TECHNICAL MANUAL

ILLUSTRATED PARTS BREAKDOWN

USAF SERIES

C-47A
C-47B
C-47D
C-117A
AND
C-117B

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SECTION I
INTRODUCTION

1-1. GENERAL.

1-2. This Illustrated Parts Breakdown has been prepared for use in storing, issuing, identifying, and requisitioning procurable parts for models C-47A, B, D, C-117A and B aircraft. For complete list of USAF serial numbers assigned to these models, see page 1-4. Maintenance procedures for these items are covered in the applicable maintenance technical manual. This manual is divided into the following three sections:

Section I - Introduction

Section II - Group Assembly Part List

Section III - Numerical Index

NOTE

The Illustrated Parts Breakdown, T.O. 1C-47(E)D-4 has been incorporated into this manual. This is the Air Force AC-47 configuration (facilities flight check recording system), of aircraft used by the airways and air communications service.

The Illustrated Parts Breakdown, T.O. 1C-47-4C has been incorporated into this manual. This is markings, decals, and plates which are used for identification and/or instructions and are not a functional part of any assembly or system.

1-3. TABLE OF CONTENTS.

1-4. The Table of Contents lists in alphabetical order the title and page number of each illustration.

1-5. GROUP ASSEMBLY PARTS LIST.

1-6. The Group Assembly Parts List, Section II, contains illustrations and correspondingly numbered parts lists of replaceable parts. A parts list and corresponding illustration constitute a complete figure. Section II is arranged in main groups with each group referenced from figure 1, an exploded view of the complete aircraft, for identification purposes. Each parts list is comprised of five separate columns containing information as follows:

a. FIGURE & INDEX NO. The number of the figure in which an item appears and the index number assigned to a specific item shown in the figure. The index numbers are numerically arranged and are used primarily to assist in locating a part when the part has been located on the illustration or in the Numerical Index.

b. PART NO. A number assigned to an item for the purpose of identification. The item may have a contractor (Douglas), vendor, or Government Standard number. Douglas part numbers and drawing numbers are identical. The number has no significance as to the location in the aircraft or system in which it is used. Part numbers or drawing numbers with the first digits of 1, 2, 3, 4, or 5 indicate drawing size. A first digit of 7 indicates a booklet made up of several sheets of small drawings bound together. A first digit of 9 indicates a metal draft drawing which may be of any size. COML appears in this column if the item has not been assigned a part number, but is procurable through normal commercial sources. NO NUMBER appears in place of a type or model number for equipment of other Services, Bureaus, and Departments, or if the equipment has not been assigned a part number. This column is left blank if no part number can be determined for an item and for titles which cover only part of an installation or more than one installation.

c. DESCRIPTION. This column lists the nomenclature for installations, assemblies, parts (plus any descriptive information necessary to identify the part completely) and, in parentheses, the vendor's code. (See paragraph 1-14 for vendor information.) An item having a separate Illustrated Parts Breakdown will have a parenthetical note as follows: (See T.O. . . . . for details)

An item for which there is a Spare Parts Assembly will have a parenthetical note following the description of the item, thus (Spare Parts Assembly . . .). Spare Parts Assemblies are listed to provide a procurable, stockable assembly where manufacturing

procedure does not provide such an assembly, and should be ordered when applicable. The parenthetical note (ALT PN . . .) is used when more than one part may be used. The preferred part will be shown in the part number column. If the alternate part is a vendor item, the vendor's code will also appear within the parenthetical note. The abbreviation NHA is used as a reference to indicate next higher assembly. The assembly order is maintained by a system of indention of the installation, assembly, and part nomenclatures. An assembly or installation listed in column one will have its components and/or details listed in column two and, in turn, if a component is also an assembly, its components and/or details will be listed in column three, etcetera. In this manner it is possible to determine the parts that will be received when the assembly is requisitioned. Attaching parts are listed in the same column immediately following the parts they attach, and may or may not be received with an assembly. Attaching parts are separated from other parts by parentheses.

(ATTACHING PARTS) is at the beginning of an attaching parts series and the symbol ---*--- is at the end of the series. Parts not to be requisitioned as detail parts because of special assembly requirements, such as matched or lapped parts, have specific procurement instructions parenthetically stated following the description of the part. Example: (Order in sets with . . .) or (Order NHA . . .).

d. UNITS PER ASSY. This column lists the number of units required for each installation, assembly, or part. If more than one assembly is required, the total of such assemblies is listed. For detail or subassembly parts of an assembly, the quantity required for one assembly is listed. The two abbreviations, REF, used to indicate a reference item, and AR (as required), used to indicate an unspecified quantity of an item, are used.

e. USABLE ON CODE. Variations in part usage are indicated by the code letter or combination of code letters in the "USABLE ON CODE" column of the Group Assembly Parts List pages. Code letters separated by a comma indicate a break in consecutive order; code letters not separated by a comma indicate consecutive order. Example: Code A, E covers A and E; Code AE indicates A, B, C, D and E. Parts used on all aircraft are not coded in the "USABLE ON CODE" column.

Code numbers corresponding to the letters in the "USABLE ON CODE" column are given at the end of each coded parts list. A conversion list for code numbers to USAF serial numbers is in the introduction on page 1-4.

1-7. NUMERICAL INDEX.

1-8. The Numerical Index, Section III, lists information in columns under the following headings:

a. PART NO. This column contains each part number listed in the Group Assembly Parts List. Part numbers are arranged in alphabetical and numerical order. Parts which do not have part numbers are listed in sequence considering the identifying noun as the part number. Part number arrangement begins on the left hand position and continues from left to right, one letter or numeral at a time, until part number arrangement is determined. The order of precedence in beginning the part number arrangement on the extreme left hand (first) position of the part number is as follows:

(1) Letters A thru Z

(2) Numerals 0 thru 9

The order of precedence in continuing the part arrangement on the second and succeeding positions of the part number from left to right is as follows:

(1) Space (blank column)

(2) Diagonal (slant) /

(3) Point (period) .

(4) Dash (-)

(5) Letters A thru Z

(6) Numerals 0 thru 9

NOTE

Alphabetical O's are considered as numerical zeros except in those cases where an identifying noun is used as the part number.

b. VOLUME. Does not apply to this publication.

c. FIGURE & INDEX NO. This column shows the location of a part number, the number before the dash being the figure number and the number after the dash the index number. When no index number is listed, the part number appears in the figure shown, but is not indexed. The figure and index number listed for Government Standard parts is the figure and index number of the first occurrence only of such parts in the Group Assembly Parts List. For nonstandard parts, the figure and index number is shown for each occurrence in the Group Assembly Parts List.

d. SOURCE CODE. This column reflects the procurement status of parts as defined by the following Source Code definitions:

(1) CODE P–PARTS UNDER INVENTORY STOCK CONTROL.

(a) CODE P is applied to parts on which usage is anticipated or known. CODE P parts may be requisitioned and installed by any maintenance level unless followed by the letter D (depot), which restricts requisition and replacement to depot level only. Restricted service manufacture is considered practicable, but only after an attempt has been made to procure from supply sources.

(b) CODE P1 is applied to parts which are very difficult, impractical, or uneconomical to manufacture. CODE P1 parts may be requisitioned and installed by any maintenance level unless followed by the letter D (depot), which restricts requisition and replacement to depot level only.

(c) CODE P2 is applied to insurance-type spare parts requiring special tools, templates, and/or jigs, and which are very difficult, impracticable, or uneconomical to manufacture. CODE P2 parts are procured in limited quantities only, to be stocked at designated overhaul and/or back up activities for the support of battle and/or crash damaged aircraft or articles.

(2) CODE M–MANUFACTURE, PARTS NOT PROCURED.

(a) CODE M is applied to parts which are within the capabilities of any activity to manufacture. Procurement is not justified in view of relatively low usage, or storage and installation factors of these parts. Needs are to be met by local manufacture only as required.

(b) CODE M1 is applied to parts which can be manufactured only by utilizing the capabilities of the depot. Procurement and stocking of these parts is not justified in view of their relatively low usage and installation factors. The needs of all activities are to be met through manufacture or by requisition from the nearest appropriate depot.

(3) CODE A–ASSEMBLE, ASSEMBLY NOT PROCURED.

(a) CODE A is applied to assemblies made up of two or more parts, at least one of which is purchased and carries an individual part number and description, which may be assembled by any maintenance level.

(b) CODE A1 is applied to assemblies made up of two or more parts, at least one of which is purchased and carries an individual part number and description, which may be assembled only by activities having depot facilities.

(4) CODE X–PARTS CONSIDERED IMPRACTICABLE FOR MANUFACTURE OR PROCUREMENT.

(a) CODE X is applied to main structural members or similar parts which, if required, would suggest extensive repair. The need of a part or parts coded X (wing spars, center section structure, etcetera) should normally result in a recommendation to retire the article from service.

(b) CODE X1 is applied to parts for which procurement of the next larger assembly, so coded P1, is justified; for example, an integral detail part such as a welded segment inseparable from its assembly, a part machined in a matched set, or a part of an assembly, which if required, would suggest extensive reconditioning of each assembly.

(c) CODE X2 is applied to parts which are not procured for stock but may be acquired for use through salvage. Activities requiring such parts shall attempt to obtain them from salvage; if not obtainable from salvage, such parts shall be requisitioned through normal supply channels with supporting justification. Repeated requests shall justify change in code to P1.

(5) CODE U–PARTS NOT PROCURED, MANUFACTURED, OR STOCKED. CODE U is applied to installation drawings, diagrams, instruction sheets, field service drawing numbers, and obsolete parts which cannot be procured or manufactured.

e. ACCT. RECOVER. . Does not apply to this publication.

1-9. CONVERSION LIST

1-10. A conversion list for code numbers to USAF serial numbers.

Code No.	Airplane Serial No.
001	42 - 23354
002	42 - 23520
003	42 - 23668
004	42 - 23773
005	42 - 23774
006	42 - 23777
007	42 - 23788
008	42 - 23793
009	42 - 23808
010	42 - 23881
011	42 - 23882
012	42 - 23934
013	42 - 23966
014	42 - 24058
015	42 - 24105
016	42 - 24172
017	42 - 24285
018	42 - 24300
019	42 - 24302
020	42 - 24304
021	42 - 24311
022	42 - 24313
023	42 - 24318
024	42 - 24385
025	42 - 24405
026	42 - 92079
027	42 - 92104
028	42 - 92295
029	42 - 92467
030	42 - 92836
031	42 - 92877
032	42 - 93004
033	42 - 93005
034	42 - 93090
035	42 - 93091
036	42 - 93161
037	42 - 93166
038	42 - 93173
039	42 - 93179
040	42 - 93184
041	42 - 93185
042	42 - 93187
043	42 - 93222
044	42 - 93223
045	42 - 93282
046	42 - 93514
047	42 - 93606
048	42 - 93607
049	42 - 93704
050	42 - 93727
051	42 - 93735
052	42 - 93790
053	42 - 93791
054	42 - 93800
055	42 - 93807
056	42 - 93814
057	42 - 100497
058	42 - 100498
059	42 - 100513
060	42 - 100547
061	42 - 100578
062	42 - 100585
063	42 - 100597
064	42 - 100660
065	42 - 100664
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Code No.	Airplane Serial No.
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563	42 - 92111
564	42 - 93812
565	43 - 30717
566	43 - 47507
567	43 - 48466
568	43 - 48916
569	44 - 76370

1-11. REFERENCE DESIGNATION INDEX

1-12. Per deviation granted 6 April 1966, Reference Designation will not apply to this publication.

1-13. VENDOR'S CODE.

1-14. Each part supplied by a vendor has a parenthetical note (- - - - -) in Section II. The vendor's name and address can be found by cross-referencing the vendor's code found in Section II to the corresponding vendor's code in the following numerically arranged vendor's code list:

VENDORS' CODES

CODE	VENDOR'S NAME AND ADDRESS
	AERO SUPPLY CO LOS ANGELES CALIF
	AEROTHERM CORP GREENWICH CONN
	AMERICAN PHENOLIC CORP CHICAGO ILL
	AVICO INC PORTSMOUTH R I
	BARDWELL AND MCALISTER INC BURBANK CALIF
	BENDIX AVIATION CORP SOUTH BEND IND
	BURDICK AND BARON CO DALLAS TEX
	DON HORN CO MEMPHIS TENN
	GENERAL ELECTRIC CO SCHENECTADY N Y
	GRAYBAR ELECTRIC CO OKLAHOMA CITY OKLA

CODE	VENDOR'S NAME AND ADDRESS
	HETHERINGTON INC SHARON HILL PA
	MAGNA PRODUCTS CO BROOKLYN N Y
	MARION ELECTRICAL INSTRUMENT CO MANCHESTER N H
	MARQUETTE METAL PRODUCTS CO CLEVELAND OHIO
	NORTH AMERICAN SUPPLY CO LOS ANGELES CALIF
	PARKER-KALON CORP NEW YORK N Y

CODE	VENDOR'S NAME AND ADDRESS
	PYRENE MFG CO NEWARK N J
	SUPERIOR CABINET AND FIXTURE EL MONTE CALIF
	WAGNER WOOD PRODUCTS CO DAYTON OHIO
00141	PIC DESIGN CORP ROCKAWAY N Y
00502	ADEL DIV GENERAL METALS CORP BURBANK CALIF
00624	AERO QUIP CORP AIRCRAFT DIV JACKSON PLANT JACKSON MICH
00736	AIR MAZE DIV ROCKWELL STANDARD CORP CLEVELAND OHIO
00779	AMP INC PO BOX 3608 HARRISBURG, PA 17105
00861	WESTERN AIRCRAFT SUPPLY INC LOS ANGELES CALIF
01317	THE FYR-FYTER CO NEWARK N J
01634	ALUMINUM CO OF AMERICA ALCOA BUILDING PITTSBURGH PA
01767	AMERICAN AIR FILTER CO INC LOUISVILLE KY
02413	AMERICAN LA FRANCE DIV STERLING PRECISION CORP ELMIRA N Y
02734	RADIO CORP OF AMERICA DEFENSE ELECTRONIC PRODUCTS CAMDEN N J
03488	ANDOVER MOTORS CORP ELMIRA N Y
03543	DYNALECTRON CORP WASHINGTON DC
05284	GASKET ENGINEERING CO INC 3123 WYANDOTTE KANSAS CITY MO 64111
05624	BARBER-COLMAN CO ROCKFORD ILL
06845	BENDIX CORP RADIO DIV TOWSON MD
06848	THE BENDIX CORP BENDIX PRODUCTS AEROSPACE DIV SOUTH BEND IND
08484	BREEZE CORPORATIONS INC UNION N J

CODE	VENDOR'S NAME AND ADDRESS
08799	GENERAL ELECTRIC CO SCHENECTADY N Y
08805	GENERAL ELECTRIC CO LARGE LAMP DEPT CLEVELAND OHIO
09523	PARKER-HANNIFIN CORP ACCESSORIES DIV CLEVELAND OHIO
09922	BURNDY CORP NORWALK CONN
10114	BUSHMAN E. W. CO CINCINNATI OHIO
11815	CHERRY RIVET DIV TOWNSEND CO SANTA ANA CALIF
12204	CHRYSLER CORP DETROIT MICH
12339	METRIC SYSTEMS CORP FORT WALTON BEACH FLA
13174	IMPERIAL-EASTMAN CORP MANITOWOC WIS
13499	COLLINS RADIO CO CEDAR RAPIDS DIV CEDAR RAPIDS IOWA
14636	CORDLEY AND HAYES NEW YORK N Y
14655	CORNELL-DUBILIER ELECTRIC CORP NEWARK N J
15022	BARCO-AVIATION INC LOS ANGELES CALIF
15605	CUTLER-HAMMER INC MILWAUKEE WIS
15653	KAYNAR MFG CO INC FULLERTON CALIF
16764	DELCO-REMY DIV GENERAL MOTORS CORP ANDERSON IND
17746	AERO-FLOW DYNAMICS INC CORRY PA
17875	EATON MFG CO DILL DIV CLEVELAND OHIO
18163	DOLE VALVE CO. MORTON GROVE ILL
18226	RADIO CORP OF AMERICA AEROSPACE SYSTEMS DIV CAMDEN N J

CODE	VENDOR'S NAME AND ADDRESS
18355	DOUGLAS AIRCRAFT CO INC SANTA MONICA CALIF
18702	DUCOMMUN METALS AND SUPPLY CO LOS ANGELES CALIF
19315	BENDIX CORP ECLIPSE-PIONEER DIV TETERBORO N J
19500	EDISON THOMAS A INDUSTRIES DIV MCGRAW-EDISON CO WEST ORANGE N J
19557	EDWARDS CO INC NORWALK CONN
20019	ELECTRONIC SPECIALTY CO CONNECTICUT DIV THOMASTON CONN
20038	ELECTRIC STORAGE BATTERY CO PHILADELPHIA PA
21102	EVANS PRODUCTS CO PLYMOUTH MICH
21192	EXCELSIOR HARDWARE CO STAMFORD CONN
21335	FAFNIR BEARING CO NEW BRITAIN CONN
21585	FARR CO EL SEGUNDO CALIF
22337	FIRESTONE TIRE AND RUBBER CO AKRON OHIO
22508	FISHER GOVERNOR CO MARSHALL TOWN IOWA
23040	FORD MOTOR CO PARTS AND ACCESSORIES OPERATION DEARBORN MICH
23942	AERO MAINTENANCE RADIO INC MIAMI SPRINGS FLA
24446	GENERAL ELECTRIC CO SCHENECTADY N Y
24503	GENERAL FIREPROOFING CO YOUNGSTOWN OHIO
24930	ITT GILFILLAN INC LOS ANGELES CALIF
25472	GOODRICH B F AKRON OHIO
26042	GRAYBAR ELECTRIC CO INC NEW YORK N Y

CODE	VENDOR'S NAME AND ADDRESS
27372	HARRIS CALORIFIC CO CLEVELAND OHIO
30327	IMPERIAL-EASTMAN CORP CHICAGO ILL
31435	LEAR SIEGLER INC POWER EQUIPMENT DIV MAPLE HEIGHTS OHIO
33525	KIDDE WALTER AND CO INC BELLEVILLE N J
35344	LEACH CORP LEACH RELAY CO DIV LOS ANGELES CALIF
35918	LEWIS ENGINEERING CO NAUGATUCK CONN
36251	LINCOLN ENGINEERING DIV MCNEIL MACHINE AND ENGINEERING CO ST LOUIS MO
36536	LIQUIDOMETER CORP LONG ISLAND CITY N Y
36540	LISLE CORP CLARINDA IOWA
36659	LOCKHEED AIRCRAFT CORP CALIFORNIA DIV BURBANK CALIF
37239	LUNKENHEIMER CO CINCINNATI OHIO
37942	MALLORY P R AND CO INC INDIANAPOLIS IND
38443	MARLIN-ROCKWELL CORP JAMESTOWN N Y
40912	MINE SAFETY APPLIANCES CO PITTSBURGH PA
42451	NATIONAL CARBON CO NEW YORK N Y
42498	NATIONAL CO INC MELROSE MASS
44655	OHMITE MFG CO SKOKIE ILL
40931	HONEYWELL INC MINNEAPOLIS MINN
45681	PARKER-HANNIFIN CORP CLEVELAND OHIO
45722	PARKER KALON DIV GENERAL AMERICAN TRANSPORTATION CORP CLIFTON N J
46384	PENN ENGINEERING CO INC OLD EASTON HIGHWAY DOYLESTOWN PA 18901

CODE	VENDOR'S NAME AND ADDRESS
48521	PRATT AND WHITNEY CO INC HARTFORD CONN
50599	RESISTOFLEX CORP ROSELAND N J
51116	ROBINSON TECHNICAL PRODUCTS INC TETERBORO N J
51240	AMERICAN-STANDARD CONTROLS DIV AMERICAN RADIATOR AND STANDARD SANITARY CORP ROCHESTER INSTRUMENT PLANT ROCHESTER N Y
51663	LEAR SIEGLER INC POWER EQUIPMENT DIV ELYRIA OHIO
52504	RUSSELL MFG CO MIDDLETOWN CONN
53268	SCHATZ MFG CO POUGHKEEPSIE N Y
53477	SCHRADERS A AND SON DIV SCOVILL MFG CO BROOKLYN N Y
56232	SPERRY GYROSCOPE CO DIV SPERRY RAND CORP GREAT NECK N Y
56289	SPRAGUE ELECTRIC CO NORTH ADAMS MASS
56365	SQUARE D CO PARK RIDGE ILL
57733	STEWART-WARNER CORP CHICAGO ILL
59730	THOMAS AND BETTS CO ELIZABETH N J
60380	TORRINGTON CO TORRINGTON CONN
60532	TRANE CO LA CROSSE WIS
61349	UNITED STATES GAUGE DIV AMETEK INC SELLERSVILLE PA
61463	UNITED STATES RUBBER CO NEW YORK N Y
61858	UNITED AIRCRAFT CORP EAST HARTFORD CONN
61864	UNITED-CARR FASTENER CORP BOSTON MASS
63591	WALLACE AND TIERNAN PRODUCTS INC BELLEVILLE N J
63686	WALWORTH CO NEW YORK N Y
64266	WEBER SHOWCASE AND FIXTURE CO INC LOS ANGELES CALIF
64560	WELDON TOOL CO CLEVELAND OHIO
65083	WESTINGHOUSE ELECTRIC CORP LAMP DIV BLOOMFIELD N J
65092	WESTON INSTRUMENTS INC WESTON-NEWARK NEWARK N J
65595	WILCOLATOR CO ELIZABETH N J
66295	WITTEK MFG CO CHICAGO ILL
67239	ZIMMER MFG CO WARSAW IND
70095	ACTUS CORP MT VERNON N Y
70138	AERO-CORRY DIV AERO-FLOW DYNAMICS INC CORRY PA
70152	AERO TEC INDUSTRIES INC AIRCRAFT EQUIPMENT DIV GREENWICH CONN
70159	TEXSTAR PLASTICS GRAND PRAIRIE TEX
70210	AIRESEARCH MFG DIV GARRETT CORP LOS ANGELES CALIF
70276	ALLEN MFG CO HARTFORD CONN
70417	AMPLEX DIV CHRYSLER CORP DETROIT MICH
70436	ARENS CONTROLS INC EVANSTOWN ILL

CODE	VENDOR'S NAME AND ADDRESS
70537	AMERICAN SCREW PRODUCTS CO NEWARK N J
70628	ARROWHEAD PRODUCTS DIV FEDERAL-MOGUL-BOWER BEARINGS INC LOS ALAMITOS CALIF
70651	ATLAS BRASS FOUNDRY INC LOS ANGELES CALIF
70677	AULD D L CO COLUMBUS OHIO
70804	AVIA PRODUCTS CO LOS ANGELES CALIF
70892	THE BEAD CHAIN MFG CO BRIDGEPORT CONN
70898	BEECH AIRCRAFT CORP WICHITA KANS
70998	BIRD ELECTRONIC CORP CLEVELAND OHIO
71041	BOSTON GEAR WORKS DIV MURRAY CO OF TEXAS QUINCY MASS
71087	BOOTS AIRCRAFT NUT DIV TOWNSEND CO NORWALK CONN
71129	BOUND BROOK BEARING CORP OF AMERICA BOUND BROOK N J
71236	BURDICK CO DALLAS TEX
71286	CAMLOC FASTENER CORP PARAMUS N J
71400	BUSSMANN MFG DIV MCGRAW-EDISON CO ST LOUIS MO
71447	CALIFORNIA SPRING CO INC PICO-RIVERA CALIF
71468	ITT CANNON ELECTRIC INC LOS ANGELES CALIF
71590	CENTRALAB DIV GLOBE-UNION INC MILWAUKEE WIS
71607	COMAR ELECTRIC CO CHICAGO ILL
71694	CORBIN P AND F DIV EMHART CORP NEW BRITAIN CONN
71863	KETTERING AIRCRAFT CO INC DAYTON OHIO
71938	DIETZ MFG CO LOS ANGELES CALIF
72189	ENGLISH AND LAUER INC LOS ANGELES CALIF
72194	ENTERPRISE MFG CO BUFFALO N Y
72264	ESTERLINE ANGUS INSTRUMENT CO INC INDIANAPOLIS IND
72290	EXHIBIT SUPPLY CO CHICAGO ILL
72493	DAMASCUS STEEL PRODUCTS CORP ROCKFORD ILL
72794	DZUS FASTENER CO INC WEST ISLIP N Y
72795	EAGLE LOCK CORP TERRYVILLE CONN
72914	GRIMES MFG CO URBANA OHIO
72962	ELASTIC STOP NUT CORP OF AMERICA UNION N J
73030	HAMILTON STANDARD DIV UNITED AIRCRAFT CORP WINDSOR LOCKS CONN
73168	FENWAL INC ASHLAND MASS
73205	HILL BROS CHEMICAL CO LOS ANGELES CALIF
73287	HUBBARD M D SPRING CO PONTIAC MICH
73439	AMERICAN SCREW CO WYTHEVILLE VA
73808	GENERAL TIRE AND RUBBER CO AKRON OHIO
73842	GOODYEAR TIRE AND RUBBER CO AKRON OHIO
73974	GURNEY BEARING DIV MARLIN ROCKWELL CORP JAMESTOWN N Y
74063	HARTMAN ELECTRICAL MFG CO MANSFIELD OHIO

CODE	VENDOR'S NAME AND ADDRESS
74545	HUBBELL HARVEY INC BRIDGEPORT CONN
74868	BUNKERRAMO CORP AMPHENOL RF DIV 33 E FRANKLIN ST DANBURY CONN 06810
75042	INTERNATIONAL RESISTANCE CO PHILADELPHIA PA
75277	KILIAN MFG CORP SYRACUSE N Y
75345	KIRKHILL RUBBER CO BREA CALIF
75361	KOEHLER AIRCRAFT PRODUCTS CO DAYTON OHIO
75915	LITTLE FUSE INC DES PLAINES ILL
76005	LORD MFG CO ERIE PA
76033	LUMINATOR INC CHICAGO ILL
76197	CURTISS-WRIGHT CORP CLEVELAND OHIO
76445	MONROE AUTO EQUIPMENT CO MONROE MICH
76530	MONADNOCK MILLS SAN LEANDRO CALIF
76592	MULTI-PRODUCTS TOOL CO NEWARK N J
76594	MUNSON BAG CO CLEVELAND OHIO
76691	NATIONAL TELEPHONE SUPPLY CO INC CLEVELAND OHIO
76786	NORTH AND JUDD MFG CO NEW BRITAIN CONN
76854	OAK MFG CO CRYSTAL LAKE ILL
77065	PACIFIC AVIATION INC LOS ANGELES CALIF
77068	BENDIX CORP PACIFIC DIV NORTH HOLLYWOOD CALIF
77200	PESCO PRODUCTS DIV BORG-WARNER CORP BEDFORD OHIO
77221	PHAOSTRON INSTRUMENT AND ELECTRONIC CO SOUTH PASADENA CALIF
77250	PHEOLL MFG CO DIV OF ALLIED PRODUCTS CORP 5700 W ROOSEVELT RD CHICAGO ILL 60650

CODE	VENDOR'S NAME AND ADDRESS
77445	UNITED AIRCRAFT CORP PRATT AND WHITNEY AIRCRAFT DIV HARTFORD CONN
77545	REED AND PRINCE MFG CO WORCESTER MASS
77694	RAYMOND DEICER CO INC HUNTINGTON PARK CALIF
77817	RITE HARDWARE MFG CO GLENDALE CALIF
77820	BENDIX CORP SCINTILLA DIV SIDNEY N Y
77860	SHERMAN H B MFG CO BATTLE CREEK MICH
77910	SHAKESPEARE PRODUCTS DIV SHAKESPEARE CO INC KALAMAZOO MICH
77924	ROSEN A W AND CO NEW YORK N Y
77932	SIMMONDS PRECISION INC TARRYTOWN N Y
77969	RUBBER CRAFT CORP OF CALIF LTD TORRANCE CALIF
78189	SHAKEPROOF DIV ILLINOIS TOOL WORKS ELGIN ILL
78190	SHAKESPEARE CO INC KALAMAZOO MICH
78275	SIERRA MFG CO PASADENA CALIF
78493	STANDARD-THOMSON CORP WALTHAM MASS
78553	TINNERMAN PRODUCTS INC CLEVELAND OHIO
78943	UNITED AIRCRAFT PRODUCTS INC DAYTON OHIO
78988	UNION HARDWARE AND METAL CO LOS ANGELES CALIF
79271	WESTERN ARC WELDING INC LOS ANGELES CALIF
79318	CONTROLS AND GUIDANCE DIV WHITTAKER CORP CHATSWORTH CALIF

CODE	VENDOR'S NAME AND ADDRESS
79470	WEATHERHEAD CO CLEVELAND OHIO
79500	WESTINGHOUSE ELECTRIC CORP PITTSBURGH PA
79577	WILCOX-CRITTENDEN DIV NORTH AND JUDD MFG CO MIDDLETOWN CONN
80097	AMERICAN CHAIN AND CABLE CO INC DETROIT MICH
80183	SPRAGUE PRODUCTS CO NORTH ADAMS MASS
80355	GRETHER FIRE EQUIPMENT CO DAYTON OHIO
80477	ADAMS RITE MFG CO GLENDALE CALIF
81143	ISOLANTITE MFG CORP STIRLING N J
81205	BOEING CO SEATTLE WASH
81251	ALAMITOS CORP LOS ALAMITOS CALIF
81257	DOUGLAS MFG DIV KINGSTON PRODUCTS CORP BRONSON MICH
81321	PUROLATOR PRODUCTS INC RAHWAY N J
81481	AVICA CORP NEWPORT R I
81590	KORRY MFG CO SEATTLE WASH
81640	CONTROLS CO OF AMERICA CONTROL SWITCH DIV FOLCROFT PA
81668	POTTER FIRE ESCAPE CO SCOTTSDALE ARIZ
81724	PEP BOYS MANNY MOE AND JACK INC PHILADELPHIA PA
81832	FRAMPTON ELECTRIC CO DAYTON OHIO
81979	UNITED AIR LINES INC CHICAGO ILL
81982	HYDO-AIRE DIV CRANE CO BURBANK CALIF
82152	TRANSCO PRODUCTS INC LOS ANGELES CALIF
82265	MONARCH TOOL AND INSTRUMENT CO SAN DIEGO CALIF
82647	METALS AND CONTROLS INC SPENCER PRODUCTS ATTLEBORO MASS
83014	HARTWELL CORP LOS ANGELES CALIF
83044	DAYTON AIRCRAFT PRODUCTS INC FT LAUDERDALE FLA
83564	WEMAC CO INGLEWOOD CALIF
83885	AADOX MFG CO SAN PEDRO CALIF
84256	AVDEL INC BURBANK CALIF
83945	AEROTEC INDUSTRIES INC AEROTHERM DIV BANTAM CONN
84830	LEE SPRING CO INC BROOKLYN N Y
86990	SIERRA SANITARY MFG CO PASADENA CALIF
87378	ZELLERBACH PAPER CO SAN FRANCISCO CALIF
88141	CONANT LABORATORIES LINCOLN NEB
89473	GENERAL ELECTRIC DISTRIBUTING CORP SCHENECTADY N Y
89513	JANITROL AERO DIV MIDLAND-ROSS CORP COLUMBUS OHIO
89734	HOFFMAN-CHICAGO INC CHICAGO ILL
89944	KOLLSMAN INSTRUMENT CORP ELMHURST N Y
90478	VISIONEERING CO INC CLEVELAND OHIO

CODE	VENDOR'S NAME AND ADDRESS
90659	STATIONERS LOOSE LEAF CO INC MILWAUKEE WIS
91812	JANCO CORP BURBANK CALIF
91929	HONEYWELL INC MICRO SWITCH DIV FREEPORT ILL
92003	PARKER AIRCRAFT CO LOS ANGELES CALIF
92059	RAYMOND ENGINEERING LABORATORY INC MIDDLETOWN CONN

CODE	VENDOR'S NAME AND ADDRESS
92199	UNIVOX CORP NEW YORK N Y
92541	MONOGRAM INDUSTRIES INC CULVER CITY CALIF
93676	STRATFORD CORP NEW YORK N Y
99378	ATLEE CORP 2 LOWELL AVE WINCHESTER MA 01890
94033	LA POINTE INDUSTRIES INC ROCKVILLE CONN
95879	ALEMITE DIV STEWART WARNER CORP CHICAGO ILL
96142	FLEXONICS DIV CALUMET AND HECLA INC BARTLETT ILL
96948	KERNER PRODUCTS CO SUMMIT ILL
98625	AEROQUIP CORP MARMAN DIV LOS ANGELES CALIF
98752	WARNER ROBINS AIR MATERIEL AREA WARNER ROBINS GA
99486	AERO SAFETY EQUIPMENT CO LOS ANGELES CALIF
99536	HARDWARE SPECIALTIES SALES CO LOS ANGELES CALIF
99837	CABLES ENGINEERING INC CORAL GABLES FLA

1-15. SEPARATE PUBLICATION

1-16. For additional information pertaining to C-47A, B, D, C-117A and B aircraft, consult the following publications:

1C-47-01	List of Applicable Publications – (See T.O. 1C-47A-01)
1C-47A-01	List of Applicable Publications – C-47, A, B, D, E, AC-47, TC-47B, VC-47B, C-117A and B
1C-47B-01	List of Applicable Publications – (See T.O. 1C-47A-01)
1C-47D-01	List of Applicable Publications – (See T.O. 1C-47A-01)
1C-117A-01	List of Applicable Publications – (See T.O. 1C-47A-01)
1C-117B-01	List of Applicable Publications – (See T.O. 1C-47A-01)
1C-47A-01A	Supplement – List of Applicable Publications – C-47, A, B, D, E, AC-47, SC-47, TC-47B, VC-47B, C-117A and B
1C-47A-01C	Supplement – List of Applicable Publications – C-47, A, B, D, E, AC-47, SC-47, TC-47B, VC-47B, C-117A and B
1C-47-1	Flight Handbook – C-47 and A
1C-47-1Q	Safety of Flight Supplement – Flight Handbook – C-47 and A
1C-47-1R	Safety of Flight Supplement – Flight Handbook – C-47 and A
1C-47A-1	Flight Handbook – (See T.O. 1C-47-1)
1C-47B-1	Flight Handbook – C-47B, D, C-117A and B
1C-47D-1	Flight Handbook – (See T.O. 1C-47B-1)
1C-117A-1	Flight Handbook – (See T.O. 1C-4 B-1)
1C-117B-1	Flight Handbook – (See T.O. 1C-47B-1)
1C-47-2	Erection and Maintenance Instructions – C-47, A, B, D, C-117A and B
1C-47A-2	Erection and Maintenance Instructions – (See T.O. 1C-47-2)
1C-47B-2	Erection and Maintenance Instructions – (See T.O. 1C-47-2)
1C-47D-2	Erection and Maintenance Instructions – (See T.O. 1C-47-2)
1C-117A-2	Erection and Maintenance Instructions – (See T.O. 1C-47-2)
1C-117B-2	Erection and Maintenance Instructions – (See T.O. 1C-47-2)
1C-47-3	Structural Repair Instructions – C-47, A, B, D, C-117A and B
1C-47A-3	Structural Repair Instructions – (See T.O. 1C-47-3)
1C-47B-3	Structural Repair Instructions – (See T.O. 1C-47-3)
1C-47D-3	Structural Repair Instructions – (See T.O. 1C-47-3)
1C-117A-3	Structural Repair Instructions – (See T.O. 1C-47-3)

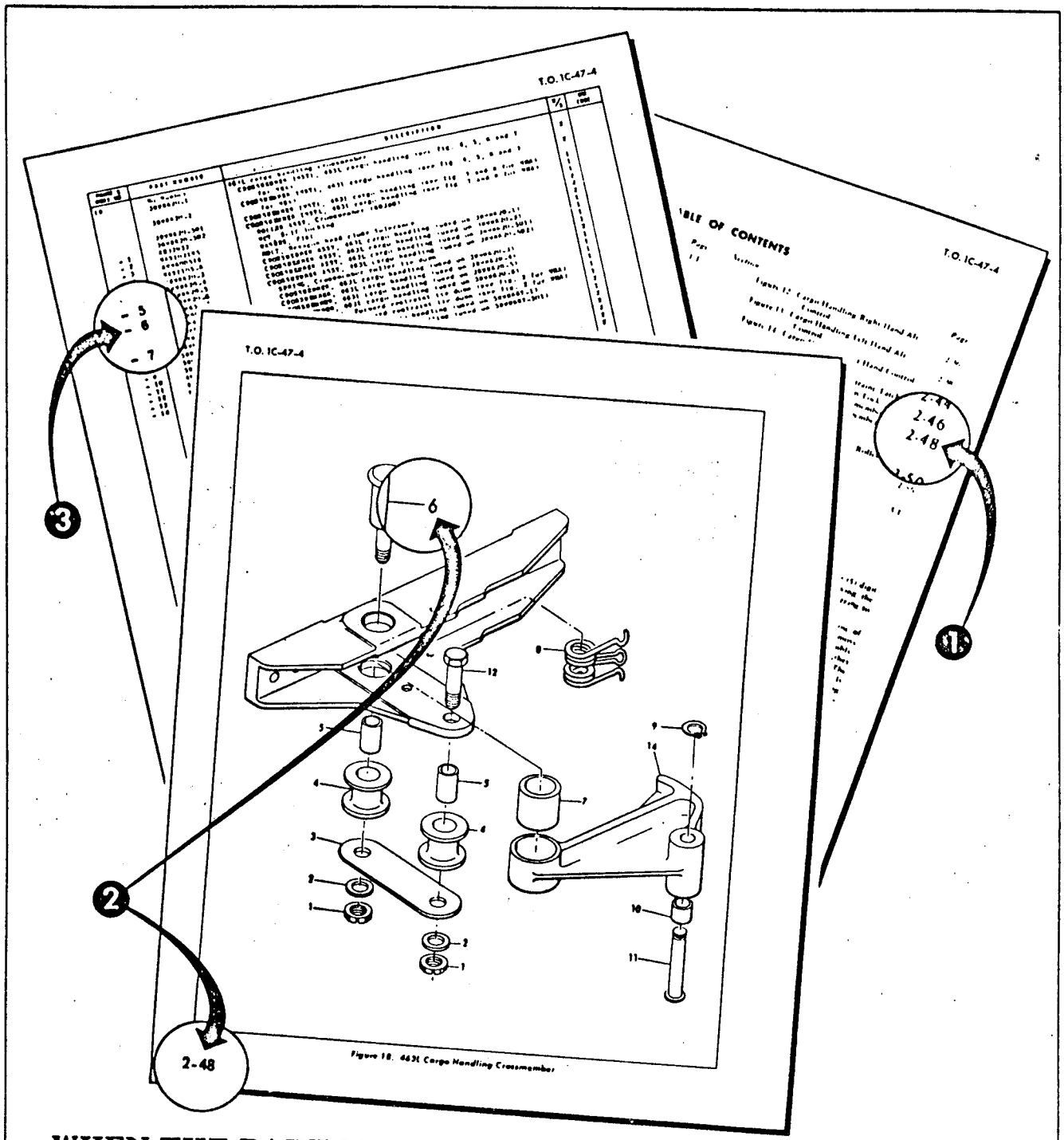
1C-117B-3	Structural Repair Instructions – (See T.O. 1C-47-3)
1C-47-5	Basic Weight Check List and Loading Data – C-47, A, B, D and VC-47B
1C-47A-5	Basic Weight Check List and Loading Data – (See T.O. 1C-47-5)
1C-47B-5	Basic Weight Check List and Loading Data – (See T.O. 1C-47-5)
1C-47D-5	Basic Weight Check List and Loading Data – (See T.O. 1C-47-5)
1C-47-6	Inspection Requirements – (See T.O. 1C-47A-6)
1C-47A-6	Inspection Requirements – C-47, A, B, D, C-117A and B
1C-47B-6	Inspection Requirements – (See T.O. 1C-47A-6)
1C-47D-6	Inspection Requirements – (See T.O. 1C-47A-6)
1C-117A-6	Inspection Requirements – (See T.O. 1C-47A-6)
1C 117B-6	Inspection Requirements – (See T.O. 1C-47A-6)
1C-47-17	Storage of Aircraft – C-47, A, B and D
1C-47A-17	Storage of Aircraft – (See T.O. 1C-47-17)
1C-47B-17	Storage of Aircraft – (See T.O. 1C-47-17)
1C-47D-17	Storage of Aircraft – (See T.O. 1C-47-17)
1C-117A-17	Storage of Aircraft – C-117A and B
1C-117B-17	Storage of Aircraft – (See T.O. 1C-117A-17)
1C-47-18	Field Maintenance Airborne Materiel – C-47, A, B, D, C-117A and B
1C-47A-18	Field Maintenance Airborne Materiel – (See T.O. 1C-47-18)
1C-47B-18	Field Maintenance Airborne Materiel – (See T.O. 1C-47-18)
1C-47D-18	Field Maintenance Airborne Materiel – (See T.O. 1C-47-18)
1C-117A-18	Field Maintenance Airborne Materiel – (See T.O. 1C-47-18)
1C-117B-18	Field Maintenance Airborne Materiel – (See T.O. 1C-47-18)
1C-47-21	Aircraft Inventory Record Master Guide – C-47, A, B and D
1C-47A-21	Aircraft Inventory Record Master Guide – (See T.O. 1C-47-21)
1C-47B-21	Aircraft Inventory Record Master Guide – (See T.O. 1C-47-21)
1C-47D-21	Aircraft Inventory Record Master Guide – (See T.O. 1C-47-21)

1-17. TIME COMPLIANCE TECHNICAL ORDERS

1-18. Any C-47 T.C.T.O. not listed below has no effect on items reflected in this illustrated parts breakdown.

T.O. 1-1-659
T.O. 1A-1-20
T.O. 1A-1-21
T.O. 1C-1-27
T.O. 1C-1-31
T.O. 1C-1-31B
T.O. 1C-1-38
T.O. 1C-1-41
T.O. 1C-1-46B
T.O. 1C-1-54
T.O. 1C-1-55
T.O. 1C-1-60
T.O. 1C-1-61
T.O. 1C-1-67
T.O. 1C-1-202
T.O. 1C-1-204
T.O. 1C-1-209
T.O. 1C-1-211
T.O. 1C-1-212
T.O. 1C-1-223
T.O. 1C-1-224
T.O. 1C-1-233
T.O. 1C-1-508
T.O. 1C-1-508A
T.O. 1C-1-509
T.O. 1C-1-510
T.O. 1C-1-511
T.O. 1C-1-512
T.O. 1C-1-514
T.O. 1C-1-515
T.O. 1C-1-520
T.O. 1C-1-525
T.O. 1C-1-525B
T.O. 1C-1-532
T.O. 1C-1-533
T.O. 1C-1-539
T.O. 1C-1-551
T.O. 1C-1-554
T.O. 1C-1-556
T.O. 1C-1-557
T.O. 1C-1-557A
T.O. 1C-1-557B
T.O. 1C-1-557C
T.O. 1C-1-601
T.O. 1C-1-606
T.O. 1C-1-613
T.O. 1C-1-616
T.O. 1C-1-625
T.O. 1C-1-641
T.O. 1C-1-641C
T.O. 1C-1-643
T.O. 1C-1-617
T.O. 1C-47-27
T.O. 1C-47-28
T.O. 1C-47-29
T.O. 1C-47-31
T.O. 1C-47-33
T.O. 1C-47-38
T.O. 1C-47-44
T.O. 1C-47-44A
T.O. 1C-47-202
T.O. 1C-47-203
T.O. 1C-47-209
T.O. 1C-47-503
T.O. 1C-47-507
T.O. 1C-47-509
T.O. 1C-47-510
T.O. 1C-47-512
T.O. 1C-47-513
T.O. 1C-47-529
T.O. 1C-47-536
T.O. 1C-47-542
T.O. 1C-47-551
T.O. 1C-47-553
T.O. 1C-47-543D
T.O. 1C-47-543F
T.O. 1C-47-546
T.O. 1C-47-548
T.O. 1C-47A-7
T.O. 1C-47A-24
T.O. 1C-47A-25
T.O. 1C-47A-26
T.O. 1C-47A-202
T.O. 1C-47D-502
T.O. 1C-47D-502C
T.O. 1C-47D-503
T.O. 1C-47(E)D-501
T.O. 1C-47(S)-506
T.O. 2RA7-2-13

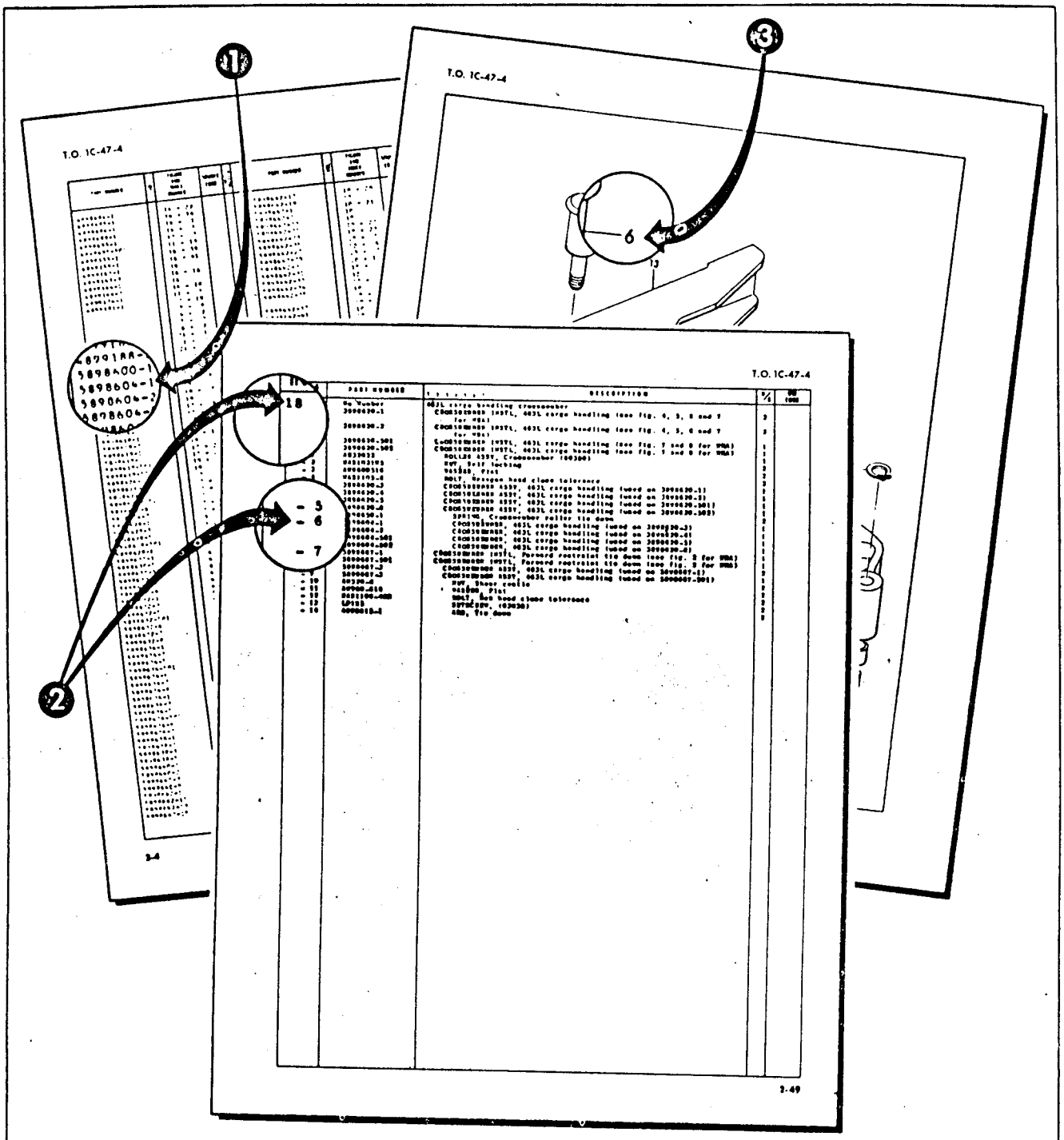
HOW TO USE THE ILLUSTRATED PARTS BREAKDOWN



WHEN THE PART NUMBER IS NOT KNOWN

1. Determine the function and application of the part required. Turn to the Table of Contents and select the most appropriate title. Note the illustration page number.
2. Turn to the page indicated and locate the desired part on the illustration.
3. From the illustration, obtain the index number assigned to the part desired. Refer to the accompanying description for specific information regarding the part.

HOW TO USE THE ILLUSTRATED PARTS BREAKDOWN



WHEN THE PART NUMBER IS KNOWN

1. When the part number is known, refer to Section III Numerical Index. Locate the part number and note the figure and index number assigned to the part number.
2. Turn to the figure number indicated and locate the index number referenced in the Numerical Index.
3. If a pictorial representation of the part, or its location is desired, refer to the same index number on the accompanying illustration.

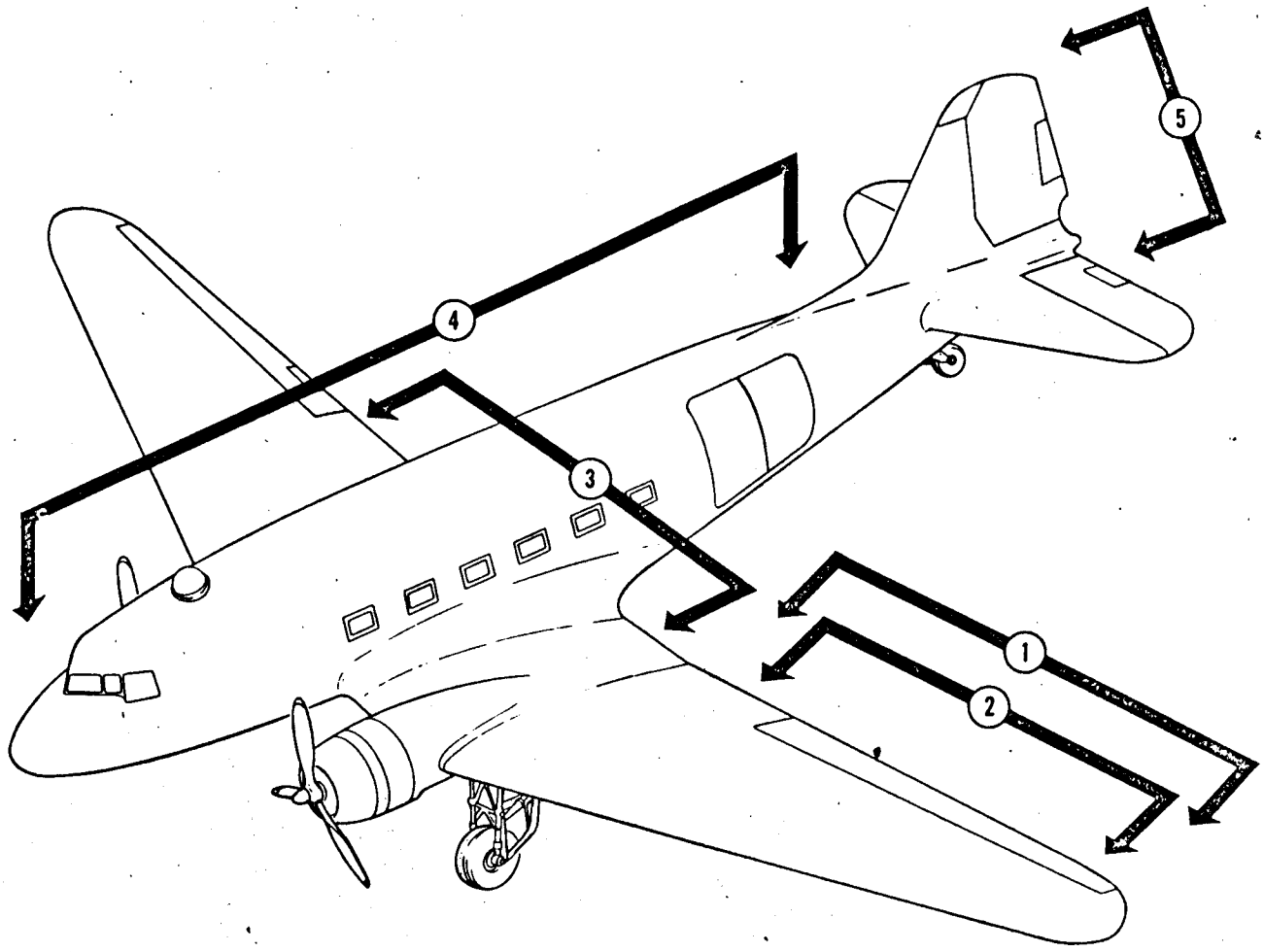
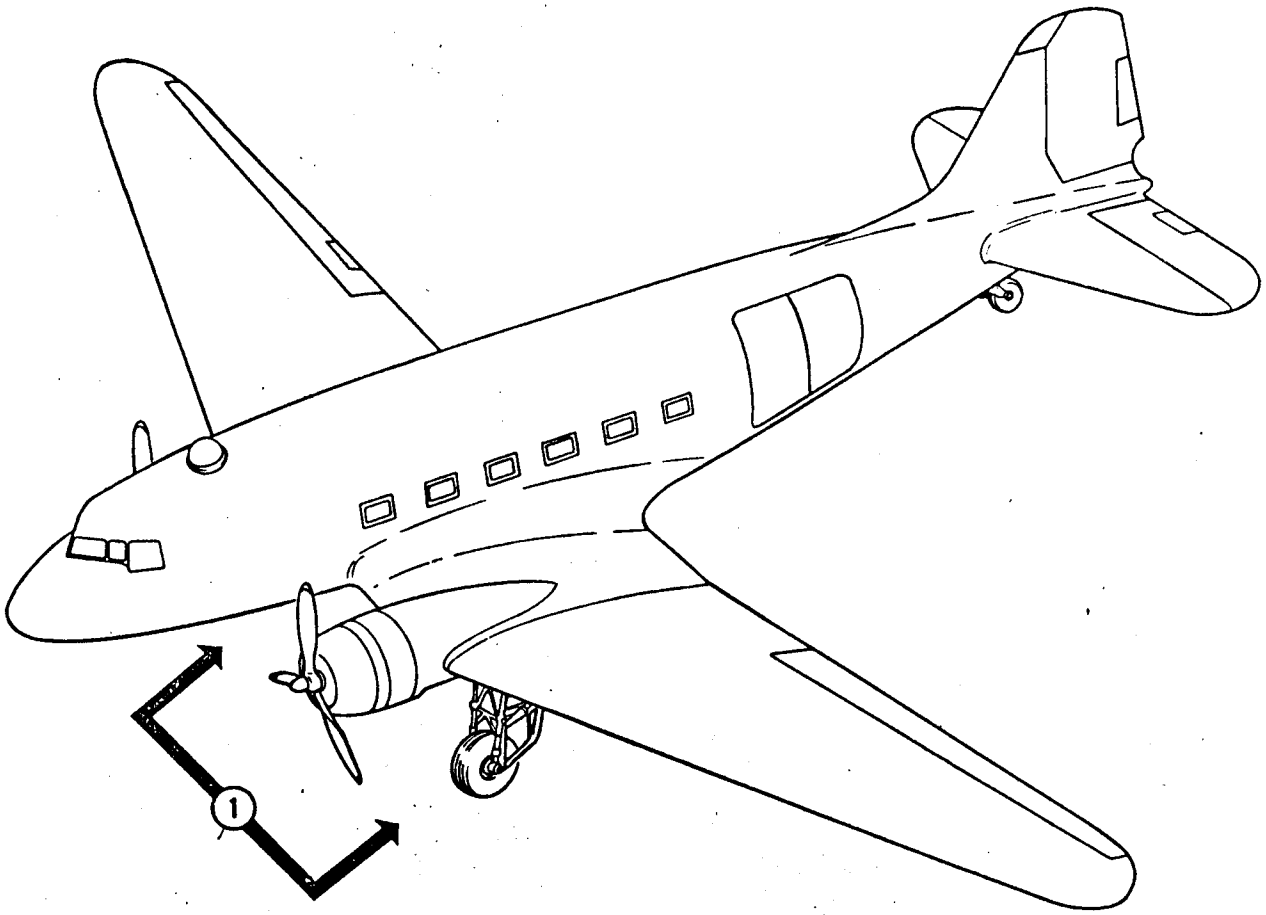


Figure 1-1. Airframes

INDEX NO.	NOMENCLATURE	FIGURE NO.
1	OUTER WING AND TIP	2 AND 4
2	AILERON, TAB, AND FLAPS	6
3	CENTER WING	3, 7 AND 8
4	FUSELAGE	16 THRU 37
5	EMPENNAGE	13 AND 14



V4-29

Figure 1-2. Power Plant

INDEX NO.	NOMENCLATURE	FIGURE NO.
1	PROPELLER AND DEMOUNTABLE POWER PLANT	38 THRU 72

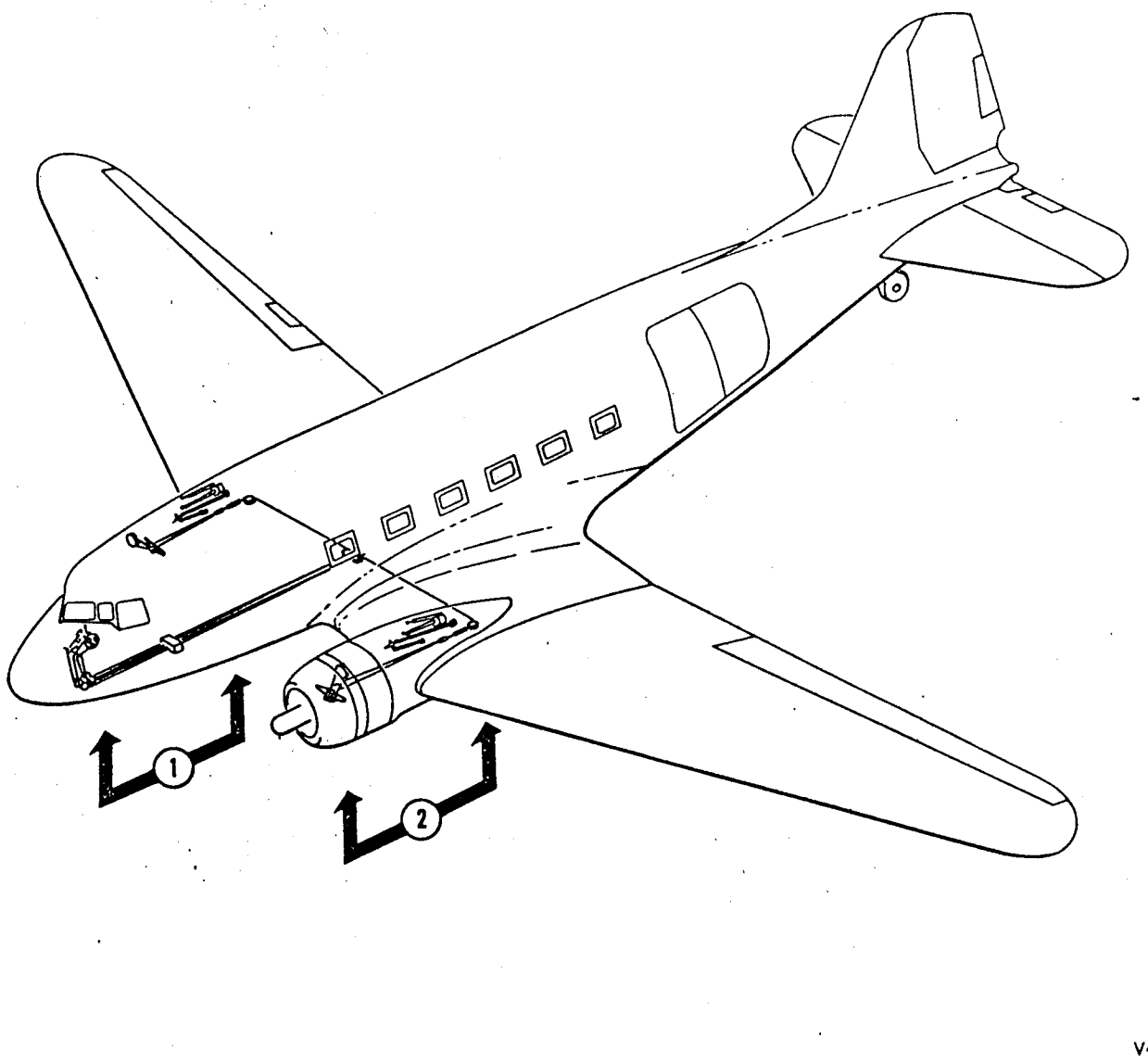


Figure 1-3. Engine Control System

INDEX NO.	NOMENCLATURE	FIGURE NO.
1	CONTROL PEDESTAL SECTION	76 THRU 78
2	ENGINE SECTION	46 AND 73 THRU 75

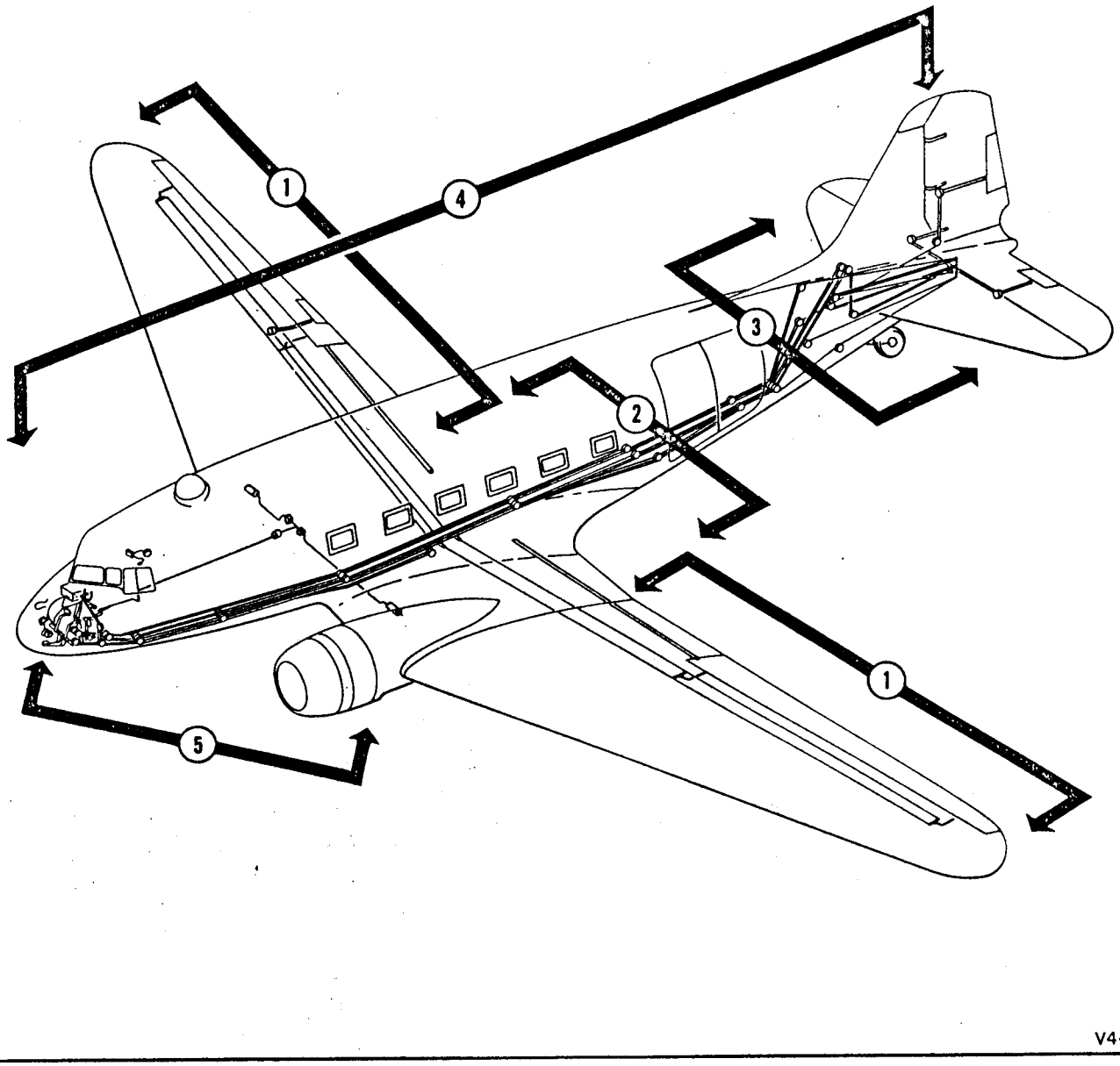


Figure 1-4. Flight Control System

INDEX NO.	NOMENCLATURE	FIGURE NO.
1	OUTER WING SECTION	87 AND 88
2	CENTER WING SECTION	79 AND 80
3	EMPENNAGE SECTION	94
4	FUSELAGE SECTION	81 THRU 86
5	AUTOMATIC PILOT	89 THRU 93

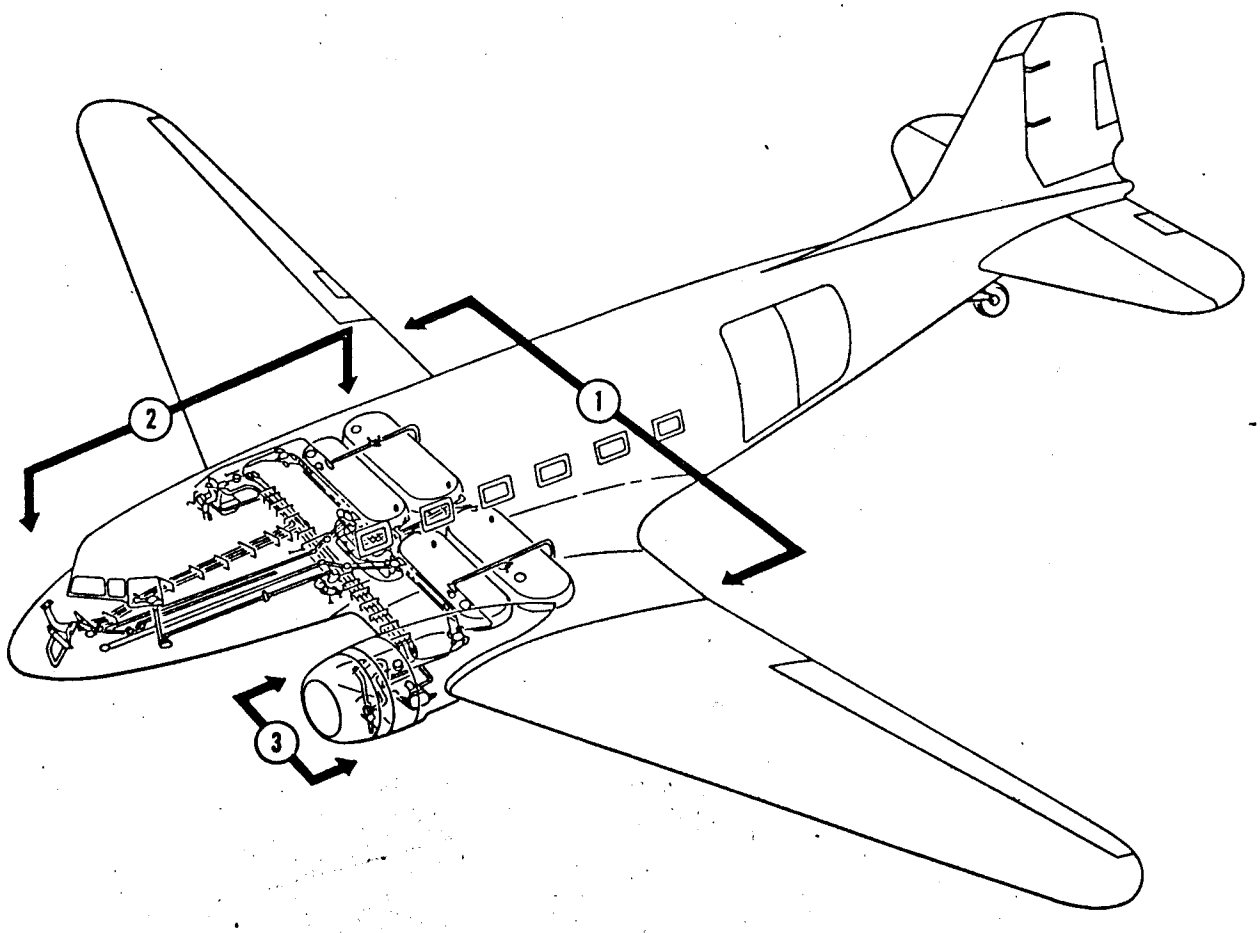


Figure 1-5. Fuel and Oil System

INDEX NO.	NOMENCLATURE	FIGURE NO.
1	CENTER WING SECTION	97 THRU 103
2	FUSELAGE SECTION	105 AND 106
3	ENGINE SECTION	104 AND 107

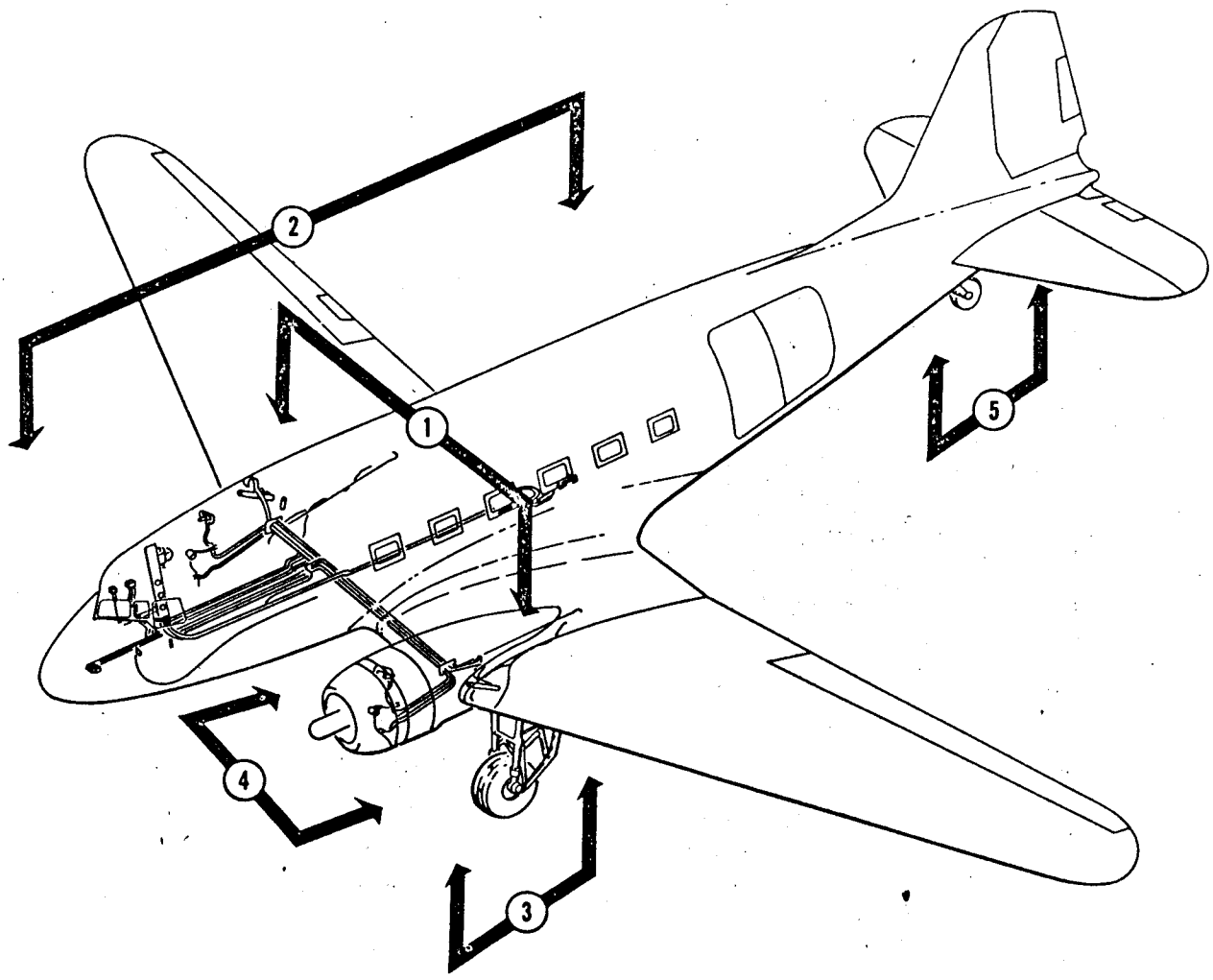


Figure 1-6. Hydraulic System

INDEX NO.	NOMENCLATURE	FIGURE NO.
1	CENTER WING SECTION	117, 119 AND 120
2	FUSELAGE SECTION	108 THRU 116, 118, 130 AND 130A
3	LANDING GEAR SECTION	123 THRU 129
4	ENGINE SECTION	61 AND 62
5	TAIL WHEEL	121 AND 122

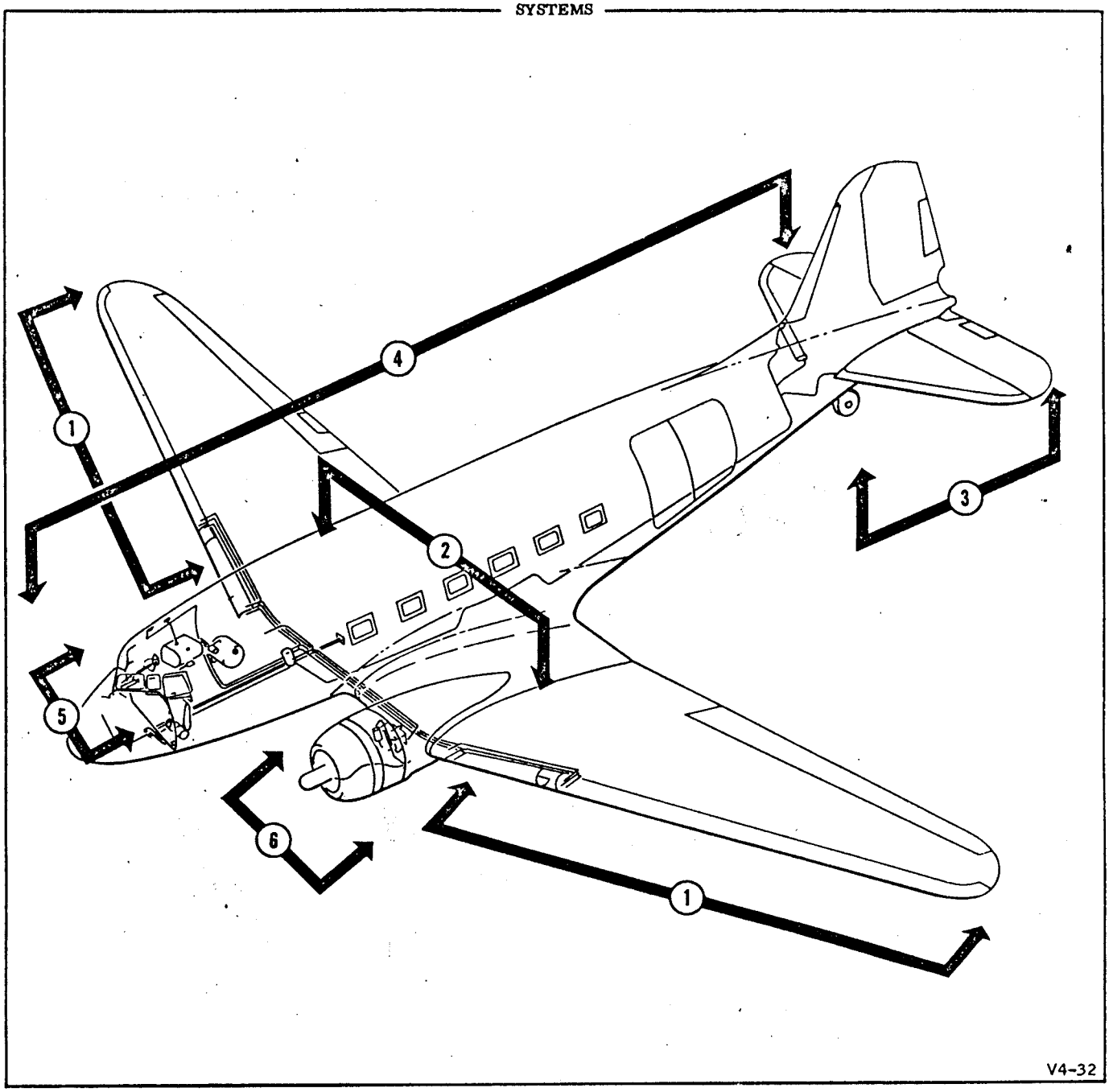


Figure 1-7. Ice Control System

INDEX NO.	NOMENCLATURE	FIGURE NO.
1	OUTER WING SECTION	131
2	CENTER WING SURFACE SECTION	133 AND 134
3	EMPENNAGE SECTION	136
4	FUSELAGE SURFACE SECTION	139
5	WINDSHIELD SECTION	132, 140 AND 141
6	PROPELLER AND CARBURETOR SECTION	132, 135, 137, 138 AND 141

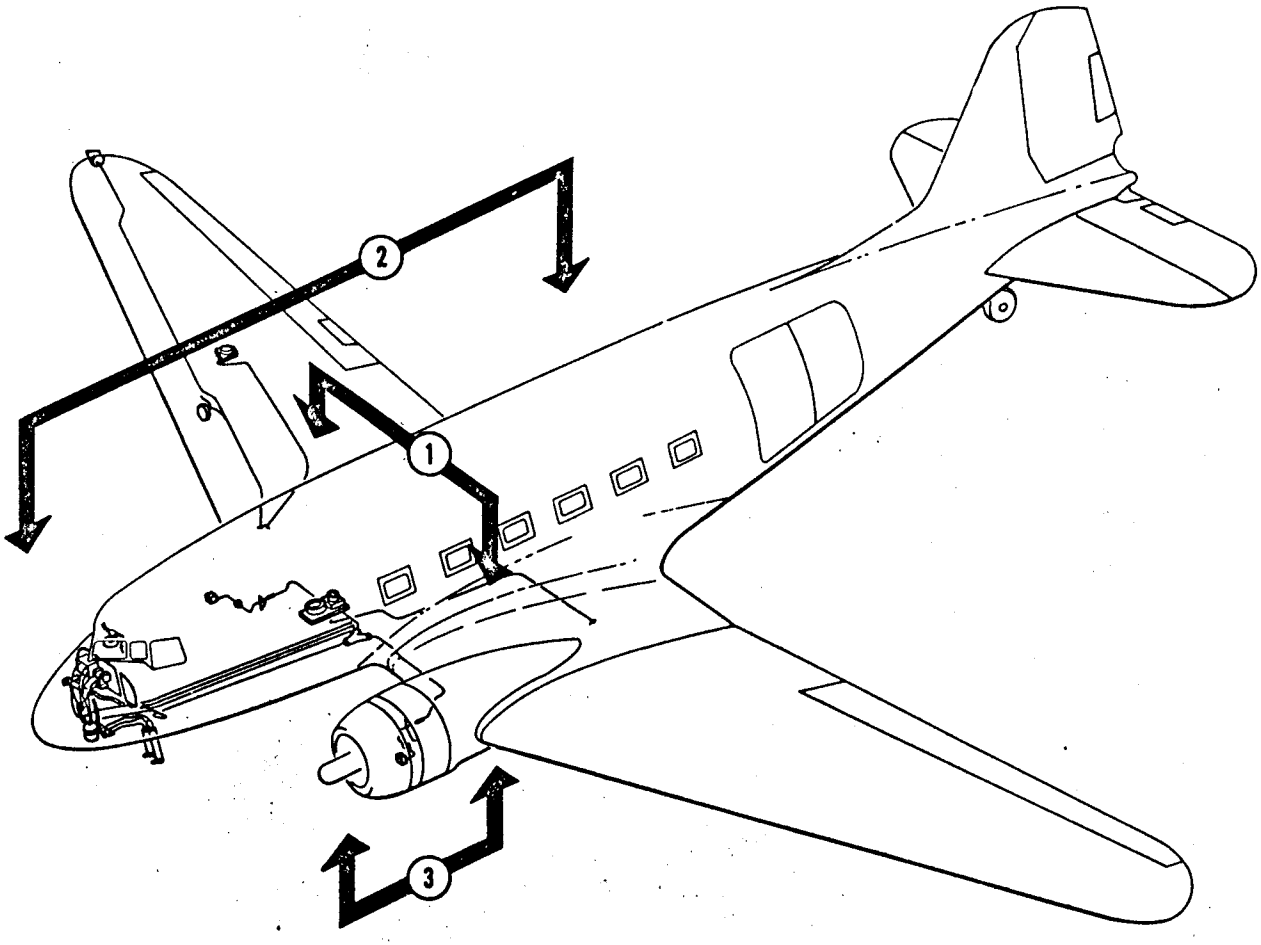


Figure 1-8. Instrument System

INDEX NO.	NOMENCLATURE	FIGURE NO.
1	CENTER WING SECTION	93
2	FUSELAGE SECTION	142 THRU 152
3	ENGINE SECTION	63

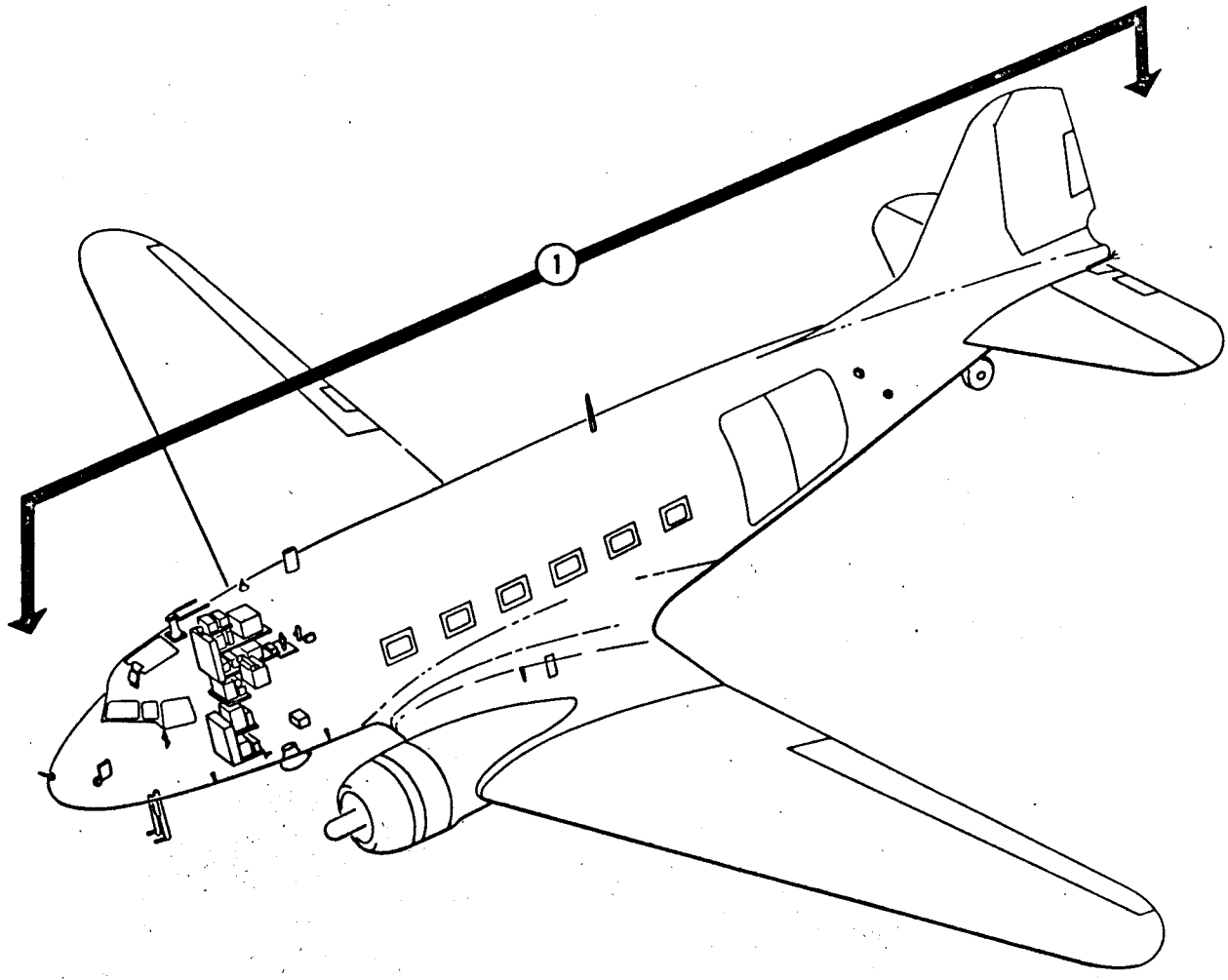


Figure 1-9. Radio System

INDEX NO.	NOMENCLATURE	FIGURE NO.
1	RADIO AND ELECTRONICS	153 THRU 189

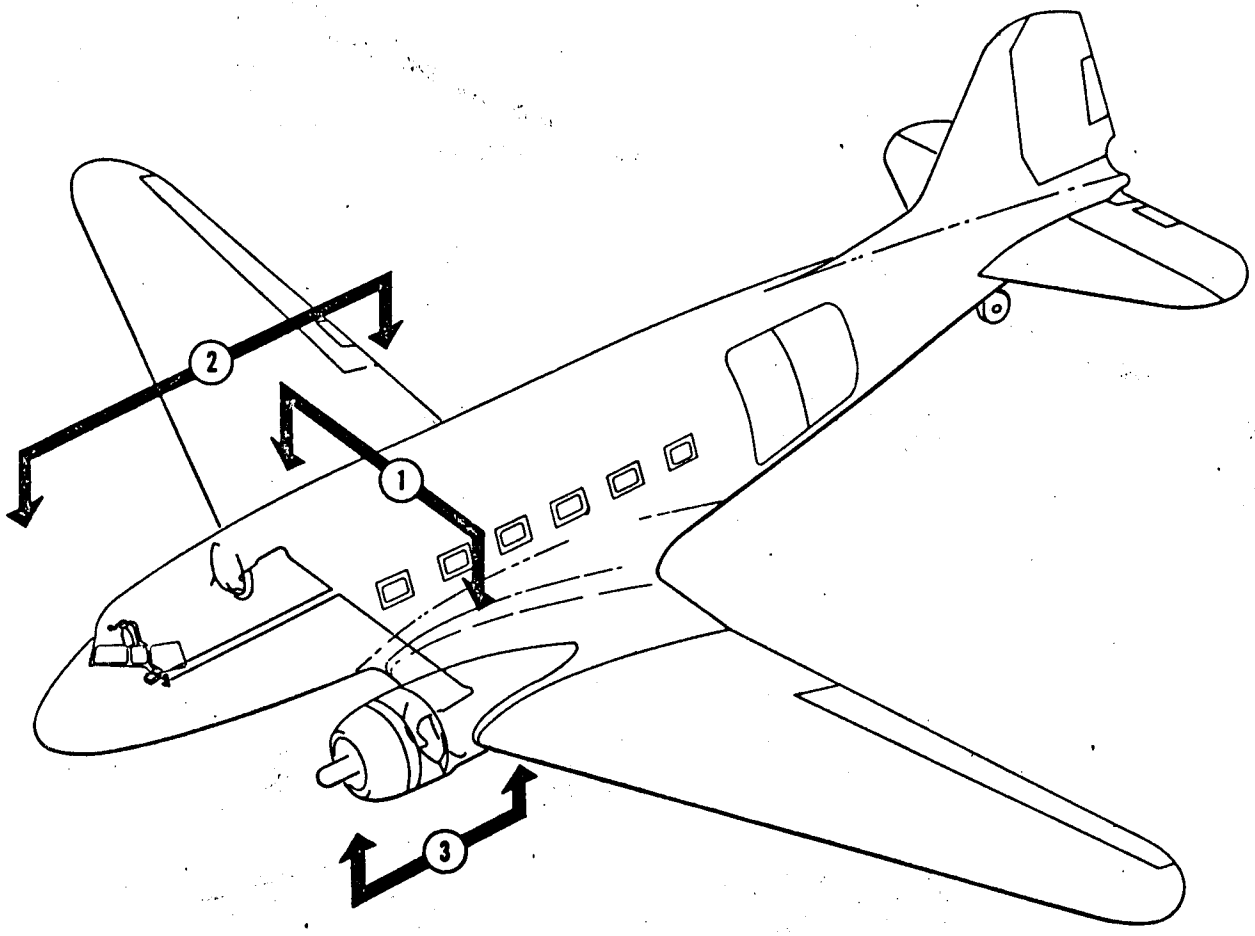


Figure 1-10. Fire Extinguisher System

INDEX NO.	NOMENCLATURE	FIGURE NO.
1	CENTER WING SECTION	190
2	FUSELAGE SECTION	191
3	ENGINE SECTION	69

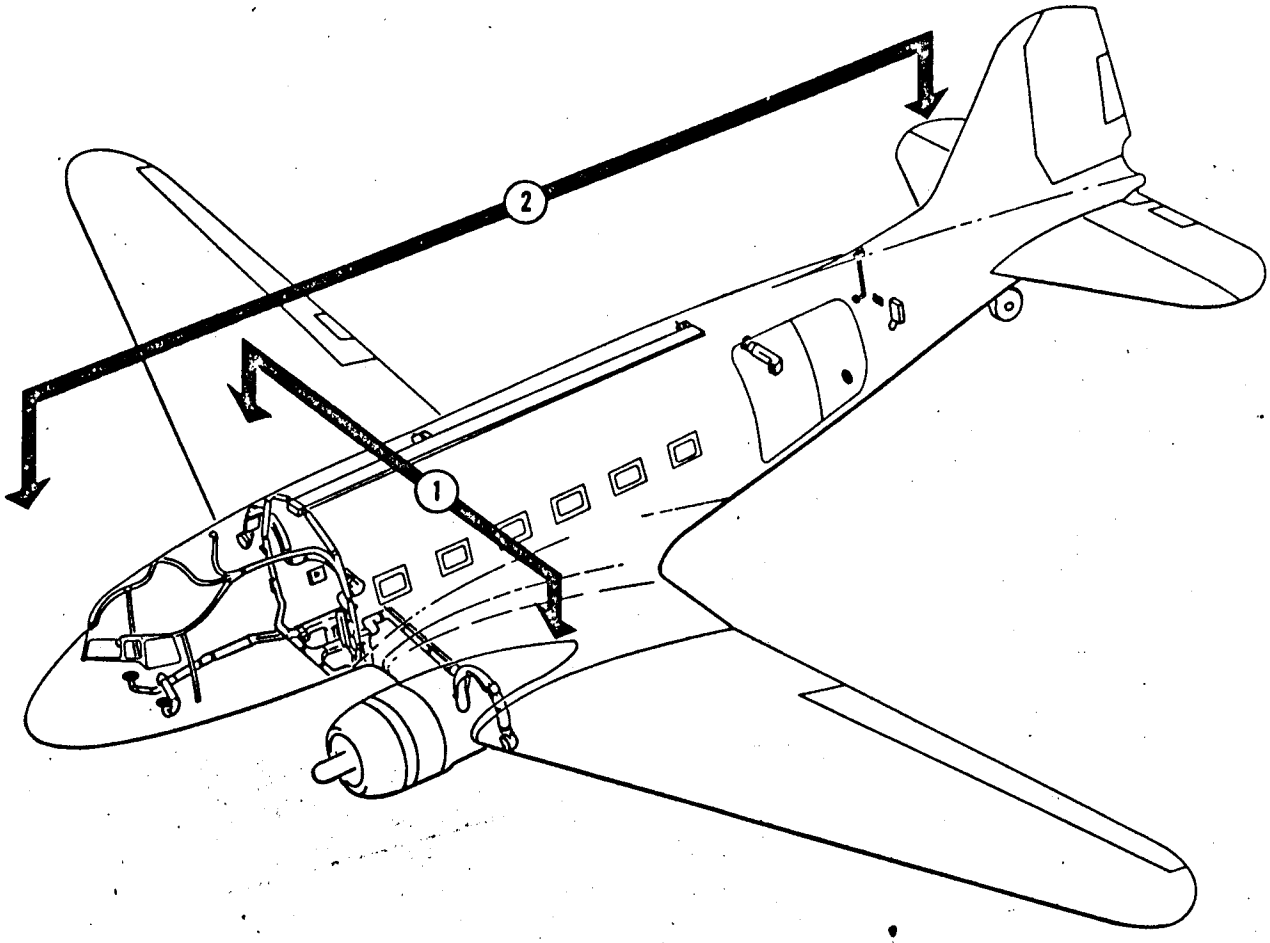


Figure 1-11. Air-Conditioning

INDEX NO.	NOMENCLATURE	FIGURE NO.
1	CENTER WING SECTION	218 AND 219
2	FUSELAGE SECTION	220 THRU 231

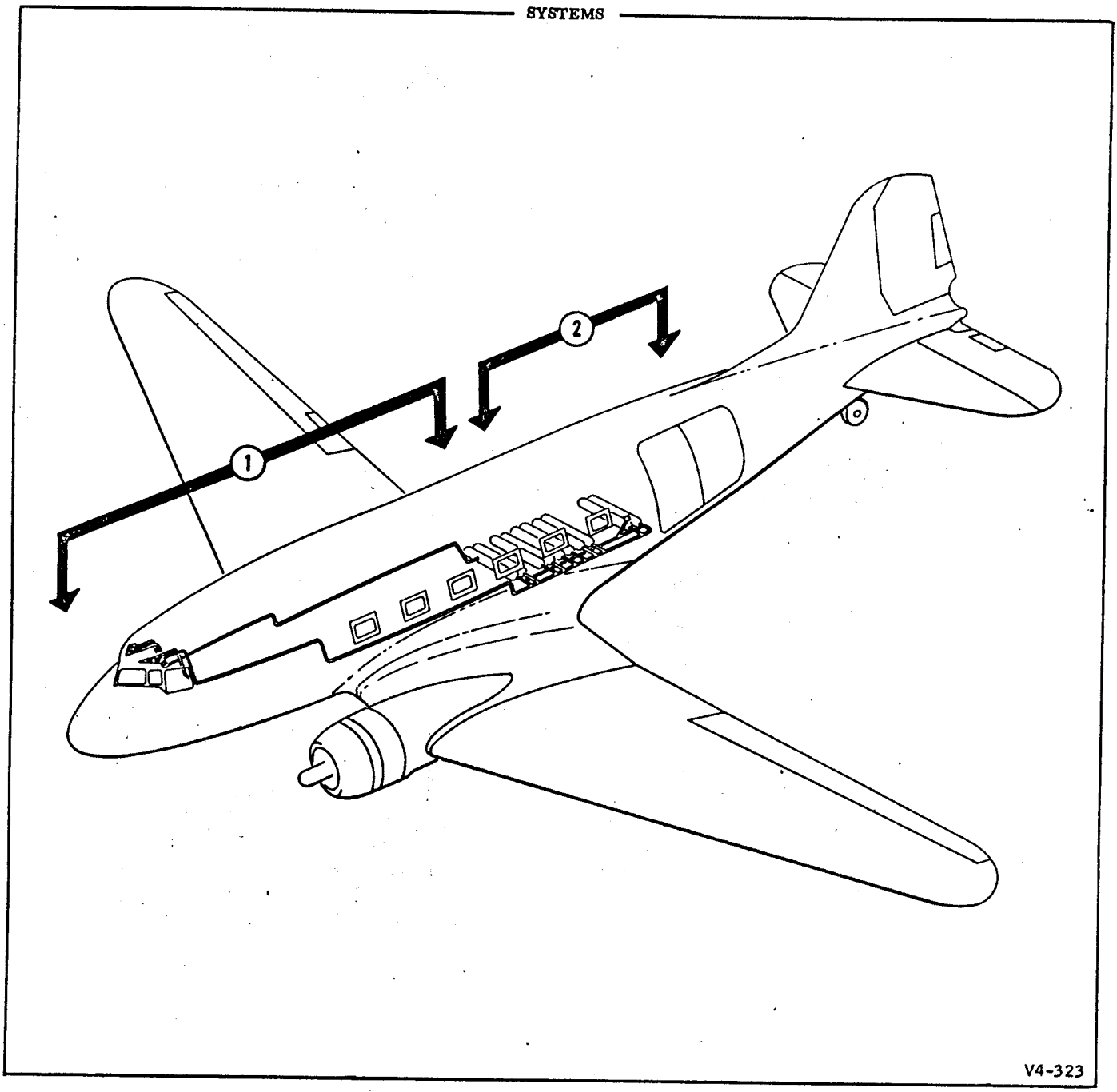


Figure 1-12. Oxygen System

INDEX NO.	NOMENCLATURE	FIGURE NO.
1	FUSELAGE FORWARD SECTION	232, 233, 235, 236, 238, 239 AND 241
2	FUSELAGE AFT SECTION	234, 237 AND 240 THRU 243

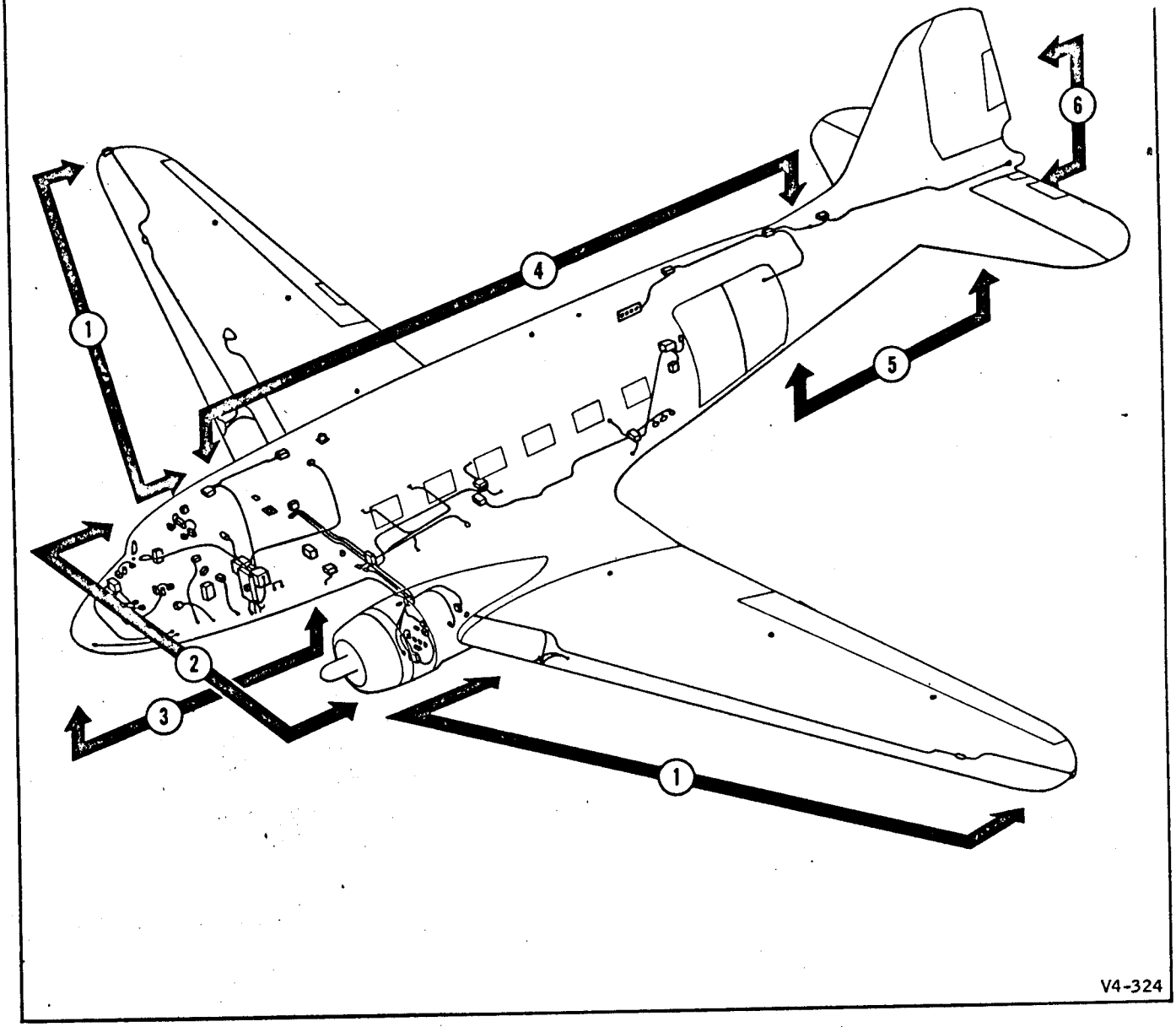


Figure 1-13. Electrical System

INDEX NO.	NOMENCLATURE	FIGURE NO.
1	OUTER WING SECTION	261
2	CENTER WING SECTION	190, 262 AND 263
3	FUSELAGE FORWARD SECTION	264 THRU 267 AND 274 THRU 279
4	FUSELAGE CENTER SECTION	268 AND 270 THRU 272
5	FUSELAGE AFT SECTION	269 AND 273
6	TAIL CONE SECTION	273

SECTION II

GROUP ASSEMBLY PARTS LIST

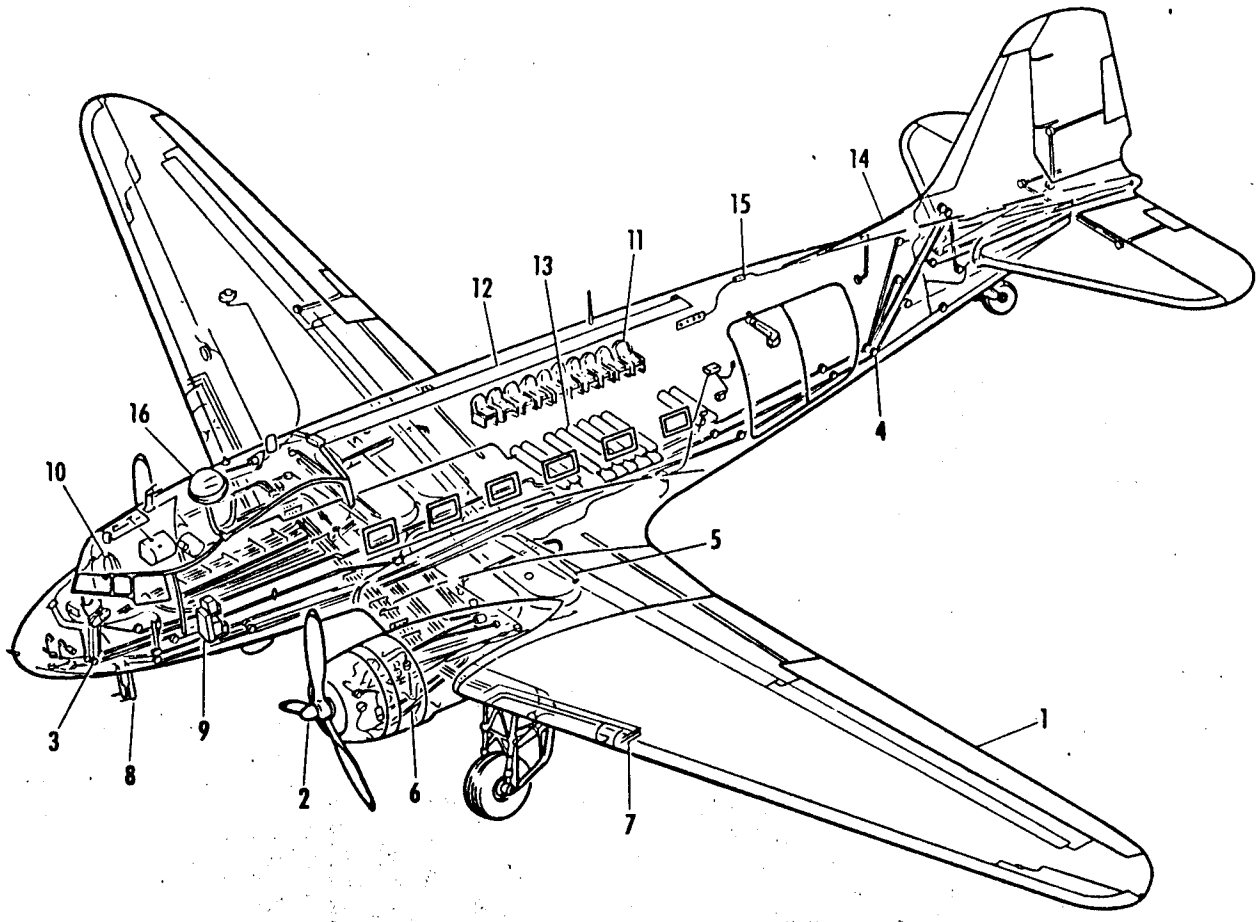


Figure 1. Complete Aircraft

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INDEX NO.	NOMENCLATURE	FIGURE NO.
1	AIRFRAMES	2- 37
2	POWER PLANT	38- 72
3	ENGINE CONTROLS	73- 78
4	FLIGHT CONTROLS	79- 96
5	FUEL AND OIL	97-107
6	HYDRAULICS	108-130
7	ICE CONTROL	131-141
8	INSTRUMENTS	142-152
9	RADIO AND ELECTRONICS	153-189
10	FIRE EXTINGUISHER	190-191
11	FURNISHINGS	192-217
12	AIR-CONDITIONING	218-231
13	OXYGEN	232-243
14	MARKINGS	244-260
15	ELECTRICAL	261-280
16	MISCELLANEOUS	281-306

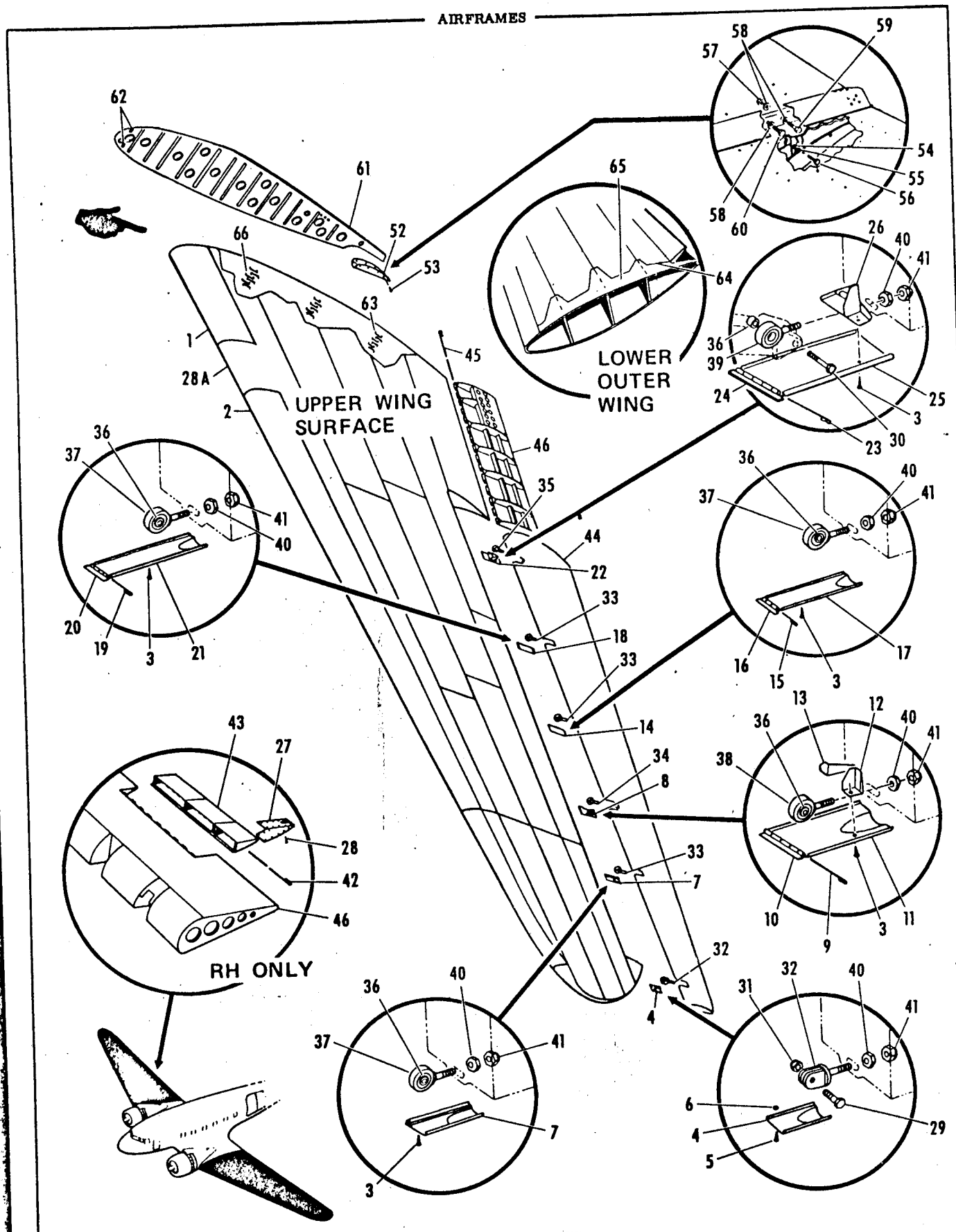


Figure 2. Complete Wing

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
2	5141401	WING INSTL, COMPLETE (SEE FIG. 3 FOR ADDITIONAL DETAILS)	1	A
	5110501	WING INSTL, COMPLETE (SEE FIG. 3 FOR ADDITIONAL DETAILS)	1	B
	5205212	WING INSTL, COMPLETE (SEE FIG. 3 FOR ADDITIONAL DETAILS)	1	C
	5188298	WING INSTL, COMPLETE (SEE FIG. 3 FOR ADDITIONAL DETAILS)	1	D
- 1	11-364-6-1	SHOE, DEICER NACELLE TO LIGHT (25472)	2	
- 2	11-364-7-1	SHOE, DEICER LIGHT TO TIP (25472)	2	
	5141402	WING ASSY, OUTER COMPLETE LH (SPARE PARTS ASSY 2142390)	1	AC
	5141402-1	WING ASSY, OUTER COMPLETE RH (SPARE PARTS ASSY 2142390-1)	1	AC
	5188292	WING ASSY, OUTER COMPLETE LH (SPARE PARTS ASSY 2185324)	1	D
	5188292-1	WING ASSY, OUTER COMPLETE RH (SPARE PARTS ASSY 2185324-1)	1	D
	5116324	COVER INSTL, AILERON HINGE SLOT	1	
- 3	MS24621-6	SCREW, (ALT PN AN530-8-6)	36	
- 4	2116848	COVER, NO. 6 AILERON HINGE CUTOUT LH	1	
	2116848-1	COVER, NO. 6 AILERON HINGE CUTOUT RH	1	
		(ATTACHING PARTS)		
- 5	MS24621-6	SCREW, (ALT PN AN530-8-6)	8	
- 6	NAS446-4-1	NUT, (ALT PN 1778M1 (78553))	8	
		---*---		
- 7	2116849	COVER, NO. 5 AILERON HINGE CUTOUT LH	1	
	2116849-1	COVER, NO. 5 AILERON HINGE CUTOUT RH	1	
- 8	2116886	COVER ASSY, NO. 4 AILERON HINGE CUTOUT LH	1	
	2116886-1	COVER ASSY, NO. 4 AILERON HINGE CUTOUT RH	1	
- 9	S121873S081-410	PIN, SAFETY	1	
- 10	2116886-4	HINGE, NO. 4 AILERON HINGE CUTOUT COVER LH (MAKE FROM S121874DC412)	1	
	2116886-5	HINGE, NO. 4 AILERON HINGE CUTOUT COVER RH (MAKE FROM S121874DC412)	1	
- 11	2116886-2	COVER, NO. 4 AILERON HINGE CUTOUT LH	1	
	2116886-3	COVER, NO. 4 AILERON HINGE CUTOUT RH	1	
- 12	1116820	BRACKET ASSY, NO. 4 AILERON HINGE CUTOUT SMALL MOUNTING LH	1	
	1116820-1	BRACKET ASSY, NO. 4 AILERON HINGE CUTOUT SMALL MOUNTING RH	1	
- 13	2116866	BRACKET ASSY, NO. 4 AILERON HINGE CUTOUT LARGE MOUNTING LH	1	
	2116866-1	BRACKET ASSY, NO. 4 AILERON HINGE CUTOUT LARGE MOUNTING RH	1	
- 14	2116901	COVER ASSY, NO. 3 AILERON HINGE CUTOUT LH	1	
	2116901-1	COVER ASSY, NO. 3 AILERON HINGE CUTOUT RH	1	
- 15	S121873S081-304	PIN, SAFETY	1	
- 16	2116901-4	HINGE, NO. 3 AILERON HINGE CUTOUT COVER LH (MAKE FROM S121874DC304)	1	
	2116901-5	HINGE, NO. 3 AILERON HINGE CUTOUT COVER RH (MAKE FROM S121874DC304)	1	
- 17	2116901-2	COVER, NO. 3 AILERON HINGE CUTOUT LH	1	
	2116901-3	COVER, NO. 3 AILERON HINGE CUTOUT RH	1	
- 18	2116884	COVER ASSY, NO. 2 AILERON HINGE CUTOUT LH	1	
	2116884-5	COVER ASSY, NO. 2 AILERON HINGE CUTOUT RH	1	
- 19	S121873S081-224	PIN, SAFETY	1	
- 20	2116884-4	HINGE, NO. 2 AILERON HINGE CUTOUT COVER LH (MAKE FROM S121874DC304)	1	
	2116884-5	HINGE, NO. 2 AILERON HINGE CUTOUT COVER RH (MAKE FROM S121874DC304)	1	
- 21	2116884-2	COVER, NO. 2 AILERON HINGE CUTOUT LH	1	
	2116884-3	COVER, NO. 2 AILERON HINGE CUTOUT RH	1	
- 22	2116883	COVER ASSY, NO. 1 AILERON HINGE CUTOUT LH	1	
	2116883-1	COVER ASSY, NO. 1 AILERON HINGE CUTOUT RH	1	
- 23	S121873S081-416	PIN, SAFETY	1	
- 24	2116883-4	HINGE, NO. 1 AILERON HINGE CUTOUT COVER LH (MAKE FROM S121874DC510)	1	
	2116883-5	HINGE, NO. 1 AILERON HINGE CUTOUT COVER RH (MAKE FROM S121874DC510)	1	
- 25	2116883-2	COVER, NO. 1 AILERON HINGE CUTOUT LH	1	
	2116883-3	COVER, NO. 1 AILERON HINGE CUTOUT RH	1	
- 26	2116882	BRACKET ASSY, NO. 1 AILERON HINGE COVER MOUNTING LH (DRILL ON INSTL)	1	
	2116882-1	BRACKET ASSY, NO. 1 AILERON HINGE COVER MOUNTING RH (DRILL ON INSTL)	1	
- 27	4116900	PLATE, AILERON HINGE TRIM TAB STA 141 (RH ONLY)	1	
		(ATTACHING PARTS)		
- 28	MS24621-5	SCREW, (ALT PN AN530-6-6)	20	
		---*---		

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
	CONTINUED			
2				
- 28A	5115200	WING ASSY, OUTER LH (SEE FIG. 4 FOR DETAILS)	1	
	5115200-1	WING ASSY, OUTER RH (SEE FIG. 4 FOR DETAILS)	1	
	5110502	SYSTEM INSTL, OUTER WING DEICER LH (SEE FIG. 131 FOR DETAILS)	1	
	5110502-1	SYSTEM INSTL, OUTER WING DEICER RH (SEE FIG. 131 FOR DETAILS)	1	
	5141214	SYSTEM INSTL, OUTER WING ELECTRICAL LH (SEE FIG. 261 FOR DETAILS)	1	AC
	5141214-1	SYSTEM INSTL, OUTER WING ELECTRICAL RH (SEE FIG. 261 FOR DETAILS)	1	AC
	5188287	SYSTEM INSTL, OUTER WING ELECTRICAL LH (SEE FIG. 261 FOR DETAILS)	1	D
	5188287-1	SYSTEM INSTL, OUTER WING ELECTRICAL RH (SEE FIG. 261 FOR DETAILS)	1	D
	5110504	CONTROL INSTL, OUTER WING FLIGHT LH (SEE FIG. 87 FOR DETAILS)	1	
	5110504-1	CONTROL INSTL, OUTER WING FLIGHT RH (SEE FIG. 87 AND 88 FOR DETAILS)	1	
	5203593	INSTRUMENT INSTL, OUTER WING RH (SEE FIG. 261 FOR DETAILS)	1	E
- 29	AN4-10	BOLT	2	
- 30	AN4-15	BOLT	10	
- 31	AN310-4	NUT	12	
- 32	1115671	BOLT, AILERON OUTBOARD HINGE FORK	2	
- 33	2116354-1	BOLT ASSY, AILERON HINGE EYE	6	
- 34	2116354-3	BOLT ASSY, AILERON HINGE EYE	2	
- 35	2116354-5	BOLT ASSY, AILERON HINGE EYE	2	
- 36	MS20200KP4	BEARING, (ALT PN AN200K4)	1	
- 37	2116354-2	BOLT, AILERON HINGE EYE (USED ON 2116354-1)	1	
- 38	2116354-4	BOLT, AILERON HINGE EYE (USED ON 2116354-3)	1	
- 39	2116354-6	BOLT, AILERON HINGE EYE (USED ON 2116354-5)	1	
- 40	AN315-5R	NUT	12	
- 41	MS20365-524	NUT, (ALT PN AN365-524)	12	
	2142385	AILERON ASSY, SPARE PARTS LH	1	
	2142385-1	AILERON ASSY, SPARE PARTS RH	1	
- 42	S121873S091-3326	PIN, SAFETY (RH ONLY)	1	
- 43	5115203	TAB ASSY, AILERON (RH ONLY) (SEE FIG. 6 FOR DETAILS)	1	
- 44	5115202	AILERON ASSY, LH (SEE FIG. 6 FOR DETAILS)	1	
	5115202-1	AILERON ASSY, RH (SEE FIG. 6 FOR DETAILS)	1	
- 45	1000759S120-5126	PIN, HOOD HINGE	4	
- 46	5115204	FLAP ASSY, OUTER WING LH (SEE FIG. 6 FOR DETAILS)	1	
	5115204-1	FLAP ASSY, OUTER WING RH (SEE FIG. 6 FOR DETAILS)	1	
- 47	DELETED			
- 48	DELETED			
- 49	DELETED			
- 50	DELETED			

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
2				
- 51	DELETED			
- 52	3116014	COVER, WING AND CENTER SECTION FLAP CUTOUT GAP	2	
		(DRILL ON INSTL)		
		(ATTACHING PARTS)		
- 53	MS35206-239	SCREW, (ALT PN AN515-8-8)	16	
- 54	MS20365D1032	NUT, (ALT PN AN365D1032)	40	
- 55	AN960D10	WASHER	80	
- 56	AN3-5A	BOLT	40	
- 57	MS20365-428C	NUT	656	
- 58	AN960C416	WASHER, (ALT PN 1011348) (SEE T.O. 1C-1-539)	AR	
- 59	AN4-7A	BOLT	204	
- 60	AN4-10A	BOLT	452	
- 61	5115913	RIB ASSY, WING STA 142 LH	1	
	5115913-1	RIB ASSY, WING STA 142 RH	1	
- 62	5115913-28	PAD, WING RIB	2	
- 63	5141401-2	BUMPER, WING RUB (MAKE FROM S1117439-1-001)	36	A
	5110501-2	BUMPER, WING RUB (MAKE FROM S1117439-1-001)	36	B
	5205212-2	BUMPER, WING RUB (MAKE FROM S1117439-1-001)	36	C
	5188298-2	BUMPER, WING RUB (MAKE FROM S1117439-1-001)	36	D
	5241287	WING ASSY, OUTER LH (SEE T.O. 1C-1-613)	1	
	5241287-1	WING ASSY, OUTER RH (SEE T.O. 1C-1-613)	1	
- 64	5241287-1400	ANGLE & DOUBLER LOWER REAR MATCHED SET LH	1	
		(INCLUDES -22 ANGLE AND -208 DOUBLER)		
	5241287-22	ANGLE, LH	1	
	5241287-208	DOUBLER, LH P/N 62D43493-1	1	
	5241287-1401	ANGLE & DOUBLER LOWER REAR MATCHED SET RH	1	
		(INCLUDES -23 ANGLE AND -208 DOUBLER) (62D43493-2)		
	5241287-23	ANGLE, RH	1	
	5241287-209	DOUBLER, RH P/N 62D43493-2	1	
- 65	5241287-1402	ANGLE & DOUBLER LOWER CENTER, MATCHED SET LH	1	
		(INCLUDES -20 ANGLE AND -206 DOUBLER)		
	5241287-20	ANGLE, LH	1	
	5241287-206	DOUBLER, LH P/N 62D43492-1	1	
	5241287-1403	ANGLE & DOUBLER LOWER CENTER, MATCHED SET RH	1	
		(INCLUDES -21 ANGLE AND -207 DOUBLER) (62D43492-2)		
	5241287-21	ANGLE, RH	1	
	5241287-207	DOUBLER, RH P/N 62D43492-2	1	
- 66	5115200-1404	ANGLE & DOUBLER MATCHED SET, UPPER LH	1	
	5115200-16	ANGLE, LH	1	
	511200-204	DOUBLER, LH	1	
	5115200-1405	ANGLE & DOUBLER MATCHED SET, UPPER RH	1	
	5115200-17	ANGLE, RH	1	
	5115200-205	DOUBLER, RH	1	
		A 001 THRU 025, 029 THRU 171, 178 THRU 209 AND 555 THRU 558		
		B 026 THRU 028		
		C 172 THRU 177 AND 210 THRU 541		
		D 542 THRU 554		
		E 030 THRU 056, 064 THRU 145 AND 149 THRU 558		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		
		* INSTALLED AS MATCHED SETS		

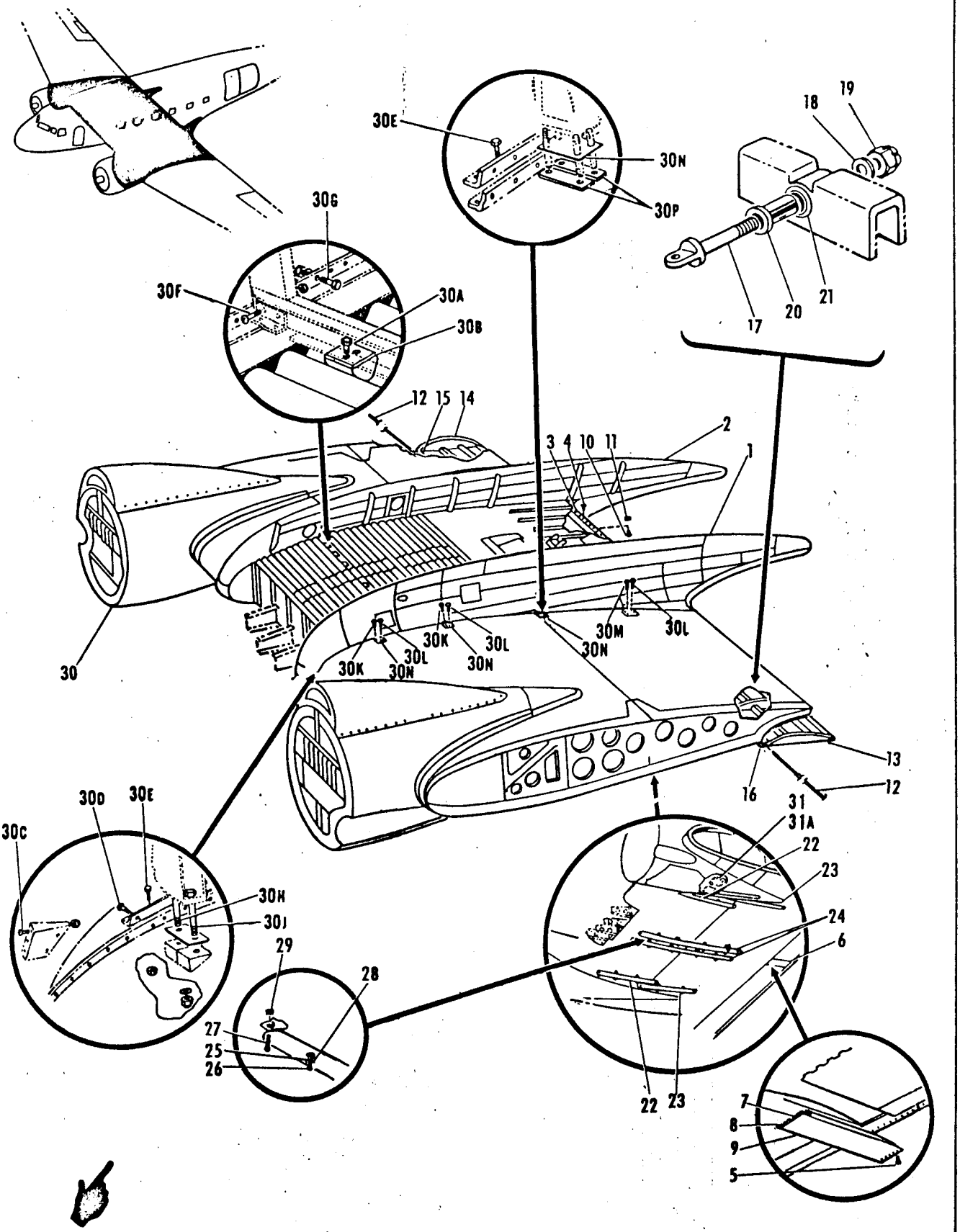


Figure 3. Complete Wing

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
3	5141401	WING INSTL, COMPLETE (SEE FIG. 2 FOR ADDITIONAL DETAILS)	1	A
	5110501	WING INSTL, COMPLETE (SEE FIG. 2 FOR ADDITIONAL DETAILS)	1	B
	5205212	WING INSTL, COMPLETE (SEE FIG. 2 FOR ADDITIONAL DETAILS)	1	C
	5188298	WING INSTL, COMPLETE (SEE FIG. 2 FOR ADDITIONAL DETAILS)	1	D
- 1	5114535	FILLET INSTL, WING LH (SEE FIG. 11 FOR DETAILS)	1	
- 2	5114535-1	FILLET INSTL, WING RH (SEE FIG. 11 FOR DETAILS)	1	
- 3	5141401-4	STRIP, WING	2	A
	5110501-4	STRIP, WING	2	B
	5205212-4	STRIP, WING	2	C
	5188298-4	STRIP, WING	2	D
		(ATTACHING PARTS)		
- 4	MS24621-17	SCREW, (ALT PN AN530-6-6)	48	E
	MS24621-17	SCREW, (ALT PN AN530-6-6)	50	B
- 5	AN507-1032R8	SCREW	5	
- 6	5130787	COVER ASSY, TRAILING EDGE WING FLAP GAP	1	
- 7	5130787-4	HINGE, TRAILING EDGE WING FLAP GAP COVER LH (MAKE FROM PN 1000760AS324)	1	
- 8	5130787-3	HINGE, TRAILING EDGE WING FLAP GAP COVER RH (MAKE FROM PN 1000760AS324)	1	
- 9	5130787-2	PLATE, TRAILING EDGE WING FLAP GAP COVER	1	
- 10	MS35207-263	SCREW, (ALT PN S124630-10R8)	48	
- 11	MS21044D3	NUT, (ALT PN AN365DF1032)	48	
- 12	1000759S120-3312	PIN, HOOD HINGE	8	
- 13	5115205	FLAP ASSY, CENTER WING LH	1	
- 14	5115205-1	FLAP ASSY, CENTER WING RH	1	
- 15	5115205-18	HINGE, CENTER WING FLAP LH INBOARD (MAKE FROM S1000760)	1	
	5115205-19	HINGE, CENTER WING FLAP RH INBOARD (MAKE FROM S1000760)	1	
- 16	5115205-28	HINGE, CENTER WING FLAP LH OUTBOARD (MAKE FROM S1000760)	1	
	5115205-27	HINGE, CENTER WING FLAP RH OUTBOARD (MAKE FROM S1000760)	1	
- 17	AN44-14	EYEBOLT	4	
- 18	AN960-516	WASHER	4	
- 19	AN310-5	NUT "	4	
- 20	1115111	BUSHING, WING FLAP EYEBOLT	4	
- 21	1115110	BUSHING, WING FLAP EYEBOLT (MAKE FROM S133582)	4	
- 22	3115669-1	FAIRING, WING TANK COVER OUTER JOINT (FRONT TO CENTER SPAR)	2	
- 23	3115669-2	FAIRING, WING TANK COVER OUTER JOINT (CENTER TO REAR SPAR)	2	
- 24	3115668	FAIRING, FRONT TO REAR SPAR COVER JOINT	2	
		(ATTACHING PARTS)		
- 25	1116061	CLIP, WING TANK COVER FAIRING ATTACH	50	E
	1116061	CLIP, WING TANK COVER FAIRING ATTACH	32	B
- 26	NO NUMBER	SCREW, NO. 6 X 3/8 IN. LENGTH (TYPE A) ROUND HEAD (45722)	58	A
	NO NUMBER	SCREW, NO. 6 X 3/8 IN. LENGTH (TYPE A) ROUND HEAD (45722)	40	B
	MS24621-17	SCREW, (ALT PN AN530-6-6)	58	F
- 27	MS35206-244	SCREW, (ALT PN AN526-832-7)	4	
- 28	AN960D6	WASHER	58	E
	AN960D6	WASHER	40	B
- 29	MS21044N08	NUT, (ALT PN AN365-832)	4	
- 30	4141417	WING AND NACELLE ASSY, COMPLETE CENTER (SPARE PARTS ASSY 4142013) (SEE FIG. 6A FOR DETAILS)	1	H
	4202726	WING AND NACELLE ASSY, COMPLETE CENTER (SPARE PARTS ASSY 4142013) (SEE FIG. 6A FOR DETAILS)	1	K
	4110505	WING AND NACELLE ASSY, COMPLETE CENTER (SPARE PARTS ASSY 4141708) (SEE FIG. 6A FOR DETAILS)	1	B
	4202727	WING AND NACELLE ASSY, COMPLETE CENTER (SPARE PARTS ASSY 4142013) (SEE FIG. 6A FOR DETAILS)	1	G
	4205680	WING AND NACELLE ASSY, COMPLETE CENTER (SPARE PARTS ASSY 4142013) (SEE FIG. 6A FOR DETAILS)	1	J
	4205213	WING AND NACELLE ASSY, COMPLETE CENTER (SPARE PARTS ASSY 4203862) (SEE FIG. 6A FOR DETAILS)	1	C
	4188293	WING AND NACELLE ASSY, COMPLETE CENTER (SPARE PARTS ASSY 4203862) (SEE FIG. 6A FOR DETAILS)	1	D

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
3	CONTINUED			
		(ATTACHING PARTS)		
- 30A	110242-3-5AH	BOLT, SPECIAL FULL THREADED	28	
- 30B	5110501-10	SHIM, WING	28	B
	5141401-10	SHIM, WING	28	GK
	5205212-10	SHIM, WING	4	C
	5188298-10	SHIM, WING	4	D
	AN936B10	WASHER	28	C
- 30C	AN520-10-10	SCREW	6	B,GK
	AN3-4A	BOLT	6	C
- 30D	AN3-5A	BOLT	16	
	AN365-1032	NUT	22	
- 30E	AN3-5A	BOLT	20	
- 30F	AN520-10-7	SCREW	24	B,GK
	AN3-4A	BOLT	24	CD
	AN365D1032	NUT	44	
- 30G	AN3-5A	BOLT	275	
	AN960D10	WASHER	275	
	AN365-1032	NUT	275	
- 30H	AN5-20	BOLT	4	B
	AN5-21A	BOLT	4	CD,GK
- 30J	1140184	SHIM, CENTER WING (STA 203)	2	
	AN960-516	WASHER	4	
	AN310-5	NUT	4	B
	AN365-524	NUT	4	CD,GK
- 30K	AN6-22	BOLT	8	B
- 30L	AN6-23	BOLT	12	B
- 30M	AN6-25	BOLT	4	B
	AN6-26A	BOLT	24	CD,GK
- 30N	1140183	SHIM, CENTER WING (STA 222, 258 AND 294)	4	
- 30P	2033901-11S390-005	SPACER	24	CD,GK
	AN960-616	WASHER	48	
	AN310-6	NUT	24	B
	AN365-624	NUT	24	CD,GK
-31	60B95500	DOOR, ACCESS, WING	2	
		(ATTACHING PARTS)		
-31A	AN3C4A	BOLT	16	
		A 001 THRU 025, 029 THRU 171, 178 THRU 209 AND 555 THRU 558		
		B 026 THRU 028		
		C 172 THRU 177 AND 210 THRU 541		
		D 542 THRU 554		
		E 001 THRU 025 AND 029 THRU 558		
		F 172 THRU 177 AND 183 THRU 554		
		G 057 THRU 092 AND 178		
		H 001, 002, 029 THRU 056 AND 555 THRU 558		
		J 093 THRU 145, 149 THRU 171 AND 179 THRU 209		
		K 003 THRU 025 AND 146 THRU 148		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

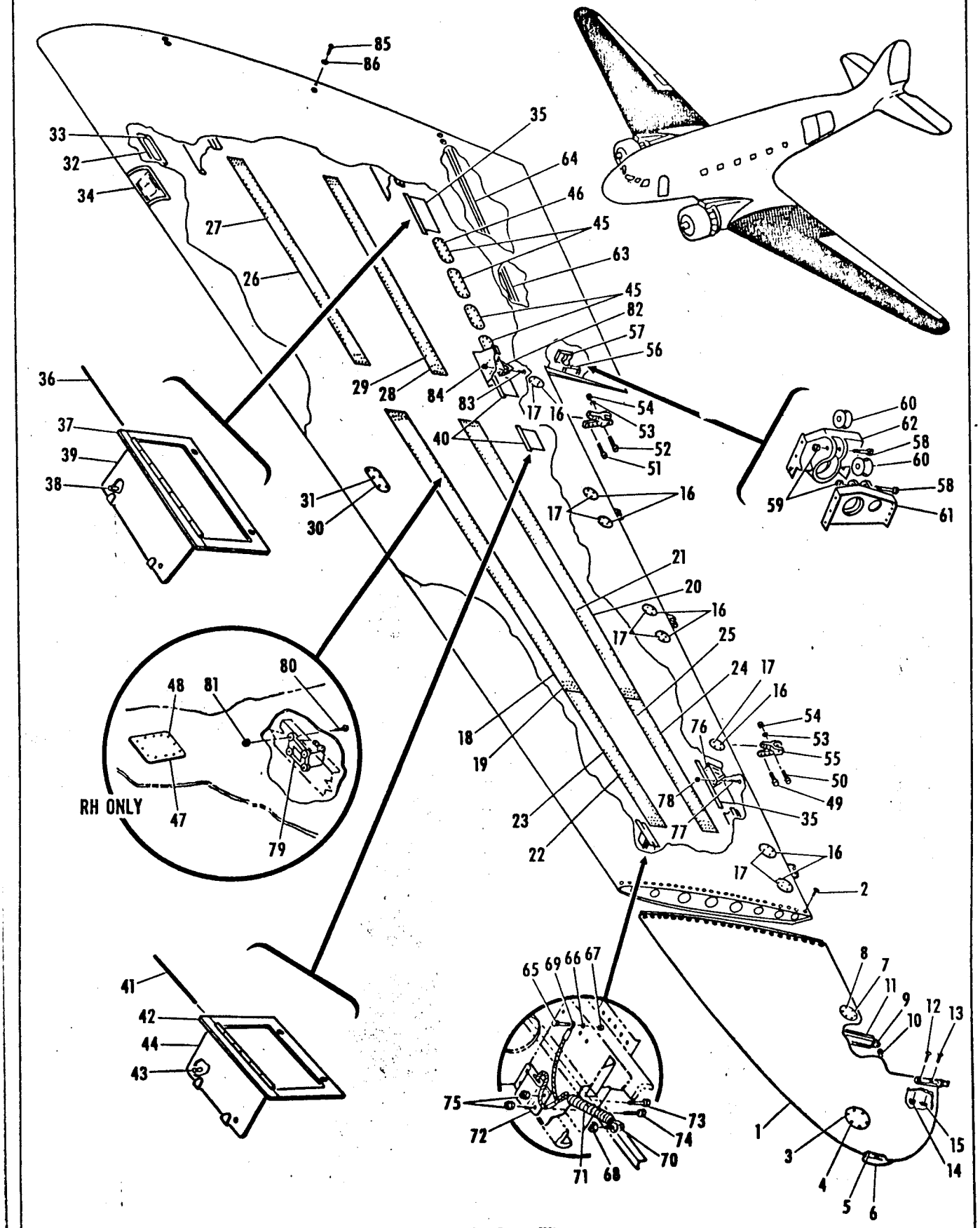


Figure 4. Outer Wing

V4-26

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
4	5115200	WING ASSY, OUTER LH (SPARE PARTS ASSY 5202121)	REF	
		(SEE FIG. 2 FOR NHA)		
	5115200-1	WING ASSY, OUTER RH (SPARE PARTS ASSY 5202121-1)	REF	
		(SEE FIG. 2 FOR NHA)		
- 1	5115201	TIP ASSY, WING LH	1	
	5115201-1	TIP ASSY, WING RH	1	
		(ATTACHING PARTS)		
- 2	MS27039-1-09	SCREW, (ALT PN AN525-10-9)	137	
- 3	5115201-70	COVER, WING TIP	1	
		(ATTACHING PARTS)		
- 4	MS35206-243	SCREW, (ALT PN S124630-8-6)	6	
- 5	MS35206-226	SCREW, (ALT PN AN526-632-4)	12	
- 6	5114968	BRACKET ASSY, WING TIP RUNNING LIGHT LH	1	
	5114968-1	BRACKET ASSY, WING TIP RUNNING LIGHT RH	1	
- 7	5115201-66	COLLAR, WING TIP LIGHTENING HOLE	1	
		(ATTACHING PARTS)		
- 8	MS35206-243	SCREW, (ALT PN S124630-8-6)	6	
	4284968	RIB ASSY, WING TIP AILERON HINGE STA 383 LH	1	
	4284968-1	RIB ASSY, WING TIP AILERON HINGE STA 383 RH	1	
- 9	1285133	BRACKET ASSY, WING TIP AILERON STA 383 LH	1	
	1285133-1	BRACKET ASSY, WING TIP AILERON STA 383 RH	1	
- 10	MS20201KP4A	BEARING, (SIZE ID TO 0.7495/0.7505 ON INSTL) (ALT PN KC4 (21335))	1	
- 11	1285133-2	PLATE, WING TIP AILERON BRACKET LH	1	
	1285133-3	PLATE, WING TIP AILERON BRACKET RH	1	
- 12	MS35206-245	SCREW, (ALT PN AN526-832-8)	2	
- 13	MS24621-18	SCREW, (ALT PN AN530-8R7)	2	
- 14	MS20365-832	NUT, (ALT PN AN365-832)	2	
- 15	NAS446-4-1	NUT, (ALT PN A1778-8Z3 (78553))	2	
- 16	5115200-364	DOOR, OUTER WING ACCESS	8	
		(ATTACHING PARTS)		
- 17	MS35206-245	SCREW, (ALT PN AN515-8-8)	4	
- 18	5115200-376	STRIP, OUTER WING INSPECTION LH	1	
	5115200-377	STRIP, OUTER WING INSPECTION RH	1	
		(ATTACHING PARTS)		
- 19	MS35206-245	SCREW, (ALT PN AN526-832-8)	AR	
- 20	5115200-378	STRIP, OUTER WING INSPECTION LH	1	
	5115200-379	STRIP, OUTER WING INSPECTION RH	1	
		(ATTACHING PARTS)		
- 21	MS35206-245	SCREW, (ALT PN AN526-832-8)	AR	
- 22	5115200-380	STRIP, OUTER WING INSPECTION LH	1	
	5115200-381	STRIP, OUTER WING INSPECTION RH	1	
		(ATTACHING PARTS)		
- 23	MS35206-245	SCREW, (ALT PN AN526-832-8)	AR	
- 24	5115200-382	STRIP, OUTER WING INSPECTION LH	1	
	5115200-383	STRIP, OUTER WING INSPECTION RH	1	
		(ATTACHING PARTS)		
- 25	MS35206-245	SCREW, (ALT PN AN526-832-8)	AR	
- 26	5115200-372	STRIP, OUTER WING INSPECTION LH	1	
	5115200-373	STRIP, OUTER WING INSPECTION RH	1	
		(ATTACHING PARTS)		
- 27	MS35206-245	SCREW, (ALT PN AN526-832-8)	AR	
- 28	5115200-374	STRIP, OUTER WING INSPECTION LH	1	
	5115200-375	STRIP, OUTER WING INSPECTION RH	1	
		(ATTACHING PARTS)		
- 29	MS35206-245	SCREW, (ALT PN AN526-832-8)	AR	
- 30	2115446	PLATE, WING INSPECTION COVER	1	
		(ATTACHING PARTS)		
- 31	MS35206-245	SCREW, (ALT PN S124630-8-8)	6	
- 32	5115200-362	DOOR, OUTER WING	1	
		(ATTACHING PARTS)		
- 33	MS35206-245	SCREW, (ALT PN S124630-8-8)	10	
- 34	5115506	SUPPORT INSTL, WING LANDING LIGHT LH (SEE FIG. 5 FOR DETAILS)	1	
	5115506-1	SUPPORT INSTL, WING LANDING LIGHT RH (SEE FIG. 5 FOR DETAILS)	1	

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
	CONTINUED			
4				
- 35	4115450	DOOR ASSY, OUTER WING AILERON CABLE INSPECTION	2	
- 36	S121873-091-1016	PIN, SAFETY	1	
- 37	4115450-2	HINGE, OUTER WING AILERON CABLE INSPECTION DOOR (MAKE FROM S129787D1304)	1	
- 38	S136713	KNOB, DOOR FASTENER	2	
- 39	4115450-1	DOOR, OUTER WING AILERON CABLE INSPECTION	1	
- 40	2115435	DOOR ASSEMBLY, WING INSPECTION	2	
- 41	S121873-091-624	PIN, SAFETY	1	
- 42	2115435-2	HINGE, WING INSPECTION DOOR (MAKE FROM S129787D912)	1	
- 43	S136713	KNOB, DOOR FASTENER	2	
- 44	2115435-1	DOOR, WING INSPECTION	1	
- 45	2115675	PLATE, WING INSPECTION COVER	4	
		(ATTACHING PARTS)		
- 46	MS35207-261	SCREW, (ALT PN S124630-10-6)	16	
- 47	5115200-388	COVER, OUTER WING (RH ONLY)	1	
		(ATTACHING PARTS)		
- 48	MS35206-245	SCREW, (ALT PN AN526-832-8)	12	
	5115495	RIB ASSY, AILERON HINGE STA 322 LH	1	
	5115495-1	RIB ASSY, AILERON HINGE STA 322 RH	1	
	5115492	RIB ASSY, AILERON HINGE STA 286 LH	1	
	5115492-1	RIB ASSY, AILERON HINGE STA 286 RH	1	
	5115503	RIB ASSY, AILERON HINGE STA 233 LH	1	
	5115503-1	RIB ASSY, AILERON HINGE STA 233 RH	1	
	5115510	RIB ASSY, AILERON HINGE STA 179 LH	1	
	5115510-1	RIB ASSY, AILERON HINGE STA 179 RH	1	
	5115502	RIB ASSY, AILERON HINGE STA 125 LH	1	
	5115502-1	RIB ASSY, AILERON HINGE STA 125 RH	1	
- 49	AN3-13	BOLT, (USED ON 5115492 AND 5115492-1)	4	
- 50	AN3-14	BOLT, (USED ON 5115492 AND 5115492-1)	2	
- 51	AN3-14	BOLT, (USED ON 5115502 AND 5115502-1)	3	
- 52	AN3-15	BOLT, (USED ON 5115502 AND 5115502-1)	3	
- 53	AN960-10	WASHER, (USED ON 5115492, 5115492-1, 5115502 AND 5115502-1)	6	
- 54	AN310-3	NUT, (USED ON 5115492, 5115492-1, 5115502 AND 5115502-1)	6	
- 55	S270944	HINGE, OUTER WING AILERON LH	1	
	S270944-1	HINGE, OUTER WING AILERON RH	1	
- 56	2115441	SUPPORT ASSY, FLAP OPERATING TUBE OUTER LH	4	
	2115441-1	SUPPORT ASSY, FLAP OPERATING TUBE OUTER RH	4	
- 57	2115442	SUPPORT ASSY, FLAP OPERATING TUBE INNER LH	3	
	2115442-1	SUPPORT ASSY, FLAP OPERATING TUBE INNER RH	3	
- 58	AN3-14	BOLT	1	
- 59	AN310-3	NUT	1	
- 60	S133658	ROLLER ASSY, FLAP OPERATING TUBE UPPER	1	
- 61	2115441-2	SUPPORT, FLAP OPERATING TUBE OUTER LH (LH ONLY) (MAKE FROM S2005468-2)	1	
	2115441-3	SUPPORT, FLAP OPERATING TUBE OUTER RH (RH ONLY) (MAKE FROM S2005468-3)	1	
- 62	2115442-2	SUPPORT, FLAP OPERATING TUBE INNER LH (LH ONLY) (MAKE FROM S2005504-2)	1	
	2115442-3	SUPPORT, FLAP OPERATING TUBE INNER RH (RH ONLY) (MAKE FROM S2005504-3)	1	
- 63	5115200-162	HINGE, OUTER WING HALF LH (LH ONLY) (MAKE FROM S1000760BS5223)	1	
	5115200-341	HINGE, OUTER WING HALF RH (LH ONLY) (MAKE FROM S1000760BS5223)	1	
- 64	5115200-342	HINGE, OUTER WING HALF LH (RH ONLY) (MAKE FROM S1000760BS5223)	1	
	5115200-161	HINGE, OUTER WING HALF RH (RH ONLY) (MAKE FROM S1000760BS5223)	1	
- 65	AN4-6	BOLT	1	
- 66	AN960D416	WASHER	1	
- 67	AN310-4	NUT	1	
- 68	AN310-3	NUT	1	
- 69	2115437	CABLE ASSY, OUTER WING TIEDOWN ATTACH	1	
- 70	AN42B3	EYEBOLT, (ALT PN AN42-3)	1	
- 71	87	SPRING, 19 W AND M GAGE (71447)	1	
	5115498	SPAR ASSY, OUTER WING FRONT LH	1	
	5115498-1	SPAR ASSY, OUTER WING FRONT RH	1	
- 72	1115431	BLOCK, WING OUTER PANEL TIEDOWN ATTACH CABLE (MAKE FROM S144303)	1	
		(ATTACHING PARTS)		
- 73	AN3-5A	BOLT	2	
- 74	AN3-6A	BOLT	2	
- 75	MS20365-1032	NUT, (ALT PN AN365-1032)	4	

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
	CONTINUED			
	5115509	SPAR ASSY, OUTER WING REAR LH	1	
	5115509-1	SPAR ASSY, OUTER WING REAR RH	1	
- 76	4115449	BRACKET, AILERON DIFFERENTIAL CONTROL OUTER (MAKE FROM S437658)	1	
		(ATTACHING PARTS)		
- 77	AN3-6	BOLT	4	
- 78	AN310-3	NUT	4	
- 79	2115433	BRACKET, AILERON TAB CONTROL DRUM (MAKE FROM S233308) (RH ONLY)	1	
		(ATTACHING PARTS)		
- 80	AN3-10	BOLT, (RH ONLY)	4	
- 81	AN310-3	NUT, (RH ONLY)	4	
- 82	4115448	BRACKET ASSY, AILERON DIFFERENTIAL CONTROL LH (MAKE FROM S437582)	1	
	4115448-1	BRACKET ASSY, AILERON DIFFERENTIAL CONTROL RH (MAKE FROM S437582)	1	
		(ATTACHING PARTS)		
- 83	AN3-6	BOLT	6	
- 84	AN310-3	NUT	6	
- 85	S1000402-2	BOLT, WING PANEL SPAR ATTACH SPECIAL	12	
- 86	AN960D513	WASHER	24	

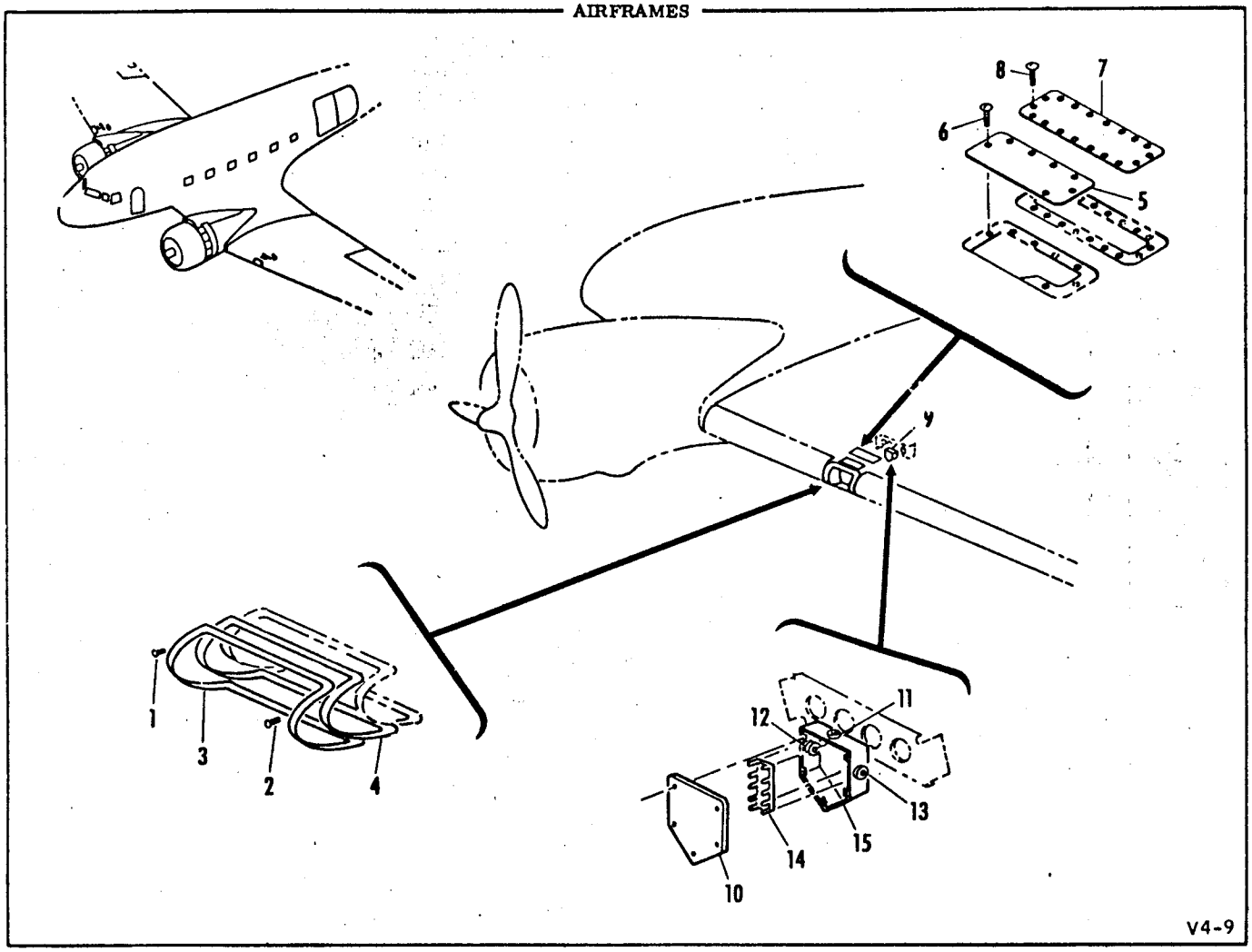
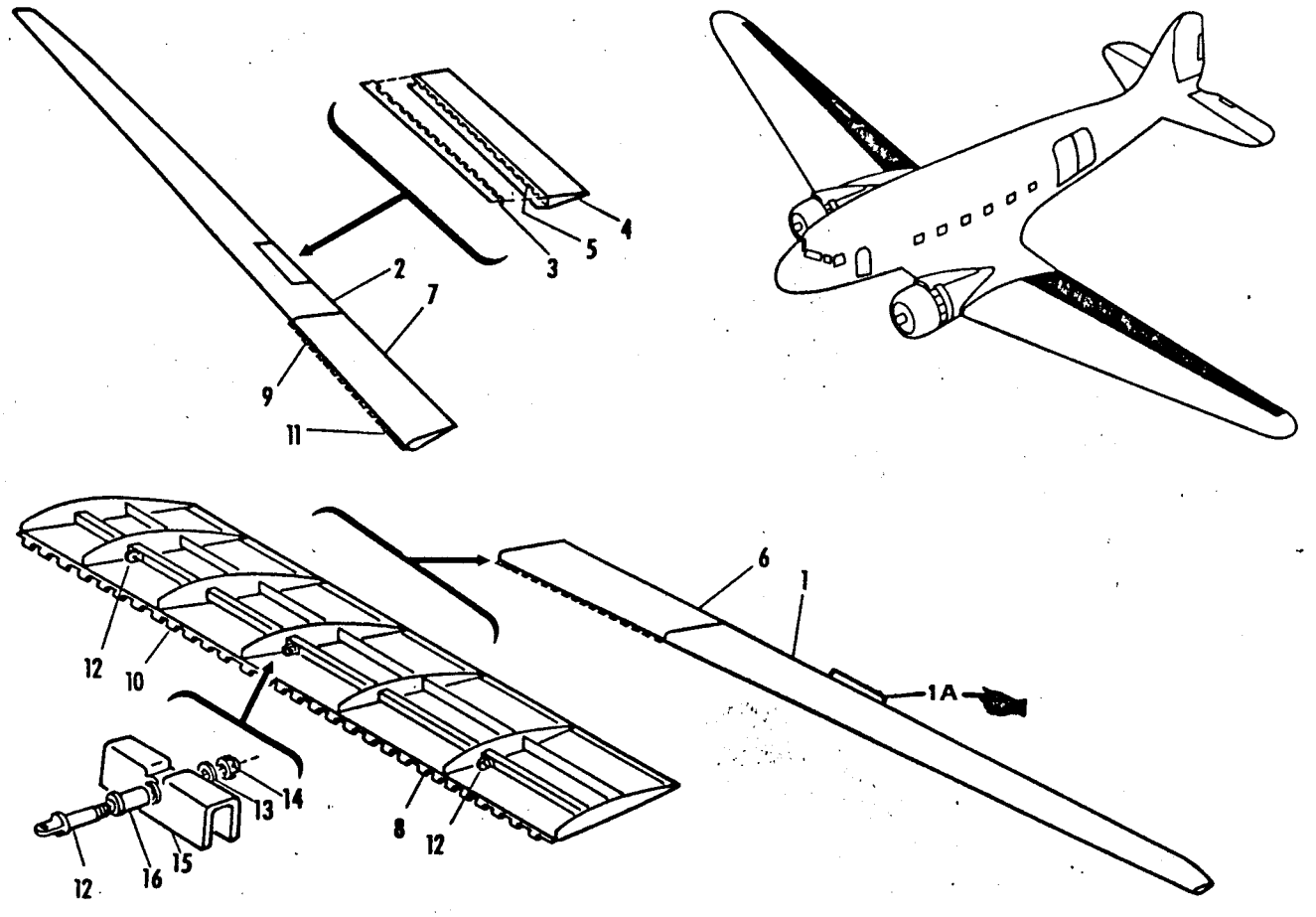


Figure 5. Wing Landing Light Support

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	U/A	USE CODE
5	5115506	SUPPORT INSTL, WING LANDING LIGHT LH (SEE FIG. 4 FOR NHA)	REF	
	5115506-1	SUPPORT INSTL, WING LANDING LIGHT RH (SEE FIG. 4 FOR NHA)	REF	
- 1	AN509-8R8	SCREW, (ALT PN S1029421-8-8)	22	
- 2	AN509-8R10	SCREW, (ALT PN S1029421-8-10)	2	
- 3	5115487	STRIP, WING LANDING LIGHT GLASS RETAINING OUTER LH	1	
	5115487-1	STRIP, WING LANDING LIGHT GLASS RETAINING OUTER RH	1	
- 4	5115501	STRIP, WING LANDING LIGHT GLASS RETAINING INNER LH	1	
	5115501-1	STRIP, WING LANDING LIGHT GLASS RETAINING INNER RH	1	
- 5	5115506-4	DOOR, WING LANDING LIGHT SUPPORT LH	1	
	5115506-5	DOOR, WING LANDING LIGHT SUPPORT RH	1	
		(ATTACHING PARTS)		
- 6	MS35206-245	SCREW, (ALT PN AN526-8-8)	7	
- 7	5115506-2	DOOR, WING LANDING LIGHT SUPPORT LH	1	
	5115506-3	DOOR, WING LANDING LIGHT SUPPORT RH	1	
		(ATTACHING PARTS)		
- 8	MS35206-245	SCREW, (ALT PN AN526-8-8)	18	
- 9	2115443	BOX ASSY, WING LANDING LIGHT JUNCTION LH	1	A
	2139938	BOX ASSY, WING LANDING LIGHT JUNCTION RH	1	A
- 10	S4009021-3	COVER ASSY, NO. 2 STANDARD 0.040 JUNCTION BOX	1	A
- 11	MS35489-4	GROMMET, (ALT PN AN931-3-5)	1	A
- 12	MS35489-13	GROMMET, (ALT PN AN931-7-11)	1	A
- 13	MS35489-11	GROMMET, (ALT PN AN931-6-10)	1	A
- 14	MS27212-6-4	STRIP ASSY, TERMINAL (ALT PN S2032879-8A4-16)	1	A
- 15	2115443-2	BOX, WING LANDING LIGHT JUNCTION LH	1	A
		(MAKE FROM S4009021-200N)		
	2139938-2	BOX, WING LANDING LIGHT JUNCTION RH	1	
		(MAKE FROM S4009021-200N)		
		A 001 THRU 009, 026 THRU 056, 149 THRU 177		
		210 THRU 470, 472 THRU 541, AND 555 THRU 558		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		



V4-7

Figure 6. Aileron, Tab, and Flaps

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
6		AILERON, TAB AND FLAPS		
- 1	5115202	AILERON ASSY, LH (SEE FIG. 2 FOR NHA)	REF	
- 1A	5115206-250	TAB, LH AILERON ONLY	1	
- 2	5115202-1	AILERON ASSY, RH (SEE FIG. 2 FOR NHA)	REF	
	5115202-2	FRAME ASSY, AILERON LH	1	
	5115202-3	FRAME ASSY, AILERON RH	1	
- 3	5115202-208	HINGE, AILERON (MAKE FROM S121874A0-3426) (RH ONLY)	1	
- 4	5115203	TAB ASSY, AILERON (RH ONLY) (SEE FIG. 2 FOR NHA)	REF	
- 5	5115203-12	HINGE, AILERON (MAKE FROM S121874BD3520)	1	
- 6	5115204	FLAP ASSY, OUTER WING LH (SEE FIG. 2 FOR NHA)	REF	
- 7	5115204-1	FLAP ASSY, OUTER WING RH (SEE FIG. 2 FOR NHA)	REF	
- 8	5115204-8	HINGE, OUTER WING FLAP OUTBOARD LH (MAKE FROM S1000760AS52-23)	1	
- 9	5115204-25	HINGE, OUTER WING FLAP OUTBOARD RH (MAKE FROM S1000760AS52-23)	1	
- 10	5115204-26	HINGE, OUTER WING FLAP INBOARD LH (MAKE FROM S1000760AS52-23)	1	
- 11	5115204-7	HINGE, OUTER WING FLAP INBOARD RH (MAKE FROM S1000760AS52-23)	1	
- 12	AN44-14	EYEBOLT	3	
- 13	AN960-516	WASHER	3	
- 14	AN310-5	NUT	3	
- 15	1115110	BEARING, WING FLAP EYEBOLT (MAKE FROM S133582)	3	
- 16	1115111	BUSHING, EYEBOLT WING FLAP	3	

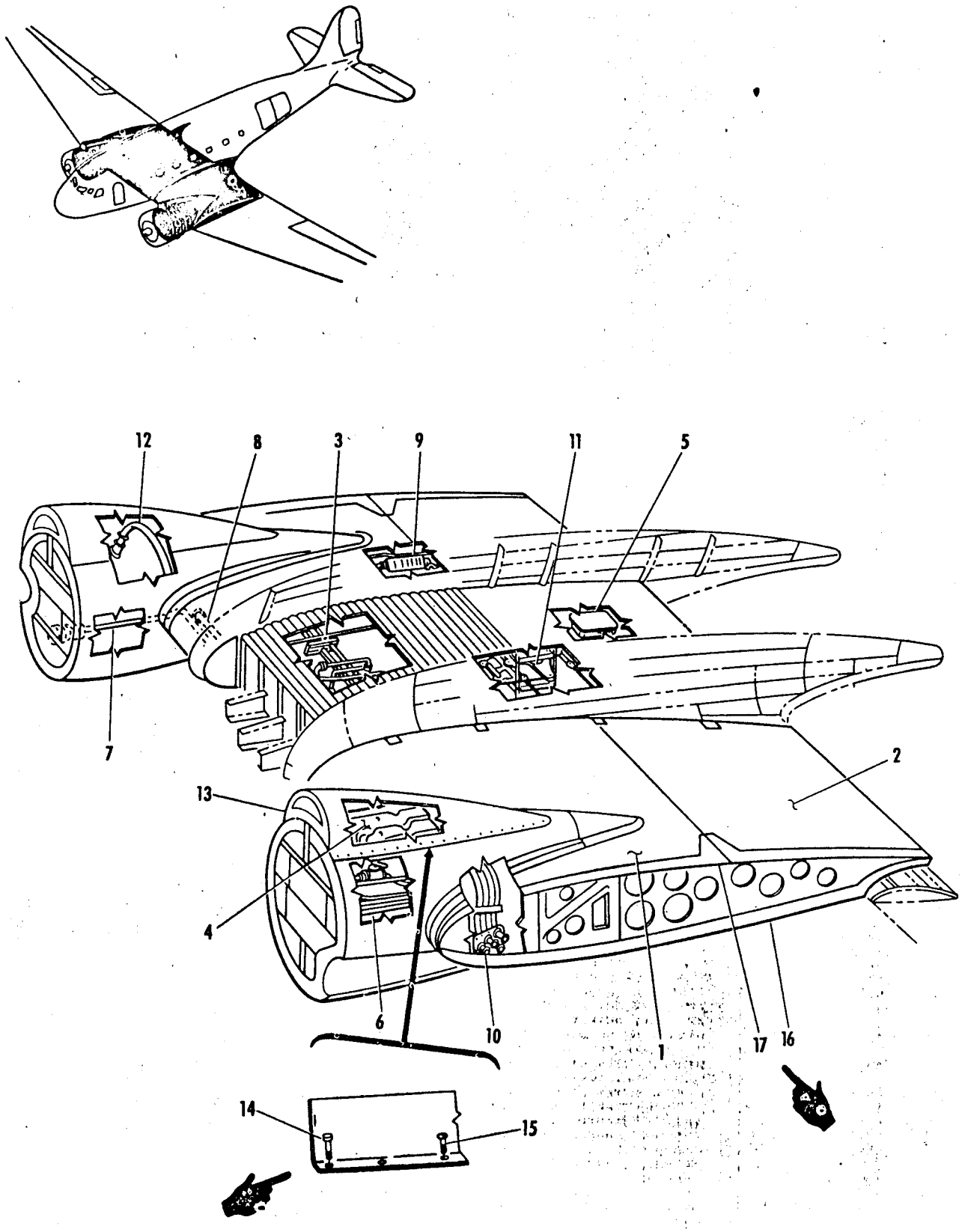


Figure 6A. Complete Center Wing and Nacelle

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
6A	4141417	WING AND NACELLE ASSY, COMPLETE CENTER (SPARE PARTS ASSY 4142013) (SEE FIG. 3 FOR NHA)	REF	A
	4202726	WING AND NACELLE ASSY, COMPLETE CENTER (SPARE PARTS ASSY 4142013) (SEE FIG. 3 FOR NHA)	REF	B
	4110505	WING AND NACELLE ASSY, COMPLETE CENTER (SPARE PARTS ASSY 4141708) (SEE FIG. 3 FOR NHA)	REF	C
	4202727	WING AND NACELLE ASSY, COMPLETE CENTER (SPARE PARTS ASSY 4142013) (SEE FIG. 3 FOR NHA)	REF	D
	4205680	WING AND NACELLE ASSY, COMPLETE CENTER (SPARE PARTS ASSY 4142013) (SEE FIG. 3 FOR NHA)	REF	E
	4205213	WING AND NACELLE ASSY, COMPLETE CENTER (SPARE PARTS ASSY 4203862) (SEE FIG. 3 FOR NHA)	REF	F
	4188293	WING AND NACELLE ASSY, COMPLETE CENTER (SPARE PARTS ASSY 4203862) (SEE FIG. 3 FOR NHA)	REF	G
- 1	5142056	WING AND NACELLE ASSY, FRONT SECTION CENTER (SEE FIG. 7 AND 8 FOR DETAILS)	1	R
	5110506	WING AND NACELLE ASSY, FRONT SECTION CENTER (SEE FIG. 7 AND 8 FOR DETAILS)	1	C
	5188770	WING AND NACELLE ASSY, FRONT SECTION CENTER (SEE FIG. 7 AND 8 FOR DETAILS)	1	G
- 2	5112584	WING ASSY, REAR SECTION CENTER (SEE FIG. 10 FOR DETAILS)	1	AF
	5188733	WING ASSY, REAR SECTION CENTER (SEE FIG. 10 FOR DETAILS)	1	G
- 3	5141802	SYSTEM INSTL, CENTER WING FUEL (SEE FIG. 97, 98 AND 100 THRU 103 FOR DETAILS)	1	AD
	5203727	SYSTEM INSTL, CENTER WING FUEL (SEE FIG. 99 THRU 103 FOR DETAILS)	1	EF
	5324103	SYSTEM INSTL, CENTER WING FUEL (SEE FIG. 99 THRU 103 FOR DETAILS)	1	G
- 4	5141803	SYSTEM INSTL, CENTER WING OIL (SEE FIG. 107 FOR DETAILS)	1	AE
	5189513	SYSTEM INSTL, CENTER WING OIL (SEE FIG. 107 FOR DETAILS)	1	FG
- 5	5141404	SYSTEM INSTL, CENTER WING SECTION ELECTRICAL (SEE FIG. 262 FOR DETAILS)	1	AD,H
	5205093	SYSTEM INSTL, CENTER WING SECTION ELECTRICAL (SEE FIG. 262 FOR DETAILS)	1	F,J
	5188291	SYSTEM INSTL, CENTER WING SECTION ELECTRICAL (SEE FIG. 262 FOR DETAILS)	1	G
- 6	5110513	SYSTEM INSTL, CENTER WING HYDRAULIC (SEE T.O. 1C-1-31) (SEE FIG. 117 FOR DETAILS)	1	C,K
	5141942	SYSTEM INSTL, CENTER WING HYDRAULIC (SEE T.O. 1C-1-31) (SEE FIG. 117 FOR DETAILS)	1	L
	5203836	SYSTEM INSTL, CENTER WING HYDRAULIC (SEE T.O. 1C-1-31) (SEE FIG. 117 FOR DETAILS)	1	FG
- 7	5110514	INSTRUMENT INSTL, CENTER WING (SEE FIG. 93 FOR DETAILS)	1	
- 8	5110515	AUTOMATIC PILOT INSTL, CENTER WING (SEE FIG. 93 FOR DETAILS)	1	
- 9	5139642	SYSTEM INSTL, CENTER WING CARBURETOR DEICER (SEE FIG. 135 FOR DETAILS)	1	AF
	5188574	SYSTEM INSTL, CENTER WING WINDSHIELD AND CARBURETOR LIQUID DEICER (SEE FIG. 132 AND 135 FOR DETAILS)	1	G
	5110517	SYSTEM INSTL, CENTER WING FIRE EXTINGUISHER (SEE FIG. 190 FOR DETAILS)	1	AD,Q
	5204325	SYSTEM INSTL, CENTER WING FIRE EXTINGUISHER (SEE FIG. 190 FOR DETAILS)	1	H
	5110519	SYSTEM INSTL, CENTER WING PROPELLER DEICER (SEE FIG. 135 FOR DETAILS)	1	
- 10	5141405	SYSTEM INSTL, CENTER WING SURFACE DEICER (SEE FIG. 133 AND 134 FOR DETAILS)	1	
- 11	5110520	CONTROL INSTL, CENTER WING FLIGHT (SEE FIG. 79 AND 80 FOR DETAILS)	1	
- 12	5110521	SYSTEM INSTL, CENTER WING HEATING (SEE FIG. 218 FOR DETAILS)	1	N
	5141467	SYSTEM INSTL, CENTER WING HOT AIR (SEE FIG. 219 FOR DETAILS)	1	M
	5189184	SYSTEM INSTL, CENTER WING HOT AIR (SEE FIG. 219 FOR DETAILS)	1	G
- 13	5141319	FILTER ASSY, NONRAM CARBURETOR AFT AIR (SEE FIG. 12 FOR DETAILS)	1	FG,P
		(ATTACHING PARTS)		
- 14	AN3-4A	BOLT	16	FG
- 15	AN526-1032-8	SCREW	64	FG
	4141708	WING AND NACELLE ASSY, COMPLETE CENTER SPARE PARTS	1	C
	4142013	WING AND NACELLE ASSY, COMPLETE CENTER SPARE PARTS	1	S
	4203862	WING AND NACELLE ASSY, COMPLETE CENTER SPARE PARTS	1	T
	4141000	LATCH ASSY, MECHANICAL UNIT SPARE PARTS LH (SEE FIG. 129 FOR DETAILS)	1	
	4141000-1	LATCH ASSY, MECHANICAL UNIT SPARE PARTS RH (SEE FIG. 129 FOR DETAILS)	1	
	2117032-1	CABLE ASSY, LANDING GEAR LATCH CONTROL	1	
	2117032-4	CABLE ASSY, LANDING GEAR LATCH CONTROL	1	
	2117069	BRACKET, LANDING GEAR LATCH OUTER PULLEY UPPER LH	1	
	2117069-1	BRACKET, LANDING GEAR LATCH OUTER PULLEY UPPER RH	1	
	2117070	BRACKET, LANDING GEAR LATCH OUTER PULLEY LOWER LH	1	
	2117070-1	BRACKET, LANDING GEAR LATCH OUTER PULLEY LOWER RH	1	
	S143908-0125028-12S	WASHER	4	
	S143908-0145030-12S	WASHER	4	
	1117425-3D020	EYEBOLT, PILOT HAT SPECIAL	2	
	AN3-10	BOLT	2	
	AN3-30	BOLT	2	
	MS21251-2S	BARREL	4	
	AN210-1A	PULLEY	4	
	AN210-2A	PULLEY	8	
	AN310-3	NUT	4	

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
6A	AN310-6	NUT	4	
	AN310-7	NUT	4	
	AN365D1032	NUT	2	
	AN501-10-8	SCREW	4	
	AN501A10-5	SCREW	4	
	AN520-10-16	SCREW	2	
	AN960-10L	WASHER	8	
	5110584	CONTROL INSTL, ENGINE (SEE FIG. 73, 74, AND 75 FOR DETAILS)	NP	U
	5109723	CONTROL INSTL, ENGINE (SEE FIG. 73, 74, AND 75 FOR DETAILS)	NP	V
	4115223	BRAKE INSTL, FLIGHT WHEEL (SEE FIG. 12 FOR DETAILS)	NP	
	1130217	BRACKET, COWLING FLAP INDICATOR TUBE	2	
	1116576	HOUSING, ENGINE MOUNT SHOCK BUSHING FRONT (USED ON 4203862)	8	T
	1117776	ELBOW, OIL TANK HOSE 1 IN. (USED ON 4203862)	2	T
	AC37D6210	SOLENOID ASSY, (USED ON 4203862)	2	T
	AN3-5A	BOLT, (USED ON 4203862)	8	T
	AN3-6A	BOLT, (USED ON 4203862)	12	T
	AN4-14	BOLT, (USED ON 4203862)	2	T
	AN4-32	BOLT, (USED ON 4203862)	2	T
	AN310-4	NUT, (USED ON 4203862)	4	T
	AN365-1032	NUT, (USED ON 4203862)	20	T
	AN393-9	PIN, (USED ON 4203862)	12	T
	AN960D10	WASHER, (USED ON 4203862)	12	T
	AN960D416	WASHER, (USED ON 4203862)	4	T
	132100-4-7A	BOLT, (USED ON 4203862)	6	T
	1113391	BELLCRANK ASSY, THROTTLE OPERATING LH (USED ON 4203862) (SEE FIG. 75 FOR DETAILS)	1	T
	1113392	BELLCRANK ASSY, THROTTLE OPERATING RH (USED ON 4203862) (SEE FIG. 75 FOR DETAILS)	1	T
	5355026-8	QUADRANT ASSY, ENGINE CONTROL LH (USED ON 4203862) (ADDED PER T.O. 1C-1-31) (SEE FIG. 75 FOR DETAILS)	1	T
	5355026-9	QUADRANT ASSY, ENGINE CONTROL RH (USED ON 4203862) (ADDED PER T.O. 1C-1-31) (SEE FIG. 75 FOR DETAILS)	1	T
	5355026-6	QUADRANT ASSY, ENGINE CONTROL (USED ON 4203862) (ADDED PER T.O. 1C-1-31) (SEE FIG. 75 FOR DETAILS)	2	T
	5355026-4	QUADRANT ASSY, ENGINE CONTROL LH (USED ON 4203862) (ADDED PER T.O. 1C-1-31) (SEE FIG. 75 FOR DETAILS)	1	T
	5355026-5	QUADRANT ASSY, ENGINE CONTROL RH (USED ON 4203862) (ADDED PER T.O. 1C-1-31) (SEE FIG. 75 FOR DETAILS)	1	T
	1117731	BELLCRANK ASSY, CARBURETOR AIR OPERATING (USED ON 4203862) (SEE FIG. 75 FOR DETAILS	2	T
	2117734	BRACKET, THROTTLE CONTROL BELLCRANK SUPPORT (USED ON 4203862)	2	T
	2117736	BRACKET, CARBURETOR AIR THROTTLE AND MIXTURE OPERATING (USED ON 4203862)	2	T
	4113270	BRACKET ASSY, AUTOMATIC MIXTURE CONTROL LEVER LH (USED ON 4203862) (SEE FIG. 75 FOR DETAILS)	1	T
	4113270-1	BRACKET ASSY, AUTOMATIC MIXTURE CONTROL LEVER RH (USED ON 4203862) (SEE FIG. 75 FOR DETAILS)	1	T
- 16	5110506-1422	ANGLE AND SPLICE, LOWER CENTER MATCHED SET LH (INCLUDES -20 ANGLE AND -6 AND -8 SPLICES)	1	
	5406787-20	ANGLE LH	1	
	5406787-6	SPLICE	1	
	5406787-8	SPLICE	1	
	5110506-1423	ANGLE AND SPLICE LOWER CENTER MATCHED SET RH (INCLUDES -21 ANGLE AND -6 AND -8 SPLICES)	1	
	5406787-21	ANGLE	1	
	5406787-6	SPLICE	1	
	5406787-8	SPLICE	1	
	5406787-3	DOUBLER	2	
	5406787-9	SHIM	2	
	5406787-11	SHIM	2	
	5406787-13	DOUBLER	2	
	5406787-15	SHIM	2	
	1116560	STUD	8	
	1116561	WASHER	8	
	7460981-418	WASHER	2	
		(ATTACHING PARTS)		
	S1000402	BOLT	10	
	22A17-054	NUT, PLATE	10	
	AN960D516	WASHER	20	
	AN6-5A	BOLT	2	
- 17	7635343-5	ANGLE AND DOUBLER MATCHED SET LH	1	
	5110506-16	ANGLE LH	1	
	5110506-52	DOUBLER LH	1	
	7635343-9	ANGLE AND DOUBLER MATCHED SET RH	1	
	5110506-17	ANGLE RH	1	
	5110506-53	DOUBLER RH	1	

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7	DESCRIPTION	U/A	USE CODE
6A	CONTINUED	A	001, 002, 029 THRU 056 AND 555 THRU 558		
		B	003 THRU 025 AND 146 THRU 148		
		C	026 THRU 028		
		D	057 THRU 092 AND 178		
		E	093 THRU 145, 149 THRU 171 AND 179 THRU 209		
		F	172 THRU 177 AND 210 THRU 541		
		G	542 THRU 554		
		H	093 THRU 145 AND 179 THRU 209		
		J	149 THRU 171		
		K	001 AND 002		
		L	003 THRU 025, 029 THRU 171, 178 THRU 209 AND 555 THRU 558		
		M	003 THRU 025, 027 THRU 541 AND 555 THRU 558		
		N	001, 002 AND 026		
		P	057 THRU 145 AND 178 THRU 209		
		Q	149 THRU 177 AND 210 THRU 554		
		R	001 THRU 025, 029 THRU 541 AND 555 THRU 558		
		S	001 THRU 025, 029 THRU 171, 178 THRU 182 AND 555 THRU 559		
		T	172 THRU 177, 183 THRU 554, 560 AND 561		
		U	001 THRU 175, 178 THRU 470, 528 THRU 531 AND 542 THRU 561		
		V	176, 177, 453 THRU 470, 472 THRU 527 AND 539 THRU 541		
			SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

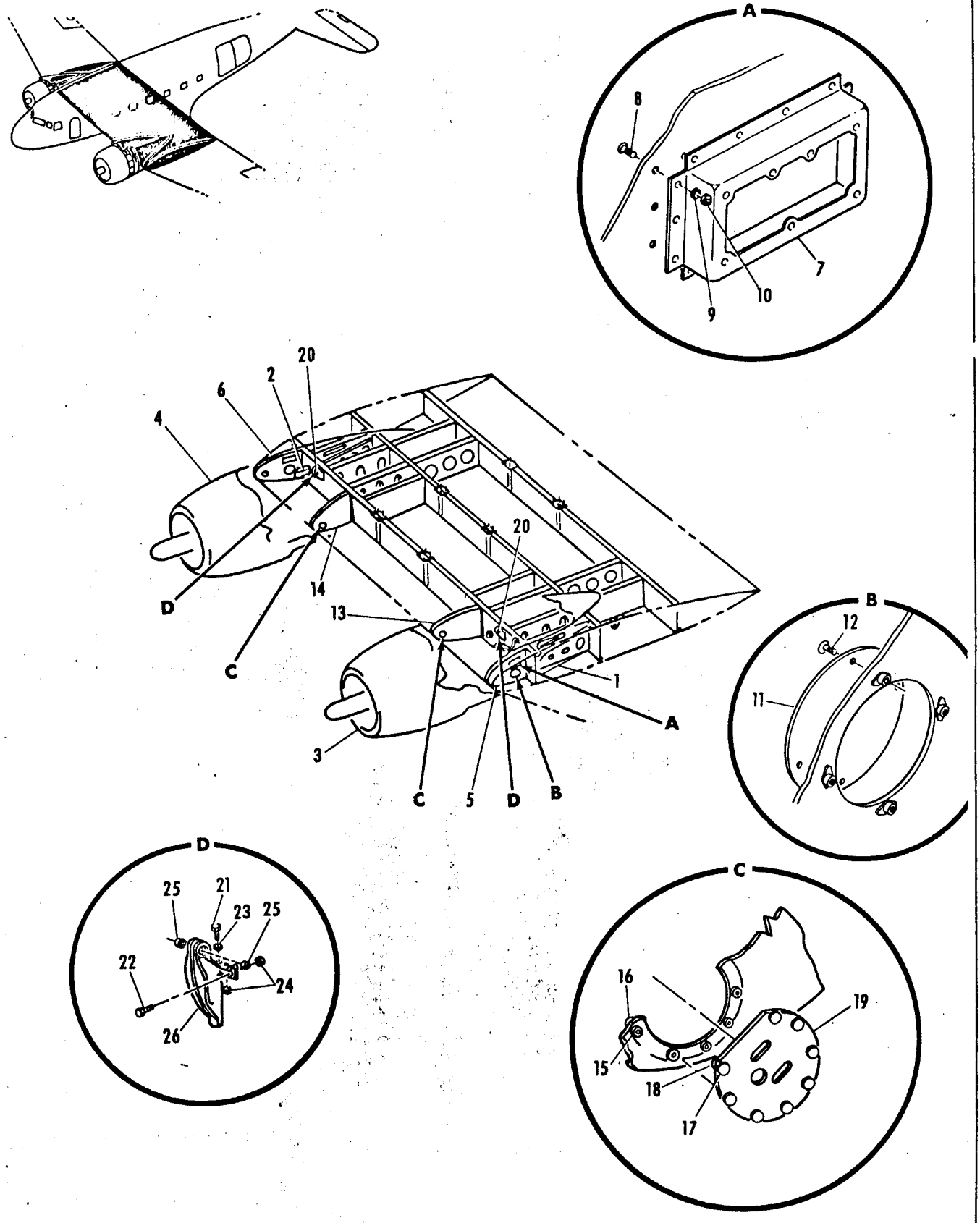


Figure 7. Front Section Center Wing and Nacelle

V4-87

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
7	5142056	WING AND NACELLE ASSY, FRONT SECTION CENTER (SPARE PARTS ASSY 4142483 AND -1) (SEE FIG. 6A FOR NHA) (SEE FIG. 8 FOR ADDITIONAL DETAILS)	REF	A
	5110506	WING AND NACELLE ASSY, FRONT SECTION CENTER (SPARE PARTS ASSY 4142483 AND -1) (SEE FIG. 6A FOR NHA) (SEE FIG. 8 FOR ADDITIONAL DETAILS)	REF	B
	5188770	WING AND NACELLE ASSY, FRONT SECTION CENTER (SPARE PARTS ASSY 4142483 AND -1) (SEE FIG. 6A FOR NHA) (SEE FIG. 8 FOR ADDITIONAL DETAILS)	REF	C
- 1	5142056-200	FILLET, CENTER WING FRONT SECTION OUTBOARD LOWER REAR LH	1	A
	5110506-200	FILLET, CENTER WING FRONT SECTION OUTBOARD LOWER REAR LH	1	B
	5188770-200	FILLET, CENTER WING FRONT SECTION OUTBOARD LOWER REAR LH	1	C
- 2	5142056-201	FILLET, CENTER WING FRONT SECTION OUTBOARD LOWER REAR RH	1	A
	5110506-201	FILLET, CENTER WING FRONT SECTION OUTBOARD LOWER REAR RH	1	B
	5188770-201	FILLET, CENTER WING FRONT SECTION OUTBOARD LOWER REAR RH	1	C
- 3	5142056-550	NACELLE ASSY, CENTER WING FRONT SECTION LH (SEE FIG. 9 FOR DETAILS)	1	A
	5110506-550	NACELLE ASSY, CENTER WING FRONT SECTION LH (SEE FIG. 9 FOR DETAILS)	1	B
	5188770-550	NACELLE ASSY, CENTER WING FRONT SECTION LH (SEE FIG. 9 FOR DETAILS)	1	C
- 4	5142056-551	NACELLE ASSY, CENTER WING FRONT SECTION RH (SEE FIG. 9 FOR DETAILS)	1	A
	5110506-551	NACELLE ASSY, CENTER WING FRONT SECTION RH (SEE FIG. 9 FOR DETAILS)	1	B
	5188770-551	NACELLE ASSY, CENTER WING FRONT SECTION RH (SEE FIG. 9 FOR DETAILS)	1	C
	5142056-552	FRAME ASSY, CENTER WING FRONT SECTION (SEE FIG. 7A AND 8 FOR ADDITIONAL DETAILS)	1	A
	5110506-552	FRAME ASSY, CENTER WING FRONT SECTION (SEE FIG. 7A AND 8 FOR ADDITIONAL DETAILS)	1	B
	5188770-552	FRAME ASSY, CENTER WING FRONT SECTION (SEE FIG. 7A AND 8 FOR ADDITIONAL DETAILS)	1	C
- 5	5113414	RIB ASSY, FRONT CENTER SECTION WING OUTER CANTILEVER NOSE LH	1	
- 6	5113414-1	RIB ASSY, FRONT CENTER SECTION WING OUTER CANTILEVER NOSE RH	1	
- 7	4115384	BOX ASSY, NACELLE OUTBOARD CANTILEVER RIB DEICER LINE CONNECTOR (ATTACHING PARTS)	1	
- 8	MS35206-245	SCREW, (ALT PN AN515-8-8)	14	
- 9	AN960-8	WASHER	14	
- 10	MS21044N08	NUT, (ALT PN AN365-832)	14	
			14	
- 11	5113414-10	DOOR, FRONT CENTER SECTION WING OUTER CANTILEVER NOSE RIB (ATTACHING PARTS)	1	
- 12	MS35207-262	SCREW, (ALT PN AN520-10-7)	4	
- 13	5143923	RIB ASSY, CENTER WING INNER CANTILEVER NOSE LH	1	A,C
	5112403	RIB ASSY, CENTER WING INNER CANTILEVER NOSE LH	1	B
- 14	5143923-1	RIB ASSY, CENTER WING INNER CANTILEVER NOSE RH	1	A,C
	5112403-1	RIB ASSY, CENTER WING INNER CANTILEVER NOSE RH	1	B
- 15	AN227-3	STUD, (ALT PN AN224-3)	8	
- 16	AN227-4	EYELET, (ALT PN AN224-4)	8	
	5143923-6	COVER ASSY, CENTER WING INNER CANTILEVER NOSE RIB LH	1	A,C
	5112403-14	COVER ASSY, CENTER WING INNER CANTILEVER NOSE RIB LH	1	B
	5143923-7	COVER ASSY, CENTER WING INNER CANTILEVER NOSE RIB RH	1	A,C
	5112403-15	COVER ASSY, CENTER WING INNER CANTILEVER NOSE RIB RH	1	B
- 17	AN227-2	BUTTON, (ALT PN AN224-2)	8	
- 18	AN227-1	SOCKET, (ALT PN AN224-1)	8	
- 19	5143923-4	COVER, CENTER WING INNER CANTILEVER NOSE RIB LH	1	A,C
	5112403-12	COVER, CENTER WING INNER CANTILEVER NOSE RIB LH	1	B
	5143923-5	COVER, CENTER WING INNER CANTILEVER NOSE RIB RH	1	A,C
	5112403-13	COVER, CENTER WING INNER CANTILEVER NOSE RIB RH	1	B
- 20	4116521	BRACKET ASSY, LANDING GEAR BALANCER TOGGLE (ATTACHING PARTS)	2	
- 21	AN3-6A	BOLT	4	
- 22	AN3-10A	BOLT	20	
- 23	5142056-270	SHIM, CENTER WING FRONT SECTION FRAME	4	A
	5110506-270	SHIM, CENTER WING FRONT SECTION FRAME	4	B
	5188770-270	SHIM, CENTER WING FRONT SECTION FRAME	4	C
- 24	MS21044N3	NUT, (ALT PN AN365-1032)	24	
- 25	S131736-7C009	BUSHING	2	
- 26	4116521-2	BRACKET, LANDING GEAR BALANCER TOGGLE (MAKE FROM 437060)	1	

A 001 THRU 025, 029 THRU 541 AND 555 THRU 558
B 026 THRU 028
C 542 THRU 554

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

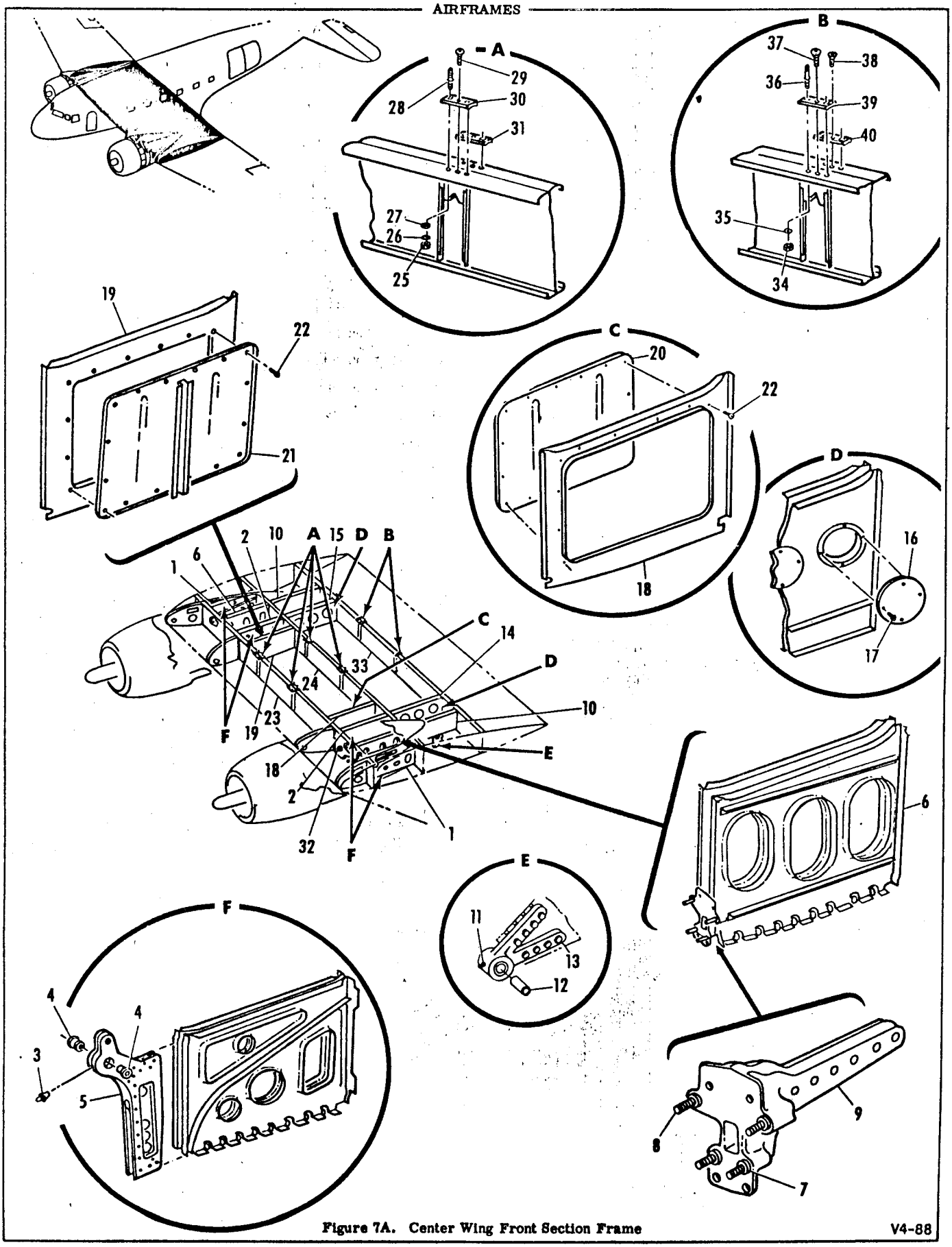


Figure 7A. Center Wing Front Section Frame V4-88

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
7A	5142056-552	FRAME ASSY, CENTER WING FRONT SECTION (SEE FIG. 7 FOR NHA) (SEE FIG. 7 AND 8 FOR ADDITIONAL DETAILS)	REF	A
	5110506-552	FRAME ASSY, CENTER WING FRONT SECTION (SEE FIG. 7 FOR NHA) (SEE FIG. 7 AND 8 FOR ADDITIONAL DETAILS)	REF	B
	5188770-552	FRAME ASSY, CENTER WING FRONT SECTION (SEE FIG. 7 FOR NHA) (SEE FIG. 7 AND 8 FOR ADDITIONAL DETAILS)	REF	C
- 1	5116763	BULKHEAD ASSY, CENTER SECTION LANDING GEAR ATTACH STA 94	2	
- 2	5116763-1	BULKHEAD ASSY, CENTER SECTION LANDING GEAR ATTACH STA 127	2	
	5117828	FITTING ASSY, CENTER WING SECTION LANDING GEAR ATTACH	1	
- 3	P46604	FITTING ASSY, (95879)	1	
- 4	1117830	BUSHING, LANDING GEAR ATTACH FITTING	2	
- 5	5117828-1	FITTING, CENTER WING SECTION LANDING GEAR ATTACH (MAKE FROM S571476-1)	1	
- 6	5113288	BULKHEAD ASSY, CENTER WING FRONT STA 111	2	
	4113779	FITTING ASSY, WING LANDING GEAR LATCH STA 111	1	
- 7	1113780	STUD, WING LANDING GEAR LATCH LOWER STA 111	2	
- 8	1113781	STUD, WING LANDING GEAR LATCH UPPER STA 111	2	
- 9	4113779-2	FITTING, WING LANDING GEAR LATCH STA 111 (MAKE FROM 4113778)	1	
- 10	5113730	FRAME ASSY, CENTER WING BRACE STRUT ATTACH STA 111	2	
	2116632	FITTING ASSY, BRACE STRUT ATTACH	1	
- 11	A5523	LUBRICATOR, (36251)	1	
- 12	S116500-10C107G	BUSHING, (SIZE ID TO 0.6245/0.6255 ON INSTL)	1	
- 13	2116632-1	FITTING, BRACE STRUT ATTACH (MAKE FROM S2018133-1)	1	
		(ATTACHING PARTS)		
	MS15795-711	WASHER	3	
	MS15795-709	WASHER	5	
	AN4-15A	BOLT	3	
	AN5-15A	BOLT	3	
	AN5-16A	BOLT	2	
	MS21044N4	NUT	5	
	MS21044N5	NUT	3	
- 14	5116640	BULKHEAD ASSY, CENTER WING STA 94 LH	1	
- 15	5116640-1	BULKHEAD ASSY, CENTER WING STA 94 RH	1	
- 16	5116640-15	COVER, CENTER WING STA 94 BULKHEAD (ATTACHING PARTS)	3	
- 17	S1049017-10-7	SCREW	12	
- 18	5118508	FRAME ASSY, CENTER SECTION WING TANK END LH	1	
- 19	5118508-1	FRAME ASSY, CENTER SECTION WING TANK END RH	1	
- 20	5118508-8	COVER ASSY, CENTER SECTION WING TANK END LH	1	
- 21	5118508-9	COVER ASSY, CENTER SECTION WING TANK END RH (ATTACHING PARTS)	1	
- 22	MS24621-30	SCREW, (ALT PN AN530-8-8)	21	
- 23	5113816	BEAM ASSY, CENTER WING FRONT	1	
- 24	5113999	BEAM ASSY, CENTER WING CENTER	1	
- 25	MS21044N6	NUT, (ALT PN AN365-624)	8	
- 26	AN960-616	WASHER	8	
- 27	NAS43HT9-10	SPACER	8	
- 28	1143578	BOLT, WING TO FUSELAGE ATTACH	8	
- 29	MS35191-291	SCREW, (ALT PN AN510-416-12)	4	
- 30	2143633-1	PAD, CENTER WING FRONT SPAR TO FUSELAGE	2	
	2143633-3	PAD, CENTER WING CENTER SPAR TO FUSELAGE	2	
- 31	2143633-2	PAD, CENTER WING FRONT SPAR TO FUSELAGE	2	
	2143633-4	PAD, CENTER WING CENTER SPAR TO FUSELAGE	2	
- 32	MS35489-5	GROMMET, (ALT PN AN931-6-10)	1	
- 33	5116641	BEAM ASSY, CENTER WING REAR	1	
- 34	MS21044N6	NUT, (ALT PN AN365-624)	4	
- 35	AN960-616	WASHER	4	
- 36	1143578	BOLT, WING TO FUSELAGE ATTACH	4	
- 37	MS35191-273	SCREW, (ALT PN AN510-416-10)	2	
- 38	MS35191-291	SCREW, (ALT PN AN510-416-14)	2	
- 39	2143633-5	PAD, CENTER WING REAR SPAR TO FUSELAGE	2	
- 40	1116562-6	PAD, CENTER WING REAR SPAR TO FUSELAGE (ATTACHING PARTS)	2	

A 001 THRU 025, 029 THRU 541 AND 555 THRU 558
B 026 THRU 028
C 542 THRU 554

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

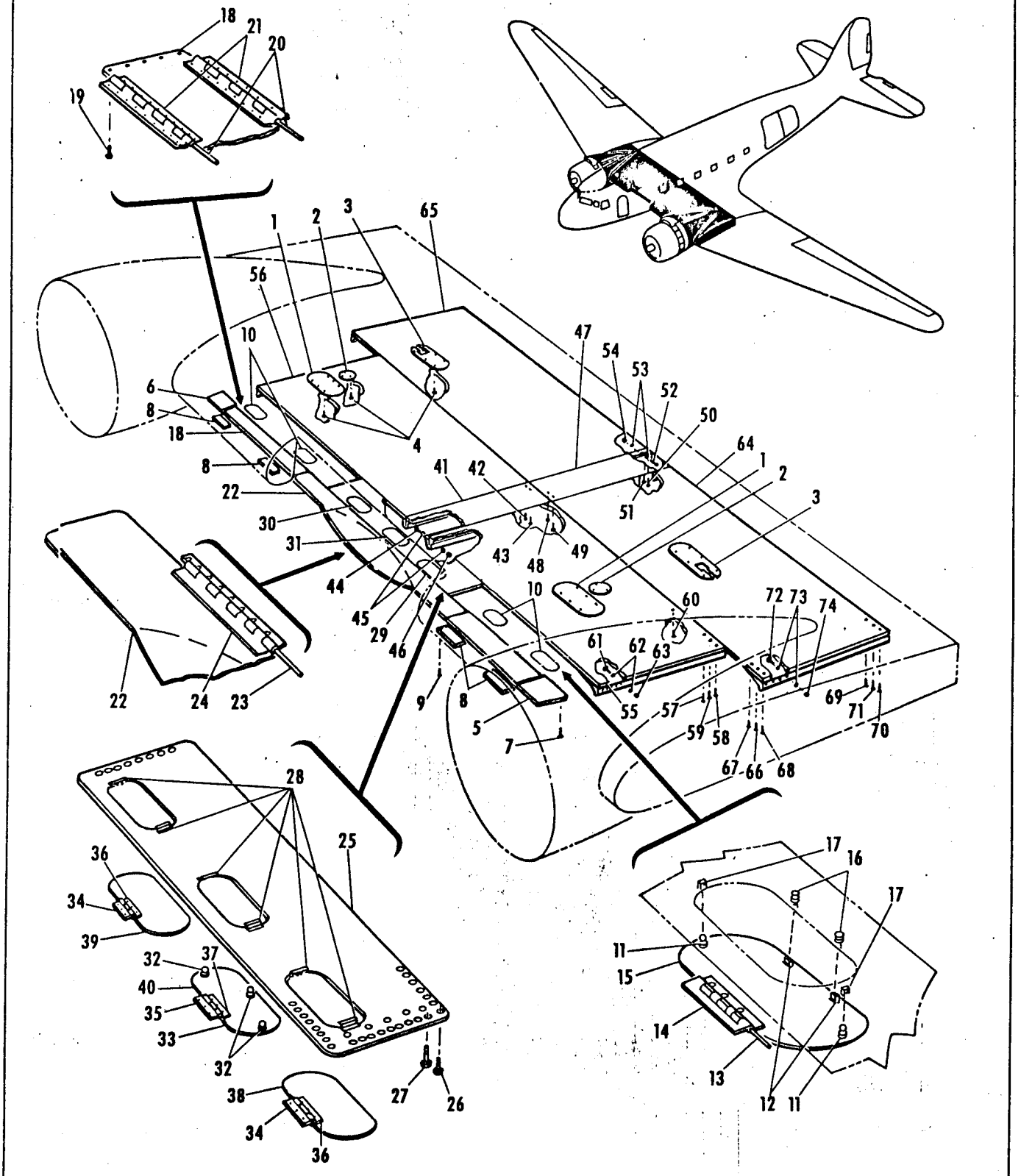


Figure 8. Front Section Center Wing and Nacelle

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FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
8	5142056	WING AND NACELLE ASSY, FRONT SECTION CENTER (SEE FIG. 6A FOR NHA) (SEE FIG. 7 FOR ADDITIONAL DETAILS)	REF	A
	5188770	WING AND NACELLE ASSY, FRONT SECTION CENTER (SEE FIG. 6A FOR NHA) (SEE FIG. 7 FOR ADDITIONAL DETAILS)	REF	B
	5110506	WING AND NACELLE ASSY, FRONT SECTION CENTER (SEE FIG. 6A FOR NHA) (SEE FIG. 7 FOR ADDITIONAL DETAILS)	REF	C
	5142056-552	FRAME ASSY, CENTER WING FRONT SECTION (SEE FIG. 7 AND 7A FOR ADDITIONAL DETAILS)	1	A
	5188770-552	FRAME ASSY, CENTER WING FRONT SECTION (SEE FIG. 7 AND 7A FOR ADDITIONAL DETAILS)	1	B
	5110506-552	FRAME ASSY, CENTER WING FRONT SECTION (SEE FIG. 7 AND 7A FOR ADDITIONAL DETAILS)	1	C
- 1	5142056-76	COVER, CENTER WING FRONT SECTION FRAME STA 58	2	A
	5188770-76	COVER, CENTER WING FRONT SECTION FRAME STA 58	2	B
	5110506-76	COVER, CENTER WING FRONT SECTION FRAME STA 58	2	C
- 2	5142056-78	COVER, CENTER WING FRONT SECTION FRAME STA 50	2	A
	5188770-78	COVER, CENTER WING FRONT SECTION FRAME STA 50	2	B
	5110506-78	COVER, CENTER WING FRONT SECTION FRAME STA 50	2	C
- 3	5142056-77	COVER, CENTER WING FRONT SECTION FRAME STA 58	2	A
	5188770-77	COVER, CENTER WING FRONT SECTION FRAME STA 58	2	B
	5110506-77	COVER, CENTER WING FRONT SECTION FRAME STA 58	2	C
		(ATTACHING PARTS)		
- 4	MS24621-17	SCREW, (ALT PN AN530-6-6)	30	
- 5	5142056-160	COVER, CENTER WING FRONT SECTION FRAME BOTTOM LH	1	A
	5188770-160	COVER, CENTER WING FRONT SECTION FRAME BOTTOM LH	1	B
	5110506-160	COVER, CENTER WING FRONT SECTION FRAME BOTTOM LH	1	C
- 6	5142056-161	COVER, CENTER WING FRONT SECTION FRAME BOTTOM RH	1	A
	5188770-161	COVER, CENTER WING FRONT SECTION FRAME BOTTOM RH	1	B
	5110506-161	COVER, CENTER WING FRONT SECTION FRAME BOTTOM RH	1	C
		(ATTACHING PARTS)		
- 7	MS20221-10-7	SCREW, (ALT PN S1029657S10-7)	60	
- 8	5142056-291	DOOR, CENTER WING FRONT SECTION FRAME BOTTOM	4	A
	5188770-291	DOOR, CENTER WING FRONT SECTION FRAME BOTTOM	4	B
	5110506-291	DOOR, CENTER WING FRONT SECTION FRAME BOTTOM	4	C
		(ATTACHING PARTS)		
- 9	MS35207-261	SCREW, (ALT PN S124630-10-6)	24	
- 10	2116625	DOOR ASSY, WING CENTER SECTION INSPECTION BOTTOM	4	
- 11	S136713	KNOB, DOOR FASTENER	2	
- 12	S136714	SPRING, DOOR FASTENER	2	
- 13	S121873-091-4-4	PIN, SAFETY	1	
- 14	2116625-2	HINGE, WING CENTER SECTION INSPECTION DOOR (MAKE FROM S145062D4-8)	1	
- 15	2116625-1	PLATE, WING CENTER SECTION INSPECTION DOOR	1	
- 16	S136713	KNOB, DOOR FASTENER	8	
- 17	S137302	CLIP ASSY, INSPECTION DOOR FASTENER	8	
- 18	2116624	PANEL ASSY, CENTER SECTION WING NOSE TUNNEL OUTER	2	
		(ATTACHING PARTS)		
- 19	MS35207-262	SCREW, (ALT S124630-10-7)	15	
- 20	S1329935-12-4016	PIN, HOOD HINGE	2	
- 21	2116624-2	HINGE, CENTER SECTION WING NOSE TUNNEL OUTER PANEL (MAKE FROM S2005673DC4016)	2	
- 22	3116532	PANEL ASSY, CENTER SECTION WING NOSE TUNNEL	1	
- 23	S121873S081-3016	PIN, SAFETY	2	
- 24	3116532-2	HINGE, CENTER SECTION WING NOSE TUNNEL PANEL (MAKE FROM S145062AD6524)	1	

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
	CONTINUED			
8				
- 25	5116647	COVER ASSY, WING FRONT CENTER SECTION FRONT INSPECTION	1	
		(ATTACHING PARTS)		
- 26	MS35207-264	SCREW, (ALT PN AN520-10-10)	90	
- 27	AN24-9A	BOLT	18	
- 28	S137302	CLIP ASSY, INSPECTION DOOR FASTENER	6	
- 29	2189501	DOOR ASSY, CENTER WING INSPECTION LH	1	
- 30	2189501-1	DOOR ASSY, CENTER WING INSPECTION RH	1	
- 31	2116621	DOOR ASSY, CENTER SECTION WING INSPECTION	1	
- 32	S136713	KNOB, DOOR FASTENER	3	
- 33	S121873-091-214	PIN, SAFETY	1	
- 34	2189501-4	HINGE, CENTER WING INSPECTION DOOR UPPER HALF	1	
		(MAKE FROM S121874AD216)		
- 35	2116621-4	HINGE, CENTER SECTION WING INSPECTION DOOR UPPER HALF	1	
		(MAKE FROM S121874AD216)		
- 36	2189501-6	HINGE, CENTER WING INSPECTION DOOR LOWER HALF	1	
		(MAKE FROM S121874BD216)		
- 37	2116621-6	HINGE, CENTER SECTION WING INSPECTION DOOR LOWER HALF	1	
		(MAKE FROM S121874BD216)		
- 38	2189501-2	PLATE, CENTER WING INSPECTION DOOR LH	1	
- 39	2189501-3	PLATE, CENTER WING INSPECTION DOOR RH	1	
- 40	2116621-2	PLATE, CENTER SECTION WING INSPECTION DOOR	1	
- 41	5116643	COVER ASSY, WING FRONT CENTER SECTION INSPECTION	1	A,C
	5188821	COVER ASSY, WING FRONT CENTER SECTION INSPECTION	1	B
		(ATTACHING PARTS)		
- 42	AN23-11A	BOLT	14	
- 43	AN23-12A	BOLT	4	
- 44	AN5-11A	BOLT	80	
- 45	AN960-516	WASHER	160	
- 46	MS20365-524	NUT, (ALT PN AN365-524)	80	
- 47	5113541	COVER ASSY, WING CENTER SECTION REAR INSPECTION	1	
		(ATTACHING PARTS)		
- 48	AN23-11A	BOLT	7	
- 49	AN23-12A	BOLT	2	
- 50	AN23-14A	BOLT	7	
- 51	AN23-15A	BOLT	2	
- 52	AN5-11A	BOLT	80	
- 53	AN960-516	WASHER	160	
- 54	MS20365-524	NUT, (ALT PN AN365-524)	80	

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
	CONTINUED			
8				
- 55	5116315	COVER ASSY, FRONT FUEL TANK LH	1	
- 56	5116315-1	COVER ASSY, FRONT FUEL TANK RH	1	
	2116626	SHIM, CENTER WING FRONT TANK COVER	2	
		(ATTACHING PARTS)		
- 57	AN23-10A	BOLT	280	
- 58	AN23-12A	BOLT	8	
- 59	AN23-11A	BOLT	8	
- 60	AN509-10R10	SCREW, (ALT PN S1029421-10-10)	8	
- 61	AN5-11A	BOLT	80	
- 62	AN960-516	WASHER	160	
- 63	MS20365-524	NUT, (ALT PN AN365-524)	80	4
		*		
- 64	5114634	COVER ASSY, REAR FUEL TANK LH	1	
- 65	5114634-1	COVER ASSY, REAR FUEL TANK RH	1	
		(ATTACHING PARTS)		
- 66	AN23-11A	BOLT	4	
- 67	AN23-10A	BOLT	180	
- 68	AN23-12A	BOLT	4	
- 69	AN23-13A	BOLT	180	
- 70	AN23-15A	BOLT	4	
- 71	AN23-14A	BOLT	4	
- 72	AN5-11A	BOLT	80	
- 73	AN960-516	WASHER	160	
- 74	MS20365-524	NUT, (ALT PN AN365-524)	80	
		*		
	2117594	SHIM, CENTER WING REAR TANK COVER	2	
		A 001 THRU 025, 029 THRU 541 AND 555 THRU 558		
		B 542 THRU 554		
		C 026 THRU 028		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

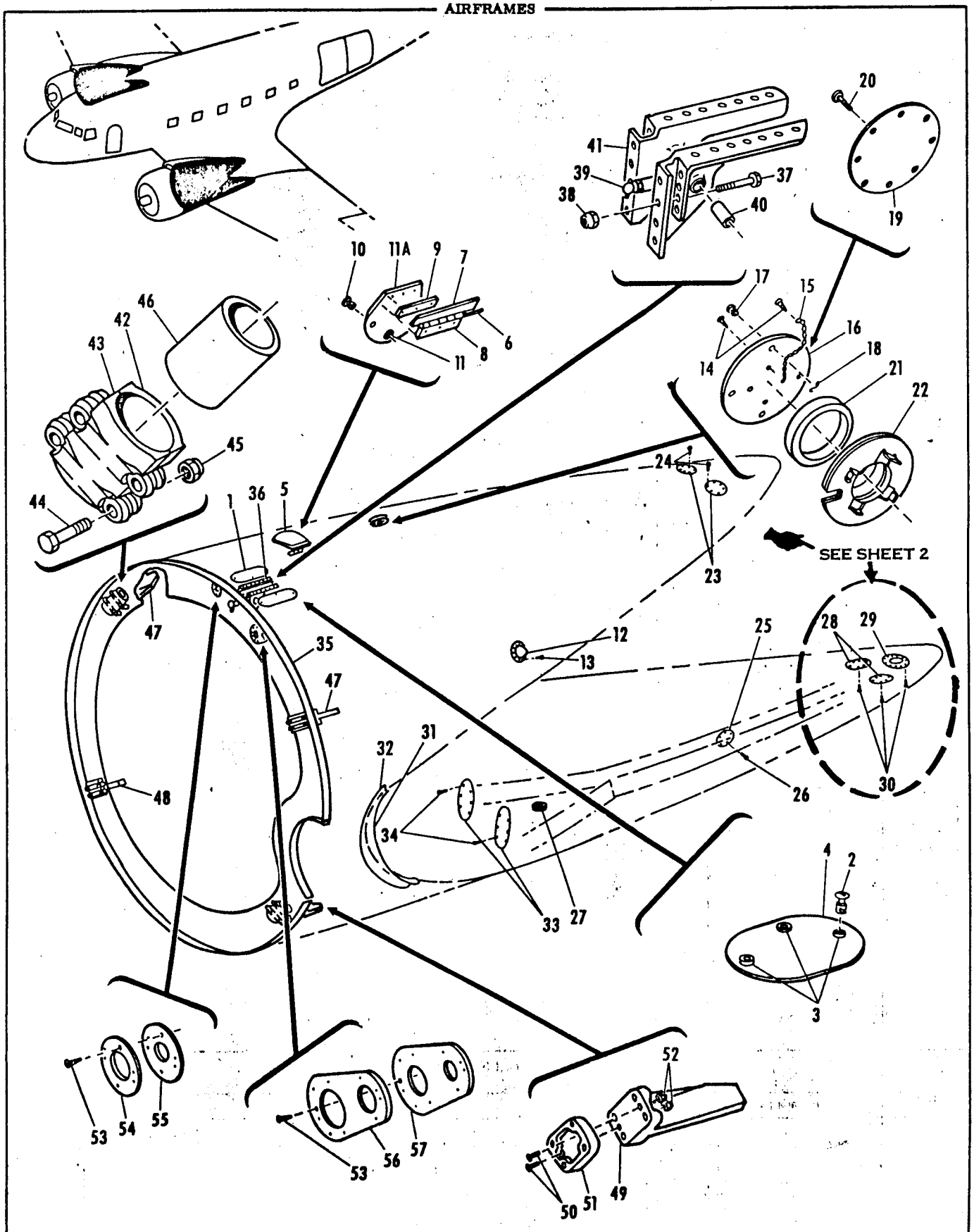


Figure 9. Center Wing Front Section Nacelle (Sheet 1 of 2)

V4-34

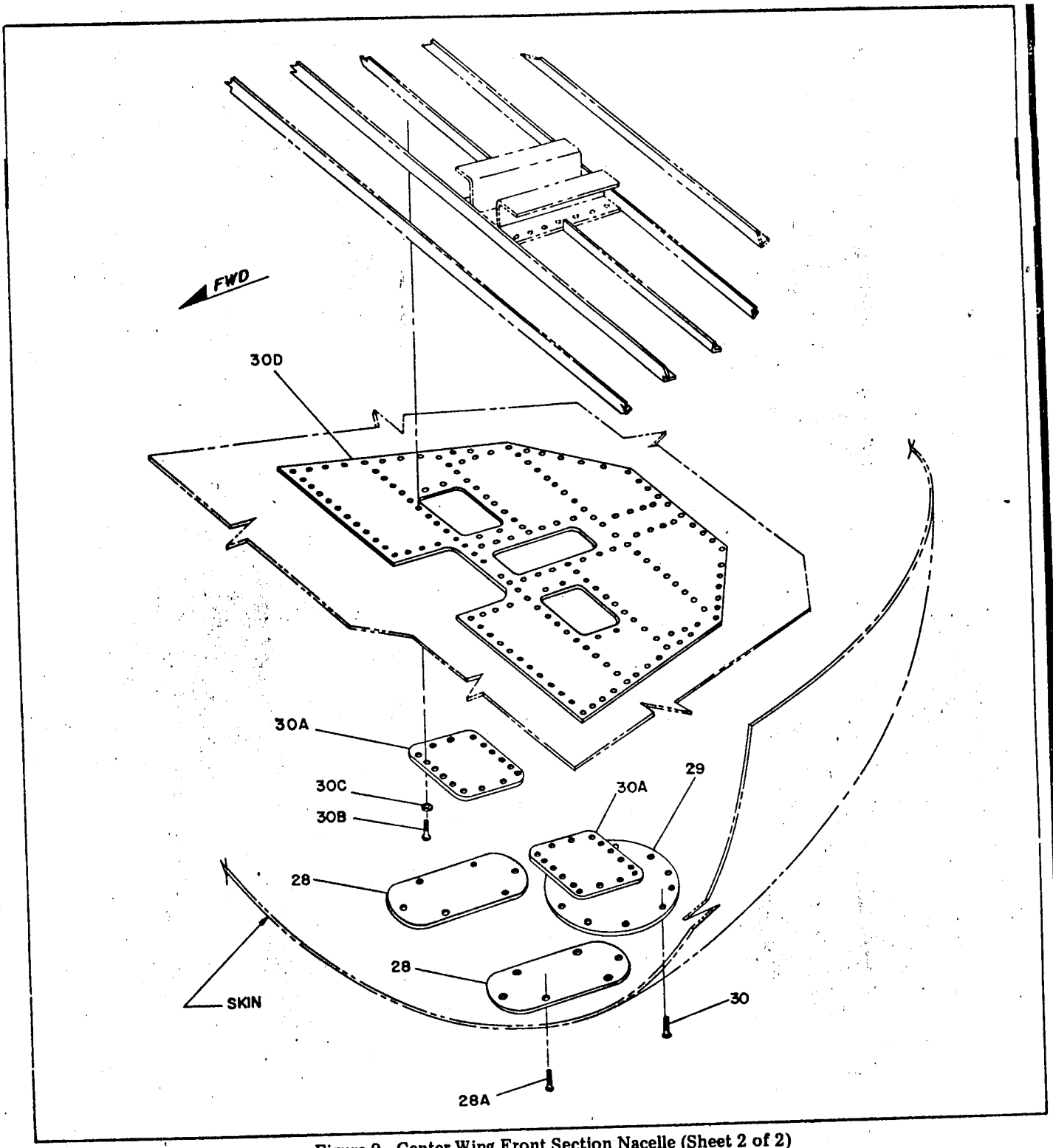


Figure 9. Center Wing Front Section Nacelle (Sheet 2 of 2)

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	U/A	USE CODE
9	5142056-550	NACELLE ASSY, CENTER WING FRONT SECTION LH (SEE FIG. 7 FOR NHA)	REF	A
	5188770-550	NACELLE ASSY, CENTER WING FRONT SECTION LH (SEE FIG. 7 FOR NHA)	REF	B
	5110506-550	NACELLE ASSY, CENTER WING FRONT SECTION LH (SEE FIG. 7 FOR NHA)	REF	C
	5142056-551	NACELLE ASSY, CENTER WING FRONT SECTION RH (SEE FIG. 7 FOR NHA)	REF	A
	5188770-551	NACELLE ASSY, CENTER WING FRONT SECTION RH (SEE FIG. 7 FOR NHA)	REF	B
	5110506-551	NACELLE ASSY, CENTER WING FRONT SECTION RH (SEE FIG. 7 FOR NHA)	REF	C

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
9				
- 1	2116630	DOOR ASSY, NACELLE LANDING GEAR BOLT AND GAGE ACCESS	2	
- 2	A5-30	FASTENER, (72794)	3	
- 3	GA5-312	GROMMET, (72794)	3	
- 4	2116630-2	DOOR, NACELLE LANDING GEAR BOLT AND GAGE ACCESS	1	
- 5	2142345	DOOR ASSY, NACELLE OIL TANK FILLER ACCESS	1	AB
	2116631	DOOR ASSY, NACELLE OIL TANK FILLER ACCESS	1	C
- 6	S121873-091-300	PIN, SAFETY	1	
- 7	2142345-3	HINGE, NACELLE OIL TANK FILLER ACCESS DOOR (MAKE FROM S121874AD412)	1	AB
	2116631-3	HINGE, NACELLE OIL TANK FILLER ACCESS DOOR (MAKE FROM S121874AD412)	1	C
- 8	2142345-1	HINGE, NACELLE OIL TANK FILLER ACCESS DOOR (MAKE FROM S129787AD304)	1	AB
	2116631-1	HINGE, NACELLE OIL TANK FILLER ACCESS DOOR (MAKE FROM S129787AD304)	1	C
- 9	2142345-4	SPACER, NACELLE OIL TANK FILLER ACCESS DOOR	1	AB
	2116631-4	SPACER, NACELLE OIL TANK FILLER ACCESS DOOR	1	C
- 10	A30	FASTENER, (72794)	1	AB
	A30	FASTENER, (72794)	3	C
- 11	375	GROMMET, (72794)	1	AB
	375	GROMMET, (72794)	3	C
- 11A	2116631-2	DOOR, NACELLE OIL TANK FILLER ACCESS	1	C
- 12	2116634	COVER, HOIST SLING OPENING OUTBOARD LOUVER	1	
		(ATTACHING PARTS)		
- 13	MS35206-243	SCREW, (ALT PN S124630-8-6)	8	
- 14	MS24621-20	SCREW, (ALT PN AN530-6-12)	2	AB
	A1181-6Z1	NUT, (78553)	2	AB
- 15	5142056-644	CHAIN, NACELLE INBOARD DOOR	1	A
	5188770-644	CHAIN, NACELLE INBOARD DOOR	1	B
- 16	5142056-106	DOOR, NACELLE INBOARD	1	A
	5188770-106	DOOR, NACELLE INBOARD	1	B
		(ATTACHING PARTS)		
- 17	A30	FASTENER, (72794)	4	AB
- 18	S5-200	SPRING, (72794)	4	AB
- 19	5110506-106	DOOR, NACELLE INBOARD	1	C
		(ATTACHING PARTS)		
- 20	MS35206-243	SCREW, (ALT PN S124630-8-6)	8	C
- 21	5142056-640	BLOCK, OIL HEATER ADAPTER	1	A
	5188770-640	BLOCK, OIL HEATER ADAPTER	1	B
- 22	2209821	ADAPTER ASSY, IMMERSION TYPE OIL HEATER	1	AB
- 23	2116608	DOOR ASSY, CENTER SECTION NACELLE INSPECTION	2	
		(ATTACHING PARTS)		
- 24	MS35206-243	SCREW, (ALT PN S124630-8-6)	12	
- 25	5142056-340	DOOR, NACELLE OUTBOARD LOWER REAR	1	A
	5188770-340	DOOR, NACELLE OUTBOARD LOWER REAR	1	B
	5110506-340	DOOR, NACELLE OUTBOARD LOWER REAR	1	C
		(ATTACHING PARTS)		
- 26	MS35207-261	SCREW, (ALT PN AN526-1032-6)	5	
- 27	MS35489-11	GROMMET, (ALT PN AN931-6-10)	1	AB
- 28	60B95501	DOOR, NACELLE STRUT BOLT	2	A
		(ATTACHING PARTS)	2	B
	MS51957-64	SCREW	2	C
- 28A	MS51957-63	SCREW	12	C
- 29	1116558	DOOR, BRAKE LINE NACELLE OUTLET	1	
		(ATTACHING PARTS)		
- 30	MS35206-243	SCREW	11	
- 30A	60B95500	DOOR, WING	2	
		(ATTACHING PARTS)		
- 30B	AN3C4A	BOLT	16	
- 30C	AN960C10L	WASHER	16	
- 30D	69D32326	DOUBLER	1	
- 31	5142056-286	FILLET, NACELLE OUTBOARD LOWER NOSE LH	1	A
	5188770-286	FILLET, NACELLE OUTBOARD LOWER NOSE LH	1	B
	5110506-286	FILLET, NACELLE OUTBOARD LOWER NOSE LH	1	C
	5142056-287	FILLET, NACELLE OUTBOARD LOWER NOSE RH	1	A
	5188770-287	FILLET, NACELLE OUTBOARD LOWER NOSE RH	1	B
	5110506-287	FILLET, NACELLE OUTBOARD LOWER NOSE RH	1	C
- 32	1142290	FILLER, NACELLE FILLET	1	
- 33	5142056-218	DOOR, NACELLE FRAME	2	A
	5188770-218	DOOR, NACELLE FRAME	2	B
	5110506-218	DOOR, NACELLE FRAME	2	C
		(ATTACHING PARTS)		
- 34	MS35207-261	SCREW, (ALT PN AN520-10-6)	12	

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
	CONTINUED			
9				
- 35	5142055	BULKHEAD ASSY, NACELLE FIREWALL STA 173 LH (SPARE PARTS ASSY 4142066)	1	AB
	5112950	BULKHEAD ASSY, NACELLE FIREWALL STA 173 LH (SPARE PARTS ASSY 4142066)	1	C
	5142055-1	BULKHEAD ASSY, NACELLE FIREWALL STA 173 RH (SPARE PARTS ASSY 4142066-1)	1	AB
	5112950-1	BULKHEAD ASSY, NACELLE FIREWALL STA 173 RH (SPARE PARTS ASSY 4142066-1)	1	C
- 36	4116529	FITTING ASSY, CENTER WING NACELLE RETRACTING STRUT (ATTACHING PARTS)	1	
- 37	AN3-14A	BOLT	8	
- 38	MS20365-1032	NUT, (ALT PN AN365-1032)	8	
- 39	1649	FITTING, HYDRAULIC (95879)	1	
- 40	S116500-9C124	BUSHING, (SIZE ID TO 0.5620/ 0.5630 ON INSTL)	1	
- 41	4116529-1	FITTING ASSY, CENTER WING NACELLE RETRACTING STRUT (WELDED)	1	
- 42	1116575	HOUSING, ENGINE MOUNT SHOCK BUSHING (ALT PN 2142304)	4	
	2142304	HOUSING, ENGINE MOUNT SHOCK BUSHING	4	
- 43	1116576	HOUSING, ENGINE MOUNT SHOCK BUSHING (ALT PN 2142303)	4	
	2142303	HOUSING, ENGINE MOUNT SHOCK BUSHING (ATTACHING PARTS)	4	
- 44	AN5-35A	BOLT	16	AB
	AN5-35	BOLT	16	C
- 45	MS20365-524	NUT, (ALT PN AN365-524)	16	AB
	AN310-5	NUT	16	C
- 46	1113353	BUSHING, ENGINE MOUNT SHOCK	4	
- 47	2116607	SUPPORT, NACELLE LONGERON FRONT END UPPER (MAKE FROM S271380)	2	
- 48	2116607-1	SUPPORT, NACELLE LONGERON FRONT END LOWER LH INBOARD AND RH OUTBOARD (MAKE FROM S271380-1)	1	
- 49	2116607-2	SUPPORT, NACELLE LONGERON FRONT END LOWER LH OUTBOARD AND RH INBOARD (MAKE FROM S271380-2) (ATTACHING PARTS)	1	
- 50	MS35207-233	SCREW, (ALT PN AN520-10-14)	8	
- 51	1116550	SPACER, FIREWALL ENGINE MOUNT (MAKE FROM S132184)	4	
- 52	MS20365D1032	NUT, (ALT PN AN365D1032)	8	
- 53	MS24621-18	SCREW, (ALT PN AN530-6R8) (SEE T.O. 1C-1-31)	16	
- 54	5355027-88	RETAINER, FOAM FITTING GASKET (SEE T.O. 1C-1-31)	2	
- 55	5355027-84	GASKET, FOAM FITTING (SEE T.O. 1C-1-31)	2	
- 56	5355027-90	RETAINER, FOAM FITTING GASKET (SEE T.O. 1C-1-31)	2	
- 57	5355027-85	GASKET, FOAM FITTING (SEE T.O. 1C-1-31)	2	
		A 001 THRU 025, 029 THRU 541 AND 555 THRU 558 B 542 THRU 554 C 026 THRU 028		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

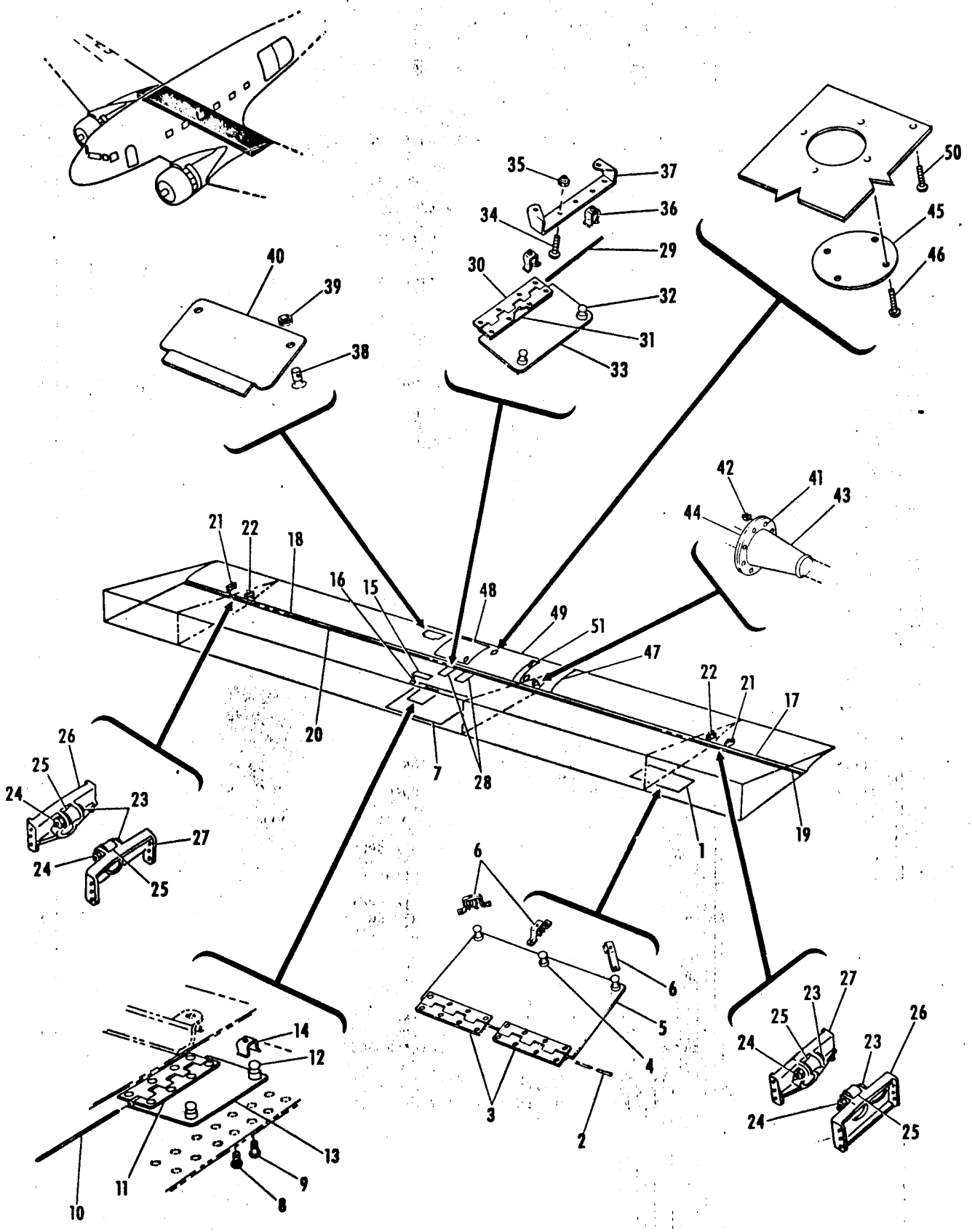
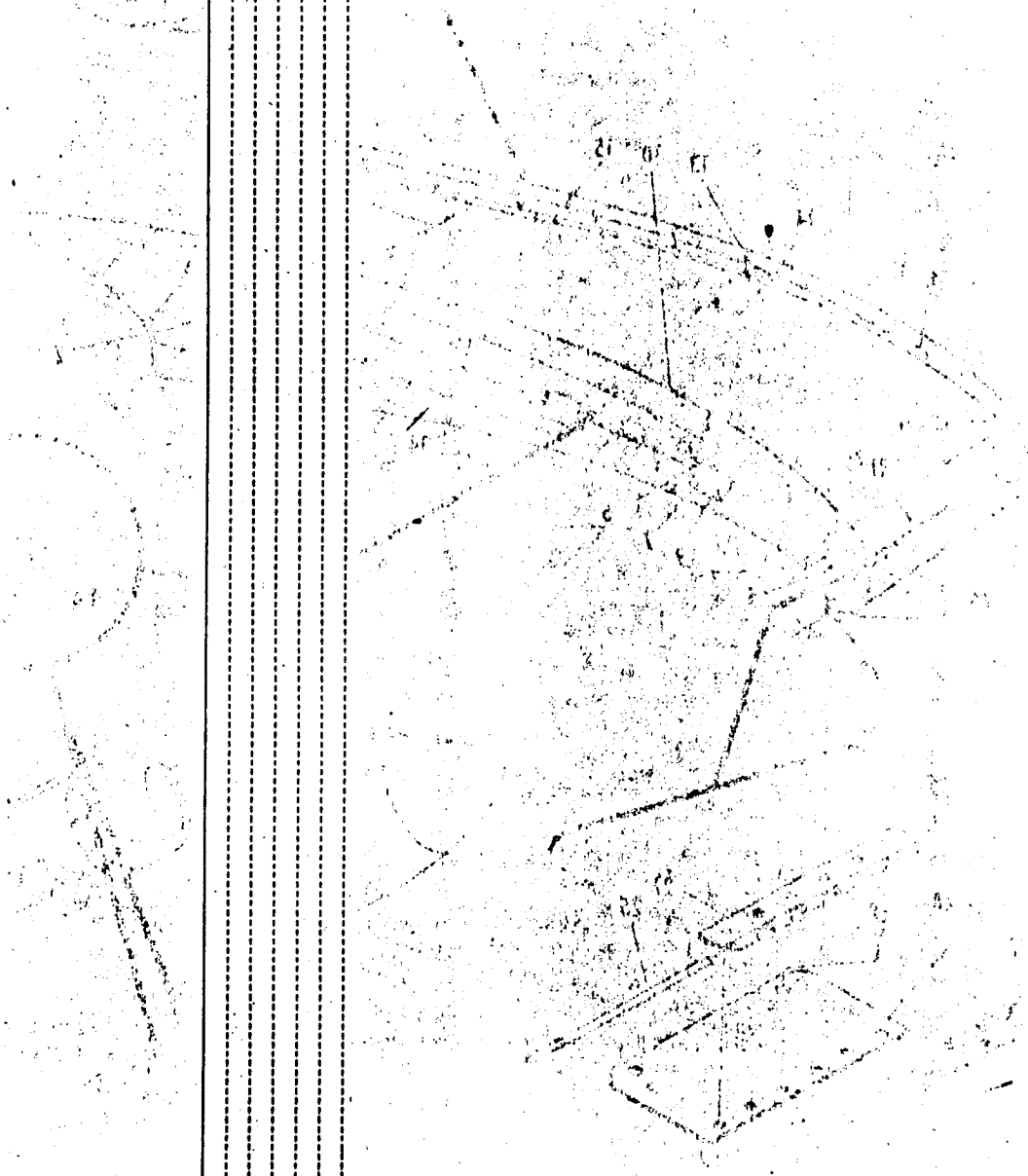


Figure 10. Rear Section Center Wing

V4-104

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
		1 2 3 4 5 6 7		
		WING ASSY, REAR SECTION CENTER (SEE FIG. 6A FOR NHA)	REF	A
10	5112584	WING ASSY, REAR SECTION CENTER (SEE FIG. 6A FOR NHA)	REF	B
	5188733	DOOR ASSY, REAR CENTER SECTION WING INSPECTION	2	
- 1	2116000	PIN, SAFETY	2	
- 2	S121873-091-320	HINGE, REAR CENTER SECTION WING INSPECTION DOOR		
- 3	2116000-2	(MAKE FROM S121874D324)	3	
- 4	S136713	KNOB, DOOR FASTENER	1	
- 5	2116000-1	DOOR, REAR CENTER SECTION WING INSPECTION	6	
- 6	S137302	CLIP ASSY, INSPECTION DOOR FASTENER	1	
- 7	5115985	DOOR ASSY, REAR SECTION CENTER WING SERVICE		
		(ATTACHING PARTS)	27	
- 8	MS35207-264	SCREW, (ALT PN AN520-10-10)	22	
- 9	AN24-9A	BOLT		
		---*---	1	
	2115996-1	DOOR ASSY, WING REAR CENTER SECTION INSPECTION	1	
- 10	S121873-091-414	PIN, SAFETY	1	
- 11	2115996-5	HINGE, WING REAR CENTER SECTION INSPECTION DOOR		
		(MAKE FROM S121874D500)	2	
- 12	S136713	KNOB, DOOR FASTENER	1	
- 13	2115996-3	DOOR, WING REAR CENTER SECTION INSPECTION	2	
- 14	S136714	SPRING, DOOR FASTENER	1	A
- 15	5112584-17	DOOR, REAR SECTION CENTER WING	1	B
	5188733-17	DOOR, REAR SECTION CENTER WING		
		(ATTACHING PARTS)	12	
- 16	MS35207-262	SCREW, (ALT PN S124630-10-7)		
		---*---	1	A
- 17	5112584-20	HINGE, REAR SECTION CENTER WING HALF LH		
		(MAKE FROM S1000760S6716)	1	B
	5188733-20	HINGE, REAR SECTION CENTER WING HALF LH		
		(MAKE FROM S1000760S6716)	1	A
- 18	5112584-23	HINGE, REAR SECTION CENTER WING HALF RH		
		(MAKE FROM S1000760S6716)	1	B
	5188733-23	HINGE, REAR SECTION CENTER WING HALF RH		
		(MAKE FROM S1000760S6716)	1	A
- 19	5112584-100	HINGE, REAR SECTION CENTER WING HALF LH		
		(MAKE FROM S1000760S6716)	1	B
	5188733-100	HINGE, REAR SECTION CENTER WING HALF LH		
		(MAKE FROM S1000760S6716)	1	A
- 20	5112584-97	HINGE, REAR SECTION CENTER WING HALF RH		
		(MAKE FROM S1000760S6716)	1	B
	5188733-97	HINGE, REAR SECTION CENTER WING HALF RH		
		(MAKE FROM S1000760S6716)	4	
- 21	2115441	SUPPORT ASSY, FLAP OPERATING TUBE OUTER LH	4	
	2115441-1	SUPPORT ASSY, FLAP OPERATING TUBE OUTER RH	4	
- 22	2115442	SUPPORT ASSY, FLAP OPERATING TUBE INNER LH	4	
	2115442-1	SUPPORT ASSY, FLAP OPERATING TUBE INNER RH	1	
- 23	AN3-14	BOLT	1	
- 24	AN310-3	NUT	1	
- 25	S133658	ROLLER ASSY, FLAP OPERATING TUBE UPPER	1	
- 26	2115441-2	SUPPORT, FLAP OPERATING TUBE OUTER LH		
		(MAKE FROM S2005468-2)	1	
	2115441-3	SUPPORT, FLAP OPERATING TUBE OUTER RH		
		(MAKE FROM S2005468-3)	1	
- 27	2115442-2	SUPPORT, FLAP OPERATING TUBE INNER LH		
		(MAKE FROM S2005504-2)	1	
	2115442-3	SUPPORT, FLAP OPERATING TUBE INNER RH		
		(MAKE FROM S2005504-3)	2	
- 28	2115996-2	DOOR ASSY, WING REAR CENTER SECTION INSPECTION DOOR	1	
- 29	S121873-091-414	PIN, SAFETY	1	
- 30	2115996-5	HINGE, WING REAR CENTER SECTION INSPECTION DOOR		
		(MAKE FROM S121874D500)	1	
- 31	2115996-4	PLATE, WING REAR CENTER SECTION INSPECTION DOOR	2	
- 32	S136713	KNOB, DOOR FASTENER	1	
- 33	2115996-3	DOOR, WING REAR CENTER SECTION INSPECTION	2	A
	5112584-146	BRACKET ASSY, REAR SECTION CENTER WING RIVETED	2	B
	5188733-146	BRACKET ASSY, REAR SECTION CENTER WING RIVETED		
		(ATTACHING PARTS)	10	
- 34	MS35207-262	SCREW, (ALT PN S124630-10-7)	10	
- 35	MS21044N3	NUT, (ALT PN AN365-1032)		
		---*---	2	
- 36	S136714	SPRING, DOOR FASTENER	1	A
- 37	5112584-145	BRACKET, REAR SECTION CENTER WING	1	B
	5188733-145	BRACKET, REAR SECTION CENTER WING	1	
	2188753	DOOR ASSY, LIQUID DEICER TANK FILTER ACCESS		
		(SEE T.O. 1C-1-554)	2	
- 38	A5-30	FASTENER, (72794)	2	
- 39	GA5-312	GROMMET, (72794)	1	
- 40	2188753-2	DOOR, LIQUID DEICER TANK FILTER ACCESS		

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
10				
/	5119451	SEAL INSTL, AUXILIARY FLAP	1	
-41	MS35206-229	SCREW, (ALT PN AN515-6-7)	16	
- 42	MS21044N06	NUT, (ALT PN AN365-632)	16	
- 43	1C787	BOOT ASSY, (81979)	2	
- 44	5119451-19	RING, AUXILIARY FLAP SEAL	2	
- 45	5119451-8	COVER, AUXILIARY FLAP SEAL	3	
		(ATTACHING PARTS)		
- 46	MS24621-29	SCREW, (ALT PN AN530-8-6)	12	
- 47	5119451-2	COVER, AUXILIARY FLAP SEAL LH	1	
- 48	5119451-3	COVER, AUXILIARY FLAP SEAL RH	1	
- 49	5119451-4	COVER, AUXILIARY FLAP SEAL	1	
		(ATTACHING PARTS)		
- 50	MS24621-29	SCREW, (ALT PN AN530-8-6)	84	
- 51	S1047635	SEAL, 1/2 X 7/8 BULB ANGLE CUTOUT RUBBER	6	
		A 001 THRU 541 AND 555 THRU 558		
		B 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING.		



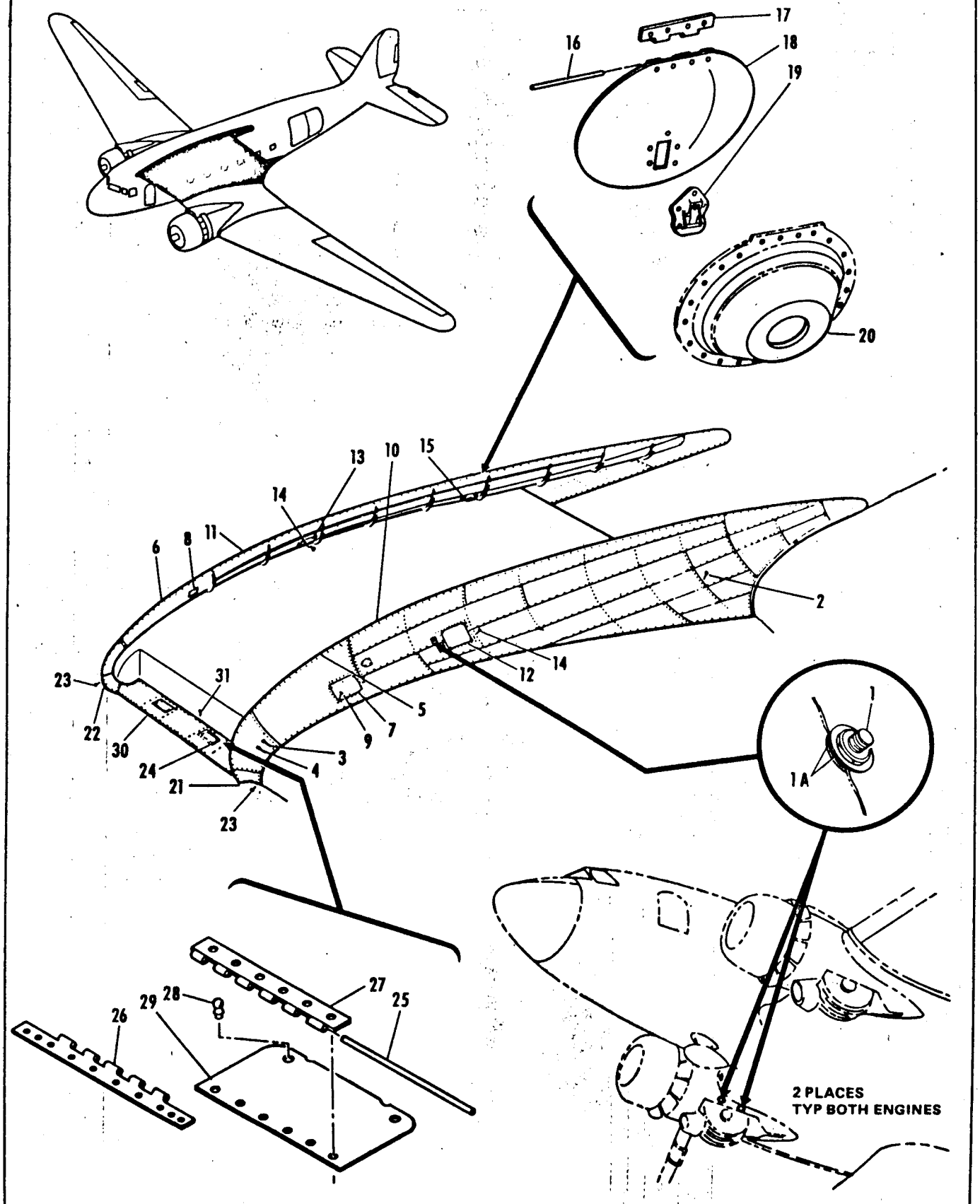
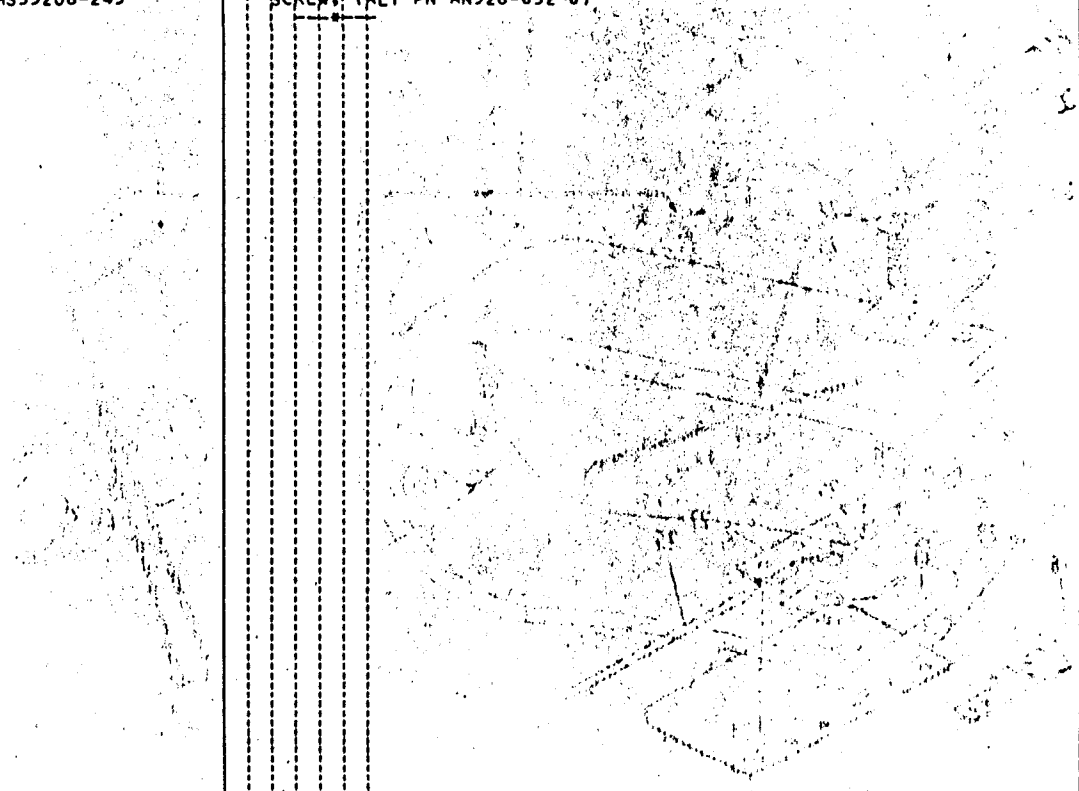


Figure 11. Wing Fillet

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
11	5114535	FILLET INSTL, WING LH (SEE FIG. 3 FOR NHA)	REF	
	5114535-1	FILLET INSTL, WING RH (SEE FIG. 3 FOR NHA)	REF	
- 1	B111745X	JACK, BOND (37942)	2	
	MS907981-1	CONNECTOR, GROUND/BOND (Supersedes P/N B111745X)	9	
- 1A	AN960A10	WASHER	4	
- 2	MS35206-243	SCREW, (ALT PN AN526-832-6)	20	
- 3	MS35206-245	SCREW, (ALT PN AN526-832-8)	71	
- 4	MS35206-246	SCREW, (ALT PN AN526-832-10)	287	
- 5	5114535-110	FILLET ASSY, FRONT SECTION WING LH	1	
- 6	5114535-111	FILLET ASSY, FRONT SECTION WING RH	1	
- 7	5114535-10	DOOR ASSY, FRONT SECTION WING FILLET LH	1	
- 8	5114535-11	DOOR ASSY, FRONT SECTION WING FILLET RH	1	
		(ATTACHING PARTS)		
- 9	MS35206-245	SCREW, (ALT PN AN526-832-8)	8	
- 10	5114535-2	FILLET ASSY, REAR SECTION WING LH	1	
- 11	5114535-3	FILLET ASSY, REAR SECTION WING RH	1	
- 12	5114535-20	DOOR ASSY, REAR SECTION WING FILLET LH	1	
- 13	5114535-21	DOOR ASSY, REAR SECTION WING FILLET RH	1	
		(ATTACHING PARTS)		
- 14	MS35206-245	SCREW, (ALT PN AN526-832-8)	8	
- 15	4165256	COVER ASSY, ALCOHOL TANK FILLER	1	
- 16	4165256-6	PIN, ALCOHOL TANK FILLER DOOR (MAKE FROM S121873-091-300)	1	
- 17	4165256-4	HINGE, ALCOHOL TANK FILLER DOOR (MAKE FROM S121874S304)	1	
- 18	4165256-2	COVER, ALCOHOL TANK FILLER	1	
- 19	4138115	LATCH ASSY, FLUSH DOOR	1	
- 20	2162392	SHIELD, ALCOHOL TANK FILLER NECK	1	
- 21	5114535-4	PAN, WING FILLET BOTTOM LH	1	
- 22	5114535-5	PAN, WING FILLET BOTTOM RH	1	
		(ATTACHING PARTS)		
- 23	MS35206-246	SCREW, (ALT PN AN526-832-10)	6	
	5114535-122	PLATE ASSY, WING FILLET BOTTOM	1	
- 24	2118172	DOOR ASSY, WING INSPECTION	2	
- 25	S121873-091-624	PIN, SAFETY	1	
- 26	2118172-4	HINGE, WING INSPECTION DOOR HALF (MAKE FROM S121874AD912)	1	
- 27	2118172-6	HINGE, WING INSPECTION DOOR HALF (MAKE FROM S121874AD628)	1	
- 28	S136713	KNOB, DOOR FASTENER	2	
- 29	2118172-2	DOOR, WING INSPECTION	1	
- 30	5114535-112	PAN, WING FILLET CENTER	1	
		(ATTACHING PARTS)		
- 31	MS35206-245	SCREW, (ALT PN AN526-832-8)	55	



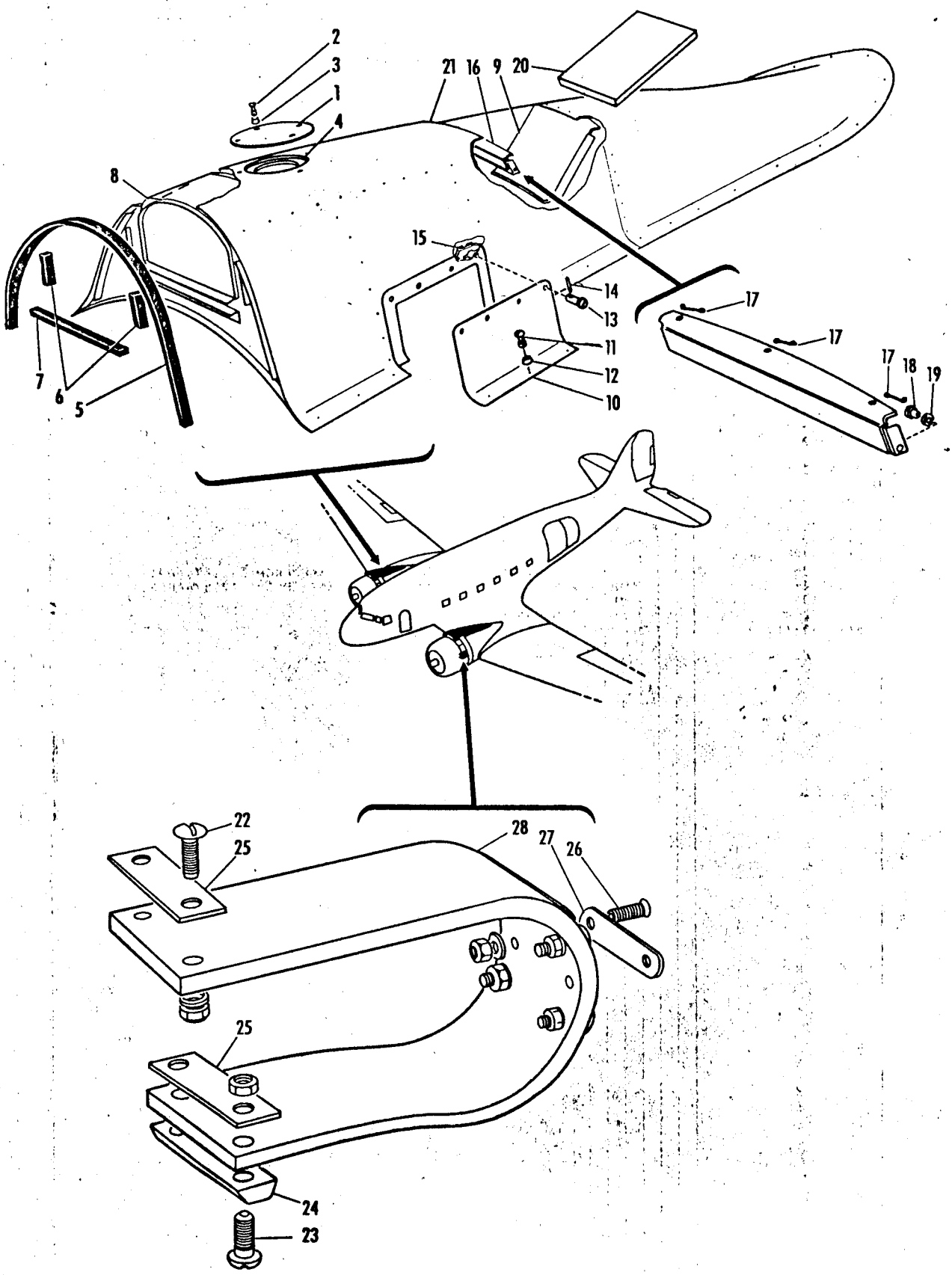


Figure 12. Nonram Carburetor Aft Air Filter and Flight Wheel Brake

V4-281

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
12		NONRAM CARBURETOR AFT AIR FILTER AND FLIGHT WHEEL BRAKE		
	5141319	FILTER ASSY, NONRAM CARBURETOR AFT AIR (SEE FIG. 6A FOR NHA)	REF	A
- 1	5141319-36	DOOR ASSY, NONRAM CARBURETOR AFT AIR FILTER ACCESS	1	A
		(ATTACHING PARTS)		
- 2	A3-25	STUD, (72794)	4	A
- 3	GA3-175	GROMMET, (72794)	4	A
- 4	5141319-40	RING, NONRAM CARBURETOR AFT AIR FILTER ACCESS DOOR SEALING	2	A
- 5	5141319-20	SEAL, NONRAM CARBURETOR AFT AIR FILTER	1	A
- 6	5141319-22	SEAL, NONRAM CARBURETOR AFT AIR FILTER	2	A
- 7	5141319-24	SEAL, NONRAM CARBURETOR AFT AIR FILTER	1	A
- 8	4142172	DEFLECTOR, CARBURETOR AIR FILTER FAIRING	1	A
- 9	4203013	DEFLECTOR, CARBURETOR AIR FILTER REAR FAIRING	1	A
- 10	5141319-30	DOOR, NONRAM CARBURETOR AFT AIR FILTER	1	A
		(ATTACHING PARTS)		
- 11	A5-35	FASTENER, (72794)	3	A
- 12	375	GROMMET, (72794)	3	A
- 13	99834-1-080	STUD, (61864)	4	A
- 14	99836	PIN, (61864)	4	A
- 15	99833C130	SPRING, (61864)	4	A
- 16	4203014	SEAL ASSY, CARBURETOR AIR FILTER REAR FAIRING	1	A
- 17	S4-225	SPRING, (72794)	3	A
- 18	A4-40	STUD, (72794)	2	A
- 19	GA4-250	GROMMET, (72794)	2	A
- 20	56C809	UNIT ASSY, AIR FILTER (NO NUMBERS TYPE UM203 (01767), TYPE P81SA (00736), TYPE S4835 AND 48AF2 (21585). (4141199)	1	A
- 21	5141319-34	FILTER ASSY, NONRAM CARBURETOR AFT AIR (WELDED)	1	A
	4115223	BRAKE INSTL, FLIGHT WHEEL	1	
- 22	MS35207-266	SCREW, (ALT PN AN526-1032-14)	4	
- 23	MS35207-267	SCREW, (ALT PN AN526-1032-16)	4	
- 24	4115223-12	SPACER, FLIGHT WHEEL BRAKE (MAKE FROM PN S1039966-200)	2	
	AN960-10	WASHER	8	
	MS21044N3	NUT, (ALT PN 365-1032)	8	
- 25	4115223-10	PLATE, FLIGHT WHEEL BRAKE	4	
	4115223-16	BRAKE ASSY, FLIGHT WHEEL LH (SPARE PARTS ASSY 1140946)	1	
	4115223-17	BRAKE ASSY, FLIGHT WHEEL RH (SPARE PARTS ASSY 1140946-1)	1	
- 26	AN505-8R10	SCREW	8	
	AN960-8	WASHER	8	
	MS21044N08	NUT, (ALT PN AN365-832)	8	
- 27	68B35156-20	PLATE, FLIGHT WHEEL BRAKE	4	
- 28	4115223-8	BELT, FLIGHT WHEEL BRAKE	1	
		A .057 THRU 145 AND 172 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

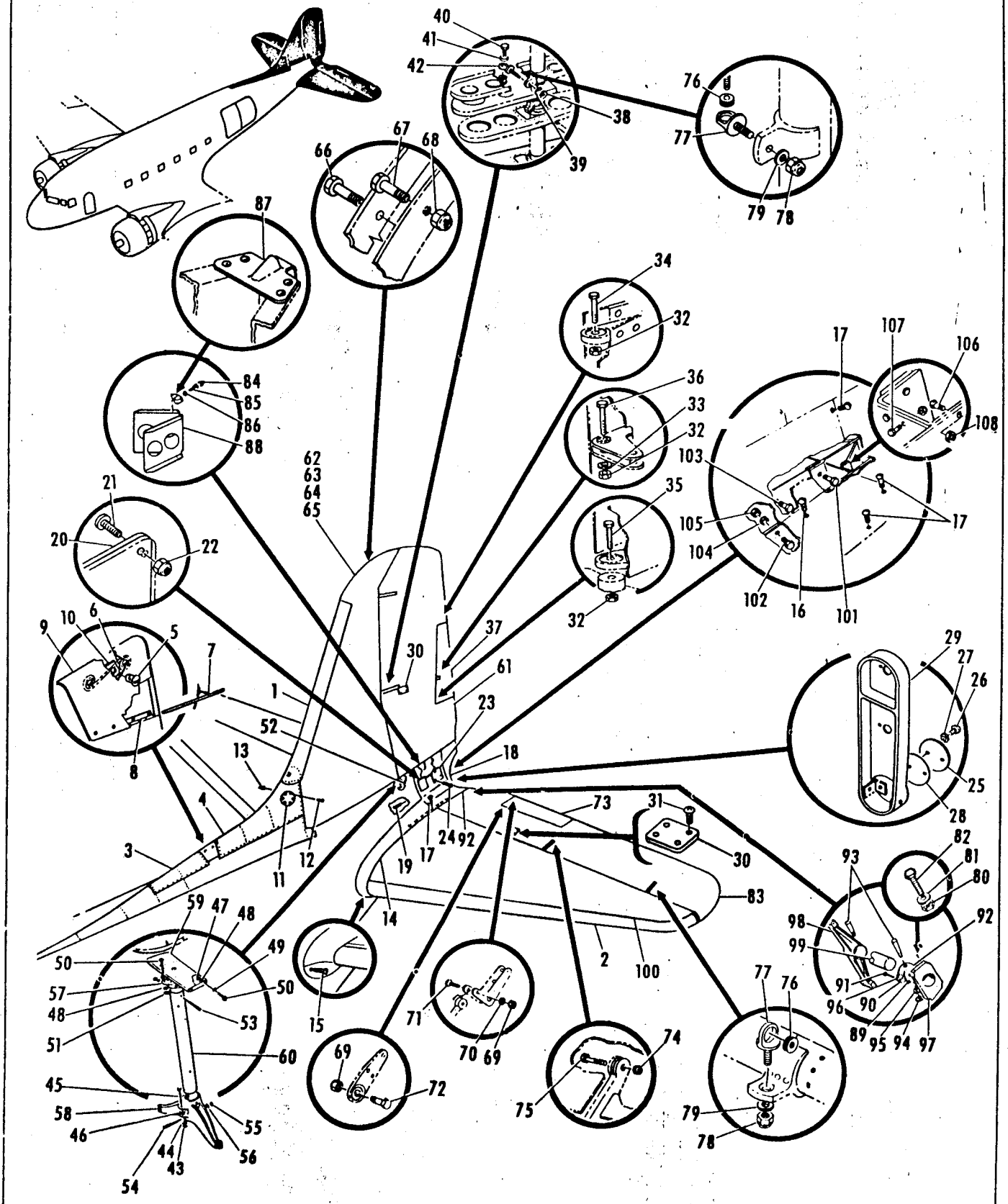


Figure 13. Empennage

V4-11

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
13	5115207	EMPENNAGE INSTL	1	A
	5188295	EMPENNAGE INSTL	1	B
- 1	11-364-9-1	SHOE, DEICER VERTICAL STABILIZER FIN (25472)	1	
- 2	11-364-8-1	SHOE, DEICER HORIZONTAL STABILIZER (25472)	2	
	5115215	FAIRING INSTL, VERTICAL STABILIZER FWD	1	C
	5142030	FAIRING INSTL, VERTICAL STABILIZER FWD SECTION FWD	REF	D
		(SEE FIG. 16 FOR NHA)		
- 3	5115215-44	FAIRING ASSY, VERTICAL STABILIZER FWD SECTION FWD	1	C
- 4	5115215-43	FAIRING ASSY, VERTICAL STABILIZER AFT SECTION FWD	1	C
	5142030-36	FAIRING ASSY, VERTICAL STABILIZER FWD SECTION FWD	1	D
- 5	A30	FASTENER, (72794)	2	
- 6	S5A250	SPRING, (72794) (ALT PN 100A (72794))	2	
- 7	S121873-091-408	PIN, SAFETY	2	
- 8	5115215-52	HINGE ASSY, VERTICAL STABILIZER FWD FAIRING	2	C
		(MAKE FROM S129787D412)		
	5142030-28	HINGE ASSY, VERTICAL STABILIZER FWD FAIRING	2	D
		(MAKE FROM S129787D412)		
- 9	5115215-36	DOOR, VERTICAL STABILIZER FWD FAIRING LH	1	C
	5142030-24	DOOR, VERTICAL STABILIZER FWD FAIRING LH	1	D
- 10	5115215-37	DOOR, VERTICAL STABILIZER FWD FAIRING RH	1	C
	5142030-26	DOOR, VERTICAL STABILIZER FWD FAIRING RH	1	D
- 11	5115215-62	PLATE, VERTICAL STABILIZER FWD FAIRING COVER	1	C
		(ATTACHING PARTS)		
- 12	MS24621-29	SCREW, (ALT PN AN530-8-6)	6	C
- 13	NAS395-17-1	NUT, (ALT PN 1348M1-032 (78553))	6	C

- 14	5115165	FILLET ASSY, HORIZONTAL STABILIZER LH (DRILL ON INSTL)	1	
	5115165-1	FILLET ASSY, HORIZONTAL STABILIZER RH (DRILL ON INSTL)	1	
		(ATTACHING PARTS)		
- 15	MS24621-30	SCREW, (ALT PN AN530-8-8)	2	
- 16	MS24621-29	SCREW, (ALT PN AN530-8-6)	88	
- 17	MS35206-245	SCREW, (ALT PN AN526-832-8)	86	

- 18	5115214	FAIRING ASSY, FUSELAGE REAR END TAILCONE (DRILL ON INSTL)	1	A
	5188236-4	FAIRING ASSY, FUSELAGE REAR TAILCONE LH (DRILL ON INSTL)	1	B
	5188236-2	FAIRING ASSY, FUSELAGE REAR TAILCONE RH (DRILL ON INSTL)	1	B
		(ATTACHING PARTS)		
- 19	MS35206-245	SCREW, (ALT PN AN526-832-8)	33	

- 20	5115214-41	DOOR ASSY, FUSELAGE REAR TAILCONE FAIRING LH	1	A
	5188236-50	DOOR ASSY, FUSELAGE REAR TAILCONE FAIRING LH	1	B
		(ATTACHING PARTS)		
- 21	MS35206-244	SCREW, (ALT PN AN515-8-7)	2	
- 22	68NC2-82	NUT, CLINCH (72962) (ALT PN 68C2-82 (72962))	2	

- 23	5115214-42	DOOR ASSY, FUSELAGE REAR TAILCONE FAIRING RH	1	A
	5188236-52	DOOR ASSY, FUSELAGE REAR TAILCONE FAIRING RH	1	B
		(ATTACHING PARTS)		
- 24	MS35206-243	SCREW, (ALT PN S124630-8-6)	3	

- 25	1188359	PLATE, STATIC DISCHARGE RECEPTACLE COVER	1	B
		(MAKE FROM S124681D40-051)		
		(ATTACHING PARTS)		
- 26	MS24621-18	SCREW, (ALT PN AN530-6-8)	2	B
- 27	AN960-6	WASHER	2	B

- 28	1188357	GASKET, STATIC DISCHARGE RECEPTACLE	2	B
- 29	4188360	BULKHEAD, RADIO TRAIL ANTENNA AND REAR LIGHT	1	B
- 30	1115149	DOOR, TAIL TAB MECHANISM INSPECTION	3	
		(ATTACHING PARTS)		
- 31	MS35206-245	SCREW, (ALT PN AN526-832-8)	12	

- 32	AN310-3	NUT	3	
- 33	AN960-10	WASHER, (ALT PN AC940-316)	1	
- 34	AN3-7	BOLT	1	
- 35	AN3-13	BOLT	1	
- 36	AN3-10	BOLT	1	
- 37	5115213	TAB ASSY, RUDDER (SEE FIG. 14 FOR DETAILS)	1	

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
	CONTINUED			
13				
- 38	AN310-4	NUT	2	
- 39	AN960D416	WASHER	2	
- 40	AN4-12	BOLT	2	
	S134808	BOLT ASSY, RUDDER EYE	2	
- 41	MS20200KP4	BEARING, (ALT PN AN200K4)	1	
- 42	S134808-1	BOLT, RUDDER EYE	1	
- 43	AN310-6	NUT	2	
- 44	AN960-6	WASHER, (ALT PN AC945-6)	2	
- 45	AN4-14	BOLT	2	
- 46	NAS43HT4-10	SPACER, (ALT PN S117425-4S05)	1	
- 47	AN310-4	NUT	2	
- 48	AN960D416	WASHER	9	
- 49	AN960-416	WASHER	1	
- 50	AN4-6A	BOLT	4	
- 51	MS21044N4	NUT, (ALT PN AN365-428)	4	
- 52	5118595	STOCK ASSY, RUDDER	1	
- 53	AN386-3-19	PIN	2	
- 54	AN386-3-20	PIN	2	
- 55	AN320-4	NUT	4	
- 56	AN975-4	WASHER	4	
- 57	4115157	HINGE, RUDDER STOCK (MAKE FROM S4072098) (DRILL ON INSTL)	1	
- 58	5118056	HORN, RUDDER (MAKE FROM S5118057)	1	
- 59	1115148	CHANNEL, RUDDER STOCK (DRILL ON INSTL)	1	
- 60	5118595-2	TUBE, RUDDER STOCK	1	
- 61	5115212	RUDDER ASSY, COVERED (SEE FIG. 14 FOR DETAILS)	1	
- 62	5115208	STABILIZER ASSY, VERTICAL (DRILL ON INSTL) (SEE FIG. 14 FOR DETAILS) (ATTACHING PARTS)	1	
- 63	MS27039-1-12	SCREW, (ALT PN AN525-10-12)	28	
- 64	MS27039-1-14	SCREW, (ALT PN AN525-10-14)	2	
- 65	MS27039-1-10	SCREW, (ALT PN AN525-10-10)	114	
- 66	MS27039-1-8	SCREW, (ALT PN AN525-10-8)	26	
- 67	AN3-4A	BOLT	4	A
	AN3-4	BOLT	4	B
- 68	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
	AN310-3	NUT	4	B
- 69	AN310-3	NUT	6	
- 70	AN960-10	WASHER, (ALT PN AC940-316)	4	
- 71	AN3-13	BOLT	4	
- 72	AN3-10	BOLT	2	
- 73	5115211	TAB ASSY, ELEVATOR (SEE FIG. 15 FOR DETAILS)	2	
- 74	AN310-4	NUT	4	
- 75	AN4-12	BOLT	4	
	S134808	BOLT ASSY, ELEVATOR EYE	4	
- 76	MS20200KP4	BEARING, (ALT PN AN200K4)	1	
- 77	S134808-1	BOLT, ELEVATOR EYE	1	
- 78	AN310-6	NUT	4	
- 79	AN960-6	WASHER, (ALT PN AC945-6)	4	
- 80	MS21044N4	NUT, (ALT PN AN365-428)	8	
- 81	AN960D416	WASHER	24	
- 82	AN4-6A	BOLT	8	

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
	CONTINUED			
13				
- 83	5115210	ELEVATOR ASSY, COVERED (DRILL ON INSTL)	2	
		(SEE FIG. 15 FOR DETAILS)		
	5130750	STOP INSTL, ELEVATOR	1	
	1115152	STUD ASSY, ELEVATOR BUMPER	2	
- 84	1115152-2	CAP, ELEVATOR BUMPER STUD	1	
- 85	1115152-1	STUD, ELEVATOR BUMPER	1	
- 86	AN316-5R	NUT	2	
- 87	2130736	BRACKET, ELEVATOR STOP (MAKE FROM S2130735)	2	
- 88	5130750-2	SUPPORT, ELEVATOR STOP	1	
- 89	AN310-4	NUT	2	
- 90	AN960D416	WASHER	8	
- 91	AN4-14	BOLT	2	
- 92	5115162	STOCK ASSY, ELEVATOR	1	
- 93	AN386-3-19	PIN	6	
- 94	AN320-4	NUT	6	
- 95	AN975-4	WASHER	6	
- 96	4115156	HINGE, ELEVATOR STOCK (MAKE FROM S4070989) (DRILL ON INSTL)	2	
- 97	2115154	CHANNEL, ELEVATOR STOCK (DRILL ON INSTL)	2	
- 98	5115163	HORN, ELEVATOR STOCK (MAKE FROM S5072257) (DRILL ON INSTL)	1	
- 99	5115162-1	TUBE, ELEVATOR	1	
-100	5115209	STABILIZER ASSY, HORIZONTAL (DRILL ON INSTL)	2	
		(SEE FIG. 15 FOR DETAILS)		
		(ATTACHING PARTS)		
-101	AN3-4A	BOLT	6	
-102	AN3-5A	BOLT	100	
-103	AN3-6A	BOLT	60	
-104	AN960D10	WASHER	332	
-105	MS21044N3	NUT, (ALT PN AN365-1032)	166	
-106	AN4-4A	BOLT	8	
-107	AN4-5A	BOLT	6	
-108	MS21044N4	NUT, (ALT PN AN365-428)	14	
		A 001 THRU 541 AND 555 THRU 558		
		B 542 THRU 554		
		C 001 THRU 006, 026 THRU 056, 149 THRU 177 AND 210 THRU 558		
		D 007 THRU 025, 057 THRU 148 AND 178 THRU 209		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

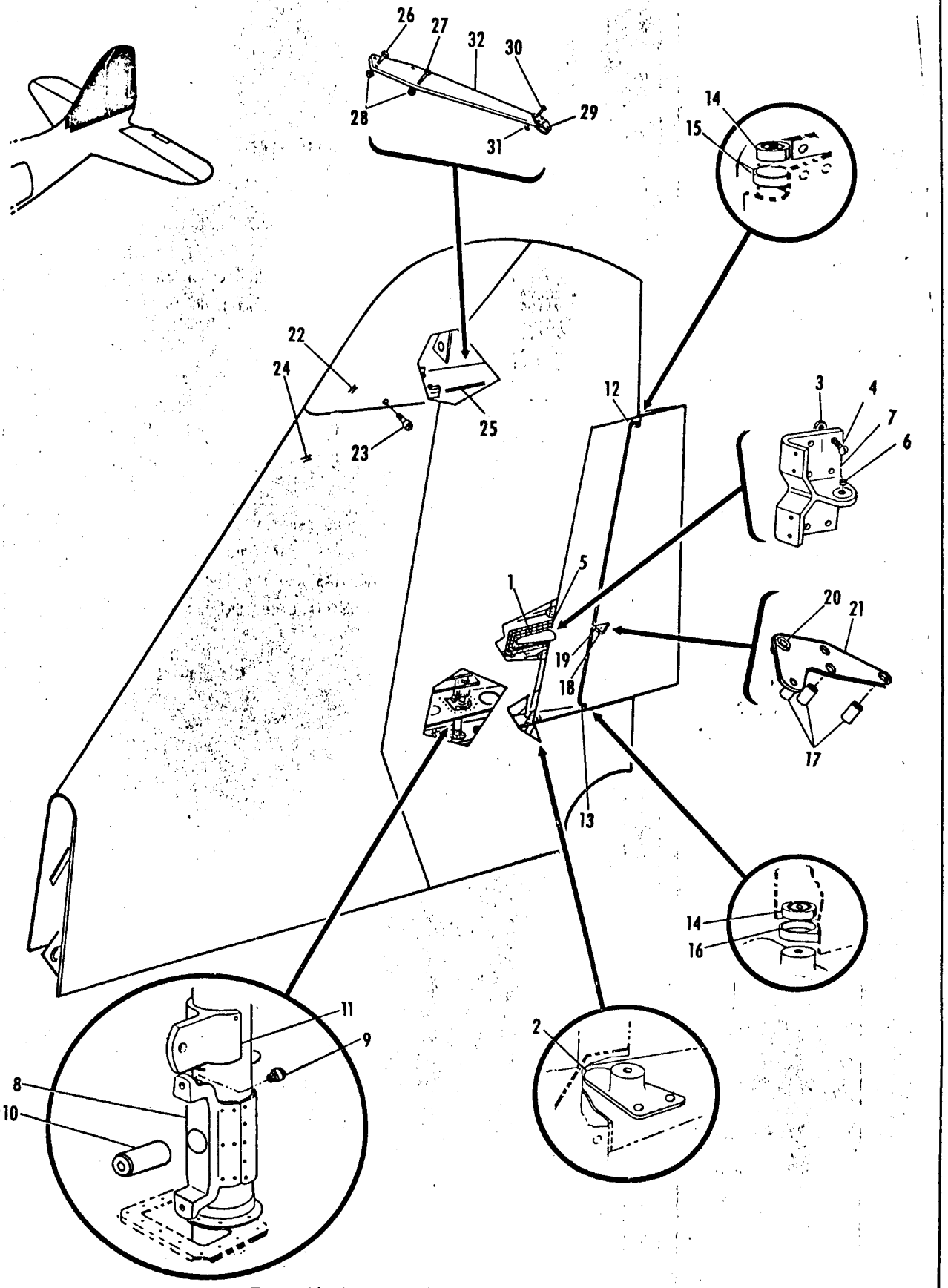


Figure 14. Rudder, Tab, and Vertical Stabilizer

V4-72

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
14		RUDDER, TAB AND VERTICAL STABILIZER		
	5115212	RUDDER ASSY, COVERED (SPARE PARTS ASSY 1142556)	REF	
		(SEE FIG. 13 FOR NHA)		
- 1	4115108	BOOT ASSY, RUDDER TAB PUSH ROD	1	
- 2	1141847	BRACKET, TAB HINGE	2	
- 3	MS21044N3	NUT, (ALT PN AN365-1032)	4	
- 4	AN23-8A	BOLT	4	
- 5	2115396	BEARING ASSY, RUDDER TAB CENTER HINGE	1	
- 6	MS27261KS3L	BEARING	1	
- 7	2115396-1	BRACKET, (MAKE FROM S2024273-1)	1	
- 8	4115109	MOUNT ASSY, TAB CONTROL DRUM (MAKE FROM S4006413)	1	
- 9	52ND2398-10-048	NUT, (72962) (ALT PN 42D10-048 (72962))	2	
		(SIZE ID TO 0.3749/0.3751 ON INSTL)		
- 10	1115091	BUSHING, TAB CONTROL SCREW (SIZE ID 0.6245/0.6255 ON INSTL)	1	
- 11	S242732	FITTING, CONTROL SURFACE HINGE	2	
	5115213	TAB ASSY, RUDDER (SEE FIG. 13 FOR NHA)	REF	
- 12	1115119	BEARING ASSY, RUDDER TAB UPPER HINGE	1	
- 13	1115121	BEARING ASSY, RUDDER TAB LOWER HINGE	1	
- 14	MS27261KS3L	BEARING	1	
- 15	1115119-1	PLATE, HINGE BEARING UPPER	1	
- 16	1115121-1	PLATE, HINGE BEARING LOWER	1	
- 17	S138275-5-32	SPACER	3	
- 18	1115118	HORN ASSY, RUDDER TAB CONTROL LOWER	1	
- 19	1115118-1	HORN ASSY, RUDDER TAB CONTROL UPPER	1	
- 20	1115120	BUSHING, RUDDER TAB HORN	1	
- 21	1115118-2	PLATE, RUDDER TAB HORN	1	
	5115208	STABILIZER ASSY, VERTICAL (SPARE PARTS ASSY 1142378)	REF	
		(SEE FIG. 13 FOR NHA)		
- 22	5115208-2	TIP ASSY, VERTICAL STABILIZER	1	
		(ATTACHING PARTS)		
- 23	MS35206-244	SCREW, (ALT PN S124630-8-7)	34	-
		----*----		
- 24	5115208-1	STABILIZER ASSY, VERTICAL	1	
- 25	3115125	HINGE ASSY, RUDDER	2	
		(ATTACHING PARTS)		
- 26	AN4-7A	BOLT	2	
- 27	AN4-10A	BOLT	6	
- 28	MS21044D4	NUT, (ALT PN AN365-428)	8	
		----*----		
- 29	1012835	LUG, CONTROL SURFACE HINGE (DRILL ON INSTL)	2	
		(ATTACHING PARTS)		
- 30	AN1303-12D	BOLT, (ALT PN S111904-3-030)	3	
- 31	AN320-3	NUT	3	
		----*---		
- 32	3115125-1	PLATE, RUDDER HINGE	1	

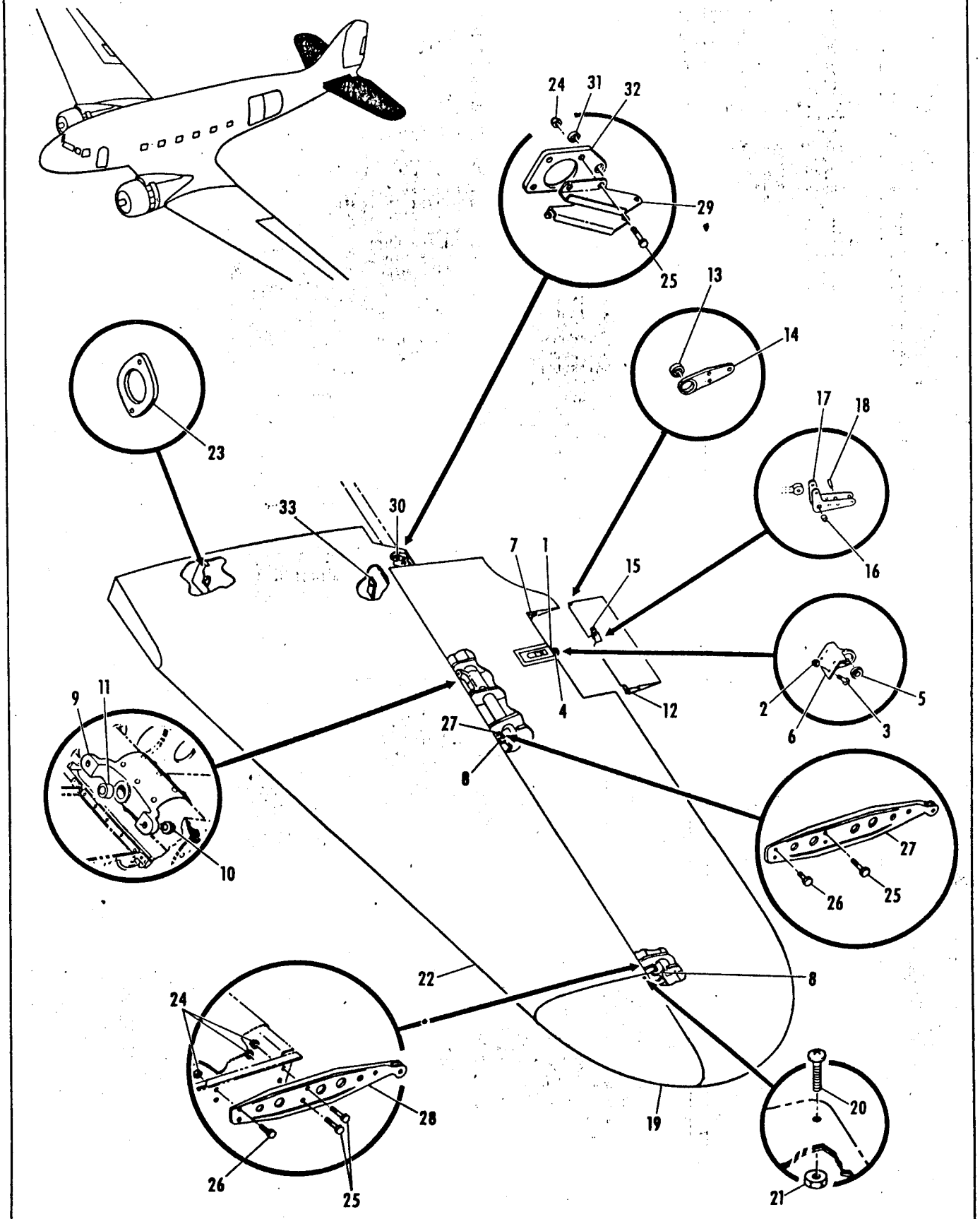


Figure 15. Elevator, Tab, and Horizontal Stabilizer V4-25

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
15		ELEVATOR, TAB AND HORIZONTAL STABILIZER		
	5115210	ELEVATOR ASSY, COVERED (SPARE PARTS ASSY 1142555)	REF	
		(SEE FIG. 13 FOR NHA)		
- 1	4115108	BOOT ASSY, ELEVATOR TAB PUSH ROD	1	
- 2	MS21044N3	NUT, (ALT PN AN365-1032)	4	
- 3	AN23-9A	BOLT	4	
- 4	2141883	BEARING ASSY, ELEVATOR TAB CENTER	1	
- 5	MS27261KS3L	BEARING, (ALT PN AN200K3L)	1	
- 6	2141883-2	FITTING, ELEVATOR TAB CENTER	1	
- 7	1141847	BRACKET, TAB HINGE	2	
- 8	S242732	FITTING, CONTROL SURFACE HINGE	2	
- 9	4115109	MOUNT ASSY, TAB CONTROL DRUM	1	
- 10	52ND2398-10-048	NUT, (72962) (ALT PN 42D10-048 (72962))	2	
		(SIZE ID TO 0.3749/0.3751 ON INSTL)		
- 11	1115091	BUSHING, TAB CONTROL SCREW	1	
		(SIZE ID TO 0.6245/0.6255 ON INSTL)		
	5115211	TAB ASSY, ELEVATOR (SEE FIG. 13 FOR NHA)	REF	
- 12	1115792	BEARING ASSY, ELEVATOR TAB INBOARD AND OUTBOARD	2	
- 13	MS27261KS3L	BEARING, (ALT PN AN200K3L)	1	
- 14	1115792-1	PLATE, ELEVATOR TAB BEARING	1	
- 15	1115791	HORN ASSY, ELEVATOR TAB CONTROL LH	1	
	1115791-1	HORN ASSY, ELEVATOR TAB CONTROL RH	1	
- 16	1115120	BUSHING, ELEVATOR TAB CONTROL HORN	1	
- 17	1115791-2	PLATE, ELEVATOR TAB CONTROL HORN	1	
- 18	S138275-5-32	SPACER	3	
	5115209	STABILIZER ASSY, HORIZONTAL (SPARE PARTS ASSY 1142379)	REF	
		(SEE FIG. 13 FOR NHA)		
- 19	5115183	TIP ASSY, HORIZONTAL STABILIZER (DRILL ON INSTL)	1	
		(ATTACHING PARTS)		
- 20	MS35206-244	SCREW, (ALT PN S124630-8-7)	28	
- 21	MS21044D8	NUT, (ALT PN AN365D832)	2	
	NAS1023D08	NUTPLATE, (ALT PN AC366DF832)	26	
- 22	5115209-1	STABILIZER ASSY, HORIZONTAL	1	
- 23	1115186	FAIRLEAD, HORIZONTAL STABILIZER TAB CONTROL CABLE	1	
- 24	MS21044N4	NUT, (ALT PN AN365-428)	12	
- 25	AN4-11A	BOLT	8	
- 26	AN4-6A	BOLT	4	
- 27	3115184	HINGE, ELEVATOR INTERMEDIATE (MAKE FROM S3017247)	1	
- 28	3115184-1	HINGE, ELEVATOR OUTER (MAKE FROM S3017247)	1	
- 29	2115189	BRACKET ASSY, ELEVATOR TAB PULLEY STA 663	1	
- 30	1115188	HINGE ASSY, ELEVATOR INNER	1	
- 31	MS20200KP4	BEARING, (ALT PN AN200K4)	1	
- 32	1115188-1	PLATE, ELEVATOR INNER HINGE	1	
- 33	5115209-134	STRIP, HORIZONTAL STABILIZER RUB	1	

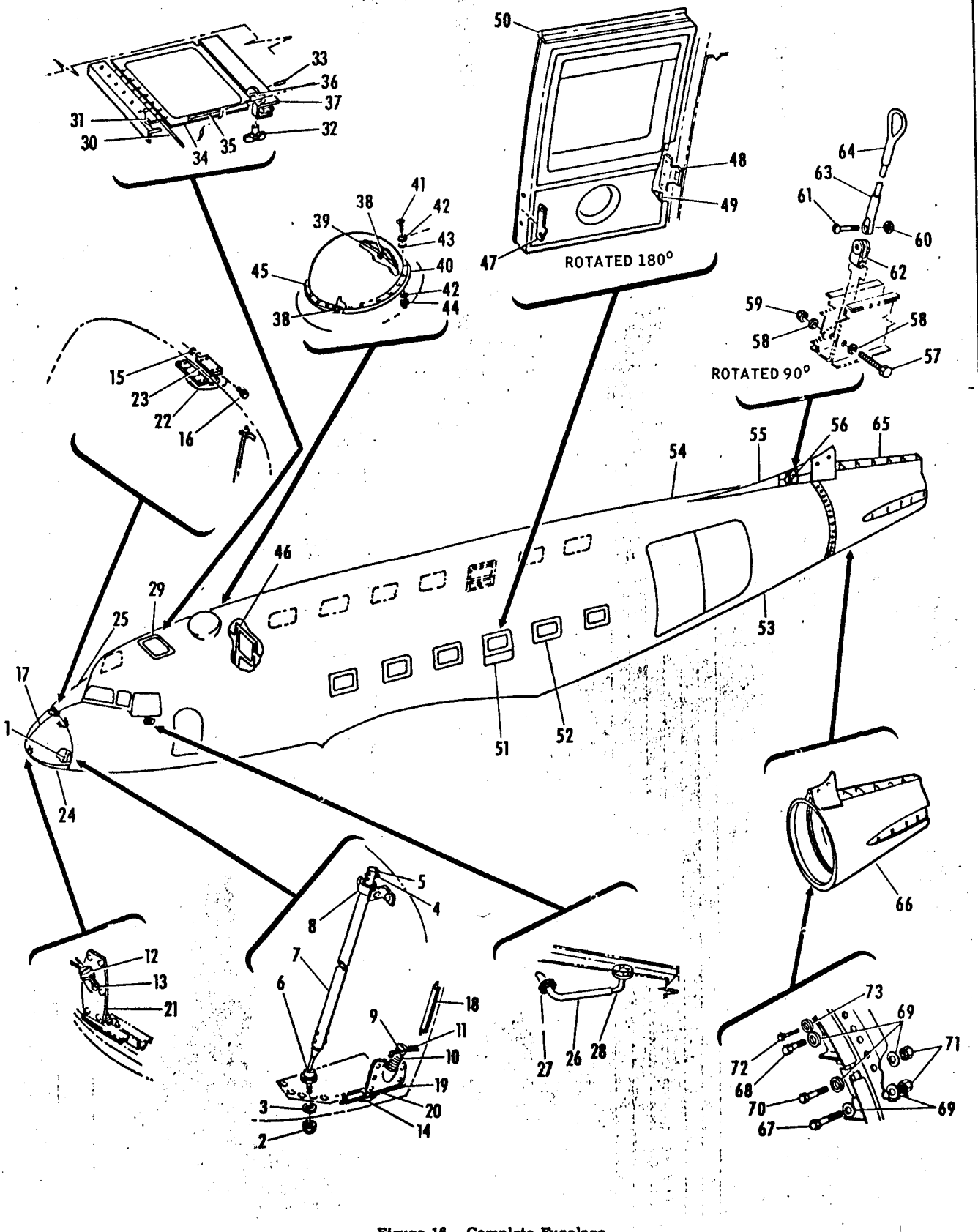


Figure 16. Complete Fuselage

V4-71

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
16	5141406	FUSELAGE ASSY, COMPLETE	1	AL
	5142179	FUSELAGE ASSY, COMPLETE BOLTED	1	MT
	5205214	FUSELAGE ASSY, COMPLETE BOLTED	1	U
	5188185	FUSELAGE ASSY, COMPLETE	1	V
	5114063	STRUCTURE ASSY, FUSELAGE	1	AL
	5142062	STRUCTURE ASSY, BOLTED CENTER FUSELAGE	1	MU
	5188183	STRUCTURE ASSY, FUSELAGE	1	V
	5119131	COVER INSTL, UPPER NOSE	1	
- 1	1119199	SUPPORT ASSY, NOSE HOOD	2	
		(ATTACHING PARTS)		
- 2	MS21044N4	NUT, (ALT PN AN365-428)	2	
- 3	AN960D416	WASHER	2	
		----*---		
- 4	1119199-4	PIN, NOSE HOOD SUPPORT	1	
- 5	1119199-6	PIN, NOSE HOOD SUPPORT	1	
- 6	2485632	BALL JOINT ASSY, NOSE HOOD SUPPORT	1	
- 7	1119199-2	TUBE, NOSE HOOD SUPPORT	1	
- 8	S136714	SPRING, DOOR FASTENER	2	
- 9	1119194-2	SCREW, FUSELAGE NOSE COVER HOLDDOWN	2	
- 10	1119195	SPRING, FUSELAGE NOSE COVER HOLDDOWN SCREW RETRACTING	2	
- 11	AN415-2	PIN	2	
- 12	1119194-1	SCREW, FUSELAGE NOSE COVER HOLDDOWN	2	
- 13	AN415-2	PIN	2	
- 14	1119193	NUTPLATE, FUSELAGE NOSE COVER HOLDDOWN (MAKE FROM 2130632)	4	
- 15	MS21044N3	NUT, (ALT PN AN365-1032)	2	
- 16	AN3-15A	BOLT	2	
- 17	5119131-10	COVER ASSY, UPPER NOSE	1	
- 18	5119131-4	SEAL, UPPER NOSE COVER	1	
- 19	5119131-8	SEAL, UPPER NOSE COVER	1	
- 20	1119196	PLATE, FUSELAGE NOSE COVER HOLDDOWN SIDE FACE (MAKE FROM 2130631)	2	
- 21	2119197	PLATE, FUSELAGE NOSE COVER HOLDDOWN FRONT FACE (MAKE FROM 2130630)	2	
- 22	4119204	HINGE, FUSELAGE NOSE COVER LH (MAKE FROM S239988)	1	
	4119204-1	HINGE, FUSELAGE NOSE COVER RH (MAKE FROM S239988-1)	1	
- 23	2119203	BASE, FUSELAGE NOSE COVER HINGE LH (MAKE FROM S139987)	1	
	2119203-1	BASE, FUSELAGE NOSE COVER HINGE RH (MAKE FROM S139987-1)	1	
- 24	5113198	STRUCTURE INSTL, LOWER NOSE	1	
- 25	5110523	NOSE ASSY, FUSELAGE (SEE FIG. 19 FOR DETAILS)	1	AU
	5188616	NOSE ASSY, FUSELAGE (SEE FIG. 19 FOR DETAILS)	1	V
- 26	5114063-4	TUBE, FUSELAGE STRUCTURE DRAIN	2	AL
	5142062-4	TUBE, FUSELAGE STRUCTURE DRAIN	2	MU
	5188183-4	TUBE, FUSELAGE STRUCTURE DRAIN	2	V
- 27	MS35489-14	GROMMET, (ALT PN AN931-8-13)	2	
- 28	2143724	TUBE, CHANNEL DRAIN	2	
	5140980	DOOR INSTL, NAVIGATOR COMPARTMENT FLARE	1	A
- 29	5140980-8	DOOR ASSY, NAVIGATOR COMPARTMENT FLARE	1	A
- 30	S121873-091-428	PIN, SAFETY	1	A
- 31	5140980-10	HINGE, NAVIGATOR COMPARTMENT FLARE DOOR (MAKE FROM S121874D500)	1	A
- 32	W98291-7-9	STUD, (61864) (ALT PN 98W7-9 (78190))	2	A
- 33	99799	PIN, (61864) (ALT PN 98-7CP (78190))	2	A
- 34	5140980-2	DOOR, NAVIGATOR COMPARTMENT FLARE	1	A
- 35	5140980-16	SEAL, NAVIGATOR COMPARTMENT FLARE DOOR	1	A
	5140980-14	CHANNEL ASSY, NAVIGATOR FLARE DOOR	1	A
- 36	99797C130	SPRING ASSY, (61864) (ALT PN 98-7MS (78190))	2	A
- 37	5140980-4	CHANNEL, NAVIGATOR COMPARTMENT FLARE DOOR	1	A
	5140764	DOME INSTL, NAVIGATOR OBSERVATION	1	AU
- 38	48A2184	ANCHOR, ASTRODOME GROUNDING STRAP (SEE T.O. 1C-1-61)	3	AU
- 39	47A2330	STRAP, ASTRODOME GROUNDING (SEE T.O. 1C-1-61)	1	AU
- 40	123-14-1811	DOME, (SPEC 33001) (GFAE)	1	AU
		(ATTACHING PARTS)		
- 41	MS35207-265	SCREW, (ALT PN S1027300-10-12)	12	AU
- 42	AN960D10	WASHER, (ALT PN 940D316)	24	AU
- 43		WASHER, (PN S143908-006SR018-062)	12	AU
- 44	MS21044D3	NUT, (ALT PN AN365D1032)	12	AU
		----*---		
- 45	5140764-4	GASKET, NAVIGATOR OBSERVATION DOME NEOPRENE	1	AU
- 46	5118038	BULKHEAD INSTL, FUSELAGE STA 177 (SEE FIG. 18 FOR DETAILS)	1	AU
	5188765	BULKHEAD INSTL, FUSELAGE STA 177 (SEE FIG. 18A FOR DETAILS)	1	V
	5113191	EXIT INSTL, AUXILIARY	1	AU
	5189147	EXIT INSTL, AUXILIARY	1	V
- 47	1117921	PLATE, EMERGENCY DOOR STRIKER	4	AU
	1117921	PLATE, EMERGENCY DOOR STRIKER	6	V
- 48	2117927	STRIKER ASSY, AUXILIARY DOOR LH	1	
	2117927-1	STRIKER ASSY, AUXILIARY DOOR RH	1	AU
	2117927-1	STRIKER ASSY, AUXILIARY DOOR RH	2	V
- 49	S147412-7208	STRIP, DOOR WATERTIGHT	4	AU
	S147412-7208	STRIP, DOOR WATERTIGHT	6	V
- 50	5113191-2	STRIP, AUXILIARY EXIT	2	AU
	5189147-2	STRIP, AUXILIARY EXIT	3	V
- 51	5113032	DOOR ASSY, AUXILIARY LH (SEE FIG. 17 FOR DETAILS)	1	AU
	5113032-1	DOOR ASSY, AUXILIARY RH (SEE FIG. 17 FOR DETAILS)	1	AU
- 52	5189148	DOOR ASSY, AUXILIARY LH AND RH (SEE FIG. 17 FOR DETAILS)	2	V
- 53	5139762	FUSELAGE ASSY, CENTER LH (SEE FIG. 22 FOR DETAILS)	1	AL

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
	CONTINUED			
16	5142186	FUSELAGE ASSY, CENTER LH SIDE BOLTED (SEE FIG. 22 FOR DETAILS)	1	MU
	5188186	FUSELAGE ASSY, CENTER LH (SEE FIG. 23 FOR DETAILS)	1	V
- 54	5110590	FUSELAGE ASSY, CENTER RH	1	AL
	5142183	FUSELAGE ASSY, CENTER RH SIDE BOLTED	1	MU
	5188188	FUSELAGE ASSY, CENTER RH SIDE	1	V
- 55	5142030	FAIRING INSTL, VERTICAL STABILIZER FWD SECTION FWD (SEE FIG. 13 FOR DETAILS)	1	MU
- 56	4119125	SLING ASSY, TAIL HOIST (ATTACHING PARTS)	1	
- 57	AN8-23	BOLT	1	AL,V
	AN8-22	BOLT	1	MU
- 58	AN960-816	WASHER	2	AL,V
- 59	AN310-8	NUT	1	
- 60	AN320-7	NUT	1	
- 61	AN27-21	BOLT	1	
- 62	1119127	LINK ASSY, TAIL HOIST SLING	1	
	4119125-10	SLING ASSY, TAIL HOIST	1	
	4119125-8	SLING ASSY, TAIL HOIST	1	
- 63	1119126	CLEVIS, TAIL HOIST SLING	1	
- 64	1119128	TERMINAL, TAIL HOIST SLING (MAKE FROM S2018992)	1	
- 65	5110532	SECTION ASSY, FUSELAGE REAR (SEE FIG. 30 FOR DETAILS)	1	AL
	5188320	SECTION ASSY, FUSELAGE REAR (SEE FIG. 30 FOR DETAILS)	1	V
- 66	5142061	SECTION ASSY, FUSELAGE REAR BOLTED (SEE FIG. 30 FOR DETAILS) (ATTACHING PARTS)	1	MU
- 67	AN5-12A	BOLT	46	MU
- 68	AN5-7A	BOLT	44	MU
- 69	AN960-516	WASHER	106	MU
- 70	AN5-10A	BOLT	8	MU
- 71	MS21044D5	NUT, (ALT PN AN365-524)	98	MU
- 72	AN3-5A	BOLT	2	MU
- 73	AN960-10	WASHER	2	MU
	5188864	COMPARTMENT INSTL, REAR BAGGAGE (SEE FIG. 31 FOR DETAILS)	1	V
	5110597	SUPPORT INSTL, FLOOR STA 136 TO 177	1	AU
	5188329	SUPPORT INSTL, FLOOR STA 136 TO 177	1	V
	5110535	FLOOR INSTL, FORWARD (SEE FIG. 32 FOR DETAILS)	1	AB
	5142808	FLOOR INSTL, FORWARD (SEE FIG. 32 FOR DETAILS)	1	CU
	5188327	FLOOR INSTL, FORWARD (SEE FIG. 32 FOR DETAILS)	1	V
	5140001	FLOOR INSTL, MAIN CARGO COMPARTMENT (SEE FIG. 33 FOR DETAILS)	1	X
	5189568	FLOOR INSTL, MAIN CARGO COMPARTMENT (SEE FIG. 33 FOR DETAILS)	1	H,J
	5188326	FLOOR INSTL, CABIN (SEE FIG. 34 AND 35 FOR DETAILS)	1	V
	5110537	COMPARTMENT INSTL, FWD BAGGAGE RH (SEE FIG. 36 FOR DETAILS)	1	AU
	5188330	COMPARTMENT INSTL, FWD BAGGAGE (SEE FIG. 36 FOR DETAILS)	1	V
	5110547	CONTROL INSTL, FUSELAGE FLIGHT (SEE FIG. 81 THRU 84A AND 130 FOR DETAILS)	1	AU
	5189195	CONTROL INSTL, FUSELAGE FLIGHT (SEE FIG. 81 THRU 84A AND 130 FOR DETAILS)	1	V
	5141841	AUTOMATIC PILOT INSTL, FUSELAGE (SEE FIG. 89 AND 90 FOR DETAILS)	1	Y
	5202419	AUTOMATIC PILOT INSTL, FUSELAGE (SEE FIG. 89 AND 90 FOR DETAILS)	1	W
	5110555	SYSTEM INSTL, FUS FUEL (SEE FIG. 105 AND 106 FOR DETAILS)	1	A
	5142060	SYSTEM INSTL, FUS FUEL (SEE FIG. 105 AND 106 FOR DETAILS)	1	Z
	5203736	SYSTEM INSTL, FUSELAGE FUEL (SEE FIG. 105 FOR DETAILS)	1	AA
	5110553	SYSTEM INSTL, FUSELAGE HYDRAULIC (SEE FIG. 108 THRU 110 FOR DETAILS)	1	AC,K
	5141943	SYSTEM INSTL, FUSELAGE HYDRAULIC (SEE FIG. 108 THRU 110 FOR DETAILS)	1	BB
	5203833	SYSTEM INSTL, FUSELAGE HYDRAULIC (SEE FIG. 108 THRU 110 FOR DETAILS)	1	GJ,U
	5188351	SYSTEM INSTL, FUSELAGE HYDRAULIC (SEE FIG. 108 THRU 110 FOR DETAILS)	1	V
	5141409	SYSTEM INSTL, FUSELAGE CARBURETOR DEICER (SEE FIG. 137 FOR DETAILS)	1	CC
	5110551	SYSTEM INSTL, FUSELAGE PROPELLER DEICER (SEE FIG. 138 FOR DETAILS)	1	
	5110550	SYSTEM INSTL, FUSELAGE SURFACE DEICER (SEE FIG. 139 FOR DETAILS)	1	
	5141408	SYSTEM INSTL, WINDSHIELD DEICER (SEE FIG. 140 FOR DETAILS)	1	CC
	5188335	SYSTEM INSTL, FUSELAGE WINDSHIELD AND CARBURETOR LIQUID DEICER (SEE FIG. 141 FOR DETAILS)	1	J,V
	5141410	INSTRUMENT INSTL, FUSELAGE (SEE FIG. 142 AND 143 FOR DETAILS)	1	Y
	5202422	INSTRUMENT INSTL, FUSELAGE (SEE FIG. 142 AND 143 FOR DETAILS)	1	DD
	5188290	INSTRUMENT INSTL, FUSELAGE (SEE FIG. 142 AND 143 FOR DETAILS)	1	V
	5110554	SYSTEM INSTL, FUSELAGE FIRE EXTINGUISHER (SEE FIG. 191 FOR DETAILS)	1	AS
	5203735	SYSTEM INSTL, FUSELAGE FIRE EXTINGUISHER (SEE FIG. 191 FOR DETAILS)	1	TU
	5115217	FLOOR AND SEAT INSTL, PILOT (SEE FIG. 192 FOR DETAILS)	1	AU
	5188949	FLOOR AND SEAT INSTL, PILOT (SEE FIG. 192 FOR DETAILS)	1	V

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
16	5110559	EQUIPMENT INSTL, COCKPIT (SEE FIG. 195 FOR DETAILS)	1	AU
	5188346	EQUIPMENT INSTL, COCKPIT (SEE FIG. 195 FOR DETAILS)	1	V
	5110557	TUBE INSTL, PILOT RELIEF (SEE FIG. 195 FOR DETAILS)	1	AU
	5110562	COMPARTMENT INSTL, RADIO (SEE FIG. 196 FOR DETAILS)	1	AU
	5141241	COMPARTMENT INSTL, NAVIGATOR (SEE FIG. 197 FOR DETAILS)	1	AU
	5140000	BENCH AND SUPPORT INSTL, PASSENGER FOLDING (SEE FIG. 199 FOR DETAILS)	1	X
	5189500	SEAT INSTL, CANVAS TYPE TROOP (SEE FIG. 200 FOR DETAILS)	1	H,J
	5188283	SEAT INSTL, PASSENGER (SEE FIG. 200 FOR DETAILS)	1	V
	5139976	LINING AND EQUIPMENT INSTL, LARGE DOOR MAIN CARGO COMPARTMENT (SEE FIG. 201 THRU 203 FOR DETAILS)	1	A,B
	5142309	LINING AND EQUIPMENT INSTL, MAIN CARGO COMPARTMENT (SEE FIG. 201 THRU 203 FOR DETAILS)	1	CU
	5188241	EQUIPMENT INSTL, STOWAGE AND MISCELLANEOUS (SEE FIG. 204 FOR DETAILS)	1	V
	5188285	INTERIOR INSTL, CABIN EQUIPMENT AND LINING (SEE FIG. 208 AND 209 FOR DETAILS)	1	V
	5110545	LAVATORY INSTL, (SEE FIG. 213 FOR DETAILS)	1	AU
	5188220	LAVATORY INSTL, (SEE FIG. 214 FOR DETAILS)	1	V
	5188722	EQUIPMENT INSTL, BUFFET (SEE FIG. 217 FOR DETAILS)	1	V
	5110544	SYSTEM INSTL, FUSELAGE HEAT AND VENT (SEE FIG. 220 THRU 222 FOR DETAILS)	1	A,K
	5141469	SYSTEM INSTL, FUSELAGE HOT AIR (SEE FIG. 223 AND 224 FOR DETAILS)	1	EE
	5202279	SYSTEM INSTL, FUSELAGE HOT AIR (SEE FIG. 223 AND 224 FOR DETAILS)	1	FF
	5188282	SYSTEM INSTL, FUSELAGE HOT AIR (SEE FIG. 227 AND 228 FOR DETAILS)	1	V
	5188626	SYSTEM INSTL, COLD AIR VENTILATING (SEE FIG. 231 FOR DETAILS)	1	V
	5110558	SYSTEM INSTL, LOW PRESSURE OXYGEN (SEE FIG. 232 FOR DETAILS)	1	GG
	5142809	SYSTEM INSTL, LOW PRESSURE OXYGEN (SEE FIG. 233, 234, 237 AND 238 FOR DETAILS)	1	P
	5203022	SYSTEM INSTL, LOW PRESSURE OXYGEN (SEE FIG. 236, 237 AND 238 FOR DETAILS)	1	HH
	5209881	SYSTEM INSTL, LOW PRESSURE OXYGEN (SEE FIG. 239 AND 240 FOR DETAILS)	1	GJ
	5188296	SYSTEM INSTL, LOW PRESSURE OXYGEN (SEE FIG. 241 FOR DETAILS)	1	V
	5204384	SYSTEM INSTL, TROOP LOW PRESSURE OXYGEN (SEE FIG. 242 FOR DETAILS)	1	GJ
	5188905	SYSTEM INSTL, PASSENGER LOW PRESSURE OXYGEN (SEE FIG. 243 FOR DETAILS)	1	V
	5141407	ELECTRICAL INSTL, FUSELAGE (SEE FIG. 264 FOR DETAILS)	1	JJ
	5205088	ELECTRICAL INSTL, FUSELAGE (SEE FIG. 264 FOR DETAILS)	1	GJ,U
	5188288	ELECTRICAL INSTL, FUSELAGE (SEE FIG. 266, 268 AND 269 FOR DETAILS)	1	V

A 026
B 027
C 028
D 029 THRU 031 AND 558
E 032 THRU 056 AND 555 THRU 557
F 149 THRU 171
G 172, 174, 175, 210 THRU 403 AND 528 THRU 536
H 173, 404 THRU 502 AND 537 THRU 540
J 176, 177, 503 THRU 527 AND 541
K 001 AND 002
L 003 THRU 006
M 007 THRU 015
N 016 THRU 025 AND 146 THRU 148
P 057 THRU 070 AND 178
R 071 THRU 092
S 093 THRU 108
T 109 THRU 145 AND 179 THRU 182
U 183 THRU 209
V 542 THRU 554
W 057 THRU 145 AND 149 THRU 554
X 001 THRU 172, 174, 175, 178 THRU 403, 528 THRU 536 AND 555 THRU 558
Y 001 THRU 056, 146 THRU 148 AND 555 THRU 558
Z 001 THRU 025, 027 THRU 092, 146 THRU 148, 178 AND 555 THRU 558
AA 093 THRU 145, 149 THRU 177 AND 179 THRU 554
BB 003 THRU 025, 029 THRU 171, 178 THRU 182 AND 555 THRU 558
CC 001 THRU 175, 178 THRU 502, 528 THRU 540 AND 555 THRU 558
DD 057 THRU 145 AND 149 THRU 541
EE 003 THRU 015, 027 AND 028
FF 016 THRU 025, 029 THRU 541 AND 555 THRU 558
GG 001 THRU 031, 146 THRU 148 AND 558
HH 032 THRU 056, 071 THRU 145, 149 THRU 171, 179 THRU 209 AND 555 THRU 557
JJ 001 THRU 171, 178 THRU 182 AND 555 THRU 558

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

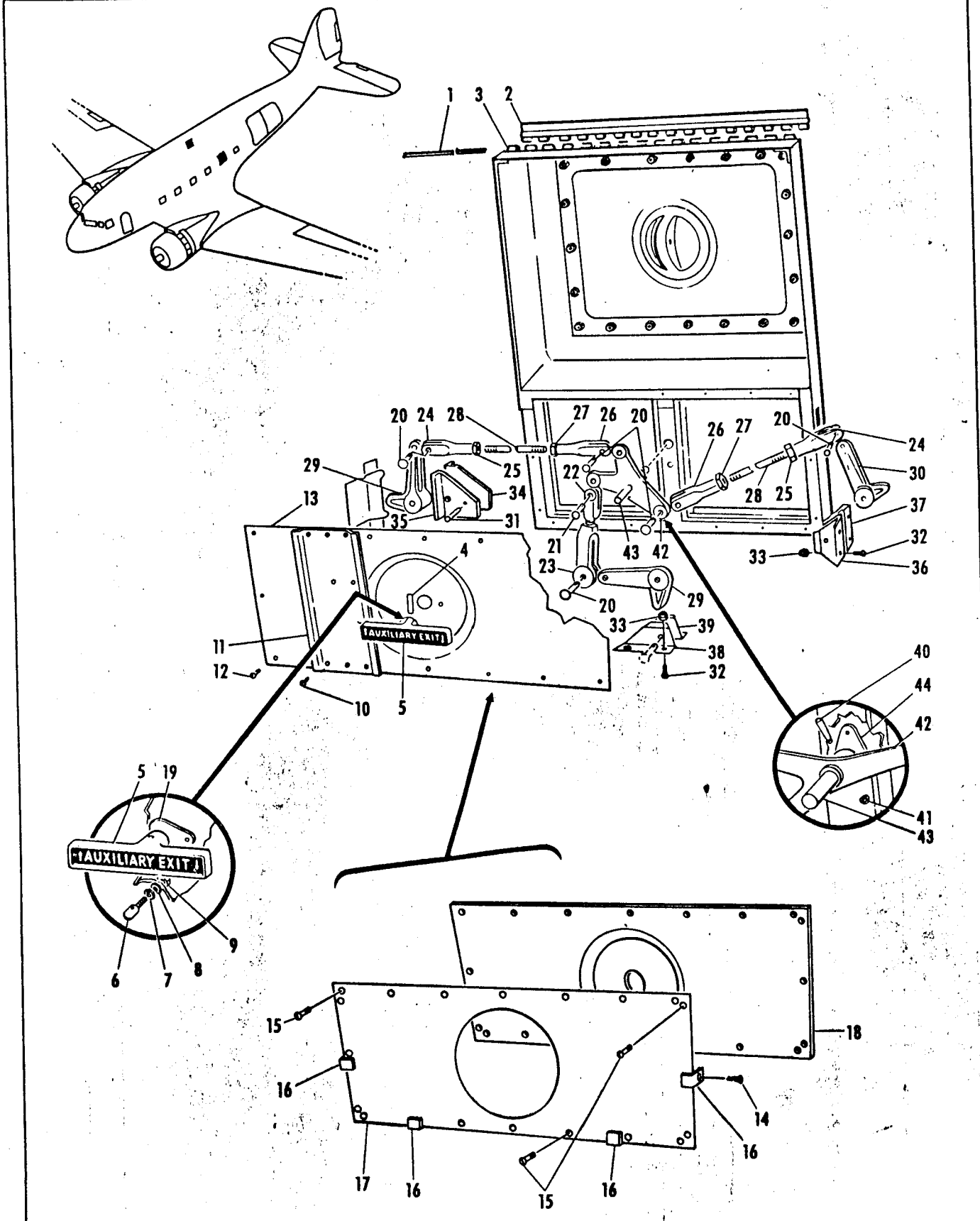


Figure 17. Auxiliary Door

V4-8

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
17	5113032	DOOR ASSY, AUXILIARY LH (SEE FIG. 16 FOR NHA)	REF	A
	5113032-1	DOOR ASSY, AUXILIARY RH (SEE FIG. 16 FOR NHA)	REF	A
	5189148	DOOR ASSY, AUXILIARY (USED ON LH AND RH SIDE) (SEE FIG. 16 FOR NHA)	REF	B
- 1	S121873-091-2024	PIN, SAFETY	1	
- 2	5113032-4	HINGE, AUXILIARY DOOR HALF (MAKE FROM S145062AD2128)	1	A
	5189148-4	HINGE, AUXILIARY DOOR HALF (MAKE FROM S145062AD2128)	1	B
- 3	5113032-6	HINGE, AUXILIARY DOOR HALF (MAKE FROM S145062BD2020)	1	A
	5189148-6	HINGE, AUXILIARY DOOR HALF (MAKE FROM S145062BD2020)	1	B
- 4	S146142-156-023	PIN	1	
- 5	2117926	HANDLE, AUXILIARY DOOR OPERATING (MAKE FROM S1006707) (DRILL ON INSTL)	1	
- 6	S127565	STUD, COWLING FASTENER	1	
- 7	MS35338-42	WASHER, (ALT PN AN935-8)	1	
- 8	AN960D8	WASHER	2	
- 9	AN340-8S	NUT	1	
- 10	MS35207-264	SCREW, (ALT PN AN520-10-10)	6	A
- 11	4205577	DOUBLER, AUXILIARY DOOR	1	A
- 12	MS24621-30	SCREW, (ALT PN AN530-8-8)	16	A
- 13	5113032-20	PANEL, AUXILIARY DOOR	1	A
- 14	MS24621-17	SCREW, (ALT PN AN530-6-6)	4	B
- 15	S1029421-8-8	SCREW, 100 DEGREE RECESSED FLAT HEAD	20	B
- 16	1189157	ANGLE, AUXILIARY EXIT PANEL ATTACH	4	B
- 17	5189148-42	PANEL, AUXILIARY DOOR	1	B
- 18	5189148-20	PANEL, AUXILIARY DOOR	1	B
- 19	1117923	BEARING, AUXILIARY DOOR HANDLE SHAFT (SIZE ID TO 0.4990/0.5010 ON INSTL)	1	
- 20	MS20392-2C11	PIN, (ALT PN AN393-11)	5	
- 21	MS20392-3C15	PIN, (ALT PN AN394-15)	1	
	1117922	LINK ASSY, AUXILIARY DOOR OPERATING	1	
- 22	1117922-4	FORK, AUXILIARY DOOR OPERATING LINK (MAKE FROM MS21252-5RS)	1	
- 23	1117922-2	ROD END, AUXILIARY DOOR OPERATING LINK (MAKE FROM MS27975-4)	1	
	2117925	ROD ASSY, EMERGENCY DOOR LATCH OPERATING	2	
- 24	AN665-21R	CLEVIS, ROD END	1	
- 25	AN315-3R	NUT	1	
- 26	AN665-21L	CLEVIS, ROD END	1	
- 27	AN315-3L	NUT	1	
- 28	2117925-2	ROD, EMERGENCY DOOR LATCH OPERATING	1	
- 29	2117924	LATCH, AUXILIARY DOOR LH (MAKE FROM S1006764)	1	
- 30	2117924-1	LATCH, AUXILIARY DOOR RH (MAKE FROM S1006764)	2	
- 31	MS20392-1C19	PIN, (ALT PN AN392-19)	1	
- 32	MS35207-262	SCREW, BINDER HEAD (ALT PN S124630-10-7)	1	
- 33	MS20365D1032	NUT, (ALT PN AN365D1032)	12	
- 34	5113032-32	ANGLE, AUXILIARY DOOR LH (MAKE FROM S134903-128)	12	
	5189148-32	ANGLE, AUXILIARY DOOR (MAKE FROM S134903-128)	1	A
- 35	5113032-33	ANGLE, AUXILIARY DOOR RH (MAKE FROM S134903-128)	1	B
	5189148-33	ANGLE, AUXILIARY DOOR (MAKE FROM S134903-128)	1	A
- 36	5113032-10	ANGLE, AUXILIARY DOOR LH (MAKE FROM S130893-128)	1	B
	5189148-10	ANGLE, AUXILIARY DOOR (MAKE FROM S130893-128)	1	A
- 37	5113032-11	ANGLE, AUXILIARY DOOR RH (MAKE FROM S130893-128)	1	B
	5189148-11	ANGLE, AUXILIARY DOOR (MAKE FROM S130893-128)	1	A
- 38	5113032-12	ANGLE, AUXILIARY DOOR (MAKE FROM S130893-128)	1	B
	5189148-12	ANGLE, AUXILIARY DOOR (MAKE FROM S130893-128)	1	A
- 39	5113032-14	ANGLE, AUXILIARY DOOR (MAKE FROM S130893-128)	1	B
	5189148-14	ANGLE, AUXILIARY DOOR (MAKE FROM S130893-128)	1	A
- 40	S124604-2-10	PIN, SPECIAL THREADED TAPER	1	B
- 41	MS20365-832	NUT, (ALT PN AN365-832)	1	
- 42	2117928	SPIDER, AUXILIARY DOOR LINKAGE OPERATING (MAKE FROM S2006691) (DRILL ON INSTL)	1	
- 43	5113032-34	SHAFT, AUXILIARY DOOR (DRILL ON INSTL)	1	
	5189148-34	SHAFT, AUXILIARY DOOR	1	A
- 44	1118011	BEARING, AUXILIARY DOOR HANDLE SHAFT (DRILL ON INSTL) (SIZE ID TO 0.4990/0.5010 ON INSTL)	1	B
			1	

A 001 THRU 541 AND 555 THRU 558
B 542 THRU 554

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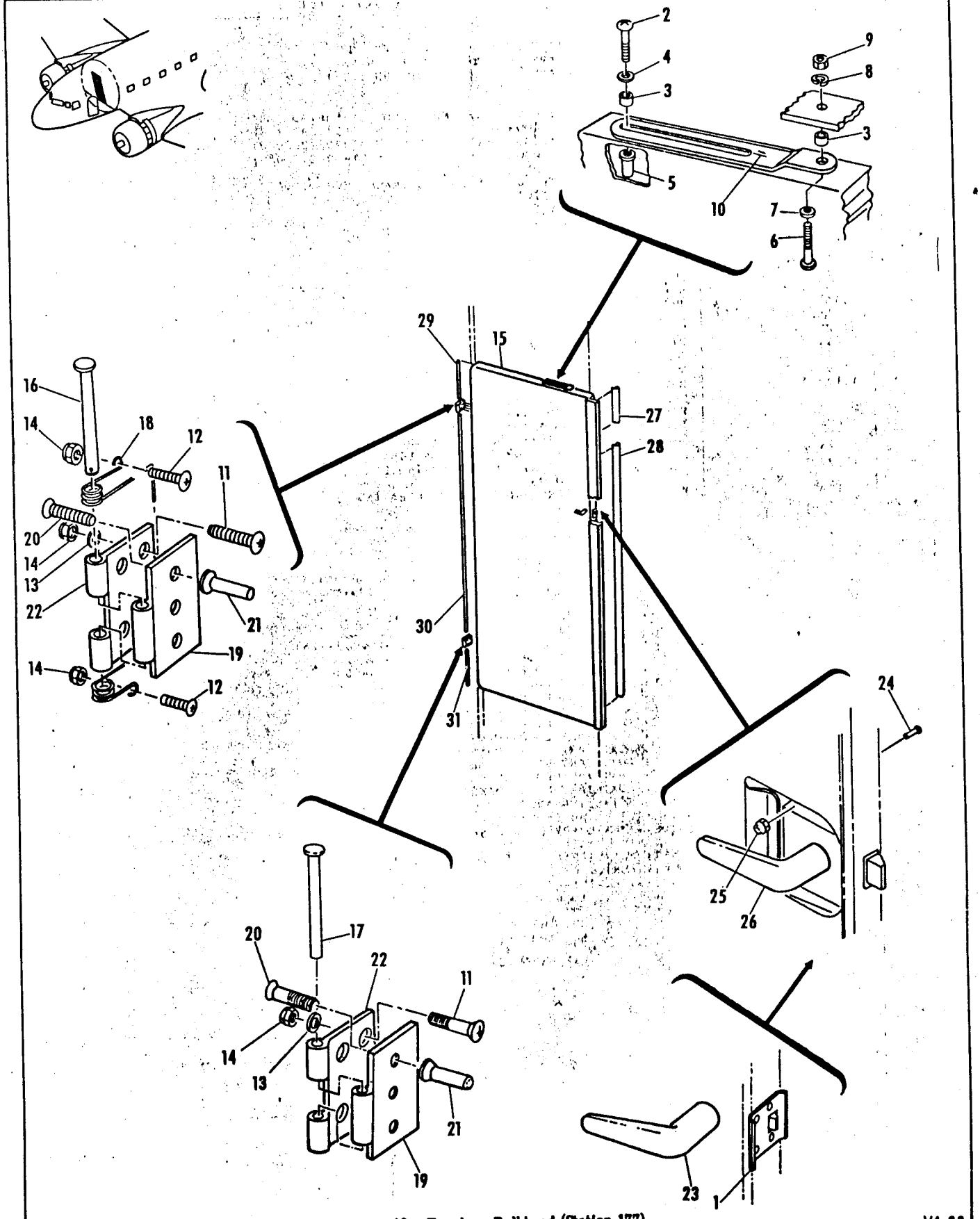

Figure 18. Fuselage Bulkhead (Station 177)

V4-33

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
18	5118038	BULKHEAD INSTL, FUSELAGE STA 177 (SEE FIG. 16 FOR NHA)	REF	AB
- 1	1130174	PLATE, FUSELAGE BULKHEAD	1	AB
- 2	MS35206-246	SCREW, (ALT PN AN526-832-9) (USED ON 5119623)	1	B
	S2656012-8-12	SCREW, RECESSED ROUND HEAD SHEET METAL (ALT PN S1114190A8-12) (USED ON 5142634)	1	B
- 3	NAS43HT2-02	SPACER, (ALT PN S117425-2S02)	2	B
- 4	AN960-10L	WASHER, (USED ON 5119623)	1	B
- 5	6480	LOCKSKRU, (17875) (USED ON 5119623)	1	B
- 6	MS35206-245	SCREW, (ALT PN AN526-832-8)	1	B
- 7	AN960-8	WASHER	1	B
- 8	MS35338-42	WASHER, (ALT PN AN935-8)	1	B
- 9	AN315-3R	NUT	1	B
- 10	2143256	STOP, CABIN DOOR STA 177	1	B
- 11	MS35190-253	SCREW, (ALT PN S1027302-8-8)	8	AB
- 12	S1029679S8-6	SCREW, ROUND HEAD	2	AB
- 13	AN960-8	WASHER	8	AB
- 14	MS21044N08	NUT, (ALT PN AN365-832)	10	AB
- 15	5119623	DOOR ASSY, STA 177 (ALT PN 5142634)	1	AB
	5142634	DOOR ASSY, WOOD STA 177	1	AB
- 16	MS20392-2C95	PIN, (ALT PN AN393-95)	1	AB
- 17	MS20392-2C65	PIN, (ALT PN AN393-65)	1	AB
- 18	1140137	SPRING, DOOR	1	AB
- 19	5119623-12	HINGE, DOOR HALF (MAKE FROM S131713-1)	2	AB
	5142634-22	HINGE, WOOD DOOR HALF (MAKE FROM S131713-1)	2	AB
		(ATTACHING PARTS)		
- 20	MS35190-254	SCREW, (ALT PN S1027302-8-10) (USED ON 5119623-12)	6	AB
	MS21207-8-16	SCREW, (ALT PN S1114189Z8-16) (USED ON 5142634-22)	6	AB
- 21	6781	LOCKSKRU, (17875) (USED ON 5119623-12)	6	AB
- 22	5119623-14	HINGE, DOOR HALF (MAKE FROM S131713-2)	2	AB
	5142634-20	HINGE, WOOD DOOR HALF (MAKE FROM S131713-2)	2	AB
- 23	UD47	LATCH ASSY, (80477) (USED ON 5119623)	1	AB
		(ATTACHING PARTS)		
- 24	S1049017-8-8	SCREW, SPECIAL INTERIOR FINISH RECESSED HEAD	4	AB
- 25	MS21044N08	NUT, (ALT PN AN365-832)	4	AB
- 26	14432	LATCH ASSY, (99536) (USED ON 5142634)	1	AB
- 27	5119623-30	STRIP, DOOR (MAKE FROM S1000822N428)	1	AB
	5142634-24	STRIP, WOOD DOOR (MAKE FROM S1000822-416)	1	AB
- 28	5119623-28	STRIP, DOOR (MAKE FROM S1000822N4920)	1	AB
	5142634-12	STRIP, WOOD DOOR (MAKE FROM S1000822-4916)	1	AB
- 29	5119623-18	SEAL, DOOR (MAKE FROM S1059615-1114)	1	AB
	5142634-14	SEAL, WOOD DOOR (MAKE FROM S1059615-1110)	1	AB
- 30	5119623-20	SEAL, DOOR (MAKE FROM S1059615-4328)	1	AB
	5142634-16	SEAL, WOOD DOOR (MAKE FROM S1059615-4324)	1	AB
- 31	5119623-22	SEAL, DOOR (MAKE FROM S1059615-1014)	1	AB
	5142634-18	SEAL, WOOD DOOR (MAKE FROM S1059615-1014)	1	AB

A 026 THRU 056, 149 THRU 177, 210 THRU 541 AND 555 THRU 558
B 001 THRU 025, 057 THRU 148 AND 178 THRU 209

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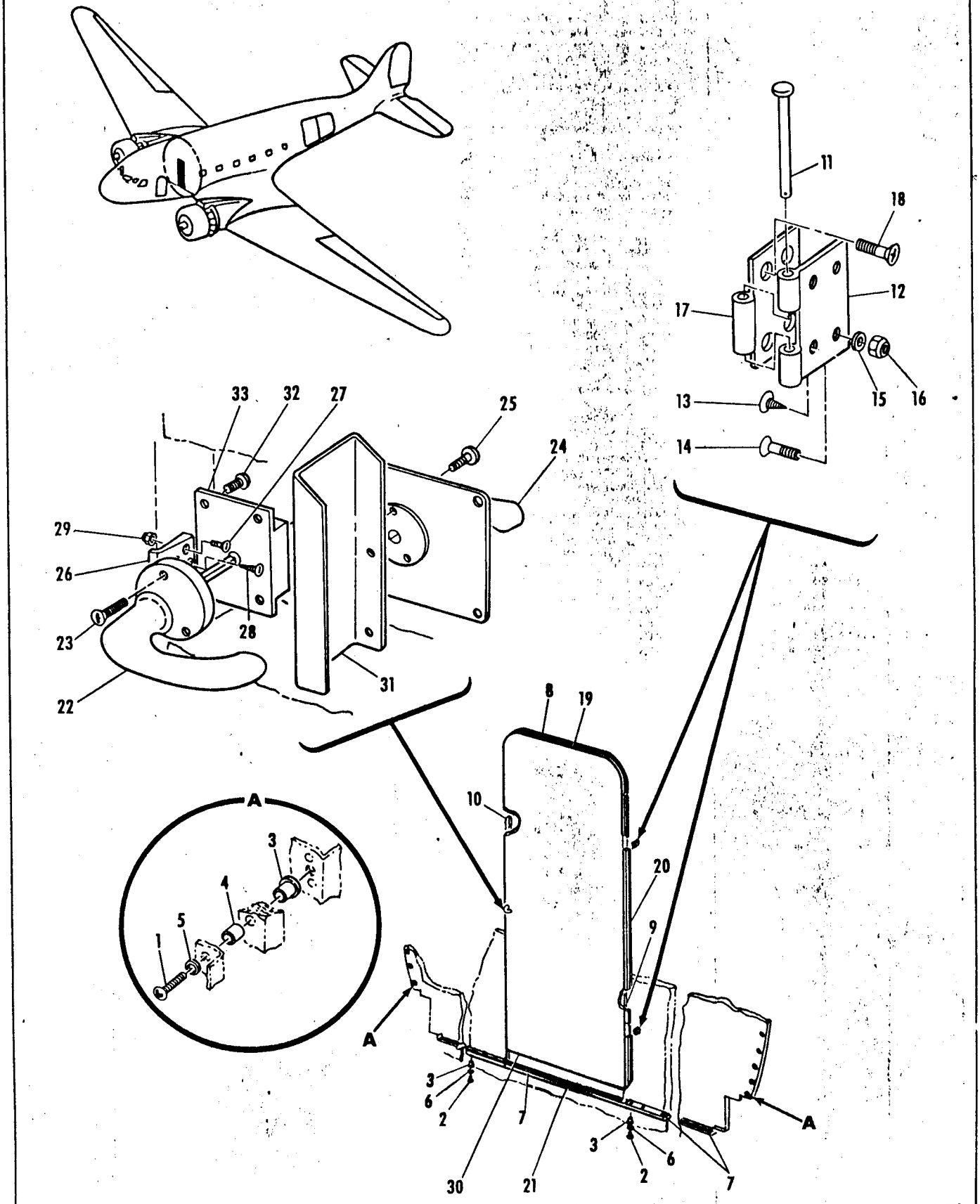
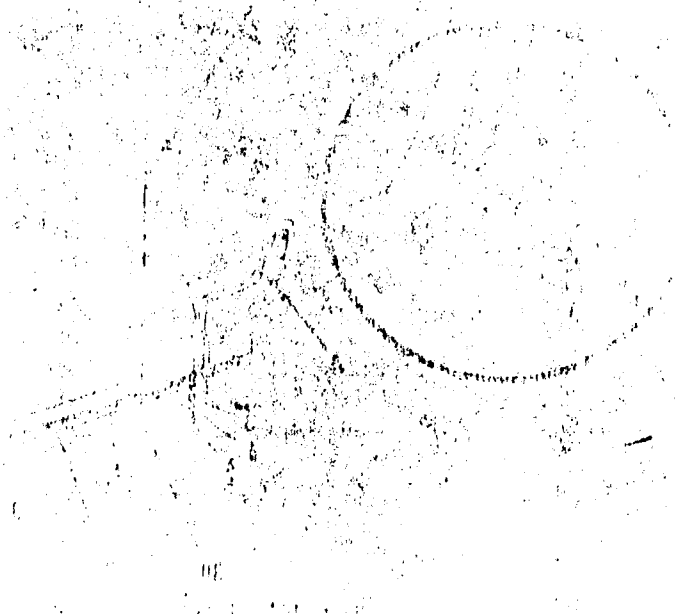


Figure 18A. Fuselage Bulkhead (Station 177)

V4-73

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
18A	5188765	BULKHEAD INSTL, FUSELAGE STA 177 (SEE FIG. 16 FOR NHA)	REF	A
- 1	MS35206-251	SCREW, (ALT PN AN515-8R24)	36	A
- 2	S2656012-8-16	SCREW, RECESSED ROUND HEAD SHEET METAL (ALT PN S1114190A8-16)	12	A
- 3	S1007638-1	BUSHING, INSULATION	84	A
- 4	5188765-18	BUSHING, FUSELAGE BULKHEAD	1	A
- 5	AN960-8L	WASHER	36	A
- 6	AN960-3L	WASHER	12	A
- 7	5188765-2	STRIP, FUSELAGE BULKHEAD	2	A
- 8	5188765-8	STRIP, FUSELAGE BULKHEAD TRIM	1	A
- 9	5188765-6	STRIP, FUSELAGE BULKHEAD TRIM	2	A
- 10	5188765-12	STRIP, FUSELAGE BULKHEAD (MAKE FROM S1017602-5020)	1	A
	5188772	DOOR ASSY, FORWARD CABIN	1	A
- 11	MS20392-2C65	PIN, (ALT PN AN393-65)	2	A
- 12	1188822-2	HINGE, FORWARD CABIN DOOR FEMALE HALF (MAKE FROM S140847-2-00)	2	A
		(ATTACHING PARTS)		
- 13	AN507-832R8	SCREW, (ALT PN S1087510-8-8)	4	A
- 14	S2656010-8-6	SCREW, 100 DEGREE RECESSED FLAT HEAD SHEET METAL (ALT PN S1114189A8-6)	4	A
- 15	AN960-8	WASHER	4	A
- 16	MS21044N08	NUT, (ALT PN AN365-832)	4	A
		----*----		
- 17	1188822-4	HINGE, FORWARD CABIN DOOR MALE HALF (MAKE FROM S140847-2-00)	2	A
		(ATTACHING PARTS)		
- 18	AN507-832R8	SCREW, (ALT PN S1087510-8-8)	8	A
		----*----		
- 19	5188772-48	TUBE, FORWARD CABIN DOOR (MAKE FROM S1080930-02C)	1	A
- 20	5188772-72	STRIP, FORWARD CABIN DOOR	1	A
- 21	5188772-84	TUBE, FORWARD CABIN DOOR	1	A
- 22	R26B	HANDLE ASSY, (80477)	1	A
		(ATTACHING PARTS)		
- 23	AN507R632-10	SCREW, (ALT PN S1087510-6-10)	3	A
		----*----		
- 24	R31-1A	HANDLE ASSY, (80477)	1	A
		(ATTACHING PARTS)		
- 25	AN507R632-6	SCREW, (ALT PN S1087510-6-6)	3	A
		----*----		
- 26	5188772-88	PLATE, FORWARD CABIN DOOR STRIKER	1	A
		(ATTACHING PARTS)		
- 27	AN507-832R7	SCREW, (ALT PN S1087510-8-7)	2	A
- 28	S2656010-8-6	SCREW, 100 DEGREE RECESSED FLAT HEAD SHEET METAL (ALT PN S1114189A8-6)	1	A
- 29	MS21044N08	NUT, (ALT PN AN365-832)	2	A
		----*----		
- 30	5188772-106	FRAME ASSY, FORWARD CABIN DOOR	1	A
- 31	5188772-104	LOCK MOUNT ASSY, FORWARD CABIN DOOR	1	A
	5188772-100	LOCK ASSY, FORWARD CABIN DOOR	1	A
		(ATTACHING PARTS)		
- 32	MS35206-230	SCREW, (ALT PN AN526-6-8)	4	A
		----*----		
- 33	R52-2A	LOCK ASSY, (80477)	1	A
		A 542 THRU 554		

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING



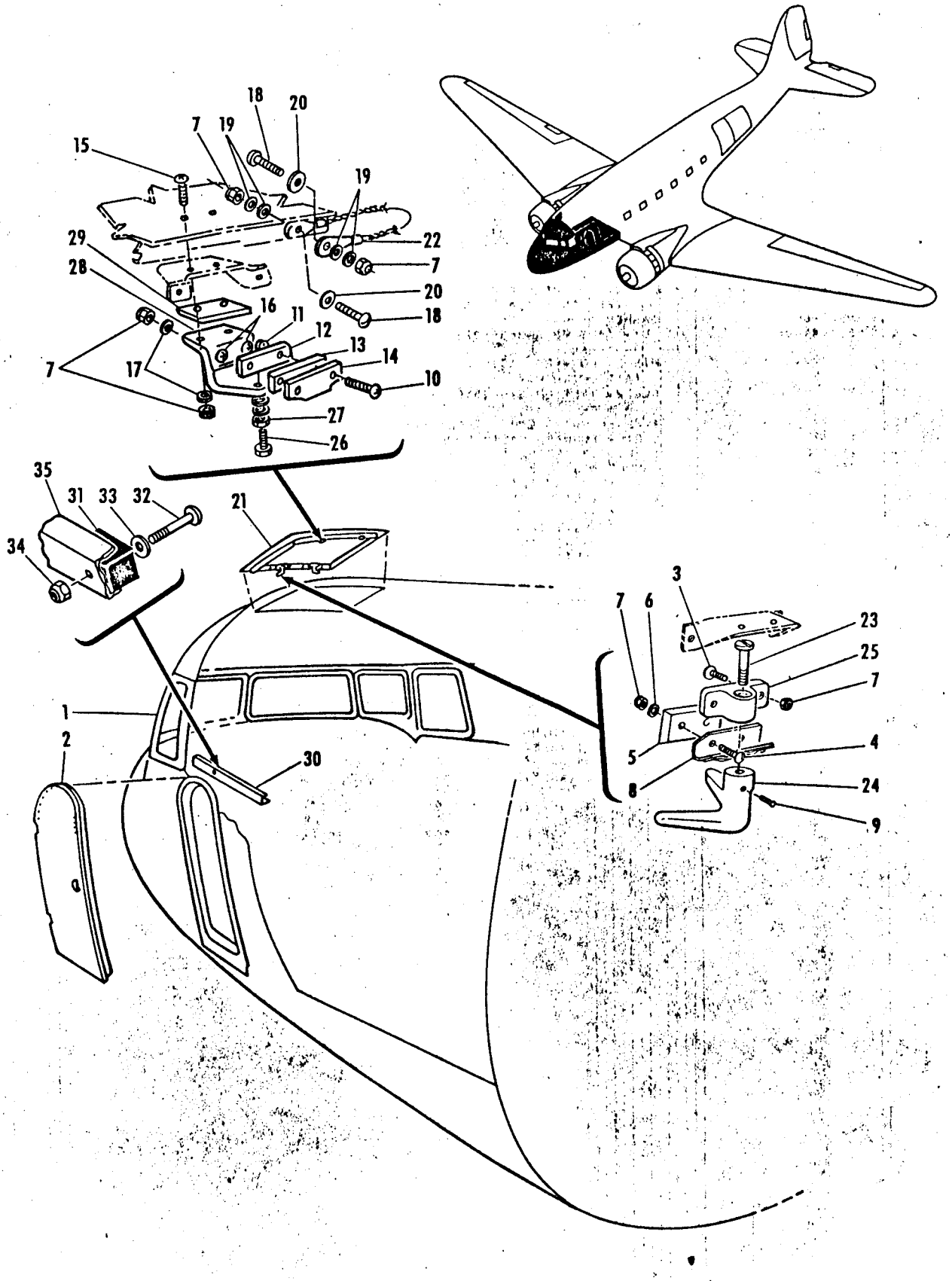


Figure 19. Fuselage Nose

V4-86

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
19	5110523	NOSE ASSY, FUSELAGE (SEE FIG. 16 FOR NHA)	REF	A
	5188616	NOSE ASSY, FUSELAGE (SEE FIG. 16 FOR NHA)	REF	B
- 1	5112869	FRAME ASSY, COCKPIT ENCLOSURE (SEE FIG. 20 FOR DETAILS)	1	A
	5188617	FRAME ASSY, COCKPIT ENCLOSURE (SEE FIG. 20 FOR DETAILS)	1	B
- 2	5115216	DOOR INSTL, CARGO LOADING (SEE FIG. 21 FOR DETAILS)	1	
	5117186	COVER INSTL, PILOT EMERGENCY HATCH	1	
- 3	MS35206-245	SCREW, (ALT PN S124630-8-8)	4	
- 4	MS35206-248	SCREW, (ALT PN S124630-8-14)	4	
- 5	5117186-30	SPACER, PILOT EMERGENCY HATCH COVER	2	
- 6	AN960D8	WASHER	4	
- 7	MS21044D08	NUT, (ALT PN AN365D832)	18	
- 8	2203291	CATCH ASSY, PILOT EMERGENCY HATCH LH	1	
	2203291-1	CATCH ASSY, PILOT EMERGENCY HATCH RH	1	
- 9	NO NUMBER	SCREW, NO. 10-32 X 3/16 IN. SLOTTED HEADLESS SET (18702)	2	
- 10	MS35207-265	SCREW, (ALT PN AN520-10-12)	4	
- 11	MS21044D3	NUT, (ALT PN AN365D1032)	4	
- 12	1117421	STOP, PILOT HATCH (MAKE FROM S132394)	2	
- 13	5117186-16	FILLER, PILOT EMERGENCY HATCH COVER	2	
- 14	1117420	PLATE, PILOT HATCH STOP GUARD	2	
- 15	MS35206-247	SCREW, (ALT PN AN526-832-12)	4	
- 16	MS35206-246	SCREW, (ALT PN AN515-8-10)	4	
- 17	AN960D8	WASHER	8	
- 18	MS35206-247	SCREW, (ALT PN AN515-8-12)	2	
- 19	AN960-8	WASHER	4	
- 20	AN960-10	WASHER	2	
- 21	5006059-8	HATCH ASSY, PILOT EMERGENCY (5117186-28)	1	
- 22		CABLE ASSY, SWAGED TYPE 1/8 IN. DIAMETER (PART NUMBER S207-4408-8-8-0716)	1	
- 23	1117487	BOLT, HATCH LATCH	2	
- 24	S131878	LATCH, PILOT HATCH LH	1	
	S131878-1	LATCH, PILOT HATCH RH	1	
- 25	1117426	BASE, PILOT HATCH LATCH (MAKE FROM S1006211)	2	
- 26	S110242-3-6H	BOLT, SPECIAL FULL THREADED	2	
	AN960D10	WASHER	6	
- 27	AN345-10	NUT	2	
- 28	2117427	FASTENER, PILOT HATCH LH (MAKE FROM S132008)	1	
	2117427-1	FASTENER, PILOT HATCH RH (MAKE FROM S132008-1)	1	
- 29	5117186-20	PLATE, PILOT EMERGENCY HATCH FILLER	2	
	5110524	FRAME ASSY, FUSELAGE NOSE	1	A
	5188797	FRAME ASSY, FUSELAGE NOSE	1	B
- 30	2113138-1	CHANNEL ASSY, WINDSHIELD ATTACH LOWER LH	1	
	2113138	CHANNEL ASSY, WINDSHIELD ATTACH LOWER RH	1	
- 31	2113138-4	STOP, WINDSHIELD ATTACH LOWER CHANNEL	1	
		(ATTACHING PARTS)		
- 32	MS35206-250	SCREW, (ALT PN AN526-8-20)	1	
- 33	AN960-8	WASHER, (ALT PN AN940-8)	1	
- 34	MS21044N08	NUT, (ALT PN AN365-832)	1	
- 35	2113138-3	CHANNEL, WINDSHIELD ATTACH LOWER LH	1	
	2113138-2	CHANNEL, WINDSHIELD ATTACH LOWER RH	1	
	5110525	PLATING INSTL, NOSE (SEE FIG. 19A FOR DETAILS)	1	A
	5189154	PLATING INSTL, NOSE (SEE FIG. 19A FOR DETAILS)	1	B
		A 001 THRU 541 AND 555 THRU 558		
		B 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

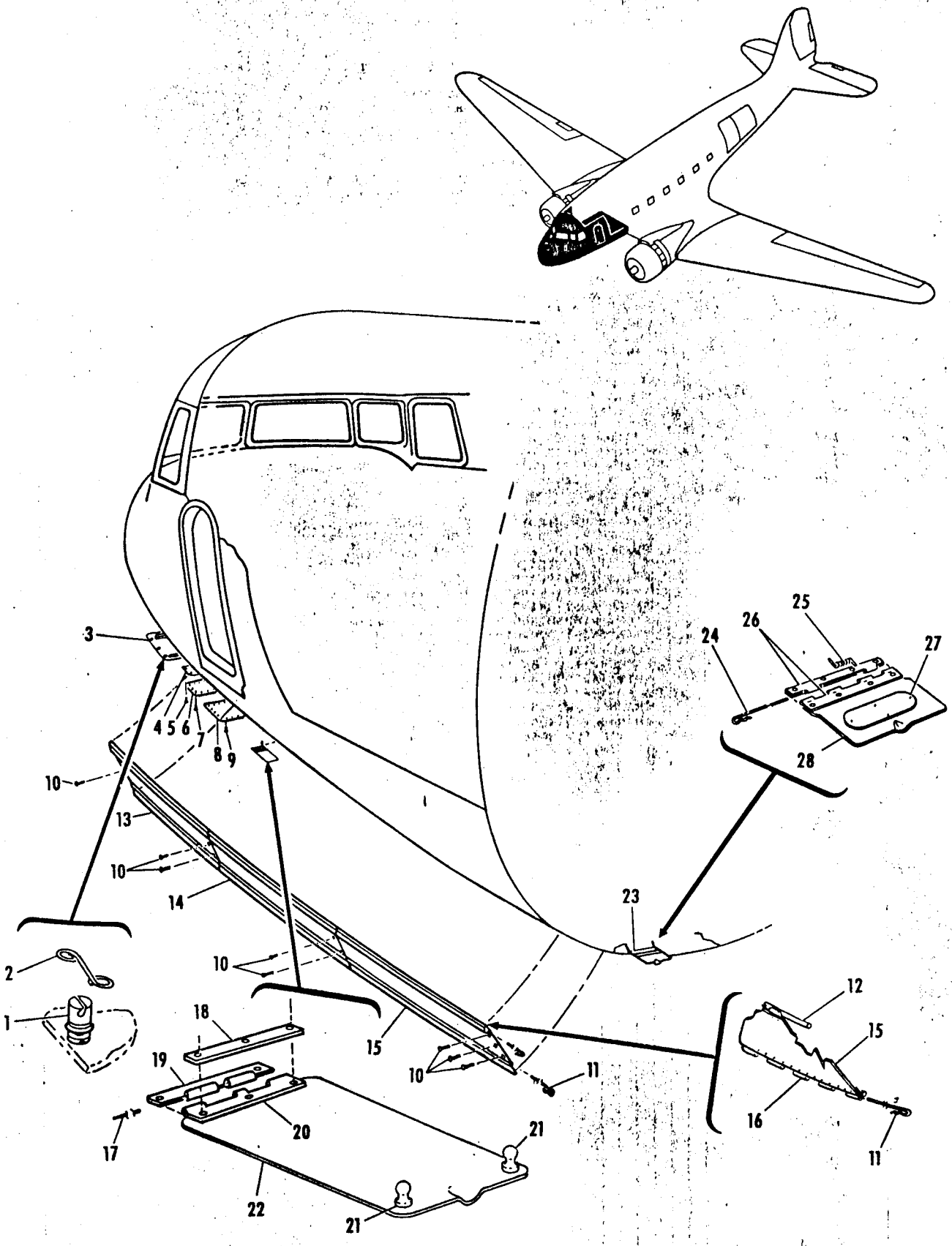


Figure 19A. Nose Plating

V4-98

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
19A	5110525	PLATING INSTL, NOSE (SEE FIG. 19 FOR NHA)	REF	A
	5189154	PLATING INSTL, NOSE (SEE FIG. 19 FOR NHA)	REF	B
	5115789	DOOR INSTL, FUSELAGE INSPECTION STA 20 TO 40	1	
- 1	A30	FASTENER, (72794)	6	
- 2	S5A250	SPRING, (72794) (ALT PN 100A (72794))	6	
- 3	5115789-2	DOOR ASSY, FUSELAGE INSPECTION	1	
	2113489	COVER INSTL, FUSELAGE HANDHOLE STA 40 TO 49	1	
- 4	2113489-4	COVER, FUSELAGE HANDHOLE	1	
		(ATTACHING PARTS)		
- 5	MS35206-243	SCREW, (ALT PN AN526-832-6)	4	
	5113319	DOOR INSTL, FUSELAGE ACCESS STA 49 TO 58	1	
- 6	5113319-2	DOOR, FUSELAGE ACCESS	1	
		(ATTACHING PARTS)		
- 7	MS35206-245	SCREW, (ALT PN AN526-8-8)	26	
	5113320	DOOR INSTL, FUSELAGE ACCESS STA 63 TO 77	1	
- 8	5113320-2	DOOR, FUSELAGE ACCESS	1	
		(ATTACHING PARTS)		
- 9	MS35206-245	SCREW, (ALT PN AN526-8-8)	30	
	5117893	COVER INSTL, FUSELAGE TUNNEL LH	1	
	5117893-1	COVER INSTL, FUSELAGE TUNNEL RH	1	
- 10	MS35206-243	SCREW, (ALT PN AN526-8-6)	24	
	MS35206-246	SCREW, (ALT PN AN526-8-10)	6	
	MS35206-245	SCREW, (ALT PN AN526-8-8) (RH ONLY)	6	
- 11	S1218735081-2228	PIN, SAFETY	24	
- 12	5117893-24	SEAL, FUSELAGE TUNNEL COVER (MAKE FROM S1000822N14208) (LH ONLY)	2	
- 13	5117893-2	DOOR ASSY, FUSELAGE TUNNEL COVER	1	
- 14	5117893-8	DOOR ASSY, FUSELAGE TUNNEL COVER LH	1	
	5117893-9	DOOR ASSY, FUSELAGE TUNNEL COVER RH	1	
- 15	5117893-12	DOOR ASSY, FUSELAGE TUNNEL COVER	1	
- 16	5117893-6	HINGE, FUSELAGE TUNNEL COVER DOOR (MAKE FROM S121874DC4800)	2	
	5117893-19	PLATE, FUSELAGE TUNNEL COVER BRIDGE	2	
	5117893-17	PLATE, FUSELAGE TUNNEL COVER BRIDGE	4	
	5117893-18	PLATE, FUSELAGE TUNNEL COVER BRIDGE	2	
	4115588	DOOR INSTL, FUSELAGE INSPECTION STA 103 (LH ONLY)	1	
- 17	S121873-091-228	PIN, SAFETY	1	
- 18	4115588-2	SPACER, FUSELAGE INSPECTION DOOR	1	
- 19	S121874AD304	HINGE, BLANK HOOD	1	
	4115588-10	DOOR ASSY, FUSELAGE INSPECTION	1	
- 20	S1218748D304	HINGE, BLANK HOOD	1	
- 21	S136713	KNOB, DOOR FASTENER	2	
- 22	4115588-6	DOOR, FUSELAGE INSPECTION	1	
	5140531	DOOR INSTL, BATTERY CART RECEPTACLE	1	
- 23	2140517	DOOR ASSY, BATTERY CART RECEPTACLE	1	
- 24	S121873-091-408	PIN, SAFETY	1	
- 25	S133509-4	SPRING, STANDARD HINGE	1	
- 26	2140517-6	HINGE, BATTERY CART RECEPTACLE DOOR (MAKE FROM S129787D412)	1	
- 27	2140517-4	INSULATOR, BATTERY CART RECEPTACLE DOOR	1	
- 28	2140517-2	DOOR, BATTERY CART RECEPTACLE	1	
		A 001 THRU 541 AND 555 THRU 558		
		B 542 THRU 554		

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

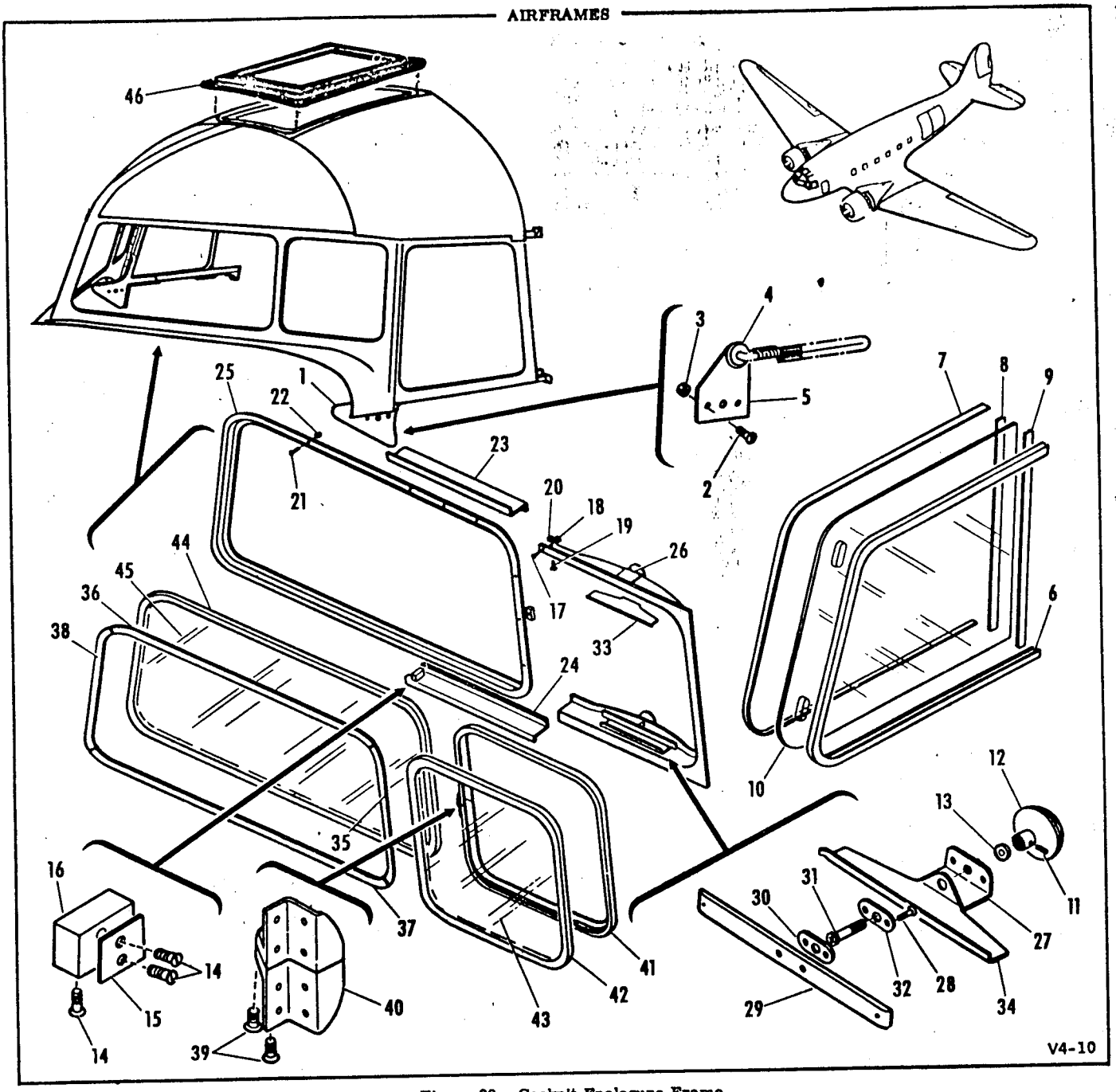


Figure 20. Cockpit Enclosure Frame

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	U/A	USE CODE
20	5112869	FRAME ASSY, COCKPIT ENCLOSURE (SEE FIG. 19 FOR NHA)	REF	A
	5188617	FRAME ASSY, COCKPIT ENCLOSURE (SEE FIG. 19 FOR NHA)	REF	B
- 1	2115407	FASTENER ASSY, WINDOW	2	
		(ATTACHING PARTS)		
- 2	MS35206-234	SCREW, (ALT PN AN515-6-16)	4	
- 3	MS21044D06	NUT, (ALT PN AN365D632)	4	
- 4	MS20230A2	GROMMET, (ALT PN AN230A2)	1	
- 5	2115407-10	PLATE, WINDOW FASTENER	1	
- 6	5112869-96	CHANNEL, COCKPIT ENCLOSURE FRAME WEATHER STRIP	2	A
	5188617-96	CHANNEL, COCKPIT ENCLOSURE FRAME WEATHER STRIP	2	B
- 7	5112869-104	STRIP, COCKPIT ENCLOSURE FRAME WEATHER	2	A
	5188617-104	STRIP, COCKPIT ENCLOSURE FRAME WEATHER	2	B
- 8	5112869-98	STRIP, COCKPIT ENCLOSURE FRAME WEATHER	2	A

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
	CONTINUED			
20				
	5188617-98	STRIP, COCKPIT ENCLOSURE FRAME WEATHER	2	B
- 9	5112869-100	STRIP, COCKPIT ENCLOSURE FRAME WEATHER	2	A
	5188617-100	STRIP, COCKPIT ENCLOSURE FRAME WEATHER	2	B
- 10	4115404	GLASS ASSY, SIDE WINDSHIELD LH	1	
	4115404-1	GLASS ASSY, SIDE WINDSHIELD RH	1	
	5117199	ENCLOSURE INSTL, COCKPIT FRONT WINDOW LH	1	
	5117199-1	ENCLOSURE INSTL, COCKPIT FRONT WINDOW RH	1	
- 11	AN385-60-3	PIN, TAPER PEEN END	2	
- 12	2117362	KNOB ASSY, WINDOW LOCK	2	
- 13	AN960A416	WASHER	AR	
- 14	AN507-632R4	SCREW	3	
- 15	5117199-17	STRIP, FRONT WINDOW GUIDE BLOCK	1	
- 16	5117199-22	BLOCK, COCKPIT ENCLOSURE FRONT WINDOW GUIDE LH	1	
	5117199-23	BLOCK, COCKPIT ENCLOSURE FRONT WINDOW GUIDE RH	1	
- 17	MS35206-243	SCREW, BINDER HEAD (ALT PN AN526-8-6)	4	
- 18	MS21044D08	NUT, (ALT PN AN365D832)	4	
- 19	AN507-632R5	SCREW	8	
- 20	MS21044D06	NUT, (ALT PN AN365D632)	8	
- 21	MS35206-245	SCREW, (ALT PN AN526-8-8)	31	
- 22	MS21044D08	NUT, (ALT PN AN365D832)	28	
- 23	5117199-6	GUIDE, COCKPIT ENCLOSURE FRONT WINDOW TOP LH	1	
	5117199-7	GUIDE, COCKPIT ENCLOSURE FRONT WINDOW TOP RH	1	
- 24	5117199-8	GUIDE, COCKPIT ENCLOSURE FRONT WINDOW BOTTOM LH	1	
	5117199-9	GUIDE, COCKPIT ENCLOSURE FRONT WINDOW BOTTOM RH	1	
	5117199-20	FRAME ASSY, COCKPIT ENCLOSURE FRONT WINDOW LH	1	
	5117199-21	FRAME ASSY, COCKPIT ENCLOSURE FRONT WINDOW RH	1	
- 25	5117199-24	RETAINER, COCKPIT ENCLOSURE FRONT WINDOW LH	1	
	5117199-25	RETAINER, COCKPIT ENCLOSURE FRONT WINDOW RH	1	
- 26	1117356	SUPPORT ASSY, WINDOW LOCK LH	1	
	1117356-1	SUPPORT ASSY, WINDOW LOCK RH	1	
- 27	1117356-1	SUPPORT ASSY, WINDOW LOCK RH (USED ON BOTTOM LH SIDE)	1	
	1117356	SUPPORT ASSY, WINDOW LOCK LH (USED ON BOTTOM RH SIDE)	1	
- 28	MS35190-234	SCREW, (ALT PN AN505-6-4)	4	
- 29	2117361	BAR, WINDOW LOCK	2	
- 30	1117358	PLATE, WINDOW LOCK BAR BOLT INNER ATTACH	2	
- 31	1117360	BOLT, WINDOW LOCK BAR	2	
- 32	1117357	PLATE, WINDOW LOCK BAR BOLT OUTER ATTACH	2	
- 33	1117359	PLATE, WINDOW PULL LH	1	
	1117359-1	PLATE, WINDOW PULL RH	1	
- 34	1117359-1	PLATE, WINDOW PULL RH (USED ON BOTTOM LH SIDE)	1	
	1117359	PLATE, WINDOW PULL LH (USED ON BOTTOM RH SIDE)	1	
- 35	5112869-106	STRIP, COCKPIT ENCLOSURE FRAME RUBBER	2	A
	5188617-106	STRIP, COCKPIT ENCLOSURE FRAME RUBBER	2	B
- 36	5112869-108	STRIP, COCKPIT ENCLOSURE FRAME RUBBER	2	A
	5188617-108	STRIP, COCKPIT ENCLOSURE FRAME RUBBER	2	B
- 37	5112869-110	STRIP, COCKPIT ENCLOSURE FRAME RUBBER	2	A
	5188617-110	STRIP, COCKPIT ENCLOSURE FRAME RUBBER	2	B
- 38	5112869-112	STRIP, COCKPIT ENCLOSURE FRAME RUBBER	2	A
	5188617-112	STRIP, COCKPIT ENCLOSURE FRAME RUBBER	2	B
	5115405	WINDOW ASSY, PILOT COCKPIT FRONT LH	1	A
	5188788	WINDOW ASSY, PILOT COCKPIT FRONT LH	1	B
	5115405-1	WINDOW ASSY, PILOT COCKPIT FRONT RH	1	A
	5188788-1	WINDOW ASSY, PILOT COCKPIT FRONT RH	1	B
- 39	MS35191-272	SCREW, (ALT PN AN510-10-8)	2	
- 40	2115411	SPLICE ASSY, PILOT COCKPIT FRONT WINDOW FRAME	1	
- 41	5115405-2	FRAME, PILOT COCKPIT FRONT WINDOW LH	1	A
	5188788-2	FRAME, PILOT COCKPIT FRONT WINDOW LH	1	B
	5115405-3	FRAME, PILOT COCKPIT FRONT WINDOW RH	1	A
	5188788-3	FRAME, PILOT COCKPIT FRONT WINDOW RH	1	B
- 42	2115410	MOLDING, COCKPIT ENCLOSURE FRONT SLIDING GLASS WATERTIGHT RUBBER	1	
- 43	2115412	GLASS, PILOT COCKPIT SLIDING WINDOW	1	A
	4188798	GLASS, BIRD RESISTANT WINDSHIELD SLIDING	1	B
- 44	2189535	RING, COCKPIT FRONT GLASS RETAINING	2	
- 45	4115409	GLASS, PILOT COCKPIT FRONT WINDOW	2	A
	4188787	GLASS, BIRD RESISTANT WINDSHIELD FRONT	2	B
- 46	5112869-50	STRIP, COCKPIT ENCLOSURE FRAME RUBBER	1	A
	5188617-50	STRIP, COCKPIT ENCLOSURE FRAME RUBBER	1	B

A 001 THRU 541 AND 555 THRU 558
B 542 THRU 554

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

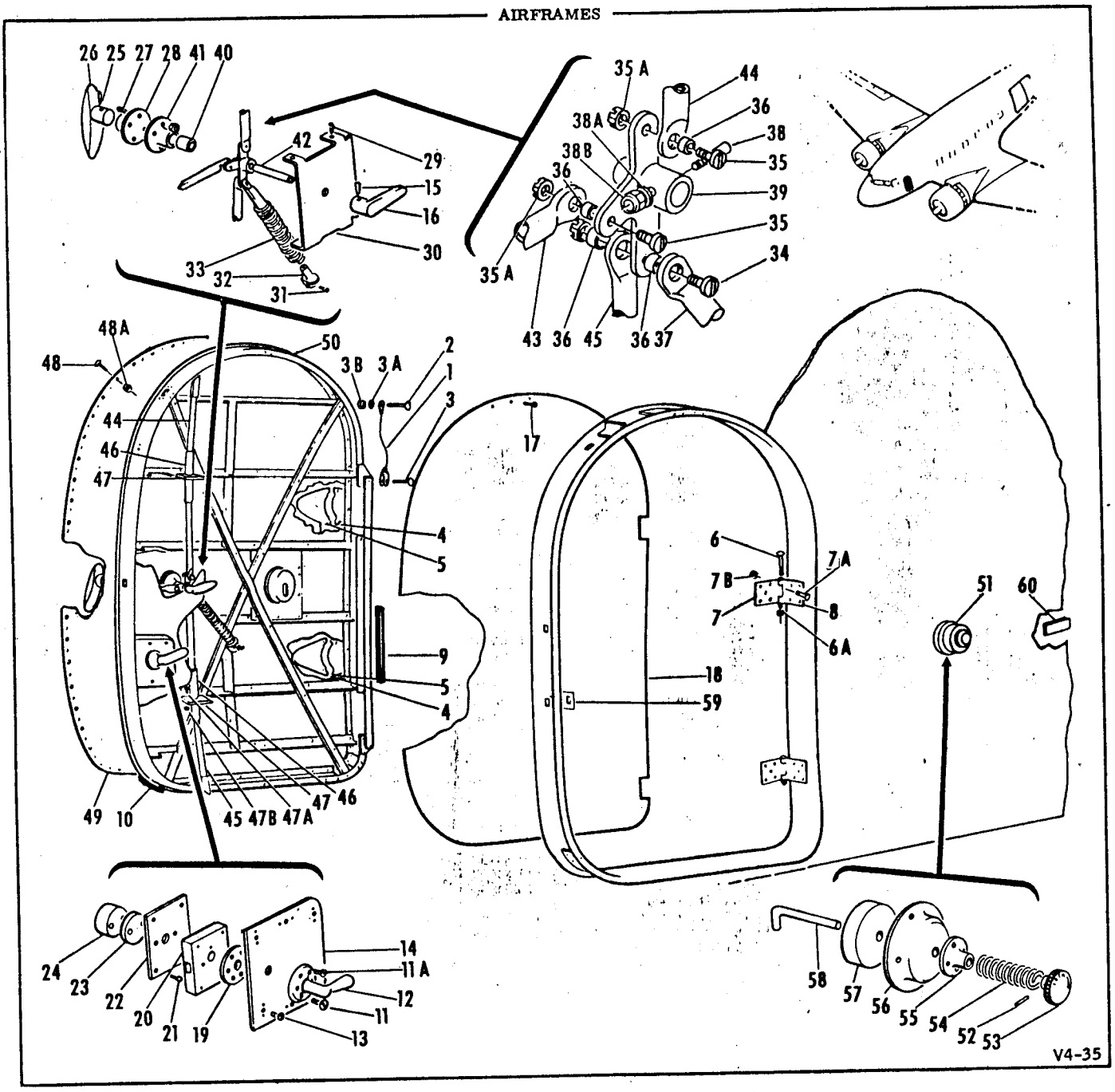


Figure 21. Cargo Loading Door

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
21	5115216	DOOR INSTL, CARGO LOADING (SPARE PARTS ASSY 1142386)	REF	
		(SEE FIG. 19 FOR NHA)		
- 1		CABLE ASSY, SWAGED TYPE 1/16 IN. DIAMETER	1	
		(PN SZ074406-9-8-1000)		
		(ATTACHING PARTS)		
- 2	MS35207-263	SCREW, (ALT PN AN520-10-8)	1	
- 3	MS35207-265	SCREW, (ALT PN AN520-10-12)	1	
- 3A	AN960-10	WASHER	3	
- 3B	MS21044N3	NUT, (ALT PN AN365-1032)	2	
			1	
	5115216-1	DOOR ASSY, CARGO LOADING	2	
- 4	2115975-1	FAIRING, CARGO LOADING DOOR	2	
- 5	2115975-2	FAIRING, CARGO LOADING DOOR	2	
- 6	AN23-38	BOLT	2	
- 6A	AN310-3	NUT		

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
	CONTINUED			
21				
- 7	5115216-35	HINGE ASSY, CARGO LOADING DOOR MALE HALF (MAKE FROM 2116012-1) (ATTACHING PARTS)	2	
- 7A	AN507-832R7	SCREW	10	
- 7B	MS21044D08	NUT, (ALT PN AN365D832)	10	
- 8	5115216-36	HINGE ASSY, CARGO DOOR FEMALE HALF (MAKE FROM 2116012-2)	2	
- 9	5115216-32	STRIP, CARGO LOADING DOOR	1	
- 10	5115216-43	STRIP, CARGO LOADING DOOR WEATHER (MAKE FROM S147412-7800)	1	
- 11	AN507-832R5	SCREW	3	
- 11A	AN507-832R5	SCREW, (ALT PN S1087510-8-5)	3	
- 12	R31-2	HANDLE ASSY, LEVER (80477)	1	
- 13	MS27039-0807	SCREW, (ALT PN S1029657P8-7)	6	
- 14	5115216-48	PLATE, CARGO LOADING DOOR	1	
- 15	AN385-20-6	PIN	1	
- 16	1115967	HANDLE, CARGO LOADING DOOR INSIDE (MAKE FROM S139231)	1	
- 17	MS24621-17	SCREW, (ALT PN AN530-6-6)	50	
- 18	5115216-49	SHEET, CARGO LOADING DOOR	1	
- 19	5115216-51	PLATE, CARGO LOADING DOOR	1	
- 20	R52-2	LATCH ASSY, (80477)	1	
- 21	AN507-832R8	SCREW	4	
- 22	5115216-53	PLATE, CARGO LOADING DOOR	1	
- 23	5115216-54	SPACER, CARGO LOADING DOOR	1	
- 24	R10	CYLINDER ASSY, LOCK (80477)	1	
- 25	AN385-20-6	PIN	1	
- 26	S139114	HANDLE, CARGO LOADING DOOR OUTSIDE	1	
- 27	AN509-8R10	SCREW, (ALT PN S1029421-8-10)	4	
- 28	1115959	BEARING, CARGO DOOR HANDLE OUTSIDE	1	
- 29	MS27039-0807	SCREW, (ALT PN S1029679P8-7)	4	
- 30	2115974	CHANNEL, CARGO LOADING DOOR LATCH SUPPORT (DRILL ON INSTL)	1	
- 31	AN23-8	BOLT	1	
- 32	1115961	ANGLE ASSY, CARGO LOADING DOOR LOCK SPRING	1	
- 33	1115965	SPRING, CARGO LOADING DOOR LOCK	1	
- 34	AN23-13	BOLT	1	
- 35	AN23-10	BOLT	2	
- 35A	AN320-3	NUT	3	
- 36	S116500-3B005	BUSHING	4	
- 37	1115966	TUBE ASSY, CARGO LOADING DOOR SPRING	1	
- 38	S124604-10-8	PIN, SPECIAL THREADED TAPER	1	
- 38A	AN960-8	WASHER	1	
- 38B	MS21044N06	NUT, (ALT PN AN365-632)	1	
- 39	1115960	CAM, CARGO LOADING DOOR LOCK (DRILL ON INSTL)	1	
	1115968	BEARING ASSY, CARGO LOADING DOOR LOCK INSIDE	1	
- 40	S116500-8B027	BUSHING, CARGO LOADING DOOR LOCK BEARING INSIDE	1	
- 41	1115968-2	BEARING, CARGO LOADING DOOR LOCK INSIDE	1	
- 42	1115964	SHAFT, CARGO LOADING DOOR LOCK (DRILL ON INSTL)	1	
- 43	1115963	WEDGE, CARGO LOADING DOOR LOCK CENTER	1	
- 44	2115972	TUBE ASSY, CARGO LOADING DOOR LOCK UPPER	1	
- 45	2115971	TUBE ASSY, CARGO LOADING DOOR LOCK LOWER	1	
- 46	5115216-44	TUBE, CARGO LOADING DOOR	2	
- 47	1115969	GUIDE, CARGO LOADING DOOR ROD (ATTACHING PARTS)	2	
- 47A	S1026301-6-10	SCREW, RECESSED ROUND HEAD COARSE THREAD	4	
- 47B	MS21045D06	NUT, (ALT PN AN365D6-32)	4	
- 48	MS35207-245	SCREW, (ALT PN AN526-832-8)	43	
- 48A	MS21044D08	NUT, (ALT PN AN365D832)	43	
- 49	5115216-50	PLATE, CARGO LOADING DOOR	1	
- 50	5115216-38	DOOR ASSY, CARGO LOADING	1	
- 51	2115973	CATCH ASSY, CARGO LOADING DOOR	1	
- 52	2115973-2	PIN, CARGO LOADING DOOR CATCH	1	
- 53	1116107	KNOB, CARGO LOADING DOOR CATCH	1	
- 54	1116106	SPRING, CARGO LOADING DOOR CATCH	1	
- 55	1116105	BEARING, CARGO LOADING DOOR CATCH (DRILL ON INSTL)	1	
- 56	1115970	CUP, CARGO LOADING DOOR CATCH (DRILL ON INSTL)	1	
- 57	1116109	WASHER, CARGO LOADING DOOR CATCH	1	
- 58	1116108	SHAFT, CARGO LOADING DOOR CATCH	1	
- 59	5115216-52	PLATE, CARGO LOADING DOOR STRIKER	1	
- 60	1130245	BUMPER, FORWARD CARGO DOOR HANDLE	1	

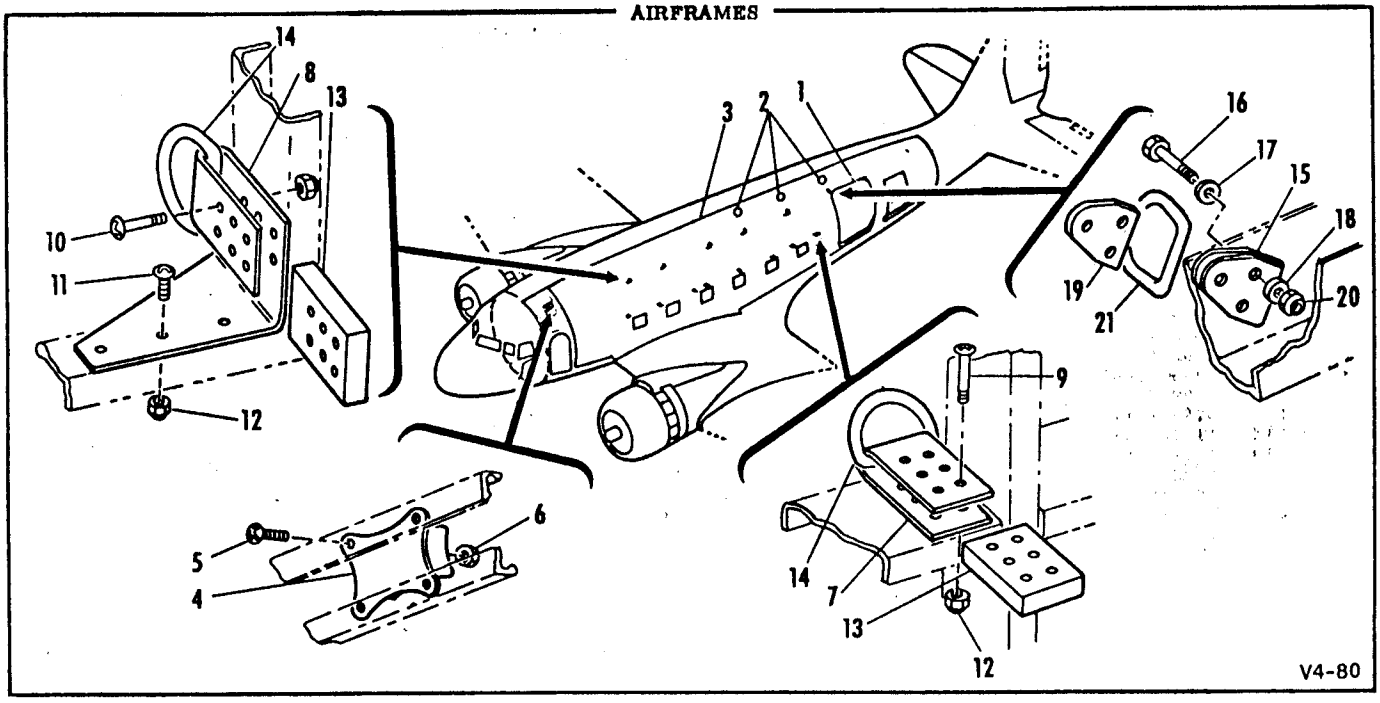


Figure 22. Center LH Side Fuselage

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
22	5139762	FUSELAGE ASSY, CENTER LH SIDE (SEE FIG. 16 FOR NHA)	REF	A
	5142186	FUSELAGE ASSY, CENTER LH SIDE BOLTED (SEE FIG. 16 FOR NHA)	REF	B
- 1	5139460	DOOR INSTL, MAIN CARGO (SEE FIG. 26 FOR DETAILS)	1	C
	5142704	DOOR INSTL, MAIN CARGO OFFSET HINGE (SEE FIG. 26 FOR DETAILS)	1	D
	5139759	PLATE INSTL, FUSELAGE CENTER LH SIDE	1	A
	5142187	PLATE INSTL, FUSELAGE CENTER LH SIDE BOLTED	1	B
- 2	2202755	FLANGE ASSY, CIRCULAR FORMATION MOUNTING (MAKE FROM AN872-1)	3	
- 3	5139189	FRAME ASSY, FUSELAGE CENTER LH SIDE	1	A
	5142188	FRAME ASSY, FUSELAGE CENTER LH SIDE BOLTED	1	B
	5141543	PISTOL INSTL, PYROTECHNIC	1	AB
- 4	M1	MOUNT ASSY, (GFAE)	1	AB
		(ATTACHING PARTS)		
- 5	AN526-10R10	SCREW, (ALT PN AN526-10-10)	4	AB
- 6	MS21044N3	NUT, (ALT PN AN365D1032)	4	AB

- 7	2203751	BRACKET, CENTER CARGO TIEDOWN RING	8	AB
- 8	4203752	BRACKET, UPPER CARGO TIEDOWN RING LH	5	AB
		(ATTACHING PARTS)		
- 9	AN520-10R18	SCREW, (USED ON 2203751)	48	AB
- 10	MS35207-267	SCREW, (ALT PN AN520-10-16) (USED ON 4203752)	30	AB
- 11	MS35207-263	SCREW, (ALT PN AN520-10-8) (USED ON 4203752)	15	AB
- 12	MS21044D3	NUT, (ALT PN AN365D1032)	93	AB

- 13	1203920	SPACER, UPPER CARGO TIEDOWN RING	13	AB
- 14	3250-1-3/4	RING, DEE (76786)	13	AB
	5139274	JAMB INSTL, MAIN CARGO DOOR	1	AB
- 15	1142868	STRAP, JUMP MASTER PARACHUTE STATIC LINE ANCHOR	1	AB
		(ATTACHING PARTS)		
- 16	AN3-10A	BOLT	3	AB
- 17	AN960-10	WASHER	3	AB
- 18	AN955-3	WASHER	3	AB
- 19	1142881	SPACER, JUMP MASTER PARACHUTE STATIC LINE ANCHOR	1	AB
- 20	MS21044N3	NUT, (ALT PN AN365-1032)	3	AB

- 21	1142867	RING, JUMP MASTER PARACHUTE STATIC LINE	1	AB
		A 001 THRU 006, 026 THRU 056, 149 THRU 177, 210 THRU 541 AND 555 THRU 558		
		B 007 THRU 025, 057 THRU 148 AND 178 THRU 209		
		C 001 THRU 006, 026 THRU 031 AND 558		
		D 007 THRU 025, 032 THRU 541 AND 555 THRU 557		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

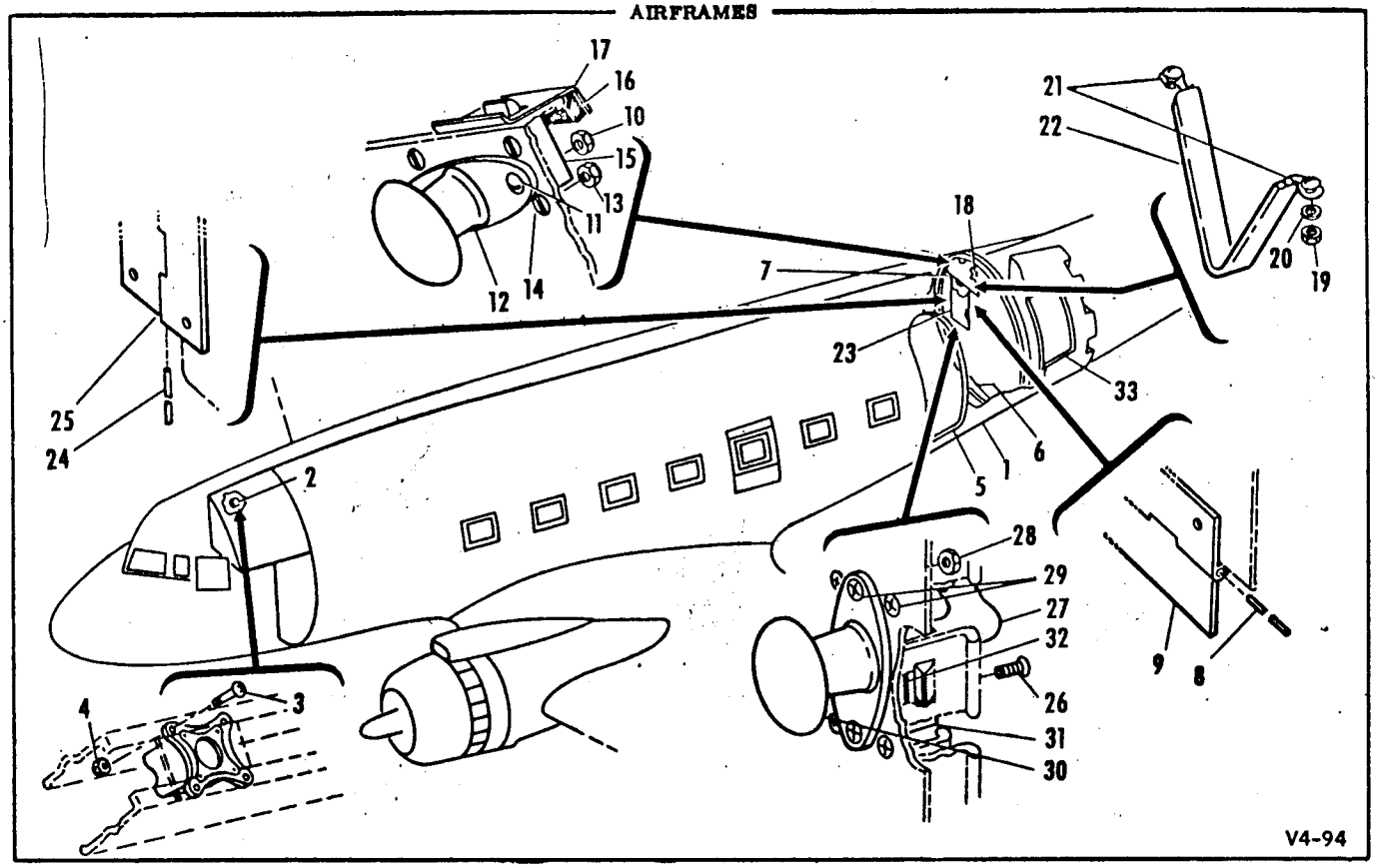


Figure 23. Center LH Side Fuselage

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION (1 2 3 4 5 6 7)	U/A	USE CODE
23	5188186	FUSELAGE ASSY, CENTER LH SIDE (SEE FIG. 16 FOR NHA)	REF	A
- 1	5188167	FRAME ASSY, FUSELAGE CENTER LH	1	A
	5141543	PISTOL INSTL, PYROTECHNIC	1	A
- 2	M1	MOUNT ASSY, (GFAE)	1	A
		(ATTACHING PARTS)		
- 3	MS35207-264	SCREW, (ALT PN AN526-10-10)	4	A
- 4	MS21044D3	NUT, (ALT PN AN365D1032)	4	A
- 5	5148767-502	DOOR INSTL, MAIN CABIN (SEE FIG. 24 FOR DETAILS)	1	A
- 6	5160862	FRAME ASSY, FUSELAGE STA 538	1	A
- 7	5160587	DOOR ASSY, LAVATORY TO BAGGAGE COMPARTMENT STA 538	1	A
- 8	S121873-081-1928	PIN, SAFETY	1	A
- 9	5160587-20	HINGE ASSY, DOOR (MAKE FROM S121874D2020)	1	A
- 10	MS21044N06	NUT, (ALT PN AN365-632)	2	A
- 11	NAS388-6-8	SCREW, (ALT PN S1027305-6-8)	2	A
- 12	AR88-6-38	KNOB, DOOR (80477) (ALT PN R21-1B (77817))	1	A
- 13	MS21044N06	NUT, (ALT PN AN365-632)	4	A
- 14	AN507-632R7	SCREW, (ALT PN S1087510-6-7)	4	A
- 15	AR17B2TY1	LATCH ASSY, DOOR (80477) (ALT PN R53-1A (77817))	1	A
- 16	5160862-94	SEAL, LAVATORY TO BAGGAGE COMPARTMENT DOOR	1	A
- 17	1007446	PLATE, BAGGAGE COMPARTMENT AUXILIARY SHELF DOOR STRIKE	1	A
- 18	5160862-100	SEAL, LAVATORY TO BAGGAGE COMPARTMENT DOOR	1	A
- 19	MS21044N08	NUT, (ALT PN AN365-832)	2	A
- 20	AN960D8	WASHER	2	A
- 21	AC15D8-8	SCREW	2	A
- 22	1004898	STOP ASSY, BAGGAGE COMPARTMENT DOOR	1	A
- 23	5160851	DOOR ASSY, REAR BAGGAGE COMPARTMENT STA 538	1	A
- 24	S121873-081-3516	PIN, SAFETY	1	A
- 25	5160851-6	HINGE ASSY, DOOR (MAKE FROM S129900D3520)	1	A
- 26	AN505DD6-7	SCREW	3	A
- 27	31-1A	HANDLE, LEVER (80477) (ALT PN R31-1B (77817))	1	A
- 28	MS21044D06	NUT, (ALT PN AN365D632)	6	A
- 29	AN505DD6-7	SCREW	6	A
- 30	AR88-6-38	KNOB, OVAL (80477) (ALT PN R21-1B (77817))	1	A
- 31	AR17-2TY1	LATCH ASSY, DOOR (80477) (ALT PN R53-1B (77817))	1	A
- 32	5160862-106	PLATE, REAR BAGGAGE COMPARTMENT DOOR LATCH	1	A
- 33	5188393	FRAME INSTL, REAR BAGGAGE COMPARTMENT DOOR	1	A
		(SEE FIG. 25 FOR DETAILS)		
		A 542 THRU 554		

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

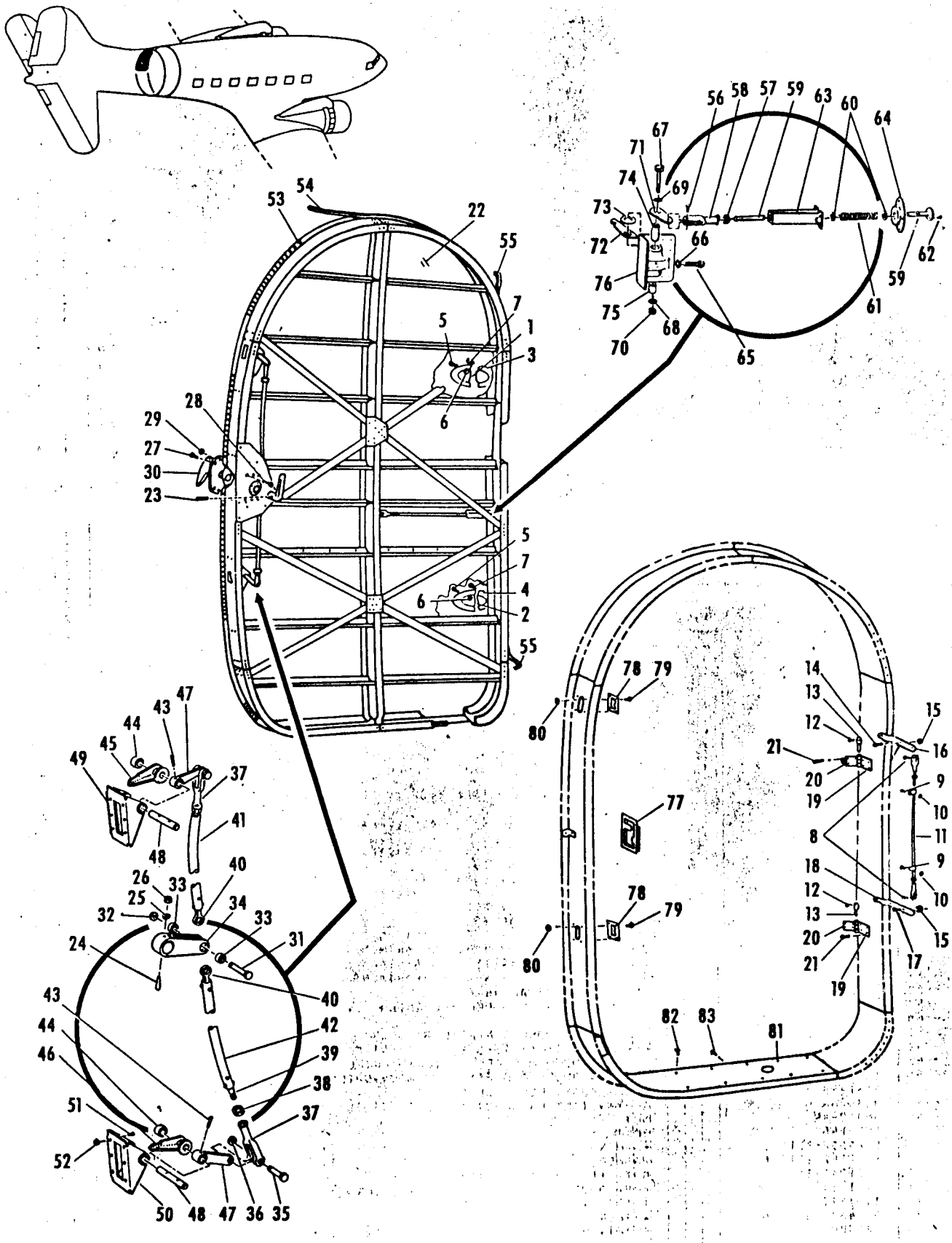


Figure 24. Main Cabin Door

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FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
24	5148767-502	DOOR INSTL, MAIN CABIN (SEE FIG. 23 FOR NHA)	REF	A
- 1	4024091-4	FAIRING, MAIN CABIN DOOR HINGE TOP AFT LH	1	A
- 2	4024091-2	FAIRING, MAIN CABIN DOOR HINGE BOTTOM AFT LH	1	A
- 3	4024091-3	FAIRING, MAIN CABIN DOOR HINGE TOP FORWARD RH	1	A
- 4	4024091-1	FAIRING, MAIN CABIN DOOR HINGE BOTTOM FORWARD RH	1	A
		(ATTACHING PARTS)		
- 5	MS35206-228	SCREW, (ALT PN S124630-6-6)	12	A
- 6	MS21044D06	NUT, (ALT PN AN365D632)	12	A
- 7	COML	SCREW, BINDER HEAD SHEET METAL 6 X 3/8 IN. LONG	8	A
	5148184	PIN AND HINGE INSTL, MAIN DOOR EMERGENCY RELEASE	1	A
- 8	MS20392-2C9	PIN, (ALT PN AN393-9)	2	A
- 9	MS35206-243	SCREW, (ALT PN AN526-832R6)	2	A
- 10	MS21044D08	NUT, (ALT PN AN365D832)	2	A
- 11	1132259	CABLE ASSY, HINGE PIN EMERGENCY RELEASE	1	A
- 12	MS20392-2C13	PIN, (ALT PN AN393-13)	2	A
- 13	1009322	PIN, LOWER DOOR HINGE	2	A
- 14	AN24-11A	BOLT	1	A
- 15	MS21044N4	NUT, (ALT PN AN365D428)	1	A
- 16	1132191	LEVER, HINGE PIN EMERGENCY RELEASE LH	1	A
- 17	1009325	SCREW, HINGE PIN RELEASE LEVER	1	A
- 18	1018397	LEVER ASSY, HINGE PIN RELEASE LH	1	A
- 19	2073111	HINGE, FUSELAGE HALF MAIN CABIN DOOR (MAKE FROM S2073109)	2	A
- 20	2073110	HINGE, DOOR HALF MAIN CABIN DOOR (MAKE FROM S2073109)	2	A
		(ATTACHING PARTS)		
- 21	AN507-832R10	SCREW	16	A
- 22	5148185	DOOR ASSY, MAIN CABIN	1	A
- 23	AN385-1-8	PIN	2	A
- 24	1231929-9	PIN, SPECIAL THREADED TAPER	1	A
- 25	AN960-8	WASHER	1	A
- 26	MS21083N08	NUT, (ALT PN AN364-832)	1	A
- 27	AN507-832R8	SCREW	6	A
- 28	AN507-832R12	SCREW	6	A
- 29	MS21044N08	NUT, (ALT PN AN365-832)	12	A
- 30	UD60A	LOCK ASSY, DOOR (80477)	1	A
- 31	MS20392-2C23	PIN, (ALT PN AN393-23)	1	A
- 32	AN960C10L	WASHER	1	A
	1240161	CRANK ASSY, MAIN CABIN DOOR LOCK (DRILL ON INSTL)	1	A
- 33	NAS75-3-005	BUSHING	2	A
- 34	1240161-2	CRANK, MAIN CABIN DOOR LOCK	1	A
- 35	MS20392-2C13	PIN, (ALT PN AN393-13)	2	A
- 36	AN960C10L	WASHER	2	A
	2240162	ROD ASSY, MAIN CABIN DOOR UPPER	1	A
	2240163	ROD ASSY, MAIN CABIN DOOR LOWER	1	A
- 37	MS27975-4	CLEVIS, (ALT PN AN486-4)	1	A
- 38	AN316-4R	NUT	1	A
- 39	1248930	END, MAIN CABIN DOOR LOCK ROD THREADED	1	A
- 40	1240834	END, MAIN CABIN DOOR LOCK ROD	1	A
- 41	2240162-2	ROD, MAIN CABIN DOOR UPPER	1	A
- 42	2240163-3	ROD, MAIN CABIN DOOR LOWER	1	A
- 43	AN385-20-5	PIN	2	A
- 44	NAS43HT6-38	SPACER, (ALT PN S117425-6S019)	2	A
- 45	1015349	LATCH ASSY, MAIN DOOR SAFETY UPPER	1	A
- 46	1012934	CAM ASSY, MAIN DOOR SAFETY LATCH	1	A
- 47	1005895	LEVER ASSY, MAIN DOOR LOCKING	2	A
- 48	1006919-1	SHAFT, MAIN DOOR SAFETY LOCK HANDLE	2	A
- 49	2245068	BRACKET ASSY, MAIN DOOR SAFETY LATCH UPPER LH	1	A
- 50	2245414	BRACKET ASSY, MAIN DOOR SAFETY LATCH LOWER LH	1	A
		(ATTACHING PARTS)		
- 51	MS35206-229	SCREW, (ALT PN AN515-6-7)	12	A
- 52	MS21044N06	NUT, (ALT PN AN365-632)	12	A
- 53	5148185-84	SEAL, MAIN CABIN DOOR (MAKE FROM S147412)	1	A
- 54	5148185-82	SEAL, MAIN CABIN DOOR	1	A
- 55	5148185-80	SEAL, MAIN CABIN DOOR	1	A
	5161533	MECHANISM INSTL, MAIN DOOR HOLDOPEN	1	A
- 56	MS20392-2C11	PIN, (ALT PN AN393-11)	1	A
- 57	AN316-4R	NUT	1	A
- 58	MS27975-4	CLEVIS, (ALT PN AN486-4)	1	A
- 59	2161535	ROD ASSY, DOOR HOLDOPEN MECHANISM	1	A
- 60	AN960-416	WASHER	2	A
- 61	1161538	SPRING, DOOR HOLDOPEN RETURN	1	A
- 62	MS35206-245	SCREW, (ALT PN AN515-8-8)	4	A
- 63	2161539	RETAINER, DOOR HOLDOPEN RETURN SPRING	1	A
- 64	1161540	RETAINER, DOOR HOLDOPEN PUSH ROD (DRILL ON INSTL)	1	A
	2161343	TRIGGER ASSY, DOOR HOLDOPEN	1	A
- 65	MS35266-65	SCREW, (ALT PN AN501-10-12)	1	A
- 66	AN315-3R	NUT	1	A
- 67	AN3-14A	BOLT	1	A
- 68	S124682-3S10-3	WASHER	1	A
- 69	S124682-3S10-6	WASHER	1	A
- 70	MS21044N3	NUT, (ALT PN AN365-1032)	1	A
- 71	1161534	ARM, DOOR HOLDOPEN MECHANISM LEVER	1	A
- 72	1161677	TRIGGER, DOOR HOLDOPEN	1	A
- 73	S124682-8S14-6	WASHER	1	A
- 74	1149803	SHAFT, HOLDOPEN MECHANISM TRIGGER	1	A

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
24	4161289	HOUSING ASSY, DOOR HOLDOPEN TRIGGER	1	A
- 75	B358-0687	BUSHING, (70651)	1	A
- 76	4161289-2	HOUSING, DOOR HOLDOPEN TRIGGER	1	A
- 77	1240164	PLATE, STRIKER	2	A
- 78	1013021-1	PLATE, MAIN DOOR SAFETY LATCH STRIKER RH		
		(ATTACHING PARTS)	8	A
- 79	AN507-632R6	SCREW	8	A
- 80	MS21044N06	NUT, CAL T PN AN365-632)		
			1	A
- 81	5148767-36	PLATE, MAIN CABIN DOOR SCUFF		
		(ATTACHING PARTS)	6	A
- 82	AN507-832R7	SCREW	8	A
- 83	AN507-832R8	SCREW		
		A 542 THRU 554		

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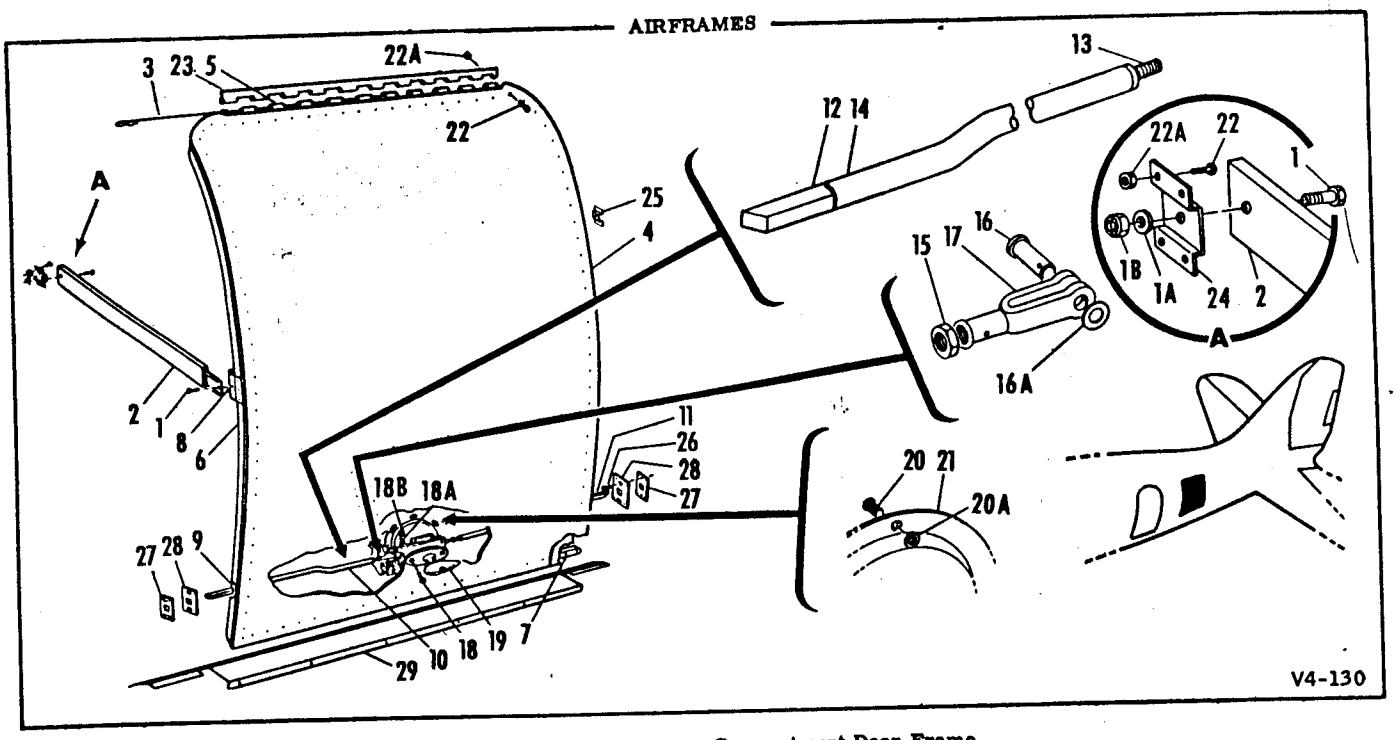

Figure 25. Rear Baggage Compartment Door Frame

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	U/A	USE CODE
25	5188353	FRAME INSTL, REAR BAGGAGE COMPARTMENT DOOR	REF	A
	5188423	(SEE FIG. 23 FOR NHA)	1	A
- 1	AN4-5	DOOR INSTL, REAR BAGGAGE COMPARTMENT	4	A
- 1A	AN960-416	BOLT	4	A
- 1B	AN310-4	WASHER	4	A
- 2	2188623	NUT	2	A
- 3	S121873-120-2308	LATCH ASSY, BAGGAGE DOOR HOLDOPEN	1	A
- 4	5188517	PIN, SAFETY HINGE	1	A
- 5	5188517-10	DOOR ASSY, REAR BAGGAGE COMPARTMENT	1	A
		HINGE, REAR BAGGAGE COMPARTMENT DOOR		
		(MAKE FROM S1000760AD2324)	1	A
- 6	S1173821-12200	SEAL, SYNTHETIC RUBBER EXTRUDED BULB	1	A
- 7	S1173821LT3200	SEAL, SYNTHETIC RUBBER EXTRUDED BULB	2	A
- 8	4188532	BRACKET, DOOR HOLDOPEN FORWARD	2	A
- 9	1188527	FAIRLEAD, BAGGAGE DOOR	1	A
- 10	2188531	PLUNGER ASSY, REAR BAGGAGE DOOR FORWARD	1	A
- 11	2188530	PLUNGER ASSY, REAR BAGGAGE DOOR AFT	1	A
- 12	1188528	PLUNGER, REAR BAGGAGE DOOR	1	A
- 13	1188529	END, BAGGAGE DOOR PLUNGER ROD	1	A
- 14	2188531-2	TUBE, REAR BAGGAGE DOOR FORWARD PLUNGER	1	A
	2188530-2	TUBE, REAR BAGGAGE DOOR AFT PLUNGER	2	A
- 15	AN316-4R	NUT	2	A
- 16	MS20392-2C17	PIN, (ALT PN AN393-17)	2	A
- 16A	AN960-8	WASHER	2	A
- 17	MS27975-3	CLEVIS, (ALT PN AN486-3)	2	A
- 18	MS35190-253	SCREW, (ALT PN AN505-8-8)	2	A
- 18A	AN960-8	WASHER	2	A
- 18B	MS21044N08	NUT, (ALT PN AN365-832)	1	A
- 19	UD62	LATCH ASSY, DOOR (80477)	6	A
- 20	MS35206-245	SCREW, (ALT PN AN526-832-8)	6	A
- 20A	AN960-8	WASHER	1	A
- 21	4188533	SOCKET, DOOR HANDLE	12	A
- 22	S1029657-8-8	SCREW, OVAL BINDING HEAD	12	A
- 22A	MS21044N08	NUT, (ALT PN AN365-832)	1	A
- 23	5188423-2	HINGE, REAR BAGGAGE COMPARTMENT DOOR		
		(MAKE FROM S1082291AD2304)	1	A
- 24	1188621	BRACKET, BAGGAGE DOOR HOLDOPEN LOWER FORWARD		
		(DRILL ON INSTL)	1	A
- 25	1188620	BRACKET, BAGGAGE DOOR HOLDOPEN LOWER AFT (DRILL ON INSTL)	1	A
- 26	AN4-10	BOLT	4	A
- 27	2188664	PLATE ASSY, REAR BAGGAGE DOOR SERRATED STOP	2	A
- 28	2188622	PLATE, REAR BAGGAGE DOOR SERRATED	2	A
- 29	3188449	PLATE, REAR BAGGAGE COMPARTMENT DOOR SCUFF	1	A
		A 542 THRU 546		

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

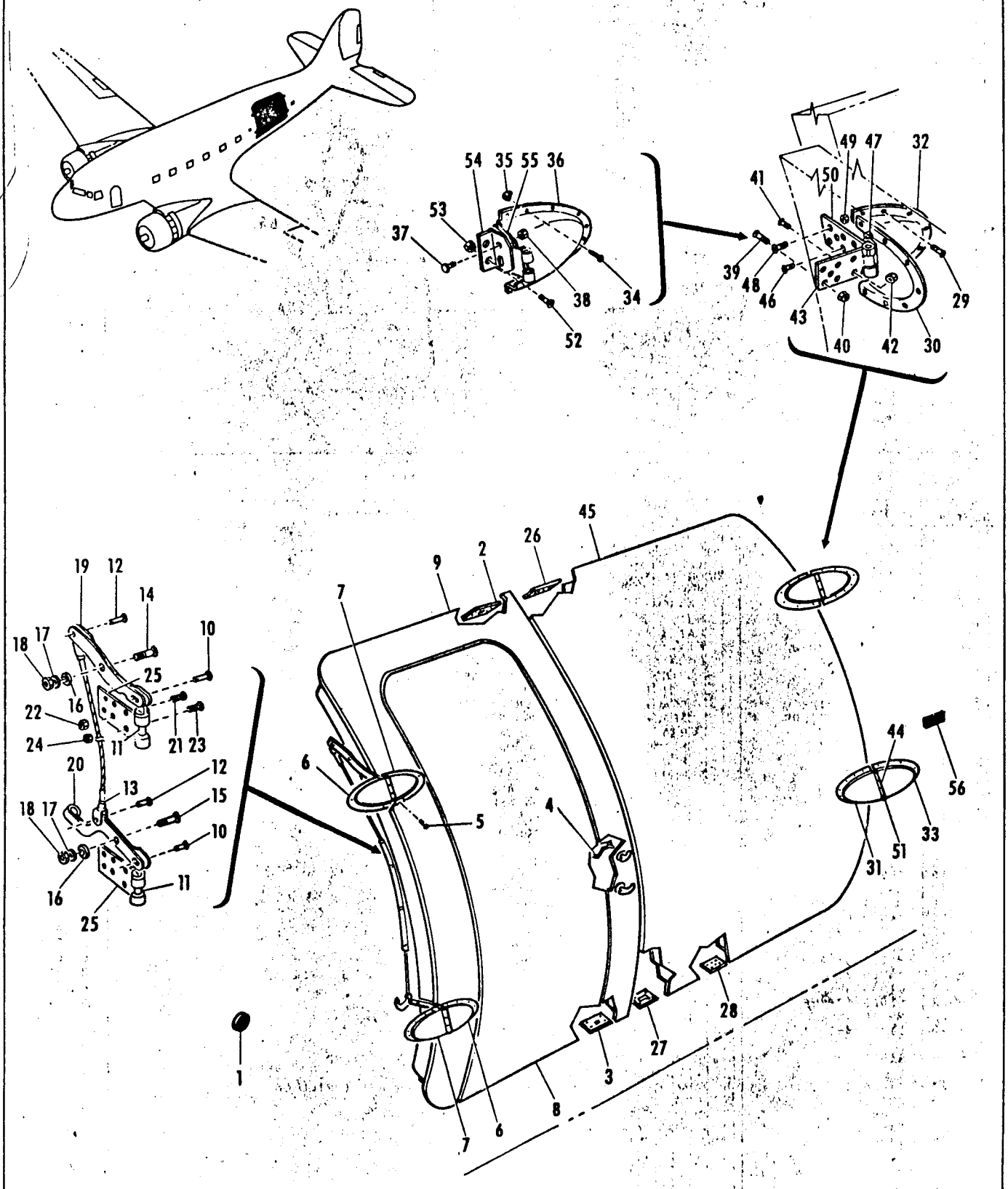

Figure 26. Main Cargo Door

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FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
26	5139460	DOOR INSTL, MAIN CARGO (SEE FIG. 22 FOR NHA)	REF	A
	5142704	DOOR INSTL, MAIN CARGO OFFSET HINGE (SEE FIG. 22 FOR NHA)	REF	BC
- 1	1130245	BUMPER, FORWARD CARGO DOOR HANDLE	1	AC
- 2	1119968	PLATE, MAIN DOOR UPPER STRIKER	1	AC
- 3	1119967	PLATE, MAIN DOOR LOWER STRIKER	1	AC
- 4	5202721	COVER ASSY, PARATROOP DOOR HANDLE	1	BC
- 5	COML	SCREW, STOVE HEAD (TYPE Z) NUMBER 4 X 5/16 (45722)	14	A
	COML	SCREW, STOVE HEAD (TYPE Z) NUMBER 4 X 5/16 (45722)	28	BC
- 6	2119810	FAIRING, HINGE STA 450 LH	2	AC
- 7	2119810-1	FAIRING, HINGE STA 450 RH	2	AC
- 8	5140038	PANEL ASSY, FORWARD MAIN CARGO DOOR (SEE FIG. 27 FOR DETAILS)	1	AC
- 9	5140039	DOOR ASSY, MAIN CARGO FORWARD (SPARE PARTS ASSY 1142387) (SEE FIG. 27 FOR DETAILS)	1	AB
	5202112	DOOR ASSY, MAIN CARGO FORWARD (SPARE PARTS ASSY 1203865) (SEE FIG. 27 FOR DETAILS)	1	C
	5139449	RELEASE INSTL, MAIN CARGO DOOR EMERGENCY	1	AC
- 10	MS20392-1C7	PIN, (ALT PN AN392-7)	2	AC
- 11	5139449-2	PIN, MAIN CARGO DOOR EMERGENCY RELEASE HINGE	2	AC
- 12	MS20392-1C9	PIN, (ALT PN AN392-9)	2	AC
- 13	5139449-18	CABLE ASSY, MAIN CARGO DOOR EMERGENCY RELEASE	1	AC
- 14	AN24-10	BOLT	1	AC
- 15	AN24-9	BOLT	1	AC
- 16	S1026614-4-009	SPACER, OD BEARING	2	AC
- 17	S124682-6S10-034	WASHER	2	AC
- 18	AN320-4	NUT	2	AC
- 19	5139449-16	LEVER ASSY, MAIN CARGO DOOR EMERGENCY RELEASE	1	AC
- 20	5139449-6	LEVER, MAIN CARGO DOOR EMERGENCY RELEASE	1	AC
- 21	MS35191-273	SCREW, (ALT PN AN510-10-10)	8	AC
- 22	MS21044N3	NUT, (ALT PN AN365-1032)	8	AC
- 23	MS35190-238	SCREW, (ALT PN AN505-6-8)	4	AC
- 24	MS21044N06	NUT, (ALT PN AN365-632)	4	AC
- 25	2119391-2	HINGE, MAIN CABIN DOOR FEMALE (MAKE FROM 2119392)	2	AC
- 26	1130146-1	PLATE, CARGO DOOR LATCH STRIKER UPPER	1	A
	1142922-1	PLATE, REAR MAIN CARGO DOOR LATCH UPPER	1	BC
- 27	1130146-2	PLATE, CARGO DOOR LATCH STRIKER LOWER	1	A
	1142922-2	PLATE, REAR MAIN CARGO DOOR LATCH LOWER	1	BC
- 28	1202441	PLATE, MAIN CARGO OFFSET HINGE DOOR UPLIFT STRIKER	1	BC
- 29	COML	SCREW, STOVE HEAD (TYPE Z) NUMBER 4 X 5/16 (45722)	28	A
- 30	4140912	FAIRING, DOOR HINGE STA 535 LH (UPPER)	1	A
- 31	4140912-1	FAIRING, DOOR HINGE STA 535 RH (LOWER)	1	A
- 32	4140913	FAIRING, FUSELAGE HINGE STA 535 LH (UPPER)	1	A
- 33	4140913-1	FAIRING, FUSELAGE HINGE STA 535 RH (LOWER)	1	A
- 34	MS24621-30	SCREW, (ALT PN AN530-8-8)	18	BC
- 35	1778M1	NUT, (78553)	18	BC
- 36	4142590	COVER, REAR CARGO DOOR HINGE AFT UPPER (DRILL ON INSTL)	1	BC
	4142548	COVER, REAR CARGO DOOR HINGE AFT LOWER (DRILL ON INSTL)	1	BC
- 37	AN5-7A	BOLT	4	BC
- 38	MS21044N5	NUT, (ALT PN AN365-524)	4	BC
	2141345	DOOR ASSY, AFT MAIN CARGO (SPARE PARTS ASSY 1142388)	1	A
- 39	MS35191-272	SCREW, (ALT PN AN510-10-8)	10	A
- 40	MS21044N3	NUT, (ALT PN AN365-1032)	10	A
- 41	MS35190-253	SCREW, (ALT PN AN505-8-8)	4	A
- 42	MS21044N08	NUT, (ALT PN AN365-832)	4	A
- 43	2140803	HINGE ASSY, CARGO DOOR MALE STA 535 UPPER	1	A
- 44	2140804	HINGE ASSY, CARGO DOOR MALE STA 535 LOWER	1	A
- 45	5139261	STRUCTURE ASSY, MAIN CARGO AFT DOOR (SEE FIG. 29 FOR DETAILS)	1	A
	5142672	STRUCTURE ASSY, MAIN CARGO DOOR OFFSET HINGE (SPARE PARTS ASSY 2143568) (SEE FIG. 29 FOR DETAILS)	1	BC
- 46	MS35191-272	SCREW, (ALT PN AN510-10-8)	4	A
- 47	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
- 48	MS35191-273	SCREW, (ALT PN AN510-10-10)	10	A
- 49	MS21044N3	NUT, (ALT PN AN365-1032)	10	A
- 50	2140799	HINGE ASSY, CARGO DOOR FEMALE STA 535 UPPER	1	A
- 51	2140798	HINGE ASSY, CARGO DOOR FEMALE STA 535 LOWER	1	A
- 52	AN509-416R12	SCREW, (ALT PN S1029421-416-12)	8	BC
- 53	MS21044N4	NUT, (ALT PN AN365-428)	8	BC
- 54	2142545	BRACKET, REAR CARGO DOOR HINGE LH	2	BC
- 55	2142545-1	BRACKET, REAR CARGO DOOR HINGE RH	2	BC
- 56	1139489	BUMPER, AFT MAIN CARGO DOOR HANDLE	1	AC

A 001 THRU 006, 026 THRU 031 AND 558
B 007 THRU 025, 032 THRU 045, 057 THRU 148, 178 THRU 209 AND 555
C 046 THRU 056, 149 THRU 177, 210 THRU 541, 556 AND 557

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

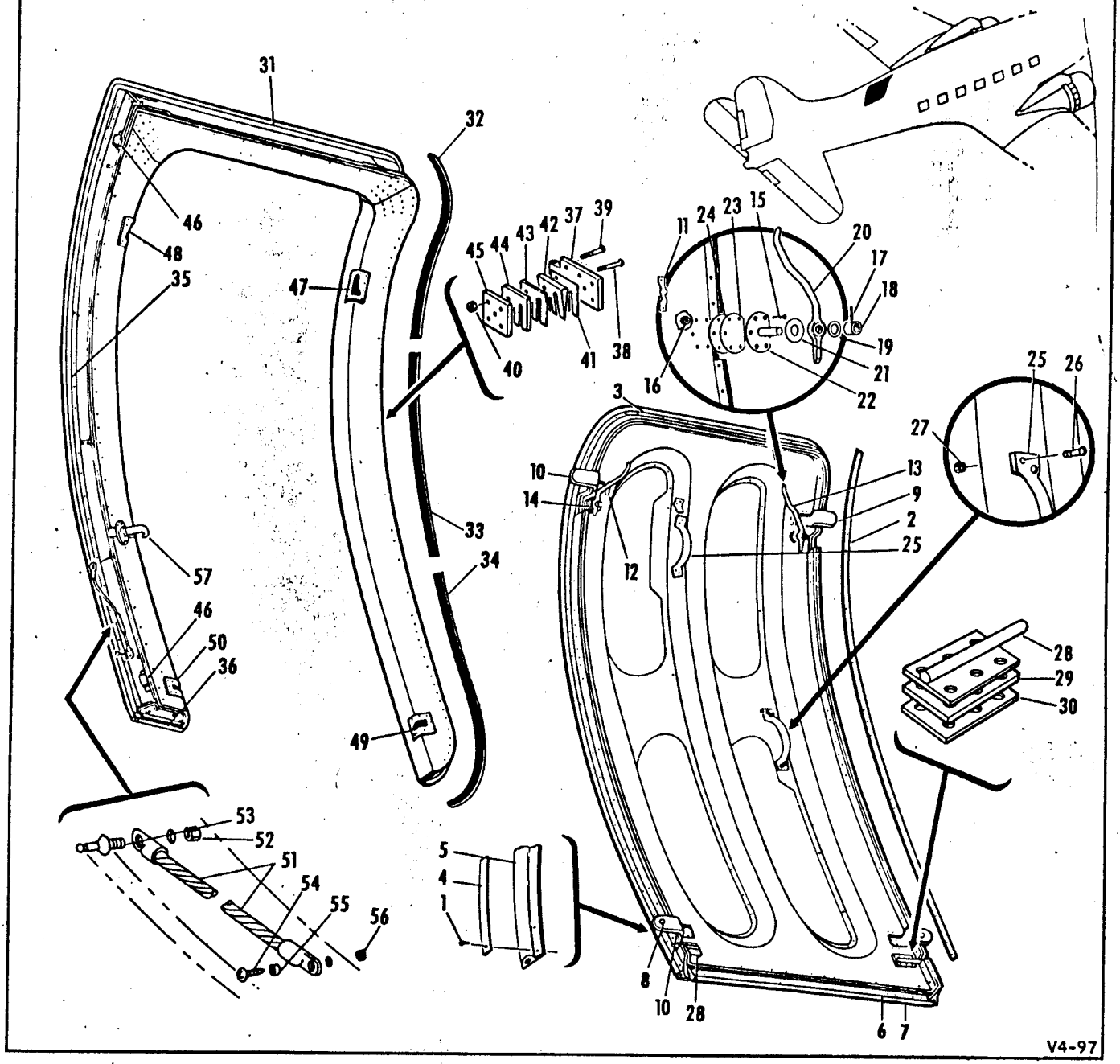

Figure 27. Main Cargo Forward Door and Panel

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
27		MAIN CARGO FORWARD DOOR AND PANEL		
	5140038	PANEL ASSY, FORWARD MAIN CARGO DOOR (SEE FIG. 26 FOR NHA)	REF	AB
- 1	S2656010-6-8	SCREW, 100 DEGREE RECESSED FLAT HEAD SHEET METAL (ALT PN S1114189A6-8)	50	AB
- 2	5140038-24	STRIP, DOOR PANEL SEAL RETAINER FORWARD	1	AB
- 3	5140038-26	STRIP, DOOR PANEL SEAL RETAINER TOP	1	AB
- 4	5140038-22	STRIP, DOOR PANEL SEAL RETAINER AFT	1	AB
- 5	5140038-18	SEAL, DOOR PANEL (MAKE FROM S1119840-16800)	1	AB
- 6	5140038-42	STRIP, DOOR PANEL SEAL RETAINER BOTTOM	1	AB
- 7	5140038-20	SEAL, DOOR PANEL BOTTOM (MAKE FROM S1000822-3200)	1	AB
- 8	2140021	KNOB, FORWARD MAIN CARGO DOOR PANEL TAPERED	2	AB
- 9	2119569-2	PLATE, PANEL LOCK FORWARD SUPPORT	2	AB
- 10	2119563-2	PLATE, PANEL LOCK AFT SUPPORT	2	AB
- 11	2140099	SPRING, PANEL RELEASE HANDLE LH (FORWARD)	1	AB
- 12	2140099-1	SPRING, PANEL RELEASE HANDLE RH (AFT)	1	AB

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
	CONTINUED			
27				
- 13	4140103	LATCH ASSY, FORWARD CARGO DOOR PANEL LH	1	AB
- 14	4140103-1	LATCH ASSY, FORWARD CARGO DOOR PANEL RH	1	AB
		(ATTACHING PARTS)		
- 15	MS35190-253	SCREW, (ALT PN AN505-8-8)	10	AB
- 16	MS21044N08	NUT, (ALT PN AN365-832)	10	AB
		PIN	1	AB
- 17	S146142-187-022	COLLAR, FORWARD CARGO DOOR PANEL LATCH SHAFT	1	AB
- 18	1140037	WASHER	1	AB
- 19	AN960C916	HANDLE, FORWARD CARGO DOOR PANEL LATCH LH	1	AB
- 20	4140006	HANDLE, FORWARD CARGO DOOR PANEL LATCH RH	1	AB
	4140006-1	WASHER	1	AB
- 21	AN945-9	SHAFT ASSY, FORWARD CARGO DOOR PANEL LATCH	1	AB
- 22	2140007	SHIM, FORWARD CARGO DOOR PANEL LATCH	2	AB
- 23	2140792-2	SHIM, FORWARD CARGO DOOR PANEL LATCH	2	AB
- 24	2140792-4	HANDLE ASSY, PARACHUTE PANEL (ALT PN 2140098)	2	AB
- 25	2141063	HANDLE ASSY, PARACHUTE PANEL	2	AB
	2140098	(ATTACHING PARTS)		
- 26	AN526-832-9	SCREW	8	AB
- 27	MS20365-832	NUT, (ALT PN AN365-832)	8	AB
- 28	2140010	ROD ASSY, FORWARD CARGO DOOR PANEL	2	AB
- 29	5140038-38	SHIM, DOOR PANEL ROD	AR	AB
- 30	5140038-52	SHIM, DOOR PANEL ROD	AR	AB
	5140039	DOOR ASSY, MAIN CARGO FORWARD (SEE FIG. 26 FOR NHA)	REF	A
	5202112	DOOR ASSY, MAIN CARGO FORWARD (SEE FIG. 26 FOR NHA)	REF	B
- 31	5140039-30	STRIP, DOOR TOP (MAKE FROM S1000822-4400)	1	A
	5202112-54	STRIP, DOOR TOP (MAKE FROM S1000822-4400)	1	B
- 32	5140039-58	STRIP, CARGO DOOR FORWARD UPPER (MAKE FROM 601B (75345))	1	A
- 33	5140039-60	STRIP, CARGO DOOR FORWARD CENTER (MAKE FROM 601B (75345))	1	A
- 34	5140039-62	STRIP, CARGO DOOR FORWARD LOWER (MAKE FROM 601B (75345))	1	A
	5202112-50	STRIP, CARGO DOOR FORWARD (MAKE FROM 601B (75345))	1	B
- 35	5140039-32	STRIP, CARGO DOOR AFT (MAKE FROM S1000822-7600)	1	A
	5202112-52	STRIP, CARGO DOOR AFT (MAKE FROM S1000822-7600)	1	B
- 36	5140039-34	STRIP, CARGO DOOR AFT BOTTOM (MAKE FROM S1000822-600)	1	A
	5202112-74	STRIP, CARGO DOOR AFT BOTTOM (MAKE FROM S1000822-600)	1	B
- 37	2119464-2	HINGE, MAIN DOOR MALE (MAKE FROM 2119392)	2	AB
		(ATTACHING PARTS)		
- 38	AN510-10-18	SCREW	10	AB
- 39	MS35190-253	SCREW, (ALT PN AN505-8-8)	4	AB
- 40	MS21044N08	NUT, (ALT PN AN365-832)	4	AB
- 41	1142983-2	FILLER, MAIN CARGO FORWARD DOOR HINGE	2	AB
- 42	1142979	FILLER, MAIN CARGO FORWARD DOOR HINGE TAPERED	2	AB
- 43	1142983-4	FILLER, MAIN CARGO FORWARD DOOR HINGE	2	AB
- 44	1142983-6	FILLER, MAIN CARGO FORWARD DOOR HINGE	2	AB
- 45	1142978	FILLER, MAIN CARGO FORWARD DOOR HINGE	2	AB
- 46	2130147	BUMPER, FORWARD MAIN CARGO DOOR SAFETY	1	AB
- 47	2140009-1	PLATE, FORWARD CARGO DOOR STRIKER UPPER RH (FORWARD)	1	AB
- 48	2140009	PLATE, FORWARD CARGO DOOR STRIKER UPPER LH (AFT)	1	A
- 49	2140008	PLATE, FORWARD CARGO DOOR STRIKER LOWER LH (FORWARD)	1	B
	5202112-64	PLATE, CARGO DOOR STRIKER LOWER FORWARD LH	1	A
- 50	2140008-1	PLATE, FORWARD CARGO DOOR STRIKER LOWER RH (AFT)	1	B
	5202112-65	PLATE, CARGO DOOR STRIKER LOWER AFT RH	1	A
- 51	2139954	CORD ASSY, MAIN CARGO DOOR TIEBACK	1	B
	4204622	CABLE ASSY, MAIN CARGO DOOR TIEBACK	1	A
- 52	W1S832	NUT, ANCHOR (71087)	1	A
- 53	AN227-23	FASTENER	1	B
	AN525D832-14	SCREW	1	B
	MS20341-8	NUT, (ALT PN AN340-8)	1	A
- 54	MS24621-30	SCREW, (ALT PN AN530-8-8)	1	A
- 55	NAS43DD3-6	SPACER, (ALT PN S117425-2D003)	1	A
- 56	6191-8Z	NUT, (78553)	1	B
	AN525D832-14	SCREW	3	B
	AN960-10	WASHER	1	A
- 57	5119956	LOCK INSTL, MAIN DOOR (SEE FIG. 28 FOR DETAILS)	1	B
	5189551	LOCK INSTL, MAIN CARGO DOOR (SEE FIG. 28 FOR DETAILS)	1	B
		A 001 THRU 045, 057 THRU 148, 178 THRU 209, 555 AND 558		
		B 046 THRU 056, 149 THRU 177, 210 THRU 554, 556 AND 557		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

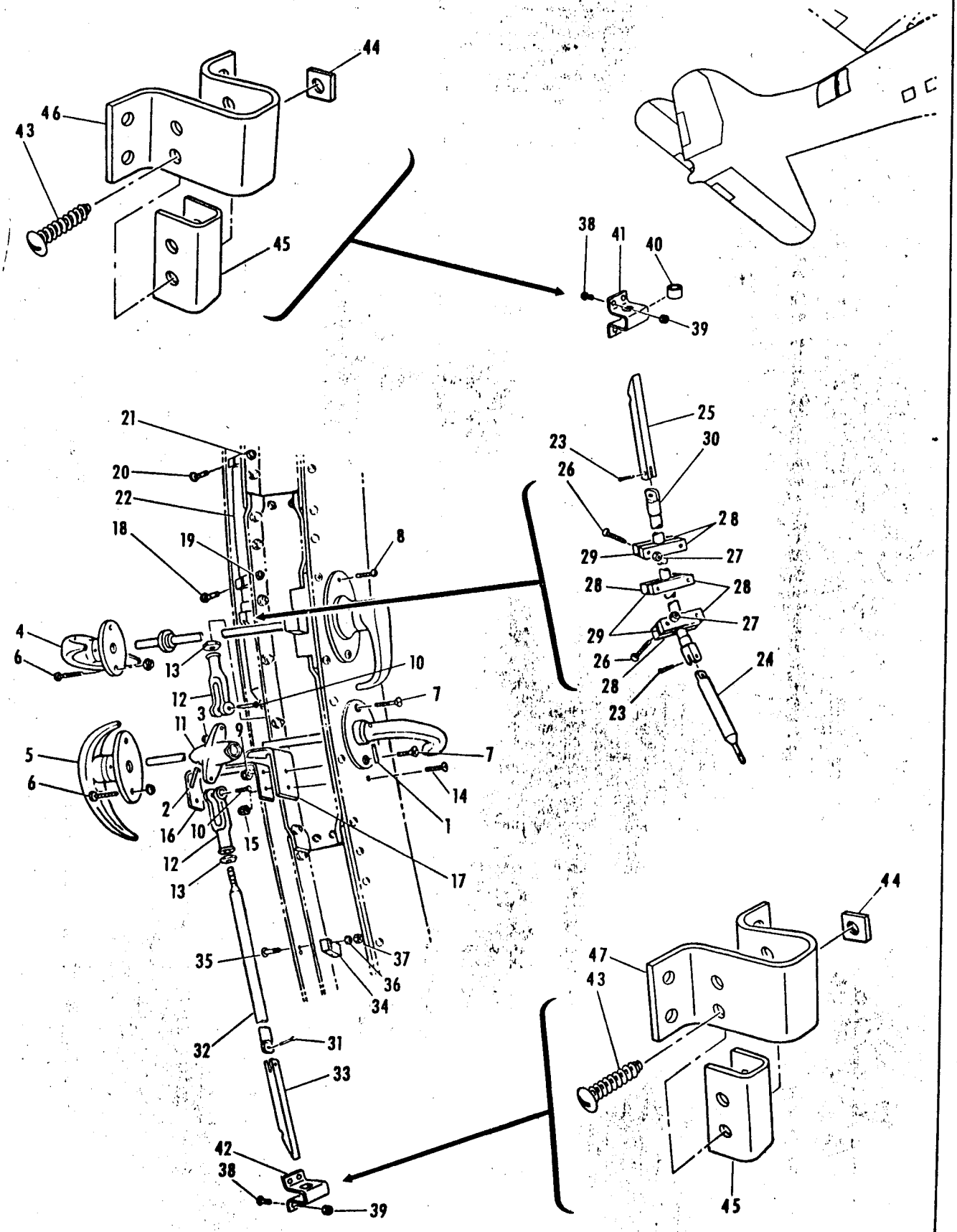

Figure 28. Main Door Lock

V4-83

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
28	5119956	LOCK INSTL, MAIN DOOR (SEE FIG. 27 FOR NHA)	REF	AB
	5189551	LOCK INSTL, MAIN CARGO DOOR (SEE FIG. 27 FOR NHA)	REF	C
- 1	AN385-20-7	PIN	1	AB
	AN385-20-8	PIN	1	C
- 2	S124604-10-7	PIN, SPECIAL THREADED TAPER	1	AB
	S124604-10-8	PIN, SPECIAL THREADED TAPER	1	C
- 3	MS20365-632	NUT, (ALT PN AN365-632)	1	AC
- 4	UD51	LOCK ASSY, (80477)	1	AB
- 5	UD52	LOCK ASSY, (80477)	1	AB
	UD59	LOCK ASSY, (80477)	1	C
		(ATTACHING PARTS)		
- 6	MS51959-46	SCREW, (ALT PN AN505-8-10)	4	AB
- 7	AN505-8-9	SCREW, (USED ON UD51)	2	AB
- 8	MS51959-45	SCREW, (ALT PN AN505-8-8) (USED ON UD52)	2	AB
- 9	MS20365-832	NUT, (ALT PN AN365-832)	8	AB
	AN507-8R14	SCREW, (ALT PN S1087510-8-14)	4	C
	AN507-8R10	SCREW, (ALT PN S1087510-8-10)	6	C
	AN960-8	WASHER	10	C
	MS20365-832	NUT, (ALT PN AN365-832)	10	C
- 10	MS20392-2C11	PIN, (ALT PN AN393-11)	2	AC
- 11	2119982	BELLCRANK, MAIN DOOR LATCH (MAKE FROM 2119983)	1	AB
	1189545	BELLCRANK, MAIN CARGO DOOR (MAKE FROM 1189552)	1	C
- 12	MS27975-4	CLEVIS, (ALT PN AN486-4)	2	AC
- 13	AN316-4R	NUT	2	AC
- 14	MS35206-245	SCREW, (ALT PN AN526-832-8)	2	AB
- 15	MS20365-832	NUT, (ALT PN AN365-832)	2	AB
- 16	1119974	STOP, MAIN DOOR LATCH	1	AB
- 17	1119975	SPRING, MAIN DOOR LATCH	1	AB
- 18	AN526-1032R18	SCREW	2	A
- 19	MS21083N3	NUT, (ALT PN AN364-1032)	2	A
- 20	MS35207-267	SCREW, (ALT PN AN526-1032-16)	4	A
- 21	MS20365-1032	NUT, (ALT PN AN365-1032)	4	A
- 22	B1090	CONTROL ASSY, MAIN DOOR LOCK (77932)	1	A
- 23	MS20392-2C13	PIN, (ALT PN AN393-13)	2	BC
- 24	1202463	ROD, DOOR LATCH COUPLING	1	BC
- 25	1202464	BOLT, FORWARD MAIN DOOR TOP LATCH	1	BC
- 26	MS35207-268	SCREW, (ALT PN AN526-1032-20)	6	B
	MS35207-269	SCREW, (ALT PN AN526-1032-24)	6	C
	AN960-10	WASHER	6	C
- 27	MS20365-1032	NUT, (ALT PN AN365-1032)	6	BC
- 28	1202664	CLIP, MAIN DOOR ROD	6	BC
- 29	1202663	SHIM, MAIN DOOR ROD	3	BC
- 30	4202486	ROD ASSY, MAIN DOOR LATCH UPPER	1	BC
- 31	MS20392-2C13	PIN, (ALT PN AN393-13)	1	AC
- 32	4119922	ROD ASSY, MAIN DOOR LATCH	1	AC
- 33	1119936	BOLT, MAIN DOOR LATCH	1	AC
- 34	1132801	BLOCK, MAIN DOOR LOCK RUBBING	1	AC
		(ATTACHING PARTS)		
- 35	MS35206-247	SCREW, (ALT PN AN526-832-12)	2	AC
- 36	AN960-8	WASHER	2	AC
- 37	MS20365-832	NUT, (ALT PN AN365-832)	4	AC
- 38	MS35206-245	SCREW, (ALT PN AN526-832-8)	8	AC
- 39	MS20365-832	NUT, (ALT PN AN365-832)	8	AC
	1119938	BEARING ASSY, MAIN DOOR LATCH UPPER	1	A
- 40	1139866	BUSHING, MAIN DOOR LATCH UPPER	1	A
- 41	1119938-2	BEARING, MAIN DOOR LATCH UPPER	1	A
- 42	1119939	BEARING, MAIN DOOR LATCH LOWER	1	A
	2202465	BEARING ASSY, MAIN FORWARD DOOR LATCH UPPER	1	BC
	2202636	BEARING ASSY, MAIN FORWARD DOOR LATCH LOWER	1	BC
- 43	MS24622-33	SCREW, (ALT PN AN530-8-14)	2	BC
- 44	NAS446-4-1	NUT, (ALT PN 1778M1 (78553))	2	BC
- 45	1202800	STOP, DOOR LATCH BEARING	1	BC
- 46	2202465-2	BEARING, MAIN FORWARD DOOR LATCH UPPER	1	BC
- 47	2202636-2	BEARING, MAIN FORWARD DOOR LATCH LOWER	1	BC

A 001 THRU 045, 057 THRU 063, 146 THRU 148, 555 AND 558
B 064 THRU 145 AND 178 THRU 209
C 046 THRU 056, 149 THRU 177, 210 THRU 541, 556 AND 557

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

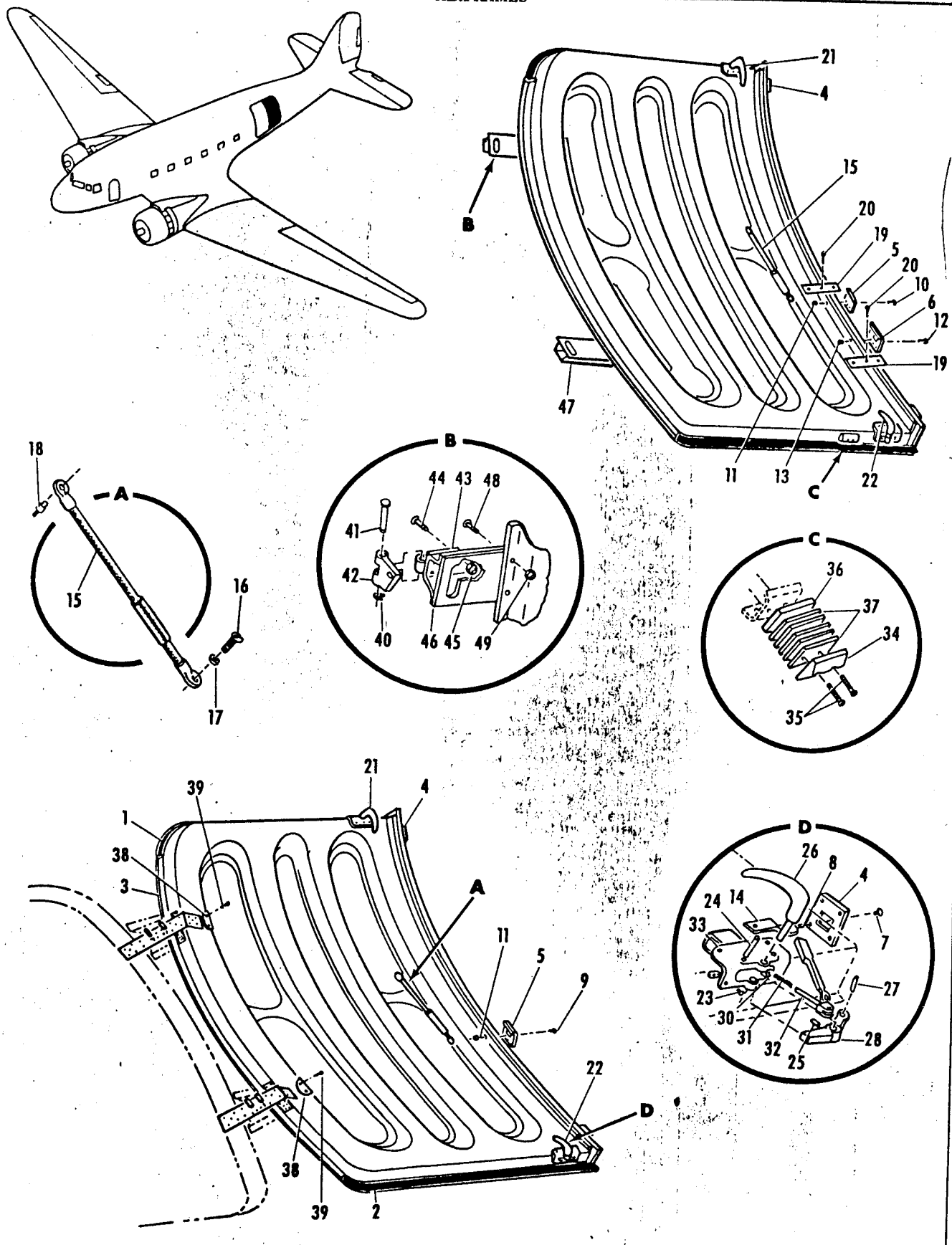

Figure 29. Main Cargo Aft Door Structure

V4-91

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
29	5139261	STRUCTURE ASSY, MAIN CARGO AFT DOOR (SEE FIG. 26 FOR NHA)	REF	A
	5142672	STRUCTURE ASSY, MAIN CARGO DOOR OFFSET HINGE (SEE FIG. 26 FOR NHA)	REF	B
- 1	5139261-18	STRIP, CARGO DOOR TOP (MAKE FROM S147412-4800)	1	A
- 2	5139261-16	STRIP, CARGO DOOR BOTTOM (MAKE FROM S147412-4800)	1	A
- 3	5139261-20	SEAL, CARGO DOOR AFT	1	A
	5142672-16	STRIP, MAIN CARGO DOOR (MAKE FROM S147412-16000)	1	B
- 4	1130474	PLATE, AFT MAIN CARGO DOOR STRIKER	2	AB
- 5	1130451	PLATE, MAIN DOOR SPRING LATCH STRIKER	1	AB
- 6	1189553	PLATE, MAIN CARGO DOOR SPRING LATCH STRIKER	1	B
		(ATTACHING PARTS)		
- 7	AN507-832R7	SCREW, (ALT PN S1087510-8-7) (USED ON 1130474)	8	AB
- 8	MS21044N08	NUT, (ALT PN AN365-832)	4	AB
- 9	AN507-832R8	SCREW, (ALT PN S1087510-8-8) (USED ON 1130451)	5	A
- 10	MS51960-47	SCREW, (ALT PN S1027303-8-8) (USED ON 1130451)	5	B
- 11	MS21044N08	NUT, (ALT PN AN365-832)	5	AB
- 12	MS51960-47	SCREW, (ALT PN S1027303-8-8) (USED ON 1189553)	5	B
- 13	MS21044N08	NUT, (ALT PN AN365-832)	5	B
- 14	1130115	SPRING, MAIN CARGO DOOR LATCH ANTIRATTLER	2	AB
- 15	2139954	CORD ASSY, MAIN CARGO DOOR TIEBACK	1	AB
		(ATTACHING PARTS)		
- 16	AN525D832-8	SCREW	1	A
	AN525D832-10	SCREW	1	B
- 17	NAS43DD2-6	SPACER, (ALT PN S117425-2D003)	1	AB
- 18	AN227-23	FASTENER	1	AB
- 19	1203994	STRAP ASSY, MAIN CARGO DOOR	2	B
		(ATTACHING PARTS)		
- 20	S2656012-8-8	SCREW, (ALT PN S1114190A8-8)	2	B
- 21	4130166	LATCH ASSY, AFT CARGO DOOR UPPER	1	AB
- 22	4130123	LATCH ASSY, AFT CARGO DOOR LOWER	1	AB
		(ATTACHING PARTS)		
- 23	AN507-1032R10	SCREW, (ALT PN S1087510-10-10)	8	AB
- 24	S146142-187-114	PIN	2	AB
- 25	AN385-20-7	PIN	1	AB
- 26	360-3A	HANDLE ASSY, LEVER (80477)	1	AB
- 27	1130162	PIN, SAFETY LATCH	1	AB
	1142923-1	BOLT ASSY, MAIN CARGO DOOR LATCH UPPER RH (MAKE FROM 1143114-1)	1	AB
- 28	1142923	BOLT ASSY, MAIN CARGO DOOR LATCH LOWER LH (MAKE FROM 1143114)	1	AB
	1130152-1	DRAWBAR, MAIN CARGO DOOR SAFETY LATCH STA 484 TO 520 UPPER RH	1	AB
- 29	1130152	DRAWBAR, MAIN CARGO DOOR SAFETY LATCH STA 484 TO 520 LOWER LH	1	AB
- 30	AN960-416	WASHER	1	AB
- 31	1130153	SPRING, MAIN CARGO DOOR SAFETY LATCH STA 484 TO 520	1	AB
- 32	1130143	CLEVIS, MAIN CARGO DOOR SAFETY LATCH SPRING STA 484 TO 520	1	AB
- 33	4130124	CASING, SAFETY LATCH	1	AB
- 34	1202445	BLOCK, MAIN CARGO DOOR OFFSET HINGE DOOR UPLIFT	1	B
		(ATTACHING PARTS)		
- 35	AN520-10R18	SCREW, (ALT PN AN520-10-18)	2	B
- 36	5142672-42	SHOCK, MAIN CARGO DOOR OFFSET HINGE	1	B
- 37	5142672-44	SHIM, MAIN CARGO DOOR OFFSET HINGE	5	B
- 38	5139261-42	COVER, MAIN CARGO AFT DOOR	2	A
		(ATTACHING PARTS)		
- 39	NAS220-8	SCREW, (ALT PN S1029657P8-8)	8	A
- 40	NAS670-25	RING, (ALT PN NAS51-25)	2	B
- 41	1142586	PIN, REAR CARGO DOOR HINGE	2	B
- 42	2142563	STRAP ASSY, REAR CARGO DOOR HINGE	2	B
- 43	2142562	STRAP ASSY, REAR CARGO DOOR HINGE	2	B
		(ATTACHING PARTS)		
- 44	AN509-416R12	SCREW, (ALT PN S1029421-416-12)	8	B
- 45	MS21044N4	NUT, (ALT PN AN365-428)	8	B
- 46	5142632	RAIL ASSY, AFT CARGO DOOR OFFSET HINGE UPPER (DRILL ON INSTL)	1	B
- 47	5142631	RAIL ASSY, AFT CARGO DOOR OFFSET HINGE LOWER (DRILL ON INSTL)	1	B
		(ATTACHING PARTS)		
- 48	NAS222-10	SCREW, (ALT PN S1029657P416-10) (USED ON 5142632)	6	B
	NAS222-8	SCREW, (ALT PN S1029657P416-8) (USED ON 5142631)	6	B
- 49	MS21044N4	NUT, (ALT PN AN365-428)	12	B
		A 001 THRU 006, 026 THRU 031 AND 558		
		B 007 THRU 025, 032 THRU 541 AND 555 THRU 557		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

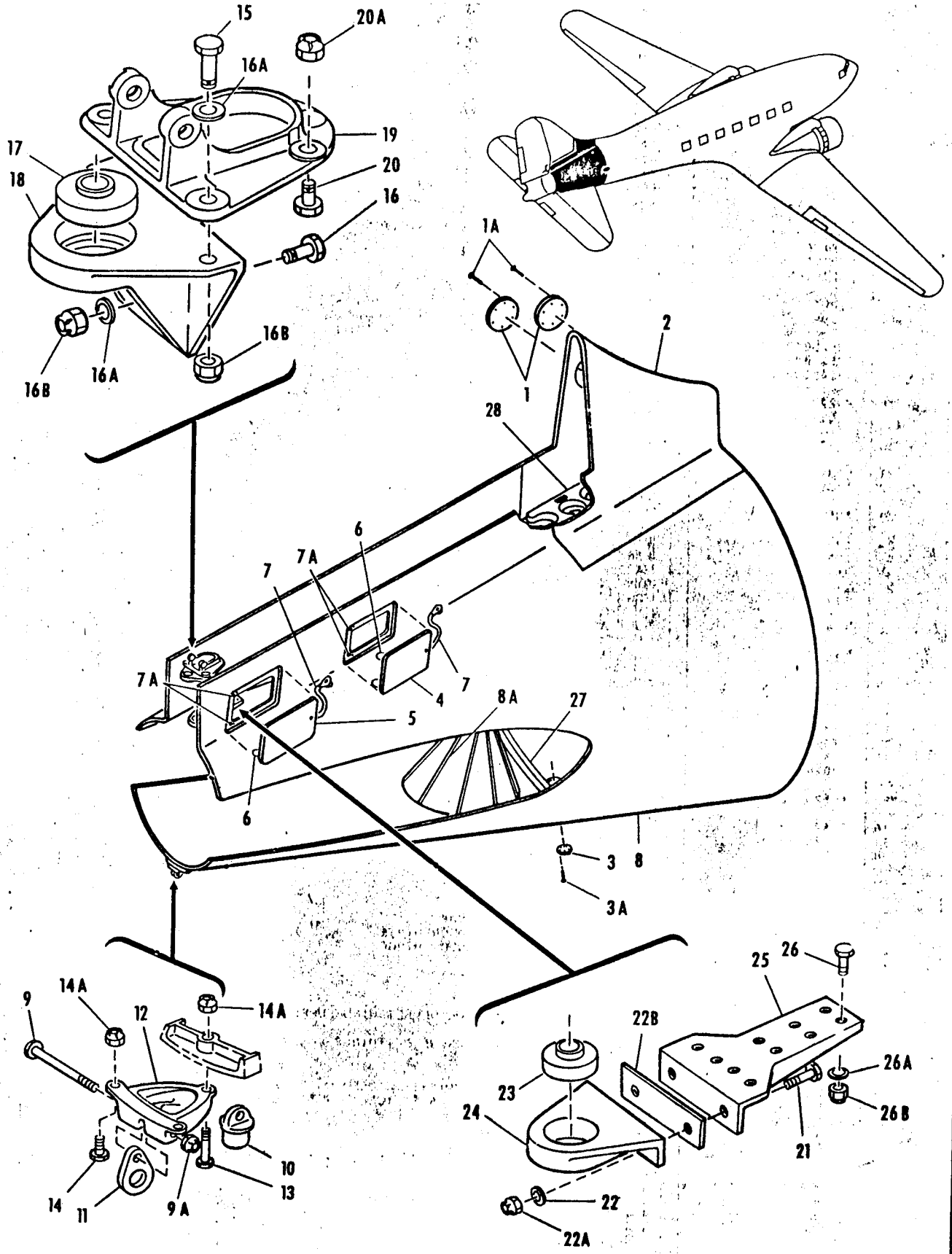

Figure 30. Fuselage Rear Section

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
30	5110532	SECTION ASSY, FUSELAGE REAR (SEE FIG. 16 FOR NHA)	REF	A
	5142061	SECTION ASSY, FUSELAGE REAR BOLTED (SEE FIG. 16 FOR NHA)	REF	B
	5188320	SECTION ASSY, FUSELAGE REAR (SEE FIG. 16 FOR NHA)	REF	C
	5141964	FAIRING INSTL, VERTICAL STABILIZER AFT SECTION FORWARD	1	B
- 1	2142047	COVER, VERTICAL STABILIZER FORWARD FAIRING ACCESS DOOR	2	B
		(ATTACHING PARTS)		
- 1A	MS24621-30	SCREW, (ALT PN AN530-8-8)	12	B
		|--|--*--|		
- 2	5141964-20	FAIRING ASSY, VERTICAL STABILIZER AFT SECTION FORWARD	1	B
	5110534	PLATE INSTL, FUSELAGE REAR SECTION	1	A
	5142192	PLATE INSTL, BOLTED FUSELAGE REAR SECTION	1	B
	5188322	PLATE INSTL, FUSELAGE REAR SECTION	1	C
	4130620	PLATE INSTL, DEICER DRAIN COVER (RH)	1	
- 3	4130620-2	COVER, DEICER DRAIN	1	
		(ATTACHING PARTS)		
- 3A	MS35206-243	SCREW, (ALT PN AN526-832-6)	5	
		|--|--*---		
	5115261	DOOR INSTL, RUDDER TAB PULLEY INSPECTION (RH)	1	
	5115262	DOOR INSTL, RUDDER STOCK INSPECTION (RH)	1	
- 4	5115261-6	DOOR ASSY, RUDDER TAB PULLEY INSPECTION	1	
- 5	5115262-4	DOOR ASSY, RUDDER STOCK INSPECTION	1	
- 6	P100-6	STUD, (78553)	2	
- 7	5115261-10	CORD ASSY, RUDDER TAB PULLEY INSPECTION DOOR	1	
	5115262-10	CORD ASSY, RUDDER STOCK INSPECTION DOOR	1	
- 7A	1663M1-020	SPEEDNUT, (78553)	2	
- 8	5110533	FRAME ASSY, FUSELAGE REAR SECTION	1	A
	5142193	FRAME ASSY, FUSELAGE REAR BOLTED SECTION	1	B
	5188321	FRAME ASSY, FUSELAGE REAR SECTION	1	C
- 8A	5110533-100	CONE ASSY, TAIL	1	A
	5142193-100	CONE ASSY, TAIL	1	B
	5188321-100	CONE ASSY, TAIL	1	C
- 9	AN5-34A	BOLT, (STOW AT STA 538)	1	
- 9A	MS21044N5	NUT, (STOW AT STA 538) (ALT PN AN365-524)	1	
- 10	2139438	PAD, TAIL JACK (STOW AT STA 538)	1	
- 11	1139485	PLATE, TAIL MOORING ANCHOR (STOW AT STA 538)	1	
- 12	2115759	SKID, EMERGENCY TAIL (MAKE FROM S233407)	1	
		(ATTACHING PARTS)		
- 13	AN4-13	BOLT	1	A,C
	AN4-14	BOLT	1	B
- 14	AN4-6	BOLT	2	
- 14A	AN310-4	NUT	3	
		|--|--*--|		
	2115459	BRACKET ASSY, NO. 3 RUDDER HINGE	1	
		(ATTACHING PARTS)		
- 15	AN3-6	BOLT	2	
- 16	AN3-5	BOLT	2	
- 16A	AN960D10	WASHER	4	
- 16B	AN310-3	NUT	4	
		|--|--*--|		
- 17	MS20200KP4	BEARING, (ALT PN AN200K4)	1	
- 18	2115459-2	BRACKET, NO. 3 RUDDER HINGE (MAKE FROM S133210)	1	
- 19	2117515	BRACKET, RUDDER TAB CONTROL PULLEY (MAKE FROM S2110259)	1	
		(ATTACHING PARTS)		
- 20	AN3-4	BOLT	2	
- 20A	AN310-3	NUT	2	
		|--|--*--|		
	1115569	BRACKET ASSY, NO. 4 RUDDER HINGE	1	
		(ATTACHING PARTS)		
- 21	AN3-6	BOLT	2	
- 22	AN960D10	WASHER	2	
- 22A	AN310-3	NUT	2	
- 22B	1117514	SHIM	1	
		|--|--*--|		
- 23	MS20200PK4	BEARING, (ALT PN AN200K4)	1	
- 24	1115569-2	BRACKET, NO. 3 RUDDER HINGE	1	
- 25	2115570	SUPPORT, NO. 4 RUDDER HINGE BRACKET (MAKE FROM S133329)	1	
		(DRILL ON INSTL)		
		(ATTACHING PARTS)		
- 26	AN3-5A	BOLT, (SEE T.O. 1C-47-27)	10	
- 26A	AN960D10	WASHER, (SEE T.O. 1C-47-27)	10	
- 26B	MS21044N3	NUT, (ALT PN AN365-1032) (SEE T.O. 1C-47-27)	10	
		|--|--*--|		
- 27	5116314	FRAME ASSY, FUSELAGE STA 623	1	
- 28	5116317	FITTING, STA 623 UPPER	1	
		A 001 THRU 006, 026 THRU 056, 149 THRU 177, 210 THRU 541 AND 555 THRU 558		
		B 007 THRU 025, 057 THRU 148 AND 178 THRU 209		
		C 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

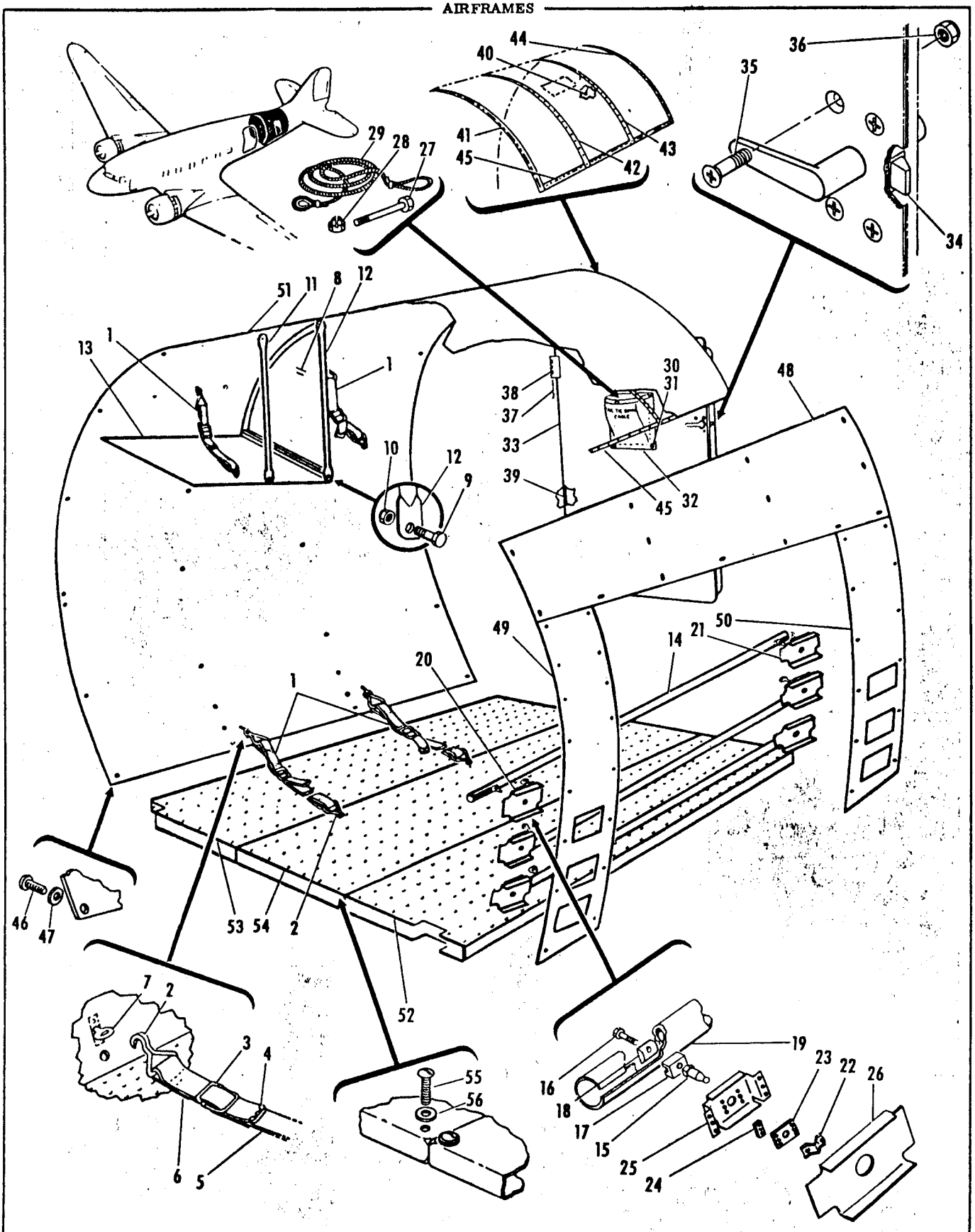

Figure 31. Rear Baggage Compartment

V4-74

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
31	5188864	COMPARTMENT INSTL, REAR BAGGAGE (SEE FIG. 16 FOR NHA)	REF	A
- 1	236251	STRAP ASSY, BAGGAGE AND CARGO HOLDDOWN	4	A
- 2	1116293	HOOK, BAGGAGE STRAP	2	A
- 3	NAF1127-18	BUCKLE ASSY, (ALT PN 1055 (76786))	1	A
- 4	NAF1127-1	TIP, (ALT PN 3 (76786))	1	A
- 5	236251-1	STRAP, BAGGAGE AND CARGO HOLDDOWN	1	A
- 6	236251-2	STRAP, BAGGAGE AND CARGO HOLDDOWN	1	A
- 7	S132942	EYE, BAGGAGE STRAP ATTACH	10	A
	5188896	SHELF INSTL, BAGGAGE COMPARTMENT AUXILIARY	1	A
- 8	2007598-1	CANVAS, AUXILIARY SHELF PARTITION	1	A
- 9	AN3-4A	BOLT	4	A
- 10	MS20365-1032	NUT, (ALT PN AN365-1032)	4	A
- 11	1161065-10	TUBE ASSY, AUXILIARY SHELF SUPPORT	1	A
- 12	1161065-12	TUBE ASSY, AUXILIARY SHELF SUPPORT	1	A
- 13	5188897	SHELF ASSY, BAGGAGE COMPARTMENT AUXILIARY	1	A
	4188521	BAR INSTL, REAR BAGGAGE COMPARTMENT LUGGAGE HOLDING	1	A
- 14	2188520	TUBE ASSY, REAR BAGGAGE COMPARTMENT LUGGAGE HOLDING	3	A
- 15	P112	STUD, (78553)	2	A
- 16	AN3-6A	BOLT	2	A
- 17	2188520-4	SPACER, LUGGAGE HOLDING TUBE (MAKE FROM S1018734-024)	2	A
- 18	2188520-6	SPACER, LUGGAGE HOLDING TUBE (MAKE FROM S130906-024)	2	A
- 19	2188520-2	TUBE, REAR BAGGAGE COMPARTMENT LUGGAGE HOLDING	1	A
- 20	4188877	PLATE ASSY, REAR BAGGAGE COMPARTMENT LUGGAGE HOLDING FORWARD	3	A
- 21	4188880	PLATE ASSY, REAR BAGGAGE COMPARTMENT LUGGAGE HOLDING AFT	3	A
	4188519	BRACKET ASSY, REAR BAGGAGE COMPARTMENT LUGGAGE HOLDING	1	A
- 22	A477-8Z1	CLIP, SPRING (78553)	1	A
- 23	1188518	SOCKET, REAR BAGGAGE COMPARTMENT LUGGAGE HOLDING	1	A
- 24	4188519-4	SHIM, LUGGAGE HOLDING BRACKET	2	A
- 25	4188519-2	BRACKET, LUGGAGE HOLDING	1	A
- 26	4188878	PLATE, REAR BAGGAGE COMPARTMENT LUGGAGE HOLDING FORWARD (USED ON 4188877)	1	A
	4188879	PLATE, REAR BAGGAGE COMPARTMENT LUGGAGE HOLDING AFT (USED ON 4188880)	1	A
- 27	AN5-33	BOLT, (STOW IN HOLDER STA 538)	1	A
- 28	AN310-5	NUT, (STOW IN HOLDER STA 538)	1	A
- 29	236570-1	CABLE ASSY, TAIL MOORING (STOW IN HOLDER STA 538)	1	A
- 30	AN227-22	FASTENER	7	A
- 31	MS21044D08	NUT, (ALT PN AN365D832)	7	A
- 32	146125	HOLDER ASSY, TAIL TIEDOWN CABLE	1	A
- 33	5117314	DOOR ASSY, LAVATORY REAR	1	A
- 34	UD48	LATCH ASSY, (80477) (ATTACHING PARTS)		
- 35	S1049017-8-8	SCREW, SPECIAL INTERIOR FINISH RECESSED HEAD	4	A
- 36	MS21044N08	NUT, (ALT PN AN365-832)	4	A
- 37	S2245042S091-324	PIN, STAINLESS STEEL HINGE (ALT PN S1027965SD91-324)	2	A
- 38	5117314-6	HINGE ASSY, LAVATORY REAR DOOR (MAKE FROM S166093C000-324-050)	2	A
- 39	5188864-26	SEAL, STRIP AIR	1	A
- 40	MS24621-17	SCREW, (ALT PN AN530-6-6)	36	A
- 41	5188864-16	STRIP, REAR BAGGAGE COMPARTMENT COVER ATTACH	1	A
- 42	5188864-18	STRIP, REAR BAGGAGE COMPARTMENT COVER ATTACH	1	A
- 43	5188864-24	STRIP, REAR BAGGAGE COMPARTMENT COVER ATTACH	1	A
- 44	5188864-20	STRIP, REAR BAGGAGE COMPARTMENT COVER ATTACH	1	A
- 45	5188864-22	STRIP, REAR BAGGAGE COMPARTMENT COVER ATTACH	1	A
- 46	MS24621-30	SCREW, (ALT PN AN530-8-8)	94	A
- 47	AN960D10L	WASHER	94	A
- 48	5188864-10	PANEL, REAR BAGGAGE COMPARTMENT VEE BOARD UPPER LH	1	A
- 49	5188864-4	PANEL, REAR BAGGAGE COMPARTMENT VEE BOARD RH	1	A
- 50	5188864-6	PANEL, REAR BAGGAGE COMPARTMENT VEE BOARD LH	1	A
- 51	5188864-8	PANEL, REAR BAGGAGE COMPARTMENT VEE BOARD RH	1	A
	5188838	FLOOR INSTL, REAR BAGGAGE COMPARTMENT	1	A
- 52	4004595	FLOOR ASSY, BAGGAGE COMPARTMENT SIDE LH	1	A
- 53	4004595-1	FLOOR ASSY, BAGGAGE COMPARTMENT SIDE RH	1	A
- 54	4189185	FLOOR ASSY, BAGGAGE COMPARTMENT CENTER (ATTACHING PARTS)	1	A
- 55	MS35206-250	SCREW, (ALT PN AN526-832R20)	24	A
- 56	AN960D8	WASHER	24	A
		A 542 THRU 554		

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

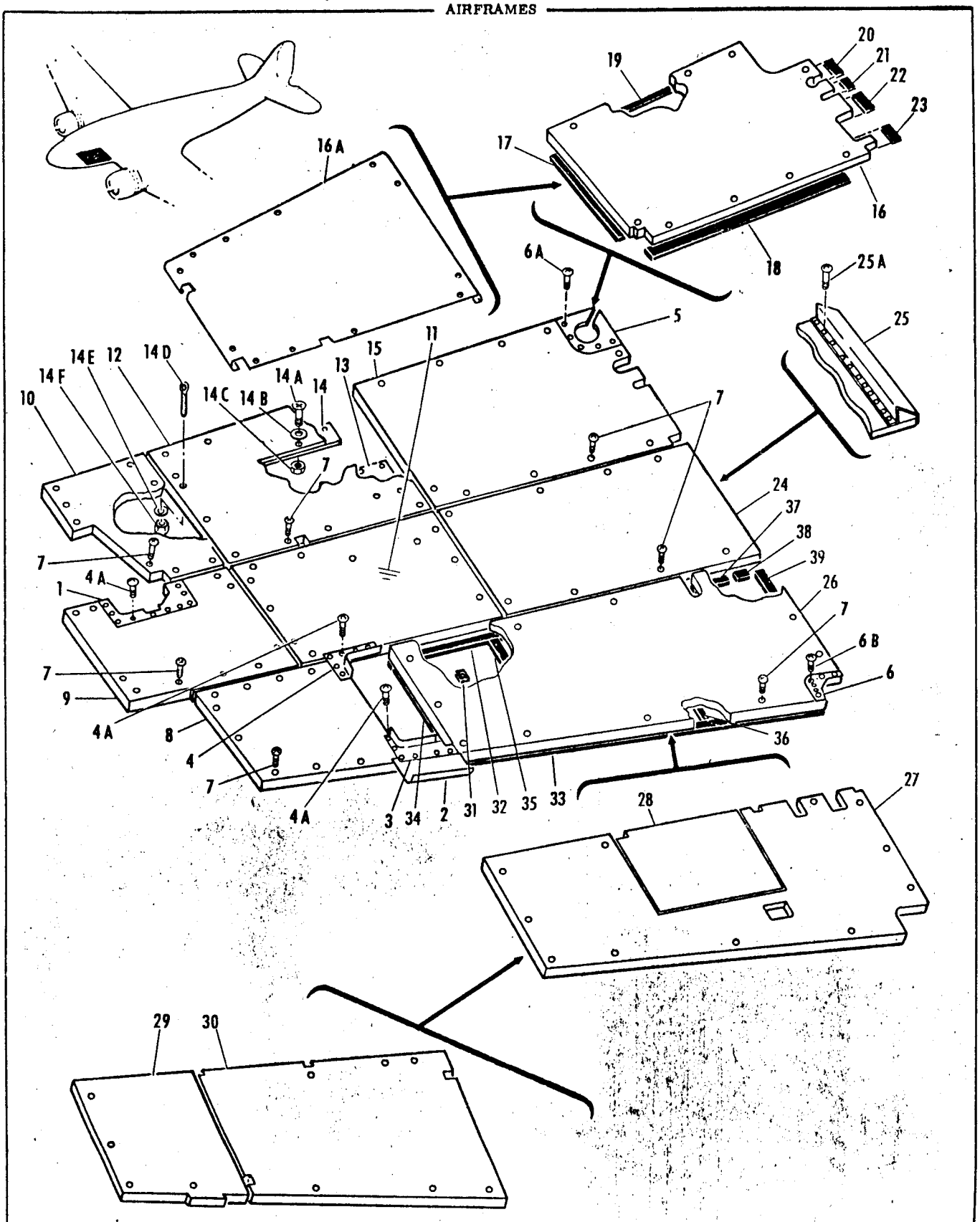

Figure 32. Forward Floor

V4-117

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
32	5110535	FLOOR INSTL, FORWARD (SEE FIG. 16 FOR NHA)	REF	AB
	5142808	FLOOR INSTL, FORWARD (SEE FIG. 16 FOR NHA)	REF	C
	5188327	FLOOR INSTL, FORWARD (SEE FIG. 16 FOR NHA)	REF	D
- 1	2118718	TRIM, OIL PAN STA 86 (DRILL ON INSTL)	1	
- 2	4114892	TRIM, FLOOR STA 103 TO 117 LH (DRILL ON INSTL)	1	
- 3	4114893	TRIM, JUNCTION BOX OUTBOARD (DRILL ON INSTL)	1	
- 4	4114894	TRIM, JUNCTION BOX INBOARD (DRILL ON INSTL)	1	
		(ATTACHING PARTS)		
- 4A	MS24621-43	SCREW, (ALT PN AN530-10-8)	24	
- 5	2114914	TRIM, AIR DUCT FLOOR STA 177 (DRILL ON INSTL)	1	AC
- 6	2114915	TRIM, STREAMLINE FLOOR STA 177 (DRILL ON INSTL)	1	A
		(ATTACHING PARTS)		
- 6A	MS24621-43	SCREW, (ALT PN AN530-10-8) (USED WITH 2114914)	5	AC
- 6B	MS24621-43	SCREW, (ALT PN AN530-10-8) (USED WITH 2114915)	6	A
- 7	MS35207-268	SCREW, (ALT PN AN526-1032-20)	97	AC
	MS35207-268	SCREW, (ALT PN AN526-1032-20)	98	D
- 8	5141134	PANEL ASSY, WOOD FLOOR STA 86 TO 109 LH (ALT PN 5114688)	1	AC
	5114688	PANEL ASSY, FLOOR STA 86 TO 109 LH	1	
- 9	5114815	PANEL ASSY, FLOOR STA 76 TO 103 (ALT PN 5141274)	1	AC
	5141274	PANEL ASSY, WOOD FLOOR STA 76 TO 103	1	
- 10	5141278	PANEL ASSY, WOOD FLOOR STA 86 TO 103 RH (ALT PN 5114727)	1	AC
	5114727	PANEL ASSY, FLOOR STA 86 TO 103 RH	1	
- 11	5114745	PANEL ASSY, FLOOR STA 103 TO 136 (ALT PN 5141132)	1	AC
	5141132	PANEL ASSY, CENTER WOOD FLOOR STA 103 TO 136	1	
- 12	5114728	PANEL ASSY, FLOOR STA 103 TO 136 RH (ALT PN 5141251)	1	AC
	5141251	PANEL ASSY, WOOD FLOOR STA 103 TO 136 RH	1	AC
	5188812	PANEL ASSY, FLOOR STA 103 TO 136 RH	1	D
- 13	5141251-6	PLATE, WOOD FLOOR PANEL	1	AC
- 14	5141251-8	PLATE, WOOD FLOOR PANEL	2	AC
		(ATTACHING PARTS)		
- 14A	AN507R832-20	SCREW, (ALT PN S1087510-8-20)	10	AC
- 14B	S124682-4D14-6	WASHER, (ALT PN S143908-008D028-051)	10	AC
- 14C	MS21044N08	NUT, (ALT PN AN365-832)	10	AC
- 14D	S132942-3	BOLT, BAGGAGE STRAP ATTACHING EYE (USED ON 5188812)	2	D
- 14E	AN960-416	WASHER, (USED ON 5188812)	2	D
- 14F	MS21044N4	NUT, (ALT PN AN365-428) (USED ON 5188812)	2	D
- 15	5114624	PANEL ASSY, FLOOR STA 136 TO 177 RH	1	AB
- 16	5141223	PANEL ASSY, FLOOR STA 136 TO 177 RH	1	D
- 16A	5188799	PANEL ASSY, FLOOR STA 136 TO 177 RH	1	D
- 17	5141223-10	STRIP, FLOOR PANEL	1	C
- 18	5141223-8	STRIP, FLOOR PANEL	1	C
- 19	5141223-12	STRIP, FLOOR PANEL	1	C
- 20	5141223-14	STRIP, FLOOR PANEL	1	C
- 21	5141223-16	STRIP, FLOOR PANEL	1	C
- 22	5141223-18	STRIP, FLOOR PANEL	1	C
- 23	5141223-20	STRIP, FLOOR PANEL	1	C
- 24	5114635	PANEL ASSY, CENTER AISLE STA 136 TO 177	1	AB
	5141295	PANEL ASSY, CENTER AISLE WOOD FLOOR STA 136 TO 177	1	C
	5188786	PANEL ASSY, CENTER AISLE WOOD FLOOR STA 136 TO 177	1	D
- 25	5188786-4	JAMB, DOOR	1	D
		(ATTACHING PARTS)		
- 25A	S2656010-6-6	SCREW, RECESSED FLAT HEAD SHEET METAL (ALT PN S1114189A6-6)	22	D
- 26	5141039	PANEL ASSY, FLOOR STA 117 TO 177 LH (ALT PN 5141541 AND 4115064 WHEN USED TOGETHER OR 5114639)	1	AC
- 27	5141541	PANEL ASSY, FLOOR STA 117 TO 177 LH	1	C
	5114639	PANEL ASSY, FLOOR STA 117 TO 177 LH	1	AB
- 28	4115064	PANEL ASSY, RADIO RECEIVER REMOVABLE FLOOR	1	C
- 29	5188810	PANEL ASSY, FLOOR STA 117 TO 136 LH	1	C
- 30	5188811	PANEL ASSY, FLOOR STA 136 TO 177 LH	1	D
- 31	5141039-22	STRIP, FLOOR PANEL	1	AC
- 32	5141039-8	STRIP, FLOOR PANEL	1	AC
- 33	5141039-16	STRIP, FLOOR PANEL	1	AC
- 34	5141039-18	STRIP, FLOOR PANEL	1	AC
- 35	5141039-24	STRIP, FLOOR PANEL	1	AC
- 36	5141039-20	STRIP, FLOOR PANEL	1	AC
- 37	5141039-10	STRIP, FLOOR PANEL	1	AC
- 38	5141039-12	STRIP, FLOOR PANEL	1	AC
- 39	5141039-14	STRIP, FLOOR PANEL	1	AC

USE CODE:
A 026
B 027
C 001 THRU 025, 028 THRU 541 AND 555 THRU 558
D 542 THRU 554

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

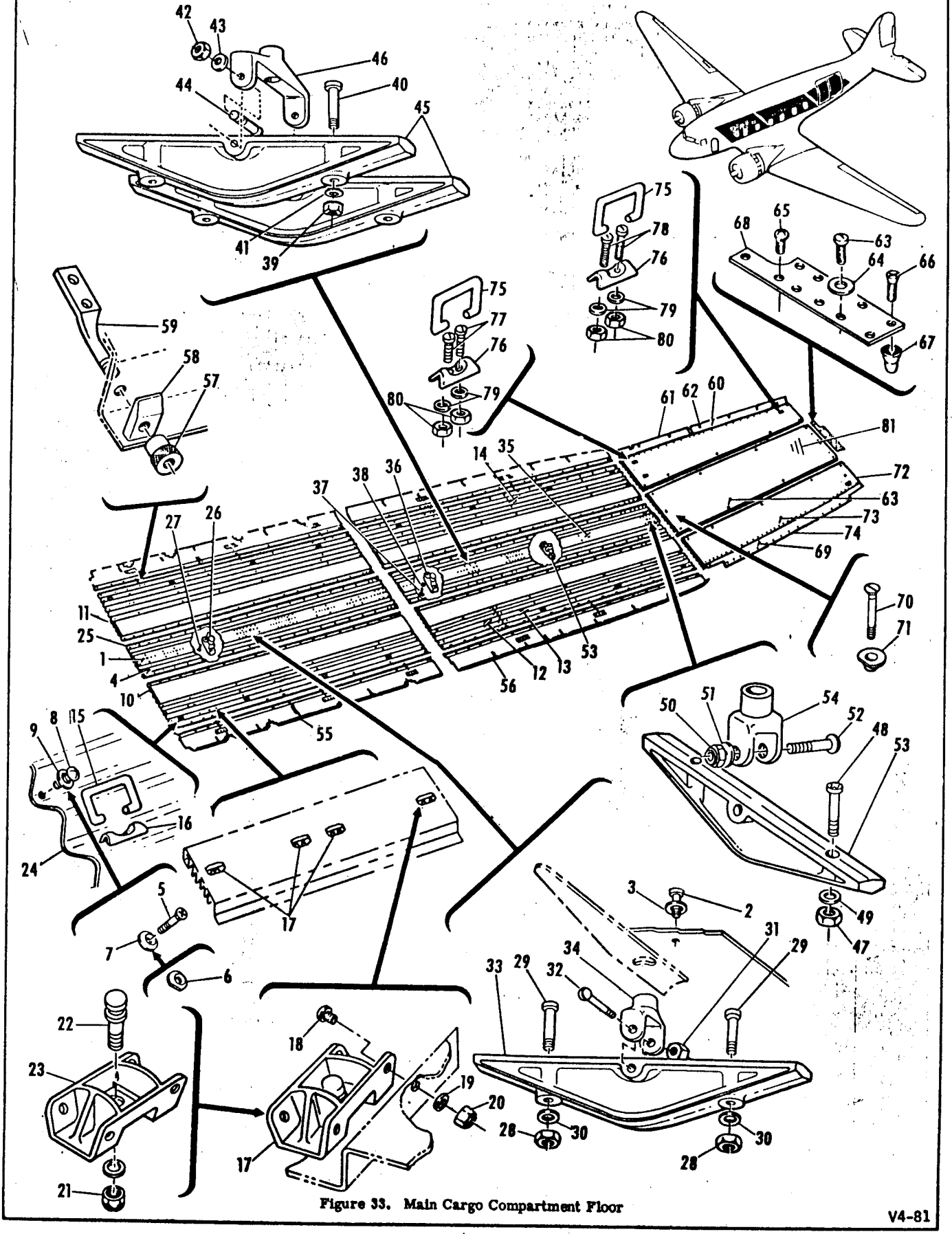

Figure 33. Main Cargo Compartment Floor

V4-81

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
33	5140001	FLOOR INSTL, MAIN CARGO COMPARTMENT (SEE FIG. 16 FOR NHA)	REF	A
	5189568	FLOOR INSTL, MAIN CARGO COMPARTMENT (SEE FIG. 16 FOR NHA)	REF	B
- 1	AN507-1032R44	SCREW	2	AB
- 2	MS35266-70	SCREW, (ALT PN S1027307-10-28)	28	AB
- 3	AN960-416	WASHER	30	AB
- 4	S1113318-12	SCREW, CORRUGATED ATTACH RECESSED HEAD	224	A
- 5	S1130612-10-12	SCREW, SPECIAL THREADED RECESSED OVAL BINDING HEAD	76	A
	AN507-1032R30	SCREW	150	B
- 6	2189645-2	SOCKET, FLOOR HOLDDOWN SCREW	99	B
- 7	2189645-4	SOCKET, FLOOR HOLDDOWN SCREW	51	B
- 8	AN526-1032R30	SCREW	139	B
- 9	S124682-3D10-5	WASHER	139	B
- 10	5113038	PANEL ASSY, INTERMEDIATE FLOOR STA 177 TO 312 LH	1	A
	5189564	PANEL ASSY, FWD CARGO FLOOR STA 177 TO 312 LH	1	B
- 11	5113038-1	PANEL ASSY, INTERMEDIATE FLOOR STA 177 TO 312 RH	1	A
	5189564-1	PANEL ASSY, FWD CARGO FLOOR STA 177 TO 312 RH	1	B
- 12	5114488	PANEL ASSY, INTERMEDIATE FLOOR STA 312 TO 351 LH	1	A
- 13	5114489	PANEL ASSY, INTERMEDIATE FLOOR STA 351 TO 450 LH	1	A
	5189567	PANEL ASSY, CARGO FLOOR STA 312 TO 450 LH	1	B
- 14	5113037	PANEL ASSY, INTERMEDIATE FLOOR STA 312 TO 450 RH	1	A
	5189567-1	PANEL ASSY, CARGO FLOOR STA 312 TO 450 RH	1	B
- 15	1112389	RING, FLOOR TIEDOWN FORGING (USED ON 5113038, -1 AND 5114489)	7	A
	1112389	RING, FLOOR TIEDOWN FORGING (USED ON 5189564 AND -1)	10	B
	1112389	RING, FLOOR TIEDOWN FORGING (USED ON 5114488)	1	A
	1112389	RING, FLOOR TIEDOWN FORGING (USED ON 5189567)	11	B
	1112389	RING, FLOOR TIEDOWN FORGING (USED ON 5113037)	6	A
	1112389	RING, FLOOR TIEDOWN FORGING (USED ON 5189567-1)	9	B
- 16	2112292	FITTING, FLOOR TIEDOWN ATTACH RING (MAKE FROM 2112312) (USED ON 5113038, -1 AND 5114489)	7	A
	2112292	FITTING, FLOOR TIEDOWN ATTACH RING (MAKE FROM 2112312) (USED ON 5189564 AND -1)	10	B
	2112292	FITTING, FLOOR TIEDOWN ATTACH RING (MAKE FROM 2112312) (USED ON 5114488)	1	A
	2112292	FITTING, FLOOR TIEDOWN ATTACH RING (MAKE FROM 2112312) (USED ON 5189567)	11	B
	2112292	FITTING, FLOOR TIEDOWN ATTACH RING (MAKE FROM 2112312) (USED ON 5113037)	6	A
	2112292	FITTING, FLOOR TIEDOWN ATTACH RING (MAKE FROM 2112312) (USED ON 5189567-1)	9	B
- 17	2189600	FITTING ASSY, CANVAS SEAT FLOOR (ATTACHING PARTS)	4	B
- 18	MS35207-264	SCREW, (ALT PN AN520-10-10)	16	B
- 19	AN960-10	WASHER	16	B
- 20	MS21044N3	NUT, (ALT PN AN365-1032)	16	B
- 21	MS21083N6	NUT, (ALT PN AN364-624)	1	B
- 22	2209989	STUD, TROOP BENCH FLOOR	1	B
- 23	4209990	FITTING, TROOP BENCH FLOOR	1	B
- 24	5113038-8	PANEL ASSY, INTERMEDIATE FLOOR STA 177 TO 312 LH (WELDED)	1	A
	5113038-9	PANEL ASSY, INTERMEDIATE FLOOR STA 177 TO 312 RH (WELDED)	1	A
	5114488-8	PANEL ASSY, INTERMEDIATE FLOOR STA 312 TO 351 LH (WELDED)	1	A
	5114489-8	PANEL ASSY, INTERMEDIATE FLOOR STA 351 TO 450 LH (WELDED)	1	A
	5113037-8	PANEL ASSY, INTERMEDIATE FLOOR STA 312 TO 450 RH (WELDED)	1	A

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
33				
- 25	5112642	PANEL ASSY, CENTER FLOOR STA 177 TO 312	1	A
	5189565	PANEL ASSY, CENTER CARGO FLOOR STA 177 TO 312	1	B
- 26	2112582	FITTING, TIEDOWN FRONT (MAKE FROM 2112583)	4	AB
		(ATTACHING PARTS)		
- 27	AN4-5A	BOLT	8	AB
- 28	MS21044N3	NUT, (ALT PN AN365-1032)	6	A
- 29	S1118551	SCREW, 10 X 32 RECESSED HEAD	6	A
	AN3-20A	BOLT	6	B
- 30	AN960-10	WASHER	6	B
- 31	MS21083N6	NUT, (ALT PN AN364-624)	3	AB
- 32	AN26-27A	BOLT	3	AB
- 33	4204372	BEAM, ENGINE TIEDOWN (ALT PN 4112104)	3	A
	4112104	BEAM, ENGINE TIEDOWN (MAKE FROM 4112106)	3	AB
- 34	2112103	LUG, ENGINE TIEDOWN (MAKE FROM 2112105)	3	AB
- 35	5112968	PANEL ASSY, FLOOR STA 312 TO 450 CENTER	1	A
	5189566	PANEL ASSY, CARGO FLOOR STA 312 TO 450 CENTER	1	B
- 36	2112582	FITTING, TIEDOWN FRONT (MAKE FROM 2112583)	2	AB
		(ATTACHING PARTS)		
- 37	AN4-5A	BOLT	4	AB
- 38	AN960-416	WASHER	4	B
- 39	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
- 40	S1118551	SCREW, 10 X 32 RECESSED HEAD	4	A
	AN3-17A	BOLT	4	B
- 41	AN960-10	WASHER	4	B
- 42	MS21083N5	NUT, (ALT PN AN364-524)	2	AB
- 43	AN960-516	WASHER	2	B
- 44	AN509-516R22	SCREW, (ALT PN S1029421-516-22)	2	AB
- 45	4203899	BEAM, ENGINE TIEDOWN STA 351 (ALT PN 4114337)	2	A
	4114337	BEAM, ENGINE TIEDOWN STA 351 (MAKE FROM 4112106)	2	AB
- 46	2114391	LUG, ENGINE TIEDOWN STA 351 (MAKE FROM 2114390)	1	AB
- 47	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
- 48	S1118551	SCREW, 10 X 32 RECESSED HEAD	4	A
	AN3-20A	BOLT	4	B
- 49	AN960-10	WASHER	4	B
- 50	MS21083N6	NUT, (ALT PN AN364-624)	2	AB
- 51	AN960-616	WASHER	4	B
- 52	AN26-27A	BOLT	2	AB
- 53	4204372	BEAM, ENGINE TIEDOWN (ALT FOR 4112104)	2	A
	4112104	BEAM, ENGINE TIEDOWN (MAKE FROM 4112106)	2	AB
- 54	2112103	LUG, ENGINE TIEDOWN (MAKE FROM 2112105)	2	AB
- 55	5113649	TRIM ASSY, FLOOR STA 177 TO 312 LH	1	AB
	5113649-1	TRIM ASSY, FLOOR STA 177 TO 312 RH	1	AB
- 56	5113650	TRIM ASSY, FLOOR STA 312 TO 450 LH	1	AB
	5113650-1	TRIM ASSY, FLOOR STA 312 TO 450 RH	1	AB
- 57	1113418	NUT, BENCH CLAMP THUMB	3	AB
- 58	1113417	CLAMP, BENCH	3	AB
- 59	1113376	STUD, BENCH HOLDDOWN	3	AB

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
33				
	5139858	FLOOR INSTL, CARGO LOADING STA 450 TO 538	1	AB
- 60	MS24621-43	SCREW, (ALT PN AN530-10-8)	19	AB
- 61	5140719	TRIM, FLOOR STA 450 TO 479	1	AB
- 62	5140014	TRIM, LARGE CARGO DOOR FLOOR STA 492 TO 538	1	AB
- 63	AN526-1032R30	SCREW	12	AB
- 64	S124682-3D10-051	WASHER	12	AB
- 65	MS35207-264	SCREW, (ALT PN AN526-1032-12)	4	AB
- 66	6981	LOCKSKRU ASSY, (17875)	4	AB
- 67	6759-1	PLUG, (17875)	4	AB
- 68	3114341	PLATE, CARGO FLOOR WEAR STA 538	1	AB
- 69	AN507-1032R10	SCREW	18	AB
- 70	AN507-1032R30	SCREW	24	AB
- 71	2189645-4	SOCKET, FLOOR HOLDDOWN SCREW	17	AB
- 72	5139859	PANEL ASSY, FLOOR STA 450 TO 538 OUTER LH	1	AB
	5139859-1	PANEL ASSY, FLOOR STA 450 TO 538 OUTER RH	1	AB
- 73	S2656010-10-6	SCREW, 100 DEGREE RECESSED FLAT HEAD (ALT PN S1114189Z10-6)	25	AB
- 74	5139859-4	SILL, OUTER PANEL FLOOR DOOR (LH ONLY)	1	AB
- 75	1112389	RING, FLOOR TIEDOWN FORGING (RH ONLY)	3	AB
- 76	2112292	FITTING, FLOOR TIEDOWN ATTACH RING (RH ONLY)	3	AB
		(ATTACHING PARTS)		
- 77	MS35266-64	SCREW, (ALT PN AN501-10-10)	4	AB
- 78	MS35266-66	SCREW, (ALT PN AN501-10-14)	2	AB
- 79	AN960D10	WASHER	6	AB
- 80	MS21044N3	NUT, (ALT PN AN365-1032)	6	AB
- 81	5114042	PANEL ASSY, FLOOR STA 450 TO 538 CENTER	1	AB
		A 001 THRU 172, 174, 175, 178 THRU 403, 528 THRU 536 AND 555 THRU 558		
		B 173, 176, 177, 404 THRU 527 AND 537 THRU 541		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

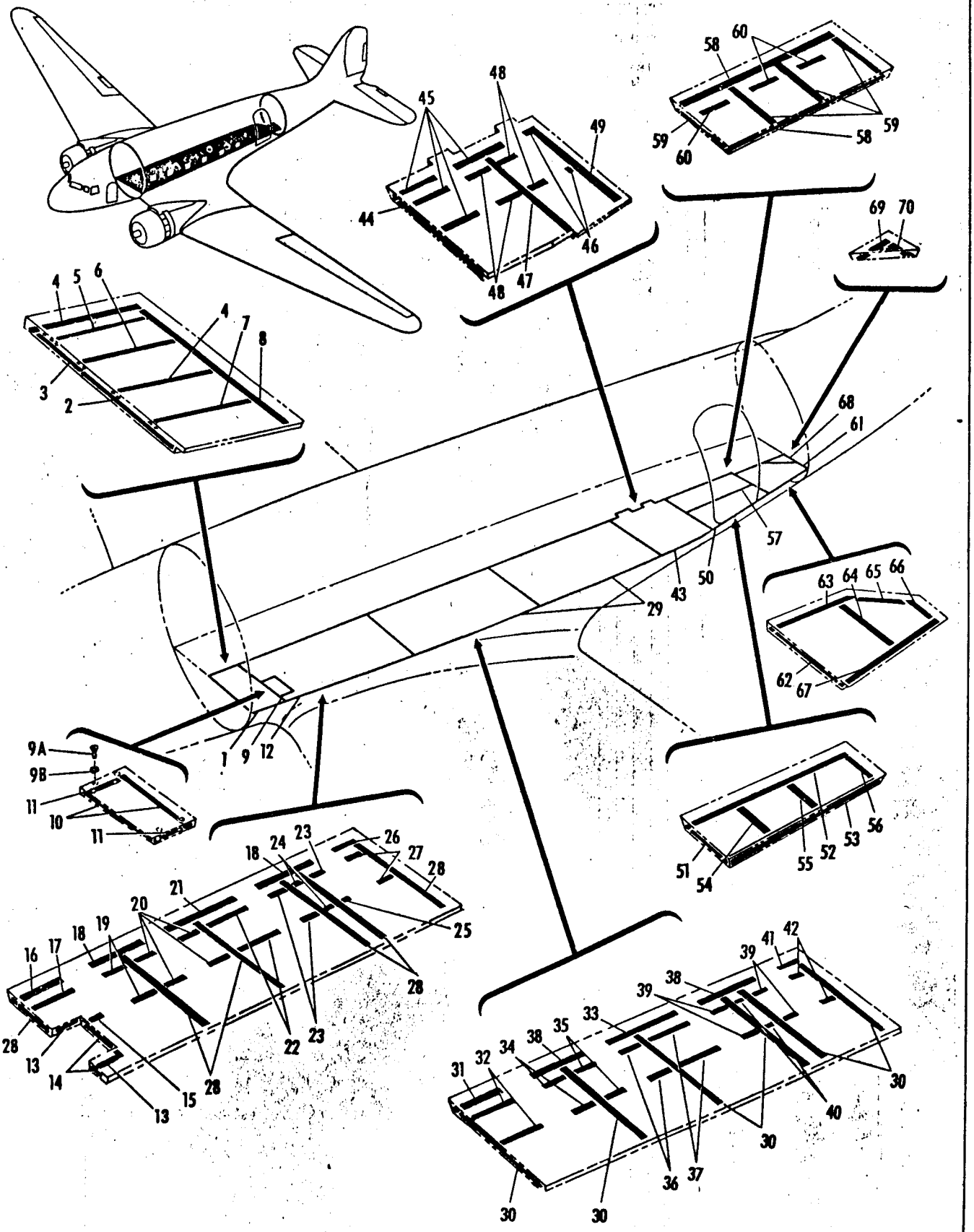

Figure 34. Cabin Floor

V4-76

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
34	5188326	FLOOR INSTL, CABIN (SEE FIG. 16 FOR NHA)	REF	A
- 1	5018500	PANEL ASSY, FLOOR STA 177 TO 195	1	A
- 2	5018500-5	STRIP, FLOOR PANEL RUBBER	1	A
- 3	5018500-4	STRIP, FLOOR PANEL RUBBER	1	A
- 4	5018500-2	STRIP, FLOOR PANEL RUBBER	2	A
- 5	5018500-6	STRIP, FLOOR PANEL RUBBER	1	A
- 6	5018500-10	STRIP, FLOOR PANEL RUBBER	1	A
- 7	5018500-8	STRIP, FLOOR PANEL RUBBER	1	A
- 8	5018500-3	STRIP, FLOOR PANEL RUBBER	1	A
- 9	2020840	PANEL ASSY, CABIN FLOOR INSPECTION STA 195	1	A
		(ATTACHING PARTS)		
- 9A	AN507-1032R18	SCREW, (ALT PN S1087510-10-18)	4	A
- 9B	AN960A10	WASHER	4	A
- 10	2020840-2	STRIP, CABIN FLOOR INSPECTION PANEL RUBBER	2	A
- 11	2020840-3	STRIP, CABIN FLOOR INSPECTION PANEL RUBBER	2	A
- 12	5188641	PANEL ASSY, FLOOR STA 195 TO 273	1	A
- 13	5188641-12	STRIP, FLOOR PANEL RUBBER	2	A
- 14	5188641-10	STRIP, FLOOR PANEL RUBBER	2	A
- 15	5188641-8	STRIP, FLOOR PANEL RUBBER	1	A
- 16	5188641-17	STRIP, FLOOR PANEL RUBBER	1	A
- 17	5188641-18	STRIP, FLOOR PANEL RUBBER	1	A
- 18	5188641-19	STRIP, FLOOR PANEL RUBBER	2	A
- 19	5188641-16	STRIP, FLOOR PANEL RUBBER	2	A
- 20	5188641-9	STRIP, FLOOR PANEL RUBBER	4	A
- 21	5188641-3	STRIP, FLOOR PANEL RUBBER	1	A
- 22	5188641-6	STRIP, FLOOR PANEL RUBBER	2	A
- 23	5188641-7	STRIP, FLOOR PANEL RUBBER	3	A
- 24	5188641-5	STRIP, FLOOR PANEL RUBBER	2	A
- 25	5188641-4	STRIP, FLOOR PANEL RUBBER	1	A
- 26	5188641-15	STRIP, FLOOR PANEL RUBBER	1	A
- 27	5188641-11	STRIP, FLOOR PANEL RUBBER	2	A
- 28	5188641-2	STRIP, FLOOR PANEL RUBBER	6	A
- 29	5188638	PANEL ASSY, FLOOR STA 273 TO 429	2	A
- 30	5188638-2	STRIP, FLOOR PANEL RUBBER	6	A
- 31	5188638-15	STRIP, FLOOR PANEL RUBBER	1	A
- 32	5188638-8	STRIP, FLOOR PANEL RUBBER	2	A
- 33	5188638-3	STRIP, FLOOR PANEL RUBBER	1	A
- 34	5188638-14	STRIP, FLOOR PANEL RUBBER	2	A
- 35	5188638-7	STRIP, FLOOR PANEL RUBBER	2	A
- 36	5188638-9	STRIP, FLOOR PANEL RUBBER	2	A
- 37	5188638-6	STRIP, FLOOR PANEL RUBBER	2	A
- 38	5188638-16	STRIP, FLOOR PANEL RUBBER	2	A
- 39	5188638-4	STRIP, FLOOR PANEL RUBBER	4	A
- 40	5188638-5	STRIP, FLOOR PANEL RUBBER	2	A
- 41	5188638-13	STRIP, FLOOR PANEL RUBBER	1	A
- 42	5188638-10	STRIP, FLOOR PANEL RUBBER	2	A
- 43	5188639	PANEL ASSY, FLOOR STA 429 TO 465	1	A
- 44	5188639-4	STRIP, FLOOR PANEL RUBBER	1	A
- 45	5188639-5	STRIP, FLOOR PANEL RUBBER	4	A
- 46	5188639-7	STRIP, FLOOR PANEL RUBBER	3	A
- 47	5188639-3	STRIP, FLOOR PANEL RUBBER	1	A
- 48	5188639-6	STRIP, FLOOR PANEL RUBBER	4	A
- 49	5188639-2	STRIP, FLOOR PANEL RUBBER	1	A
- 50	5013014	PANEL ASSY, BUFFET FLOOR STA 465 TO 510	1	A
- 51	5013014-6	STRIP, BUFFET FLOOR PANEL RUBBER	1	A
- 52	5013014-5	STRIP, BUFFET FLOOR PANEL RUBBER	1	A
- 53	5013014-2	STRIP, BUFFET FLOOR PANEL RUBBER	1	A
- 54	5013014-7	STRIP, BUFFET FLOOR PANEL RUBBER	1	A
- 55	5013014-3	STRIP, BUFFET FLOOR PANEL RUBBER	1	A
- 56	5013014-4	STRIP, BUFFET FLOOR PANEL RUBBER	1	A
- 57	5010828	PANEL ASSY, FLOOR STA 465 TO 510	1	A
- 58	5010828-3	STRIP, FLOOR PANEL RUBBER	2	A
- 59	5010828-2	STRIP, FLOOR PANEL RUBBER	4	A
- 60	5010828-5	STRIP, FLOOR PANEL RUBBER	3	A
- 61	5324088	PANEL ASSY, BUFFET FLOOR STA 510 TO 538	1	A
- 62	5324088-8	STRIP, BUFFET FLOOR PANEL RUBBER	1	A
- 63	5324088-6	STRIP, BUFFET FLOOR PANEL RUBBER	1	A
- 64	5324088-10	STRIP, BUFFET FLOOR PANEL RUBBER	1	A
- 65	5324088-4	STRIP, BUFFET FLOOR PANEL RUBBER	1	A
- 66	5324088-14	STRIP, BUFFET FLOOR PANEL RUBBER	1	A
- 67	5324088-12	STRIP, BUFFET FLOOR PANEL RUBBER	1	A
- 68	4324087	PANEL ASSY, BUFFET FLOOR ACCESS	1	A
- 69	4324087-4	STRIP, BUFFET FLOOR ACCESS PANEL RUBBER	1	A
- 70	4324087-6	STRIP, BUFFET FLOOR ACCESS PANEL RUBBER	1	A
		A 542 THRU 554		

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

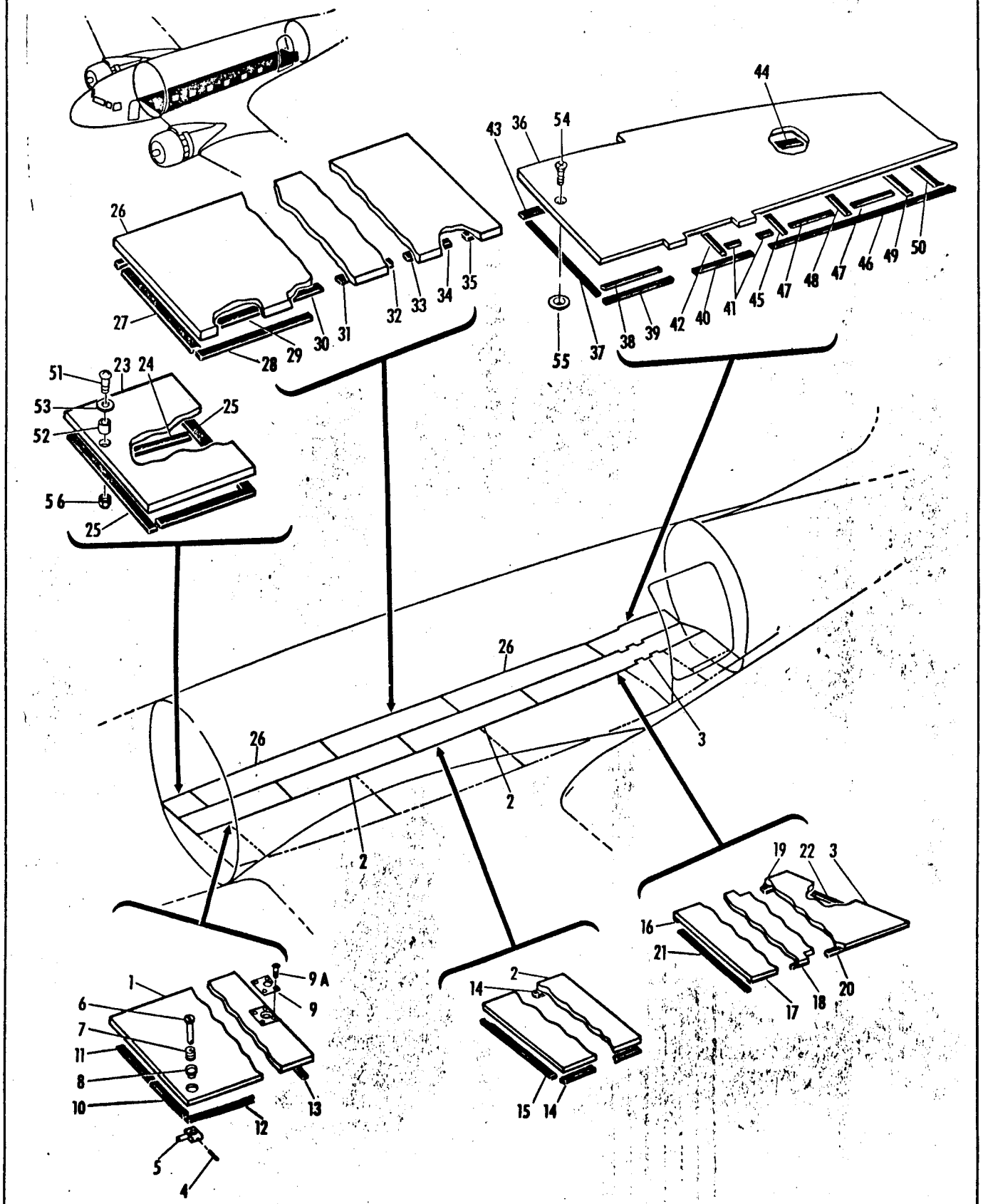

Figure 35. Cabin Floor

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FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
35	5188326	FLOOR INSTL, CABIN (SEE FIG. 16 FOR NHA)	REF	A
- 1	5010829	PANEL ASSY, AISLE STA 177 TO 234	1	A
- 2	5010830	PANEL ASSY, AISLE STANDARD SECTION STA 234 TO 390	2	A
- 3	5188637	PANEL ASSY, AISLE STA 390 TO 510	1	A
- 4	S146142-095-016	PIN, (USED ON 5010829)	10	A
	S146142-095-016	PIN, (USED ON 5010830)	12	A
	S146142-095-016	PIN, (USED ON 5188637)	15	A
- 5	1013124	ARM, CABIN FLOOR FASTENER (USED ON 5010829)	10	A
	1013124	ARM, CABIN FLOOR FASTENER (USED ON 5010830)	12	A
	1013124	ARM, CABIN FLOOR FASTENER (USED ON 5188637)	15	A
- 6	1013125	SCREW, CABIN FLOOR FASTENER (USED ON 5010829)	10	A
	1013125	SCREW, CABIN FLOOR FASTENER (USED ON 5010830)	12	A
	1013125	SCREW, CABIN FLOOR FASTENER (USED ON 5188637)	15	A
- 7	1012093	SPRING, CABIN FLOOR FASTENER (USED ON 5010829)	10	A
	1012093	SPRING, CABIN FLOOR FASTENER (USED ON 5010830)	12	A
	1012093	SPRING, CABIN FLOOR FASTENER (USED ON 5188637)	15	A
- 8	1044808	RETAINER, CABIN FLOOR FASTENER (USED ON 5010829)	10	A
	1044808	RETAINER, CABIN FLOOR FASTENER (USED ON 5010830)	12	A
	1044808	RETAINER, CABIN FLOOR FASTENER (USED ON 5188637)	15	A
- 9	1339085	PLATE, FLUSH PULL (USED ON 5010829 AND 5010830)	1	A
		(ATTACHING PARTS)		
- 9A	AN550-6R3	SCREW, (ALT PN AN550-6-3)	4	A
- 10	5010829-4	STRIP, AISLE PANEL	1	A
- 11	5010829-5	STRIP, AISLE PANEL	1	A
- 12	5010829-2	STRIP, AISLE PANEL	2	A
- 13	5010829-3	STRIP, AISLE PANEL	3	A
- 14	5010830-3	STRIP, AISLE PANEL	2	A
- 15	5010830-2	STRIP, AISLE PANEL	6	A
- 16	5188637-5	STRIP, AISLE PANEL	1	A
- 17	5188637-2	STRIP, AISLE PANEL	1	A
- 18	5188637-6	STRIP, AISLE PANEL	2	A
- 19	5188637-8	STRIP, AISLE PANEL	1	A
- 20	5188637-7	STRIP, AISLE PANEL	1	A
- 21	5188637-3	STRIP, AISLE PANEL	7	A
- 22	5188637-4	STRIP, AISLE PANEL	1	A
- 23	5010823	PANEL ASSY, FLOOR STA 177 TO 195 RH	1	A
- 24	5010823-2	STRIP, FLOOR PANEL	4	A
- 25	5010823-3	STRIP, FLOOR PANEL	2	A
- 26	5188640	PANEL ASSY, FLOOR STANDARD SECTION RH	3	A
- 27	5188640-3	STRIP, FLOOR PANEL	6	A
- 28	5188640-2	STRIP, FLOOR PANEL	1	A
- 29	5188640-11	STRIP, FLOOR PANEL	1	A
- 30	5188640-10	STRIP, FLOOR PANEL	1	A
- 31	5188640-4	STRIP, FLOOR PANEL	2	A
- 32	5188640-9	STRIP, FLOOR PANEL	1	A
- 33	5188640-8	STRIP, FLOOR PANEL	1	A
- 34	5188640-7	STRIP, FLOOR PANEL	1	A
- 35	5188640-6	STRIP, FLOOR PANEL	1	A
- 36	5188642	PANEL ASSY, FLOOR STA 429 TO 496 RH	1	A
- 37	5188642-7	STRIP, FLOOR PANEL	1	A
- 38	5188642-13	STRIP, FLOOR PANEL	1	A
- 39	5188642-14	STRIP, FLOOR PANEL	1	A
- 40	5188642-15	STRIP, FLOOR PANEL	1	A
- 41	5188642-16	STRIP, FLOOR PANEL	1	A
- 42	5188642-6	STRIP, FLOOR PANEL	1	A
- 43	5188642-8	STRIP, FLOOR PANEL	1	A
- 44	5188642-9	STRIP, FLOOR PANEL	1	A
- 45	5188642-1	STRIP, FLOOR PANEL	1	A
- 46	5188642-5	STRIP, FLOOR PANEL	1	A
- 47	5188642-12	STRIP, FLOOR PANEL	2	A
- 48	5188642-3	STRIP, FLOOR PANEL	1	A
- 49	5188642-10	STRIP, FLOOR PANEL	1	A
- 50	5188642-2	STRIP, FLOOR PANEL	1	A
- 51	AN526-1032R18	SCREW	13	A
- 52	1026099-1	SPACER, PASSENGER SEAT FLOOR	13	A
- 53	AN970-3	WASHER	13	A
- 54	AN507-1032R18	SCREW	189	A
- 55	2189645-4	SOCKET, FLOOR HOLDDOWN SCREW	189	A
- 56	MS21044N3	NUT, (ALT PN AN365-1032)	50	A
		A 542 THRU 554		

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

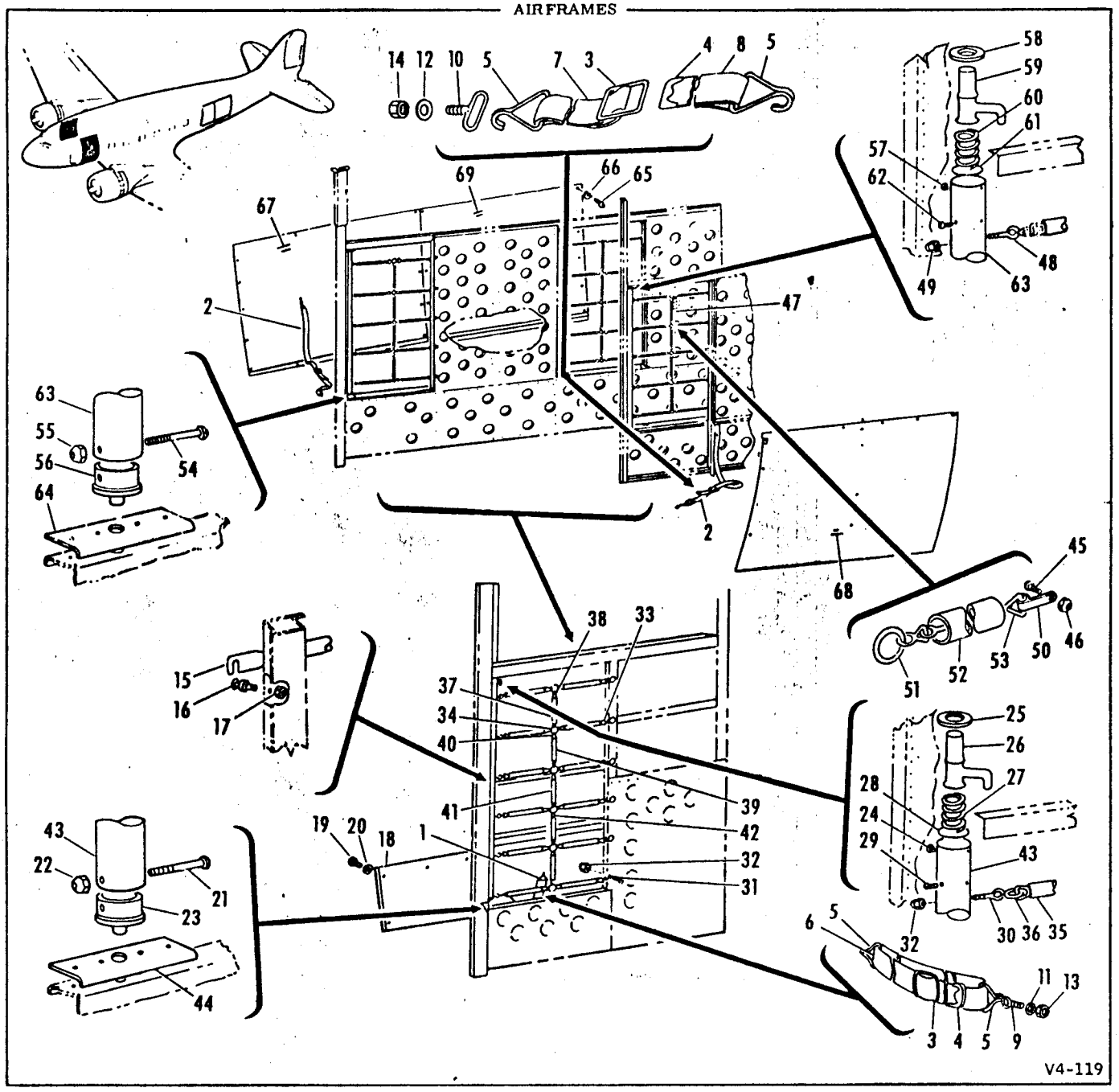

Figure 36. Forward Baggage Compartment

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
36	5110537	COMPARTMENT INSTL, FORWARD BAGGAGE RH (SEE FIG. 16 FOR NHA)	REF	AB
	5188330	COMPARTMENT INSTL, FORWARD BAGGAGE (SEE FIG. 16 FOR NHA)	REF	C
- 1	2116273	STRAP ASSY, CARGO HOLDDOWN	2	AB
- 2	236251	STRAP ASSY, BAGGAGE AND CARGO HOLDDOWN	4	C
- 3	NAF1127-20	BUCKLE, (ALT PN 1055 (76786))	1	
- 4	3	TIP, CARGO STRAP NICKEL PLATE 1-1/2 IN. (76786)	1	
- 5	1116293	HOOK, BAGGAGE STRAP	2	
- 6	2116273-2	STRAP, CARGO HOLDDOWN	1	AB
- 7	236251-2	STRAP, BAGGAGE AND CARGO HOLDDOWN	1	C
- 8	236251-1	STRAP, BAGGAGE AND CARGO HOLDDOWN	1	C
- 9	S132942	EYEBOLT, BAGGAGE STRAP ATTACH	4	AB
- 10	S132942-3	EYEBOLT, BAGGAGE STRAP ATTACH	8	C

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
	CONTINUED			
36				
- 11	AN960D416	WASHER	4	AB
- 12	AN960-416	WASHER	6	C
- 13	MS21044N4	NUT, (ALT PN AN365-428)	4	AB
- 14	MS21044N4	NUT, (ALT PN AN365-428)	6	C
- 15	2115041	BAR ASSY, CARGO COMPARTMENT BIN	2	A
- 16	1115040	STUD, CARGO COMPARTMENT BIN BAR SUPPORT	4	A
- 17	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
- 18	5110537-32	PLATE, FORWARD BAGGAGE COMPARTMENT KICK	1	AB
		(ATTACHING PARTS)		
- 19	MS24621-17	SCREW, (ALT PN AN530-6-6)	84	AB
- 20	AN960-6	WASHER	84	AB
		--1--*--1--		
	5115175	DOOR INSTL, FORWARD BAGGAGE COMPARTMENT CHAIN RH	1	A
	5115175-32	DOOR ASSY, FORWARD BAGGAGE COMPARTMENT CHAIN RH	1	A
- 21	MS35206-251	SCREW, (ALT PN AN515-8-24)	1	A
- 22	MS21044N08	NUT, (ALT PN AN365-832)	1	A
- 23	1115136	PIVOT, FORWARD BAGGAGE CHAIN DOOR (DRILL ON INSTL)	1	A
- 24	MS21318-28	SCREW, (ALT PN AN535-6-5)	3	A
- 25	5115175-4	CAP, FORWARD BAGGAGE COMPARTMENT DOOR TUBE	1	A
- 26	1115476	BOLT ASSY, FORWARD BAGGAGE CHAIN DOOR	1	A
- 27	1115137	SPRING, FORWARD BAGGAGE CHAIN DOOR BOLT	1	A
- 28	5115175-6	WASHER, FORWARD BAGGAGE COMPARTMENT DOOR BLANK	1	A
- 29	MS24621-17	SCREW, (ALT PN AN530-6-6)	3	A
	5115175-30	DOOR ASSY, FORWARD BAGGAGE COMPARTMENT (WELDED)	1	A
- 30	1131032	EYEBOLT, 1/4 X 8 X 32	6	A
- 31	MS35206-244	SCREW, (ALT PN AN526-8-7)	6	A
- 32	MS21044N08	NUT, (ALT PN AN365-832)	12	A
- 33	5115175-8	LINK, FORWARD BAGGAGE DOOR CHAIN	6	A
- 34	5115175-28	RING, FORWARD BAGGAGE DOOR CHAIN	12	A
- 35	5115175-10	HOSE, FORWARD BAGGAGE DOOR CHAIN	12	A
- 36	5115175-20	CHAIN ASSY, FORWARD BAGGAGE DOOR	12	A
- 37	5115175-12	HOSE, FORWARD BAGGAGE DOOR CHAIN	1	A
- 38	5115175-22	CHAIN ASSY, FORWARD BAGGAGE DOOR	1	A
- 39	5115175-14	HOSE, FORWARD BAGGAGE DOOR CHAIN	1	A
- 40	5115175-24	CHAIN ASSY, FORWARD BAGGAGE DOOR	1	A
- 41	5115175-18	HOSE, FORWARD BAGGAGE DOOR CHAIN	3	A
- 42	5115175-26	CHAIN ASSY, FORWARD BAGGAGE DOOR	3	A
- 43	5115175-16	TUBE, FORWARD BAGGAGE COMPARTMENT CHAIN DOOR	1	A
- 44	5115175-2	PLATE, FORWARD BAGGAGE DOOR	2	A
	5188853	WALL INSTL, FORWARD BAGGAGE COMPARTMENT LH	1	C
	5188852	WALL INSTL, FORWARD BAGGAGE COMPARTMENT RH	1	C
	5160544	DOOR INSTL, FORWARD BAGGAGE CHAIN (SPARE PARTS ASSY 1189217)	1	C
- 45	MS35206-247 *	SCREW, (ALT PN AN526-832R12)	6	C
- 46	MS21044N08 *	NUT, (ALT PN AN365-832)	6	C
- 47	5160544-10 *	DOOR ASSY, FORWARD BAGGAGE COMPARTMENT CHAIN (WELDED)	1	C
- 48	1032587	EYEBOLT, 1/4 X 8 X 32	5	C
- 49	MS21044N08	NUT, (ALT PN AN365-832)	5	C
- 50	5160544-8	LINK, BAGGAGE COMPARTMENT CHAIN DOOR	6	C
- 51	5160544-12	RING, BAGGAGE COMPARTMENT DOOR CHAIN	10	C
- 52	5160544-14	HOSE, BAGGAGE DOOR CHAIN RUBBER	14	C
- 53	5160544-16	CHAIN ASSY, BAGGAGE DOOR	14	C
- 54	MS35206-252	SCREW, (ALT PN AN515-8-28)	1	C
- 55	MS21044N08	NUT, (ALT PN AN365-832)	1	C
- 56	1032552	PIVOT, FORWARD BAGGAGE CHAIN DOOR (DRILL ON INSTL)	1	C
- 57	MS21318-28	SCREW, (ALT PN AN535-6-5)	3	C
- 58	5160544-4	CAP, BAGGAGE DOOR TUBE	1	C
- 59	1032551	BOLT ASSY, FORWARD BAGGAGE CHAIN DOOR	1	C
- 60	1032550	SPRING, FORWARD BAGGAGE CHAIN DOOR BOLT	1	C
- 61	S124681D17-032	DISC	1	C
- 62	MS24621-17	SCREW, (ALT PN AN530-6-6)	3	C
- 63	5160544-18	TUBE, FORWARD BAGGAGE COMPARTMENT CHAIN DOOR	1	C
- 64	5160544-2 *	PLATE, BAGGAGE CHAIN DOOR BEARING	2	C
- 65	MS24621-30	SCREW, (ALT PN AN530-8-8)	37	C
- 66	AN960D8L	WASHER, (ALT PN AN960A8L)	37	C
- 67	5188330-4	PANEL, FORWARD BAGGAGE COMPARTMENT SIDE RH	1	C
- 68	5188330-2	PANEL, FORWARD BAGGAGE COMPARTMENT SIDE LH	1	C
- 69	5188330-3	PANEL, FORWARD BAGGAGE COMPARTMENT SIDE RH	1	C
		A 001, 002 AND 026		
		B 003 THRU 025, 027 THRU 541 AND 555 THRU 558		
		C 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		
		* NOT FURNISHED WITH SPARE PARTS ASSEMBLY 1189217		

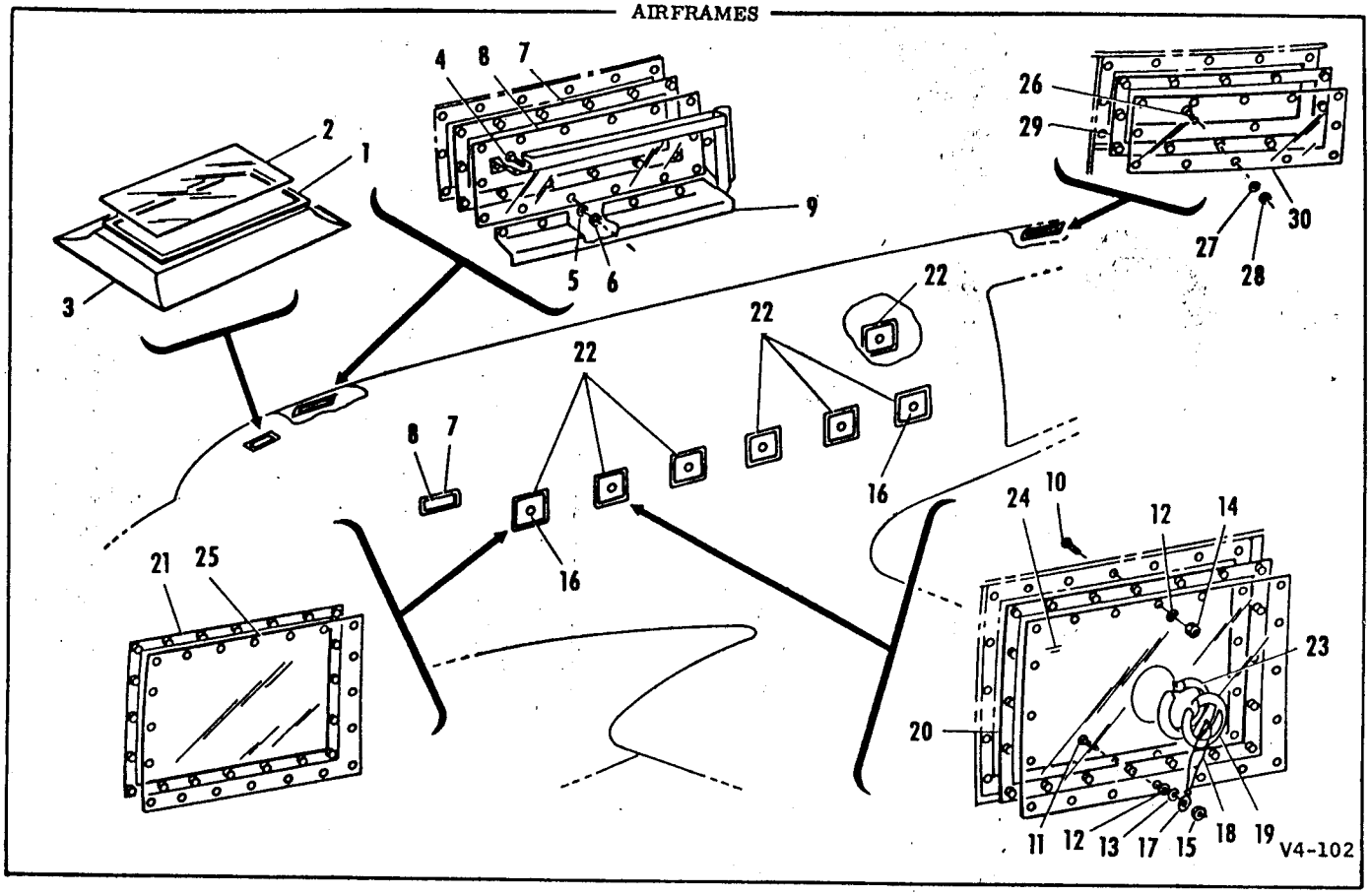

Figure 37. Cabin Window

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
37	5110542	WINDOW INSTL, CABIN (SEE FIG. 203 FOR NHA)	REF	A
	5188284	WINDOW INSTL, CABIN (SEE FIG. 204 FOR NHA)	REF	B
- 1	S2005009-5	STRIP, WINDOW GLASS RETAINING	1	B
- 2	2015821	GLASS, LAVATORY WINDOW	1	B
- 3	2007901-6	FRAME ASSY, SKYLIGHT (WELDED)	1	B
- 4	10	SCREW, RECESSED STOVE HEAD LENGTH 3/4 IN. (77545)	28	A
- 5		WASHER, (PN S143908-006SR018-062)	28	A
- 6	171-10Z	NUT, (78553)	28	A
- 7	2114498	STRIP, RADIO COMPARTMENT WINDOW PANEL SEALING	2	A
- 8	2114495	PANE, RADIO COMPARTMENT WINDOW	2	A
- 9	4141695	FRAME, CABIN BLANKET MOUNTING (RH ONLY)	1	A
- 10	AS24617-33	SCREW, RECESSED STOVE HEAD LENGTH 3/4 IN. (77545)	512	B
- 11	AN23-10A	BOLT	13	A
- 12		WASHER, (PN S143908-006SR018-062)	260	A
		WASHER, (PN S143908-006SR018-062)	280	B
- 13	AN960D10	WASHER, (ALT PN 940D316)	13	A
- 14	171-10Z	NUT, (78553)	247	A
	171-10Z	NUT, (78553)	280	B
- 15	MS21044D3	NUT, (ALT PN AN365D1032)	13	A
- 16	2141393	CAP ASSY, MAIN CABIN GUN PORT	13	A
- 17	YAEV10	TERMINAL, (09922) (ALT PN C25 (59730))	1	A
- 18	2141393-2	CORD, MAIN CABIN GUN PORT CAP	1	A
- 19	S2114738	CAP, MAIN CABIN GUN PORT	1	A
- 20	S2114497	STRIP, MAIN CABIN WINDOW PANE SEALING	13	A
- 21	S2114497	STRIP, MAIN CABIN WINDOW PANE SEALING	14	B
- 22	4114562	PANE ASSY, MAIN CABIN WINDOW	13	A
- 23	2114695	STRIP, MAIN CABIN WINDOW GUN PORT RETAINING	1	A
- 24	4114562-2	PANE, MAIN CABIN WINDOW	1	A
- 25	4188824	PANE, MAIN CABIN WINDOW	14	B
- 26	10	SCREW, RECESSED STOVE HEAD LENGTH 3/4 IN. (77545)	12	A
- 27		WASHER, (PN S143908-006SR018-062)	12	A
- 28	171-10Z	NUT, (78553)	12	A
- 29	2114499	STRIP, LAVATORY WINDOW PANE SEALING	1	A
- 30	2114496	PANE, LAVATORY WINDOW	1	A
		A 001 THRU 541 AND 555 THRU 558		
		B 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

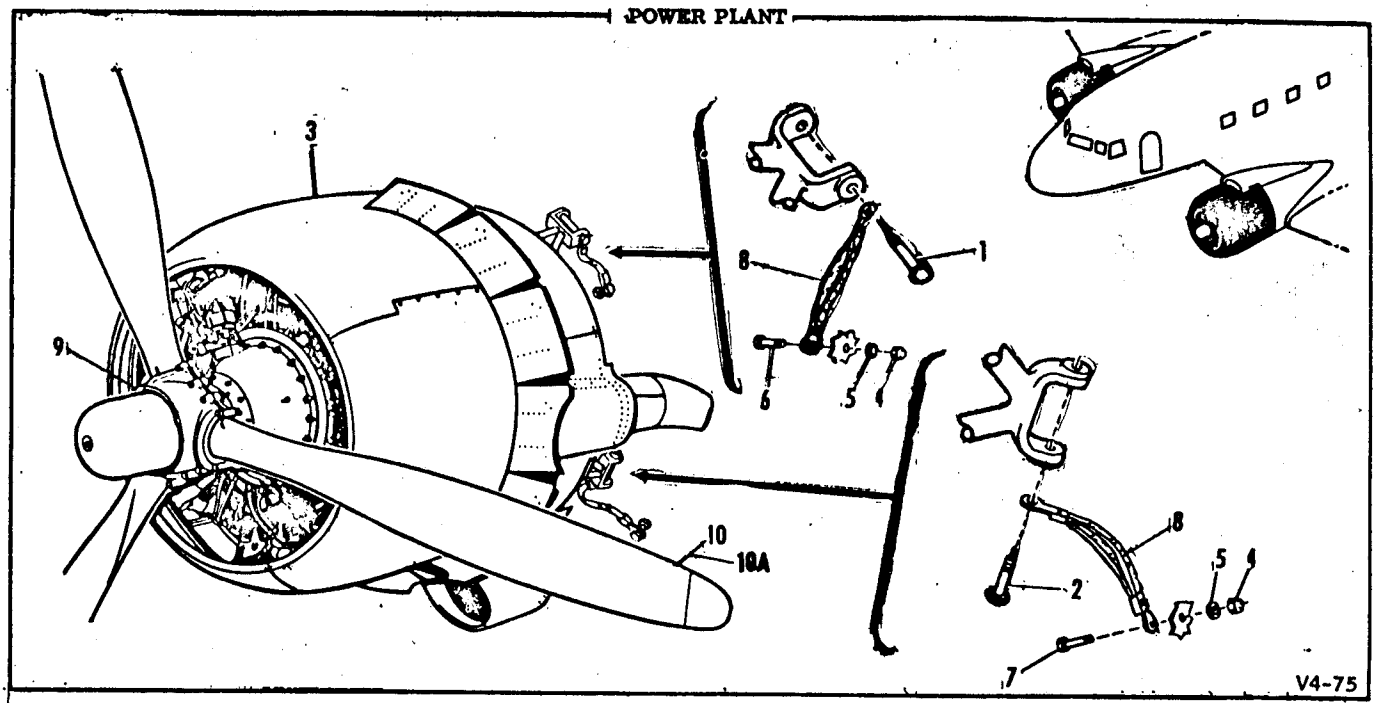

Figure 38. Demountable Power Plant and Propeller

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
38		DEMOUNTABLE POWER PLANT AND PROPELLER		
	5141413	POWER PLANT INSTL, DEMOUNTABLE	1	
- 1	1116115	BOLT, ENGINE MOUNT ATTACH UPPER	4	
- 2	1117771	BOLT, ENGINE MOUNT ATTACH LOWER	4	
- 3	5141412	POWER PLANT ASSY, DEMOUNTABLE LH (SEE FIG. 39 AND 40 FOR DETAILS)	1	A
	5203256	POWER PLANT ASSY, DEMOUNTABLE LH (SEE FIG. 39 AND 40 FOR DETAILS)	1	B
	5206012	POWER PLANT ASSY, DEMOUNTABLE LH (SEE FIG. 39 AND 40 FOR DETAILS)	1	C
	5205673	POWER PLANT ASSY, DEMOUNTABLE LH (SEE FIG. 39 AND 40 FOR DETAILS)	1	D
	5203738	POWER PLANT ASSY, DEMOUNTABLE LH (SEE FIG. 39 AND 40 FOR DETAILS)	1	E
	5141412-1	POWER PLANT ASSY, DEMOUNTABLE RH (SEE FIG. 39 AND 40 FOR DETAILS)	1	A
	5203256-1	POWER PLANT ASSY, DEMOUNTABLE RH (SEE FIG. 39 AND 40 FOR DETAILS)	1	B
	5206012-1	POWER PLANT ASSY, DEMOUNTABLE RH (SEE FIG. 39 AND 40 FOR DETAILS)	1	C
	5205673-1	POWER PLANT ASSY, DEMOUNTABLE RH (SEE FIG. 39 AND 40 FOR DETAILS)	1	D
	5203738-1	POWER PLANT ASSY, DEMOUNTABLE RH (SEE FIG. 39 AND 40 FOR DETAILS)	1	E
- 4	AN310-5	NUT	8	
- 5	AN960-516	WASHER	8	
- 6	AN5-5	BOLT	6	
- 7	AN5-6	BOLT	2	
- 8	1119694	CABLE ASSY, ENGINE MOUNT BONDING	8	
	5110566	PROPELLER INSTL	1	
- 9	23E50	HUB ASSY, ENGINE (GFAE)	2	
- 10	6477A-0	BLADE ASSY, PROPELLER (73030) (GFAE)	3	
	OR			
	7149A-0	BLADE ASSY, PROPELLER (73030)(GFAF)	3	
-10A	6353A-18	BLADE ASSY, PROPELLER (73030 - SEE NOTE 8, T.O. 3-1-1)(GFAE)	3	
	OR			
	7151A-18	BLADE ASSY, PROPELLER (73030 - SEE NOTE 8, T.O. 3-1-1)(GFAE)	3	
		A 001 THRU 056, 146 THRU 148 AND 555 THRU 558		
		B 057 THRU 092, 149 THRU 171 AND 178		
		C 172 THRU 177 AND 210 THRU 554		
		D 093 THRU 145 AND 179 THRU 182		
		E 183 THRU 209		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

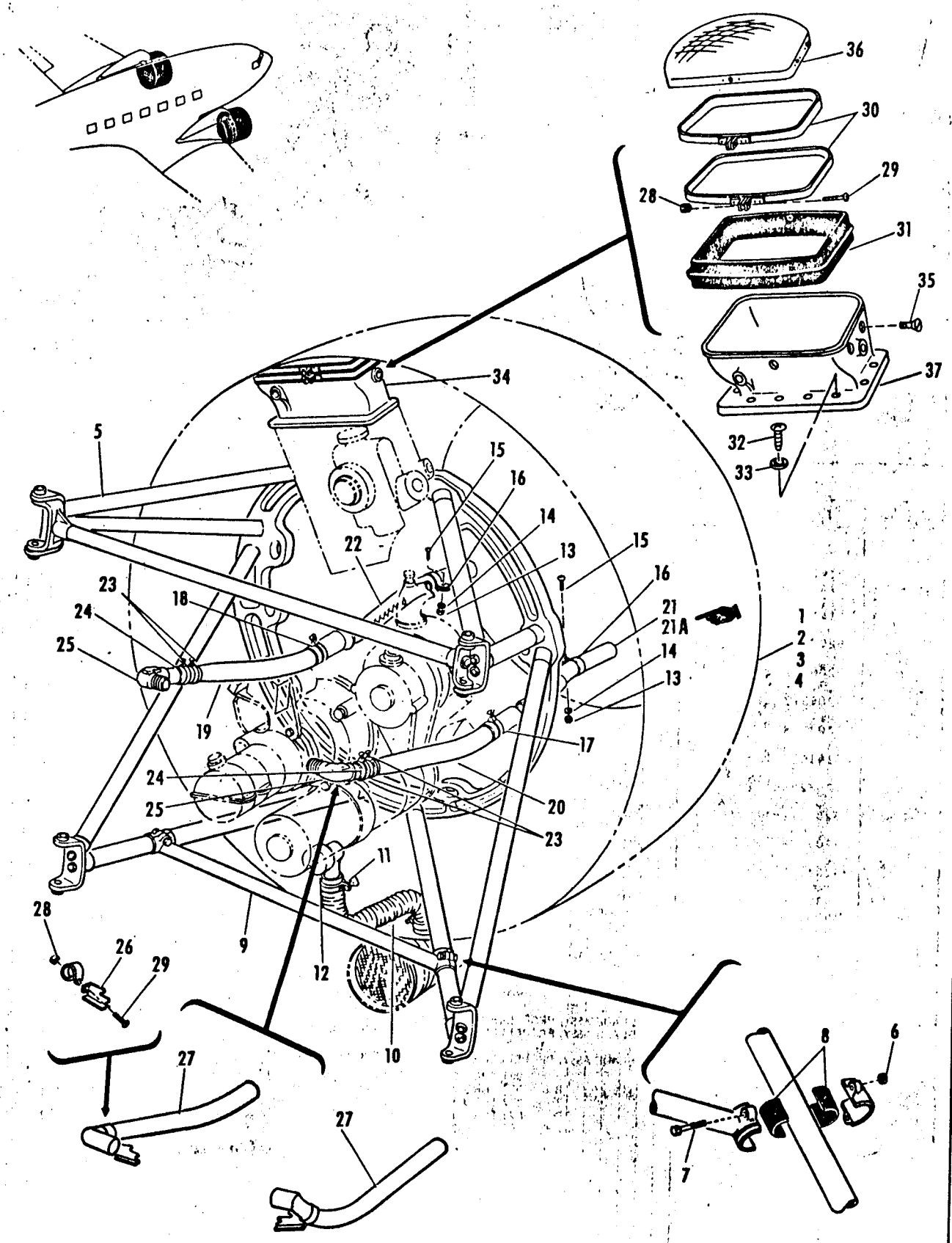

Figure 39. Demountable Power Plant

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FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
39	5141412	POWER PLANT ASSY, DEMOUNTABLE LH (SEE T.O. 1C-1-510) (SEE FIG. 38 FOR NHA)	REF	AE,H
	5203256	POWER PLANT ASSY, DEMOUNTABLE LH (SEE T.O. 1C-1-510) (SEE FIG. 38 FOR NHA)	REF	F,JK
	5206012	POWER PLANT ASSY, DEMOUNTABLE LH (SEE T.O. 1C-1-510) (SEE FIG. 38 FOR NHA)	REF	G
	5205673	POWER PLANT ASSY, DEMOUNTABLE LH (SEE T.O. 1C-1-510) (SEE FIG. 38 FOR NHA)	REF	LM
	5203738	POWER PLANT ASSY, DEMOUNTABLE LH (SEE T.O. 1C-1-510) (SEE FIG. 38 FOR NHA)	REF	N
	5141412-1	POWER PLANT ASSY, DEMOUNTABLE RH (SEE T.O. 1C-1-510) (SEE FIG. 38 FOR NHA)	REF	AE,H
	5203256-1	POWER PLANT ASSY, DEMOUNTABLE RH (SEE T.O. 1C-1-510) (SEE FIG. 38 FOR NHA)	REF	F,JK
	5206012-1	POWER PLANT ASSY, DEMOUNTABLE RH (SEE T.O. 1C-1-510) (SEE FIG. 38 FOR NHA)	REF	G
	5205673-1	POWER PLANT ASSY, DEMOUNTABLE RH (SEE T.O. 1C-1-510) (SEE FIG. 38 FOR NHA)	REF	LM
	5203738-1	POWER PLANT ASSY, DEMOUNTABLE RH (SEE T.O. 1C-1-510) (SEE FIG. 38 FOR NHA)	REF	N
- 1	MS21044D4	NUT, (ALT PN AN365-428)	2	
- 2	AN960C416	WASHER	2	
- 3	MS35207-281	SCREW, (ALT PN AN526-428-12)	2	
- 4	5113759	RING ASSY, ANTIDRAG LH (SEE FIG. 41 FOR DETAILS)	1	AF,H
	5206005	RING ASSY, ANTIDRAG LH (SEE FIG. 41 FOR DETAILS)	1	G,N
	5141800	RING ASSY, ANTIDRAG LH (SEE FIG. 41 FOR DETAILS)	1	JM
	5113759-1	RING ASSY, ANTIDRAG RH (SEE FIG. 41 FOR DETAILS)	1	AF,H
	5206005-1	RING ASSY, ANTIDRAG RH (SEE FIG. 41 FOR DETAILS)	1	G,N
	5141800-1	RING ASSY, ANTIDRAG RH (SEE FIG. 41 FOR DETAILS)	1	JM
	5110573	CONTROL INSTL, ENGINE SECTION LH (SEE FIG. 46 FOR DETAILS)	1	AF,Q
	5204655	CONTROL INSTL, ENGINE SECTION LH (SEE FIG. 46 FOR DETAILS)	1	G,N
	5110573-1	CONTROL INSTL, ENGINE SECTION RH (SEE FIG. 46 FOR DETAILS)	1	AF,Q
	5204655-1	CONTROL INSTL, ENGINE SECTION RH (SEE FIG. 46 FOR DETAILS)	1	G,N
	5141801	SYSTEM INSTL, ENGINE SECTION CARBURETOR DEICER LH (SEE FIG. 48 FOR DETAILS)	1	
	5141801-1	SYSTEM INSTL, ENGINE SECTION CARBURETOR DEICER RH (SEE FIG. 48 FOR DETAILS)	1	
	5110574	DEICER INSTL, ENGINE SECTION PROPELLER LH (SEE FIG. 48 FOR DETAILS)	1	
	5110574-1	DEICER INSTL, ENGINE SECTION PROPELLER RH (SEE FIG. 48 FOR DETAILS)	1	
	5110575	DEICER INSTL, ENGINE SECTION SURFACE LH (SEE FIG. 48A FOR DETAILS)	1	AF,Q
	5203740	DEICER INSTL, ENGINE SECTION SURFACE LH (SEE FIG. 48A FOR DETAILS)	1	G,N
	5110575-1	DEICER INSTL, ENGINE SECTION SURFACE RH (SEE FIG. 48A FOR DETAILS)	1	AF,Q
	5203740-1	DEICER INSTL, ENGINE SECTION SURFACE RH (SEE FIG. 48A FOR DETAILS)	1	G,N
	5141504	SYSTEM INSTL, ENGINE SECTION OIL LH (SEE FIG. 58 AND 59 FOR DETAILS)	1	AC
	5203252	SYSTEM INSTL, ENGINE SECTION OIL LH (SEE FIG. 58 AND 59 FOR DETAILS)	1	DF,R
	5203251	SYSTEM INSTL, ENGINE SECTION OIL LH (SEE FIG. 58 AND 59 FOR DETAILS)	1	HJ
	5203742	SYSTEM INSTL, ENGINE SECTION OIL LH (SEE FIG. 58 AND 59 FOR DETAILS)	1	G,N
	5141504-1	SYSTEM INSTL, ENGINE SECTION OIL RH (SEE FIG. 58 AND 59 FOR DETAILS)	1	AC
	5203252-1	SYSTEM INSTL, ENGINE SECTION OIL RH (SEE FIG. 58 AND 59 FOR DETAILS)	1	DF,R
	5203251-1	SYSTEM INSTL, ENGINE SECTION OIL RH (SEE FIG. 58 AND 59 FOR DETAILS)	1	HJ
	5203742-1	SYSTEM INSTL, ENGINE SECTION OIL RH (SEE FIG. 58 AND 59 FOR DETAILS)	1	G,N

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
39	CONTINUED			
	5110577	SYSTEM INSTL, ENGINE SECTION FUEL LH (SEE FIG. 60 FOR DETAILS)	1	A
	5141805	SYSTEM INSTL, ENGINE SECTION FUEL LH (SEE FIG. 60 FOR DETAILS	1	BF,P
	5205672	SYSTEM INSTL, ENGINE SECTION FUEL LH (SEE FIG. 60 FOR DETAILS)	1	LM
	5203743	SYSTEM INSTL, ENGINE SECTION FUEL LH (SEE FIG. 60 FOR DETAILS)	1	G,N
	5110577-1	SYSTEM INSTL, ENGINE SECTION FUEL RH (SEE FIG. 60 FOR DETAILS)	1	A
	5141805-1	SYSTEM INSTL, ENGINE SECTION FUEL RH (SEE FIG. 60 FOR DETAILS)	1	BF,P
	5205672-1	SYSTEM INSTL, ENGINE SECTION FUEL RH (SEE FIG. 60 FOR DETAILS)	1	LM
	5203743-1	SYSTEM INSTL, ENGINE SECTION FUEL RH (SEE FIG. 60 FOR DETAILS)	1	G,N
	5110578	HYDRAULIC INSTL, ENGINE SECTION LH (SEE FIG. 61 FOR DETAILS)	1	AF,H
	5203834	HYDRAULIC INSTL, ENGINE SECTION LH (SEE FIG. 62 FOR DETAILS)	1	G,N
	5204439	HYDRAULIC INSTL, ENGINE SECTION LH (SEE FIG. 61 FOR DETAILS)	1	JM
	5110578-1	HYDRAULIC INSTL, ENGINE SECTION RH (SEE FIG. 61 FOR DETAILS)	1	AF,H
	5203834-1	HYDRAULIC INSTL, ENGINE SECTION RH (SEE FIG. 62 FOR DETAILS)	1	G,N
	5204439-1	HYDRAULIC INSTL, ENGINE SECTION RH (SEE FIG. 61 FOR DETAILS)	1	JM
	5110579	INSTRUMENT INSTL, ENGINE SECTION LH (SEE FIG. 63 FOR DETAILS)	1	AF,Q
	5204927	INSTRUMENT INSTL, ENGINE SECTION LH (SEE FIG. 63 FOR DETAILS)	1	G,N
	5110579-1	INSTRUMENT INSTL, ENGINE SECTION RH (SEE FIG. 63 FOR DETAILS)	1	AF,Q
	5204927-1	INSTRUMENT INSTL, ENGINE SECTION RH (SEE FIG. 63 FOR DETAILS)	1	G,N
	5141416	EQUIPMENT INSTL, ENGINE SECTION ELECTRICAL LH (SEE FIG. 64 FOR DETAILS)	1	AE,H
	5202324	EQUIPMENT INSTL, ENGINE SECTION ELECTRICAL LH (SEE FIG. 65 FOR DETAILS)	1	F,JM
	5205507	EQUIPMENT INSTL, ENGINE SECTION ELECTRICAL LH (SEE FIG. 66 FOR DETAILS)	1	G,N
	5141416-1	EQUIPMENT INSTL, ENGINE SECTION ELECTRICAL RH (SEE FIG. 64 FOR DETAILS)	1	AE,H
	5202324-1	EQUIPMENT INSTL, ENGINE SECTION ELECTRICAL RH (SEE FIG. 65 FOR DETAILS)	1	F,JM
	5205507-1	EQUIPMENT INSTL, ENGINE SECTION ELECTRICAL RH (SEE FIG. 66 FOR DETAILS)	1	G,N
	5110581	EXTINGUISHER INSTL, ENGINE SECTION FIRE LH (SEE FIG. 69 FOR DETAILS)	1	AL
	5203744	EXTINGUISHER INSTL, ENGINE SECTION FIRE LH (SEE FIG. 69 FOR DETAILS)	1	MN
	5110581-1	EXTINGUISHER INSTL, ENGINE SECTION FIRE RH (SEE FIG. 69 FOR DETAILS)	1	AL
	5203744-1	EXTINGUISHER INSTL, ENGINE SECTION FIRE RH (SEE FIG. 69 FOR DETAILS)	1	MN
	5141415	SYSTEM INSTL, ENGINE SECTION HYDROMATIC PROPELLER LH (SEE FIG. 70 FOR DETAILS)	1	AD
	5203308	SYSTEM INSTL, ENGINE SECTION HYDROMATIC PROPELLER LH (SEE FIG. 70 FOR DETAILS)	1	EF,Q
	5203745	SYSTEM INSTL, ENGINE SECTION HYDROMATIC PROPELLER LH (SEE FIG. 70 FOR DETAILS)	1	G,N
	5141415-1	SYSTEM INSTL, ENGINE SECTION HYDROMATIC PROPELLER RH (SEE FIG. 70 FOR DETAILS)	1	AD
	5203308-1	SYSTEM INSTL, ENGINE SECTION HYDROMATIC PROPELLER RH (SEE FIG. 70 FOR DETAILS)	1	EF,Q
	5203745-1	SYSTEM INSTL, ENGINE SECTION HYDROMATIC PROPELLER RH (SEE FIG. 70 FOR DETAILS)	1	G,N
- 5	5110599	MOUNT ASSY, ENGINE (ALT PN 5141024) (SEE FIG. 45 FOR DETAILS)	1	
	5141024	MOUNT ASSY, ENGINE (SEE FIG. 45 FOR DETAILS)	1	
- 6	AN310-3	NUT	4	AF,Q
	MS21044N3	NUT (ALT PN AN365-1032)	4	G,N
- 7	AN3-10	BOLT	4	AF,Q
	AN3-10A	BOLT	4	G,N
- 8	S1049048-124	PAD, TANK	4	
- 9	2117719	BRACE ASSY, ENGINE MOUNT ANTIVIBRATION	1	
- 10	S292V442H8-76	HOSE, GENERATOR BLAST TUBE (ATTACHING PARTS)	1	
- 11	AN737TW58-76	CLAMP	2	
12	2355064	CAP, GENERATOR BLAST TUBE OPENING	1	

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	U/A	USE CODE
	CONTINUED			
39				
– 13	MS21044N3	NUT, (ALT PN AN365–1032)	4	
– 14	AN960-10	WASHER	8	
– 15	MS35207–264	SCREW, (ALT PN AN520–10–10)	2	
	MS35207–263	SCREW, (ALT PN AN520–10–8)	2	
– 16	AN737TW44-48	CLAMP, (ALT PN AN737–44)	4	
– 17	MS21919DF16	CLAMP, (ALT PN AN742D18C)	2	
– 18	MS21919DF20	CLAMP, (ALT PN AN742D22C)	4	
– 19	2118707	TUBE ASSY, SCINTILLA, AFT BLAST, LH	1	
– 20	2135270	TUBE ASSY, SCINTILLA, AFT BLAST, RH	1	
– 21	2355052	TUBE ASSY, AT DIAPHRAGM	2	
– 21A	5204646	TUBE ASSY, FWD BLAST DIAPHRAGM THRU ENGINE, SCINTILLA (BOSCH PN 5204647)	1	
– 22	S2329442H4-46	HOSE, BLAST TUBE	2	
– 23	AN737TW44-48	CLAMP, (ALT PN AN737-44)	6	
– 24	3706–16–44	HOSE, (79470)	2	
– 25	AN842–16D	ELBOW, RH	1	
	AN844–16D	ELBOW, LH	1	
– 26	2131722	SUPPORT	1	
– 27	4355050	TUBE, BOSCH AFT BLAST LH	1	
	4355051	TUBE, BOSCH AFT BLAST RH	1	
– 28	MS21044N3	NUT, (ALT PN AN365–1032)	2	
– 29	MS35207-268	SCREW, (ALT PN AN520–10–20)	2	
– 30	2118706	CLAMP ASSY, CARBURETOR AIR INTAKE COLLAR	2	AF,Q
	4206664	CLAMP ASSY, CARBURETOR AIR INTAKE COLLAR	2	G,N
– 31	2118705	COLLAR, CARBURETOR AIR INTAKE (MAKE FROM S2042835)	1	AF,Q
	4206407	COLLAR, CARBURETOR AIR INTAKE	1	G,N
– 32	AN503–416R12	SCREW	10	
– 33	AN960–416	WASHER	10	
– 34	4118708	ADAPTER AND SCREEN ASSY, CARBURETOR AIR SCOOP	1	AF,Q
– 35	AN507–832R10	SCREW, (ALT PN 1087510–8–10)	6	AF,Q
– 36	2118802	SCREEN, CARBURETOR AIR SCOOP ADAPTER	1	AF,Q
– 37	5118711	ADAPTER, CARBURETOR AIR SCOOP (MAKE FROM S5082039)	1	AF,Q
	5205978	ADAPTER ASSY, CARBURETOR AIR DUCT (ALT PN 5206321)	1	G,N
	5206321	ADAPTER ASSY, CARBURETOR AIR DUCT	1	G,N
		A 026 B 027 C 001 THRU 015, 028, 029 AND 558 D 030 AND 031 E 032 THRU 056 AND 555 THRU 557 F 149 THRU 171 G 172 THRU 177 AND 210 THRU 554 H 016 THRU 025 AND 146 THRU 148 J 057 THRU 070 AND 178 K 071 THRU 092 L 093 THRU 108 M 109 THRU 145 AND 179 THRU 182 N 183 THRU 209 P 016 THRU 025, 057 THRU 092, 146 THRU 148 AND 178 Q 016 THRU 025, 057 THRU 148 AND 178 THRU 182 R 071 THRU 145 AND 179 THRU 182 SEE PAGE 1–4 FOR MASTER AIR PLANE SERIAL NUMBER LISTING		

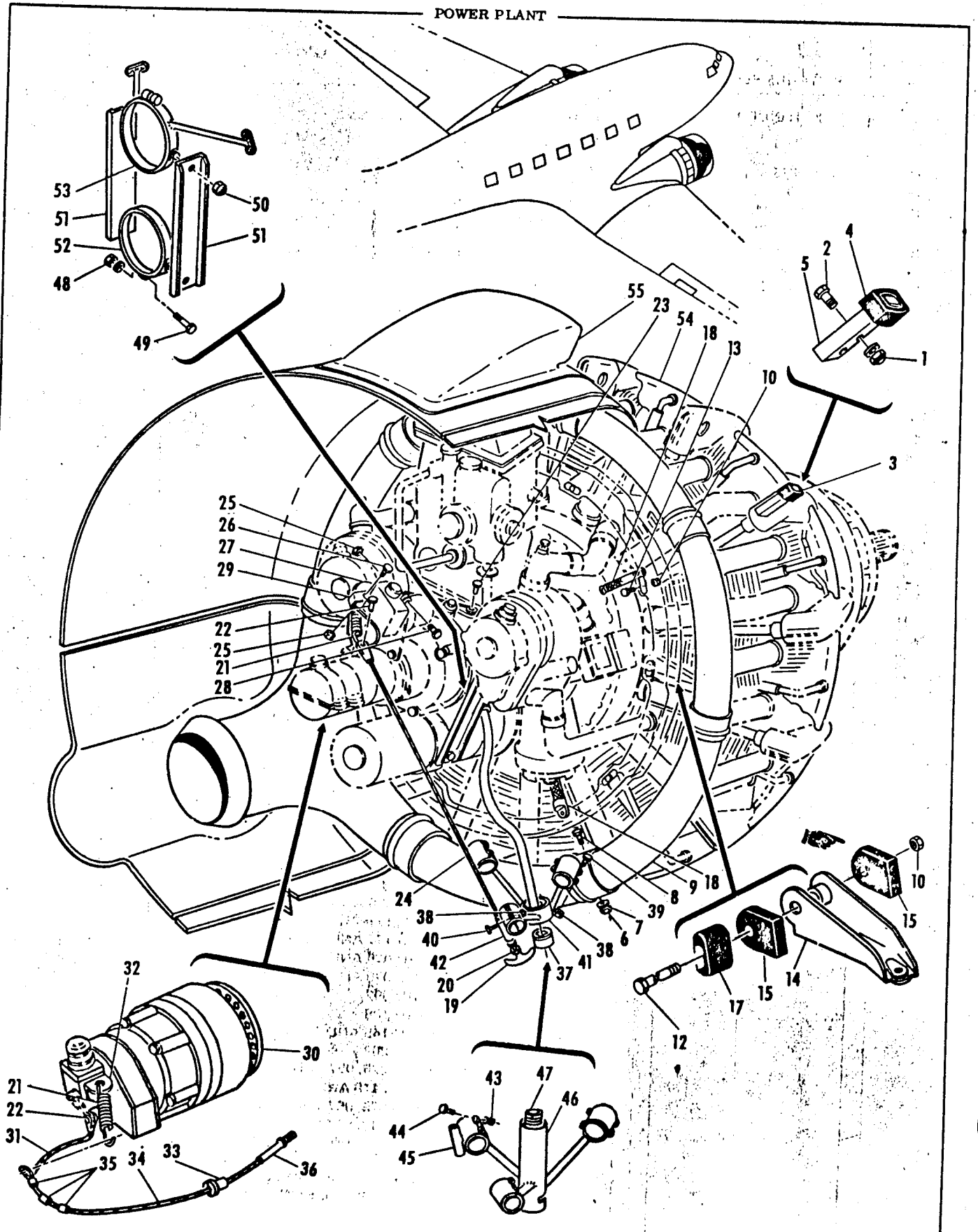

Figure 40. Demountable Power Plant

V4-113

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
40	5141412	POWER PLANT ASSY, DEMOUNTABLE LH (SEE T.O. 1C-1-510) (SEE FIG. 38 FOR NHA)	REF	AB,E
	5203256	POWER PLANT ASSY, DEMOUNTABLE LH (SEE T.O. 1C-1-510) (SEE FIG. 38 FOR NHA)	REF	C,F
	5206012	POWER PLANT ASSY, DEMOUNTABLE LH (SEE T.O. 1C-1-510) (SEE FIG. 38 FOR NHA)	REF	D
	5205673	POWER PLANT ASSY, DEMOUNTABLE LH (SEE T.O. 1C-1-510) (SEE FIG. 38 FOR NHA)	REF	G
	5203738	POWER PLANT ASSY, DEMOUNTABLE LH (SEE T.O. 1C-1-510) (SEE FIG. 38 FOR NHA)	REF	H
	5141412-1	POWER PLANT ASSY, DEMOUNTABLE RH (SEE T.O. 1C-1-510) (SEE FIG. 38 FOR NHA)	REF	AB,E
	5203256-1	POWER PLANT ASSY, DEMOUNTABLE RH (SEE T.O. 1C-1-510) (SEE FIG. 38 FOR NHA)	REF	C,F
	5206012-1	POWER PLANT ASSY, DEMOUNTABLE RH (SEE T.O. 1C-1-510) (SEE FIG. 38 FOR NHA)	REF	D
	5205673-1	POWER PLANT ASSY, DEMOUNTABLE RH (SEE T.O. 1C-1-510) (SEE FIG. 38 FOR NHA)	REF	G
	5203738-1	POWER PLANT ASSY, DEMOUNTABLE RH (SEE T.O. 1C-1-510) (SEE FIG. 38 FOR NHA)	REF	H
- 1	AN310-4	NUT	26	AB,EG
	AN310-3	NUT	26	C,F
	MS21044N4	NUT, (ALT PN AN365-428)	26	D,H
- 2	AN4-10	BOLT	26	AC,EG
	AN4-10A	BOLT	26	D,H
- 3	2116035	LUG ASSY, ANTIDRAG RING SUPPORT	13	
- 4	2116035-2	HOSE, (MAKE FROM A019 (25472))	1	
- 5	2116035-4	SUPPORT, ANTIDRAG RING (MAKE FROM S1114438-308)	1	
- 6	AN310-4	NUT	6	AG
	AN310-3	NUT	6	G
- 7	AN960-416	WASHER	12	D
	MS35338-45	WASHER, (ALT PN AN935-516)	14	
- 8	AN4-5	BOLT	6	AC,EH
	AN4-6	BOLT	6	D
- 9	5115224	RING ASSY, R1830C EXHAUST COLLECTOR (SEE FIG. 47 FOR DETAILS)	1	
- 10	AN310-8	NUT	8	
- 11	DELETED			
- 12	AN8-47	BOLT	6	
- 13	AN8-41	BOLT	2	
- 14	2118783	BRACKET, EXHAUST COLLECTOR SUPPORT	6	
- 15	SK1292-1	MOUNT ASSY, 2 IN. OD BONDED RUBBER SANDWICH (76005) (ALT PN SB1001-1 (82999))	16	
	SB1001-1	MOUNT ASSY, 2 IN. OD BONDED RUBBER SANDWICH (82999)	16	
- 16	DELETED			
- 17	J-1/89-1	BUSHING ASSY, ENGINE MOUNT SUPPORT SHOCK (LO)	8	
- 18	1137240	CABLE ASSY, ENGINE BONDING	4	
- 19	S1066851	HANDLE, STARTER MESHING CABLE	1	
- 20	AN316-4R	NUT	1	
- 21	S133246	SPRING, FUEL DUMP VALVE OPERATING CABLE	1	
- 22	MS20292-2C11	PIN, (ALT PN AN393-11)	1	
- 23	MS20292-2C9	PIN, (ALT PN AN393-9)	1	E
- 24	2141936	CABLE ASSY, HAND STARTER MESHING DEVICE	1	E
- 25	AN310-3	NUT	2	E
- 26	AN3-11	BOLT	1	E
- 27	MS24566-1B	PULLEY, (ALT PN AN210-1A)	1	E
- 28	AN3-6	BOLT	1	E
- 29	5142671	BRACKET ASSY, G6 STARTER CABLE	1	E
- 30	280R3	STARTER, (31435) (GFAE)	1	
- 31	A1197	CASING AND CABLE ASSY, FLEXIBLE (31435) (GFAE)	1	
- 32	1142966	LINK, STARTER ENGAGING CABLE SPRING	1	
- 33	1142933	FAIRLEAD, STARTER HAND MESHING CABLE GUIDE	2	
- 34	2142972	CABLE ASSY, STARTER ENGAGING	1	
- 35	28-2G6	SLEEVE, OVAL (76691)	3	
- 36	1131485	END, STARTER ENGAGING CABLE	1	
- 37	1131515	BEARING, STARTER EXTENSION SHAFT RIGID	1	E

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
40	CONTINUED			
	Z142964	SOCKET ASSY, FLEXIBLE STARTER CRANK	1	A
	5131553	SUPPORT INSTL, STARTER HAND CRANK	1	A,E
- 38	MS21044N3	NUT, (ALT PN AN365-1032)	12	A,E
- 39	AN3-10A	BOLT	8	A,E
- 40	AN3-11A	BOLT	4	A,E
- 41	5131553-2	TUBE ASSY, STARTER HAND CRANK SUPPORT (WELDED)	1	A,E
- 42	5131553-4	TUBE ASSY, STARTER HAND CRANK SUPPORT (WELDED)	1	A,E
	5143281	SUPPORT ASSY, FLEXIBLE DRIVE CRANK	1	BD,FH
- 43	MS21044N3	NUT, (ALT PN AN365-1032)	12	BD,FH
- 44	AN3-10A	BOLT	12	BD,FH
- 45	5143281-4	TUBE ASSY, FLEXIBLE DRIVE CRANK SUPPORT (WELDED)	1	BD,FH
- 46	5143281-2	TUBE ASSY, FLEXIBLE DRIVE CRANK SUPPORT (WELDED)	1	BD,FH
- 47	1402	SOCKET, (31435) (GFAE)	1	BD,FH
- 48	MS21044N4	NUT, (ALT PN AN365-428)	3	
- 49	AN4-21A	BOLT	3	
- 50	MS21083N5	NUT, (ALT PN AN364-524)	4	AF
	MS21044N5	NUT, (ALT PN AN365-524)	3	G,H
- 51	1203959	CHANNEL, STARTER BRACE	2	
- 52	2203960	RING ASSY, GENERATOR BRACE	1	
- 53	5203956	BRACE ASSY, STARTER	1	
- 54	R1830-90D	ENGINE ASSY, (48521) (GFAE)	1	AC,EF
	R1830-90C	ENGINE ASSY, (48521) (GFAE)	1	D,H
	R1830-92	ENGINE ASSY, (48521) (GFAE)	1	G
- 55	5141804	COWLING INSTL, ENGINE LH (SEE FIG. 49 FOR DETAILS)	1	AC,E
	5204145	COWLING INSTL, ENGINE LH (SEE FIG. 49 FOR DETAILS)	1	F,G
	5206011	COWLING INSTL, ENGINE LH (SEE FIG. 49 FOR DETAILS)	1	D
	5204648	COWLING INSTL, ENGINE LH (SEE FIG. 49 FOR DETAILS)	1	H
	5141804-1	COWLING INSTL, ENGINE RH (SEE FIG. 49 FOR DETAILS)	1	AC,E
	5204145-1	COWLING INSTL, ENGINE RH (SEE FIG. 49 FOR DETAILS)	1	F,G
	5206011-1	COWLING INSTL, ENGINE RH (SEE FIG. 49 FOR DETAILS)	1	D
	5204648-1	COWLING INSTL, ENGINE RH (SEE FIG. 49 FOR DETAILS)	1	H

A 002, 026 THRU 031 AND 558
B 003 THRU 025, 032 THRU 056, 146 THRU 148 AND 555 THRU 557
C 149 THRU 171
D 172 THRU 177 AND 210 THRU 554
E 001
F 057 THRU 092 AND 178
G 093 THRU 145 AND 179 THRU 182
H 183 THRU 209

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

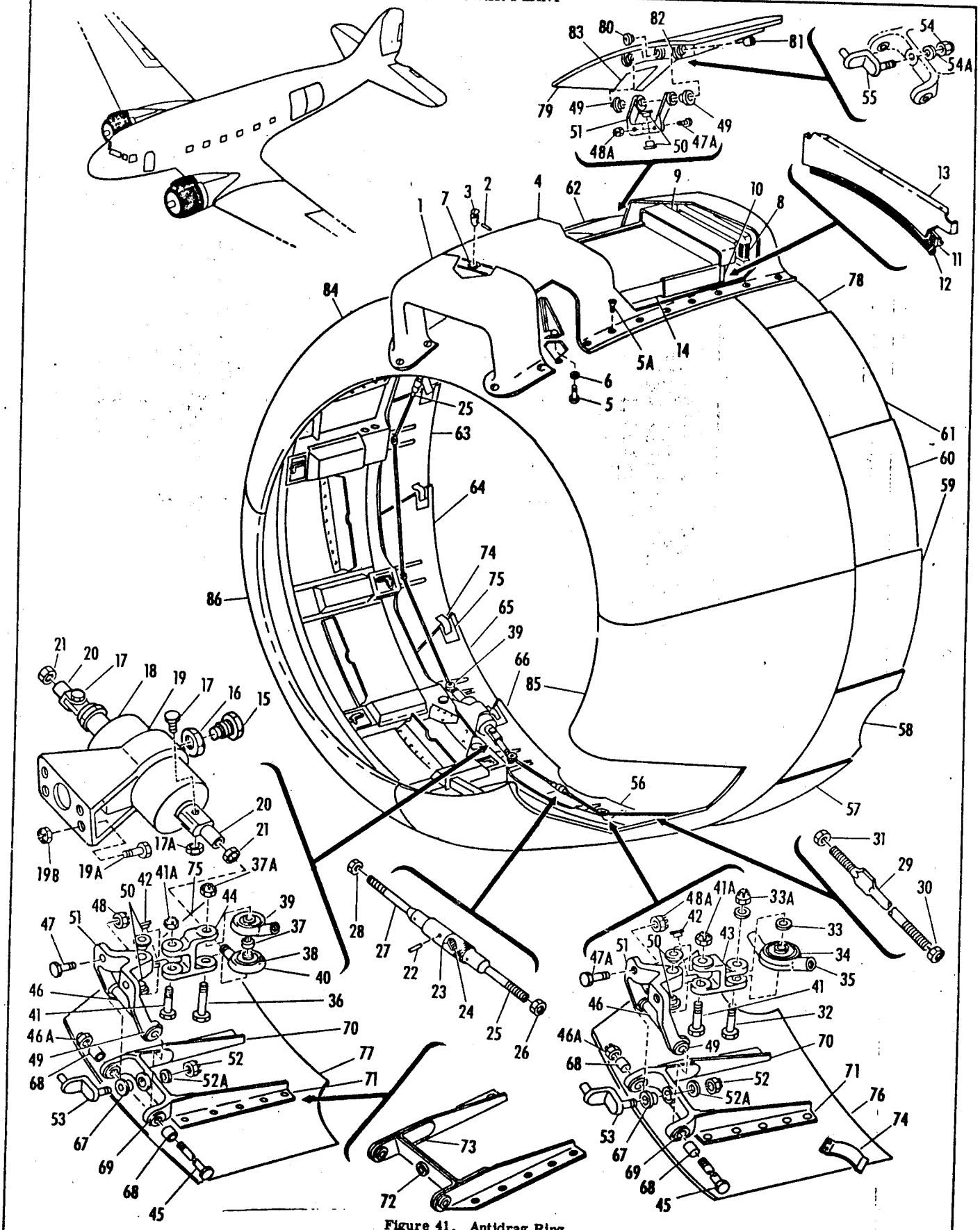

Figure 41. Antidrag Ring

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FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
41	5113759	RING ASSY, ANTIDRAG LH (SPARE PARTS ASSY 2205572 AND 2205573) (SEE FIG. 39 FOR NHA)	REF	A
	5141800	RING ASSY, ANTIDRAG LH (SPARE PARTS ASSY 2205572 AND 2205573) (SEE FIG. 39 FOR NHA)	REF	B
	5206005	RING ASSY, ANTIDRAG LH (SPARE PARTS ASSY 2205572 AND 2205573) (SEE FIG. 39 FOR NHA)	REF	C
	5113759-1	RING ASSY, ANTIDRAG RH (SPARE PARTS ASSY 2205572 AND 2205573) (SEE FIG. 39 FOR NHA)	REF	A
	5141800-1	RING ASSY, ANTIDRAG RH (SPARE PARTS ASSY 2205572 AND 2205573) (SEE FIG. 39 FOR NHA)	REF	B
	5206005-1	RING ASSY, ANTIDRAG RH (SPARE PARTS ASSY 2205572 AND 2205573) (SEE FIG. 39 FOR NHA)	REF	C
- 1	5139570	SCOOP ASSY, AIR INDUCTION SYSTEM FILTER NOSE	1	A
- 2	99799	PIN, COWL FASTENER CROSS (61864)	9	A
- 3	99798-1-130	STUD, COWL FASTENER (61864)	9	A
- 4	5139571	DUCT ASSY, AIR INDUCTION FILTER	1	A
		(ATTACHING PARTS)		
- 5	AN3-5A	BOLT	4	A
- 5A	AN507-1032R10	SCREW, (ALT PN S1087510-10-10)	18	A
- 6	AN960D10	WASHER	4	A
- 7	99797	SPRING, FASTENER (61864)	3	A
- 8	S2160403	RING, AIR INDUCTION SYSTEM DUCT SEALING	1	A
- 9	5139571-14	THROAT ASSY, AIR INDUCTION FILTER DUCT	1	A
- 10	2139569	SEAL ASSY, AIR INDUCTION FILTER DUCT	1	A
- 11	2139569-6	ANGLE, BULB RETAINING (MAKE FROM S183417-1024)	1	A
- 12	2139569-4	BULB, AIR INDUCTION FILTER DUCT SEAL (MAKE FROM S1117181-1024)	1	A
- 13	2139569-2	INTERCOSTAL, AIR INDUCTION FILTER DUCT	1	A
- 14	56C809	FILTER ASSY, AIR 2 X 12 X 29 IN. (TYPE UM180) (01767) INTERCHANGEABLE WITH P/N 13141 (ALT PN (TYPE R72) (00736) OR (TYPE 68AF) (21585))	1	A
	56C809	FILTER ASSY, AIR 2 X 12 X 29 IN. (TYPE R72) (00736) (INTERCHANGEABLE WITH P/N 13141	1	A
	56C809	FILTER ASSY, AIR 2 X 12 X 29 IN. (TYPE 68AF) (21585) INTERCHANGEABLE WITH P/N 13141	1	A
- 15	1119084	SCREW, COWLING FLAP ACTUATING CYLINDER BEARING	2	
- 16	1119085	NUT, SPECIAL LOCK CYLINDER BEARING SCREW	2	
- 17	AN3-10	BOLT	2	
- 17A	AN310-3	NUT	2	
- 18	2000	CYLINDER ASSY, 1-1/2 IN. DIAMETER X 1 IN. STROKE (79318)	2	
- 19	4119239	SUPPORT, COWLING FLAP ACTUATING CYLINDER (MAKE FROM 4018390)	1	
		(ATTACHING PARTS)	1	
- 19A	AN3-6	BOLT	4	AB
	AN3-6A	BOLT	4	C
- 19B	AN310-3	NUT	4	AB
	MS21044N3	NUT, (ALT PN AN365-1032)	4	C
- 20	1117217	END, COWLING FLAP ACTUATING ROD FORK	2	
- 21	AN316-6R	NUT	2	
	1119089	COUPLING ASSY, COWLING FLAP REMOVABLE	3	
- 22	1119089-1	PIN, COWLING FLAP REMOVABLE COUPLING	1	
- 23	1119090	SLEEVE, FLAP CONTROL ROD COUPLING	1	
- 24	1119091	SPRING, FLAP CONTROL ROD COUPLING	1	
- 25	1119092	BODY, COWLING FLAP REMOVABLE COUPLING	1	
- 26	AN316-4L	NUT	3	
- 27	1119088	END, COWLING FLAP REMOVABLE COUPLING	3	
- 28	AN316-4R	NUT	3	
- 29	1119087	ROD, COWLING FLAP TIE	10	
- 30	AN316-4L	NUT	10	
- 31	AN316-4R	NUT	10	
- 32	AN3-13	BOLT	12	
- 33	AN960C10	WASHER	12	
	AN960D10L	WASHER	AR	BC
- 33A	AN310-3	NUT	12	
	1119730	SWIVEL ASSY, COWLING FLAP ACTUATING ROD CONNECTING	12	
- 34	MS27261KSP3	BEARING, (ALT PN KS3 (21335))	1	
- 35	1119730-1	SWIVEL, COWLING FLAP ACTUATING ROD CONNECTING	1	
- 36	AN3-17	BOLT	2	
- 37	NAS43HT3-10	SPACER, (ALT PN S117425-3505)	2	
- 37A	AN310-3	NUT	2	
	1119099-1	SWIVEL ASSY, COWLING FLAP ACTUATING ROD SPECIAL CONNECTING LH (LH AND RH)	1	
	1119099-2	SWIVEL ASSY, COWLING FLAP ACTUATING ROD SPECIAL CONNECTING RH (LH AND RH)	1	
	1119086	SWIVEL ASSY, COWLING FLAP ACTUATING CYLINDER FOR CONNECTING	2	
- 38	MS27261KSP3	BEARING, (ALT PN KS3 (21335))	1	
- 39	1119099-3	HOUSING, COWLING FLAP ACTUATING ROD SPECIAL CONNECTING SWIVEL LH	1	
	1119099-4	HOUSING, COWLING FLAP ACTUATING ROD SPECIAL CONNECTING SWIVEL RH	1	
- 40	1119086-1	HOUSING, COWLING FLAP ACTUATING CYLINDER FORK CONNECTING SWIVEL	1	
- 41	AN3-15	BOLT	14	
- 41A	AN310-3	NUT	14	

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
41	CONTINUED			
	2114317	LEVER ASSY, COWLING FLAP ACTUATING	12	A
	2114317	LEVER ASSY, COWLING FLAP ACTUATING (ALT PN 2203361 OR 2204012)	12	BC
	2203361	LEVER ASSY, COWLING FLAP ACTUATING	12	BC
	2204012	LEVER ASSY, COWLING FLAP ACTUATING	12	BC
	2114316	LEVER ASSY, COWLING FLAP ACTUATING SPECIAL	2	A
	2114316	LEVER ASSY, COWLING FLAP ACTUATING SPECIAL (ALT PN 2203465 OR 2204129)	2	BC
	2203465	LEVER ASSY, COWLING FLAP ACTUATING SPECIAL	2	BC
	2204129	LEVER ASSY, COWLING FLAP ACTUATING SPECIAL	2	BC
- 42	1114312	BEARING, COWLING FLAP ACTUATING MECHANISM (SIZE ID TO 0.2805/0.28815 ON INSTL)	1	
- 43	2114317-2	LEVER, COWLING FLAP ACTUATING	1	
	2203361-2	LEVER, COWLING FLAP ACTUATING	1	BC
	2204012-12	LEVER ASSY, COWLING FLAP ACTUATING BRAZED	1	BC
- 44	2114316-2	LEVER, COWLING FLAP ACTUATING SPECIAL	1	
	2203465-2	LEVER, COWLING FLAP ACTUATING SPECIAL	1	BC
	2204129-12	LEVER ASSY, COWLING FLAP ACTUATING SPECIAL BRAZED	1	BC
- 45	AN3-6A	BOLT	14	
- 46	1116487	SPACER, ANTIDRAG RING FLAP HINGE	14	
- 46A	AN310-3	NUT	14	
- 47	AN3-6	BOLT	4	AB
	AN3-6A	BOLT	4	C
- 47A	AN3-6	BOLT	24	A
	AN3-6A	BOLT	24	BC
- 48	MS21044N3	NUT, (ALT PN AN365-1032)	4	
- 48A	AN310-3	NUT	4	A
	MS21044N3	NUT, (ALT PN AN365-1032)	20	A
	MS21044N3	NUT, (ALT PN AN365-1032)	24	BC
	2114314	SUPPORT ASSY, COWLING FLAP AND ACTUATING LEVER	14	A
	2203360	SUPPORT ASSY, COWLING FLAP AND ACTUATING LEVER	14	B
	2114314	SUPPORT ASSY, COWLING FLAP AND ACTUATING LEVER (ALT PN 2203360 OR 2203971)	14	C
	2203360	SUPPORT ASSY, COWLING FLAP AND ACTUATING LEVER	14	C
	2203971	SUPPORT ASSY, COWLING FLAP AND ACTUATING LEVER	14	C
- 49	1114312	BEARING, COWLING FLAP ACTUATING MECHANISM (SIZE ID TO 0.2805/0.2815 ON INSTL)	2	
- 50	1116464	BUSHING, COWLING FLAP AND ACTUATING LEVER SUPPORT (SIZE ID TO 0.1900/0.1910 ON INSTL)	2	
- 51	2114314-2	SUPPORT, COWLING FLAP AND ACTUATING LEVER	1	A,C
	2203360-2	SUPPORT, COWLING FLAP AND ACTUATING LEVER	1	BC
	2203971-8	SUPPORT ASSY, COWLING FLAP AND ACTUATING LEVER BRAZED	1	C
- 52	AN310-3	NUT	12	
- 52A	AN960-10	WASHER	12	
- 53	1114314	LINK, COWLING FLAP TO ACTUATING LEVER CONNECTING (MAKE FROM S1114464)	12	
- 54	AN310-3	NUT	2	BC
- 54A	AN960-10	WASHER	2	BC
- 55	1114313	LINK, COWLING FLAP TO ACTUATING LEVER CONNECTING (MAKE FROM S1114464)	2	BC
- 56	5116872-2	FLAP ASSY, ENGINE COWLING BOTTOM (LH) MODIFY IN ACCORDANCE WITH AF DWG NO. 59B91983	1	AB
	5116872-11	FLAP ASSY, ENGINE COWLING BOTTOM (RH) MODIFY IN ACCORDANCE WITH AF DWG NO. 59B91983	1	AB
	5116872-2	FLAP ASSY, ENGINE DOWLING BOTTOM MODIFY IN ACCORDANCE WITH AF DWG NO. 59B91983	1	C
- 57	5116872-10	FLAP ASSY, ENGINE COWLING BOTTOM MODIFY IN ACCORDANCE WITH AF DWG NO. 59B91983	1	A
	5116872-1	FLAP ASSY, ENGINE COWLING (LH ONLY) MODIFY IN ACCORDANCE WITH AF DWG NO. 59B91983	1	B
	5116872-10	FLAP ASSY, ENGINE COWLING BOTTOM (RH ONLY) MODIFY IN ACCORDANCE WITH AF DWG NO. 59B91983	1	B
	5116872-1	FLAP ASSY, ENGINE COWLING MODIFY IN ACCORDANCE WITH AF DWG 59B91983	1	C
- 58	5116872-4	FLAP ASSY, ENGINE COWLING BOTTOM MODIFY IN ACCORDANCE WITH 59B91983	1	
- 59	5116872-1	FLAP ASSY, ENGINE COWLING MODIFY IN ACCORDANCE WITH AF DWG NO. 59B91983	1	A
	5116872-10	FLAP ASSY, ENGINE COWLING BOTTOM (LH ONLY) MODIFY IN ACCORDANCE WITH AF DWG 59B91983	1	B
	5116872-1	FLAP ASSY, ENGINE COWLING (RH ONLY) MODIFY IN ACCORDANCE WITH AF DWG NO. 59B91983	1	B
	5116872-10	FLAP ASSY, ENGINE COWLING BOTTOM MODIFY IN ACCORDANCE WITH AF DWG NO. 59B91983	1	C
- 59A	59B91983	PROTECTOR, PHENOLIC SHEET, 1/16 INCH THICK, TYPE FBM, MIL-P-15035B	A/R	A,C
- 60	5116872-1	FLAP ASSY, ENGINE COWLING MODIFY IN ACCORDANCE WITH AF DWG NO. 59B91983	1	
- 61	5116872-12	FLAP ASSY, ENGINE COWLING BOTTOM MODIFY IN ACCORDANCE WITH AF DWG NO. 59B91983	1	A
	5116872-1	FLAP ASSY, ENGINE COWLING MODIFY IN ACCORDANCE WITH AF DWG NO. 59B91983	1	BC
- 62	4140827	FLAP ASSY, SPECIAL COWLING MODIFY IN ACCORDANCE WITH AF DWG NO. 59B91983	1	
- 63	5116872-1	FLAP ASSY, ENGINE COWLING MODIFY IN ACCORDANCE WITH AF DWG NO. 59B91983	2	
- 64	5116872-1	FLAP ASSY, ENGINE COWLING MODIFY IN ACCORDANCE WITH AF DWG NO. 59B91983	1	

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
41	CONTINUED			
- 65	5116872-12	FLAP ASSY, ENGINE COWLING BOTTOM (LH ONLY) MODIFY IN ACCORDANCE WITH AF DWG NO. 59B91983	1	AB
	5116872-1	FLAP ASSY, ENGINE COWLING (LH ONLY) MODIFY IN ACCORDANCE WITH AF DWG NO. 59B91983	1	C
	5116872-1	FLAP ASSY, ENGINE COWLING (RH ONLY) MODIFY IN ACCORDANCE WITH AF DWG NO. 59B91983	1	
- 66	5116872-3	FLAP ASSY, ENGINE COWLING BOTTOM MODIFY IN ACCORDANCE WITH AF DWG NO. 59B91983	1	
	2114315	BASE ASSY, COWLING FLAP AND HINGE SUPPORT MODIFY IN ACCORDANCE WITH AF DWG NO. 59B91983	1	
- 67	1116465	BUSHING, COWLING FLAP AND HINGE SUPPORT BASE (SIZE ID TO 0.2495/0.2505 ON INSTL) MODIFY IN ACCORDANCE WITH AF DWG NO. 59B91983	1	
- 68	S131736-3C010	BUSHING, COWLING FLAP AND HINGE SUPPORT BASE MODIFY WITH AF DWG NO. 59B91983	2	
- 69	2114315-2	BASE, COWLING FLAP AND HINGE SUPPORT MODIFY IN ACCORDANCE WITH AF DWG NO. 59B91983	1	
- 70	1117633	ANGLE, COWLING FLAP SHEET REINFORCING LH (LH AND RH) MODIFY IN ACCORDANCE WITH AF DWG NO. 59B91983	1	
- 71	1117633-1	ANGLE, COWLING FLAP SHEET REINFORCING RH (LH AND RH) MODIFY IN ACCORDANCE WITH AF DWG NO. 59B91983	1	
	4204005	BASE ASSY, COWLING FLAP AND HINGE SUPPORT MODIFY IN ACCORDANCE WITH AF DWG NO. 59B91983	1	
- 72	1116465	BUSHING, COWLING FLAP AND HINGE SUPPORT BASE (SIZE ID TO 0.2495/0.2505 ON INSTL) MODIFY IN ACCORDANCE WITH AF DWG NO. 59B91983	1	
- 73	4204005-6	BASE ASSY, COWLING FLAP AND HINGE SUPPORT BRAZED MODIFY IN ACCORDANCE WITH AF DWG NO. 59B91983	1	
- 74	1117631	CLIP, ENGINE COWLING FLAP SPRING STANDARD (USED ON 5116872-1, -2, -4 AND -10) MODIFY IN ACCORDANCE WITH AF DWG NO. 59B91983	1	
	1117631	CLIP, ENGINE COWLING FLAP SPRING STANDARD (USED ON 4140827) MODIFY IN ACCORDANCE WITH AF DWG NO. 59B91983	2	
- 75	1117630	PLATE, COWLING FLAP SPRING RUBBING LH (USED ON 5116872-1, -3 AND -12)	1	
	1139678	PLATE, NOTCHED COWLING FLAP SPRING RUBBING (USED ON 5116872-4)	1	
	1139677	PLATE, NOTCHED COWLING FLAP SPRING RUBBING (USED ON 5116872-10)	1	
- 76	5116872-6	FLAP, ENGINE COWLING STANDARD (USED ON 5116872-2 AND -11) MODIFY IN ACCORDANCE WITH AF DWG NO. 59B91983	1	
- 77	5116872-7	FLAP, ENGINE COWLING STANDARD (USED ON 5116872-3) MODIFY IN ACCORDANCE WITH AF DWG NO. 59B919873	1	
	5116872-5	FLAP, ENGINE COWLING STANDARD (USED ON 5116872-1 AND -12) MODIFY IN ACCORDANCE WITH AF DWG NO. 59B91983	1	
	5116872-8	FLAP, ENGINE COWLING STANDARD (USED ON 5116872-4) MODIFY IN ACCORDANCE WITH AF DWG NO. 59B91983	1	
	5116872-9	FLAP, ENGINE COWLING STANDARD (USED ON 5116872-10) MODIFY IN ACCORDANCE WITH AF DWG NO. 59B91983	1	
	4140827-2	FLAP, SPECIAL COWLING MODIFY IN ACCORDANCE WITH AF DWG NO. 59B91983	1	
- 78	4139222	FLAP ASSY, SPECIAL COWLING LH (LH AND RH)	1	AB
	4206772	FLAP ASSY, SPECIAL COWLING LH (LH AND RH)	1	C
- 79	4139222-1	FLAP ASSY, SPECIAL COWLING RH (LH AND RH)	1	AB
	4206772-1	FLAP ASSY, SPECIAL COWLING RH (LH AND RH)	1	C
	2114315	BASE ASSY, COWLING FLAP AND HINGE SUPPORT	1	AB
	2206773	BASE ASSY, COWLING FLAP AND HINGE SUPPORT SPECIAL	1	C
- 80	1116465	BUSHING, COWLING FLAP AND HINGE SUPPORT BASE (SIZE ID TO 0.2495/0.2505 ON INSTL)	1	
- 81	S131736-3C010	BUSHING, COWLING FLAP AND HINGE SUPPORT BASE	2	
- 82	2114315-2	BASE, COWLING FLAP AND HINGE SUPPORT	1	AB
	2206773-2	BASE, COWLING FLAP AND HINGE SUPPORT SPECIAL	1	C
- 83	1117630	PLATE, COWLING FLAP SPRING RUBBING LH	1	
	1117630-1	PLATE, COWLING FLAP SPRING RUBBING RH	1	
- 84	5142726	SEGMENT ASSY, ANTIDRAG RING TOP (SEE FIG. 42 FOR DETAILS)	1	A
	5116637	SEGMENT ASSY, ANTIDRAG RING TOP (SEE FIG. 42 FOR DETAILS)	1	B
	5206771	SEGMENT ASSY, ANTIDRAG RING TOP (SEE FIG. 42 FOR DETAILS)	1	C
- 85	5143946	SEGMENT ASSY, ANTIDRAG RING LOWER LH (SEE FIG. 43 FOR DETAILS)	1	
- 86	5143947	SEGMENT ASSY, ANTIDRAG RING LOWER RH (SEE FIG. 43 FOR DETAILS)	1	

A 001 THRU 056, 146 THRU 171 AND 555 THRU 558
B 057 THRU 145 AND 178 THRU 182
C 172 THRU 177 AND 183 THRU 554

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

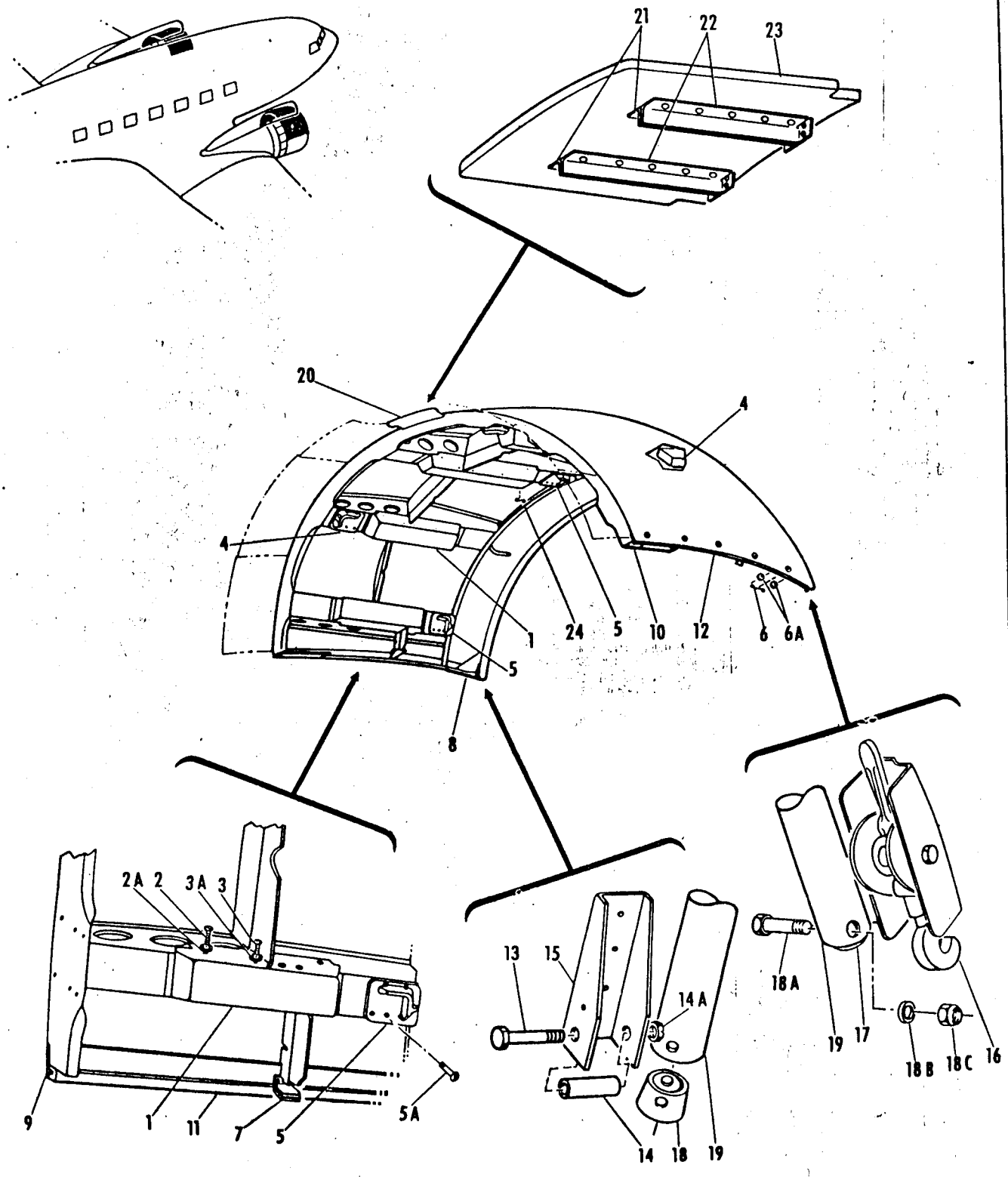


Figure 42. Antidrag Ring Top Segment

V4-89

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
		1 2 3 4 5 6 7		
		SEGMENT ASSY, ANTIDRAG RING TOP (SEE FIG. 41 FOR NHA)	REF	A
42	5142726	SEGMENT ASSY, ANTIDRAG RING TOP (SEE FIG. 41 FOR NHA)	REF	B
	5116637	SEGMENT ASSY, ANTIDRAG RING TOP (SEE FIG. 41 FOR NHA)	REF	C
	5206771	PAD, DAMPENER (00502)	6	AB
- 1	B2680	PAD, DAMPENER (00502)	6	C
	B2680Y	(ATTACHING PARTS)		
- 2	S2656012-4-6	SCREW, RECESSED ROUND HEAD SHEET METAL (ALT PN S1114190A4-6)	24	
- 2A	AN960-4	WASHER	24	
- 3	MS24621-30	SCREW, (ALT PN AN530-8-8)	36	
- 3A	AN960D6	WASHER	36	
		*		
- 4	2114573	BRACKET, ANTIDRAG RING SUPPORT LH (MAKE FROM 2114572)	2	
	2203840	(ALT PN 2203840)	2	
- 5	2114573-1	BRACKET ASSY, ANTIDRAG RING SUPPORT LH	4	
	2203840-1	BRACKET, ANTIDRAG RING SUPPORT RH (MAKE FROM 2114572-1)		
		(ALT PN 2203840-1)	4	
- 5A	AN515-8R9	BRACKET ASSY, ANTIDRAG RING SUPPORT RH		
		(ATTACHING PARTS)	30	
- 6	S6-425	SCREW, (ALT PN AN515-8-9)	10	
- 6A	AN960D6	*	20	
- 7	5142726-4	SPRING, (72794)	2	A
	5116637-4	WASHER	2	B
	5206771-4	STRIP, ANTIDRAG RING TOP SEGMENT	2	C
- 8	5142726-2	STRIP, ANTIDRAG RING TOP SEGMENT	2	A
	5116637-2	STRIP, ANTIDRAG RING TOP SEGMENT	2	B
	5206771-2	STRIP, ANTIDRAG RING TOP SEGMENT	2	C
- 9	1119078	BLOCK, ANTIDRAG RING GROOVE CHANNEL END LH	1	
- 10	1119078-1	BLOCK, ANTIDRAG RING GROOVE CHANNEL END RH	1	
- 11	3119067	CHANNEL, ANTIDRAG RING GROOVE LH (MAKE FROM S1001731-1928)	1	
- 12	3119067-1	CHANNEL, ANTIDRAG RING GROOVE RH (MAKE FROM S1001731-1928)	1	
- 13	AN3-12	BOLT	1	
- 14	NAS43HT3-48	SPACER, (ALT PN S2033900-4S028-024)	1	
- 14A	AN320-3	NUT	1	
- 15	2114575	BRACKET, ANTIDRAG RING NOSE	1	
- 16	2114574	TOGGLE ASSY, ANTIDRAG RING NOSE (SEE FIG. 44 FOR DETAILS)	1	
	4117307	EDGE ASSY, ANTIDRAG RING TOP LEADING	1	
- 17	1119655	PLUG, ANTIDRAG RING LEADING EDGE MALE	1	
- 18	1119654	PLUG, ANTIDRAG RING LEADING EDGE FEMALE		
		(ATTACHING PARTS)	2	
- 18A	AN526-1032-22	SCREW	2	
- 18B	AN960-10	WASHER	2	
- 18C	MS21044N3	NUT, (ALT PN AN365-1032)		
		*		
- 19	4117307-2	EDGE, ANTIDRAG RING TOP LEADING (MAKE FROM S1117297-5816)	1	
- 20	4206770	FLAP, COWLING FIXED	1	C
	2119113	FLAP ASSY, COWLING FIXED	1	AB
- 21	1119079	ANGLE, COWLING FIXED FLAP LH	2	AB
- 22	1119079-1	ANGLE, COWLING FIXED FLAP RH	2	AB
- 23	2119113-2	FLAP, COWLING FIXED	1	AB
- 24	99797	SPRING, (61864)	6	AB
		A 001 THRU 056, 146 THRU 171 AND 555 THRU 558		
		B 057 THRU 145 AND 178 THRU 182		
		C 172 THRU 177 AND 183 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

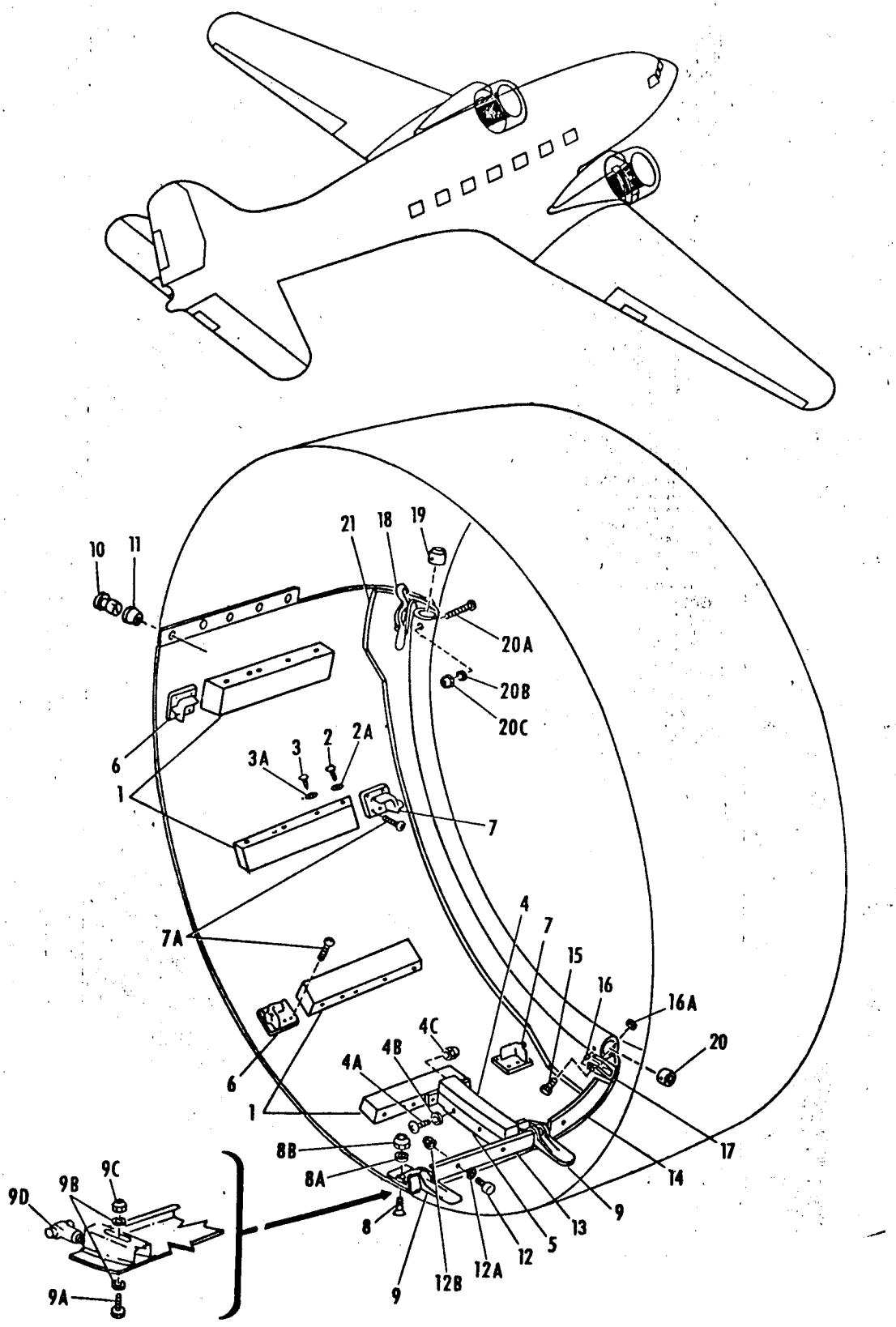


Figure 43. Antidrag Ring Lower Segment

V4-90

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
43	5143946	SEGMENT ASSY, ANTIDRAG RING LOWER LH (SEE FIG. 41 FOR NHA)	REF	
	5143947	SEGMENT ASSY, ANTIDRAG RING LOWER RH (SEE FIG. 41 FOR NHA)	REF	
- 1	B2680Y	PAD, DAMPENER (00502)	4	
		(ATTACHING PARTS)		
- 2	S2656012-4-6	SCREW, RECESSED ROUND HEAD SHEET METAL (ALT PN S1114190A4-6)	16	
- 2A	AN960-4	WASHER	16	
- 3	MS24621-30	SCREW, (ALT PN AN530-8-8)	24	
- 3A	AN960D8	WASHER	24	
- 4	A2681-4-8	PAD, DAMPENER (83930)	1	
		(ATTACHING PARTS)		
- 4A	MS24621-17	SCREW, (ALT PN AN530-6-6)	4	
- 4B	AN960D6	WASHER	4	
- 4C	1181-6Z	NUT, SPEED (78553) (ALT PN 1181M1 (78553))	4	
- 5	2135598	FLANGE, ANTIDRAG RING FRONT BAFFLE LOWER END LH (USED ON 5143946)	1	
	2135598-1	FLANGE, ANTIDRAG RING FRONT BAFFLE LOWER END RH (USED ON 5143947)	1	
- 6	2114573	BRACKET, ANTIDRAG RING SUPPORT LH (LH AND RH) (MAKE FROM 2114572) (ALT PN 2203840)	2	
	2203840	BRACKET ASSY, ANTIDRAG RING SUPPORT LH (LH AND RH)	2	
- 7	2114573-1	BRACKET, ANTIDRAG RING SUPPORT RH (LH AND RH) (MAKE FROM 2114572-1) (ALT PN 2203840-1)	2	
	2203840-1	BRACKET ASSY, ANTIDRAG RING SUPPORT RH (LH AND RH)	2	
		(ATTACHING PARTS)		
- 7A	AN515-8-9	SCREW	20	
- 8	AN509-10R10	SCREW, (ALT PN S1029421-10-10) (USED ON 5143946)	4	
- 8A	AN960-10	WASHER, (USED ON 5143946)	4	
- 8B	MS21044N3	NUT, (ALT PN AN365-1032) (USED ON 5143946)	4	
- 9	4118402	LEVER ASSY, ANTIDRAG RING (USED ON 5143946) (SEE FIG. 44 FOR DETAILS)	2	
- 9A	AN3-12A	BOLT, (USED ON 5143947)	2	
- 9B	AN960-10L	WASHER, (USED ON 5143947)	4	
- 9C	MS21044N3	NUT, (ALT PN AN365-1032A) (USED ON 5143947)	2	
- 9D	4118464	LINK ASSY, ANTIDRAG RING (USED ON 5143947) (SEE FIG. 44 FOR DETAILS)	2	
- 10	FA6-1/2-55	FASTENER, (72794) (ALT PN FA6-1/2-56 (72794))	5	
- 11	GF6-1/2-250	GROMMET, (72794)	5	
- 12	S120357-6A16	STUD, COWLING FASTENER (USED ON 5143947)	4	
- 12A	AN940-316	WASHER, (USED ON 5143947)	4	
- 12B	MS21044N3	NUT, (ALT PN AN365-1032) (USED ON 5143947)	4	
- 13	5143947-2	STRIP, ANTIDRAG RING LOWER SEGMENT	1	
- 14	5143947-4	STRIP, ANTIDRAG RING LOWER SEGMENT	1	
- 15	AN3-12	BOLT	1	
- 16	NAS43HT3-48	SPACER, (ALT PN S2033900-4S028-024)	1	
- 16A	AN320-3	NUT	1	
- 17	2114575	BRACKET, ANTIDRAG RING NOSE	1	
- 18	2114574	TOGGLE, ANTIDRAG RING NOSE (SEE FIG. 44 FOR DETAILS)	1	
	4135163	EDGE ASSY, ANTIDRAG RING LOWER LEADING	1	
- 19	1119655	PLUG, ANTIDRAG RING LEADING EDGE MALE	1	
- 20	1119654	PLUG, ANTIDRAG RING LEADING EDGE FEMALE	1	
		(ATTACHING PARTS)		
- 20A	AN526-1032-22	SCREW	2	
- 20B	AN960-10	WASHER	2	
- 20C	MS21044N3	NUT, (ALT PN AN365-1032)	2	
- 21	4135163-2	EDGE, ANTIDRAG RING LOWER LEADING (MAKE FROM S1117297-3900)	1	

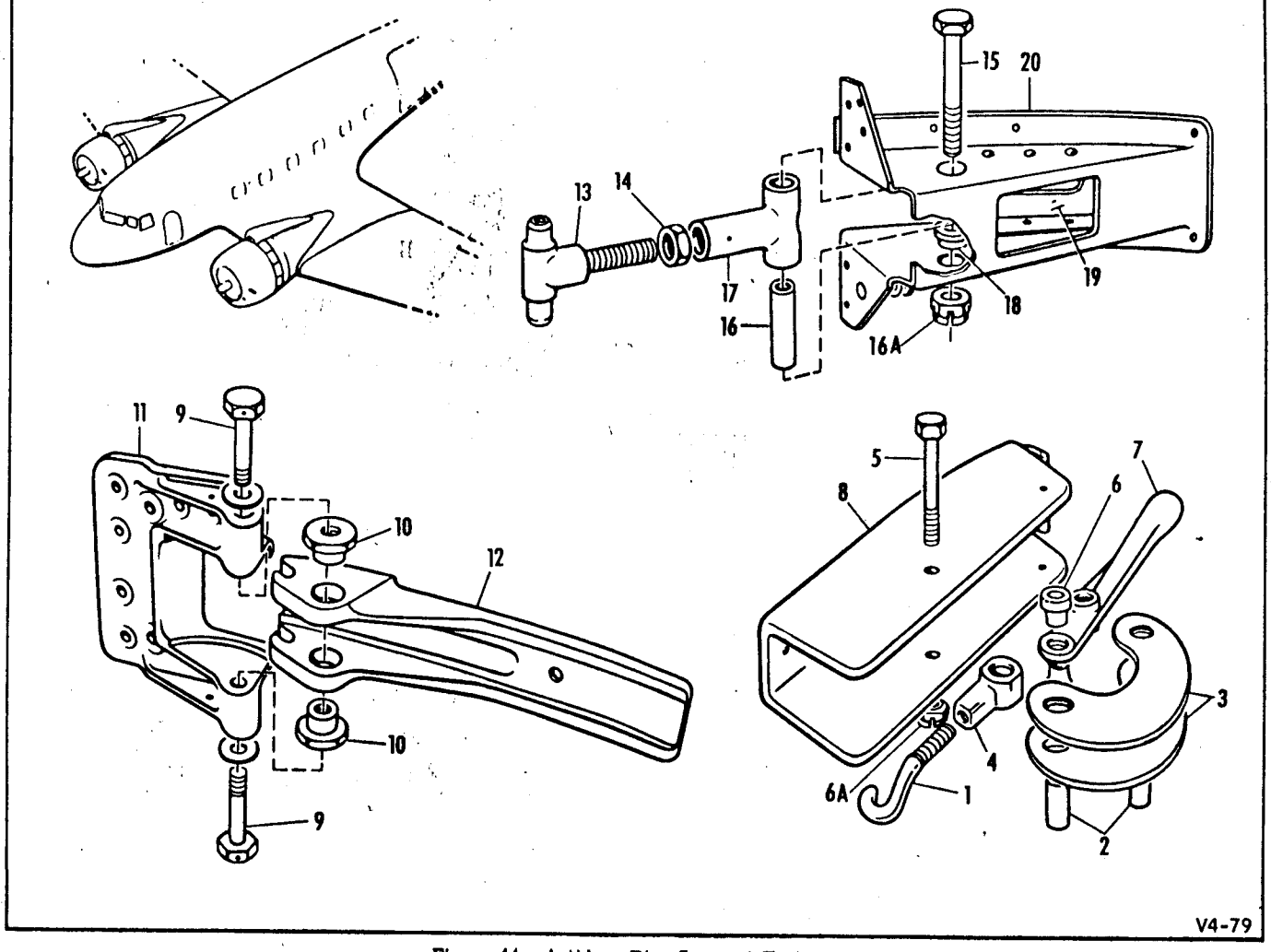


Figure 44. Antidrag Ring Segment Fasteners

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
44		ANTIDRAG RING SEGMENT FASTENERS		
	2114574	TOGGLE ASSY, ANTIDRAG RING NOSE (SEE FIG. 42 AND 43 FOR NHA)	REF	
- 1	1117628	HOOK, ANTIDRAG RING FASTENER (MAKE FROM S1032828)	1	
- 2	1117632	PIN, ANTIDRAG RING FASTENER	2	
- 3	2114844	LINK, ANTIDRAG RING FASTENER	2	
- 4	1117634	END, ANTIDRAG RING FASTENER HOOK EYE	1	
- 5	AN3-12	BOLT	1	
- 6	1115128	SPACER, ANTIDRAG RING TOGGLE	2	
- 6A	AN310-3	NUT	1	
- 7	2115035	TOGGLE, ANTIDRAG RING (MAKE FROM S2115380)	1	
- 8	2114845	BRACKET, ANTIDRAG RING TOGGLE	1	
	4118402	LEVER ASSY, ANTIDRAG RING (SEE FIG. 43 FOR NHA)	REF	
- 9	S132100-4-11A	BOLT, SPECIAL	2	
	AN960-416	WASHER	2	
- 10	1119947	BEARING, ANTIDRAG RING TOGGLE	2	
- 11	2119950	BRACKET, ANTIDRAG RING LEVER REAR (MAKE FROM S4118870)	1	
- 12	4119951	LEVER, ANTIDRAG RING TOGGLE (MAKE FROM S4117237)	1	
	4118464	LINK ASSY, ANTIDRAG RING (SEE FIG. 43 FOR NHA)	REF	
- 13	2119949	LINK, ANTIDRAG RING TOGGLE MALE (MAKE FROM S2117234)	1	
- 14	AN316-6R	NUT	1	
- 15	AN4-17	BOLT	1	
- 16	S1026614-4-102	SPACER, OD BEARING	1	
- 16A	AN310-4	NUT	1	
- 17	2119948	LINK, ANTIDRAG RING TOGGLE FEMALE (MAKE FROM S2117235)	1	
	4118145	BRACKET ASSY, ANTIDRAG RING LINK	1	
- 18	1130056	BEARING, ANTIDRAG RING BRACKET	2	
- 19	1139493	CHANNEL, ANTIDRAG RING BRACKET	1	
- 20	4118145-2	BRACKET, ANTIDRAG RING LINK	1	

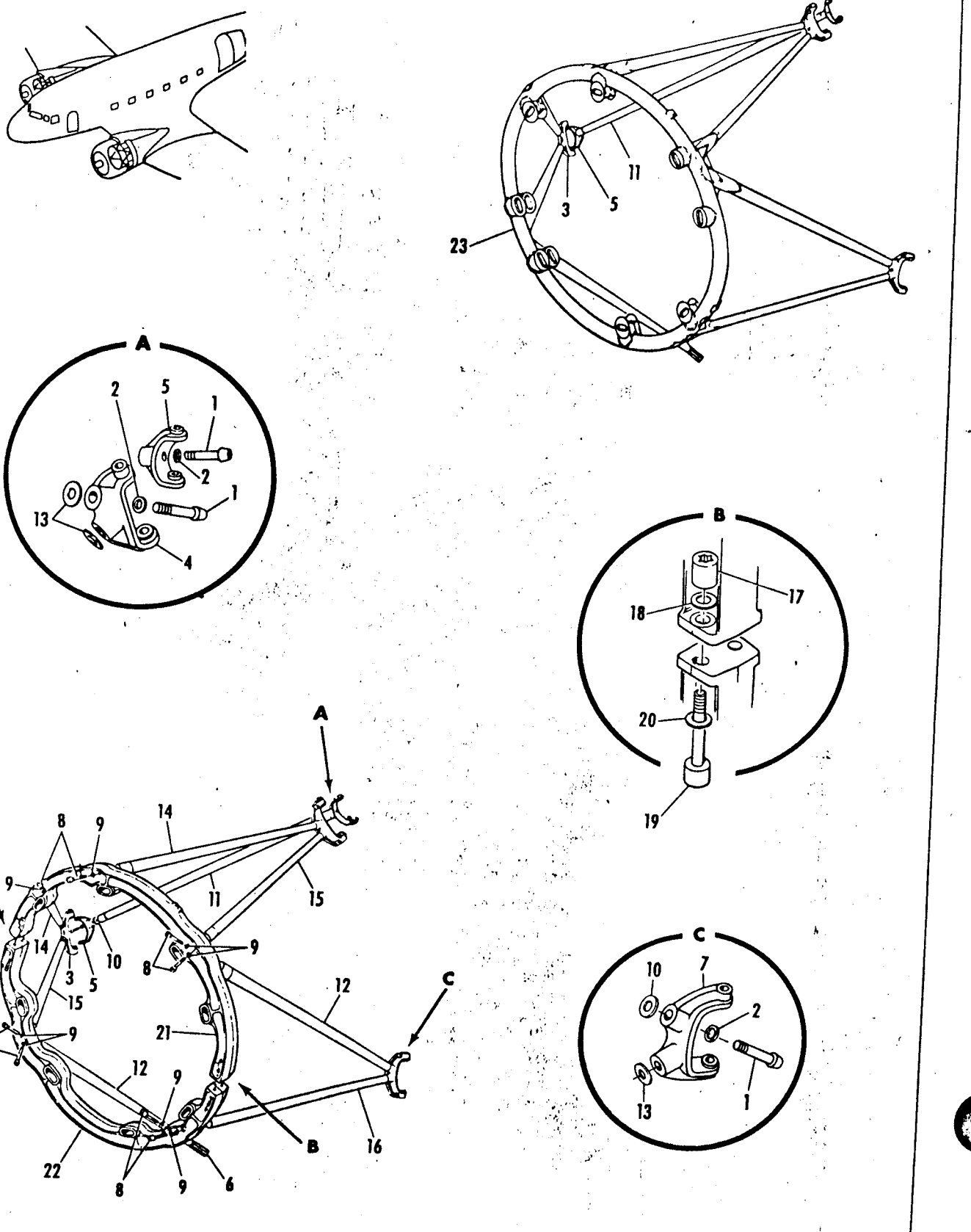


Figure 45. Engine Mount

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
45	5110599	MOUNT ASSY, ENGINE (ALT PN 5141024) (SEE FIG. 39 FOR NHA)	REF	
	5141024	MOUNT ASSY, ENGINE (SEE FIG. 39 FOR NHA)	REF	
- 1	NAS147DH-32	BOLT, (ALT PN S2076907-20)	10	
- 2	MS20002C7	WASHER, (ALT PN S1075888-7A)	10	
- 3	4114540	FITTING ASSY, ENGINE MOUNT WIDE UPPER LH	1	
- 4	4114540-1	FITTING ASSY, ENGINE MOUNT WIDE UPPER RH	1	
- 5	2114539	FITTING, ENGINE MOUNT UPPER (MAKE FROM 4113990)	2	
- 6	4114541	FITTING ASSY, ENGINE MOUNT LOWER LH	1	
- 7	4114541-1	FITTING ASSY, ENGINE MOUNT LOWER RH	1	
- 8	NAS147DH-30	BOLT, (ALT PN S2076907-17)	8	
- 9	MS20002C7	WASHER, (ALT PN S1075888-7A)	8	
- 10	1117458-2	WASHER, LAMINATED	3	
- 11	2115030-5	TUBE ASSY, ENGINE MOUNT	1	
- 12	2115030-2	TUBE ASSY, ENGINE MOUNT	2	
- 13	1117458-1	WASHER, LAMINATED	6	
- 14	2115030-4	TUBE ASSY, ENGINE MOUNT	2	
- 15	2115030-3	TUBE ASSY, ENGINE MOUNT	2	
- 16	2115030-1	TUBE ASSY, ENGINE MOUNT	2	
- 17	12NB070	NUT, INTERNAL WRENCHING (72962) (ALT PN 12B070 (72962))	4	
- 18	MS20002-7	WASHER, (ALT PN S1075888-7)	4	
- 19	NAS147DH-26	BOLT, (ALT PN S2076907-15)	4	
- 20	MS20002C7	WASHER, (ALT PN S1075888-7A)	4	
- 21	5115027	RING, ENGINE MOUNT UPPER HALF (MAKE FROM 5113884 OR 5140726)	1	
- 22	5115028	RING, ENGINE MOUNT LOWER HALF (MAKE FROM 5115026 OR 5140725)	1	
- 23	5141024-4	RING ASSY, ENGINE MOUNT (WELDED)	1	

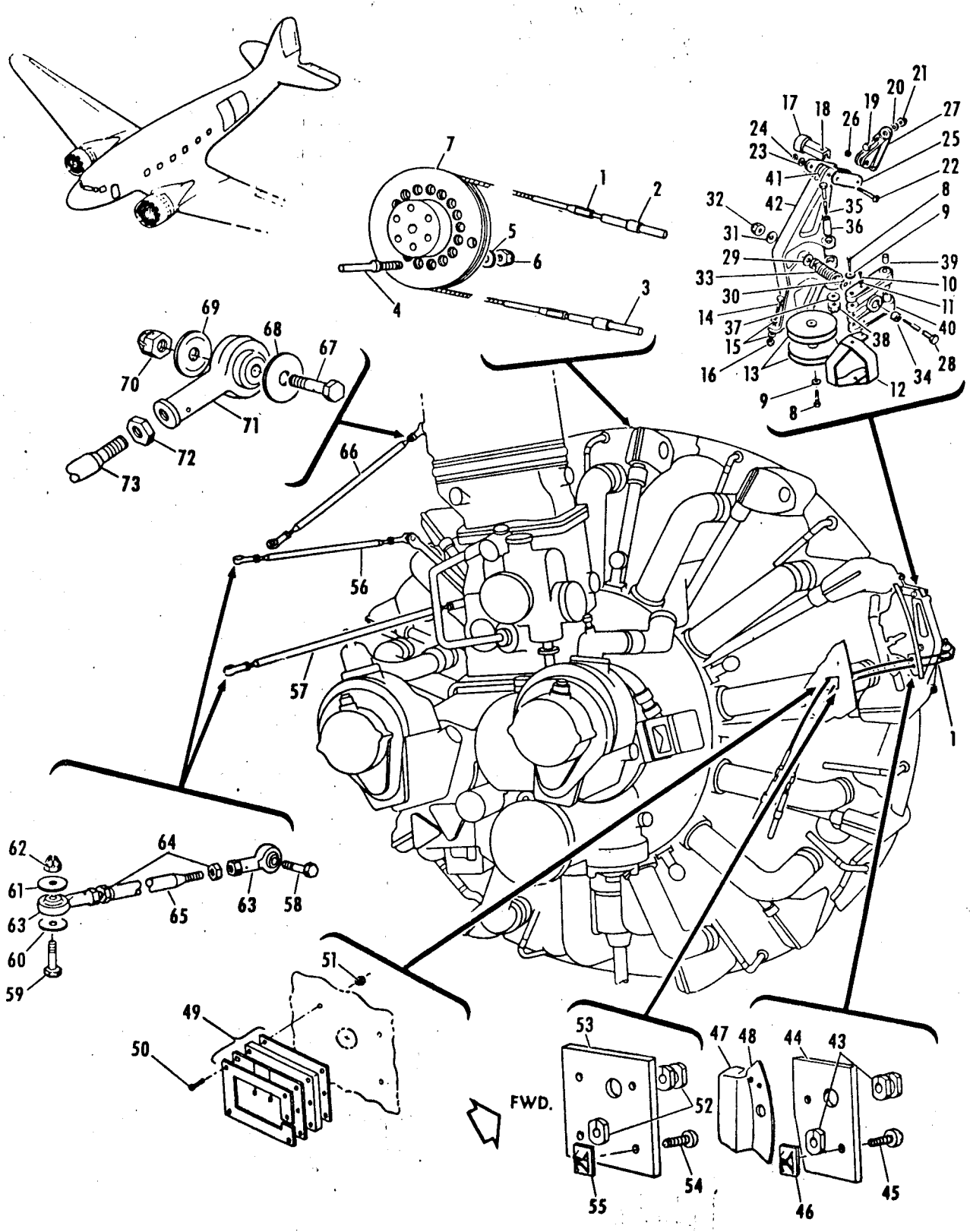


Figure 46. Engine Section Control

V4-99

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
46	5110573	CONTROL INSTL, ENGINE SECTION LH (SEE FIG. 39 FOR NHA)	REF	A
	5204655	CONTROL INSTL, ENGINE SECTION LH (SEE FIG. 39 FOR NHA)	REF	B
	5110573-1	CONTROL INSTL, ENGINE SECTION RH (SEE FIG. 39 FOR NHA)	REF	A
	5204655-1	CONTROL INSTL, ENGINE SECTION RH (SEE FIG. 39 FOR NHA)	REF	B
	2116733	PULLEY ASSY, PROPELLER PITCH CONTROL CABLE (LH ONLY)	1	
	2116733-1	PULLEY ASSY, PROPELLER PITCH CONTROL CABLE (RH ONLY)	1	
- 1	2116733-4	CABLE ASSY, PROPELLER PITCH CONTROL PULLEY LH	1	
	2116733-5	CABLE ASSY, PROPELLER PITCH CONTROL PULLEY RH	1	
- 2	MS21251B3S	TURNBUCKLE BODY, (ALT PN AN155-16S)	1	
- 3	MS21251B3L	TURNBUCKLE BODY, (ALT PN AN155-16L)	1	
- 4	1143132	PIN, PROPELLER PITCH CONTROL PULLEY	1	
- 5	AN960-10	WASHER	1	
- 6	AN310-3	NUT	1	
- 7	62B44160	PULLEY ASSY, PROPELLER PITCH CONTROL LH	1	
	322489	PULLEY ASSY, PROPELLER PITCH CONTROL RH (73030)	1	
- 8	1116738	BOLT, PROPELLER PITCH CONTROL IDLER PULLEY	2	
- 9	AN960-10L	WASHER	2	A
- 10	MS35265-60	SCREW, (ALT PN AN500A10-5)	2	B
	MS35265-42	SCREW, (ALT PN AN500A8-5)	2	A
- 11	AN960-10	WASHER	2	B
	AN960-8	WASHER	1	
- 12	2114439	GUARD ASSY, PROPELLER PITCH CONTROL PULLEY BRACKET	2	
- 13	MS24566-2B	PULLEY, (ALT PN AN210-2A)	2	
- 14	AN4-12	BOLT	4	
- 15	AN960-416	WASHER	2	
- 16	AN310-4	NUT	1	
	2116035	LUG ASSY, ANTIDRAG RING SUPPORT	1	
- 17	2116035-2	HOSE, ANTIDRAG RING SUPPORT LUG	1	
- 18	2116035-4	LUG, ANTIDRAG RING SUPPORT (MAKE FROM S1114438-308)	1	
	5114463	BRACKET ASSY, PROPELLER PITCH CONTROL IDLER PULLEY LH	1	
	5114462	BRACKET ASSY, PROPELLER PITCH CONTROL IDLER PULLEY RH	1	
		(ATTACHING PARTS)		
- 19	AN4-10	BOLT	2	
- 20	AN960-416	WASHER	2	
- 21	AN310-4	NUT	2	
		---*---		
- 22	AN23-17	BOLT	2	
- 23	AN960-10L	WASHER	2	
- 24	AN320-3	NUT	2	
- 25	1118155	LINK, PROPELLER PITCH CONTROL	3	
	2139093	BRACKET ASSY, PROPELLER PITCH CONTROL SPECIAL	1	
- 26	S131736-3S006	BUSHING	2	
- 27	2139093-2	BRACKET, PROPELLER PITCH CONTROL SPECIAL	1	
- 28	1205414	BOLT, PROPELLER PITCH CONTROL IDLER SPECIAL	1	
- 29	S124682-3S10-035	WASHER	1	
- 30	S124682-4S10-035	WASHER	1	
- 31	S124682-3S10-062	WASHER	1	
- 32	AN310-3	NUT	1	
- 33	1205396	SPRING, PROPELLER PITCH CONTROL PULLEY BRACKET	1	
- 34	1142291	BUSHING, PROPELLER PITCH CONTROL	1	
- 35	AN3-30	BOLT	1	
- 36	S154528-3S240	SPACER, BEARING BOLT	1	
- 37	AN960-10L	WASHER	1	
- 38	AN310-3	NUT	1	
	4139081	BRACKET ASSY, PROPELLER PITCH CONTROL IDLER PULLEY PIVOT LH	1	
	4139080	BRACKET ASSY, PROPELLER PITCH CONTROL IDLER PULLEY PIVOT RH	1	
- 39	S1114425	BEARING, PROPELLER PITCH CONTROL PULLEY BRACKET (SIZE ID TO 0.3105/0.3120 ON LH INSTL AND TO 0.313/0.314 ON RH INSTL)	2	
- 40	4139081-2	BRACKET, PROPELLER PITCH CONTROL IDLER PULLEY PIVOT LH	1	
	4139080-2	BRACKET, PROPELLER PITCH CONTROL IDLER PULLEY PIVOT RH	1	
	5139083	MOUNT ASSY, PROPELLER PITCH CONTROL IDLER PULLEY LH	1	
	5139082	MOUNT ASSY, PROPELLER PITCH CONTROL IDLER PULLEY RH	1	
- 41	S131736-3S006	BUSHING	2	
- 42	5139083-2	MOUNT, PROPELLER PITCH CONTROL IDLER PULLEY LH	1	
	5139082-2	MOUNT, PROPELLER PITCH CONTROL IDLER PULLEY RH	1	
- 43	S1039055	BUSHING, CONTROL CABLE FAIRLEAD	2	
- 44	1118220	FAIRLEAD, CYLINDER BAFFLE PROPELLER ENGINE CONTROL CABLE LH	1	
	1118221	FAIRLEAD, CYLINDER BAFFLE PROPELLER ENGINE CONTROL CABLE RH	1	
		(ATTACHING PARTS)		
- 45	MS24621-30	SCREW, (ALT PN AN530-8-8) (LH ONLY)	2	
	MS24621-31	SCREW, (ALT PN AN530-8-10) (RH ONLY)	4	
- 46	NAS446-4-1	NUT, (ALT PN 1778M1 (78553)) (LH ONLY)	2	
	NAS446-4-1	NUT, (ALT PN 1778M1 (78553)) (RH ONLY)	4	
		---*---		
	2118786	BAFFLE ASSY, ENGINE CYLINDER NUMBER 4 PROPELLER CONTROL LH	1	
	2118773	BAFFLE ASSY, ENGINE CYLINDER NUMBER 12 PROPELLER CONTROL RH	1	
- 47	35975	BAFFLE, ENGINE CYLINDER NUMBER 4 AND 12 PROPELLER CONTROL (77445) (GFAE)	1	
- 48	2118786-2	BAFFLE, ENGINE CYLINDER NUMBER 4 PROPELLER CONTROL LH (MAKE FROM 35977 (77445)) (GFAE)	1	
	2118773-2	BAFFLE, ENGINE CYLINDER NUMBER 12 PROPELLER CONTROL RH (MAKE FROM 35977 (77445)) (GFAE)	1	
- 49	S53C10085	GROMMET ASSY, (SEE T.O. 1C-1-212)	1	
		(ATTACHING PARTS)		
- 50	MS35207-271	SCREW, (ALT PN AN520-10-32)	5	
- 51	MS21044N3	NUT, (ALT PN AN365-1032)	5	
		---*---		

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
46 - 52	S1039055	BUSHING, CONTROL CABLE FAIRLEAD	2	
- 53	1118219	FAIRLEAD, NACELLE COWLING RING PROPELLER CONTROL CABLE	1	
		(ATTACHING PARTS)		
- 54	MS24621-30	SCREW, (ALT PN AN530-8-8)	4	
- 55	NAS446-4-1	NUT, (ALT PN 1778M1 (78553))	4	
		---*---		
- 56	S2085485A908	ROD ASSY, 5/16 X 24 FLASH WELDED TYPE BALL BEARING ENGINE CONTROL	1	A
	S2085485A828	ROD ASSY, 5/16 X 24 FLASH WELDED TYPE BALL BEARING ENGINE CONTROL	1	B
- 57	S2085485A1608	ROD ASSY, 5/16 X 24 FLASH WELDED TYPE BALL BEARING ENGINE CONTROL	1	A
	S2085485A1604	ROD ASSY, 5/16 X 24 FLASH WELDED TYPE BALL BEARING ENGINE CONTROL	1	B
		(ATTACHING PARTS)		
- 58	AN4-13	BOLT	1	
- 59	AN4-12	BOLT	3	
- 60	S1035349-1	WASHER, CONTROL ROD END	4	
- 61	AN960-416	WASHER	4	
- 62	AN310-4	NUT	4	
		---*---		
- 63	AN951RE4F4	BEARING, (ALT PN RE4F5 (21335))	2	
- 64	AN316-5R	NUT	2	
- 65	S2085485-908	ROD ASSY, FLASH WELDED	1	A
	S2085485-828	ROD ASSY, FLASH WELDED	1	B
	S2085485-1608	ROD ASSY, FLASH WELDED	1	A
	S2085485-1604	ROD ASSY, FLASH WELDED	1	B
- 66	S2032516A1300	ROD ASSY, BALL BEARING ENGINE CONTROL	1	A
	S2209951-6	ROD ASSY, CARBURETOR AIR INDUCTION CONTROL (LH ONLY)	1	B
	S2209951-8	ROD ASSY, CARBURETOR AIR INDUCTION CONTROL (RH ONLY)	1	B
		(ATTACHING PARTS)		
- 67	AN3-10	BOLT	2	
- 68	S1035349	WASHER	2	
- 69	AN960-10	WASHER	2	
- 70	AN310-3	NUT	2	
		---*---		
- 71	REB3N3	BEARING ASSY, ROD END (21335) (ALT PN 33A6241)	2	
- 72	AN316-4R	NUT	2	
- 73	S2032516-1300	ROD ASSY, BALL BEARING ENGINE CONTROL	1	A
	S2209951-2	ROD ASSY, CONTROL (MAKE FROM S2032516-910) (LH ONLY)	1	B
	S2209951-4	ROD ASSY, CONTROL (MAKE FROM S2032516-910) (RH ONLY)	1	B
		A 001 THRU 171, 178 THRU 182 AND 555 THRU 558		
		B 172 THRU 177 AND 183 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

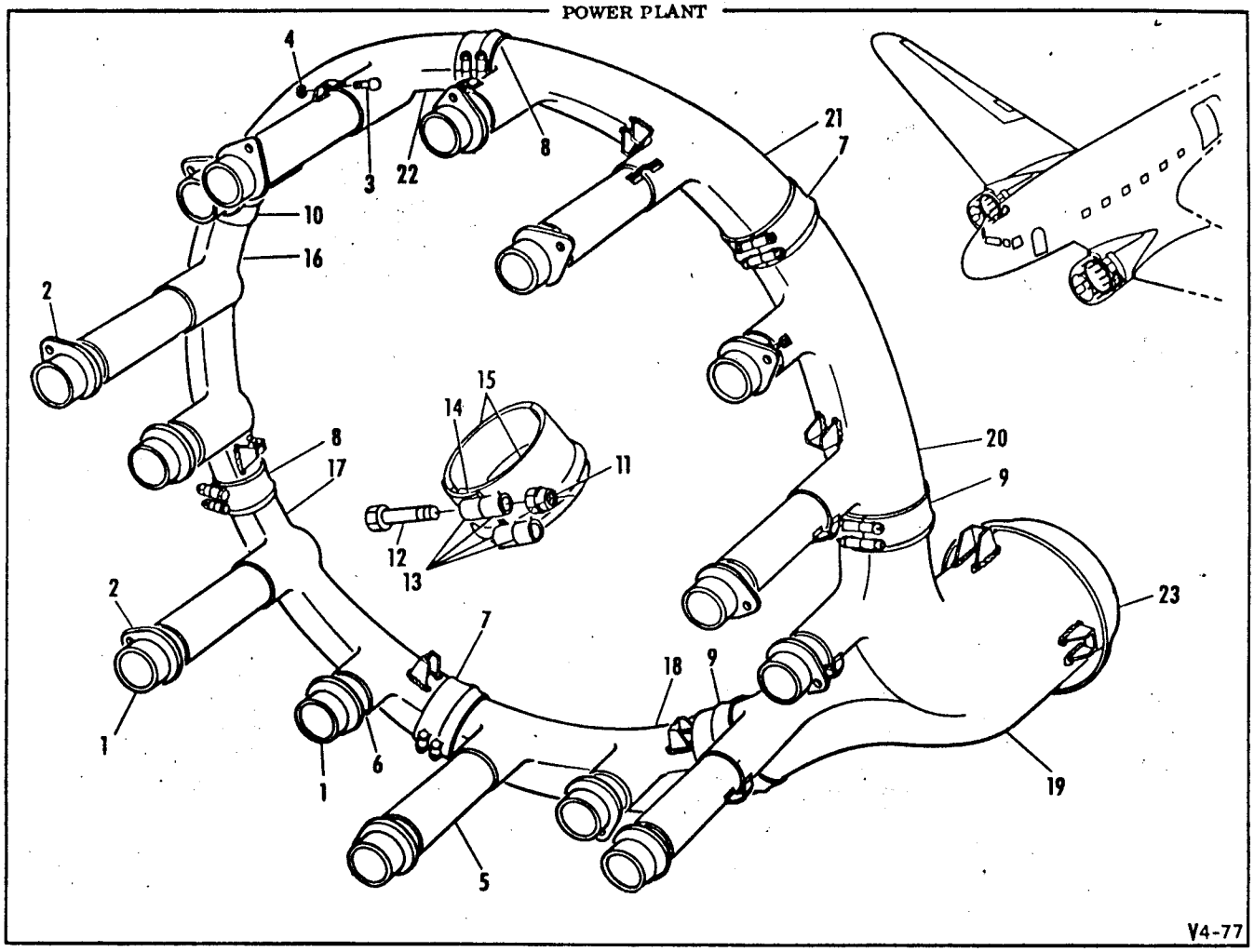


Figure 47. R1830C Exhaust Collector Ring

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
47	5115224	RING ASSY, R1830C EXHAUST COLLECTOR (SEE FIG. 40 FOR NHA)	REF	
- 1	5115224-9	TUBE ASSY, EXHAUST COLLECTOR RING (WELDED)	14	
- 2	1204291	CLIP, (WELDED) (SEE T.O. 1C-47A-26)	AR	
- 3	MS20392-2C11	PIN, (ALT PN AN393-11)	14	
- 4	AN960-10	WASHER	14	
- 5	5115224-10	TUBE ASSY, EXHAUST COLLECTOR RING (WELDED)	7	
- 6	5115224-8	TUBE ASSY, EXHAUST COLLECTOR RING (WELDED)	7	
- 7	S2001405-70	CLAMP ASSY, STRAIGHT EXHAUST SYSTEM (WELDED)	2	
- 8	S2001405-50	CLAMP ASSY, STRAIGHT EXHAUST SYSTEM (WELDED)	2	
- 9	S2001405-84	CLAMP ASSY, STRAIGHT EXHAUST SYSTEM (WELDED)	2	
- 10	S2001405-38	CLAMP ASSY, STRAIGHT EXHAUST SYSTEM (WELDED)	1	
- 11	AN310-4	NUT	2	
- 12	AN4-13	BOLT	2	
- 13	S117425-4C016	BUSHING	4	
- 14	S1001403	STRIP, EXHAUST SYSTEM CLAMP LAP	1	
- 15	S2001405-2070	CLAMP, STRAIGHT EXHAUST HALF (ORDER NHA S2001405-70)	2	
	S2001405-2050	CLAMP, STRAIGHT EXHAUST HALF (ORDER NHA S2001405-50)	2	
	S2001405-2084	CLAMP, STRAIGHT EXHAUST HALF (ORDER NHA S2001405-84)	2	
	S2001405-2038	CLAMP, STRAIGHT EXHAUST HALF (ORDER NHA S2001405-38)	2	
- 16	5115224-1	SEGMENT ASSY, EXHAUST COLLECTOR RING (WELDED)	1	
- 17	5115224-2	SEGMENT ASSY, EXHAUST COLLECTOR RING (WELDED)	1	
- 18	5115224-3	SEGMENT ASSY, EXHAUST COLLECTOR RING (WELDED)	1	
- 19	5115224-4	SEGMENT ASSY, EXHAUST COLLECTOR RING (WELDED)	1	
- 20	5115224-5	SEGMENT ASSY, EXHAUST COLLECTOR RING (WELDED)	1	
- 21	5115224-6	SEGMENT ASSY, EXHAUST COLLECTOR RING (WELDED)	1	
- 22	5115224-7	SEGMENT ASSY, EXHAUST COLLECTOR RING (WELDED)	1	
- 23	2115059	FLANGE, EXHAUST OUTLET UNIVERSAL	2	
		(ATTACHING PARTS)		
	MS20500-524	NUT	14	
	AN960C516	WASHER	14	

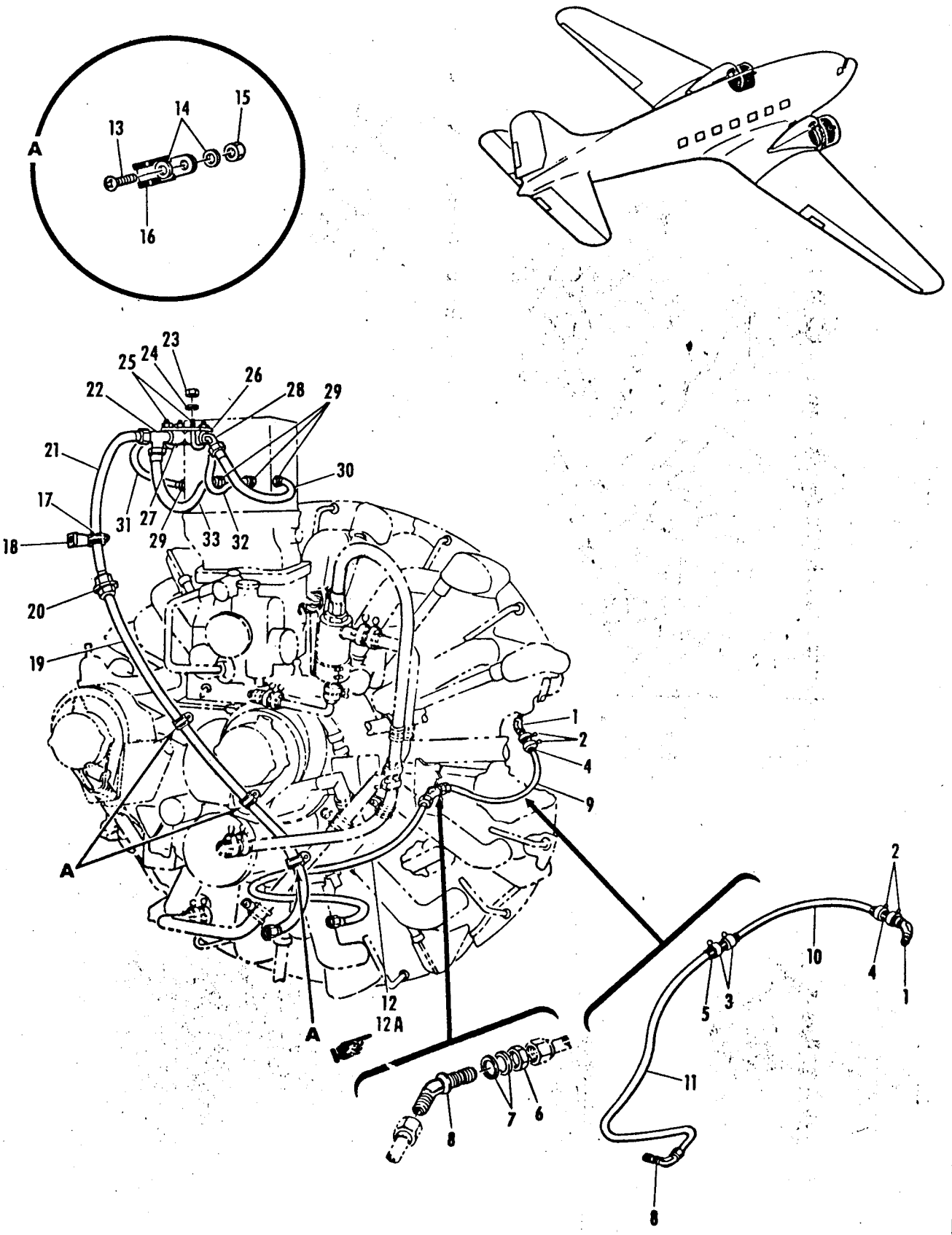
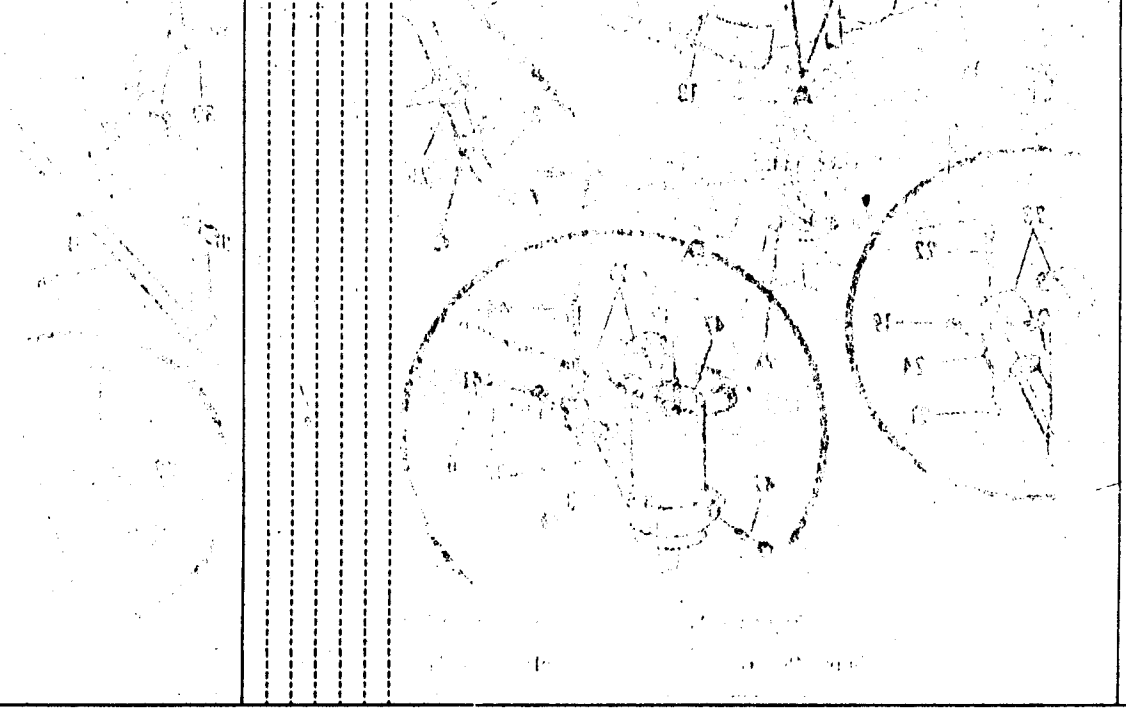


Figure 48. Engine Section Propeller and Carburetor Deicer

V4-105

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
48		ENGINE SECTION PROPELLER AND CARBURETOR DEICER		
	5110574	DEICER INSTL, ENGINE SECTION PROPELLER LH	REF	
		(SEE T.O. 1C-1-31 AND T.O. 1C-1-510) (SEE FIG. 39 FOR NHA)		
	5110574-1	DEICER INSTL, ENGINE SECTION PROPELLER RH	REF	
		(SEE T.O. 1C-1-31 AND T.O. 1C-1-510) (SEE FIG. 39 FOR NHA)		
- 1	AN844-4	ELBOW	1	
- 2	AN737RM22	CLAMP, (ALT PN AN737-22)	2	
- 3	AN737RM22	CLAMP, (ALT PN AN737-22) (RH ONLY)	2	
- 4	3706-4-12	HOSE, PER MIL-H-8794 (79470) (LH ONLY)	1	
- 5	3706-4-12	HOSE, PER MIL-H-8794 (79470) (RH ONLY)	1	
	MS35207-263	SCREW, (ALT PN AN520-10R8) (LH ONLY)	2	
	AN960-10	WASHER, (LH ONLY)	4	
	MS21044N3	NUT, (ALT PN AN365-1032) (LH ONLY)	2	
	MS21919DG8	CLAMP, (ALT PN AN742D10C) (LH ONLY)	2	
	MS21919DG4	CLAMP, (ALT PN AN742D6C) (LH ONLY)	2	
- 6	AN924-4	NUT	1	
- 7	AN960-1016	WASHER, (LH ONLY)	2	
- 8	AN837-4	ELBOW	1	
	MS35207-263	SCREW, (ALT PN AN520-10R8)	4	
	AN960-10	WASHER	8	
	MS21044N3	NUT, (ALT PN AN365-1032)	4	
	MS21919DG8	CLAMP, (ALT PN AN742D10C)	6	
	MS21919DG10	CLAMP, (ALT PN AN742D12C)	2	
- 9	3355035-540	PIPE ASSY, SLINGER RING TO DIAPHRAGM LH	1	
- 10	3355035-592	PIPE ASSY, PROPELLER ALCOHOL SLINGER RING TO HOSE	1	
- 11	3355035-596	PIPE ASSY, PROPELLER ALCOHOL HOSE TO DIAPHRAGM RH	1	
- 12	MS28741-4-0320	HOSE ASSY, LH ENGINE	1	
- 12A	MS28741-4-0350	HOSE ASSY, RH ENGINE	1	
	5141801	SYSTEM INSTL, ENGINE SECTION CARBURETOR DEICER LH	REF	
		(SEE T.O. 1C-1-31 AND T.O. 1C-1-510) (SEE FIG. 39 FOR NHA)		
	5141801-1	SYSTEM INSTL, ENGINE SECTION CARBURETOR DEICER RH	REF	
		(SEE T.O. 1C-1-31 AND T.O. 1C-1-510) (SEE FIG. 39 FOR NHA)		
- 13	MS35207-263	SCREW, (ALT PN AN520-10R8)	3	
- 14	AN960-10	WASHER	6	
- 15	MS21044N3	NUT, (ALT PN AN365-1032)	3	
- 16	MS21919DG4	CLAMP, (ALT PN AN742D6C)	3	
- 17	MS21919DG16	CLAMP, (ALT PN AN742D18C)	1	
- 18	2355053	ANGLE, FLEXIBLE CONDUIT STANDOFF	1	
- 19	3355035-542	PIPE ASSY, FIREWALL TO UNION	1	
- 20	AN815-4	UNION	1	
- 21	MS28741-4-0130	HOSE ASSY	1	
- 22	AN826-4	TEE	1	
- 23	MS21044N3	NUT, (ALT PN AN365-1032)	4	
- 24	AN960-10	WASHER	4	
- 25	1355060	YOKE, CARBURETOR DEICER MANIFOLD CROSS	2	
- 26	1355062	CLIP, CARBURETOR DEICER MANIFOLD CROSS	1	
- 27	AN918-1	CROSS	1	
- 28	MS20823-4	ELBOW, (ALT PN AN823-4)	3	
- 29	AN4022-2	NIPPLE ASSY	4	
- 30	3355035-550	PIPE ASSY, MANIFOLD TO SCOOP CARBURETOR DEICER	1	
- 31	3355035-544	PIPE ASSY, MANIFOLD TO SCOOP CARBURETOR DEICER	1	
- 32	3355035-546	PIPE ASSY, MANIFOLD TO SCOOP CARBURETOR DEICER	1	
- 33	3355035-548	PIPE ASSY, MANIFOLD TO SCOOP CARBURETOR DEICER	1	



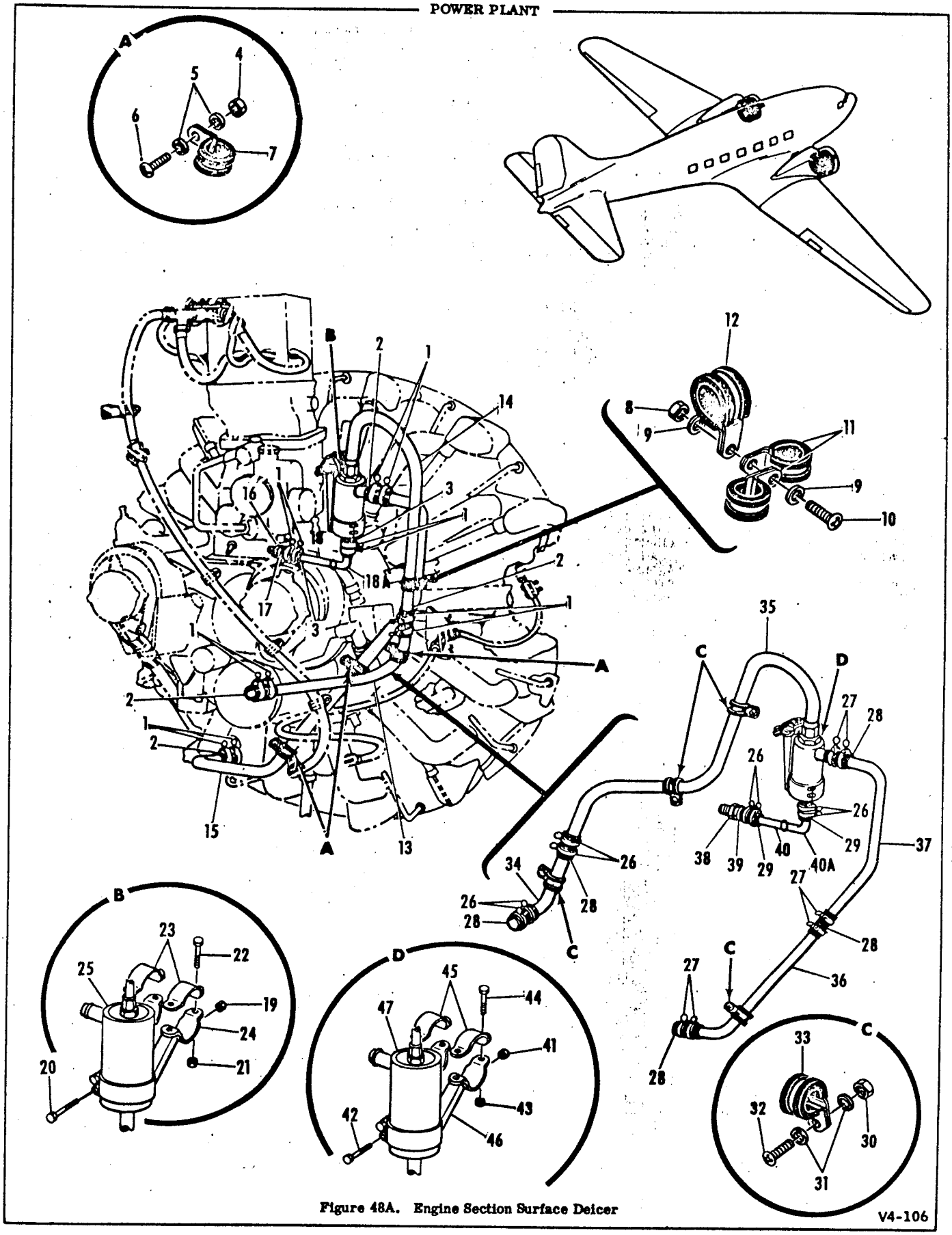


Figure 48A. Engine Section Surface Deicer

V4-106

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
48A	5110575	DEICER INSTL, ENGINE SECTION SURFACE LH	REF	A
		(SEE T.O. 1C-1-31 AND T.O. 1C-1-510) (SEE FIG. 39 FOR NHA)		
	5203740	DEICER INSTL, ENGINE SECTION SURFACE LH	REF	B
		(SEE T.O. 1C-1-31 AND T.O. 1C-1-510) (SEE FIG. 39 FOR NHA)		
- 1	AN737TW34-38	CLAMP, (ALT PN AN737-34)	12	
- 2	MIL-H-6000 Size 12	HOSE	4	
- 3	3706-8-12	HOSE PER MIL-H-8794 (79470)	2	
- 4	MS21044N3	NUT, (ALT PN AN365-1032)	3	
- 5	AN960-10	WASHER	6	
- 6	MS35207-263	SCREW, (ALT PN AN520-10R8)	3	
- 7	MS21919DG12	CLAMP, (ALT PN AN742D14C)	3	
- 8	MS21044N3	NUT, (ALT PN AN365-1032)	1	
- 9	AN960-10	WASHER	2	
- 10	MS35207-265	SCREW, (ALT PN AN520-10R12)	1	
- 11	MS21919DG12	CLAMP, (ALT PN AN742D14C)	2	
- 12	MS21919DG18	CLAMP, (ALT PN AN742D20C)	1	
- 13	3355035-560	PIPE ASSY, FIREWALL TO HOSE SURFACE DEICER	1	
- 14	5204326-4	PIPE ASSY, HOSE TO OIL SEPARATOR SURFACE DEICER LH	1	
	MS21044N3	NUT, (ALT PN AN365-1032)	2	
	AN960-10	WASHER	4	
	MS35207-263	SCREW, (ALT PN AN520-10R8)	2	
	2355041	STRAP, FLEXIBLE CONDUIT STANDOFF	1	
- 15	3355035-562	PIPE ASSY, PUMP TO OIL SEPARATOR SURFACE DEICER	1	
- 16	AN924-4	NUT	1	
- 17	AN840-8	ADAPTER	1	
- 18	3355035-520	PIPE ASSY, OIL SEPARATOR TO REAR CASE SEPARATOR RETURN	1	
-18A	AN914-3	ELBOW	1	
- 19	MS21044N4	NUT, (ALT PN AN365-428)	2	
- 20	AN4-11A	BOLT	2	
- 21	MS21044N3	NUT, (ALT PN AN365-1032)	4	
- 22	AN3-11A	BOLT	4	
- 23	AN741T9	CLAMP	2	
- 24	4116436	BRACKET ASSY, VACUUM PUMP OIL SEPARATOR LH	1	
- 25	4116982	SEPARATOR ASSY, SWIRL TYPE OIL	1	
	5110575-1	DEICER INSTL, ENGINE SECTION SURFACE RH	REF	A
		(SEE T.O. 1C-1-31 AND T.O. 1C-1-510) (SEE FIG. 39 FOR NHA)		
	5203740-1	DEICER INSTL, ENGINE SECTION SURFACE RH	REF	B
		(SEE T.O. 1C-1-31 AND T.O. 1C-1-510) (SEE FIG. 39 FOR NHA)		
- 26	AN737TW34-38	CLAMP, (ALT PN AN737-34)	8	
- 27	AN737TW34-38	CLAMP, (ALT PN AN737-34-38)	6	
- 28	MIL-H-6000 Size 12	HOSE	5	
- 29	3706-8-12	HOSE PER MIL-H-8794 (79470)	2	
- 30	MS21044N3	NUT, (ALT PN AN365-1032)	4	
- 31	AN960-10	WASHER	8	
- 32	MS35207-263	SCREW, (ALT PN AN520-10R8)	4	
- 33	MS21919DG12	CLAMP, (ALT PN AN742D14C)	4	
- 34	3355035-560	PIPE ASSY, FIREWALL TO HOSE SURFACE DEICER	1	
- 35	3355035-558	PIPE ASSY, HOSE TO OIL SEPARATOR SURFACE DEICER RH	1	
- 36	3355035-586	PIPE ASSY, VACUUM PUMP TO OIL SEPARATOR SURFACE DEICER	1	
- 37	3355035-588	PIPE ASSY, HOSE TO OIL SEPARATOR SURFACE DEICER	1	
- 38	AN924-4	NUT	1	
- 39	AN840-8	ADAPTER	1	
- 40	3355035-520	PIPE ASSY, OIL SEPARATOR TO REAR CASE SEPARATOR RETURN	1	
-40A	AN914-3	ELBOW	1	
- 41	MS21044N4	NUT, (ALT PN AN365-428)	2	
- 42	AN4-11A	BOLT	2	
- 43	MS21044N3	NUT, (ALT PN AN365-1032)	4	
- 44	AN3-11A	BOLT	4	
- 45	AN741T9	CLAMP	2	
- 46	4116436-1	BRACKET ASSY, VACUUM PUMP OIL SEPARATOR RH	1	
- 47	4116982	SEPARATOR ASSY, SWIRL TYPE OIL	1	
		A 001 THRU 171, 178 THRU 182 AND 555 THRU 558		
		B 172 THRU 177 AND 183 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

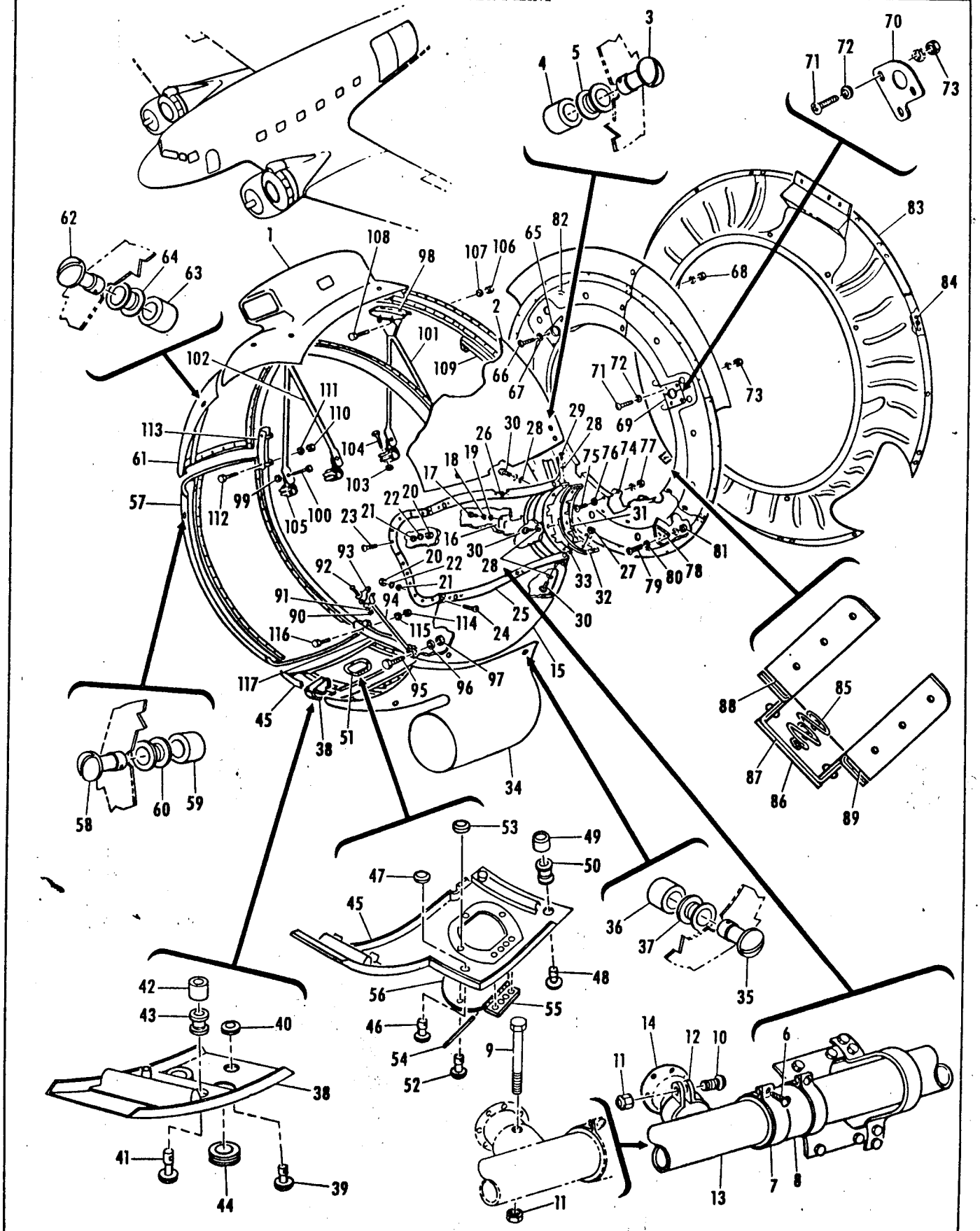


Figure 49. Engine Cowling

V4-165

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
49	5141804	COWLING INSTL, ENGINE LH (SEE FIG. 40 FOR NHA)	REF	A
	5204145	COWLING INSTL, ENGINE LH (SEE FIG. 40 FOR NHA)	REF	B
	5206011	COWLING INSTL, ENGINE LH (SEE FIG. 40 FOR NHA)	REF	C
	5204648	COWLING INSTL, ENGINE LH (SEE FIG. 40 FOR NHA)	REF	D
	5141804-1	COWLING INSTL, ENGINE RH (SEE FIG. 40 FOR NHA)	REF	A
	5204145-1	COWLING INSTL, ENGINE RH (SEE FIG. 40 FOR NHA)	REF	B
	5206011-1	COWLING INSTL, ENGINE RH (SEE FIG. 40 FOR NHA)	REF	C
	5204648-1	COWLING INSTL, ENGINE RH (SEE FIG. 40 FOR NHA)	REF	D
- 1	5115654	COWLING ASSY, NACELLE TOP LH (SEE FIG. 53 FOR DETAILS)	1	A
	5141571	COWLING ASSY, NONRAM SCOOP TOP SEGMENT LH (SEE FIG. 51 FOR DETAILS)	1	B
	5209901	SCOOP ASSY, CARBURETOR AIR INDUCTION LH (SEE FIG. 50 FOR DETAILS)	1	C
	5206503	SCOOP ASSY, CARBURETOR AIR INDUCTION ALTERNATE LH (SEE FIG. 54 FOR DETAILS)	1	D
	5115654-1	COWLING ASSY, NACELLE TOP RH (SEE FIG. 53 FOR DETAILS)	1	A
	5141571-1	COWLING ASSY, NONRAM SCOOP TOP SEGMENT RH (SEE FIG. 51 FOR DETAILS)	1	B
	5209901-1	SCOOP ASSY, CARBURETOR AIR INDUCTION RH (SEE FIG. 50 FOR DETAILS)	1	C
	5206503-1	SCOOP ASSY, CARBURETOR AIR INDUCTION ALTERNATE RH (SEE FIG. 54 FOR DETAILS)	1	D
- 2	5115647	COWLING ASSY, NACELLE OUTBOARD CENTER LH	1	
	5115647-1	COWLING ASSY, NACELLE OUTBOARD CENTER RH	1	
- 3	AJ6-1/2-90	FASTENER, (72794)	8	
- 4	NAS43DD10-30	SPACER, (ALT PN S2033901-12D516-015)	8	
- 5	GAS5-1/2.632	GROMMET, SPECIAL (T DIMENSION 0.651) (72794)	8	
- 6	MS24621-45	SCREW, (ALT PN AN530-10-12)	2	BE
- 7	S1159934-300	CLAMP ASSY, AIR DUCT COUPLING	2	B,DE
	1189638	CLAMP ASSY, AIR DUCT COUPLING	2	C
- 8	S2119288-32	HOSE, HEAT AND VENT DUCT CONNECTING (Alt PN 4415643-21-14)	1	BE
- 9	AN3-20	BOLT	1	BC,E
	AN3-20A	BOLT	1	D
- 10	MS35207-266	SCREW, (ALT PN AN520-10-14)	1	D
- 11	AN310-3	NUT	1	BC,E
	MS21044N3	NUT, (ALT PN AN365-1032)	2	D
- 12	1204778	CLAMP, AIR SCOOP SUPPORT	1	D
- 13	4142360	SCOOP ASSY, HEAT EXCHANGER AIR MUFF (DRILL ON INSTL)	1	BE
- 14	2202932	SUPPORT ASSY, HEAT AND VENT AIR SCOOP INBOARD (DRILL ON INSTL)	1	BE
- 15	5115653	COWLING ASSY, NACELLE OUTBOARD BOTTOM LH (SEE FIG. 56 FOR DETAILS)	1	F
	5142362	COWLING ASSY, NACELLE OUTBOARD BOTTOM LH (SEE FIG. 56 FOR DETAILS)	1	BE
	5115653-1	COWLING ASSY, NACELLE OUTBOARD BOTTOM RH (SEE FIG. 56 FOR DETAILS)	1	F
	5142362-1	COWLING ASSY, NACELLE OUTBOARD BOTTOM RH (SEE FIG. 56 FOR DETAILS)	1	BE
- 16	2115611	PLATE, TAIL PIPE JOINT COVER (ATTACHING PARTS)	1	
- 17	MS35207-262	SCREW, (ALT PN AN520-10-7)	4	
- 18	MS35338-43	WASHER, (ALT PN AN935-10)	4	
- 19	AN960C10L	WASHER	4	
- 20	AN340-8	NUT	25	
- 21	AN960C8	WASHER	25	
- 22	MS35338-42	WASHER, (ALT PN AN935-8)	25	
- 23	MS35206-242	SCREW, (ALT PN AN515-8-5)	19	
- 24	AN507-832R5	SCREW, (ALT PN S1087510-8-5)	6	
- 25	5115649	SHROUD ASSY, EXHAUST TAIL PIPE (DRILL ON INSTL)	1	
- 26	125	SPRING, (72794)	4	
- 27	AN345-10	NUT	1	
- 28	MS35338-43	WASHER, (ALT PN AN935-10)	4	
	AN960C10L	WASHER	4	
- 29	MS35207-261	SCREW, (ALT PN AN520-10-6)	1	
- 30	MS35207-263	SCREW, (ALT PN AN520-10-8)	3	
- 31	1115600	SEAL, TAIL PIPE SUPPORT BRACKET	2	
- 32	1115601	SEAL, TAIL PIPE SUPPORT BRACKET COVER	2	
- 33	4115640	COLLAR ASSY, TAIL PIPE SHROUD JOINT SEAL LH	1	
	4115640-1	COLLAR ASSY, TAIL PIPE SHROUD JOINT SEAL RH	1	
- 34	5115656	FAIRING ASSY, 11 IN. OIL COOLER LH	1	G
	5203075	FAIRING ASSY, 11 IN. OIL COOLER LH	1	H
	5115656-1	FAIRING ASSY, 11 IN. OIL COOLER RH	1	G
	5203075-1	FAIRING ASSY, 11 IN. OIL COOLER RH	1	H
- 35	AJ6-1/2-90	FASTENER, (72794)	7	
- 36	NAS43DD10-30	SPACER, (ALT PN S2033901-12D516-015)	7	
- 37	GAS5-1/2.632	GROMMET, SPECIAL (T DIMENSION 0.651) (72794)	7	
- 38	4115642	PANEL ASSY, COWLING FLAP HYDRAULIC PIPE LH	1	
	4115642-1	PANEL ASSY, COWLING FLAP HYDRAULIC PIPE RH	1	
- 39	AJ6-1/2-40	FASTENER, (72794)	1	
- 40	GA6-1/2-375	GROMMET, (72794)	1	
- 41	AJ6-1/2-90	FASTENER, (72794)	2	
- 42	NAS43DD10-30	SPACER, (ALT PN S2033901-12D516-015)	2	
- 43	NO NUMBER	GROMMET, SLEEVE TYPE (T DIMENSION 0.632) (72794)	2	
- 44	MS35489-20	GROMMET, (ALT PN AN931-12-17)	2	

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
49	CONTINUED			
- 45	5115655	COWLING ASSY, NACELLE INBOARD BOTTOM LH	1	
	5115655-1	COWLING ASSY, NACELLE INBOARD BOTTOM RH	1	
- 46	A6-1/2-40	FASTENER, (72794)	1	
- 47	500	GROMMET, (72794)	1	
- 48	AJ6-1/2-90	FASTENER, (72794)	4	
- 49	NAS43DD10-30	SPACER, (ALT PN S2033900-12D120-015)	4	
- 50	NO NUMBER	GROMMET, SPECIAL (T DIMENSION 0.651) (72794)	4	
- 51	4136808	DOOR ASSY, HAND STARTER MESHING DEVICE ACCESS (USED ON LH ASSY)	1	
- 52	A5-30	FASTENER, (72794)	3	
- 53	GA5-312	GROMMET, (72794)	3	
- 54	S121873-091-408	PIN, SAFETY	1	
- 55	S129787D412	HINGE, DRILLED HOOD 1-1/4	1	
- 56	4136808-2	DOOR, HAND STARTER MESHING DEVICE ACCESS	1	
- 57	5115652	COWLING ASSY, NACELLE INBOARD CENTER LH	1	
	5115652-1	COWLING ASSY, NACELLE INBOARD CENTER RH	1	
- 58	AJ6-1/2-90	FASTENER, (72794)	8	
- 59	NAS43DD10-30	SPACER, (ALT PN S2033901-12D516-015)	8	
- 60	GAS5-1/2.632	GROMMET, SPECIAL (T DIMENSION 0.651) (72794)	8	
- 61	5115648	COWLING ASSY, NACELLE INBOARD TOP LH	1	
	5115648-1	COWLING ASSY, NACELLE INBOARD TOP RH	1	
- 62	AJ6-1/2-90	FASTENER, (72794)	7	
- 63	NAS43DD10-30	SPACER, (ALT PN S2033901-12D516-015)	7	
- 64	NO NUMBER	GROMMET, SPECIAL (T DIMENSION 0.651) (72794)	7	
- 65	2115624	SEAL ASSY, DIAPHRAGM IGNITION CONDUIT	1	
		(ATTACHING PARTS)		
- 66	MS35206-28	SCREW, (ALT PN AN515-6-6)	4	
- 67	AN960-10	WASHER	8	AB
	AN960-10	WASHER	4	CD
	MS35338-41	WASHER, (ALT PN AN935-6)	4	
- 68	AN340-6	NUT	4	
- 69	2115624	SEAL ASSY, DIAPHRAGM IGNITION CONDUIT	4	AB
- 70	2204673	SEAL ASSY, DIAPHRAGM IGNITION CONDUIT	1	CD
		(ATTACHING PARTS)		
- 71	MS35206-28	SCREW, (ALT PN AN515-6-6)	4	AB
	MS35206-28	SCREW, (ALT PN AN515-6-6)	3	CD
- 72	AN960-10	WASHER	8	AB
	AN960-10	WASHER	3	CD
	MS35338-41	WASHER, (ALT PN AN935-6)	4	AB
	MS35338-41	WASHER, (ALT PN AN935-6)	3	CD
- 73	AN340-6	NUT	4	AB
	AN340-6	NUT	3	CD
- 74	2115625	SEAL, DIAPHRAGM LOWER	1	AB
	2205068	SEAL ASSY, DIAGPHRAGM LOWER	1	CD
		(ATTACHING PARTS)		
- 75	MS35207-262	SCREW, (ALT PN AN520-10-7)	4	
- 76	AN960C10L	WASHER	4	
	MS35338-43	WASHER, (ALT PN AN935-10)	4	
- 77	AN345-10	NUT	4	
- 78	2209984	SEAL ASSY, OIL VENT PIPE	1	C
		(ATTACHING PARTS)		
- 79	MS35207-263	SCREW, (ALT PN AN520-10-8)	3	C
- 80	AN960C10L	WASHER	3	C
	MS35338-43	WASHER, (ALT PN AN935-10)	3	C
- 81	AN345-10	NUT	3	C
- 82	5115657	DIAPHRAGM ASSY, NACELLE COWLING INNER LH	1	AB
	5204649	DIAPHRAGM ASSY, NACELLE COWLING INNER LH	1	CD
	5115657-1	DIAPHRAGM ASSY, NACELLE COWLING INNER RH	1	AB
	5204649-1	DIAPHRAGM ASSY, NACELLE COWLING INNER RH	1	CD
	AN3-7	BOLT, (USED WITH WELDED TYPE ENGINE MOUNT RING) (LH ONLY)	4	AB
	AN3-7A	BOLT, (USED WITH WELDED TYPE ENGINE MOUNT RING) (LH ONLY)	4	CD
	AN3-6	BOLT, (USED WITH WELDED TYPE ENGINE MOUNT RING) (RH ONLY)	2	AB
	AN3-6A	BOLT, (USED WITH WELDED TYPE ENGINE MOUNT RING) (RH ONLY)	2	CD
	AN3-10	BOLT, (USED WITH FORGED TYPE ENGINE MOUNT RING) (RH ONLY)	2	AB
	AN3-10A	BOLT, (USED WITH FORGED TYPE ENGINE MOUNT RING) (RH ONLY)	2	CD
	AN3-11	BOLT, (USED WITH FORGED TYPE ENGINE MOUNT RING) (RH ONLY)	4	AB
	AN3-11A	BOLT, (USED WITH FORGED TYPE ENGINE MOUNT RING) (RH ONLY)	4	CD
	AN960C10L	WASHER, (LH ONLY)	6	
	1118744	SPACER, NACELLE COWLING INNER (LH ONLY)	6	
	AN310-3	NUT	6	AB
	MS21044N3	NUT, (ALT PN AN365-1032)	6	CD
- 83	5131580-2	RING ASSY, NACELLE COWLING INNER ONE PIECE LH	1	AB
	5206006-2	RING ASSY, NACELLE COWLING INNER ONE PIECE LH	1	CD
	5131580-4	RING ASSY, NACELLE COWLING INNER ONE PIECE RH	1	AB
	5206006-4	RING ASSY, NACELLE COWLING INNER ONE PIECE RH	1	CD
- 84	125	SPRING, (72794)	25	
	4115637	BRACKET ASSY, COWLING FLAP HYDRAULIC PIPE SUPPORT	1	
- 85	125	SPRING, (72794)	2	
- 86	4115637-6	STRIP, SUPPORT BRACKET NEOPRENE	1	
- 87	4115637-4	CHANNEL, SUPPORT BRACKET	1	
- 88	4115637-2	BRACKET, COWLING FLAP SUPPORT LH	1	
- 89	4115637-3	BRACKET, COWLING FLAP SUPPORT RH	1	

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
49				
- 90	AN310-4	NUT	4	AB
	MS21044N4	NUT, (ALT PN AN365-428)	4	CD
- 91	AN960C416L	WASHER	4	
- 92	AN4-10	BOLT	4	AB
	AN4-10A	BOLT	4	CD
- 93	AN741T6	CLAMP	2	
- 94	4119309	SUPPORT ASSY, LOWER COWLING ATTACH	2	
		(ATTACHING PARTS)		
- 95	AN3-4	BOLT	2	AB
	AN3-4A	BOLT	2	CD
- 96	AN960C10L	WASHER	2	
- 97	AN310-3	NUT	2	AB
	MS21044N3	NUT, (ALT PN AN365-1032)	2	CD
- 98	2119212	PLATE ASSY, NACELLE COWLING INBOARD CENTER ATTACHING	2	
		(SEE FIG. 57 FOR DETAILS)		
- 99	AN310-3	NUT	4	AB
	MS21044N3	NUT, (ALT PN AN365-1032)	4	CD
-100	AN3-4	BOLT	4	AB
	AN3-4A	BOLT	4	CD
-101	4115643	BRACKET ASSY, OUTBOARD COWLING ATTACH UPPER LH	1	
	4115643-1	BRACKET ASSY, OUTBOARD COWLING ATTACH UPPER RH	1	
-102	4115639	BRACKET ASSY, INBOARD COWLING ATTACH UPPER LH	1	
	4115639-1	BRACKET ASSY, INBOARD COWLING ATTACH UPPER RH	1	
-103	AN310-3	NUT	4	AB
	MS21044N3	NUT, (ALT PN AN365-1032)	4	CD
-104	AN3-11	BOLT	4	AB
	AN3-11A	BOLT	4	CD
-105	1116742	BRACKET ASSY, ENGINE MOUNT FORMER REAR	4	
-106	AN310-3	NUT	4	AB
	MS21044N3	NUT, (ALT PN AN365-1032)	2	C
	MS21045-3	NUT, (ALT PN AN363-1032)	2	C
	MS21044N3	NUT, (ALT PN AN365-1032)	4	D
-107	AN960C10L	WASHER	4	
-108	AN3-14	BOLT	4	AB
	AN3-14A	BOLT	4	CD
-109	3119328	PLATE ASSY, NACELLE COWLING OUTBOARD ATTACHING (LH)	1	
		(SEE FIG. 57 FOR DETAILS)		
	3119328-1	PLATE ASSY, NACELLE COWLING OUTBOARD ATTACHING (RH)	1	
		(SEE FIG. 57 FOR DETAILS)		
-110	AN310-3	NUT	4	AB
	MS21044N3	NUT, (ALT PN AN365-1032)	4	CD
-111	AN960C10L	WASHER	4	
-112	AN3-14	BOLT	4	AB
	AN3-14A	BOLT	4	CD
-113	4119258	PLATE ASSY, NACELLE COWLING ATTACHING	1	
		(SEE FIG. 57 FOR DETAILS)		
-114	AN310-3	NUT	2	AB
	MS21044N3	NUT, (ALT PN AN365-1032)	2	CD
-115	AN960C10L	WASHER	2	
-116	AN3-14	BOLT	2	AB
	AN3-14A	BOLT	2	CD
-117	4115638	PLATE ASSY, NACELLE COWLING INBOARD LOWER ATTACHMENT (LH)	1	
		(SEE FIG. 57 FOR DETAILS)		
	4115638-1	PLATE ASSY, NACELLE COWLING INBOARD LOWER ATTACHMENT (RH)	1	
		(SEE FIG. 57 FOR DETAILS)		
		A 001 THRU 056, 146 THRU 171 AND 555 THRU 558		
		B 057 THRU 145 AND 178 THRU 182		
		C 172 THRU 177 AND 210 THRU 554		
		D 183 THRU 209		
		E 003 THRU 025, 027 THRU 056, 146 THRU 171 AND 555 THRU 558		
		F 001, 002 AND 026		
		G 001 THRU 056, 146 THRU 148 AND 555 THRU 558		
		H 057 THRU 145 AND 149 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

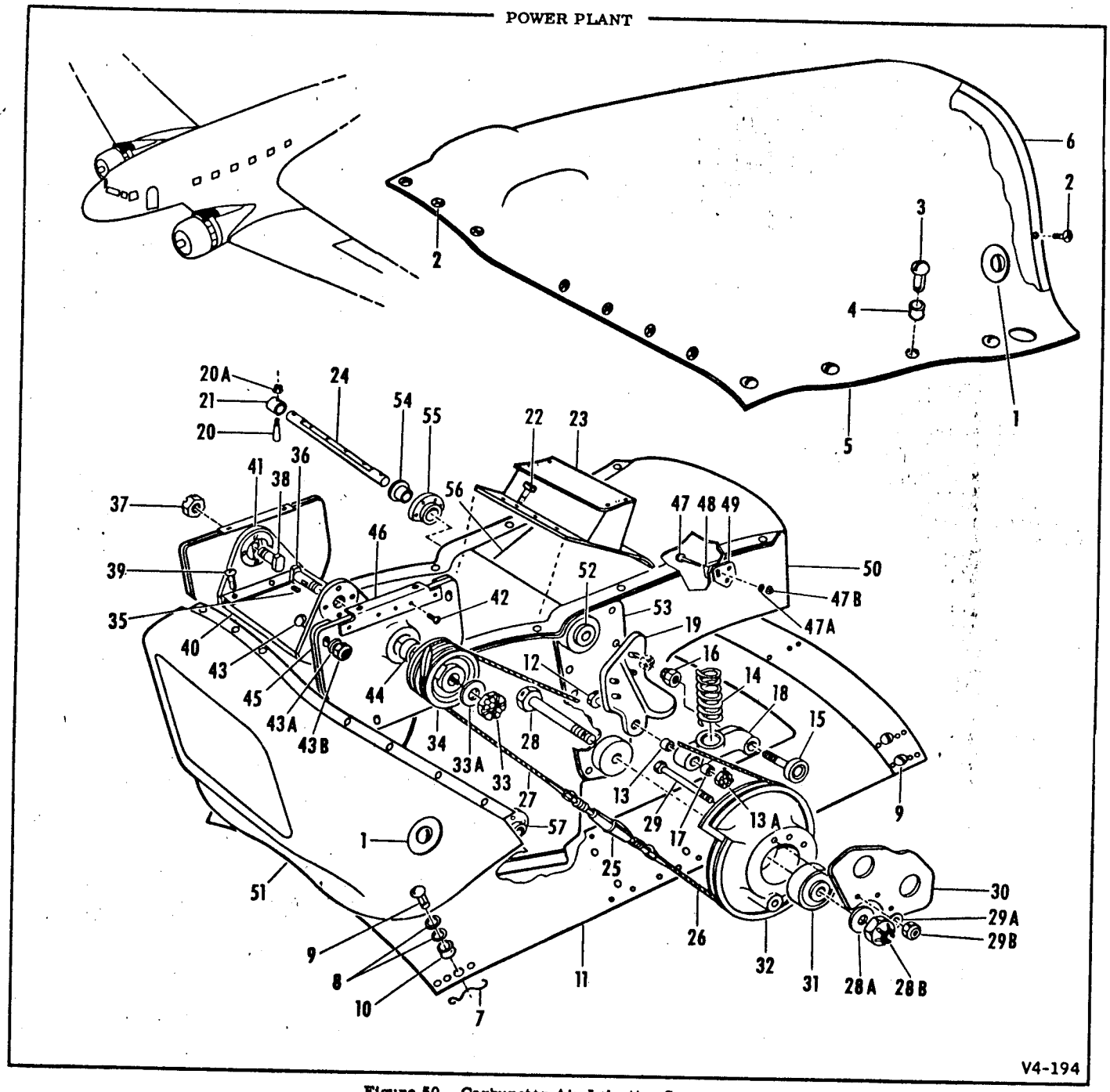


Figure 50. Carburetor Air Induction Scoop

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
50	5209901	SCOOP ASSY, CARBURETOR AIR INDUCTION LH (SEE T.O. 1C-1-223) (SEE FIG. 49 FOR NHA)	REF	A
	5209901-1	SCOOP ASSY, CARBURETOR AIR INDUCTION RH (SEE T.O. 1C-1-223) (SEE FIG. 49 FOR NHA)	REF	A
- 1	A6914-1024-1	PATCH ASSY, (78553)	4	A
- 2	MS35207-263	SCREW, (ALT PN AN526-1032C8)	22	A
	5209903	FAIRING ASSY, CARBURETOR AIR DUCT	1	A
- 3	AJ6-1/2-40	FASTENER, (72794)	8	A
- 4	GA6-1/2-379	GROMMET, (72794)	8	A
- 5	5209903-8	FAIRING ASSY, CARBURETOR AIR DUCT (WELDED)	1	A
- 6	3209904	FRAME ASSY, CARBURETOR AIR DUCT FAIRING STA 1	1	A
	5206003	COWLING ASSY, TOP SEGMENT LH	1	A
	5206003-1	COWLING ASSY, TOP SEGMENT RH	1	A
- 7	S6-250	SPRING, (72794)	1	A
- 8	AN960D3L	WASHER, (ALT PN AN960A3L)	8	A
- 9	AJ6-1/2-90	FASTENER, (72794)	16	A
- 10	GAS5-1/2.632	GROMMET, SPECIAL (T DIMENSION 0.651) (72794)	8	A

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
50				
- 11	5206003-6	COWLING ASSY, TOP SEGMENT WELDED LH	1	A
	5206003-7	COWLING ASSY, TOP SEGMENT WELDED RH	1	A
	5209918	MECHANISM ASSY, CARBURETOR AIR INDUCTION (SEE T.O. 1C-1-223)	1	A
- 12	AN3-11	BOLT	1	A
- 13	1189591	BUSHING, CARBURETOR AIR CONTROL STOP ARM (MAKE FROM NAS72-3-007)	1	A
	AN960-10L	WASHER	3	A
- 13A	AN320-3	NUT	1	A
- 14	1206283	SPRING, CARBURETOR AIR CONTROL MECHANISM STOP	1	A
- 15	RT2	BEARING, NEEDLE LONG BODY 3/4 IN. (60380)	1	A
- 16	AN310-4	NUT	1	A
	2206284	ARM ASSY, CARBURETOR AIR CONTROL MECHANISM STOP	1	A
- 17	NAS75-6-012	BUSHING, (SIZE ID TO 0.3750/0.3765 ON INSTL)	1	A
- 18	2206284-2	ARM, CARBURETOR AIR CONTROL MECHANISM STOP	1	A
- 19	4206285	BRACKET, CARBURETOR AIR CONTROL MECHANISM STOP	1	A
		(ATTACHING PARTS)		
	AN509-10R14	SCREW, (ALT PN S1029421-10-14)	4	A
	MS35337-43	WASHER, (ALT PN AN935-10L)	4	A
	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
		----*----		
- 20	S124604-2-10	PIN, SPECIAL THREADED TAPER	2	A
	AN960D8	WASHER	2	A
- 20A	MS21044N08	NUT, (ALT PN AN365-832)	2	A
- 21	1206152	COLLAR, CARBURETOR AIR FILTER DOOR SHAFT	2	A
- 22	MS35266-63	SCREW, (ALT PN AN501A10-8)	4	A
- 23	4209947	DOOR ASSY, CARBURETOR AIR FILTER FLOATING	1	A
- 24	2209886	SHAFT, CARBURETOR AIR FILTER DOOR ALTERNATE	1	A
- 25	MS21251B3S	BARREL, (ALT PN AN155-16S)	2	A
- 26	2206337-500	CABLE ASSY, CARBURETOR AIR INDUCTION	1	A
- 27	2206337-502	CABLE ASSY, CARBURETOR AIR INDUCTION	1	A
- 28	AN6-26	BOLT	1	A
- 28A	AN960-616	WASHER	4	A
- 28B	AN310-6	NUT	1	A
	4209911	PULLEY ASSY, CARBURETOR AIR CONTROL	1	A
- 29	AN3-12	BOLT	3	A
- 29A	AN960-10	WASHER	3	A
- 29B	MS21044N3	NUT, (ALT PN AN365-1032)	3	A
- 30	2209983	CAM, CARBURETOR AIR FRONT DOOR INDEXING	1	A
- 31	MS20207DPP6	BEARING, (ALT PN AN207D6)	1	A
- 32	3206028	PULLEY, CARBURETOR AIR CONTROL	1	A
- 33	AN320-4	NUT	1	A
- 33A	AN960-416L	WASHER	1	A
- 34	4206026	PULLEY, CARBURETOR AIR VALVE CONTROL	1	A
- 35	MS21261R204	KEY, (ALT PN AN280-204)	1	A
- 36	2209914	SHAFT, CARBURETOR AIR VALVE	1	A
- 37	AN320-4	NUT	1	A
	AN960-416	WASHER	1	A
- 38	1209906	SHAFT, CARBURETOR AIR VALVE	1	A
- 39	MS35207-263	SCREW, (ALT PN AN526-1032-8)	6	A
- 40	4209910	DOOR ASSY, CARBURETOR AIR INDUCTION VALVE	1	A
- 41	4209908	PLATE ASSY, CARBURETOR AIR VALVE	2	A
- 42	MS24621-15	SCREW, (ALT PN AN530-6-4)	10	A
- 43	AN509-10R12	SCREW, (ALT PN S1029421-10-12)	8	A
- 43A	AN960-10	WASHER	8	A
- 43B	MS21044N3	NUT, (ALT PN AN365-1032)	8	A
	4209920	SUPPORT ASSY, CARBURETOR AIRSCOOP FRONT	2	A
- 44	MS20200KP4	BEARING, (ALT PN AN200K5)	1	A
- 45	4209920-2	PLATE, CARBURETOR AIRSCOOP FRONT DOOR SUPPORT	1	A
- 46	5209918-2	ANGLE, CARBURETOR AIR INDUCTION MECHANISM (DRILL ON INSTL)	2	A
		(ATTACHING PARTS)		
	MS35207-264	SCREW, (ALT PN AN526-1032-10)	4	A
	AN960-10	WASHER	4	A
	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
		----*----		
- 47	AN3-12A	BOLT, (SEE T.O. 1C-1-233)	4	A
- 47A	AN960-10L	WASHER, (SEE T.O. 1C-1-233)	4	A
- 47B	MS21045-3	NUT, (ALT PN AN365-1032C) (SEE T.O. 1C-1-233)	4	A
- 48	NO NUMBER	BLOCK, DOOR STOP (SPEC QQ-4-354) (SEE T.O. 1C-1-233)	2	A
- 49	NO NUMBER	PLATE, DOOR STOP BLOCK BACKUP (SEE T.O. 1C-1-233)	2	A
- 50	5209842	DUCT ASSY, CARBURETOR AIR INDUCTION	1	A
- 51	5209853	FAIRING ASSY, CARBURETOR AIR INDUCTION FORWARD	1	A
	4209890	SUPPORT ASSY, NONRAM DOOR AND MECHANISM	1	A
- 52	F621-2	BUSHING, OILITE (70417) (SIZE ID TO 0.5000/0.5010 ON INSTL)	1	A
- 53	4209890-2	SUPPORT, NONRAM DOOR AND MECHANISM	1	A
	2209985	SUPPORT ASSY, FILTER DOOR	1	A
- 54	F621-2	BUSHING, OILITE (70417) (SIZE ID TO 0.5000/0.5010 ON INSTL)	1	A
- 55	2209985-2	SUPPORT, FILTER DOOR	1	A
- 56	4209996	FILLER, NONRAM AIR DUCT UPPER	1	A
- 57	AAF865-1	FLANGE	4	A
		A 172 THRU 177 AND 210 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

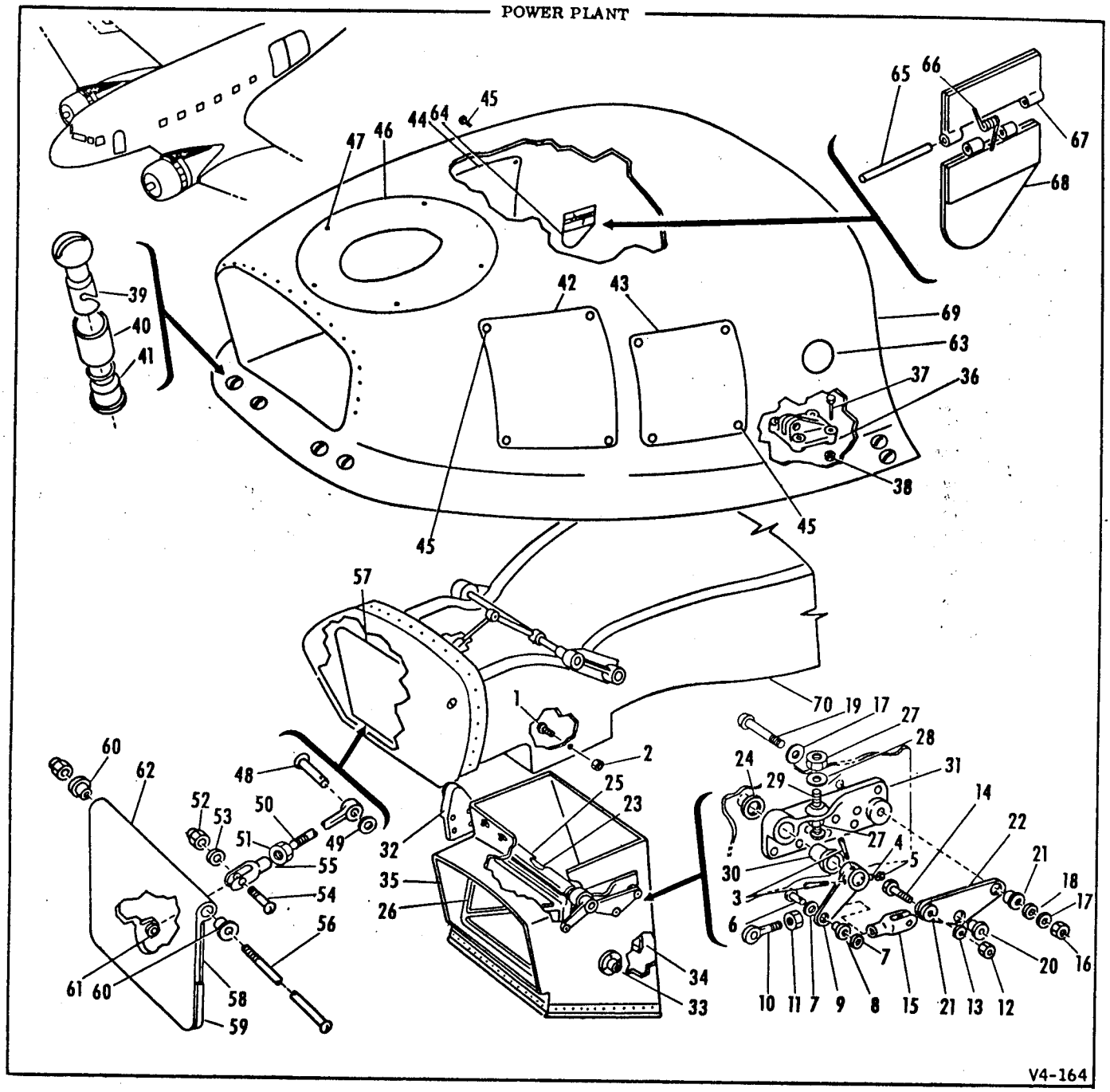


Figure 51. Nonram Scoop Top Segment Cowling

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
51	5141571	COWLING ASSY, NONRAM SCOOP TOP SEGMENT LH (SEE FIG. 49 FOR NHA)	REF	A
	5141571-1	COWLING ASSY, NONRAM SCOOP TOP SEGMENT RH (SEE FIG. 49 FOR NHA)	REF	A
- 1	S1029657-10-8	SCREW, OVAL BINDING HEAD	15	A
- 2	MS21044N3	NUT, (ALT PN AN365-1032)	11	A
	4202933	BOX ASSY, CARBURETOR DOOR OPERATING MECHANISM	1	A
- 3	S124604-2-10	PIN, SPECIAL THREADED TAPER	3	A
- 4	AN960-8	WASHER	3	A
- 5	MS21083N3	NUT, (ALT PN AN364-832)	3	A
- 6	MS20392-2C19	PIN, (ALT PN AN393-19)	1	A
- 7	AN960-10L	WASHER	2	A
	S2141196	BELLCRANK ASSY, CARBURETOR AIR FILTER NOSE DOOR	1	A
- 8	A312-2	BUSHING, (70417) (SIZE ID TO 0.1870/0.1880 ON INSTL)	1	A
- 9	S2141196-2	BELLCRANK, CARBURETOR AIR FILTER NOSE DOOR	1	A
- 10	1203000-1	EYEBOLT, CARBURETOR DOOR OPERATING MECHANISM	1	A
- 11	AN316-4L	NUT	1	A

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
51				
- 12	AN320-3	NUT	1	A
- 13	AN960-10L	WASHER	1	A
- 14	AN23-13	BOLT	1	A
- 15	1202999	CLEVIS, CARBURETOR HOT AIR DOOR SELF LOCKING	1	A
- 16	AN320-3	NUT	1	A
- 17	AN960-10L	WASHER	2	A
- 18	NAS42HT4-18	SPACER	1	A
- 19	AN23-14	BOLT	1	A
	2202987	BELLCRANK ASSY, CARBURETOR HOT AIR DOOR SELF LOCKING	1	A
- 20	S2062646-3015S3	BUSHING, UPSET TYPE (SIZE ID TO 0.256/0.261 ON INSTL)	1	A
- 21	S2062646-3015S3	BUSHING, UPSET TYPE	2	A
- 22	2202987-2	BELLCRANK, CARBURETOR HOT AIR DOOR SELF LOCKING	1	A
- 23	2141321	SHAFT, CARBURETOR AIR FILTER NOSE DOOR OPEN	1	A
- 24	AN960B816	WASHER	AR	A
- 25	2204752	SHIELD, CARBURETOR AIR DOOR	1	A
- 26	4202918	DOOR, CARBURETOR HOT AIR INTAKE	1	A
- 27	MS21083N3	NUT, (ALT PN AN364-1032)	2	A
- 28	AN960-10L	WASHER	2	A
- 29	MS35266-67	SCREW, (ALT PN AN501-10-16)	1	A
	2203002	BRACKET ASSY, CARBURETOR HOT AIR DOOR OPERATING MECHANISM	1	A
	S2141235	BRACKET ASSY, CARBURETOR AIR FILTER NOSE DOOR CONTROL	1	A
- 30	F621-2	BEARING, (70417) (SIZE ID TO 0.498/0.499 ON INSTL)	1	A
- 31	2203002-2	BRACKET, CARBURETOR HOT AIR DOOR OPERATING MECHANISM	1	A
- 32	S2141235-2	BRACKET, CARBURETOR AIR FILTER NOSE DOOR CONTROL	1	A
	5202923	BOX ASSY, CARBURETOR AIR INTAKE	1	A
- 33	AAF865-1	FLANGE	4	A
- 34	5202923-18	STOP, CARBURETOR AIR INTAKE	1	A
- 35	5202923-12	BOX ASSY, CARBURETOR AIR INTAKE (WELDED)	1	A
- 36	2202914	BRACKET, HYDRAULIC CYLINDER SUPPORT	1	A
		(ATTACHING PARTS)		
- 37	AN3-10	BOLT	4	A
- 38	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
		----------*----------		
- 39	AJ6-1/2-90	FASTENER, (72794)	8	A
- 40	NAS43DD10-30	SPACER	8	A
- 41	GAS5-1/2.632	GROMMET, SPECIAL (T DIMENSION 0.651) (72794)	8	A
	5141549	NOSE ASSY, NONRAM CARBURETOR AIR FILTER	1	A
- 42	5141549-28	DOOR, NONRAM CARBURETOR AIR FILTER NOSE	1	A
- 43	5141549-34	DOOR, NONRAM CARBURETOR AIR FILTER NOSE LH (LH AND RH)	1	A
- 44	5141549-35	DOOR, NONRAM CARBURETOR AIR FILTER NOSE RH (LH AND RH)	1	A
		(ATTACHING PARTS)		
- 45	S1029657P10-7	SCREW, OVAL BINDING HEAD	12	A
		----------*----------		
- 46	5141549-16	DOOR, NONRAM CARBURETOR AIR FILTER HOSE	1	A
		(ATTACHING PARTS)		
- 47	S1029657P10-7	SCREW, OVAL BINDING HEAD	5	A
		----------*----------		
- 48	MS20392-2C19	PIN, (ALT PN AN393-19)	1	A
- 49	AN960-10	WASHER	1	A
- 50	S1203000-2	EYEBOLT, CARBURETOR DOOR OPERATING MECHANISM	1	A
- 51	AN316-4R	NUT	1	A
- 52	AN320-3	NUT	1	A
- 53	AN960-10	WASHER	1	A
- 54	AN23-13	BOLT	1	A
- 55	AN486-3	CLEVIS	1	A
- 56	1142461	BOLT, CARBURETOR AIR FILTER NOSE DOOR	1	A
- 57	4141198	DOOR ASSY, CARBURETOR AIR FILTER FRONT	1	A
- 58	2141192	STRIP, CARBURETOR AIR SCOOP DOOR SEAL	2	A
- 59	S2141194	SEAL, CARBURETOR AIR SCOOP DOOR (NEOPRENE)	1	A
	4141197	DOOR ASSY, CARBURETOR AIR SCOOP	1	A
- 60	SF301-1	BEARING, (70417) (SIZE ID TO 0.1895/0.1905 ON INSTL)	2	A
- 61	A312-2	BUSHING, (70417) (SIZE ID TO 0.1870/0.1880 ON INSTL)	1	A
- 62	4141197-2	DOOR, CARBURETOR AIR SCOOP	1	A
	5141549-24	NOSE ASSY, NONRAM CARBURETOR AIR FILTER	1	A
- 63	5141549-12	DOOR ASSY, NONRAM CARBURETOR AIR FILTER NOSE LH (LH AND RH)	1	A
- 64	5141549-13	DOOR ASSY, NONRAM CARBURETOR AIR FILTER NOSE RH (LH AND RH)	1	A
- 65	S121873-091-214	PIN, SAFETY	1	A
- 66	S133509-16	SPRING, STANDARD HINGE	1	A
- 67	5141549-10	HINGE, CARBURETOR AIR FILTER NOSE DOOR	1	A
		(MAKE FROM AN251-0-250)		
- 68	5141549-6	DOOR, NONRAM CARBURETOR AIR FILTER NOSE LH (LH AND RH)	1	A
	5141549-7	DOOR, NONRAM CARBURETOR AIR FILTER NOSE RH (LH AND RH)	1	A
- 69	5141549-26	NOSE ASSY, NONRAM CARBURETOR AIR FILTER (WELDED)	1	A
- 70	5141318	DUCT ASSY, CARBURETOR AIR FILTER NOSE DOOR OPERATING MECHANISM (SEE FIG. 52 FOR DETAILS)	1	A
		A 057 THRU 145 AND 178 THRU 182		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

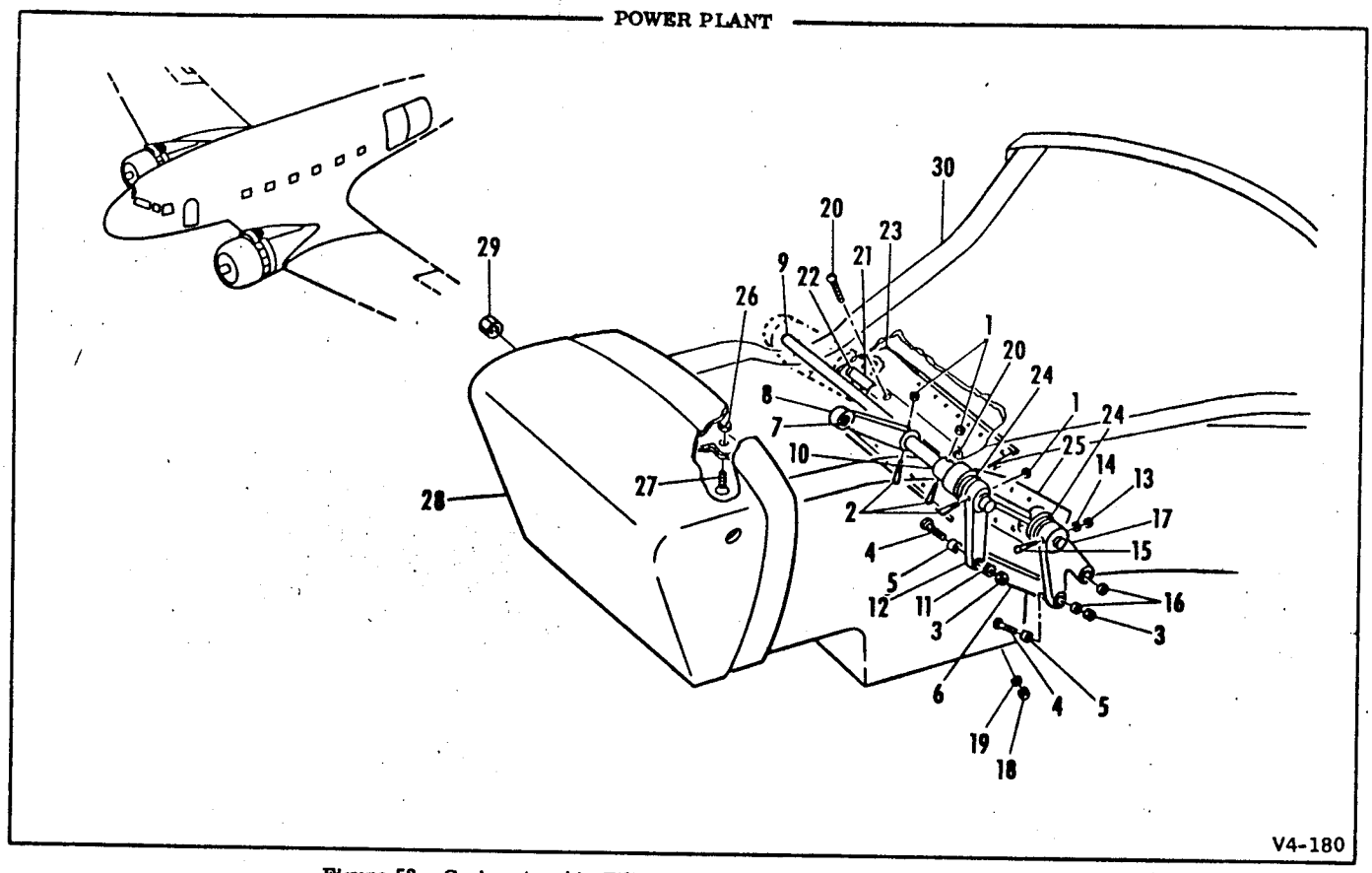


Figure 52. Carburetor Air Filter Nose Door Operating Mechanism Duct

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
52	5141318	DUCT ASSY, CARBURETOR AIR FILTER NOSE DOOR OPERATING MECHANISM (SEE FIG. 51 FOR NHA)	REF	A
- 1	MS21044N08	NUT, (ALT PN AN365-832)	3	A
- 2	S124604-2-12	PIN, SPECIAL THREADED TAPER	3	A
- 3	AN320-3	NUT	2	A
- 4	AN23-13	BOLT	2	A
	1203007	LINK ASSY, NONRAM CARBURETOR AIR FILTER DOOR	1	A
- 5	S2062646-301S3	BUSHING, UPSET TYPE (SIZE ID TO 0.190/0.194 ON INSTL)	2	A
- 6	1203007-2	LINK, NONRAM CARBURETOR AIR FILTER DOOR	1	A
	S2141196	BELLCRANK ASSY, CARBURETOR AIR FILTER NOSE DOOR	1	A
- 7	A312-2	BUSHING, OILITE (70417) (SIZE ID TO 0.187/0.188 ON INSTL)	1	A
- 8	S2141196-2	BELLCRANK, CARBURETOR AIR FILTER NOSE DOOR	1	A
- 9	2141321	SHAFT, CARBURETOR AIR FILTER NOSE DOOR OPEN	1	A
- 10	NAS43HT12-32	SPACER, (ALT PN S2033900-12S120-016)	1	A
	S2141234	BELLCRANK ASSY, CARBURETOR AIR FILTER NOSE DOOR OPEN	1	A
- 11	S116500-3C008	BUSHING, (SIZE ID TO 0.187/0.188 ON INSTL)	1	A
- 12	S2141234-2	BELLCRANK, NOSE DOOR OPERATING FORWARD	1	A
- 13	MS21044N08	NUT, (ALT PN AN365-832)	1	A
- 14	AN960-8	WASHER	1	A
- 15	S124604-2-9	PIN, SPECIAL THREADED TAPER	1	A
	2202966	BELLCRANK ASSY, CARBURETOR AIR FILTER NOSE DOOR	1	A
- 16	S116500-3N008	BUSHING	2	A
- 17	2202966-2	BELLCRANK, CARBURETOR AIR FILTER NOSE DOOR	1	A
- 18	MS21044N08	NUT, (ALT PN AN365-832)	2	A
- 19	AN960-8	WASHER	2	A
- 20	AN23-15	BOLT	2	A
- 21	2141321	SHAFT, CARBURETOR AIR FILTER NOSE DOOR OPEN	1	A
- 22	AN960B816	WASHER	AR	A
- 23	4204939	DOOR ASSY, NONRAM AIR FILTER	1	A
	4202915	BRACKET ASSY, CARBURETOR AIR FILTER DOOR CONNECTING	2	A
- 24	F621-2	BEARING, OILITE (70417) (SIZE ID TO 0.498/0.499 ON INSTL)	2	A
- 25	4204915-2	BRACKET, CARBURETOR AIR FILTER DOOR CONNECTING	1	A
- 26	MS21044D08	NUT, (ALT PN AN365D832)	9	A
- 27	AN507-832R8	SCREW	9	A
- 28	5141227	NOSE ASSY, CARBURETOR AIR SCOOP FILTER	1	A
- 29	22D16-02	NUT, SPLINE (72962)	1	A
- 30	5141229	DUCT ASSY, NONRAM CARBURETOR AIR FILTER	1	A
		A 057 THRU 145 AND 178 THRU 182		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

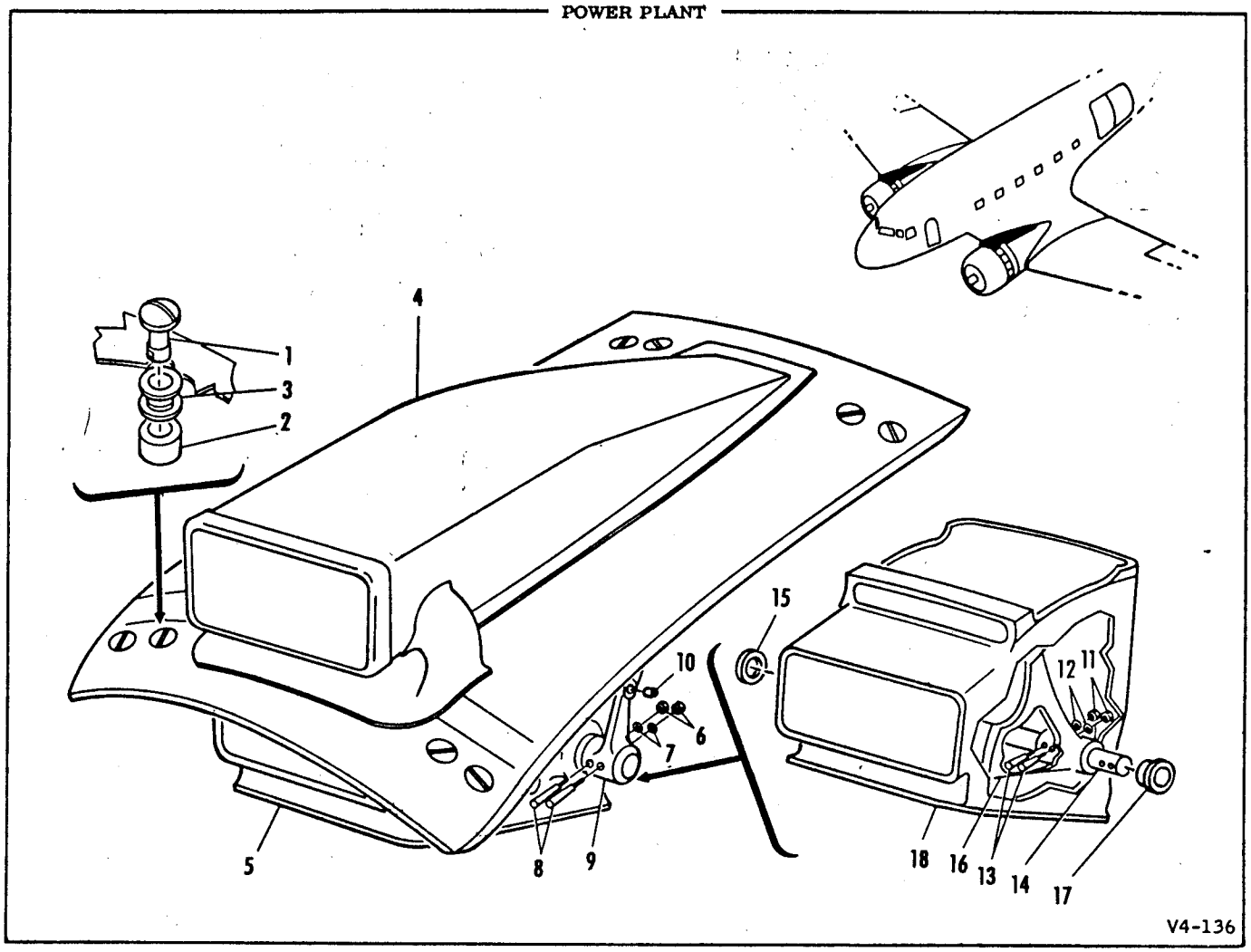


Figure 53. Nacelle Top Cowling

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
53	5115654	COWLING ASSY, NACELLE TOP LH (SEE FIG. 49 FOR NHA)	REF	A
	5115654-1	COWLING ASSY, NACELLE TOP RH (SEE FIG. 49 FOR NHA)	REF	A
- 1	AJ6-1/2-90	FASTENER, (72794)	8	A
- 2	NAS43DD10-30	SPACER, (ALT PN S2033900-12D120-015)	8	A
- 3	NO NUMBER	GROMMET, SPECIAL (T DIMENSION 0.640) (72794)	8	A
- 4	5115650	SCOOP ASSY, CARBURETOR AIR	1	A
- 5	4118710	VALVE ASSY, CARBURETOR AIR INTAKE	1	A
- 6	MS21044N06	NUT, (ALT PN AN365-632)	2	A
- 7	AN960-6	WASHER	2	A
- 8	S124604-10-11	PIN, SPECIAL THREADED TAPER	2	A
- 9	1118704	LEVER ASSY, CARBURETOR AIR INTAKE VALVE OPERATING	1	A
- 10	S116500-3C008	BUSHING, (SIZE ID TO 0.1890/0.1900 ON INSTL)	1	A
- 11	MS21044N08	NUT, (ALT PN AN365-832)	4	A
- 12	AN960-8	WASHER	4	A
- 13	1118798	PIN, SPECIAL TAPER NO. 2 (MAKE FROM S124604-2-13)	4	A
- 14	1118703	SPINDLE, CARBURETOR AIR INTAKE VALVE OPERATING	1	A
- 15		WASHER, (PN S143908-020S100-063)	1	A
- 16	4118709	ROTOR, CARBURETOR AIR INTAKE VALVE	1	A
	5118714	BOX ASSY, CARBURETOR AIR INTAKE VALVE	1	A
- 17	F817	BUSHING, (70417) (SIZE ID TO 0.6245/0.6255 ON INSTL)	2	A
- 18	5118714-2	BOX, CARBURETOR AIR INTAKE VALVE	1	A
		A 001 THRU 056, 146 THRU 171 AND 555 THRU 558		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

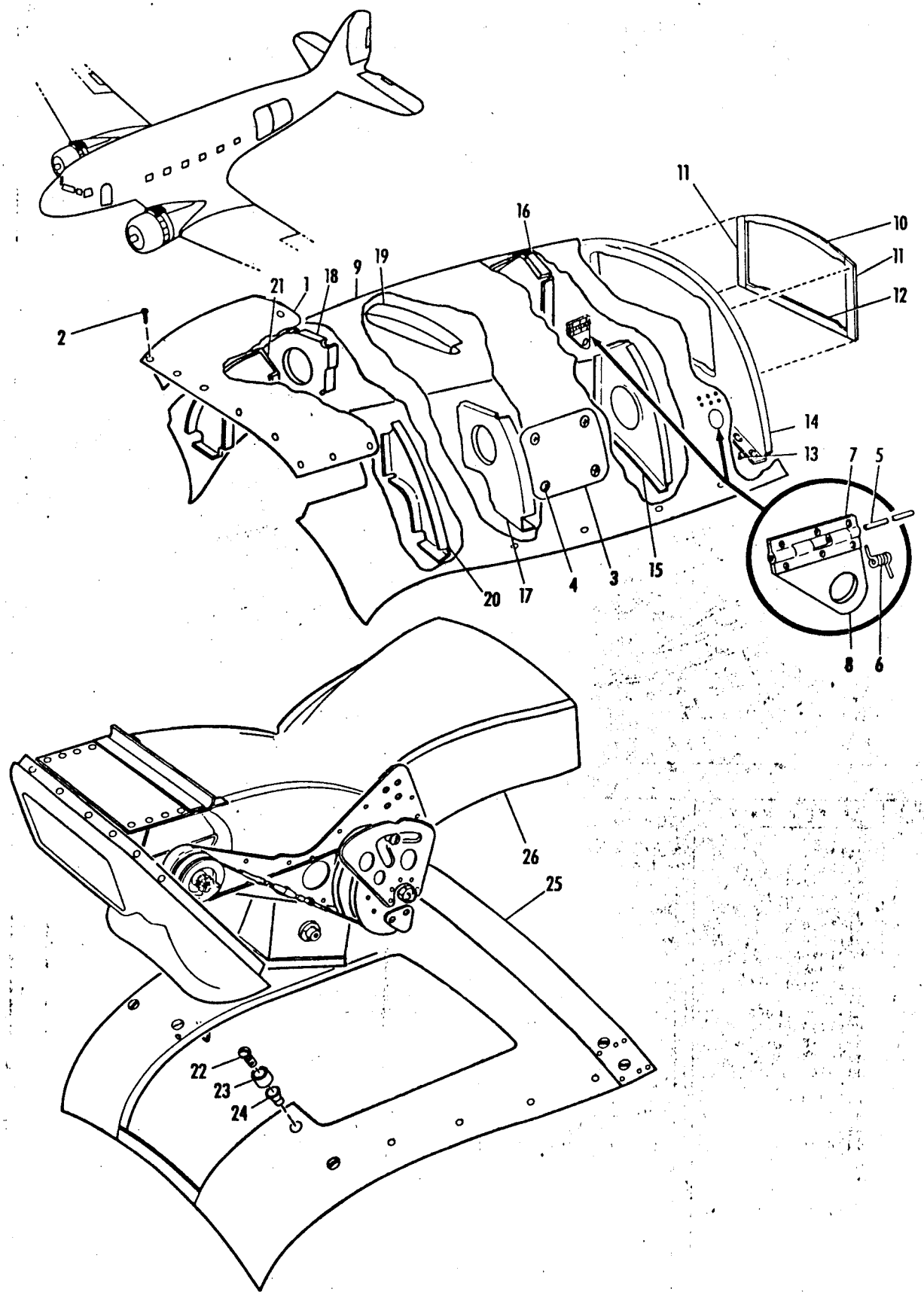


Figure 54. Carburetor Air Induction Alternate Scoop

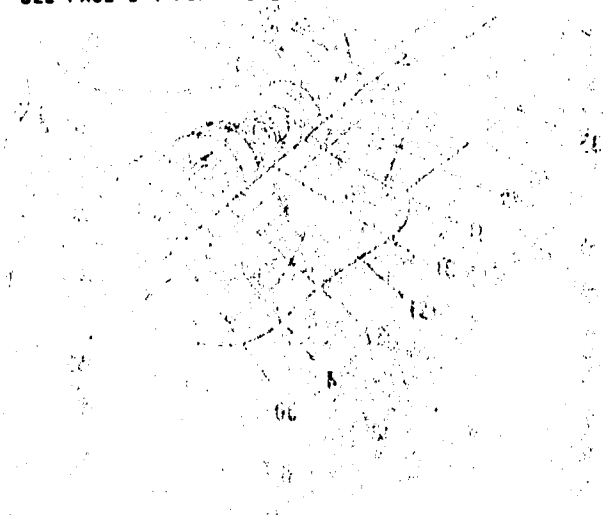
V4-137

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
54	5206503	SCOOP ASSY, CARBURETOR AIR INDUCTION ALTERNATE LH	REF	A
		(SEE FIG. 49 FOR NHA)		
	5206503-1	SCOOP ASSY, CARBURETOR AIR INDUCTION ALTERNATE RH	REF	A
		(SEE FIG. 49 FOR NHA)		
	5206000	FAIRING ASSY, CARBURETOR AIR DUCT	1	A
- 1	5206000-20	COVER, CARBURETOR AIR DUCT FAIRING	1	A
		(ATTACHING PARTS)		
- 2	MS35206-244	SCREW, (ALT PN AN526-832-7)	18	A

- 3	5206000-6	COVER, CARBURETOR AIR DUCT FAIRING	2	A
		(ATTACHING PARTS)		
- 4	NAS221-7	SCREW, (ALT PN S1029657P10-7)	8	A

	5206000-10	DOOR ASSY, CARBURETOR AIR DUCT FAIRING LH (LH AND RH)	1	A
	5206000-11	DOOR ASSY, CARBURETOR AIR DUCT FAIRING RH (LH AND RH)	1	A
- 5	S121873-091-214	PIN, SAFETY	1	A
- 6	S133509-16	SPRING, STANDARD HINGE	1	A
- 7	5206000-8	HINGE, CARBURETOR AIR DUCT FAIRING DOOR	1	A
		(MAKE FROM AN251-0-250)		
- 8	5206000-12	DOOR, CARBURETOR AIR DUCT FAIRING LH	1	A
	5206000-13	DOOR, CARBURETOR AIR DUCT FAIRING RH	1	A
- 9	5206000-18	FAIRING ASSY, CARBURETOR AIR DUCT (WELDED)	1	A
- 10	5206503-6	STRIP, CARBURETOR AIR INDUCTION SCOOP NEOPRENE UPPER	2	A
- 11	5206503-4	STRIP, CARBURETOR AIR INDUCTION SCOOP NEOPRENE SIDE	1	A
- 12	5206503-2	STRIP, CARBURETOR AIR INDUCTION SCOOP NEOPRENE LOWER	10	A
- 13	MS35207-262	SCREW, (ALT PN AN520-10-7)	1	A
- 14	3206531	FRAME ASSY, CARBURETOR AIR DUCT FAIRING ALTERNATE STA 1	1	A
- 15	4206483	FRAME, CARBURETOR AIR DUCT FAIRING ALTERNATE		
		STA 7 LH (LH AND RH)	1	A
- 16	4206483-1	FRAME, CARBURETOR AIR DUCT FAIRING ALTERNATE		
		STA 7 RH (LH AND RH)	1	A
- 17	4206484	FRAME, CARBURETOR AIR DUCT FAIRING ALTERNATE		
		STA 16 LH (LH AND RH)	1	A
- 18	4206484-1	FRAME, CARBURETOR AIR DUCT FAIRING ALTERNATE		
		STA 16 RH (LH AND RH)	1	A
- 19	2206486	CHANNEL, CARBURETOR AIR DUCT FAIRING ALTERNATE STA 20	1	A
- 20	3206487	FRAME, CARBURETOR AIR DUCT FAIRING ALTERNATE		
		STA 20 (OUTBOARD)	1	A
- 21	3206488	FRAME, CARBURETOR AIR DUCT FAIRING ALTERNATE		
		STA 20 (INBOARD)	1	A
	5206003-500	COWLING ASSY, TOP SEGMENT LH	1	A
	5206003-501	COWLING ASSY, TOP SEGMENT RH	1	A
- 22	AJ6-1/2-90	FASTENER, (72794)	8	A
- 23	NAS43DD10-30	SPACER, (ALT PN S2033901-12D516-015)	8	A
- 24	GAS5-1/2.632	GROMMET, SPECIAL (T DIMENSION 0.651) (72794)	8	A
- 25	5206003-26	COWLING ASSY, TOP SEGMENT LH (WELDED)	1	A
	5206003-27	COWLING ASSY, TOP SEGMENT RH (WELDED)	1	A
- 26	5206504	DUCT AND MECHANISM ASSY, CARBURETOR AIR INDUCTION ALTERNATE	1	A
		(SEE FIG. 55 FOR DETAILS)		
		A 183 THRU 209		

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING



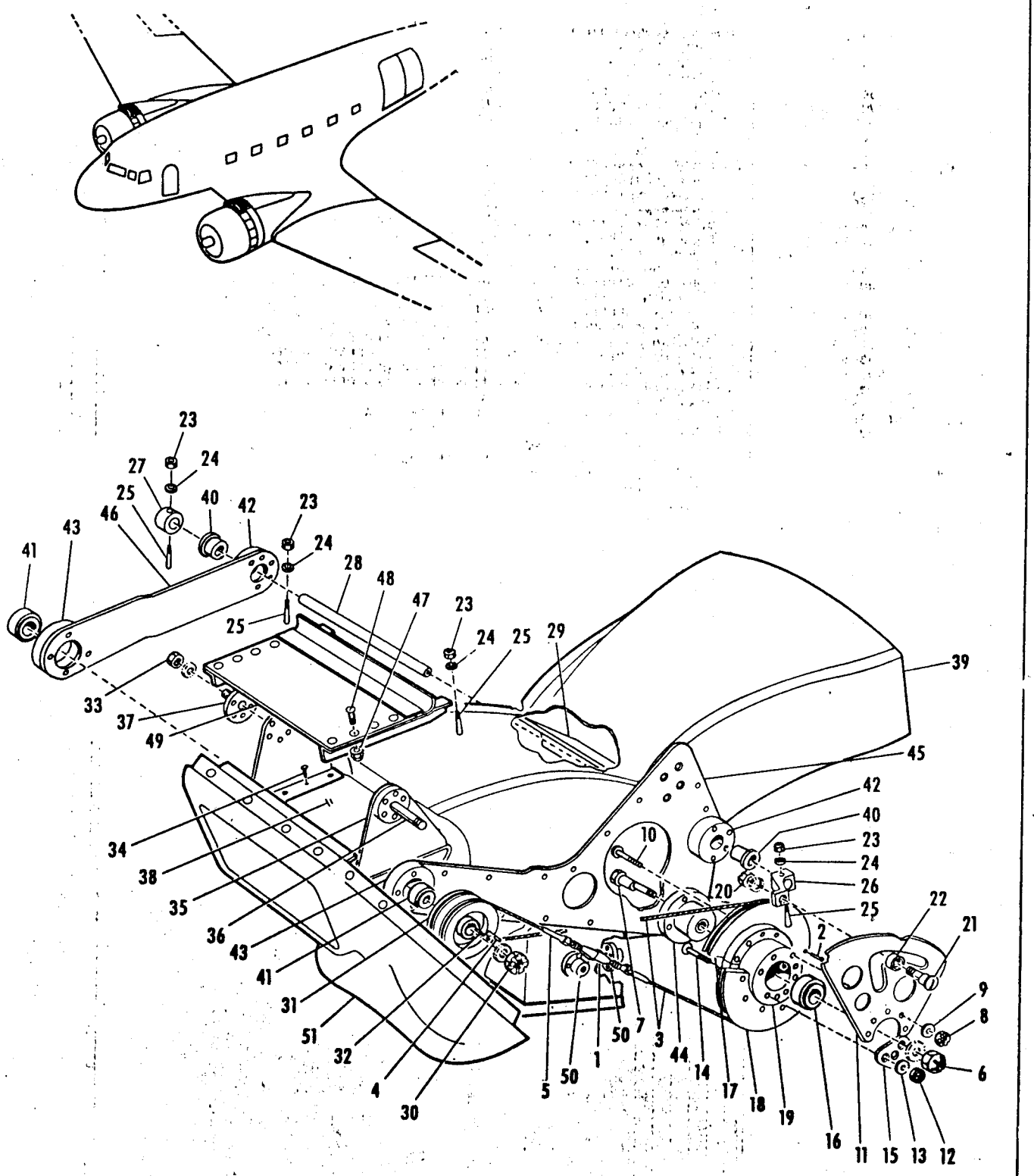


Figure 55. Carburetor Air Induction Alternate Duct and Mechanism

V4-161

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
55	5206504	DUCT AND MECHANISM ASSY, CARBURETOR AIR INDUCTION ALTERNATE (SEE FIG. 54 FOR NHA)	REF	A
- 1	MS21251B3S	BARREL, (ALT PN AN155-16S)	2	A
- 2	MS20392-1C9	PIN, (ALT PN AN392-9)	2	A
- 3	2207194	CABLE ASSY, BUILT UP PULLEY CONTROL	1	A
- 4	S144185-020	PIN, CONTROL CABLE ANCHORING	1	A
- 5	S2074407CC2516	CABLE ASSY, SWAGED TYPE 3/32 IN. DIAMETER	1	A
- 6	AN310-6	NUT	1	A
	1206153	WASHER, CARBURETOR AIR INDUCTION ECCENTRIC BOLT	1	A
	AN960-1016	WASHER	2	A
	AN960-616	WASHER	1	A
- 7	2206025	BOLT, CARBURETOR AIR INDUCTION MECHANISM ECCENTRIC	1	A
	4206867	PULLEY AND CAM ASSY, CARBURETOR AIR CONTROL BUILT UP	5	A
- 8	AN320-3	NUT	5	A
- 9	AN960-10	WASHER	5	A
- 10	AN23-22	BOLT	1	A
- 11	4206027	CAM, CARBURETOR AIR FILTER DOOR OPERATING	3	A
- 12	MS21044N3	NUT, (ALT PN AN365-1032)	3	A
- 13	AN960-10	WASHER	3	A
- 14	AN507-1032R24	SCREW, (ALT PN S1087510-10-24)	1	A
- 15	1206416	PLATE, CARBURETOR AIR CONTROL ALTERNATE PULLEY	1	A
- 16	MS20207DPP6	BEARING, (ALT PN AN207D6)	1	A
	4206868	PULLEY ASSY, CARBURETOR AIR CONTROL ALTERNATE	1	A
- 17	4206792	TRACK, CARBURETOR AIR CONTROL PULLEY UPPER	1	A
- 18	4206793	TRACK, CARBURETOR AIR CONTROL PULLEY LOWER	1	A
- 19	4206791	HUB, CARBURETOR AIR CONTROL PULLEY	1	A
- 20	AN310-4	NUT	1	A
	AN960-416	WASHER	2	A
	AN960-416L	WASHER	1	A
- 21	2207029	STUD, STOP MECHANISM BEARING (ALT PN TYPE RT-2 X 3/4 (60380)) (USED WITH 2207028)	1	A
- 22	2207028	ROLLER, STOP MECHANISM BEARING (ALT PN TYPE RT-2 X 3/4 (60380)) (USED WITH 2207029)	1	A
	NO NUMBER	BEARING ASSY, (TYPE RT-2 X 3/4) (60380)	1	A
- 23	MS21044N08	NUT, (ALT PN AN365-832)	4	A
- 24	AN975-3	WASHER	4	A
- 25	S124604-2-10	PIN, SPECIAL THREADED TAPER	1	A
- 26	2206328	CRANK, CARBURETOR AIR FILTER DOOR OPERATING	1	A
- 27	1206152	COLLAR, CARBURETOR AIR FILTER DOOR SHAFT	1	A
- 28	2206151	SHAFT, CARBURETOR AIR FILTER DOOR	1	A
- 29	3206002	DOOR, CARBURETOR AIR FILTER INDUCTION	1	A
- 30	AN320-4	NUT	1	A
	AN960-416	WASHER	1	A
	AN960-516	WASHER	1	A
	AN960-516L	WASHER	1	A
- 31	4206329	PULLEY, CARBURETOR RAM AND HOT AIR CONTROL ALTERNATE	1	A
- 32	2206944	KEY, CARBURETOR AIR VALVE PULLEY	1	A
- 33	AN320-5	NUT	2	A
	AN960-516	WASHER	1	A
	AN960-516L	WASHER	1	A
	3206001	VALVE ASSY, CARBURETOR RAM AND HOT AIR CONTROL	8	A
- 34	S1029421-10-10	SCREW, 100 DEGREE RECESSED HEAD	1	A
	3206001-10	SHAFT ASSY, CARBURETOR RAM AND HOT AIR CONTROL VALVE	1	A
	3206001-11	SHAFT ASSY, CARBURETOR RAM AND HOT AIR CONTROL VALVE	1	A
- 35	3206001-8	PLATE, CARBURETOR RAM AND HOT AIR CONTROL VALVE SHAFT	1	A
- 36	2206419	SHAFT ASSY, CARBURETOR AIR VALVE ALTERNATE DRIVE	1	A
- 37	2206409	SHAFT ASSY, CARBURETOR AIR VALVE ALTERNATE	1	A
- 38	3206001-12	VALVE ASSY, CARBURETOR RAM AND HOT AIR CONTROL	1	A
- 39	5206291	DUCT ASSY, CARBURETOR AIR INDUCTION SHEET METAL	1	A
	5206371	FRAME ASSY, CARBURETOR AIR INDUCTION SHEET METAL	1	A
	4206445	PLATE ASSY, CARBURETOR AIR INDUCTION MECHANISM	1	A
- 40	F621-2	BUSHING, OILITE (70417) (SIZE ID TO 0.500/0.501 ON INSTL)	1	A
- 41	MS20200KP4	BEARING, (ALT PN AN200K5)	1	A
- 42	2206669	BOSS, CARBURETOR AIR INDUCTION FILTER DOOR	1	A
- 43	2206667	BOSS, CARBURETOR AIR INDUCTION VALVE	1	A
- 44	4206668	BOSS, CARBURETOR AIR INDUCTION CAM (USED ON 5206371)	1	A
- 45	5206371-2	FRAME, CARBURETOR AIR INDUCTION MECHANISM	1	A
- 46	4206445-2	PLATE, CARBURETOR AIR INDUCTION MECHANISM	1	A
- 47	MS21044N3	NUT, (ALT PN AN365-1032)	8	A
- 48	MS35207-263	SCREW, (ALT PN AN520-10-8)	8	A
- 49	5206291-44	COVER ASSY, CARBURETOR AIR INDUCTION (WELDED)	1	A
- 50	AAF865-1	FLANGE	4	A
- 51	5206696	NOSE ASSY, CARBURETOR AIR INDUCTION SHEET METAL	1	A
		A 183 THRU 209		

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

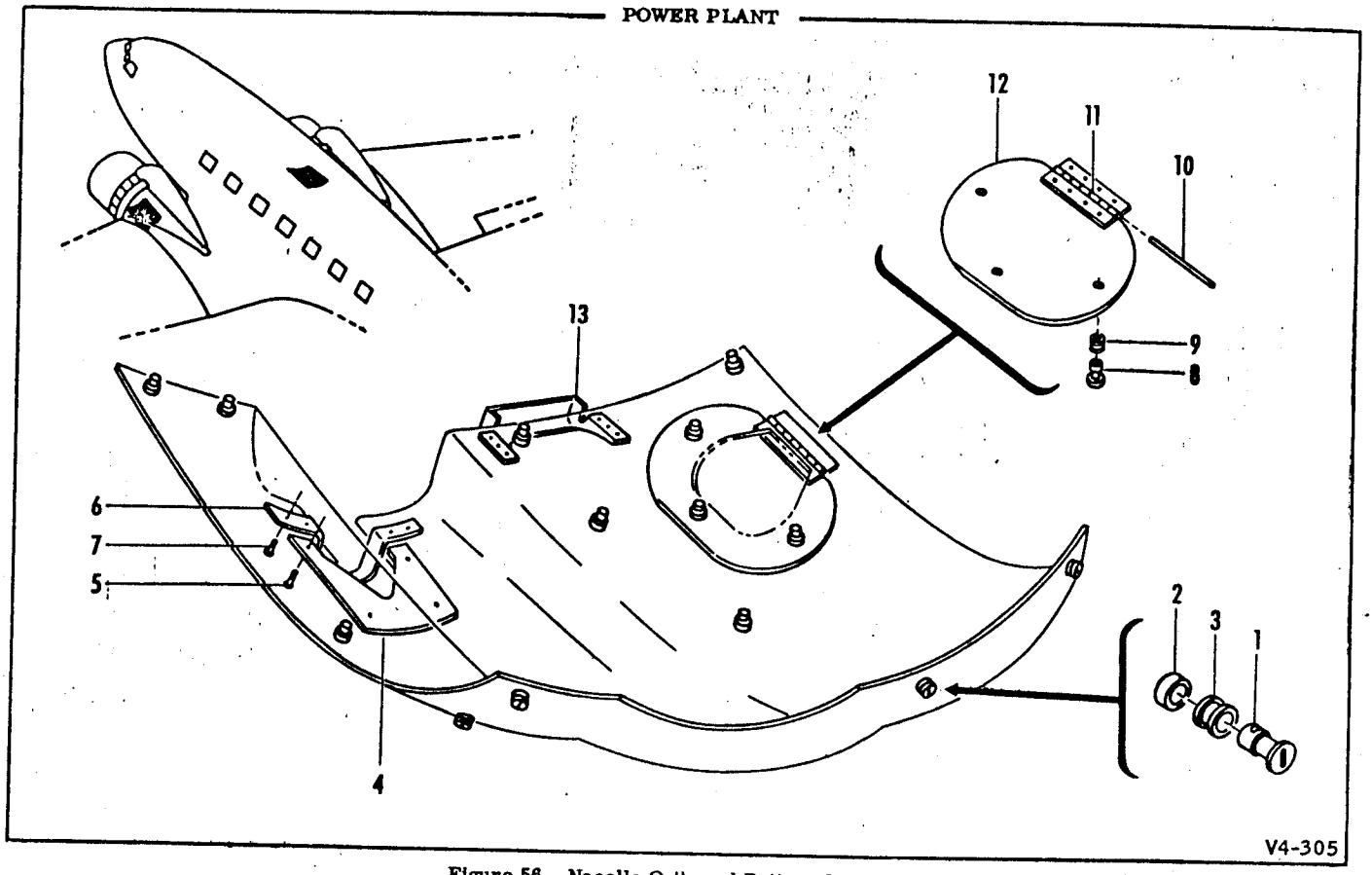


Figure 56. Nacelle Outboard Bottom Cowling

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
56	5115653	COWLING ASSY, NACELLE OUTBOARD BOTTOM LH (SEE T.O. 1C-47-509) (SEE FIG. 49 FOR NHA)	REF	A
	5142362	COWLING ASSY, NACELLE OUTBOARD BOTTOM LH (SEE T.O. 1C-47-509) (SEE FIG. 49 FOR NHA)	REF	B
	5115653-1	COWLING ASSY, NACELLE OUTBOARD BOTTOM RH (SEE T.O. 1C-47-509) (SEE FIG. 49 FOR NHA)	REF	A
	5142362-1	COWLING ASSY, NACELLE OUTBOARD BOTTOM RH (SEE T.O. 1C-47-509) (SEE FIG. 49 FOR NHA)	REF	B
- 1	AJ6-1/2-90	FASTENER, (72794)	11	
- 2	NAS43DD10-30	SPACER, (ALT PN S2033900-12D120-015)	11	
- 3	GAS5-1/2.632	GROMMET, SPECIAL (T DIMENSION 0.651) (72794)	11	
- 4	4142416	COVER, MUFF HEATER COWLING CUTOUT (DRILL ON INSTL) (ATTACHING PARTS)	1	B
- 5	MS35207-263	SCREW, (ALT PN AN526-1032-8)	4	B
- 6	4142471	STRAP, MUFF HEATER COWLING REINFORCING (DRILL ON INSTL) (ATTACHING PARTS)	1	B
- 7	MS35207-263	SCREW, (ALT PN AN526-1032-8)	4	B
	4136808	DOOR ASSY, HAND STARTER MESHING DEVICE ACCESS (RH ONLY)	1	
- 8	A5-30	FASTENER, (72794)	3	
- 9	GA5-312	GROMMET, (72794)	3	
- 10	S121873-091-408	PIN, SAFETY	1	
- 11	S1297870412	HINGE, DRILLED HOOD 1-1/4	1	
- 12	4136808-2	DOOR, HAND STARTER MESHING DEVICE ACCESS	1	
- 13	4115641	SCOOP, LORD ENGINE MOUNT COOLER	1	
	B1141-10	DOOR, ACCESS (ADDED PER T.O. 1C-47-509)	1	
	B1164-1	PIN, (ADDED PER T.O. 1C-47-509)	1	
	B1164-2	HINGE, (ADDED PER T.O. 1C-47-509)	1	
		A 001, 002 AND 026 B 003 THRU 025 AND 027 THRU 558		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

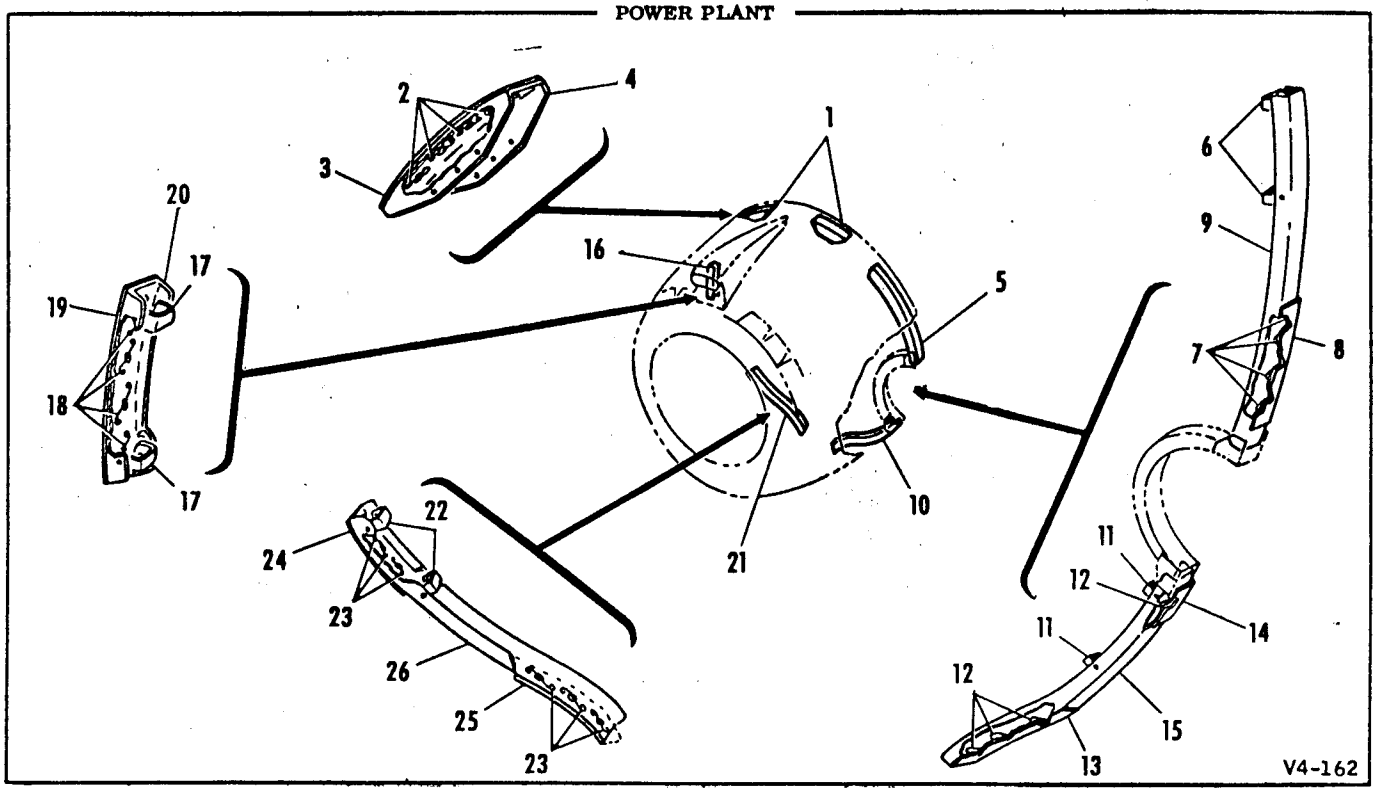


Figure 57. Nacelle Cowling Attachment Plates

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
57		NACELLE COWLING ATTACHMENT PLATES		
- 1	2119212	PLATE ASSY, NACELLE COWLING INBOARD CENTER ATTACHING (SEE FIG. 49 FOR NHA)	REF	
- 2	125	SPRING, (72794)	4	
- 3	2119212-4	STRIP, NACELLE COWLING INBOARD CENTER ATTACHING PLATE NEOPRENE	1	
- 4	2119212-2	CHANNEL, NACELLE COWLING INBOARD CENTER ATTACHING PLATE	1	
	3119328	PLATE ASSY, NACELLE COWLING OUTBOARD ATTACHING (LH) (SEE FIG. 49 FOR NHA)	REF	
	3119328-1	PLATE ASSY, NACELLE COWLING OUTBOARD ATTACHING (RH) (SEE FIG. 49 FOR NHA)	REF	
- 5	4119387	PLATE ASSY, NACELLE COWLING OUTBOARD UPPER ATTACHING (LH)	1	
	4119387-1	PLATE ASSY, NACELLE COWLING OUTBOARD UPPER ATTACHING (RH)	1	
- 6	1119388	BRACKET, NACELLE COWLING FORMER	2	
- 7	125	SPRING, (72794)	4	
- 8	4119387-4	STRIP, NACELLE COWLING OUTBOARD UPPER ATTACHING PLATE NEOPRENE	1	
- 9	4119387-2	CHANNEL, NACELLE COWLING OUTBOARD UPPER ATTACHING PLATE (LH)	1	
	4119387-3	CHANNEL, NACELLE COWLING OUTBOARD UPPER ATTACHING PLATE (RH)	1	
- 10	4119363	PLATE ASSY, NACELLE COWLING OUTBOARD LOWER ATTACHING (LH)	1	
	4119363-1	PLATE ASSY, NACELLE COWLING OUTBOARD LOWER ATTACHING (RH)	1	
- 11	1119388	BRACKET, NACELLE COWLING FORMER	2	
- 12	125	SPRING, (72794)	4	
- 13	4119363-4	STRIP, NACELLE COWLING OUTBOARD LOWER ATTACHING PLATE NEOPRENE	1	
- 14	4119363-6	STRIP, NACELLE COWLING OUTBOARD LOWER ATTACHING PLATE NEOPRENE	1	
- 15	4119363-2	CHANNEL, NACELLE COWLING OUTBOARD LOWER ATTACHING PLATE (LH)	1	
	4119363-3	CHANNEL, NACELLE COWLING OUTBOARD LOWER ATTACHING PLATE (RH)	1	
- 16	4119258	PLATE ASSY, NACELLE COWLING ATTACHING (SEE FIG. 49 FOR NHA)	REF	
- 17	1119388	BRACKET, NACELLE COWLING FORMER	2	
- 18	125	SPRING, (72794)	4	
- 19	4119258-4	STRIP, NACELLE COWLING ATTACHING PLATE NEOPRENE	1	
- 20	4119258-2	CHANNEL, NACELLE COWLING ATTACHING PLATE	1	
- 21	4115638	PLATE ASSY, NACELLE COWLING INBOARD LOWER ATTACHMENT (LH) (SEE FIG. 49 FOR NHA)	REF	
	4115638-1	PLATE ASSY, NACELLE COWLING INBOARD LOWER ATTACHMENT (RH) (SEE FIG. 49 FOR NHA)	REF	
- 22	1119388	BRACKET, NACELLE COWLING FORMER	2	
- 23	125	SPRING, (72794)	6	
- 24	4115638-4	STRIP, NACELLE COWLING INBOARD LOWER ATTACHMENT PLATE NEOPRENE	1	
- 25	4115638-6	STRIP, NACELLE COWLING INBOARD LOWER ATTACHMENT PLATE NEOPRENE	1	
- 26	4115638-2	CHANNEL, NACELLE COWLING INBOARD LOWER ATTACHMENT PLATE (LH)	1	
	4115638-3	CHANNEL, NACELLE COWLING INBOARD LOWER ATTACHMENT PLATE (RH)	1	

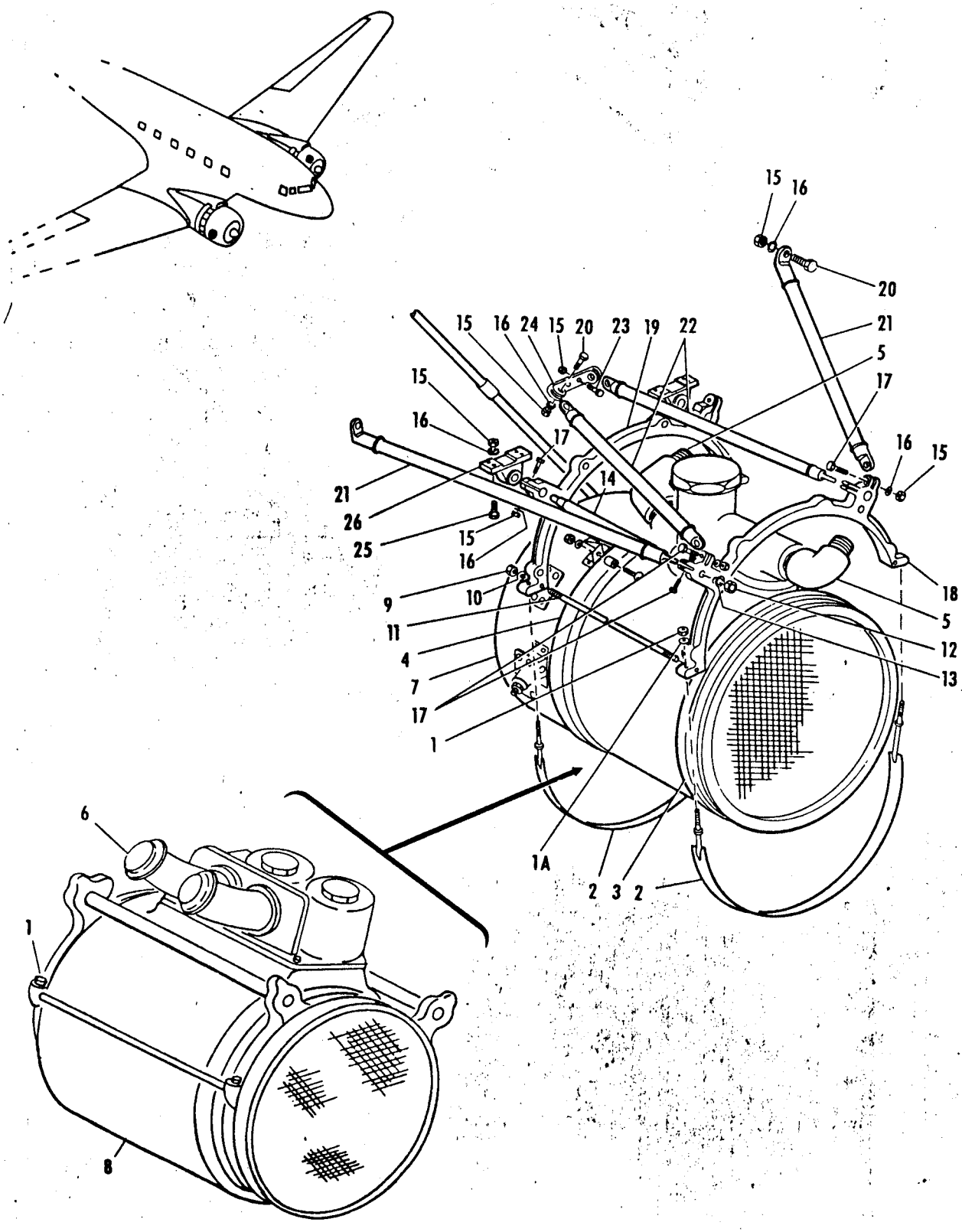


Figure 58. Engine Section Oil System

V4-220

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
58	5141504	SYSTEM INSTL, ENGINE SECTION OIL LH (SEE T.O. 1C-1-510) (SEE FIG. 39 FOR NHA)	REF	A
	5203252	SYSTEM INSTL, ENGINE SECTION OIL LH (SEE T.O. 1C-1-510) (SEE FIG. 39 FOR NHA)	REF	B
	5203742	SYSTEM INSTL, ENGINE SECTION OIL LH (SEE T.O. 1C-1-510) (SEE FIG. 39 FOR NHA)	REF	C
	5203251	SYSTEM INSTL, ENGINE SECTION OIL LH (SEE T.O. 1C-1-510) (SEE FIG. 39 FOR NHA)	REF	D
	5141504-1	SYSTEM INSTL, ENGINE SECTION OIL RH (SEE T.O. 1C-1-510) (SEE FIG. 39 FOR NHA)	REF	A
	5203252-1	SYSTEM INSTL, ENGINE SECTION OIL RH (SEE T.O. 1C-1-510) (SEE FIG. 39 FOR NHA)	REF	B
	5203742-1	SYSTEM INSTL, ENGINE SECTION OIL RH (SEE T.O. 1C-1-510) (SEE FIG. 39 FOR NHA)	REF	C
	5203251-1	SYSTEM INSTL, ENGINE SECTION OIL RH (SEE T.O. 1C-1-510) (SEE FIG. 39 FOR NHA)	REF	D
- 1	MS21044N4	NUT, (ALT PN AN365-428)	4	
- 1A	AN960D416L	WASHER	4	
- 2	1118003	STRAP ASSY, OIL COOLER SUPPORT	2	
- 3	4118182	RING, OIL COOLER MOUNT FRONT	1	
- 4	4117414	RING, OIL COOLER MOUNT REAR	1	
- 5	MS20822-4	ELBOW, (ALT PN AN822-16-12)	2	
- 6	980018-160	FITTING ASSY, OIL COOLER RELIEF VALVE (WELDED) (ALT PN AD135 (00624)) (USED WITH 16499 OR UD16011DV8UB) (1343132-6 and 2143880)	4	
	AD135	FITTING ASSY, OIL COOLER RELIEF VALVE (00624) (USED WITH 16499 OR UD16011DV8UB)	4	
- 7	19632	COOLER ASSY, 11 IN. DIAMETER OIL (70210) (ALT PN 16499 (61858) OR UD16011DV8UB (61858))	1	
- 8	16499	COOLER ASSY, 11 IN. DIAMETER OIL (61858)	1	
	UD16011DV8UB	COOLER ASSY, 11 IN. DIAMETER OIL (61858)	1	
- 9	MS21044N4	NUT, (ALT P/N 365-428)	8	
- 10	AN960C416L	WASHER	8	
- 11	2117415	SPACER, OIL COOLER RING SUPPORT	4	
- 12	MS21044N5	NUT, (ALT P/N AN365-524)	4	
- 13	AN960C516L	WASHER	8	
- 14	2117337	TUBE ASSY, OIL COOLER HANGER	2	
- 15	MS21083N3	NUT, (ALT PN AN364-1032)	20	
- 16	AN960C10L	WASHER	20	
- 17	AN3-7A	BOLT	6	
- 18	4116696	RING, OIL COOLER SUPPORT FRONT (MAKE FROM S4116262)	1	
- 19	4116695	RING, OIL COOLER SUPPORT REAR (MAKE FROM S4116262)	1	
- 20	AN3-6A	BOLT	4	
- 21	2117340	TUBE ASSY, OIL COOLER SIDE BRACE	2	
- 22	2117336	TUBE ASSY, OIL COOLER CENTER BRACE	2	
- 23	AN3-5A	BOLT	2	
- 24	2117172	SUPPORT, OIL COOLER UPPER (MAKE FROM S2117171)	1	
- 25	AN3-4A	BOLT	8	
- 26	S2117037	BRACKET, OIL COOLER MAIN SUPPORT	2	
		A 001 THRU 015, 026 THRU 029 AND 558		
		B 030 THRU 056, 071 THRU 145, 149 THRU 171, 179 THRU 182 AND 555 THRU 557		
		C 172 THRU 177 AND 183 THRU 554		
		D 016 THRU 025, 057 THRU 070, 146 THRU 148 AND 178		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

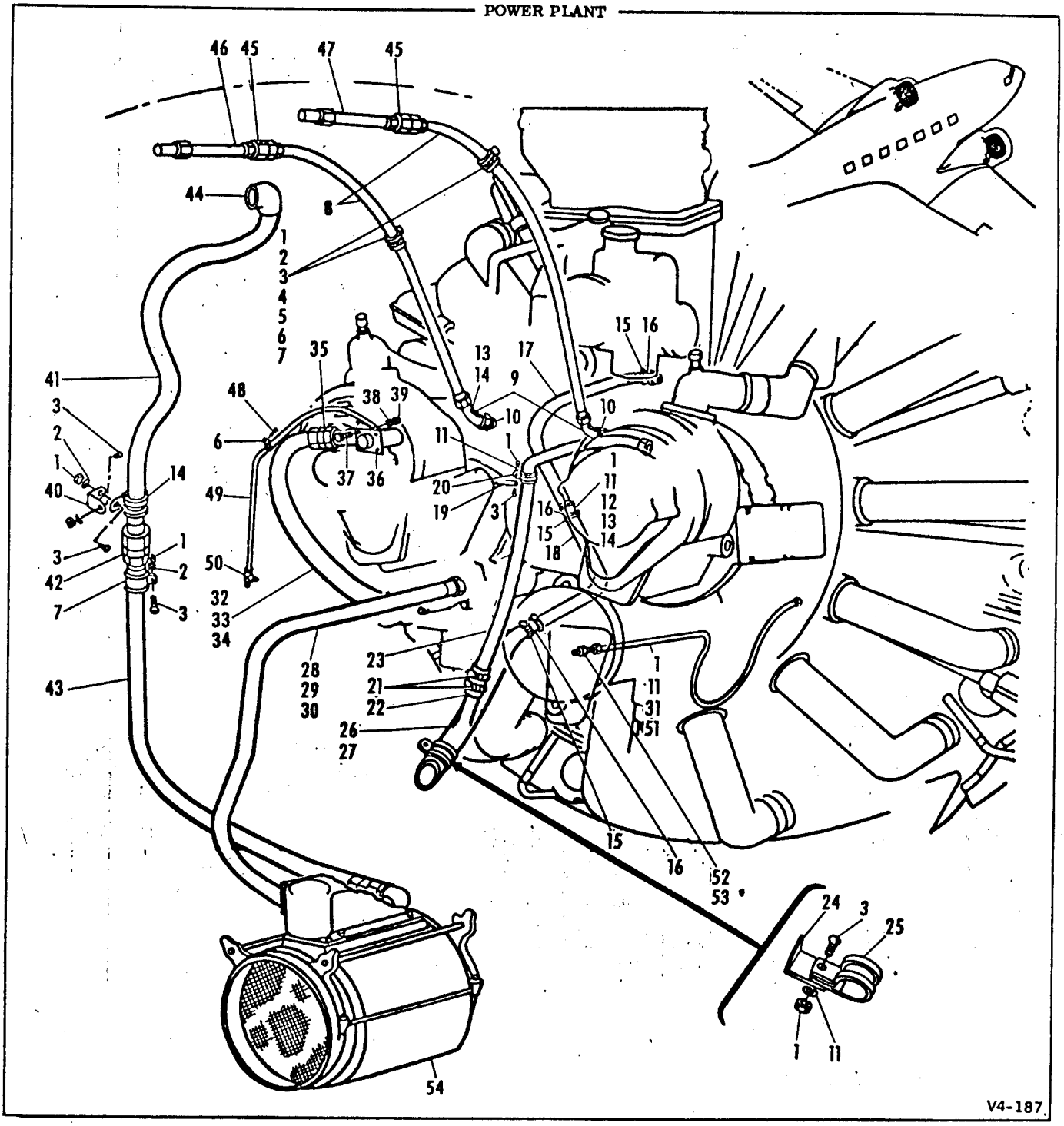


Figure 59. Engine Section Oil System

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
59	5141504	SYSTEM INSTL, ENGINE SECTION OIL LH (SEE T.O. 1C-1-510) (SEE FIG. 39 FOR NHA)	REF	A
	5203252	SYSTEM INSTL, ENGINE SECTION OIL LH (SEE T.O. 1C-1-510) (SEE FIG. 39 FOR NHA)	REF	B
	5203742	SYSTEM INSTL, ENGINE SECTION OIL LH (SEE T.O. 1C-1-510) (SEE FIG. 39 FOR NHA)	REF	C
	5203251	SYSTEM INSTL, ENGINE SECTION OIL LH (SEE T.O. 1C-1-510) (SEE FIG. 39 FOR NHA)	REF	D
	5141504-1	SYSTEM INSTL, ENGINE SECTION OIL RH (SEE T.O. 1C-1-510) (SEE FIG. 39 FOR NHA)	REF	A

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
59	CONTINUED			
	5203252-1	SYSTEM INSTL, ENGINE SECTION OIL RH (SEE T.O. 1C-1-510) (SEE FIG. 39 FOR NHA)	REF	B
	5203742-1	SYSTEM INSTL, ENGINE SECTION OIL RH (SEE T.O. 1C-1-510) (SEE FIG. 39 FOR NHA)	REF	C
	5203251-1	SYSTEM INSTL, ENGINE SECTION OIL RH (SEE T.O. 1C-1-510) (SEE FIG. 39 FOR NHA)	REF	D
- 1	MS21044N3	NUT, (ALT FOR P/N AN365-1032)	19	
- 2	AN960-10L	WASHER	14	
- 3	MS35207-264	SCREW, (ALT PN AN520-10R10)	10	
- 4	MS21919DG12	CLAMP, (ALT PN AN742D14C)	4	
- 5	MS24621-18	SCREW, (ALT PN AN530-6R8)	10	
- 6	MS21919DG8	CLAMP, (ALT PN AN742D10C)	8	
- 7	MS21919DG18	CLAMP, (ALT PN AN742D20C)	4	
- 8	MS28741-8-0350	HOSE ASSY	2	
- 9	MS20823-8	ELBOW, (ALT PN AN823-8)	2	
- 10	AN912-8	REDUCER	2	
- 11	AN960-10	WASHER	21	
- 12	MS35207-267	SCREW, (ALT PN AN520-10R16)	2	
- 13	NAS43DD3-28	SPACER	2	
- 14	MS21919DG16	CLAMP, (ALT PN AN742D18C)	5	
- 15	AN737TW44-46	CLAMP, (ALT PN AN737-46)	6	
- 16	3706-16-12	HOSE, REF MIL-H-8794 (79470)	3	
- 17	3355035-512	PIPE ASSY, CASE BREATHER FRONT (FROM CASE TO HOSE)	1	
- 18	3355035-514	PIPE ASSY, CASE BREATHER FRONT (FROM HOSE TO WYE)	1	
- 19	2355038	STRAP, FLEXIBLE CONDUIT STANDOFF	1	
- 20	MS21919DG10	CLAMP, (ALT PN AN742D12C)	1	
- 21	AN737TW34-38	CLAMP, (ALT PN AN737-34)	4	
- 22	MIL-H-6000 Size 10	HOSE, (79470)	2	
- 23	3355035-518	PIPE ASSY, CASE BREATHER REAR (FROM CASE TO WYE) (Applicable to -92 ENGINE)	1	
	5204335-3	PIPE ASSY, CASE BREATHER REAR (From Case to WYE) (APPLICABLE TO -90D ENGINE)	1	
- 24	2355053	ANGLE, FLEXIBLE CONDUIT STANDOFF	1	
- 25	MS21919DG24	CLAMP, (ALT PN AN742D26C)	1	
- 26	4355063	VENT, Y FITTING BREATHER	1	
- 27	4189596	VENT, Y FITTING BREATHER (Used on the R-1830-90D Engine)	1	
- 28	AN960-416	WASHER	6	
- 29	MS21083N4	NUT, (ALT PN AN364-428)	6	
- 30	9550-16-33-1/4	HOSE ASSY, (00624)	1	
- 31	MS35207-263	SCREW, (ALT PN AN520-10R8)	6	
- 32	MS21919DG28	CLAMP, (ALT PN AN742D30C)	3	
- 33	2355053	ANGLE, FLEXIBLE CONDUIT STANDOFF	1	
- 34	9550-24-27-1/2	HOSE, (00624) (ALT PN SK347-24-27-1/2 (00624))	1	
- 35	AN815-24	UNION	1	
- 36	5347195-10	FITTING ASSY, FIREWALL MAIN OIL TUBE (ATTACHING PARTS)	1	
- 37	AN3-3A	BOLT	4	
- 38	AN960-10	WASHER	4	
- 39	MS21044N3	NUT, (ALT PN AN365-1032)	4	
- 40	2355053	ANGLE, FLEXIBLE CONDUIT STANDOFF	1	
- 41	3355035-510	PIPE ASSY, FIREWALL TO FLEXIBLE HOSE	1	
- 42	AN815-16	UNION	1	
- 43	390A16D22-3/4	HOSE ASSY, (00624)	1	
- 44	4347189	ELBOW, OIL TANK RETURN	1	
- 45	AN924-12	NUT	2	
- 46	2347191-2	TUBE ASSY, OIL TANK VENT THRU FIREWALL	1	
- 47	2347191-4	TUBE ASSY, OIL TANK VENT THRU FIREWALL	1	
- 48	MS35207-261	SCREW, (ALT PN AN520-10R6)	1	
- 49	MS28741-4-0270	HOSE ASSY	1	
- 50	AN825-4T	TEE	1	
- 51	MS28741-4-0310	HOSE ASSY, LH	1	
	MS28741-4-0440	HOSE ASSY, RH	1	
- 52	7760003-38	FITTING, 1/8 IN. PIPE THREAD PRESSURE RESTRICTION	1	
- 53	AN924-4	NUT	1	
- 54	19632	COOLER ASSY, 11 IN. DIAMETER OIL (70210) (ALT PN 16499 (61858) OR UD16011DV8UB (61858))	1	
	16499	COOLER ASSY, 11 IN. DIAMETER OIL (61858)	1	
	UD16011DV8UB	COOLER ASSY, 11 IN. DIAMETER OIL (61858)	1	
		A 001 THRU 015, 026 THRU 029 AND 558		
		B 030 THRU 056, 071 THRU 145, 149 THRU 171, 179 THRU 182 AND 555 THRU 557		
		C 172 THRU 177 AND 183 THRU 554		
		D 016 THRU 025, 057 THRU 070, 146 THRU 148 AND 178		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

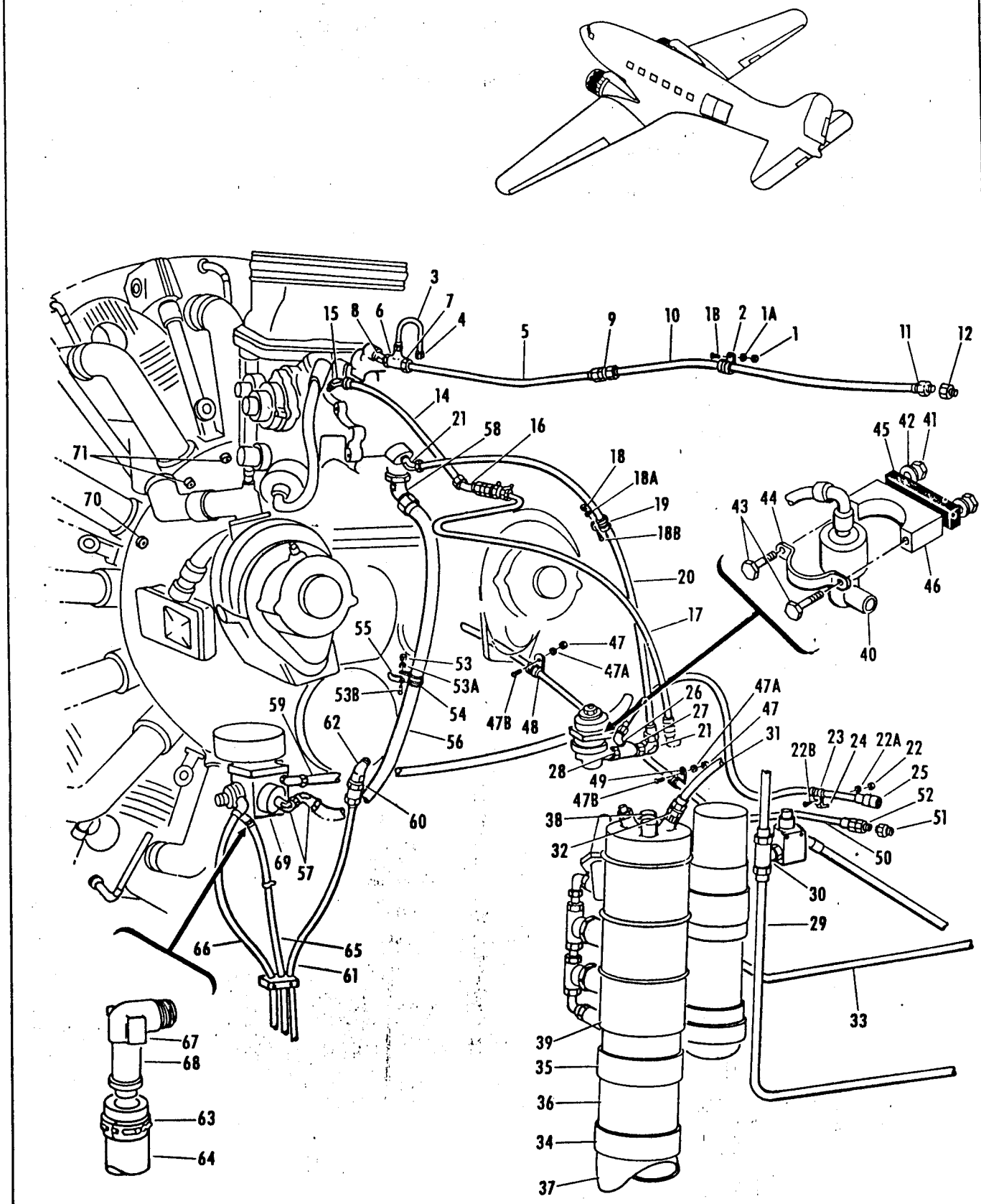


Figure 60. Engine Section Fuel System

V4-150

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
60	5110577	SYSTEM INSTL, ENGINE SECTION FUEL LH (SEE T.O. 1C-1-31, 1C-1-510, 1C-47-509 AND 1C-47-510) (SEE FIG. 39 FOR NHA)	REF	A
	5141805	SYSTEM INSTL, ENGINE SECTION FUEL LH (SEE T.O. 1C-1-31, 1C-1-510, 1C-47-509 AND 1C-47-510) (SEE FIG. 39 FOR NHA)	REF	B
	5205672	SYSTEM INSTL, ENGINE SECTION FUEL LH (SEE T.O. 1C-1-31, 1C-1-510, 1C-47-509 AND 1C-47-510) (SEE FIG. 39 FOR NHA)	REF	C
	5203743	SYSTEM INSTL, ENGINE SECTION FUEL LH (SEE T.O. 1C-1-31, 1C-1-510, 1C-47-509 AND 1C-47-510) (SEE FIG. 39 FOR NHA)	REF	D
	5110577-1	SYSTEM INSTL, ENGINE SECTION FUEL RH (SEE T.O. 1C-1-31, 1C-1-510, 1C-47-509 AND 1C-47-510) (SEE FIG. 39 FOR NHA)	REF	A
	5141805-1	SYSTEM INSTL, ENGINE SECTION FUEL RH (SEE T.O. 1C-1-31, 1C-1-510, 1C-47-509 AND 1C-47-510) (SEE FIG. 39 FOR NHA)	REF	B
	5205672-1	SYSTEM INSTL, ENGINE SECTION FUEL RH (SEE T.O. 1C-1-31, 1C-1-510, 1C-47-509 AND 1C-47-510) (SEE FIG. 39 FOR NHA)	REF	C
	5203743-1	SYSTEM INSTL, ENGINE SECTION FUEL RH (SEE T.O. 1C-1-31, 1C-1-510, 1C-47-509 AND 1C-47-510) (SEE FIG. 39 FOR NHA)	REF	D
- 1	MS21044N3	NUT, (ALT PN AN365-1032)	2	
- 1A	AN960-10L	WASHER	2	
- 1B	MS35207-263	SCREW, (ALT PN AN520-10R8)	2	
- 2	MS21919DF6	CLAMP, (ALT PN AN742D8C)	2	
	AN743-10	BRACKET	2	
	NAS75-10-028	SPACER	1	
- 3	3355035-538	PIPE ASSY, CARBURETOR FUEL BALANCE	1	
- 4	AN816-4	NIPPLE	1	
- 5	MS28741-4-0090	HOSE ASSY, CARBURETOR TO REDUCER	1	
- 6	AN919-6	REDUCER	1	
- 7	MS20826-4	TEE, (ALT PN AN826-4)	1	
- 8	MS20823-4	ELBOW, (ALT PN AN823-4)	1	
- 9	AN919-6	REDUCER	1	
- 10	3355035-528	PIPE ASSY, REDUCER TO FIREWALL	1	
- 11	AN924-6	NUT	1	
	NAS75-10-028	SPACER	1	
	MS20002-10	WASHER, (ALT PN NAS143-10)	1	
- 12	2347288	FITTING, FIREWALL CARBURETOR OVERFLOW	1	
- 13	DELETED			
- 14	3355035-530	PIPE ASSY, FUEL CYLINDER PRIMER SPIDER TO DIAPHRAGM LH	1	
	3355035-590	PIPE ASSY, FUEL CYLINDER PRIMER SPIDER TO DIAPHRAGM RH	1	
- 15	MS20822-4	ELBOW, (ALT PN AN822-4)	1	
- 16	AN837-4	ELBOW	1	
	AN924-4	NUT	1	
	AN960-716	WASHER	2	
	MS21044N3	NUT, (ALT PN AN365-1032)	6	
	AN960-10	WASHER	12	
	MS35207-263	SCREW, (ALT PN AN520-10R8)	6	
	AN924-4	NUT	1	
	MS21919DF8	CLAMP, (ALT PN AN742D10C)	1	
	MS21919DF20	CLAMP, (ALT PN AN742D22C)	1	
	MS21919DF12	CLAMP, (ALT PN AN742D14C)	1	
	2355037	ANGLE, FLEXIBLE CONDUIT STANDOFF	2	
	2355038	STRAP, FLEXIBLE CONDUIT STANDOFF	1	
- 17	MS28741-4-0390	HOSE ASSY	1	
- 18	MS21044N3	NUT, (ALT PN AN365-1032)	1	
- 18A	AN960-10	WASHER	2	
- 18B	MS35207-261	SCREW, (ALT PN AN520-10R6)	1	
- 19	MS21919DF8	CLAMP, (ALT PN AN742D10C)	1	
- 20	MS28741-4-0224	HOSE ASSY, CARBURETOR TO FITTING	1	
- 21	MS20822-4	ELBOW, (ALT PN AN822-4)	2	
- 22	MS21044N3	NUT, (ALT PN AN365-1032)	1	
- 22A	AN960-10	WASHER	2	
- 22B	MS35207-261	SCREW, (ALT PN AN520-10R6)	1	
- 23	MS21919F4	CLAMP, (ALT PN AN742-6C)	1	
	MS21919DF21	CLAMP, (ALT PN AN742D23C)	1	
	MS21919DF12	CLAMP, (ALT PN AN742D14C)	1	
- 24	AN743-6	BRACKET	1	
	2355038	STRAP, FLEXIBLE CONDUIT STANDOFF	1	
- 25	3355035-524	PIPE ASSY, SOLENOID TO FIREWALL LH	1	
	B1437-20	PIPE ASSY, SOLENOID TO FIREWALL RH (SEE T.O. 1C-47-510)	1	
- 26	MS20823-4	ELBOW, (ALT PN AN823-4) (LH ONLY)	1	
	MS20823-12	ELBOW, (ALT PN AN823-12) (RH ONLY)	1	
- 27	AN4077-2	FITTING	1	
- 28	AN816-4	NIPPLE, (LH ONLY)	1	
	AN924-4	NUT, (LH ONLY)	1	
	AN914-6	ELBOW, (RH ONLY)	1	
- 29	R3800-4-0350	HOSE ASSY, DRAIN LINE LH (50599) (SEE T.O. 1C-47-509)	1	
	R3800-4-0260	HOSE ASSY, DRAIN LINE RH (50599) (SEE T.O. 1C-47-509)	1	
- 30	AN824-4	TEE	1	
- 31	R3800-4-0420	HOSE ASSY, OUT LINE LH (50599) (SEE T.O. 1C-47-509)	1	
	R3800-4-0270	HOSE ASSY, OUT LINE RH (50599) (SEE T.O. 1C-47-509)	1	
- 32	AN832-4	UNION	1	
	AN924-4	NUT	1	
	MS29512-4	GASKET	1	
- 33	B1407-30	PIPE ASSY, HOT FUEL PRIMER LH (SEE T.O. 1C-47-509)	1	
	B1407-10	PIPE ASSY, HOT FUEL PRIMER RH (SEE T.O. 1C-47-509)	1	
- 34	AN737TW58-66	CLAMP, (ALT PN AN737TW58)	1	
- 35	21C14	CLAMP, (89513)	1	
- 36	B1165-10	PIPE, HOT FUEL PRIMER EXHAUST (SEE T.O. 1C-47-509)	1	
- 37	B1079-10	OUTLET, HOT FUEL PRIMER EXHAUST (SEE T.O. 1C-47-509)	1	
	B1079-3	DEFLECTOR, HOT FUEL PRIMER EXHAUST (SEE T.O. 1C-47-509)	1	

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
	CONTINUED			
60	B1164-3	PIPE, DRAIN (SEE T.O. 1C-47-509)	1	
- 38	MS28034-3	BULB ASSY	1	
	MS29512-4	GASKET	1	
- 39	34C38	UNIT ASSY, HOT FUEL PRIMING (89513)	1	
		(ATTACHING PARTS)		
	AN4H5	BOLT	4	
	AN960C416	WASHER	4	
	AN3-5	BOLT	4	
	AN960C10	WASHER	4	
	MS21044N3	NUT, (ALT PN AN365-1032)	4	
	B1046-101	CHANNEL ASSY, HOT FUEL PRIMING UNIT SUPPORT (SEE T.O. 1C-47-509)	2	
	B1163-1	ANGLE, (SEE T.O. 1C-47-509)	1	
- 40	G104D2	VALVE ASSY, SOLENOID (40931)	2	
- 41	MS21044N3	NUT, (ALT PN AN365-1032)	4	
- 42	AN960-10	WASHER	4	
- 43	AN3-15A	BOLT	4	
- 44	MS21919DF9	CLAMP, (ALT PN AN742D11C)	4	
- 45	1335278	CUSHION, OIL DILUTION SOLENOID SUPPORT	2	
- 46	1335244	CLAMP, OIL DILUTION SOLENOID SUPPORT	2	
- 47	MS21044N3	NUT, (ALT PN AN365-1032)	2	
- 47A	AN960-10	WASHER	4	
- 47B	MS35207-263	SCREW, (ALT PN AN520-10R8)	2	
- 48	MS21919DF8	CLAMP, (ALT PN AN742D10C)	2	
- 49	MS21919DF21	CLAMP, (ALT PN AN742D23C)	2	
- 50	MS28741-4-0320	HOSE ASSY, DIAPHRAGM TO FIREWALL	1	
- 51	S148779-823-4-55	FITTING, 1/8 IN. PIPE THREAD PRESSURE RESTRICTION	1	
- 52	AN912-1	REDUCER	1	
	AN924-4	NUT	1	
- 53	MS21044N3	NUT, (ALT PN AN365-1032)	2	
- 53A	AN960-10	WASHER	4	
- 53B	MS35207-263	SCREW, (ALT PN AN520-10R8)	2	
- 54	MS21919DF16	CLAMP, (ALT PN AN742D18C)	2	
- 55	2355053	ANGLE, FLEXIBLE CONDUIT STANDOFF	1	
- 56	MS28741-12-0380	HOSE ASSY, PUMP TO CARBURETOR	1	
- 57	MS20822-12	ELBOW, (ALT PN AN822-12)	2	
- 58	MS20823-12	ELBOW, (ALT PN AN823-12)	1	
	MS21044N3	NUT, (ALT PN AN365-1032)	4	
	AN960-10	WASHER	8	
	MS35207-264	SCREW, (ALT PN AN520-10R10)	4	
	MS21919DF16	CLAMP, (ALT PN AN742D18C)	4	
	2355053	ANGLE, FLEXIBLE CONDUIT STANDOFF	1	
	MS28741-12-0244	HOSE ASSY, PUMP TO FIREWALL RH	1	
- 59	MS28741-12-0286	HOSE ASSY, FUEL PUMP TO FIREWALL LH ENGINE	1	
	MS28741-12-0480	HOSE ASSY, FUEL PUMP TO FIREWALL RH ENGINE	1	
- 60	AN737TW30-34	CLAMP, (ALT PN AN737-30)	2	
	3706-8-12	HOSE, PER MIL-H-8794 (79470)	1	
	MS21919DF8	CLAMP, (ALT PN AN742D10C)	1	
- 61	3355035-536	HOSE, BLOWER DRAIN REAR CASE TO OVERBOARD	1	
- 62	AN844-8	ELBOW	1	
- 63	AN737RM22	CLAMP, (ALT PN AN737-22)	4	
- 64	3706-4-12	HOSE, PER MIL-H-8794 (79470)	2	
- 65	3355035-534	HOSE, FUEL DRAIN SYPHON PUMP TO OVERBOARD	1	
- 66	3355035-532	HOSE, FUEL DRAIN UPPER PUMP TO OVERBOARD	1	
- 67	S148779-840-4-70	FITTING, 1/8 IN. PIPE THREAD PRESSURE RESTRICTION	1	
- 68	AN842-4	ELBOW	1	
- 69	NO NUMBER	PUMP ASSY, FUEL (TYPE G9) (GFAE)	1	A
	MS29586	PUMP ASSY, FUEL (GFAE)	1	CD
	NO NUMBER	PUMP ASSY, FUEL (AC TYPE C3) (GFAE)	1	B
	TF100-2	PUMP ASSY, FUEL	1	A
	TF3500-4	PUMP ASSY, FUEL	1	B
- 70	MS20913-1S	PLUG, (ALT PN AN913-1S)	1	
- 71	MS20913-2S	PLUG, (ALT PN AN913-2S)	7	

A 026
B 001 THRU 025, 027 THRU 092, 146 THRU 171, 178 AND 555 THRU 558
C 093 THRU 145 AND 179 THRU 182
D 172 THRU 177 AND 183 THRU 554

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

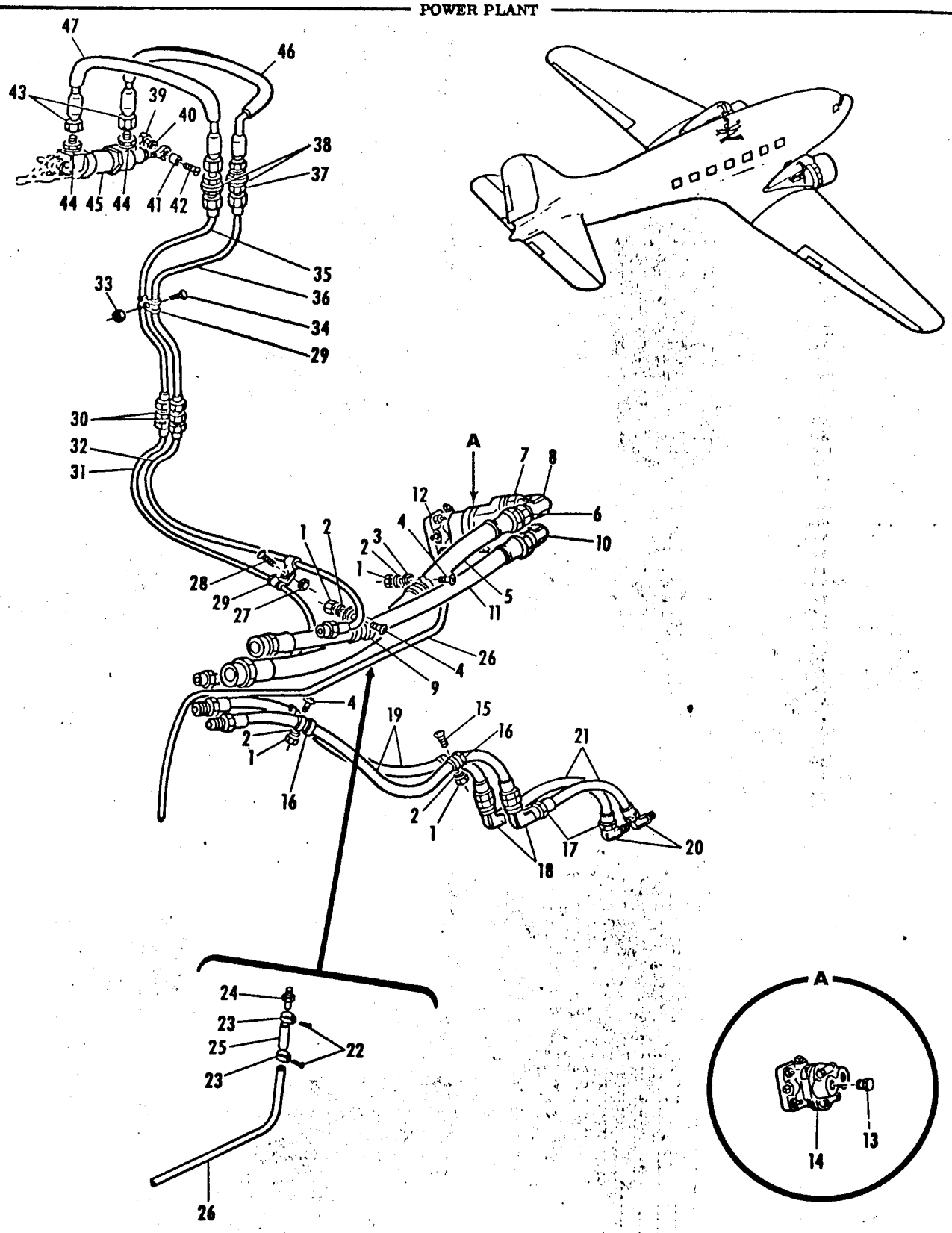


Figure 61. Engine Section Hydraulic

V4-85

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
61	5110578	HYDRAULIC INSTL, ENGINE SECTION LH (SEE T.O. 1C-1-31 AND T.O. 1C-1-510) (SEE FIG. 39 FOR NHA)	REF	AC
	5204439	HYDRAULIC INSTL, ENGINE SECTION LH (SEE T.O. 1C-1-31 AND T.O. 1C-1-510) (SEE FIG. 39 FOR NHA)	REF	DE
	5110578-1	HYDRAULIC INSTL, ENGINE SECTION RH (SEE T.O. 1C-1-31 AND T.O. 1C-1-510) (SEE FIG. 39 FOR NHA)	REF	AC
	5204439-1	HYDRAULIC INSTL, ENGINE SECTION RH (SEE T.O. 1C-1-31 AND T.O. 1C-1-510) (SEE FIG. 39 FOR NHA)	REF	DE
- 1	MS21044N3	NUT, (ALT PN 365-1032)	4	AE
- 2	AN960-10	WASHER	4	AE
- 3	MS21919DG14	CLAMP, (ALT PN AN742D16C)	1	AE
- 4	MS35207-264	SCREW, (ALT PN AN520-10R10)	4	AE
- 5	MS28741-12-0210	HOSE ASSY	1	AE
- 6	1355076	BUSHING, HYDRAULIC SUCTION FITTING AT PUMP REDUCER	1	AE
- 7	AN912-8	BUSHING	1	AE
- 8	AN914-3	ELBOW	1	AE
- 9	MS21919DG12	CLAMP, (ALT PN AN742D14C)	1	AE
- 10	MS20822-8	ELBOW, (ALT PN AN822-8)	1	AE
- 11	MS28741-8-0210	HOSE ASSY	1	AE
- 12	214U	PUMP ASSY, HYDRAULIC (77200)	1	A
	2203932	PUMP ASSY, HYDRAULIC	1	B,E
	2203617	PUMP ASSY, HYDRAULIC	1	CD
- 13	AN912-8	BUSHING, (ALT PN AAF895-85) (USED ON 2203932)	1	B,E
	AN912-8	BUSHING, (USED ON 2203617)	1	CD
- 14	1P582CA	PUMP ASSY, HYDRAULIC (77200) (ALT PN 1P582CAC OR 1P582K (77200))	1	BE
	1P582CAC	PUMP ASSY, HYDRAULIC (77200)	1	BE
	1P582K	PUMP ASSY, HYDRAULIC (77200)	1	BE
- 15	MS35207-265	SCREW, (ALT PN AN520-10R12)	1	AE
- 16	MS21919DG8	CLAMP, (ALT PN AN742D10C)	4	AE
	MS21919DG21	CLAMP, (ALT PN AN742D23C)	1	AE
- 17	AN924-4	NUT	4	AE
- 18	AN833-4	ELBOW	2	AE
- 19	MS28741-4-0270	HOSE ASSY	2	AE
- 20	MS20822-4	ELBOW, (ALT PN AN822-4)	2	AE
- 21	MS28741-4-0062	HOSE ASSY	2	AE
- 22	MS35207-263	SCREW, (ALT PN AN520-10R8)	2	AE
- 23	AN737RM22	CLAMP, (ALT PN AN737-22)	2	AE
	MS21919DG11	CLAMP, (ALT PN AN742D6C)	1	AE
- 24	AN840-4	ADAPTER	1	AE
- 25	3706-4-12	HOSE PER MIL-H-8794 (79470)	1	AE
- 26	3355035-552	PIPE ASSY, PUMP TO OVERBOARD LH	1	AE
	3355035-554	PIPE ASSY, PUMP TO OVERBOARD RH	1	AE
- 27	1788-8Z	NUT, (78553) (LH ONLY)	1	DE
	1788-8Z	NUT, (78553) (RH ONLY)	2	DE
- 28	MS24621-30	SCREW, (ALT PN AN530-8-8) (LH ONLY)	1	DE
	MS24621-30	SCREW, (ALT PN AN530-8-8) (RH ONLY)	2	DE
- 29	MS21919DG4	CLIP, (ALT PN A755-4-2-6) (00502))	4	DE
- 30	AN811HT4D	UNION	2	DE
- 31	4203427-1	PIPE ASSY, CARBURETOR AIR FILTER OPEN FIREWALL TO UNION LH	1	DE
	4203427-3	PIPE ASSY, CARBURETOR AIR FILTER OPEN FIREWALL TO UNION RH	1	DE
- 32	4203427-2	PIPE ASSY, CARBURETOR AIR FILTER CLOSED FIREWALL TO UNION LH	1	DE
	4203427-4	PIPE ASSY, CARBURETOR AIR FILTER CLOSED FIREWALL TO UNION RH	1	DE
- 33	NAS680A08	NUT, (ALT PN AN366F832)	1	DE
- 34	MS35206-245	SCREW, (ALT PN AN515-8-8)	1	DE
- 35	4203427-5	PIPE ASSY, CARBURETOR AIR FILTER OPEN UNION TO COWLING LH	1	DE
	4203427-7	PIPE ASSY, CARBURETOR AIR FILTER OPEN UNION TO COWLING RH	1	DE
- 36	4203427-6	PIPE ASSY, CARBURETOR AIR FILTER CLOSED UNION TO COWLING LH	1	DE
	4203427-8	PIPE ASSY, CARBURETOR AIR FILTER CLOSED UNION TO COWLING RH	1	DE
- 37	11-1039-1-3	NUT, LOCK (45681)	1	DE
- 38	3115-1HT4D	COUPLING, (45681)	2	DE
- 39	AN320-3	NUT	2	DE
- 40	AN960-516L	WASHER	4	DE
- 41	S1026614-3-012	SPACER, OD BEARING	2	DE
- 42	AN23-19	BOLT	2	DE
	2203170	CYLINDER ASSY, CARBURETOR NONRAM AIR FILTER	1	DE
- 43	3175-3-4D	UNION, (45681)	2	DE
- 44	3175-2-4D	GASKET, (45681)	2	DE
- 45	B10666	CYLINDER ASSY, (00502)	1	DE
- 46	2205248-2	HOSE ASSY, CARBURETOR NONRAM OPEN	1	DE
- 47	2205248-4	HOSE ASSY, CARBURETOR NONRAM CLOSED	1	DE
		A 001 THRU 023, 026 AND 027		
		B 028 THRU 056 , 149 THRU 171 AND 555 THRU 558		
		C 024 THRU 025 AND 146 THRU 148		
		D 057 THRU 063		
		E 064 THRU 145 AND 178 THRU 182		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

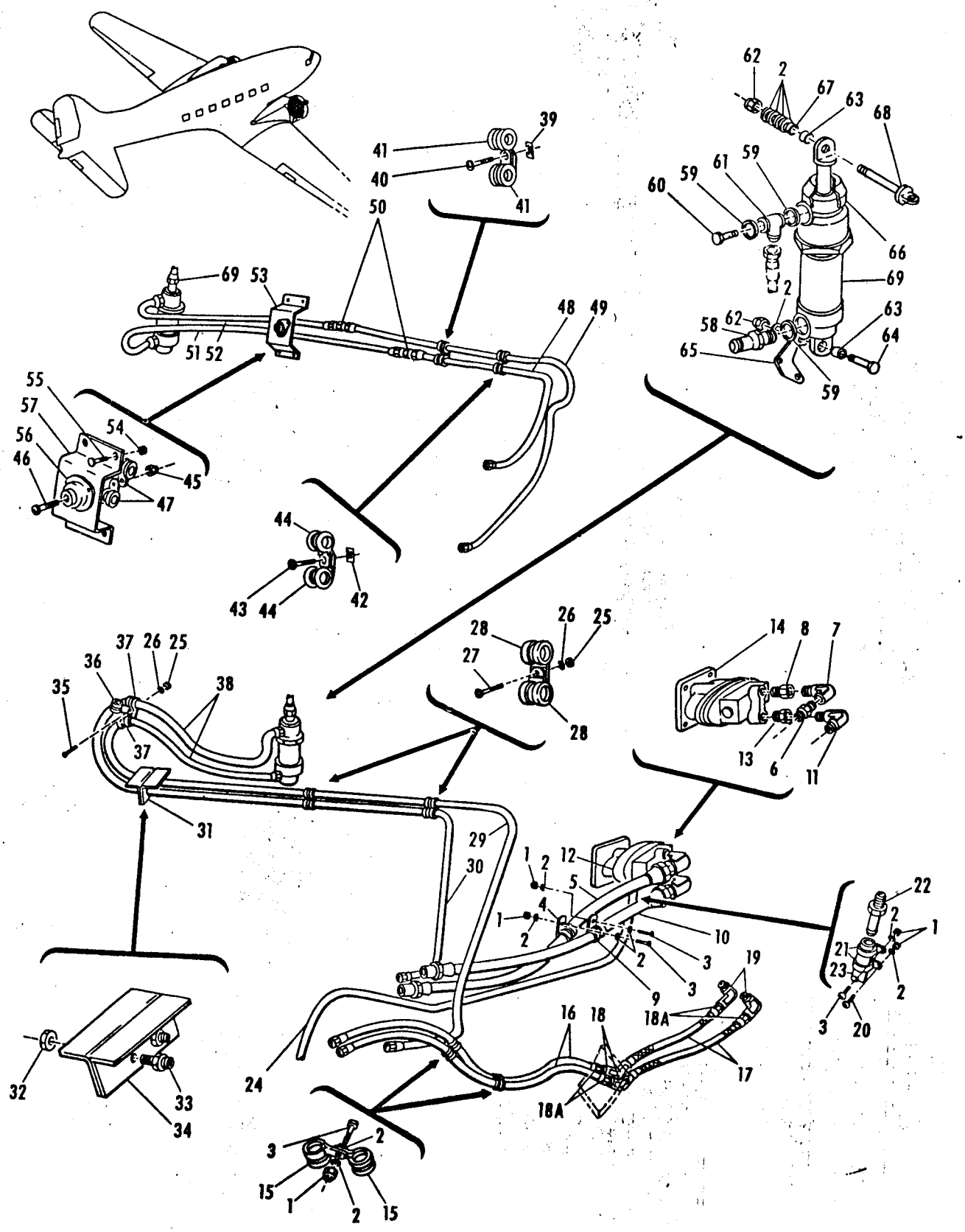


Figure 62. Engine Section Hydraulic

V4-166

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
62	5203834	HYDRAULIC INSTL, ENGINE SECTION LH (SEE T.O. 1C-1-31 AND T.O. 1C-1-510) (SEE FIG. 39 FOR NHA)	REF	AB
	5203834-1	HYDRAULIC INSTL, ENGINE SECTION RH (SEE T.O. 1C-1-31 AND T.O. 1C-1-510) (SEE FIG. 39 FOR NHA)	REF	AB
- 1	MS21044N3	NUT, (ALT PN AN365-1032)	6	AB
- 2	AN960-10	WASHER	15	AB
- 3	MS35207-264	SCREW, (ALT PN AN520-10R10)	5	AB
- 4	MS21919DG16	CLAMP, (ALT PN AN742D16C)	1	AB
- 5	MS28741-12-0186	HOSE ASSY	1	AB
- 6	1355076	BUSHING	1	AB
- 7	AN914-3	ELBOW	1	AB
- 8	AN912-8	REDUCER	1	AB
- 9	MS21919DG12	CLAMP, (ALT PN AN742D14C)	1	AB
- 10	MS28741-8-0194	HOSE ASSY	1	AB
- 11	MS20822-8	ELBOW, (ALT PN AN822-8)	1	AB
- 12	2203932	PUMP ASSY, HYDRAULIC	1	AB
- 13	AN912-8	REDUCER, (ALT PN AN895-8S)	1	AB
- 14	1P582CA	PUMP ASSY, HYDRAULIC (77200) (ALT PN 1P582CAC OR 1P582K (77200))	1	AB
	1P582CAC	PUMP ASSY, HYDRAULIC (77200)		
	1P582K	PUMP ASSY, HYDRAULIC (77200)	1	AB
- 15	MS21919DG10	CLAMP, (ALT PN AN742D10C)	1	AB
- 16	MS28741-4-0270	HOSE ASSY	4	AB
- 17	MS28741-4-0062	HOSE ASSY	2	AB
- 18	AN833-4	ELBOW	2	AB
- 18A	AN924-4	NUT	2	AB
- 19	MS20822-4	ELBOW, (ALT PN AN822-4)	4	AB
- 20	MS35207-263	SCREW, (ALT PN AN520-10R8)	2	AB
- 21	MS21919DG22	CLAMP, (ALT PN AN737-22)	1	AB
- 22	AN840-4	ADAPTER	2	AB
- 23	3706-4-12	HOSE ASSY, FER MIL-H-8794 (79470)	1	AB
- 24	3355035-552	PIPE, PUMP TO OVERBOARD LH	1	AB
	3355035-554	PIPE, PUMP TO OVERBOARD RH	1	AB
- 25	MS21044N3	NUT, (ALT PN AN365-1032)	1	AB
- 26	AN960-10	WASHER	3	A
- 27	MS35207-265	SCREW, (ALT PN AN520-10-12)	3	A
- 28	MS21919DG12	CLAMP, LH (ALT PN 755-4-2-6 (00502))	2	A
- 29	5204912-21	PIPE ASSY, HIGH BLOWER CONTROL FIREWALL TO BRACKET UNION LH	4	A
- 30	5204912-22	PIPE ASSY, LOW BLOWER CONTROL FIREWALL TO BRACKET UNION LH	1	A
- 31	2209887	BRACKET ASSY, TWO SPEED BLOWER CONTROL PIPE LH	1	A
- 32	11-1039-1-3D	NUT, LOCK (45681)	1	A
- 33	3115-1HT4D	UNION, BULKHEAD (45681)	2	A
- 34	2209887-4	BRACKET ASSY, TWO SPEED BLOWER CONTROL (WELDED)	2	A
- 35	AN3-5A	BOLT	1	A
- 36	MS21919DG18	CLAMP, (ALT PN 755-18-2-8 (00502))	1	A
- 37	MS21919DG9	CLAMP, (ALT PN 755-9-2-6 (00502))	1	A
- 38	MS28741-4-0300	HOSE ASSY, (79470) (ALT PN AAF43D2474-4-300)	2	A
- 39	1788-8Z	NUT, (78553)	2	A
- 40	MS24621-30	SCREW, (ALT PN AN530-8-8)	1	B
- 41	MS21919DG4	CLAMP, (ALT PN 755-4-2-6 (00502))	1	B
- 42	1788-8Z	NUT, (78553) (LH ONLY)	2	B
- 43	MS24621-30	SCREW, (ALT PN AN530-8-8) (LH ONLY)	1	B
- 44	MS21919DG4	CLAMP, (ALT PN 755-4-2-6 (00502)) (LH ONLY)	1	B
- 45	MS21044N3	NUT, (ALT PN AN365-1032)	2	B
- 46	MS35207-264	SCREW, (ALT PN AN520-10R10)	1	B
- 47	MS21919DG4	CLAMP, (ALT PN 755-4-2-8 (00502))	1	B
- 48	5204912-15	PIPE ASSY, HIGH BLOWER CONTROL FIREWALL TO UNION	2	B
	5204912-19	PIPE ASSY, HIGH BLOWER CONTROL FIREWALL TO UNION	1	B
- 49	5204912-13	PIPE ASSY, LOW BLOWER CONTROL FIREWALL TO UNION	1	B
	5204912-17	PIPE ASSY, LOW BLOWER CONTROL FIREWALL TO UNION	1	B
- 50	AAF811HT4D	UNION	1	B
- 51	5204912-16	PIPE ASSY, HIGH BLOWER CONTROL UNION TO CYLINDER	2	B
	5204912-20	PIPE ASSY, HIGH BLOWER CONTROL UNION TO CYLINDER	1	B
- 52	5204912-14	PIPE ASSY, LOW BLOWER CONTROL UNION TO CYLINDER	1	B
	5204912-18	PIPE ASSY, LOW BLOWER CONTROL UNION TO CYLINDER	1	B
- 53	4202938	BRACKET ASSY, TWO SPEED SUPERCHARGER FIREWALL	1	B
- 54	MS21044N06	NUT, (ALT PN AN365-632)	1	B
- 55	MS35206-227	SCREW, (ALT PN AN515-6-5)	4	B
- 56	102PD2	MOUNT ASSY, (76005)	4	B
- 57	4202938-2	BRACKET, TWO SPEED SUPERCHARGER FIREWALL	1	B
- 58	3175-3-4D	UNION, (45681)	1	B
- 59		GASKET, (PART NUMBER AAF40B887-014C022-16)	1	AB
- 60	AAF40B374-4D	BOLT	3	AB
- 61	40D370-4D	COUPLING	1	AB
- 62	AN310-3	NUT	1	AB
- 63	S1026614G3-011	SPACER, OIL BEARING	2	AB
- 64	AN3-6	BOLT	2	AB
- 65	2202761	BRACKET, HYDRAULIC ACTUATING CYLINDER	1	AB
- 66	2202897	COVER ASSY, SUPERCHARGER CONTROL PISTON ROD	1	AB
- 67	NAS43HT3-38	SPACER, (ALT PN S117425-3S019)	1	AB
- 68	AN42-15	BOLT	1	AB
- 69	B10666-6	CYLINDER ASSY, (00502) (ALT PN GC75-7 (24930))	1	AB
	GC75-7	CYLINDER ASSY, (24930)	1	AB
		A 172 THRU 177 AND 210 THRU 554		
		B 183 THRU 209		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

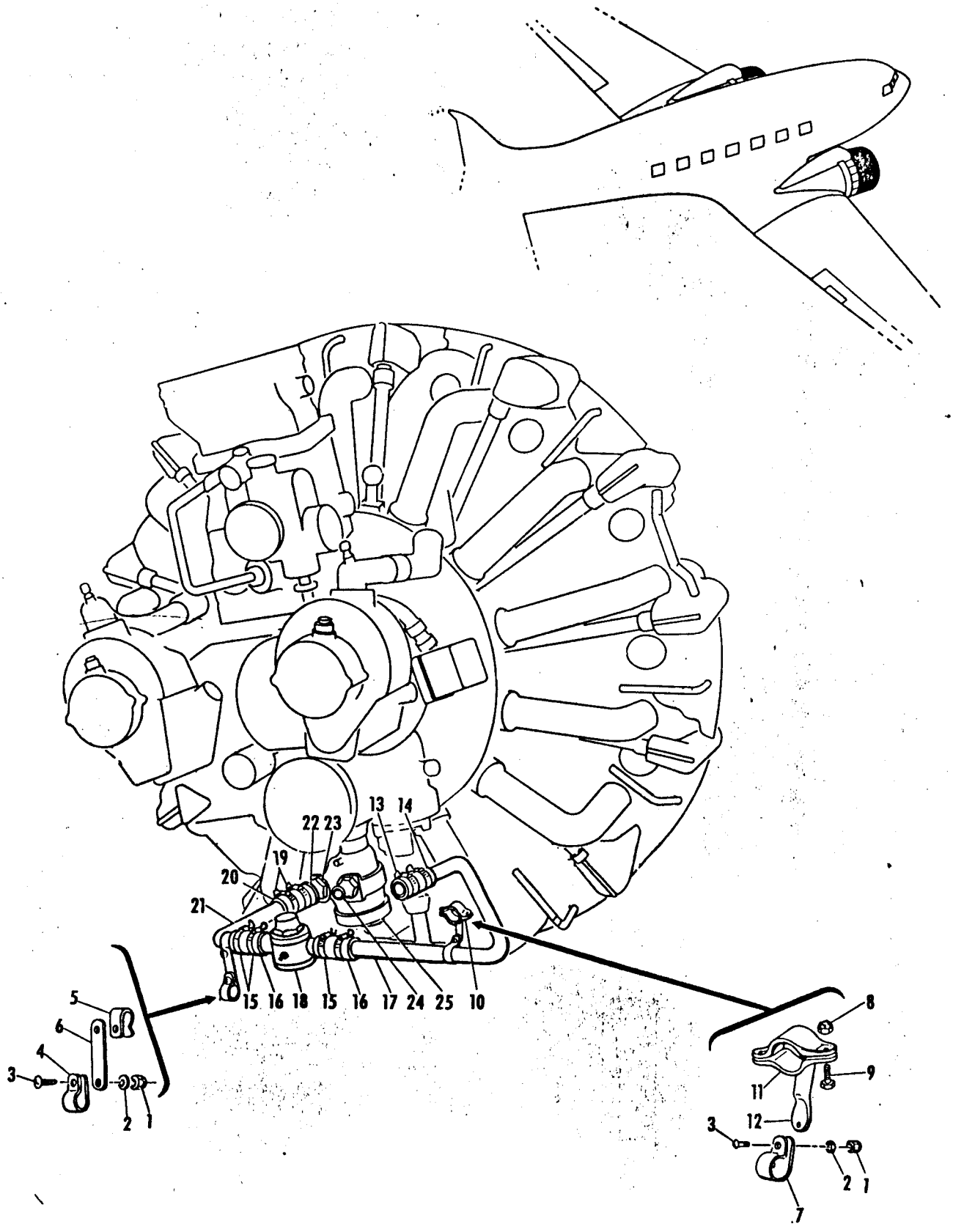


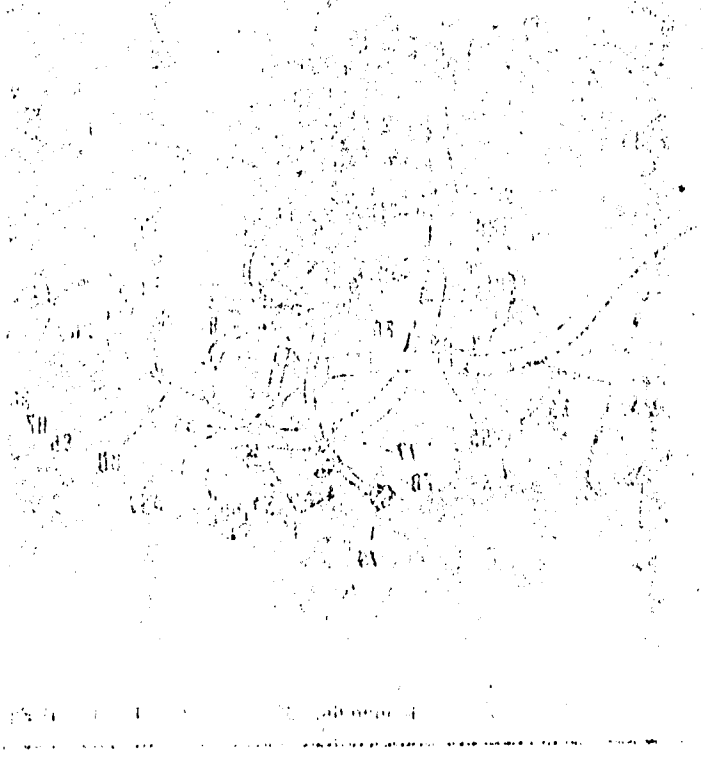
Figure 63. Engine Section Instruments

V4-103

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
63	5110579	INSTRUMENT INSTL, ENGINE SECTION LH (SEE T.O. 1C-1-510) (SEE FIG. 39 FOR NHA)	REF	A
	5204927	INSTRUMENT INSTL, ENGINE SECTION LH (SEE T.O. 1C-1-510) (SEE FIG. 39 FOR NHA)	REF	B
	5110579-1	INSTRUMENT INSTL, ENGINE SECTION RH (SEE T.O. 1C-1-510) (SEE FIG. 39 FOR NHA)	REF	A
	5204927-1	INSTRUMENT INSTL, ENGINE SECTION RH (SEE T.O. 1C-1-510) (SEE FIG. 39 FOR NHA)	REF	B
- 1	MS21044N3	NUT, (ALT PN AN365-1032)	4	
- 2	AN960-10	WASHER	4	
- 3	MS35207-263	SCREW, (ALT PN AN520-10R8)	3	
- 4	MS21919DG12	CLAMP, (ALT PN AN742D14C)	1	
- 5	MS21919DG16	CLAMP, (ALT PN AN742D18C)	1	
- 6	2206802	STRAP, VACUUM LINE SUPPORT	1	
- 7	MS21919DG16	CLAMP, (ALT PN AN742D18C)	1	
- 8	AN310-4	NUT	2	
- 9	AN4-7	BOLT, (LH ONLY)	2	
	MS35207-264	SCREW, (RH ONLY) (ALT PN AN520-10R10)	1	
- 10	2202218	SUPPORT ASSY, VACUUM LINE LH	1	
- 11	AN741T11	CLAMP	1	
- 12	2202218-4	SUPPORT ASSY, VACUUM LINE (WELDED)	1	
	2206795	ANGLE, VACUUM LINE SUPPORT RH	1	
- 13	AN737TW44-46	CLAMP, (ALT PN AN737-44)	2	
- 14	MS28741-16-0120	HOSE, (79470)	1	
- 15	AN737TW44-46	CLAMP, (ALT PN AN737-44)	4	
- 16	3706-16-12	HOSE, PER MIL-H-8794 (79470)	2	
- 17	3355035-564	PIPE, FIREWALL HOSE TO RELIEF VALVE LH	1	
	3355035-566	PIPE, FIREWALL HOSE TO RELIEF VALVE RH	1	
- 18	9452	VALVE ASSY, VACUUM RELIEF (TYPE 613-1) (19315)	1	A
	NO NUMBER	VALVE ASSY, VACUUM RELIEF (TYPE 613-4) (19315)	1	B
- 19	AN737TW44-46	CLAMP, (ALT PN AN737-44)	2	
- 20	3706-16-12	HOSE, PER MIL-H-8794 (79470)	1	
- 21	3355035-568	PIPE, RELIEF VALVE TO VACUUM PUMP	1	
- 22	1119510	COUPLING, VACUUM PUMP SUCTION HOSE	1	A
- 23	AN840-16D	ADAPTER	1	B
- 24	AN840-12D	COUPLING, VACUUM PUMP HOSE	1	A
- 25	3P207JA	PUMP ASSY, VACUUM (TYPE B-12) (77200)	1	A
	3P211JB	PUMP ASSY, VACUUM (77200) (ALT PN 3P211J OR 3P211JC (77200))	1	
	3P211J	PUMP ASSY, VACUUM (77200)	1	
	3P211JC	PUMP ASSY, VACUUM (77200)	1	
	AN840-16D	ADAPTER, (USED ON 3P211J AND 3P211JC)	2	
	NO NUMBER	PUMP ASSY, VACUUM (TYPE B-8) (SPEC 95-28368) (GFAE)	1	B
	2355041	STRAP, FLEXIBLE CONDUIT STANDOFF	1	
	S126480-12L	CLIP, LOOP TYPE TUBE	1	

A 001 THRU 171, 178 THRU 182 AND 555 THRU 558
B 172 THRU 177 AND 183 THRU 554

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING



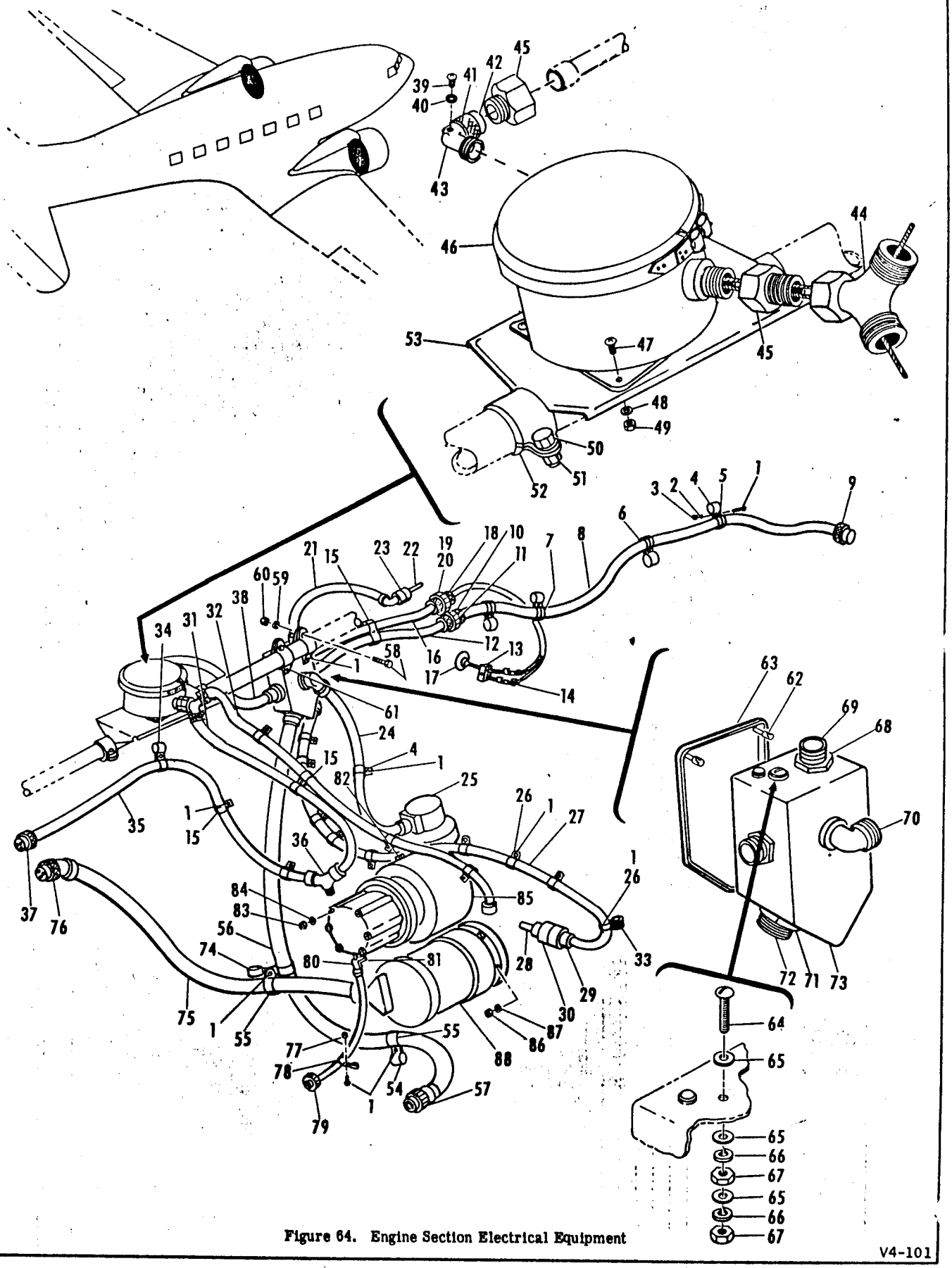


Figure 64. Engine Section Electrical Equipment

V4-101

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
64	5141416	EQUIPMENT INSTL, ENGINE SECTION ELECTRICAL LH (SEE FIG. 39 FOR NHA)	REF	AD
	5141416-1	EQUIPMENT INSTL, ENGINE SECTION ELECTRICAL RH (SEE FIG. 39 FOR NHA)	REF	AD
- 1	MS35206-245	SCREW, (ALT PN AN515-8-8)	25	AD
- 2	AN960-8	WASHER	22	AD
- 3	MS21044D08	NUT, (ALT PN AN365D832)	24	AD
- 4	S126480-8L	CLIP, LOOP TYPE TUBE	6	AD
- 5	MS21919DG10	CLAMP, (ALT PN 755-10-2-8 (00502))	2	AD
- 6	755-16-4-8	CLIP, (00502)	1	AD
- 7	MS21919DG16	CLAMP, (ALT PN 755-16-2-8 (00502))	2	AD
- 8	5116427-19	CONDUIT ASSY, PROPELLER FEATHERING SWITCH TO DIAPHRAGM LH	1	AD
	5116427-3	CONDUIT ASSY, PROPELLER FEATHERING SWITCH TO DIAPHRAGM RH	1	AD
- 9	SF08E12S4S	PLUG, (77820) (ALT PN 2320-12S4S (71468))	1	AD
- 10	9-0251	CONNECTOR, (08484)	1	AD
- 11	NAF213028-3	NUT, (ALT PN 6-0312 (08484))	1	AD
- 12	5116427-2	CONDUIT ASSY, DIAPHRAGM TO PULL BOX	1	AD
- 13	1189665	BLOCK ASSY, THERMOCOUPLE SUPPORT (KEEP IN SETS)	1	AD
- 14	1189661	CLAMP, THERMOCOUPLE LEAD	1	AD
- 15	S126480-10L	CLIP, LOOP TYPE TUBE (LH ONLY)	1	AD
- 16	5116427-23	CONDUIT ASSY, DIAPHRAGM TO PULL BOX LH	2	AD
	5116427-4	CONDUIT ASSY, DIAPHRAGM TO PULL BOX RH	1	AD
- 17	1D10W	THERMOCOUPLE ASSY, (65092) (ALT PN D102143 (65092))	1	AD
- 18	S171660-3	CONNECTOR, CONDUIT BOX	1	AD
- 19	AN960D1216	WASHER, (RH ONLY)	1	AD
- 20	NAF213028-3	NUT, (ALT PN 6-0312 (08484))	2	AD
- 21	5116427-29	CONDUIT ASSY, PULL BOX TO CARBURETOR MIXTURE TEMPERATURE BULB LH	1	AD
	5116427-30	CONDUIT ASSY, PULL BOX TO CARBURETOR MIXTURE TEMPERATURE BULB RH	1	AD
- 22	AN5525-1	BULB ASSY, (GFAE)	1	AD
- 23	MS3108E12S3S	PLUG, (77820) (ALT PN 2091-2 (71468))	1	AD
- 24	5116427-7	CONDUIT ASSY, PULL BOX TO TACHOMETER LH	1	AD
	5116427-24	CONDUIT ASSY, PULL BOX TO TACHOMETER RH	1	AD
- 25	NO NUMBER	TACHOMETER ASSY, (MODEL 724)(TYPE C) (65092)	1	AD
- 26	S126480-8L	CLIP, LOOP TYPE TUBE	9	AB
	S126480-10L	CLIP, LOOP TYPE TUBE	9	CD
- 27	5116427-38	CONDUIT ASSY, PULL BOX TO ENGINE OIL TEMPERATURE BULB LH	1	AB
	5116427-18	CONDUIT ASSY, PULL BOX TO ENGINE OIL TEMPERATURE BULB LH	1	CD
	5116427-37	CONDUIT ASSY, PULL BOX TO ENGINE OIL TEMPERATURE BULB RH	1	AB
	5116427-6	CONDUIT ASSY, PULL BOX TO ENGINE OIL TEMPERATURE BULB RH	1	CD
- 28	AN5525-2	BULB ASSY	1	AB
	D94177	BULB ASSY, (65092)	1	CD
- 29	MS3106-12S3S	CONNECTOR, (ALT PN AN3106-12S3S)	1	AB
	SM3106E12S3S	PLUG, (77820) (ALT PN D92844 (65092))	1	CD
- 30	D94708	ADAPTER, (65092)	1	CD
- 31	5116427-31	CONDUIT ASSY, VIBRATOR COIL TO OUTBOARD MAGNETO LH	1	AD
	5116427-40	CONDUIT ASSY, VIBRATOR COIL TO OUTBOARD MAGNETO RH	1	AD
- 32	5116427-41	CONDUIT ASSY, VIBRATOR COIL TO INBOARD MAGNETO LH	1	AD
	5116427-35	CONDUIT ASSY, VIBRATOR COIL TO INBOARD MAGNETO RH	1	AD
- 33	MS21919DG20	CLAMP, (ALT PN 755-20-2-8 (00502)) (LH ONLY)	1	AD
- 34	S126480-18	CLIP, LOOP TYPE TUBE (LH ONLY)	1	AD
	S126480-18H	CLIP, LOOP TYPE TUBE (RH ONLY)	1	AD
- 35	5116427-26	CONDUIT ASSY, FIREWALL PLUG TO OUTBOARD MAGNETO COUPLING LH	1	AD
	5116427-36	CONDUIT ASSY, INBOARD MAGNETO TO FIREWALL IGNITION JUNCTION BOX RH	1	AD
- 36	10-32557	JUNCTION BOX, (77820)	1	AD
- 37	SK-L3-21-3/8B	PLUG, (71468)	1	AD
- 38	5116427-33	CONDUIT ASSY, PULL BOX TO VIBRATOR COIL LH	1	AD
	5116427-8	CONDUIT ASSY, PULL BOX TO VIBRATOR COIL RH	1	AD
	1118628	ELBOW ASSY, 3/8 FLEXIBLE CONDUIT 90 DEGREE	1	AD
- 39	MS35206-212	SCREW, (ALT PN AN515-4-3)	1	AD
- 40	MS35333-2	WASHER, (ALT PN AN936A4)		AD
- 41	NAF213017-3	NUT, (ALT PN 4-0376 (08484))	1	AD
- 42	3417-1	INSERT, (08484)	1	AD
- 43	3416-1	ELBOW, 90 DEGREE (08484)	1	AD
- 44	10-32557	JUNCTION BOX, (77820) (SEE T.O. 1C-1-617)	1	AD
- 45	1142348	ADAPTER, COMMERCIAL CONDUIT 1/4 TO 3/8 (SEE T.O. 1C-1-617)	2	AD
- 46	AN4181-1	VIBRATOR ASSY, (GFAE) (SEE T.O. 1C-617) (ATTACHING PARTS)	1	AD
- 47	MS35207-282	SCREW, (ALT PN AN520-416-14)	3	AD
- 48	S124682-4D20-064	WASHER	3	AD
- 49	MS21044N4	NUT, (ALT PN AN365-428)	3	AD
	4142349	BRACKET ASSY, INDUCTION VIBRATOR (ATTACHING PARTS)	1	AD
- 50	AN3-11	BOLT	4	AD
- 51	AN310-3	NUT	4	AD
- 52	AN741T9	CLAMP	2	AD
- 53	4142349-4	BRACKET ASSY, INDUCTIVE VIBRATOR (WELDED)	1	AD
- 54	S126480-12L	CLIP, LOOP TYPE TUBE	2	AD
- 55	S126480-16L	CLIP, LOOP TYPE TUBE	4	AD
- 56	5116427-15	CONDUIT ASSY, FIREWALL TO PULLBOX	1	AD
- 57	GK-C8-21-3/4B	PLUG, (71468)	1	AD
- 58	AN3-11	BOLT	2	AD
- 59	S124682-2D10-6	WASHER	2	AD

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
64 - 60	AN310-3	NUT	2	AD
- 61	2117624	CLAMP ASSY, ENGINE SECTION JUNCTION BOX SUPPORT	2	AD
	4141436	BOX ASSY, ENGINE SECTION PULL LH	1	AD
	4141436-1	BOX ASSY, ENGINE SECTION PULL RH	1	AD
	2139061	COVER ASSY, NUMBER 2 SPECIAL DZUS FASTENER JUNCTION BOX	1	AD
- 62	AJ4-50	FASTENER, (72794)	3	AD
- 63	2139061-2	COVER, NUMBER 2 SPECIAL DZUS FASTENER JUNCTION BOX	1	AD
- 64	MS35214-44	SCREW, (ALT PN AN515B8-12)	1	AD
- 65	AN960B8	WASHER	3	AD
- 66	MS35338-42	WASHER, (ALT PN AN935-8)	2	AD
- 67	AN340B8	NUT	2	AD
- 68	NAF213028-3	NUT, (ALT PN 6-0312 (08484))	6	AD
- 69	28-0376	CONNECTOR, (08484)	4	AD
- 70	S171658-3	COUPLING, 90 DEGREE CONDUIT	2	AD
- 71	AN3066-12	NUT, (ALT PN 6-0750 (08484))	1	AD
- 72	AN3064-12	CONNECTOR, (ALT PN 28-0750 (08484))	1	AD
- 73	4141436-2	BOX, ENGINE SECTION PULL LH (MAKE FROM S4107665-216N)	1	AD
	4141436-3	BOX, ENGINE SECTION PULL RH (MAKE FROM S4107665-216N)	1	AD
- 74	S126480-22	CLIP, LOOP TYPE TUBE	1	AD
- 75	5116427-13	CONDUIT ASSY, FIREWALL PLUG TO GENERATOR LH	1	AD
	5116427-42	CONDUIT ASSY, FIREWALL PLUG TO GENERATOR RH	1	AD
- 76	AF-D3-22-3/4B	PLUG, (71468)	1	AD
- 77	MS21044N08	NUT, (ALT PN AN365-832)	2	AD
- 78	S126480-10H	CLIP, LOOP TYPE TUBE	1	AD
- 79	FWF-M3-23-1B	PLUG, ENGINE SECTION CONDUIT (MAKE FROM FK-M3-231B (71468))(1189681)	1	AD
- 80	MS3057-16B	ADAPTER ASSY, (ALT PN AN3057-16)	1	AD
- 81	1202007	WASHER, STARTER CABLE ADAPTER	1	AD
- 82	MS20074-04-03	BOLT, (ALT PN AN74A3)	6	AD
- 83	52-1610-042	NUT, (72962)	6	AD
- 84	AN960-616	WASHER	1	A
- 85	280R3	STARTER ASSY, (TYPE G-6) (SPEC 95-32304) (31435) (GFAE)	1	BD
	JH3R	STARTER ASSY, (31435) (GFAE)	6	AD
- 86	R7S624	NUT	6	AD
- 87	AN960-616	WASHER	1	AD
- 88	314-15	GENERATOR ASSY, DC, 28.5V, 2.8KW RATING (19315)	1	D
	B1409-10	CONDUIT ASSY, HOT FUEL PRIMER (SEE T.O. 1C-47-509)	1	D
	B1409-20	CONDUIT ASSY, HOT FUEL PRIMER (SEE T.O. 1C-47-509)	1	D

A 001
B 002 THRU 025 AND 146 THRU 148
C 026 THRU 051, 053 THRU 056 AND 555 THRU 558
D 052

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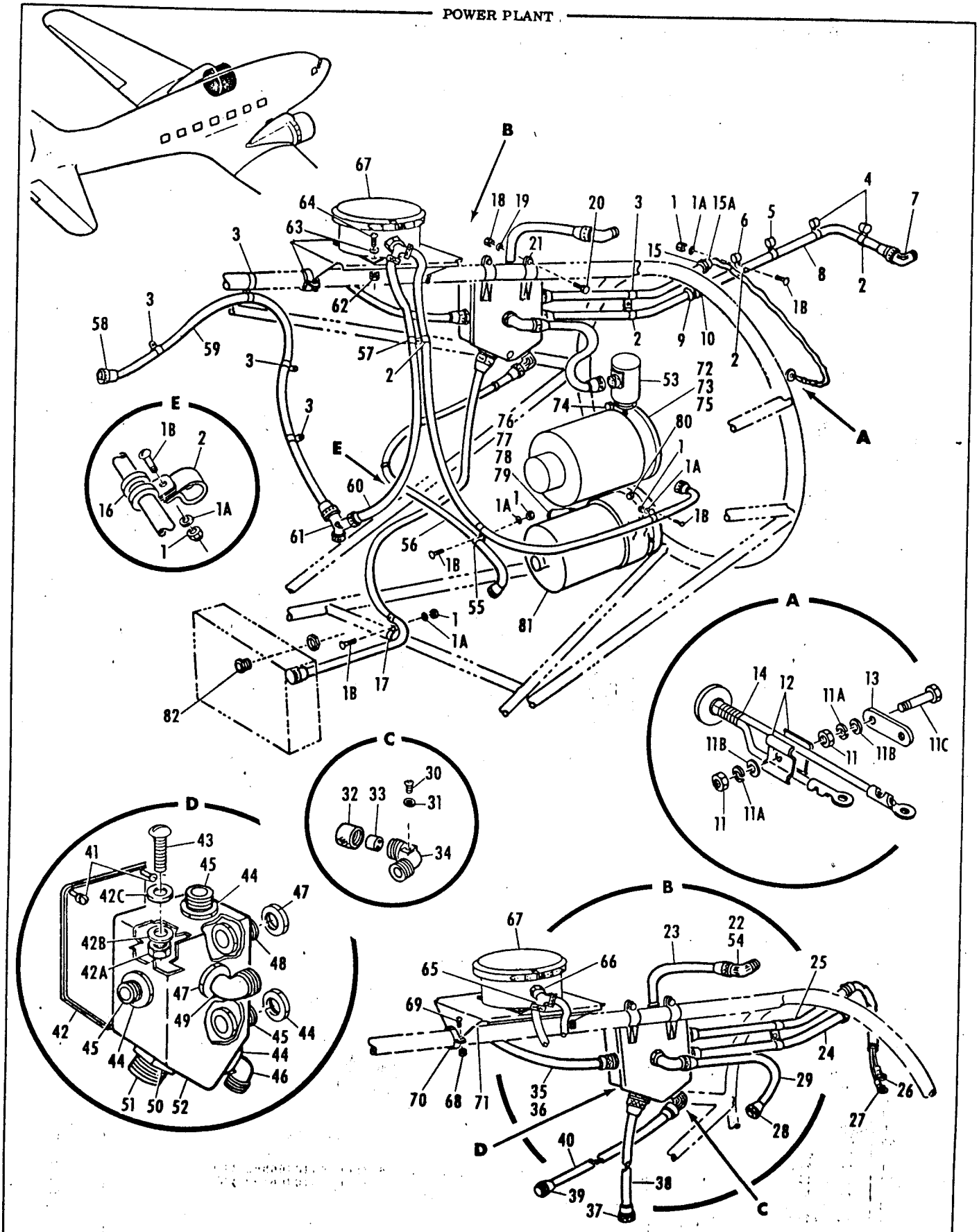

Figure 65. Engine Section Electrical Equipment

V4-115

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
65	5202324	EQUIPMENT INSTL, ENGINE SECTION ELECTRICAL LH (SEE FIG. 39 FOR NHA)	REF	AD
	5202324-1	EQUIPMENT INSTL, ENGINE SECTION ELECTRICAL RH (SEE FIG. 39 FOR NHA)	REF	AD
- 1	MS21044D08	NUT, (ALT PN AN365D832)	20	AD
- 1A	AN960-8	WASHER	20	AD
- 1B	MS35206-245	SCREW, (ALT PN AN515-8-8)	20	AD
- 2	AN742D8	CLAMP, (ALT PN S126480-8L)	15	AD
- 3	AN742D10	CLAMP, (ALT PN S126480-10L)	10	AD
- 4	MS21919DG10	CLAMP, (ALT PN 755-10-2-8 (00502))	2	AD
- 5	755-16-4-8	CLAMP, (00502)	1	AD
- 6	MS21919DG16	CLAMP, (ALT PN 755-16-2-8 (00502)) (LH ONLY)	1	AD
	2143253	CONDUIT ASSY, LH ENGINE SECTION PROPELLER FEATHERING LEAD	1	AD
	2143159	CONDUIT ASSY, RH ENGINE SECTION PROPELLER FEATHERING LEAD	1	AD
- 7	SF08E12S4S	PLUG, (71468) (ALT PN 2320-12S4S (71468))	1	AD
- 8	5143436-7	CONDUIT ASSY, COUPLING TO LH PROPELLER FEATHERING SWITCH BOX	1	AD
	5143436-2	CONDUIT ASSY, COUPLING TO RH PROPELLER FEATHERING SWITCH BOX	1	AD
- 9	AN3058-4	COUPLING	1	AD
- 10	AN3066-4	NUT	1	AD
	2206916	THERMOCOUPLE ASSY, ENGINE	1	AD
- 11	MS20341-8B	NUT, (ALT PN AN340-8)	2	AD
- 11A	MS35337-42	WASHER, (ALT PN AN935-8L)	2	AD
- 11B	AN960-8	WASHER	2	AD
- 11C	AN509-8R12	SCREW, (ALT PN S1029421-8-12)	1	AD
- 12	1204125	CLAMP, THERMOCOUPLE	2	AD
- 13	1204435	CLIP, THERMOCOUPLE WIRE LEAD	1	AD
- 14	8T30B	THERMOCOUPLE ASSY, (35918)	1	AD
- 15	AN3066-6	NUT	1	AD
	AN960D1216	WASHER, (RH ONLY)	2	AD
- 15A	AN3064-6	CONNECTOR	1	AD
- 16	AN742D12	CLAMP, (ALT PN S126480-12L)	2	AD
- 17	AN742D16	CLAMP, (ALT PN S126480-16L)	4	AD
- 18	AN310-3	NUT	2	AD
- 19	S124682-2D10-6	WASHER	2	AD
- 20	AN3-11	BOLT	2	AD
- 21	2117624	CLAMP ASSY, ENGINE SECTION JUNCTION BOX SUPPORT	2	AD
	5143250	BOX ASSY, ENGINE SECTION PULL LH	1	AD
	4142931	BOX ASSY, ENGINE SECTION PULL RH	1	AD
- 22	MS3108E12S3S	PLUG ASSY, (ALT PN AN3108-12S3S)	1	AD
- 23	5143436-11	CONDUIT ASSY, LH PULL BOX TO CARBURETOR MIXTURE TEMPERATURE BULB	1	AD
	5143436-12	CONDUIT ASSY, RH PULL BOX TO CARBURETOR MIXTURE TEMPERATURE BULB	1	AD
- 24	5143436-1	CONDUIT ASSY, PULL BOX TO COUPLING	1	AD
- 25	5143436-8	CONDUIT ASSY, LH PULL BOX TO INNER RING CONNECTOR	1	AD
	5143436-3	CONDUIT ASSY, RH PULL BOX TO INNER RING CONNECTOR	1	AD
- 26	AN5539-1	TERMINAL ASSY	1	AD
- 27	AN5539-2	TERMINAL ASSY	1	AD
- 28	MS3106-14S1S	PLUG ASSY, (ALT PN AN3106-14S1S)	1	AD
- 29	5143436-4	CONDUIT ASSY, LH PULL BOX TO TACHOMETER	1	AD
	5143436-9	CONDUIT ASSY, RH PULL BOX TO TACHOMETER	1	AD
	1118628	ELBOW ASSY, 3/8 FLEXIBLE CONDUIT SPECIAL 90 DEGREE	1	AD
- 30	MS35206-212	SCREW, (ALT PN AN515-4-3)	1	AD
- 31	MS35333-36	WASHER, (ALT PN AN936A4)	1	AD
- 32	NAF213017-3	NUT, (ALT PN 4-0376 (08484))	1	AD
- 33	3417-1	INSERT, (08484)	1	AD
- 34	3416-1	ELBOW, (08484)	1	AD
- 35	5143436-15	CONDUIT ASSY, LH PULL BOX TO VIBRATOR COIL	1	AD
- 36	5143436-5	CONDUIT ASSY, RH PULL BOX TO VIBRATOR COIL	1	AD
	4143252	CONDUIT ASSY, LH ENGINE SECTION GENERAL DISCONNECT	1	AD
	4143005	CONDUIT ASSY, RH ENGINE SECTION GENERAL DISCONNECT	1	AD
- 37	GK-C8-21-3/4B	PLUG, (71468)	1	AD
- 38	5143436-6	CONDUIT ASSY, PULL BOX TO FIREWALL PLUG	1	AD
- 39	MS3106-12S3S	PLUG, (ALT PN AN3106-12S3S)	1	AD
- 40	5143436-22	CONDUIT ASSY, LH PULL BOX TO OIL TEMPERATURE BULB	1	AD
	5143436-21	CONDUIT ASSY, RH PULL BOX TO OIL TEMPERATURE BULB	1	AD
	4202315	BOX ASSY, ENGINE SECTION PULL LH	1	AD
	4202315-1	BOX ASSY, ENGINE SECTION PULL RH	1	AD
	2139061	COVER ASSY, JUNCTION BOX	1	AD
- 41	AJ4-50	FASTENER, (72794)	3	AD
- 42	2139061-2	COVER, JUNCTION BOX	1	AD
- 42A	AN340B8	NUT	2	AD
- 42B	MS35338-42	WASHER, (ALT PN AN935-8)	2	AD
- 42C	AN960B8	WASHER	3	AD
- 43	MS35214-44	SCREW, (ALT PN AN515B8-12)	1	AD
- 44	AN3066-4	NUT	4	AD
- 45	AN3064-4	CONNECTOR	3	AD
- 46	AN3062	ELBOW	1	AD
- 47	AN3066-6	NUT	2	AD
- 48	AN3064-6	CONNECTOR	1	AD
- 49	AN3062-6	ELBOW	1	AD
- 50	AN3066-12	NUT	1	AD
- 51	AN3064-12	CONNECTOR	1	AD
- 52	4202315-2	BOX, ENGINE SECTION PULL LH (MAKE FROM S4107665-216N)	1	AD
	4202315-3	BOX, ENGINE SECTION PULL RH (MAKE FROM S4107665-216N)	1	AD
- 53	22A892	TACHOMETER GENERATOR (MS87018)	1	AD
- 54	AN5525-2	BULB ASSY, (GFAE)	2	AD

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
65 - 55	MS21919DG20	CLAMP, (ALT PN 755-20-2-8 (00502))	1	AD
- 56	2203689	CONDUIT ASSY, VIBRATOR COIL LH ENGINE INBOARD MAGNETO	1	AD
	2203690	CONDUIT ASSY, VIBRATOR COIL RH ENGINE OUTBOARD MAGNETO	1	AD
- 57	S126480-18	CLIP, LOOP TYPE TUBE (LH ONLY)	1	AD
	S126480-18H	CLIP, LOOP TYPE TUBE (RH ONLY)	1	AD
	2143254	CONDUIT ASSY, LH ENGINE SECTION IGNITION HARNESS	1	AD
	2143124	CONDUIT ASSY, RH ENGINE SECTION IGNITION HARNESS	1	AD
- 58	SK-L3-21-3/8B	PLUG ASSY, (71468)	1	AD
- 59	5143436-10	CONDUIT ASSY, LEFT SIDE OUTBOARD MAGNETO TO FIREWALL	1	AD
	5143436-17	CONDUIT ASSY, RIGHT SIDE INBOARD MAGNETO TO FIREWALL	1	AD
- 60	5143436-20	CONDUIT ASSY, LEFT SIDE VIBRATOR COIL TO OUTBOARD MAGNETO	1	AD
	5143436-14	CONDUIT ASSY, RIGHT SIDE VIBRATOR COIL TO INBOARD MAGNETO	1	AD
■ - 61	10-32557	JUNCTION BOX, (77820)	1	AD
- 62	MS21044N4	NUT, (ALT PN AN365-428)	1	AD
- 63	S124682-4D20-2	WASHER, (LH ONLY)	3	AD
- 64	MS35207-282	SCREW, (ALT PN AN520-416-14)	3	AD
■ - 65	10-32557	JUNCTION BOX, (77820) (SEE T.O. 1C-1-617)	3	AD
- 66	1142348	ADAPTER, 1/4 TO 3/8 COMMERCIAL CONDUIT (SEE T.O. 1C-1-617)	1	AD
- 67	AN4181-1	VIBRATOR ASSY, (GFAE) (SEE T.O. 1C-1-617)	1	AD
- 68	AN310-3	NUT	1	AD
- 69	AN3-11	BOLT	4	AD
	4142349	BRACKET ASSY, INDUCTION VIBRATOR	4	AD
- 70	AN741T9	CLAMP	1	AD
- 71	4142349-4	BRACKET ASSY, INDUCTION VIBRATOR	2	AD
- 72	H16-6	NUT, (156553) (ALT PN 52-1610-064 (72962))	1	AD
- 73	AN960-616	WASHER	6	AD
- 74	MS20074-06-10	BOLT, (ALT PN AN74A3)	6	AD
- 75	280R3	STARTER ASSY, (31435) (GFAE)	1	AD
- 76	4205441	COVER ASSY, GENERATOR TERMINAL	1	AD
- 77	MS3106-28-5S	CONNECTOR, (ALT PN AN3106-28-5S)	1	AB,D
- 78	MS3057-16	ADAPTER, (ALT PN AN3057-16)	1	A
- 79	1205440	BLOCK, GENERATOR CABLE SEPARATOR	1	A
- 80	R7S624	NUT, SELF LOCKING (GFAE)	1	B,D
■ - 81	7A5838GR-1A	GENERATOR ASSY, (TYPE P-1A) (GFAE) (SEE T.O. 1C-1-532)	6	AD
- 82	FWF-DM3-3ZSL	CONNECTOR, (71468) (SEE T.O. 1C-1-532)	1	AD
	B1409-10	CONDUIT ASSY, HOT FUEL PRIMER (SEE T.O. 1C-47-509)	1	AD
	B1409-20	CONDUIT ASSY, HOT FUEL PRIMER (SEE T.O. 1C-47-509)	1	AD

A 149 THRU 151
B 152 THRU 171
C 057 THRU 092 AND 178
D 093 THRU 145 AND 179 THRU 182

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

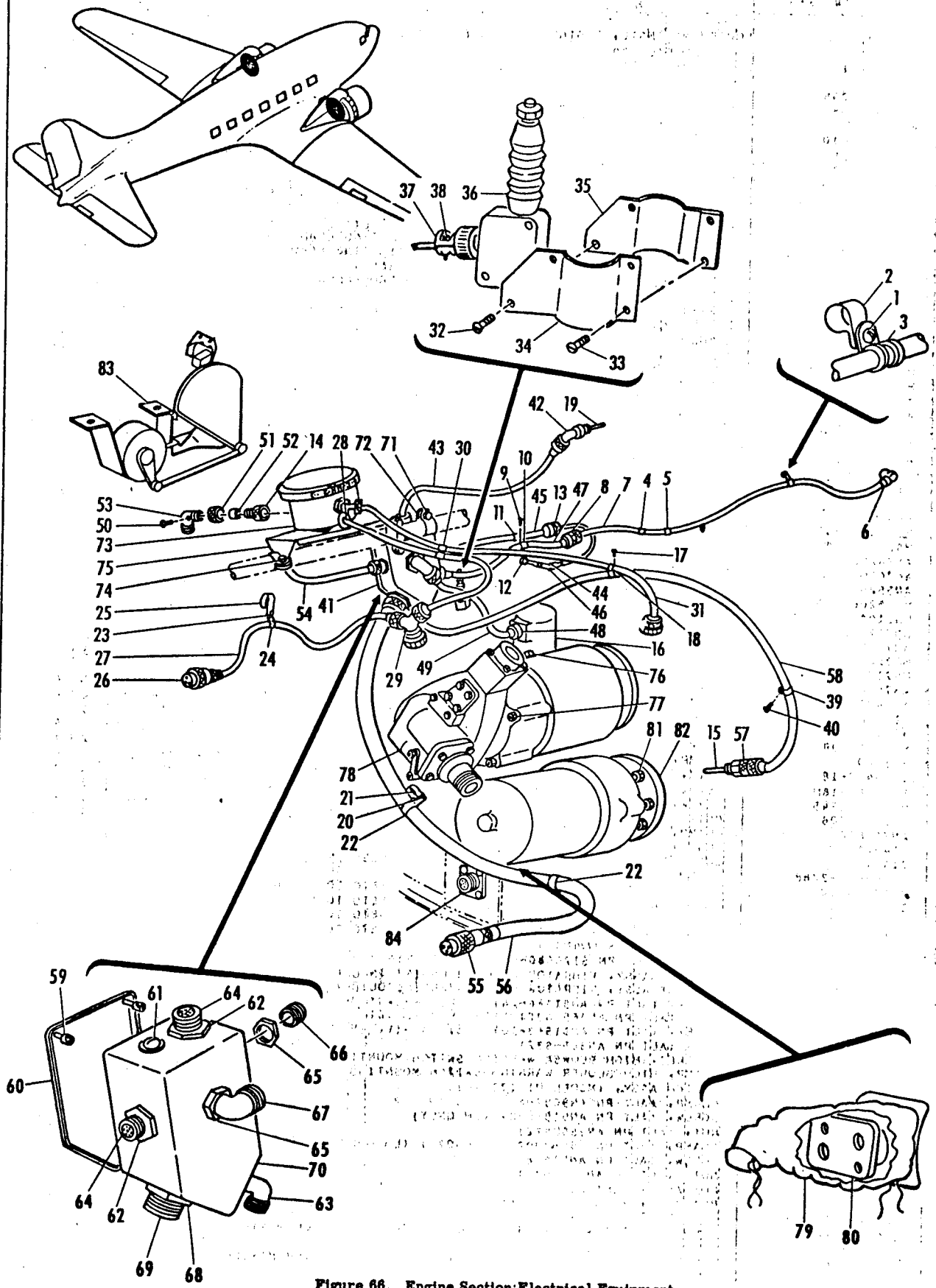

Figure 66. Engine Section Electrical Equipment

V4-183

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
66	5205507	EQUIPMENT INSTL, ENGINE SECTION ELECTRICAL LH (SEE FIG. 39 FOR NHA)	REF	A
	5205507-1	EQUIPMENT INSTL, ENGINE SECTION ELECTRICAL RH (SEE FIG. 39 FOR NHA)	REF	A
- 1	MS35206-245	SCREW, (ALT PN AN515-8-8)		
	MS21044D08	NUT, (ALT PN AN365D832)	4	A
- 2	AN742D8	CLAMP, (ALT PN S126480-8L)	4	A
- 3	MS21919DG10	CLAMP, (ALT PN 755-10-2-8 (00502))	4	A
- 4	755-16-4-8	CLIP, (00502)	2	A
- 5	MS21919DG16	CLAMP, (ALT PN 755-16-2-8 (00502))	1	A
	MS35206-245	SCREW, (ALT PN AN515-8-8) (RH ONLY)	1	A
	MS21044D08	NUT, (ALT PN AN365D832)	1	A
	AN742D8	CLAMP, (ALT PN S126480-8L) (RH ONLY)	1	A
	MS21919DG16	CLAMP, (ALT PN 755-16-2-8 (00502)) (RH ONLY)	1	A
	2143253	CONDUIT ASSY, LEFT SIDE PROPELLER FEATHERING LEAD	1	A
	2143159	CONDUIT ASSY, RIGHT SIDE PROPELLER FEATHERING LEAD	1	A
- 6	SF08E12S4S	PLUG, (77820) (ALT PN 2320-12S4S (71468))	1	A
- 7	5143436-7	CONDUIT ASSY, LEFT SIDE COUPLING TO PROPELLER FEATHERING SWITCH	1	A
	5143436-2	CONDUIT ASSY, RIGHT SIDE COUPLING TO PROPELLER FEATHERING SWITCH	1	A
- 8	AN3058-4	COUPLING		
	AN3066-4	NUT	1	A
- 9	MS35206-245	SCREW, (ALT PN AN515-8-8) (LH ONLY)	1	A
	MS21044D08	NUT, (ALT PN AN365D832)	2	A
- 10	AN742D8	CLAMP, (ALT PN S126480-8L) (LH ONLY)	2	A
- 11	AN742D10	CLAMP, (ALT PN S126480-10L) (LH ONLY)	2	A
- 12	8T30B	THERMOCOUPLE, (35918)	2	A
- 13	AN3064-6	CONNECTOR	1	A
	AN960D1216	WASHER, (RH ONLY)	1	A
	AN3066-6	NUT	2	A
- 14	1142348	ADAPTER, 1/4 TO 3/8 COMMERCIAL CONDUIT	1	A
- 15	AN5525-1	BULB ASSY, (GFAE)	2	A
- 16	22A592	TACHOMETER GENERATOR (MS87015)	1	A
- 17	MS35206-245	SCREW, (ALT PN AN515-8-8) (LH ONLY)	1	A
	MS21044D08	NUT, (ALT PN AN365D832)	8	A
- 18	AN742D8	CLAMP, (ALT PN S126480-8L) (LH ONLY)	8	A
	AN742D8	CLAMP, (ALT PN S126480-8L)	8	A
- 19	AN5525-2	BULB ASSY, (GFAE)	1	A
- 20	MS35206-245	SCREW, (ALT PN AN515-8-8)	1	A
	MS21044D08	NUT, (ALT PN AN365D832)	1	A
- 21	AN742D12	CLAMP, (ALT PN S126480-12L)	1	A
- 22	AN742D16	CLAMP, (ALT PN S126480-16L)	1	A
	MS35206-245	SCREW, (ALT PN AN515-8-8) (RH ONLY)	2	A
	MS21044D08	NUT, (ALT PN AN365D832)	3	A
	AN742D12	CLAMP, (ALT PN S126480-12L) (RH ONLY)	3	A
	AN742D16	CLAMP, (ALT PN S126480-16L) (RH ONLY)	1	A
	S126480-22H	CLIP, LOOP TYPE TUBE (RH ONLY)	2	A
- 23	MS35206-245	SCREW, (ALT PN AN515-8-8)	1	A
	MS21044D08	NUT, (ALT PN AN365D832)	2	A
- 24	AN742D10	CLAMP, (ALT PN S126480-10L)	2	A
- 25	S126480-18	CLIP, LOOP TYPE TUBE (LH ONLY)	3	A
	S126480-18H	CLIP, LOOP TYPE TUBE (RH ONLY)	1	A
	MS35206-245	SCREW, (ALT PN AN515-8-8) (RH ONLY)	1	A
	MS21044D08	NUT, (ALT PN AN365D832)	1	A
	AN742D10	CLAMP, (ALT PN S126480-10L) (RH ONLY)	1	A
	2143254	CONDUIT ASSY, LEFT SIDE IGNITION HARNESS	1	A
	2143124	CONDUIT ASSY, RIGHT SIDE IGNITION HARNESS	1	A
- 26	SK-L3-21-3/8B	PLUG, (71468)	1	A
- 27	5143436-10	CONDUIT ASSY, LEFT SIDE OUTBOARD MAGNETO TO FIREWALL	1	A
	5143436-17	CONDUIT ASSY, RIGHT SIDE INBOARD MAGNETO TO FIREWALL	1	A
- 28	5143436-20	CONDUIT ASSY, LEFT SIDE OUTBOARD MAGNETO TO VIBRATOR COIL	1	A
	5143436-14	CONDUIT ASSY, RIGHT SIDE INBOARD MAGNETO TO VIBRATOR COIL	1	A
- 29	10-32557	JUNCTION BOX, (77820)	1	A
- 30	AN742D10	CLAMP, (ALT PN S126480-10L) (LH ONLY)	1	A
- 31	2203689	CONDUIT ASSY, VIBRATOR COIL LH ENGINE INBOARD MAGNETO	4	A
	2203690	CONDUIT ASSY, VIBRATOR COIL RH ENGINE OUTBOARD MAGNETO	1	A
- 32	MS35206-236	SCREW, (ALT PN AN515-6-24)	1	A
	MS21044N06	NUT, (ALT PN AN365-632)	2	A
- 33	MS35206-246	SCREW, (ALT PN AN515-8-10)	2	A
	MS21044D08	NUT, (ALT PN AN365-832)	2	A
- 34	2206559	BRACKET, HIGH BLOWER WARNING SWITCH MOUNTING	2	A
- 35	2206558	CLAMP, HIGH BLOWER WARNING SWITCH MOUNTING	1	A
- 36	ES4	SWITCH ASSY, (MODEL D) (72290)	1	A
- 37	MS3057-6A	CLAMP, (ALT PN AN3057-6)	1	A
- 38	MS35206-245	SCREW, (ALT PN AN515-8-8) (LH ONLY)	1	A
	MS21044D08	NUT, (ALT PN AN365D832)	1	A
- 39	MS21919DG20	CLAMP, (ALT PN 755-20-2-8 (00502)) (LH ONLY)	1	A
- 40	MS35206-245	SCREW, (ALT PN AN515-8-8)	1	A
	MS21044D08	NUT, (ALT PN AN365D832)	2	A
- 41	5143250	BOX ASSY, LEFT SIDE PULL	2	A
	4142931	BOX ASSY, RIGHT SIDE PULL	1	A
- 42	MS3108-12S3S	CONNECTOR, (ALT PN AN3108-12S3S)	1	A
- 43	5143436-11	CONDUIT ASSY, LEFT SIDE PULL BOX TO CARBURETOR MIXTURE TEMPERATURE BULB	1	A
	5143436-12	CONDUIT ASSY, RIGHT SIDE PULL BOX TO CARBURETOR MIXTURE TEMPERATURE BULB	1	A

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
	CONTINUED			
		TERMINAL	1	A
66 - 44	AN5539-1	CONDUIT ASSY, LEFT SIDE PULL BOX TO INNER RING CONNECTOR	1	A
- 45	5143436-8	CONDUIT ASSY, RIGHT SIDE PULL BOX TO INNER RING CONNECTOR	1	A
	5143436-3	TERMINAL	1	A
- 46	AN5539-2	CONDUIT ASSY, PULL BOX TO COUPLING	1	A
- 47	5143436-1	CONNECTOR, (ALT PN AN3106-14S1S)	1	A
- 48	MS3106-14S1S	CONDUIT ASSY, LEFT SIDE PULL BOX TO TACHOMETER	1	A
- 49	5143436-4	CONDUIT ASSY, RIGHT SIDE PULL BOX TO TACHOMETER	1	A
	5143436-9	ELBOW ASSY, SPECIAL 90 DEGREE 3/8 FLEXIBLE CONDUIT	1	A
	1118628	SCREW, (ALT PN AN515-4-3)	1	A
- 50	MS35206-212	WASHER, (ALT PN AN936A4)	1	A
	MS35333-36	NUT, (ALT PN 4-0376 (08484))	1	A
- 51	NAF213017-3	INSERT, (08484)	1	A
- 52	3417-1	ELBOW, (08484)	1	A
- 53	3416-1	CONDUIT ASSY, LEFT SIDE PULL BOX TO VIBRATOR COIL	1	A
- 54	5143436-15	CONDUIT ASSY, RIGHT SIDE PULL BOX TO VIBRATOR COIL	1	A
	5143436-5	CONDUIT ASSY, LEFT SIDE GENERAL DISCONNECT	1	A
	4143252	CONDUIT ASSY, RIGHT SIDE GENERAL DISCONNECT	1	A
	4143005	PLUG, (71468)	1	A
- 55	GK-C8-21-3/4B	CONDUIT ASSY, BOX TO FIREWALL	1	A
- 56	5143436-6	CONNECTOR, (ALT PN AN3106-12S3S)	1	A
- 57	MS3106-12S3S	CONDUIT ASSY, LEFT SIDE PULL BOX TO OIL TEMPERATURE BULB	1	A
- 58	5143436-22	CONDUIT ASSY, RIGHT SIDE PULL BOX TO TEMPERATURE BULB	1	A
	5143436-21	BOX ASSY, ENGINE SECTION PULL LH	1	A
	4202315	BOX ASSY, ENGINE SECTION PULL RH	1	A
	4202315-1	COVER ASSY, JUNCTION BOX	3	A
	2139061	FASTENER, (72794)	1	A
- 59	AJ4-50	COVER, JUNCTION BOX	1	A
- 60	2139061-2	SCREW, (ALT PN AN515B8-12)	3	A
- 61	MS35214-44	WASHER	2	A
	AN960B8	WASHER, (ALT PN AN935-8)	2	A
	MS35337-99	NUT	4	A
	AN340B8	NUT	1	A
- 62	AN3066-4	ELBOW	3	A
- 63	AN3062-4	CONNECTOR	2	A
- 64	AN3064-4	NUT	1	A
- 65	AN3066-6	CONNECTOR	1	A
- 66	AN3064-6	ELBOW	1	A
- 67	AN3062-6	NUT	1	A
- 68	AN3066-12	CONNECTOR	1	A
- 69	AN3064-12	BOX, PULL LH (MAKE FROM S4107665-216")	1	A
- 70	4202315-2	BOX, PULL RH (MAKE FROM S4107665-216N)	2	A
	4202315-3	BOLT	2	A
- 71	AN4-10	WASHER	2	A
	S124682-2D10-6	NUT	2	A
	AN310-4	CLAMP ASSY, JUNCTION BOX SUPPORT	1	A
- 72	2117624	VIBRATOR ASSY, (GFAE)		
- 73	AN4181-1	(ATTACHING PARTS)		
		SCREW, (ALT PN AN520-416-14)	3	A
	MS35207-282	WASHER, (LH ONLY)	3	A
	S124682-4D20-064	NUT, (ALT PN AN365-428)	3	A
	MS21044N4			
		BRACKET ASSY, INDUCTION VIBRATOR	1	A
	4142349	(ATTACHING PARTS)		
		BOLT	4	A
	AN4-10	NUT	4	A
	AN310-4			
		CLAMP	2	A
- 74	AN741T9	BRACKET ASSY, INDUCTION VIBRATOR (WELDED)	1	A
- 75	4142349-4	BOLT, (ALT PN AN74A3)	1	A
- 76	MS20074-06-10	NUT, (15653) (ALT PN 52-1610-064 (72962))	6	A
- 77	H16-6	STARTER ASSY, (31435) (GFAE)	*1	A
- 78	280R3	COVER ASSY, GENERATOR TERMINAL	1	A
- 79	4205441	BLOCK, GENERATOR CABLE SEPARATOR	1	A
- 80	1205440	NUT, SELF LOCKING	6	A
- 81	MS21045-8	GENERATOR ASSY, (TYPE P-1A) (GFAE) (SEE T.O. 1C-1-532)	1	A
- 82	7A5838GR-1A	SWITCH INSTL, CARBURETOR AIR INDUCTION LIMIT	1	B
- 83	5207493	(SEE FIG. 67 FOR DETAILS)	1	A
- 84	FWF-DM3-32SL1	CONNECTOR, (71468) (SEE T.O. 1C-1-532)		

A 172 THRU 177 AND 183 THRU 554
B 183 THRU 209

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

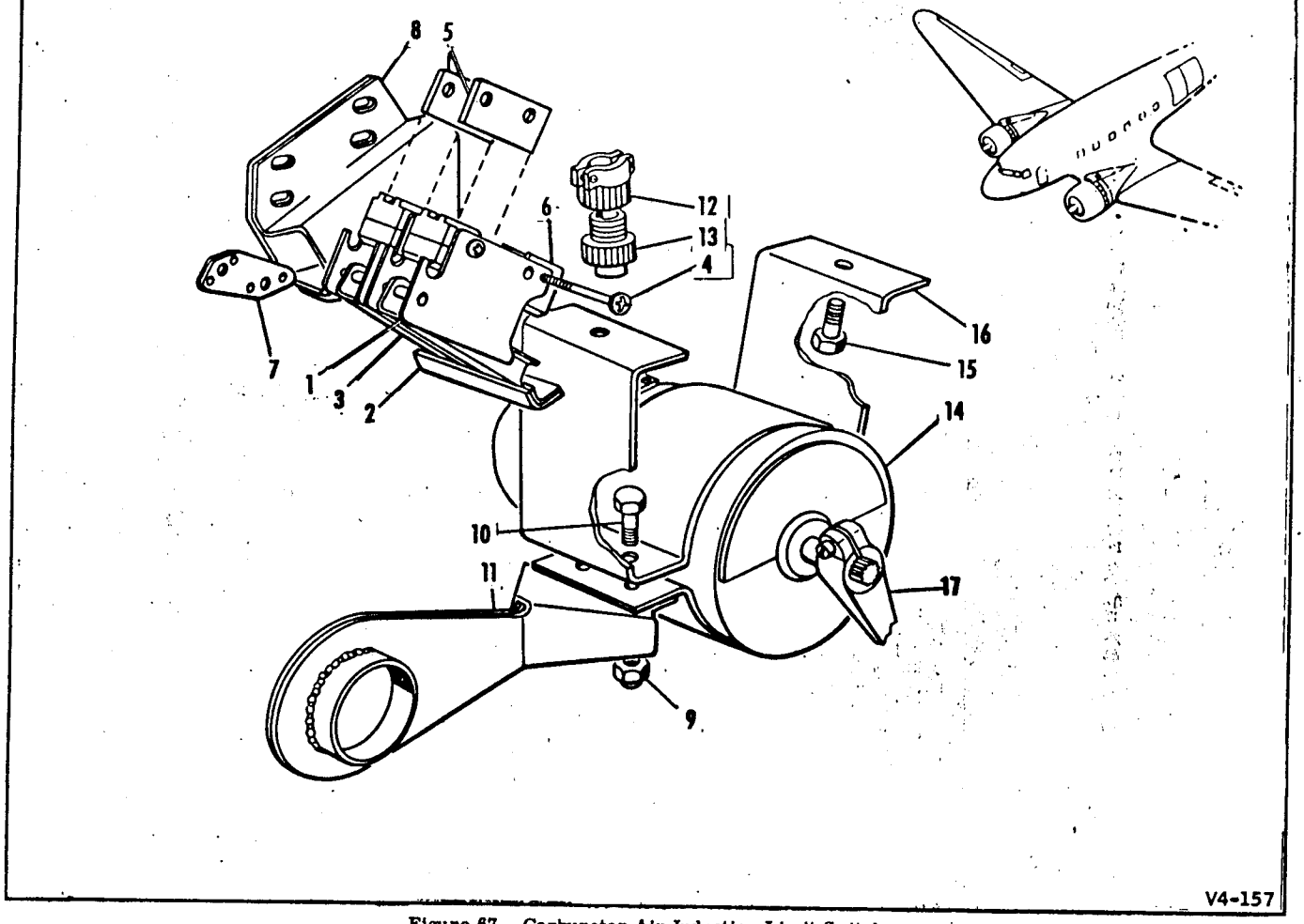

Figure 67. Carburetor Air Induction Limit Switch

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
67	5207493	SWITCH INSTL, CARBURETOR AIR INDUCTION LIMIT (SEE FIG. 66 FOR NHA)	REF	A
- 1	4207426	SWITCH ASSY, CARBURETOR AIR INDUCTION LIMIT	1	A
	4207426-2	ACTUATOR ASSY, CARBURETOR AIR INDUCTION LIMIT	1	A
- 2	2207428	ANGLE, CARBURETOR AIR INDUCTION LIMIT SWITCH	1	A
- 3	9-10831	ACTUATOR, (TYPE T) (91929)	2	A
- 4	S1029679P6-32	SCREW, RECESSED ROUND HEAD	2	A
- 5	2207429	SPACER, CARBURETOR AIR INDUCTION LIMIT SWITCH	2	A
- 6	B-R36	SWITCH ASSY, (91929)	2	A
- 7	2207427	PLATE ASSY, CARBURETOR AIR INDUCTION LIMIT	1	A
- 8	2207403	BRACKET ASSY, CARBURETOR AIR INDUCTION LIMIT SWITCH	1	A
- 9	MS21044N4	NUT, (ALT PN AN365-428)	2	A
- 10	AN4-6	BOLT	2	A
- 11	4207384	BRACKET ASSY, CARBURETOR AIR INDUCTION MOTOR	1	A
- 12	MS3057-10A	CLAMP, (ALT PN AN3057-10)	1	A
- 13	MS3106R18-4S	CONNECTOR, (ALT PN AN3106-18-4S)	1	A
- 14	AYLC5091	MOTOR ASSY, (05624)	1	A
- 15	AN4-6	BOLT	1	A
- 16	4207264	SUPPORT ASSY, CARBURETOR AIR INDUCTION MOTOR	2	A
-17	AYLC155-1	LEVER	1	A
		A 183 THRU 209		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

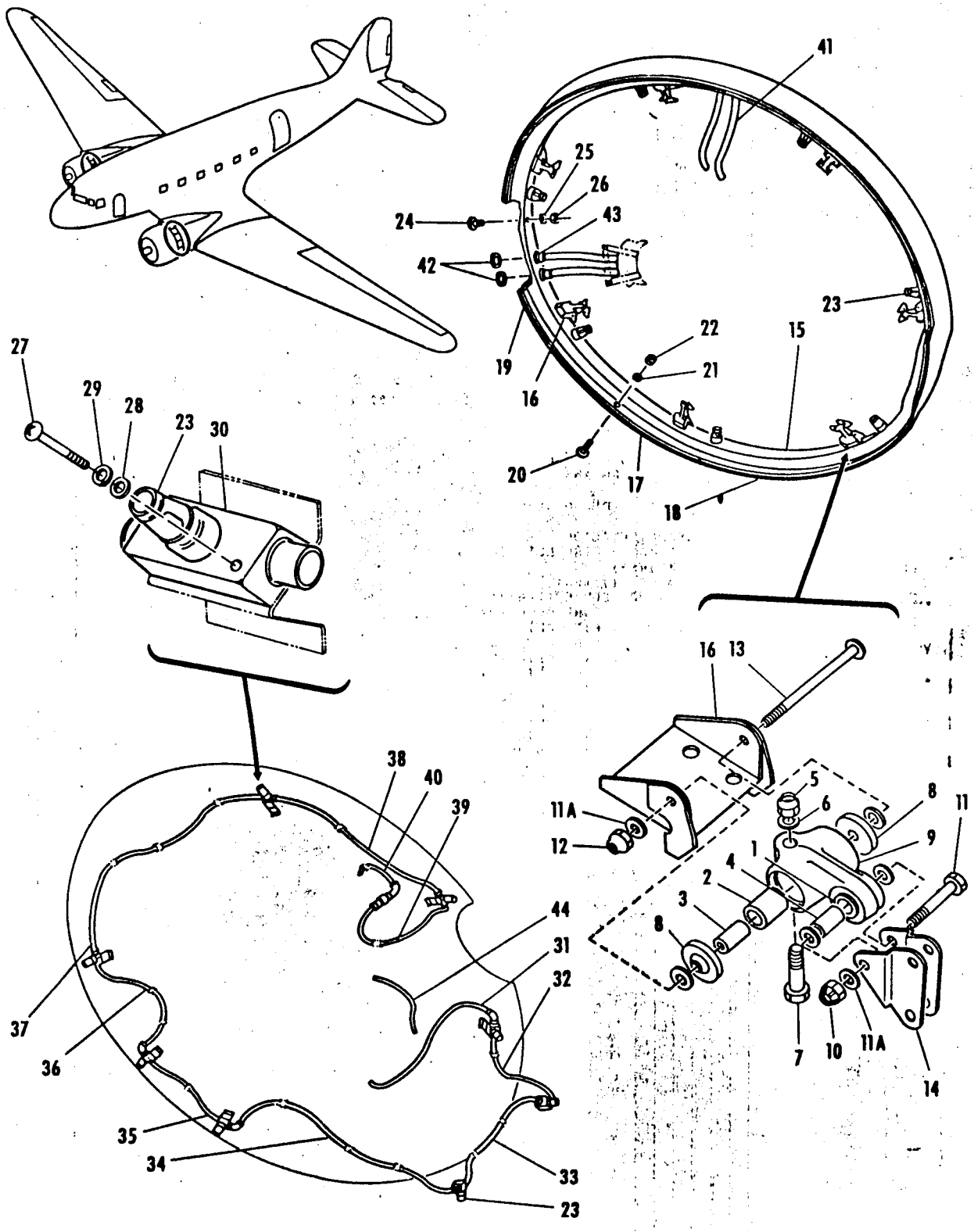

Figure 68. Fire Detector

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FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
68	5394347	DETECTOR INSTL, FIRE (SEE T.O. 1C-1-510)		
	2395304	LINK ASSY, FIRE DETECTOR BOW RING CONNECTOR	1	
- 1	2395304-3	HOSE, FIRE DETECTOR BOW RING CONNECTOR LINK	14	
- 2	2395304-5	HOSE, FIRE DETECTOR BOW RING CONNECTOR LINK	1	
- 3	2395304-7	SPACER, FIRE DETECTOR BOW RING CONNECTOR LINK	1	
- 4	1357068	SPACER, FRONT BOW RING AND ENGINE COWL SUPPORT	1	
- 5	MS21044N3	NUT, (ALT PN AN365-1032)	1	
- 6	AN960-10	WASHER	1	
- 7	AN3-12A	BOLT	1	
- 8	J828-1-4	MOUNT, NEOPRENE SHOCK (76005)	1	
- 9	AA3597-2	LINK, (83885)	2	
- 10	MS21045-4	NUT, (ALT PN AN363-428)	1	
- 11	AN4-11	BOLT	14	
- 11A	AN960-416	WASHER	14	
- 12	AN310-4	NUT	28	
- 13	NAS228-33	BOLT	14	
- 14	1220874	BRACKET, ANTIDRAG RING SUPPORT	14	
- 15	5394347-11	RING ASSY, BOW LH	28	
	5394347-43	RING ASSY, BOW RH	1	
- 16	5394347-13	BRACKET ASSY, BOW RING	1	
- 17	5394347-33	COVER, BOW RING	7	
- 18	5394347-35	COVER, BOW RING	8	
- 19	5394347-37	COVER, BOW RING	4	
		(ATTACHING PARTS)	2	
- 20	MS35206-244	SCREW, (ALT PN AN526-832R7)		
- 21	AN960-8L	WASHER	164	
- 22	MS21045-08	NUT, (ALT PN AN363-832)	164	
		——•——	164	
- 23	36010-4	DETECTOR ASSY, FIRE (19500) (ALT PN 35534-4 (19500))		
		(ATTACHING PARTS)	30	
- 24	MS35206-244	SCREW, (ALT PN AN526-832R7)		
- 25	AN960-8L	WASHER	28	
- 26	MS21045-08	NUT, (ALT PN AN363-832)	28	
- 27	MS35206-241	SCREW, (ALT PN AN526-832R4)	28	
- 28	AN960-8L	WASHER	32	
- 29	MS35337-42	WASHER, (ALT PN AN935-8L)	32	
		——•——	32	
- 30	1336193	BOX, FIRE DETECTOR		
- 31	4394793-502	CONDUIT ASSY, FIRE DETECTOR	16	
	FW06-12S3S	PLUG, (71468)	2	
	FW02-12S3P	RECEPTACLE, (71468)	2	
	18387	ADAPTER, 90 DEGREE (71468)	2	
- 32	4394793-504	CONDUIT ASSY, FIRE DETECTOR	8	
- 33	4394793-506	CONDUIT ASSY, FIRE DETECTOR	2	
- 34	4394793-508	CONDUIT ASSY, FIRE DETECTOR	2	
- 35	4394793-510	CONDUIT ASSY, FIRE DETECTOR	2	
- 36	4394793-512	CONDUIT ASSY, FIRE DETECTOR	2	
- 37	4394793-514	CONDUIT ASSY, FIRE DETECTOR	2	
- 38	4394793-516	CONDUIT ASSY, FIRE DETECTOR	2	
- 39	4394793-518	CONDUIT ASSY, FIRE DETECTOR	2	
- 40	4394793-520	CONDUIT ASSY, FIRE DETECTOR	2	
	SF08E12S4S	PLUG, (77820) (ALT PN 08AF12S4S (71468))	2	
	AN3100F12S4P	RECEPTACLE, (ALT PN 00AF12S4P (71468))	2	
- 41	4394793-522	CONDUIT ASSY, FIRE DETECTOR	2	
- 42	AN3066-4	NUT	4	
- 43	AN3064-4	CONNECTOR	4	
- 44	4394793-532	CONDUIT ASSY, FIRE DETECTOR	4	
	FW06-12S4S	PLUG, (71468)	2	
	FW02-12S4P	RECEPTACLE, (71468)	2	
	1051	COUPLING, (82152)	2	
	1053	NUT, (82152)	2	
	1054	COUPLING, (82152)	2	
	1041	NUT, (82152)	6	
			6	

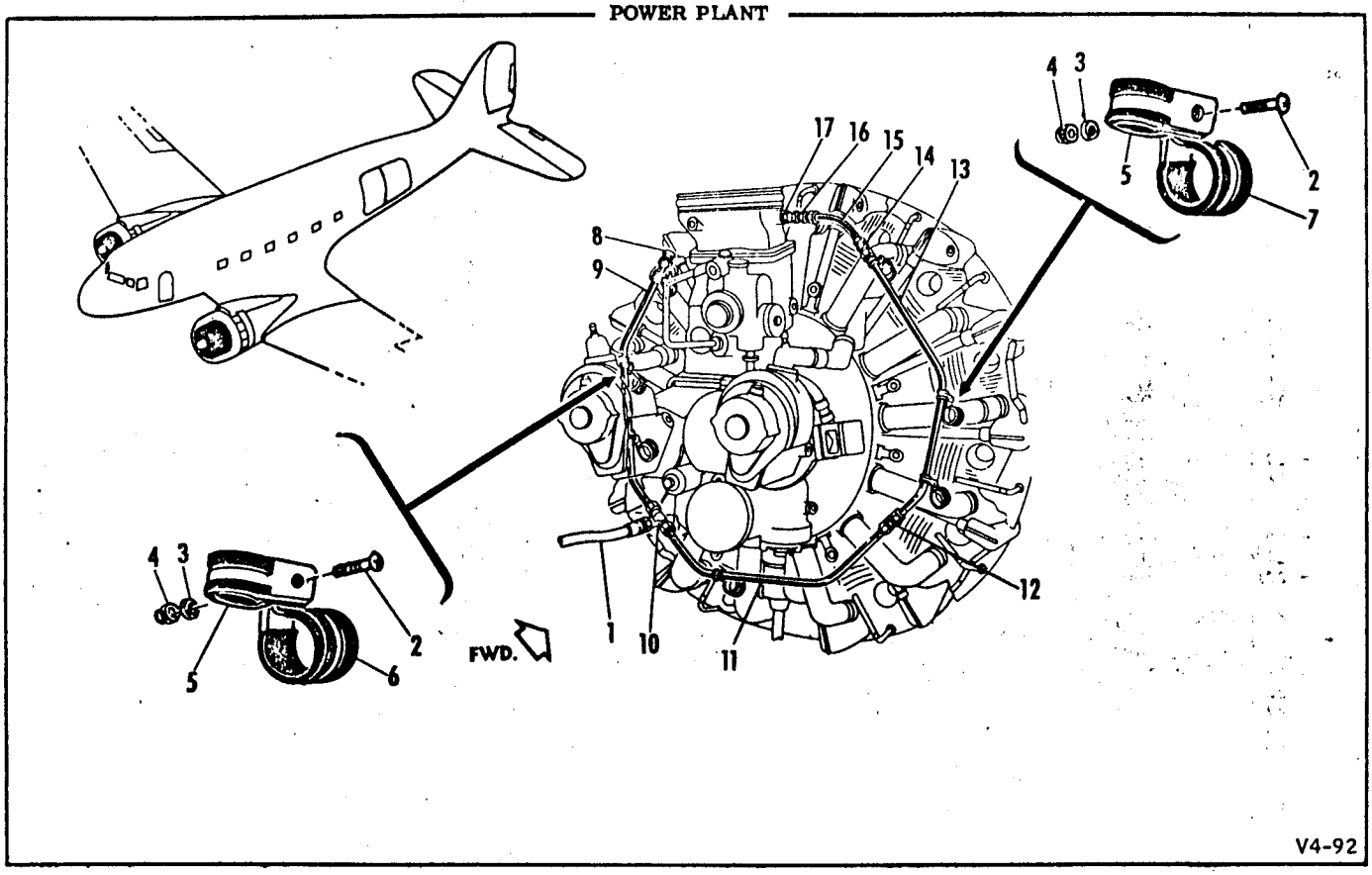

Figure 69. Engine Section Fire Extinguisher

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
69	5110581	EXTINGUISHER INSTL, ENGINE SECTION FIRE LH (SEE T.O. 1C-1-41) (SEE FIG. 39 FOR NHA)	REF	A
	5203744	EXTINGUISHER INSTL, ENGINE SECTION FIRE LH (SEE T.O. 1C-1-41) (SEE FIG. 39 FOR NHA)	REF	B
	5110581-1	EXTINGUISHER INSTL, ENGINE SECTION FIRE RH (SEE T.O. 1C-1-41) (SEE FIG. 39 FOR NHA)	REF	A
	5203744-1	EXTINGUISHER INSTL, ENGINE SECTION FIRE RH (SEE T.O. 1C-1-41) (SEE FIG. 39 FOR NHA)	REF	B
- 1	10693	HOSE ASSY, 3/4 IN. FLEXIBLE METAL TUBE (PER DOUGLAS SPEC DWG 2492235-1) (81481) OR (96142) (AVICA CORP)	1	
- 2	MS35207-262	SCREW, (ALT PN AN526-1032R7)	7	
- 3	AN960D10	WASHER	7	
- 4	MS21083N3	NUT, (ALT PN AN364-1032A)	7	
- 5	MS21919DG8	CLAMP, (ALT PN AN742D10C)	7	
- 6	MS21919DG18	CLAMP	6	
- 7	MS21919DG22	CLAMP	1	
- 8	AN806-8	PLUG	1	
- 9	7492190-504	PIPE ASSY, PLUG TO TEE LH	1	
	7492190-501	PIPE ASSY, PLUG TO UNION RH	1	
- 10	2394467	TEE, FLARED TUBE	1	
- 11	7492190-503	PIPE ASSY, TEE TO UNION LH	1	
	7492190-2	PIPE ASSY, UNION TO TEE RH	1	
- 12	AN815-8	UNION	1	
- 13	7492190-502	PIPE ASSY, UNION TO REDUCER LH	1	
	7492190-1	PIPE ASSY, TEE TO REDUCER RH	1	
- 14	AN919-11	REDUCER	1	
- 15	2492236-501	HOSE ASSY, 3/4 IN. FLEXIBLE METAL TUBE (PER DOUGLAS SPEC DWG 2492235-501) (81481) OR (96142)	1	
- 16	2492191	NIPPLE, SPECIAL RESTRICTOR	1	
- 17	1119660	NIPPLE, CARBURETOR AIR INTAKE FIRE EXTINGUISHER SPRAY	1	
		A 001 THRU 108, 146 THRU 178 AND 210 THRU 558		
		B 109 THRU 145 AND 179 THRU 209		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

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BOX 428
SIOUX LOOKOUT, ONTARIO
P0V 2T0

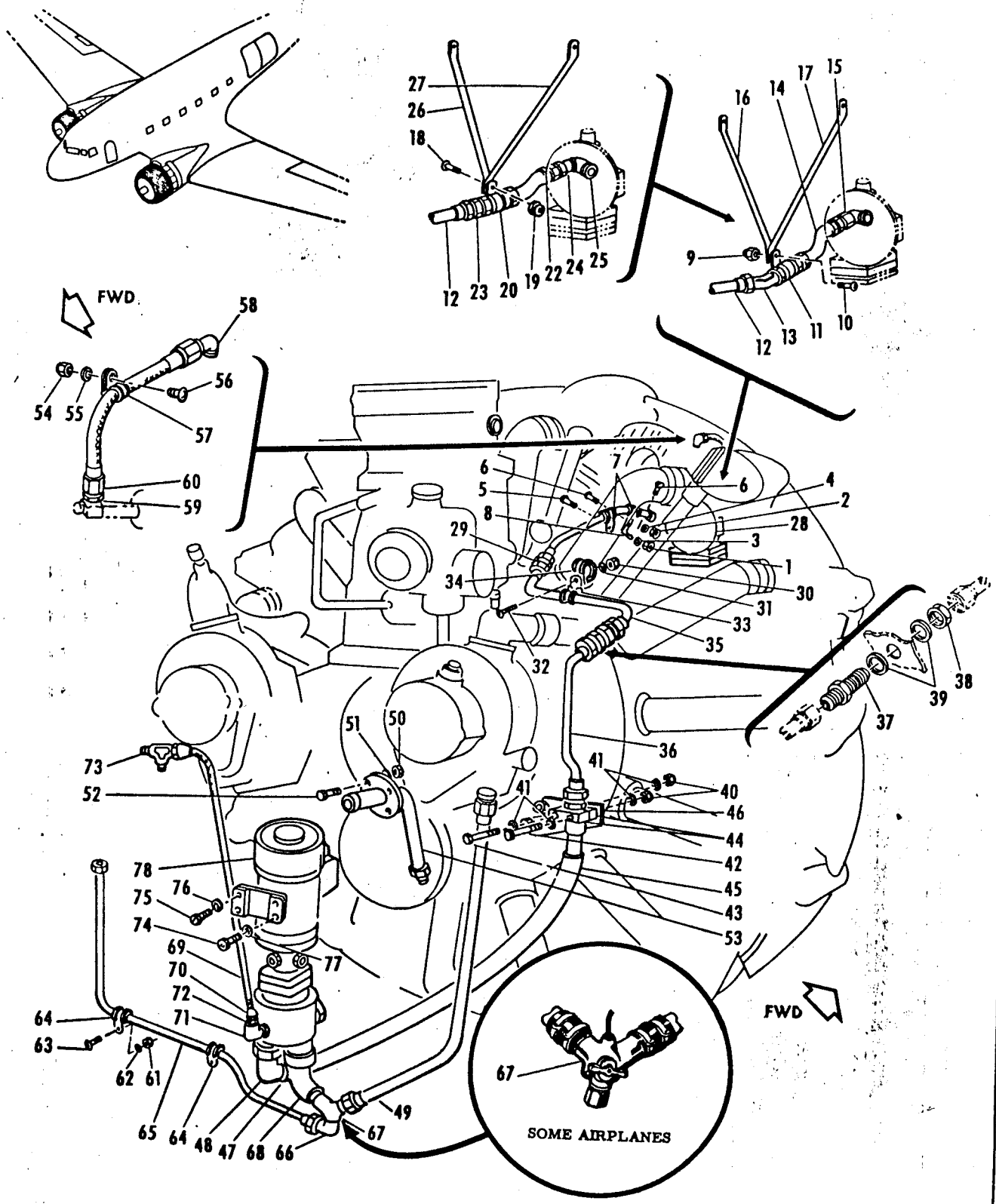

Figure 70. Engine Section Hydromatic Propeller System

V4-149

FIGURE & INDEX NO.	PART NUMBER		1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
70	5141415		SYSTEM INSTL, ENGINE SECTION HYDROMATIC PROPELLER LH (SEE T.O. 1C-1-31 AND T.O. 1C-1-510) (SEE FIG. 39 FOR NHA)	REF	AB
	5203308		SYSTEM INSTL, ENGINE SECTION HYDROMATIC PROPELLER LH (SEE T.O. 1C-1-31 AND T.O.1C- 1-510) (SEE FIG. 39 FOR NHA)	REF	C
	5203745		SYSTEM INSTL, ENGINE SECTION HYDROMATIC PROPELLER LH (SEE T.O. 1C-1-31 AND T.O. 1C-1-510) (SEE FIG. 39 FOR NHA)	REF	D
	5141415-1		SYSTEM INSTL, ENGINE SECTION HYDROMATIC PROPELLER RH (SEE T.O. 1C-1-31 AND T.O. 1C-1-510) (SEE FIG. 39 FOR NHA)	REF	AB
	5203308-1		SYSTEM INSTL, ENGINE SECTION HYDROMATIC PROPELLER RH (SEE T.O. 1C-1-31 AND T.O. 1C-1-510) (SEE FIG. 39 FOR NHA)	REF	C
	5203745-1		SYSTEM INSTL, ENGINE SECTION HYDROMATIC PROPELLER RH (SEE T.O. 1C-1-31 AND T.O. 1C-1-510) (SEE FIG. 39 FOR NHA)	REF	D
- 1	MS21044N08		NUT, (ALT PN AN365-832)	1	
- 2	MS21044N3		NUT, (ALT PN AN365-1032)	2	
- 3	AN960-8L		WASHER	2	
- 4	AN960-10		WASHER	4	
- 5	MS35207-243		SCREW, (ALT PN AN520-8R6)	1	
- 6	MS36207-263		SCREW, (ALT PN AN520-10R8)	2	
- 7	MS21919DG10		CLAMP, (ALT PN AN742D12C)	2	
- 8	2355053		ANGLE, FLEXIBLE CONDUIT STANDOFF	1	
- 9	MS21044N08	*	NUT, (ALT PN AN365-832) (SEE T.O. 1C-1-318)	1	
- 10	MS35206-248	*	SCREW, (ALT PN AN515-8-14) (SEE T.O. 1C-1-318)	1	
- 11	MS21919DG10	*	CLAMP, (ALT PN 755-10-2-8 (00502)) (SEE T.O. 1C-1-318)	1	
- 12	3355035-500		PIPE ASSY, FLEXIBLE HOSE TO UNION	1	
- 13	AN837-10	*	ELBOW (SEE T.O. 1C-1-318)	1	
- 14	MS28741-106-0203	*	HOSE ASSY, HYDRAULIC 1/2 IN. ID (SPEC AN-H-6) (SEE T.O. 1C-1-318)	1	
- 15	MS20823-10	*	ELBOW, (ALT PN AN823-10) (SEE T.O. 1C-1-318)	1	
- 16	NO NUMBER	*	TUBE, 7 IN. LENGTH (SPEC WW-T-787) (GFAE) (SEE T.O. 1C-1-318)	1	
- 17	NO NUMBER	*	TUBE, 9 IN. LENGTH (SPEC WW-T-787) (GFAE) (SEE T.O. 1C-1-318)	1	
- 18	MS35206-248	**	SCREW, (ALT PN AN515-8-14) (SEE T.O. 1C-1-318)	1	
- 19	MS21044N08	**	NUT, (ALT PN AN365-832) (SEE T.O. 1C-1-318)	1	
- 20	MS21919DG10	**	CLAMP, (ALT PN 755-10-2-8 (00502)) (SEE T.O. 1C-1-318)	1	
- 21	DELETED				
- 22	NO NUMBER	**	HOSE ASSY, HYDRAULIC 1/2 IN. ID (SPEC AN-H-6) (SEE T.O. 1C-1-318)	1	
- 23	AN815-10	**	UNION, (SEE T.O. 1C-1-318)	1	
- 24	MS20823-10	**	ELBOW, (ALT PN AN823-10) (SEE T.O. 1C-1-318)	1	
- 25	AN915-4D	**	ELBOW, (SEE T.O. 1C-1-318)	1	
- 26	NO NUMBER	**	TUBE, 7 IN. LENGTH (SPEC WW-T-787) (GFAE) (SEE T.O. 1C-1-318)	1	
- 27	NO NUMBER	**	TUBE, 9 IN. LENGTH (SPEC WW-T-787) (GFAE) (SEE T.O. 1C-1-318)	1	
- 28	4G8G67M		GOVERNOR ASSY, PROPELLER (73030) (GFAE) (ATTACHING PARTS)	1	
	MS20500-524		NUT, GOVERNOR HOLD DOWN	4	
- 29	AN815-10		UNION	1	
- 30	MS21044N3		NUT, (ALT PN AN365-1032)	1	
- 31	AN960-10		WASHER	2	
- 32	MS35207-265		SCREW, (ALT PN AN520-10R12)	1	
- 33	MS21919DG10		CLAMP, (ALT PN AN742D12C)	1	
- 34	MS21919DG16		CLAMP, (ALT PN AN742D18C)	1	
- 35	3355035-502		PIPE ASSY, UNION TO DIAPHRAGM	1	
- 36	3355035-506		PIPE ASSY, DIAPHRAGM TO HOSE	1	
	3355035-504		PIPE ASSY, DIAPHRAGM TO HOSE	1	AC
- 37	AN832-10		UNION	1	D
- 38	AN924-10		NUT	1	
- 39	AN960-1016		WASHER	1	
- 40	MS21044N3		NUT, (ALT PN AN365-1032)	2	
- 41	AN960-10		WASHER	2	
- 42	AN3-22A		BOLT	4	
- 43	AN3-21A		BOLT	1	
- 44	1131492		SUPPORT, HYDROMATIC PROPELLER PIPE (MAKE FROM S1131637-024)	1	
- 45	MS28741-10-0280		HOSE ASSY	2	
- 46	1131490		BRACKET, FLEXIBLE HOSE SUPPORT	1	
- 47	AN912-7		BUSHING	1	
- 48	MS20822-10		ELBOW, (ALT PN AN822-10)	1	
- 49	3355035-508		PIPE ASSY, PUMP FITTING TO FIREWALL	1	
- 50	MS21044N3		NUT, (ALT PN AN365-1032)	1	
- 51	AN960-10		WASHER	4	
- 52	AN3-4A		BOLT	4	

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
70				
- 53	4355058	FITTING ASSY, PROPELLER FIREWALL 1 IN.	1	AB
	4355070	FITTING ASSY, PROPELLER FEATHERING FIREWALL 1-1/4 IN.	1	CD
- 54	MS21044N3	NUT, (ALT PN AN365-1032)	1	
- 55	AN960-10	WASHER	1	
- 56	MS35207-265	SCREW, (ALT PN AN520-10R12)	1	
- 57	MS21919DG14	CLAMP, (ALT PN AN742D16C)	1	
- 58	AN821-10	ELBOW	1	
- 59	AN816-10	NIPPLE	1	
- 60	MS28741-10-0202	HOSE ASSY	1	
- 61	MS21044N08	NUT, (ALT PN AN365-832)	1	
- 62	AN960-8	WASHER	2	A
- 63	MS35207-245	SCREW, (ALT PN AN520-8R8)	2	A
- 64	MS21919DG4	CLAMP, (ALT PN AN742D6C)	2	A
- 65	3355035-522	PIPE ASSY, HYDROMATIC DILUTION FROM SOLENOID TO PUMP	2	A
- 66	MS20822-4	ELBOW, (ALT PN AN822-4)	1	A
- 67	1355059	FITTING ASSY, PROPELLER FEATHERING DILUTION	1	
	3706114	VALVE, WYE OIL DRAIN (ALT PN K140085 (75361))	1	
		(USED ON SOME AIRCRAFT)		
- 68	AN915-6	ELBOW	1	
- 69	MS28741-4-0216	HOSE ASSY	1	
- 70	MS20913-3	PLUG, (ALT PN 895B72)	1	
- 71	S148779-822-4-70	FITTING, 1/8 IN. PIPE THREAD PRESSURE RESTRICTION	1	
- 72	AN912-3	BUSHING	1	
- 73	MS20825-4	TEE, (ALT PN AN825-4)	1	
- 74	MS20074-06-05	BOLT, (ALT PN AN76A5)	1	
- 75	1139287	SCREW, HYDROMATIC PUMP SUPPORT	2	
- 76	AN955-6	WASHER, (USED WITH 1139287)	2	
- 77	AN960-616	WASHER, (USED WITH MS20074-06-05)	2	
- 78	IER-280BHC3	PUMP, (IE-280 SERIES (77200) (GFAE) (S/N 1650-529-4386)	2	
		(ALT PN 53535 (73030))	1	
	53535	PUMP ASSY, (73030)	1	
		A 026 THRU 031 AND 558		
		B 001 THRU 015		
		C 016 THRU 025, 032 THRU 171, 178 THRU 182 AND 555 THRU 557		
		D 172 THRU 177 AND 183 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		
		* PARTS MARKED THUS ARE USED ON AIRCRAFT WITH PROPELLER FEATHERING LINE ROUTED BETWEEN CYLINDERS 1 AND 2 (PER T.O. 1C-1-31B)		
		** PARTS MARKED THUS ARE USED ON AIRCRAFT WITH PROPELLER FEATHERING LINE ROUTED BETWEEN CYLINDERS 1 AND 14 (PER T.O. 1C-1-31B)		

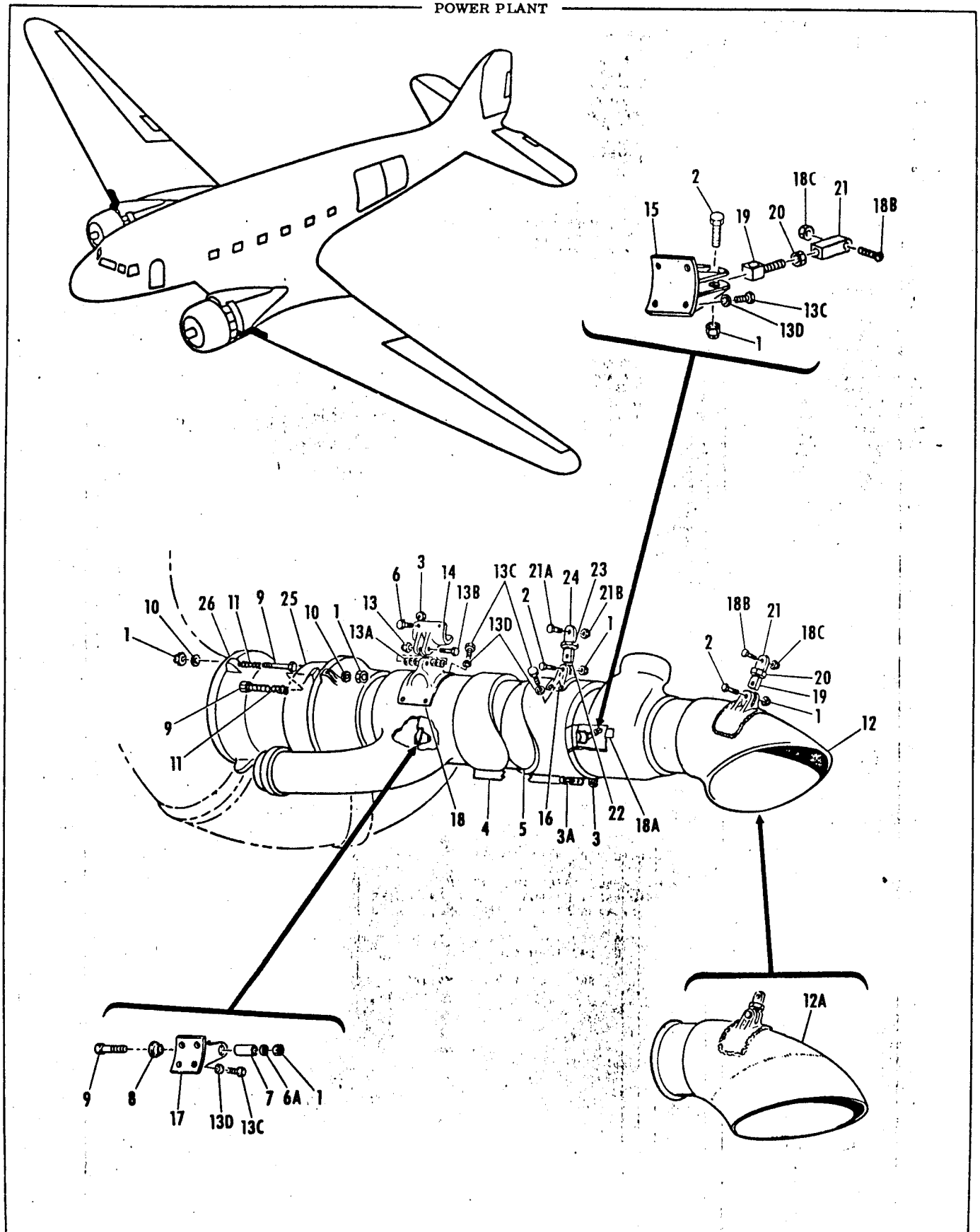

Figure 71. Tailpipe Heat Exchanger and Flame Dampener

V4-110

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
71	5141551	TAILPIPE HEAT EXCHANGER AND FLAME DAMPENER INSTL, LH	1	A
		(SPARE PARTS ASSY 4143131 AND 4143131-500)		
	5188334	TAILPIPE HEAT EXCHANGER AND FLAME DAMPENER INSTL, LH	1	B
		(SPARE PARTS ASSY 4143131 AND 4143131-500)		
	5141551-1	TAILPIPE HEAT EXCHANGER AND FLAME DAMPENER INSTL, RH	1	A
		(SPARE PARTS ASSY, 4143131-1 AND 4143131-501)		
	5188334-1	TAILPIPE HEAT EXCHANGER AND FLAME DAMPENER INSTL, RH	1	B
		(SPARE PARTS ASSY 4143131-1 AND 4143131-501)		
- 1	AN310-4	NUT	13	AB
- 2	AN4-13	BOLT	3	AB
- 3	AN310-3	NUT	8	AB
- 3A	AN3-5	BOLT	4	AB
- 4	5173069	SHROUD ASSY, MUFF HEAT EXCHANGER LH	1	AB
	5173069-1	SHROUD ASSY, MUFF HEAT EXCHANGER RH	1	AB
- 5	5172341	BLANKET, MUFF HEAT EXCHANGER INSULATION	1	AB
- 6	AN3-4	BOLT	4	AB
- 6A	AN960-416	WASHER	1	AB
- 7	NAS43HT12-44	SPACER, (ALT PN S2033901-14S257-022)	1	AB
- 8	S1030901	STOP, TAIL PIPE INLET END SUPPORT	1	AB
- 9	AN4-22	BOLT	7	A
	AN4-22	BOLT	13	B
- 10	AN960C416	WASHER	AR	AB
- 11	S1029728	SPRING, EXHAUST SYSTEM UNIVERSAL JOINT	6	A
	S1029728	SPRING, EXHAUST SYSTEM UNIVERSAL JOINT	12	B
- 12	5171474	EXCHANGER ASSY, MUFF HEAT LH (SEE T.O. 1C-1-508	1	AB
		AND T.O. 1C-1-508A)		
	5171474-1	EXCHANGER ASSY, MUFF HEAT RH (SEE T.O. 1C-1-508	1	AB
		AND T.O. 1C-1-508A)		
- 12A	5171474M	EXCHANGER ASSY, MUFF HEAT LH (SEE T.O. 1C-1-508	1	AB
		AND T.O. 1C-1-508A)		
	5171474-1M	EXCHANGER ASSY, MUFF HEAT RH (SEE T.O. 1C-1-508	1	AB
		AND T.O. 1C-1-508A		
- 13	MS21045-4	NUT, (ALT PN AN363-428)	1	AB
- 13A	AN960-416	WASHER	6	AB
- 13B	AN4-12A	BOLT	1	AB
- 13C	S110242-4-3AH	BOLT, SPECIAL FULL THREADED	16	AB
- 13D	AN960C416L	WASHER	16	AB
- 14	2172369	CHAIR ASSY, MUFF HEAT EXCHANGER LH	1	AB
	2172369-1	CHAIR ASSY, MUFF HEAT EXCHANGER RH	1	AB
- 15	4171761	SUPPORT ASSY, MUFF HEAT EXCHANGER INBOARD	1	AB
- 16	4171531	SUPPORT ASSY, MUFF HEAT EXCHANGER TOP	1	AB
- 17	4171473	LUG ASSY, MUFF HEAT EXCHANGER LH	1	AB
	4171473-1	LUG ASSY, MUFF HEAT EXCHANGER RH	1	AB
- 18	2172370	LUG ASSY, MUFF HEAT EXCHANGER CHAIR	1	AB
- 18A	S1284952	PLATE, PART IDENTIFICATION NAME	1	AB
	1145658	LINK ASSY, TAIL PIPE ATTACH	2	AB
		(ATTACHING PARTS)		
- 18B	AN4-12	BOLT	2	AB
- 18C	AN310-4	NUT	2	AB

- 19	S1145656	END, TAIL PIPE ATTACH LINK MALE	1	AB
- 20	AN316-5R	NUT	1	AB
- 21	S1145657	END, TAIL PIPE ATTACH LINK FEMALE	1	AB
	1173233	LINK ASSY, TAIL PIPE ATTACH	1	AB
		(ATTACHING PARTS)		
- 21A	AN4-12	BOLT	1	AB
- 21B	AN310-4	NUT	1	AB

- 22	1173234	END, TAIL PIPE ATTACH LINK	1	AB
- 23	AN316-5R	NUT	1	AB
- 24	1143666	LINK, FEMALE TAIL PIPE ATTACH	1	AB
- 25	4115370	UNIVERSAL ASSY, EXHAUST TAIL 8 IN. OUTER	1	AB
- 26	4115369	RING ASSY, EXHAUST TAIL PIPE UNIVERSAL JOINT 8 IN. INNER	1	AB
		A 003 THRU 025, 027 THRU 541 AND 555 THRU 558		
		B 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

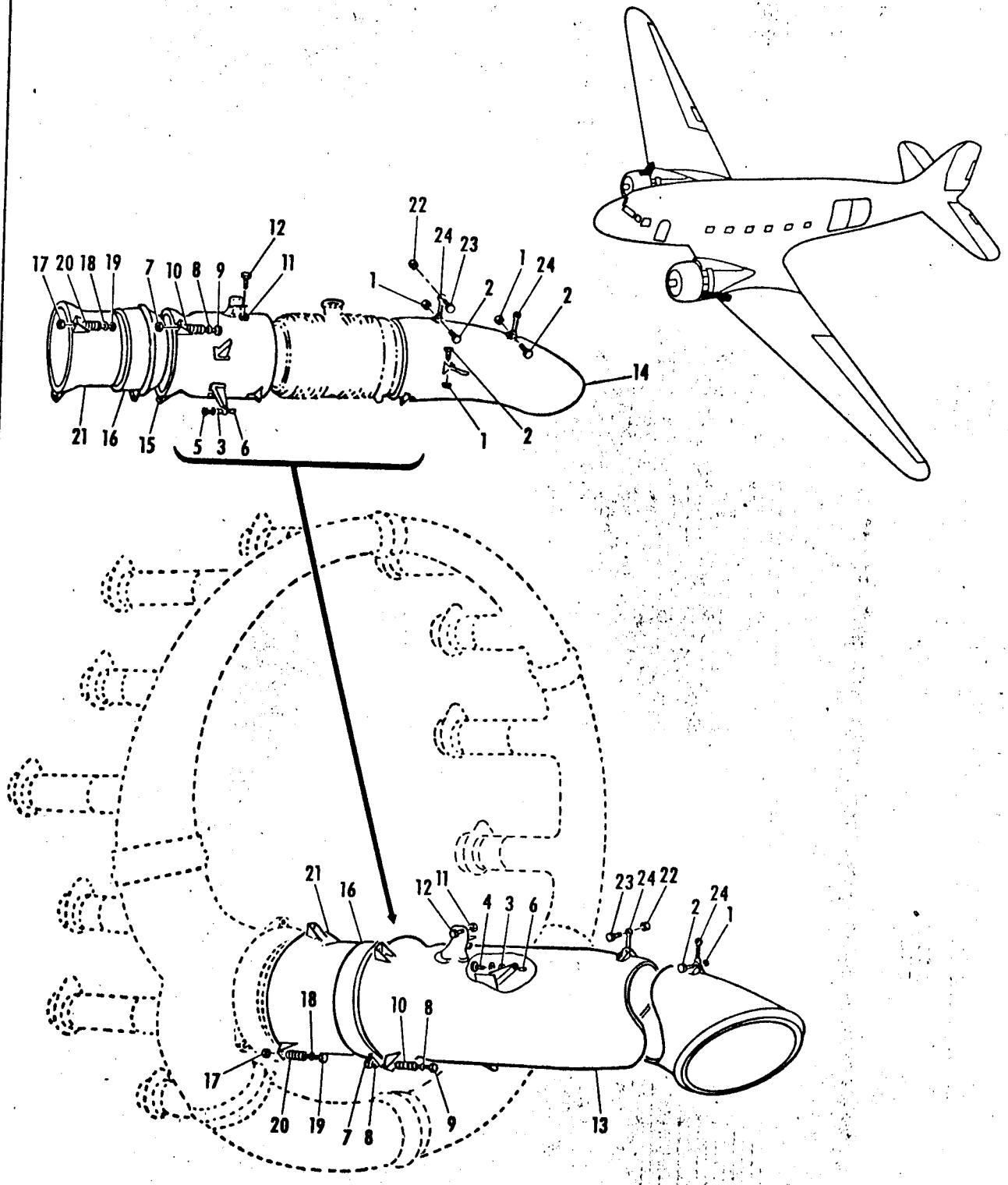

Figure 72. Exhaust Tailpipe

V4-185

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
72	5115227	TAILPIPE INSTL, EXHAUST (SPARE PARTS ASSY 4142396 AND 4142396-1)	1	A
- 1	AN310-4	NUT	6	A
	MS21045C4	NUT, (USE WITH AN4-12A)	6	A
- 2	AN4-12	BOLT	6	A
	AN4-12A	BOLT, (USE WITH MS21045C4)	6	A
	AN310-4	NUT	4	A
	AN960-416	WASHER	4	A
- 3	NAS43HT12-44	SPACER, (ALT PN S2033901-14S257-022)	4	A
- 4	AN4-21	BOLT	2	A
- 5	AN4-22	BOLT	2	A
- 6	1115368	STOP, TAIL PIPE INLET END SUPPORT	4	A
- 7	AN310-4	NUT	6	A
- 8	AN960-416	WASHER	12	A
- 9	AN4-22	BOLT	6	A
- 10	1115366	SPRING, EXHAUST SYSTEM UNIVERSAL JOINT	6	A
- 11	AN310-3	NUT	8	A
	MS21045C3	NUT, (USE WITH AN3-4A)	8	A
- 12	AN3-4	BOLT	8	A
	AN3-4A	BOLT, (USE WITH MS21045C3)	8	A
- 13	5115227-2	PIPE ASSY, EXHAUST TAIL (WELDED)	1	A
- 14	5115365	PIPE ASSY, RIGHT SIDE EXHAUST TAIL	1	A
- 15	5115363	END, RIGHT SIDE EXHAUST TAIL PIPE INLET 8 IN.	1	A
- 16	4115370	UNIVERSAL ASSY, EXHAUST TAIL PIPE 8 IN. OUTER	2	A
- 17	AN310-4	NUT	6	A
- 18	AN960-416	WASHER	12	A
- 19	AN4-22	BOLT	6	A
- 20	1115366	SPRING, EXHAUST SYSTEM UNIVERSAL JOINT	6	A
- 21	4115369	RING ASSY, EXHAUST TAIL PIPE UNIVERSAL JOINT 8 IN. INNER	2	A
- 22	AN310-4	NUT	6	A
	MS21045C4	NUT, (USE WITH AN4-12A)	6	A
- 23	AN4-12	BOLT	6	A
	AN4-12A	BOLT, (USE WITH MS21045C4)	6	A
- 24	1115371	LINK, TAIL PIPE TO FITTING STA 200 (MAKE FROM 1130639)	6	A
		A 001, 002 AND 026		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

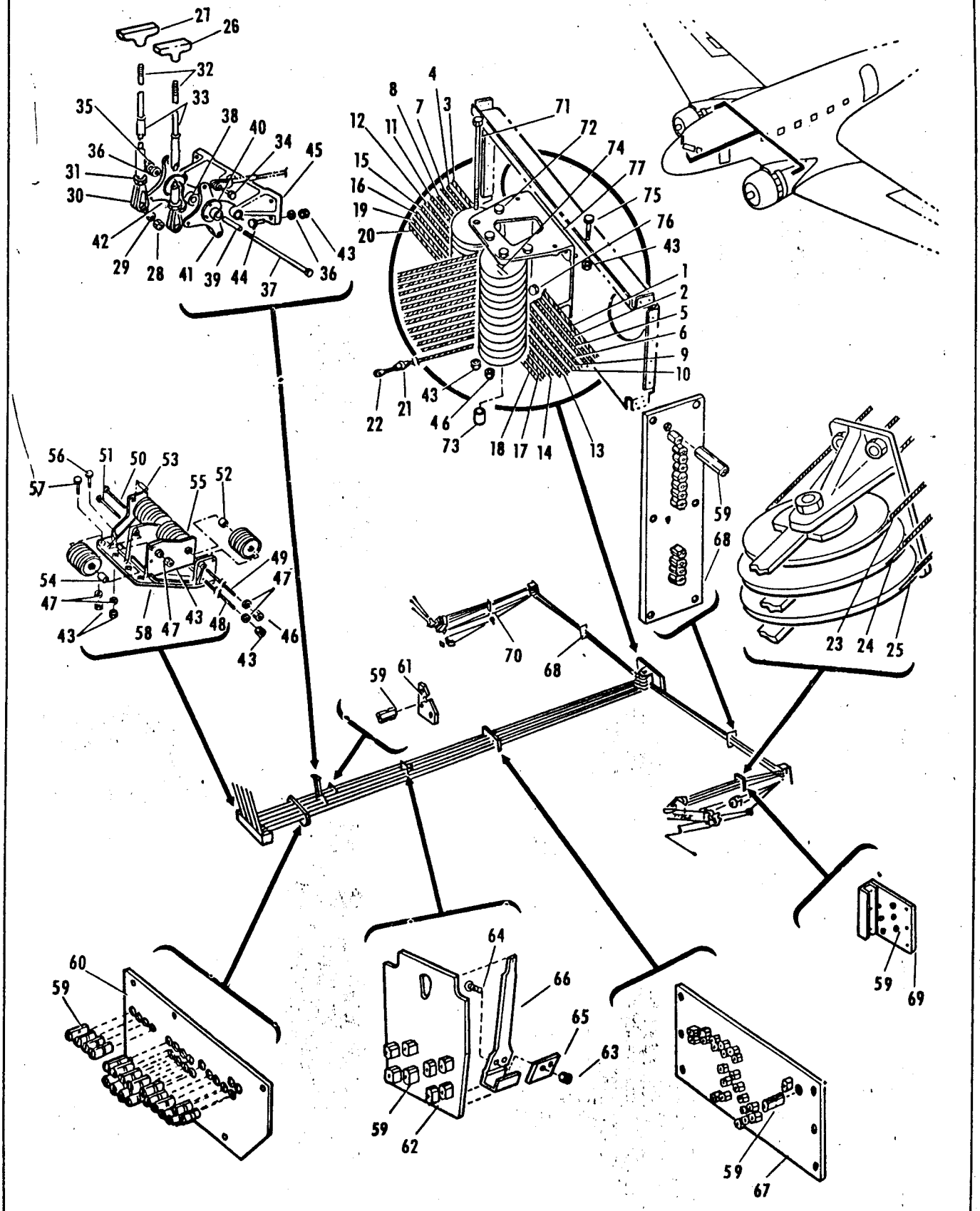

Figure 73. Engine Controls.

V4-108

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
73	5110584	CONTROLS INSTL, ENGINE (SPARE PARTS ASSY 4141708, 4142013 AND 4203862) (SEE FIG. 74 AND 75 FOR ADDITIONAL DETAILS) (SEE FIG. 74 AND 75 FOR ADDITIONAL DETAILS)	1	A
	5189723	CONTROLS INSTL, ENGINE (SPARE PARTS ASSY 4141708, 4142013 AND 4203862)	1	B
- 1	4114029-5	CABLE ASSY, ENGINE CONTROL LH CARBURETOR	1	
- 2	4114029-3	CABLE ASSY, ENGINE CONTROL LH CARBURETOR	1	
- 3	4114029-17	CABLE ASSY, ENGINE CONTROL RH CARBURETOR	1	
- 4	4114029-15	CABLE ASSY, ENGINE CONTROL RH CARBURETOR	1	
- 5	4114029-9	CABLE ASSY, ENGINE CONTROL LH MIXTURE	1	
- 6	4114029-7	CABLE ASSY, ENGINE CONTROL LH MIXTURE	1	
- 7	4114029-21	CABLE ASSY, ENGINE CONTROL RH MIXTURE	1	
- 8	4114029-19	CABLE ASSY, ENGINE CONTROL RH MIXTURE	1	
- 9	4114029-13	CABLE ASSY, ENGINE CONTROL LH THROTTLE	1	
- 10	4114029-11	CABLE ASSY, ENGINE CONTROL LH THROTTLE	1	
- 11	4114029-23	CABLE ASSY, ENGINE CONTROL RH THROTTLE	1	
- 12	4114029-25	CABLE ASSY, ENGINE CONTROL RH THROTTLE	1	
- 13	4114029-29	CABLE ASSY, ENGINE CONTROL LH PROPELLER	1	
- 14	4114029-27	CABLE ASSY, ENGINE CONTROL LH PROPELLER	1	
- 15	4114029-37	CABLE ASSY, ENGINE CONTROL RH PROPELLER	1	
- 16	4114029-35	CABLE ASSY, ENGINE CONTROL RH PROPELLER	1	
- 17	4114029-33	CABLE ASSY, ENGINE CONTROL LH OIL COOLER	1	C
	4114029-45	CABLE ASSY, ENGINE CONTROL LH SHUTOFF VALVE	1	D
- 18	4114029-31	CABLE ASSY, ENGINE CONTROL LH OIL COOLER	1	C
	4114029-43	CABLE ASSY, ENGINE CONTROL LH SHUTOFF VALVE	1	D
- 19	4114029-41	CABLE ASSY, ENGINE CONTROL RH OIL COOLER	1	C
	4114029-47	CABLE ASSY, ENGINE CONTROL RH SHUTOFF VALVE	1	D
- 20	4114029-39	CABLE ASSY, ENGINE CONTROL RH OIL COOLER	1	C
	4114029-49	CABLE ASSY, ENGINE CONTROL RH SHUTOFF VALVE	1	D
- 21	MS21251B3S	BARREL	1	
- 22	MS21254-3RS	EYE	1	D
- 23	5355026-14	CABLE ASSY, ENGINE CONTROL CARBURETOR (SEE T.O. 1C-1-31)	2	
- 24	5355026-16	CABLE ASSY, ENGINE CONTROL MIXTURE (SEE T.O. 1C-1-31)	2	
- 25	5355026-18	CABLE ASSY, ENGINE CONTROL THROTTLE (SEE T.O. 1C-1-31)	2	
- 26	2162091-4	HANDLE ASSY, EMERGENCY SHUTOFF VALVE LH (MAKE FROM S131911) (SEE T.O. 1G-1-31)	1	
- 27	2162091-5	HANDLE ASSY, EMERGENCY SHUTOFF VALVE RH (MAKE FROM S131911) (SEE T.O. 1G-1-31)	1	
- 28	MS21044N4	NUT, (ALT PN AN365-428)	2	
- 29	AN960D416L	WASHER	2	
- 30	AN276-6	JOINT ASSY, (SEE T.O. 1G-1-31)	2	
- 31	AN316-4R	NUT	2	
	2394338	ROD ASSY, COMBUSTIBLE FLUID SHUTOFF COCKPIT CONTROL (SEE T.O. 1C-1-31)	2	
- 32	2394338-3	ROD, COMBUSTIBLE FLUID SHUTOFF COCKPIT CONTROL	1	
- 33	2394338-5	TUBE, COMBUSTIBLE FLUID SHUTOFF COCKPIT CONTROL	1	
- 34	MS20392-2C9	PIN, (ALT PN AN393-9)	4	D
- 35	AN320-3	NUT	1	
- 36	AN960D10L	WASHER	5	
- 37	AN3-24	BOLT	1	
- 38	NAS42DD6-19	SPACER	1	
	2316272	BELLCRANK ASSY, COCKPIT FLUID SHUTOFF CONTROL VALVE LH (SEE T.O. 1C-1-31)	1	
	2243456	BELLCRANK ASSY, COCKPIT FLUID SHUTOFF CONTROL VALVE RH (SEE T.O. 1C-1-31)	1	
	1320522	BEARING ASSY, COCKPIT FLUID SHUTOFF CONTROL VALVE	1	
- 39	A313-8	BEARING, OILITE (70417)	1	
- 40	1320522-2	HUB, COCKPIT FLUID SHUTOFF CONTROL VALVE	1	
- 41	2316192	BELLCRANK, COCKPIT FLUID SHUTOFF CONTROL VALVE LH	1	
- 42	2243455	BELLCRANK, COCKPIT FLUID SHUTOFF CONTROL VALVE RH	1	
- 43	MS21044N3	NUT, (ALT PN AN365-1032)	28	
- 44	AN3-6A	BOLT	4	
- 45	4315904	BRACKET, COCKPIT FLUID SHUTOFF CONTROL VALVE (SEE T.O. 1C-1-31)	1	
- 46	AN310-3	NUT	5	
- 47	AN960-10L	WASHER	15	
- 48	2117735-4	BOLT, ENGINE CONTROLS BRACKET	2	
- 49	2117735-3	BOLT, ENGINE CONTROLS BRACKET	1	
- 50	AN3-32	BOLT	1	
- 51	AN3-30A	BOLT	2	
- 52	NAS43DD3-20	SPACER, (ALT PN S117425-03D010)	1	
- 53	NAS43DD3-20	SPACER, (ALT PN S117425-03D010)	1	B
- 54	NAS43DD3-20	SPACER, (ALT PN S117425-03D010)	1	
- 55	MS24566-2B	PULLEY, (ALT PN AN210-2A)	23	A
	MS24566-2B	PULLEY, (ALT PN AN210-2A)	19	B
- 56	AN3-5A	BOLT	4	
- 57	AN3-7A	BOLT	2	
- 58	4116512	BRACKET, ENGINE CONTROLS STA 49	1	
- 59	S1110293	GROMMET, ENGINE CONTROLS FAIRLEAD	192	A
	S1110293	GROMMET, ENGINE CONTROLS FAIRLEAD	172	B
- 60	4118180	FAIRLEAD, ENGINE CONTROLS STA 63	1	
- 61	1139808	FAIRLEAD, ENGINE CONTROLS STA 76	1	
- 62	1118599	FAIRLEAD, ENGINE CONTROLS STA 103	1	
	1119646	LEVER ASSY, THROTTLE WARNING SWITCH CABLE	2	
- 63	MS21044N08	NUT, (ALT PN AN365-832)	2	
- 64	MS35190-253	SCREW, (ALT PN AN505-8-8)	2	
- 65	1119685	CLAMP, THROTTLE WARNING SWITCH CABLE	1	

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
	CONTINUED			
73 - 66	1119646-2	ARM, THROTTLE WARNING SWITCH CABLE LEVER	1	
- 67	2117137	FAIRLEAD, ENGINE CONTROLS STA 136	1	
- 68	1118268	FAIRLEAD ASSY, ENGINE CONTROL CABLE WING STA 45	2	
- 69	1115781	FAIRLEAD ASSY, LH NACELLE	1	
- 70	1115782	FAIRLEAD ASSY, RH NACELLE	1	
- 71	AN3-60	BOLT	2	
- 72	AN3-60A	BOLT	3	
- 73	NAS43DD3-38	SPACER, (ALT PN S2033900-5D049-019)	2	E
- 74	MS24566-2B	PULLEY, (ALT PN AN210-2A)	20	E
- 75	AN3-5A	BOLT	8	
- 76	AN3-7A	BOLT	1	
- 77	4117737	BRACKET, ENGINE CONTROLS FRONT SPARE PULLEY (MAKE FROM S4005916)	1	
		A 001 THRU 175, 178 THRU 452, 528 THRU 538 AND 555 THRU 558		
		B 176, 177, 453 THRU 527 AND 539 THRU 554		
		C 026 THRU 056, 149 THRU 175, 183 THRU 452, 528 THRU 538 AND 555 THRU 558		
		D 001 THRU 025, 057 THRU 148, 176 THRU 182, 453 THRU 527 AND 539 THRU 554		
		E 093 THRU 145, 149 THRU 171, 176, 177, 179 THRU 182, 453 THRU 527, AND 539 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

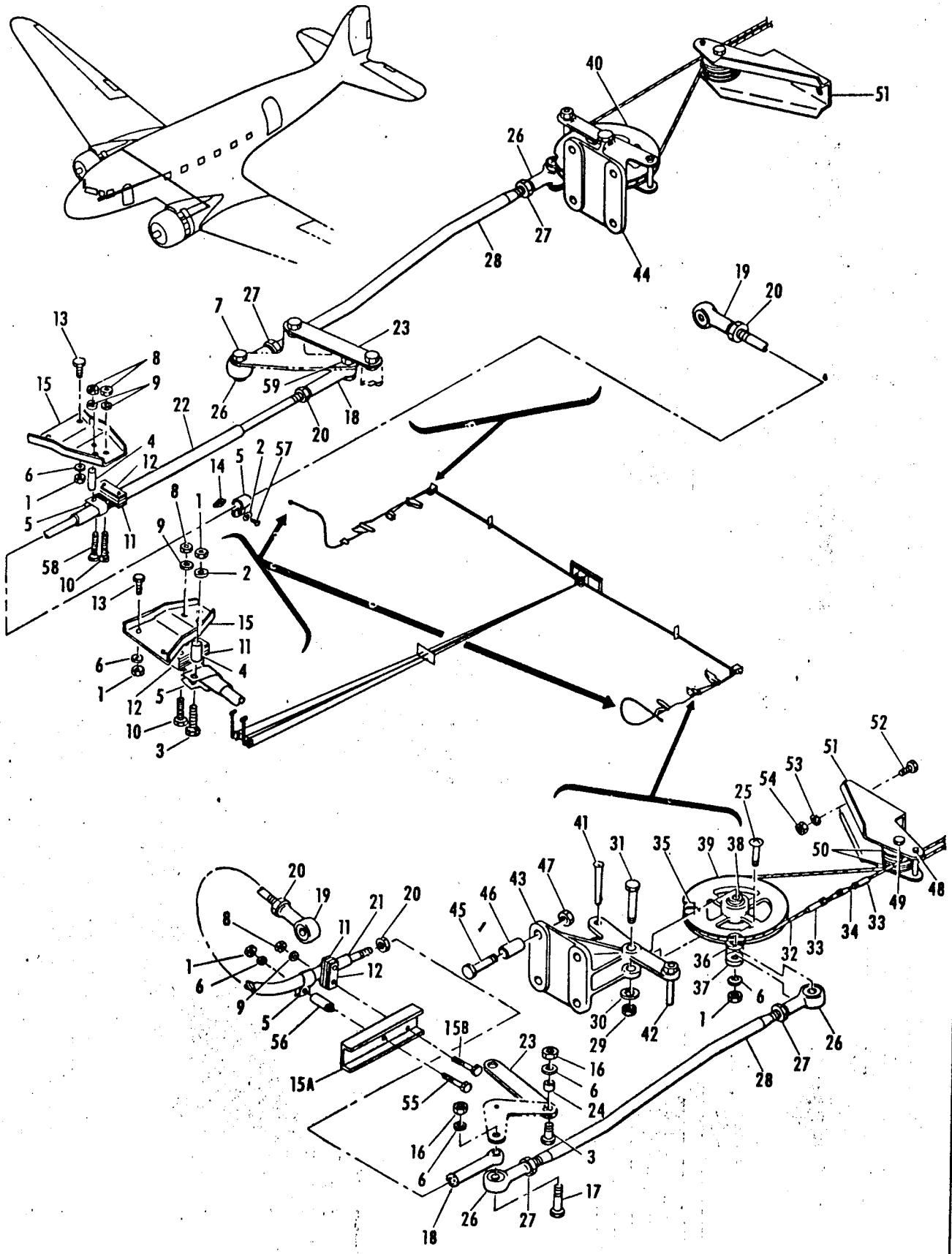

Figure 74. Engine Controls

FIGURE & INDEX NO.	PART NUMBER		1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
74	5110584		CONTROLS INSTL, ENGINE (SPARE PARTS ASSY 4203862) (SEE FIG. 73 AND 75 FOR ADDITIONAL DETAILS)	1	A
	5189723		CONTROLS INSTL, ENGINE (SPARE PARTS ASSY 4203862) (SEE FIG. 73 AND 75 FOR ADDITIONAL DETAILS)	1	B
- 1	MS21044N3	*	NUT, (ALT PN AN365-1032)	9	
	MS21044N3		NUT, (ALT PN AN365-1032) (SEE T.O. 1C-1-202)	13	
- 2	AN960-10	*	WASHER	4	
	AN960-10		WASHER, (SEE T.O. 1C-1-202)	8	
- 3	AN3-5A	*	BOLT	4	
	AN3-5A		BOLT, (SEE T.O. 1C-1-202)	7	
- 4	NAS43DD3-8		SPACER, (SEE T.O. 1C-1-202)	2	
- 5	MS21919DG5	*	CLAMP, (ALT PN AN742D7CB)	4	
	MS21919DG5		CLAMP, (ALT PN AN742D7CD) (SEE T.O. 1C-1-202)	8	
- 6	AN960D10L	*	WASHER	20	
- 7	AN3-11A	*	BOLT	3	
- 8	MS21044N08	*	NUT, (ALT PN AN365-832)	8	
- 9	AN960D8L	*	WASHER	8	
- 10	MS35265-45	*	SCREW, (ALT PN AN500-8-14)	6	
- 11	AN750F5	*	CLIP, (ALT PN AAF750F5)	4	
- 12	2394337	*	SPACER, FLUID SHUTOFF VALVE CONTROL CLIP	7	
- 13	AN3-4A	*	BOLT	6	
- 14	NAS1023N3	*	NUTPLATE, (ALT PN AN366F1032)	3	
- 15	2394483	*	SUPPORT, FLUID SHUTOFF VALVE CONTROL	3	
- 15A	4315936		SUPPORT	1	
- 15B	AN500-8-8		BOLT	2	
- 16	AN320-3	*	NUT	6	
- 17	AN23-20A	*	BOLT	1	
	2188830-12	*	CONTROL ASSY, SHUTOFF VALVE FLEXIBLE LH	1	
	2188830-10	*	CONTROL ASSY, SHUTOFF VALVE FLEXIBLE RH	1	
- 18	1188338		END, FLUID SHUTOFF VALVE CONTROL ROD	1	
- 19	REB3N3		END ASSY, ROD (21335) (ALT PN REB3N (21335))	1	
- 20	AN316-4R		NUT	1	
- 21	2188830-16		CONTROL, FLEXIBLE LH	2	
- 22	2188830-14		CONTROL, FLEXIBLE RH	1	
- 23	2394273	*	LINK, FUEL AND HYDRAULIC FLUID SHUTOFF VALVES CONNECTING	1	
- 24	NAS43HT3-10	*	SPACER	2	
- 25	MS27039-18	*	SCREW, (ALT PN NAS221-18)	4	
	2394339	*	ROD ASSY, FLUID SHUTOFF VALVE ACTUATING	2	
- 26	REB3N3		END ASSY, ROD (21335) (ALT PN REB3N (21335))	2	
- 27	AN316-4R		NUT	2	
- 28	2394339-3		ROD, FLUID SHUTOFF VALVE ACTUATING	2	
- 29	MS21044N4	*	NUT, (ALT PN AN365-428)	1	
- 30	AN960D416L	*	WASHER	2	
- 31	AN4-13A	*	BOLT	2	
- 32	NO NUMBER	*	CABLE, 3/32 X 9 FT (PER MIL-C-1511)	2	
- 33	MS21259-3	*	TERMINAL, (ALT PN AN666-3)	2	
- 34	MS21251-3S	*	TURNBUCKLE BODY, (ALT PN AN155-16S)	4	
- 35	S1152309	*	LOCK, CABLE	2	
	2327030	*	PULLEY ASSY, FLUID SHUTOFF VALVE LH	2	
	2327030-1	*	PULLEY ASSY, FLUID SHUTOFF VALVE RH	1	
- 36	NAS75-3-003		BUSHING	1	
- 37	NAS75-3-006		BUSHING	1	
- 38	4DR9		BEARING, (60380)	1	
- 39	2327030-2		PULLEY, FLUID SHUTOFF VALVE LH	1	
- 40	2327030-3		PULLEY, FLUID SHUTOFF VALVE RH	1	
- 41	NAS427K15	*	PIN	1	
- 42	S1109234-2	*	BOLT, PULLEY BRACKET GUARD	2	
- 43	2327031	*	BRACKET, FLUID SHUTOFF VALVE PULLEY LH	2	
- 44	2327031-1	*	BRACKET, FLUID SHUTOFF VALVE PULLEY RH	1	
			(ATTACHING PARTS)	1	
- 45	AN3-13A	*	BOLT	8	
- 46	NAS43DD3-48	*	SPACER	8	
- 47	MS21044N3	*	NUT, (ALT PN AN365-1032)	8	
- 48	NAS427K14	*	PIN	2	
- 49	AN3-12A	*	BOLT	2	
- 50	MS24566-18	*	PULLEY, (ALT PN AN210-1B)	4	
- 51	4394333	*	BRACKET, FLUID SHUTOFF VALVE CONTROL IDLER PULLEY	2	
			(ATTACHING PARTS)	4	
- 52	AN3-4A	*	BOLT	4	
- 53	AN960D10L	*	WASHER	4	
- 54	MS21044N3	*	NUT, (ALT PN AN365-1032)	4	
- 55	AN3-6A		BOLT, (SEE T.O. 1C-1-202)	1	
- 56	NAS43DD3-16		SPACER, (SEE T.O. 1C-1-202)	1	
- 57	MS27039-9	*	SCREW, (ALT PN NAS221-9)	1	
- 58	MS35265-48	*	SCREW, (ALT PN AN500-10-14)	2	
- 59	AN23-13	*	BOLT	1	

A 001 THRU 175, 178 THRU 452, 528 THRU 538 AND 555 THRU 558

B 176, 177, 453 THRU 527 AND 539 THRU 554

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

* FOR PARTS INDICATED SEE T.O. 1C-1-31

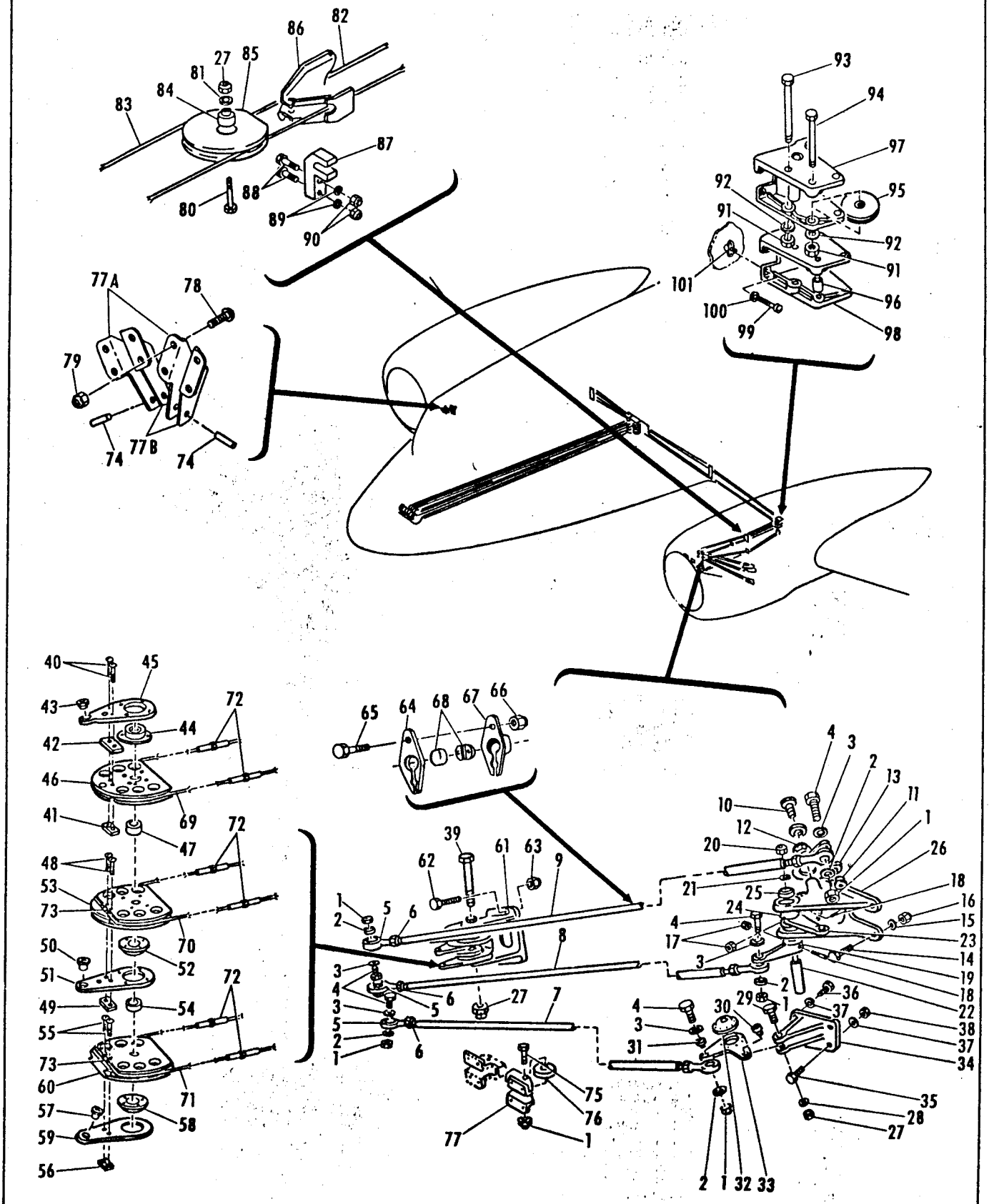

Figure 75. Engine Controls

V4-109

FIGURE & INDEX NO.	PART NUMBER		1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
75	5110584		CONTROLS INSTL, ENGINE (SPARE PARTS ASSY 4203862)	1	A
			(SEE FIG. 73 AND 74 FOR ADDITIONAL DETAILS)		
	5189723		CONTROLS INSTL, ENGINE (SPARE PARTS ASSY 4203862)	1	B
			(SEE FIG. 73 AND 74 FOR ADDITIONAL DETAILS)		
- 1	AN310-3		NUT	13	
- 2	S1035349		WASHER, CONTROL ROD END	12	
- 3	AN960-10		WASHER	12	
- 4	AN3-10		BOLT	12	
	S2032516A2408	*	ROD ASSY, ENGINE CONTROL LH	1	
	S2032516A1608	*	ROD ASSY, ENGINE CONTROL RH	1	
	S2032516A2324	*	ROD ASSY, ENGINE CONTROL LH	1	
	S2032516A1628	*	ROD ASSY, ENGINE CONTROL RH	1	
	S2032516A2500	*	ROD ASSY, ENGINE CONTROL LH	1	
	S2032516A1300	*	ROD ASSY, ENGINE CONTROL RH	1	
- 5	REB3N3		END ASSY, (21335)	2	
- 6	AN316-4R		NUT	2	
- 7	S2032516-2408		ROD, ENGINE CONTROL LH	1	
	S2032516-1608		ROD, ENGINE CONTROL RH	1	
- 8	S2032516-2324		ROD, ENGINE CONTROL LH	1	
	S2032516-1628		ROD, ENGINE CONTROL RH	1	
- 9	S2032516-2500		ROD, ENGINE CONTROL LH	1	
	S2032516-1300		ROD, ENGINE CONTROL RH	1	
- 10	AN4H7A		BOLT, (ALT PN S132100-4-7A)	2	
	1117731		BELLCRANK ASSY, CARBURETOR AIR OPERATING	2	
- 11	1117745		BUSHING, 3/16 SHOULDER	2	
- 12	MS20218-1		BEARING, (ALT PN BC4W10 (21335))	1	
- 13	1117731-1		LEVER, CARBURETOR AIR OPERATING BELLCRANK	1	
	4113270		BRACKET ASSY, AUTOMATIC MIXTURE CONTROL LEVER LH	1	
	4113270-1		BRACKET ASSY, AUTOMATIC MIXTURE CONTROL LEVER RH	1	
			(ATTACHING PARTS)		
- 14	AN3-6A		BOLT	8	
- 15	AN960D10		WASHER	8	
- 16	MS21044N3		NUT, (ALT PN AN365-1032)	8	
			├─┼─*─┼─┤		
- 17	MS21044D08		NUT	2	
- 18	S124604-10-10		PIN, SPECIAL THREADED TAPER	2	
- 19	S1113521		LEVER ASSY, AUTOMATIC MIXTURE CONTROL BRACKET	1	
- 20	AN310-5		NUT	1	
- 21	AN960-516		WASHER	1	
- 22	1118257		SHAFT, AUTOMATIC MIXTURE CONTROL LEVER BRACKET	1	
- 23	1114528		ARM ASSY, AUTOMATIC MIXTURE CONTROL LEVER BRACKET	1	
- 24	NAS43DD8-8		SPACER	1	
- 25	MS20201KP8A		BEARING	1	
- 26	4118259		BRACKET, AUTOMATIC MIXTURE CONTROL SUPPORT LH	1	
	4118259-1		BRACKET, AUTOMATIC MIXTURE CONTROL SUPPORT RH	1	
- 27	AN310-4		NUT	4	
- 28	AN960D416		WASHER	2	
- 29	AN4-14		BOLT	2	
	1113391		BELLCRANK ASSY, THROTTLE OPERATING LH	1	
	1113392		BELLCRANK ASSY, THROTTLE OPERATING RH	1	
- 30	1116949		BUSHING, 1/4 SHOULDER	1	
- 31	1117745		BUSHING, 3/16 SHOULDER	1	
- 32	MS20218-1		BEARING, (ALT PN BC4W10 (21335))	1	
- 33	1113391-2		LEVER, THROTTLE OPERATING BELLCRANK LH (MAKE FROM 1117731-1)	1	
	1113392-2		LEVER, THROTTLE OPERATING BELLCRANK RH (MAKE FROM 1117731-1)	1	
- 34	2117734		BRACKET, THROTTLE CONTROL BELLCRANK SUPPORT	2	
			(ATTACHING PARTS)		
- 35	AN3-6A		BOLT	4	
- 36	AN3H4A		BOLT, (ALT PN S132100-3-4A)	4	
- 37	AN960D10		WASHER	8	
- 38	MS21044N3		NUT, (ALT PN AN365-1032)	8	
			├─┼─*─┼─┤		
- 39	AN4-32		BOLT	2	
	5355026		CONTROLS INSTL, ENGINE SECTION (SEE T.O. 1C-1-31)	1	
- 40	AN503-8R10		SCREW	2	
- 41	5355026-7		PLATE, ANCHOR	1	
- 42	5355026-13		SPACER, ENGINE CONTROL QUADRANT	1	
	5355026-4		QUADRANT ASSY, ENGINE CONTROL LH	1	
	5355026-5		QUADRANT ASSY, ENGINE CONTROL RH	1	
- 43	1045642		BUSHING, 3/16 SHOULDER (SIZE ID TO 0.1895/0.1905 ON INSTL)	1	
- 44	MS20218-1		BEARING	1	
- 45	5355026-22		ARM, ENGINE CONTROL QUADRANT LH	1	
	5355026-23		ARM, ENGINE CONTROL QUADRANT RH	1	
- 46	5355026-20		QUADRANT, ENGINE CONTROL	1	
- 47	NAS43DD4-27		SPACER	1	
- 48	AN503-8R4		SCREW	2	
- 49	5355026-10		PLATE, ANCHOR	1	
	5355026-6		QUADRANT ASSY, ENGINE CONTROL	2	
	5355026-25		ARM ASSY, ENGINE CONTROL QUADRANT	1	
- 50	1045642		BUSHING, 3/16 SHOULDER (SIZE ID TO 0.1895/0.1905 ON INSTL)	1	
- 51	5355026-24		ARM, ENGINE CONTROL QUADRANT	1	
- 52	MS20218-1		BEARING	1	
- 53	5355026-26		QUADRANT, ENGINE CONTROL	1	
- 54	NAS43DD4-4		SPACER	2	
- 55	AN503-8R4		SCREW	2	
- 56	5355026-10		PLATE, ANCHOR	1	
	5355026-8		QUADRANT ASSY, ENGINE CONTROL LH	1	

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
75	5355026-9	QUADRANT ASSY, ENGINE CONTROL RH	1	
- 57	1045642	BUSHING, 3/16 SHOULDER (SIZE ID TO 0.1895/0.1905 ON INSTL)	1	
- 58	MS20218-1	BEARING, (ALT PN 30-1135-4)	1	
- 59	5355026-15	ARM, ENGINE CONTROL QUADRANT LH	1	
	5355026-21	ARM, ENGINE CONTROL QUADRANT RH	1	
- 60	5355026-17	QUADRANT, ENGINE CONTROL	1	
- 61	2117736	BRACKET, CARBURETOR AIR, THROTTLE AND MIXTURE OPERATING CRANK LH	1	
	5355026-11	BRACKET, ENGINE SECTION CONTROLS RH (MAKE FROM S2011549) (ATTACHING PARTS)	1	
- 62	AN3-5A	BOLT	8	
- 63	MS21044N3	NUT, (ALT PN AN365-1032)	8	
		*		
- 64	2324693	RETAINER, CONTROL CABLE FIRE SEAL GROMMET (ATTACHING PARTS)	16	
- 65	MS35206-245	SCREW, (ALT PN AN515-8R8)	32	
- 66	MS21044N08	NUT, (ALT PN AN365-832)	32	
		*		
- 67	2324694	HOUSING, CONTROL CABLE FIRE SEAL GROMMET	16	
- 68	2324692	GROMMET, CONTROL CABLE FIRE SEAL	32	
- 69	5355026-14	CABLE ASSY, ENGINE CONTROL	2	
- 70	5355026-16	CABLE ASSY, ENGINE CONTROL	2	
- 71	5355026-18	CABLE ASSY, ENGINE CONTROL	2	
- 72	MS21259-3LH	TERMINAL	2	
- 73	MS20663C3	TERMINAL	1	
- 74	MS20392-1C13	PIN, (USED ON RH SIDE ONLY)	2	
- 75	AN3-6	BOLT	3	
- 76	MS24566-1B	PULLEY, (ALT PN AN210-1A)	3	
- 77	1117725	BRACKET, PROPELLER GOVERNOR PULLEY FIREWALL LH	1	
- 77A	5355027-80	BRACKET, DEMOUNTABLE POWER PLANT FIREWALL RH (SEE T.O. 1C-1-31)	2	
- 77B	5355027-81	BRACKET, DEMOUNTABLE POWER PLANT FIREWALL RH (SEE T.O. 1C-1-31) (ATTACHING PARTS)	2	
- 78	MS35206-229	SCREW, (ALT PN AN515-6R7)	12	
- 79	MS21044N06	NUT, (ALT PN AN365-632)	12	
		*		
- 80	AN4-12	BOLT	2	
- 81	AN960-416	WASHER	2	
	2115780	CONTROL ASSY, NACELLE PULLEY PROPELLER PITCH	2	
- 82	2115780-6	CABLE ASSY, NACELLE PULLEY PROPELLER PITCH CONTROL	1	
- 83	2115780-8	CABLE ASSY, NACELLE PULLEY PROPELLER PITCH CONTROL	1	
	2118733	PULLEY ASSY, NACELLE PROPELLER PITCH CONTROL	1	
- 84	NR4L8	BEARING, (21335)	1	
- 85	2118733-2	PULLEY, NACELLE PROPELLER PITCH CONTROL	1	
- 86	2117732-2	BRACKET, NACELLE PROPELLER CONTROL PULLEY LH	1	
	2117732-1	BRACKET, NACELLE PROPELLER CONTROL PULLEY RH	1	
- 87	1188340	FAIRLEAD, NACELLE STA 202 SHUTOFF VALVE CONTROL CABLE (ATTACHING PARTS)	2	
- 88	AN3-5A	BOLT	4	
- 89	AN960-10	WASHER	4	
- 90	MS21044N3	NUT, (ALT PN AN365-1032)	4	
		*		
- 91	MS21044N3	NUT, (ALT PN AN365-1032)	8	
- 92	AN960-10L	WASHER	12	
- 93	AN3-30A	BOLT	8	
- 94	AN3-30	BOLT	4	
- 95	MS24566-2B	PULLEY, (ALT PN AN210-2A)	20	
- 96	NAS43HT3-19	SPACER	2	
- 97	4115463	BRACKET, NACELLE ENGINE CONTROL PULLEY LH	1	
	4115463-1	BRACKET, NACELLE ENGINE CONTROL PULLEY RH	1	
- 98	4115562	BRACKET, NACELLE ENGINE CONTROL PULLEY (ATTACHING PARTS)	2	
- 99	MS35266-66	SCREW, (ALT PN AN501A10-14)	16	
-100	MS35335-32	WASHER	16	
-101	NAS1023N3	NUTPLATE	16	
		*		
		A 001 THRU 175, 178 THRU 452, 528 THRU 538 AND 555 THRU 558		
		B 176, 177, 453 THRU 527 AND 539 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		
		* PARTS INDICATED ARE NOT FURNISHED WITH 4203862 SPARE PARTS ASSEMBLY		

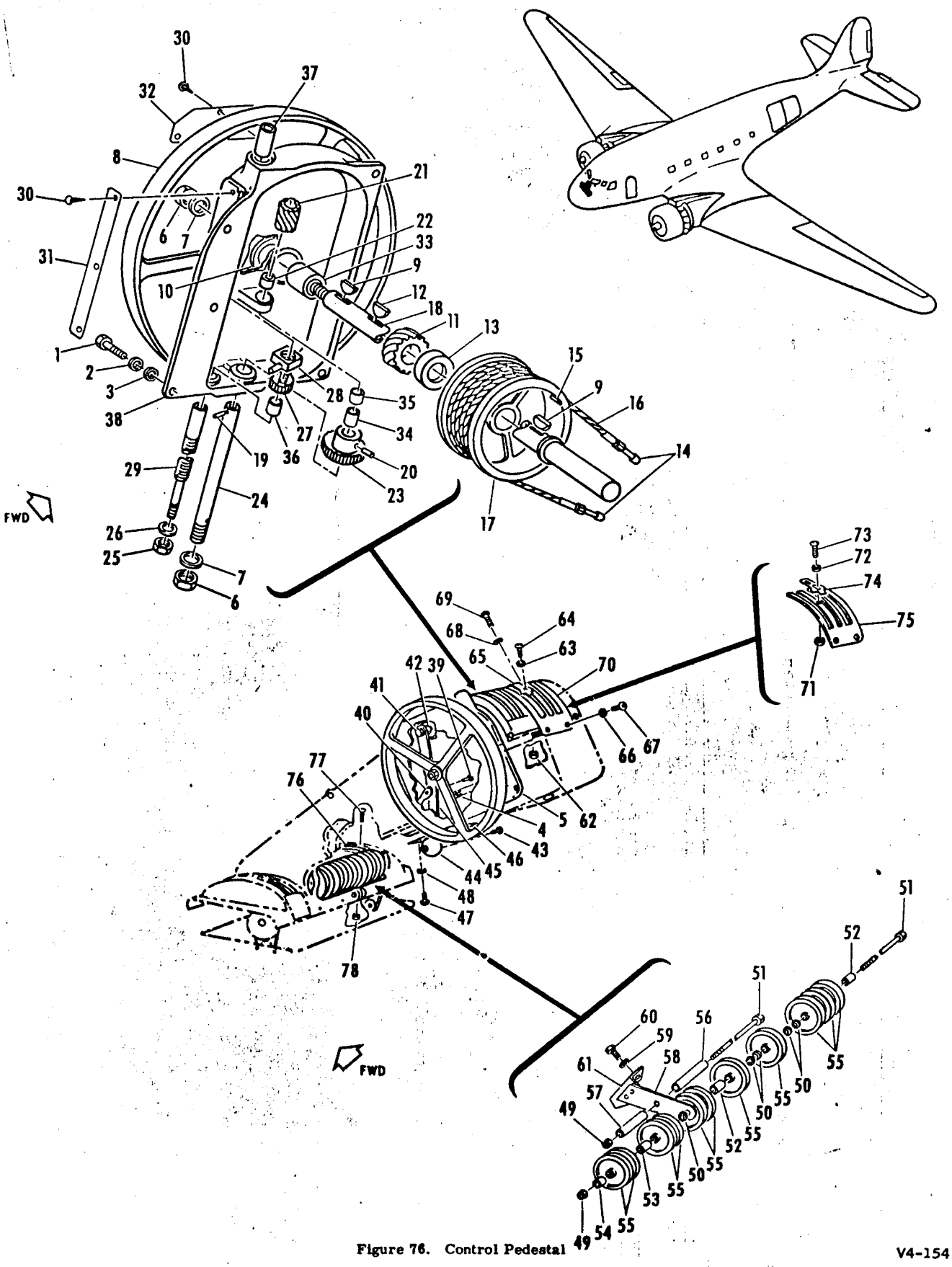

Figure 76. Control Pedestal V4-154

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
76	5115229	PEDESTAL INSTL, CONTROL	1	A
	5324102	PEDESTAL INSTL, CONTROL	1	C
	5115229-2	PEDESTAL ASSY, CONTROL (SEE FIG. 77, 78, 95 AND 96 FOR ADDITIONAL DETAILS)	1	A
	5324102-2	PEDESTAL ASSY, CONTROL (SEE FIG. 77, 78, 95 AND 96 FOR ADDITIONAL DETAILS)	1	C
- 1	AN3-5A	BOLT	4	
- 2	MS35338-43	WASHER, (ALT PN AN935-10)	4	
- 3	S124682-3D7-6	WASHER	4	
- 4	MS21083N3	NUT, (ALT PN AN364-1032)	1	
- 5	5116148	COVER ASSY, CONTROL PEDESTAL HEAD	1	
- 6	MS21044D5	NUT, (ALT PN AN365D524)	2	
- 7	AN960D516	WASHER	2	
- 8	2116127	HANDWHEEL, CONTROL PEDESTAL ELEVATOR TAB (MAKE FROM S2003947)	1	
- 9	MS21261-404	KEY	2	
- 10	AN960-816	WASHER	1	
- 11	H2020L	GEAR, (71041)	1	
- 12	1116213	KEY, ELEVATOR TAB DRUM SHAFT (MAKE FROM MS21261-404)	1	
- 13	1116195	SPACER, CONTROL PEDESTAL ELEVATOR TAB DRUM SHAFT	1	
	3115353	DRUM ASSY, CONTROL PEDESTAL ELEVATOR TAB CONTROL	1	
- 14	MS21260L3RH	TERMINAL, (ALT PN S2049219-16D3R)	2	
- 15	S149455-3-028	PIN, CONTROL CABLE ANCHORING	1	
- 16	3115353-1	CABLE, ELEVATOR TAB CONTROL	1	
- 17	2116126	DRUM, ELEVATOR TAB (MAKE FROM S2003946)	1	
- 18	1116302	SHAFT, CONTROL PEDESTAL ELEVATOR TAB	1	
- 19	S146142-093-016	PIN	1	
- 20	S146142-093-020	PIN	1	
- 21	H2010L	GEAR, (71041)	1	
- 22	1116200	SPACER, CONTROL PEDESTAL ELEVATOR TAB INDICATOR	1	
- 23	1116198	GEAR ASSY, CONTROL PEDESTAL ELEVATOR TAB INDICATOR	1	
- 24	1116201	SHAFT, CONTROL PEDESTAL ELEVATOR TAB INDICATOR	1	
- 25	MS21044D3	NUT, (ALT PN AN365D1032)	1	
- 26	AN960-10	WASHER	1	
- 27	1116199	GEAR, CONTROL PEDESTAL ELEVATOR TAB INDICATOR LEAD SCREW (MAKE FROM G166 (71041))	1	
- 28	1116197	NUT, CONTROL PEDESTAL ELEVATOR TAB INDICATOR	1	
- 29	2116125	SCREW, CONTROL PEDESTAL ELEVATOR TAB INDICATOR LEAD	1	
- 30	MS21318-8	SCREW, (ALT PN AN535-0-3)	6	
- 31	1116196	PLATE, ELEVATOR TAB INDICATOR SCALE	1	
- 32	1116202	PLATE, CONTROL PEDESTAL HANDWHEEL DIRECTIONAL	1	
	4116172	COVER ASSY, CONTROL PEDESTAL	1	
- 33	611C	BUSHING, (SIZE ID TO 0.4995/0.5005 ON INSTL) (71129)	1	
- 34	S116500-5B016	BUSHING, (SIZE ID TO 0.3115/0.3125 ON INSTL)	1	
- 35	S116500-5B010	BUSHING, (SIZE ID TO 0.3115/0.3125 ON INSTL)	1	
- 36	S116500-3B016	BUSHING, (SIZE ID TO 0.1865/0.1875 ON INSTL)	1	
- 37	S116500-6B026	BUSHING, (SIZE ID TO 0.3745/0.3755 ON INSTL)	1	
- 38	4116172-1	COVER, CONTROL PEDESTAL HEAD (MAKE FROM S4003803)	1	
- 39	MS20392-2C9	PIN, (ALT PN AN393-9)	1	
- 40	2118996	CABLE ASSY, TAIL WHEEL LOCKING FORWARD	1	
- 41	AN310-4	NUT	1	
- 42	AN4-10	BOLT	1	
	2116133	LEVER ASSY, TAIL WHEEL LOCKING	1	
- 43	AN507-1032R16	SCREW	1	
- 44	NAS198B125	KNOB ASSY	1	
- 45	2116133-1	LEVER, TAIL WHEEL LOCKING	1	
- 46	1116215	PLATE, TAIL WHEEL LOCKING LEVER STOP (ATTACHING PARTS)	1	
- 47	MS35206-244	SCREW, (ALT PN AN515-8-7)	3	
- 48	MS35338-42	WASHER, (ALT PN AN935-8)	3	
- 49	MS21044N3	NUT, (ALT PN AN365-1032)	2	
- 50	AN960-10L	WASHER	5	
- 51	AN3-55A	BOLT	2	
- 52	NAS43HT3-20	SPACER, (ALT PN S117425-3S010)	2	
- 53	NAS43HT3-42	SPACER, (ALT PN S117425-3S021)	1	
- 54	NAS43HT3-12	SPACER, (ALT PN S117425-3S006)	1	
- 55	MS24566-28	PULLEY, (ALT PN AN210-2A)	11	
- 56	NAS43DD3-184	SPACER, (ALT PN S2033900-4D025-228)	1	
- 57	NAS43DD3-128	SPACER, (ALT PN S2033900-4D025-200)	1	
- 58	1116398	SUPPORT, CONTROL PEDESTAL PULLEY GUARD	1	
- 59	AN960D10	WASHER	2	
- 60	AN3-5A	BOLT	2	
- 61	1116447	SUPPORT ASSY, CONTROL PEDESTAL PULLEY GUARD (MAKE FROM S1081111-124)	1	A
- 62	MS21044N06	NUT, (ALT PN AN365-632)	1	B
- 63	AN960-6	WASHER	1	B
- 64	MS35206-227	SCREW, (ALT AN515-6-5)	2	B
- 65	2207735	STOP, ADJUSTABLE THROTTLE (SEE T.O. 1C-47-29)	1	B
- 66	MS35338-41	WASHER, (ALT PN AN935-6)	4	
- 67	MS35206-227	SCREW, (ALT PN AN515-6-5)	4	
- 68	MS35338-42	WASHER, (ALT PN AN935-8)	2	
- 69	MS35206-242	SCREW, (ALT PN AN515-8-5)	2	
- 70	4116175	PLATE, CONTROL PEDESTAL HEAD COVER	1	A
	4207734	PLATE ASSY, CONTROL PEDESTAL HEAD COVER	1	C
- 71	MS21044N06	NUT, (ALT PN AN365-632)	1	C
- 72	AN960-6	WASHER	2	C

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
76 - 73	MS35206-227	SCREW, (ALT PN AN515-6-5)	1	C
- 74	2207735	STOP, ADJUSTABLE THROTTLE	1	C
- 75	4207734-2	PLATE, CONTROL PEDESTAL HEAD COVER	1	C
- 76	1189570	STOP, RAM CONTROL (DRILL ON INSTL)	1	
		(ATTACHING PARTS)		
- 77	MS35206-230	SCREW, (ALT PN AN515-6-8)	2	
- 78	MS21044N3	NUT, (ALT PN AN365-1032)	2	
		A 001 THRU 541 AND 555 THRU 558		
		B 183 THRU 541		
		C 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

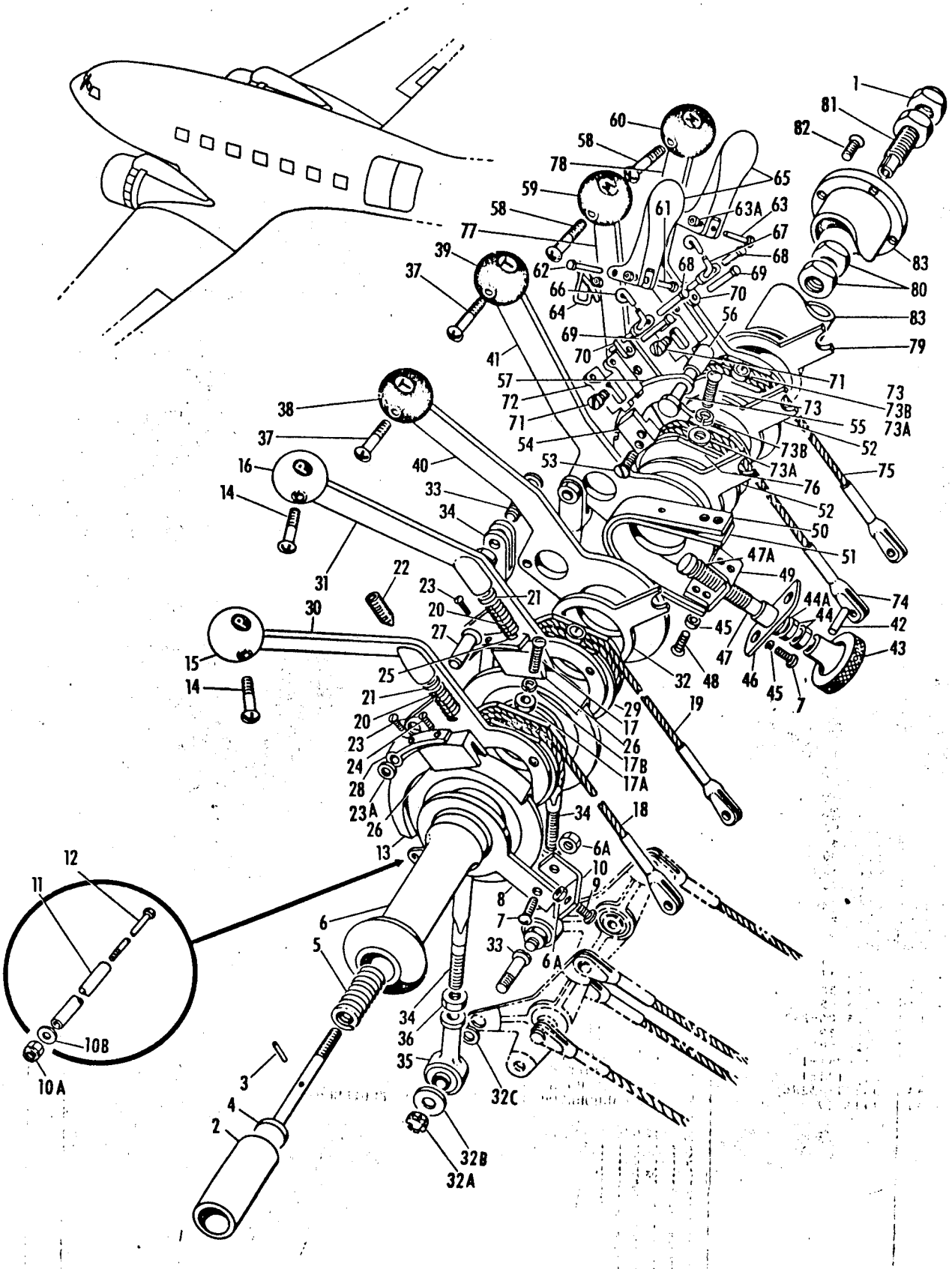

Figure 77. Control Pedestal

V4-171

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
77	5115229-2	PEDESTAL ASSY, CONTROL (SEE FIG. 76 FOR NHA)	REF	A
	5324102-2	PEDESTAL ASSY, CONTROL (SEE FIG. 76 FOR NHA)	REF	B
- 1	MS21044D4	NUT, (ALT PN AN365D428)	1	
	2116404	RETAINER ASSY, PEDESTAL CONTROL UNIT	1	
- 2	1116403	BEARING, ENGINE CONTROL UNIT RETAINER (MAKE FROM 611C (711291)) (SIZE ID TO 0.4995/0.5005 ON INSTL)	1	
- 3	S146142-092-012	PIN	1	
- 4	1116401	SCREW, PEDESTAL CONTROL SPRING ADJUSTING	1	
- 5	1116189	SPRING, CONTROL UNIT	1	
- 6	1116402	RETAINER, PEDESTAL CONTROL UNIT SPRING (MAKE FROM S1073030)	1	
- 6A	MS21044N08	NUT, (ALT PN AN365-832)	2	
- 7	MS35206-245	SCREW, (ALT PN AN515-8-8)	3	
- 8	1131636	SPACER, THROTTLE CONTROL FRICTION (DRILL ON INSTL)	1	
- 9	MS35206-246	SCREW, (ALT PN AN515-8-10)	1	
- 10	1131635	SUPPORT, THROTTLE CONTROL FRICTION SPACER (MAKE FROM S1081111-016) (DRILL ON INSTL)	1	
- 10A	MS21044N3	NUT, (ALT PN AN365-1032)	1	
- 10B	AN960-10	WASHER	1	
- 11	1116232	SPACER, PROPELLER PITCH QUADRANT ANCHOR BOLT	1	
- 12	AN3-60A	BOLT	1	
- 13	2116164	QUADRANT, PROPELLER PITCH CONTROL BRAKE	2	
	4115348	LEVER AND DRUM ASSY, PROPELLER PITCH CONTROL OUTBOARD	1	
	4115349	LEVER AND DRUM ASSY, PROPELLER PITCH CONTROL INBOARD	1	
- 14	S1067507	SCREW, SPECIAL OVAL HEAD 10-32	1	
- 15	1116206-2	KNOB ASSY, PROPELLER PITCH CONTROL HANDLE (OUTBOARD)	1	
- 16	1116206-1	KNOB ASSY, PROPELLER PITCH CONTROL HANDLE (INBOARD)	1	
- 17	MS35206-228	SCREW, (ALT PN AN515-6-6)	1	
- 17A	AN960-9	WASHER, (ALT PN AC940-9)	1	
- 17B	MS35338-41	WASHER, (ALT PN AN935-6)	1	
- 18	4115348-2	CABLE ASSY, PROPELLER PITCH CONTROL OUTBOARD LEVER AND DRUM	1	
- 19	4115349-2	CABLE ASSY, PROPELLER PITCH CONTROL INBOARD LEVER AND DRUM	1	
- 20	1116225	SPRING, PROPELLER PITCH CONTROL BRAKE SHOE PRESSURE	1	
- 21	AN960-4	WASHER	1	
- 22	COML	SCREW, ALLEN CONE POINT SET 1/4-20 X 3/4	1	
- 23	MS35206-242	SCREW, (ALT PN AN515-8-5)	1	
- 23A	AN960-416	WASHER	1	
- 24	4115348-3	SCREW, OUTBOARD LEVER AND DRUM (MAKE FROM MS35206-241)	1	
- 25	4115349-3	SCREW, INBOARD LEVER AND DRUM (MAKE FROM MS35206-241)	1	
- 26	1116246	SHOE, PROPELLER PITCH CONTROL BRAKE	1	
- 27	MS20392-3C15	PIN, (ALT PN AN394-15)	1	
- 28	1116224	HINGE ASSY, PROPELLER PITCH CONTROL BRAKE SHOE	1	
- 29	2116132	DRUM, SUPERCHARGER AND PROPELLER PITCH CONTROL CABLE	1	
- 30	4116174	LEVER ASSY, PROPELLER PITCH CONTROL OUTBOARD	1	
- 31	4116173	LEVER ASSY, PROPELLER PITCH CONTROL INBOARD	1	
- 32	2116131-1	SPACER, THROTTLE CONTROL FRICTION	1	
- 32A	AN320-3	NUT	2	
- 32B	S1035349	WASHER, CONTROL ROD END	2	
- 32C	AN960-10L	WASHER	2	
- 33	AN23-14	BOLT	2	
- 34	2116168	ROD ASSY, THROTTLE	2	
- 35	REB3N	END, ROD (21335)	1	
- 36	AN316-4R	NUT	1	
	2116134	LEVER ASSY, ENGINE CONTROL THROTTLE LH	1	
	2116134-1	LEVER ASSY, ENGINE CONTROL THROTTLE RH	1	
- 37	S1067507	SCREW, SPECIAL OVAL HEAD 10-32	1	
- 38	1116207	KNOB ASSY, THROTTLE CONTROL HANDLE LH	1	
- 39	1116207-1	KNOB ASSY, THROTTLE CONTROL HANDLE RH	1	
- 40	2116134-6	LEVER ASSY, ENGINE CONTROL THROTTLE LH (WELDED)	1	
- 41	2116134-5	LEVER ASSY, ENGINE CONTROL THROTTLE RH (WELDED)	1	
- 42	S146142-095-020	PIN	1	
- 43	1131798	KNOB, THROTTLE BRAKE ADJUSTING	1	
- 44	AN316-5	NUT	2	
- 44A	AN960-516	WASHER	1	
- 45	MS35338-42	WASHER, (ALT PN AN935-8)	6	
- 46	1116237	BUSHING, THROTTLE BRAKE	1	
- 47	1116238	BOLT, THROTTLE BRAKE ADJUSTING	1	
- 47A	AN955-5	WASHER	1	
- 48	MS35206-242	SCREW, (ALT PN AN515-8-5)	4	
- 49	1116239	CLIP, THROTTLE LEVER BRAKE BAND	1	
- 50	1116240	BAND, THROTTLE BRAKE REINFORCING	1	
- 51	1116241-1	LINING, THROTTLE BRAKE	1	
- 52	2116131-1	SPACER, THROTTLE CONTROL FRICTION	2	
- 53	AN507-632R6	SCREW, (ALT PN S1087510-6-6)	4	
- 54	1116209	GUIDE, CARBURETOR MIXTURE CONTROL EQUIPMENT	2	

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
77	CONTINUED			
- 55	AN4-12A	BOLT		
- 56	NAS43HT4-36	SPACER, (ALT PN S117425-4S018)	2	
- 57	1114530	QUADRANT, AUTOMATIC MIXTURE CONTROL	2	
	4115346	LEVER ASSY, CARBURETOR MIXTURE CONTROL INBOARD	2	
	4115347	LEVER ASSY, CARBURETOR MIXTURE CONTROL OUTBOARD	1	
- 58	S1067507	SCREW, SPECIAL OVAL HEAD 10-32	1	
- 59	1116231	KNOB ASSY, CARBURETOR MIXTURE CONTROL OUTBOARD HANDLE	1	
- 60	1116229	KNOB ASSY, CARBURETOR MIXTURE CONTROL INBOARD HANDLE	1	
- 61	MS20392-1C15	PIN, (ALT PN AN392-15) (INBOARD)	1	
- 62	MS20392-1C17	PIN, (ALT PN AN392-17) (INBOARD)	1	
- 63	MS20392-1C17	PIN, (OUTBOARD)	1	
- 63A	AN960-4	WASHER	2	
- 64	49A12075	SPRING, CARBURETOR MIXTURE CONTROL LEVER LATCH	2	
- 65	2116137	LEVER, CARBURETOR MIXTURE CONTROL LATCH	1	
- 66	1116210	LINK, CARBURETOR MIXTURE CONTROL LATCH INBOARD	1	
- 67	1116211	LINK, CARBURETOR MIXTURE CONTROL LATCH OUTBOARD	1	
- 68	MS20392-1C27	PIN, (ALT PN AN392-27)	1	
- 69	MS20392-1C23	PIN, (ALT PN AN392-23)	1	
- 70	1116217	CONNECTOR, CARBURETOR MIXTURE CONTROL LATCH	1	
- 71	1116218	SCREW, CARBURETOR MIXTURE CONTROL LATCH	4	
- 72	1116233	LATCH, CARBURETOR MIXTURE CONTROL	1	
- 73	MS35206-228	SCREW, (ALT PN AN515-6-6)	1	
- 73A	AN960-9	WASHER	1	
- 73B	MS35338-41	WASHER, (ALT PN AN935-6)	1	
- 74	4115346-2	CABLE ASSY, CARBURETOR MIXTURE CONTROL INBOARD LEVER	1	
- 75	4115347-2	CABLE ASSY, CARBURETOR MIXTURE CONTROL OUTBOARD LEVER	1	
- 76	2116132	DRUM, SUPERCHARGER AND PROPELLER PITCH CONTROL CABLE	1	
- 77	2116136	LEVER ASSY, CARBURETOR AIR TEMPERATURE CONTROL HAND INBOARD	1	
- 78	2116135	LEVER ASSY, CARBURETOR AIR TEMPERATURE CONTROL HAND OUTBOARD	1	
- 79	2116131-2	SPACER, THROTTLE CONTROL FRICTION	1	
- 80	AN316-8R	NUT	1	
- 81	1116188	STUD, THROTTLE CONTROL SPRING	2	
- 82	AN507-832R6	SCREW, (ALT PN S1087510-8-6)	1	
- 83	2116130	DRUM, ENGINE CONTROL CARRIER	4	
			1	
		A 001 THRU 541 AND 555 THRU 558		
		B 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

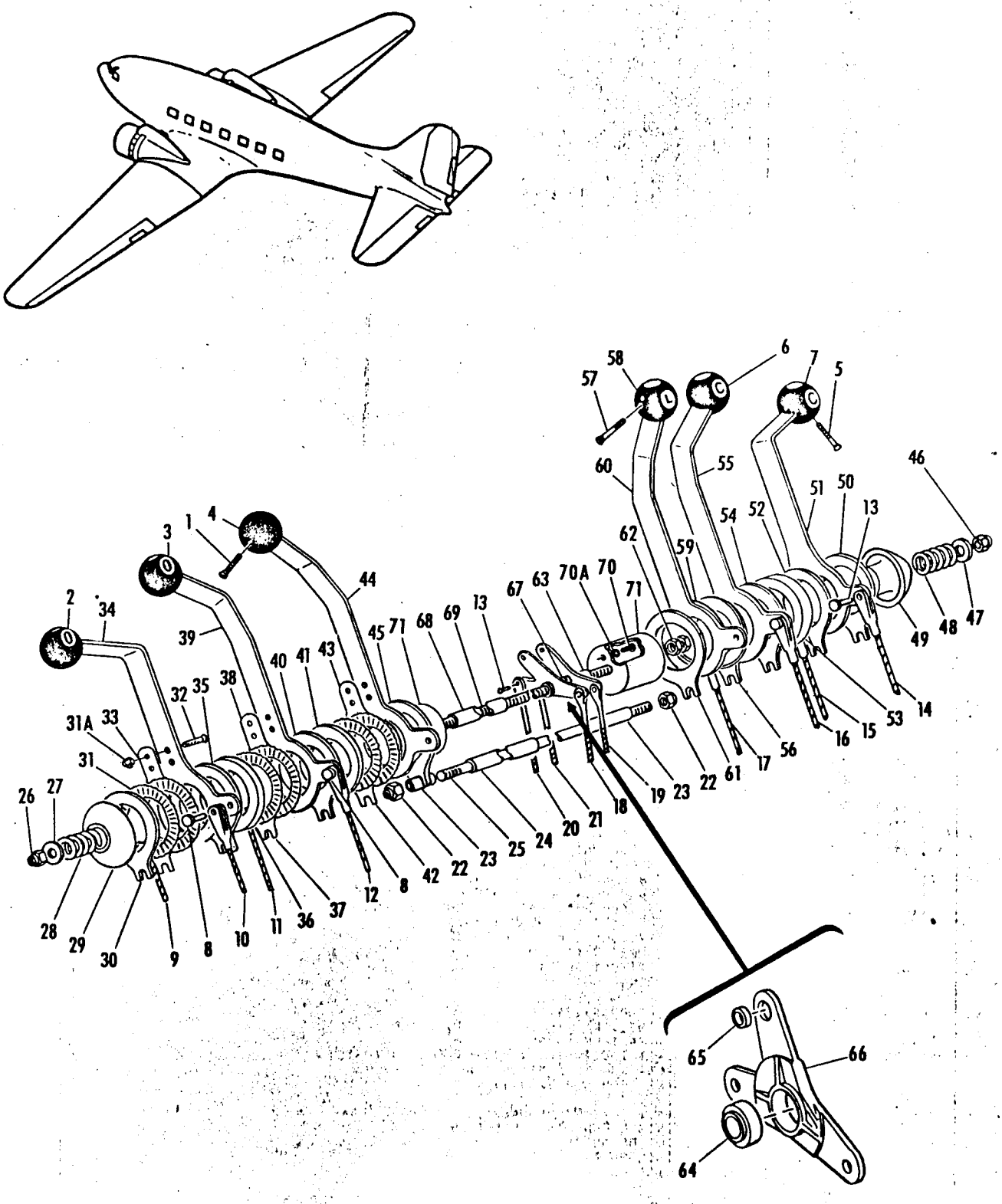

Figure 78. Control Pedestal

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FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
78	5115229-2	PEDESTAL ASSY, CONTROL (SEE FIG. 76 FOR NHA)		
	5324102-2	PEDESTAL ASSY, CONTROL (SEE FIG. 76 FOR NHA)	REF	AB
- 1	S1067507	SCREW, SPECIAL OVAL HEAD 10-32	REF	C
- 2	1116208	KNOB ASSY, OIL TEMPERATURE CONTROL OUTBOARD HANDLE	3	A
- 3	1119971	KNOB ASSY, OIL TEMPERATURE CONTROL INBOARD HANDLE	1	A
- 4	S2062606-2B3B125	KNOB ASSY, LEVER	1	A
- 5	S1067507	SCREW, SPECIAL OVAL HEAD 10-32	1	A
- 6	1116227	KNOB ASSY, CARBURETOR AIR CONTROL INBOARD HANDLE	2	
- 7	1116228	KNOB ASSY, CARBURETOR AIR CONTROL OUTBOARD HANDLE	1	
- 8	MS20392-2C9	PIN, (ALT PN AN393-9)	1	
- 9	2115277-12	CABLE ASSY, CONTROL PEDESTAL LH OIL COOLER	4	A
- 10	2115277-10	CABLE ASSY, CONTROL PEDESTAL LH OIL COOLER	1	A
- 11	2115277-16	CABLE ASSY, CONTROL PEDESTAL RH OIL COOLER	1	A
- 12	2115277-14	CABLE ASSY, CONTROL PEDESTAL RH OIL COOLER	1	A
- 13	MS20392-2C9	PIN, (ALT PN AN393-9)	1	A
- 14	2115277-22	CABLE ASSY, CONTROL PEDESTAL RH CARBURETOR	8	
- 15	2115277-24	CABLE ASSY, CONTROL PEDESTAL RH CARBURETOR	1	
- 16	2115277-18	CABLE ASSY, CONTROL PEDESTAL LH CARBURETOR	1	
- 17	2115277-20	CABLE ASSY, CONTROL PEDESTAL LH CARBURETOR	1	
- 18	2115277-2	CABLE ASSY, CONTROL PEDESTAL LH THROTTLE	1	
- 19	2115277-6	CABLE ASSY, CONTROL PEDESTAL RH THROTTLE	1	
- 20	2115277-4	CABLE ASSY, CONTROL PEDESTAL LH THROTTLE	1	
- 21	2115277-8	CABLE ASSY, CONTROL PEDESTAL RH THROTTLE	1	
- 22	MS21044N4	NUT, (ALT PN AN365-428)	1	
- 23	NAS43HT4-88	SPACER, (ALT PN S2033900-5D025-112)	2	
- 24	NAS43HT4-336	SPACER, (ALT PN S117425-04S508)	2	
- 25	2116139	ROD, CONTROL PEDESTAL FRICTION SPACER CONTROL	1	
- 26	MS21044N4	NUT, (ALT PN AN365-428)	1	
- 27	AN960-416	WASHER, (ALT PN AC940-416)	1	A
- 28	1116189	SPRING, CONTROL UNIT	1	A
- 29	1116190	RETAINER, CONTROL UNIT SPRING (MAKE FROM S140405)	1	A
- 30	S119173-1	WASHER, CONTROL UNIT SPECIAL	1	A
- 31	1116192	WASHER, CONTROL UNIT LEVER ADJUSTING	1	A
- 31A	MS21044N06	NUT, (ALT PN AN365-632)	1	A
- 32	AN507-632R6	SCREW, (ALT PN S1087510-6-6)	6	A
- 33	1116191	PLATE, CONTROL UNIT LEVER ADJUSTING	6	A
- 34	2116162	LEVER, CONTROL PEDESTAL OUTBOARD LH	1	A
- 35	S119173-2	WASHER, CONTROL UNIT SPECIAL	1	A
- 36	S119174-4	SPACER, CONTROL UNIT LEVER	1	A
- 37	1116192	WASHER, CONTROL UNIT LEVER ADJUSTING	•1	A
- 38	1116191	PLATE, CONTROL UNIT LEVER ADJUSTING	1	A
- 39	2116161	LEVER, CONTROL PEDESTAL CENTER LH	1	A
- 40	S119173-2	WASHER, CONTROL UNIT SPECIAL	1	A
- 41	S119174-4	SPACER, CONTROL UNIT LEVER	1	A
- 42	1116192	WASHER, CONTROL UNIT LEVER ADJUSTING	1	A
- 43	1116191	PLATE, CONTROL UNIT LEVER ADJUSTING	1	A
- 44	2116163	LEVER, CONTROL PEDESTAL INBOARD LH	1	A
- 45	S119173-2	WASHER, CONTROL UNIT SPECIAL	1	A
- 46	MS21044N4	NUT, (ALT PN AN365-428)	3	A
- 47	S124682-4S14-5	WASHER	1	
- 48	1116189	SPRING, CONTROL UNIT	1	
- 49	1116190	RETAINER, CONTROL UNIT SPRING (MAKE FROM S140405)	1	
- 50	S119173-1	WASHER, CONTROL UNIT SPECIAL	1	
- 51	2116162-1	LEVER, CONTROL PEDESTAL OUTBOARD RH	1	
- 52	S119173-2	WASHER, CONTROL UNIT SPECIAL	1	
- 53	S119174	SPACER, CONTROL UNIT LEVER	1	
- 54	S119173-2	WASHER, CONTROL UNIT SPECIAL	1	
- 55	2116161-1	LEVER, CONTROL PEDESTAL CENTER RH	1	
- 56	1116234	CAM ASSY, CARBURETOR AIR CONTROL STATIONARY LOCKING	1	
	2116167	LEVER ASSY, CARBURETOR AIR CONTROL LOCKING	1	
- 57	S1067507	SCREW, SPECIAL OVAL HEAD 10-32	1	
- 58	1116230	KNOB ASSY, LOCK CONTROL HANDLE	1	
- 59	2116166	CAM, CARBURETOR AIR CONTROL LOCKING LEVER	1	
- 60	2116163-1	LEVER, CONTROL PEDESTAL INBOARD RH	1	
- 61	S119173	WASHER, CONTROL UNIT SPECIAL	1	
- 62	AN316-4R	NUT	1	
- 63	NAS43HT4-90	SPACER, (ALT PN S117425-4S113)	4	
	2116128	BELLCRANK ASSY, ENGINE CONTROL THROTTLE LEVER	1	
- 64	MS20200KP4	BEARING, (ALT PN AN200K4)	2	
- 65	S116500-3C004	BUSHING, (SIZE ID TO 0.1870/0.1880 ON INSTL)	1	
- 66	2116128-1	BELLCRANK, ENGINE CONTROL THROTTLE LEVER (MAKE FROM S2004249-1)	1	
- 67	AN960-416L	WASHER	1	
- 68	NAS43HT4-178	SPACER, (ALT PN S117425-04S225)	3	
- 69	2116140	SHAFT, CONTROL PEDESTAL BELLCRANK	1	
- 70	MS35206-229	SCREW, (ALT PN AN515-6-7)	1	
- 70A	MS35338-41	WASHER, (ALT PN AN935-6)	2	
- 71	1116176	DRUM, ENGINE CONTROL	2	
			2	

A 001 THRU 175, 178 THRU 452, 528 THRU 538 AND 555 THRU 558
B 176, 177, 453 THRU 527 AND 539 THRU 541
C 542 THRU 554

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

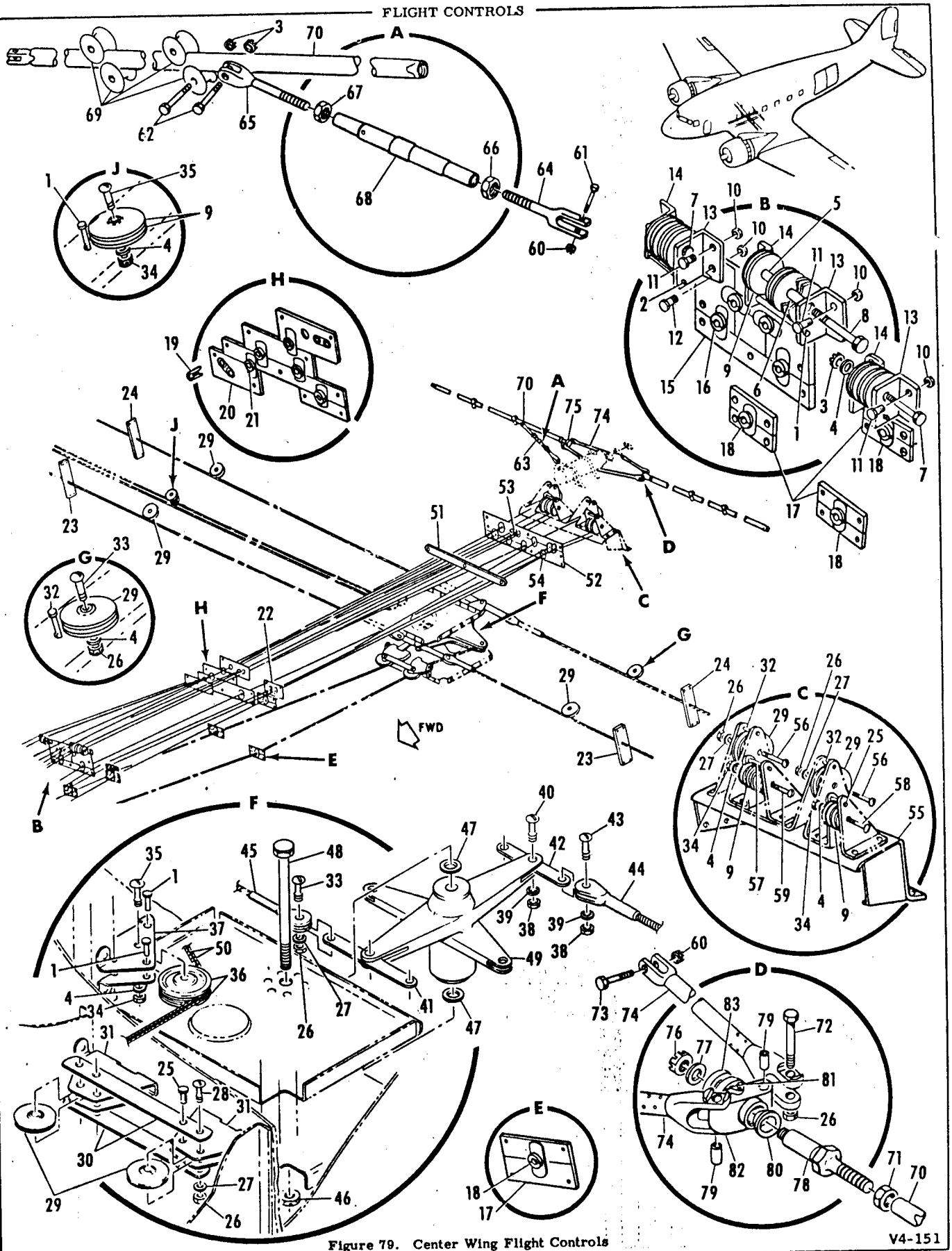

Figure 79. Center Wing Flight Controls

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
79	5110520	CONTROL INSTL, CENTER WING FLIGHT (SEE FIG. 6A FOR NHA)	REF	
- 1	S143358-202A	PIN, PULLEY GUARD	5	
- 2	S143358-023A	PIN, PULLEY GUARD	2	
- 3	AN310-3	NUT	19	
- 4	AN960D10	WASHER	19	
- 5	NAS43HT3-50	SHAGER, (ALT PN S117425-3D025)	1	
- 6	NAS43HT3-16	SHAGER, (ALT PN S117425-3D008)	1	
- 7	AN3-11	BOLT	2	
- 8	AN3-23	BOLT	1	
- 9	MS24566-1B	PULLEY, (ALT PN AN210-1A)	14	
- 10	MS21044N3	NUT, (ALT PN AN365-1032)	12	
- 11	AN3-4A	BOLT	11	
- 12	AN3-6A	BOLT	1	
- 13	1118090	BRACKET, FRONT SPAR TAB CABLE OUTER PULLEY LH	3	
- 14	1118090-1	BRACKET, FRONT SPAR TAB CABLE OUTER PULLEY RH	3	
- 15	2119187	FAIRLEAD ASSY, FRONT SPAR CONTROL CABLE	1	
- 16	S1072388-8	GROMMET, MOULDED COMPOSITION FAIRLEAD	10	
- 17	1118073	FAIRLEAD ASSY, AILERON AND RUDDER CONTROL CABLE	6	
- 18	S1072388-8	GROMMET, MOULDED COMPOSITION FAIRLEAD	2	
- 19	1110293	GROMMET, ENGINE CONTROL FAIRLEAD	14	
- 20	2119188	FAIRLEAD ASSY, CENTER SPAR CONTROL CABLE	1	
- 21	S1072388-8	GROMMET, MOULDED COMPOSITION FAIRLEAD	10	
- 22	1118071	FAIRLEAD, RUDDER TAB CABLE STA 258	1	
- 23	1118199	FAIRLEAD, AILERON CABLE FORWARD	2	
- 24	1118169	FAIRLEAD, OUTER WING AFT AILERON CABLE	2	
- 25	S143358-024A	PIN, PULLEY GUARD	3	
- 26	AN320-4	NUT	9	
- 27	AN960D416	WASHER	8	
- 28	AN24-17	BOLT	2	
- 29	MS24566-3A	PULLEY, (ALT PN AN210-3A)	8	
- 30	1119115	STRAP, AILERON PULLEY BRACKET	2	
- 31	1118487	BRACKET, REAR SPAR AILERON CABLE PULLEY	2	
- 32	S143358-020A	PIN, PULLEY GUARD	6	
- 33	AN24-15	BOLT	4	
- 34	AN320-3	NUT	5	
- 35	AN23-16	BOLT	1	
- 36	MS24566-2B	PULLEY, (ALT PN AN210-2A)	2	
- 37	2118497	BRACKET, AILERON TAB CABLE PULLEY	1	
- 38	AN320-5	NUT	6	
- 39	AN960D516	WASHER	6	
- 40	AN25-17	BOLT	2	
- 41	1112765	LINK, AILERON CABLE CONNECTOR FRONT	1	
- 42	1112764	LINK, AILERON CABLE CONNECTOR REAR	1	
- 43	AN25-14	BOLT	4	
- 44	S2074410FH16720	CABLE ASSY, SWAGED TYPE	2	
- 45	S2074410FH16620	CABLE ASSY, SWAGED TYPE	2	
- 46	AN310-6	NUT	1	
- 47	AN960-616	WASHER	2	
- 48	AN6-45	BOLT	1	
- 49	4117386	HORN ASSY, AILERON CONTROL DIFFERENTIAL MASTER	1	
- 50	S2074406CD28616	CABLE ASSY, SWAGED TYPE	2	
- 51	1131013	STRIP, CENTER WING CONTROL RUB	1	
- 52	2118074	FAIRLEAD ASSY, CONTROL CABLE WING CUTOUT COVER	1	
- 53	S1072388-4	GROMMET, MOULDED COMPOSITION FAIRLEAD	10	
- 54	S1072388-8	GROMMET, MOULDED COMPOSITION FAIRLEAD	12	
- 55	2118598	BRACKET, PULLEY BRACKET SUPPORTING STA 333	1	
- 56	AN24-15	BOLT	2	
- 57	S143358-102A	PIN, PULLEY GUARD	1	
- 58	AN23-17	BOLT	1	
- 59	AN23-21	BOLT	1	
- 60	AN310-4	NUT	8	
- 61	AN4-7	BOLT	8	
- 62	AN3-12	BOLT	16	
- 63	2118498	TURNBUCKLE ASSY, WING FLAP OPERATING	8	
- 64	1118529	CLEVIS, WING FLAP OPERATING	1	
- 65	1118528	LINK, WING FLAP OPERATING	1	
- 66	AN316-5R	NUT	1	
- 67	AN316-5L	NUT	1	
- 68	1118496	BARREL, WING FLAP (MAKE FROM MS21251B6L)	1	
- 69	1118493	ROLLER, FLAP OPERATING TUBE LOWER	8	
- 70	63D43088	TUBE ASSY, WING CENTER SECTION FLAP OPERATING (USE PN 2118500 UNTIL EXHAUSTED)	1	
- 71	AN316-8R	NUT	2	
- 72	S111904-4-202B	BOLT, SHEAR OR BEARING	4	
- 73	AN4-13	BOLT	4	
- 74	2118499	TUBE ASSY, WING FLAP MECHANISM LINK	4	
- 75	1118489	BEARING ASSY, WING FLAP MECHANISM LINK ATTACH	2	
- 76	AN320-8	NUT	1	
- 77	1118488	WASHER, FLAP OPERATING TUBE THRUST BEARING	1	
- 78	1118594	SCREW, FLAT OPERATING MECHANISM TUBE ATTACH	1	
	1118527	SUPPORT ASSY, FLAP MECHANISM LINK ATTACH	1	
- 79	S116500-4C015	BUSHING, (SIZE ID TO 0.2495/0.2505 ON INSTL)	4	
- 80	1118552	BUSHING, FLAP MECHANISM LINK SUPPORT (SIZE ID TO 0.6870/0.6880 ON INSTL)	1	
- 81	AN286-4	LUBRICATOR, (95879)	1	
- 82	1118527-1	SUPPORT, FLAP MECHANISM LINK ATTACH (MAKE FROM S134019)	1	
- 83	N1803	BEARING, (21335)	1	

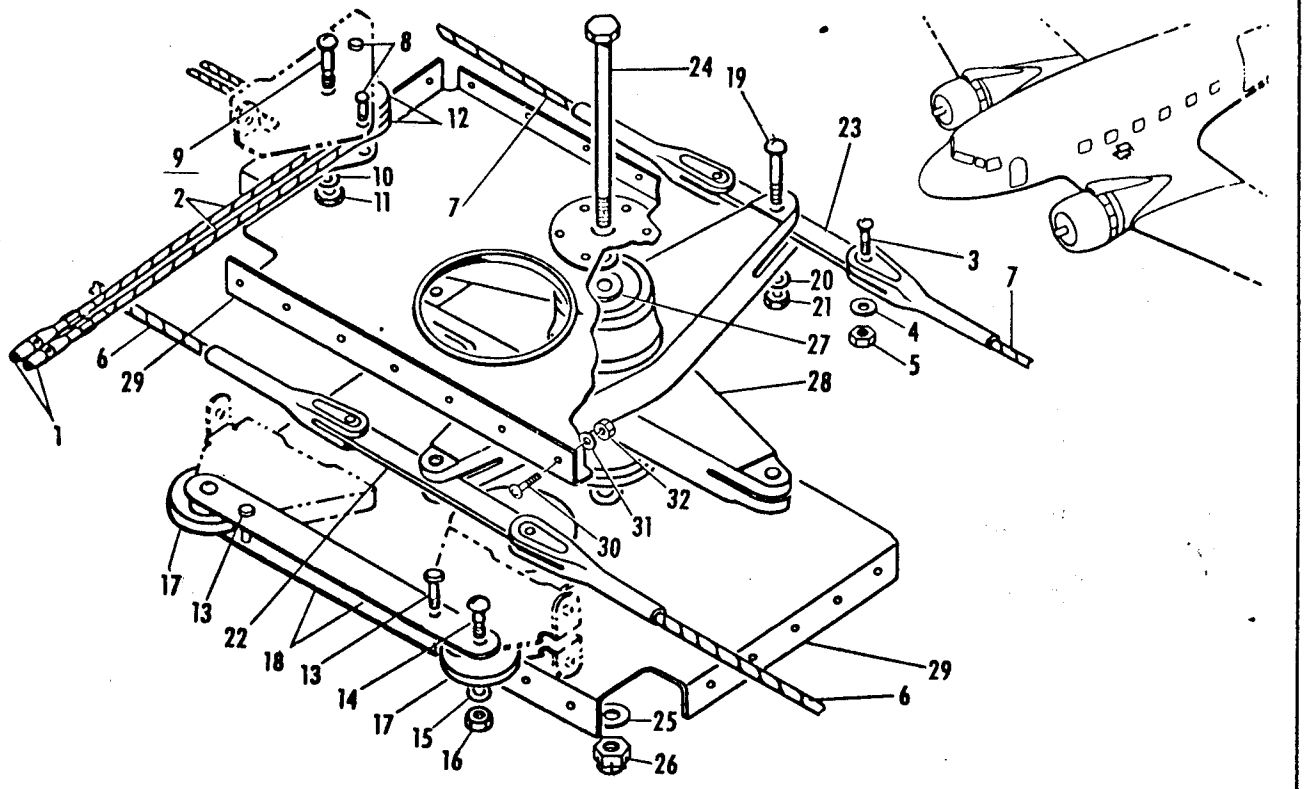

Figure 80. Center Wing Flight Controls

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
80	5110520	CONTROL INSTL, CENTER WING FLIGHT (SEE FIG. 6A FOR NHA)	REF	
- 1	MS21251B2S	TURNBUCKLE BODY, (ALT PN AN155-8S)	4	
- 2	S2074406CD28616	CABLE ASSY, SWAGED TYPE 1/16 IN. DIAMETER	2	
- 3	AN25-14	BOLT	4	
- 4	AN960-516	WASHER	4	
- 5	AN320-5	NUT	4	
- 6	S2074410FH16720	CABLE ASSY, SWAGED TYPE 3/16 IN. DIAMETER	2	
- 7	S2074410FH16620	CABLE ASSY, SWAGED TYPE 3/16 IN. DIAMETER	2	
- 8	NAS427K023	PIN, (ALT PN S143358-023A)	2	
- 9	AN23-16	BOLT	1	
- 10	AN960D10	WASHER	1	
- 11	AN320-3	NUT	1	
- 12	MS24566-2B	PULLEY, (ALT PN AN210-2A)	2	
- 13	NAS427K024	PIN, (ALT PN S143358-024A)	2	
- 14	AN24-17	BOLT	2	
- 15	AN960D416	WASHER	2	
- 16	AN320-4	NUT	2	
- 17	MS24566-3B	PULLEY, (ALT PN AN210-3A)	2	
- 18	1119115	STRAP, AILERON PULLEY BRACKET	2	
- 19	AN25-17	BOLT	2	
- 20	AN960D516	WASHER	2	
- 21	AN320-5	NUT	2	
- 22	1112765	LINK, AILERON CABLE CONNECTOR FRONT	1	
- 23	1112764	LINK, AILERON CABLE CONNECTOR REAR	1	
- 24	AN6-45	BOLT	1	
- 25	AN960-616	WASHER	2	
- 26	AN310-6	NUT	1	
	4117386	HORN ASSY, AILERON CONTROL DIFFERENTIAL MASTER	1	
- 27	X107	BEARING, (28955) (ALT PN 200-0D6 (21335))	2	
- 28	4117386-2	HORN, AILERON CONTROL DIFFERENTIAL MASTER (MAKE FROM S431704)	1	
- 29	2118593	BRACKET ASSY, AILERON MASTER HORN (ATTACHING PARTS)	2	
- 30	MS35207-263	SCREW, (ALT PN AN520-10-8)	34	
- 31	AN960D10	WASHER	34	
- 32	MS21044N3	NUT, (ALT PN AN365-1032)	34	

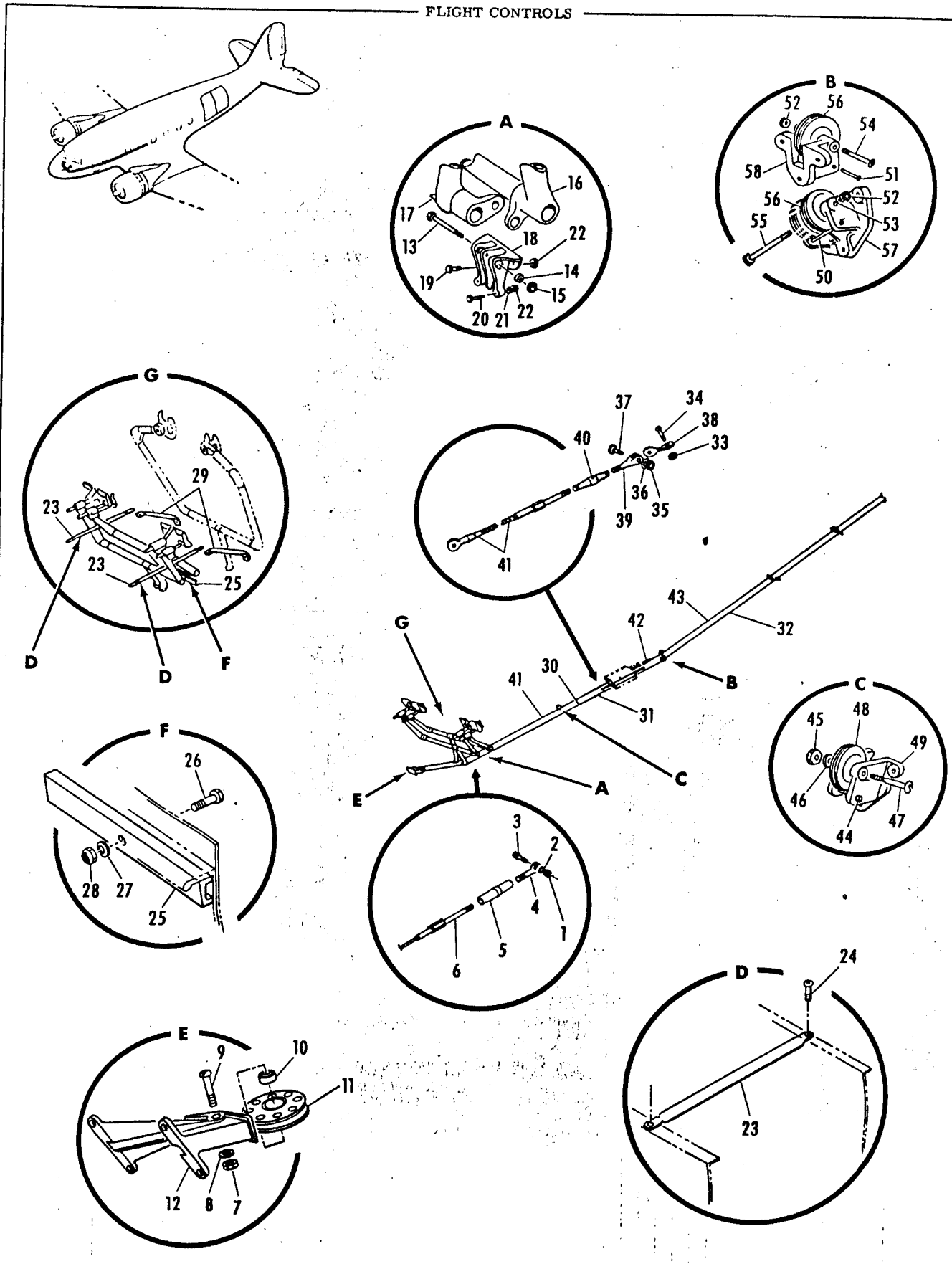

Figure 81. Rudder Flight Controls

V4-158

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
81		RUDDER FLIGHT CONTROLS		
	5110547	CONTROL INSTL, FUSELAGE FLIGHT (SEE FIG. 16 FOR NHA)	REF	A
	5189195	CONTROL INSTL, FUSELAGE FLIGHT (SEE FIG. 16 FOR NHA)	REF	B
- 1	AN320-5	NUT	4	
- 2	AN960D516	WASHER	4	
- 3	AN25-18	BOLT	4	
- 4	MS21254-6RS	EYE, (ALT PN AN165-46S)	4	
- 5	MS21251B6S	BARREL, (ALT PN AN155-46S)	1	
- 6	S2074410CG3412	CABLE ASSY, SWAGED TYPE 3/16 IN. DIAMETER (RUDDER BUS)	1	
- 7	AN320-6	NUT	1	
- 8	AN960D616	WASHER	1	
- 9	AN26-28	BOLT	1	
	2118306	PULLEY ASSY, RUDDER BUS CABLE	1	
- 10	MS20200KP6	BEARING, (ALT PN AN200K6)	1	
- 11	2118306-1	PULLEY, RUDDER BUS CABLE (MAKE FROM S2005358-1)	1	
- 12	4118316	BRACKET, RUDDER BUS CABLE PULLEY (MAKE FROM S4005372)	1	
- 13	AN6-34	BOLT	1	
- 14	S131079	BUSHING, RUDDER BEARING PEDAL ADJUST	2	
- 15	AN310-6	NUT	4	
- 16	5116727	PEDAL ASSY, LEFT RUDDER (SEE FIG. 85 FOR DETAILS)	2	
- 17	5116728	PEDAL ASSY, RIGHT RUDDER (SEE FIG. 85 FOR DETAILS)	1	
- 18	2118304	BRACKET, RUDDER PEDAL SUPPORT (MAKE FROM S231083)	1	
		(ATTACHING PARTS)	2	
- 19	AN3-10A	BOLT		
- 20	AN3-12A	BOLT	4	
- 21	AN960-10	WASHER	4	
- 22	MS21044N3	NUT, (ALT PN AN365-1032)	8	
			8	
- 23	1118289	TUBE ASSY, SUPPORT		
		(ATTACHING PARTS)	2	
- 24	MS35206-243	SCREW, (ALT PN AN515-8-6)	4	
- 25	1116477	SUPPORT, RUDDER HORN BUMPER (MAKE FROM S1116276-626)	1	
		(ATTACHING PARTS)		
- 26	AN3-11A	BOLT		
- 27	AN960D10	WASHER	1	
- 28	MS21044N3	NUT, (ALT PN AN365-1032)	1	
			1	
- 29	1118290	STIFFENER ASSY, PULLEY BRACKET		
- 30	S2074410FG5712	CABLE ASSY, SWAGED TYPE 3/16 IN. DIAMETER (LH RUDDER)	2	
- 31	MS21251B6L	BARREL, (ALT PN AN155-46L)	1	
- 32	S2074410EE53024	CABLE ASSY, SWAGED TYPE 3/16 IN. DIAMETER (LH RUDDER)	2	
- 33	AN320-4	NUT	1	
- 34	AN24-12	BOLT	2	
- 35	AN320-5	NUT	2	
- 36	AN960-516	WASHER	2	
- 37	AN25-14	BOLT	2	
- 38	S1111904	LINK, TURNBUCKLE CONNECTING	2	
- 39	MS21252-6RS	EYE, (ALT PN AN160-46S)	2	
- 40	MS21251B6S	BARREL, (ALT PN AN155-46S)	2	
- 41	S2074410CG5024	CABLE ASSY, SWAGED TYPE 3/16 IN. DIAMETER (RH RUDDER)	1	
- 42	MS21251B6L	BARREL, (ALT PN AN155-46L)	1	
- 43	S2074410CE50404	CABLE ASSY, SWAGED TYPE 3/16 IN. DIAMETER (RH RUDDER)	1	
- 44	S143358-103A	PIN, PULLEY GUARD	1	
- 45	AN320-4	NUT	1	
- 46	AN960D416	WASHER	1	
- 47	AN24-23	BOLT	1	
- 48	MS24566-3B	PULLEY, (ALT PN AN210-3A)	1	
- 49	2117141	BRACKET, PULLEY STA 76	1	
- 50	S143358-200A	PIN, PULLEY GUARD LH	1	
- 51	S143358-103A	PIN, PULLEY GUARD RH	1	
- 52	AN320-4	NUT	1	
- 53	AN960D10	WASHER	2	
- 54	AN24-24	BOLT	1	
- 55	AN24-38	BOLT	1	
- 56	MS24566-3B	PULLEY, (ALT PN AN210-3A)	1	
- 57	1117091	BRACKET, DOUBLE PULLEY STA 136	2	
- 58	2117141	BRACKET, PULLEY STA 136	1	
			1	
		A 001 THRU 541 AND 555 THRU 558		
		B 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

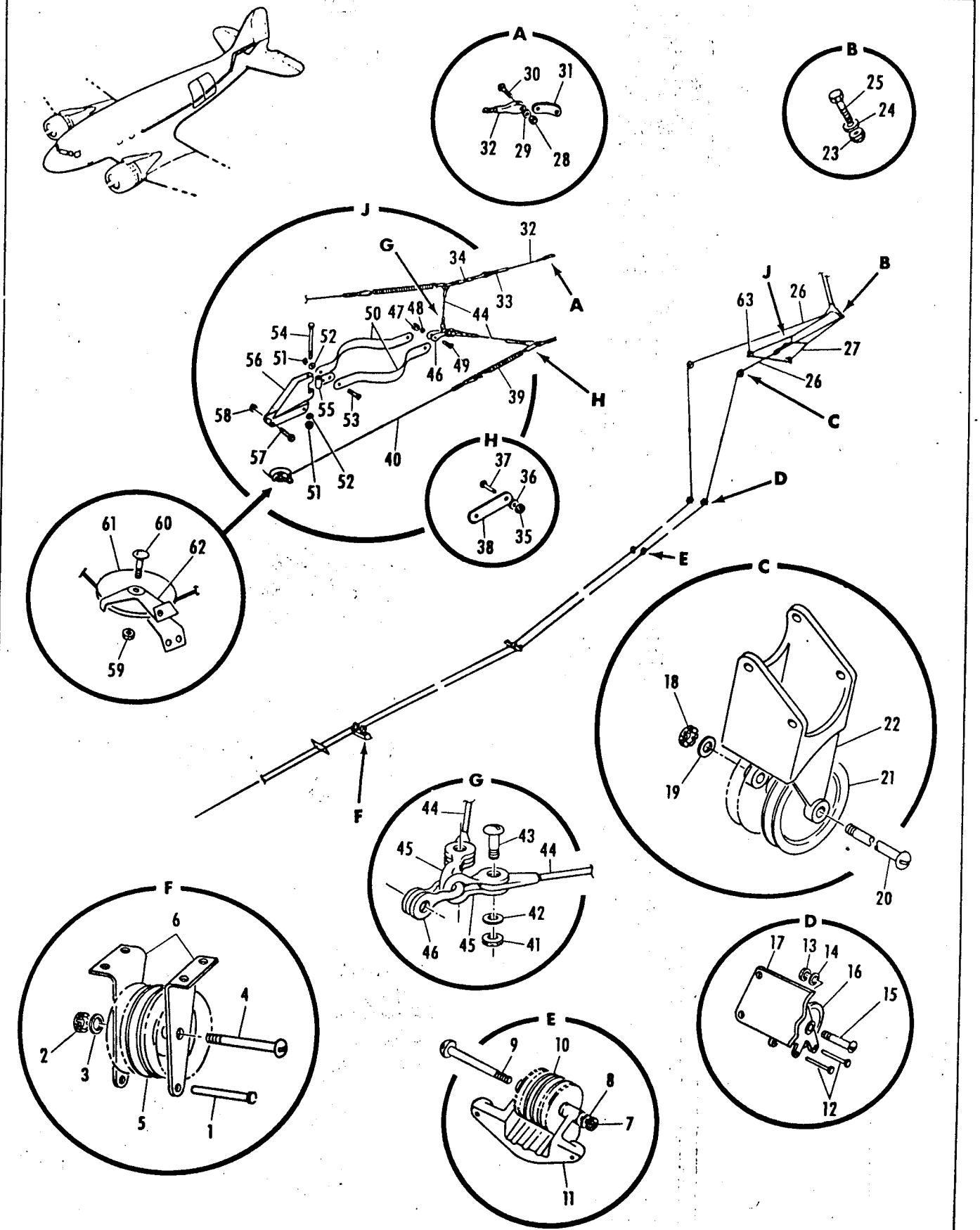

Figure 81A. Rudder Flight Controls

V4-159

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
81A		RUDDER FLIGHT CONTROLS		
	5110547	CONTROL INSTL, FUSELAGE FLIGHT (SEE FIG. 16 FOR NHA)	REF	A
	5189195	CONTROL INSTL, FUSELAGE FLIGHT (SEE FIG. 16 FOR NHA)	REF	B
- 1	S143358-119A	PIN, PULLEY GUARD	2	
- 2	AN320-4	NUT	2	
- 3	AN960D416	WASHER	2	
- 4	AN24-30	BOLT	2	
- 5	MS24566-3B	PULLEY, (ALT PN AN210-3A)	2	
- 6	1118275	BRACKET, MAIN CONTROL CABLE PULLEY STA 450	4	
- 7	AN320-4	NUT	2	
- 8	AN960D416	WASHER	2	
- 9	AN24-36	BOLT	2	
- 10	MS24566-3B	PULLEY, (ALT PN AN210-3A)	2	
- 11	2118303	BRACKET, CONTROL CABLE PULLEY STA 538 LH (MAKE FROM S2004272)	1	
	2118303-1	BRACKET, CONTROL CABLE PULLEY STA 538 RH (MAKE FROM S2004272-1)	1	
- 12	S143358-114A	PIN, PULLEY GUARD	4	
- 13	AN320-4	NUT	2	
- 14	AN960D416	WASHER	2	
- 15	AN24-30	BOLT	2	
- 16	MS24566-4B	PULLEY, (ALT PN AN210-4A)	2	
- 17	2118075	BRACKET, RUDDER CABLE PULLEY STA 583 LH	1	
	2118075-1	BRACKET, RUDDER CABLE PULLEY STA 583 RH	1	
- 18	AN320-4	NUT	2	
- 19	AN960D416	WASHER	2	
- 20	AN24-46	BOLT	2	
- 21	MS24566-4B	PULLEY, (ALT PN AN210-4A)	2	
- 22	4118315	BRACKET, RUDDER CABLE PULLEY STA 625 LH (MAKE FROM 4005043)	1	
	4118315-1	BRACKET, RUDDER CABLE PULLEY STA 625 RH (MAKE FROM 4005043)	1	
- 23	AN310-5	NUT	2	
- 24	AN960D416	WASHER	2	
- 25	AN5-14	BOLT	2	
- 26	S2074410FG11208	CABLE ASSY, SWAGED TYPE 3/16 IN. DIAMETER (RUDDER)	2	
- 27	3114941	CABLE ASSY, RUDDER STOP	1	
- 28	AN320-3	NUT	2	
- 29	AN960-10L	WASHER	2	
- 30	AN23-11	BOLT	2	
- 31	1114940	LUG, RUDDER STOP CABLE	2	
- 32	S2074408CH3802	CABLE ASSY, SWAGED TYPE 1/8 IN. DIAMETER	2	
- 33	MS21251B5S	BARREL, (ALT PN AN155-32S)	2	
- 34	MS21254-22RS	EYE, (ALT PN AN165-22S)	2	
- 35	AN320-3	NUT	2	
- 36	AN960-10	WASHER	2	
- 37	AN23-12	BOLT	2	
- 38	1114937	CLIP, RUDDER BUS CABLE SPRING	2	
- 39	87	SPRING, (71447)	2	
- 40	S2074406EE5226	CABLE ASSY, SWAGED TYPE 1/16 IN. DIAMETER	1	
- 41	AN320-3	NUT	2	
- 42	AN960-10	WASHER	2	
- 43	AN23-11	BOLT	2	
- 44	S2074408GH703	CABLE ASSY, SWAGED TYPE 1/8 IN. DIAMETER	2	
- 45	MS20115-21	SHACKLE, (ALT PN AN115-21)	2	
- 46	MS20115-32	SHACKLE, (ALT PN AN115-32)	1	
- 47	AN310-4	NUT	1	
- 48	AN960-416	WASHER	1	
- 49	AN4-7	BOLT	1	
- 50	1117298	SPRING, RUDDER STOP	2	
- 51	AN310-3	NUT	2	
- 52	AN960-10	WASHER	2	
- 53	AN3-5	BOLT	1	
- 54	AN3-17	BOLT	1	
- 55	1118274	LINK ASSY, RUDDER STOP	1	
- 56	2115420	BRACKET ASSY, RUDDER STOP (ATTACHING PARTS)	1	
- 57	AN3-11A	BOLT	2	
- 58	MS21044N3	NUT, (ALT PN AN365-1032)	2	
- 59	AN320-3	NUT	2	
- 60	AN23-11	BOLT	2	
- 61	MS24566-2B	PULLEY, (ALT PN AN210-2A)	2	
- 62	1118273	BRACKET ASSY, RUDDER STOP CABLE PULLEY LH STA 677	1	
- 63	1118273-1	BRACKET ASSY, RUDDER STOP CABLE PULLEY RH STA 677	1	
		A 001 THRU 541 AND 555 THRU 558		
		B 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

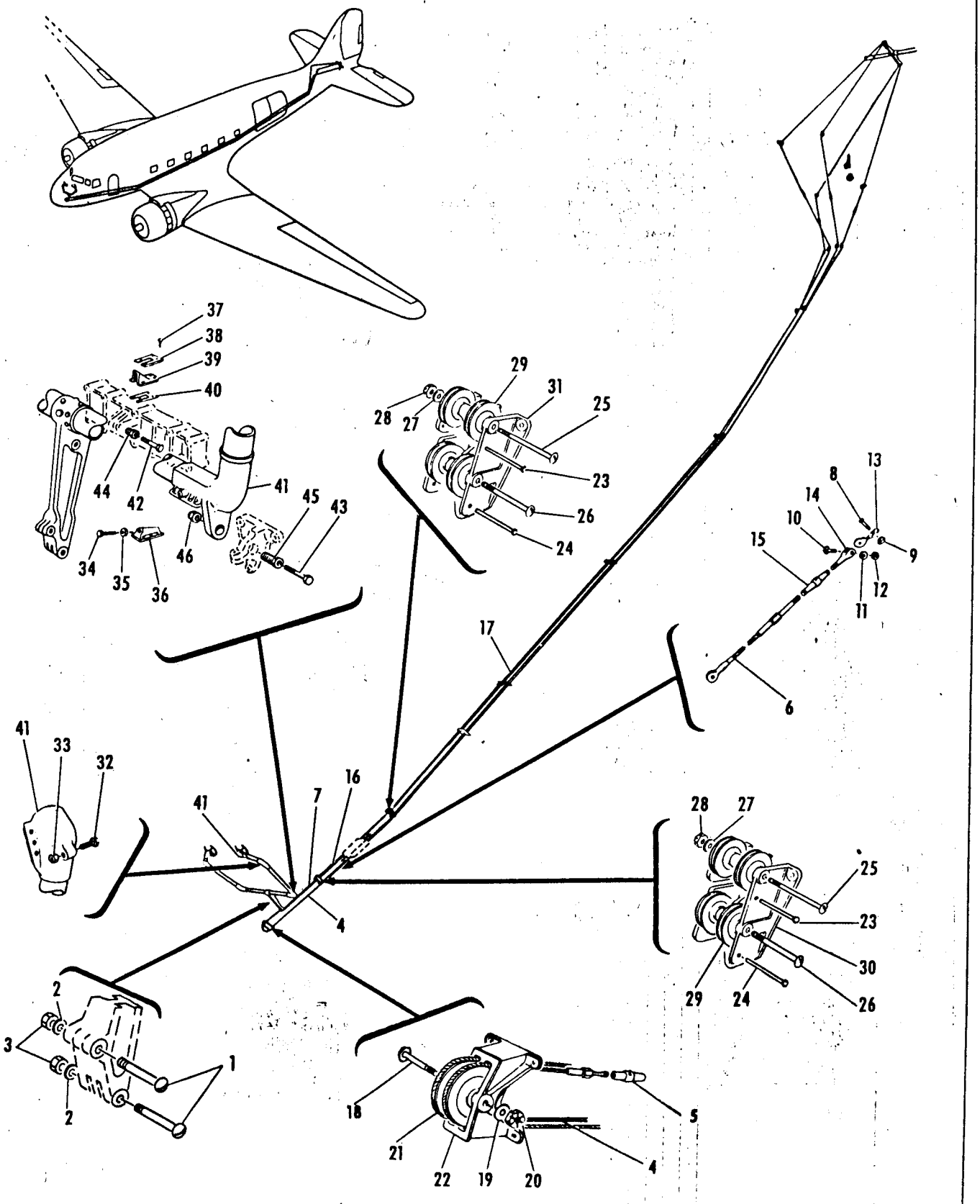

Figure 82. Elevator Flight Controls

V4-111

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
82		ELEVATOR FLIGHT CONTROLS		
	5110547	CONTROL INSTL, FUSELAGE FLIGHT (SEE FIG. 16 FOR NHA)	REF	A
	5189195	CONTROL INSTL, FUSELAGE FLIGHT (SEE FIG. 16 FOR NHA)	REF	B
- 1	AN25-34	BOLT	2	
- 2	AN960-516	WASHER	2	
- 3	AN320-5	NUT	2	
- 4	S2074410FG10328	CABLE ASSY, SWAGED TYPE 3/16 IN. DIA (LOWER LH AND RH ELEVATOR)	2	
- 5	MS21251B6L	TURNBUCKLE BODY, (ALT PN AN155-46L)	2	
- 6	S2074410FG2916	CABLE ASSY, SWAGED TYPE 3/16 IN. DIA (UPPER LH ELEVATOR)	1	
- 7	S2074410FG5928	CABLE ASSY, SWAGED TYPE 3/16 IN. DIA (UPPER RH ELEVATOR)	1	
- 8	AN24-12	BOLT	1	
- 9	AN320-4	NUT	2	
- 10	AN25-14	BOLT	2	
- 11	AN960-516	WASHER	2	
- 12	AN320-5	NUT	2	
- 13	S1111904	LINK, TURNBUCKLE CONNECTING	2	
- 14	MS21252-6RS	EYE, (ALT PN AN160-46S)	2	
- 15	MS21251B6S	TURNBUCKLE, BODY (ALT PN AN155-46S) (USED WITH S2074410CE47904)	2	
- 16	MS21251B6L	TURNBUCKLE BODY, (ALT PN AN155-46L)		
- 17	S2074410CE47904	CABLE ASSY, SWAGED TYPE 3/16 IN. DIA (UPPER AND LOWER LH ELEVATOR)	1	
- 18	AN26-46	BOLT	1	
- 19	AN960D10	WASHER	1	
- 20	AN320-6	NUT	1	
- 21	MS24566-5B	PULLEY, (ALT PN AN210-5A) (STA 40)	2	
- 22	2118474	BRACKET, ELEVATOR BUS CABLE PULLEY (MAKE FROM S231511)	1	
- 23	S143358-220A	PIN, PULLEY GUARD	2	
- 24	S143358-204A	PIN, PULLEY GUARD	2	
- 25	AN24-48	BOLT	2	
- 26	AN24-40	BOLT	2	
- 27	AN960D416	WASHER	4	
- 28	AN320-4	NUT	4	
- 29	MS24566-3B	PULLEY, (ALT PN AN210-3A) (STA 76 AND 136)	8	
- 30	4143439	BRACKET, ELEVATOR CABLE PULLEY STA 76 (MAKE FROM 4116751)	1	
- 31	4116751	BRACKET, ELEVATOR CABLE PULLEY	1	
- 32	S110242-4-11H	BOLT, SPECIAL FULL THREADED	2	
- 33	AN316-4R	NUT	2	
- 34	NAS428-4-20	BOLT, (ALT PN S110242-4-20H)	1	
- 35	AN316-4R	NUT	1	
- 36	1118271	STOP, CONTROL COLUMN LOWER (MAKE FROM S131899)	1	
- 37	MS24621-17	SCREW, (ALT PN AN530-6-6)	4	
- 38	1118291	RETAINER, CONTROL COLUMN HINGE GUARD	1	
- 39	5110547-1	SHEET, FUSELAGE FLIGHT CONTROL NEOPRENE	1	A
	5189195-1	SHEET, FUSELAGE FLIGHT CONTROL NEOPRENE	1	B
- 40	5110547-10	LINER, FUSELAGE FLIGHT CONTROL LEATHER	1	A
	5189195-10	LINER, FUSELAGE FLIGHT CONTROL LEATHER	1	B
- 41	5110598	COLUMN ASSY, CONTROL (SEE FIG. 86 FOR DETAILS) (ATTACHING PARTS)	1	
- 42	AN6-17	BOLT	2	
- 43	AN6-23	BOLT	1	
- 44	S131079	BUSHING, RUDDER BEARING PEDAL ADJUST	1	
- 45	S131079-1	BUSHING, RUDDER BEARING PEDAL ADJUST	1	
- 46	AN310-6	NUT	3	

A 001 THRU 541 AND 555 THRU 558
B 542 THRU 554

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

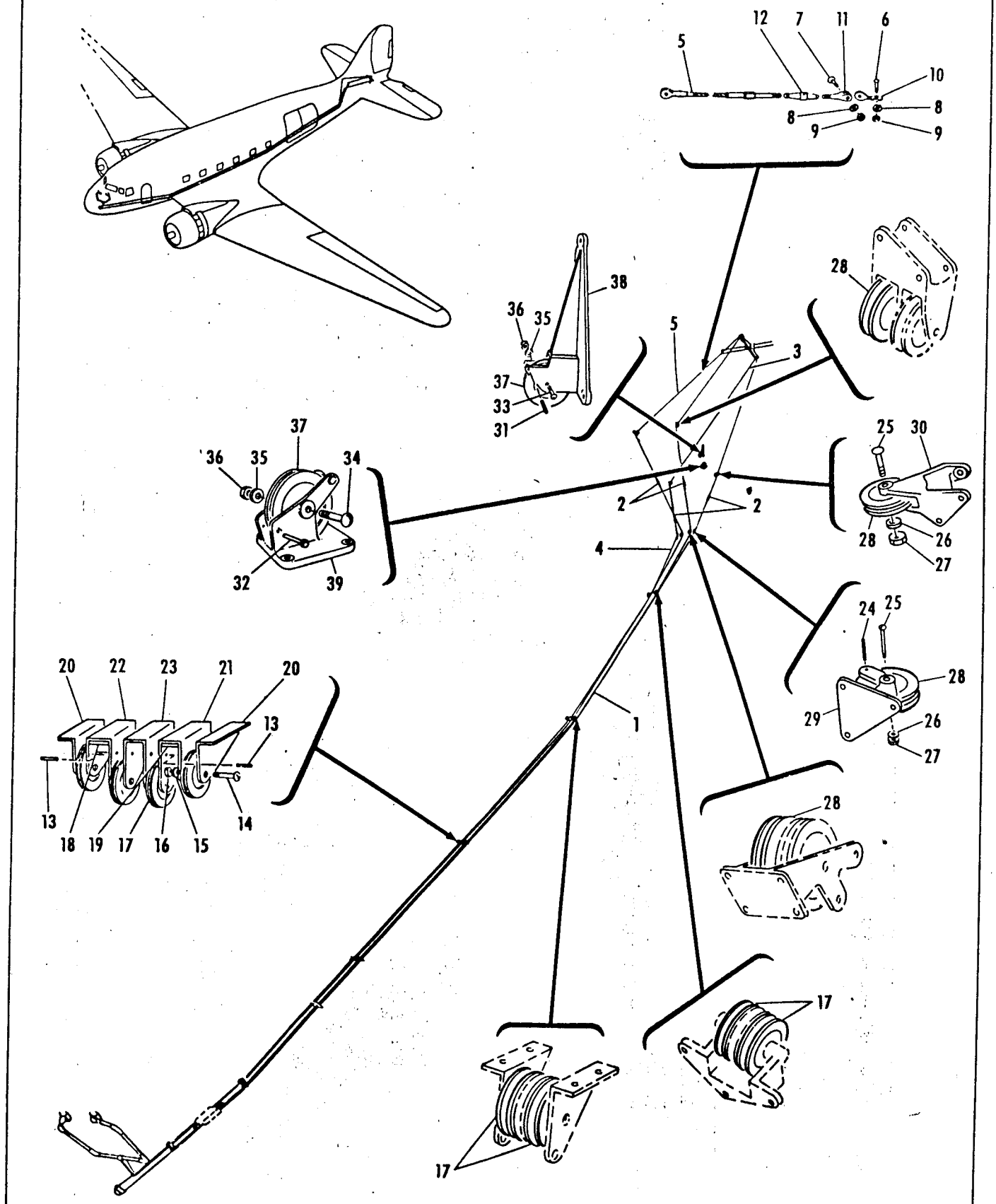

Figure 82A. Elevator Flight Controls

V4-112

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
82A		ELEVATOR FLIGHT CONTROLS		
	5110547	CONTROL INSTL, FUSELAGE FLIGHT (SEE FIG. 16 FOR NHA)	REF	A
	5189195	CONTROL INSTL, FUSELAGE FLIGHT (SEE FIG. 16 FOR NHA)	REF	B
- 1	S2074410EE48516	CABLE ASSY, SWAGED TYPE 3/16 IN. DIA (LOWER LH AND RH ELEVATOR)	2	
- 2	MS21251B6L	TURNBUCKLE BODY, (ALT PN AN155-46L)	4	
- 3	S2074410FH12628	CABLE ASSY, SWAGED TYPE 3/16 IN. DIA (LOWER ELEVATOR)	2	
- 4	S2074410EE48004	CABLE ASSY, SWAGED TYPE 3/16 IN. DIA (UPPER RH ELEVATOR)	1	
- 5	S2074410FH15516	CABLE ASSY, SWAGED TYPE 3/16 IN. DIA (UPPER ELEVATOR)	2	
- 6	AN25-15	BOLT	4	
- 7	AN25-17	BOLT	4	
- 8	AN960-516	WASHER, (USED WITH AN25-15)	4	
	AN960D516	WASHER, (USED WITH AN25-17)	4	
- 9	AN320-5	NUT	8	
- 10	1139240	LINK, ELEVATOR HORN CONNECTING (MAKE FROM S1111984)	4	
- 11	MS21252-6RL	EYE, (ALT PN AN160-46L)	4	
- 12	MS21251-6L	TURNBUCKLE BODY, (ALT PN AN155-46L)	4	
- 13	S143358-021A	PIN, PULLEY GUARD	2	
- 14	AN24-15	BOLT	4	
- 15	AN960D416	WASHER	4	
- 16	AN320-4	NUT	4	
- 17	MS24566-3B	PULLEY, (ALT PN AN210-3A) (STA 351, 450 AND 538)	12	
- 18	1140149	STRIP, RIGHT RUDDER CABLE RUBBER STA 351	1	
- 19	1140161	STRIP, LEFT RUDDER CABLE RUBBER STA 351	1	
- 20	1118405	BRACKET, MAIN CONTROL CABLE PULLEY	2	
- 21	1116480	BRACKET, PULLEY LH STA 351	1	
- 22	1116479	BRACKET, PULLEY RH STA 351	1	
- 23	1116478	BRACKET, CENTER STA 351	1	
- 24	S143358-104A	PIN, PULLEY GUARD	2	
- 25	AN24-24	BOLT	4	
- 26	AN960D416	WASHER	4	
- 27	AN320-4	NUT	4	
- 28	MS24566-4B	PULLEY, (ALT PN AN210-4A)	8	
- 29	2117142	BRACKET, LOWER ELEVATOR CABLE PULLEY STA 583 LH	1	
	2117142-1	BRACKET, LOWER ELEVATOR CABLE PULLEY STA 583 RH	1	
- 30	4117169	BRACKET, LOWER ELEVATOR CABLE PULLEY STA 623 LH (MAKE FROM S4005453)	1	
	4117169-1	BRACKET, LOWER ELEVATOR CABLE PULLEY STA 623 RH (MAKE FROM S4005453)	1	
- 31	S143358-030A	PIN, PULLEY GUARD	2	
- 32	S143358-028A	PIN, PULLEY GUARD	2	
- 33	AN23-21	BOLT	1	
- 34	AN23-20	BOLT	1	
- 35	AN960D10	WASHER	2	
- 36	AN320-3	NUT	2	
- 37	MS24566-2B	PULLEY, (ALT PN AN210-2A)	2	
- 38	4118076	BRACKET, TAIL WHEEL LOCK PULLEY STA 636	1	
- 39	4118730	BRACKET, TAIL WHEEL LOCK CABLE PULLEY STA 651 LOWER	1	
		A 001 THRU 541 AND 555 THRU 558		
		B 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

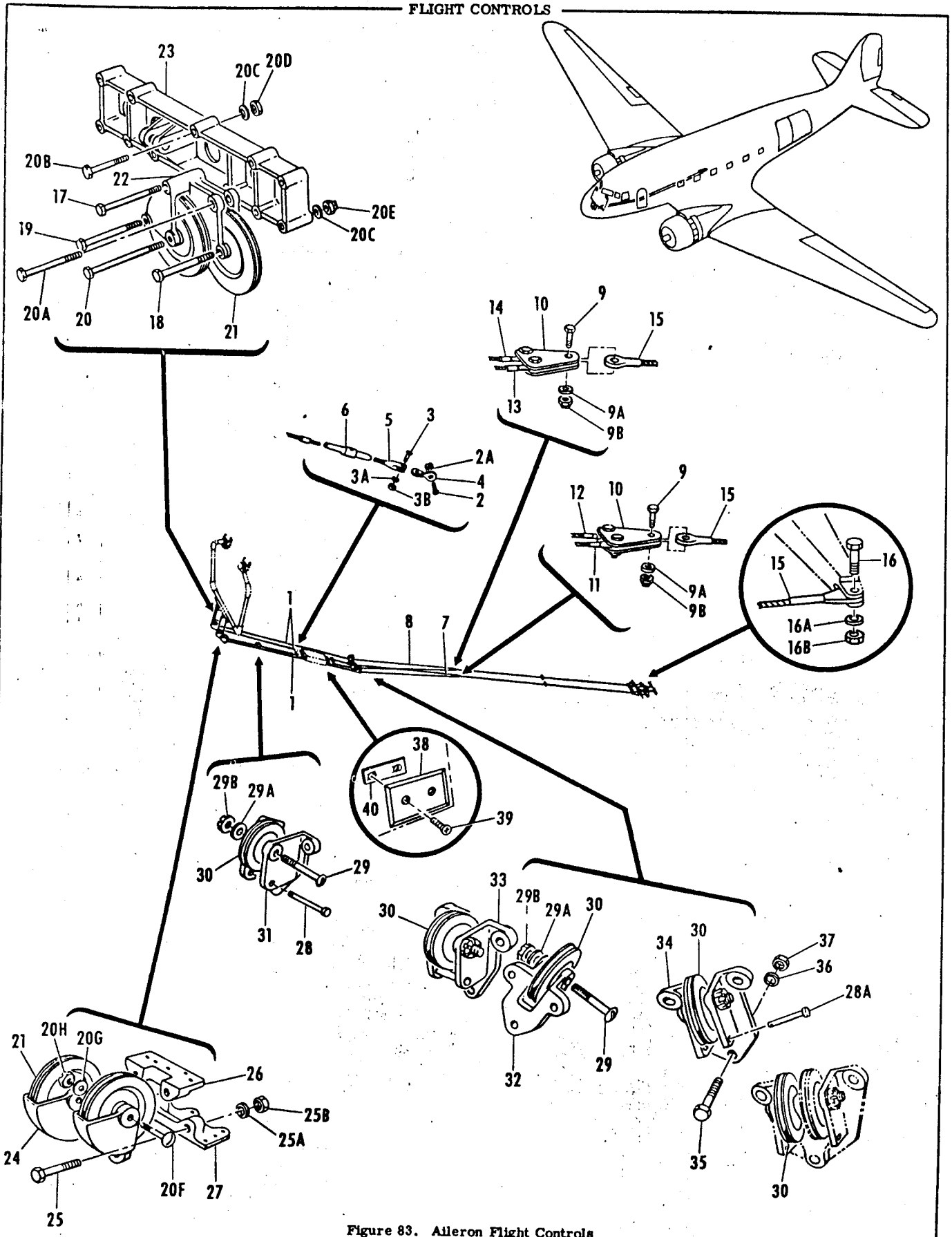

Figure 83. Aileron Flight Controls

V4-95

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
83		AILERON FLIGHT CONTROLS		
	5110547	CONTROL INSTL, FUSELAGE FLIGHT (SEE FIG. 16 FOR NHA)	REF	A
	5189195	CONTROL INSTL, FUSELAGE FLIGHT (SEE FIG. 16 FOR NHA)	REF	B
- 1	MS21251B6L	BARREL, (ALT PN AN155-46L)	3	
- 2	AN24-12	BOLT	2	
- 2A	AN320-4	NUT	2	
- 3	AN25-14	BOLT	2	
- 3A	AN960-516	WASHER	2	
- 3B	AN320-5	NUT	2	
- 4	S1111904	LINK, TURNBUCKLE CONNECTING	2	
- 5	MS21252-6RS	EYE, (ALT PN AN160-46S)	2	
- 6	MS21251B6S	BARREL, (ALT PN AN155-46S)	2	
- 7	3114264	CABLE ASSY, AILERON CONTROL CENTER LH	1	
- 8	3112788	CABLE ASSY, AILERON CONTROL CENTER RH	1	
- 9	AN5-7	BOLT	6	
- 9A	AN960D516	WASHER, (USED ON 3114264)	3	
	AN960-516	WASHER, (USED ON 3112788)	3	
- 9B	AN310-5	NUT	6	
- 10	1118566	LINK, AILERON CABLE CONNECTOR	4	
- 11	S2074410EG11704	CABLE ASSY, SWAGED 3/16 IN. DIAMETER	1	
- 12	S2074410EG8720	CABLE ASSY, SWAGED 3/16 IN. DIAMETER	1	
- 13	S2074410CG8916	CABLE ASSY, SWAGED 3/16 IN. DIAMETER	1	
- 14	S2074410EG11224	CABLE ASSY, SWAGED 3/16 IN. DIAMETER	1	
- 15	S2074410GG8606	CABLE ASSY, SWAGED 3/16 IN. DIAMETER	2	
- 16	AN25-18	BOLT	2	
- 16A	AN960-516	WASHER	2	
- 16B	AN320-5	NUT	2	
- 17	AN4-44A	BOLT	2	
- 18	AN4-36	BOLT	1	
	AN4-37	BOLT	1	
- 19	AN4-37A	BOLT	2	
- 20	AN4-44	BOLT	1	
	AN4-45	BOLT	1	
- 20A	AN4-36A	BOLT	2	
- 20B	AN4-16A	BOLT	1	
- 20C	AN960-416	WASHER	11	
- 20D	MS21044N4	NUT, (ALT PN AN365-428)	7	
- 20E	AN310-4	NUT	4	
- 20F	AN24-24	BOLT	4	
- 20G	AN960D416	WASHER	4	
- 20H	AN320-4	NUT	4	
- 21	MS24566-4B	PULLEY, (STA 63) (ALT PN AN210-4A)	8	
- 22	2118429	BRACKET, AILERON CONTROL PULLEY UPPER LH (MAKE FROM S231516)	1	
	2118429-1	BRACKET, AILERON CONTROL PULLEY UPPER RH (MAKE FROM S231516-1)	1	
- 23	4118314	PLATE, CONTROL COLUMN SUPPORT BASE (MAKE FROM S431518)	1	
- 24	2118299	BRACKET, AILERON CONTROL PULLEY LOWER LH (MAKE FROM S231517)	1	
	2118299-1	BRACKET, AILERON CONTROL PULLEY LOWER RH (MAKE FROM S231517-1)	1	
		(ATTACHING PARTS		
- 25	AN4-16A	BOLT	7	
	AN4-10A	BOLT	1	
- 25A	AN960D416	WASHER	8	
- 25B	MS21044N4	NUT, (ALT PN AN365-428)	8	
- 26	2118310	BRACKET, CONTROL PULLEY ATTACHING LH (MAKE FROM S2007762)	1	
	2118310-1	BRACKET, CONTROL PULLEY ATTACHING RH (MAKE FROM S2007762-1)	1	
- 27	2118300	BRACKET, CONTROL PULLEY ATTACHING (MAKE FROM S231624)	2	
- 28	S143358-103A	PIN, PULLEY GUARD	1	
- 28A	S143358-104A	PIN, PULLEY GUARD	3	
- 29	AN24-23	BOLT	4	
- 29A	AN960D416	WASHER	4	
- 29B	AN320-4	NUT	4	
- 30	MS24566-3B	PULLEY, (STA 76 AND 136) (ALT PN AN210-3A)	5	
- 31	2117141	BRACKET, PULLEY STA 76	1	
- 32	2117242	BRACKET, AILERON PULLEY STA 136 LH (MAKE FROM 2117141)	1	
- 33	2117242-1	BRACKET, AILERON PULLEY STA 136 RH (MAKE FROM 2117141)	1	
- 34	2117126	BRACKET, AILERON PULLEY STA 136 RH (MAKE FROM 2117141) (ATTACHING PARTS)	1	
- 35	AN3-6A	BOLT	12	
- 36	AN960D10	WASHER	12	
- 37	MS21044N3	NUT, (ALT PN AN365-1032)	12	
- 38	5110547-6	STRIP, FUSELAGE FLIGHT CONTROL RUB	1	A
	5189195-6	STRIP, FUSELAGE FLIGHT CONTROL RUB	1	B
		(ATTACHING PARTS)		
- 39	MS21207-8-8	SCREW, (ALT PN S111418928-8)	2	
- 40	6067-8Z	NUT, SPEED (78553)	1	
		A 001 THRU 541 AND 555 THRU 558		
		B 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

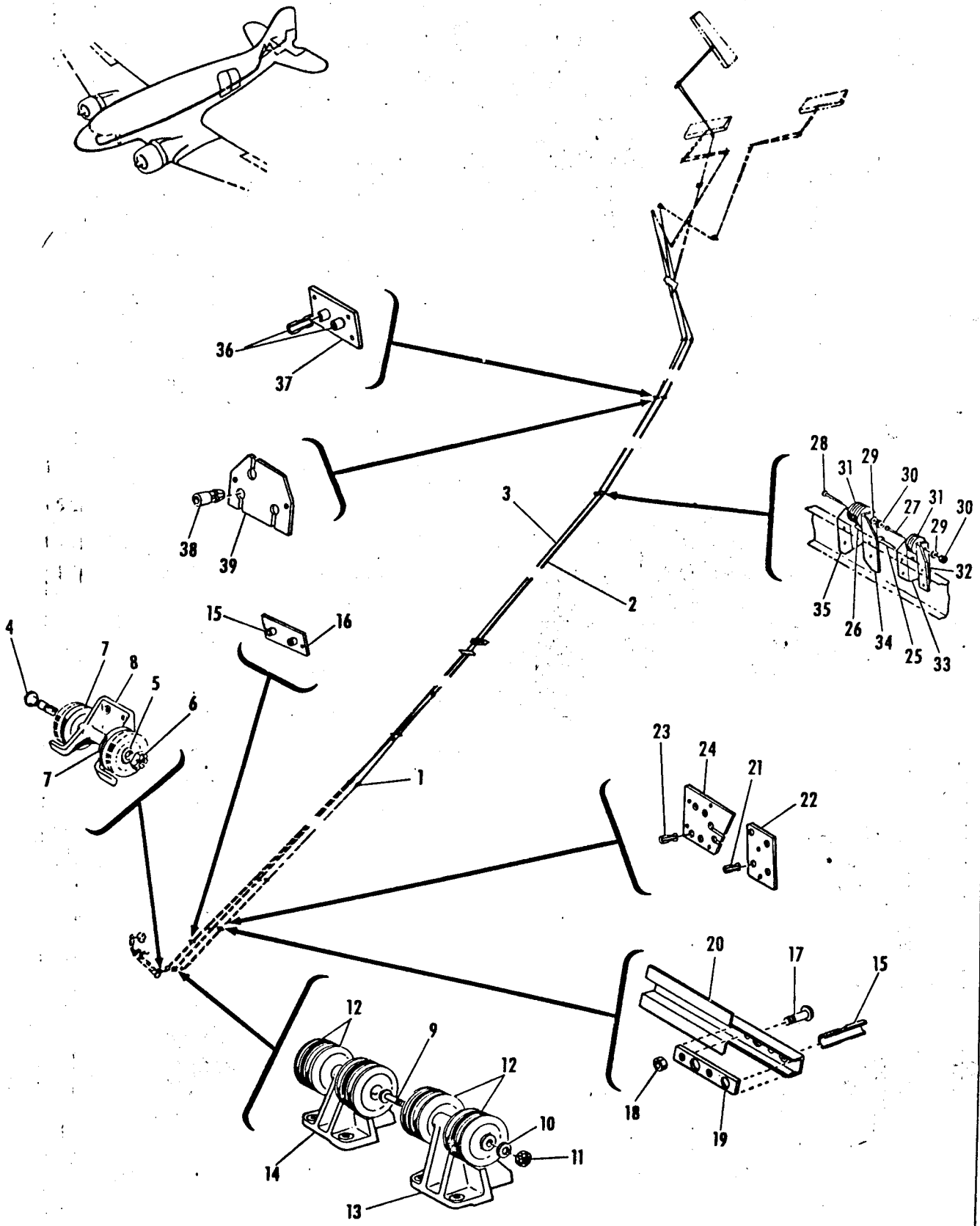

Figure 84. Rudder and Elevator Tab Flight Controls (Station 44 to 538)

V4-131

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
84		RUDDER AND ELEVATOR TAB FLIGHT CONTROL (STA 44 TO 538)		
	5110547	CONTROL INSTL, FUSELAGE FLIGHT (SEE FIG. 84A FOR ADDITIONAL DETAILS) (SEE FIG. 16 FOR NHA)	REF	AB
	5189195	CONTROL INSTL, FUSELAGE FLIGHT (SEE FIG. 84A FOR ADDITIONAL DETAILS) (SEE FIG. 16 FOR NHA)	REF	C
- 1	MS21251B2S	BARREL (ALT PN AN155-8S)	2	
- 2	S2074406CD48806	CABLE ASSY, SWAGED TYPE 1/16 IN. DIAMETER (RUDDER TAB) (SEE FIG. 84A FOR CONTINUATION)	2	
- 3	2140119	CABLE ASSY, ELEVATOR TAB CONTROL (SEE FIG. 84A FOR CONTINUATION)	2	
- 4	AN23-54	BOLT	2	
- 5	AN960D10	WASHER	2	
- 6	AN320-3	NUT	2	
- 7	MS24566-2B	PULLEY, (STA 44) (ALT PN AN210-2A)	4	
- 8	2118302	BRACKET, TAB CONTROL PULLEY FRONT (MAKE FROM S231914-1)	2	
- 9	AN23-44	BOLT	2	
- 10	AN960D10	WASHER	2	
- 11	AN320-3	NUT	2	
- 12	MS24566-1B	PULLEY, (STA 63) (ALT PN AN210-1A)	8	
- 13	2119541	BRACKET, RUDDER TAB CONTROL CABLE PULLEY (MAKE FROM 2119540)	1	
- 14	2119540	BRACKET, AILERON TAB CONTROL CABLE PULLEY	1	
- 15	S1110293	GROMMET, ENGINE CONTROL FAIRLEAD	8	
- 16	1118279	FAIRLEAD, TAB CONTROL CABLE STA 76	1	
	2119630	BRACKET ASSY, RUDDER TAB CABLE FAIRLEAD STA 86	1	
- 17	MS24622-30	SCREW, (ALT PN AN530-8-8)	2	
- 18	NAS446-4-1	NUT, (ALT PN 1778M1(78553))	2	
- 19	2119630-4	FAIRLEAD, RUDDER TAB CABLE	1	
- 20	2119630-2	BRACKET, RUDDER TAB CABLE FAIRLEAD	1	
- 21	S1110293	GROMMET, ENGINE CONTROL FAIRLEAD	8	
- 22	1119631	FAIRLEAD, RUDDER TAB CABLE STA 136	1	
- 23	S1110293	GROMMET, ENGINE CONTROL FAIRLEAD	12	
- 24	1119847	FAIRLEAD, AILERON TAB CABLE STA 136	1	
- 25	S143358-024A	PIN, PULLEY GUARD (USED WITH 1118282)	1	
- 26	S143358-101A	PIN, PULLEY GUARD (USED WITH 1118282-1)	1	
- 27	AN23-17	BOLT	1	
- 28	AN23-21	BOLT	1	
- 29	AN960D10	WASHER	2	
- 30	AN320-3	NUT	2	
- 31	MS24566-1B	PULLEY, (STA 465) (ALT PN AN210-1A)	5	
- 32	1118282	BRACKET, RUDDER TAB CABLE PULLEY STA 465 LH	1	
- 33	1118282-1	BRACKET, RUDDER TAB CABLE PULLEY STA 465 RH	1	
- 34	1118281	BRACKET, ELEVATOR TAB CABLE PULLEY STA 465 LH	1	
- 35	1118281-1	BRACKET, ELEVATOR TAB CABLE PULLEY STA 465 RH	1	
- 36	S1110293	GROMMET, ENGINE CONTROL FAIRLEAD	4	
- 37	1118071	FAIRLEAD, RUDDER TAB CABLE STA 538	1	
- 38	S1110293	GROMMET, ENGINE CONTROL FAIRLEAD	6	
- 39	1118280	FAIRLEAD, TAB CONTROL CABLE STA 538	1	
		A 001 THRU 013, 026 THRU 056, 149 THRU 177, 210 THRU 541 AND 555 THRU 558		
		B 014 THRU 025, 057 THRU 148 AND 178 THRU 209		
		C 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

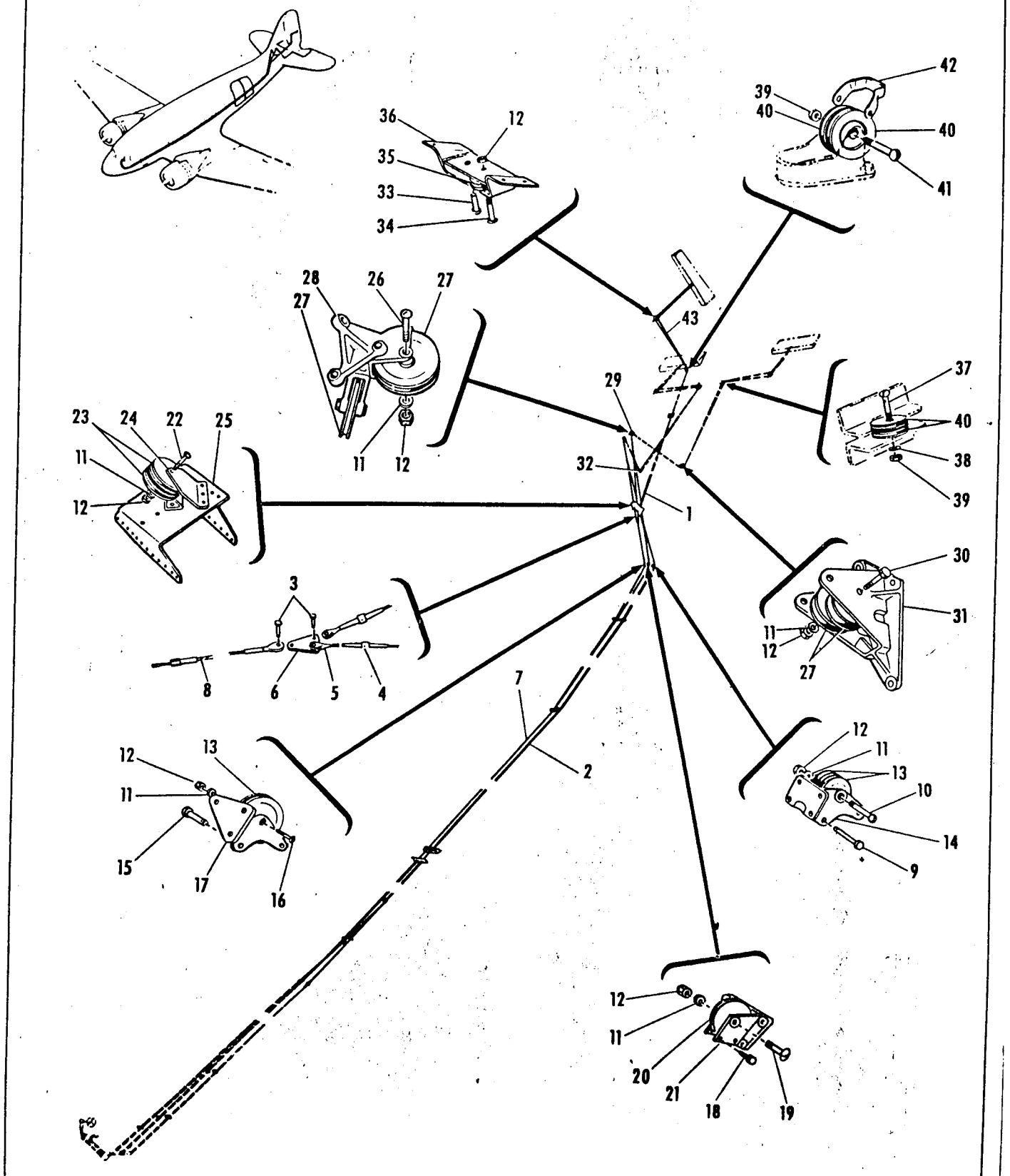

Figure 84A. Rudder and Elevator Tab Flight Controls (Station 538 to 729)

V4-139

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
84A		RUDDER AND ELEVATOR TAB FLIGHT CONTROL (STA 538 TO 729)		
	5110547	CONTROL INSTL, FUSELAGE FLIGHT (SEE FIG. 84 FOR ADDITIONAL DETAILS) (SEE FIG. 16 FOR NHA)	REF	AB
	5189195	CONTROL INSTL, FUSELAGE FLIGHT (SEE FIG. 84 FOR ADDITIONAL DETAILS) (SEE FIG. 16 FOR NHA)	REF	C
- 1	MS21251B2S	BARREL, (ALT PN AN155-8S)	2	
- 2	S2074406CD48806	CABLE ASSY, SWAGED TYPE 1/16 IN. DIAMETER (RUDDER TAB) (SEE FIG. 84 FOR CONTINUATION)	2	
- 3	MS20392-2C9	PIN, (ALT PN AN393-9)	6	
- 4	MS21251B2S	BARREL, (ALT PN AN155-8S)	4	
- 5	AN160-8S	FORK	4	
- 6	1115743	LINK, ELEVATOR TAB CONTROL CABLE	2	
- 7	2140119	CABLE ASSY, ELEVATOR TAB CONTROL (SEE FIG. 84 FOR CONTINUATION)	2	
- 8	S2074407EH47912	CABLE ASSY, SWAGED TYPE 3/32 IN. DIAMETER (ELEVATOR TAB)	1	
- 9	S143358-106A	PIN, PULLEY GUARD	2	
- 10	AN23-25	BOLT	1	
- 11	AN960D10	WASHER	13	
- 12	AN320-3	NUT	10	
- 13	MS24566-2B	PULLEY, (STA 583) (ALT PN AN210-2A)	4	
- 14	2119189	BRACKET, RUDDER TAB CABLE PULLEY STA 583	1	
- 15	S143358-028A	PIN, PULLEY GUARD	4	
- 16	AN23-21	BOLT	2	
- 17	2119284	BRACKET, ELEVATOR TAB CABLE PULLEY STA 583 LH	1	
	2119284-1	BRACKET, ELEVATOR TAB CABLE PULLEY STA 583 RH	1	
- 18	S143358-101A	PIN, PULLEY GUARD	2	
- 19	AN23-20	BOLT	1	
- 20	MS24566-2B	PULLEY, (STA 583) (ALT PN AN210-2A)	1	
- 21	2118077	BRACKET, TAIL WHEEL LOCK CABLE (STA 583)	1	
	S143358-023A	PIN, PULLEY GUARD	1	
- 22	AN23-11	BOLT	1	
- 23	MS24566-2B	PULLEY, (STA 590) (ALT PN AN210-2A)	2	
- 24	1118283	BRACKET, RUDDER TAB CABLE PULLEY STA 590	1	
- 25	4142195	SUPPORT ASSY, RUDDER TAB PULLEY BRACKET STA 590	1	B
	4115772	SUPPORT ASSY, RUDDER TAB PULLEY BRACKET	1	A,C
- 26	AN23-17	BOLT	4	
- 27	MS24566-2B	PULLEY, (STA 636 AND 640) (ALT PN AN210-2A)	8	
- 28	4117545	BRACKET, ELEVATOR TAB CABLE PULLEY STA 636 LH (MAKE FROM S4005412)	1	
- 29	4117544	BRACKET, ELEVATOR TAB CABLE PULLEY STA 636 RH (MAKE FROM S4005467)	1	
- 30	AN3H7A	BOLT	4	
- 31	4118317	BRACKET, ELEVATOR TAB CABLE PULLEY LH (MAKE FROM S4005375)	1	
- 32	4118317-1	BRACKET, ELEVATOR TAB CABLE PULLEY RH (MAKE FROM S4005375-1)	1	
- 33	S143358-023A	PIN, PULLEY GUARD	1	
- 34	AN23-17	BOLT	1	
- 35	MS24566-1B	PULLEY, (STA 677) (ALT PN AN210-1A)	1	
- 36	1116729	BRACKET, RUDDER TAB CABLE PULLEY STA 677	1	
	S143358-105A	PIN, PULLEY GUARD	4	
- 37	AN24-23	BOLT	2	
- 38	AN960D416	WASHER	2	
- 39	AN320-4	NUT	3	
- 40	MS24566-3B	PULLEY, (STA 729) (ALT PN AN210-3A)	6	
- 41	AN24-30	BOLT	1	
- 42	1118272	GUARD, RUDDER TAB PULLEY	1	
- 43	5110548	CONTROL INSTL, EMPENNAGE FLIGHT (SEE FIG. 94 FOR DETAILS)	1	
		A 001 THRU 013, 026 THRU 056, 149 THRU 177, 210 THRU 541 AND 555 THRU 558		
		B 014 THRU 025, 057 THRU 148 AND 178 THRU 209		
		C 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

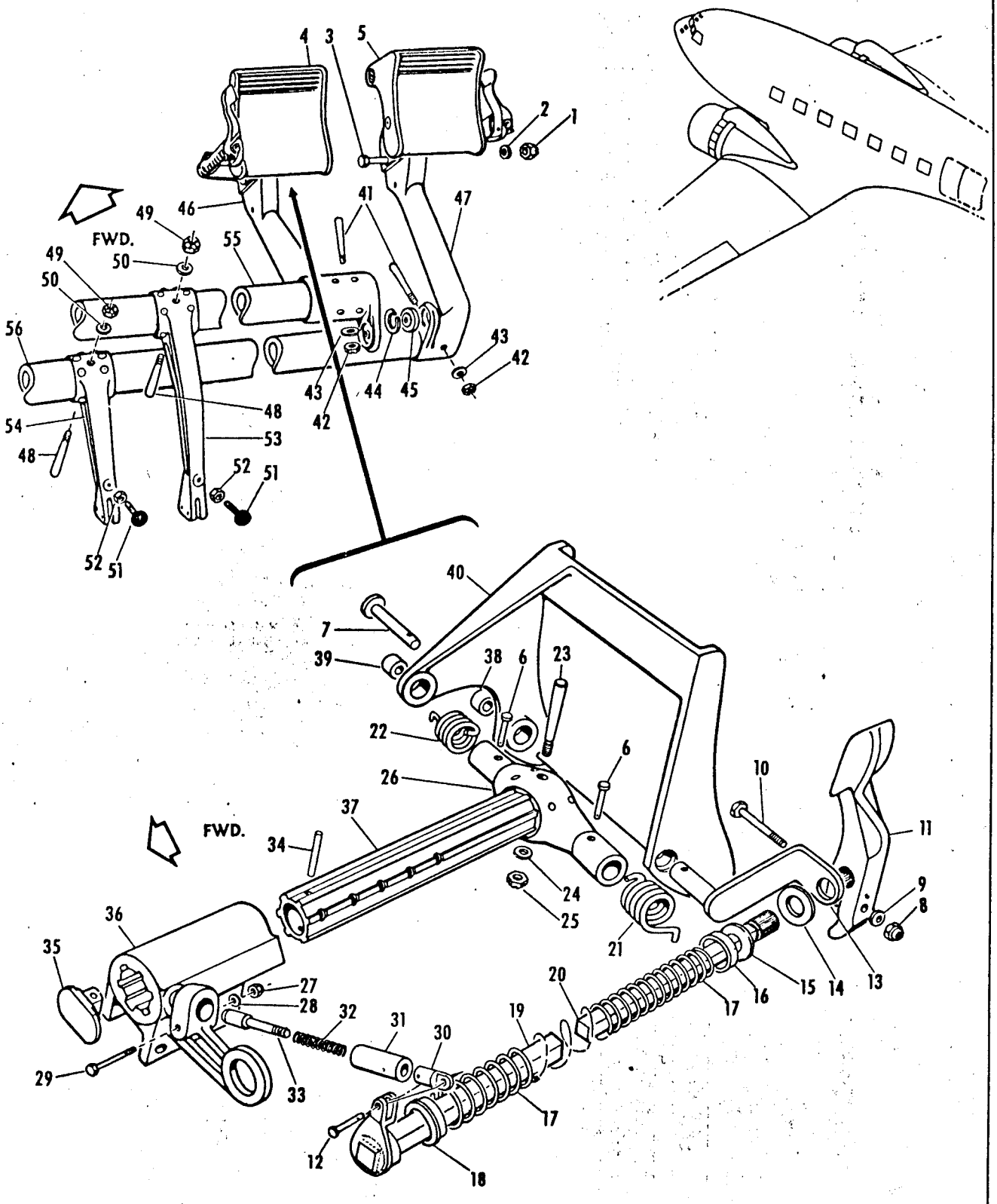

Figure 85. Rudder Pedal

V4-93

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
85	5116727	PEDAL ASSY, RUDDER LH (SEE FIG. 81 FOR NHA)	REF	
	5116728	PEDAL ASSY, RUDDER RH (SEE FIG. 81 FOR NHA)	REF	
- 1	MS21044N3	NUT, (ALT PN AN365-1032) (SEE T.O. 1C-1-606)	8	
- 2	AN960D10	WASHER, (SEE T.O. 1C-1-606)	8	
- 3	AN3-10A	BOLT, (SEE T.O. 1C-1-606)	4	
	AN3-12A	BOLT, (SEE T.O. 1C-1-606)	4	
- 4	5118930	REST ASSY, ADJUSTABLE FOOT LH	2	
- 5	5118930-1	REST ASSY, ADJUSTABLE FOOT RH	2	
- 6	MS20392-1C25	PIN, (ALT PN AN392-25)	2	
- 7	S1024896	PIN, RUDDER PEDAL	1	
- 8	MS21044N3	NUT, (ALT PN AN365-1032)	1	
- 9	AN960-10	WASHER	1	
- 10	AN3-11A	BOLT	1	
- 11	S1024887	LEVER, RUDDER PEDAL ADJUST LOCK RELEASE LH	1	
	S1024887-1	LEVER, RUDDER PEDAL ADJUST LOCK RELEASE RH	1	
- 12	MS20392-1C9	PIN, (ALT PN AN392-9)	1	
- 13	S1024901	PIN ASSY, RUDDER PEDAL SPRING RETAINER	1	
- 14	S124682-6S12-6	WASHER	1	
- 15	AN960-816	WASHER	1	
- 16	S1024889	RETAINER, RUDDER PEDAL SPRING AFT	3	
- 17	S1025880	SPRING, RUDDER PEDAL ADJUST	1	
- 18	S1024890	RETAINER, RUDDER PEDAL SPRING FWD	1	
- 19	S1024900	TUBE ASSY, RUDDER PEDAL TORQUE	1	
- 20	S2024917	SHAFT, RUDDER PEDAL TORQUE	1	
- 21	S1024893	SPRING, RUDDER PEDAL TORQUE LH	1	
- 22	S1024893-1	SPRING, RUDDER PEDAL TORQUE RH	1	
- 23	AN386-2-11	PIN	1	
- 24	AN320-3	NUT	1	
- 25	AN975-3	WASHER	1	
- 26	S2024903	HEAD, RUDDER PEDAL CROSS (ALT PN 2203841)	1	
	2203841	HEAD, RUDDER PEDAL CROSS	1	
- 27	MS21044N3	NUT, (ALT PN AN365-1032)	1	
- 28	AN960-10	WASHER	1	
- 29	AN3-13A	BOLT	1	
- 30	S1026755	CLEVIS, RUDDER PEDAL LOCK	1	
- 31	S1024891	GUIDE, RUDDER PEDAL LOCK RELEASE	1	
- 32	S1024892	SPRING, RUDDER PEDAL LOCK	1	
- 33	S1024897	PIN, RUDDER PEDAL LOCK	1	
- 34	S146142-187-101	PIN	1	
- 35	S1024886	STOP, RUDDER PEDAL SPLINE	1	
- 36	4118923	SUPPORT, RUDDER PEDAL SLIDE TUBE LH (MAKE FROM S4058931-1)	1	
	4118923-1	SUPPORT, RUDDER PEDAL SLIDE TUBE RH (MAKE FROM S4058931)	1	
- 37	S2024902	SPLINE, RUDDER PEDAL	1	
	4118922	REST ASSY, RUDDER PEDAL FOOT LH	1	
	4118922-1	REST ASSY, RUDDER PEDAL FOOT RH	1	
- 38	A521-9	BEARING, (70417) (SIZE ID TO 0.3745/0.3755 ON INSTL)	1	
- 39	MS27261KS3	BEARING, (ALT PN AN200KS3)	2	
- 40	4118922-2	REST, RUDDER PEDAL FOOT LH (MAKE FROM S4058930-2)	1	
	4118922-3	REST, RUDDER PEDAL FOOT RH (MAKE FROM S4058930-3)	1	
- 41	AN386-2-19	PIN	1	
- 42	AN320-3	NUT	2	
- 43	AN975-3	WASHER	2	
	5118929	PEDAL ASSY, PILOT AND COPILOT RUDDER LH	2	
	5118931	PEDAL ASSY, PILOT RUDDER RH	2	
	5118928	PEDAL ASSY, COPILOT RUDDER RH	1	
- 44	1118921	RING, PILOT RUDDER PEDAL BEARING RETAINER SNAP	1	
- 45	X107	BEARING, (89734) (ALT PN 200-0D6 (21335))	2	
- 46	5118929-1	PEDAL, PILOT AND COPILOT RUDDER LH (MAKE FROM S5074643-1)	1	
	5118931-1	PEDAL, PILOT RUDDER RH (MAKE FROM S5074645-1)	1	
- 47	5118928-1	PEDAL, COPILOT RUDDER RH (MAKE FROM S5074644-1)	1	
- 48	AN386-2-19	PIN	1	
- 49	AN320-3	NUT	1	
- 50	AN975-3	WASHER	1	
- 51	S1114003-4-11	STOP, COARSE THREAD RUBBER COVERED	1	
- 52	MS51967-4	NUT, (ALT PN AN335-4)	1	
- 53	4116769	HORN, PILOT RUDDER CONTROL LH (MAKE FROM S4004238)	1	
- 54	4116770	HORN, PILOT RUDDER CONTROL RH (MAKE FROM S4004239)	1	
- 55	5116727-1	TUBE, RUDDER PEDAL LH	1	
- 56	5116728-1	TUBE, RUDDER PEDAL RH	1	

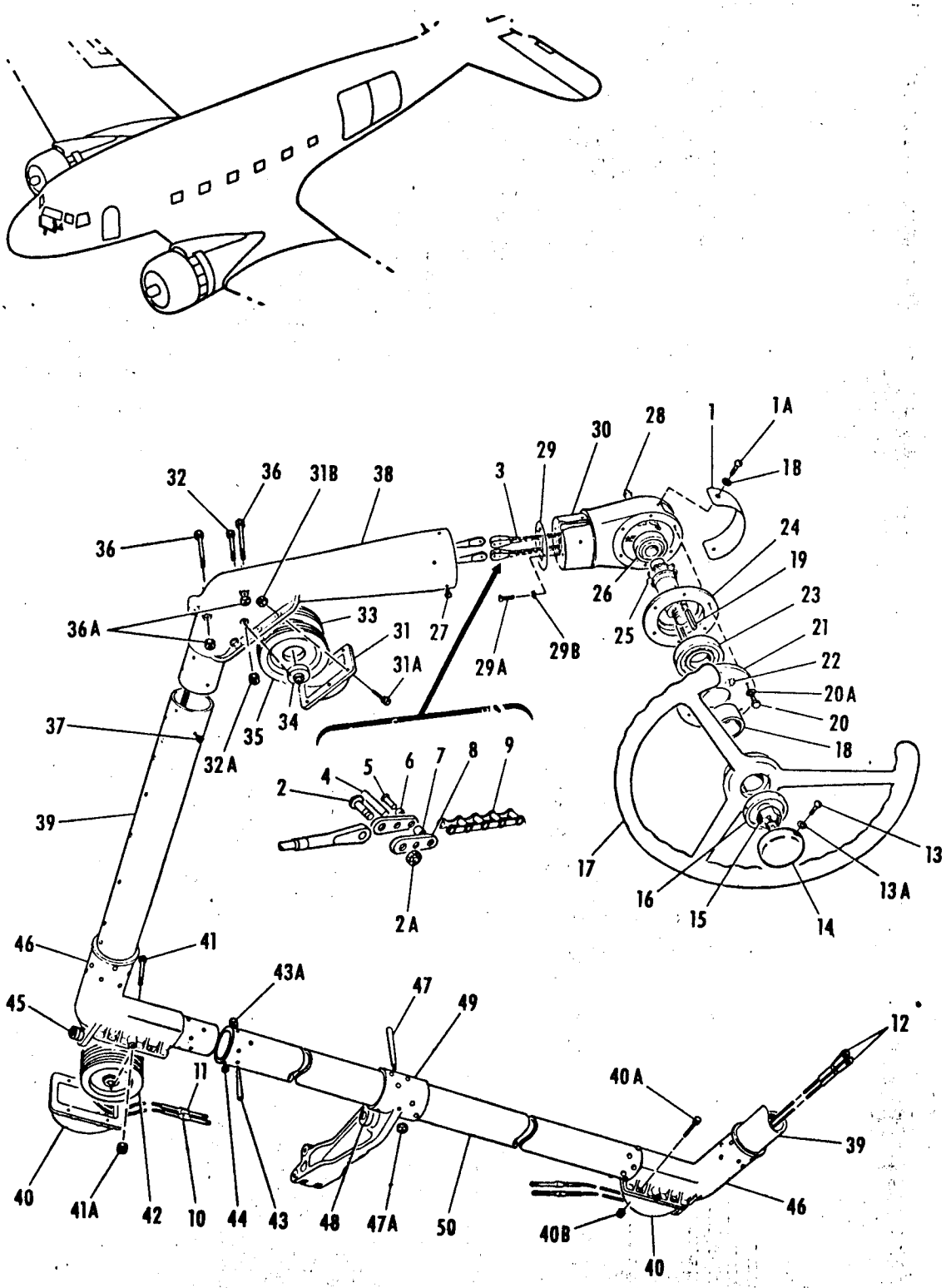

Figure 86. Control Column

V4-100

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
86	5110598	COLUMN ASSY, CONTROL (SEE FIG. 82 FOR NHA)	REF	
- 1	1117112	PLATE, CONTROL COLUMN HEAD COVER	2	
		(ATTACHING PARTS)		
- 1A	MS35207-260	SCREW, (ALT PN AN520-10-5)	4	
- 1B	MS35338-43	WASHER, (ALT PN AN935-10)	4	
	3113769-4	CABLE ASSY, CONTROL COLUMN LH	1	
	3113769-3	CABLE ASSY, CONTROL COLUMN RH	1	
- 2	1117023	BOLT, AILERON CABLE CHAIN SPECIAL ATTACHING	2	
- 2A	AN320-5	NUT	2	
- 3	2202093	CHAIN ASSY, CONTROL COLUMN	1	
- 4	2202093-6	PIN, CONTROL COLUMN CHAIN	2	
- 5	2202093-10	PIN, CONTROL COLUMN CHAIN	2	
- 6	2202093-12	BUSHING, CONTROL COLUMN CHAIN	2	
- 7	2202093-8	ROLLER, CONTROL COLUMN CHAIN (MAKE FROM ASN40 (72625))	2	
- 8	2202093-4	PLATE, CONTROL COLUMN CHAIN	4	
- 9	2202093-2	CHAIN, CONTROL COLUMN	1	
- 10	2135993-4	CABLE ASSY, SPECIAL 3/16 DIAMETER SWAGED TYPE LH	1	
- 11	2135993-6	CABLE ASSY, SPECIAL 3/16 DIAMETER SWAGED TYPE LH	1	
- 12	2135993-2	CABLE ASSY, SPECIAL 3/16 DIAMETER SWAGED TYPE RH	2	
- 13	MS35206-213	SCREW, (ALT PN AN515-4-4)	6	
- 13A	MS35338-40	WASHER, (ALT PN AN935-4)	6	
- 14	1117110	CAP, CONTROL COLUMN	2	
- 15	AN310-8	NUT	2	
- 16	1117111	WASHER, CONTROL COLUMN CAP ADAPTER	2	
- 17	5117125	WHEEL ASSY, PILOT AILERON CONTROL	2	
- 18	1117113	SLEEVE, CONTROL COLUMN WHEEL SHAFT	2	
- 19	S110845	KEY, CONTROL COLUMN WHEEL	4	
- 20	AN4H4A	BOLT, (ALT PN S132100-4-7A)	12	
- 20A	AN960D416	WASHER	12	
- 21	1117114	CAP ASSY, COLUMN HEAD BEARING	2	
- 22	47	LUBRICATOR ASSY, (36251)	2	
- 23	205SF	BEARING, BALL (73974)	2	
- 24	1117115	HOUSING, CONTROL COLUMN HEAD BEARING (MAKE FROM S126556)	2	
- 25	2117119	SPROCKET, CONTROL COLUMN AILERON CHAIN	2	
- 26	203SF	BEARING, BALL (73974)	2	
- 27	MS35266-77	SCREW, (ALT PN AN501A416-6)	2	
	4117122	HEAD ASSY, PILOT CONTROL COLUMN LH	12	
	4117122-1	HEAD ASSY, PILOT CONTROL COLUMN RH	1	
- 28	AN285-17	LUBRICATOR ASSY	1	
- 29	1142434	PLATE, CONTROL COLUMN HEAD	1	
		(ATTACHING PARTS)	1	
- 29A	MS35206-242	SCREW, (ALT PN AN515-8-5)	2	
- 29B	MS35335-32	WASHER, (ALT PN AN936B10)	2	
- 30	4117122-4	HEAD, PILOT CONTROL COLUMN (MAKE FROM S431340-2)	1	
- 31	1117117	PLATE, CONTROL COLUMN ELBOW COVER (MAKE FROM 3131337)	2	
		(ATTACHING PARTS)		
- 31A	AN3-6A	BOLT	12	
- 31B	MS21044N3	NUT, (ALT PN AN365-1032)	12	
- 32	AN4-20	BOLT	2	
- 32A	AN310-4	NUT	2	
- 33	MS24566-4B	PULLEY, (ALT PN AN210-4A)	2	
	2117120	PULLEY ASSY, SPECIAL AILERON CONTROL	2	
- 34	AN200K4	BEARING, (21335)	1	
- 35	2117120-1	PULLEY, SPECIAL AILERON CONTROL	1	
- 36	AN3D23	BOLT	4	
- 36A	AN310-3	NUT	4	
- 37	1117118	BOLT, CONTROL COLUMN SPECIAL	12	
- 38	4117124	ELBOW, CONTROL COLUMN UPPER (MAKE FROM S4074667)	2	
		(DRILL ON INSTL)		
- 39	2117191	TUBE ASSY, CONTROL COLUMN UPPER	2	
- 40	2117241	HOUSING, CONTROL COLUMN LOWER ELBOW (MAKE FROM S231338)	2	
		(ATTACHING PARTS)		
- 40A	AN4-4A	BOLT, (ALT PN S132100-4-7)	8	
- 40B	MS21044D4	NUT, (ALT PN AN365D428)	8	
- 41	AN4-35	BOLT	2	
- 41A	AN310-4	NUT	2	
- 42	MS24566-4B	PULLEY, (ALT PN AN210-4A)	4	
- 43	S224605-3-18	PIN, TAPER	8	
- 43A	AN310-3	NUT	8	
- 44	MS35266-78	SCREW, (ALT PN AN501A416-7)	16	
	4117121	ELBOW ASSY, CONTROL COLUMN LOWER	2	
- 45	200-0D6	BEARING, (21335)	1	
- 46	4117121-2	ELBOW, CONTROL COLUMN LOWER	1	
- 47	S224605-3-22	PIN, TAPERED	1	
- 47A	AN310-3	NUT	1	
	4117366	HORN ASSY, CONTROL COLUMN ELEVATOR (DRILL ON INSTL)	1	
- 48	200-0D6	BEARING, (21335)	1	
- 49	4117366-2	HORN, CONTROL COLUMN ELEVATOR	1	
- 50	1117116	TUBE, CONTROL COLUMN TORQUE (DRILL ON INSTL)	1	

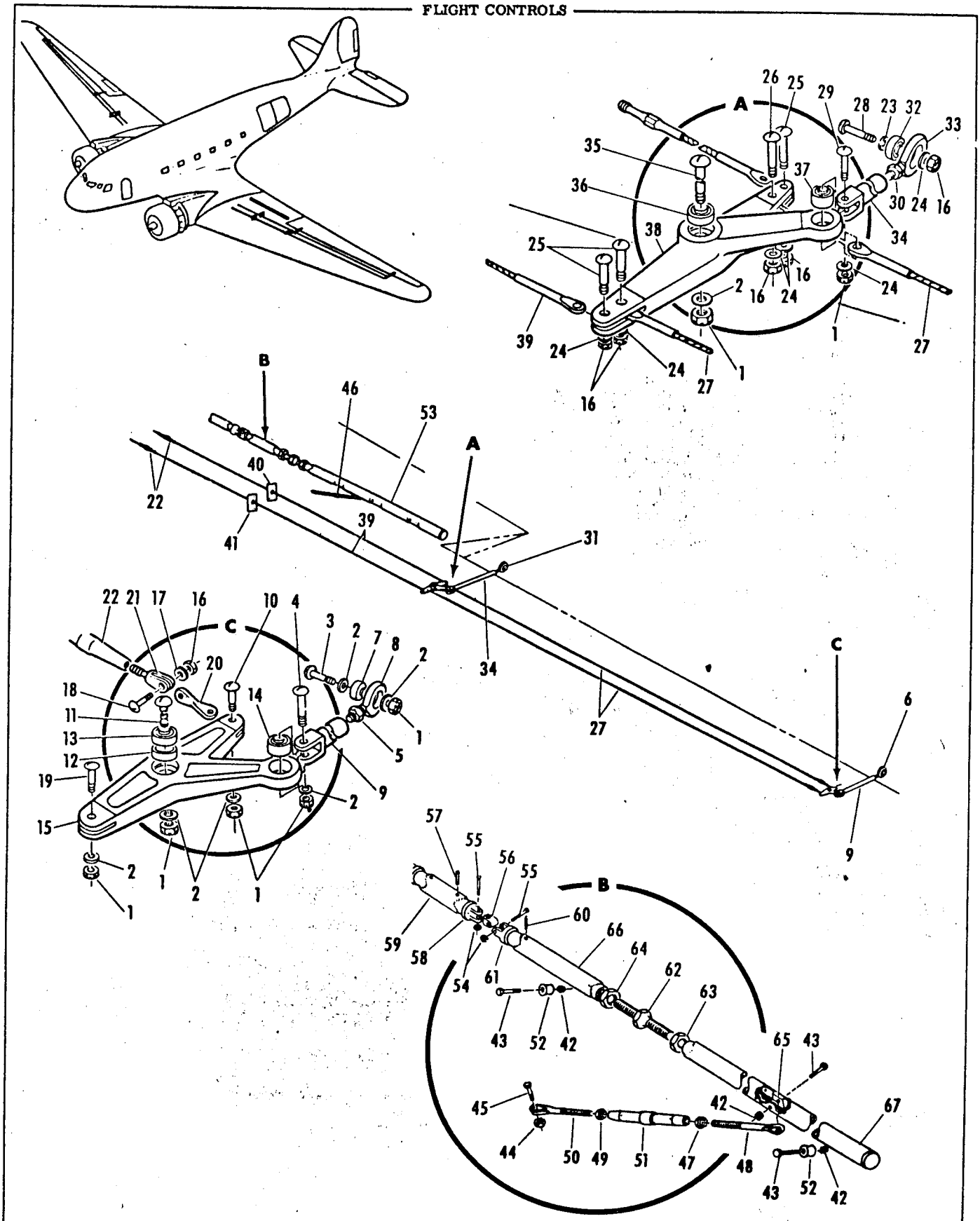

Figure 87. Outer Wing Flight Controls

V4-260

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
87	5110504	CONTROL INSTL, OUTER WING FLIGHT LH (SEE FIG. 2 FOR NHA)	REF	
	5110504-1	CONTROL INSTL, OUTER WING FLIGHT RH (SEE FIG. 2 FOR NHA)	REF	
		(SEE FIG. 88 FOR ADDITIONAL DETAILS)		
- 1	AN320-4	NUT		
- 2	AN960-416L	WASHER, (ALT PN S124682-4S08-032)	7	
- 3	AN24-22	BOLT	6	
- 4	AN24-20	BOLT	1	
- 5	AN316-5R	NUT	1	
- 6	1118147	END ASSY, AILERON CONTROL CONNECTING ROD OUTER	1	
- 7	MS27261KS4	BEARING, (ALT PN AN200KS4)	1	
- 8	1118147-1	END, AILERON CONTROL CONNECTING ROD OUTER	1	
		(MAKE FROM S1014376-1)		
- 9	2117962-1	ROD ASSY, AILERON CONTROL CONNECTING		
- 10	AN24-17	BOLT	1	
- 11	AN24-38	BOLT	1	
	4117611	CRANK ASSY, AILERON DIFFERENTIAL CONTROL OUTER	1	
- 12	4117611-4	BUSHING, AILERON DIFFERENTIAL CONTROL OUTER CRANK	1	
- 13	MS20200KP4	BEARING, (ALT PN AN200K4)	1	
- 14	MS20206DSP4	BEARING, (ALT PN DS4 (21335))	2	
- 15	4117611-2	CRANK, AILERON DIFFERENTIAL CONTROL OUTER	1	
		(MAKE FROM S432414-1)	1	
- 16	AN320-5	NUT		
- 17	AN960-516	WASHER	7	
- 18	AN25-13	BOLT	2	
- 19	AN24-17	BOLT	2	
- 20	S1111904	LINK, TURNBUCKLE CONNECTING	1	
- 21	AN160-46L	FORK	2	
- 22	MS21251-46L	TURNBUCKLE BODY, (ALT PN AN155-46L)	2	
- 23	AN960D416	WASHER	4	
- 24	AN960D516	WASHER	2	
- 25	AN25-17	BOLT	6	
- 26	AN25-26	BOLT	3	
- 27	S2074410EG15620	CABLE ASSY, SWAGED TYPE 3/16 IN. DIAMETER	1	
- 28	AN25-22	BOLT	2	
- 29	AN24-20	BOLT	1	
- 30	AN316-6R	NUT	1	
- 31	1118149	END ASSY, AILERON CONTROL CONNECTING ROD INNER	1	
- 32	MS27261KS5	BEARING, (ALT PN AN200KS5)	1	
- 33	1118149-1	END, AILERON CONTROL CONNECTING ROD INNER	1	
		(MAKE FROM S1014377-1)	1	
- 34	2117962-3	ROD ASSY, AILERON CONTROL CONNECTING		
- 35	AN24-50	BOLT	1	
	4117612	CRANK ASSY, AILERON DIFFERENTIAL CONTROL INNER LH	1	
	4117612-1	CRANK ASSY, AILERON DIFFERENTIAL CONTROL INNER RH	1	
- 36	MS20200KP4	BEARING, (ALT PN AN200K4)	1	
- 37	MS20206DSP4	BEARING, (ALT PN DS4 (21335))	2	
- 38	4117612-2	CRANK, AILERON DIFFERENTIAL CONTROL INNER LH	1	
		(MAKE FROM S432413)	1	
	4117612-3	CRANK, AILERON DIFFERENTIAL CONTROL INNER RH	1	
		(MAKE FROM S432413-1)	1	
- 39	S2074410EG8920	CABLE ASSY, SWAGED TYPE 3/16 IN. DIAMETER	2	
- 40	1118169	FAIRLEAD, AILERON CABLE OUTER WING AFT	1	
- 41	1118201	FAIRLEAD, AILERON CABLE WING STA 53	1	
- 42	AN310-3	NUT	1	
- 43	AN3-12	BOLT	7	
- 44	AN310-4	NUT	7	
- 45	AN4-7	BOLT	3	
- 46	2118498	TURNBUCKLE ASSY, WING FLAP OPERATING	3	
- 47	AN316-5L	NUT	3	
- 48	1118528	LINK, WING FLAP OPERATING	1	
- 49	AN316-5R	NUT	1	
- 50	1118529	CLEVIS, WING FLAP OPERATING	1	
- 51	1118496	TURNBUCKLE BODY, WING FLAP OPERATING (MAKE FROM MS21251-46L)	1	
- 52	1118493	ROLLER, FLAP OPERATING TUBE LOWER	1	
- 53	2118473	TUBE ASSY, OUTER WING FLAP OPERATING	4	
	1118550	TUBE ASSY, WING JOINT FLAP OPERATING	1	
- 54	AN320-3	NUT	1	
- 55	AN23-19	BOLT	4	
- 56	1118526	BLOCK, WING FLAP CONTROL UNIVERSAL JOINT	4	
- 57	1118550-6	PIN, WING JOINT FLAP OPERATING TUBE	2	
- 58	1202258	FORK, UNIVERSAL JOINT FLAP OPERATING	2	
- 59	1118550-2	TUBE, WING JOINT FLAP OPERATING (WELDED)	2	
- 60	2118473-6	PIN, OUTER WING FLAP OPERATING TUBE	1	
- 61	1202258	FORK, UNIVERSAL JOINT FLAP OPERATING	2	
- 62	1118494	SCREW, FLAP OPERATING TUBE CONNECTING	1	
- 63	AN316-8R	NUT	1	
- 64	AN316-8L	NUT	1	
- 65	1118491	BEARING, FLAP OPERATING TUBE LINK ATTACH (MAKE FROM S133916)	1	
- 66	2118473-8	TUBE, OUTER WING FLAP OPERATING (WELDED)	6	
- 67	2118473-4	TUBE, OUTER WING FLAP OPERATING (WELDED)	1	
			1	

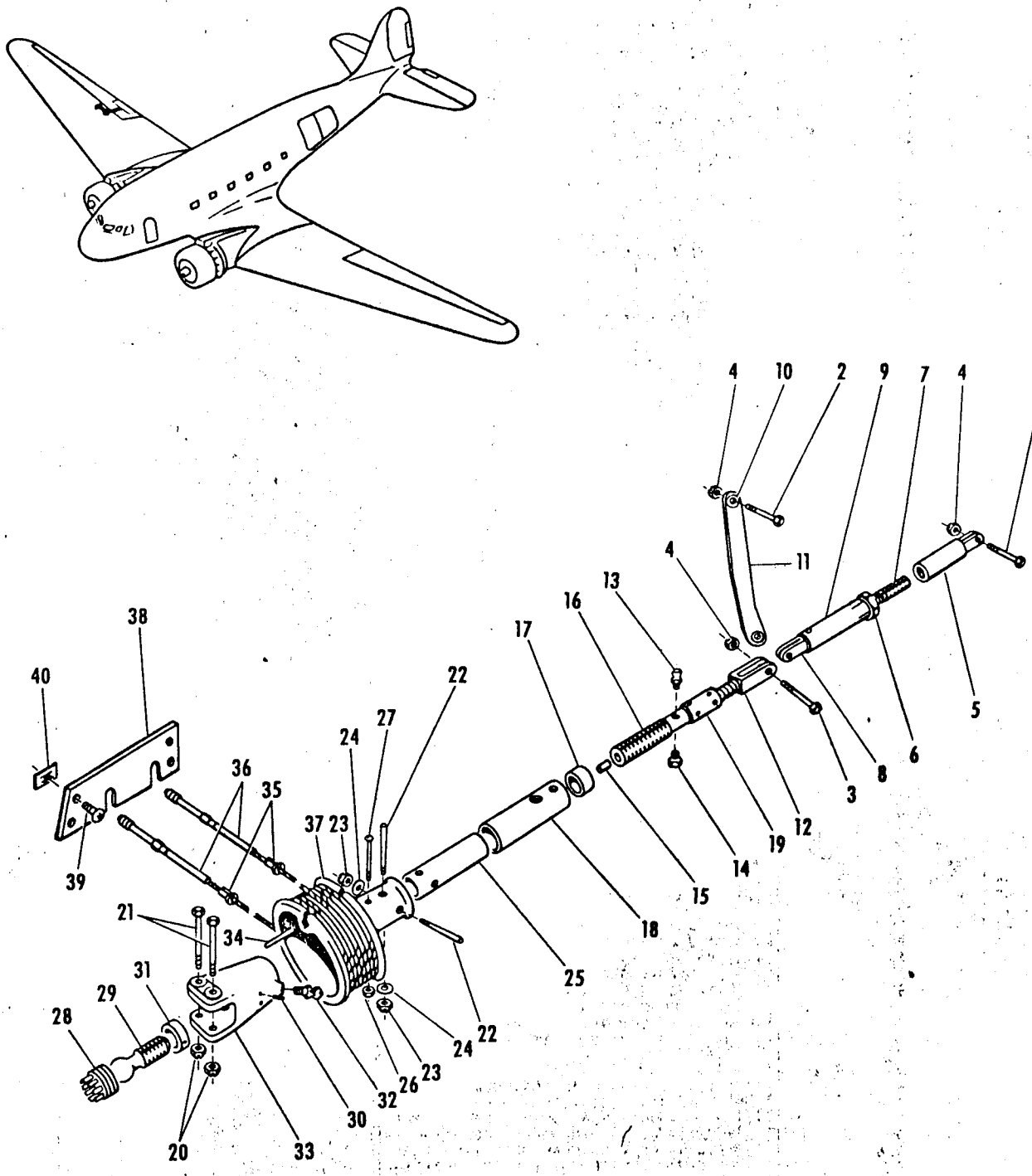

Figure 88. Outer Wing Flight Controls, RH

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FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
88	5110504-1	CONTROL INSTL, OUTER WING FLIGHT RH (SEE FIG. 2 FOR NHA)	REF	
		(SEE FIG. 87 FOR ADDITIONAL DETAILS)		
- 1	NAS1303-5D	BOLT, (ALT PN S111904-3-020)	1	
- 2	NAS1303-7D	BOLT, (ALT PN S111904-3-024)	1	
- 3	NAS1303-11D	BOLT, (ALT PN S111904-3-032)	1	
- 4	AN320-3	NUT	3	
	1117961	ROD ASSY, AILERON TAB CONTROL ATTACH PUSH	1	
- 5	1118084	END, AILERON TAB PUSH ROD ADJUSTABLE	1	
- 6	AN316-6R	NUT	1	
- 7	1117961-4	END, AILERON TAB CONTROL ATTACH PUSH ROD	1	
- 8	1118131	END, AILERON TAB CONTROL REAR PUSH ROD	1	
- 9	1117961-2	TUBE, AILERON TAB CONTROL ATTACH PUSH ROD	1	
	1117756	LINK ASSY, AILERON TAB CONTROL PUSH ROD	1	
- 10	A301-2	BEARING, (70417) (SIZE ID TO 0.1870/0.1800 ON INSTL)	2	
- 11	1117756-2	LINK, AILERON TAB CONTROL PUSH ROD	1	
	2117755	ROD ASSY, AILERON TAB CONTROL SCREW END PUSH	1	
- 12	1118085	END, AILERON TAB CONTROL FRONT PUSH ROD	1	
	1118150	SCREW ASSY, TAB CONTROL	1	
- 13	P46604	FITTING, (95879)	1	
- 14	1118803	PLUG, 12 X 36 LUBRICATOR	1	
- 15	1118150-2	PLUG, TAB CONTROL SCREW	1	
- 16	1118150-4	BAR, TAB CONTROL SCREW	1	
- 17	1118151	FILLER, AILERON TAB PUSH ROD	1	
- 18	2117755-2	TUBE, AILERON TAB CONTROL SCREW END PUSH ROD	1	
- 19	2117755-1	TUBE, AILERON TAB CONTROL SCREW END PUSH ROD	2	
- 20	AN310-4	NUT	2	
- 21	AN4-22	BOLT	1	
	2118148	DRUM ASSY, AILERON TAB CONTROL	2	
- 22	S124604-2-14	PIN, SPECIAL THREADED TAPER	2	
- 23	MS21044N08	NUT, (ALT PN AN365-832)	2	
- 24	AN960-8	WASHER	1	
- 25	1118200	NUT, ELEVATOR TAB DRUM ATTACH	1	
- 26	MS20341-6S	NUT, (ALT PN AN340-6)	1	
- 27	MS35206-236	SCREW, (ALT PN AN515-6-24)	1	
- 28	1118202	SOCKET, TAB CONTROL ADJUSTING	1	
- 29	1118203	BALL, TAB CONTROL UNIVERSAL	1	
- 30	AN507-440R5	SCREW	1	
- 31	1118198	SOCKET, TAB CONTROL	1	
	2117451	HOLDER ASSY, TAB CONTROL BALL AND SOCKET	1	
- 32	5523	LUBRICATOR, (36251) (ALT PN A5523 (36251))	1	
- 33	2117451-2	HOLDER, TAB CONTROL BALL AND SOCKET (MAKE FROM S2022604)	1	
- 34	S144185-107	PIN, CONTROL CABLE ANCHORING	1	
- 35	S139670	STOP, CONTROL CABLE	1	
- 36	S2074406CC32424	CABLE ASSY, 1/16 DIAMETER SWAGED	1	
- 37	2118197	DRUM, AILERON TAB CONTROL	1	
- 38	1118563	FAIRLEAD, OUTER WING TAB CONTROL CABLE STA 71	1	
		(ATTACHING PARTS)		
- 39	MS24621-31	SCREW, (ALT PN AN530-8-10)	4	
- 40	NAS446-4-1	NUT, (ALT PN 1778M1 (78553))	4	

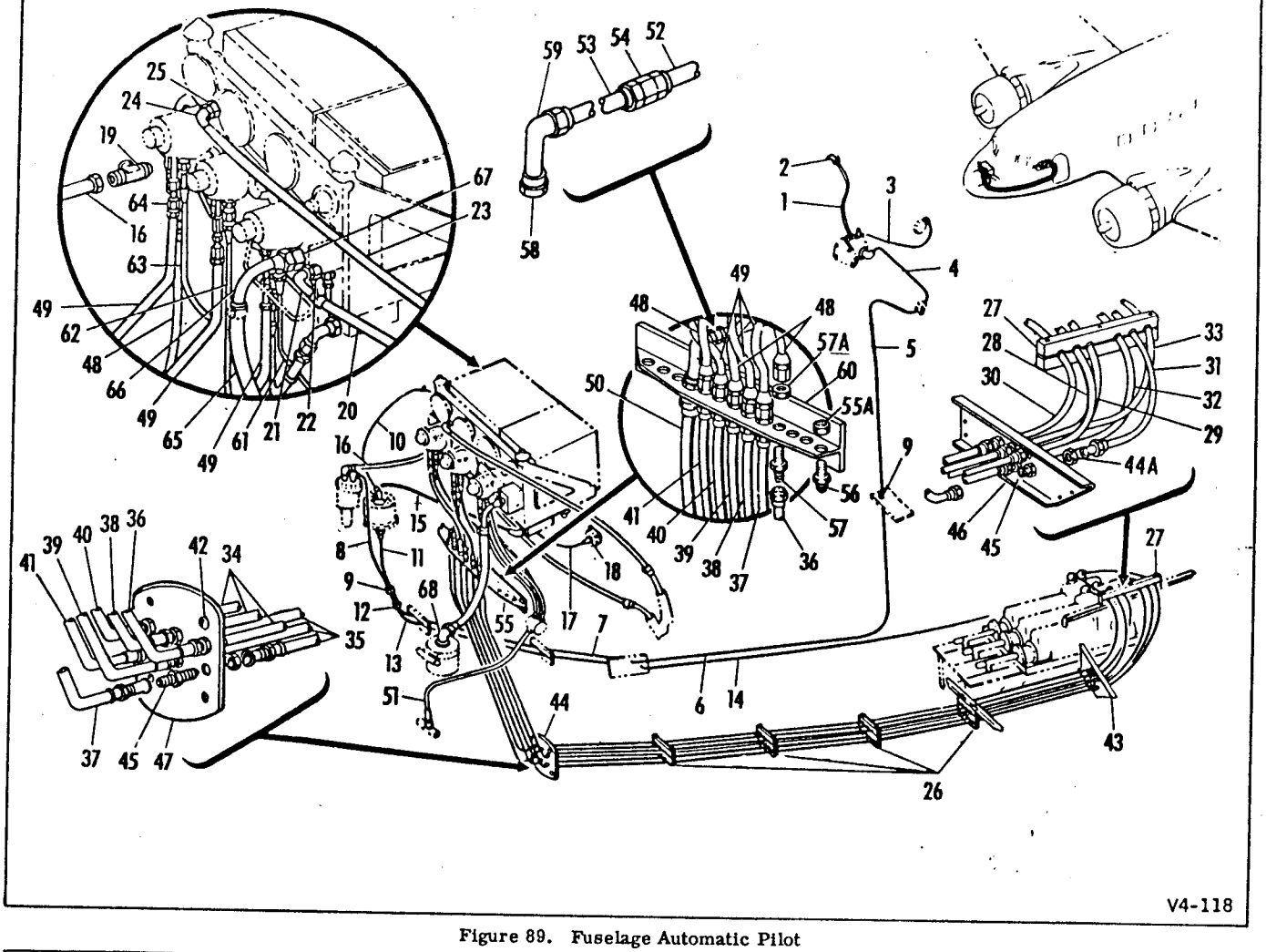

Figure 89. Fuselage Automatic Pilot

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
89	5141841	AUTOMATIC PILOT INSTL, FUSELAGE (SEE FIG. 16 FOR NHA)	REF	AC,F
	5202419	AUTOMATIC PILOT INSTL, FUSELAGE (SEE FIG. 16 FOR NHA)	REF	DE,L
- 1	5112306-29	PIPE ASSY, BRAKE RETURN LINE ELBOW TO OIL PRESSURE REGULATOR	1	E
- 2	AC811CT6D	ELBOW	1	DE,L
- 3	5112306-9	PIPE ASSY, SELECTOR VALVE TO OIL PRESSURE REGULATOR	1	AD,K
	5112306-28	PIPE ASSY, SELECTOR VALVE TO OIL PRESSURE REGULATOR	1	E
- 4	5112306-8	PIPE ASSY, OIL PRESSURE REGULATOR TO SHUTOFF VALVE	1	AC,F
	5112306-27	PIPE ASSY, OIL PRESSURE REGULATOR TO SHUTOFF VALVE	1	DE,L
- 5	5112306-7	PIPE ASSY, GYRO PILOT SHUTOFF VALVE TO UNION	1	
- 6	5112306-6	PIPE ASSY, UNION TO CONNECTOR PLATE	1	
- 7	5112306-5	PIPE ASSY, UNION TO CONNECTOR PLATE	1	
- 8	5112306-22	PIPE ASSY, UNION TO OIL FILTER	1	
- 9	AC811HT8D	UNION	1	
- 10	5112306-3	PIPE ASSY, DRAIN TRAP VENT	2	
- 11	5112306-21	PIPE ASSY, DRAIN TRAP TO UNION	1	
- 12	AC811HT6D	UNION	1	
- 13	5112306-1	PIPE ASSY, UNION TO CONNECTOR PLATE	1	
- 14	5112306-2	PIPE ASSY, CONNECTOR PLATE TO CONNECTOR PLATE	1	
- 15	5112307-13	PIPE ASSY, DRAIN TRAP TO DRAIN MANIFOLD	1	
- 16	5112307-11	PIPE ASSY, OIL FILTER TO PRESSURE MANIFOLD	1	
- 17	5112307-12	PIPE ASSY, OIL PRESSURE GAUGE TO PRESSURE MANIFOLD	1	
- 18	AC811FT3D	NIPPLE	1	
- 19	8-4-3RTD	TEE, (45681)	1	
- 20	5112307-15	PIPE ASSY, VACUUM MANIFOLD TO DIRECTIONAL CONTROL UNIT	1	AC,K
- 21	5112306-26	PIPE ASSY, VACUUM COUPLING	1	
- 22	AC811FT3D	NIPPLE	1	DE,L
	AC811FT8D	NIPPLE	1	AF
- 23	5112307-14	PIPE ASSY, BANK AND CLIMB UNIT TO VACUUM MANIFOLD	1	GH
- 24	5112306-17	PIPE ASSY, VACUUM COUPLING	1	
	5112306-17	PIPE ASSY, VACUUM COUPLING	2	AC,F
			1	DE,L

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
89				
- 25	8-4FTD	NIPPLE, (45681)	2	AC,F
	8-4FTD	NIPPLE, (45681)	1	D
	5118068	CLAMP INSTL, SERVO LINE STA 49	1	
	5118081	CLAMP INSTL, SERVO LINE STA 63	1	
	5118059	CLAMP INSTL, SERVO LINE STA 76	1	
	5118021	CLAMP INSTL, SERVO LINE STA 86	1	
- 26	1117219	CLAMP, FUSELAGE AUTOMATIC PILOT LINE	1	
	5119326	CLAMP INSTL, AUTOMATIC PILOT FLEXIBLE LINE	1	
- 27	1119208	CLAMP ASSY, AUTOMATIC PILOT FLEXIBLE LINE	1	
- 28	5112307-3	PIPE ASSY, FORWARD SERVO RUDDER TO CONNECTOR PLATE STA 103	1	
- 29	5112307-5	PIPE ASSY, FORWARD SERVO AILERON TO CONNECTOR PLATE STA 103	1	
- 30	5112307-1	PIPE ASSY, FORWARD SERVO ELEVATOR TO CONNECTOR PLATE STA 103	1	
- 31	5112307-4	PIPE ASSY, AFT SERVO RUDDER TO CONNECTOR PLATE STA 103	1	
- 32	5112307-6	PIPE ASSY, AFT SERVO AILERON TO CONNECTOR PLATE STA 103	1	
- 33	5112307-2	PIPE ASSY, AFT SERVO ELEVATOR TO CONNECTOR PLATE STA 103	1	
- 34	5112306-16	PIPE ASSY, CONNECTOR PLATE TO CONNECTOR PLATE STA 30 TO 103	3	
- 35	5112306-20	PIPE ASSY, CONNECTOR PLATE TO CONNECTOR PLATE STA 30 TO 103	3	
- 36	5112306-10	PIPE ASSY, CONNECTOR PLATE TO MANIFOLD STA 30	1	
- 37	5112306-11	PIPE ASSY, CONNECTOR PLATE TO MANIFOLD STA 30	1	
- 38	5112306-12	PIPE ASSY, CONNECTOR PLATE TO MANIFOLD STA 30	1	
- 39	5112306-13	PIPE ASSY, CONNECTOR PLATE TO MANIFOLD STA 30	1	
- 40	5112306-14	PIPE ASSY, CONNECTOR PLATE TO MANIFOLD STA 30	1	
- 41	5112306-15	PIPE ASSY, CONNECTOR PLATE TO MANIFOLD STA 30	1	
	5117563	PLATE INSTL, LINE CONNECTOR STA 103	1	
	5119118	PLATE INSTL, SERVO LINE CONNECTOR STA 30	1	
- 42	MS35206-244	SCREW, (ALT PN AN515-8-7) (USED ON 5119118)	4	
- 43	2117615	PLATE ASSY, LINE CONNECTOR (USED ON 5117563)	1	
- 44	2118648	PLATE ASSY, SERVO LINE CONNECTOR (USED ON 5119118)	1	
- 44A	11-3039-1-5D	NUT, LOCK (45681)	6	
- 45	3115-1HT6D	COUPLING, BULKHEAD (45681)	6	
- 46	2117345	PLATE, LINE CONNECTOR (USED ON 2117615)	1	
- 47	2118649	PLATE, SERVO LINE CONNECTOR (USED ON 2118648)	1	
- 48	5112307-17	PIPE ASSY, MANIFOLD TO BALANCED OIL VALVE	3	
- 49	5112307-18	PIPE ASSY, MANIFOLD TO BALANCED OIL VALVE	3	
- 50	5112306-4	PIPE ASSY, CHECK VALVE TO MANIFOLD	1	AC,F
- 51	5112306-25	PIPE ASSY, MANIFOLD TO CHECK VALVE	1	DE,L
- 52	5112307-10	PIPE ASSY, SPEED VALVE TO MANIFOLD	1	AC,F
- 53	5112306-30	PIPE ASSY, MANIFOLD TO LINE	1	C
- 54	AC811HT4D	UNION	1	C
	5117392	MANIFOLD INSTL, SERVO LINE CONNECTOR	1	
- 55	2117087	MANIFOLD ASSY, SERVO LINE CONNECTOR	1	AC,F
	2202418	MANIFOLD ASSY, SERVO LINE CONNECTOR	1	DE,L
- 55A	11-1039-1-3D	NUT, LOCK (45681)	12	AC,F
	11-1039-1-3D	NUT, LOCK (45681)	14	D
- 56	3115-1HT4D	COUPLING, (45681)	6	AC
	3115-1HT4D	COUPLING, (45681)	8	DE,L
- 57	4-1740-5-6-4D	UNION, (45681)	6	
- 57A	11-1039-1-10D	NUT, LOCK (45681)	1	AC,F
- 58	3115-1GT8D	CONNECTOR, (45681)	1	AC,F
- 59	8CCT-D	ELBOW, (45681)	1	AC,F
- 60	4117683	MANIFOLD, SERVO LINE CONNECTOR (MAKE FROM S167887-1600)	1	
- 61	5112307-7	PIPE ASSY, RUDDER SPEED VALVE TO CONTROL UNIT	1	AC,F
	5112307-20	PIPE ASSY, RUDDER SPEED VALVE TO CONTROL UNIT	1	DE,L
- 62	5112307-8	PIPE ASSY, AILERON SPEED VALVE TO CONTROL UNIT	1	AC,F
	5112307-21	PIPE ASSY, AILERON SPEED VALVE TO CONTROL UNIT	1	DE,L
- 63	5112307-9	PIPE ASSY, ELEVATOR SPEED VALVE TO CONTROL UNIT	1	AC,F
	5112307-22	PIPE ASSY, ELEVATOR SPEED VALVE TO CONTROL UNIT	1	DE,L
- 64	AC811FT4D	NIPPLE	9	
- 65	5112307-19	PIPE ASSY, AIR INTAKE TO VACUUM AIR FILTER	1	A,FG
	5112307-23	PIPE ASSY, AIR INTAKE TO VACUUM AIR FILTER	1	BE,H
- 66	5112306-23	PIPE ASSY, AIR FILTER COUPLING	1	
- 67	12-8FT-D	NIPPLE, (45681)	1	
- 68	AN844-12D	ELBOW	1	BE,L

A 013 THRU 035, 146 THRU 148, 555 AND 558
B 036 THRU 045
C 046 THRU 056, 556 AND 557
D 149 THRU 172, 210 THRU 279 AND 528 THRU 531
E 173 THRU 177, 280 THRU 527 AND 532 THRU 554
F 001 THRU 012
G 057 THRU 092 AND 178
H 093 THRU 145 AND 179 THRU 209
J 001 THRU 012, 057 THRU 092 AND 178
K 001 THRU 012, 057 THRU 145 AND 178 THRU 209
L 057 THRU 145 AND 178 THRU 209

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

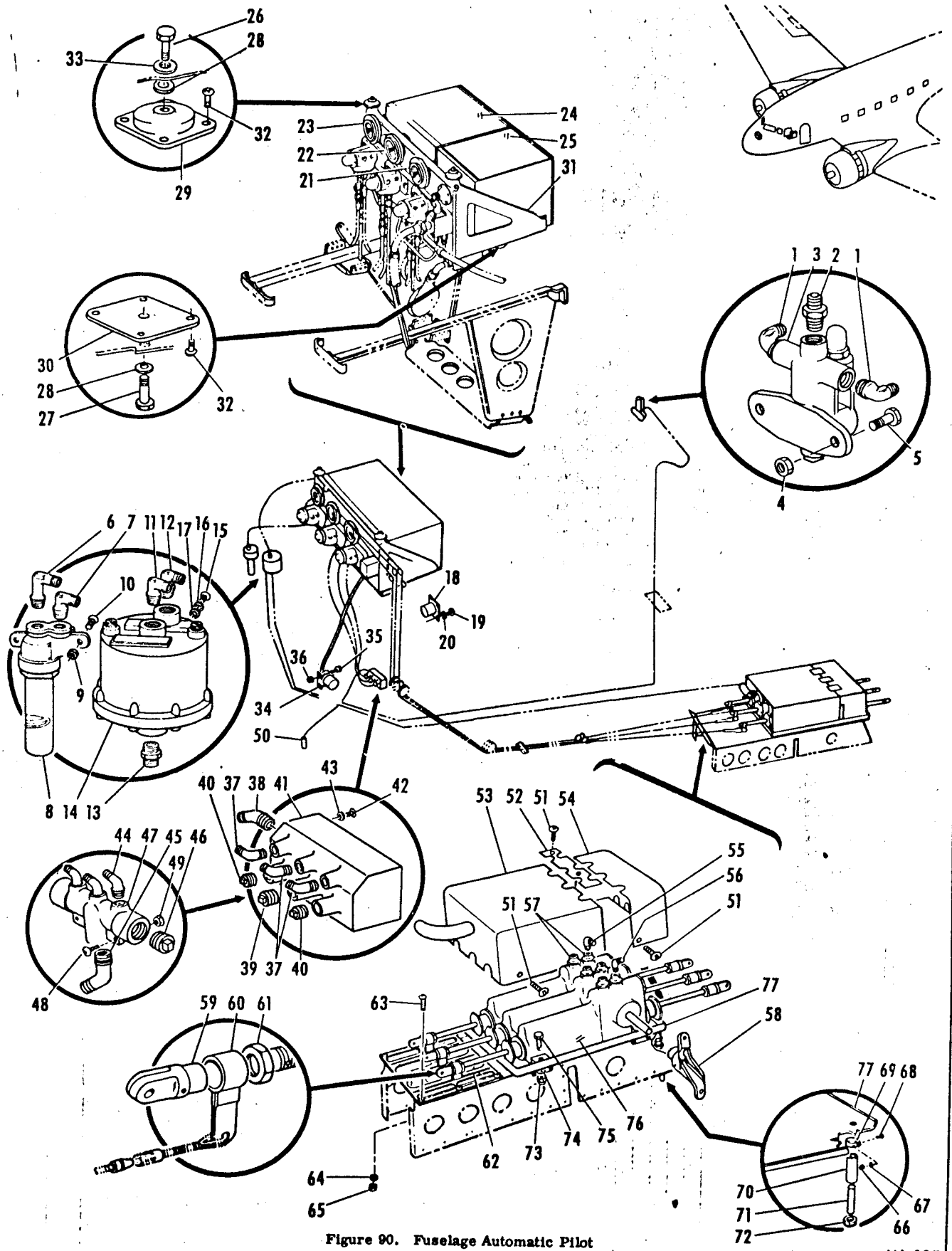

Figure 90. Fuselage Automatic Pilot

V4-135

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
90	5141841	AUTOMATIC PILOT INSTL, FUSELAGE (SEE FIG. 16 FOR NHA)	REF	AB,D
	5202419	AUTOMATIC PILOT INSTL, FUSELAGE (SEE FIG. 16 FOR NHA)	REF	C,E
	5117677	REGULATOR INSTL, AUTOMATIC PILOT OIL PRESSURE	1	AB,D
	5142709	REGULATOR INSTL, AUTOMATIC PILOT OIL PRESSURE	1	C,E
- 1	AC811CT8D	ELBOW	2	
- 2	AAF811FT8D	NIPPLE	1	C,E
	644256	REGULATOR, OIL PRESSURE (56232)	1	AB,D
- 3	JH3120	REGULATOR, OIL PRESSURE (31435) (GFAE)	1	C,E
		(ATTACHING PARTS)		
	MS21044N4	NUT, (ALT PN AN365-428)	4	AB,D
- 4	MS21044N4	NUT, (ALT PN AN365-428)	2	C,E
	AN4-6A	BOLT	4	AB,D
- 5	AN4-6A	BOLT	2	C,E
	5117203	TRAP INSTL, AUTOMATIC PILOT OIL FILTER AND DRAIN	1	AB,D
	5202420	TRAP INSTL, AUTOMATIC PILOT OIL FILTER AND DRAIN	1	C,E
- 6	8CCCT-D	ELBOW, (45681)	1	
- 7	AC811CT8D	ELBOW	1	
	648039	FILTER ASSY, OIL (56232)	1	AB,D
- 8	JH3128	FILTER ASSY, OIL (31435) (GFAE)	1	C,E
		(ATTACHING PARTS)		
	MS21044N3	NUT, (ALT PN AN365-1032)	4	AB,D
- 9	MS21044N3	NUT, (ALT PN AN365-1032)	2	C,E
	MS35207-265	SCREW, (ALT PN AN520-10-12)	4	AB,D
- 10	MS35207-265	SCREW, (ALT PN AN520-10-12)	2	C,E
- 11	AC811CT45-4D	ELBOW	1	
- 12	AC811CT45-6D	ELBOW	1	
- 13	AC811FT6D	NIPPLE	1	
	641775	TRAP ASSY, DRAIN (56232)	1	AB,D
- 14	B3050	TRAP ASSY, DRAIN (31435)	1	C,E
		(ATTACHING PARTS)		
- 15	MS35207-279	SCREW, (ALT PN AN520-416-8)	4	
- 16	AN960-416	WASHER	4	
- 17	MS35338-44	WASHER, (ALT PN AN935-416)	4	
	131F04	GAGE ASSY, AUTOMATIC PILOT OIL PRESSURE (89944)	1	AB,D
- 18	JH6008	GAGE ASSY, AUTOMATIC PILOT OIL PRESSURE (TYPE H2) (AAF SPEC 94-27920) (GFAE)	1	C,E
		(ATTACHING PARTS)		
- 19	MS35214-41	SCREW, (ALT PN AN515B8-7)	4	
- 20	MS35337-42	WASHER, (ALT PN AN935-8L)	4	
- 21	JH20-5	PULLEY ASSY, RUDDER FOLLOW UP 1-1/2 IN. (31435)	1	C,E
- 22	JH20-8	PULLEY ASSY, AILERON FOLLOW UP 2 IN. (31435)	1	C,E
- 23	JH20-7	PULLEY ASSY, ELEVATOR FOLLOW UP 1-3/4 IN. (31435)	1	C,E
	648011	UNIT ASSY, BANK AND CLIMB CONTROL (56232)	1	AB,D
- 24	JH6000	UNIT ASSY, BANK AND CLIMB CONTROL (31435) (GFAE)	1	C,E
	648080	UNIT ASSY, DIRECTIONAL CONTROL (56232)	1	AB,D
- 25	JH5000	UNIT ASSY, DIRECTIONAL CONTROL (31435) (GFAE)	1	C,E
- 26	AN4C14	BOLT, SPECIAL	2	
- 27	AN4C12	BOLT, SPECIAL	2	
- 28	NAS43DD-18	SPACER (ALT PN S117425-4D009)	2	

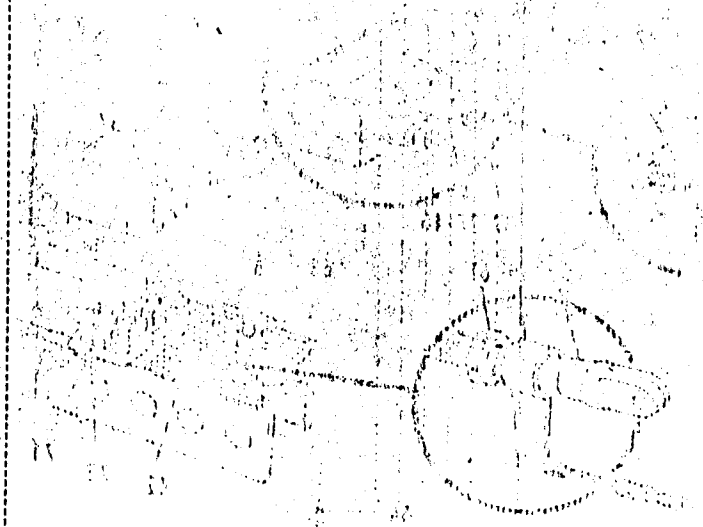

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
90				
- 29	150P4	MOUNT, SHOCK UPPER (76005)	2	C,E
- 30	150P8	MOUNT, SHOCK LOWER (76005)	2	C,E
	643917	UNIT ASSY, AUTOMATIC PILOT MOUNTING (56232)	1	AB,D
- 31	JH4000-1	UNIT ASSY, BANK, CLIMB AND TURN MOUNTING (WITH ADJUSTABLE BLEED) (31435) (GFAE)	1	C,E
		(ATTACHING PARTS)		
- 32	MS35206-245	SCREW, (ALT PN AN515-8-8)	16	
- 33	MS35338-44	WASHER, (ALT PN AN935-416)	4	
	SK7280	FILTER ASSY, VACUUM AIR (81321)	1	B
- 34	AN5822-1	FILTER ASSY, (GFAE)	1	C,E
		(ATTACHING PARTS)		
- 35	AN4-6A	BOLT	2	BC,E
	MS21044D4	NUT, (ALT PN AN365D428)	2	B
- 36	MS21044N4	NUT, (ALT PN AN365-428)	2	C,E
- 37	AC811CT45-4D	ELBOW	3	D
- 38	AC811CT8D	ELBOW	1	D
- 39	AN932C3	PLUG, (ALT PN AAF895B101)	1	AB,D
- 40	AN932C4	PLUG, (ALT PN AAF895B102)	2	AB,D
- 41	644255	VALVE, SPEED (56232)	1	AB,D
		(ATTACHING PARTS)		
- 42	AN520UB10R2	SCREW, (ALT PN AN520B10-2)	4	AB,D
- 43	AN960B10	WASHER	4	AB,D
	5202364	MANIFOLD INSTL, AUTOMATIC PILOT	1	C,E
- 44	AAF811CT45-4D	ELBOW	3	C,E
- 45	AAF811CT45-8D	ELBOW	1	C,E
- 46	MS20913-3	PLUG, (ALT PN AC895B72)	2	C,E
- 47	JH3139	MANIFOLD, AUTOMATIC PILOT (31435)	1	C,E
		(ATTACHING PARTS)		
- 48	MS24621-31	SCREW, (ALT PN AN530-8-10)	2	C,E
- 49	NAS446-4-1	NUT, (ALT PN 1778M1 (78553))	2	C,E
			2	C,E
- 50	1135812	VALVE, AUTOMATIC PILOT EXHAUST CHECK	1	
	5116435	UNIT INSTL, AUTOMATIC PILOT SERVO	1	AB,D
	5142884	UNIT INSTL, AUTOMATIC PILOT SERVO	1	C,E
- 51	MS24621-29	SCREW, (ALT PN AN530-8-6)	6	AB,D
- 52	1202715	SPLICE, SERVO UNIT COVER	1	AB,D
- 53	4202704	COVER ASSY, SERVO UNIT	1	AB,D
- 54	4203713	COVER ASSY, SERVO UNIT AFT HALF	1	AB,D
- 55	AC811CT45-6D	ELBOW	2	
- 56	AC811CT6D	ELBOW	4	
- 57	172929	ADAPTER, (56232)	6	AB,D
- 58	2117832	BELLCRANK ASSY, SERVO UNIT	1	
- 59	S139187	CLEVIS, AUTOMATIC PILOT SERVO UNIT	6	
- 60	1117831	LINK, AUTOMATIC PILOT FOLLOW UP CABLE (MAKE FROM S143932)	3	C,E
- 61	AN316-6R	NUT	6	
- 62	4116899	GUIDE, AUTOMATIC PILOT FOLLOW UP CABLE ARM	1	
		(ATTACHING PARTS)		
- 63	MS35207-264	SCREW, (ALT PN AN520-10-10)	6	
- 64	AN960-10	WASHER	6	
- 65	MS21044N3	NUT, (ALT PN AN365-1032)	6	

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
90				
- 66	MS20341-8S	NUT, (ALT PN AN340-8)	2	C,E
- 67	MS35337-42	WASHER (ALT PN AN935-8L)	2	C,E
- 68	MS35206-244	SCREW, (ALT PN S1027301-8-7)	2	C,E
- 69	A3122-8-59	CLAMP, (78553)	2	C,E
- 70	5112306-19	TUBE, SYNTHETIC RUBBER (PN S1080930-08D064-426)	1	C,E
		PIPE ASSY, SERVO DRAIN LINE	1	AB,D
- 71	1142907	TUBE, SERVO UNIT OUTSIDE DRAIN	1	C,E
	AC811FT4D	NIPPLE	1	AB,D
	MS35489-6	GROMMET, (ALT PN AN931-4-7)	1	AB,D
- 72	MS35489-11	GROMMET, (ALT PN AN931-6-10)	1	C,E
- 73	MS21044N5	NUT, (ALT PN AN365-524)	4	
- 74	AN960-516	WASHER	4	
- 75	AN5-10A	BOLT	4	
	644191	UNIT, SERVO 8 IN. (56232)	1	AB,D
- 76	JH3110M8D3A	UNIT, SERVO 8 IN. (31435)	1	C,E
	75668	PAN ASSY, (56232)	1	AB,D
- 77	4176982	PAN ASSY, SERVO UNIT DRIP	1	C,E
	5118545	CABLE INSTL, AUTOMATIC PILOT FOLLOW UP (SEE FIG. 91 FOR DETAILS)	1	
	5118747	CONTROL INSTL, AUTOMATIC PILOT SHUTOFF (SEE FIG. 92 FOR DETAILS)	1	
		A 026 THRU 035, 555 AND 558		
		B 036 THRU 056, 556 AND 557		
		C 149 THRU 177 AND 210 THRU 554		
		D 001 THRU 025 AND 146 THRU 148		
		E 057 THRU 145 AND 178 THRU 209		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

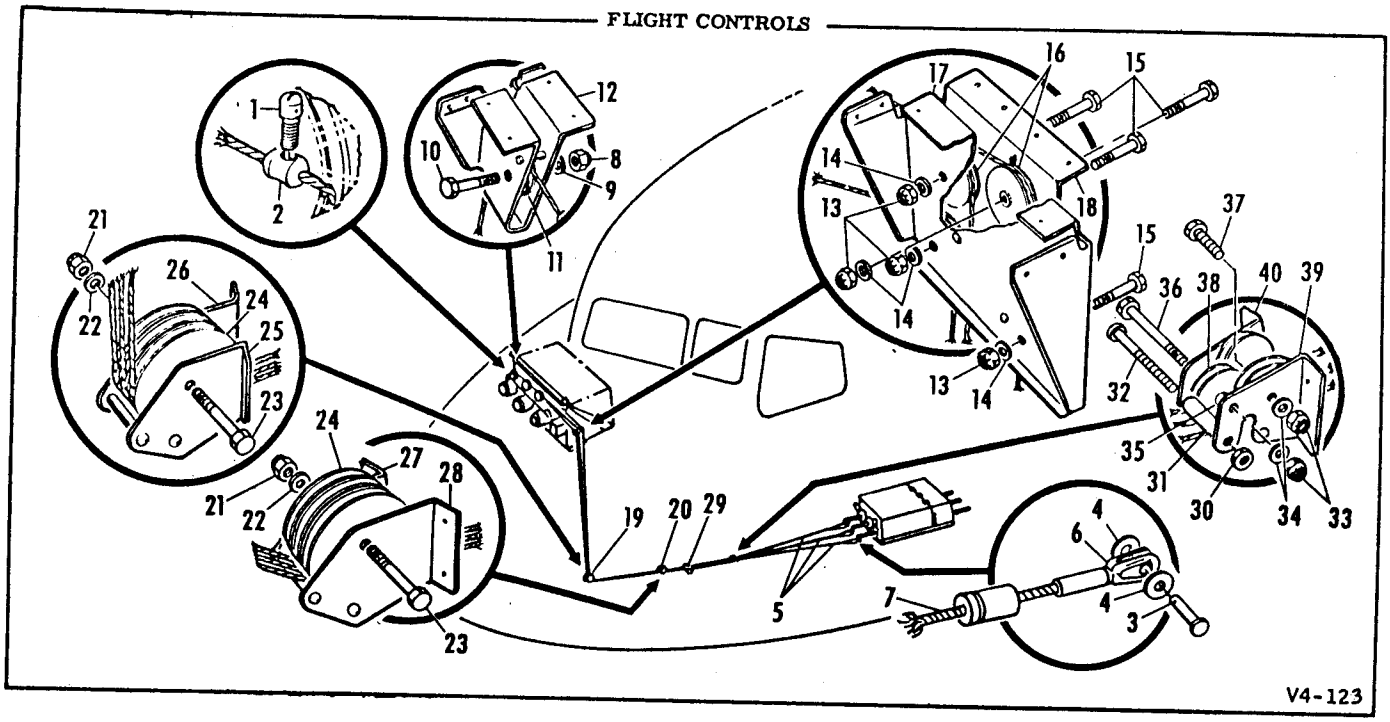

Figure 91. Automatic Pilot Follow-up Cable

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
91	5118545	CABLE INSTL, AUTOMATIC PILOT FOLLOW-UP (SEE FIG. 90 FOR NHA)	REF	
- 1	AN503-6R4	SCREW	3	
- 2	S1031080	NUT, FOLLOW UP PULLEY CABLE ATTACH	3	
- 3	MS20392-2C13	PIN, (ALT PN AN393-13)	3	
- 4	AN960C10	WASHER	6	
- 5	2143452-1	CABLE ASSY, AUTOMATIC PILOT FOLLOW UP	3	
- 6	1143104	SNAP ASSY, AUTOMATIC PILOT SHEAR LINK	1	
- 7	2143452-10	CABLE ASSY, AUTOMATIC PILOT FOLLOW UP	1	
	4118187	BRACKET ASSY, AUTOMATIC PILOT UPPER PULLEY	1	
- 8	AN310-3	NUT	1	
- 9	AN960-10	WASHER	1	
- 10	AN3-6	BOLT	1	
- 11	MS24566-1B	PULLEY, (ALT PN AN210-1A)	1	
- 12	4118187-2	BRACKET, AUTOMATIC PILOT UPPER PULLEY	1	
	4117666	BRACKET ASSY, AUTOMATIC PILOT OUTBOARD PULLEY	1	
- 13	AN310-3	NUT	4	
- 14	AN960-10	WASHER	4	
- 15	AN3-6	BOLT	4	
- 16	MS24566-1B	PULLEY, (ALT PN AN210-1A)	4	
- 17	4117666-2	BRACKET, AUTOMATIC PILOT OUTBOARD PULLEY	1	
- 18	4117666-4	BACK, AUTOMATIC PILOT OUTBOARD PULLEY BRACKET	1	
- 19	2130236	PULLEY ASSY, AUTOMATIC PILOT CABLE STA 30	1	
- 20	2130194	PULLEY ASSY, AUTOMATIC PILOT CABLE STA 40	1	
- 21	AN310-3	NUT	1	
- 22	AN960-10	WASHER	1	
- 23	AN3-13	BOLT	1	
- 24	MS24566-2B	PULLEY, (ALT PN AN210-2A)	1	
- 25	2130234	BRACKET, AUTOMATIC PILOT CABLE PULLEY STA 30 LH	3	
- 26	2130235	BRACKET, AUTOMATIC PILOT CABLE PULLEY STA 30 RH	1	
- 27	2130193	BRACKET, AUTOMATIC PILOT CABLE PULLEY STA 40 LH	1	
- 28	2130192	BRACKET, AUTOMATIC PILOT CABLE PULLEY STA 40 RH	1	
- 29	1130216	FAIRLEAD, AUTOMATIC PILOT FOLLOW UP CABLE	1	
	2130227	PULLEY ASSY, AUTOMATIC PILOT CABLE STA 63	1	
- 30	MS21044N08	NUT, (ALT PN AN365-832)	1	
- 31	NAS43HT2-70	SPACER, (ALT PN S117425-2D103)	1	
- 32	MS35206-251	SCREW, (ALT AN515-8-24)	1	
- 33	AN310-3	NUT	1	
- 34	AN960-10	WASHER	3	
- 35	NAS43HT3-26	SPACER, (ALT PN S117425-3D013)	3	
- 36	AN3-14	BOLT	2	
- 37	AN3-5	BOLT	1	
- 38	MS24566-1B	PULLEY, (ALT PN AN210-1A)	2	
- 39	2130228	BRACKET ASSY, AUTOMATIC PILOT CABLE PULLEY STA 63 LH	3	
- 40	2130228-1	BRACKET ASSY, AUTOMATIC PILOT CABLE PULLEY STA 63 RH	1	
			1	

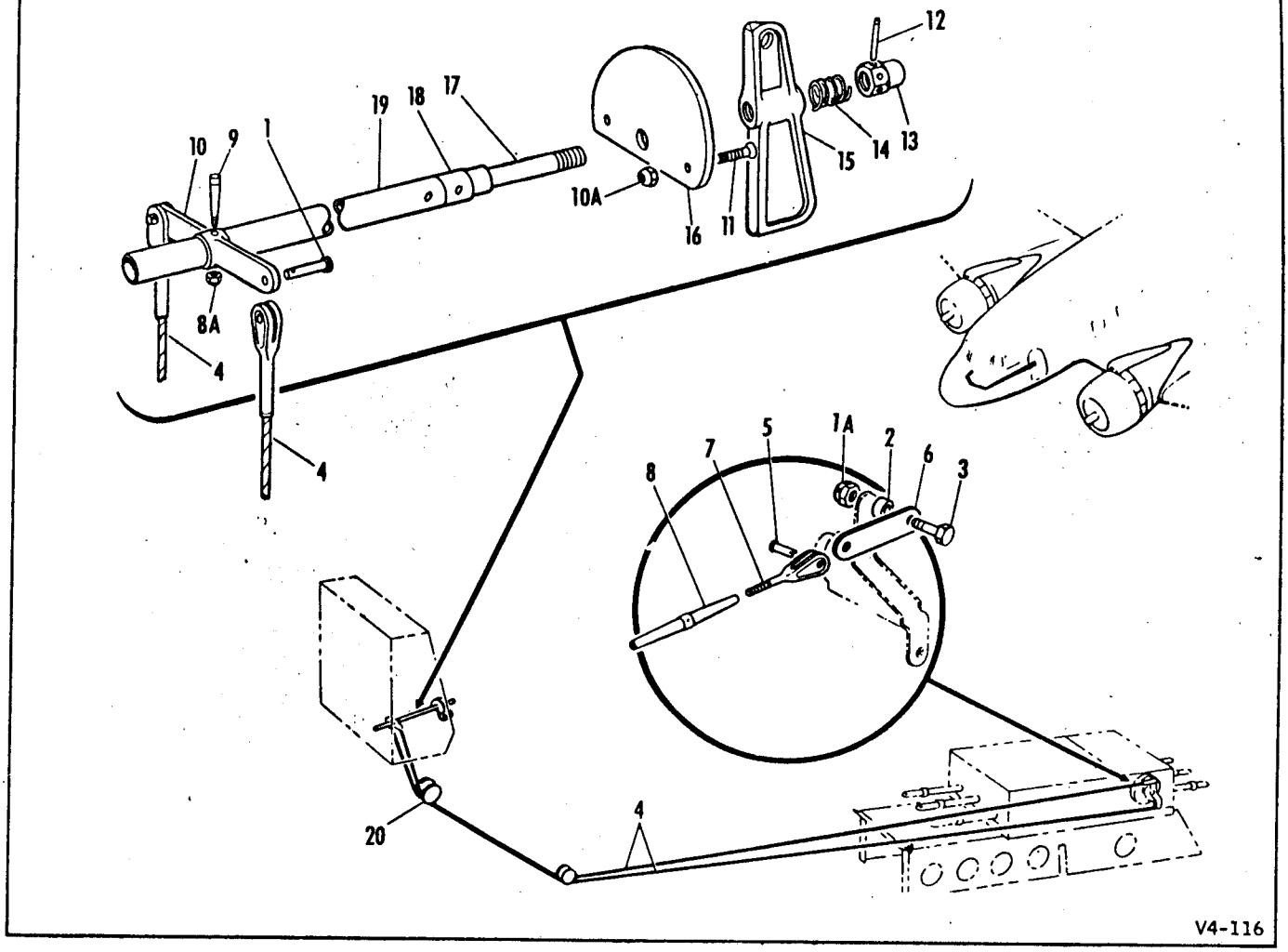

Figure 92. Automatic Pilot Shutoff Controls

FIGURE & INDEX NO.	PART NUMBER.	DESCRIPTION 1 2 3 4 5 6 7	U/A	USE CODE
92	5118747	CONTROL INSTL, AUTOMATIC PILOT SHUTOFF (SEE FIG. 90 FOR NHA)	REF	
- 1	MS20392-2C9	PIN, (ALT PN AN393-9)	2	
- 1A	AN310-3	NUT	2	
- 2	S1026614-03-003	SPACER, OD BEARING	2	
- 3	AN3-5	BOLT	2	
- 4	2118818	CABLE ASSY, AUTOMATIC PILOT SHUTOFF	2	
- 5	MS20392-2C9	PIN, (ALT PN AN393-9)	1	
- 6	1118998	LINK, AUTOMATIC PILOT SHUTOFF CABLE	1	
- 7	MS21252-2RS	FORK, (ALT PN AN160-8S)	1	
- 8	MS21251B2RS	BARREL, (ALT PN AN155-8S)	1	
- 8A	MS21044N06	NUT, (ALT PN AN365-632)	1	
- 9	S124604-10-8	PIN, SPECIAL THREADED TAPER	1	
- 10	2119345-3	BELLCRANK, CROSSFEED AND AUTOMATIC PILOT CONTROL SHAFT (MAKE FROM S2005873)	1	
- 10A	MS21044D06	NUT, (ALT PN AN365D632)	2	
- 11	MS35190-238	SCREW, (ALT PN AN505-6-8)	2	
	2118735	CONTROL ASSY, AUTOMATIC PILOT SHUTOFF VALVE	1	
- 12	2118735-6	PIN, AUTOMATIC PILOT SHUTOFF VALVE CONTROL	1	
- 13	AAF34A2066	NUT	1	
- 14	1118855	SPRING, AUTOMATIC PILOT SHUTOFF VALVE CONTROL	1	
- 15	AC33B6001	HANDLE, AUTOMATIC PILOT SHUTOFF VALVE CONTROL	1	
- 16	114125A	PLATE ASSY, BASE (17746)	1	
- 17	AC34A2063	SHAFT, AUTOMATIC PILOT SHUTOFF VALVE CONTROL	1	
- 18	S1004331	END, AUTOMATIC PILOT SHUTOFF VALVE CONTROL	1	
- 19	2118735-2	TUBE, AUTOMATIC PILOT SHUTOFF VALVE CONTROL	1	
- 20	MS24566-2B	PULLEY, (ALT PN AN210-2A)	2	

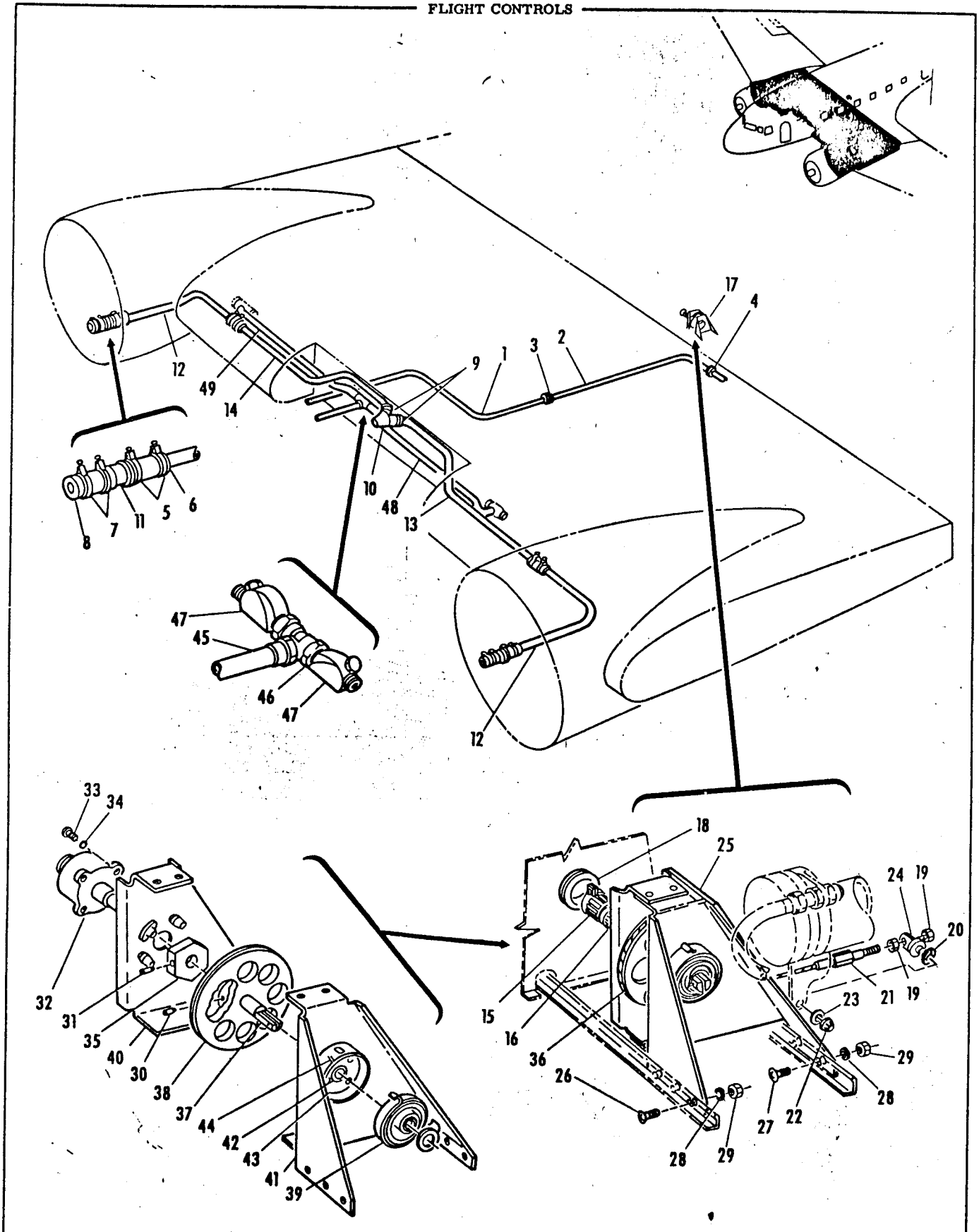

Figure 93. Center Wing Instrument and Automatic Pilot

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FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
93		CENTER WING INSTRUMENT AND AUTOMATIC PILOT		
	5110514	INSTRUMENT INSTL, CENTER WING (SEE FIG. 6A FOR NHA)	REF	
- 1	5116700-1	PIPE ASSY, PLATE TO UNION STATIC VENT LINE	1	
- 2	5116700-2	PIPE ASSY, UNION TO STATIC VENT OUTLET	1	
- 3	AC811HT4D	UNION	1	
- 4	MS35489-6	GROMMET, (ALT PN AN931-4-7)	1	
- 5	MS21919DG13	CLAMP, (ALT PN FB15 (66295))	8	
- 6	AN884-14-12	HOSE	4	
- 7	AN737TW44-46	CLAMP, (ALT PN AN737-44-46)	4	
- 8	5394275-13	HOSE	2	
- 9	MS21919DG11	CLAMP, (ALT PN FB13 (66295))	3	
- 10	1118574	COUPLING, 7/8 VACUUM LINE WYE	1	
- 11	557-4	VALVE ASSY, CHECK (19315)	2	
	557-3	VALVE ASSY, CHECK (19315)	2	
- 12	6800-158300	PIPE ASSY, HOSE TO FIREWALL (SEE T.O. 1C-1-31)	2	
- 13	5116700-3	PIPE ASSY, WYE COUPLING TO HOSE LH	1	A
	5116700-7	PIPE ASSY, WYE COUPLING TO HOSE LH	1	B
- 14	5116700-5	PIPE ASSY, WYE COUPLING TO HOSE RH	1	A
	5116700-8	PIPE ASSY, WYE COUPLING TO HOSE RH	1	B
- 15	MS3057-6C	CLAMP, (ALT PN AN5057-6)	1	
- 16	MS3106R14S2S	CONNECTOR, (ALT PN AN3106-14S2S)	1	
- 17	5188084	TRANSMITTER INSTL, FLAP POSITION	1	
- 18	MS35489-27	GROMMET, (ALT PN AN931-24-28)	1	
- 19	AN345-6	NUT	2	
- 20	MS35338-41	WASHER, (ALT PN AN935-6)	1	
- 21	2188086	CABLE ASSY, FLAP POSITION TRANSMITTER	1	
- 22	AN310-3	NUT	1	
- 23	AN960-10	WASHER	1	
- 24	AN42-5	EYEBOLT	1	
- 25	5188085	SUPPORT ASSY, FLAP POSITION TRANSMITTER	1	
		(ATTACHING PARTS)		
- 26	MS35206-244	SCREW, (ALT PN AN515-8-7)	3	
- 27	AN515-8R9	SCREW	2	
- 28	AN960-8	WASHER	5	
- 29	MS21044D08	NUT, (ALT PN AN365D832)	5	
- 30	AN565A4-4	SCREW, (ALT PN AN566A4-4)	1	
- 31	AN565A4-5	SCREW, (ALT PN AN566A4-5)	1	
- 32	8TJ9PDD	TRANSMITTER ASSY, FLAP POSITION (08799)	1	
		(ATTACHING PARTS)		
- 33	MS35206-230	SCREW, (ALT PN AN515-6-8)	4	
- 34	AN960-6	WASHER	4	
- 35	1188088	NUT, FLAP POSITION TRANSMITTER ADJUSTING	1	
- 36	2188116	PULLEY ASSY, FLAP POSITION TRANSMITTER	1	
- 37	2188035	SHAFT ASSY, FLAP POSITION TRANSMITTER PULLEY	1	
- 38	2188116-2	PULLEY, FLAP POSITION TRANSMITTER	1	
- 39	1188087	SPRING, FLAP POSITION TRANSMITTER PULLEY	1	
- 40	4188092	BRACKET ASSY, FLAP POSITION TRANSMITTER	1	
- 41	4188012	BRACKET ASSY, FLAP POSITION TRANSMITTER SUPPORT	1	
	1188089	ADAPTER ASSY, FLAP POSITION TRANSMITTER SHAFT	1	
- 42	A524	BEARING, (70417)	1	
- 43	1188089-2	ADAPTER, FLAP POSITION TRANSMITTER SHAFT	1	
- 44	1188090	DRUM, FLAP POSITION TRANSMITTER	1	
	5110515	AUTOMATIC PILOT INSTL, CENTER WING (SEE FIG. 6A FOR NHA)	REF	
- 45	5116701-1	PIPE ASSY, CONNECTOR PLATE TO TEE	1	
- 46	4-4-6MMT-D	TEE, (92003)	1	
- 47	554-6D	VALVE ASSY, CHECK (95750) (ALT PN 525FT6D (92003))	2	
- 48	5116701-3	PIPE ASSY, CHECK VALVE TO TEE LH	*1	
- 49	5116701-2	PIPE ASSY, CHECK VALVE TO TEE RH	1	

A 001, 002 AND 026
B 003 THRU 025 AND 027 THRU 558

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

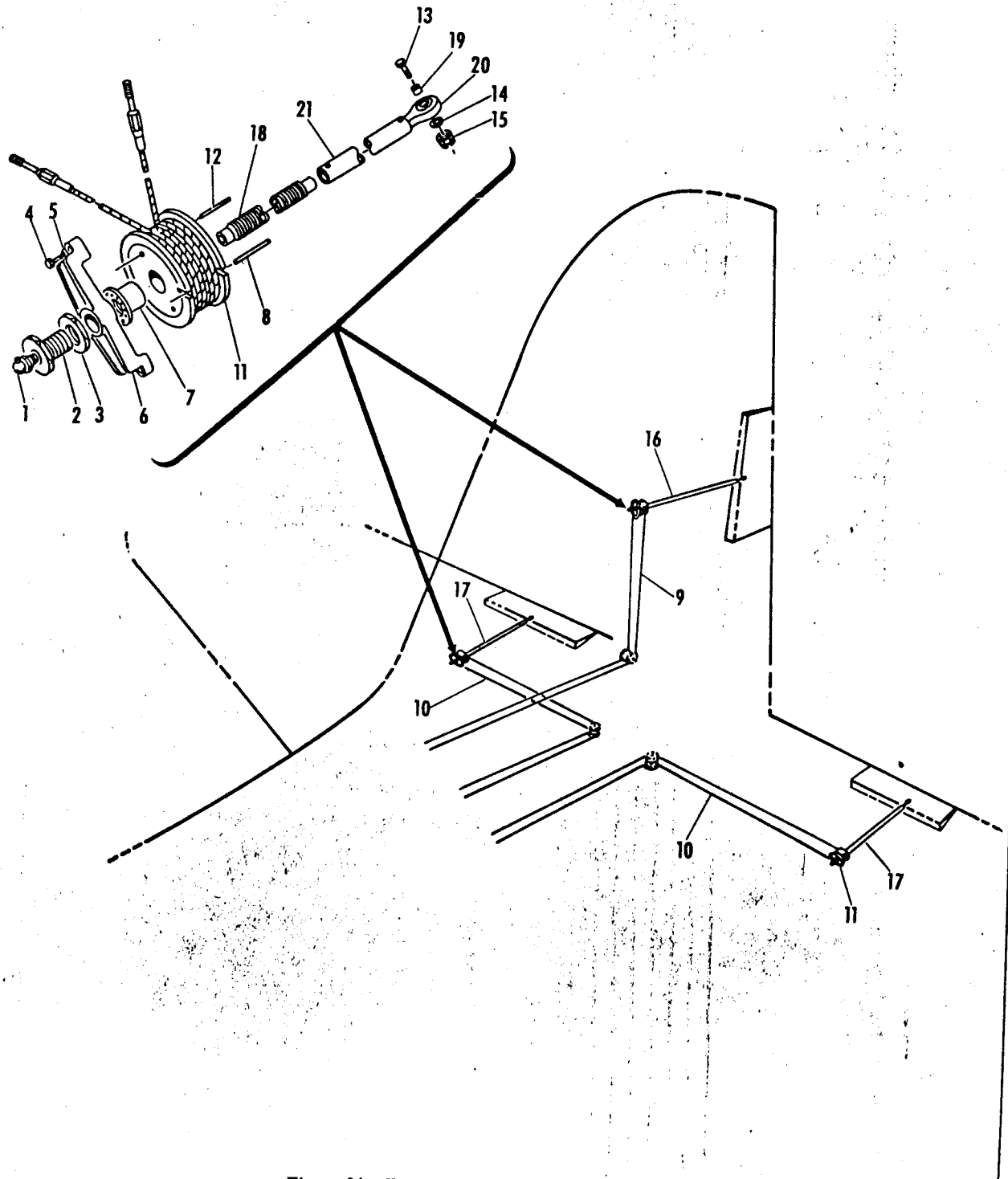

Figure 94. Empennage Flight Controls

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FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
94	5110548	CONTROL INSTL, EMPENNAGE FLIGHT (SEE FIG. 84A FOR NHA)	REF	
- 1	MS15006-4	FITTING, (ALT PN AN286-4)	3	
- 2	1116935	NUT, TAB CONTROL DRUM ADJUSTING	3	
- 3	1116936	NUT, TAB CONTROL DRUM LOCK	3	
- 4	AN4-7A	BOLT	6	
- 5	AN960D416	WASHER	6	
- 6	2115787	HOUSING, TAB CONTROL DRUM (MAKE FROM 2006414)	3	
- 7	1116934	NUT, TAB CONTROL DRUM	3	
	4115419-1	DRUM ASSY, RUDDER TAB CONTROL CABLE REAR	1	
	4115419-2	DRUM ASSY, ELEVATOR TAB CONTROL CABLE REAR	2	
- 8	S144185-105	PIN, CONTROL CABLE ANCHORING	1	
- 9	S2074406CC34624	CABLE ASSY, SWAGED TYPE 1/16 IN. DIA (USED ON 4115419-1)	1	
- 10	S2074406CC49708	CABLE ASSY, SWAGED TYPE 1/16 IN. DIA (USED ON 4115419-2)	1	
- 11	S271044	DRUM ASSY, TAB CONTROL	1	
- 12	S271044-1	PIN, TAB CONTROL DRUM (MAKE FROM S146142-156)	2	
- 13	AN4-11	BOLT	3	
- 14	AN960-416	WASHER	3	
- 15	AN310-4	NUT	3	
- 16	2116938	ROD ASSY, CONTROL SURFACE PUSH	1	
- 17	2116937	ROD ASSY, ELEVATOR TAB CONTROL PUSH	2	
- 18	1117270	SCREW, TAB CONTROL DRUM	1	
	1117269	END ASSY, TAB CONTROL PUSH ROD	1	
- 19	MS20200KP4	BEARING, (ALT PN AN200K4)	1	
- 20	1117269-1	END, TAB CONTROL PUSH ROD	1	
- 21	2116938-1	TUBE, CONTROL SURFACE PUSH	1	
	2116937-1	TUBE, ELEVATOR TAB CONTROL PUSH	1	

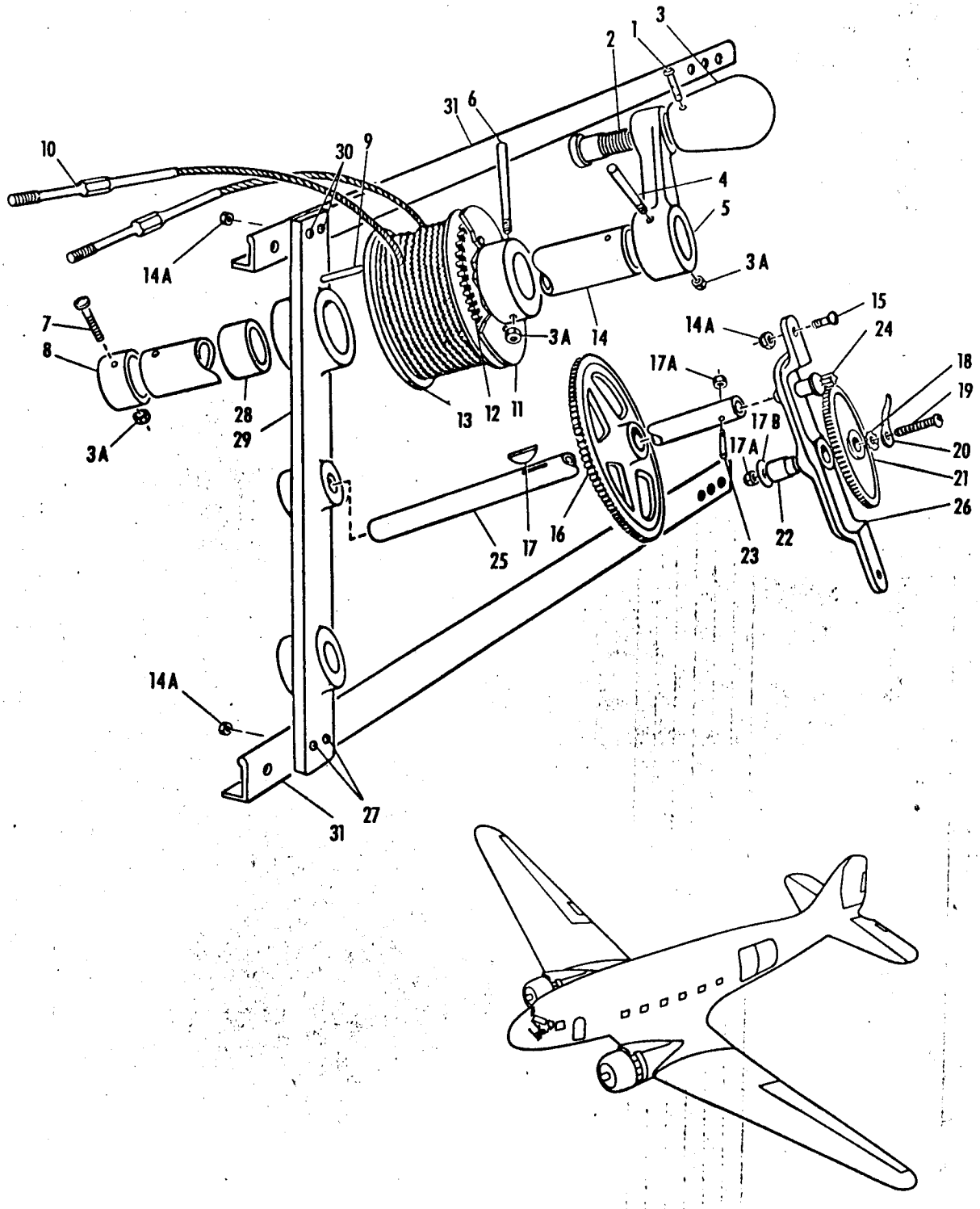

Figure 95. Control Pedestal

V4-167

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
95	5115229-2	PEDESTAL ASSY, CONTROL (SEE FIG. 76 FOR NHA)		
	5324102-2	PEDESTAL ASSY, CONTROL (SEE FIG. 76 FOR NHA)	REF	A
- 1	S146142-062-026	PIN	REF	B
- 2	1116180	SCREW, TAB CONTROL CRANK	2	
- 3	S080577	KNOB, CONTROL HANDLE	2	
- 3A	MS21044N06	NUT, (ALT PN AN365-632)	2	
- 4	S124604-10-11	PIN, SPECIAL THREADED TAPER	6	
- 5	1116178	LEVER, TAB CONTROL CRANK (MAKE FROM S132217)	2	
- 6	S124604-10-13	PIN, SPECIAL THREADED TAPER	2	
- 7	MS35206-235	SCREW, (ALT PN AN515-6-20)	2	
- 8	1116186	COLLAR, TAB ADJUSTING SHAFT (DRILL ON INSTL)	2	
	2115350	DRUM ASSY, TAB CONTROL CABLE	1	
- 9	S149455-3-104	PIN, CONTROL CABLE ANCHORING	2	
- 10	2115350-4	CABLE ASSY, TAB CONTROL DRUM	1	
	2115350-5	DRUM ASSY, TAB CONTROL CABLE	1	
- 11	2115350-2	PLATE, TAB CONTROL CABLE DRUM	1	
- 12	2115350-1	GEAR, TAB CONTROL CABLE DRUM (MAKE FROM G147 (71041))	2	
- 13	2116158	DRUM, TAB CONTROL (MAKE FROM 2006181)	1	
- 14	2116159	SHAFT, TAB CONTROL	1	
- 14A	MS21044D08	NUT, (ALT PN AN365D832)	2	
- 15	S124630-8-8	SCREW	16	
- 16	1116187	GEAR, TAB ADJUSTING INDICATOR SHAFT (MAKE FROM 150 (71041))	4	
- 17	AN280-204	KEY	2	
	2116124	INDICATOR ASSY, TAB CONTROL	2	
- 17A	MS21044N04	NUT, (ALT PN AN365-440)	2	
- 17B	S124682-1S8-4	WASHER	2	
- 18	MS35335-31	WASHER, (ALT PN AN936B8)	1	
- 19	MS35206-220	SCREW, (ALT PN AN515-4-14)	1	
- 20	1116183	HAND, TAB CONTROL INDICATOR	1	
- 21	2116124-3	GEAR, TAB CONTROL BRASS SPUR (MAKE FROM G148 (71041))	1	
- 22	1116181	SHAFT, TAB CONTROL INDICATOR HAND	1	
- 23	S124604-30-5	PIN, SPECIAL THREADED TAPER	1	
- 24	1116179	SHAFT AND GEAR ASSY, TAB INDICATOR	1	
- 25	1116406	SHAFT, TAB CONTROL INDICATOR	1	
- 26	1116177	BRACKET, TAB CONTROL INDICATOR GEAR (MAKE FROM S132137)	1	
- 27	MS35206-245	SCREW, (ALT PN AN515-8-8)	1	
	2116156	BEARING ASSY, CONTROL SHAFT LH	8	
	2116156-1	BEARING ASSY, CONTROL SHAFT RH	1	
- 28	2116156-2	BUSHING, CONTROL SHAFT (MAKE FROM 838-2 (70417))	1	
		(SIZE ID TO 0.7495/0.7505 ON INSTL)	1	
- 29	2116156-4	BEARING, CONTROL SHAFT LH		
	2116156-5	BEARING, CONTROL SHAFT RH	1	
- 30	MS35206-246	SCREW, (ALT PN AN515-8-10)	1	
- 31	1116219	SUPPORT, CONTROL SHAFT BEARING (MAKE FROM S130892-15-18)	4	
		(DRILL ON INSTL)	2	
		A 001 THRU 541 AND 555 THRU 558		
		B 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

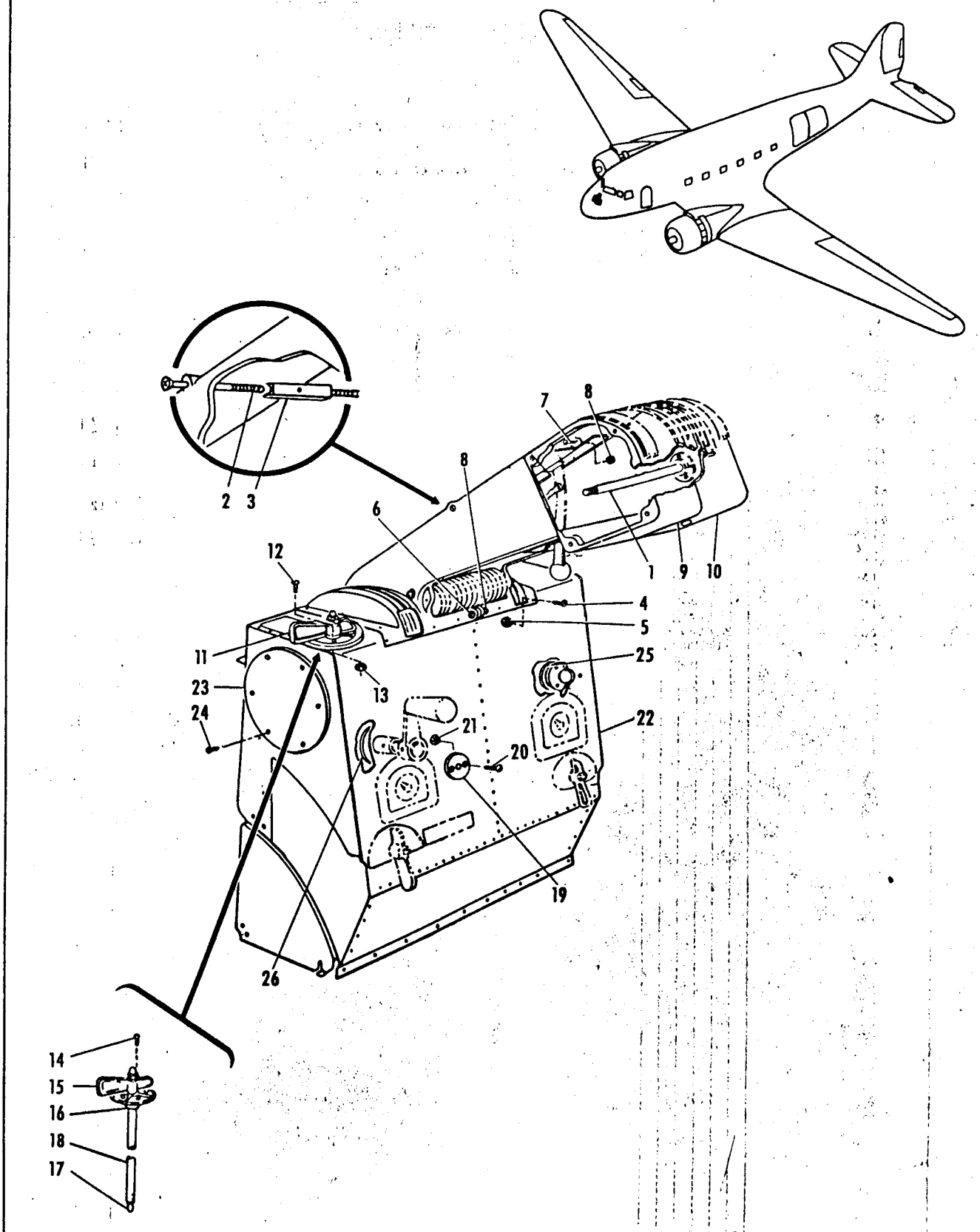

Figure 96. Control Pedestal

V4-120

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
96	5115229-2	PEDESTAL ASSY, CONTROL (SEE FIG. 76 FOR NHA)	REF	A
	5324102-2	PEDESTAL ASSY, CONTROL (SEE FIG. 76 FOR NHA)	REF	B
- 1	2116157	BOLT, CONTROL PEDESTAL FRICTION ANCHOR	1	
- 2	1139022	SCREW, RECESSED FLAT HEAD DRILLED 10-32	2	
- 3	1139021	NUT, SQUARE 10-32-3/8	1	
	S5137318	HEAD ASSY, CONTROL PEDESTAL	1	
		(ATTACHING PARTS)		
- 4	AN507-832R8	SCREW, (ALT PN S1087510-8-8)	28	
- 5	MS21044N08	NUT, (ALT PN AN365-832)	28	
- 6	MS35207-265	SCREW, (ALT PN AN520-10-12)	2	
- 7	AN507-1032R12	SCREW	1	
- 8	MS21044N3	NUT, (ALT PN AN365-1032)	3	
- 9	S5137318-4	HEAD, CONTROL PEDESTAL HALF LH	1	
- 10	S5137318-2	HEAD, CONTROL PEDESTAL HALF RH	1	
- 11	2116171	CONTROL ASSY, FUEL TANK SELECTOR VALVE	2	
		(ATTACHING PARTS)		
- 12	AN507-632R8	SCREW, (ALT PN S1087510-6-8)	4	
- 13	MS21044D06	NUT, (ALT PN AN365D632)	4	
- 14	S1006275	PIN, FUEL VALVE CONTROL HANDLE STOP	1	
- 15	2116170	DIAL AND HANDLE ASSY, FUEL TANK SELECTOR VALVE	1	
		(MAKE FROM 34B4276)		
- 16	S1004331	END, FUEL COCK CONTROL ROD	1	
- 17	S1004348	PLUG, FUEL COCK CONTROL CONNECTION	1	
- 18	2116171-1	TUBE, FUEL TANK SELECTOR VALVE CONTROL	1	
- 19	2116160	BEARING, POWER BRAKE PARKING VALVE CONTROL ROD	1	
		(ATTACHING PARTS)		
- 20	AN507-832R10	SCREW, (ALT PN S1087510-8-10)	2	
- 21	MS21044D08	NUT, (ALT PN AN365D832)	2	
- 22	5116149	MOUNT ASSY, ENGINE CONTROL PEDESTAL	1	
- 23	5116149-10	DOOR, ENGINE CONTROL PEDESTAL MOUNT INSPECTION	2	
		(ATTACHING PARTS)		
- 24	MS35206-242	SCREW, (ALT PN AN526-832R5)	12	
	1116221	BEARING ASSY, AILERON AND RUDDER TAB CONTROL SHAFT	2	
- 25	1116221-2	BUSHING, AILERON AND RUDDER TAB CONTROL SHAFT	1	
		(MAKE FROM A838-2 (70417))		
- 26	1116221-1	BEARING, AILERON AND RUDDER TAB CONTROL SHAFT	1	
		A 001 THRU 541 AND 555 THRU 558		
		B 542 THRU 554		

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

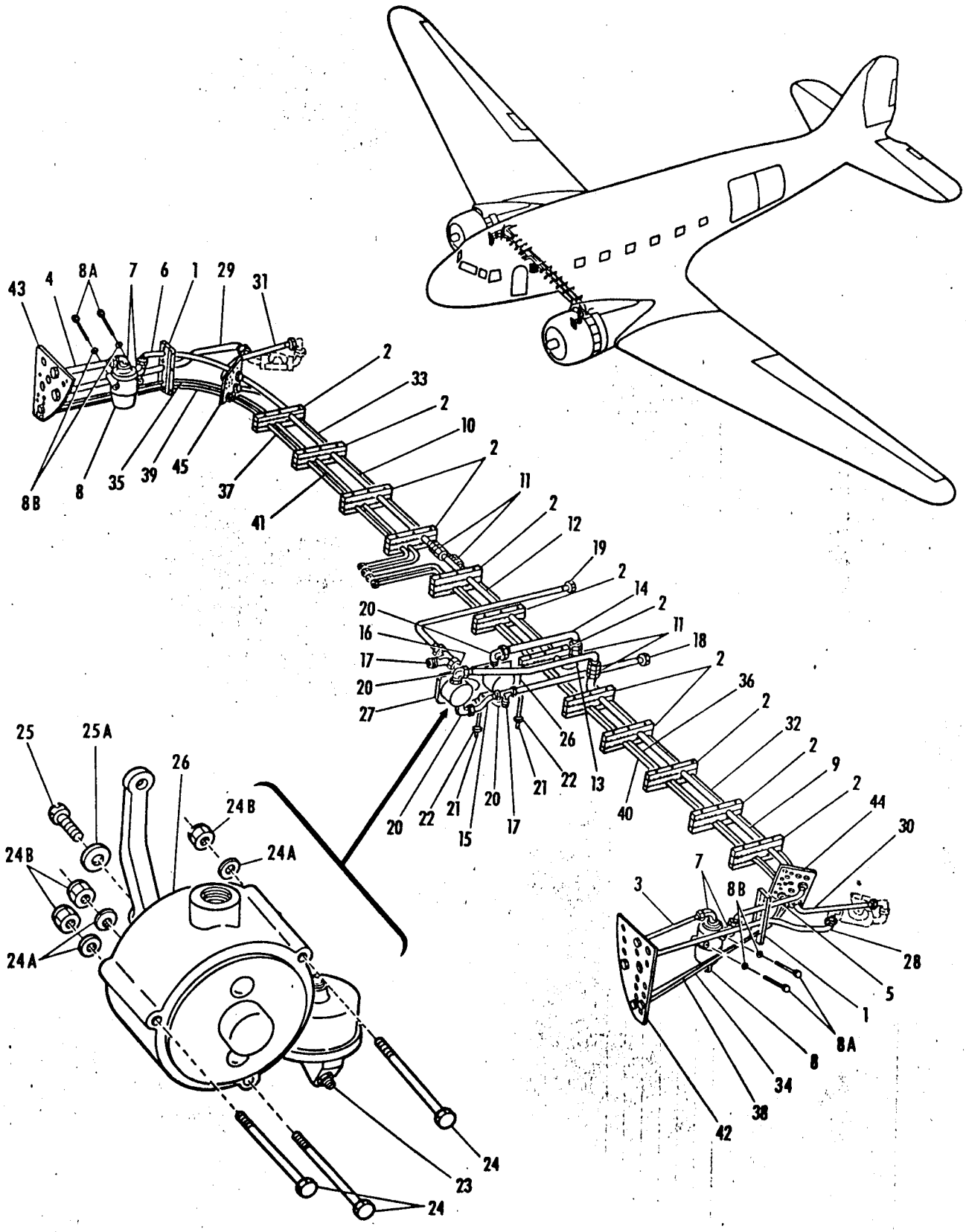

Figure 97. Center Wing Fuel System (LH to RH Firewall)

V4-128

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
97		CENTER WING FUEL SYSTEM (LH TO RH FIREWALL)		
	5141802	SYSTEM INSTL, CENTER WING FUEL (SEE FIG. 6A FOR NHA)	REF	A
- 1	2118643	CLAMP ASSY, NACELLE LINE	2	A
- 2	2142021	CLAMP ASSY, CENTER WING TUNNEL LINE	12	A
- 3	5112315-8	PIPE ASSY, MAIN SUPPLY FIREWALL PLATE TO STRAINER STA 85 LH	1	A
- 4	5112315-1	PIPE ASSY, MAIN SUPPLY FIREWALL PLATE TO STRAINER STA 85 RH	1	A
- 5	5112315-9	PIPE ASSY, MAIN SUPPLY STRAINER TO PLATE STA 85 LH	1	A
- 6	5112315-2	PIPE ASSY, MAIN SUPPLY STRAINER TO PLATE STA 85 RH	1	A
- 7	AAF811CT12	ELBOW	4	A
- 8	23410	STRAINER ASSY, (70138)	2	A
		(ATTACHING PARTS)		
- 8A	AN4-24A	BOLT	4	A
- 8B	AN960-416	WASHER	4	A
- 9	5112315-10	PIPE ASSY, MAIN SUPPLY PLATE TO UNION STA 15 TO 85 LH	1	A
- 10	5112315-3	PIPE ASSY, MAIN SUPPLY PLATE TO UNION STA 28 TO 85 RH	1	A
- 11	AAF811HT12D	UNION	4	A
- 12	5112315-4	PIPE ASSY, MAIN SUPPLY UNION TO UNION STA 15 LH TO 28 RH	1	A
- 13	5112315-11	PIPE ASSY, MAIN SUPPLY UNION TO PUMP STA 15 LH	1	A
- 14	5112315-5	PIPE ASSY, MAIN SUPPLY UNION TO PUMP STA 15 RH (LH)	1	A
- 15	5139865-22	PIPE ASSY, PUMP TO TEE STA 15 LH (MAIN SUPPLY)	1	A
- 16	5139865-25	PIPE ASSY, PUMP TO TEE STA 15 LH TO 5 RH (MAIN SUPPLY)	1	A
- 17	AAF811JT12	TEE	2	A
- 18	5139865-24	PIPE ASSY, TEE TO VALVE STA 15 LH (MAIN SUPPLY)	1	A
- 19	5112315-7	PIPE ASSY, MAIN SUPPLY TEE TO VALVE STA 15 RH	1	A
- 20	AAF811CT12	ELBOW	4	A
- 21	5112315-32	PIPE ASSY, VENT FORWARD AND AFT PUMP TO ATMOSPHERE	2	A
- 22	MS35489-11	GROMMET, (ALT PN AN931-6-10)	2	A
- 23		FITTING, 1/8 IN. PIPE THREAD PRESSURE RESTRICTION	2	A
		(PN S148779-811FT6-2-80)		
- 24	AN4-27A	BOLT	6	A
- 24A	AN960-416	WASHER	6	A
- 24B	MS21044N4	NUT, (ALT PN AN365-428)	6	A
	4139853	PUMP ASSY, FUEL WOBBLE	2	A
- 25	MS35265-28	SCREW, (ALT PN AN500A6-6)	1	A
- 25A	AN940-8	WASHER	1	A
- 26	RD4370	PUMP ASSY, HAND OPERATED FUEL (TYPE D24) (51663)	1	A
- 27	4118746	PLATE ASSY, WOBBLE PUMP MOUNTING (DRILL ON INSTL)	1	A
- 28	5112315-28	PIPE ASSY, CROSSFEED FIREWALL PLATE TO VALVE STA 94 LH	1	A
- 29	5112315-25	PIPE ASSY, CROSSFEED FIREWALL PLATE TO VALVE STA 94 RH	1	A
- 30	5112315-29	PIPE ASSY, CROSSFEED VALVE TO PLATE STA 85 TO 94 LH	1	A
- 31	5112315-26	PIPE ASSY, CROSSFEED VALVE TO PLATE STA 85 TO 94 RH	1	A
- 32	5112315-30	PIPE ASSY, CROSSFEED PLATE TO UNION STA 85 LH TO 28 RH	1	A
- 33	5112315-27	PIPE ASSY, CROSSFEED UNION TO PLATE STA 28 TO 85 RH	1	A
- 34	5112315-63	PIPE ASSY, PRESSURE FIREWALL PLATE TO PLATE STA 85 LH	1	A
- 35	5112315-64	PIPE ASSY, PRESSURE FIREWALL PLATE STA 85 RH	1	A
- 36	5112315-46	PIPE ASSY, PRESSURE PLATE TO PLATE STA 85 LH TO 28 RH	1	A
- 37	5112315-41	PIPE ASSY, PRESSURE PLATE TO PLATE STA 28 TO 85 RH	1	A
- 38	5112315-47	PIPE ASSY, SUPERCHARGER FIREWALL PLATE TO PLATE STA 85 LH	1	A
- 39	5112315-49	PIPE ASSY, SUPERCHARGER FIREWALL PLATE TO PLATE STA 85 RH	1	A
- 40	5112315-48	PIPE ASSY, SUPERCHARGER PLATE TO PLATE STA 85 LH TO 28 RH	1	A
- 41	5112315-50	PIPE ASSY, SUPERCHARGER PLATE TO PLATE STA 28 TO 85 RH	1	A
- 42	5355069-500	PLATE INSTL, FIREWALL LINE LH (SEE T.O. 1C-1-31)	1	A
		(SEE FIG. 104 FOR DETAILS)		
- 43	5355069-501	PLATE INSTL, FIREWALL LINE RH (SEE T.O. 1C-1-31)	1	A
		(SEE FIG. 104 FOR DETAILS)		
- 44	4141958	CONNECTOR ASSY, NACELLE INBOARD CANTILEVER RIB LINE LH	1	A
		(SEE FIG. 104 FOR DETAILS)		
- 45	4141958-1	CONNECTOR ASSY, NACELLE INBOARD CANTILEVER RIB LINE RH	1	A
		(SEE FIG. 104 FOR DETAILS)		
	NO NUMBER	PIPE ASSY, FIREWALL PLATE TO VALVE STA 85 (3/4 OD X 0.049 X 24 IN. LENGTH) (SEE T.O. 1C-1-31)	2	A
	NO NUMBER	PIPE ASSY, VALVE TO PLATE STA 85 (3/4 OD X 0.049 X 24 IN. LENGTH) (SEE T.O. 1C-1-31)	2	A
	5-1050-4M4N	VALVE ASSY, SHUTOFF LH (PER DOUGLAS SPEC DWG 3394770) (45681) (SEE T.O. 1C-1-31)	1	A
	5-1050-3M4N	VALVE ASSY, SHUTOFF RH (PER DOUGLAS SPEC DWG 3394769) (45681) (SEE T.O. 1C-1-31)	1	A
		(ATTACHING PARTS)		
	AN3-21A	BOLT, (SEE T.O. 1C-1-31)	4	A
	AN960D10L	WASHER, (SEE T.O. 1C-1-31)	4	A
	MS21044N3	NUT, (ALT PN AN365-1032) (SEE T.O. 1C-1-31)	4	A
		A 001 THRU 092, 146 THRU 148, 178 AND 555 THRU 558		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

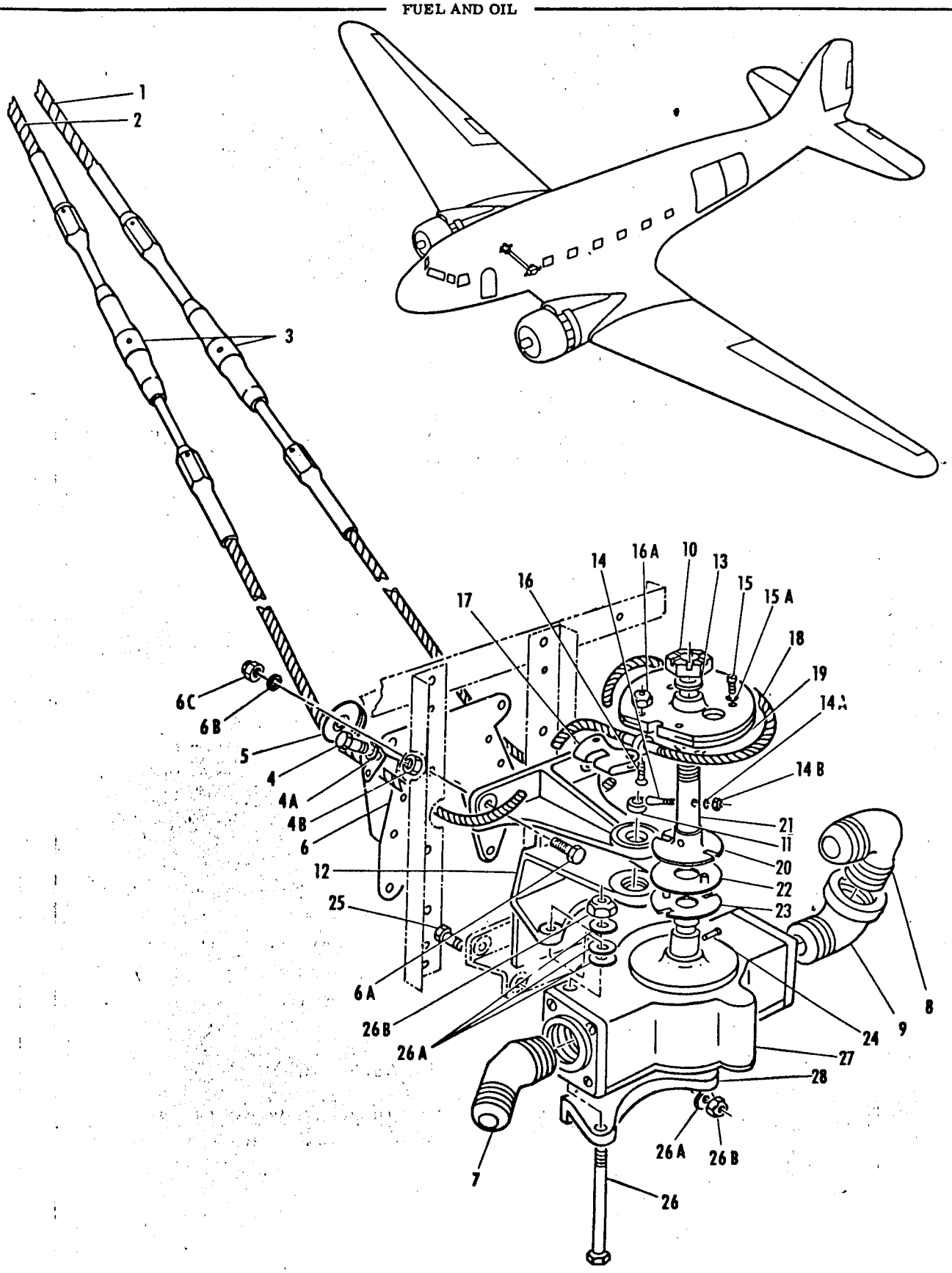

Figure 98. Center Wing Fuel System (Crossfeed Valve) V4-127

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
98		CENTER WING FUEL SYSTEM (CROSSFEED VALVE)		
	5141802	SYSTEM INSTL, CENTER WING FUEL (SEE FIG. 6A FOR NHA)	REF	A
- 1	2116272-1	CABLE ASSY, CROSSFEED	2	A
- 2	2116272-3	CABLE ASSY, CROSSFEED	2	A
- 3	MS21251-3L	BARREL, (ALT PN AN155-16L)	1	A
- 4	AN3-6	BOLT	8	A
- 4A	AN960-10	WASHER	8	A
- 4B	AN310-3	NUT	8	A
- 5	MS24566-1B	PULLEY, (ALT PN AN210-1A)	8	A
- 6	2130412	BRACKET ASSY, CANTILEVER RIB CROSSFEED LH	1	A
	2130346	BRACKET ASSY, CANTILEVER RIB CROSSFEED RH	1	A
	5119377	BRACKET ASSY, FUEL CROSSFEED VALVE LH	1	A
	5119377-1	BRACKET ASSY, FUEL CROSSFEED VALVE RH	1	A
		(ATTACHING PARTS)		
- 6A	AN3-6A	BOLT	8	A
- 6B	AN960-10	WASHER	8	A
- 6C	MS21044N3	NUT, (ALT PN AN365-1032)	8	A
- 7	AC811CT45-12	ELBOW	1	A
- 8	AC811CT12	ELBOW	1	A
- 9	AC895-5	ELBOW	1	A
- 10	AN320-6	NUT	1	A
	4118686	BASE ASSY, POPPET CROSSFEED VALVE (TYPE PD3)	1	A
- 11	5LA	BEARING, BALL (21335)	2	A
- 12	4118686-1	BASE, POPPET CROSSFEED VALVE (TYPE PD3)	1	A
- 13	S117425-6D003	SPACER	2	A
- 14	S124604-10-8	PIN, SPECIAL THREADED TAPER	1	A
- 14A	MS35338-41	WASHER, (ALT PN AN935-6)	1	A
- 14B	MS20341-6S	NUT, (ALT PN AN340-6)	1	A
- 15	MS35266-60	SCREW, (ALT PN AN501-10-5)	2	A
- 15A	MS35338-43	WASHER, (ALT PN AN935-10)	2	A
	2116297	PULLEY ASSY, CROSSFEED VALVE OPERATING	1	A
- 16	S1029421-10-10	SCREW, RECESSED FLAT HEAD	2	A
- 16A	MS21044N3	NUT, (ALT PN AN365-1032)	2	A
- 17	1116249	CLIP, PROPELLER PITCH CONTROL PULLEY	1	A
- 18	2116297-4	CABLE ASSY, CROSSFEED VALVE OPERATING PULLEY	1	A
- 19	1118141	PULLEY, CROSSFEED VALVE OPERATING	1	A
	S1019188-3	SHAFT ASSY, FUEL VALVE OPERATING	1	A
- 20	S138696	DRIVER, FUEL VALVE CONTROL PLATE	1	A
- 21	S1019188-2	SHAFT, FUEL VALVE OPERATING	1	A
- 22	S138695	PLATE, FUEL VALVE CONTROL DRIVER	1	A
- 23	S138687-1	DRIVER, FUEL VALVE	1	A
- 24	MS20392-1C21	PIN, (ALT PN AN392-21)	1	A
- 25	AN3-7A	BOLT	2	A
- 26	AN3-31A	BOLT	2	A
- 26A	AN960-10	WASHER	8	A
- 26B	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
- 27	94083	VALVE ASSY, CROSSFEED (TYPE PD3) (70138)	1	A
	94084	VALVE ASSY, CROSSFEED (TYPE PD3) (70138) (RH)	1	A
- 28	2118143	BRACKET, POPPET CROSSFEED VALVE SUPPORT (TYPE PD3)	1	A
		(MAKE FROM S2072842)		
		A 001 THRU 092, 146 THRU 148, 178 AND 555 THRU 558		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

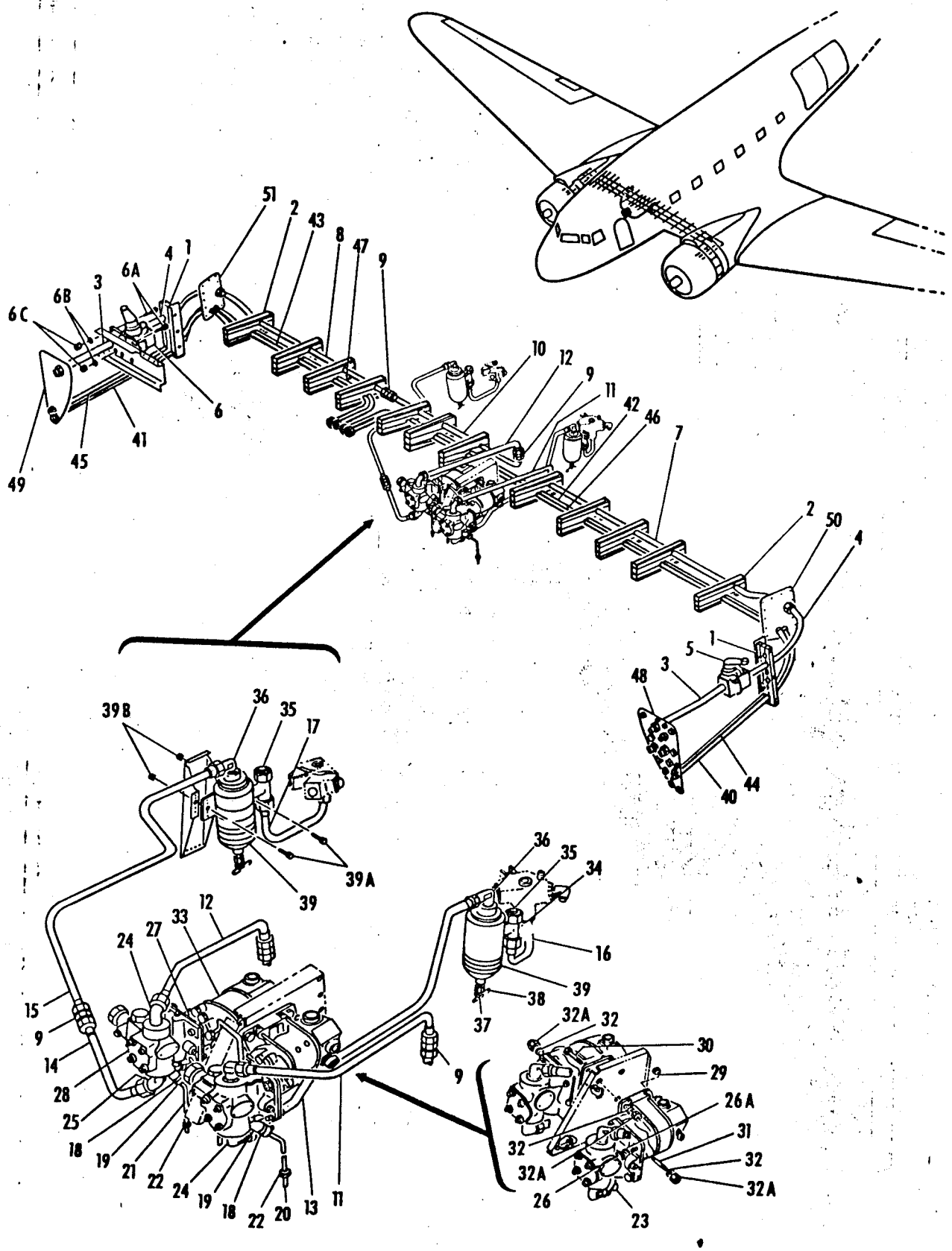

Figure 99. Center Wing Fuel System (LH to RH Firewall)

V4-126

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
99		CENTER WING FUEL SYSTEM (LH TO RH FIREWALL)		
	5203727	SYSTEM INSTL, CENTER WING FUEL (SEE FIG. 6A FOR NHA)	REF	A
	5324103	SYSTEM INSTL, CENTER WING FUEL (SEE FIG. 6A FOR NHA)	REF	B
- 1	2204305	CLAMP ASSY, NACELLE LINE	2	AB
- 2	2204306	CLAMP ASSY, CENTER WING TUNNEL LINE	12	AB
- 3	NO NUMBER	PIPE ASSY, FIREWALL PLATE TO VALVE STA 85 (3/4 OD X 0.049 X 24 IN. LENGTH) (SEE T.O. 1C-1-31)	2	AB
- 4	NO NUMBER	PIPE ASSY, VALVE TO PLATE STA 85 (3/4 OD X 0.049 X 24 IN. LENGTH) (SEE T.O. 1C-1-31)	2	AB
- 5	5-1050-4M4N	VALVE ASSY, SHUTOFF LH (PER DOUGLAS SPEC DWG 3394770) (45681) (SEE T.O. 1C-1-31)	1	AB
- 6	5-1050-3M4N	VALVE ASSY, SHUTOFF RH (PER DOUGLAS SPEC DWG 3394769) (45681) (SEE T.O. 1C-1-31)	1	AB
		(ATTACHING PARTS)		
- 6A	AN3-21A	BOLT, (SEE T.O. 1C-1-31)	4	AB
- 6B	AN960D10L	WASHER, (SEE T.O. 1C-1-31)	4	AB
- 6C	MS21044N3	NUT, (ALT PN AN365-1032)	4	AB
- 7	5204211-10	PIPE ASSY, MAIN SUPPLY PLATE TO UNION STA 15 TO 85 LH	1	AB
- 8	5204211-3	PIPE ASSY, MAIN SUPPLY PLATE TO UNION STA 28 TO 85 RH	1	AB
- 9	AC811HT12D	UNION	4	AB
- 10	5204211-4	PIPE ASSY, MAIN SUPPLY UNION TO UNION STA 10 LH TO 28 RH	1	AB
- 11	5204211-11	PIPE ASSY, MAIN SUPPLY UNION TO PUMP STA 15 LH	1	AB
- 12	5204211-5	PIPE ASSY, MAIN SUPPLY UNION TO PUMP STA 10 RH (LH)	1	AB
- 13	5204211-13	PIPE ASSY, MAIN SUPPLY PUMP TO STRAINER STA 15 LH	1	AB
- 14	5204211-9	PIPE ASSY, MAIN SUPPLY PUMP TO UNION STA 7 RH TO 10 LH	1	AB
- 15	5204211-6	PIPE ASSY, MAIN SUPPLY UNION TO STRAINER STA 7 TO 15 RH	1	AB
- 16	5204211-12	PIPE ASSY, MAIN SUPPLY STRAINER TO SELECTOR VALVE STA 15 LH	1	AB
- 17	5204211-7	PIPE ASSY, MAIN SUPPLY STRAINER TO SELECTOR VALVE STA 15 RH	1	AB
- 18	FB4	CLAMP, (66295)	4	AB
- 19	AN884-4-12	HOSE	2	AB
- 20	5204211-34	PIPE, VENT PUMP TO ATMOSPHERE LH	1	AB
- 21	5204211-32	PIPE, VENT PUMP TO ATMOSPHERE RH	1	AB
- 22	MS35489-6	GROMMET, (ALT PN AN931-4-7)	2	AB
- 23	AN844-4	ELBOW	2	AB
- 24	AC811CT12	ELBOW	3	AB
- 25	AC811CT45-12	ELBOW	1	AB
- 26	MS21044N5	NUT, (ALT PN AN365-524)	8	AB
- 26A	MS35333-41	WASHER, (ALT PN AN936A516)	8	AB
- 27	AN4059-1	GASKET	2	AB
- 28	MS29586	PUMP ASSY, (GFAE)	2	AB
- 29	AC895-100	PLUG	2	AB
- 30	AN6-13A	BOLT	2	AB
- 31	1189503	STUD, BOOSTER PUMP SUPPORT	2	AB
- 32	AN930A616	GROMMET	8	AB
- 32A	MS21044N6	NUT, (ALT PN AN365-624)	6	AB
- 33	A4949	MOTOR ASSY, ELECTRIC (GFAE)	2	AB
- 34	AC811ST12	TEE	2	AB
- 35	12FNT-D	CAP, (45681)	2	AB
- 36	AC811CT12	ELBOW	2	AB
- 37	CCA4900	COCK ASSY, FUEL DRAIN (ALT PN 83001-2) (SEE T.O. 1C-47-44 AND T.O. 1C-1-556)	2	AB
	83001-2	VALVE ASSY, FUEL DRAIN (SEE T.O. 1C-1-556)	2	AB
	6500-244600	BUSHING, REDUCER (SEE T.O. 1C-47-44A)	AR	AB
- 38	1189523	EXTENSION, FUEL STRAINER (SEE T.O. 1C-47-44)	2	AB
- 39	104244-3-3	STRAINER ASSY, FUEL (70138)	2	AB
		(ATTACHING PARTS)		
- 39A	AN4-6A	BOLT	4	AB
- 39B	MS21044N4	NUT, (ALT PN AN365-428)	4	AB
- 40	5204211-44	PIPE ASSY, FUEL PRESSURE FIREWALL PLATE TO PLATE STA 85 LH	1	AB
- 41	5204211-39	PIPE ASSY, FUEL PRESSURE FIREWALL PLATE TO PLATE STA 85 RH	1	AB
- 42	5204211-46	PIPE ASSY, FUEL PRESSURE PLATE TO PLATE STA 28 RH TO 85 LH	1	AB
- 43	5204211-41	PIPE ASSY, FUEL PRESSURE PLATE TO PLATE STA 28 TO 85 RH	1	AB
- 44	5204211-47	PIPE ASSY, MANIFOLD PRESSURE FIREWALL PLATE TO PLATE STA 85 LH	1	AB
- 45	5204211-49	PIPE ASSY, MANIFOLD PRESSURE FIREWALL PLATE TO PLATE STA 85 RH	1	AB
- 46	5204211-48	PIPE ASSY, MANIFOLD PRESSURE PLATE TO PLATE STA 28 TO 85 LH	1	AB
- 47	5204211-50	PIPE ASSY, MANIFOLD PRESSURE PLATE TO PLATE STA 28 TO 85 RH	1	AB
- 48	5355069-500	PLATE INSTL, FIREWALL LINE LH (SEE T.O. 1C-1-31) (SEE FIG. 104 FOR DETAILS)	1	AB
- 49	5355069-501	PLATE INSTL, FIREWALL LINE RH (SEE T.O. 1C-1-31) (SEE FIG. 104 FOR DETAILS)	1	AB
- 50	4204214	CONNECTOR ASSY, NACELLE INBOARD CANTILEVER RIB LINE LH (SEE FIG. 104 FOR DETAILS)	1	AB
- 51	4204214-1	CONNECTOR ASSY, NACELLE INBOARD CANTILEVER RIB LINE RH (SEE FIG. 104 FOR DETAILS)	1	AB
		A 093 THRU 145, 149 THRU 177 AND 179 THRU 541		
		B 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

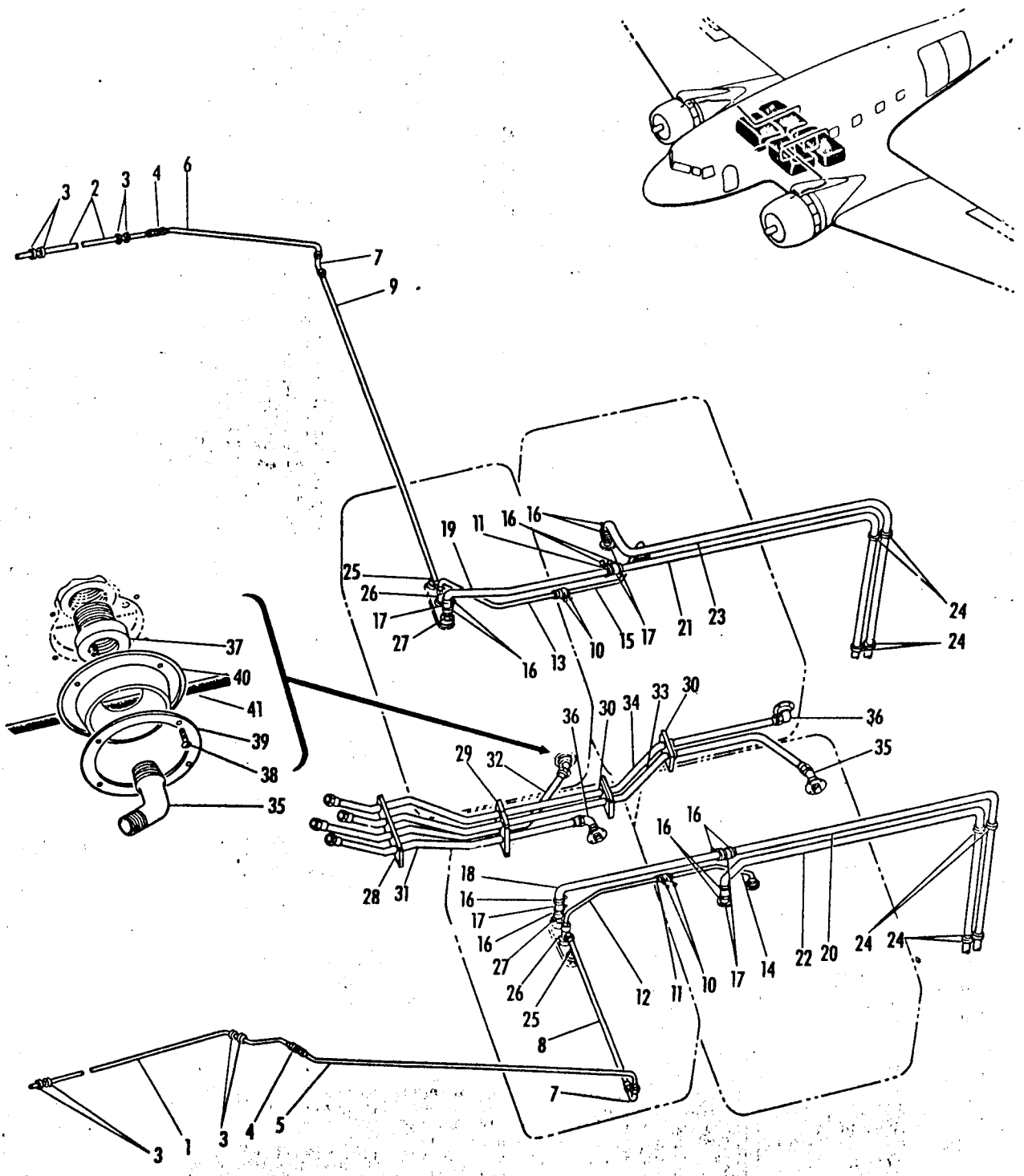

Figure 100. Center Wing Fuel System (Fuel Tanks to Supply Tees and Firewalls)

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FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
100		CENTER WING FUEL SYSTEM (FUEL TANKS TO SUPPLY TEES AND FIREWALLS)		
	5141802	SYSTEM INSTL, CENTER WING FUEL (SEE FIG. 6A FOR NHA)	REF	A
	5203727	SYSTEM INSTL, CENTER WING FUEL (SEE FIG. 6A FOR NHA)	REF	B
	5324103	SYSTEM INSTL, CENTER WING FUEL (SEE FIG. 6A FOR NHA)	REF	C
- 1	5112315-51	PIPE ASSY, CARBURETOR DRAIN FIREWALL TO UNION STA 85 LH	1	A
	5204211-51	PIPE ASSY, CARBURETOR DRAIN FIREWALL TO UNION STA 85 LH	1	BC
- 2	5112315-54	PIPE ASSY, CARBURETOR DRAIN FIREWALL TO UNION STA 133 RH	1	A
	5204211-54	PIPE ASSY, CARBURETOR DRAIN FIREWALL TO UNION STA 133 RH	1	BC
- 3	MS35489-11	GROMMET, (ALT PN AN931-6-10)	8	A
	MS35489-11	GROMMET, (ALT PN AN931-6-10)	4	BC
- 4	AC811HT6	UNION	2	
- 5	5112315-52	PIPE ASSY, CARBURETOR DRAIN UNION TO ELBOW STA 85 TO 94 LH	1	A
	5204211-52	PIPE ASSY, CARBURETOR DRAIN UNION TO ELBOW STA 85 TO 94 LH	1	BC
- 6	5112315-55	PIPE ASSY, CARBURETOR DRAIN UNION TO ELBOW STA 133 TO 123 RH	1	A
	5204211-55	PIPE ASSY, CARBURETOR DRAIN UNION TO ELBOW STA 133 TO 123 RH	1	BC
- 7	AC811ET6	ELBOW	2	
- 8	5112315-53	PIPE ASSY, CARBURETOR DRAIN ELBOW TO TANK STA 42 TO 94 LH	1	A
	5204211-53	PIPE ASSY, CARBURETOR DRAIN ELBOW TO TANK STA 42 TO 94 LH	1	BC
- 9	5112315-56	PIPE ASSY, CARBURETOR DRAIN ELBOW TO TANK STA 42 TO 123 RH	1	A
	5204211-56	PIPE ASSY, CARBURETOR DRAIN ELBOW TO TANK STA 42 TO 123 RH	1	BC
- 10	FB6	CLAMP, (66295)	4	A
	A3122-12-1	CLAMP, (78553) (ALT PN A3122-12-59 (78553))	4	BC
- 11	AN884-6-12	HOSE	2	
- 12	5112315-57	PIPE ASSY, MAIN TANK VENT TO HOSE STA 42 LH	1	A
	5204211-57	PIPE ASSY, MAIN TANK VENT TO HOSE STA 42 LH	1	BC
- 13	5112315-58	PIPE ASSY, MAIN TANK VENT TO HOSE STA 42 RH	1	A
	5204211-58	PIPE ASSY, MAIN TANK VENT TO HOSE STA 42 RH	1	BC
- 14	5112315-59	PIPE ASSY, VENT HOSE TO AUXILIARY TANK STA 42 LH	1	A
	5204211-59	PIPE ASSY, VENT HOSE TO AUXILIARY TANK STA 42 LH	1	BC
- 15	5112315-60	PIPE ASSY, VENT HOSE TO AUXILIARY TANK STA 42 RH	1	A
	5204211-60	PIPE ASSY, VENT HOSE TO AUXILIARY TANK STA 42 RH	1	BC
- 16	FB10	CLAMP, (66295)	12	A
	A3122-18-1	CLAMP, (78553) (ALT PN A3122-18-59 (78553))	4	BC
	FB10	CLAMP, (66295)	8	BC
- 17	AN884-12-12	HOSE	6	
- 18	5112315-61	PIPE, MAIN TANK VENT HOSE TO HOSE STA 42 LH	1	A
	5204211-61	PIPE ASSY, MAIN TANK VENT HOSE TO HOSE STA 42 LH	1	BC
- 19	5112315-62	PIPE, MAIN TANK VENT TO HOSE STA 42 RH	1	A
	5204211-62	PIPE ASSY, MAIN TANK VENT TO HOSE STA 42 RH	1	BC
- 20	5112315-33	PIPE, MAIN TANK VENT HOSE TO ATMOSPHERE STA 42 LH	1	A
	5204211-33	PIPE, MAIN TANK VENT HOSE TO ATMOSPHERE STA 42 LH	1	BC
- 21	5112315-31	PIPE, MAIN TANK VENT HOSE TO ATMOSPHERE STA 42 RH	1	A
	5204211-31	PIPE, MAIN TANK VENT HOSE TO ATMOSPHERE STA 42 RH	1	BC
- 22	5112315-36	PIPE, AUXILIARY TANK VENT TO ATMOSPHERE STA 42 LH	1	A
	5204211-36	PIPE, AUXILIARY TANK VENT TO ATMOSPHERE STA 42 LH	1	BC
- 23	5112315-35	PIPE, AUXILIARY TANK VENT TO ATMOSPHERE STA 42 RH	1	A
	5204211-35	PIPE, AUXILIARY TANK VENT TO ATMOSPHERE STA 42 RH	1	BC
- 24	MS35489-20	GROMMET, (ALT PN AN931-12-17)	8	
- 25	MS20913-3	PLUG, (ALT PN AC895B72)	2	
- 26	AC811RT6	TEE	2	
- 27	AN840-12	ADAPTER	4	
- 28	2115646	CLAMP ASSY, FRONT SPAR FUEL LINE	1	
- 29	2117517	CLAMP ASSY, FRONT TO CENTER SPAR FUEL LINE	1	
- 30	2115883	CLAMP ASSY, CENTER TO REAR SPAR FUEL LINE	2	A
	2115883	CLAMP ASSY, CENTER TO REAR SPAR FUEL LINE	1	BC
- 31	5112315-21	PIPE ASSY, LH MAIN SUPPLY TEE TO LH TANK STA 5	1	A
	5204211-21	PIPE ASSY, LH MAIN SUPPLY TEE TO LH TANK STA 5	1	BC
- 32	5112315-22	PIPE ASSY, RH MAIN SUPPLY TEE TO RH TANK STA 5	1	A
	5204211-22	PIPE ASSY, RH MAIN SUPPLY TEE TO RH TANK STA 5	1	BC
- 33	5112315-24	PIPE ASSY, LH AUXILIARY SUPPLY TEE TO LH TANK STA 0 TO 5	1	A
	5204211-24	PIPE ASSY, LH AUXILIARY SUPPLY TEE TO LH TANK STA 0 TO 5	1	BC
- 34	5112315-23	PIPE ASSY, RH AUXILIARY SUPPLY TEE TO RH TANK STA 0 TO 5	1	A
	5204211-23	PIPE ASSY, RH AUXILIARY SUPPLY TEE TO RH TANK STA 0 TO 5	1	BC
- 35	AC811CT45-12	ELBOW	2	
- 36	12CCT	ELBOW, (45681)	2	
- 37	AN912-10	BUSHING, (ALT PN AAF895-87)	4	
	5118561	SEAL INSTL, CENTER WING INNER BULKHEAD CUTOUT	1	
- 38	MS24621-30	SCREW, (ALT PN AN530-8-8)	16	
- 39	1119129	COLLAR, FUEL LINE FUME SEAL STA 5	4	
- 40	2119049	BOOT, FUEL LINE FUME SEAL STA 5	4	
- 41	5118561-2	SEAL, CENTER WING INNER BULKHEAD CUTOUT	16	
		A 001 THRU 092, 146 THRU 148, 178 AND 555 THRU 558		
		B 093 THRU 145, 149 THRU 177 AND 179 THRU 541		
		C 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

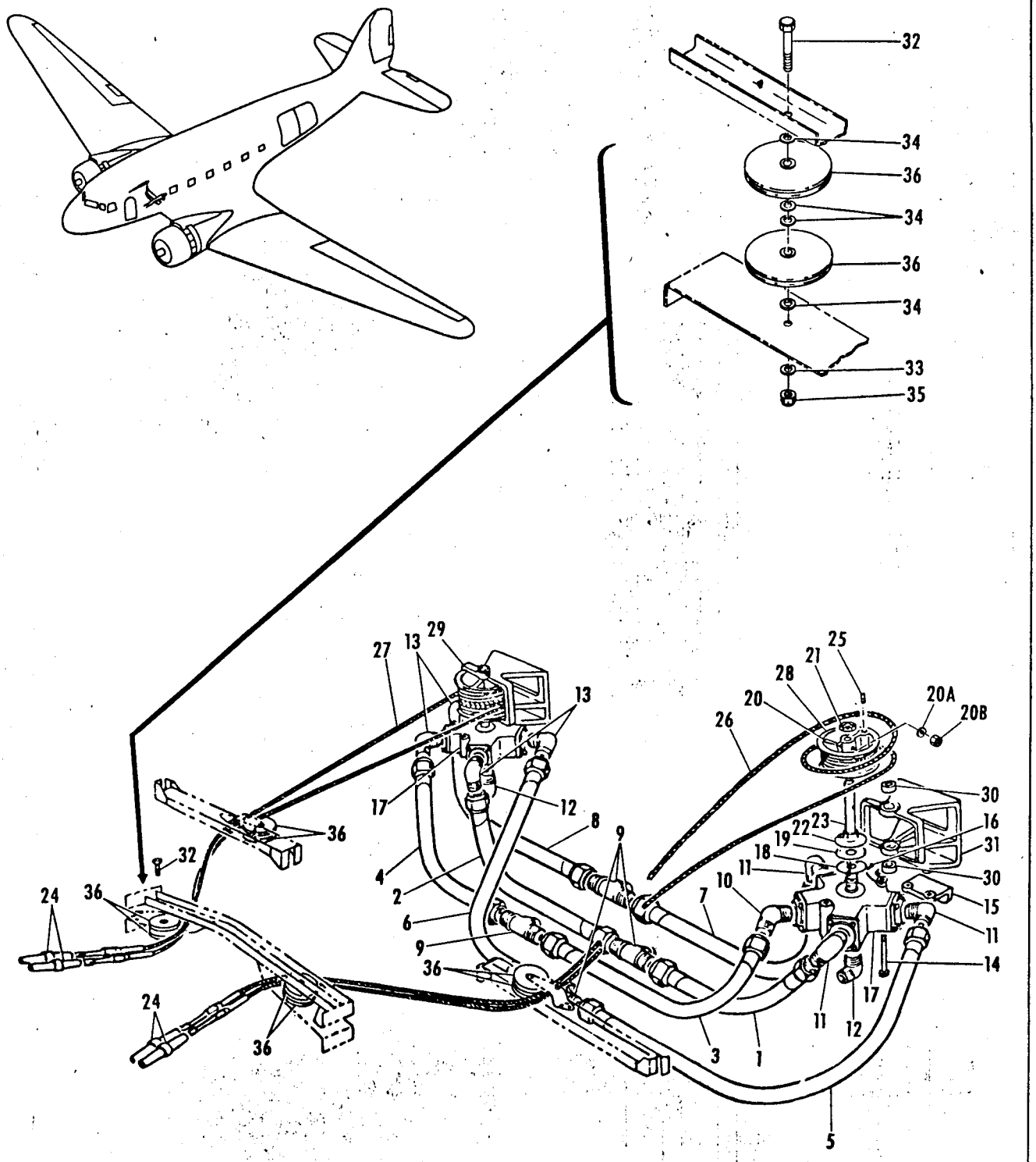

Figure 101. Center Wing Fuel System (Selector Valve)

V4-147

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
101		CENTER WING FUEL SYSTEM (SELECTOR VALVE)		
	5141802	SYSTEM INSTL, CENTER WING FUEL (SEE FIG. 6A FOR NHA)	REF	A
	5203727	SYSTEM INSTL, CENTER WING FUEL (SEE FIG. 6A FOR NHA)	REF	B
	5324103	SYSTEM INSTL, CENTER WING FUEL (SEE FIG. 6A FOR NHA)	REF	C
- 1	5112315-13	PIPE ASSY, LH VALVE TO TEE STA 15 TO 5 LH (LH MAIN SUPPLY)	1	A
	5204211-25	PIPE ASSY, LH VALVE TO TEE STA 15 TO 5 LH (LH MAIN SUPPLY)	1	BC
- 2	5112315-17	PIPE ASSY, RH VALVE TO TEE STA 5 LH TO 15 RH (LH MAIN SUPPLY)	1	A
	5204211-17	PIPE ASSY, RH VALVE TO TEE STA 5 LH TO 15 RH (LH MAIN SUPPLY)	1	BC
- 3	5112315-14	PIPE ASSY, LH VALVE TO TEE STA 15 LH TO 5 RH (RH MAIN SUPPLY)	1	A
	5204211-14	PIPE ASSY, LH VALVE TO TEE STA 15 LH TO 5 RH (RH MAIN SUPPLY)	1	BC
- 4	5112315-18	PIPE ASSY, RH VALVE TO TEE STA 5 TO 15 RH (RH MAIN SUPPLY)	1	A
	5204211-18	PIPE ASSY, RH VALVE TO TEE STA 5 TO 15 RH (RH MAIN SUPPLY)	1	BC
- 5	5112315-16	PIPE ASSY, LH VALVE TO TEE STA 0 TO 15 LH (LH AUXILIARY SUPPLY)	1	A
	5204211-16	PIPE ASSY, LH VALVE TO TEE STA 0 TO 15 LH (LH AUXILIARY SUPPLY)	1	BC
- 6	5112315-20	PIPE ASSY, RH VALVE TO TEE STA 0 TO 15 RH (LH AUXILIARY SUPPLY)	1	A
	5204211-20	PIPE ASSY, RH VALVE TO TEE STA 0 TO 15 RH (LH AUXILIARY SUPPLY)	1	BC
- 7	5112315-15	PIPE ASSY, LH VALVE TO TEE STA 0 TO 15 LH (RH AUXILIARY SUPPLY)	1	A
	5204211-15	PIPE ASSY, LH VALVE TO TEE STA 0 TO 15 LH (RH AUXILIARY SUPPLY)	1	BC
- 8	5112315-19	PIPE ASSY, RH VALVE TO TEE STA 0 TO 15 RH (RH AUXILIARY SUPPLY)	1	A
	5204211-19	PIPE ASSY, RH VALVE TO TEE STA 0 TO 15 RH (RH AUXILIARY SUPPLY)	1	BC
- 9	AC811JT12D	TEE	4	
	5119300	BRACKET ASSY, SELECTOR VALVE AND OPERATING DRUM LH	1	A
	5205618	BRACKET ASSY, SELECTOR VALVE AND OPERATING DRUM LH	1	BC
	5119300-1	BRACKET ASSY, SELECTOR VALVE AND OPERATING DRUM RH	1	A
	5205618-1	BRACKET ASSY, SELECTOR VALVE AND OPERATING DRUM RH	1	BC
		(ATTACHING PARTS)		
	AN3-5A	BOLT	12	
	AN960-10	WASHER	12	
- 10	AC811CT45-12	ELBOW, (USED ON 5119300 AND 5205618)	1	
- 11	AC811CT12	ELBOW, (USED ON 5119300 AND 5205618)	3	
- 12	AC811CT12	ELBOW	2	A
	AC811FT12	NIPPLE	2	BC
- 13	AC811CT12	ELBOW, (USED ON 5119300-1 AND 5205618-1)	4	
- 14	AN3-27A	BOLT	2	
	AN960-10	WASHER	2	
	MS21044N3	NUT, (ALT PN AN365-1032)	2	
- 15	2118142	BRACKET, POPPET FUEL VALVE SUPPORT (TYPE PK3) (MAKE FROM 2072841)	1	
- 16	MS20392-1C21	PIN, (ALT PN AN392-21)	1	
- 17	1311-587506	VALVE ASSY, FUEL SELECTOR (SEE T.O. 1C-1-557, -557A, -557B AND -557C)	2	
- 18	138687-1	DRIVER, FUEL VALVE	1	
- 19	138695	PLATE, FUEL VALVE CONTROL DRIVER	1	
- 20	S124604-10-8	PIN, SPECIAL THREADED TAPER	1	
- 20A	MS35338-3	WASHER, (ALT PN AN935-6)	1	
- 20B	MS20341-6S	NUT, (ALT PN AN340-6)	1	
- 21	AN320-6	NUT	1	
	1118138	SHAFT ASSY, FUEL VALVE OPERATING DRUM SUPPORT	1	
- 22	138696	DRIVER, FUEL VALVE CONTROL PLATE	1	
- 23	1118138-1	SHAFT, FUEL VALVE OPERATING DRUM SUPPORT	1	
	2118927-6	DRUM ASSY, K3 FUEL VALVE OPERATING (LH)	1	
	2118927-8	DRUM ASSY, K3 FUEL VALVE OPERATING (RH)	1	
- 24	MS21251B3S	BARREL, (ALT PN AN155-16S)	2	
- 25	AN565A4-8	SCREW	1	
- 26	2118927-2	CABLE ASSY, K3 FUEL VALVE OPERATING DRUM (USED ON 2118927-6)	1	
- 27	2118927-4	CABLE ASSY, K3 FUEL VALVE OPERATING DRUM (USED ON 2118927-8)	1	
- 28	2118140	DRUM, FUEL VALVE CONTROL (MAKE FROM 231939)	1	
- 29	4115931	BASE ASSY, POPPET FUEL VALVE (TYPE PK3)	2	
- 30	1040	BEARING, BALL (TYPE A) (53268) (ALT PN SR271-15 (75277))	2	
	SR271-15	BEARING, BALL (75277)	2	
- 31	4115931-2	BASE, POPPET FUEL VALVE (TYPE PK3)	1	
- 32	AN3-11	BOLT	4	
- 33	AN960-10	WASHER	4	
- 34	AN960-10	WASHER	8	A
- 35	AN310-3	NUT	4	
- 36	MS24556-2B	PULLEY, (ALT PN AN210-2A)	8	
		A 001 THRU 092, 146 THRU 148, 178 AND 555 THRU 558		
		B 093 THRU 145, 149 THRU 177 AND 179 THRU 541		
		C 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

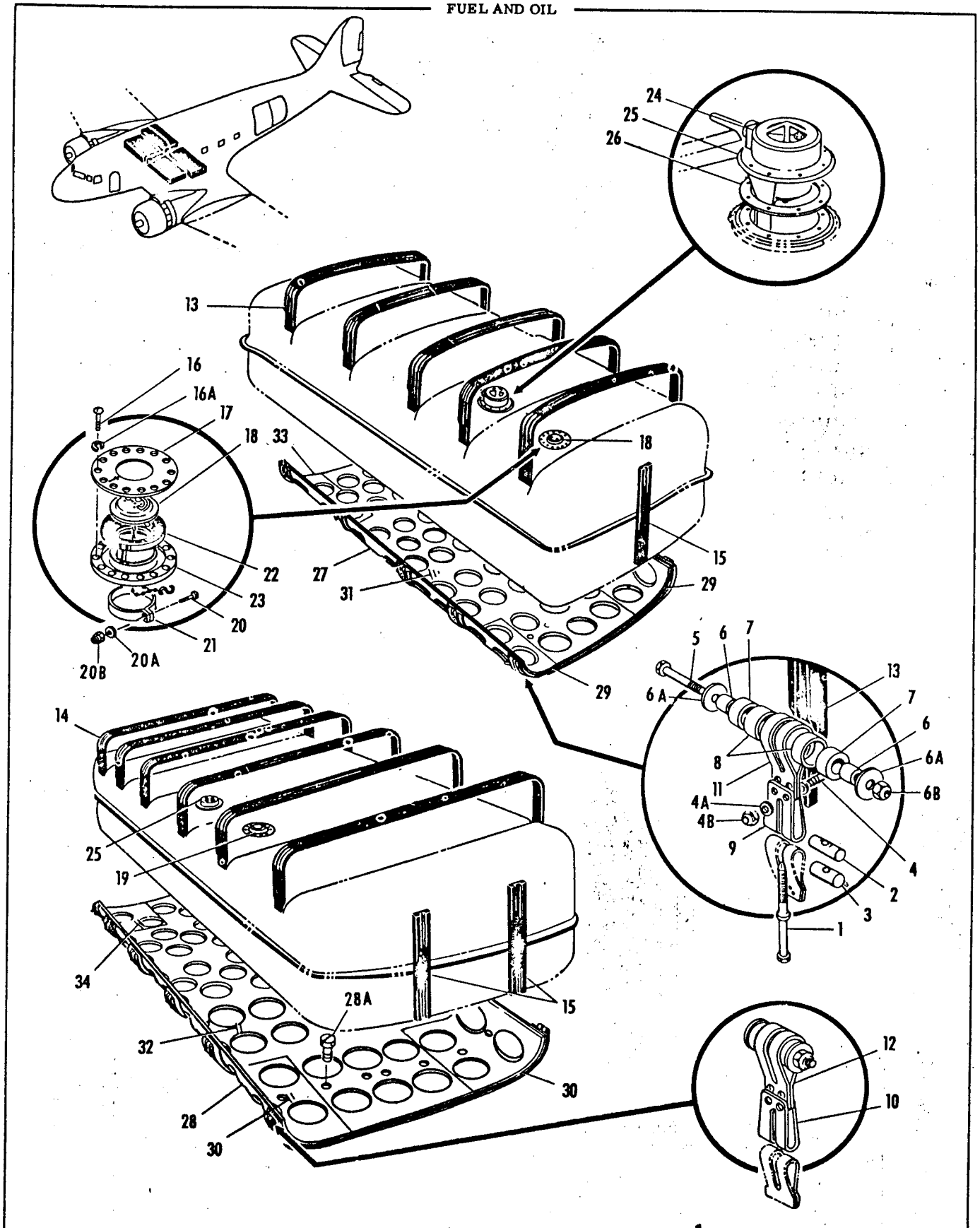

Figure 102. Center Wing Fuel System (Fuel Tank Accessories)

V4-146

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
102		CENTER WING FUEL SYSTEM (FUEL TANK ACCESSORIES)	REF	A
	5141802	SYSTEM INSTL, CENTER WING FUEL (SEE FIG. 6A FOR NHA)	REF	B
	5203727	SYSTEM INSTL, CENTER WING FUEL (SEE FIG. 6A FOR NHA)	REF	C
	5324103	SYSTEM INSTL, CENTER WING FUEL (SEE FIG. 6A FOR NHA)		
- 1	1114259	BOLT, FUEL TANK SUPPORT STRAP TRUNION	44	
- 2	1118139	TRUNNION, FUEL TANK SUPPORT SLING	44	
- 3	1132725	TRUNION, FUEL TANK CRADLE SUPPORT BRACKET	44	
- 4	AN4-5A	BOLT	88	
- 4A	AN960-416	WASHER	88	
- 4B	MS21044N4	NUT, (ALT PN AN365-428)	88	
- 5	AN4-22A	BOLT	44	
- 6	NAS43DD1-16	SPACER, (ALT PN S2033901-8D265-008)	88	
- 6A		WASHER, (PN S143908-008S116-064)	88	
- 6B	MS21044N4	NUT, (ALT PN AN365-428)	44	
- 7	S112585	BUSHING, TANK STRAP	88	
- 8	132768	RETAINER, FUEL TANK SUPPORT	88	
- 9	2114291-4	SLING, MAIN FUEL TANK STRAP	20	
- 10	2114291-2	SLING, AUXILIARY FUEL TANK STRAP	24	
- 11	1118137-4	SADDLE, MAIN FUEL TANK STRAP SLING	20	
- 12	1118137-2	SADDLE, AUXILIARY FUEL TANK STRAP SLING	24	
- 13	S1085061-2800	CHANNEL, TANK STRAP PAD 1-1/4 IN.	20	
- 14	S1085061-2500	CHANNEL, TANK STRAP PAD 1-1/4 IN.	24	
- 15	S1085061-1800	CHANNEL, TANK STRAP PAD 1-1/4 IN.	10	
- 16	MS35206-242	SCREW, (ALT PN AN515-8-5)	48	
- 16A	MS35388-42	WASHER, (ALT PN AN935-8)	48	
- 17	2118684	RING, FUEL TANK FILLER NECK	4	
- 18	2075832R202	CAP ASSY, TANK FILLER NECK 4-1/2 IN. (MAIN TANKS)	2	
- 19	2075832R200	CAP ASSY, TANK FILLER NECK 4-1/2 IN. (AUXILIARY TANKS)	2	
	1024108-1	GASKET, FUEL TANK CAP	4	
- 20	MS35206-245	SCREW, (ALT PN AN515-8-8) (SEE T.O. 1C-47-31)	4	
- 20A	AN960-8	WASHER, (SEE T.O. 1C-47-31)	4	
- 20B	MS21044N08	NUT, (ALT PN AN365-832) (SEE T.O. 1C-47-31)	4	
- 21	S127057-86	CLIP, LOOP TYPE TUBE	4	
- 22	4135240	SEAL, MAIN AND AUXILIARY FUEL TANK FILLER NECK	4	
- 23	2118685	FLANGE, FUEL TANK FILLER NECK	4	
- 24	MS3102R14S1P	CONNECTOR, (ALT PN AN3102-14S1P)	1	
- 25	EA15	UNIT ASSY, TOP MOUNT TANK (36536) (WITH HOUSING AND FLOAT)	1	
	4113228-2	FLOAT ASSY, ELECTRIC FUEL GAGE MAIN TANK LH	1	
	4113228-3	FLOAT ASSY, ELECTRIC FUEL GAGE MAIN TANK RH	1	
	4113228-4	FLOAT ASSY, ELECTRIC FUEL GAGE AUXILIARY TANK LH	1	
	4113228-5	FLOAT ASSY, ELECTRIC FUEL GAGE AUXILIARY TANK RH	1	
- 26	1113286	GASKET, LIQUIDOMETER GAUGE	4	
- 27	5132633	CRADLE ASSY, MAIN FUEL TANK	2	
- 28	5132632	CRADLE ASSY, AUXILIARY FUEL TANK	2	
		(ATTACHING PARTS)		
- 28A	AN503-10-12	SCREW	128	
		PAD, MAIN FUEL TANK CRADLE	2	
- 29	5132633-10	PAD, AUXILIARY FUEL TANK CRADLE	2	
- 30	5132632-10	PAD, MAIN FUEL TANK CRADLE	1	
- 31	5132633-8	PAD, AUXILIARY FUEL TANK CRADLE	1	
- 32	5132632-8	PAD, MAIN FUEL TANK CRADLE	2	
- 33	5132633-12	PAD, AUXILIARY FUEL TANK CRADLE	2	
- 34	5132632-12			
		A 001 THRU 092, 146 THRU 148, 178 AND 555 THRU 558		
		B 093 THRU 145, 149 THRU 177 AND 179 THRU 541		
		C 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

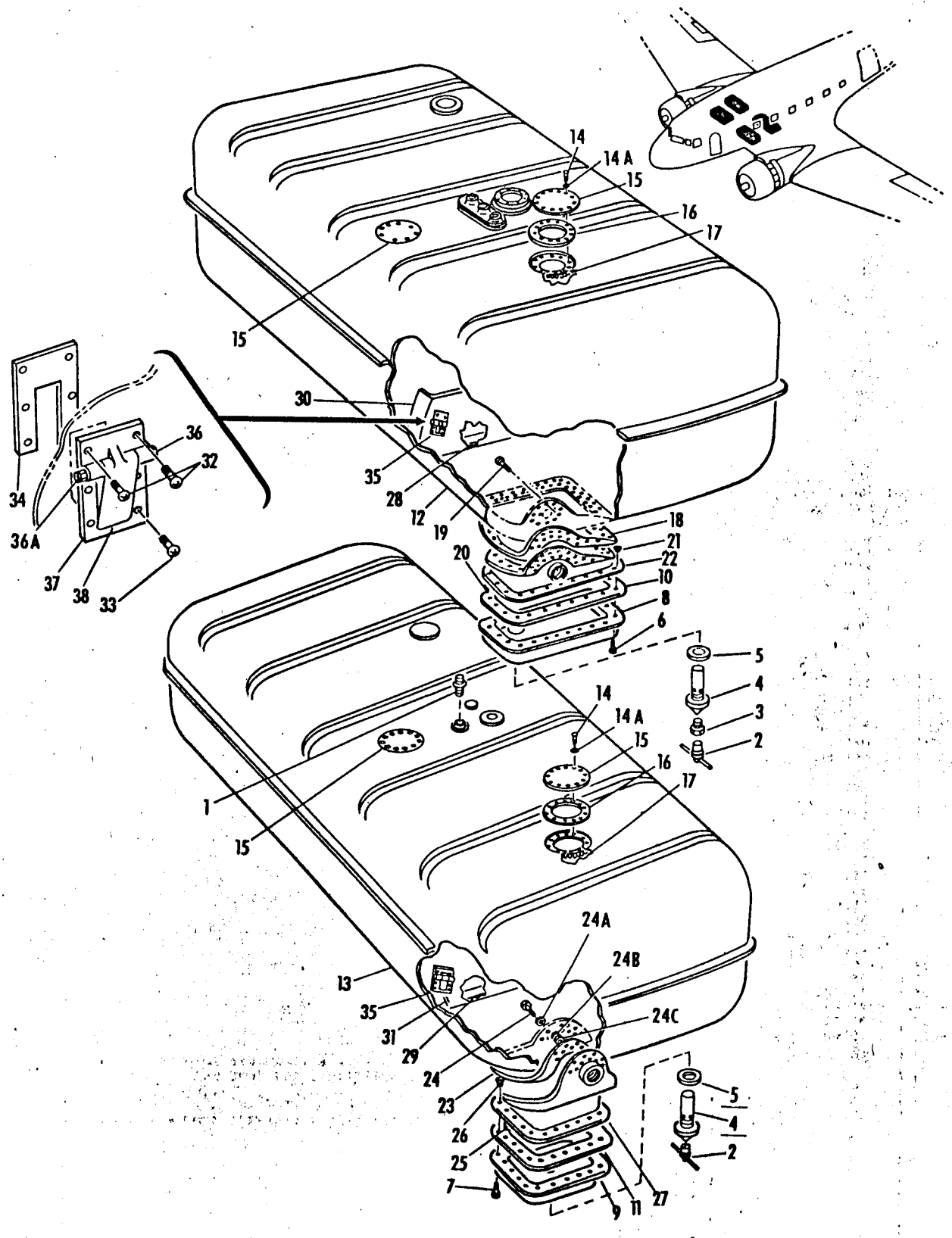

Figure 103. Center Wing Fuel System (Fuel Tanks)

V4-148

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
103		CENTER WING FUEL SYSTEM (FUEL TANKS)		
	5141802	SYSTEM INSTL, CENTER WING FUEL (SEE FIG. 6A FOR NHA)	REF	A
	5203727	SYSTEM INSTL, CENTER WING FUEL (SEE FIG. 6A FOR NHA)	REF	B
	5324103	SYSTEM INSTL, CENTER WING FUEL (SEE FIG. 6A FOR NHA)	REF	C
- 1	AC811FT6	NIPPLE	2	
- 2	MS35782-4	COCK ASSY, (ALT PN AN771-2)	4	A
	K1700B2	COCK ASSY, DRAIN (75361)	4	BC
- 3	2189530	EXTENSION, FUEL TANK DRAIN	2	
- 4	AC37B4095-2	PLUG ASSY	4	
- 5	MS35769-21	GASKET, (ALT PN AN900-16)	4	
- 6	AN3H6A	BOLT, (ALT PN S132100-3-6A)	34	
	AN310-3	NUT	26	
- 7	AN3H6A	BOLT, (ALT PN S132100-3-6A)	24	
	AN310-3	NUT	20	
- 8	5113147	SUMP, MAIN FUEL TANK LH	1	
	5113147-1	SUMP, MAIN FUEL TANK RH	1	
- 9	5114619	SUMP, AUXILIARY FUEL TANK LH	1	
	5114619-1	SUMP, AUXILIARY FUEL TANK RH	1	
- 10	4113287	GASKET, MAIN FUEL TANK SUMP	2	
- 11	4114685	GASKET, AUXILIARY FUEL TANK SUMP	2	
- 12	5110508	TANK ASSY, MAIN FUEL LH	1	
	5110508-1	TANK ASSY, MAIN FUEL RH	1	
- 13	5110509	TANK ASSY, AUXILIARY FUEL LH	1	
	5110509-1	TANK ASSY, AUXILIARY FUEL RH	1	
- 14	MS35265-64	SCREW, (ALT PN AN500A10-10)	24	
- 14A	AN960-10L	WASHER	24	
- 15	2117803	COVER, MAIN FUEL TANK HAND HOLE	2	
- 16	2117802	GASKET, FUEL TANK HAND HOLE	2	
- 17	4189528	FLANGE, FUEL TANK HAND HOLE COVER (MAKE FROM 4135451)	2	-
	5113727	ADAPTER ASSY, MAIN FUEL TANK SUMP LH	1	
	5113727-1	ADAPTER ASSY, MAIN FUEL TANK SUMP RH	1	
		(ATTACHING PARTS)		
- 18	2132718	GASKET, MAIN FUEL TANK SUMP ADAPTER	1	
- 19	AN3-6A	BOLT	52	
	S124682-3D10-064	WASHER	52	
	S124682-3D7-032	WASHER	52	
	MS21044N3	NUT, (ALT PN AN365-1032)	52	
- 20	1139286	STUD, SPECIAL	13	
- 21	22D12-02	NUT, SPLINE (72962)	17	
- 22	5113727-2	ADAPTER, MAIN FUEL TANK SUMP LH	1	
	5113727-3	ADAPTER, MAIN FUEL TANK SUMP RH	1	
	5114720	ADAPTER ASSY, AUXILIARY FUEL TANK SUMP LH	1	
	5114720-1	ADAPTER ASSY, AUXILIARY FUEL TANK SUMP RH	1	
		(ATTACHING PARTS)		
- 23	2132721	GASKET, AUXILIARY FUEL TANK SUMP ADAPTER	1	
- 24	AN3-6A	BOLT	44	
- 24A	S124682-3D10-064	WASHER	44	
- 24B	S124682-3D7-032	WASHER	44	
- 24C	MS21044N3	NUT, (ALT PN AN365-1032)	44	
- 25	1139286	STUD, SPECIAL	10	
- 26	22D12-02	NUT, SPLINE (72962)	12	
- 27	5114720-2	ADAPTER, AUXILIARY FUEL TANK SUMP LH	1	
	5114720-3	ADAPTER, AUXILIARY FUEL TANK SUMP RH	1	
- 28	5110508-12	RETAINER, MAIN FUEL TANK LH	1	
	5110508-11	RETAINER, MAIN FUEL TANK RH	1	
- 29	5110509-16	RETAINER, AUXILIARY FUEL TANK LH	1	
	5110509-15	RETAINER, AUXILIARY FUEL TANK RH	1	
- 30	5133437	BAFFLE ASSY, MAIN FUEL TANK	1	
- 31	5133436	BAFFLE ASSY, AUXILIARY FUEL TANK	1	
- 32	MS35206-248	SCREW, (ALT PN AN515-8-14)	6	
	MS35206-247	SCREW, (ALT PN S1027301-8-12)	6	
- 33	MS35206-248	SCREW, (ALT PN S1027301-8-14)	12	
	MS35206-248	SCREW, (ALT PN AN515-8-14)	12	
	AN960-8	WASHER	18	
	MS21044N08	NUT, (ALT PN AN365-832)	18	
- 34	1139429	PLATE, FLAPPER VALVE BACK	3	
- 35	1135429	VALVE ASSY, FUEL TANK CHECK	3	
- 36	AN3C22A	BOLT	1	
- 36A	MS21046C8	NUT, (ALT PN AN363C1032)	1	
- 37	2135381	SEAT, FUEL TANK CHECK VALVE	1	
- 38	1135380	VALVE, FUEL TANK CHECK	1	
		A 001 THRU 092, 146 THRU 148, 178 AND 555 THRU 558		
		B 093 THRU 145, 149 THRU 177 AND 179 THRU 541		
		C 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

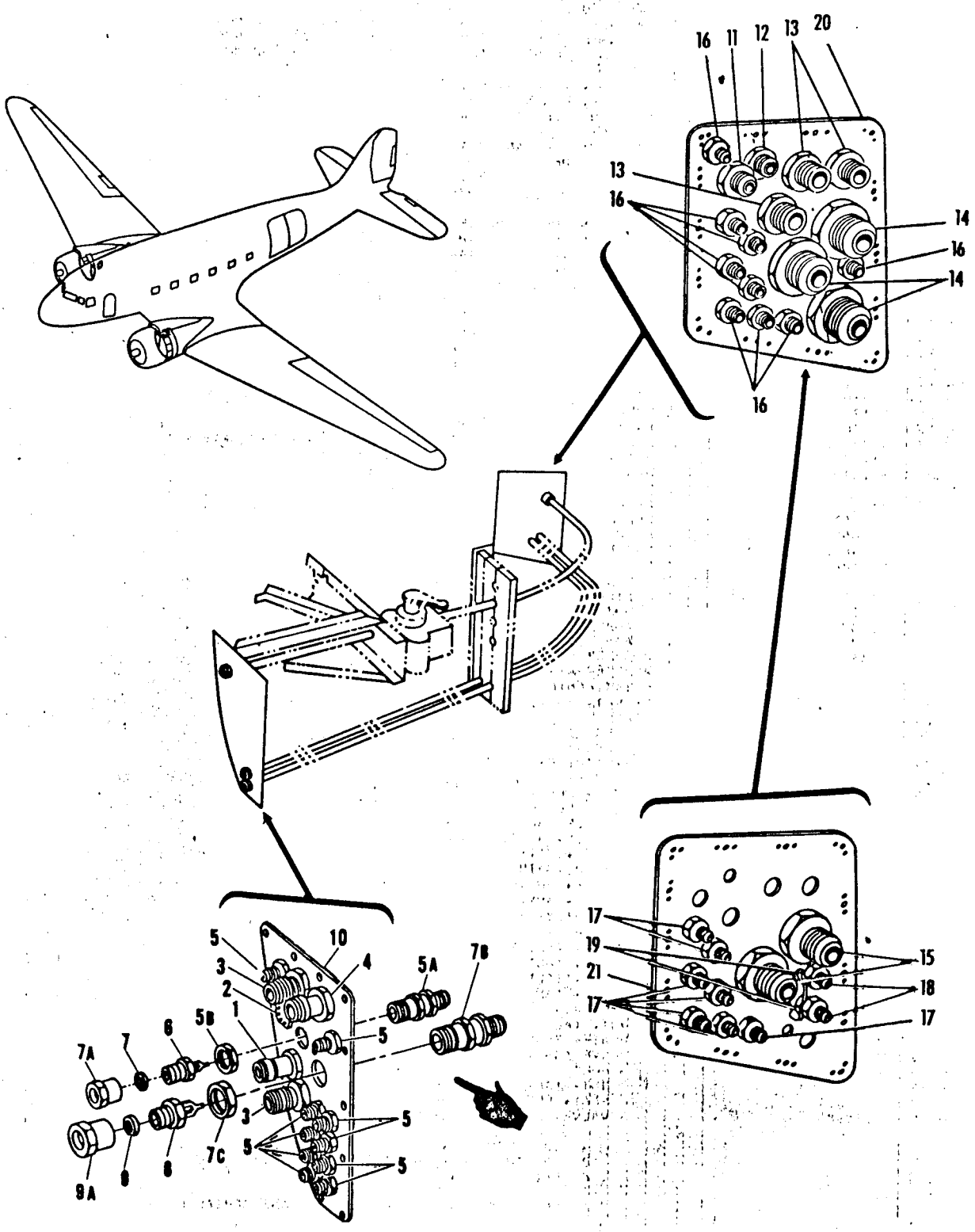

Figure 104. Connector Plates

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
104		CONNECTOR PLATES		
	5355069-500	PLATE INSTL, FIREWALL LINE LH (SEE T.O. 1C-1-31) (SEE FIG. 97 AND 99 FOR NHA)	REF	
	5355069-501	PLATE INSTL, FIREWALL LINE RH (SEE T.O. 1C-1-31) (SEE FIG. 97 AND 99 FOR NHA)	REF	
- 1	2399113	CONNECTOR, FIREWALL VACUUM SUCTION LINE HOSE	1	
	AN924-16	NUT	1	
- 2	5492118-23	DOUBLER, (SEE T.O. 1C-1-41)	1	
- 3	AN832-12	UNION	2	
- 4	2399112	CONNECTOR, FIREWALL SURFACE DEICER LINE HOSE	1	
	AN924-12	NUT	3	
- 5	AN832-4	UNION	10	
	AN924-4	NUT	10	
- 5A	S2024792	VALVE ASSY, HYDRAULIC PUMP PRESSURE LINE DISCONNECT	1	
- 5B	1118390	NUT, HYDRAULIC PUMP PRESSURE LINE DISCONNECT	1	
- 6	1350871	BODY, ENGINE HYDRAULIC PUMP PRESSURE HOSE ADAPTER	1	
- 7	MS35769-15	GASKET, (ALT PN AN900-12)	1	
- 7A	1143340	NUT, ENGINE HYDRAULIC PUMP PRESSURE HOSE ADAPTER	1	
- 7B	S2024790	VALVE ASSY, HYDRAULIC PUMP SUCTION LINE DISCONNECT	1	
- 7C	1118391	NUT, HYDRAULIC PUMP SUCTION LINE DISCONNECT	1	
- 8	1350870	BODY, ENGINE HYDRAULIC PUMP SUCTION HOSE ADAPTER	1	
- 9	MS35769-24	GASKET, (ALT PN AN900-17)	1	
- 9A	1143338	NUT, ENGINE HYDRAULIC PUMP SUCTION HOSE ADAPTER	1	
- 10	5355069-4	PLATE, FIREWALL LINE LH	1	
	5355069-5	PLATE, FIREWALL LINE RH	1	
	4141958	CONNECTOR ASSY, NACELLE INBOARD CANTILEVER RIB LINE LH (SEE FIG. 97 FOR NHA)	REF	A
	4141958-1	CONNECTOR ASSY, NACELLE INBOARD CANTILEVER RIB LINE RH (SEE FIG. 97 FOR NHA)	REF	A
	4204214	CONNECTOR ASSY, NACELLE INBOARD CANTILEVER RIB LINE LH (SEE FIG. 99 FOR NHA)	REF	B
	4204214-1	CONNECTOR ASSY, NACELLE INBOARD CANTILEVER RIB LINE RH (SEE FIG. 99 FOR NHA)	REF	B
- 11	3115-1HT7D	COUPLING, (45681)	1	
	11-1039-1-7D	NUT, LOCK (45681)	1	
- 12	3115-1HT6D	COUPLING, (45681)	1	
	11-1039-1-5D	NUT, LOCK (45681)	1	
- 13	3115-1HT8D	COUPLING, (45681)	3	
	11-1039-1-10D	NUT, LOCK (45681)	3	
- 14	3115-1HT12D	COUPLING, (45681)	3	A
- 15	3115-1HT12D	COUPLING, (45681)	2	B
	11-1039-1-19D	NUT, LOCK (45681)	3	A
	11-1039-1-19D	NUT, LOCK (45681)	2	B
- 16	3115-1HT4D	COUPLING, (45681)	9	A
- 17	3115-1HT4D	COUPLING, (45681)	7	B
	11-1039-1-3D	NUT, LOCK (45681)	9	A
	11-1039-1-3D	NUT, LOCK (45681)	7	B
- 18	AN832-4D	UNION	2	B
- 19	AN924-4D	NUT	2	B
- 20	4115130	PLATE ASSY, NACELLE INBOARD CANTILEVER RIB LINE CONNECTOR LH	1	A
	4115130-1	PLATE ASSY, NACELLE INBOARD CANTILEVER RIB LINE CONNECTOR RH	1	A
- 21	4204348	PLATE ASSY, NACELLE INBOARD CANTILEVER RIB LINE CONNECTOR LH	1	B
	4204348-1	PLATE ASSY, NACELLE INBOARD CANTILEVER RIB LINE CONNECTOR RH	1	B
		A 001 THRU 092, 146 THRU 148, 178 AND 555 THRU 558		
		B 093 THRU 145, 149 THRU 177 AND 179 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

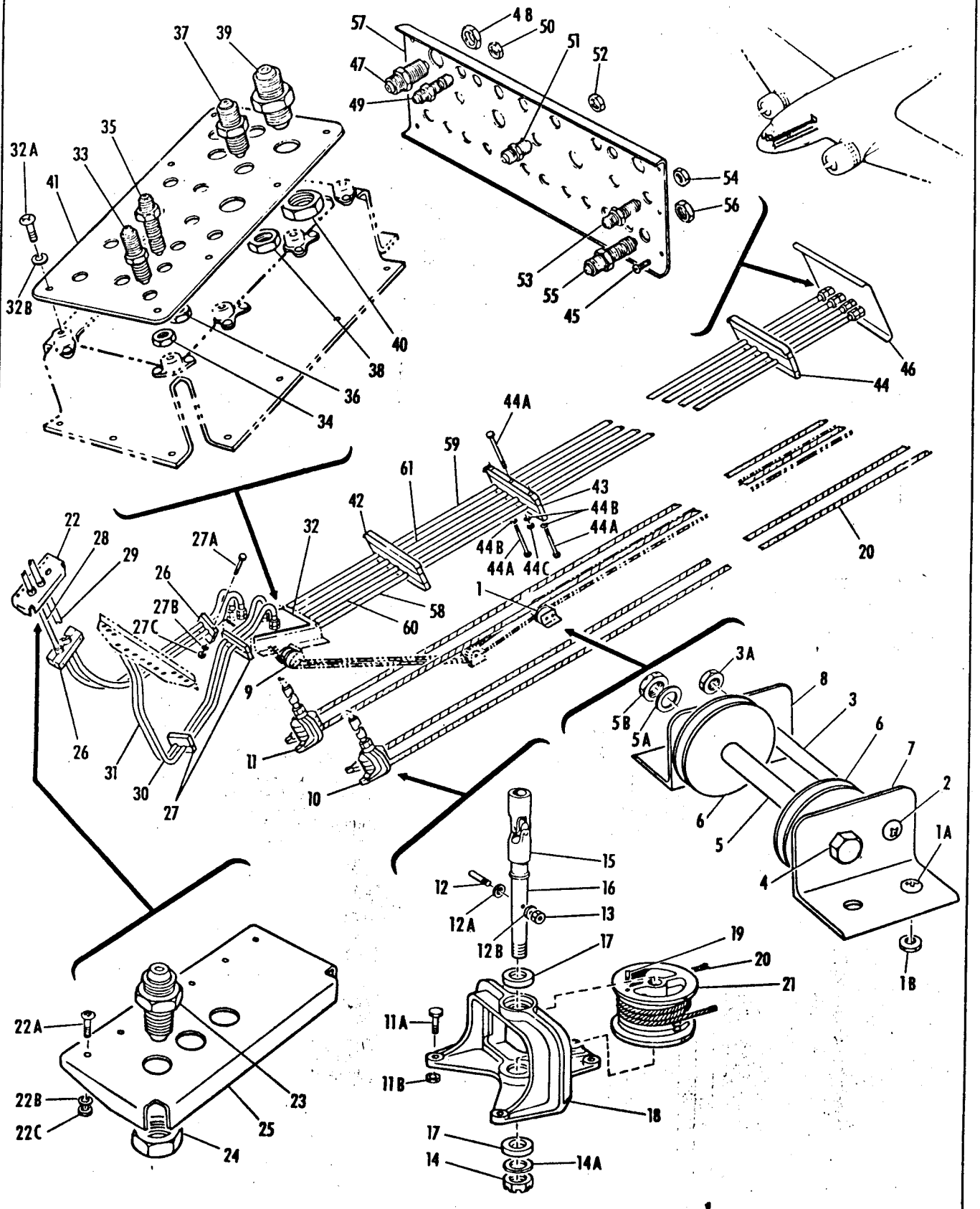

Figure 105. Fuselage Fuel System (Station 30 to 200)

V4-163

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
105		FUSELAGE FUEL SYSTEM (STA 30 TO 200)		
	5110555	SYSTEM INSTL, FUSELAGE FUEL (SEE FIG. 16 FOR NHA)	REF	A
	5142060	SYSTEM INSTL, FUSELAGE FUEL (SEE FIG. 16 FOR NHA)	REF	B
	5203736	SYSTEM INSTL, FUSELAGE FUEL (SEE FIG. 16 FOR NHA)	REF	C
- 1	1130440	BRACKET ASSY, PULLEY STA 76	1	AB
		(ATTACHING PARTS)		
- 1A	MS35206-244	SCREW, (ALT PN AN515-8-7)	2	AB
- 1B	MS21044N08	NUT, (ALT PN AN365-832)	2	AB
- 2	MS35206-257	SCREW, (ALT PN AN515-8-48)	1	AB
- 3	NAS43DD2-154	SPACER, (ALT PN S117425-2D213)	1	AB
- 3A	MS21044N08	NUT, (ALT PN AN365-832)	1	AB
- 4	AN3-30	BOLT	1	AB
- 5	NAS43DD3-112	SPACER, (ALT PN S117425-3D124)	1	AB
- 5A	AN960-10L	WASHER	2	AB
- 5B	AN310-3	NUT	1	AB
- 6	MS24566-1B	PULLEY, (ALT PN AN210-1A)	2	AB
- 7	1130439	BRACKET, CROSSFEED CABLE CONTROL IDLER PULLEY STA 76 LH	1	AB
		(MAKE FROM 1081111-121)		
- 8	1130439-1	BRACKET, CROSSFEED CABLE CONTROL IDLER PULLEY STA 76 RH	1	AB
		(MAKE FROM 1081111-121)		
- 9	MS24566-2B	PULLEY, (ALT PN AN210-2A)	2	AB
- 10	2119150-8	DRUM ASSY, FUEL VALVE CONTROL FRONT LH	1	
- 11	2119150-6	DRUM ASSY, FUEL VALVE CONTROL FRONT RH	1	
		(ATTACHING PARTS)		
- 11A	AN3-5A	BOLT	8	
- 11B	MS21044N3	NUT, (ALT PN AN365-1032)	8	
- 12	S124604-10-8	PIN	1	
- 12A	AN960-6	WASHER	1	
- 12B	MS35338-6	WASHER, (ALT PN AN935-6)	1	
- 13	MS20341-6S	NUT, (ALT PN AN340-6)	1	
- 14	AN320-6	NUT	1	
- 14A	AN960-616	WASHER	1	
- 15	2119150-2	JOINT, UNIVERSAL (MAKE FROM AN270B8)	1	
- 16	1119215	SHAFT, FUEL VALVE CONTROL FRONT CABLE DRUM	1	
- 17	1040	BEARING, BALL (TYPE A) (53268)	2	
- 18	2119216	BRACKET, FUEL VALVE CONTROL DRUM SUPPORT LH	1	
		(MAKE FROM 2005458)		
	4119214	BRACKET, FUEL VALVE CONTROL DRUM SUPPORT RH	1	
		(MAKE FROM 4024400)		
- 19	AN565A4-8	SCREW	1	
- 20	2119150-4	CABLE ASSY, FUEL VALVE CONTROL FRONT DRUM	1	
		(MAKE FROM S2074407CC29200)		
- 21	2118140	DRUM, FUEL VALVE CONTROL (MAKE FROM 231939)	1	
- 22	1116892	BRACKET ASSY, PRUSSURE GAGE PIPE CONNECTOR	1	AB
	1204322	BRACKET ASSY, PRESSURE GAGE PIPE CONNECTOR	1	C
		(ATTACHING PARTS)		
- 22A	MS35206-230	SCREW, (ALT PN AN515-6-8)	6	A
	MS24621-18	SCREW, (ALT PN AN530-6-8)	6	BC
- 22B	AN960-6	WASHER	6	A
- 22C	MS21044N06	NUT, (ALT PN AN365-632)	6	A
	1181-6Z	NUT, (78553) (ALT PN 1181M1 (78553))	6	BC

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
	CONTINUED			
105				
- 23	3115-1HT4D	COUPLING, BULKHEAD (45681)	5	AB
	3115-1HT4D	COUPLING, BULKHEAD (45681)	3	C
- 24	11-1039-1-3D	NUT, LOCK (45681)	5	AB
	11-1039-1-3D	NUT, LOCK (45681)	3	C
- 25	1116890	BRACKET, PRESSURE GAGE PIPE CONNECTOR	1	AB
	1204351	BRACKET, PRESSURE GAGE PIPE CONNECTOR	1	C
- 26	2116891	CLAMP, FUSELAGE NOSE PRESSURE GAGE PIPE	2	
- 27	1117268	CLAMP, FUSELAGE NOSE SUPERCHARGER PIPE	2	
		(ATTACHING PARTS)		
- 27A	AN3-14A	BOLT	8	
- 27B	AN960-10L	WASHER	8	
- 27C	MS21044N3	NUT, (ALT PN AN365-1032) (USED WITH 2116891)	4	
- 28	5112318-2	PIPE ASSY, FUEL PRESSURE GAGE PIPE CONNECTOR BRACKET TO TUNNEL FORWARD CONNECTOR PLATE LH	1	
- 29	5112318-4	PIPE ASSY, FUEL PRESSURE GAGE PIPE CONNECTOR BRACKET TO TUNNEL FORWARD CONNECTOR PLATE RH	1	
- 30	5112318-6	PIPE ASSY, SUPERCHARGER PIPE CONNECTOR BRACKET TO TUNNEL FORWARD CONNECTOR PLATE LH	1	
- 31	5112318-8	PIPE ASSY, SUPERCHARGER PIPE CONNECTOR BRACKET TO TUNNEL FORWARD CONNECTOR PLATE RH	1	
- 32	2116073	PLATE ASSY, RH FUSELAGE TUNNEL PIPE FORWARD CONNECTOR	1	
		(ATTACHING PARTS)		
- 32A	MS35207-263	SCREW, (ALT PN AN526-1032-8)	8	A
	MS24621-43	SCREW, (ALT PN AN530-10-8)	8	BC
- 32B	AN960-10L	WASHER	8	A
- 33	3115-1HT4D	COUPLING, (45681)	12	
- 34	11-1039-1-3D	NUT, LOCK (45681)	12	
- 35	AN832-4D	UNION	2	
- 36	AN924-4D	NUT	2	
- 37	3115-1HT6D	COUPLING, (45681)	4	
- 38	11-1039-1-5D	NUT, LOCK (45681)	4	
- 39	3115-1HT8D	COUPLING, (45681)	2	
- 40	11-1039-1-10D	NUT, LOCK (45681)	2	
- 41	2114889	PLATE, RH FUSELAGE TUNNEL PIPE FORWARD CONNECTOR	1	
- 42	2114396	CLAMP ASSY, RH FUSELAGE TUNNEL PIPE STA 62	1	
- 43	2114395	CLAMP ASSY, RH FUSELAGE TUNNEL PIPE STA 80	1	AB
	2204307	CLAMP ASSY, RH FUSELAGE TUNNEL PIPE STA 80	1	C
- 44	2114394	CLAMP ASSY, RH FUSELAGE TUNNEL PIPE	6	AB
	2204308	CLAMP ASSY, RH FUSELAGE TUNNEL PIPE	6	C
		(ATTACHING PARTS)		
- 44A	AN3-22A	BOLT	24	
- 44B	AN960-10L	WASHER	21	
	AN960-10	WASHER, (USED ON 2114395 AND 2204307)	3	
- 44C	MS21044N3	NUT, (ALT PN AN365-1032)	8	
- 45	MS35207-262	SCREW, (ALT PN AN526-1032-7)	6	A
	MS24621-43	SCREW, (ALT PN AN530-10-8)	6	BC
- 46	4115944	PLATE ASSY, RH FUSELAGE TUNNEL PIPE AFT CONNECTOR	1	A
	4141948	PLATE ASSY, RH FUSELAGE TUNNEL PIPE AFT CONNECTOR	1	B
	4204213	PLATE ASSY, RH FUSELAGE TUNNEL PIPE AFT CONNECTOR	1	C

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
	CONTINUED			
105				
- 47	3115-1HT8D	COUPLING, BULKHEAD (45681)	4	
- 48	11-1039-1-10D	NUT, LOCK (45681)	4	
- 49	AN832-4D	UNION	2	C
- 50	AN924-4D	NUT	2	C
- 51	3115-1HT6D	COUPLING, BULKHEAD (45681)	3	A
	3115-2HT6D	COUPLING, BULKHEAD (45681)	2	BC
	3115-1HT6D	COUPLING, BULKHEAD (45681)	1	B
	3115-1HT6D	COUPLING, BULKHEAD (45681)	2	C
- 52	11-1039-1-5D	NUT, LOCK (45681)	3	AB
	11-1039-1-5D	NUT, LOCK (45681)	4	C
- 53	3115-1HT4D	COUPLING, BULKHEAD (45681)	16	
- 54	11-1039-1-3D	NUT, LOCK (45681)	16	
- 55	3115-1HT7D	COUPLING, (45681)	2	
- 56	11-1039-1-7D	NUT, LOCK (45681)	2	
- 57	4115033	PLATE, RH FUSELAGE TUNNEL PIPE AFT CONNECTOR	1	A
	4141928	PLATE, RH FUSELAGE TUNNEL PIPE AFT CONNECTOR	1	B
	4204347	PLATE, RH FUSELAGE TUNNEL PIPE AFT CONNECTOR	1	C
- 58	5112318-1	PIPE ASSY, TUNNEL FORWARD CONNECTOR PLATE TO TUNNEL AFT CONNECTOR PLATE LH	1	
- 59	5112318-3	PIPE ASSY, TUNNEL FORWARD CONNECTOR PLATE TO TUNNEL AFT CONNECTOR PLATE RH	1	
- 60	5112318-5	PIPE ASSY, TUNNEL FORWARD CONNECTOR PLATE TO TUNNEL AFT CONNECTOR PLATE LH	1	
- 61	5112318-7	PIPE ASSY, TUNNEL FORWARD CONNECTOR PLATE TO TUNNEL AFT CONNECTOR PLATE RH	1	
		A 026 B 001 THRU 025, 027 THRU 092, 146 THRU 148, 178 AND 555 THRU 558 C 093 THRU 145, 149 THRU 177 AND 179 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

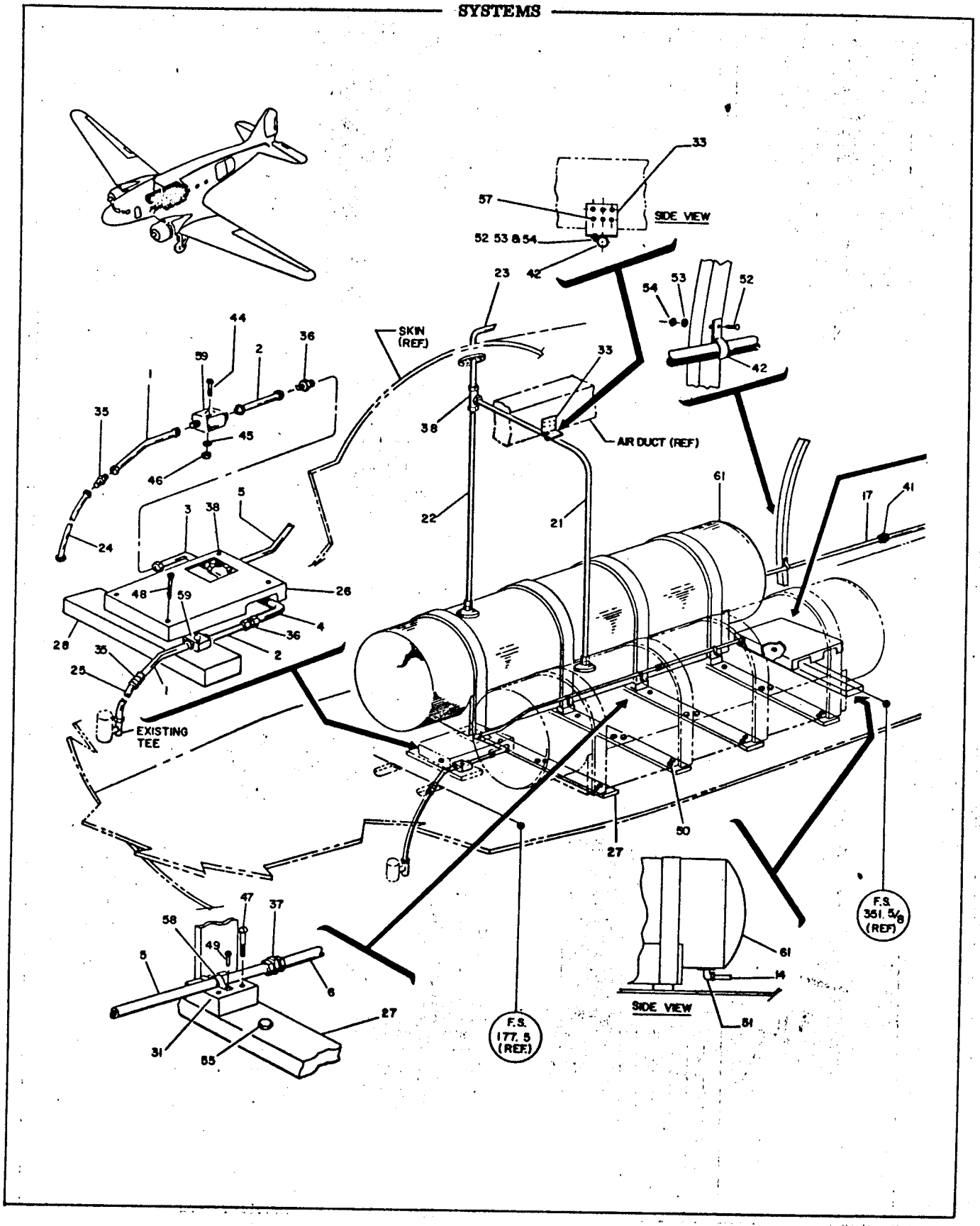

Figure 105A - Fuel System (Sheet 1 of 2)

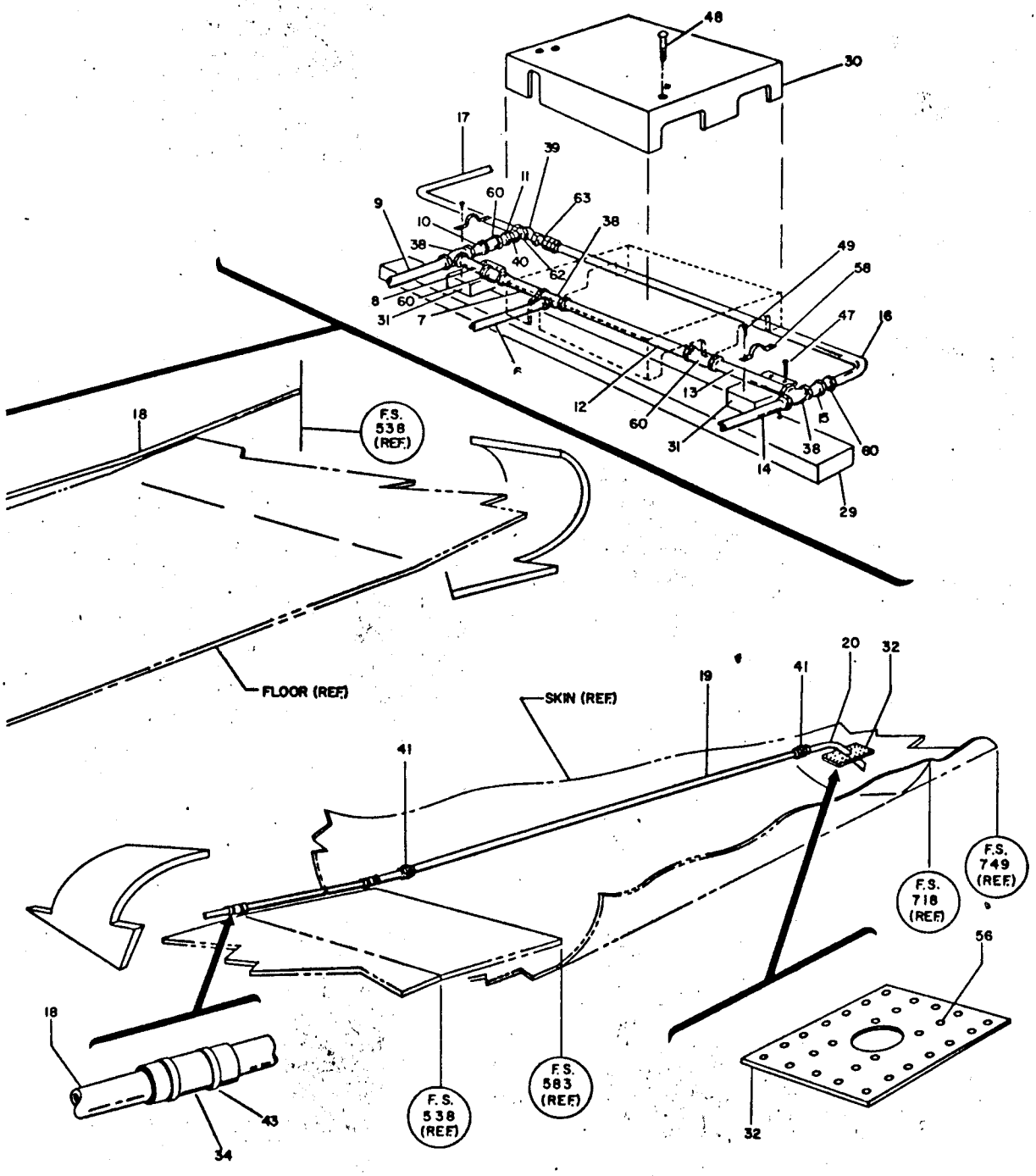

Figure 105A - Fuel System (Sheet 2 of 2)

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
105A -	65K46357	TANK INSTALLATION, FERRY-C-47 ACFT	Ref	
- 1	65A46242	TUBING	2	
- 2	65A46243	TUBING	2	
- 3	65A46246	TUBING	1	
- 4	65A46244	TUBING	1	
- 5	65A46251	TUBING	1	
- 6	65A46253	TUBING	1	
- 7	65A46326	TUBING	1	
- 8	65A46327	TUBING	1	
- 9	65A46328	TUBING	1	
- 10	65A46329	TUBING	1	
- 11	65A46330	TUBING	1	
- 12	65A46331	TUBING	1	
- 13	65A46332	TUBING	1	
- 14	65A46333	TUBING	1	
- 15	65A46334	TUBING	1	
- 16	65A46335	TUBING	1	
- 17	65A46336	TUBING	1	
- 18	65A46337	TUBING	1	
- 19	65A46338	TUBING	1	
- 20	65A46339	TUBING	1	
- 21	65A46340	TUBING	1	
- 22	65A46341	TUBING	1	
- 23	61B43273	TUBING	1	
- 24	61B43265	TUBING	1	
- 25	61B43266	TUBING	1	
- 26	65C46235	PLATFORM	1	
- 27	65B46238-5	BOARD	4	
- 28	65B46238-3	BOARD	1	
- 29	65B46238-4	BOARD	1	
- 30	65C46346	PLATFORM	1	
- 31	65B46347	BLOCK	5	
- 32	65B46348	DOUBLER	1	
- 33	65B46351	BRACKET	1	
- 34	65K46353-3	GROMMET	2	
- 35	AN815-12D	UNION	2	
- 36	AN919-23D	REDUCER	2	
- 37	AN815-16D	UNION	1	
- 38	AN824-16D	TEE	5	
- 39	AN824-24D	TEE	1	
- 40	AN919-27D	REDUCER	2	
- 41	AN815-24D	UNION	3	
- 42	MS21919-24	CLAMP	18	
- 43	AN737-TW56	CLAMP	4	
- 44	AN526DD632-48	SCREW	4	
- 45	AN960PD6L	WASHER	4	
- 46	MS21044D06	NUT	4	
- 47	MS35495-102	SCREW	10	
- 48	MS35494-94	SCREW	8	
- 49	MS35495-94	SCREW	10	
- 50	MS20069-1	BOLT	32	
- 51	AN821-16D	ELBOW	2	
- 52	AN520DD10-12	SCREW	18	
- 53	AN960PD10L	WASHER	18	
- 54	MS21044D3	NUT	18	
- 55	NAS1112-28	BOLT	6	
- 56	MS20470AD4-6	RIVET	36	
- 57	MS20600AD4K4	RIVET	6	
- 58	760-16-2-8AF	STRAP	5	
- 59	5-1050-3M4N	VALVE	2	
- 60	5-1050-4M4N	VALVE	4	
- 61	A1123	TANK	2	
- 62	65A46360	TUBING	1	
- 63	65A46361	TUBING	1	

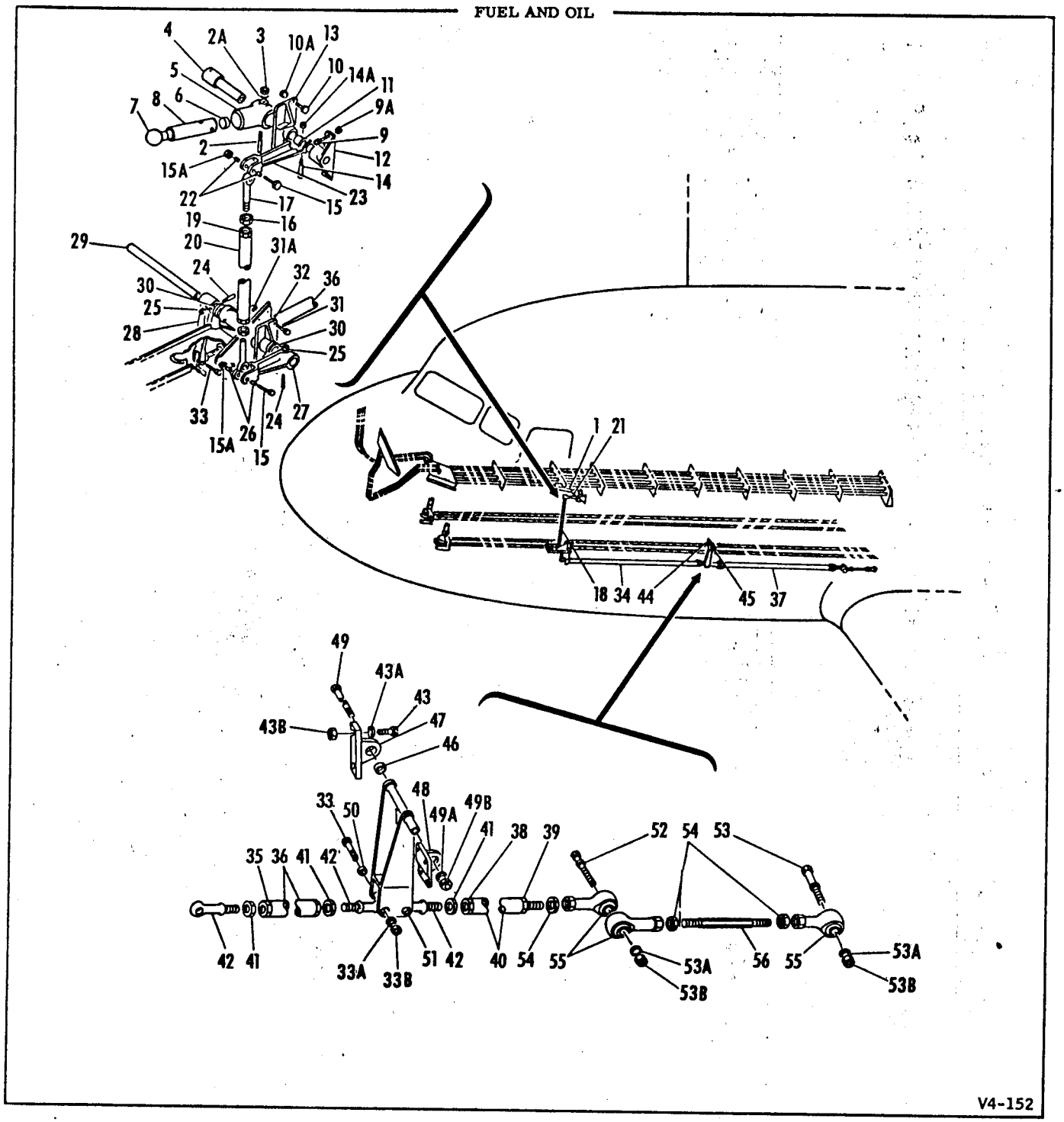

Figure 106. Fuselage Fuel System (Fuel Wobble Pump Linkage)

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
106		FUSELAGE FUEL SYSTEM (FUEL WOBBLE PUMP LINKAGE)		
	5110555	SYSTEM INSTL, FUSELAGE FUEL (SEE FIG. 16 FOR NHA)	REF	A
	5142060	SYSTEM INSTL, FUSELAGE FUEL (SEE FIG. 16 FOR NHA)	REF	B
- 1	2118774	HANDLE ASSY, WOBBLE PUMP	1	AB
- 2	AN386-1-14A	PIN	1	AB
- 2A	AN975-3	WASHER	1	AB
- 3	MS21044N3	NUT, (ALT PN AN365-1032)	1	AB
- 4	1118948	SHAFT, WOBBLE PUMP HANDLE	1	AB
- 5	2118953	FITTING, WOBBLE PUMP HANDLE (MAKE FROM 2081802)	1	AB
- 6	2118774-2	INSERT, WOBBLE PUMP HANDLE	1	AB
- 7	1118894	PLUG, WOBBLE PUMP HANDLE	1	AB
- 8	2118774-1	TUBE, WOBBLE PUMP HANDLE	1	AB

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
	CONTINUED			
106				
- 9	AN3-5A	BOLT	2	AB
- 9A	MS21044N3	NUT, (ALT PN AN365-1032)	1	AB
- 10	AN3-4A	BOLT	4	AB
- 10A	MS21044N3	NUT, (ALT PN AN365-1032)	4	AB
	2118777	BRACKET ASSY, WOBBLE PUMP HANDLE SUPPORT OUTER	1	AB
	2118778	BRACKET ASSY, WOBBLE PUMP HANDLE SUPPORT	1	AB
- 11	1118827	BUSHING, WOBBLE PUMP HANDLE (MAKE FROM F-703 (12204)) (SIZE ID 0.6245/0.6255 ON INSTL)	1	AB
- 12	2118777-2	BRACKET, WOBBLE PUMP HANDLE SUPPORT (MAKE FROM 2081805)	1	AB
- 13	2118778-2	BRACKET, WOBBLE PUMP HANDLE SUPPORT (MAKE FROM 2081803)	1	AB
- 14	AN386-2-10A	PIN	1	AB
- 14A	MS21044N3	NUT, (ALT PN AN365-1032)	1	AB
- 15	AN3-12A	BOLT	2	A
	AN3-12	BOLT	2	B
- 15A	MS21044N3	NUT, (ALT PN AN365-1032)	2	A
	AN310-3	NUT	2	B
- 16	AN316-6R	NUT	2	AB
- 17	AN946RE3M6A	BEARING, (ALT PN S1045702)	2	AB
- 18	2118784	LINK ASSY, WOBBLE PUMP VERTICAL	1	AB
- 19	1118874	FITTING, WOBBLE PUMP VERTICAL TUBE END	2	AB
- 20	2118784-1	TUBE, WOBBLE PUMP VERTICAL LINK	1	AB
- 21	2118780	ARM ASSY, WOBBLE PUMP OPERATING UPPER	1	AB
- 22	S116500-3S005	BUSHING, (SIZE ID 0.1870/0.1880 ON INSTL)	2	AB
- 23	2118780-2	ARM, WOBBLE PUMP OPERATING UPPER (MAKE FROM 2081537)	1	AB
- 24	AN386-2-9A	PIN	2	AB
- 25	MS21044N3	NUT, (ALT PN AN365-1032)	2	AB
	2118779	ARM ASSY, WOBBLE PUMP ROCKER OUTER	1	AB
	2118781	ARM ASSY, WOBBLE PUMP ROCKER INNER	1	AB
- 26	S116500-3S005	BUSHING	2	AB
- 27	2118779-2	ARM, WOBBLE PUMP ROCKER OUTER (MAKE FROM 2081536)	1	AB
- 28	2118781-2	ARM, WOBBLE PUMP ROCKER INNER (MAKE FROM 2081538)	1	AB
- 29	1118770	SHAFT, WOBBLE PUMP ROCKER	1	AB
- 30	K8A	BEARING, (21335)	2	AB
- 31	AN3-5A	BOLT	5	AB
- 31A	MS21044N3	NUT, (ALT PN AN365-1032)	5	AB
- 32	2118782	BRACKET, WOBBLE PUMP ROCKER ARM SUPPORT (MAKE FROM 2081804)	1	AB
- 33	AN3-12A	BOLT	3	A
	AN3-12	BOLT	3	B
- 33A	AN960-10	WASHER	3	AB
- 33B	MS21044N3	NUT, (ALT PN AN365-1032)	3	A
	AN310-3	NUT	3	B
- 34	2117290	LINK ASSY, WOBBLE PUMP FORWARD MAIN	1	AB
- 35	1119248	FITTING, WOBBLE PUMP FORWARD LINK TUBE END	2	AB
- 36	2117290-1	TUBE, WOBBLE PUMP FORWARD MAIN LINK	1	AB
- 37	2117289	LINK ASSY, WOBBLE PUMP AFT MAIN	1	AB
- 38	1119248	FITTING, WOBBLE PUMP AFT LINK TUBE END	1	AB
- 39	1119249	FITTING, WOBBLE PUMP AFT LINK TUBE END	1	AB
- 40	2117289-1	TUBE, WOBBLE PUMP AFT MAIN LINK	1	AB
- 41	AN316-6R	NUT	3	AB
- 42	AN946RE3M6A	BEARING, (ALT PN S1045702)	3	AB
- 43	AN3-5A	BOLT	2	AB
- 43A	AN960-10	WASHER	2	AB
- 43B	MS21044N3	NUT, (ALT PN AN365-1032)	2	AB
- 44	1118769	BRACKET ASSY, WOBBLE PUMP LINK SUPPORT ARM INBOARD	1	AB
- 45	1118765	BRACKET ASSY, WOBBLE PUMP LINK SUPPORT ARM OUTBOARD	1	AB
- 46	S131736-4S012	BUSHING	1	AB
- 47	1118769-2	BRACKET, WOBBLE PUMP LINK SUPPORT ARM INBOARD	1	AB
- 48	1118765-2	BRACKET, WOBBLE PUMP LINK SUPPORT ARM OUTBOARD	1	AB
- 49	AN24-68A	BOLT	1	AB
- 49A	AN960-416	WASHER	2	AB
- 49B	MS21044N4	NUT, (ALT PN AN365-428)	1	AB
	2118785	ARM ASSY, WOBBLE PUMP LINK SUPPORTING	1	AB
- 50	S116500-3S005	BUSHING	4	AB
- 51	2118785-2	ARM, WOBBLE PUMP LINK SUPPORT (MAKE FROM 2081823)	1	AB
- 52	AN4-12A	BOLT	1	A
	AN4-12	BOLT	1	B
- 53	AN4-17A	BOLT	1	A
	AN4-17	BOLT	1	B
- 53A	S124682-4S14-4	WASHER	4	AB
- 53B	MS21044N4	NUT, (ALT PN AN365-428)	2	A
	AN310-4	NUT	2	B
- 54	AN316-5R	NUT	3	AB
- 55	AN951RE4F5	BEARING, (ALT PN RE4F5 (21335))	3	AB
- 56	1117494	LINK, WOBBLE PUMP CONNECTING	1	AB
		A 026		
		B 001 THRU 025, 027 THRU 092, 146 THRU 148, 178 AND 555 THRU 558		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

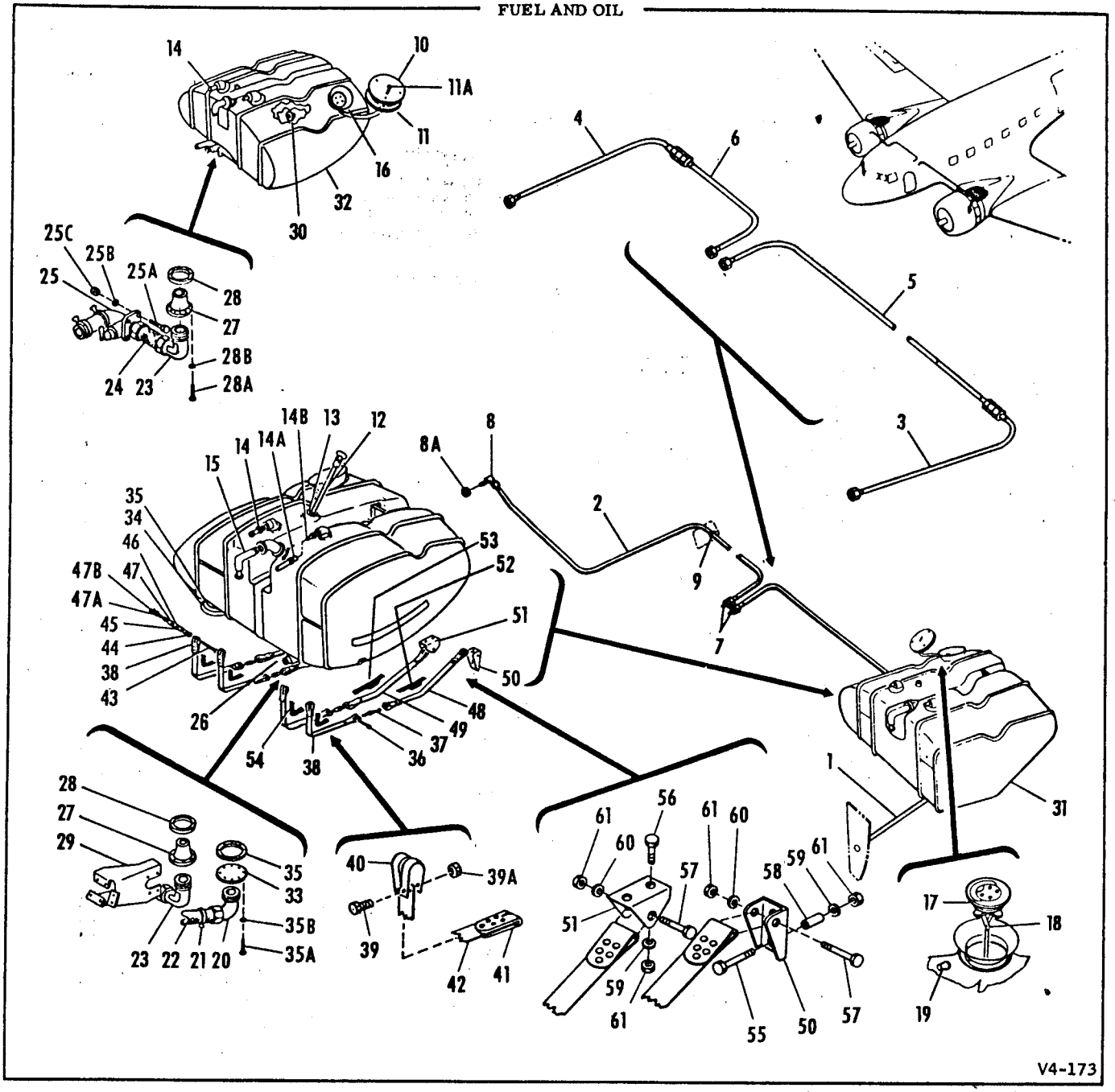

Figure 107. Center Wing Oil System

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
107	5141803	SYSTEM INSTL, CENTER WING OIL (SEE FIG. 6A FOR NHA)	REF	AB
	5189513	SYSTEM INSTL, CENTER WING OIL (SEE FIG. 6A FOR NHA)	REF	C
- 1	5112316-8	PIPE ASSY, LH SIDEWALL TO UNION STA 25	1	AB
- 2	5112316-7	PIPE ASSY, RH FIREWALL TO UNION STA 23	1	AB
- 3	5112316-3	PIPE ASSY, LH FIREWALL TO LH CANTILEVER RIB CONNECTOR PLATE	1	C
- 4	5112316-4	PIPE ASSY, RH FIREWALL TO RH CANTILEVER RIB CONNECTOR PLATE	1	C
- 5	5112316-1	PIPE ASSY, LH CANTILEVER RIB TO FUSELAGE CONNECTOR PLATE	1	C
- 6	5112316-2	PIPE ASSY, RH CANTILEVER RIB TO FUSELAGE CONNECTOR PLATE	1	C
- 7	AN815-2D	UNION	2	AB
- 8	AN833-2D	ELBOW	1	AB
- 8A	AN924-2D	NUT	1	AB
- 9	MS35489-134	GROMMET, (ALT PN AN931-3-9)	2	AB
- 10	4130161	FITTING, NACELLE OIL OVERFLOW	2	
- 11	1130214	PLATE, NACELLE OIL OVERFLOW FITTING (ATTACHING PARTS)	2	
- 11A	MS35207-263	SCREW, (ALT PN AN526-1032-8)	6	

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
107				
- 12	2119124	GAGE ASSY, NACELLE OIL TANK	2	A5
- 13	MS35769-9	GASKET, (ALT PN AN900-8)	2	A8
- 14	2347191-2	TUBE ASSY, OIL TANK VENT TO FIREWALL	2	
- 14A	2347191-4	TUBE ASSY, OIL TANK VENT TO FIREWALL	2	
- 14B	AN840-8	NIPPLE	4	
- 15	1117776	ELBOW, 1 IN, OIL TANK (MAKE FROM 1011799)	2	
- 16	2005270Y29	CAP ASSY, TANK FILLER NECK	2	A8
	4189672	CAP ASSY, OIL TANK FILLER NECK	2	C
- 17	4189672-2	CAP ASSY, OIL TANK FILLER NECK (MAKE FROM S2005270Y29)	1	C
- 18	4189671	GAGE ASSY, OIL TANK	1	C
- 19	1139907	COLLAR, OIL TANK FILLER NECK DRAIN ATTACHING	2	
- 20	AN842-20	ELBOW	2	
- 21	AN737-58-66	CLAMP, (SEE T.O. 1C-1-31)	4	
- 22	5394275-3	HOSE, FLUID SHUTOFF VALVE (SEE T.O. 1C-1-31)	2	
- 23	AN822-25	ELBOW, (SEE T.O. 1C-1-31)	2	
- 24	9556-24-15-3/8	HOSE ASSY, (00624) (SEE T.O. 1C-1-31)	2	
- 25	WM392-1-1/4D	VALVE ASSY, OIL SHUT OFF (79318) (SEE T.O. 1C-1-31)	2	
		(ATTACHING PARTS)		
- 25A	AN3-4A	BOLT, (SEE T.O. 1C-1-31)	8	
- 25B	AN960D10L	WASHER, (SEE T.O. 1C-1-31)	8	
- 25C	MS21044N3	NUT, (ALT PN AN365-1032) (SEE T.O. 1C-1-31)	8	
- 26	AC770A2	COCK ASSY	2	
- 27	1355088	FLANGE, OIL DILUTION OUTLET STANDPIPE	1	
- 28	1136587	GASKET, OIL DILUTION OUTLET	1	
		(ATTACHING PARTS)		
- 28A	AN500AB416-12	SCREW	8	
- 28B	AN960B416	WASHER	8	
- 29	4188438	BRACKET, ENGINE OIL SHUTOFF VALVE	2	C
- 30	MS20913-10	PLUG, (ALT PN AN913-10)	2	A
- 31	5110511-2	TANK ASSY, NACELLE OIL LH	1	
- 32	5110511-4	TANK ASSY, NACELLE OIL RH	1	
- 33	2202397	COVER, OIL DRAIN AND HAND HOLE	1	
- 34	2117803	COVER, NACELLE OIL TANK HAND HOLE	1	
- 35	2117802	GASKET, NACELLE OIL TANK HAND HOLE	2	
		(ATTACHING PARTS)		
- 35A	MS35265-64	SCREW, (ALT PN AN500A10-10)	24	
- 35B	AN960-10L	WASHER	24	
- 36	MS20392-2C33	PIN, (ALT PN AN393-33)	16	
- 37	AN135-85	TURNBUCKLE	8	
- 38	2118132	STRAP ASSY, NACELLE OIL TANK FRONT	8	
- 39	AN3-4A	BOLT	2	
- 39A	MS21044N3	NUT, (ALT PN AN365-1032)	2	
- 40	1049027	SADDLE, OIL TANK SHOCK ABSORBER	1	
- 41	S129413	END, TANK STRAP	1	
- 42	2118132-1	STRAP, NACELLE OIL TANK FRONT	1	
- 43	AN4-22	BOLT	8	
- 44		WASHER, (PN S143908-008D104-051)	16	
- 45	NAS43DD4-52	SPACER, (ALT PN S2033901-8D250-026)	16	
- 46	NAS43HT14-48	SPACER, (ALT PN S2033900-16S049-024)	16	
- 47		TUBE, (PN S1034397-16-1875-024)	16	
- 47A	AN960-416L	WASHER	16	
- 47B	AN310-4	NUT	4	
- 48	2118135-1	STRAP ASSY, NACELLE OIL TANK REAR OUTER	4	
- 49	2118135-3	STRAP ASSY, NACELLE OIL TANK REAR CENTER	4	
- 50	1118134	FITTING, OIL TANK STRAP REAR OUTER ATTACH	4	
- 51	1118133	FITTING, OIL TANK STRAP REAR INNER ATTACH LH	2	
	1118133-1	FITTING, OIL TANK STRAP REAR INNER ATTACH RH	2	
- 52	2139395-2	PAD, OIL TANK STRAP REAR OUTER	4	
		(WHEN EXHAUSTED USE FSC 9320-236-6355)		
- 53	2139395-4	PAD, OIL TANK STRAP REAR CENTER	4	
		(WHEN EXHAUSTED USE FSC 9320-236-6355)		
- 54	2139395-6	PAD, OIL TANK STRAP INBOARD AND OUTBOARD FORWARD	8	
		(WHEN EXHAUSTED USE FSC 9320-236-6355)		
		(ATTACHING PARTS)		
- 55	AN3-12	BOLT, (USED ON 1118134)	8	
- 56	AN3-5	BOLT, (USED ON 1118133 AND -1)	8	
- 57	AN3-14	BOLT	4	
- 58	NAS43DD3-48	SPACER, (ALT PN S117425-3D024) (USED ON 1118134)	8	
- 59	AN960-10	WASHER	8	
- 60	AN960-10L	WASHER	4	
- 61	AN310-3	NUT	12	
- 62	2392250-509	PAD, STRAP	1	
		A 001 THRU 035, 555 AND 558		
		B 036 THRU 171, 178 THRU 209, 556 AND 557		
		C 172 THRU 177 AND 210 THRU 594		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

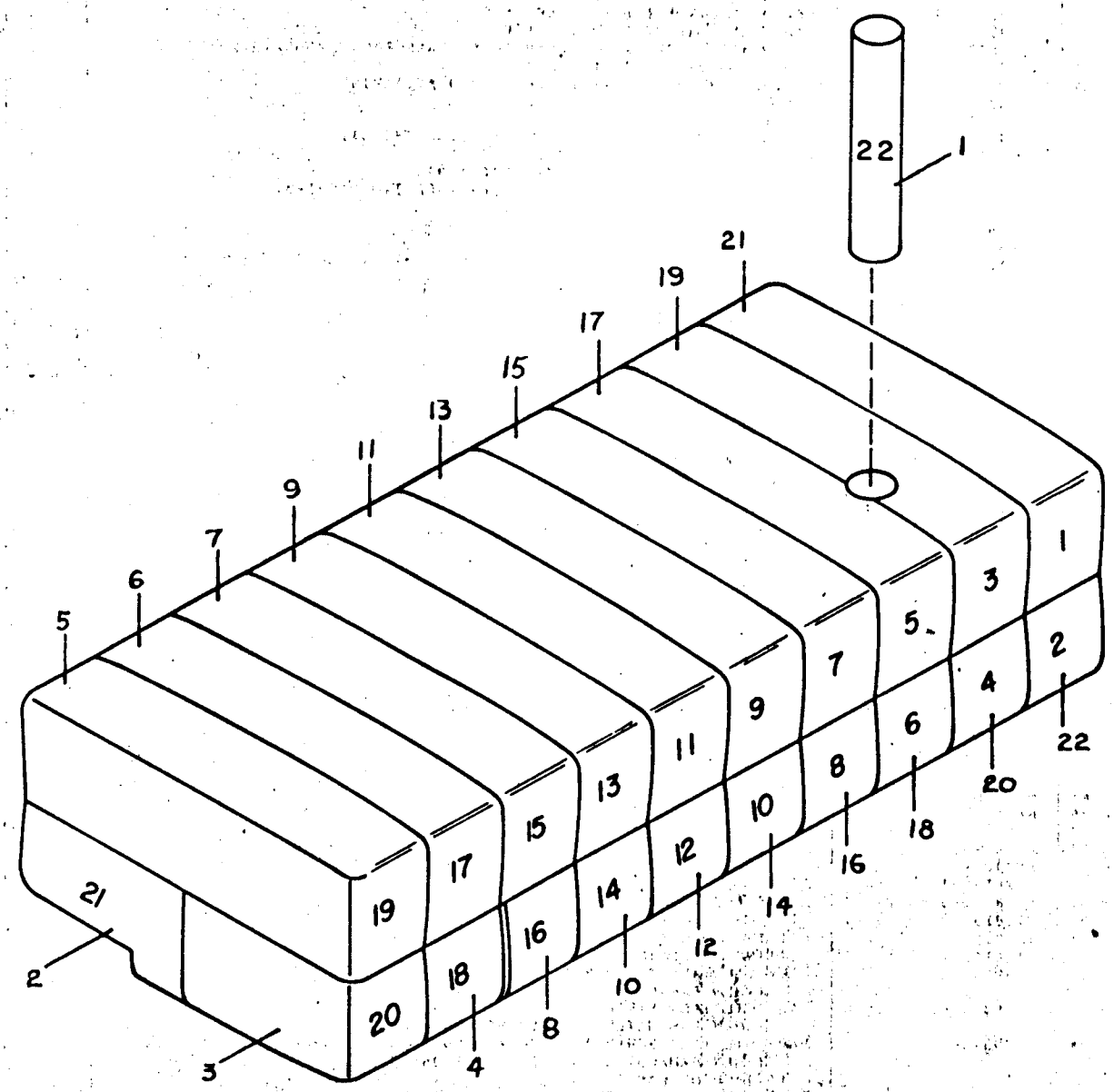

Figure 107A. Main Fuel Tank Foam Baffle Installation

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U A	USE CODE
107A	8459-75210-1	FOAM BAFFLE INSTALLATION, MAIN FUEL TANK, LH (SEE T.O. 1C-47-545)		
	8459-75210-2	FOAM BAFFLE INSTALLATION, MAIN FUEL TANK, RH (SEE T.O. 1C-47-545)		
- 1	DELETED			
- 2	8459-75215-37	. BAFFLE, LH	1	
	8459-75215-38	. BAFFLE, RH	1	
- 3	8459-75215-35	. BAFFLE, LH	1	
	8459-75215-36	. BAFFLE, RH	1	
- 4	8459-75215-40	. BAFFLE, LH	1	
	8459-75215-41	. BAFFLE, RH	1	
- 5	8459-75215-33	. BAFFLE, LH	1	
	8459-75215-34	. BAFFLE, RH	1	
- 6	8459-75215-27	. BAFFLE, LH	1	
	8459-75215-28	. BAFFLE, RH	1	
- 7	8459-75215-25	. BAFFLE, LH	1	
	8459-75215-26	. BAFFLE, RH	1	
- 8	8459-75125-29	. BAFFLE, LH	1	
	8459-75215-30	. BAFFLE, RH	1	
- 9	8459-75215-23	. BAFFLE, LH	1	
	8459-75215-24	. BAFFLE, RH	1	
- 10	8459-75215-17	. BAFFLE, LH, RH	1	
- 11	8459-75215-21	. BAFFLE, LH	2	
	8459-75215-22	. BAFFLE, RH	1	
- 12	8459-75215-17	. BAFFLE, LH, RH	1	
- 13	8459-75215-19-100	. BAFFLE, LH	2	
	8459-75215-20-100	. BAFFLE, RH	1	
- 14	8459-75215-42	. BAFFLE, LH	1	
	8459-75215-43	. BAFFLE, RH	1	
- 15	8459-75215-15-100	. BAFFLE, LH	1	
	8459-75215-16-100	. BAFFLE, RH	1	
- 16	8459-75215-13-100	. BAFFLE, LH	1	
	8459-75215-14-100	. BAFFLE, RH	1	
- 17	8459-75215-11	. BAFFLE, LH	1	
	8459-75215-12	. BAFFLE, RH	1	
- 18	8459-75215-7	. BAFFLE, LH	1	
	8459-75215-8	. BAFFLE, RH	1	
- 19	J459-75215-9	. BAFFLE, LH	1	
	8459-75215-10	. BAFFLE, RH	1	
- 20	8459-75215-5	. BAFFLE, LH	1	
	8459-75215-6	. BAFFLE, RH	1	
- 21	8459-75215-3	. BAFFLE, LH	1	
	8459-75215-4	. BAFFLE, RH	1	
- 22	8459-75215-1	. BAFFLE, LH	1	
	8459-75215-2	. BAFFLE, RH	1	
	5110508-110	. TANK, LH (PART NO. 5110508 WITH BAFFLES)	1	
	5110508-111	. TANK, RH (PART NO. 5110508-1 WITH BAFFLES)	1	

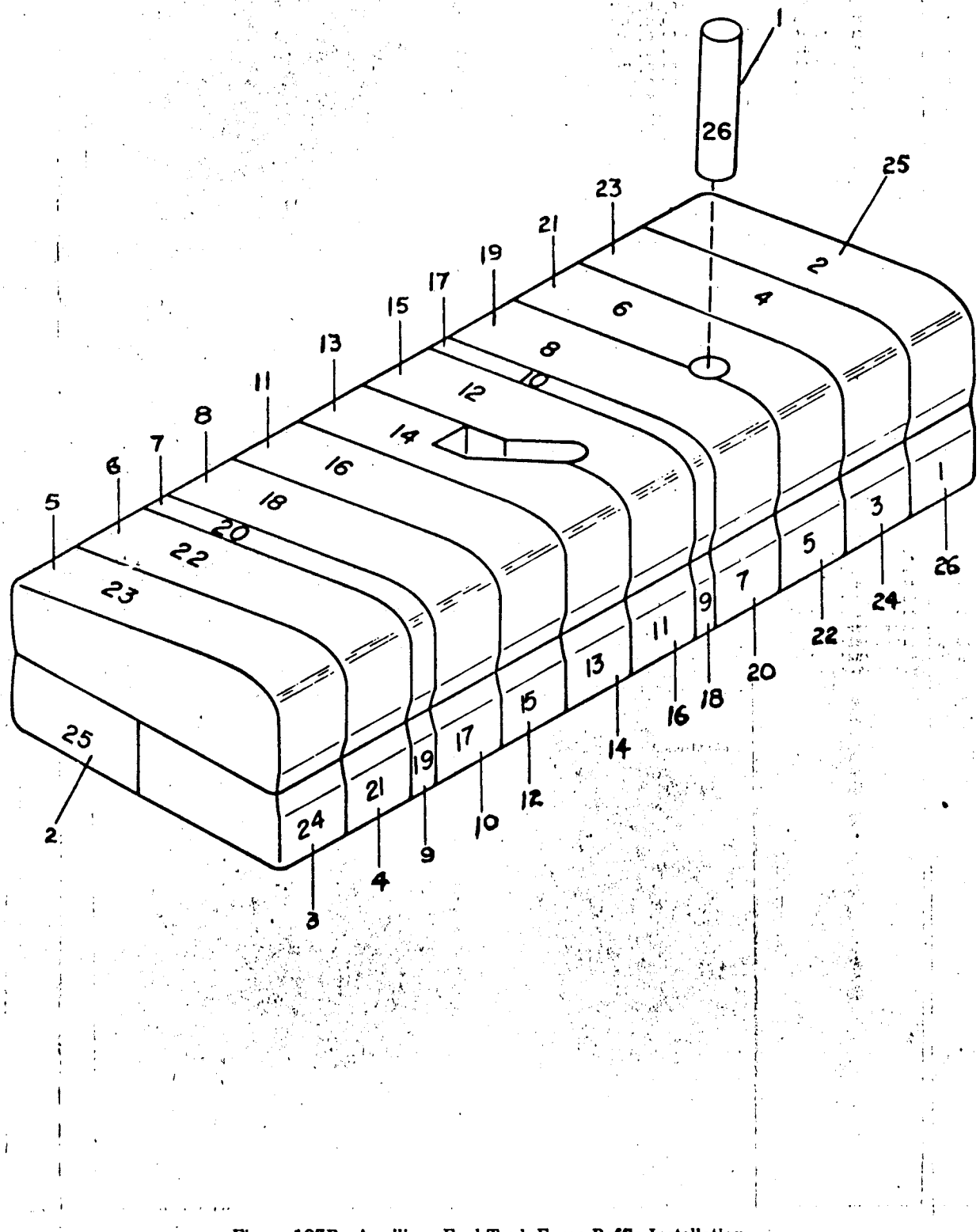

Figure 107B. Auxiliary Fuel Tank Foam Baffle Installation

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U A	USE CODE
107B	8459-75220-1	FOAM BAFFLE INSTALLATION, AUXILIARY FUEL TANK, LH (SEE T.O. 1C-47-545)	NP	
	8459-75220-2	FOAM BAFFLE INSTALLATION, AUXILIARY FUEL TANK, RH (SEE T.O. 1C-47-545)	NP	
- 1	8459-75225-47	. FILLER, LH, RH	2	
- 2	8459-75225-21	. BAFFLE, LH	1	
	8459-75225-22	. BAFFLE, RH	1	
- 3	8459-75225-23	. BAFFLE, LH	1	
	8459-75225-24	. BAFFLE, RH	1	
- 4	8459-75225-15	. BAFFLE, LH	1	
	8459-75225-16	. BAFFLE, RH	1	
- 5	8459-75225-45	. BAFFLE, LH	1	
	8459-75225-46	. BAFFLE, RH	1	
- 6	8459-75225-43	. BAFFLE, LH	1	
	8459-75225-44	. BAFFLE, RH	1	
- 7	8459-75225-33	. BAFFLE, LH, RH	2	
- 8	8459-75225-41	. BAFFLE, LH	1	
	8459-75225-42	. BAFFLE, RH	1	
- 9	8459-75225-17	. BAFFLE, LH	1	
	8459-75225-18	. BAFFLE, RH	1	
- 10	8459-75225-5	. BAFFLE, LH, RH	2	
- 11	8459-75225-39	. BAFFLE, LH	1	
	8459-75225-40	. BAFFLE, RH	1	
- 12	8459-75225-5	. BAFFLE, LH, RH	2	
- 13	8459-75225-37-100	. BAFFLE, LH	1	
	8459-75225-38-100	. BAFFLE, RH	1	
- 14	8459-75225-9-100	. BAFFLE, LH	1	
	8459-75225-10-100	. BAFFLE, RH	1	
- 15	8459-75225-35-100	. BAFFLE, LH	1	
	8459-75225-36-100	. BAFFLE, RH	1	
- 16	8459-75225-13-100	. BAFFLE, LH	1	
	8459-75225-14-100	. BAFFLE, RH	1	
- 17	8459-75225-31	. BAFFLE, LH, RH	2	
- 18	8459-75225-19	. BAFFLE, LH, RH	2	
- 19	8459-75225-29	. BAFFLE, LH	1	
	8459-75225-30	. BAFFLE, RH	1	
- 20	8459-75225-11	. BAFFLE, LH	1	
	8459-75225-12	. BAFFLE, RH	1	
- 21	8459-75225-27	. BAFFLE, LH	1	
	8459-75225-28	. BAFFLE, RH	1	
- 22	8459-75225-7	. BAFFLE, LH	1	
	8459-75225-8	. BAFFLE, RH	1	
- 23	8459-75225-25	. BAFFLE, LH	1	
	8459-75225-26	. BAFFLE, RH	1	
- 24	8459-75225-5	. BAFFLE, LH, RH	2	
- 25	8459-75225-3	. BAFFLE, LH	1	
	8459-75225-4	. BAFFLE, RH	1	
- 26	8459-75225-1	. BAFFLE, LH	1	
	8459-75225-2	. BAFFLE, RH	1	
	5110509-110	. TANK, LH (PART NO. 5110509 WITH BAFFLES)	1	
	5110509-111	. TANK, RH (PART NO. 5110509-1 WITH BAFFLES)	1	

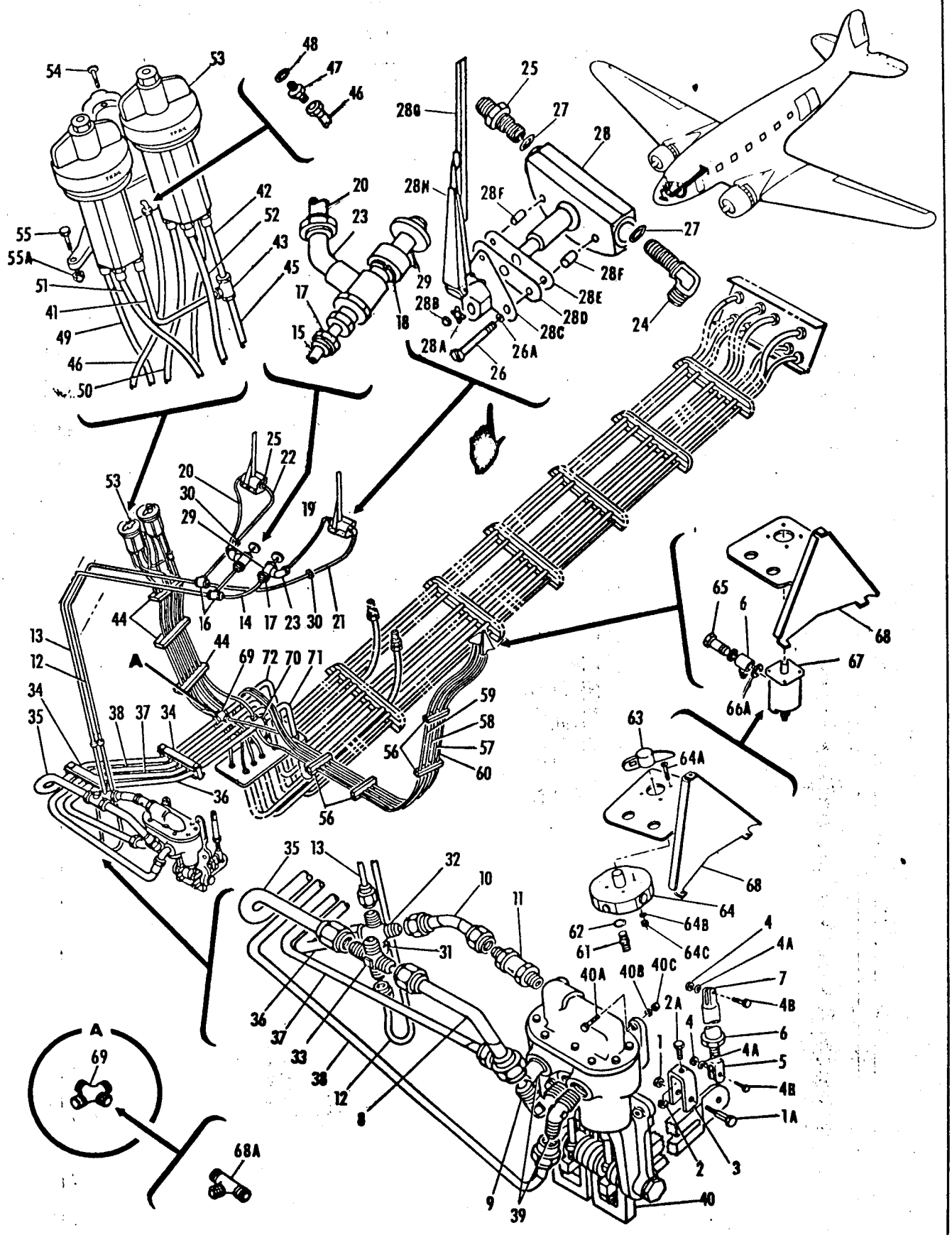

Figure 108. Fuselage Hydraulic System

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
108	5110553	SYSTEM INSTL, FUSELAGE HYDRAULIC (SEE FIG. 16 FOR NHA)	REF	A
	5141943	SYSTEM INSTL, FUSELAGE HYDRAULIC (SEE FIG. 16 FOR NHA)	REF	B
	5203833	SYSTEM INSTL, FUSELAGE HYDRAULIC (SEE FIG. 16 FOR NHA)	REF	CE
	5188351	SYSTEM INSTL, FUSELAGE HYDRAULIC (SEE FIG. 16 FOR NHA)	REF	F
- 1	MS21044N4	NUT, (ALT PN AN365-428)	2	
- 1A	1119763	BOLT	2	
- 2	AN316-4R	NUT	2	
- 2A	NAS428H4-5	BOLT, (ALT PN S110242-4-5AH)	2	
- 3	1119747	CLAMP, POWER BRAKE LEVER FULCRUM	2	
- 4	AN310-3	NUT	4	
- 4A	AN960-10	WASHER	4	
- 4B	AN3-7	BOLT	4	
- 5	1119764	LINK, BRAKE OPERATING TORQUE ARM CONNECTING LOWER	2	
- 6	AN316-5R	NUT	2	
- 7	1139436	LINK, BRAKE OPERATING TORQUE ARM CONNECTING UPPER	2	
- 8	5112589-9	PIPE ASSY, BRAKE RETURN CONTROL VALVE TO CROSS STA 26	1	AB
	5204914-9	PIPE ASSY, BRAKE RETURN CONTROL VALVE TO CROSS STA 26	1	CF
- 9	8CT-S	ELBOW, (45681)	1	AB,F
	AAF811CT8NS	ELBOW	1	CE
- 10	5112589-4	PIPE ASSY, BRAKE SUPPLY CONTROL VALVE TO CROSS STA 26	1	AB
	5204914-4	PIPE ASSY, BRAKE SUPPLY CONTROL VALVE TO CROSS STA 26	1	CF
- 11	10-2058-4	VALVE ASSY, CHECK (71842) (ALT PN 475LFT6 (45681))	1	
- 12	5204914-87	PIPE ASSY, WINDSHIELD WIPER RETURN CROSS TO TEE STA 26 TO 40	1	DF
- 13	5204914-90	PIPE ASSY, WINDSHIELD WIPER PRESSURE CROSS TO TEE STA 26 TO 40	1	DF
- 14	5204914-94	PIPE ASSY, WINDSHIELD WIPER PRESSURE TEE TO LH VALVE STA 40	1	DF
- 15	5204914-93	PIPE ASSY, WINDSHIELD WIPER PRESSURE TEE TO RH VALVE STA 40	1	DF
- 16	AAF811JT4D	TEE	2	DF
- 17	AAF811FT4D	NIPPLE	2	DF
- 18	MS35338-50	WASHER, (ALT PN AN935-1016)	2	DF
	AN960-1016L	WASHER	2	DF
- 19	5204914-85	PIPE ASSY, WINDSHIELD WIPER PRESSURE LH VALVE TO MOTOR STA 40	1	DF
- 20	5204914-86	PIPE ASSY, WINDSHIELD WIPER PRESSURE RH VALVE TO MOTOR STA 40	1	DF
- 21	5204914-88	PIPE ASSY, WINDSHIELD WIPER RETURN TEE TO LH MOTOR STA 40	1	DF
- 22	5204914-89	PIPE ASSY, WINDSHIELD WIPER RETURN TEE TO RH MOTOR STA 40	1	DF
- 23	AAF811CT45-4D	ELBOW	2	DF
- 24	AN833-4D	ELBOW	2	DE
	AAF811CT4NS	ELBOW	2	F
- 25	AN832-4D	UNION	2	DE
	AAF811FT4	NIPPLE	2	F
- 26	AN936C10	WASHER	4	DF
- 26A	AN507-1024R20	SCREW	4	DE
	AN507-1024R24	SCREW	4	F
- 27	AN6227-7	PACKING	2	DF
- 28	D1500-3	MOTOR ASSY, MODEL 50V29 (28349)	2	DE
	D1500-8	MOTOR ASSY, MODEL 50V41 (28349)	2	F
- 28A	AN935-416	WASHER	2	DF
- 28B	A16344	NUT (28349)	2	DF
- 28C	A12337	PLATE ASSY WIPER MT6 (28349)	2	DE
-	A16476	PLATE ASSY WIPER MT6 (28349)	2	F
- 28D	A10671	PLATE, MOUNTING (28349)	2	DE
	A16506	PLATE, MOUNTING (28349)	2	F
- 28E	B50088	GASKET, MOUNTING, VELLUMOID, 1/64 IN. THK	2	DF
- 28F	A14101	SHADER, 0.199 ID (28349)	4	DF
- 28G	B12180	BLADE ASSY, 8-3/4 IN. LG (28349)	2	DF
- 28H	B11850	ARM ASSY, 6-1/2 IN. LG (28349)	2	DF
- 29	B16286-76	VALVE ASSY, NEEDLE CONTROL (38480)	1	DF
- 30	MS35489-10	GROMMET, (ALT PN AN931-5-12)	2	DF
- 31	811-4FNT	CAP, (ALT PN CA120-4 (70537))	1	
- 32	6-6-4-4KTD	CROSS, (45681)	1	
- 33	8-8-4-6KST-D	CROSS, (45681)	1	
- 34	2118407	CLAMP ASSY, FUSELAGE NOSE BRAKE LINE	2	
- 35	5112589-10	PIPE ASSY, BRAKE RETURN CROSS TO TEE STA 26 TO 50	1	AB
	5204914-10	PIPE ASSY, BRAKE RETURN CROSS TO CROSS STA 26 TO 50	1	CF
- 36	5112589-3	PIPE ASSY, BRAKE SUPPLY CROSS TO TEE STA 26 TO 54	1	AB
	5204914-3	PIPE ASSY, BRAKE SUPPLY CROSS TO CROSS STA 26 TO 54	1	CF
- 37	5112589-7	PIPE ASSY, BRAKE PRESSURE VALVE TO UNION LH STA 26 TO 58	1	AB
	5204914-7	PIPE ASSY, BRAKE PRESSURE VALVE TO UNION LH STA 26 TO 58	1	CF
- 38	5112589-5	PIPE ASSY, BRAKE PRESSURE VALVE TO UNION RH STA 26 TO 58	1	AB
	5204914-5	PIPE ASSY, BRAKE PRESSURE VALVE TO UNION RH STA 26 TO 58	1	CF
- 39	6CT-S	ELBOW, (45681)	2	AB,F
	AAF811CT6NS	ELBOW	2	CE
- 40	S5007340-500	VALVE ASSY, POWER BRAKE CONTROL (SEE FIG. 111 FOR DETAILS)	1	A
	5143257	VALVE ASSY, POWER BRAKE CONTROL (SEE FIG. 111 FOR DETAILS)	1	BF
		(ATTACHING PARTS)		
- 40A	AN3-6A	BOLT	4	
- 40B	AN960D10	WASHER	4	
- 40C	MS21044N3	NUT, (ALT PN AN365-1032)	4	
- 41	5112589-16	PIPE ASSY, COWLING FLAP SUPPLY VALVE TO TEE LH STA 58	1	AB
	5204914-16	PIPE ASSY, COWLING FLAP SUPPLY VALVE TO TEE LH STA 58	1	CF
- 42	5112589-15	PIPE ASSY, COWLING FLAP SUPPLY VALVE TO TEE RH STA 58		AB
	5204914-15	PIPE ASSY, COWLING FLAP SUPPLY VALVE TO TEE RH STA 58	1	CF
- 43	1141672	TEE ASSY, COWLING FLAP RESTRICTOR	1	
- 44	1117266	CLAMP ASSY, FUSELAGE NOSE COWLING FLAP LINE	3	

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
108	CONTINUED			
- 45	5112589-14	PIPE ASSY, COWLING FLAP SUPPLY TEE TO TEE STA 58	1	AB
	5204914-14	PIPE ASSY, COWLING FLAP SUPPLY TEE TO CROSS STA 58	1	CF
- 46	5112589-19	PIPE ASSY, COWLING FLAP RETURN VALVE TO TEE STA 58	1	AB
	5204914-19	PIPE ASSY, COWLING FLAP RETURN VALVE TO CROSS STA 58	1	CF
- 47	AN815-4D	UNION	1	A
- 48	AN901-4A	GASKET	1	A
- 49	5112589-23	PIPE ASSY, COWLING FLAP CLOSED VALVE TO UNION LH STA 58	1	AB
	5204914-23	PIPE ASSY, COWLING FLAP CLOSED VALVE TO UNION LH STA 58	1	CF
- 50	5112589-27	PIPE ASSY, COWLING FLAP CLOSED VALVE TO UNION RH STA 58	1	AB
	5204914-27	PIPE ASSY, COWLING FLAP CLOSED VALVE TO UNION RH STA 58	1	CF
- 51	5112589-21	PIPE ASSY, COWLING FLAP OPEN VALVE TO UNION LH STA 58	1	AB
	5204914-21	PIPE ASSY, COWLING FLAP OPEN VALVE TO UNION LH STA 58	1	CF
- 52	5112589-25	PIPE ASSY, COWLING FLAP OPEN VALVE TO UNION RH STA 58	1	AB
	5204914-25	PIPE ASSY, COWLING FLAP OPEN VALVE TO UNION RH STA 58	1	CF
- 53	D9726	VALVE ASSY, (00502)	1	A
	4143736	VALVE AND BRACKET ASSY, COWLING FLAP	1	BF
		(SEE FIG. 112 FOR DETAILS)		
		(ATTACHING PARTS)		
- 54	AN3-15A	BOLT	1	B
	AN3-10A	BOLT	1	A,CF
- 55	AN3-10A	BOLT	2	B
	AN3-6A	BOLT	2	A,CF
- 55A	MS21044N3	NUT, (ALT PN AN365-1032)	3	
- 56	1141902	CLAMP ASSY, FUSELAGE NONRAM AIR FILTER LINE UPPER	4	CF
- 57	5204914-70	PIPE ASSY, TWO SPEED HIGH BLOWER VALVE TO UNION STA 58	1	CF
- 58	5204914-71	PIPE ASSY, TWO SPEED LOW BLOWER VALVE TO UNION ST' 58	1	CF
- 59	5204914-68	PIPE ASSY, TWO SPEED BLOWER PRESSURE VALVE TO CROSS STA 58	1	CF
- 60	5204914-69	PIPE ASSY, TWO SPEED BLOWER RETURN VALVE TO CROSS STA 58	1	CF
- 61	AN815-4D	UNION	1	CF
- 62	MS28778-4	GASKET, (ALT PN AN902-4)	4	EF
- 63	2203113	HANDLE, TWO SPEED BLOWER VALVE	4	EF
- 64	403656	VALVE ASSY, FOUR WAY EXTENDED PORT (77068)	1	EF
	4209833	VALVE ASSY, ENGINE BLOWER FOUR WAY	1	EF
		(ATTACHING PARTS)	1	CD
- 64A	MS35207-262	SCREW, (ALT PN AN526-1032-7)	3	EF
	AN526-832R9	SCREW	4	CD
- 64B	MS35335-32	WASHER, (ALT PN AN936B10)	3	EF
	AN960-8	WASHER	12	CD
- 64C	MS21044N08	NUT, (ALT PN AN365-832)	4	CD
- 65	1209827	BOLT, HYDRAULIC SWIVEL COUPLING SPECIAL	1	CD
- 66	4209833-6	COUPLING, ENGINE BLOWER FOUR WAY VALVE	1	CD
- 66A		GASKET, (PN AAF40B887-012A020-16)	1	CD
		GASKET, (PN AAF40B887-014A022-16)	1	CD
- 67	11920	VALVE ASSY, ENGINE BLOWER FOUR WAY (ALT PN 11920-2)	1	CD
	11920-2	VALVE ASSY, ENGINE BLOWER FOUR WAY	1	CD
- 68	5203041	BRACKET ASSY, TWO SPEED BLOWER	1	CD
- 68A	8-8-4JTD	TEE, (45681)	1	AB
- 69	1601-8-8-4-4KTD	CROSS, (45681)	1	CF
	6-6-4JTD	TEE, (45681)	1	AB
- 70	1601-6-6-4-4KTD	CROSS, (45681)	1	CF
- 71	5112589-2	PIPE ASSY, BRAKE SUPPLY TEE TO UNION STA 53 TO 58	1	AB
	5204914-2	PIPE ASSY, BRAKE SUPPLY CROSS TO UNION STA 53 TO 58	1	CF
- 72	5112589-11	PIPE ASSY, BRAKE RETURN TEE TO UNION STA 53 TO 58	1	AB
	5204914-11	PIPE ASSY, BRAKE RETURS CROSS TO UNION STA 53 TO 58	1	CF
NOTE		A 001, 002 AND 026 THRU 028		
		B 003 THRU 025, 029 THRU 171, 178 THRU 182 AND 555 THRU 558		
		C 172, 174, 175, 183 THRU 403 AND 528 THRU 536		
		D 404 THRU 423		
		E 173, 176, 177, 424 THRU 527 AND 537 THRU 541		
		F 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

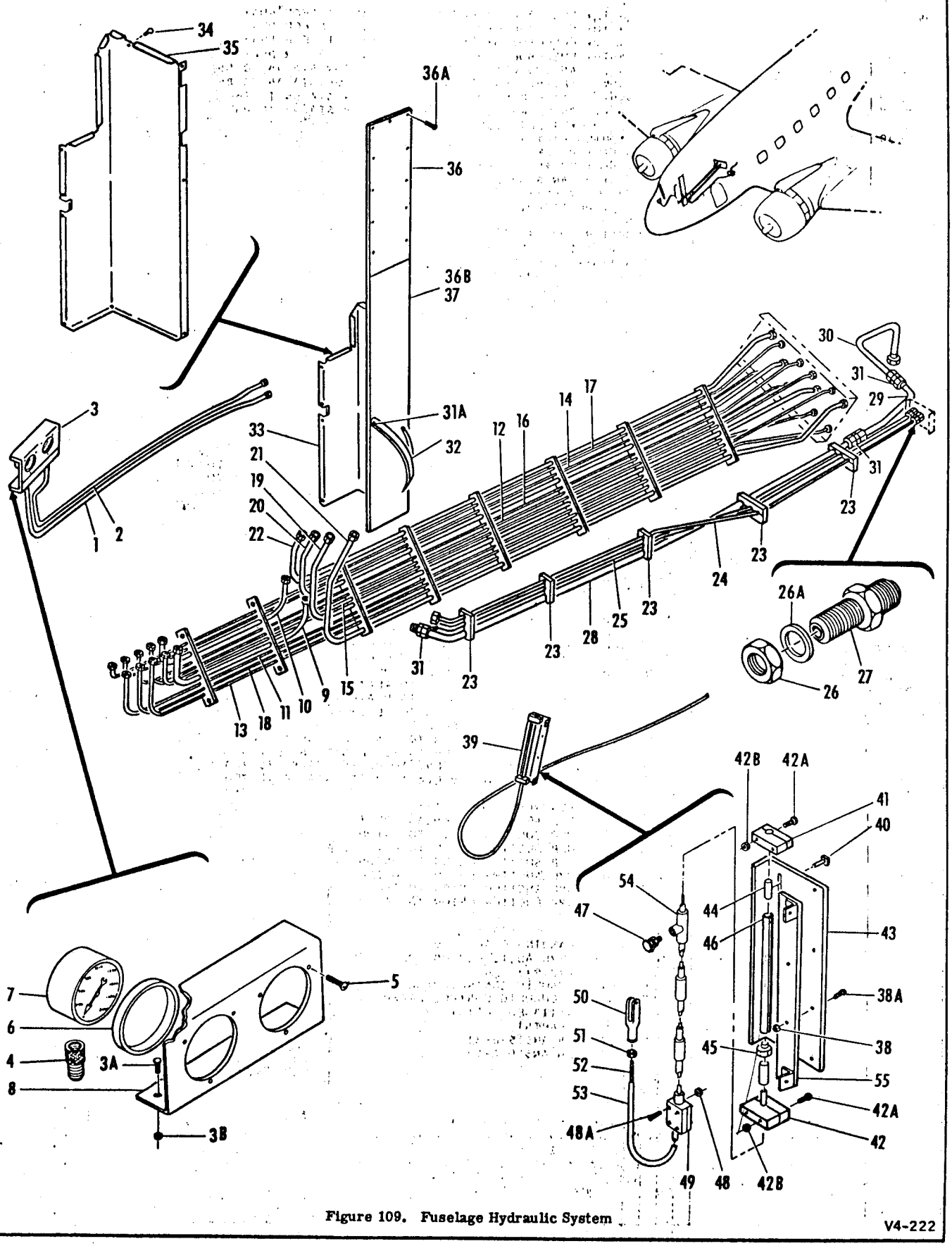

Figure 109. Fuselage Hydraulic System

V4-222

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
109	5110553	SYSTEM INSTL, FUSELAGE HYDRAULIC (SEE FIG. 16 FOR NHA)	REF	A
	5141943	SYSTEM INSTL, FUSELAGE HYDRAULIC (SEE FIG. 16 FOR NHA)	REF	B
	5203833	SYSTEM INSTL, FUSELAGE HYDRAULIC (SEE FIG. 16 FOR NHA)	REF	CD
	5188351	SYSTEM INSTL, FUSELAGE HYDRAULIC (SEE FIG. 16 FOR NHA)	REF	E
- 1	5112589-55	PIPE ASSY, LANDING GEAR DOWN GAGE TO ELBOW STA 44 TO 86	1	AB
	5204914-54	PIPE ASSY, LANDING GEAR DOWN GAGE TO ELBOW STA 44 TO 86	1	CE
- 2	5112589-56	PIPE ASSY, SYSTEM PRESSURE GAGE TO ELBOW STA 44 TO 86	1	AB
	5204914-55	PIPE ASSY, SYSTEM PRESSURE GAGE TO ELBOW STA 44 TO 86	1	CE
- 3	4119659	GAGE ASSY, HYDRAULIC CONTROL SYSTEM	1	
		(ATTACHING PARTS)		
- 3A	MS35206-245	SCREW, (ALT PN AN515-8-8)	6	A
	MS24621-30	SCREW, (ALT PN AN530-8-8)	6	BE
- 3B	MS21044D08	NUT, (ALT PN AN365D832)	6	A
	1118M1	NUT, SPEED (78553)	6	B
	NAS446-4-1	NUT, (ALT PN 1178M1 (78553))	6	CE
- 4	1139060	CONNECTOR, HYDRAULIC CONTROL SYSTEM GAGE	2	
- 5	MS35207-231	SCREW, (ALT PN AN520-6R10)	6	
- 6	2119767	RING ASSY, HYDRAULIC GAGE ATTACHING	2	
- 7	1119742	GAGE, 2000 POUNDS HYDRAULIC LANDING GEAR OIL PRESSURE	2	
- 8	4119659-4	BRACKET, HYDRAULIC CONTROL SYSTEM GAGE	1	
- 9	5112589-54	PIPE ASSY, BRAKE SUPPLY PLATE TO UNION STA 58 TO 86	1	AB
	5204914-53	PIPE ASSY, BRAKE SUPPLY PLATE TO UNION STA 58 TO 86	1	CE
- 10	5112589-12	PIPE ASSY, BRAKE RETURN PLATE TO UNION STA 58 TO 86	1	AB
	5204914-12	PIPE ASSY, BRAKE RETURN PLATE TO UNION STA 56 TO 86	1	CE
- 11	5112589-24	PIPE ASSY, COWLING FLAP CLOSED PLATE TO PLATE LH STA 58 TO 191	1	AB
	5204914-24	PIPE ASSY, COWLING FLAP CLOSED PLATE TO PLATE LH STA 58 TO 191	1	CE
- 12	5112589-28	PIPE ASSY, COWLING FLAP CLOSED PLATE TO PLATE RH STA 58 TO 191	1	AB
	5204914-28	PIPE ASSY, COWLING FLAP CLOSED PLATE TO PLATE RH STA 58 TO 191	1	CE
- 13	5112589-22	PIPE ASSY, COWLING FLAP OPEN PLATE TO PLATE LH STA 58 TO 191	1	AB
	5204914-22	PIPE ASSY, COWLING FLAP OPEN PLATE TO PLATE LH STA 58 TO 191	1	CE
- 14	5112589-26	PIPE ASSY, COWLING FLAP OPEN PLATE TO PLATE RH STA 58 TO 191	1	AB
	5204914-26	PIPE ASSY, COWLING FLAP OPEN PLATE TO PLATE RH STA 58 TO 191	1	CE
- 15	5112589-8	PIPE ASSY, BRAKE PRESSURE PLATE TO PLATE LH STA 58 TO 191	1	AB
	5204914-8	PIPE ASSY, BRAKE PRESSURE PLATE TO PLATE LH STA 58 TO 191	1	CE
- 16	5112589-6	PIPE ASSY, BRAKE PRESSURE PLATE TO PLATE RH STA 58 TO 191	1	AB
	5204914-6	PIPE ASSY, BRAKE PRESSURE PLATE TO PLATE RH STA 58 TO 191	1	CE
- 17	5204914-76	PIPE ASSY, TWO SPEED HIGH BLOWER PLATE TO PLATE STA 58 TO 191	1	CE
- 18	5204914-77	PIPE ASSY, TWO SPEED LOW BLOWER PLATE TO PLATE STA 58 TO 191	1	CE
- 19	5112589-20	PIPE ASSY, LANDING GEAR DOWN UNION TO PLATE STA 86 TO 191	1	AB
	5204914-20	PIPE ASSY, LANDING GEAR DOWN UNION TO PLATE STA 86 TO 191	1	CE
- 20	5112589-34	PIPE ASSY, LANDING GEAR UP UNION TO PLATE STA 86 TO 191	1	AB
	5204914-34	PIPE ASSY, LANDING GEAR UP UNION TO PLATE STA 86 TO 191	1	CE
- 21	5112589-36	PIPE ASSY, PUMP PRESSURE UNION TO PLATE LH STA 86 TO 191	1	AB
	5204914-36	PIPE ASSY, PUMP PRESSURE UNION TO PLATE LH STA 86 TO 191	1	CE
- 22	5112589-38	PIPE ASSY, PUMP PRESSURE UNION TO PLATE RH STA 86 TO 191	1	AB
	5204914-38	PIPE ASSY, PUMP PRESSURE UNION TO PLATE RH STA 86 TO 191	1	CE
- 23	2119521	CLAMP ASSY, FUSELAGE WING FLAP LINE	5	
- 24	5112589-50	PIPE ASSY, WING FLAP UP UNION TO PLATE STA 86 TO 200	1	AB
	5204914-49	PIPE ASSY, WING FLAP UP UNION TO PLATE STA 86 TO 200	1	CE
- 25	5112589-53	PIPE ASSY, WING FLAP DOWN VALVE TO PLATE STA 86 TO 200	1	AB
	5204914-52	PIPE ASSY, WING FLAP DOWN VALVE TO PLATE STA 86 TO 200	1	CE
- 26	11-1039-1-5	NUT, (45681)	2	
- 26A		WASHER, (PN S143908-018D028-064)	2	
- 27	2119831	FITTING, WING FLAP LINE BULKHEAD SPECIAL	2	
- 28	5112589-46	PIPE ASSY, PUMP SUCTION UNION TO UNION STA 86 TO 181	1	AB
	5204914-46	PIPE ASSY, PUMP SUCTION UNION TO UNION STA 86 TO 181	1	CE
- 29	5112589-69	PIPE ASSY, PUMP SUCTION UNION TO UNION STA 181 TO 191	1	AB
	5204914-66	PIPE ASSY, PUMP SUCTION UNION TO UNION STA 181 TO 191	1	CE
- 30	5112589-70	PIPE ASSY, PUMP SUCTION UNION TO TEE STA 191	1	AB
	5204914-67	PIPE ASSY, PUMP SUCTION UNION TO TEE STA 191	1	CE
- 31	AAF811HT16D	UNION	3	
- 31A	AN3-5A	BOLT	2	E
- 32	5188796	GUARD ASSY, LANDING GEAR VALVE	1	E
- 33	5116711	SHIELD ASSY, HYDRAULIC CONTROL PANEL	1	
- 34	A4-30	FASTENER, (72794)	8	
- 35	5116711-2	SHIELD, HYDRAULIC CONTROL PANEL	1	
- 36	5119803	PANEL ASSY, HYDRAULIC CONTROL UPPER	1	
		(SEE FIG. 113 FOR DETAILS)		
		(ATTACHING PARTS)		
- 36A	MS35206-245	SCREW, (ALT PN AN515-8-8)	11	A
	MS24621-30	SCREW, (ALT PN AN530-8-8)	11	BE
- 36B	AN3-4A	BOLT	2	
	AN3-6A	BOLT	10	
	AN4-7A	BOLT	4	
	MS35207-264	SCREW, (ALT PN AN520-10-10)	2	
- 37	5118294	PANEL ASSY, HYDRAULIC CONTROL (STA 86)	1	AC
		(SEE FIG. 114 FOR DETAILS)		
	5189550	PANEL ASSY, HYDRAULIC CONTROL (STA 86)	1	DE
		(SEE FIG. 114 FOR DETAILS)		
- 38	MS21044N08	NUT, (ALT PN AN365-832)	5	

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
109 - 38A	MS35206-245	SCREW, (ALT PN AN515-8-8)	5	
- 39	3118562	INDICATOR ASSY, WING FLAP	1	
- 40	1119759	SCREW, WING FLAP INDICATOR SPECIAL	1	
- 41	1119656-1	CLAMP ASSY, INDICATOR GUIDE TUBE SUPPORT	1	
- 42	1119656-2	CLAMP ASSY, INDICATOR GUIDE TUBE SUPPORT	1	
		(ATTACHING PARTS)		
- 42A	MS35206-247	SCREW, (ALT PN AN515-8-14)	4	
- 42B	MS21044D08	NUT, (ALT PN AN365D832)	4	
- 43	2119657	PLATE, WING FLAP INDICATOR	1	
- 44	1119758	PLUG, WING FLAP INDICATOR	1	
- 45	1119753	STOP, WING FLAP INDICATOR	1	
- 46	1119757	GUIDE, WING FLAP INDICATOR	1	
- 47	AN295-40	CUP	1	
- 48	MS21044D08	NUT, (ALT PN AN365D832)	4	
- 48A	MS35206-247	SCREW, (ALT PN AN515-8-14)	4	
- 49	1119756	CLAMP ASSY, WING FLAP INDICATOR TUBE	1	
- 50	MS27975-3	CLEVIS, (ALT PN AN486-3)	1	
- 51	AN316-4R	NUT	1	
- 52	1119754	ROD, WING FLAP INDICATOR	1	
- 53	1119755	TUBE, WING FLAP INDICATOR ROD GUIDE	1	
- 54	3118562-8	TUBE ASSY, WING FLAP INDICATOR	1	
- 55	1202009	MOUNT, WING FLAP INDICATOR	1	
		A 001, 002 AND 026 THRU 028		
		B 003 THRU 025, 029 THRU 171, 178 THRU 182 AND 555 THRU 558		
		C 172, 174, 175 AND 183 THRU 381		
		D 173, 176, 177 AND 382 THRU 541		
		E 542 THRU 554.		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

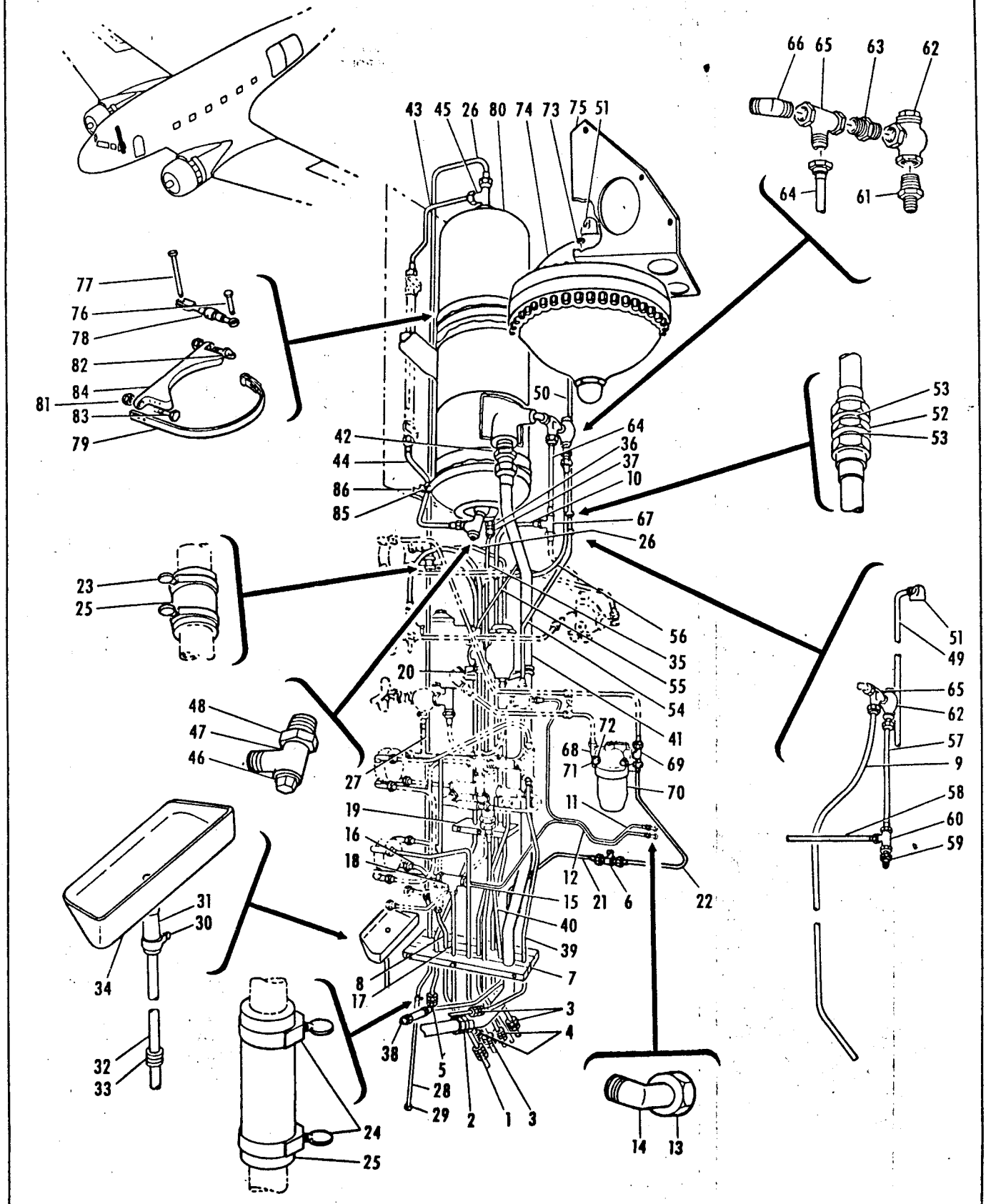

Figure 110. Fuselage Hydraulic System

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FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
110	5110553	SYSTEM INSTL, FUSELAGE HYDRAULIC (SEE FIG. 16 FOR NHA)	REF	A
	5141943	SYSTEM INSTL, FUSELAGE HYDRAULIC (SEE FIG. 16 FOR NHA)	REF	B
	5203833	SYSTEM INSTL, FUSELAGE HYDRAULIC (SEE FIG. 16 FOR NHA)	REF	C
	5188351	SYSTEM INSTL, FUSELAGE HYDRAULIC (SEE FIG. 16 FOR NHA)	REF	D
- 1	AAF811HT6D	UNION	1	
- 2	2-2643-1	VALVE, CHECK (92003) (SEE T.O. 1C-1-514)	1	BD
- 3	AC811HT8D	UNION	3	
- 4	8HT-S	UNION, (45581)	2	AB,D
	AAF811HT8NS	UNION	2	C
- 5	AC811HT16D	UNION	1	
- 6	MS21919DG16	CLAMP, (ALT PN AN742D18C) (SEE T.O. 1C-1-514)	2	
- 7	2117264	CLAMP ASSY, HYDRAULIC LINE STA 86 LOWER	1	
- 8	5112589-1	PIPE ASSY, BRAKE SUPPLY UNION TO TEE STA 86	1	AB
	5204914-1	PIPE ASSY, BRAKE SUPPLY UNION TO TEE STA 86	1	CD
- 9	5112589-13	PIPE ASSY, BRAKE RETURN UNION TO TEE STA 86	1	AB
- 10	5204914-81	PIPE ASSY, BRAKE RETURN UNION TO TEE STA 86	1	CD
- 11	5112589-30	PIPE ASSY, SYSTEM PRESSURE GAGE ELBOW TO CROSS STA 86	1	AB
	5204914-30	PIPE ASSY, SYSTEM PRESSURE GAGE ELBOW TO ELBOW STA 86	1	CD
- 12	5112589-29	PIPE ASSY, LANDING GEAR DOWN GAGE ELBOW TO TEE STA 86	1	AB
	5204914-29	PIPE ASSY, LANDING GEAR DOWN GAGE ELBOW TO TEE STA 86	1	CD
- 13	S1031662-4S	NUT, BULKHEAD CONNECTOR CHECK	2	
- 14	3115-1ET4D	ELBOW, (45581)	2	
- 15	5112589-33	PIPE ASSY, LANDING GEAR UP VALVE TO UNION STA 86	1	AB
	5204914-33	PIPE ASSY, LANDING GEAR UP VALVE TO UNION STA 86	1	CD
- 16	5112589-31	PIPE ASSY, LANDING GEAR DOWN VALVE TO TEE STA 86	1	AB
	5204914-31	PIPE ASSY, LANDING GEAR DOWN VALVE TO TEE STA 86	1	CD
- 17	5112589-32	PIPE ASSY, LANDING GEAR DOWN TEE TO UNION STA 86	1	AB
	5204914-32	PIPE ASSY, LANDING GEAR DOWN TEE TO UNION STA 86	1	CD
- 18	8-4-8JT-S	TEE, (45581)	1	AB,D
	8-4-8JT-NS	TEE, (45581)	1	C
- 19	1119889	CLAMP ASSY, HYDRAULIC LINE STA 86 CENTER	1	
- 20	1119890	CLAMP ASSY, HYDRAULIC LINE STA 86 UPPER	1	
- 21	3331811-506	PIPE ASSY, HYDRAULIC ENGINE PUMP SELECTION (SEE T.O. 1C-1-514)	1	
	5112589-35	PIPE ASSY, LH PUMP PRESSURE VALVE TO UNION STA 86	1	AB
- 22	3331811-504	PIPE ASSY, HYDRAULIC ENGINE PUMP SELECTION (SEE T.O. 1C-1-514)	1	
	5112589-37	PIPE ASSY, RH PUMP PRESSURE VALVE TO UNION STA 86	1	AB
- 23	GT4	CLAMP, (66295)	4	A
	GT4	CLAMP, (66295)	2	BD
- 24	FB4	CLAMP, (66295)	2	BD
- 25	AC882-6-10	HOSE	2	A
	AN884-6-12	HOSE	2	BD
- 26	5112589-42	PIPE ASSY, RESERVOIR VENT TO HOSE STA 86	1	AB
	5204914-42	PIPE ASSY, RESERVOIR VENT TO HOSE STA 86	1	CD
- 27	5112589-51	PIPE ASSY, RESERVOIR VENT HOSE TO HOSE STA 86	1	AB
	5204914-50	PIPE ASSY, RESERVOIR VENT HOSE TO HOSE STA 86	1	CD
- 28	5112589-18	PIPE ASSY, RESERVOIR VENT HOSE TO SKIN STA 86	1	AB
	5204914-18	PIPE ASSY, RESERVOIR VENT HOSE TO SKIN STA 86	1	C
	5188351-2	PIPE ASSY, RESERVOIR VENT HOSE TO SKIN STA 86	1	D

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
110	CONTINUED			
- 29	MS35489-6	GROMMET, (ALT PN AN931-6-10)	1	
- 30	GT2	CLAMP, (66295)	2	A
	FB2	CLAMP, (66295)	2	BD
- 31	AC882-4-10	HOSE	1	A
	AN884-4-12	HOSE	1	CD
- 32	5112589-48	PIPE ASSY, HAND PUMP DRIP PAN DRAIN HOSE TO SKIN STA 86	1	AB
	5204914-47	PIPE ASSY, HAND PUMP DRIP PAN DRAIN HOSE TO SKIN STA 86	1	C
	5188351-4	PIPE ASSY, HAND PUMP DRIP PAN DRAIN HOSE TO SKIN STA 86	1	D
- 33	MS35489-4	GROMMET, (ALT PN AN931-4-7)	1	
- 34	4119778	PAN ASSY, HYDRAULIC CONTROL PANEL OIL DRIP	1	
- 35	5112589-43	PIPE ASSY, SUCTION HAND PUMP TO RESERVOIR STA 86	1	AB
	5204914-83	PIPE ASSY, SUCTION HAND PUMP TO RESERVOIR STA 86	1	CD
- 36	8FTS	NIPPLE, (45681)	1	AB
- 37	8-6-4RT-NS	TEE, (45681)	1	C
	8-6-4RT-S	TEE, (45681)	1	D
- 38	1139387	VALVE ASSY, WING FLAP LINE HYDRAULIC PRESSURE CHECK	1	
- 39	5112589-49	PIPE ASSY, WING FLAP UP TEE TO UNION STA 86	1	AB
	5204914-48	PIPE ASSY, WING FLAP UP TEE TO UNION STA 86	1	CD
- 40	5112589-52	PIPE ASSY, WING FLAP DOWN TEE TO VALVE STA 86	1	AB
	5204914-51	PIPE ASSY, WING FLAP DOWN TEE TO VALVE STA 86	1	CD
- 41	5112589-45	PIPE ASSY, PUMP SUCTION RESERVOIR TO UNION STA 86	1	AB
	5204914-45	PIPE ASSY, PUMP SUCTION RESERVOIR TO UNION STA 86	1	CD
- 42	16FT-S	NIPPLE, (45681)	1	AB,D
	AAF811FT16NS	NIPPLE	1	C
- 43	5112589-40	PIPE ASSY, RESERVOIR TO GAGE STA 86	1	AB
	5204914-40	PIPE ASSY, RESERVOIR TO GAGE STA 86	1	CD
- 44	5112589-41	PIPE ASSY, GAGE TO RESERVOIR STA 86	1	AB
	5204914-41	PIPE ASSY, GAGE TO RESERVOIR STA 86	1	CD
- 45	6RT-S	TEE, (45681)	1	AB,D
	AC811RT6NS	TEE	1	C
- 46	MS20913-2S	PLUG, (ALT PN AC895-71)	1	
- 47	4-4-6MRT-S	TEE, (45681)	1	AB,D
	4-4-6MRT-NS	TEE, (45681)	1	C
- 48	AN912-2D	REDUCER, (ALT PN AC895-82)	1	
- 49	5112589-71	PIPE ASSY, PRESSURE TANK TO PANEL STA 86	1	A
	5112589-39	PIPE ASSY, PRESSURE TANK TO PANEL STA 86	1	B
- 50	5204914-91	PIPE ASSY, PRESSURE TANK TO UNION STA 86	1	CD
- 51	8CT-S	ELBOW, (45681)	1	AB,D
	AAF811CT8NS	ELBOW	1	C
- 52	AC811HT8D	UNION	1	CD
- 53	S139275-6-24	SPACER	2	CD
- 54	5204914-92	PIPE ASSY, PRESSURE UNION TO CROSS STA 86	1	CD
- 55	5204914-78	PIPE ASSY, REGULATOR DRAIN RESERVOIR TO REGULATOR STA 86	1	CD
- 56	5204914-80	PIPE ASSY, AUTOMATIC PILOT RETURN VALVE TO PANEL STA 86	1	CD
- 57	5112589-17	PIPE ASSY, RETURN TEE TO RESERVOIR STA 86	1	AB
- 58	5112589-44	PIPE ASSY, RETURN PANEL TO TEE STA 86	1	AB
- 59	6S	NIPPLE, (45681)	1	AB
- 60	8-6-8MT-D	TEE, (45681)	1	AB
- 61	8FT-S	NIPPLE, (45681)	1	AB,D
	AAF811FT8NS	NIPPLE	1	C
- 62	8AGVDD-D	VALVE ASSY, (45681)	1	AB,D
	407DD-3/8D	VALVE ASSY, CHECK (45681)	1	C
- 63	6S	NIPPLE, (45681)	1	AB,D
	3152-6-3/8NS	NIPPLE, (45681)	1	C
- 64	5204914-82	PIPE ASSY, AUTOMATIC PILOT RETURN TEE TO TEE STA 86	1	CD
- 65	6-6-8MMT-D	TEE, (45681)	1	
- 66	1119739	ELBOW, RESERVOIR SPECIAL	1	
- 67	AAF811JT8D	TEE	1	CD
- 68	AAF811CT8NS	ELBOW	1	BD

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
110				
- 69	B11ST8-1	TEE, (SEE T.O. 1C-1-514)	1	
- 70	31128	FILTER ASSY, PR306-2 (81321)	1	BD
		(ATTACHING PARTS)		
- 71	AN4-18A	BOLT	2	BD
- 72	AN960-416L	WASHER	2	BD
- 73	MS21044N4	NUT, (ALT PN AN365-428)	3	
- 74	5133124	TANK ASSY, SPHERICAL HYDRAULIC PRESSURE (SEE FIG. 113 FOR DETAILS)	1	
- 75	4116932	BRACKET ASSY, PRESSURE ACCUMULATOR 9 IN.	1	
- 76	MS20392-2C33	PIN, (ALT PN AN393-33)	1	
- 77	MS20392-2C9	PIN, (ALT PN AN393-9)	1	
- 78	AN130-8S	TURNBUCKLE ASSY	1	
- 79	1119741	STRAP ASSY, HYDRAULIC SYSTEM RESERVOIR UPPER SUPPORT BRACKET	1	
- 80	4118608	RESERVOIR ASSY, HYDRAULIC (SEE FIG. 113 FOR DETAILS)	1	
- 81	MS21044N3	NUT, (ALT PN AN365-1032)	2	
- 82	AN42-6	BOLT	1	
- 83	AN3-6A	BOLT	1	
- 84	2119777	BRACKET, HYDRAULIC SYSTEM RESERVOIR SUPPORT UPPER (MAKE FROM S200595)	1	
- 85	MS35207-279	SCREW, (ALT PN AN520-416-8)	1	
- 86	4116731	BRACKET ASSY, HYDRAULIC CONTROL RESERVOIR SUPPORT	1	
		A 001, 002 AND 026 THRU 028		
		B 003 THRU 025, 029 THRU 171, 178 THRU 182 AND 555 THRU 558		
		C 172 THRU 177 AND 183 THRU 541		
		D 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

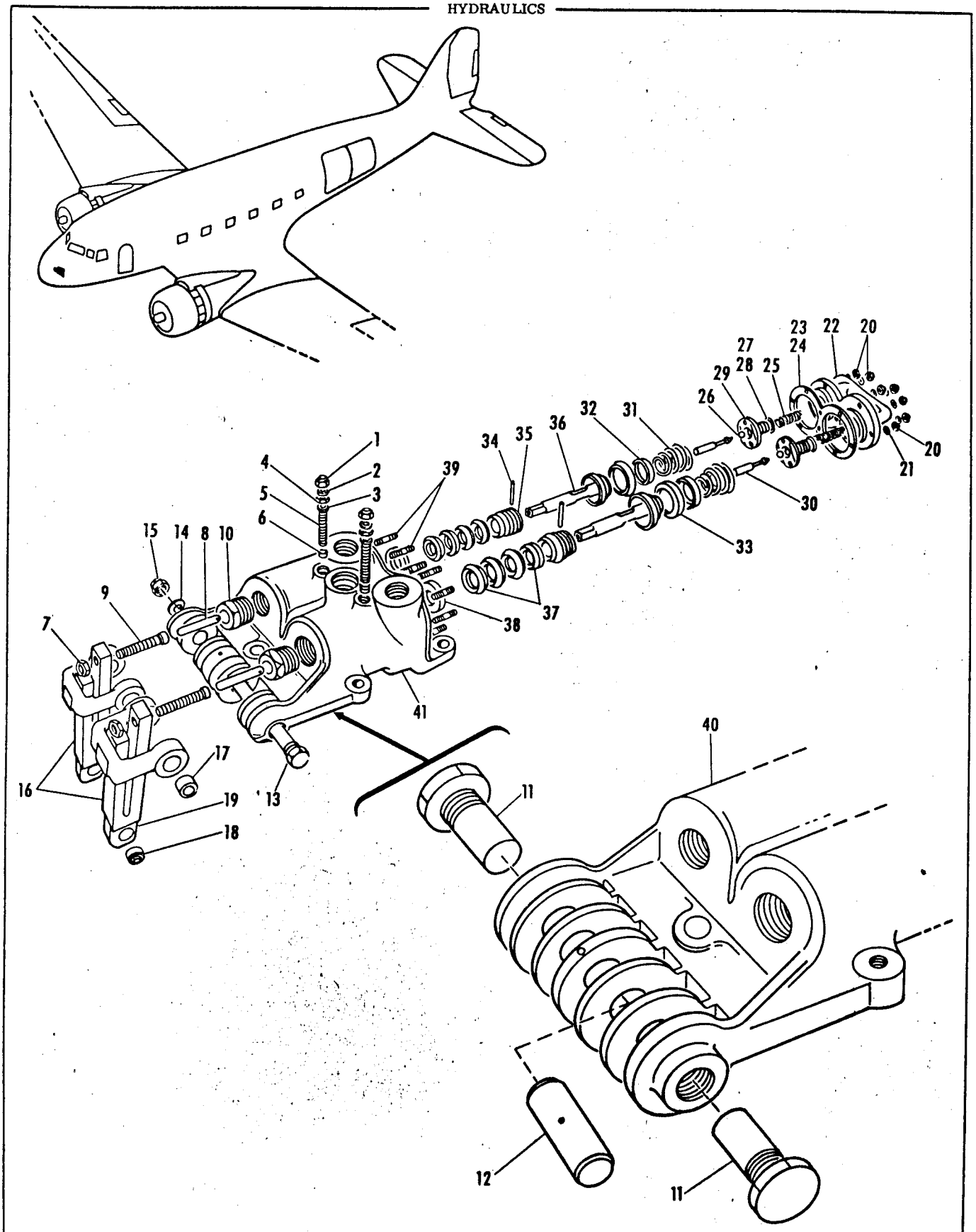

Figure 111. Power Brake Control Valve

V4-138

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
111	S5007340-500	VALVE ASSY, POWER BRAKE CONTROL (SEE FIG. 108 FOR NHA)	REF	A
	5143257	VALVE ASSY, POWER BRAKE CONTROL (SEE FIG. 108 FOR NHA)	REF	B
- 1	NO NUMBER	NUT, NICKLE PLATED BRASS CAP 10-32 (18702)	2	
- 2		WASHER, (PN S143908-006TC012-040)	4	A
- 3	AN960D10	WASHER	2	B
	AN960D10L	WASHER	2	B
- 4	AN315-3R	NUT	2	
- 5	S1007693	SCREW, POWER BRAKE CONTROL VALVE ADJUSTING NUT LOCK	2	
- 6	S5007340-5	PLUG, POWER BRAKE CONTROL VALVE	2	A
	5143257-2	PLUG, POWER BRAKE CONTROL VALVE	2	B
- 7	AN316-5R	NUT	2	
- 8	S1007965	LINK, POWER BRAKE CONTROL VALVE PISTON OPERATING	2	
- 9	S1005307	SCREW, POWER BRAKE CONTROL VALVE OPERATING LEVER ADJUSTING	2	
- 10	S1007329	NUT, POWER BRAKE CONTROL VALVE PACKING	2	
- 11	S1007328	SHAFT, POWER BRAKE CONTROL VALVE OUTER	2	A
- 12	S1007327	SHAFT, POWER BRAKE CONTROL VALVE CENTER	1	A
- 13	1143386	BOLT, POWER BRAKE CONTROL VALVE	1	B
- 14	AN960-716	WASHER	1	B
- 15	AN310-7	NUT	1	B
- 16	S2007339	LEVER ASSY, POWER BRAKE CONTROL VALVE LIGHT OPERATING	2	
- 17	503E0357	BUSHING, (SIZE ID TO 0.4995/0.5030 ON INSTL) (70651)	2	
- 18	MS20200K3L	BEARING, (ALT PN AN200K3L)	1	
- 19	S2007339-4	LEVER ASSY, POWER BRAKE CONTROL VALVE (WELDED)	1	
- 20	MS21044N4	NUT, (ALT PN AN365-428)	10	
- 21	AN960-416	WASHER	10	
- 22	S4024868	COVER, POWER BRAKE CONTROL VALVE HOUSING (MAKE FROM 4108906)	1	
- 23	S1007694	GASKET, POWER BRAKE CONTROL VALVE HOUSING COVER	1	A
- 24	2365085	GASKET, POWER BRAKE CONTROL VALVE HOUSING COVER	1	B
- 25	S1007336	SPRING, POWER BRAKE CONTROL VALVE	2	
- 26	NO NUMBER	BALL, BRIGHT STEEL (1/4 IN. DIAMETER)	2	
- 27		(SPHERICITY TOLERANCE .000025)		
- 28	2391862	WASHER, (PN S143908-016TC020-063)	2	A
- 29	S1024864	WASHER, POWER BRAKE CONTROL VALVE	2	B
- 30	S1024865	SEAT, POWER BRAKE CONTROL VALVE	2	
- 31	S1007337	PIN, POWER BRAKE CONTROL VALVE OPERATING	2	B
- 32	S1024866	SPRING, POWER BRAKE CONTROL VALVE MAIN	2	
- 33	AN6226-52	SPACER, POWER BRAKE CONTROL VALVE SPRING	2	
- 34	S1007332	PACKING	2	
- 35	S1007331	PIN, POWER BRAKE CONTROL VALVE GUIDE	2	
- 36	S1024867	NUT, POWER BRAKE CONTROL VALVE ADJUSTING	2	
- 37	AN6225-12	PISTON, POWER BRAKE CONTROL VALVE	2	
- 38	S1007330	PACKING	8	
- 39	S1104799-2	SPACER, POWER BRAKE CONTROL VALVE PACKING	2	
- 40	S4007343	STUD, CONTROL VALVE	10	
- 41	5203968	HOUSING, POWER BRAKE CONTROL VALVE (MAKE FROM 5106008)	1	A
		HOUSING, POWER BRAKE CONTROL VALVE (MAKE FROM 5106008)	1	B
		A 001, 002 AND 026 THRU 028		
		B 003 THRU 025 AND 029 THRU 558		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

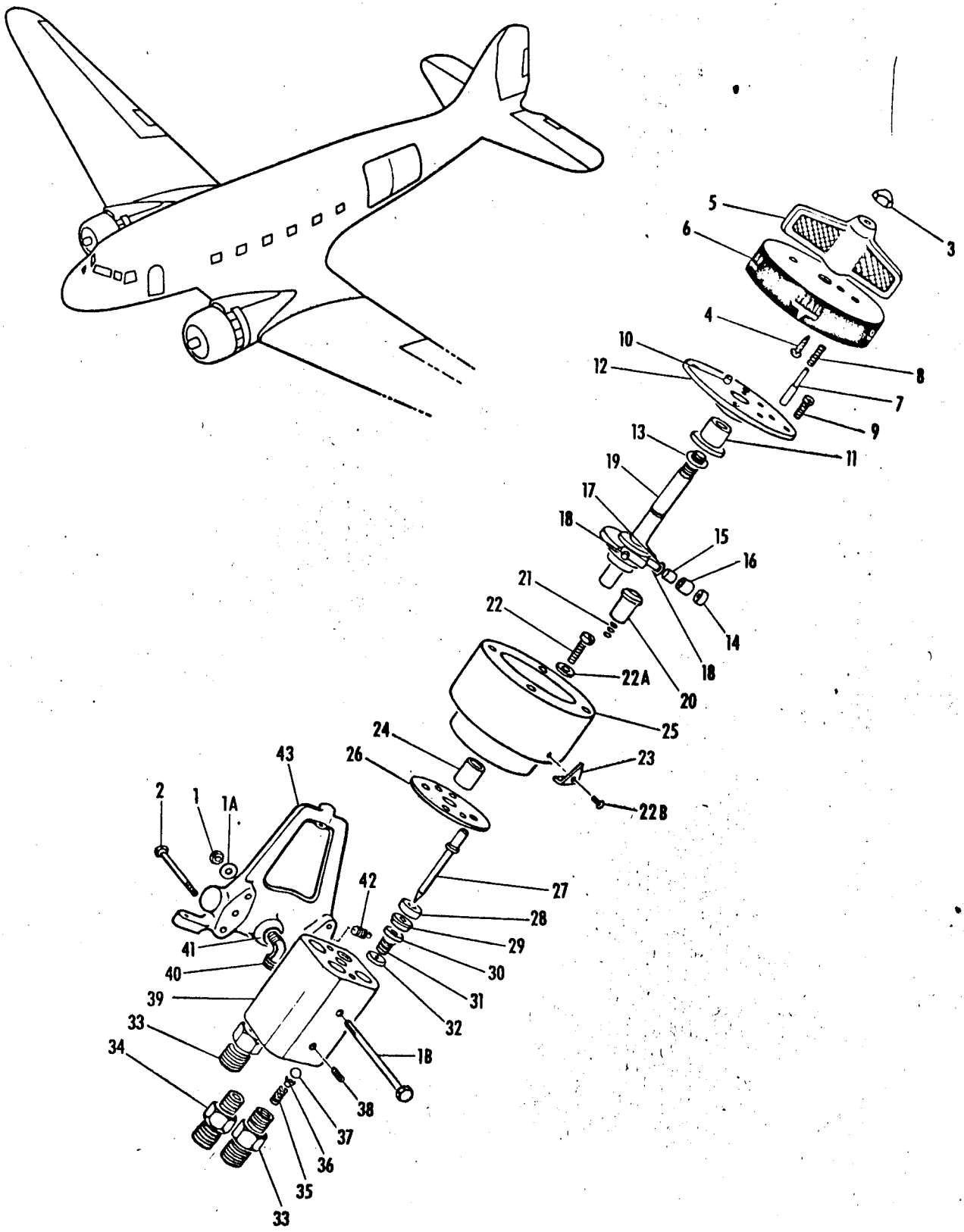

Figure 112. Cowling Flap Valve and Bracket

V4-168

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
112	4143736	VALVE AND BRACKET ASSY, COWLING FLAP (SEE FIG. 108 FOR NHA)	REF	A
- 1	MS21044N3	NUT, (ALT PN AN365-1032)	2	A
- 1A	AN960D10	WASHER	4	A
- 1B	AN3-27A	BOLT	2	A
- 2	S110242-4-12AH	BOLT, SPECIAL FULL THREADED	2	A
	5143815	VALVE ASSY, COWLING FLAP LH	1	A
	5143815-1	VALVE ASSY, COWLING FLAP RH	1	A
- 3	22K1-02	NUT, (72962)	1	A
	4143613-2	HANDLE ASSY, COWLING FLAP VALVE LH	1	A
	4143613-3	HANDLE ASSY, COWLING FLAP VALVE RH	1	A
- 4	MS21318-30	SCREW, (ALT PN AN535-6-8)	2	A
- 5	2202210	HANDLE, COWLING FLAP VALVE	1	A
- 6	2143674-2	GUARD, COWLING FLAP VALVE HANDLE LH	1	A
	2143674-3	GUARD, COWLING FLAP VALVE HANDLE RH	1	A
- 7	1143606	PLUNGER, COWLING FLAP VALVE HANDLE	1	A
- 8	1143607	SPRING, COWLING FLAP VALVE HANDLE	1	A
- 9	MS35266-64	SCREW, (ALT PN AN501A10-10)	4	A
	4143614	COVER ASSY, COWLING FLAP VALVE ROTOR HOUSING	1	A
- 10	S146142-127-013	PIN	2	A
- 11	1143673	BUSHING, COWLING FLAP VALVE ROTOR COVER	1	A
- 12	4143614-2	COVER, COWLING FLAP VALVE ROTOR HOUSING	1	A
- 13		WASHER, (PN S143908-013R024-010)	4	A
- 14	1143600	CAP, COWLING FLAP VALVE SHAFT	2	A
	1143599	ROLLER ASSY, COWLING FLAP VALVE ROTOR	2	A
- 15	1143599-4	BUSHING, COWLING FLAP VALVE ROTOR ROLLER	1	A
- 16	1143599-2	ROLLER, COWLING FLAP VALVE ROTOR	1	A
- 17		WASHER, (PN S143908-005R010-010)	2	A
		WASHER, (PN S143908-005R010-018)	2	A
		WASHER, (PN S143908-005R010-022)	2	A
	4143612	ROTOR ASSY, COWLING FLAP VALVE	1	A
- 18	S146142-127-026	PIN	2	A
- 19	4143612-2	SHAFT, COWLING FLAP VALVE	1	A
- 20	1143611	HEAD, COWLING FLAP VALVE TAPPET	4	A
- 21		WASHER, (PN S143908-000B006-005)	8	A
		WASHER, (PN S143908-000B006-010)	4	A
		WASHER, (PN S143908-000B006-020)	4	A
		WASHER, (PN S143908-000B006-040)	8	A
		WASHER, (PN S143908-000B006-125)	4	A
- 22	MS35266-64	SCREW, (ALT PN AN501-10-10)	2	A
- 22A	MS35333-39	WASHER, (ALT PN AN396A10-10)	2	A
- 22B	MS21318-2	SCREW, (ALT PN AN535-00-3)	1	A
- 23	1143602	INDICATOR, COWLING FLAP VALVE ROTOR HEAD POSITION	1	A
	4143615	HOUSING ASSY, COWLING FLAP VALVE ROTOR	1	A
- 24	A404-1	BUSHING, (70417) (SIZE ID TO 0.3120/0.3130 ON INSTL)	1	A
- 25	4143615-2	HOUSING, COWLING FLAP VALVE ROTOR	1	A
- 26	1143605	PLATE, COWLING FLAP VALVE ROTOR HEAD STOP	1	A
- 27	1143601	STEM, SMALL FOUR WAY POPPET VALVE	4	A
- 28	1143597	GLAND, SMALL FOUR WAY POPPET VALVE STEM	4	A
- 29	1143596	GUIDE, SMALL FOUR WAY POPPET VALVE STEM	4	A
- 30	S1049003D004	CUP, HYDRAULIC PACKING FLARED 3/16 X 3/16 IN.	4	A
- 31	1143610	SPRING, SMALL FOUR WAY POPPET VALVE CUP	4	A
- 32	1143598	RETAINER, SMALL FOUR WAY POPPET VALVE SPRING	4	A
- 33	1143604	FITTING, FOUR WAY VALVE SPECIAL (PORT 1, 2 AND 4)	3	A
- 34	1202457	FITTING, COWLING FLAP VALVE SPECIAL (PORT 3)	1	A
- 35	1143603	SPRING, SMALL FOUR WAY POPPET VALVE CYLINDER	4	A
- 36	1143609	GUIDE, SMALL FOUR WAY POPPET VALVE BALL	4	A
- 37	NO NUMBER	BALL, BRIGHT STEEL (3/16 DIA)	4	A
		(SPHERICITY TOLERANCE 0.000025)		
	5143672	BODY ASSY, SMALL FOUR WAY POPPET VALVE	1	A
- 38	NO NUMBER	SCREW, 10-32 OVAL POINT HOLLOW SAFETY SET 3/16 IN. (70276)	7	A
- 39	5143672-2	BODY, SMALL FOUR WAY POPPET VALVE	1	A
- 40	AAF811CT4	ELBOW	1	A
- 41		WASHER, (PN S143908-016SR022-094)	2	A
- 42	MS20913-1	PLUG, (ALT PN AAF895B70)	1	A
- 43	S5072943	BRACKET, COWLING FLAP VALVE	1	A
		A 003 THRU 025 AND 029 THRU 558		

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

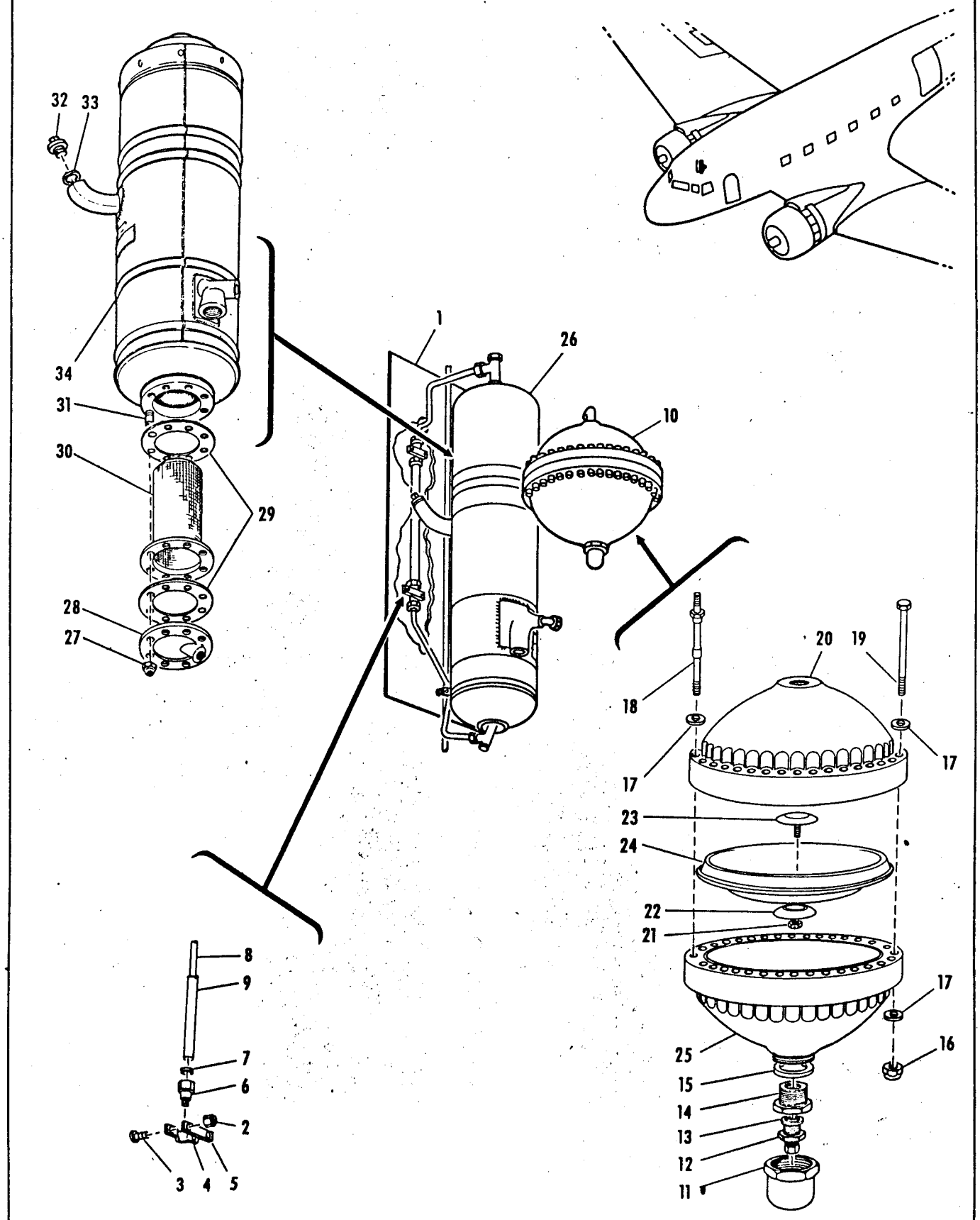

Figure 113. Hydraulic Control Upper Panel, Pressure Tank, and Reservoir

V4-153

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
113		HYDRAULIC CONTROL UPPER PANEL, PRESSURE TANK AND RESERVOIR		
- 1	5119803	PANEL ASSY, HYDRAULIC CONTROL UPPER (SEE FIG. 109 FOR NHA)	REF	
- 2	MS21044D3	NUT, (ALT PN AN365D1032)	4	
- 3	MS35207-267	SCREW, (ALT PN AN520-10-16)	4	
- 4	1119743	CLIP, HYDRAULIC SYSTEM TANK SIGHT GAGE ATTACHING	2	
- 5	1119744	BASE, HYDRAULIC SYSTEM TANK SIGHT GAGE SUPPORT	2	
	1119802	GAGE ASSY, HYDRAULIC SYSTEM TANK SIGHT	1	
- 6	1119801	CAP, HYDRAULIC SYSTEM TANK GAGE	2	
- 7		WASHER, (PN S143908-006V021-093)	2	
- 8	1119745	GLASS, HYDRAULIC SYSTEM TANK SIGHT GAGE	1	
- 9	1119746	TUBE, HYDRAULIC SYSTEM TANK SIGHT GAGE	1	
- 10	5133124	TANK ASSY, SPHERICAL HYDRAULIC PRESSURE (SEE FIG. 110 FOR NHA)	REF	
- 11	1133127	NUT, SPHERICAL PRESSURE TANK	1	
- 12	AN6287-1	VALVE ASSY, (53477) (ALT PN SK1517A (17875))	1	
	2525	CAP, (53477) (ALT PN 637 (17875))	1	
	637	CAP, (17875)	1	
	2300	CORE, AIR VALVE (53477) (ALT PN 302D (17875))	1	
	302D	CORE, AIR VALVE (17875)	1	
- 13		WASHER, (PN S143908-016C024-032)	1	
- 14	S1046451	BUSHING, SPHERICAL HYDRAULIC PRESSURE TANK AIR VALVE	1	
- 15		WASHER, (PN S143908-024C102-032)	1	
- 16	MS21044N5	NUT, (ALT PN AN365-524)	40	
- 17	AN960-516	WASHER	77	
- 18	1133128	BOLT, SPHERICAL HYDRAULIC TANK HANGER	3	
- 19	S1046452	BOLT, 9 IN. SPHERICAL HYDRAULIC PRESSURE TANK	37	
- 20	4133126	DOME, 9 IN. SPHERICAL HYDRAULIC TANK UPPER	1	
- 21	AN320-3	NUT	1	
- 22	S1046470	VALVE, 9 IN. SPHERICAL HYDRAULIC PRESSURE TANK LOWER	1	
- 23	S1046469	VALVE, 9 IN. SPHERICAL HYDRAULIC PRESSURE TANK UPPER	1	
- 24	S4046365-500	DIAPHRAGM, 9 IN. SPHERICAL HYDRAULIC PRESSURE TANK	1	
- 25	4133125	DOME, 9 IN. SPHERICAL HYDRAULIC PRESSURE TANK LOWER	1	
- 26	4118608	RESERVOIR ASSY, HYDRAULIC (SEE FIG. 110 FOR NHA)	REF	
- 27	MS21083N3	NUT, (ALT PN AN364-1032)	8	
- 28	2119774	PLATE, HYDRAULIC SYSTEM RESERVOIR FILTER COVER (MAKE FROM S2010070)	1	
- 29	2119769	GASKET, HYDRAULIC SYSTEM RESERVOIR FILTER	2	
- 30	2119772	FILTER ASSY, HYDRAULIC RESERVOIR	1	
- 31	1141526	STUD, HYDRAULIC RESERVOIR FILTER FLANGE	8	
- 32	AC907-16	PLUG	1	
- 33	MS35769-21	GASKET, (ALT PN AN900-16)	1	
- 34	4118608-7	RESERVOIR ASSY, HYDRAULIC (WELDED)	1	

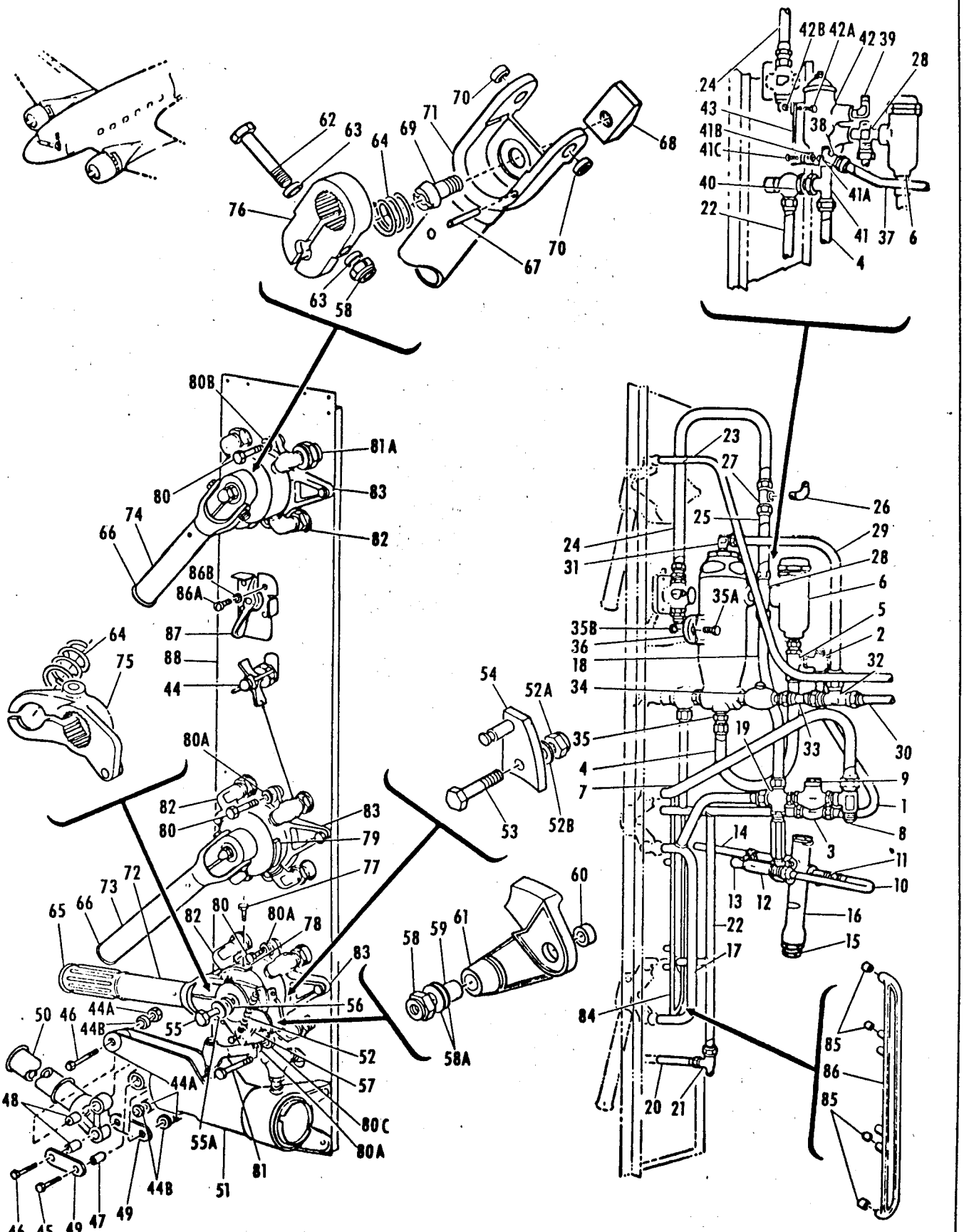

Figure 114. Hydraulic Control Panel (Station 86)

V4-133

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
114	5118294	PANEL ASSY, HYDRAULIC CONTROL (STA 86) (SEE FIG. 109 FOR NHA)	REF	A
	5189550	PANEL ASSY, HYDRAULIC CONTROL (STA 86) (SEE FIG. 109 FOR NHA)	REF	B
- 1	5118162-12	PIPE ASSY, PRESSURE CROSS TO CHECK VALVE	1	A
	5118162-18	PIPE ASSY, PRESSURE CROSS TO CHECK VALVE	1	B
- 2	8-8-4-6KOT-S	CROSS, (45681)	1	
- 3	8GVHT	VALVE ASSY, CHECK (45681)	1	A
	475HT8	VALVE ASSY, CHECK (45681)	1	B
- 4	5118162-3	PIPE ASSY, PRESSURE RELIEF TO REGULATING VALVE	1	A
	5118162-19	PIPE ASSY, PRESSURE RELIEF TO REGULATING VALVE	1	B
- 5	8-6-6MST-S	TEE, (45681)	1	
- 6	S272778-1	VALVE ASSY, HYDRAULIC RELIEF	1	
	238754-2	HOUSING, RELIEF VALVE	1	
	1000859	STEM ASSY, RELIEF VALVE	1	
	1016496	SEAT ASSY, INLET	1	
	138757	SPRING	1	
	S1161144-20	GASKET	2	
	S138759	LOCKNUT	1	
	S138758	GUIDE	1	
	S147113	CAP	1	
- 7	5118162-8	PIPE ASSY, TEE TO FLAP VALVE	1	
- 8	AAF811-0T8D	TEE	1	
- 9	406FF-3/8	VALVE ASSY, CHECK (45681) (ALT PN 8GVFF (45681))	1	A
	475FF8	VALVE ASSY, CHECK (45681)	1	B
- 10	5118162-11	PIPE ASSY, ELBOW TO CHECK VALVE	1	A
	5118162-21	PIPE ASSY, ELBOW TO CHECK VALVE	1	B
- 11	6FT-S	FITTING, (45681)	1	A
	AAF811CT6NS	ELBOW	1	B
- 12	404LGT6	VALVE ASSY, CHECK (45681)	1	
- 13	COML	ELBOW, STANDARD STEEL IP STREET 1/4	1	A
	AN914-2	ELBOW	1	B
- 14	5118162-9	PIPE ASSY, FLAP DOWN VALVE TO TEE	1	
- 15	1119010	NIPPLE, HYDRAULIC RELIEF VALVE SPECIAL	1	
- 16	2119018	VALVE ASSY, FLAP RELIEF (SEE FIG. 115 FOR DETAILS)	1	
- 17	3118977	MANIFOLD ASSY, HYDRAULIC PANEL RETURN	1	
- 18	5118162-7	PIPE ASSY, RETURN CROSS TO CROSS	1	A
	5118162-20	PIPE ASSY, RETURN CROSS TO CROSS	1	B
- 19	8-6-8-6KMOT	CROSS, (45681)	1	
- 20	5118162-10	PIPE ASSY, PUMP CHECK VALVE TO TEE	1	
- 21	8-6-8JT-S	TEE, (45681)	1	
- 22	3118978	MANIFOLD ASSY, HYDRAULIC PANEL PRESSURE	1	
- 23	5118162-15	PIPE ASSY, ENGINE PRESSURE SELECTOR VALVE TO FILTER INLET	1	
- 24	5118162-5	PIPE ASSY, AUTOMATIC PILOT BYPASS TEE TO SHUTOFF VALVE	1	
- 25	5118162-6	PIPE ASSY, RETURN CROSS TO TEE	1	A
	5118162-4	PIPE ASSY, RETURN CROSS TO TEE	1	B
- 26	8CT-S	ELBOW, (45681)	1	
- 27	8-0T-S	TEE, (45681)	1	
- 28	8-8-6-6KSST	CROSS, (45681)	1	
- 29	5118162-13	PIPE ASSY, PRESSURE REGULATING VALVE TO TEE	1	A
- 30	5118162-16	PIPE ASSY, PRESSURE FILTER OUTLET TO TEE	1	A
- 31	AAF811CT8NS	ELBOW	1	A
- 32	AAF811JT8	TEE	1	A
- 33	5118162-14	PIPE ASSY, TEE TO CHECK VALVE	1	A
- 34	8GVFT	VALVE ASSY, CHECK (45681)	1	A
- 35	8FT-S	NIPPLE, (45681)	1	A
- 35A	AN3-6A	BOLT	2	A
- 35B	AN960D10	WASHER	4	A
- 36	S4005434	VALVE ASSY, HYDRAULIC PRESSURE REGULATING (SEE FIG. 116 FOR DETAILS)	1	A
- 37	5118162-17	PIPE ASSY, PRESSURE FILTER OUTLET TO REGULATOR	1	B
- 38	AAF811CT8NS	ELBOW	1	B
- 39	AAF811CT4NS	ELBOW	1	B
- 40	AN912-4	BUSHING	1	B
- 41	8-6-8ROTNS	TEE, (45681)	1	B
- 41A	MS21083N3	NUT, (ALT PN AN364-1032)	3	B
- 41B	AN960-10L	WASHER	3	B
- 41C	AN507-1032R-10	SCREW, (ALT PN S1087510-10-10)	3	B
- 42	404906-0-1	REGULATOR ASSY, PRESSURE (06845) (ALT PN AA14534 (62983))	1	B
	AA14534	REGULATOR ASSY, PRESSURE (62983)	1	B
- 42A	AN3-4A	BOLT	2	B
- 42B	AN960D10	WASHER	4	B
- 43	1189506	ADAPTER, PRESSURE REGULATOR MOUNT	1	B

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
	CONTINUED			
114				
- 44	2130323	VALVE ASSY, Special Globe Shutoff (Altered from Parker Aircraft PN 252ICT8 or 252TC18D IAW Douglas Spec Dwg 2130323)	1	
- 44A	AN320-6	NUT	3	
- 44B	AN960-616	WASHER	3	
- 45	S111904-6-223	BOLT, BEARING	1	
- 46	S111904-6-111	BOLT, BEARING	2	
- 47	1118969-1	SPACER, HYDRAULIC HAND PUMP BEARING	1	
- 48	1118969-2	SPACER, HYDRAULIC HAND PUMP BEARING	2	
- 49	1118970	LINK, HYDRAULIC HAND PUMP	2	
- 50	2118975	HANDLE ASSY, HYDRAULIC HAND PUMP (SEE FIG. 118 FOR DETAILS)	1	
- 51	5209981	PUMP ASSY, O-RING HYDRAULIC HAND (SEE FIG. 118 FOR DETAILS)	1	
- 52	1117061	SPRING, LANDING GEAR LATCH VALVE DOG	1	
- 52A	MS21083N4	NUT, (ALT PN AN364-428)	1	
- 52B	AN960-416	WASHER	1	
- 53	AN4-7A	BOLT	1	
- 54	1117063	SHOE ASSY, LANDING GEAR VALVE HANDLE STOP (DRILL ON INSTL)	1	
- 55	AN4-4A	BOLT	1	A
	AN4-5A	BOLT	1	B
- 55A	MS35338-44	WASHER, (ALT PN AN935-416)	1	
- 56	1117064	BUSHING, LANDING GEAR VALVE LATCH DOG	1	
- 57	1117062	DOG ASSY, LANDING GEAR LATCH FOUR WAY VALVE	1	
- 58	MS21044N4	NUT, (ALT PN AN365-428)	4	
- 58A	S124682-6D10-064	WASHER	2	
	2133383	CAM ASSY, LANDING GEAR VALVE LATCH	1	
- 59	A524	BUSHING, (70417) (SIZE ID TO 0.3745/0.3755 ON INSTL)	1	
- 60	A304-35	BUSHING, (70417) (SIZE ID TO 0.2495/0.2505 ON INSTL)	1	
- 61	2133383-2	CAM, LANDING GEAR VALVE LATCH (MAKE FROM 2133385)	1	
- 62	AN4-23A	BOLT	3	
- 63	1118965	SPACER, HYDRAULIC FOUR WAY VALVE HANDLE	6	
- 64	1118963	SPRING, HYDRAULIC FOUR WAY VALVE HANDLE	3	
	2118951-1	HANDLE ASSY, HYDRAULIC FOUR WAY VALVE	1	
	2118951-2	HANDLE ASSY, HYDRAULIC FOUR WAY VALVE	1	
	2118951-3	HANDLE ASSY, HYDRAULIC FOUR WAY VALVE	1	
- 65	NO NUMBER	GRIP, HYDRAULIC VALVE HANDLE (25472) (USED ON 2118951-1)	1	
- 66	1118941	END, HYDRAULIC VALVE HANDLE (USED ON 2118951-2 AND -3)	1	
- 67	2118951-6	PIN, HYDRAULIC VALVE HANDLE (USED ON 2118951-1)	1	
- 68	1118940	CATCH, HYDRAULIC FOUR WAY VALVE HANDLE	1	
- 69	1118939	STOP, HYDRAULIC FOUR WAY VALVE HANDLE	1	
	2118952	SOCKET ASSY, FOUR WAY VALVE HANDLE	1	
- 70	1119006	BUSHING, HYDRAULIC FOUR WAY VALVE HANDLE SOCKET (SIZE ID TO 0.4370/0.4380 ON INSTL)	2	
- 71	2118952-2	SOCKET, FOUR WAY VALVE HANDLE (MAKE FROM 2006931)	1	
- 72	2118951-4	TUBE, HYDRAULIC VALVE HANDLE (USED ON 2118951-1)	1	
- 73	2118951-7	TUBE, HYDRAULIC VALVE HANDLE (USED ON 2118951-2)	1	
- 74	2118951-5	TUBE, HYDRAULIC VALVE HANDLE (USED ON 2118951-3)	1	

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
114				
- 75	2118972	CLAMP, HYDRAULIC FOUR WAY VALVE LANDING GEAR HANDLE (MAKE FROM 2008242)	1	
- 76	2118973	CLAMP, HYDRAULIC FOUR WAY VALVE HANDLE (MAKE FROM 2006930)	2	
- 77	S132100-3-4A	BOLT, SPECIAL	6	A
	MS35226-63	SCREW, (ALT PN AN501A10-8)	3	B
	AN173DD4A	BOLT, (ALT PN NAS53ADH4)	3	B
- 78	2119019	QUADRANT ASSY, LANDING GEAR FOUR WAY VALVE	1	
- 79	1118971	QUADRANT, HYDRAULIC FOUR WAY VALVE	1	
- 80	AN3-6A	BOLT	5	
- 80A	MS35337-44	WASHER, (ALT PN AN935-10L)	4	
- 80B	AN960D10	WASHER	2	A
	AN960-10L	WASHER	2	B
- 80C	S138275-6-24	SPACER	1	
	S138275-6-16	SPACER	1	
- 81	AN3-13A	BOLT	1	
- 81A	AN929-8	CAP, (SEE T.O. 1C-1-514)	1	
	3331811-508	VALVE ASSY, ENGINE PUMP SELECTOR (MAKE FROM 4209830) (SEE T.O. 1C-1-514)	1	
	4209829	VALVE ASSY, LANDING GEAR AND WING FLAP	2	
- 82	AAF811CT8NS	ELBOW	4	
- 83	3012	BODY ASSY, LANDING GEAR AND WING FLAP VALVE (PER DOUGLAS SPEC DWG 4209822) (53477)	1	
- 84	2118976	CHANNEL ASSY, FOUR WAY VALVE BACKUP	1	
- 85	1119004	BUSHING, FOUR WAY VALVE BACKUP CHANNEL	4	
- 86	2118976-2	CASTING, FOUR WAY VALUE BACKUP CHANNEL	1	
- 86A	MS35266-62	SCREW, (ALT PN AN501A10-7)	4	
- 86B	MS35337-44	WASHER, (ALT PN AN935-10L)	4	B
- 87	4118981	VALVE ASSY, GYROPILOT SHUTOFF (SEE FIG. 118 FOR DETAILS)	1	
- 88	3331811-510	BASE ASSY, HYDRAULIC CONTROL PANEL (SEE T.O. 1C-1-514)	1	
		A 001 THRU 172, 174, 175, 178 THRU 381 AND 555 THRU 558		
		B 173, 176, 177 AND 382 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

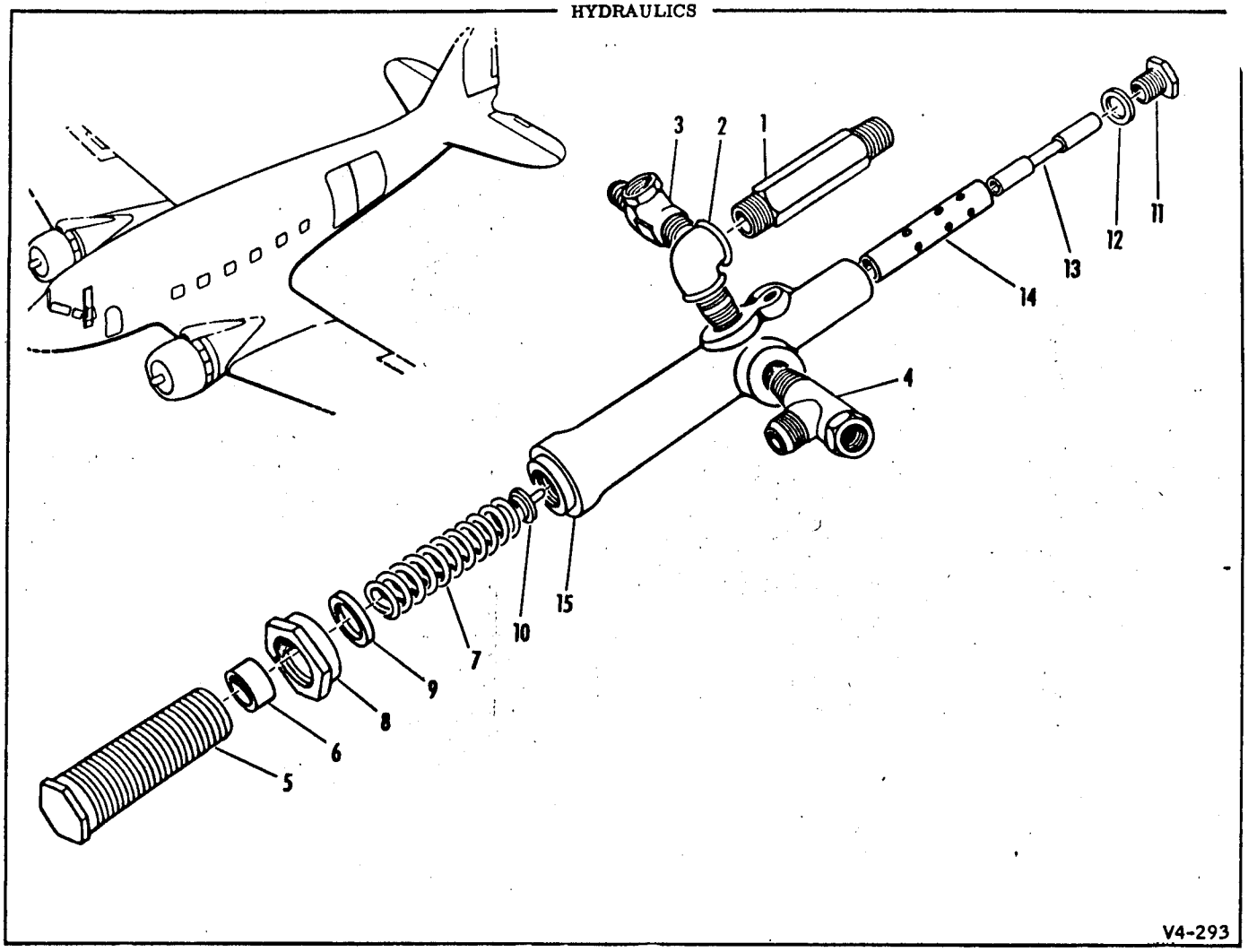

Figure 115. Flap Relief Valve

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
115	2119018	VALVE ASSY, FLAP RELIEF (SEE FIG. 114 FOR NHA)	REF	
- 1	1119002	NIPPLE, SPECIAL PRESSURE REGULATOR VALVE ATTACHING	1	
- 2	AN914-3	ELBOW, (ALT PN AN895-3)	1	
- 3	2-2239-2	TEE, (45681)	1	
- 4	7-2738-18	TEE, (45681)	1	
- 5	1119012	PLUG, FLAP RELIEF VALVE SPRING ADJUSTING	1	
- 6	1189592	SPACER, FLAP RELIEF VALVE	1	
- 7	1119013	SPRING, FLAP RELIEF VALVE	1	
- 8	1119003	NUT, FLAP RELIEF VALVE	1	
- 9		WASHER, (PN S143908-024SR030-125)	1	
- 10	1204804	GUIDE, FLAP RELIEF VALVE SPRING	1	
- 11	1119007	PLUG, FLAP RELIEF VALVE	1	
- 12	S1161144-8	GASKET, HYDRAULIC FITTING FIBER	1	
- 13	1119008	PISTON, FLAP RELIEF VALVE	1	
	2119020	BODY ASSY, FLAP RELIEF VALVE	1	
- 14	1204679	SLEEVE, FLAP RELIEF VALVE (SIZE ID TO 0.2495/0.2505 ON INSTL)	1	
- 15	2119020-2	HOUSING, FLAP RELIEF VALVE (MAKE FROM 2011661-1)	1	

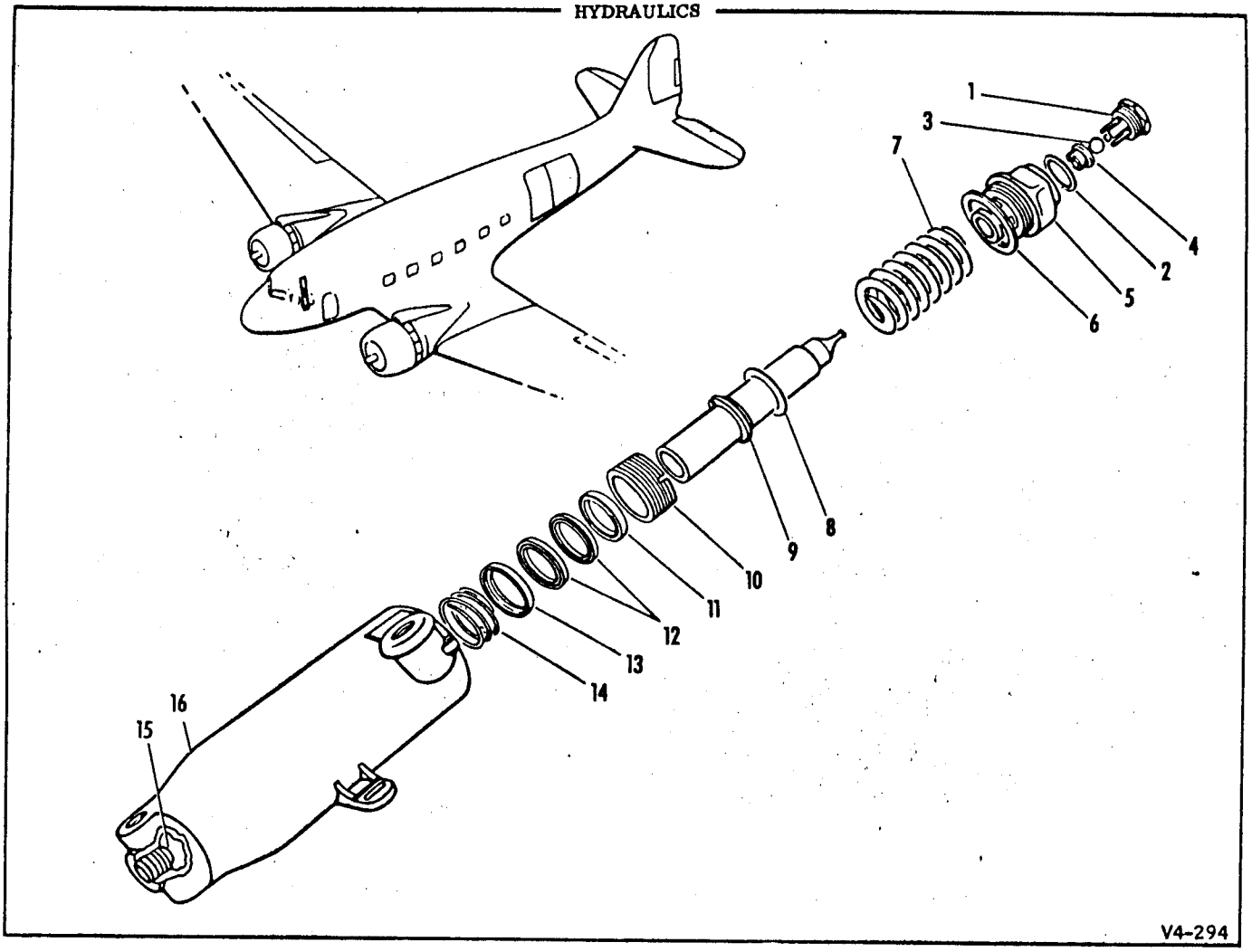

Figure 116. Hydraulic Pressure Regulating Valve

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
116	S4005434	VALVE ASSY, HYDRAULIC PRESSURE REGULATING (SEE FIG. 114 FOR NHA)	REF	A
- 1	S2005429	BUSHING, HYDRAULIC PRESSURE REGULATING VALVE	1	A
- 2	S1161144-18	GASKET, HYDRAULIC FITTING FIBER	1	A
- 3	NO NUMBER	BALL, BRIGHT STEEL (9/16 IN. DIAMETER) (SPHERICITY TOLERANCE 0.000025)	1	A
- 4	S1066288	SEAT, BALL VALVE NO. 8	1	A
- 5	S2005427	END, HYDRAULIC PRESSURE REGULATING VALVE	1	A
- 6	S1161144-31	GASKET, HYDRAULIC FITTING FIBER	1	A
- 7	S1005430	SPRING, HYDRAULIC PRESSURE REGULATING VALVE	1	A
- 8		WASHER, (PN S143908-104R116-010)	AR	A
- 9	S1005410	PISTON, HYDRAULIC PRESSURE REGULATING VALVE	1	A
- 10	S1072037	NUT, HYDRAULIC PRESSURE REGULATING VALVE	1	A
- 11	S1070625	SPACER, HYDRAULIC PRESSURE REGULATING VALVE PACKING	1	A
- 12	4538161	PACKING, HYDRAULIC CHERVON	2	A
- 13	S1072036	SPACER, HYDRAULIC REGULATING VALVE INNER	1	A
- 14	S1070624	SPRING, HYDRAULIC PRESSURE VALVE PACKING	1	A
- 15	S4005434-2	PLUG, HYDRAULIC PRESSURE REGULATING (MAKE FROM 3152-4-3/8 (92003))	1	A
- 16	S4005433	HOUSING, HYDRAULIC PRESSURE REGULATING VALVE	1	A
		A 001 THRU 172, 174, 175, 178 THRU 381 AND 555 THRU 558		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

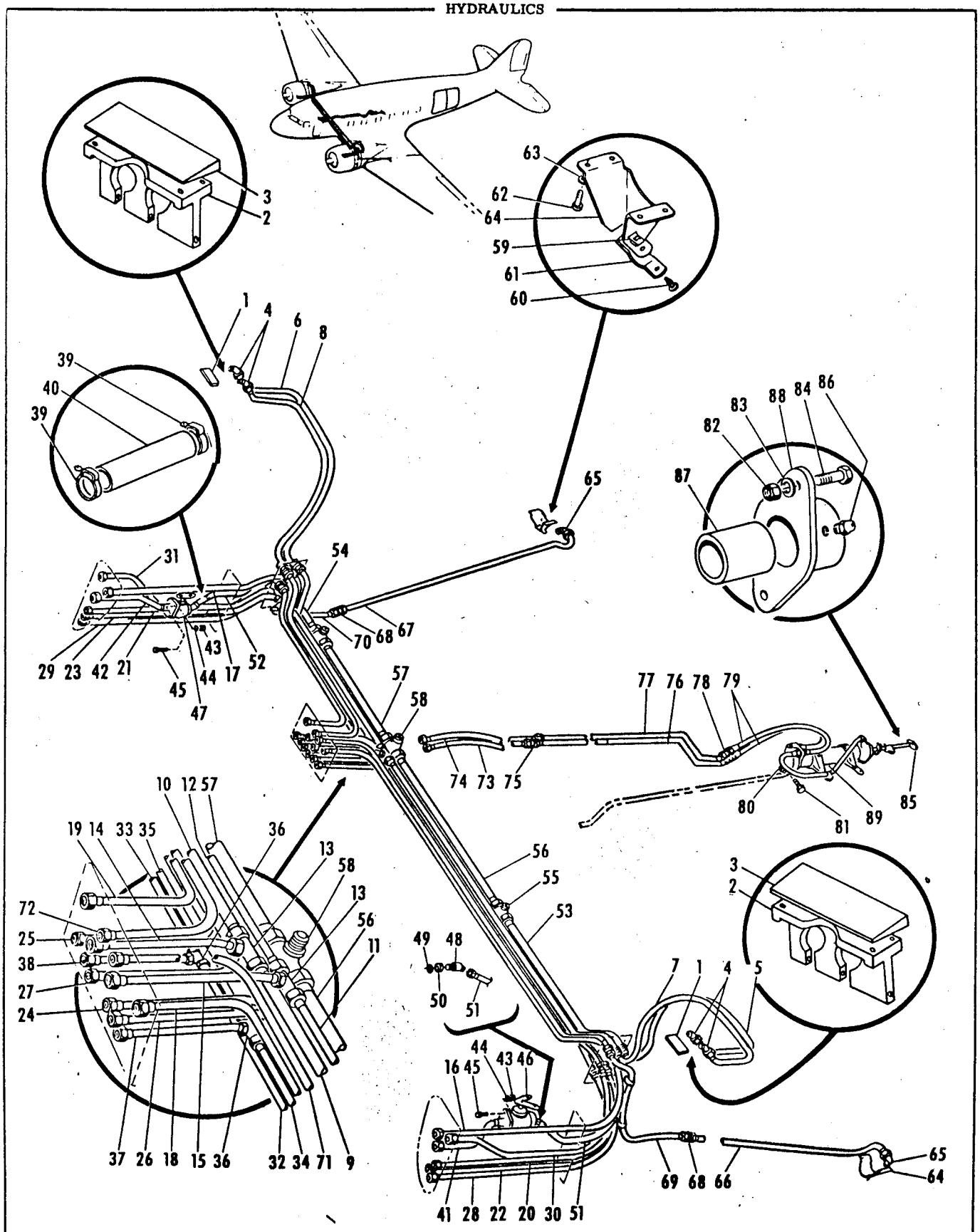

Figure 117. Center Wing Hydraulic System

V4-145

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
117	5110513	SYSTEM INSTL, CENTER WING HYDRAULIC (SEE T.O. 1C-1-31) (SEE FIG. 6A FOR NHA)	REF	A
	5141942	SYSTEM INSTL, CENTER WING HYDRAULIC (SEE T.O. 1C-1-31) (SEE FIG. 6A FOR NHA)	REF	BC
	5203836	SYSTEM INSTL, CENTER WING HYDRAULIC (SEE T.O. 1C-1-31) (SEE FIG. 6A FOR NHA)	REF	D
- 1	1118389	PAD ASSY, RETRACTING HOSE PROTECTING	2	
- 2	2116629	CLAMP, HYDRAULIC RETAINING HOSE SUPPORT	2	
- 3	1203147	SHIM, HYDRAULIC RETAINING HOSE SUPPORT	2	
- 4	8CT45S	CONNECTOR, (45681)	4	AC
	AAF811-8NS-CT45	ELBOW	4	D
- 5	NO NUMBER	PIPE ASSY, LANDING GEAR DOWN ELBOW TO UNION LH	1	
- 6	NO NUMBER	PIPE ASSY, LANDING GEAR DOWN ELBOW TO UNION RH	1	
- 7	NO NUMBER	PIPE ASSY, LANDING GEAR UP ELBOW TO UNION LH	1	
- 8	NO NUMBER	PIPE ASSY, LANDING GEAR UP ELBOW TO UNION RH	1	
- 9	5112588-31	PIPE ASSY, LANDING GEAR UP UNION TO TEE LH	1	AC
	5204913-29	PIPE ASSY, LANDING GEAR UP UNION TO TEE LH	1	D
- 10	5112588-26	PIPE ASSY, LANDING GEAR UP UNION TO TEE RH	1	AC
	5204913-26	PIPE ASSY, LANDING GEAR UP UNION TO TEE RH	1	D
- 11	5112588-33	PIPE ASSY, LANDING GEAR DOWN UNION TO TEE LH	1	AC
	5204913-30	PIPE ASSY, LANDING GEAR DOWN UNION TO TEE LH	1	D
- 12	5112588-29	PIPE ASSY, LANDING GEAR DOWN UNION TO TEE RH	1	AC
	5204913-28	PIPE ASSY, LANDING GEAR DOWN UNION TO TEE RH	1	D
- 13	AAF811JT8D	TEE	2	
- 14	5112588-25	PIPE ASSY, LANDING GEAR UP TEE TO UNION	1	AC
	5204913-25	PIPE ASSY, LANDING GEAR UP TEE TO UNION	1	D
- 15	5112588-28	PIPE ASSY, LANDING GEAR DOWN TEE TO UNION	1	AC
	5204913-27	PIPE ASSY, LANDING GEAR DOWN TEE TO UNION	1	D
- 16	5112588-16	PIPE ASSY, PUMP PRESSURE FIREWALL UNION TO BULKHEAD UNION LH	1	AC
	5204913-16	PIPE ASSY, PUMP PRESSURE FIREWALL UNION TO BULKHEAD UNION LH	1	D
- 17	5112588-18	PIPE ASSY, PUMP PRESSURE FIREWALL UNION TO BULKHEAD UNION RH	1	AC
	5204913-18	PIPE ASSY, PUMP PRESSURE FIREWALL UNION TO BULKHEAD UNION RH	1	D
- 18	5112588-15	PIPE ASSY, PUMP PRESSURE UNION TO UNION LH	1	AC
	5204913-15	PIPE ASSY, PUMP PRESSURE UNION TO UNION LH	1	D
- 19	5112588-17	PIPE ASSY, PUMP PRESSURE UNION TO UNION RH	1	AC
	5204913-17	PIPE ASSY, PUMP PRESSURE UNION TO UNION RH	1	D
- 20	5112588-10	PIPE ASSY, COWLING FLAP CLOSED FIREWALL UNION TO BULKHEAD UNION LH	1	AC
	5204913-10	PIPE ASSY, COWLING FLAP CLOSED FIREWALL UNION TO BULKHEAD UNION LH	1	D
- 21	5112588-14	PIPE ASSY, COWLING FLAP CLOSED FIREWALL UNION TO BULKHEAD UNION RH	1	AC
	5204913-14	PIPE ASSY, COWLING FLAP CLOSED FIREWALL UNION TO BULKHEAD UNION RH	1	D
- 22	5112588-8	PIPE ASSY, COWLING FLAP OPEN FIREWALL UNION TO BULKHEAD UNION LH	1	AC
	5204913-8	PIPE ASSY, COWLING FLAP OPEN FIREWALL UNION TO BULKHEAD UNION LH	1	D
- 23	5112588-12	PIPE ASSY, COWLING FLAP OPEN FIREWALL UNION TO BULKHEAD UNION RH	1	AC
	5204913-12	PIPE ASSY, COWLING FLAP OPEN FIREWALL UNION TO BULKHEAD UNION RH	1	D
- 24	5112588-9	PIPE ASSY, COWLING FLAP CLOSED UNION TO UNION LH	1	AC
	5204913-9	PIPE ASSY, COWLING FLAP CLOSED UNION TO UNION LH	1	D
- 25	5112588-13	PIPE ASSY, COWLING FLAP CLOSED UNION TO UNION RH	1	AC
	5204913-13	PIPE ASSY, COWLING FLAP CLOSED UNION TO UNION RH	1	D
- 26	5112588-7	PIPE ASSY, COWLING FLAP OPEN UNION TO UNION LH	1	AC
	5204913-7	PIPE ASSY, COWLING FLAP OPEN UNION TO UNION LH	1	D
- 27	5112588-11	PIPE ASSY, COWLING FLAP OPEN UNION TO UNION RH	1	AC
	5204913-11	PIPE ASSY, COWLING FLAP OPEN UNION TO UNION RH	1	D
- 28	5204913-60	PIPE ASSY, LOW BLOWER CONTROL FIREWALL UNION TO BULKHEAD UNION LH	1	D
- 29	5204913-58	PIPE ASSY, LOW BLOWER CONTROL FIREWALL UNION TO BULKHEAD UNION RH	1	D
- 30	5204913-59	PIPE ASSY, HIGH BLOWER CONTROL FIREWALL UNION TO BULKHEAD UNION LH	1	D
- 31	5204913-57	PIPE ASSY, HIGH BLOWER CONTROL FIREWALL UNION TO BULKHEAD UNION RH	1	D
- 32	5204913-56	PIPE ASSY, LOW BLOWER CONTROL UNION TO TEE LH	1	D
- 33	5204913-54	PIPE ASSY, LOW BLOWER CONTROL UNION TO TEE RH	1	D
- 34	5204913-55	PIPE ASSY, HIGH BLOWER CONTROL UNION TO TEE LH	1	D
- 35	5204913-53	PIPE ASSY, HIGH BLOWER CONTROL UNION TO TEE RH	1	D
- 36	AAF811JT4D	TEE	2	D
- 37	5204913-62	PIPE ASSY, LOW BLOWER CONTROL TEE TO UNION	1	D
- 38	5204913-61	PIPE ASSY, HIGH BLOWER CONTROL TEE TO UNION	1	D
- 39	AN748-38	CLAMP	8	D
- 40	AN884-12-16	HOSE	4	D
- 41	NO NUMBER	PIPE ASSY, PUMP SUCTION FIREWALL UNION TO VALVE LH	1	
- 42	NO NUMBER	PIPE ASSY, PUMP SUCTION FIREWALL UNION TO VALVE RH	1	
- 43	MS21044N3	NUT, (ALT PN AN365-1032)	6	
- 44	AN960D10L	WASHER	6	
- 45	AN3-5A	BOLT	6	
- 46	D32-210	VALVE ASSY, HYDRAULIC SHUTOFF LH (81982)	1	
- 47	D32-211	VALVE ASSY, HYDRAULIC SHUTOFF RH (81982)	1	
- 48	AN837-12D	ELBOW	2	
- 49	MS28778-12	GASKET, (ALT PN AN6290-12)	2	
- 50	AN924-12D	NUT	2	

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
117 - 51	NO NUMBER	PIPE ASSY, PUMP SUCTION VALVE TO BULKHEAD UNION LH	1	
- 52	NO NUMBER	PIPE ASSY, PUMP SUCTION VALVE TO BULKHEAD UNION RH	1	
- 53	5112588-20	PIPE ASSY, PUMP SUCTION UNION TO TEE LH	1	AC
	5204913-20	PIPE ASSY, PUMP SUCTION UNION TO TEE LH	1	D
- 54	5112588-23	PIPE ASSY, PUMP SUCTION UNION TO TEE RH	1	AC
	5204913-23	PIPE ASSY, PUMP SUCTION UNION TO TEE RH	1	D
- 55	1116054	TEE, HYDRAULIC SUCTION (MAKE FROM S10079369)	2	
- 56	5112588-19	PIPE ASSY, PUMP SUCTION TEE TO TEE LH	1	AC
	5204913-19	PIPE ASSY, PUMP SUCTION TEE TO TEE LH	1	D
- 57	5112588-22	PIPE ASSY, PUMP SUCTION TEE TO TEE RH	1	AC
	5204913-22	PIPE ASSY, PUMP SUCTION TEE TO TEE RH	1	D
- 58	12-12-16JT-D	TEE, (45681)	1	
- 59	1734M1-064	NUT, (78553)	4	A
	1794M1-064	NUT, (78553)	4	BD
- 60	MS24621-44	SCREW, (ALT PN AN530-10-10)	4	
- 61	1142377	CLAMP, BRAKE SYSTEM UPPER HOSE	4	
- 62	MS35266-63	SCREW, (ALT PN AN501-10-8)	8	
- 63	AN960-10	WASHER	8	
- 64	2142376	BRACKET, BRAKE SYSTEM UPPER HOSE	2	
- 65	AAF811ET6	ELBOW	2	A
	AAF811CT6NS	ELBOW	2	BC
	AAF811-6NS-CT	ELBOW	2	D
- 66	5112588-6	PIPE ASSY, BRAKE ELBOW TO UNION LH	1	AC
	5204913-6	PIPE ASSY, BRAKE ELBOW TO UNION LH	1	D
- 67	5112588-3	PIPE ASSY, BRAKE ELBOW TO UNION RH	1	AC
	5204913-3	PIPE ASSY, BRAKE ELBOW TO UNION RH	1	D
- 68	AFF811HT6	UNION	2	
- 69	5112588-5	PIPE ASSY, BRAKE UNION TO BULKHEAD UNION LH	1	AC
	5204913-5	PIPE ASSY, BRAKE UNION TO BULKHEAD UNION LH	1	D
- 70	5112588-2	PIPE ASSY, BRAKE UNION TO BULKHEAD UNION RH	1	AC
	5204913-2	PIPE ASSY, BRAKE UNION TO BULKHEAD UNION RH	1	D
- 71	5112588-4	PIPE ASSY, BRAKE UNION TO UNION LH	1	AC
	5204913-4	PIPE ASSY, BRAKE UNION TO UNION LH	1	D
- 72	5112588-1	PIPE ASSY, BRAKE UNION TO UNION RH	1	AC
	5204913-1	PIPE ASSY, BRAKE UNION TO UNION RH	1	D
- 73	5112588-35	PIPE ASSY, WING FLAP UP UNION TO UNION	1	AC
	5204913-31	PIPE ASSY, WING FLAP UP UNION TO UNION	1	D
- 74	5112588-37	PIPE ASSY, WING FLAP DOWN UNION TO UNION	1	AC
	5204913-33	PIPE ASSY, WING FLAP DOWN UNION TO UNION	1	D
- 75	AFF811HT6D	UNION	2	
- 76	5112588-36	PIPE ASSY, WING FLAP UP UNION TO HOSE	1	AC
	5204913-32	PIPE ASSY, WING FLAP UP UNION TO HOSE	1	D
- 77	5112588-38	PIPE ASSY, WING FLAP DOWN UNION TO HOSE	1	AC
	5204913-34	PIPE ASSY, WING FLAP DOWN UNION TO HOSE	1	D
- 78	S1031662-6S	NUT, BULKHEAD CONNECTOR CHECK	2	
- 79	62B44158	HOSE ASSY, WING FLAP ACTUATING CYLINDER	2	A
	43D2475-6-380	HOSE ASSY	2	BC
	2189609	HOSE ASSY, WING FLAP COMPLETE	2	D
- 80	AN320-3	NUT	1	
- 81	AN23-13	BOLT	1	
- 82	MS21044N3	NUT, (ALT PN AN365-1032)	4	
- 83	AN960-10	WASHER	2	
	AN960D10	WASHER	2	
- 84	AN3-5A	BOLT	4	
- 85	1118053	BEARING ASSY, WING FLAP OPERATING PISTON ROD	1	
- 86	A5523	LUBRICATOR, (36251)	1	
- 87	S116500-12B100	BUSHING, (SIZE ID TO 0.7495/0.7505 ON INSTL)	1	
- 88	1118053-1	BODY, WING FLAP OPERATING PISTON ROD (MAKE FROM S139147)	1	
- 89	5117384	STRUT ASSY, WING FLAP OPERATING (SEE FIG. 119 FOR DETAILS)	1	AC
	5209970	STRUT ASSY, WING FLAP OPERATING O-RING (SEE FIG. 120 FOR DETAILS)	1	D
		A 001, 002 AND 026 THRU 028 B 003 THRU 025, 029 THRU 171, 178 THRU 182 AND 555 THRU 558 C 183 THRU 209 D 172 THRU 177 AND 210 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

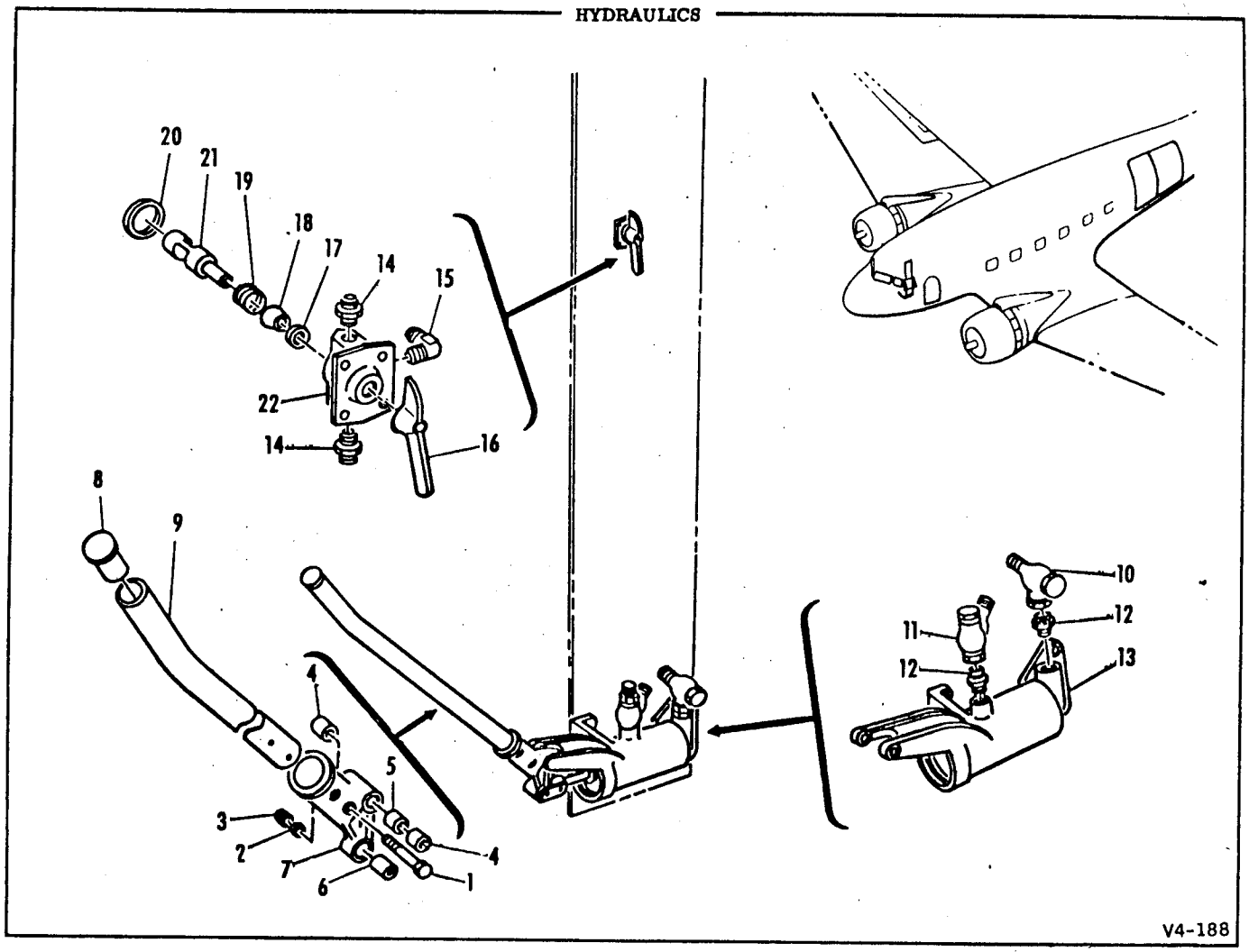

Figure 118. Hydraulic Pump, Pump Handle, and Gyropilot Shutoff Valve

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
118		HYDRAULIC PUMP, PUMP HANDLE AND GYROPILOT SHUTOFF VALVE		
	2118975	HANDLE ASSY, HYDRAULIC HAND PUMP (SEE FIG. 114 FOR NHA)	REF	
- 1	AN3-21A	BOLT	2	
- 2	AN960-10	WASHER	2	
- 3	MS21044N3	NUT, (ALT PN AN365-1032)	2	
- 4	B88	BEARING, NEEDLE (60380)	2	
- 5	NAS43DD8-34	SPACER, (ALT PN S117425-8D017)	1	
- 6	B81Z	BEARING, NEEDLE (60380)	1	
- 7	2118956	FITTING, HYDRAULIC HAND PUMP HANDLE (MAKE FROM 2005133)	1	
- 8	1118938	END, HYDRAULIC HAND PUMP HANDLE	1	
- 9	3118957	TUBE, HYDRAULIC HAND PUMP HANDLE	1	
	5209981	PUMP ASSY, O-RING HYDRAULIC HAND (SEE FIG. 114 FOR NHA)	REF	
- 10	407LDT8	VALVE ASSY, CHECK (92003)	1	
- 11	407DT8	VALVE ASSY, CHECK (92003)	1	
- 12	AN911-3	NIPPLE, (ALT PN 895-92)	2	
- 13	5209981-2	PUMP ASSY, O-RING HYDRAULIC HAND (MAKE FROM 2060 (53477))	1	
	4118981	VALVE ASSY, GYROPILOT SHUTOFF (SEE FIG. 114 FOR NHA)	REF	
- 14	8FT-S	NIPPLE, (92003)	2	
- 15	8CCT-S	ELBOW, (92003)	1	
- 16	8	HANDLE, PLUG VALVE (92003)	1	
- 17	1118946	COLLAR, GYROPILOT SHUTOFF VALVE	1	
- 18	S1049003D012	CUP, HYDRAULIC PACKING FLARED 3/16 X 3/16 IN.	1	
- 19	1118947	SPRING, GYROPILOT SHUTOFF VALVE	1	
- 20	COML	GASKET, RED FIBER 1/32 OR TINNED COPPER 1/32	1	
- 21	4118981-1	PLUG, GYROPILOT SHUTOFF VALVE (92003)	1	
- 22	4118981-2	BODY, GYROPILOT SHUTOFF VALVE	1	

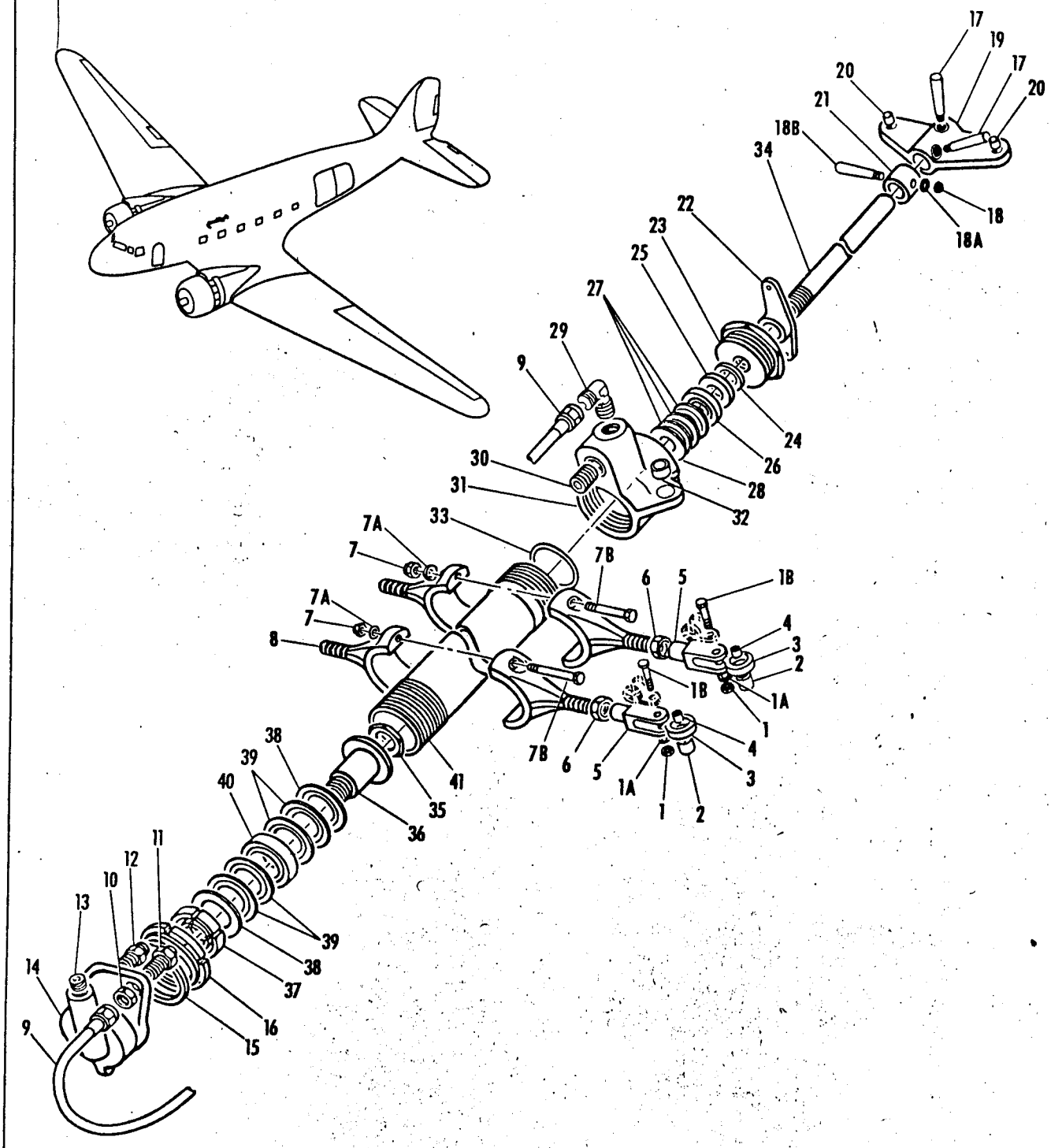

Figure 119. Wing Flap Operating Strut

V4-175

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
119	5117384	STRUT ASSY, WING FLAP OPERATING (SEE FIG. 117 FOR NHA)	REF	A
- 1	AN310-3	NUT	4	A
- 1A	AN960-10	WASHER	4	A
- 1B	AN3-11	BOLT	4	A
- 2	1118161	BEARING, WING FLAP STRUT SUPPORT ROLLER	4	A
- 3	1118160	ROLLER ASSY, WING FLAP HYDRAULIC STRUT SUPPORT	4	A
- 4	S116500-6B013	BUSHING, (SIZE ID TO 0.3745/0.3755 ON INSTL)	4	A
- 5	1118054	CLEVIS, WING FLAP HYDRAULIC STRUT SUPPORT	1	A
- 6	AN316-8R	NUT	4	A
- 7	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
- 7A	AN960-10	WASHER	4	A
- 7B	AN3-20A	BOLT	4	A
- 8	2118042	SUPPORT, WING FLAP OPERATING (MAKE FROM S242481)	4	A
		(ORDER IN PAIRS)	2	A
- 9	2117251-1	PIPE ASSY, WING FLAP OPERATING STRUT PORT A TO ELBOW		
- 10	11-1039-1-5D	NUT, (45681)	1	A
- 11	3115-2HT6D	UNION, BULKHEAD (45681)	1	A
- 12	6FT-S	CONNECTOR, (45681)	1	A
- 13	AN932-3	PLUG, (ALT PN AC895-101)	1	A
- 14	4117383	CAP, WING FLAP OPERATING STRUT	1	A
- 15		GASKET, EXTERNAL SEAL RING (PN S1111908-214-220-188)	1	A
- 16	2118399	NUT, WING FLAP STRUT EXTERNAL PACKING	1	A
- 17	AN386-2-9A	PIN	1	A
- 18	MS21044N3	NUT, (ALT AN365-1032)	2	A
- 18A	AN975-3	WASHER	3	A
- 18B	AN386-2-8A	PIN	3	A
- 19	2118041	BLOCK ASSY, WING FLAP OPERATING PISTON (DRILL ON INSTL)	1	A
- 20	S116500-4C012	BUSHING, (SIZE ID TO 0.2495/0.2505 ON INSTL)	1	A
- 21	1118052	COLLAR, WING FLAP STRUT SHEAR (DRILL ON INSTL)	2	A
- 22	1118051	BEARING, WING FLAP OPERATING PISTON ROD AUXILIARY	1	A
		(MAKE FROM S142480)	1	A
- 23	1118050	NUT, WING FLAP OPERATING (MAKE FROM S138623)		
- 24	S126221-3-12-18	WASHER, PACKING	1	A
- 25		WASHER, (PN S143908-024D114-187)	1	A
- 26	S1012953D024-012	RING, CENTER PACKING	1	A
- 27	S5135865-6-024	PACKING, HYDRAULIC CHEVRON	1	A
- 28	S1012954D024-012	RING, END PACKING	3	A
- 29	6CT-S	ELBOW, (45681)	1	A
- 30	AN932-4	PLUG, (ALT PN AC895-102)	1	A
- 31	2118039	BASE ASSY, WING FLAP OPERATING PISTON	1	A
- 32	S116500-4C012	BUSHING, (SIZE ID TO 0.2495/0.2505 ON INSTL)	1	A
- 33	MS35769-59	GASKET, (ALT PN AN900-34)	2	A
	2118040	PISTON ASSY, WING FLAP OPERATING CYLINDER	1	A
	1118044	ROD ASSY, WING FLAP OPERATING PISTON	1	A
- 34	1118044-2	ROD ASSY, WING FLAP OPERATING PISTON (WELDED)	1	A
- 35	1118047	NUT, WING FLAP OPERATING PISTON LOCKING	1	A
- 36	1118046	HEAD, WING FLAP OPERATING PISTON	1	A
- 37	1118048	BEARING, WING FLAP OPERATING PISTON	1	A
- 38	S1012954D110-012	RING, END PACKING	1	A
- 39	S5135865-6-110	PACKING, HYDRAULIC CHEVRON	2	A
- 40	1118049	SPACER, WING FLAP OPERATING PISTON CONCAVE PACKING	4	A
- 41	2117772	CYLINDER, WING FLAP OPERATING STRUT	1	A
			1	A
		A 001 THRU 171, 178 THRU 209 AND 555 THRU 558		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

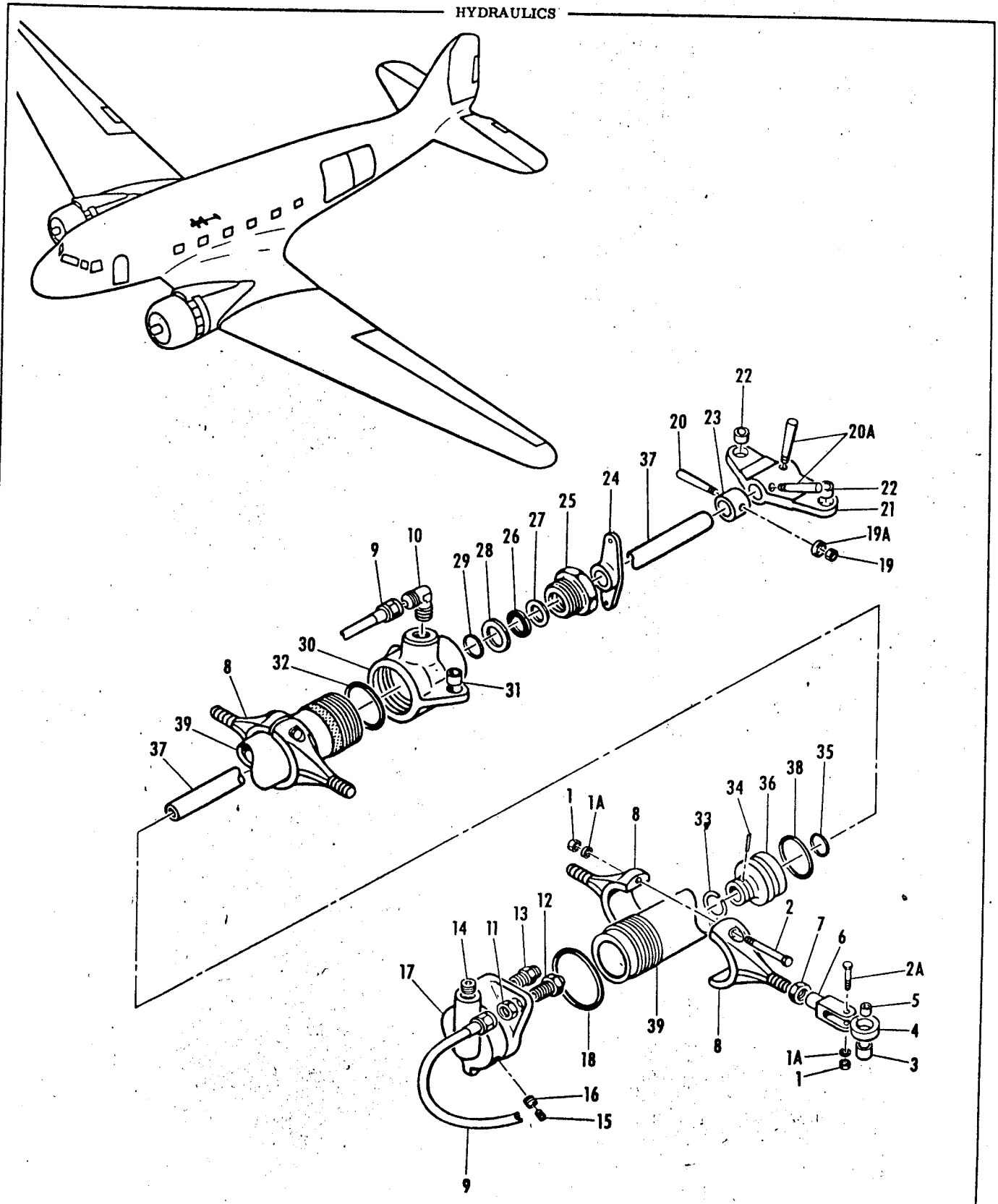

Figure 120. Wing Flap Operating O-Ring Strut

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FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
120 .	5209970	STRUT ASSY, WING FLAP OPERATING O-RING	REF	A
		(SEE FIG. 117 FOR NHA)		
- 1	MS21044N3	NUT, (ALT PN AN365-1032)	8	A
- 1A	AN960-10	WASHER	8	A
- 2	AN3-20A	BOLT	4	A
- 2A	AN3-11A	BOLT	4	A
- 3	1118161	BEARING, WING FLAP STRUT SUPPORT ROLLER	4	A
- 4	1118160	ROLLER ASSY, WING FLAP HYDRAULIC STRUT SUPPORT	4	A
- 5	S116500-6B013	BUSHING, (SIZE ID TO 0.3745/0.3755 ON INSTL)	1	A
- 6	1118054	CLEVIS, WING FLAP HYDRAULIC STRUT SUPPORT	4	A
- 7	AN316-8R	NUT	4	A
- 8	2118042	SUPPORT, WING FLAP OPERATING STRUT (MAKE FROM 242481)	2	A
		(ORDER IN PAIRS)		
- 9	2117251-1	PIPE ASSY, WING FLAP OPERATING STRUT PORT A TO ELBOW	1	A
- 10	AAF811CT6NS	ELBOW	1	A
- 11	11-1039-1-5D	NUT, LOCK (45681)	1	A
- 12	3115-2HT6D	UNION, (45681)	1	A
- 13	AAF811FT6NS	NIPPLE	1	A
- 14	AN932-3	PLUG, (ALT PN AAF895-101)	1	A
- 15	NO NUMBER	SCREW, FLAT POINT 1/4 X 20 STEEL SOCKET SET (45681)	2	A
- 16	AN6233-4	PLUG	2	A
- 17	4189534	CAP, O-RING WING FLAP OPERATING STRUT	1	A
- 18	AN6230-6	GASKET	1	A
- 19	MS21044N3	NUT, (ALT PN AN365-1032)	3	A
- 19A	AN975-3	WASHER	3	A
- 20	AN386-2-8A	PIN	1	A
- 20A	AN386-2-9A	PIN	2	A
- 21	2118041	BLOCK ASSY, WING FLAP OPERATING PISTON (DRILL ON INSTL)	1	A
- 22	S116500-4C012	BUSHING, (SIZE ID TO 0.2495/0.2505 ON INSTL)	2	A
- 23	1118052	COLLAR, WING FLAP STRUT SHEAR (DRILL ON INSTL)	1	A
- 24	1118051	BEARING, WING FLAP OPERATING PISTON ROD AUXILIARY	1	A
		(MAKE FROM 142480)		
- 25	1209974	NUT, O-RING WING FLAP OPERATING STRUT	1	A
- 26	MS28932-1	STRIP, (ALT PN AN6232-1)	1	A
- 27	MS28776M2-5	SCRAPER, (ALT PN AN6231-5)	1	A
- 28	1209969	RETAINER, WING FLAP OPERATING STRUT O-RING	1	A
- 29	AN6227B15	PACKING, (ALT PN AN6227-15)	1	A
- 30	4209977	BASE ASSY, O-RING WING FLAP OPERATING STRUT	1	A
- 31	S116500-4C012	BUSHING, (SIZE ID TO 0.2495/0.2505 ON INSTL)	2	A
- 32	AN6230-6	GASKET	1	A
	2209971	PISTON ASSY, O-RING WING FLAP OPERATING STRUT	1	A
- 33	1188997	RETAINER, WING FLAP PISTON HEAD PIN	1	A
- 34	1189525	PIN, WING FLAP STRUT O-RING PISTON LOCKING	1	A
- 35	AN6227B15	PACKING, (ALT PN AN6227-15)	1	A
- 36	1209975	PISTON, WING FLAP STRUT O-RING	1	A
- 37	2209973	ROD ASSY, O-RING WING FLAP OPERATING PISTON	1	A
- 38	AN6227B29	PACKING, (ALT PN AN6227-29)	1	A
- 39	2209976	CYLINDER, O-RING WING FLAP OPERATING STRUT	1	A
		A 172 THRU 177 AND 210 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

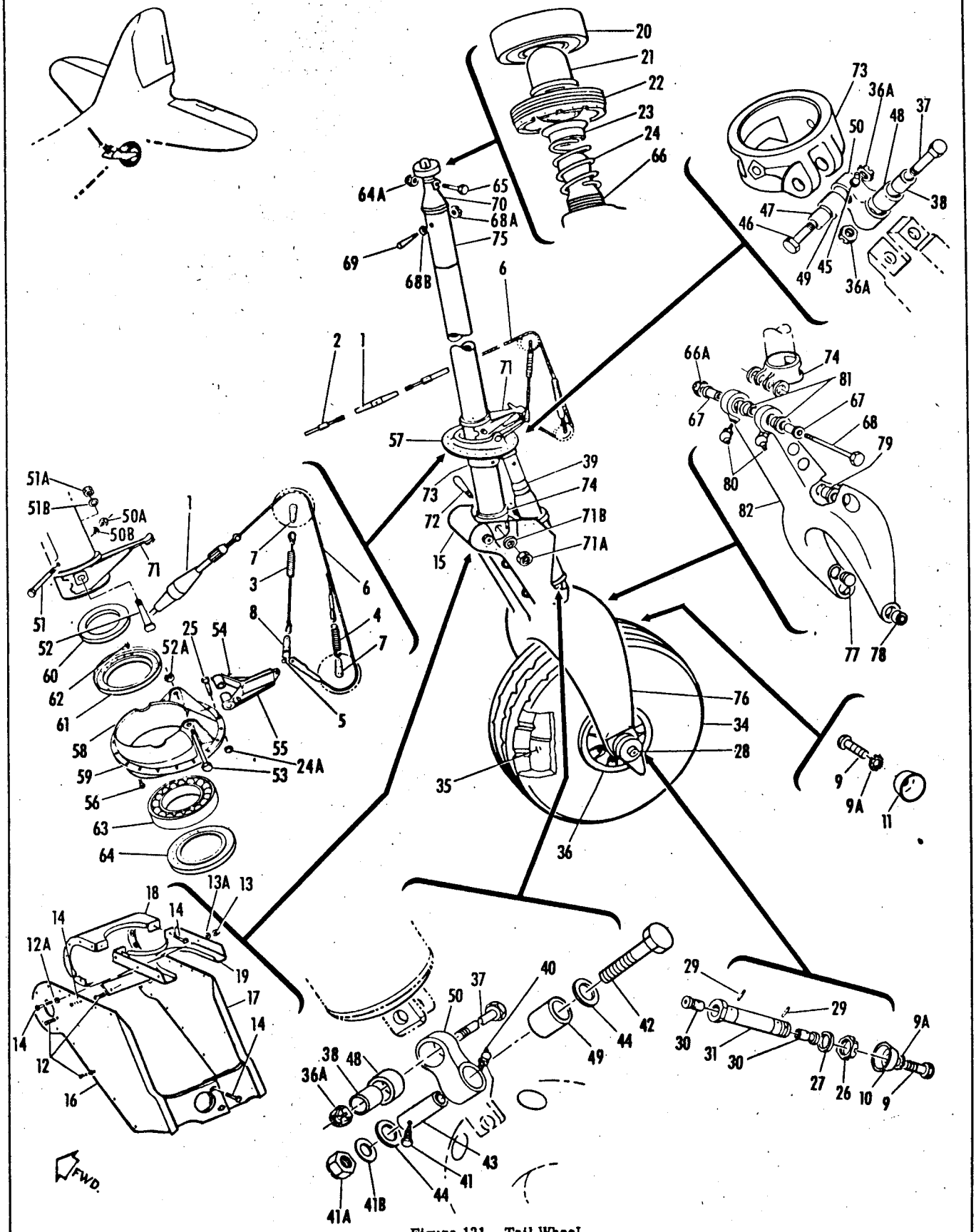

Figure 121. Tail Wheel

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
121	5115220	WHEEL INSTL, TAIL	1	
- 1	MS21251B3L	TURNBUCKLE, (ALT PN AN155-16L)	2	
- 2	S2074407EF48800	CABLE ASSY, SWAGED TYPE 3/32 IN. DIAMETER	1	
- 3	1115980	SPRING, TAIL WHEEL LOCK	1	
- 4	1115976	SPRING, TAIL WHEEL LOCK CABLE RELIEF	1	
- 5	1139349	PIN, TAIL WHEEL LOCK CABLE ATTACHING	1	
- 6	2118995	CABLE ASSY, TAIL WHEEL LOCK AFT	1	
- 7	1115981-1	LINK, TAIL WHEEL LOCK SPRING	2	
- 8	1115981-2	LINK, TAIL WHEEL LOCK SPRING	1	
- 9	MS35207-263	SCREW, (ALT PN AN526-1032-8)	2	
- 9A	MS35335-32	WASHER, (ALT PN AN936B10)	2	
- 10	2139383	GUARD, TAIL WHEEL AXLE LH	1	
- 11	2139382	GUARD, TAIL WHEEL AXLE RH	1	
- 12	MS35207-261	SCREW, (ALT PN AN520-10-6)	12	
- 12A	MS35338-43	WASHER, (ALT PN AN935-10)	12	
- 13	NAS446-5-1	NUT, (ALT PN 1779M1 (78553))	10	
- 13A	AN960-10	WASHER, (ALT PN AN940-316)	12	
- 14	MS24621-43	SCREW, (ALT PN AN530-10-8)	22	
- 15	5115984	FAIRING ASSY, TAIL WHEEL	1	
- 16	5115984-1	FAIRING, TAIL WHEEL LH	1	
- 17	5115984-5	FAIRING, TAIL WHEEL RH	1	
- 18	5115984-6	GUSSET, TAIL WHEEL FAIRING FORWARD	1	
- 19	5115984-3	GUSSET, TAIL WHEEL FAIRING AFT	1	
- 20	308W	BEARING, (21335)	1	
- 21	1115977	SOCKET, TAIL WHEEL SPINDLE END BALL	1	
- 22	2115982	CAP, TAIL WHEEL SPINDLE RETAINING UPPER	1	
- 23	1115978	SLEEVE, TAIL WHEEL SPINDLE FITTING BALL UPPER	1	
- 24	1115979	SPRING, TAIL WHEEL SPINDLE SLEEVE RETAINING UPPER	1	
- 24A	MS21044N4	NUT, (ALT PN AN365-428)	18	
- 25	AN4-7A	BOLT	18	
	5115221	WHEEL ASSY, TAIL (SPARE PARTS ASSY 1142469 AND 2142879)	1	
- 26	AN320-20	NUT	1	
- 27	1140831	WASHER, TAIL WHEEL AXLE	1	
- 28	1115797	AXLE ASSY, TAIL WHEEL	1	
- 29	S146142-187-106	PIN	2	
- 30	1115795	PLUG, TAIL WHEEL AXLE	2	
- 31	2115851	AXLE, TAIL WHEEL	1	
- 32	DELETED			
- 33	DELETED			
- 34	NO NUMBER	TIRE, RIB TREAD CASING 22 X 9.00-6 8 PLY (GFAE)	1	
- 35	NO NUMBER	TUBE, TAIL WHEEL 22 X 9.00-6 (TYPE 3) (CLASS 2)	1	
- 36	52058	WHEEL ASSY, (06848) (ALT PN XS0200FM (22337) OR Z04A204M1 (73808))	1	
	S0200FM1	WHEEL ASSY, (22337)	1	
	204A204M1	WHEEL ASSY, (73808)	1	
- 36A	AN320-12	NUT	3	
- 37	S111904-12-223	BOLT, BEARING	2	
- 38	1115802	SPACER, TAIL WHEEL STRUT LINK 1-1/4 IN.	2	
- 39	5143760	STRUT ASSY, TAIL WHEEL SHOCK ABSORBER COMPLETE (SEE FIG. 122 FOR DETAILS)	1	
- 40	MS15006-2	FITTING, (ALT PN AN286-2)	1	
- 41	1115818	SCREW, TAIL SHOCK ABSORBER PIN LOCK	1	
- 41A	AN310-4	NUT	1	
- 41B	AN960-416	WASHER	1	
- 42	AN4-43	BOLT	1	
- 43	1115806	PIN, TAIL WHEEL FORK SHOCK ABSORBER ATTACHING	1	
- 44		WASHER, (PART NUMBER S143908-008D112-125)	2	
- 45	MS15006-3	FITTING, (ALT PN AN286-3)	1	
- 46	S111904-12-301	BOLT, BEARING	1	

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
121				
- 47	1115801	SPACER, TAIL WHEEL STRUT LINK UPPER	1	
	2115849	LINK ASSY, TAIL WHEEL SHOCK ABSORBER STRUT (ALT PN 2203993)	2	
	2203993	LINK ASSY, TAIL WHEEL SHOCK ABSORBER STRUT	2	
- 48	S1165C0-16C108	BUSHING, (SIZE ID TO 0.9995/1.0005 ON INSTL)	1	
- 49	S116500-188124	BUSHING, (SIZE ID TO 1.1245/1.1255 ON INSTL)	1	
- 50	2115849-1	LINK, TAIL WHEEL SHOCK ABSORBER STRUT (MAKE FROM S2015683)	1	
	2203993-2	LINK, TAIL WHEEL SHOCK ABSORBER STRUT	1	
- 50A	AN310-4	NUT	1	
- 50B		WASHER, (PART NUMBER S143908-008D018-128)	2	
- 51	AN4-42	BOLT	1	
- 51A	AN320-9	NUT	1	
- 51B	AN975-9	WASHER	1	
- 52	1115820	PIN, TAIL WHEEL SPINDLE COLLAR TAPER	1	
- 52A	AN320-8	NUT	1	
- 53	S111904-8-526	BOLT, BEARING	1	
	2115841	LOCK ASSY, TAIL WHEEL SPINDLE	1	
- 54	P46604	LUBRICATOR, (95879)	2	
- 55	2115841-2	HOUSING, TAIL WHEEL SPINDLE (MAKE FROM S2006235)	1	
- 56	AN502-10-14	SCREW	19	
- 57	5115861	HOUSING ASSY, TAIL WHEEL SPINDLE LOWER BEARING	1	
- 58	5115861-2	CAP, TAIL WHEEL SPINDLE LOWER BEARING HOUSING (MAKE FROM S5005844-2) (ORDER NHA 5115861)	1	
- 59	5115861-1	BODY, TAIL WHEEL SPINDLE LOWER BEARING HOUSING (MAKE FROM S5005844-1) (ORDER NHA 5115861)	1	
- 60		WASHER, (PART NUMBER S143908-318R400-010)	3	
- 61	2130375	SEAL ASSY, TAIL WHEEL SPINDLE CENTER BEARING UPPER (WELDED)	1	
- 62	5523	LUBRICATOR, (36251) (ALT PN A5523 (36251))	1	
- 63	218MFF2	BEARING, SPHERICAL (21335) (ALT PN 218WB (21335))	1	
- 64	2006235	SEAL ASSY, TAIL WHEEL SPINDLE CENTER BEARING LOWER	1	
- 64A	AN310-6	NUT	1	
- 65	AN6-21	BOLT	1	
- 66	1115799	END, TAIL WHEEL SPINDLE BALL	1	
- 66A	AN310-14	NUT	1	
- 67	1115803	SPACER, TAIL WHEEL LOWER FITTING	2	
- 68	AN14-93	BOLT	1	
	3006968	SPINDLE ASSY, TAIL WHEEL	1	
- 68A	AN320-5	NUT	1	
- 68B	AN975-5	WASHER	1	
- 69	AN386-4-27	PIN	1	
- 70	2115852	END, TAIL WHEEL SPINDLE UPPER TUBE	1	
- 71	4367224	COLLAR, TAIL WHEEL SPINDLE LOCK (MAKE FROM 4130666)	1	
- 71A	AN320-9	NUT	2	
- 71B	AN975-9	WASHER	2	
- 72	AN386-8-36	PIN	2	
- 73	4367839	LUG, RETRACTABLE TAIL WHEEL SPINDLE UPPER (MAKE FROM S4006142)	1	
- 74	4367712	LUG, TAIL WHEEL SPINDLE LOWER (MAKE FROM S4006142)	1	
- 75	3115855	TUBE, TAIL WHEEL SPINDLE	1	
- 76	5115862	FORK ASSY, TAIL WHEEL	1	
- 77	1022	PLUG, EXPANSION (73287)	6	
- 78	S116500-20C020	BUSHING, (SIZE ID TO 1.2505/1.2520 ON INSTL)	2	
- 79	1115804	BUSHING, TAIL WHEEL FORK CENTER (SIZE ID TO 1.1245/1.1255 ON INSTL)	2	
- 80	MS15006-2	FITTING, (ALT PN AN286-2)	2	
- 81	1115805	BUSHING, TAIL WHEEL FORK END (SIZE ID TO 1.2495/1.2505 ON INSTL)	4	
- 82	5115862-1	FORK, TAIL WHEEL (MAKE FROM S5006445-1)	1	

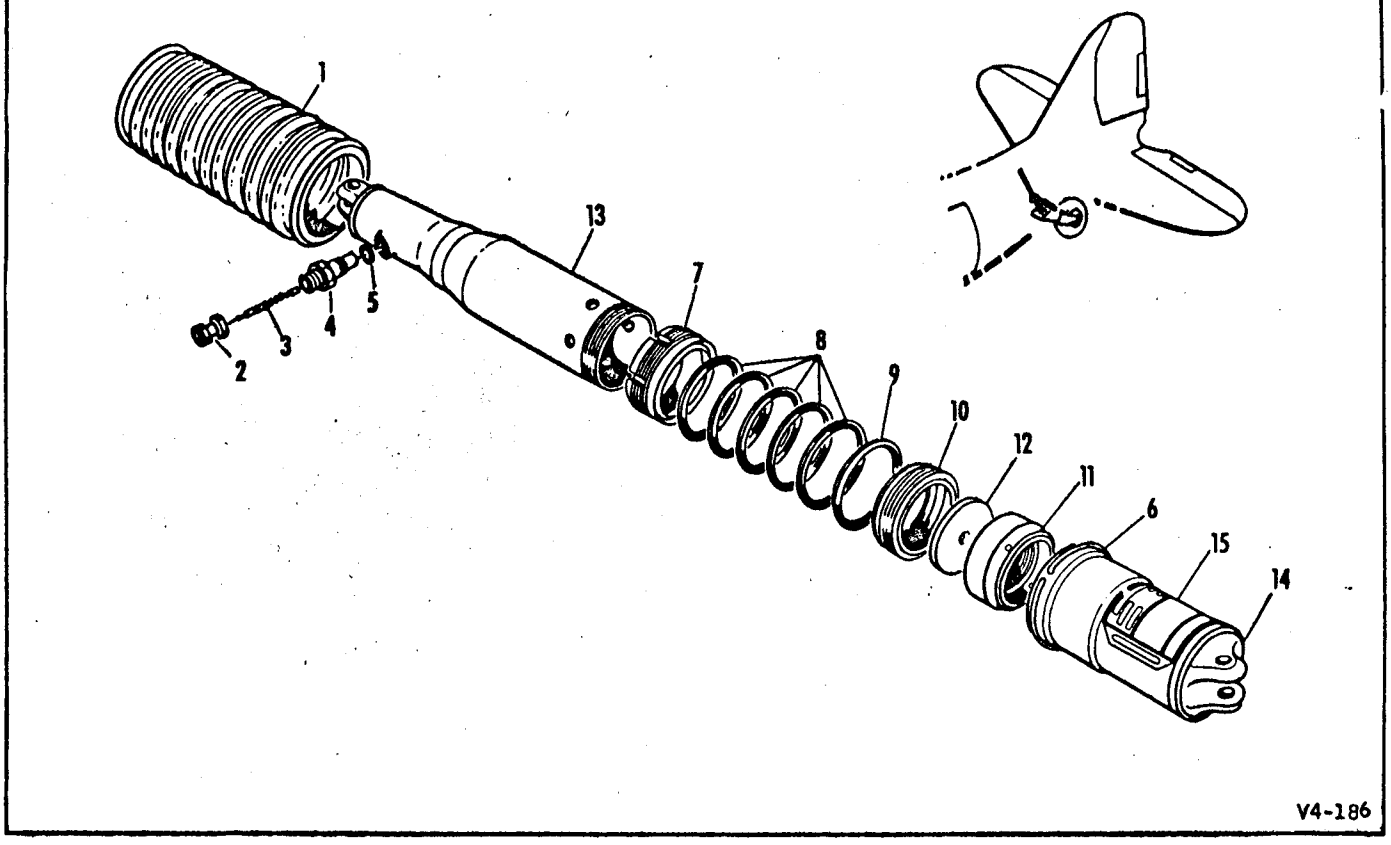

Figure 122. Tail Wheel Shock Absorber Complete Strut

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
122	5143760	STRUT ASSY, TAIL WHEEL SHOCK ABSORBER COMPLETE (SEE FIG. 121 FOR NHA)	REF	
- 1	5143698	EXCLUDER ASSY, TAIL WHEEL SHOCK ABSORBER NEOPRENE DUST	1	
	5115222	STRUT ASSY, TAIL WHEEL SHOCK ABSORBER	1	
- 2	2525	CAP, HIGH PRESSURE AIR VALVE (53477) (ALT PN 637 (17875))	1	
	637	CAP, HIGH PRESSURE AIR VALVE (17875)	1	
- 3	2300	CORE ASSY, HIGH PRESSURE AIR VALVE (53477) (ALT PN 302D (17875))	1	
	302D	CORE ASSY, HIGH PRESSURE AIR VALVE (17875)	1	
- 4	AN6287-1	VALVE ASSY, HIGH PRESSURE AIR	1	
- 5		WASHER, (PART NUMBER S143908-016C024-032)	1	
- 6	2206087	RING, TAIL WHEEL SHOCK STRUT LOCK	1	
- 7	2115051	NUT, TAIL WHEEL SHOCK ABSORBER PACKING ADJUSTING	1	
	2115050	PACKING ASSY, TAIL WHEEL SHOCK ABSORBER	1	
- 8	S5135865-5-400	PACKING, HYDRAULIC CHEVRON	5	
- 9	S1012954D400-010	RING, END PACKING	1	
- 10	2048254	RETAINER, TAIL WHEEL SHOCK ABSORBER PACKING (ALT PN 2115049)	1	
	3115048	PISTON ASSY, TAIL WHEEL SHOCK ABSORBER	1	
- 11	2115285	RETAINER, TAIL WHEEL SHOCK ABSORBER PISTON HEAD	1	
- 12	2115286	HEAD, TAIL WHEEL SHOCK ABSORBER PISTON	1	
- 13	3115288	PISTON ASSY, TAIL WHEEL SHOCK ABSORBER (WELDED) (MAKE FROM 3115289)	1	
- 14	4115054	CYLINDER, TAIL WHEEL SHOCK ABSORBER (MAKE FROM 4047838)	1	
- 15	1115052	PLATE, INSTRUCTION	1	

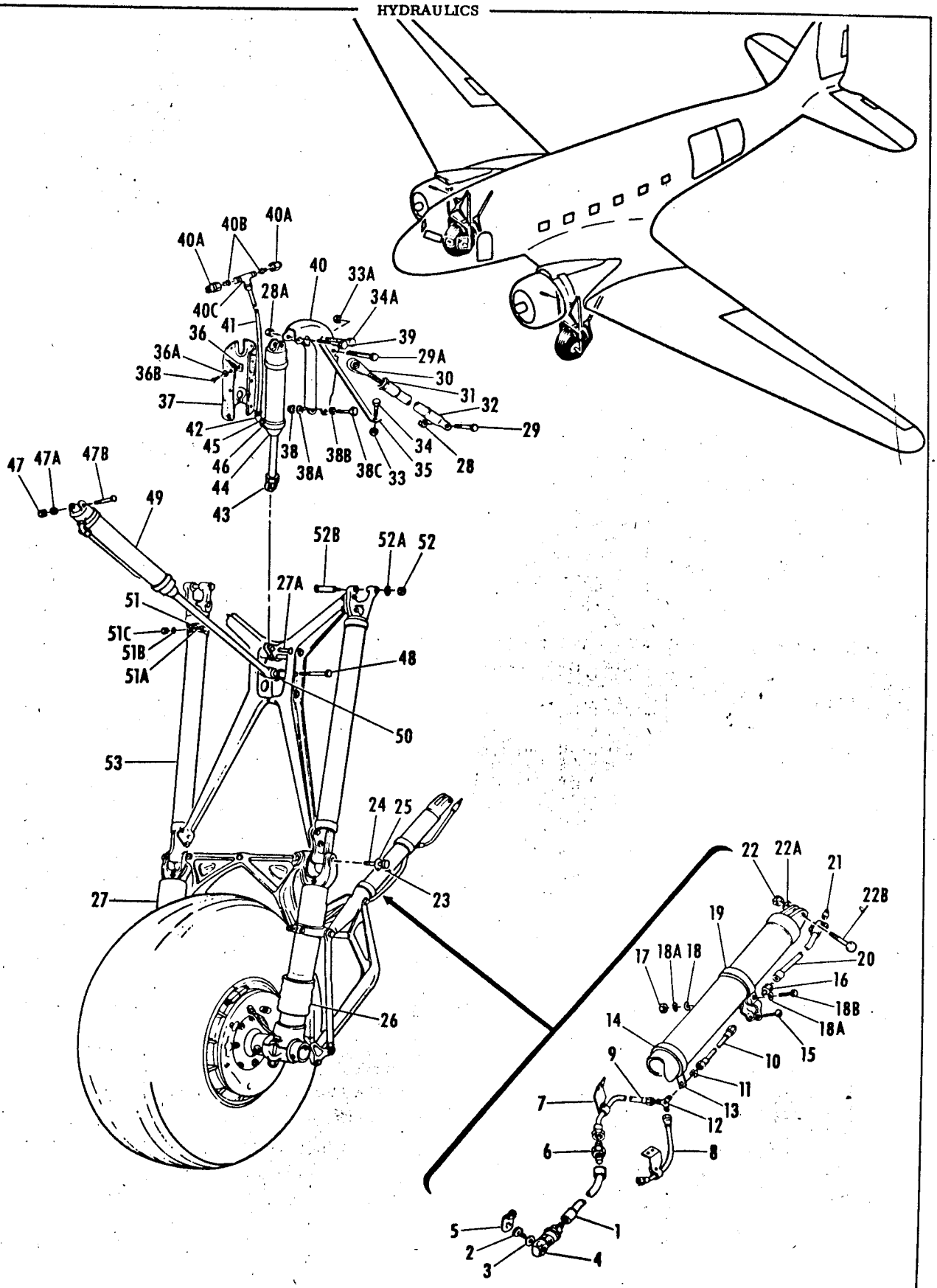

Figure 123. Landing Gear

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FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
123	5110568	GEAR INSTL, LANDING (SPARE PARTS ASSY 4202084)	1	AE
	5203619	GEAR INSTL, LANDING (SPARE PARTS ASSY 4202084)	1	FH
- 1	1116960	HOSE ASSY, HYDRAULIC BRAKE	4	A,D
	1202670	HOSE ASSY, HYDRAULIC BRAKE	4	EH,J
- 2	2143161	BOLT, HYDRAULIC SWIVEL COUPLING	4	
- 3		GASKET, (PN AAF40B887-016C024-20)	8	
- 4	109-5	COUPLING, (00624)	4	AE
	163-5	COUPLING, (00624) (ALT PN UD120-5 (73439))	4	FH
	UD120-5	COUPLING, (73439)	4	FH
- 5	1204823	PLATE, HYDRAULIC SWIVEL COUPLING BOLT LOCKING	4	
- 6	6FT	CONNECTOR, (45722)	4	A,D
	6-5HTS	CONNECTOR, (45722)	4	J
	1203210	COUPLING, LANDING GEAR LOWER BRAKE HOSE	4	EH
- 7	1139267	CLIP, BRAKE HOSE ATTACH LH	2	
	1139267-1	CLIP, BRAKE HOSE ATTACH RH	2	
- 8	4116679-1	PIPE ASSY, WYE TO FLEXIBLE HOSE LOWER LH STRUT	2	
- 9	4116679-3	PIPE ASSY, WYE TO FLEXIBLE HOSE LOWER LH STRUT	2	
- 10	4116679-2	PIPE ASSY, WYE TO FLEXIBLE HOSE UPPER STRUT	2	
- 11	S1031662-6S	NUT, BULKHEAD CONNECTOR CHECK	2	
- 12	1114352	FITTING, 90 DEGREE BULKHEAD	2	
- 13	1142463	ANGLE, BRAKE PIPE CLAMP	2	
- 14	2142464	STRAP, BRAKE PIPE CLAMP	2	
- 15	MS35207-264	SCREW, (ALT PN AN520-10-10)	2	
	MS24621-44	SCREW, (ALT PN AN530-10-12)	2	AE
- 16	6FT	CONNECTOR, (45722)	2	FH
	1203212	COUPLING, LANDING GEAR UPPER BRAKE HOSE	2	A,D
	1116959	CLAMP ASSY, BRAKE HOSE	2	EH,J*
- 17	MS22044N4	NUT	2	
- 18	1143128	WASHER, BRAKE HOSE CLAMP (MAKE FROM S130909S0-24)	1	-
- 18A	AN960-416	WASHER	2	
- 18B	AN4-13A	BOLT	2	
- 19	1116959-2	CLAMP, BRAKE HOSE	1	
- 20	2116966	HOSE ASSY, BRAKE LINE UPPER	1	
	AAF43D2474-6-240	HOSE ASSY	2	A,D
- 21	1203211	ADAPTER, LANDING GEAR UPPER BRAKE HOSE PIPE THREAD	2	EH,J
- 22	AN320-10	NUT	2	EH
- 22A		WASHER, (PN S143908-020S100-063)	2	
- 22B	1113280	BOLT, LANDING GEAR UPPER ATTACH	4	
- 23	MS35266-59	SCREW, (ALT PN AN501A10-4)	2	
- 24	1116955	BOLT, LANDING GEAR OLEO TRUSS ATTACH	4	
- 25	1116954	PLATE, LANDING GEAR OLEO UPPER BOLT LOCKING	4	
- 26	5142820	EXCLUDER ASSY, LANDING GEAR SHOCK ABSORBER DUST NEOPRENE	4	
- 27	5110589	GEAR ASSY, LANDING (SEE FIG. 126 FOR DETAILS)	4	B,D
- 27A	MS20392-5C29	PIN	2	
- 28	AN310-7	NUT	2	
- 28A	AN310-6	NUT	2	
- 29	AN7-20	BOLT	2	
- 29A	AN6-23	BOLT	2	
- 30	1142744	BOLT, HYDRAULIC COMPENSATOR TIE ROD	2	
- 31	AN316-10R	NUT	2	
- 32	2142750	ROD ASSY, HYDRAULIC COMPENSATOR TIE	2	
- 33	MS21044N3	NUT	2	
- 33A	AN310-3	NUT	4	
- 34	AN3-6A	BOLT	2	
- 34A	AN3-24	BOLT	4	
- 35	4142751	BRACE, HYDRAULIC COMPENSATOR BRACKET LH	2	
	4142751-1	BRACE, HYDRAULIC COMPENSATOR BRACKET RH	2	
- 36	1779-10Z	NUT, SPEED (78553)	2	
- 36A	S124682-3FT7063	WASHER	8	
- 36B	MS24621-43	SCREW	28	
- 37	4204951	COVER ASSY, CENTER WING NACELLE DUST	28	
- 38	AN310-7	NUT	2	
- 38A	AN960-716L	WASHER	2	
- 38B	AN960-716	WASHER	2	
- 38C	AN7-23	BOLT	2	
- 39	AN6-23	BOLT	2	
- 40	4142871	BRACKET ASSY, HYDRAULIC COMPENSATOR	2	
- 40A	818-8D	NUT	2	
- 40B	MS20819-8D	SLEEVE	4	
- 40C	AC811-8-8-6JT	TEE	4	
- 41	AAF43D2474-6-154	HOSE ASSY	2	
- 42	AAF811CT6NS	ELBOW	2	
- 43	4189700	CYLINDER ASSY, HYDRAULIC COMPENSATOR (SEE T.O. 1C-1-515) (SEE FIG. 124 FOR DETAILS)	2	
- 44	1209946	FITTING, HYDRAULIC BUNGEE SPECIAL ADAPTER	2	AG
- 45	AN902-6	GASKET	2	AG
- 46	AN924-6D	NUT	2	AG
- 47	AN320-9	NUT	2	
- 47A		WASHER, (PN S143908-018S028-063)	2	
- 47B	S111904-9-3238	BOLT, BEARING	2	
- 48	S111904-9-5198	BOLT, BEARING	2	
- 49	5140045	STRUT ASSY, LANDING GEAR RETRACTING (SEE FIG. 125 FOR DETAILS)	2	
- 50	2114244	PIN ASSY, LANDING GEAR LOCK	2	

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
123				
- 51	2139810	STRIP ASSY, LANDING GEAR UPPER TRUSS RUB	2	
		(ATTACHING PARTS)		
- 51A	MS51957-47	SCREW	2	
- 51B	AN960-8	WASHER	2	
- 51C	MS21044N08	NUT	2	
- 52	AN320-12	NUT	4	
- 52A		WASHER, (PN S143908-030S118-020)	16	
- 52B	1117078	BOLT, LANDING GEAR UPPER TRUSS ATTACH	4	
- 53	5110569	TRUSS ASSY, CHASSIS (ALT PN 5141775)	2	
		(SEE FIG. 127 FOR DETAILS)		
	5141775	TRUSS ASSY, CHASSIS (STAMPED) (SEE FIG. 127 FOR DETAILS)	2	
		A 001, 002 ,026 AND 027		
		B 028 AND 029		
		C 030, 031 AND 558		
		D 003 THRU 025, 057 THRU 068,146 THRU 148 AND 178		
		E 032 THRU 056, 069 THRU 074 AND 555 THRU 557		
		F 075 THRU 145, 149 THRU 172, 179 THRU 279, AND 528 THRU 531		
		G 174, 280 THRU 381 AND 532 THRU 534		
		H 173, 175 THRU 177, 382 THRU 527 AND 535 THRU 554		
		J 028 THRU 031 AND 558		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

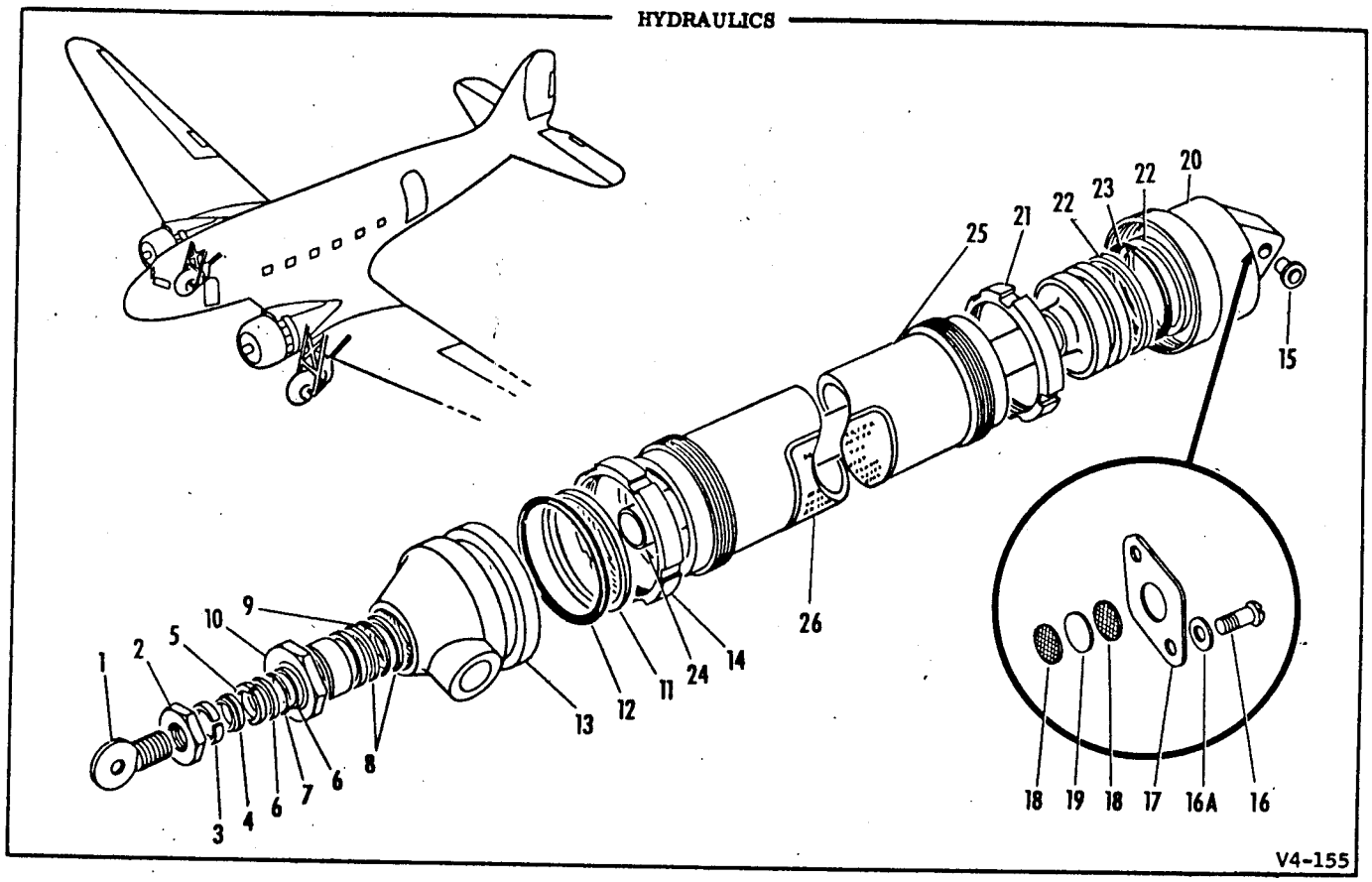

Figure 124. Hydraulic Compensator Cylinder

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
124	4189700	CYLINDER ASSY, HYDRAULIC COMPENSATOR (SEE T.O. 1C-1-515) (SEE FIG. 123 FOR NHA)	REF	
- 1	2189691	EYEBOLT, HYDRAULIC COMPENSATOR	1	
- 2	AN316-10R	NUT	1	
- 3	1188156	RING, HYDRAULIC COMPENSATOR LOCK	1	
- 4	MS28776M2-6	SCRAPER, (ALT PN AN6231A6)	1	
- 5	MS28932-1	STRIP, (ALT PN AN6232-1)	1	
- 6	S4244380-16	RING, PACKING BACKUP LEATHER	1	
- 7	AN6227B16	PACKING, (ALT PN AN6227-16)	2	
- 8	S4244380-18	RING, PACKING BACKUP LEATHER	1	
- 9	AN6227B18	PACKING, (ALT PN AN6227-18)	2	
- 10	2188158	BUSHING, HYDRAULIC COMPENSATOR PACKING	1	
- 11	S4248388-7	RING, PACKING BACKUP LEATHER	1	
- 12	AN6230-7	GASKET	1	
- 13	4188159	CAP, HYDRAULIC COMPENSATOR ROD END	1	
- 14	2188157	NUT, HYDRAULIC COMPENSATOR LOCK	1	
	2189696	CAP ASSY, HYDRAULIC COMPENSATOR MOUNT END	1	
- 15	1189689	BUSHING, HYDRAULIC COMPENSATOR END CAP	1	
- 16	MS35206-225	SCREW, (ALT PN AN515-6R3)	2	
- 16A	MS35337-41	WASHER, (ALT PN AN935-6L)	2	
- 17	1189685	PLATE, BREATHER RETAINER	2	
- 18	1189686	SCREEN, BREATHER	1	
- 19	1189687	FILTER, BREATHER	2	
- 20	4189695	CAP, HYDRAULIC COMPENSATOR MOUNT END	1	
- 21	2188157	NUT, HYDRAULIC COMPENSATOR LOCK	1	
- 22	S4244380-31	RING, PACKING BACKUP LEATHER	1	
- 23	AN6227B31	PACKING, (ALT PN AN6227-31)	2	
- 24	2189699	PISTON ASSY, HYDRAULIC COMPENSATOR	1	
- 25	2189693	CYLINDER, HYDRAULIC COMPENSATOR	1	
- 26	1189684	DECAL, HYDRAULIC COMPENSATOR	1	

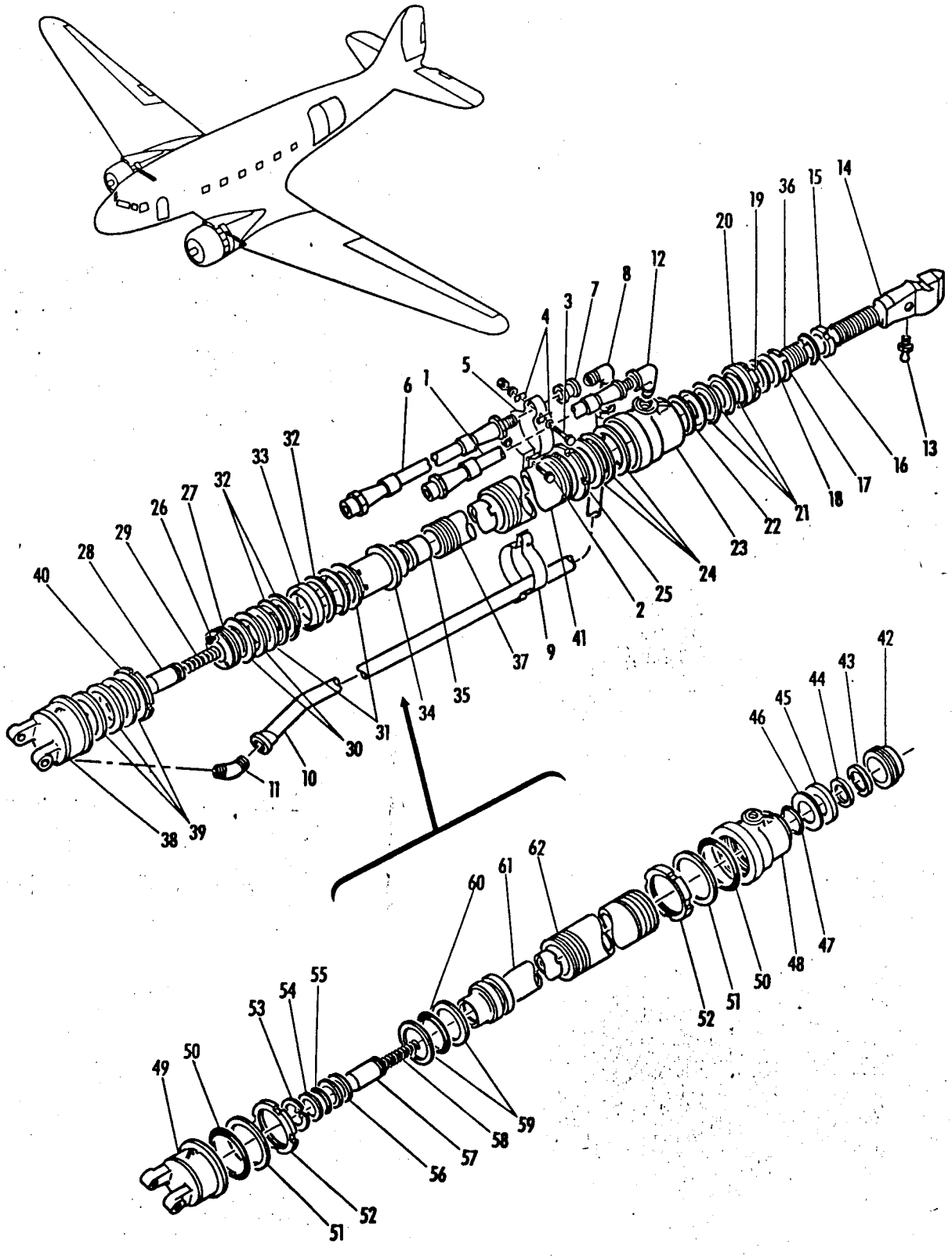

Figure 125. Landing Gear Retracting Strut

V4-304

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
125	5140045	STRUT ASSY, LANDING GEAR RETRACTING (SEE FIG. 123 FOR NHA)	REF	
- 1	2118392-1	HOSE ASSY, RETRACTING STRUT	1	
- 2	AN3-6A	BOLT	1	
	2139369	CLAMP ASSY, RETRACTING STRUT CONNECTOR	1	
- 3	AN3-13A	BOLT	1	
- 4	2139369-2	WASHER, CLAMP (MAKE FROM S130909-024)	2	
- 5	2139369-4	STRAP, RETRACTING STRUT CONNECTOR CLAMP	1	
- 6	2118392-2	HOSE ASSY, RETRACTING STRUT	1	
- 7	1189646	COUPLING, RETRACTING STRUT SPECIAL	1	
- 8	AAF811CT8NS	ELBOW	1	
- 9	1139372	CLAMP, RETRACTING EXTENSION LINE	1	
- 10	2139370-2	PIPE ASSY, RETRACTING STRUT HOSE TO ELBOW	1	A
	2139370-3	PIPE ASSY, RETRACTING STRUT HOSE TO ELBOW	1	B
- 11	AAF811CT45-8NS	ELBOW	1	
	5110586	STRUT ASSY, RETRACTING	1	C
	5209850	STRUT ASSY, O RING RETRACTING	1	D
- 12	AN914-3	ELBOW	1	
- 13	5523	LUBRICATOR ASSY, (36251)	1	
- 14	4112833	EYEBOLT, RETRACTING STRUT END (MAKE FROM 4112832)	1	
		(ALT PN 4203951)		
	4203951	EYEBOLT, RETRACTING STRUT END	1	
- 15	1112830	NUT, RETRACTING STRUT ADJUSTING	1	
- 16	1113433	WASHER, RETRACTING STRUT RING	1	
	2116929	NUT ASSY, RETRACTING STRUT PACKING	1	C
- 17	1116747	SNAPRING, RETRACTING STRUT WIPER	1	C
- 18	1116915	RING, RETRACTING STRUT FELT RETAINER	1	C
- 19	1116916	WIPER, RETRACTING STRUT PISTON	1	C
- 20	1117003	NUT, RETRACTING STRUT PACKING ADJUSTING	1	C
- 21	S5135865-6-116	PACKING, HYDRAULIC CHEVRON	3	C
- 22	S1012954D116-012	RING, END PACKING	1	C
- 23	4116930	HOUSING, LANDING GEAR RETRACTING STRUT PACKING	1	C
		(MAKE FROM 4006286)		
- 24		WASHER, (PN S143908-224SR300-093)	3	C
- 25	1116924	NUT, RETRACTING STRUT HOUSING CHECK	1	C
- 26	1116920	SCREW, RETRACTING STRUT PACKING NUT	1	C
- 27	1116919	NUT, RETRACTING STRUT PISTON PACKING RETAINER	1	C
- 28	1116921	DASHPOT, RETRACTING STRUT PISTON	1	C
- 29	1116922	SPRING, RETRACTING STRUT PISTON DASHPOT	1	C
- 30		WASHER, (PN S143908-126D214-032)	AR	C
		WASHER, (PN S143908-126D124-064)	AR	C
- 31	S1012954D126-012	RING, END PACKING	2	C
- 32	S5135865-6-126	PACKING, HYDRAULIC CHEVRON	4	C
- 33	1116917	SPACER, CONCAVE PACKING (MAKE FROM 140231)	1	C
	2113397	PISTON ASSY, LANDING GEAR RETRACTING STRUT	1	C
- 34	2116928	HEAD, RETRACTING STRUT PISTON	1	C
- 35	1117621	PLUG, RETRACTING STRUT PISTON	1	C
- 36	1112831	SLEEVE, RETRACTING STRUT	1	C
- 37	1117002	ROD, RETRACTING STRUT PISTON	1	C
	5116910	CYLINDER ASSY, LANDING GEAR RETRACTING STRUT	1	C
- 38	4140756	HEAD, RETRACTING STRUT YOKE (MAKE FROM 4140755)	1	C
- 39		WASHER, (PN S143908-224SR300-093)	1	C
- 40	1116924	NUT, RETRACTING STRUT HOUSING CHECK	3	C
- 41	4140786	CYLINDER, RETRACTING STRUT	1	C
- 42	1209848	NUT, O-RING RETAINER LOCKING	1	C
- 43	MS28776M2-17	SCRAPER	1	D
- 44	MS28932-1	STRIP	1	D
- 45	1209857	RETAINER, O-RING PISTON ROD PACKING	1	D
- 46	1188958	RING, SPECIAL PACKING BACKUP LEATHER	1	D
- 47	AN6227B27	PACKING	1	D
- 48	4209980	HOUSING, LANDING GEAR RETRACTING STRUT O-RING	1	D
- 49	4140756	HEAD, RETRACTING STRUT YOKE (MAKE FROM 4140755)	1	D
- 50	AN6227B37	PACKING	2	D
- 51	S4244380-37	RING, PACKING BACKUP LEATHER	2	D
- 52	1209828	NUT, LANDING GEAR O-RING RETRACTING STRUT LOCK	2	D
- 53	MS16625-1143	RING	1	D
- 54	S4244380-22	RING, PACKING BACKUP LEATHER	1	D
- 55	AN6227B22	PACKING	1	D
- 56	1189579	BEARING, O-RING DASHPOT	1	D
- 57	1116921	DASHPOT, RETRACTING STRUT PISTON	1	D
- 58	1116922	SPRING, RETRACTING STRUT PISTON DASHPOT	1	D
- 59	S4244380-33	RING, PACKING BACKUP LEATHER	2	D
- 60	AN6227B33	PACKING	1	D
- 61	4209826	PISTON ASSY, LANDING GEAR O-RING RETRACTING STRUT	1	D
- 62	4209825	CYLINDER, LANDING GEAR O-RING RETRACTING STRUT.	1	D
		A 001 THRU 452, 528 THRU 538 AND 555 THRU 558		
		B 453 THRU 527 AND 539 THRU 554		
		C 001 THRU 403, 528 THRU 536 AND 555 THRU 558		
		D 404 THRU 527 AND 537 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

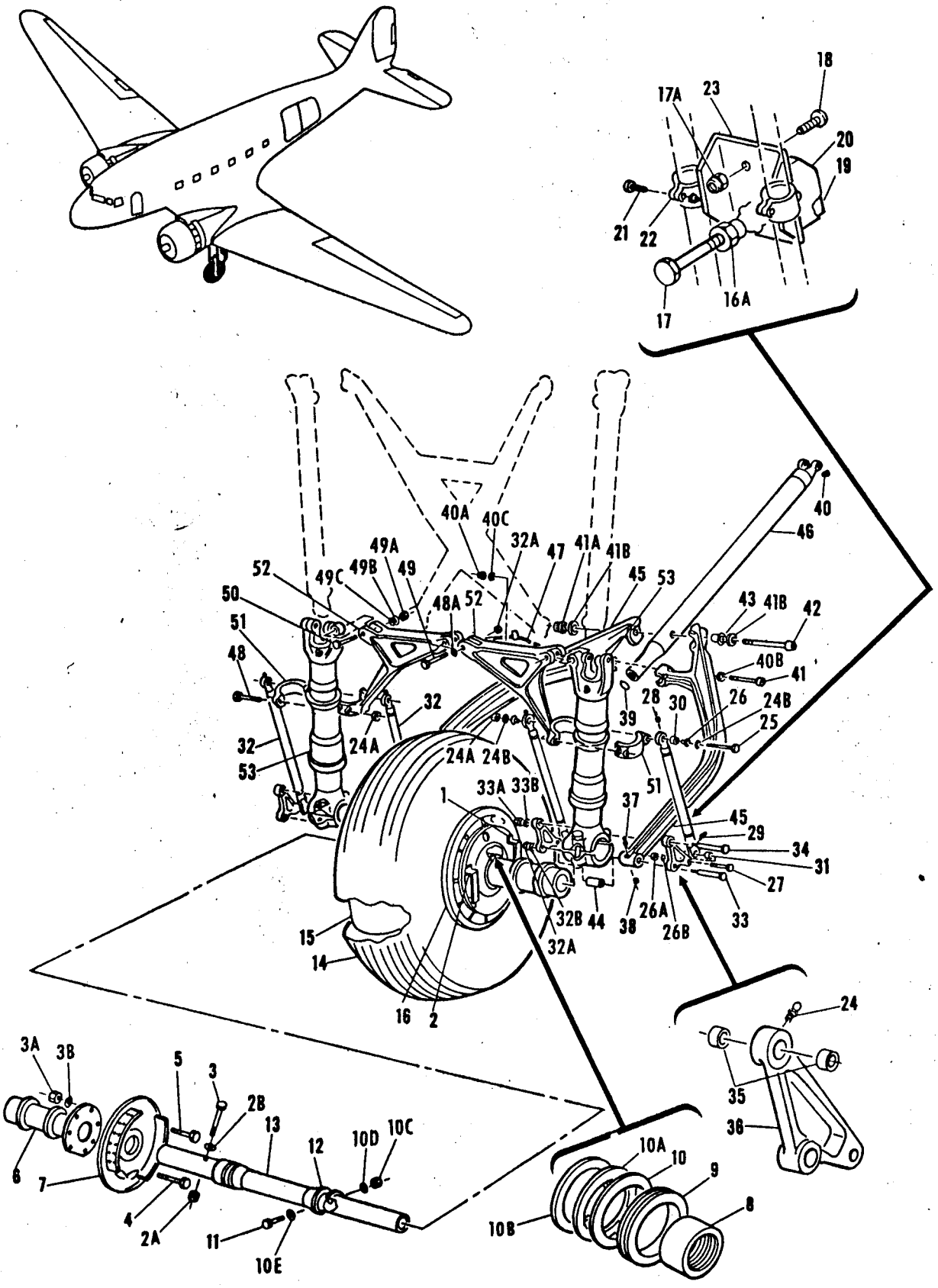

Figure 126. Landing Gear

V4-211

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
126	5110589	GEAR ASSY, LANDING (SEE FIG. 123 FOR NHA)	REF	
	5116415	WHEEL ASSY, LANDING (SPARE PARTS ASSY 1142470) (SEE T.O. 1C-1-616)	1	
- 1	1116593	GUIDE, HYDRAULIC BRAKE HOSE INNER	2	
- 2	1116594	GUIDE, HYDRAULIC BRAKE HOSE OUTER	2	
- 2A	AN310-8	NUT	2	
- 2B		WASHER, (PART NUMBER S143908-016S028-063)	2	
- 3	AN8-36	BOLT	2	
- 3A	AN310-9	NUT	14	
- 3B	MS20002C9	WASHER, (ALT PN NAS143-9)	14	
- 4	AN9-17	BOLT	4	
- 5	AN9-15	BOLT	10	
- 6	5111575	COLLAR ASSY, LANDING GEAR BRAKE TORQUE (ALT PN 5203324)	2	
	5203324	COLLAR ASSY, LANDING GEAR BRAKE TORQUE (MAKE FROM 5203290)	2	
- 7	57584	BRAKE ASSY, (Interchangeable with PN 5/584-2)	2	
	57584-2	BRAKE ASSY (Interchangeable with PN 57584)		
- 8	51023	COLLAR, (06848)	1	
- 9	51226	SCREW, (06848)	1	
- 10	51021	WASHER, (06848)	1	
- 10A	7460981-256	WASHER, (PART NUMBER S143908-300S320-063)	1	
- 10B	7460981-255	WASHER, (PART NUMBER S143908-300S320-032)	1	
	5116596 —	AXLE ASSY, LANDING GEAR DOUBLE BRAKE	1	
- 10C	AN310-4	NUT	1	
- 10D	AN960-416	WASHER	1	
- 10E	1141486	WASHER, LANDING GEAR AXLE	1	
- 11	AN4-11	BOLT	1	
- 12	2117571	RETAINER, LANDING WHEEL BEARING	1	
- 13	5116596-1	TUBE, DOUBLE BRAKE AXLE	1	
- 14	NO NUMBER	TIRE, 45 X 17 X 16 (GFAE)	1	
- 15	NO NUMBER	TUBE, TIRE (GFAE)	1	
- 16	57386PAS	WHEEL ASSY, LANDING GEAR (TYPE B3) (06848)	1	
- 16A	AN316-3R	NUT, (SEE T.O. 1C-47-202)	1	
- 17	46A7986	BOLT, (SEE T.O. 1C-47-202)	1	
- 17A	MS21044N4	NUT, (ALT PN AN365-428) (SEE T.O. 1C-47-202)	6	
- 18	MS35207-280	SCREW, (ALT PN AN520-416-10) (SEE T.O. 1C-47-202)	2	
- 19	MS25383-1	SWITCH, (PER MIL-S-8805/29) (ALT PN AN3216-1) (SEE T.O. 1C-47-202)	1	
- 20	HN03RNE11	HOUSING, MICROSWITCH (SEE T.O. 1C-47-202)	1	
- 21	MS35207-283	SCREW, (ALT PN AN520-416-16) (SEE T.O. 1C-47-202)	4	
- 22	AN741T7P	CLAMP, (SEE T.O. 1C-47-202)	2	
- 23	46D7985	BRACKET, (SEE T.O. 1C-47-202)	1	
- 24	MS15006-3	FITTING, (ALT PN AN286-3)	4	
- 24A	AN310-10	NUT	4	
- 24B		WASHER, (PART NUMBER S143908-020S106-094)	4	
- 25	AN10-45	BOLT	2	
- 26	1116411	BUSHING, LANDING GEAR COMPENSATING ROD	4	
- 26A	AN320-8	NUT	4	
- 26B	S124682-8S14-3	WASHER	4	
- 27	S111904-8-1098	BOLT, BEARING	4	
	2116697	ARM ASSY, LANDING GEAR COMPENSATING	1	
- 28	P46604	LUBRICATOR ASSY, (95879)	1	
- 29	MS15001-3	FITTING, (ALT PN NAS2-201)	1	
- 30	1116708	BUSHING, LANDING GEAR COMPENSATING ARM UPPER END (SIZE ID TO 0.8745/0.87455 ON INSTL)	1	
- 31	1116707	BUSHING, LANDING GEAR COMPENSATING ARM LOWER END (SIZE ID TO 0.4995/0.5005 ON INSTL)	1	

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
126				
- 32	2116697-4	ARM ASSY, LANDING GEAR COMPENSATING (WELDED)	1	
- 32A	AN320-10	NUT	2	
- 32B		WASHER, (PART NUMBER S143908-024S100-094)	2	
- 33	1116409	BOLT, LANDING GEAR REAR BRACE STRUT ATTACH	2	
- 33A	AN320-12	NUT	2	
- 33B	S124682-12S18-6	WASHER	2	
- 34	1116410	BOLT, LANDING GEAR LINK ATTACH	2	
	4116413	LINK ASSY, LANDING GEAR COMPENSATING LH	2	
	4116413-1	LINK ASSY, LANDING GEAR COMPENSATING RH	2	
- 35	1116408	BUSHING, LANDING GEAR COMPENSATING LINK (SIZE ID TO 0.8745/0.8755 ON INSTL)	2	
- 36	4116413-2	LINK, LANDING GEAR COMPENSATING LH (MAKE FROM S4006216-2)	1	
	4116413-3	LINK, LANDING GEAR COMPENSATING RH (MAKE FROM S4006216-2)	1	
	5112599	STRUT ASSY, LANDING GEAR REAR BRACE	1	
- 37	MS15006-4	FITTING, (ALT PN AN286-4)	2	
- 38	AN932-2	PLUG, (ALT PN AAF895-100)	2	
- 39	MS35648-11	PLUG, EXPANSION (73287)	1	
- 40	AN932-5	PLUG, (ALT PN AAF895-103)	1	
- 40A	12B064	NUT, INTERNAL WRENCHING (72962)	4	
- 40B	S1075888-6A	WASHER, HOLLOW HEX HEAD BOLT	4	
- 40C	S1075888-6	WASHER, HOLLOW HEX HEAD BOLT	4	
- 41	S2076906-24	BOLT, HOLLOW HEX HEAD 3/8 X 24	4	
- 41A	12B080	NUT, INTERNAL WRENCHING (72962)	1	
- 41B	AN945-8	WASHER	2	
- 42	S2076908-47	BOLT, HOLLOW HEX HEAD 1/2 X 20	1	
- 43	1113285	BUSHING, LANDING GEAR REAR BRACE STRUT	2	
	5112598	LEG ASSY, LANDING GEAR REAR BRACE STRUT	2	
- 44	1119001	BUSHING, LANDING GEAR REAR BRACE STRUT FITTING (SIZE ID TO 0.7495/0.7505 ON INSTL)	2	
- 45	5112598-2	LEG, LANDING GEAR REAR BRACE STRUT (MAKE FROM 5112597)	2	
- 46	5112594	COLUMN ASSY, LANDING GEAR REAR BRACE STRUT	1	
- 47	2114145-1	PIPE ASSY, LANDING GEAR	1	
- 48	AN10-33	BOLT	2	
- 48A		WASHER, (PART NUMBER S143908-020S100-032)	1	
- 49	S111904-10-206	BOLT, BEARING	1	
- 49A	AN320-14	NUT	2	
- 49B		WASHER, (PART NUMBER S143908-028S110-034)	2	
- 49C		WASHER, (PART NUMBER S143908-028S110-063)	2	
- 50	S111904-14-219	BOLT, BEARING	2	
	5116414	TRUSS ASSY, LANDING GEAR OLEO	2	
- 51	5116414-1	CAP, LANDING GEAR OLEO TRUSS (MAKE FROM S4006321)	1	
- 52	5116414-2	TRUSS, LANDING GEAR OLEO (MAKE FROM S5006266)	1	
- 53	65900	STRUT ASSY, LANDING GEAR SHOCK (06848)	2	A
	5142825	STRUT ASSY, LANDING GEAR SHOCK	2	B
		A 001, 002, 026 THRU 056, 093 THRU 145, 149 THRU 177 AND 179 THRU 558		
		B 003 THRU 025, 057 THRU 092, 146 THRU 148 AND 178		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

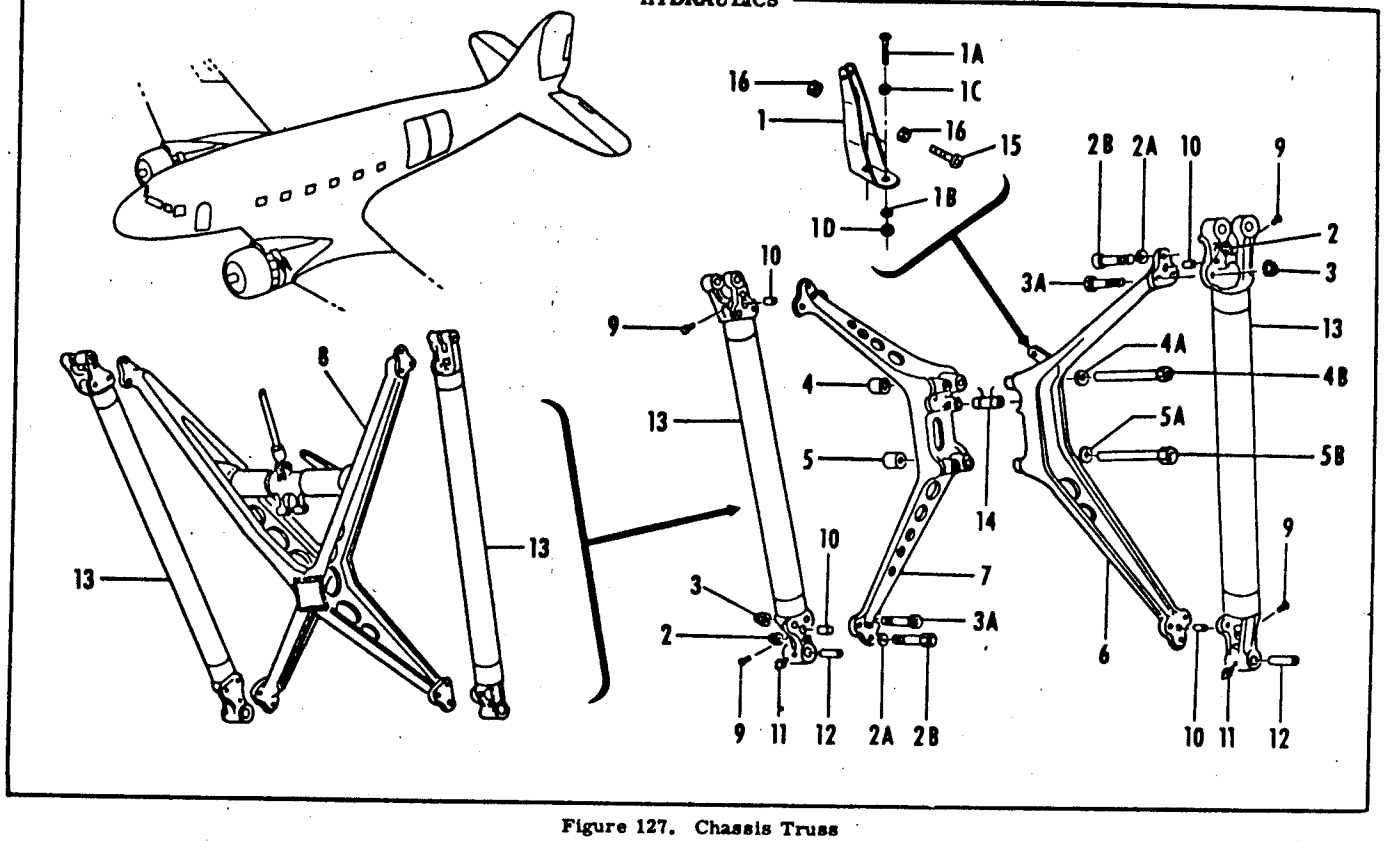

Figure 127. Chassis Truss

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
127	5110569	TRUSS ASSY, CHASSIS (ALT PN 5141775) (SEE FIG. 123 FOR NHA)	REF	
	5141775	TRUSS ASSY, CHASSIS (STAMPED) (SEE FIG. 123 FOR NHA)	REF	
- 1	2115608	BRACKET, LANDING GEAR SIGNAL SWITCH	1	
		(ATTACHING PARTS)		
- 1A	MS35207-284	SCREW, (ALT PN AN520-10-12)	2	
- 1B	AN960-10	WASHER	2	
- 1C	MS35338-43	WASHER, (ALT PN AN935-10)	2	
- 1D	AN345-10	NUT	2	
- 2	MS21044N6	NUT, (ALT PN AN365-624)	4	
- 2A	S1075888-6A	WASHER, HOLLOW HEX HEAD CM STEEL	4	
- 2B	S2076906-14	BOLT, 3/8 X 24 HOLLOW HEX HEAD	4	
- 3	MS21044N8	NUT, (ALT PN AN365-820)	8	
- 3A	AN8-13A	BOLT	8	
- 4	128080	NUT, (72962)	2	
- 4A	S1075888-8A	WASHER, HOLLOW HEX HEAD BOLT CM STEEL	4	
- 4B	NAS148DH-92	BOLT	2	
- 5	128108	NUT, (72962)	2	
- 5A	S1075888-10A	WASHER, HOLLOW HEX HEAD BOLT CM STEEL	2	
- 5B	NAS150DH-94	BOLT	2	
- 6	5113106	BRACE, LANDING GEAR TRUSS LH (ALT PN 5139238)	1	
		(MAKE FROM 5132626)		
	5139238	BRACE, LANDING GEAR TRUSS TAPER WEB (MAKE FROM 5139237)	1	
- 7	5113106-1	BRACE, LANDING GEAR TRUSS RH (ALT PN 5139238-1)	1	
		(MAKE FROM 5132626-1)		
	5139238-1	BRACE, LANDING GEAR TRUSS TAPER WEB (MAKE FROM 5139237-1)	1	
- 8	5141298	BRACE ASSY, LANDING GEAR TRUSS STAMPED	1	
	5113697	STRUT ASSY, LANDING GEAR TRUSS	2	
- 9	MS21318-19	SCREW, (ALT PN AN535-4-2)	2	
- 10	1116706	PIN, LANDING GEAR TRUSS DOWEL	2	
- 11	MS15001-1	FITTING, (ALT PN AN944-101)	1	
- 12	1130534	BUSHING, LANDING GEAR TRUSS STRUT	1	
- 13	5113697-2	STRUT ASSY, LANDING GEAR TRUSS (MAKE FROM 3113696)	1	
- 14	4204011	ADAPTER ASSY, HYDRAULIC COMPENSATOR	1	
- 15	NAS603-24	SCREW,PANHEAD ADJUSTING	1	
- 16	AN121501	NUT, PLAIN	2	

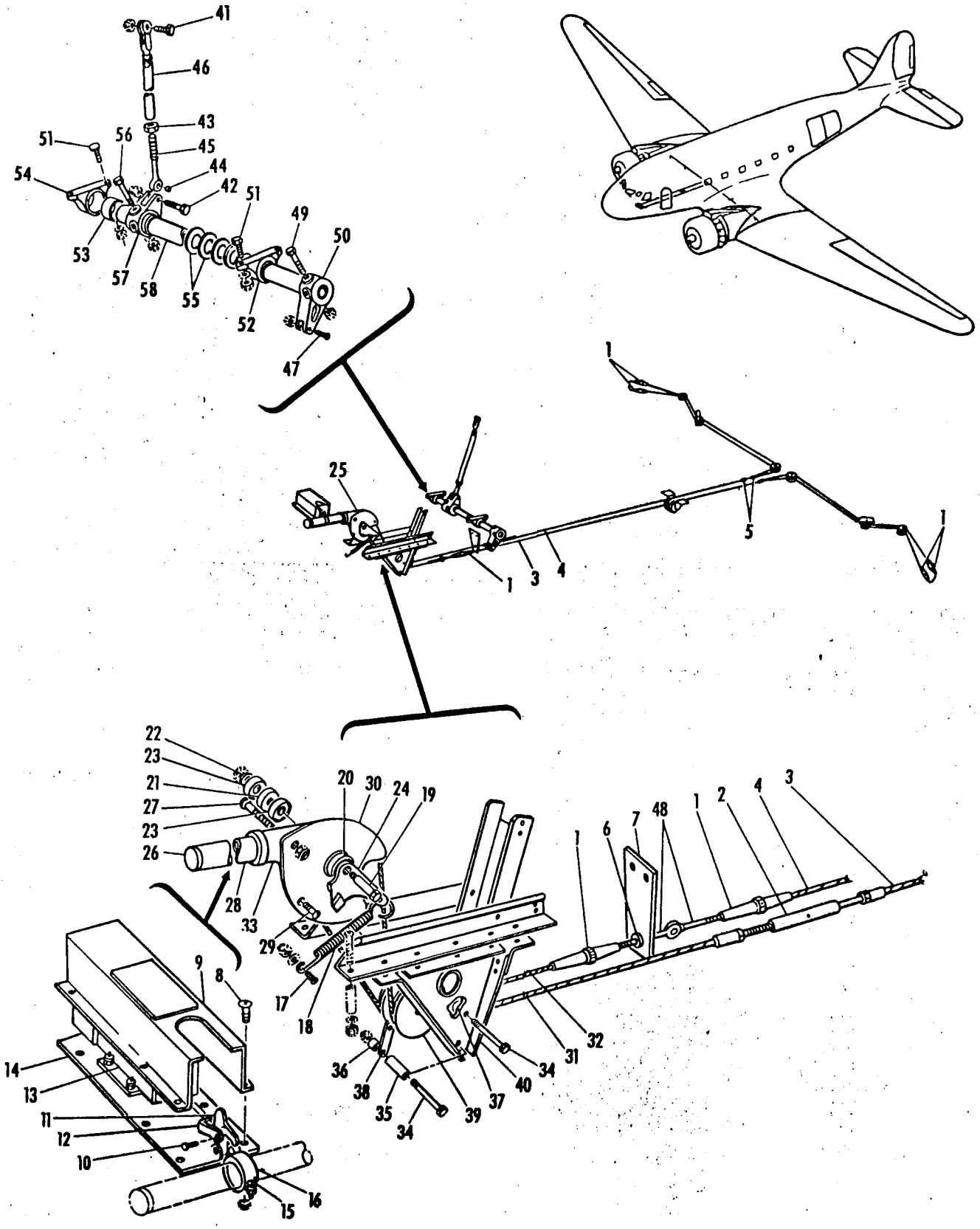

Figure 128. Mechanical Latch

V4-174

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
128	5110570	LATCH INSTL, MECHANICAL (SPARE PARTS ASSY 1141001 AND 1141002)	1	
- 1	MS21251B2S	BARREL, (ALT PN AN155-8S)	6	
- 2	1139505	BARREL, LATCH RAISING CABLE SPECIAL TURNBUCKLE	1	
- 3	2117032-1	CABLE ASSY, LANDING GEAR LATCH CONTROL	1	
- 4	2117032-4	CABLE ASSY, LANDING GEAR LATCH CONTROL	1	
- 5	28-2G	SLEEVE, LANDING GEAR LATCH CONTROL (76691)	2	
- 6	S1110293	GROMMET, ENGINE CONTROL FAIRLEAD	1	
- 7	1117040	FAIRLEAD, MECHANICAL LATCH CONTROL CABLE	1	
- 8	MS35206-246	SCREW, (ALT PN AN515-8R10) (SEE T.O. 1C-47-202)	7	
	MS21044N08	NUT, (ALT PN AN365-832) (SEE T.O. 1C-47-202)	7	
- 9	46B7988	COVER, (SEE T.O. 1C-47-202)	1	
- 10	MS20392-1C13	PIN, (ALT PN AN392-13) (SEE T.O. 1C-47-202)	2	
	AN315-3R	NUT, (SEE T.O. 1C-47-202)	2	
- 11	46A7992	CATCH, (SEE T.O. 1C-47-202)	1	
- 12	46A7991	CLIP, (SEE T.O. 1C-47-202)	1	
	MS35207-259	SCREW, (ALT PN AN520-10-4) (SEE T.O. 1C-47-202)	4	
	MS35338-43	WASHER, (ALT PN AN935-10) (SEE T.O. 1C-47-202)	4	
- 13	13019	SOLENOID ASSY, (76033) (SEE T.O. 1C-47-202)	1	
- 14	46B7989	BASE, (SEE T.O. 1C-47-202)	1	
- 15	MS35207-264	SCREW, (ALT PN AN520-10R10) (SEE T.O. 1C-47-202)	1	
	MS21044N3	NUT, (ALT PN AN365-1032) (SEE T.O. 1C-47-202)	1	
- 16	46A7990	STOP, (SEE T.O. 1C-47-202)	1	
- 17	MS35207-261	SCREW, (ALT PN AN520-10R6)	1	
	AN960D10	WASHER	1	
	MS21044D3	NUT, (ALT PN AN365D1032)	1	
- 18	1117045	SPRING, LANDING GEAR MECHANICAL LATCH HANDLE BUNGEE	1	
- 19	1117059	BOLT, LANDING GEAR LATCH HANDLE	1	
- 20	1117060	SPACER, LANDING GEAR LATCH HANDLE BUNGEE STOP	1	
- 21	1117039	SPACER, LANDING GEAR MECHANICAL LATCH HANDLE BEARING	1	
- 22	S124682-6D12-020	WASHER	1	
	AN320-5	NUT	1	
- 23	K6A	BEARING, (21335)	2	
- 24	1117044	STOP ASSY, LANDING GEAR LATCH HANDLE BUNGEE	1	
- 25	2117377	HANDLE ASSY, LANDING GEAR LATCH	1	
- 26	1117374	END, LANDING GEAR LATCH HANDLE	1	
- 27	MS35206-236	SCREW, (ALT PN AN515-6R24)	1	
	MS21044D06	NUT, (ALT PN AN365D632)	1	
- 28	2117377-2	TUBE, LANDING GEAR LATCH	1	
- 29	MS35206-226	SCREW, (ALT PN AN515-6R4)	3	
	MS35337-41	WASHER, (ALT PN AN935-6L)	3	
- 30	1117375	COVER, LANDING GEAR LATCH HANDLE SHEAVE (DRILL ON INSTL)	1	
- 31	1117031-1	CABLE ASSY, LANDING GEAR LATCH HANDLE OPERATING	1	
- 32	1117031-3	CABLE ASSY, LANDING GEAR LATCH HANDLE OPERATING	1	
- 33	4117379	SHEAVE, LANDING GEAR LATCH HANDLE (MAKE FROM S2008391) (DRILL ON INSTL)	1	
- 34	AN3-16	BOLT	2	
- 35	S138275-6-57	SPACER	1	
- 36	S138275-6-19	SPACER	1	
- 37	S138275-6-38	SPACER	1	
	AN310-3	NUT	2	
- 38	1117043	LINK, LANDING GEAR LATCH PULLEY BRACKET STIFFENING	1	
- 39	MS24566-2B	PULLEY, (ALT PN AN210-2B)	2	
- 40	4117071	BRACKET ASSY, LANDING GEAR LATCH CABLE FORWARD PULLEY	1	
- 41	AN4-7	BOLT	1	
- 42	AN4-13	BOLT	1	
	AN310-4	NUT	2	
- 43	AN315-6R	NUT	1	
	1117080	EYEBOLT ASSY, LANDING GEAR LATCH CONNECTING ROD	1	
- 44	1117080-2	BUSHING, EYEBOLT (MAKE FROM A304-2 (70417))	1	
- 45	1117080-1	EYEBOLT, LATCH CONNECTING ROD	1	
- 46	2117068	ROD ASSY, LANDING GEAR LATCH CONNECTING	1	
- 47	AN23-14	BOLT	1	
	AN310-3	NUT	1	
- 48	MS21254-2RS	EYE, (ALT PN AN165-8S)	2	
- 49	AN3-14A	BOLT	2	
	AN960-10	WASHER	2	
	MS21044N3	NUT, (ALT PN AN365-1032)	2	
- 50	1117041	ARM, LANDING GEAR LATCH TORQUE (MAKE FROM 1008389)	1	
- 51	AN3-4A	BOLT	4	
	AN960-10	WASHER	4	
	MS21044N3	NUT, (ALT PN AN365-1032)	4	
- 52	1117042	BEARING ASSY, LANDING GEAR LATCH TORQUE TUBE	2	
- 53	1117042-2	BUSHING, LATCH TORQUE TUBE (MAKE FROM A838-4 (70417)) (SIZE ID TO 0.7495/0.7505 ON INSTL)	1	
- 54	1117042-1	HOUSING, LATCH TORQUE TUBE	1	
- 55		WASHER, (PN S143908-025D100-032)	2	
		WASHER, (PN S143908-025D100-064)	1	
		WASHER, (PN S143908-025D100-125)	1	
	2117067	TUBE ASSY, LANDING GEAR LATCH TORQUE	1	
- 56	AN3-16A	BOLT	2	
	AN960-10	WASHER	2	
	MS21044N3	NUT, (ALT PN AN365-1032)	2	
- 57	1131255	LEVER, LANDING GEAR MECHANICAL LATCH TORQUE TUBE	1	
- 58	2131256	TUBE, LANDING GEAR MECHANICAL LATCH TORQUE	1	

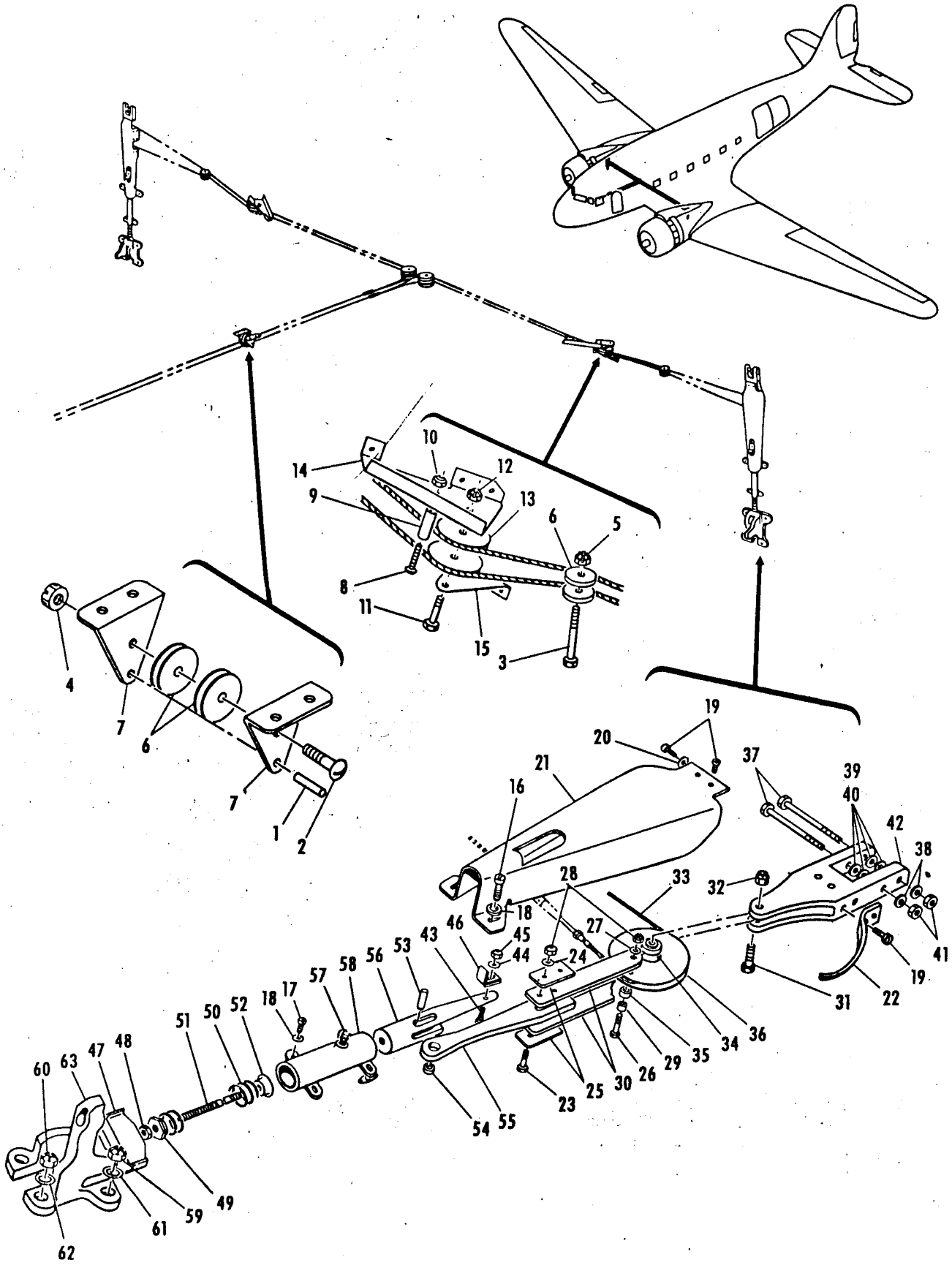

Figure 129. Mechanical Latch

V4-172

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
129	5110570	LATCH INSTL, MECHANICAL (SPARE PARTS ASSY 4141000 AND 4141000-1)	1	
- 1	NAS427K023A	PIN, PULLEY GUARD (ALT PN S143358-023A)	1	
- 2	AN23-16	BOLT	1	
- 3	AN3-30	BOLT	2	
- 4	AN320-3	NUT	1	
- 5	AN310-3	NUT	2	
- 6	MS24566-1B	PULLEY, (ALT PN AN210-1A)	6	
- 7	1139279	BRACKET, MECHANICAL LATCH CABLE PULLEY STA 177	2	
- 8	MS35207-267	BOLT, (ALT PN AN520-10-16)	2	
- 9	NAS43DD3-20	SPACER, (ALT PN S117425-3D020)	2	
- 10	MS21044D3	NUT, (ALT PN AN365D1032)	2	
- 11	AN3-10	BOLT	2	
- 12	AN310-3	NUT	2	
- 13	MS24566-2B	PULLEY, (ALT PN AN210-2A)	12	
- 14	2117069	BRACKET, LANDING GEAR LATCH OUTER PULLEY UPPER LH	1	
	2117069-1	BRACKET, LANDING GEAR LATCH OUTER PULLEY UPPER RH	1	
- 15	2117070	BRACKET, LANDING GEAR LATCH OUTER PULLEY LOWER LH	1	
	2117070-1	BRACKET, LANDING GEAR LATCH OUTER PULLEY LOWER RH	1	
- 16	MS35266-63	SCREW, (ALT PN AN501-10-8)	4	
- 17	MS35266-60	SCREW, (ALT PN AN501A10-5)	4	
- 18	AN960-10L	WASHER	8	
- 19	MS35265-42	SCREW, (ALT PN AN500A8-5)	10	
- 20	AN940D8	WASHER	2	
- 21	5117072	COVER ASSY, LANDING GEAR MECHANICAL LATCH LH	1	
	5117072-1	COVER ASSY, LANDING GEAR MECHANICAL LATCH RH	1	
- 22	1117054	GUARD, LANDING GEAR MECHANICAL LATCH PULLEY	2	
- 23	AN3-7A	BOLT	4	
- 24	AN960-10	WASHER	4	
- 25	1117047	SHIM, LANDING GEAR LATCH ARM	4	
- 26	AN3-7	BOLT	2	
- 27	S124682-3D7-032	WASHER	4	
- 28	AN310-3	NUT	4	
- 29	1117046	BUSHING, LANDING GEAR MECHANICAL LATCH PULLEY LINK SPACER	2	
- 30	1117050	LINK, LANDING GEAR MECHANICAL LATCH (DRILL ON INSTL)	4	
- 31	AN3-10	BOLT	2	
- 32	AN310-3	NUT	2	
	2117376	PULLEY ASSY, LANDING GEAR LATCH OPERATING	2	
- 33	1117033	CABLE ASSY, LANDING GEAR MECHANICAL LATCH OPERATING	2	
	2117378	PULLEY ASSY, LANDING GEAR LATCH	1	
- 34	MS20200K3	BEARING, (ALT PN AN200K3)	1	
- 35	A304-26	BUSHING, OILITE (70417)	1	
- 36	2117378-2	PULLEY, LANDING GEAR LATCH	1	
- 37	AN3-21A	BOLT	4	
- 38	AN960-10	WASHER	4	
- 39	AN960-10L	WASHER	4	
- 40	AN960D10L	WASHER, (ALT PN AN960A10L)	4	
- 41	MS21044N3	NUT, (ALT PN AN365-1032)	4	
- 42	2117066	BRACKET, LANDING GEAR MECHANICAL LATCH LH (MAKE FROM S2002538) (DRILL ON INSTL)	1	
	2117066-1	BRACKET, LANDING GEAR MECHANICAL LATCH RH (MAKE FROM S2002538) (DRILL ON INSTL)	1	
- 43	AN3-5A	BOLT	2	
- 44	AN960-10	WASHER	2	
- 45	MS21044N3	NUT, (ALT PN AN365-1032)	2	
- 46	1117053	TRIP ASSY, LANDING GEAR MECHANICAL LATCH SIGNAL	2	
- 47	2114381	LATCH, LANDING GEAR SAFETY DEVICE	2	
- 48	AN316-4	NUT	2	
- 49	1130820	NUT, LANDING GEAR MECHANICAL LATCH	2	
- 50	1117056	SPRING, LANDING GEAR MECHANICAL LATCH	2	
- 51	1117052	ROD, LANDING GEAR MECHANICAL LATCH	2	
- 52	1117048	RETAINER, LANDING GEAR MECHANICAL LATCH GREASE	2	
- 53	1117051	PIN, LANDING GEAR MECHANICAL LATCH	2	
	1117049	ARM ASSY, LANDING GEAR MECHANICAL LATCH	2	
- 54	S116500-5C008	BUSHING	1	
- 55	1117049-1	ARM, LANDING GEAR MECHANICAL LATCH	1	
- 56	2117065	PISTON ASSY, LANDING GEAR MECHANICAL LATCH	2	
	2114600	CYLINDER ASSY, LANDING GEAR MECHANICAL LATCH	2	
- 57	MS15002-3	FITTING, (ALT PN NAS2-201A)	1	
- 58	2114600-2	GUIDE, LANDING GEAR MECHANICAL LATCH CYLINDER	1	
- 59	AN310-7	NUT	4	
- 60	AN310-6	NUT	4	
- 61		WASHER, (S143908-014S030-125)	4	
- 62		WASHER, (S143908-012S028-125)	4	
- 63	5114203	GUIDE, LANDING GEAR LATCH (MAKE FROM 5114049)	2	

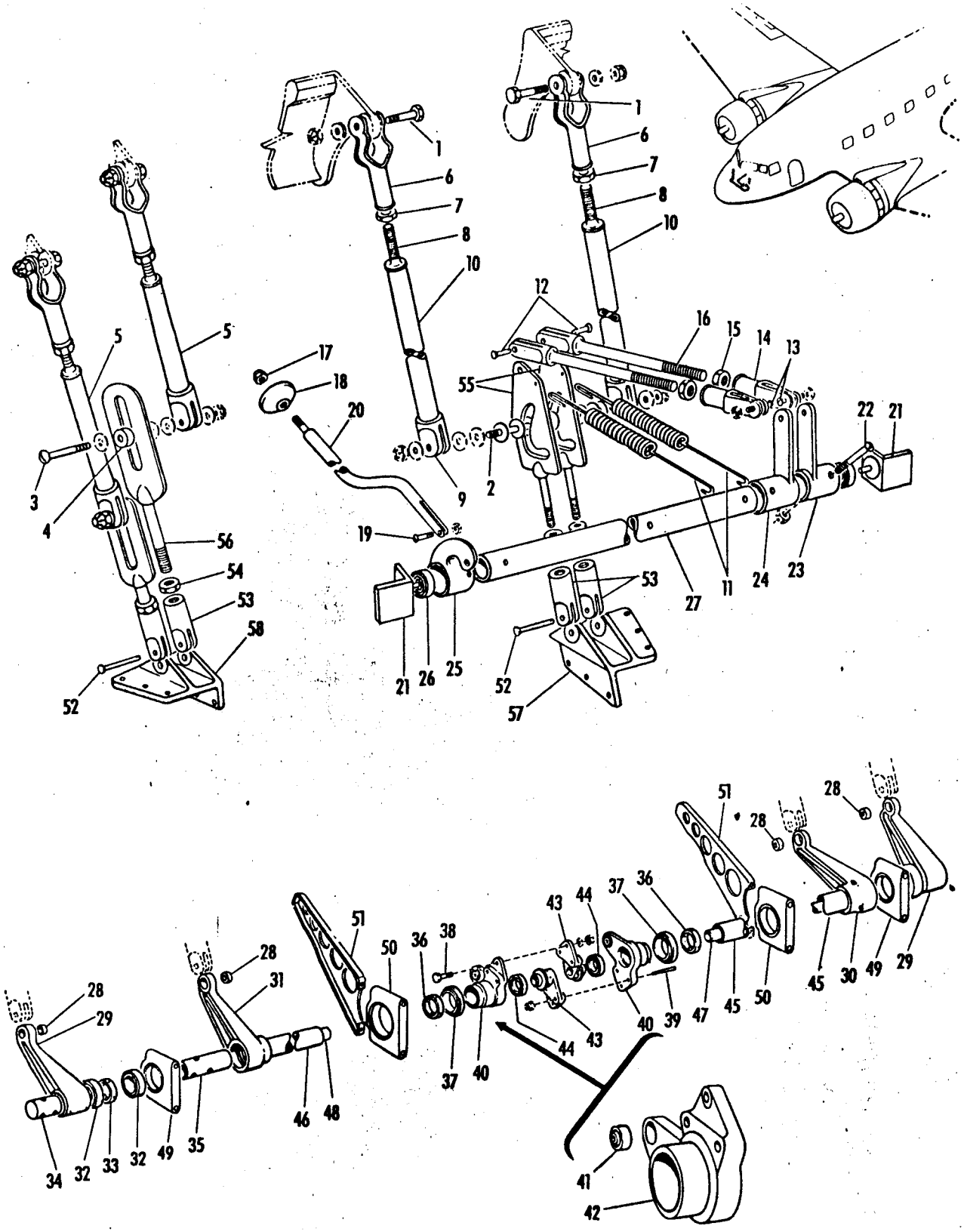

Figure 130. Brake Linkage and Torque Tube

V4-292

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
130		BRAKE LINKAGE AND TORQUE TUBE		
	5110547	CONTROL INSTL, FUSELAGE FLIGHT (SEE FIG. 16 FOR NHA)	REF	A
	5189195	CONTROL INSTL, FUSELAGE FLIGHT (SEE FIG. 16 FOR NHA)	REF	B
- 1	AN3-10	BOLT	4	
- 2	AN24-22	BOLT	2	
- 3	AN24-24	BOLT	2	
- 4	1139420	BUSHING, BRAKE TORQUE TUBE LOCK STOP	4	
- 5	1118475	ROD ASSY, RUDDER PEDAL BRAKE	4	
- 6	1118475-2	CLEVIS, RUDDER PEDAL BRAKE ROD (MAKE FROM MS27975-3)	1	
- 7	AN316-4R	NUT	1	
- 8	AN490HT8P	END, (ALT PN AN490-8P)	1	
- 9	S1005306	CLEVIS, BRAKE TOE PEDAL PUSH ROD	1	
- 10	1118475-1	TUBE	1	
- 11	1118476	SPRING, PARKING BRAKE STOP PLATE	2	
- 12	MS20392-2C9	PIN, (ALT PN AN393-9)	2	
- 13	AN23-10	BOLT	2	
	1118285	ROD ASSY, PARKING BRAKE LOCKING	2	
- 14	MS27975-4	CLEVIS, (ALT PN AN486-4)	1	
- 15	AN316-4R	NUT	1	
- 16	1118285-1	ROD, PARKING BRAKE LOCKING	1	
- 17	COML	NUT, ACORN 1/4 X 28	1	
- 18	1118286	HANDLE, PARKING BRAKE CONTROL	1	
- 19	AN23-9	BOLT	1	
- 20	2118312	ROD ASSY, PARKING BRAKE CONTROL	1	
- 21	1118287	BEARING, PARKING BRAKE TORQUE SHAFT	2	
- 22	AN23-21	BOLT	3	
- 23	1118284	ARM, PARKING BRAKE ROD OPERATING LH (MAKE FROM 1130551)	1	
- 24	1118284-1	ARM, PARKING BRAKE ROD OPERATING RH (MAKE FROM 1130551-1)	1	
- 25	1118288	ARM, PARKING BRAKE TORQUE SHAFT (MAKE FROM 1130460)	1	
	3118298	SHAFT, PARKING BRAKE TORQUE	1	
- 26	MS200KP3	BEARING, (ALT PN AN200K3)	2	
- 27	3118298-1	SHAFT, PARKING BRAKE TORQUE	1	
	5116804	TUBE ASSY, BRAKE TORQUE	1	
	2118572	ARM ASSY, OUTBOARD BRAKE PEDAL TORQUE TUBE OPERATING	2	
	2116799	ARM ASSY, INBOARD BRAKE PEDAL TORQUE TUBE OPERATING LH	1	
	2116799-1	ARM ASSY, INBOARD BRAKE PEDAL TORQUE TUBE OPERATING RH	1	
- 28	MS20201KP4A	BEARING, (ALT PN KC4 (21335))	1	
- 29	2118572-1	ARM, TORQUE TUBE OPERATING (MAKE FROM S2005323-1)	1	
- 30	2116799-2	ARM, TORQUE TUBE OPERATING LH (MAKE FROM S2005322-2)	1	
- 31	2116799-3	ARM, TORQUE TUBE OPERATING RH (MAKE FROM S2005322-3)	1	
- 32	B541	BEARING, TORQUE TUBE (21335) (ALT PN A541 (21335))	4	
- 33	1116780	COLLAR, BRAKE TORQUE TUBE OUTER BEARING	2	
- 34	5116804-6	PLUG, BRAKE TORQUE TUBE	2	
- 35	1118277	SLEEVE, BRAKE PEDAL TORQUE TUBE ARM	2	
- 36	1116781	COLLAR, BRAKE TORQUE TUBE INNER BEARING	2	
- 37	B543	BEARING, TORQUE TUBE (21335) (ALT PN A543 (21335))	2	
- 38	AN3-7A	BOLT	2	
- 39	S124604-2-16	PIN, SPECIAL THREADED TAPER	4	
- 40	2118571	ARM ASSY, BRAKE CYLINDER OPERATING	2	
- 41	MS20200K3L	BEARING, (ALT PN AN200K3L)	1	
- 42	2118571-1	ARM, BRAKE CYLINDER OPERATING (MAKE FROM S2005545-1)	1	
- 43	2118307	UNION, BRAKE TORQUE TUBE CONNECTING	2	
- 44	B541	BEARING, TORQUE TUBE (21335) (ALT PN A541 (21335))	2	
- 45	5116804-2	TUBE, BRAKE TORQUE OUTER LH	1	
- 46	5116804-1	TUBE, BRAKE TORQUE OUTER RH	1	
- 47	5116804-4	TUBE, BRAKE TORQUE INNER LH	1	
- 48	5116804-3	TUBE, BRAKE TORQUE INNER RH	1	
- 49	1118276	BEARING ASSY, BRAKE TORQUE TUBE OUTER	2	
	1118276-1	BASE, OUTER BEARING (MAKE FROM S1005353-1)	1	
	1118276-2	CAP, OUTER BEARING (MAKE FROM S1005353-2)	1	
- 50	2118305	BEARING ASSY, BRAKE TORQUE TUBE CENTER	2	
	2118305-1	BASE, CENTER BEARING (MAKE FROM S2005355-1)	1	
	2118305-2	CAP, CENTER BEARING (MAKE FROM S2005355-2)	1	
- 51	4118318	BRACE, BRAKE TORQUE TUBE	2	
- 52	MS20392-2C41	PIN, (ALT PN AN393-41)	2	
	2118313	STOP ASSY, BRAKE TORQUE TUBE LOCK	2	
	2118309	STOP ASSY, BRAKE TORQUE TUBE	2	
- 53	S1005593	CLEVIS, BRAKE TORQUE TUBE STOP	1	
- 54	AN316-5R	NUT	1	
- 55	2118313-2	PLATE, BRAKE TORQUE TUBE LOCK STOP (MAKE FROM 2130458)	1	
- 56	2118309-2	PLATE, BRAKE TORQUE TUBE STOP (MAKE FROM 2130459)	1	
- 57	2118308	SUPPORT, BRAKE TORQUE TUBE STOP LH (MAKE FROM S2005594)	1	
- 58	2118308-1	SUPPORT, BRAKE TORQUE TUBE STOP RH (MAKE FROM S2005594-1)	1	
		A 001 THRU 541 AND 555 THRU 558		
		B 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

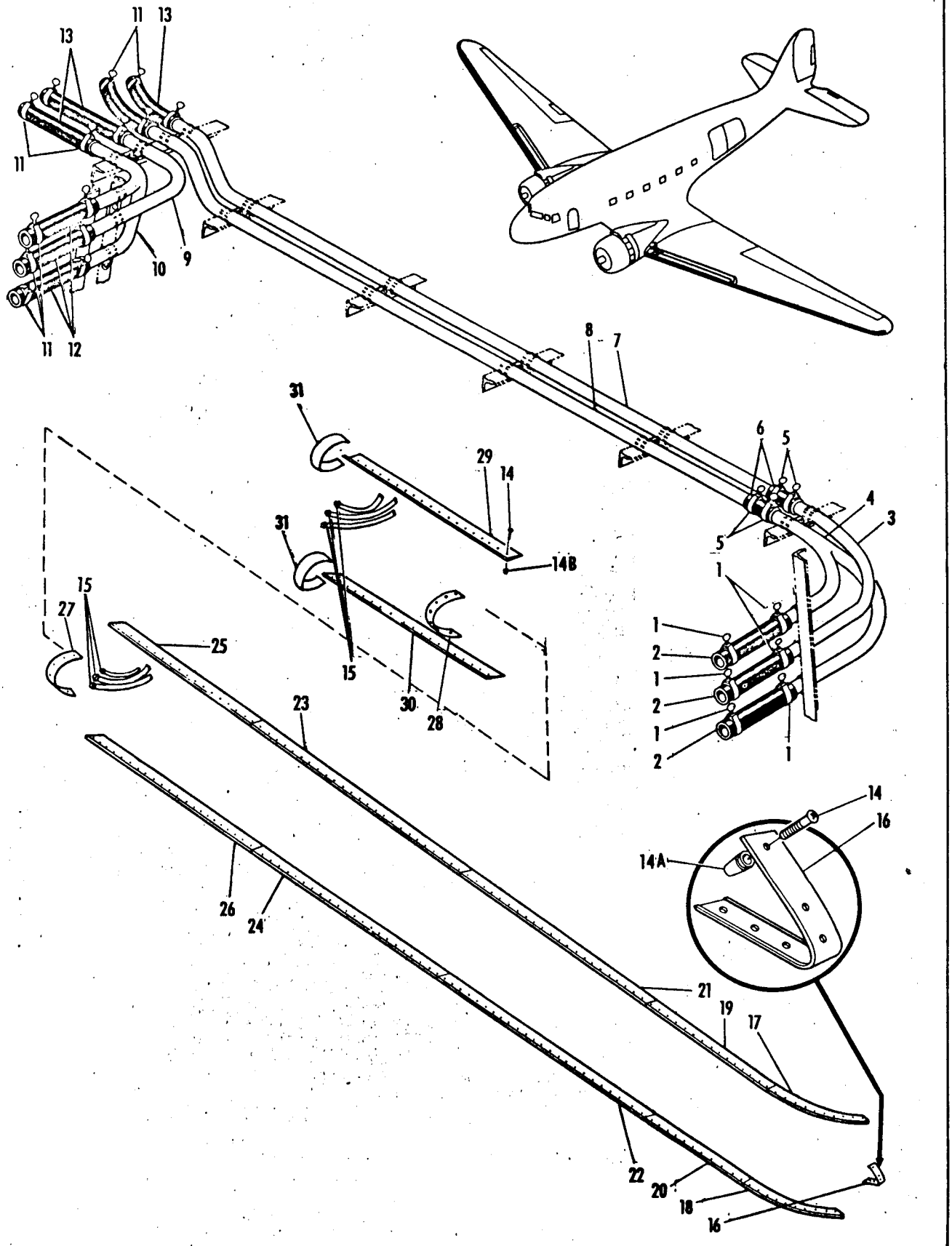

Figure 131. Outer Wing Deicer System

V4-129

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
131	5110502	SYSTEM INSTL, OUTER WING DEICER LH (SEE FIG. 2 FOR NHA)	REF	
	5110502-1	SYSTEM INSTL, OUTER WING DEICER RH (SEE FIG. 2 FOR NHA)	REF	
- 1	NAS397-14	CLAMP, (ALT PN A3122-14-59 (78553))	6	
- 2	1116018-1	HOSE, DEICER TUBE CONNECTOR	3	
- 3	5112580-11	PIPE ASSY, DEICER HOSE TO HOSE LH	1	
	5112580-2	PIPE ASSY, DEICER HOSE TO HOSE RH	1	
- 4	5112580-12	PIPE ASSY, DEICER HOSE TO HOSE LH	1	
	5112580-1	PIPE ASSY, DEICER HOSE TO HOSE RH	1	
- 5	NAS397-16	CLAMP, (ALT PN A3122-16-59 (78553))	4	
- 6	AN884-10-12	HOSE	2	
- 7	5112580-9	PIPE ASSY, OUTER WING DEICER HOSE TO NACELLE HOSE LH	1	
	5112580-3	PIPE ASSY, OUTER WING DEICER HOSE TO NACELLE HOSE RH	1	
- 8	5112580-10	PIPE ASSY, OUTER WING DEICER HOSE TO NACELLE HOSE LH	1	
	5112580-4	PIPE ASSY, OUTER WING DEICER HOSE TO NACELLE HOSE RH	1	
- 9	5112580-8	PIPE ASSY, DEICER HOSE TO HOSE LH	1	
	5112580-6	PIPE ASSY, DEICER HOSE TO HOSE RH	1	
- 10	5112580-7	PIPE ASSY, DEICER HOSE TO HOSE LH	1	
	5112580-5	PIPE ASSY, DEICER HOSE TO HOSE RH	1	
- 11	NAS397-14	CLAMP, (ALT PN A3122-14-59 (78553))	14	
- 12	1116018-2	HOSE, DEICER TUBE CONNECTOR	3	
- 13	1116018-3	HOSE, DEICER TUBE CONNECTOR	4	
	5115228	SHOE INSTL, OUTER WING DEICER	1	
- 14	S1029421-6-8	SCREW	882	
- 14A	B221-6-89	RIVNUT, (Z5472)	854	
- 14B	B221-6-124	RIVNUT, (Z5472)	28	
- 15	S1033774-16-047	GROMMET, WATERTIGHT RUBBER (FOR SUMMER OPERATION)	12	
- 16	2116336	STRIP, WING TIP DEICER SHOE FAIRING	2	
- 17	4117643	STRIP, WING TIP DEICER UPPER FAIRING LH	1	
	4117643-1	STRIP, WING TIP DEICER UPPER FAIRING RH	1	
- 18	4116338	STRIP, WING TIP DEICER LOWER FAIRING LH	1	
	4116338-1	STRIP, WING TIP DEICER LOWER FAIRING RH	1	
- 19	4117294-56	STRIP, DEICER SHOE FAIRING UPPER LH (MAKE FROM S1105759-5324)	1	
	4117294-55	STRIP, DEICER SHOE FAIRING UPPER RH (MAKE FROM S1105759-5324)	1	
- 20	4117294-54	STRIP, DEICER SHOE FAIRING LOWER LH (MAKE FROM S1105759-5324)	1	
	4117294-53	STRIP, DEICER SHOE FAIRING LOWER RH (MAKE FROM S1105759-5324)	1	
- 21	4117294-40	STRIP, DEICER SHOE FAIRING UPPER LH (MAKE FROM S1105759-8620)	1	
	4117294-39	STRIP, DEICER SHOE FAIRING UPPER RH (MAKE FROM S1105759-8516)	1	
- 22	4117294-38	STRIP, DEICER SHOE FAIRING LOWER LH (MAKE FROM S1105759-8524)	1	
	4117294-37	STRIP, DEICER SHOE FAIRING LOWER RH (MAKE FROM S1105759-8520)	1	
- 23	4117294-64	STRIP, DEICER SHOE FAIRING UPPER LH (MAKE FROM S1105759-8704)	1	
	4117294-63	STRIP, DEICER SHOE FAIRING UPPER RH (MAKE FROM S1105759-8716)	1	
- 24	4117294-62	STRIP, DEICER SHOE FAIRING LOWER LH (MAKE FROM S1105759-8712)	1	
	4117294-61	STRIP, DEICER SHOE FAIRING LOWER RH (MAKE FROM S1105759-8712)	1	
- 25	4117294-60	STRIP, DEICER SHOE FAIRING UPPER LH (MAKE FROM S1105759-8724)	1	
	4117294-59	STRIP, DEICER SHOE FAIRING UPPER RH (MAKE FROM S1105759-8612)	1	
- 26	4117294-58	STRIP, DEICER SHOE FAIRING LOWER LH (MAKE FROM S1105759-8616)	1	
	4117294-57	STRIP, DEICER SHOE FAIRING LOWER RH (MAKE FROM S1105759-8528)	1	
- 27	4117295-8	STRIP, LANDING LIGHT DEICER END TIEDOWN OUTBOARD LH	1	
	4117295-2	STRIP, LANDING LIGHT DEICER END TIEDOWN OUTBOARD RH	1	
- 28	4117295-6	STRIP, LANDING LIGHT DEICER END TIEDOWN INBOARD LH	1	
	4117295-4	STRIP, LANDING LIGHT DEICER END TIEDOWN INBOARD RH	1	
- 29	4117294-44	STRIP, DEICER SHOE FAIRING UPPER LH (MAKE FROM S1105759-7200)	1	
	4117294-43	STRIP, DEICER SHOE FAIRING UPPER RH (MAKE FROM S1105759-7124)	1	
- 30	4117294-42	STRIP, DEICER SHOE FAIRING LOWER LH (MAKE FROM S1105759-7328)	1	
	4117294-41	STRIP, DEICER SHOE FAIRING LOWER RH (MAKE FROM S1105759-7324)	1	
- 31	67F46225-01	STRIP, DEICER SHOE INBOARD TIE DOWN, LH (FM in accordance with T.O. 1C-47-2)	1	
	67F46225-02	STRIP, DEICER SHOE INBOARD TIE DOWN, RH (FM in accordance with T.O. 1C-47-2)	1	

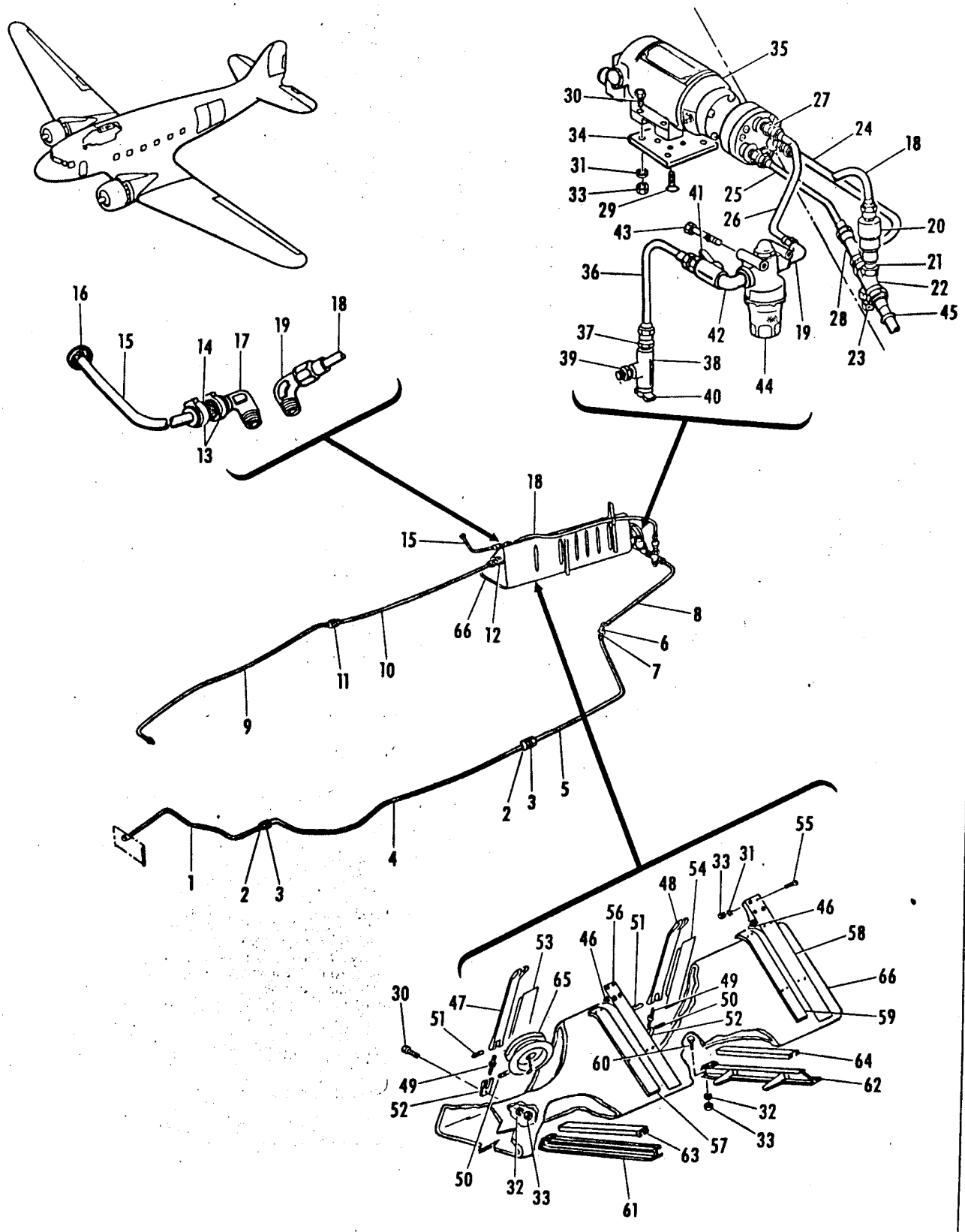

Figure 132. Center Wing Windshield and Carburetor Liquid System

V4-258

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
132	5188574 *	SYSTEM INSTL, CENTER WING WINDSHIELD AND CARBURETOR LIQUID DEICER (SEE FIG. 6A FOR NHA)	REF	A
- 1	5161500-30	PIPE ASSY, FUSELAGE TUNNEL PLATE TO UNION AT FRONT SPAR	1	A
- 2	3115-1HT6D	UNION, BULKHEAD (45681)	2	A
- 3	11-1039-1-5D	NUT, (45681)	2	A
- 4	5161500-29	PIPE ASSY, UNION AT FRONT SPAR TO UNION AT REAR SPAR	1	A
- 5	5161500-28	PIPE ASSY, UNION AT REAR SPAR TO ELBOW	1	A
- 6	3115-1ET6D	ELBOW, BULKHEAD 90 DEGREE (45681)	1	A
- 7	11-1039-1-5D	NUT, (45681)	1	A
- 8	5161500-27	PIPE ASSY, ELBOW TO PUMP	1	A
- 9	5161500-32	PIPE ASSY, UNION TO ELBOW	1	A
- 10	5161500-31	PIPE ASSY, TANK TO UNION	1	A
- 11	1600-6-6HT-D	UNION, (45681)	1	A
	5188575	SYSTEM INSTL, LIQUID DEICER TANK AND PUMP	1	A
- 12	AC811FT6D	NIPPLE	1	A
- 13	AN748-24	CLAMP	2	A
- 14	AN884-6-12	HOSE	1	A
- 15	4162701-1	PIPE ASSY, RH WING FILLET ALCOHOL TANK HOSE TO OVBD VENT	1	A
- 16	MS35489-11	GROMMET, (ALT PN AN931-6-10)	1	A
- 17	AN842-6	ELBOW	1	A
- 18	4162701-2	PIPE ASSY, RH WING FILLET ALCOHOL TANK TO BYPASS VALVE	1	A
- 19	MS20822-4	ELBOW, (ALT PN AN822-4)	2	A
- 20	A8182-3	VALVE ASSY, BYPASS (00502)	1	A
- 21	AN912-3	BUSHING	2	A
- 22	6-6-6-6KM00T	CROSS, (45681)	1	A
- 23	MS20913-3	PLUG, (ALT PN AN913-3)	1	A
- 24	4162701-16	PIPE ASSY, RH WING FILLET ALCOHOL TANK TEE TO PUMP	1	A
- 25	4162701-18	PIPE ASSY, RH WING FILLET ALCOHOL TANK PUMP TO TEE	1	A
- 26	4162701-17	PIPE ASSY, RH WING FILLET ALCOHOL TANK TO FILTER	1	A
- 27	AN816-4	NIPPLE	4	A
- 28	AN826-4	TEE	1	A
- 29	AN507-420-7	SCREW	4	A
- 30	AN3-5A	BOLT	6	A
- 31	AN960D10	WASHER	18	A
- 32	AN960-10	WASHER	6	A
- 33	MS21044N3	NUT, (ALT PN AN365-1032)	24	A
- 34	2188281	PLATE, ALCOHOL DEICER TANK PUMP MOUNTING	1	A
- 35	400B7	PUMP ASSY, (64560)	1	A
- 36	4162701-19	PIPE ASSY, RH WING FILLET ALCOHOL TANK TEE TO FILTER	1	A
- 37	AN912-1	BUSHING	1	A
- 38	AN917-2	TEE	1	A
- 39	AN911-2	NIPPLE	1	A
- 40	W7601-1/4	COCK, DRAIN (79318)	1	A
- 41	715FT4D	VALVE ASSY, (45681)	1	A
- 42	AN914-1	ELBOW	1	A
- 43	AN3-15A	BOLT	2	A
- 44	26450	FILTER ASSY, (64560) (FURNISHED WITH 400B7 (64560))	1	A
- 45	MS35489-12	GROMMET, (ALT PN AN931-6-16)	1	A
- 46	MS20392-5C33	PIN, (ALT PN AN396-33)	2	A
- 47	4161894-10	STRAP ASSY, DEICER ALCOHOL SUPPLY TANK	1	A
- 48	4161894-12	STRAP ASSY, DEICER ALCOHOL SUPPLY TANK	1	A
- 49	1106320	STUD, TANK STRAP	1	A
- 50	1109392-8	TRUNNION, TANK SUPPORT STRAP	1	A
- 51	1109392-4	TRUNNION, TANK SUPPORT STRAP	1	A
- 52	1161928	END, DEICER ALCOHOL SUPPLY TANK STRAP	1	A
- 53	4161894-6	PAD, DEICER ALCOHOL SUPPLY TANK STRAP (MAKE FROM S1133322-1010)	1	A
- 54	4161894-8	PAD, DEICER ALCOHOL SUPPLY TANK STRAP (MAKE FROM S1133322-1226)	1	A
- 55	MS35207-263	SCREW, (ALT FROM AN520-10-8)	14	A
- 56	4161885	SUPPORT ASSY, DEICER TANK SIDE FORWARD	1	A
- 57	S1133322-816	PAD, 1 IN. TANK STRAP	1	A
- 58	4161883	SUPPORT ASSY, DEICER TANK SIDE AFT	1	A
- 59	S1133322-1102	PAD, 1 IN. TANK STRAP	1	A
- 60	AN3-6A	BOLT	4	A
- 61	4161884	SUPPORT ASSY, DEICER TANK BOTTOM FORWARD	1	A
- 62	4161882	SUPPORT ASSY, DEICER TANK BOTTOM AFT	1	A
- 63	S1133322-710	PAD, 1 IN. TANK STRAP	1	A
- 64	S1133322-920	PAD, 1 IN. TANK STRAP	1	A
- 65	AC42B3581	FILLER ASSY, CAP AND ADAPTER	1	A
- 66	5188619	TANK ASSY, LIQUID DEICER	1	A
		A 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		
		* FOR MODIFICATION OF THIS SECTION SEE FIGURE 162		

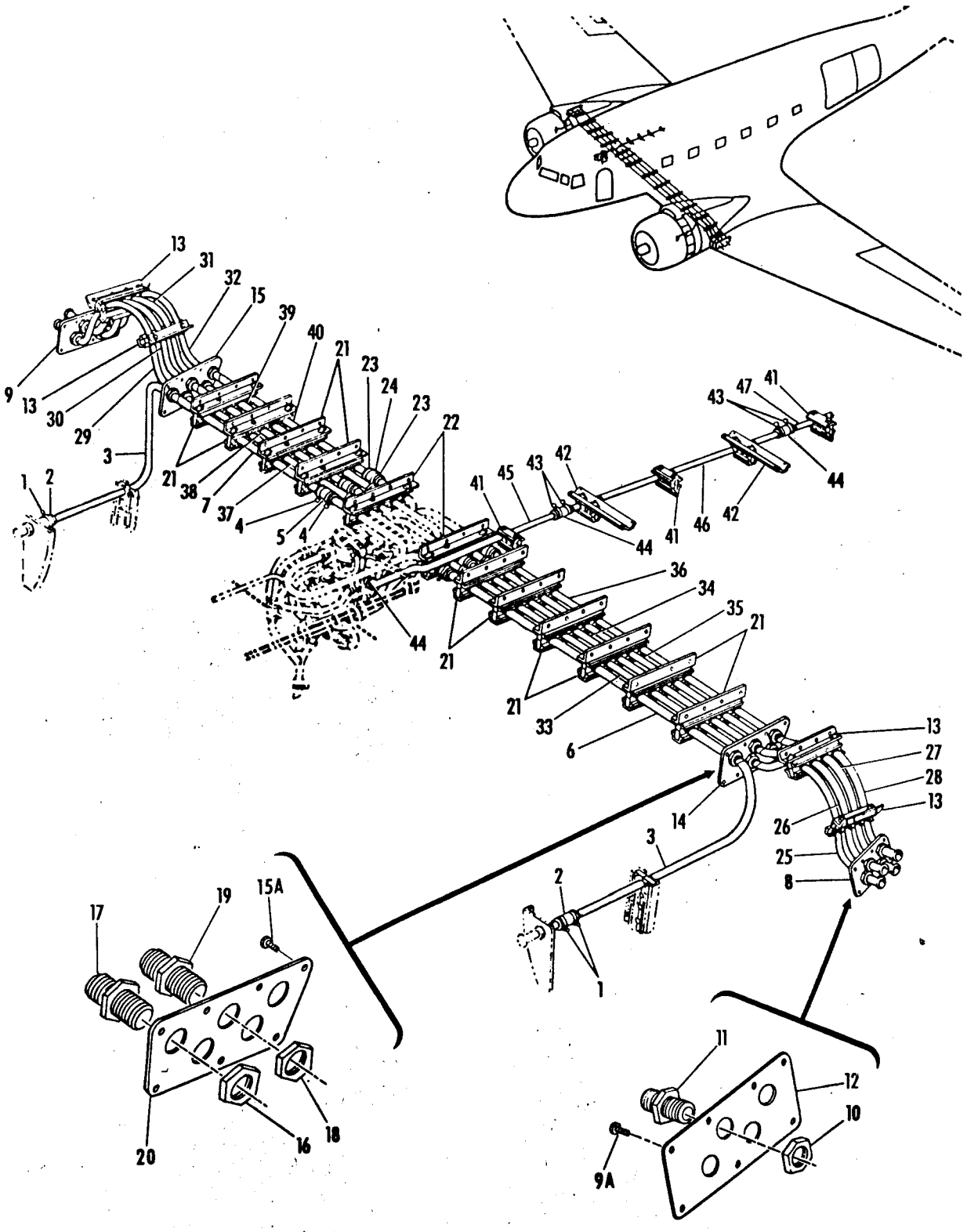

Figure 133. Center Wing Surface Deicer System

V4-132

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
133	5141405	SYSTEM INSTL, CENTER WING SURFACE DEICER	REF	
		(SEE FIG. 6A FOR NHA)		
- 1	AN737-34-38	CLAMP		
- 2	5394275-11	HOSE, CENTER WING SURFACE DEICER	4	
- 3	157700	PIPE ASSY, LH FIREWALL PLATE HOSE TO CHECK VALVE	2	
		3/4 OD X 0.049 X 48 (SEE T.O. 1C-1-31)	2	
- 4	NAS397-18	CLAMP, (ALT PN A3122-18-59 (78553))		
- 5	AN884-12-12	HOSE	4	
- 6	5112319-20	PIPE ASSY, LH NACELLE PLATE TO HOSE	2	
- 7	5112319-18	PIPE ASSY, RH NACELLE PLATE TO HOSE	1	
- 8	2116150	PLATE ASSY, NACELLE CANTILEVER RIB DEICER LINE CONNECTOR	1	
		OUTBOARD LH		
- 9	2116150-1	PLATE ASSY, NACELLE CANTILEVER RIB DEICER LINE CONNECTOR	1	
		OUTBOARD RH		
		(ATTACHING PARTS)		
- 9A	MS24621-43	SCREW, (ALT PN AN530-10-8)	14	
		--1--K--1--		
- 10	11-1039-1-10D	NUT, (45681)		
- 11	3117-4T10D	COUPLING, (45681)	4	
- 12	2115007	PLATE, NACELLE CANTILEVER RIB DEICER LINE CONNECTOR OUTBOARD	4	
- 13	2115337	CLAMP ASSY, NACELLE DEICER LINE	1	
- 14	2116074	PLATE ASSY, NACELLE CANTILEVER RIB DEICER LINE CONNECTOR	4	
		INBOARD LH	1	
- 15	2116074-1	PLATE ASSY, NACELLE CANTILEVER RIB DEICER LINE CONNECTOR	1	
		INBOARD RH		
		(ATTACHING PARTS)		
- 15A	MS24621-43	SCREW, (ALT PN AN530-10-8)	14	
		--1--K--1--		
- 16	11-1039-1-19D	NUT, (45681)	1	
- 17	3115-1HT12D	COUPLING, BULKHEAD (45681)	1	
- 18	11-1039-1-14D	NUT, (45681)	4	
- 19	3115-1HT10D	COUPLING, BULKHEAD (45681)	4	
- 20	2114874	PLATE, NACELLE CANTILEVER RIB DEICER LINE CONNECTOR INBOARD	1	
- 21	2115354	CLAMP ASSY, CENTER WING DEICER LINE	10	
- 22	2115530	CLAMP ASSY, WING RH STA 8 AND 20 DEICER LINE	2	
- 23	NAS397-16	CLAMP, (ALT PN A3122-16-59 (78553))	16	
- 24	AN884-10-12	HOSE	8	
- 25	5112319-9	PIPE ASSY, NACELLE DEICER LINE OUTBOARD PLATE TO INBOARD	1	
		PLATE LH		
- 26	5112319-11	PIPE ASSY, NACELLE DEICER LINE OUTBOARD PLATE TO INBOARD	1	
		PLATE LH		
- 27	5112319-13	PIPE ASSY, NACELLE DEICER LINE OUTBOARD PLATE TO INBOARD	1	
		PLATE LH		
- 28	5112319-15	PIPE ASSY, NACELLE DEICER LINE OUTBOARD PLATE TO INBOARD	1	
		PLATE LH		
- 29	5112319-1	PIPE ASSY, NACELLE DEICER LINE OUTBOARD PLATE TO INBOARD	1	
		PLATE RH		
- 30	5112319-3	PIPE ASSY, NACELLE DEICER LINE OUTBOARD PLATE TO INBOARD	1	
		PLATE RH		
- 31	5112319-5	PIPE ASSY, NACELLE DEICER LINE OUTBOARD PLATE TO INBOARD	1	
		PLATE RH		
- 32	5112319-7	PIPE ASSY, NACELLE DEICER LINE OUTBOARD PLATE TO INBOARD	1	
		PLATE RH		
- 33	5112319-10	PIPE ASSY, NACELLE DEICER LINE INBOARD PLATE TO HOSE LH	1	
- 34	5112319-12	PIPE ASSY, NACELLE DEICER LINE INBOARD PLATE TO HOSE LH	1	
- 35	5112319-14	PIPE ASSY, NACELLE DEICER LINE INBOARD PLATE TO HOSE LH	1	
- 36	5112319-16	PIPE ASSY, NACELLE DEICER LINE INBOARD PLATE TO HOSE LH	1	
- 37	5112319-2	PIPE ASSY, NACELLE DEICER LINE INBOARD PLATE TO HOSE RH	1	
- 38	5112319-4	PIPE ASSY, NACELLE DEICER LINE INBOARD PLATE TO HOSE RH	1	
- 39	5112319-6	PIPE ASSY, NACELLE DEICER LINE INBOARD PLATE TO HOSE RH	1	
- 40	5112319-8	PIPE ASSY, NACELLE DEICER LINE INBOARD PLATE TO HOSE RH	1	
- 41	1119487	CLAMP ASSY, WING FLAP LINE SPAR	3	
- 42	1118533	CLAMP ASSY, WING FLAP LINE	2	
- 43	NAS397-18	CLAMP, (ALT PN A3122-18-59 (78553))	6	
- 44	AN884-12-12	HOSE	3	
- 45	5112319-24	PIPE ASSY, HOSE TO HOSE	1	
- 46	5112319-25	PIPE ASSY, HOSE TO HOSE	1	
- 47	5112319-37	PIPE ASSY, HOSE TO HOSE	1	

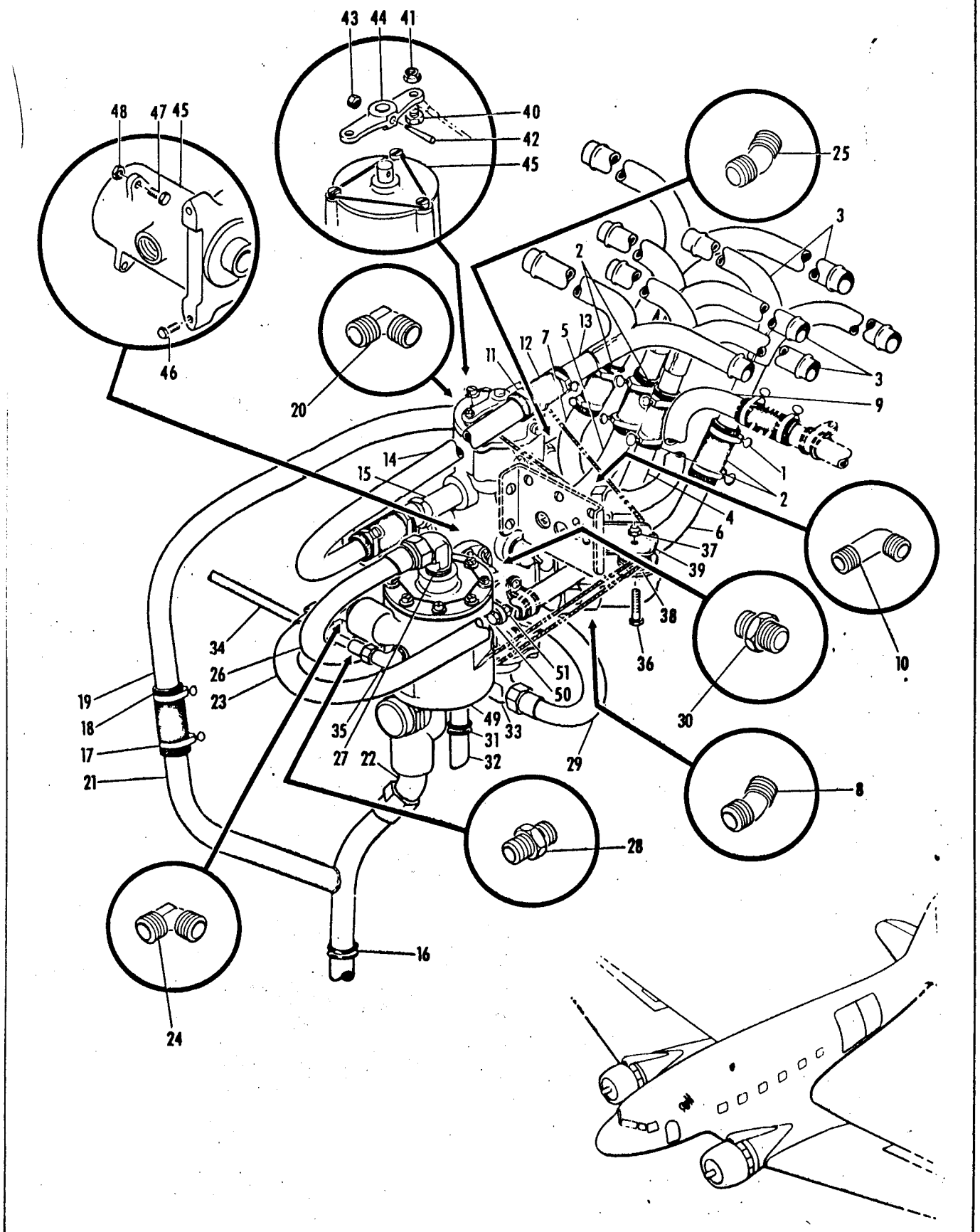

Figure 134. Center Wing Surface Deicer System

V4-114

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
134	5141405	SYSTEM INSTL, CENTER WING SURFACE DEICER (SEE FIG. 6A FOR NHA)	REF	
- 1	A3122-16-1	CLAMP, (78553) (ALT PN A3122-16-59 (78553))	8	
- 2	AN884-10-12	HOSE	4	
- 3	2115662	TEE ASSY, CENTER WING DEICER LINE	4	
- 4	5112319-31	PIPE ASSY, HOSE CONNECTOR TO DISTRIBUTOR	1	
- 5	5112319-30	PIPE ASSY, HOSE CONNECTOR TO DISTRIBUTOR	1	
- 6	5112319-29	PIPE ASSY, HOSE CONNECTOR TO DISTRIBUTOR	1	
- 7	5112319-28	PIPE ASSY, HOSE CONNECTOR TO DISTRIBUTOR	1	
- 8	AC811CT45-10	ELBOW	4	
- 9	5112319-23	PIPE ASSY, HOSE CONNECTOR TO DISTRIBUTOR	1	
- 10	12-8CCCT	ELBOW, (45681)	1	
- 11	A3122-18-1	CLAMP, (78553) (ALT PN A3122-18-59 (78553))	4	
- 12	AN884-12-12	HOSE	2	
- 13	2117567	TEE ASSY, CENTER WING DEICER SUPPLY LINE	1	
- 14	5112319-22	PIPE ASSY, TEE TO DISTRIBUTOR INLET FITTING	1	
- 15	1119620	FITTING, DEICER SEPARATOR EXTENSION	1	
- 16	MS35489-20	GROMMET, (ALT PN AN931-12-17)	1	
- 17	A3122-18-1	CLAMP, (78553) (ALT PN A3122-18-59 (78553))	2	
- 18	AN884-12-12	HOSE	1	
- 19	5112319-32	PIPE ASSY, DISTRIBUTOR TO HOSE	1	
- 20	12-8CT	ELBOW, (45681)	1	
- 21	4117715	TUBE ASSY, DEICER SEPARATOR DRAIN	1	
- 22	AC811CT12	ELBOW	1	
- 23	5112319-27	PIPE ASSY, DISTRIBUTOR TO SEPARATOR	1	
- 24	AC811CT12	ELBOW	1	
- 25	12-8CT45	ELBOW, (45681)	1	
- 26	5112319-26	PIPE ASSY, DISTRIBUTOR TO SEPARATOR	1	
- 27	AC811CT12	ELBOW	1	
- 28	12-8FT	NIPPLE, (45681)	1	
- 29	5112319-33	PIPE ASSY, DISTRIBUTOR TEE TO BOOT OUTLET	1	
- 30	AC811FT10	NIPPLE	1	
- 31	MS35489-17	GROMMET, (ALT PN AN931-10-14)	1	
- 32	5112319-34	PIPE ASSY, DISTRIBUTOR TEE TO OVERBOARD	1	
- 33	AC811ST10	TEE	1	
- 34	5112319-21	PIPE ASSY, SEPARATOR TO FUSELAGE AFT CONNECTOR PLATE	1	
- 35	AC811CT4	ELBOW	1	
- 36	AN3-10	BOLT	1	
- 37	AN310-3	NUT	1	
- 38	MS24566-1B	PULLEY, (ALT PN AN210-1A)	2	
- 39	4117844	BRACKET ASSY, CENTER WING DEICER DISTRIBUTOR CONTROL PULLEY	1	
- 40	AN3-4	BOLT	2	
- 41	AN310-3	NUT	2	
- 42	S124604-10-8	PIN	1	
- 43	MS21044N06	NUT, (ALT PN AN365-632)	1	
- 44	2119345-4	BELLCRANK, CROSSFEED CONTROL SHAFT (MAKE FROM 2005873-4)	1	
- 45	572-2	VALVE ASSY, DISTRIBUTOR (19315) (ATTACHING PARTS)	1	
- 46	AN74A4	BOLT	2	
- 47	AN3-5A	BOLT	2	
- 48	MS21044N3	NUT, (ALT PN AN365-1032)	2	
- 49	559-1	SEPARATOR ASSY, OIL (19315) (ATTACHING PARTS)	1	
- 50	AN4-7A	BOLT	2	
- 51	MS21044N4	NUT, (ALT PN AN365-428)	2	

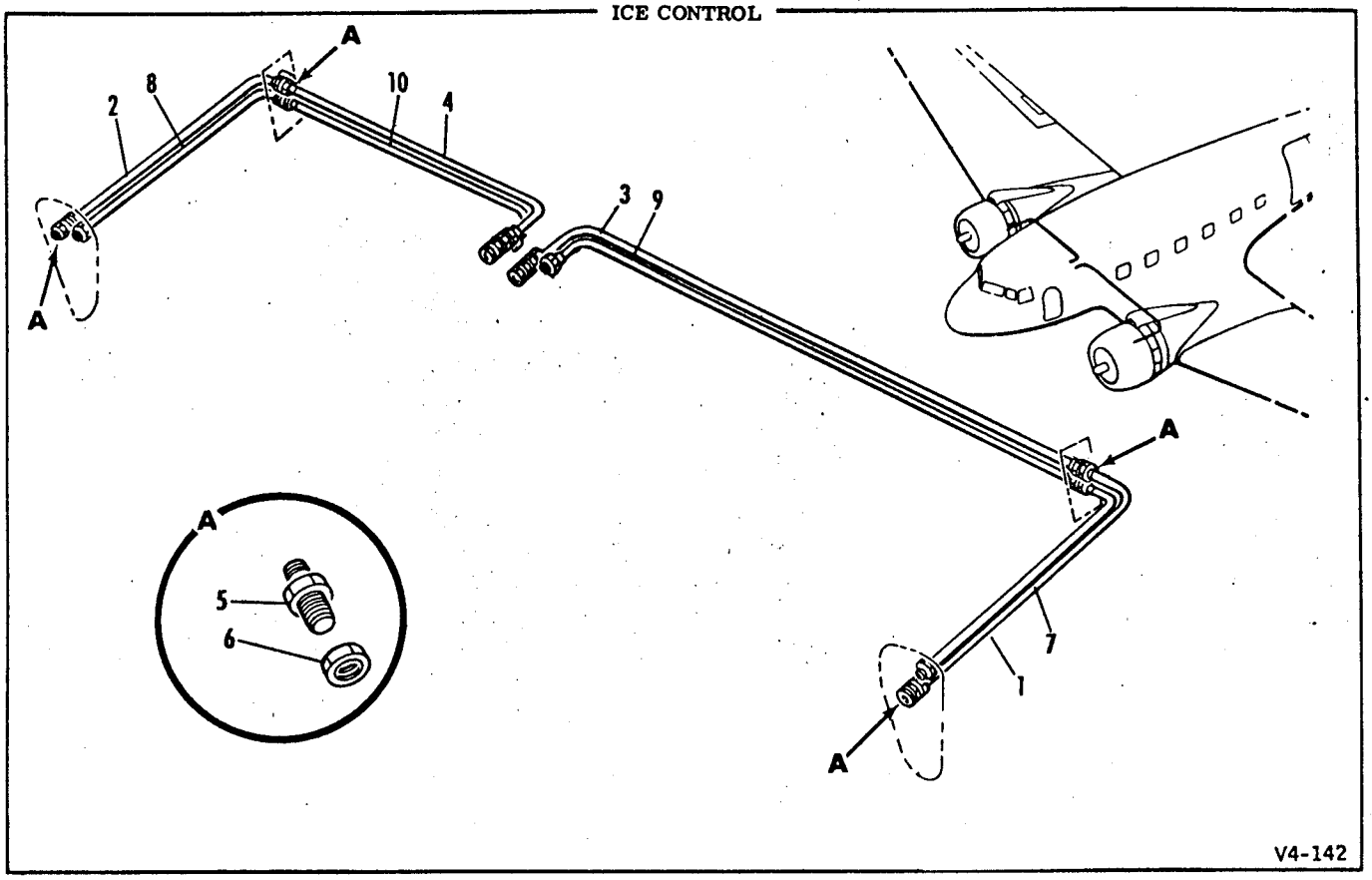

Figure 135. Center Wing Carburetor and Propeller Deicer System

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
135	*	CENTER WING CARBURETOR AND PROPELLER DEICER SYSTEM		
	5139642	SYSTEM INSTL, CENTER WING CARBURETOR DEICER (SEE FIG. 6A FOR NHA)	REF	A
	5188574	SYSTEM INSTL, CENTER WING WINDSHIELD AND CARBURETOR LIQUID DEICER (SEE FIG. 6A FOR NHA)	REF	B
- 1	2139828-4	PIPE ASSY, LH FIREWALL PLATE TO NACELLE PLATE	1	
- 2	2139828-3	PIPE ASSY, RH FIREWALL PLATE TO NACELLE PLATE	1	
- 3	2139828-2	PIPE ASSY, LH NACELLE PLATE TO FUSELAGE TUNNEL PLATE	1	
- 4	2139828-1	PIPE ASSY, RH NACELLE PLATE TO FUSELAGE TUNNEL PLATE	1	
- 5	3115-1HT4D	COUPLING, BULKHEAD (45681)	4	
- 6	11-1039-1-3D	NUT, LOCK (45681)	4	
	5110519	SYSTEM INSTL, CENTER WING PROPELLER DEICER (SEE FIG. 6A FOR NHA)	REF	
- 7	2118106-3	PIPE ASSY, LH FIREWALL PLATE TO NACELLE PLATE	1	
- 8	2118106-4	PIPE ASSY, RH FIREWALL PLATE TO NACELLE PLATE	1	
- 9	2118106-2	PIPE ASSY, LH NACELLE PLATE TO FUSELAGE TUNNEL PLATE	1	
- 10	2118106-1	PIPE ASSY, RH NACELLE PLATE TO FUSELAGE TUNNEL PLATE	1	
		A 001 THRU 541 AND 555 THRU 558		
		B 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		
		* FOR MODIFICATION OF THIS SECTION SEE FIG. 162		

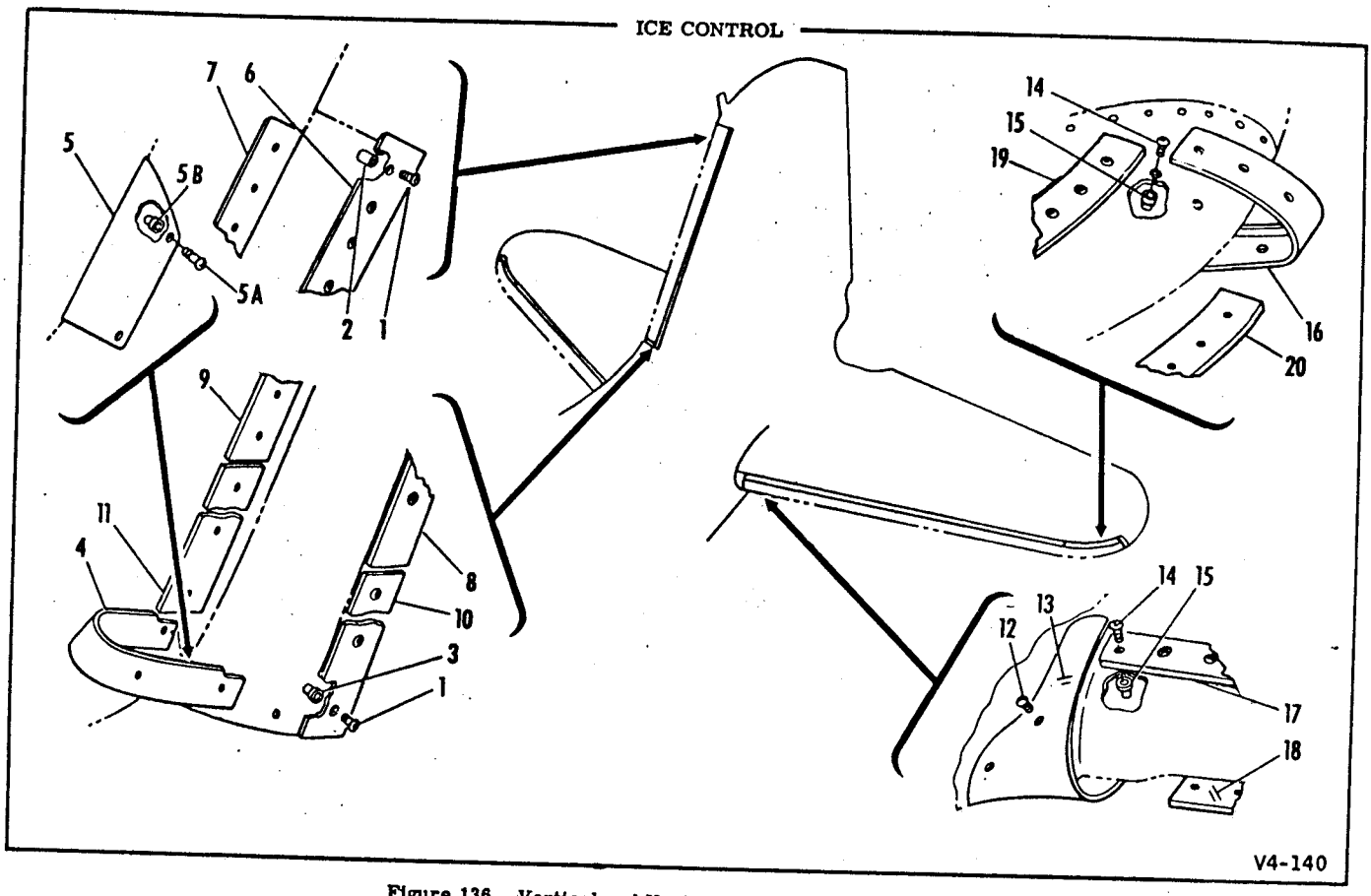

Figure 136. Vertical and Horizontal Stabilizer Deicer Shoes

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
136		VERTICAL AND HORIZONTAL STABILIZER DEICER SHOES		
	5133208	SHOE INSTL, VERTICAL STABILIZER DEICER		
- 1	B173	SCREW, (25472) (ALT PN S1029421-6-8)	1	
- 2	6895	LOKSCRU, (17875)	98	
- 3	43B19644-6KB106	RIVNUT	2	
- 4	1116333	STRIP, VERTICAL STABILIZER DEICER SHOE FAIRING	96	
- 5	1116334	COVER, VERTICAL STABILIZER DEICER SHOE INLET	1	
		(SUMMER OPERATION ONLY)	1	
		(ATTACHING PARTS)		
- 5A	MS35206-230	SCREW, (ALT PN AN526-632-8)		
- 5B	B221-6-89	RIVNUT, (25472)	4	
		---*---	4	
- 6	4117294-71	STRIP, DEICER SHOE FAIRING (MAKE FROM S1105759-906)	1	
- 7	4117294-72	STRIP, DEICER SHOE FAIRING (MAKE FROM S1105759-906)	1	
- 8	4117294-67	STRIP, DEICER SHOE FAIRING (MAKE FROM S1105759-6610)	1	
- 9	4117294-68	STRIP, DEICER SHOE FAIRING (MAKE FROM S1105759-6610)	1	
- 10	4117294-69	STRIP, DEICER SHOE FAIRING (MAKE FROM S1105759-1008)	1	
- 11	4117294-70	STRIP, DEICER SHOE FAIRING (MAKE FROM S1105759-1008)	1	
	5133207	SHOE INSTL, HORIZONTAL STABILIZER DEICER	1	
- 12	MS24621-29	SCREW, (ALT PN AN530-8-6)	1	
- 13	2116335	FILLET, HORIZONTAL STABILIZER NOSEPIECE LH (DRILL ON INSTL)	8	
	2116335-1	FILLET, HORIZONTAL STABILIZER NOSEPIECE RH (DRILL ON INSTL)	1	
- 14	B173	SCREW, (25472) (ALT PN S1029421-6-8)	1	
- 15	43B19644-6KB106	RIVNUT	332	
- 16	2116337	STRIP, HORIZONTAL STABILIZER DEICER SHOE END	332	
- 17	4117294-46	STRIP, DEICER SHOE FAIRING UPPER LH	2	
		(MAKE FROM S1105759-11528)	1	
	4117294-45	STRIP, DEICER SHOE FAIRING UPPER RH		
		(MAKE FROM S1105759-11528)	1	
- 18	4117294-48	STRIP, DEICER SHOE FAIRING LOWER LH		
		(MAKE FROM S1105759-11528)	1	
	4117294-47	STRIP, DEICER SHOE FAIRING LOWER RH		
		(MAKE FROM S1105759-11528)	1	
- 19	4116339	STRIP, HORIZONTAL STABILIZER TIP DEICER UPPER FAIRING LH	1	
	4116339-1	STRIP, HORIZONTAL STABILIZER TIP DEICER UPPER FAIRING RH	1	
- 20	4116340	STRIP, HORIZONTAL STABILIZER TIP DEICER LOWER FAIRING LH	1	
	4116340-1	STRIP, HORIZONTAL STABILIZER TIP DEICER LOWER FAIRING RH	1	

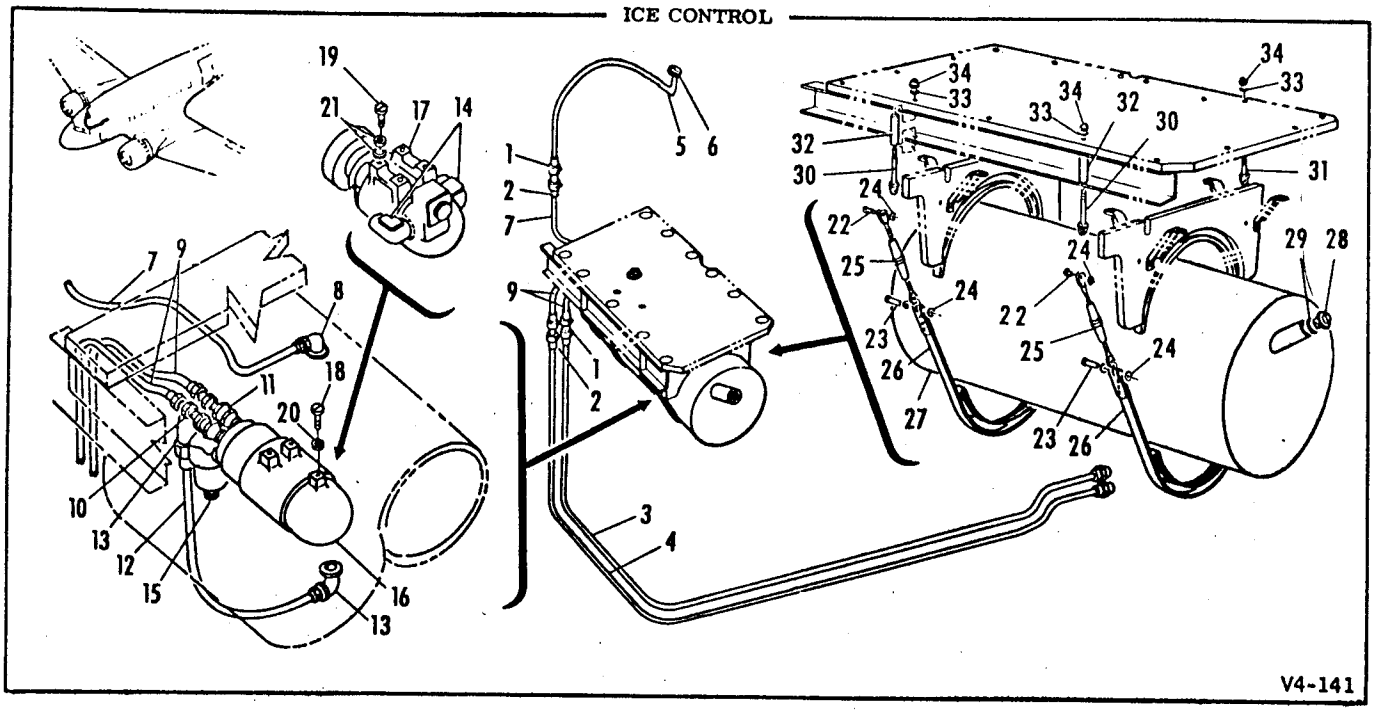

Figure 137. Fuselage Carburetor Deicer System

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
137	5141409	SYSTEM INSTL, FUSELAGE CARBURETOR DEICER (SEE FIG. 16 FOR NHA)	REF	A
- 1	A3122-10-1	CLAMP, (78553) (ALT PN A3122-10-59 (78553))	6	A
- 2	AN884-4-12	HOSE	3	A
- 3	2139827-4	PIPE ASSY, DEICER HOSE TO WING PANEL	1	A
- 4	2139827-5	PIPE ASSY, DEICER HOSE TO WING PANEL	1	A
- 5	2139827-7	PIPE ASSY, DEICER HOSE TO VENT	1	A
- 6	MS35489-6	GROMMET, (ALT PN AN931-4-7)	1	A
- 7	2139827-6	PIPE ASSY, DEICER HOSE TO WING PANEL	1	A
- 8	AC811CT4D	ELBOW	1	A
- 9	2139827-3	PIPE ASSY, DEICER PUMP TO HOSE	2	A
- 10	AN911-1	NIPPLE, (ALT PN AAF895-90)	2	A
- 11	A8182-2	VALVE ASSY, (00502)	2	A
- 12	2139827-1	PIPE ASSY, DEICER TANK DRAIN TO FILTER	1	A
- 13	AC811CT5D	ELBOW	2	A
- 14	AN914-1	ELBOW	2	A
- 15	A7979	FILTER ASSY, (00502) (USED ON D7818(00502))	1	A
- 16	D7818	PUMP ASSY, SERIES J40-27VD4 (00502) (ALT PN 101-7 (64560))	1	A
- 17	101-7	PUMP ASSY, (64560) (FURNISHED WITH FILTER AND AN3102-12S4P CONNECTOR)	1	A
		(ATTACHING PARTS)		
- 18	AN502-416-14	SCREW, (USED WITH D7818)	3	A
- 19	MS35265-82	SCREW, (ALT PN AN500AB416-14) (USED WITH 101-7)	4	A
- 20	AN970-4	WASHER, (USED WITH D7818)	3	A
- 21	S124682-4S14-065	WASHER, (USED WITH 101-7)	8	A
- 22	MS20392-2C11	PIN, (ALT PN AN393-11)	2	A
- 23	MS20392-2C27	PIN, (ALT PN AN393-27)	4	A
- 24	AN960D10	WASHER	10	A
- 25	AN130-8S	TURNBUCKLE ASSY	2	A
- 26	2139834	STRAP ASSY, CARBURETOR DEICER TANK	2	A
- 27	5139830	TANK ASSY, CARBURETOR DEICER	1	A
- 28	AN909-16	PLUG	1	A
- 29	MS35769-21	GASKET, (ALT PN AN900-16)	1	A
- 30	AN42-26A	EYEBOLT	2	A
- 31	AN42-7A	EYEBOLT	2	A
- 32	NAS43DD4-120	SPACER, (ALT PN S117425-4D128)	2	A
- 33	AN970-3	WASHER	4	A
- 34	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
		A 001 THRU 175, 178 THRU 502, 528 THRU 540 AND 555 THRU 558		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

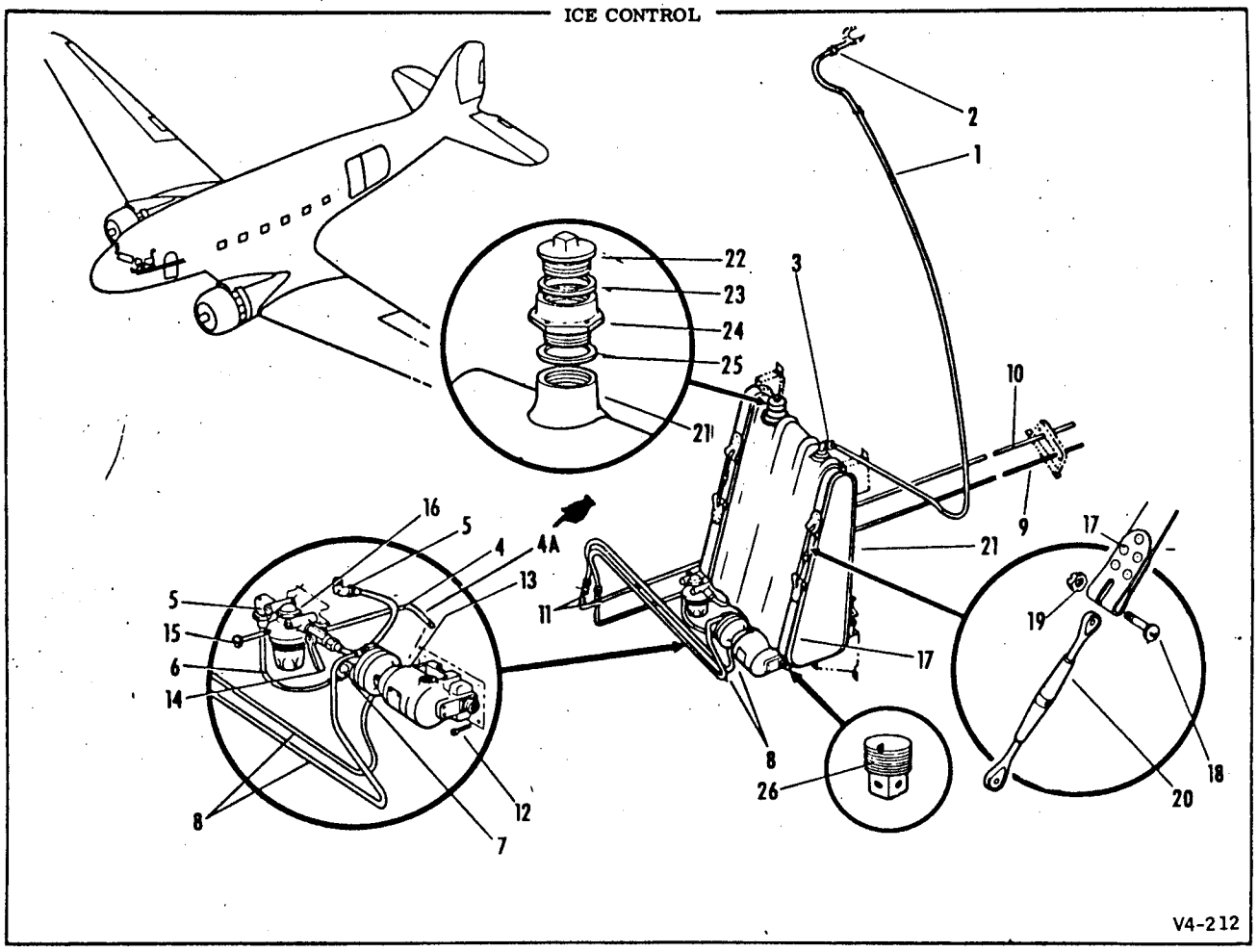

Figure 138. Fuselage Propeller Deicer System

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
138	5110551	SYSTEM INSTL, FUSELAGE PROPELLER DEICER (SEE FIG. 16 FOR NHA)	REF	
- 1	2116288-4	PIPE ASSY, PROPELLER DEICER ALCOHOL TANK TO VENT	1	
- 2	MS35489-4	GROMMET, (ALT PN AN931-3-5)	2	
- 3	AC811CT453	ELBOW	1	
- 4	2116288-7	PIPE ASSY, PROPELLER DEICER TANK TO FILTER	1	
4A	68A35550-01	PIPE ASSY, PROPELLER DEICER TANK TO FILTER (ADDED PER T.O. 1C-47-543D)	1	
- 5	AC811CT4	ELBOW	2	
- 6	2116288-8	PIPE ASSY, PROPELLER DEICER FILTER TO PUMP	1	
- 7	AC811CT45-4	ELBOW	1	
- 8	2116288-10	PIPE ASSY, PROPELLER DEICER PUMP TO TUNNEL	2	
- 9	2116288-5	PIPE ASSY, PROPELLER DEICER TUNNEL LINE	1	
- 10	2116288-6	PIPE ASSY, PROPELLER DEICER TUNNEL LINE	1	
- 11	AC811HT4D	UNION	2	
- 12	MS35265-80	SCREW, (ALT PN AN500AB416-10)	4	
- 13	100B3	PUMP ASSY, (64560) (ALT PN 100-3 (64560))	1	
- 14	715FT4D	VALVE ASSY, (45681)	1	
- 15	MS27039-1-26	SCREW, (ALT PN AN525-10-26)	2	
- 16	26450	FILTER ASSY, DEICER PUMP (45681) (FURNISHED WITH 100-3)	1	
- 17	2116289	STRAP ASSY, PROPELLER DEICER ALCOHOL TANK	2	
- 18	AN23-21	BOLT	2	
- 19	AN320-3	NUT	2	
- 20	AN135-8S	TURNBUCKLE ASSY	1	
- 21	5116834	TANK ASSY, PROPELLER DEICER ALCOHOL	1	
- 22	AN907-24	PLUG	1	
- 23	MS35769-39	GASKET, (ALT PN AN900-24)	1	
- 24	1116750	EXTENSION, ALCOHOL TANK FILLER NECK	1	
- 25	MS35769-42	GASKET, (ALT PN AN700-26)	1	
- 26	MS20913-16	PLUG, (ALT PN AFF895B70)	1	

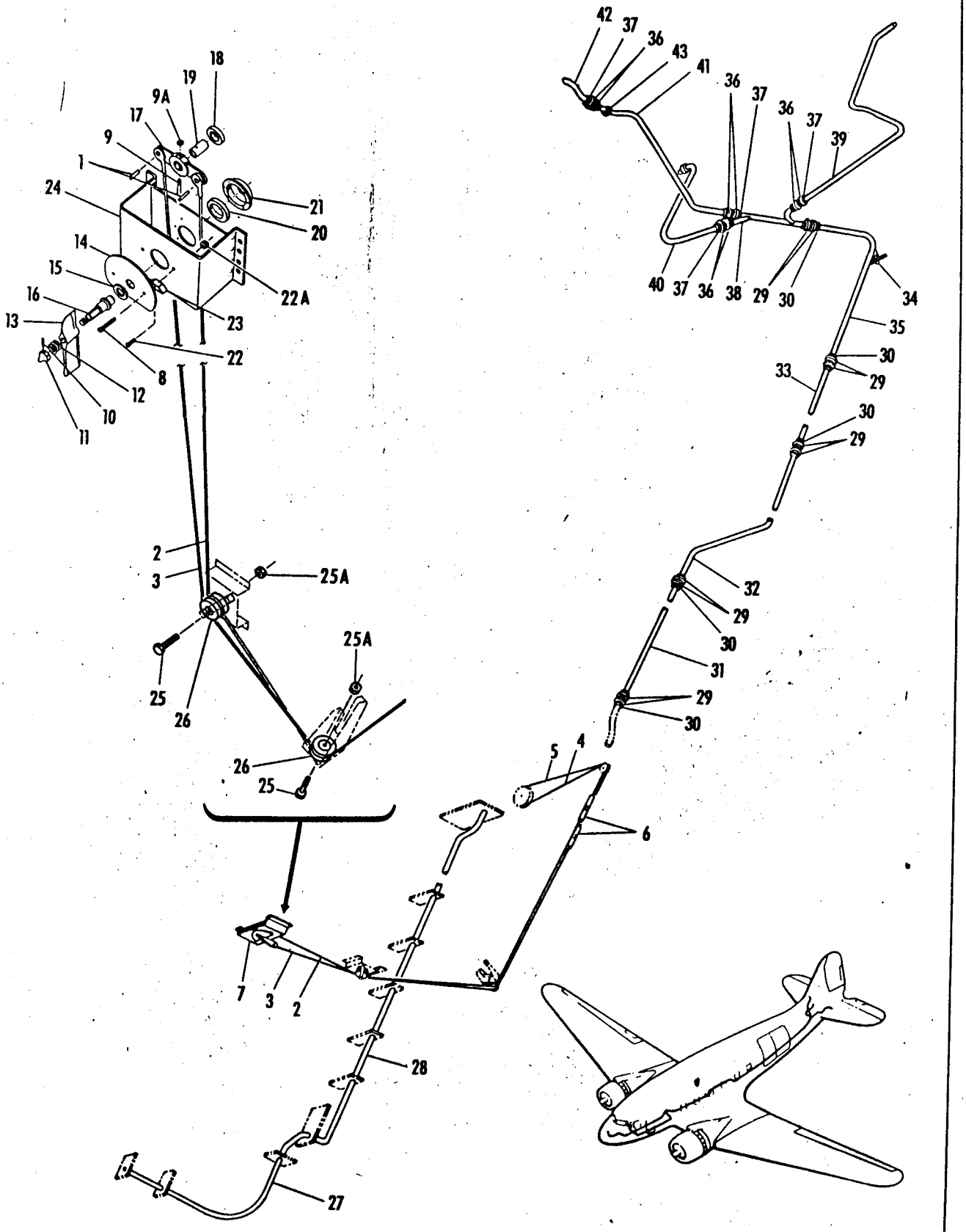

Figure 139. Fuselage Surface Deicer System

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FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
139	5110550	SYSTEM INSTL, FUSELAGE SURFACE DEICER (SEE FIG. 16 FOR NHA)	REF	
- 1	MS20392-2C9	PIN, (ALT PN AN393-9)	2	
- 2	2119151-1	CABLE ASSY, DEICER CONTROL	1	
- 3	2119151-3	CABLE ASSY, DEICER CONTROL	1	
- 4	S2074406ED2116	CABLE ASSY, SWAGED TYPE 1/16 IN. DIAMETER	1	
- 5	S2074406ED2716	CABLE ASSY, SWAGED TYPE 1/16 IN. DIAMETER	1	
- 6	1139505	BARREL, LATCH RAISING CABLE SPECIAL TURNBUCKLE	2	
- 7	4119348	CONTROL ASSY, WING DEICER	1	
- 8	MS35190-238	SCREW, (ALT PN AN505-6-8)	2	
- 9	S124604-10-8	PIN, SPECIAL THREADED TAPER	1	
- 9A	MS21044N06	NUT, (ALT PN AN365-632)	3	
	2189664	HANDLE ASSY, WING DEICER	1	
- 10	2189664-2	PIN, WING DEICER HANDLE	1	
- 11	AC34A2600	NUT	1	
- 12	1119342	SPRING, SHUTOFF VALVE CONTROL	1	
- 13	2189653	HANDLE, WING DEICER CONTROL (MAKE FROM 33B6001)	1	
- 14	114125	PLATE ASSY, (70138)	1	
- 15	AC34A2069	SPACER	1	
- 16	2189652	SHAFT, WING DEICER CONTROL	1	
- 17	2119345-3	BELLCRANK, CROSSFEED CONTROL SHAFT (MAKE FROM 2005873) (DRILL ON INSTL)	1	
- 18	NAS43HT8-6	SPACER, (ALT PN S117425-8S006)	1	
- 19	1119339	SHAFT, DEICER CONTROL	1	
- 20	S5K	BEARING, (21335)	1	
- 21	1119341	HOUSING, DEICER CONTROL SUPPORT BEARING	1	
- 22	S1029421-6-12	SCREW	2	
- 22A	MS21044D06	NUT, (ALT PN AN365D632)	2	
- 23	1119340	STOP, DEICER SYSTEM CONTROL	1	
- 24	2119344	BRACKET ASSY, DEICER CONTROL SUPPORT	1	
- 25	AN3-11A	BOLT	2	
- 25A	MS21044N3	NUT, (ALT PN AN365-1032)	2	
- 26	MS24566-18	PULLEY, (ALT PN AN210-1A)	4	
- 27	5114880-2	PIPE ASSY, DEICER PRESSURE GAGE HOSE TO FORWARD CONNECTOR PANEL	1	
- 28	5114880-1	PIPE ASSY, DEICER PRESSURE GAGE FORWARD TO AFT CONNECTOR PANEL	1	
- 29	NAS397-18	CLAMP, (ALT PN A3122-18-59 (78553))	10	
- 30	AN884-12-12	HOSE	5	
- 31	5114880-9	PIPE, SURFACE DEICER HOSE TO HOSE STA 306 TO 342	1	
- 32	5114880-3	PIPE, SURFACE DEICER HOSE TO HOSE STA 342 TO 444	1	
- 33	5114880-4	PIPE, SURFACE DEICER HOSE TO HOSE STA 444 TO 589	1	
- 34	MS35782-5	COCK ASSY, (ALT PN AN771-2)	1	
- 35	1130500	TUBE ASSY, TAIL DEICER DRAIN	1	
- 36	NAS397-16	CLAMP, (ALT PN A3122-16-59 (78553))	8	
- 37	AN884-10-12	HOSE	4	
- 38	4130111	TUBE ASSY, TAIL SURFACE DEICER	1	
- 39	5114880-7	PIPE, SURFACE DEICER HOSE TO LH HORIZONTAL STABILIZER	1	
- 40	5114880-8	PIPE, SURFACE DEICER HOSE TO RH HORIZONTAL STABILIZER	1	
- 41	5114880-6	PIPE, SURFACE DEICER HOSE TO VERTICAL STABILIZER	1	
- 42	5114880-10	PIPE, SURFACE DEICER HOSE TO STA 623	1	
- 43	MS35489-17	GROMMET, (ALT PN AN931-10-14)	1	

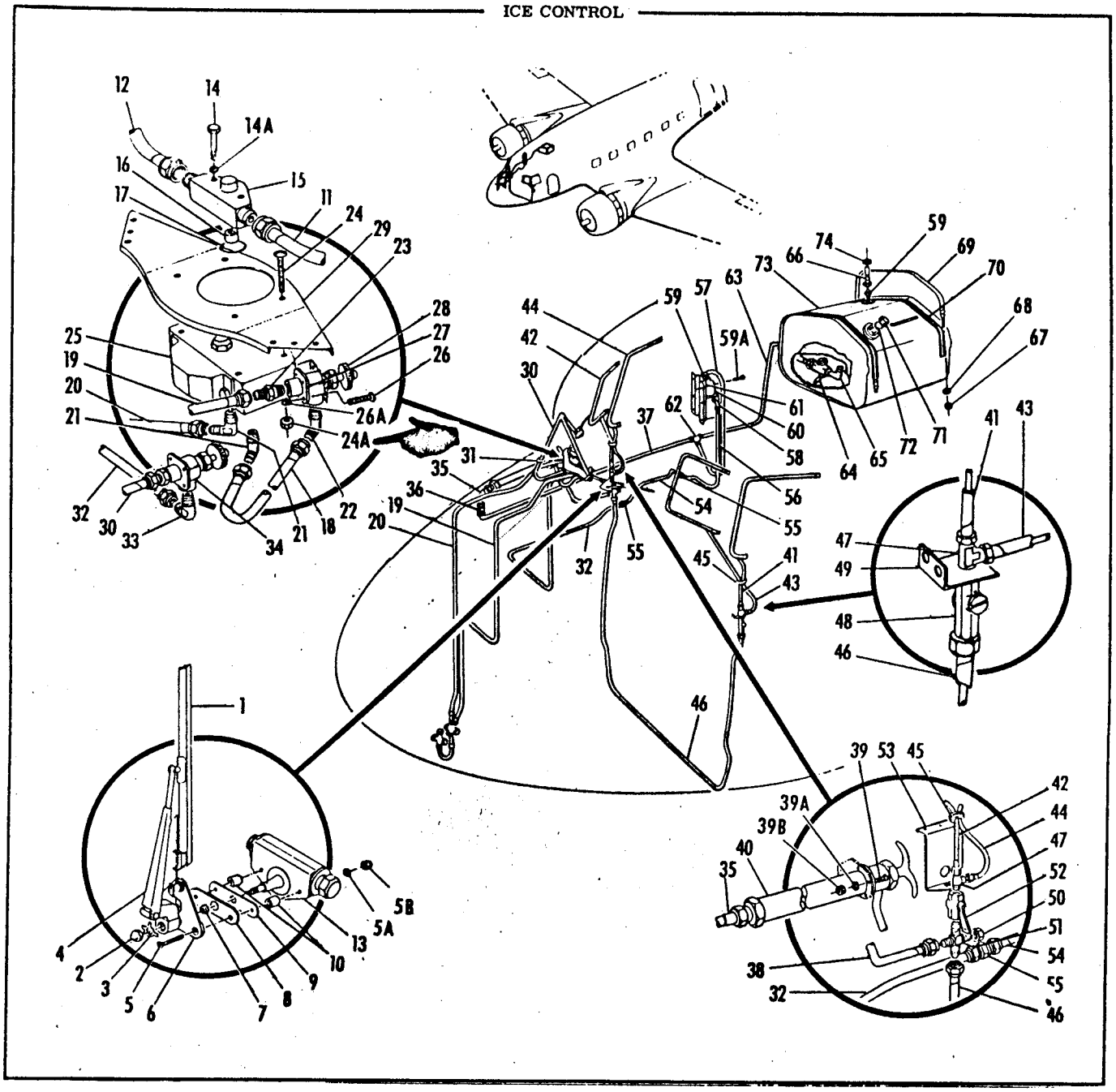

Figure 140. Windshield Deicer System

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
140	5141408	SYSTEM INSTL, WINDSHIELD DEICER (SEE FIG. 16 FOR NHA)	REF	A
	5137181	WIPER INSTL, WINDSHIELD, MODEL 2V1 (28349)	1	A
- 1	B12180	BLADE ASSY, (28349)	2	A
- 2	B21004	NUT, (28349)	2	A
- 3	B20002	WASHER, (28349)	2	A
- 4	B11850	ARM ASSY, DRIVE (28349)	2	A
- 5	AN510UB10-40	SCREW, (ALT PN AN510B10-40)	4	A
- 5A	AN960D10	WASHER	4	A
- 5B	MS21044D3	NUT, (ALT PN AN365D10321	4	A

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
140				
- 6	A12337	MOUNT ASSY, WIPER BLADE (76197)	2	A
- 7	B16010	WASHER, NEOPRENE (76197)	2	A
- 8	A10671	PLATE, SUPPORT (76197)	2	A
- 9	B50088	GASKET, VELLUMOID (76197)	2	A
- 10	A14101	SPACER, (76197)	4	A
- 11	D50197	CABLE ASSY, CONTROL LH (76197)	1	A
	D50191	TUBE ASSY, 25° TYPE LH (76197)	1	A
	A50194	CABLE ASSY, INNER 10-1/16 IN. LG (28349)	1	A
- 12	D50196	CABLE ASSY, CONTROL RH (76197)	1	A
	D50189	TUBE ASSY 25° RH (76197)	1	A
	A50194	CABLE ASSY, INNER 10-1/16 IN. LG (76197)	1	A
- 13	B14182	CONTROL ASSY, WINDSHIELD WIPER (90478)	2	A
	B17140	WINDOW UNIT (76197), PREFERRED ITEM	1	A
- 14	AN500AB10-22	SCREW	2	A
- 14A	AN960C10L	WASHER	2	A
- 15	B11414	MOTOR ASSY, CONTROL (76197)	1	A
- 16	B10256	COUPLING, CONTROL MOTOR (90478)	1	A
- 17	A16014	SEAL, NEOPRENE (90478)	1	A
- 18	2137513-1	PIPE ASSY, WINDSHIELD WIPER MOTOR TO VALVE	1	A
- 19	2137513-2	PIPE ASSY, WINDSHIELD WIPER VALVE TO CROSS	1	A
- 20	2137513-3	PIPE ASSY, WINDSHIELD WIPER MOTOR TO CROSS	1	A
- 21	AC811CT4D	ELBOW	2	A
- 22	AC811CT45-4D	ELBOW	1	A
- 23	AC811FT4D	NIPPLE	1	A
- 24	MS35215-64	SCREW, (ALT PN AN520B10-36)	4	A
- 24A	MS21044D3	NUT, (ALT PN AN365D1032)	4	A
- 25	D11340	MOTOR ASSY, HYDRAULIC WINDSHIELD WIPER (76197)	1	A
- 26	MS35214-32	SCREW, (ALT PN AN515B6-20)	4	A
- 26A	MS21044D06	NUT, (ALT PN AN365D632)	4	A
- 27	A11608	PLATE, WINDSHIELD WIPER MOUMT (76197)	1	A
- 28	B16286-60	VALVE ASSY, (76197)	1	A
- 29	4139037	BRACKET, WINDSHIELD WIPER MOTOR (DRILL ON INSTL)	1	A
- 30	4141107	PIPE ASSY, WINDSHIELD DEICER	1	A
- 31	MS35489-8	GROMMET, (ALT PN AN931-4-16)	1	A
- 32	4116774-4	PIPE ASSY, WINDSHIELD DEICER VALVE TO UNION STA 40 TO 63	1	A
- 33	MS20822-4D	ELBOW, (ALT PN AN822-4D)	1	A
- 34	B12306	VALVE ASSY, (WITHOUT ORIFICE) (76197)	1	A
- 35	4116774-1	PIPE ASSY, WINDSHIELD DEICER PUMP TO UNION	1	A
- 36	6-4HTD	UNION, (45681)	1	A
- 37	4116774-2	PIPE ASSY, WINDSHIELD DEICER UNION TO TEE	1	A
- 38	4116774-7	PIPE ASSY, WINDSHIELD DEICER PUMP TO CROSS	1	A
- 39	MS35190-238	SCREW, (ALT PN AN505-6-8)	3	A
- 39A	AN960D6	WASHER	3	A
- 39B	MS21044N06	NUT, (ALT PN AN365-632)	3	A
- 40	44355	PUMP ASSY, WINDSHIELD DEICER (30327)	1	A
- 41	2116039	PIPE ASSY, FRONT WINDSHIELD DEICER LH	1	A
- 42	2116039-1	PIPE ASSY, FRONT WINDSHIELD DEICER RH	1	A
- 43	2116038	PIPE ASSY, REAR WINDSHIELD DEICER LH	1	A
- 44	2116038-1	PIPE ASSY, REAR WINDSHIELD DEICER RH	1	A
- 45	MS35489-13	GROMMET, (ALT PN AN931-7-11)	2	A
- 46	4116774-3	PIPE ASSY, WINDSHIELD DEICER VALVE TO VALVE	1	A
- 47	AC811RT3D	TEE	2	A
- 48	715GT4D	VALVE ASSY, (45681)	1	A
- 49	1116042	BRACKET, WINDSHIELD DEICER PLUG VALVE	1	A
- 50	FNT4D	CAP, (45681)	1	A
- 51	6-4-4-2KST	CROSS, (45681)	1	A
- 52	702GG4D	VALVE ASSY, (45681)	1	A
- 53	1139168	BRACKET, WINDSHIELD DEICER PLUG VALVE (DRILL ON INSTL)	1	A
- 54	4116774-16	PIPE ASSY, WINDSHIELD DEICER UNION TO UNION STA 63 TO 83 RH	1	A
- 55	AC811HT4D	UNION	2	A
- 56	4116774-32	PIPE ASSY, WINDSHIELD DEICER UNION TO PUMP	1	A
- 57	4116774-31	PIPE ASSY, WINDSHIELD DEICER TEE TO PUMP	1	A
- 58	AC811CT4D	ELBOW	1	A
- 59	AC811FT4D	NIPPLE	2	A
- 59A	MS35265-78	SCREW, (ALT PN AN500A416-7)	2	A
- 60	D13382	PUMP ASSY, (90478)	1	A
- 61	2143028	BRACKET, ALCOHOL DEICER PUMP SUPPORT	1	A
- 62	AC811JT4D	TEE	1	A
- 63	4116774-26	PIPE ASSY, WINDSHIELD DEICER TEE TO TANK	1	A
- 64	715FT4D	VALVE ASSY, (45681)	1	A
- 65	1/8CD-D	ELBOW, (45681)	1	A
- 66	4116774-6	PIPE ASSY, WINDSHIELD DEICER TANK TO VENT	1	A
- 67	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
- 68	AN960D10	WASHER	4	A
- 69	2139003	STRAP ASSY, WINDSHIELD DEICER ALCOHOL TANK	2	A
- 70	S1080328-2300	PAD, HEAVY CLIP EXTRUDED NEOPRENE	2	A
- 71	AN909-24	PLUG	1	A
- 72	MS35769-39	GASKET, (ALT PN AN900-24)	1	A
- 73	5136139-6	TANK ASSY, WINDSHIELD ALCOHOL	1	A
- 74	MS35489-6	GROMMET, (ALT PN AN931-4-7)	1	A
		A 001 THRU 175, 178 THRU 502, 528 THRU 540 AND 555 THRU 558		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		
		FOR MODIFICATION OF THIS SECTION SEE FIG. 162		

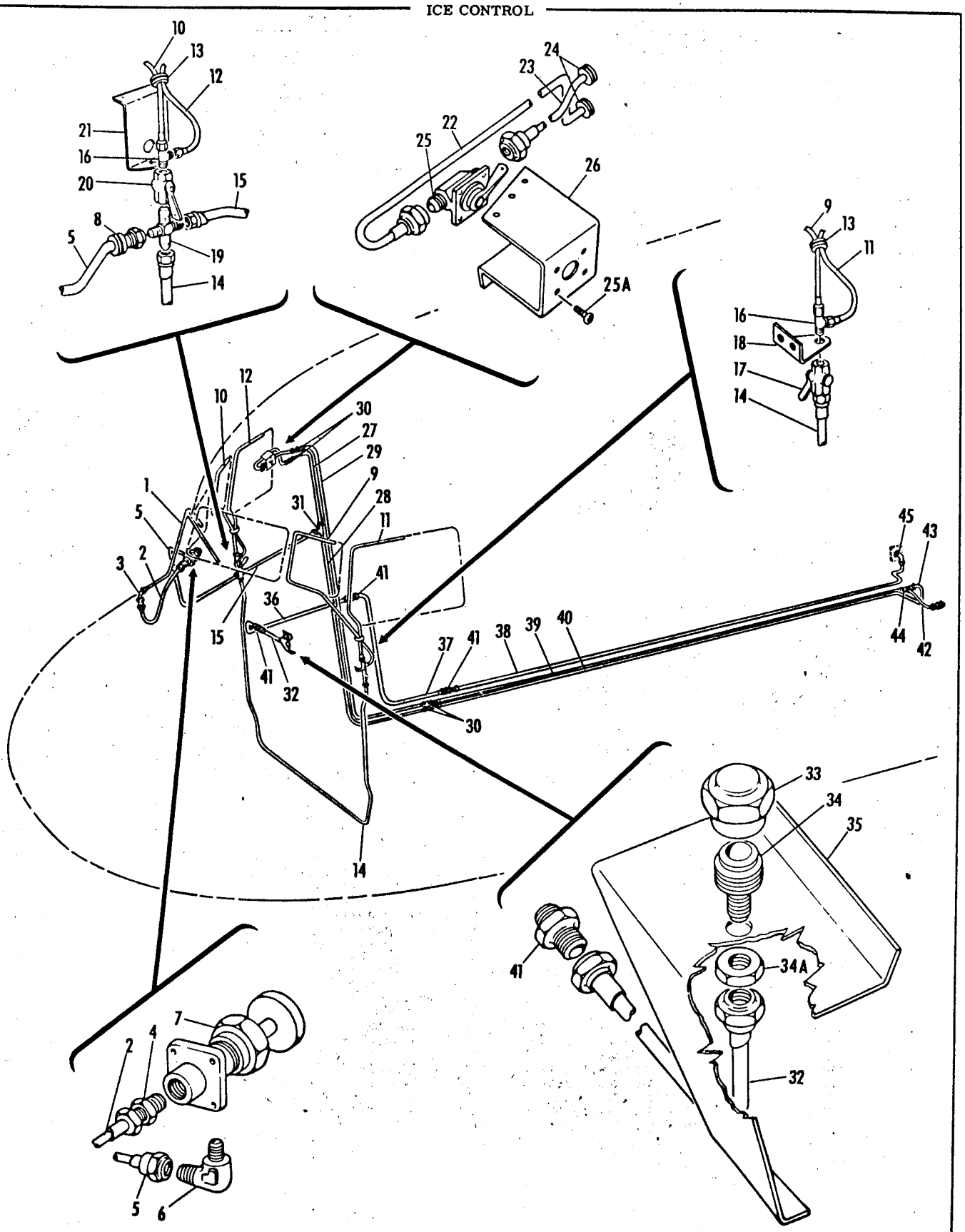

Figure 141. Fuselage Windshield and Carburetor Liquid System

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FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
141	5188335	SYSTEM INSTL, FUSELAGE WINDSHIELD AND CARBURETOR LIQUID DEICER (SEE FIG. 16 FOR NHA)	REF	A
- 1	4188769	PIPE ASSY, WINDSHIELD DEICER	1	A
- 2	5188680-15	PIPE ASSY, WINDSHIELD AND CARBURETOR DEICER ELBOW TO VALVE	1	A
- 3	AN833-4D	ELBOW	1	A
	AN960D716	WASHER	2	A
	AN924-4D	NUT	1	A
- 4	AC811FT4D	NIPPLE	1	A
- 5	5188680-4	PIPE ASSY, WINDSHIELD AND CARBURETOR DEICER VALVE TO CROSS	1	A
- 6	MS20822-4D	ELBOW, (ALT PN AN822-4D)	1	A
	MS35338-31	WASHER, (ALT PN AN935-1016)	1	A
	AN960-1016	WASHER	1	A
	AN316-10R	NUT	1	A
- 7	B12306	VALVE ASSY, (WITHOUT ORIFICE) (90478)	1	A
- 8	MS35489-10	GROMMET, (ALT PN AN931-5-12)	1	A
- 9	2116039	PIPE ASSY, FRONT WINDSHIELD DEICER LH	1	A
- 10	2116039-1	PIPE ASSY, FRONT WINDSHIELD DEICER RH	1	A
- 11	2116038	PIPE ASSY, REAR WINDSHIELD DEICER LH	1	A
- 12	2116038-1	PIPE ASSY, REAR WINDSHIELD DEICER RH	1	A
- 13	MS35489-13	GROMMET, (ALT PN AN931-7-11)	2	A
- 14	5188680-3	PIPE ASSY, WINDSHIELD AND CARBURETOR DEICER VALVE TO VALVE	1	A
- 15	5188680-6	PIPE ASSY, WINDSHIELD AND CARBURETOR DEICER CROSS TO TEE	1	A
- 16	AC811RT3D	TEE (MS20826)	2	A
- 17	715GT4D	VALVE ASSY, (45681)	1	A
- 18	1116042	BRACKET, WINDSHIELD DEICER PLUG VALVE	1	A
- 19	6-4-4-2KST	CROSS, (45681)	1	A
- 20	702GG4D	VALVE ASSY, (45681)	1	A
- 21	1139168	BRACKET, WINDSHIELD DEICER PLUG VALVE (DRILL ON INSTL)	1	A
- 22	5188680-14	PIPE ASSY, WINDSHIELD AND CARBURETOR DEICER VALVE TO UNION	1	A
- 23	5188680-21	PIPE ASSY, WINDSHIELD AND CARBURETOR DEICER VALVE TO UNION	1	A
- 24	MS35489-12	GROMMET, (ALT PN AN931-6-16)	2	A
- 25	720HT6D	VALVE ASSY, (45681)	1	A
	8-245-19	VALVE ASSY (86768)	1	
		(ATTACHING PARTS)		
- 25A	MS35207-261	SCREW, (ALT PN AN526-1032-6)	4	A
- 26	4188727	BRACKET, CARBURETOR DEICER VALVE	1	A
- 27	5188680-7	PIPE ASSY, WINDSHIELD AND CARBURETOR DEICER UNION TO TEE	1	A
- 28	5188680-8	PIPE ASSY, WINDSHIELD AND CARBURETOR DEICER TEE TO UNION	1	A
- 29	5188680-9	PIPE ASSY, WINDSHIELD AND CARBURETOR DEICER UNION TO UNION	1	A
- 30	AC811HT6D	UNION	4	A
- 31	AC811JT6D	TEE	1	A
- 32	5188680-20	PIPE ASSY, WINDSHIELD AND CARBURETOR DEICER FITTING TO UNION	1	A
- 33	AN929-16	CAP, (ALT PN AN820-16)	1	A
- 34	2188826	FITTING, LIQUID DEICER FILLER	1	A
- 34A	11-1039-1-5D	NUT, (45681)	1	A
- 35	4188984	BRACKET, DEICER TANK AUXILIARY FILLER	1	A
- 36	5188680-19	PIPE ASSY, WINDSHIELD AND CARBURETOR DEICER FITTING TO UNION	1	A
- 37	5188680-18	PIPE ASSY, WINDSHIELD AND CARBURETOR DEICER UNION TO UNION	1	A
- 38	5188680-17	PIPE ASSY, WINDSHIELD AND CARBURETOR DEICER UNION TO ELBOW	1	A
- 39	5188680-11	PIPE ASSY, WINDSHIELD AND CARBURETOR DEICER UNION TO TEE	1	A
- 40	5188680-10	PIPE ASSY, WINDSHIELD AND CARBURETOR DEICER UNION TO PLATE	1	A
- 41	AC811HT6D	UNION	3	A
- 42	5188680-12	PIPE ASSY, WINDSHIELD AND CARBURETOR DEICER TEE TO PLATE	1	A
- 43	5188680-13	PIPE ASSY, WINDSHIELD AND CARBURETOR DEICER TEE TO PLATE	1	A
- 44	6-4-4JT-D	TEE, (45681)	1	A
- 45	3115-1ET6D	ELBOW, (45681)	1	A
	11-1039-1-5D	NUT, (45681)	1	A
		A 176, 177, 503 THRU 527 AND 541 THRU 554		

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

FOR MODIFICATION OF THIS SECTION SEE FIG. 162

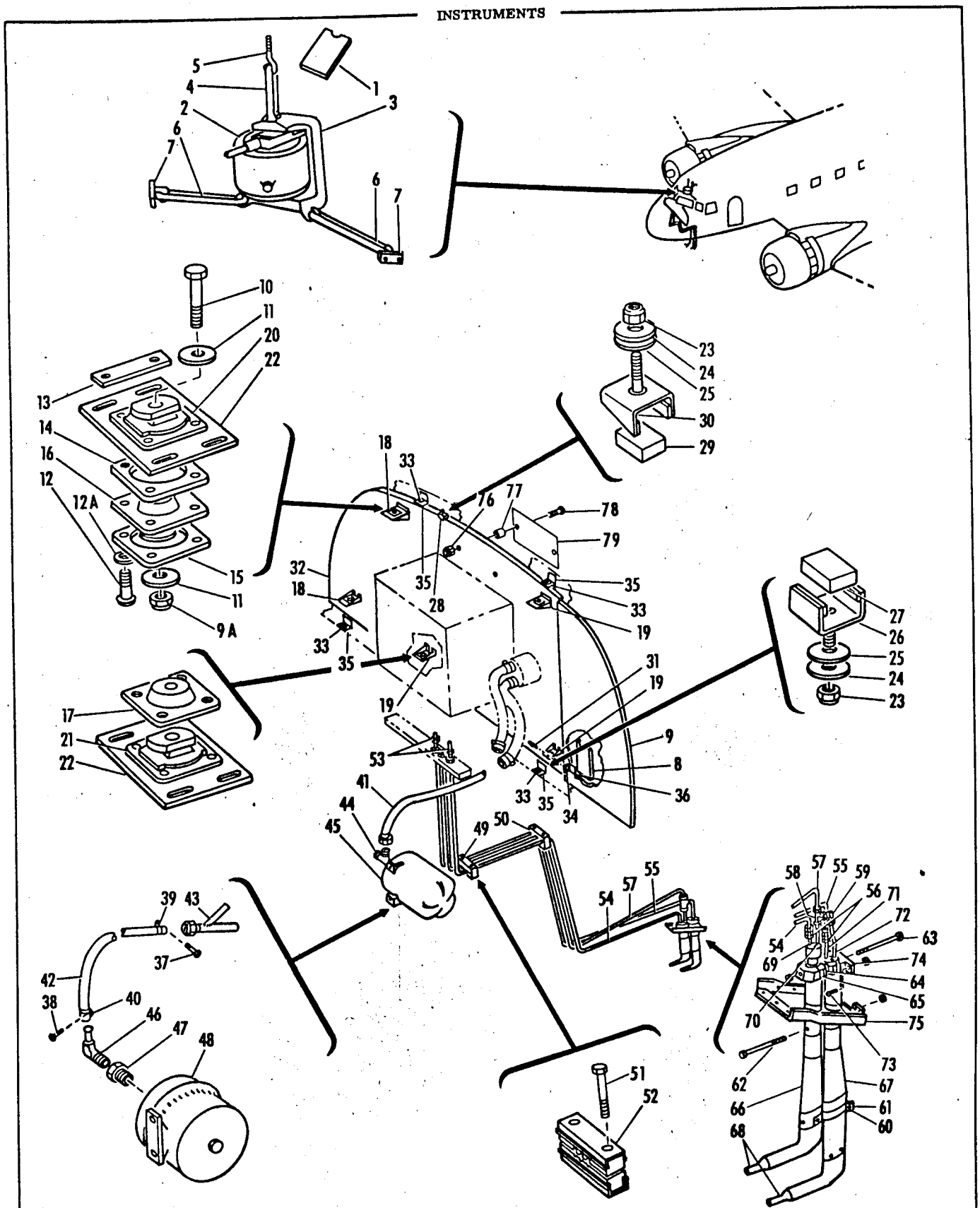

Figure 142. Fuselage Instruments V4-254

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
142	5141410	INSTRUMENT INSTL, FUSELAGE (SEE FIG. 16 FOR NHA)	REF	AE,G
	5202422	INSTRUMENT INSTL, FUSELAGE (SEE FIG. 16 FOR NHA)	REF	F,HK
	5188290	INSTRUMENT INSTL, FUSELAGE (SEE FIG. 16 FOR NHA)	REF	L
- 1	AN5800-2	CASE, (GFAE)	1	AB
	5139020	COMPASS INSTL	1	
- 2	CB2100T4	COMPASS ASSY, (19315) (REPLACES PN 1818-3A AND/OR 1818-1A)	1	
	57B5071	ADAPTER PLATE (USED WITH MB-1 COMPASS)	1	
- 3	5112852-4	HOUSING ASSY, MOLDED COMPASS	1	
- 4	2118625-2	RING, COMPASS BUNGEE	1	
- 5	1117030	HOOK, COMPASS MOUNT UPPER	1	
- 6	2118625-1	RING, COMPASS BUNGEE	2	
- 7	2139006	HOOK, COMPASS SIDE BUNGEE	2	
	5110970	PANEL INSTL, PILOT LH END	1	G,M
- 8	AN5800-2	CASE	1	G,M
- 9	5110970-2	PANEL ASSY, PILOT LH END	1	G,M
	5202259	PANEL INSTL, PILOT LH END	1	HJ
	5202260	PANEL ASSY, PILOT LH END	1	HJ
	AN5800-2	CASE	1	HJ
	5141220	PANEL INSTL, PILOT INSTRUMENT	1	G,M
	5205358	PANEL INSTL, PILOT INSTRUMENT	1	EF,K
	5202414	PANEL INSTL, PILOT INSTRUMENT	1	HJ
	5188844	PANEL INSTL, PILOT INSTRUMENT	1	L
- 9A	MS21044D4	NUT, (ALT PN AN365D428)	5	
- 10	AN4D15A	BOLT	5	
- 11	S124682-4D24-4	WASHER	AR	GJ,M
	AN960A416	WASHER	5	K,N
	AN960-416	WASHER	5	L
- 12	MS35218-40	SCREW, (ALT PN AN515D8-6)	20	
- 12A	MS35338-42	WASHER, (ALT PN AN935-8)	20	
- 13	1115899	PLATE, INSTRUMENT PANEL SHOCK MOUNTING UNIT	10	
- 14	1115900	PLATE, SHOCK UNIT ADJUSTING TAPPED	5	
- 15	1115901	PLATE, SHOCK UNIT ADJUSTING	5	
- 16	AN8008-10	INSULATOR ASSY	2	G,M
	AN8008D10	INSULATOR ASSY	2	HL,N
- 17	AN8008-9	INSULATOR ASSY	3	G,M
	AN8008D9	INSULATOR ASSY	3	HL,N
- 18	2115902	PLATE ASSY, INSTRUMENT PANEL SHOCK UNIT ADJUSTING	2	
- 19	2115902-3	PLATE ASSY, INSTRUMENT PANEL SHOCK UNIT ADJUSTING	3	
- 20	AN8008-10	INSULATOR ASSY, (USED ON 2115902)	1	
- 21	AN8008-9	INSULATOR ASSY, (USED ON 2115902-3)	1	
- 22	2115902-2	PLATE, INSTRUMENT PANEL SHOCK UNIT ADJUSTING	1	
- 23	MS21044D08	NUT, (ALT PN AN365D832)	6	G,M
- 24	S124682-2D10-5	WASHER	6	G,M
- 25	S124682-3D10-3	WASHER	AR	G,M
- 26	1115898	BUMPER ASSY, INSTRUMENT PANEL	5	G,M
- 27	1115898-8	BUMPER, INSTRUMENT PANEL	1	G,M
- 28	1189634	BUMPER ASSY, INSTRUMENT PANEL SCARFED (MAKE FROM 1115898)	1	G,M
- 29	1115898-8	BUMPER, INSTRUMENT PANEL	1	G,M
- 30	1115898-4	BUMPER ASSY, INSTRUMENT PANEL	1	G,M
- 31	1143795	STUD, INSTRUMENT PANEL MOUNTING BUMPER	4	K,N
	1143795	STUD, INSTRUMENT PANEL MOUNTING BUMPER	5	HJ
	1143795	STUD, INSTRUMENT PANEL MOUNTING BUMPER	6	L
- 32	5141104	PANEL ASSY, PILOT INSTRUMENT (SEE FIG. 144 AND 145 FOR DETAILS)	1	AB,G
	5202142	PANEL ASSY, PILOT INSTRUMENT (SEE FIG. 144 AND 145 FOR DETAILS)	1	CD
	5209800	PANEL ASSY, PILOT INSTRUMENT (SEE FIG. 146 AND 147 FOR DETAILS)	1	E
	5204850	PANEL ASSY, PILOT INSTRUMENT (SEE T.O. 1C-1-533) (SEE FIG. 152 AND 152A FOR DETAILS)	1	
	5202165	PANEL ASSY, PILOT INSTRUMENT (SEE FIG. 148 AND 149 FOR DETAILS)	1	HJ
	5188645	PANEL ASSY, PILOT INSTRUMENT (SEE FIG. 150 AND 151 FOR DETAILS)	1	L
	5205395	SUPPORT INSTL, INSTRUMENT PANEL	1	KL,N
	5143804	SUPPORT INSTL, INSTRUMENT PANEL	1	HJ
- 33	MS35489-14	GROMMET, (ALT PN AN931-8-13)	4	HL,N
- 34	MS35489-14	GROMMET, (ALT PN AN931-8-13)	1	HJ
- 35	1143794	ANGLE, INSTRUMENT PANEL MOUNTING BUMPER	4	HL,N
- 36	1143794	ANGLE, INSTRUMENT PANEL MOUNTING BUMPER	1	HJ
- 37	MS35206-245	SCREW, (ALT PN AN515-8-8)	1	P
	MS21044D08	NUT, (ALT PN AN365D832)	3	P
- 38	MS35206-245	SCREW, (ALT PN AN515-8-8)	1	AE
- 39	S127057-16	CLIP, LOOP TYPE TUBE	1	P
- 40	S127057-12	CLIP, LOOP TYPE TUBE	1	AE
- 41	5112305-24	PIPE ASSY, HOSE TO FILTER STA 23	1	A,G
	5112305-29	PIPE ASSY, HOSE TO FILTER STA 23	1	BC,H
	5112305-34	PIPE ASSY, HOSE TO FILTER STA 20	1	J
- 42	5209805-17	HOSE, ARTIFICIAL HORIZON TO FILTER	1	DE
- 43	2205342	WYE ASSY, INSTRUMENT PANEL PIPE 1/2 OD	1	F,KL
	5141079	FILTER INSTL, VACUUM INSTRUMENT AIR	1	A,G
	5143768	FILTER INSTL, VACUUM AIR	1	BC
	5202455	FILTER INSTL, VACUUM AIR	1	HK
- 44	12-12-8RT-D	TEE, (55561)	1	GK,P

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
142				
- 45	PA12	FILTER ASSY, VACUUM AIR (SPEC AN-F-9) (81321)	1	G,P
	JH3116	FILTER ASSY, VACUUM AIR (GFAE)	1	HK
	5204608	FILTER INSTL, VACUUM AIR	1	DF,L
- 46	AN842-8D	ELBOW	1	DF,L
- 47	AN912-8D	BUSHING	1	DF,L
- 48	AN5822-1	FILTER ASSY, (GFAE)	1	DF,L
- 49	1116817	CLAMP INSTL, PITOT LINE STA 30	1	
- 50	1116816	CLAMP INSTL, PITOT LINE STA 40	1	
- 51	AN3-14A	BOLT	2	
- 52	1117268	CLAMP ASSY, FUSELAGE NOSE SUPERCHARGER LINE (KEEP IN SETS)	1	
- 53	5112305-14	PIPE ASSY, PITOT PRESSURE INSTRUMENT COUPLING STA 30	2	E
- 54	5112305-2	PIPE ASSY, MANIFOLD TO FORWARD PITOT TUBE STA 30 TO 60	1	
- 55	5112305-4	PIPE ASSY, MANIFOLD TO AFT PITOT TUBE STA 30 TO 60	1	
- 56	AAF811HT4D	UNION	2	
- 57	5112305-7	PIPE ASSY, PITOT STATIC MANIFOLD TO TUBE STA 30 TO 60	1	
- 58	AAF811-0T4D	TEE	1	
- 59	AAF811CT4D	ELBOW	1	
	5141329	TUBE INSTL, DOUBLE PITOT	1	
- 60	MS35206-228	SCREW, (ALT PN AN515-6-6)	1	
	MS21044N06	NUT, (ALT PN AN365-632)	1	
- 61	1114717	CLAMP ASSY, DOUBLE PITOT TUBE	1	
- 62	AN4-42	BOLT	1	
- 63	AN4-47	BOLT	1	
- 64	AAF945-4	WASHER	3	
	AN960-416	WASHER	4	
	AN310-4	NUT	2	
- 65	1116067	CLAMP, PITOT STATIC TUBE	3	
- 66	3140968	MAST ASSY, PITOT FORWARD	1	
- 67	3140963	MAST ASSY, PITOT AFT	1	
- 68	AN5814-2	HEAD ASSY, AIRSPEED PITOT TUBE (TYPE D-2) (SPEC 94-27874-A) (GFAE)	1	
- 69	5112305-25	PIPE ASSY, FORWARD PITOT HEAD PRESSURE (ORDER NHA)	1	
- 70	5112305-26	PIPE ASSY, FORWARD PITOT HEAD STATIC (ORDER NHA)	1	
- 71	5112305-27	PIPE ASSY, AFT PITOT HEAD PRESSURE (ORDER NHA)	1	
- 72	5112305-28	PIPE ASSY, AFT PITOT HEAD STATIC (ORDER NHA)	1	
- 73	MS35206-244	SCREW, (ALT PN AN515-8-7)	2	
	MS21044N08	NUT, (ALT PN AN365-832)	2	
- 74	1116252	SPACER, PITOT STATIC TUBE SUPPORT (DRILL ON INSTL)	1	
- 75	4113071	SUPPORT ASSY, PITOT TUBE	1	
- 76	MS21044B08	NUT, (ALT PN AN365B832) (SEE T.O. 1C-1-60)	2	
- 77	COML	SPACER, ALUM. ALLOY TUBING CONDITION T 1/4 IN. OD X 0.035 IN. WALL (SPEC NO. WW-T-785 OR EQUAL) (SEE T.O. 1C-1-60)	2	
- 78	AN515B8-18	SCREW, (SEE T.O. 1C-1-60)	2	
- 79	50C20636	CHECK LIST, PILOT WOBBLE PUMP ASSY (SEE T.O. 1C-1-60)	1	
		A 026 AND 027		
		B 028 AND 029		
		C 030 THRU 035, 555 AND 558		
		D 036 THRU 045		
		E 046 THRU 056, 556 AND 557		
		F 149 THRU 177 AND 210 THRU 541		
		G 001 THRU 025 AND 146 THRU 148		
		H 057 THRU 074 AND 178		
		J 075 THRU 108		
		K 109 THRU 145 AND 179 THRU 209		
		L 542 THRU 554		
		M 026 THRU 045, 555 AND 558		
		N 046 THRU 056, 149 THRU 177, 210 THRU 541, 556 AND 557		
		P 026 THRU 035, 555 AND 558		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

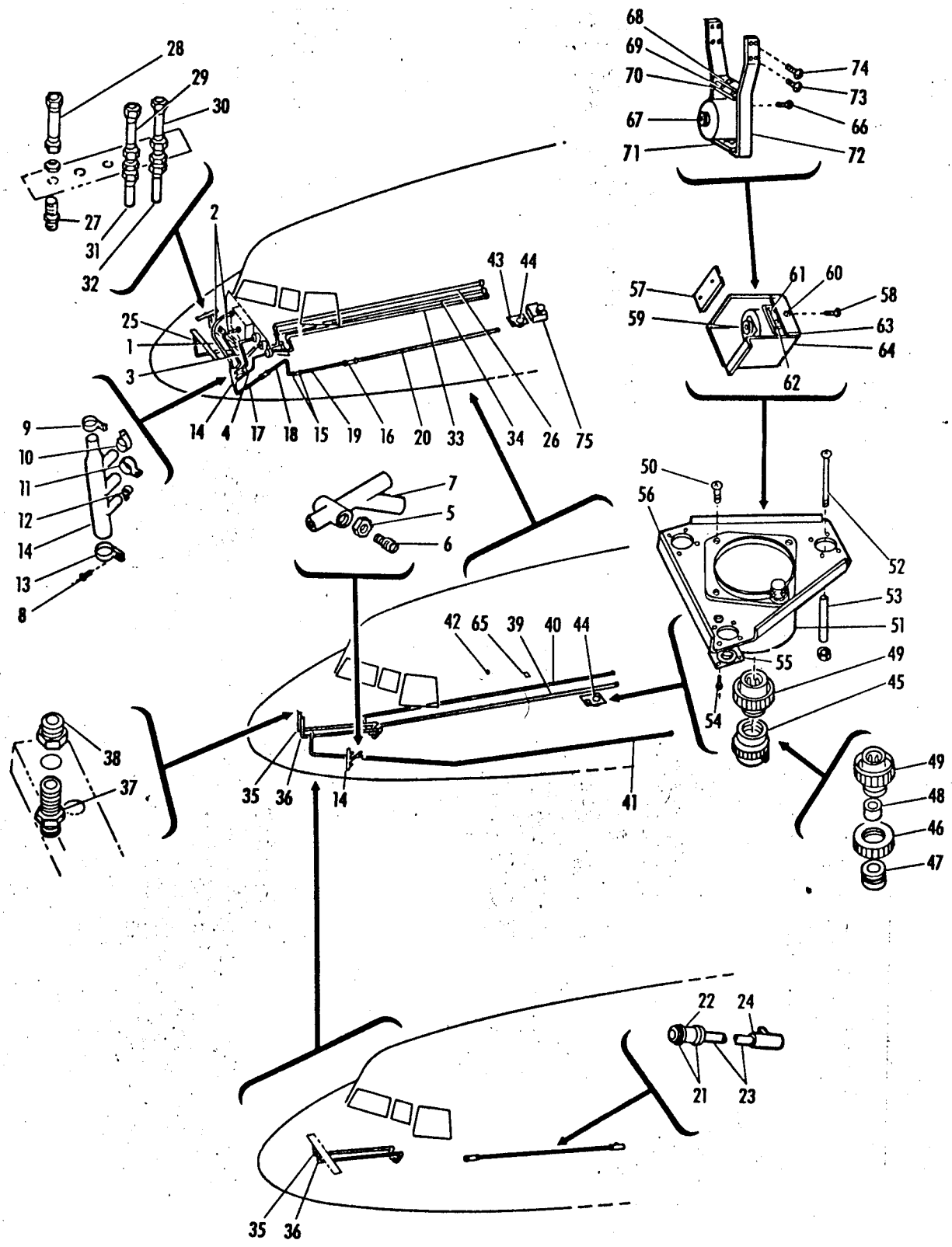

Figure 143. Fuselage Instruments

V4-296

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
143	5141410	INSTRUMENT INSTL, FUSELAGE (SEE FIG. 16 FOR NHA)	REF	AD
	5202422	INSTRUMENT INSTL, FUSELAGE (SEE FIG. 16 FOR NHA)	REF	ER
	5188290	INSTRUMENT INSTL, FUSELAGE (SEE FIG. 16 FOR NHA)	REF	S
- 1	5112305-18	PIPE, BANK AND CLIMB COUPLING TO MANIFOLD STA 30 TO 20	1	
- 2	5112305-17	PIPE, DIRECTIONAL COUPLING TO MANIFOLD STA 30 TO 20	1	
- 3	5112305-16	PIPE, ARTIFICIAL HORIZON COUPLING TO MANIFOLD STA 40 TO 30	1	LP,U
- 4	5112305-15	PIPE, BANK AND TURN COUPLING TO MANIFOLD STA 40 TO 30	1	AJ
	5112305-14	PIPE ASSY, VACUUM INSTRUMENT HOSE TO MANIFOLD STA 40 TO 30	1	KS
	AAF811HT4D	UNION	1	K,S
	4FNTD	CAP, (45681)	1	K,S
	2209922	VALVE ASSY, GYRO INSTRUMENT VACUUM RESTRICTOR	1	HK,S
- 5	AN315-7R	NUT	1	HK,S
- 6	1209923	PLUG, VACUUM RESTRICTOR ADJUSTING	1	HK,S
- 7	2209922-8	VALVE ASSY, GYRO INSTRUMENT VACUUM RESTRICTOR (WELDED)	1	HK,S
	S127057-10	CLIP, LOOP TYPE TUBE	1	S
- 8	MS35206-245	SCREW, (ALT PN AN515-8-8)	4	
	MS21044D08	NUT, (ALT PN AN365D832)	4	
- 9	S127057-15	CLIP, LOOP TYPE TUBE	1	
- 10	S127057-14	CLIP, LOOP TYPE TUBE	1	
- 11	S127057-12	CLIP, LOOP TYPE TUBE	1	
- 12	S127057-10	CLIP, LOOP TYPE TUBE	1	
- 13	FB13	CLAMP, (66295)	1	
- 14	2118573	MANIFOLD, VACUUM INSTRUMENT	6	
- 15	FB15	CLAMP, (66295)	3	AD
- 16	3706-14-11	HOSE, (PER MIL-H-8794)	3	LR
	3706-14-13	HOSE, (PER MIL-H-8794)	3	EK,S
	NO NUMBER	HOSE, (SPEC AN-H-35)	1	-
- 17	5112305-19	PIPE, VACUUM INSTRUMENT MANIFOLD TO HOSE STA 20 TO 40	1	
- 18	5112305-20	PIPE, VACUUM INSTRUMENT HOSE TO HOSE STA 40 TO 58	1	
- 19	5112305-21	PIPE, VACUUM INSTRUMENT HOSE TO HOSE STA 58 TO 100	1	AR
- 20	5112305-22	PIPE, VACUUM INSTRUMENT HOSE TO COUPLING STA 100 TO 185	2	S
- 21	FB15	CLAMP, (66295)	1	S
- 22	NO NUMBER	HOSE, (SPEC AN-H-35)	1	S
- 23	5112305-44	PIPE, VACUUM INSTRUMENT HOSE TO TEE STA 100 TO 180	1	S
- 24	2188663	TEE ASSY, CARBON MONOXIDE WARNING SIGNAL	1	
- 25	5112305-8	PIPE ASSY, STATIC VENT MANIFOLD TO PLATE STA 30 TO 50	1	
- 26	5112305-9	PIPE ASSY, STATIC VENT PLATE TO PLATE STA 50 TO 190	3	D
- 27	AAF811HT4D	UNION	1	D
- 28	5112305-39	PIPE ASSY, DEICER PRESSURE HOSE TO BRACKET STA 30	1	D
- 29	5112305-33	PIPE ASSY, LH OIL PRESSURE HOSE TO BRACKET STA 30	1	D
- 30	5112305-32	PIPE ASSY, RH OIL PRESSURE HOSE TO BRACKET STA 30	1	AD,M
- 31	5112305-10	PIPE ASSY, LH OIL PRESSURE BRACKET TO PLATE STA 30 TO 50	1	AD,M
- 32	5112305-11	PIPE ASSY, RH OIL PRESSURE BRACKET TO PLATE STA 30 TO 50	1	AD,M
- 33	5112305-12	PIPE ASSY, LH OIL PRESSURE PLATE TO PLATE STA 50 TO 190	1	AD,M
- 34	5112305-13	PIPE ASSY, RH OIL PRESSURE PLATE TO PLATE STA 50 TO 190	1	GK,S
- 35	5112305-40	PIPE ASSY, LH OIL PRESSURE MANIFOLD TO PLATE STA 30 TO 50	1	GK,S
- 36	5112305-41	PIPE ASSY, RH OIL PRESSURE MANIFOLD TO PLATE STA 30 TO 50	2	GH
- 37	AAF811GT4D	CONNECTOR	2	GH
- 38	AN816-2D	NIPPLE	1	GK,S
- 39	5112305-42	PIPE ASSY, LH OIL PRESSURE PLATE TO PLATE STA 50 TO 190	1	GK,S
- 40	5112305-43	PIPE ASSY, RH OIL PRESSURE PLATE TO PLATE STA 50 TO 190	2	EF,R
- 41	5112305-38	PIPE ASSY, MANIFOLD TO PLATE STA 30 TO 200	1	FK,R
- 42	MS35489-23	GROMMET, (ALT PN AN931-16-22)	1	BE
- 43	AN5800-2	CASE, (GFAE)	1	AB,L
- 44	NO NUMBER	COMPASS ASSY, APERIODIC (TYPE D-12) (SPEC 94-27825) (GFAE)	1	CD
- 45	MS3057-6B	CLAMP, (ALT PN AN3057-6)	1	FK,T
- 46	AN3054-6	NUT	1	FK
- 47	MS35489-9	GROMMET, (ALT PN AN931-5-9)	1	T
- 48		SPACER, (PART NUMBER S2033901-12F312-004)	1	CK,T
- 49	MS3106R14S2S	CONNECTOR, (ALT PN AN3106-14S2S)	1	MN,V
	5203519	COMPASS INSTL, NAVIGATOR REMOTE INDICATING MAGNETIC	3	MN,V
- 50	MS35206-232	SCREW, (ALT PN AN515-6-12)	3	MN,V
	MS21044N06	NUT, (ALT PN AN365-632)	1	MN,V
- 51	AN5730-2A	COMPASS ASSY, (GFAE)	3	MN,V
- 52	AN515-8R52	SCREW	3	MN,V
- 53	NAS43DD4-128	SPACER, (ALT PN S2033900-4D049-200)	3	MN,V
	MS35337-42	WASHER, (ALT PN AN935-8L)	6	MN,V
	AN960D8	WASHER	3	MN,V
	MS20341-8S	NUT, (ALT PN AN340-8)	12	MN,V
- 54	MS35218-25	SCREW, (ALT PN AN515D6-6)	12	MN,V
	MS21044D06	NUT, (ALT PN AN365D632)	3	MN,V
- 55	AN8008D1	INSULATOR ASSY	1	MN,V
- 56	4203446	PLATE, NAVIGATOR COMPASS MOUNT		

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
143	CONTINUED			
	3209898	COMPASS INSTL, NAVIGATOR REMOTE	1	FK
- 57	AN5800-2	CASE	1	FK
- 58	MS35206-233	SCREW, (ALT PN AN515-6-14)	3	FK
	MS21044N06	NUT, (ALT PN AN365-632)	3	FK
- 59	AN5730-2A	COMPASS ASSY, (GFAE)	1	FK
- 60	MS35206-248	SCREW, (ALT PN AN515-8-14)	3	FK
	AN960D8	WASHER	12	FK
	AN960-8	WASHER	6	FK
	MS35337-42	WASHER, (ALT PN AN935-8L)	3	FK
	MS20341-8S	NUT, (ALT PN AN340-8)	3	FK
- 61	MS35206-226	SCREW, (ALT PN AN515-6-4)	12	FK
	MS21044N06	NUT, (ALT PN AN365-632)	12	FK
- 62	AN8008D1	INSULATOR ASSY	3	FK
- 63	4209899	PLATE, NAVIGATOR COMPASS MOUNT	1	FK
- 64	4209900	BRACKET, NAVIGATOR COMPASS	1	FK
	3205927	COMPASS INSTL, NAVIGATOR	1	PR
- 65	AN5800-4	HOLDER, CARD	1	PR
- 66	MS35206-233	SCREW, (ALT PN AN515-6-14)	3	PR
	MS21044N06	NUT, (ALT PN AN365-632)	3	PR
- 67	AN5730-2A	COMPASS ASSY, (GFAE)	1	PR
- 68	MS35206-248	SCREW, (ALT PN AN515-8-14)	3	PR
	AN960D8	WASHER	12	PR
	AN960-8	WASHER	6	PR
	MS35337-42	WASHER, (ALT PN AN935-8L)	3	PR
	MS20341-8S	NUT, (ALT PN AN340-8)	3	PR
- 69	MS35206-224	SCREW, (ALT PN AN515-6-4)	12	PR
	MS21044N06	NUT, (ALT PN AN365-632)	12	PR
- 70	AN8008M1	INSULATOR ASSY	3	PR
- 71	4205908	PLATE, NAVIGATOR COMPASS MOUNT	1	PR
- 72	4205909	BRACKET ASSY, NAVIGATOR COMPASS	1	PR
		(ATTACHING PARTS)		
- 73	S1114191A6-8	SCREW, RECESSED OVAL HEAD SHEET METAL	6	PR
- 74	MS35206-245	SCREW, (ALT PN AN515-8-8)	2	PR
	AN960-8	WASHER	2	PR
	MS35337-42	WASHER, (ALT PN AN935-8L)	2	PR
	MS20341-8S	NUT, (ALT PN AN340-8)	2	PR
- 75	NO NUMBER	DRIFTMETER ASSY, (TYPE B-5) (SPEC 94-27402) (GFAE)	1	AD
	NO NUMBER	DRIFTMETER ASSY, (TYPE B-5) (SPEC 94-27402)	1	ER
		A 001 THRU 025 AND 146 THRU 148		
		B 026 THRU 029		
		C 030 THRU 045, 555 AND 558		
		D 046 THRU 056, 556 AND 557		
		E 149 THRU 171		
		F 210		
		G 211 THRU 249		
		H 172, 174, 250 THRU 330 AND 528 THRU 534		
		J 175, 331 THRU 433, 535 AND 536		
		K 173, 176, 177, 434 THRU 527 AND 537 THRU 541		
		L 057 THRU 063		
		M 064 THRU 070 AND 178		
		N 071 THRU 087		
		P 088 THRU 108		
		R 109 THRU 145 AND 179 THRU 209		
		S 542 THRU 554		
		T 064 THRU 145 AND 178 THRU 209		
		U 001 THRU 045, 146 THRU 148, 555 AND 558		
		V 030 THRU 056, 149 THRU 171 AND 555 THRU 558		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING.		

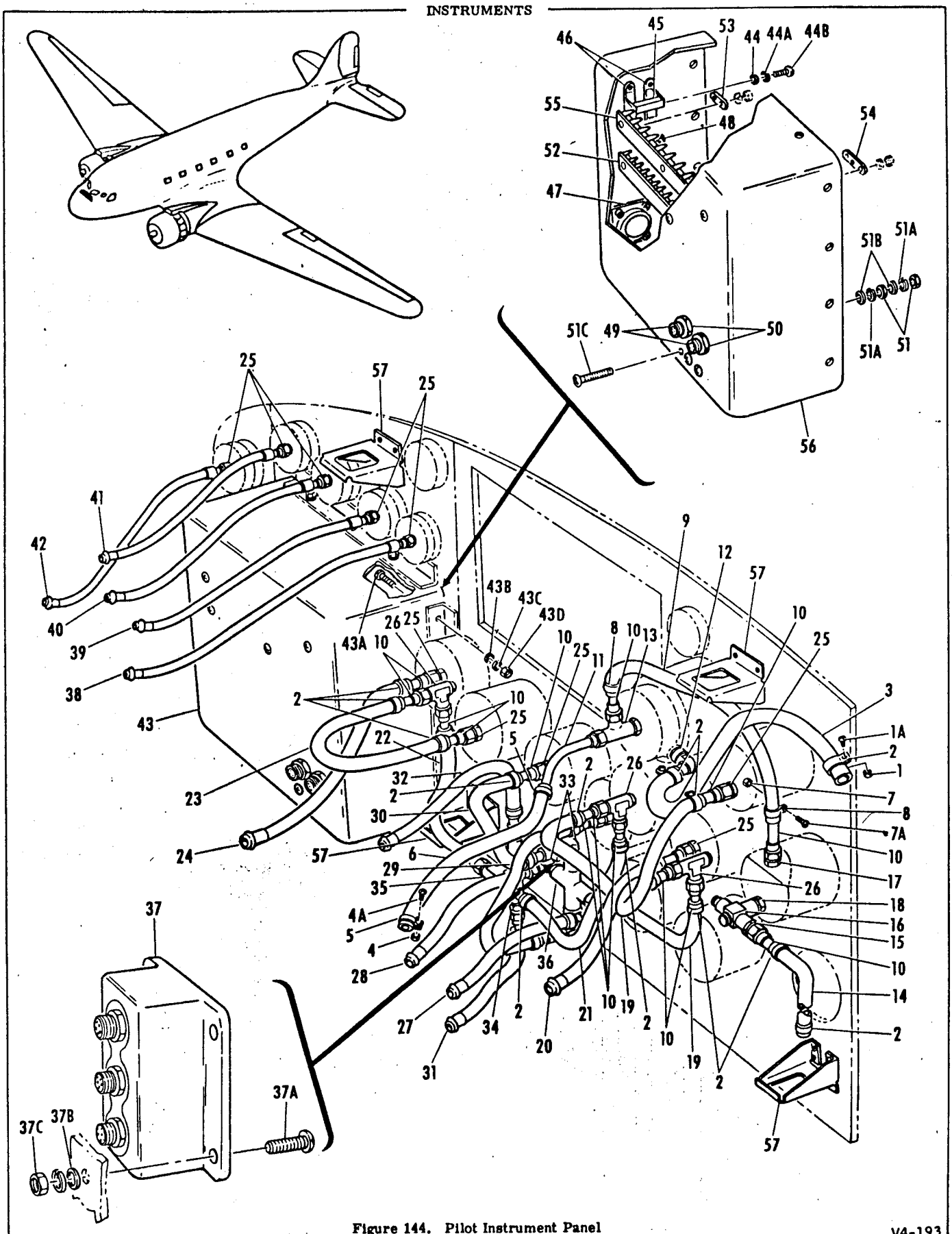

Figure 144. Pilot Instrument Panel

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FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
144	5141104	PANEL ASSY, PILOT INSTRUMENT (SEE FIG. 142 FOR NHA)	REF	A
	5202142	PANEL ASSY, PILOT INSTRUMENT (SEE FIG. 142 FOR NHA)	REF	B
- 1	MS21044D08	NUT, (ALT PN AN365D832)	24	AB
- 1A	MS35206-245	SCREW, (ALT PN AN515-8-8)	24	AB
- 2	S127057-7	CLIP, LOOP TYPE TUBE	1	AB
- 3	5116836-10	HOSE, ARTIFICIAL HORIZON TO MANIFOLD	2	A
- 4	MS21044N08	NUT, (ALT PN AN365-832)	2	A
- 4A	MS35206-244	SCREW, (ALT PN AN515-8-7)	2	A
- 5	S127057-8	CLIP, LOOP TYPE TUBE	1	A
- 6	5116836-21	HOSE, ARTIFICIAL HORIZON TO VACUUM AIR FILTER	2	AB
- 7	MS21044N08	NUT, (ALT PN AN365-832)	2	AB
- 7A	MS35206-244	SCREW, (ALT PN AN515-8-7)	2	AB
- 8	S127057-8	CLIP, LOOP TYPE TUBE	1	AB
- 9	5116836-20	HOSE, ARTIFICIAL HORIZON TO TURN AND BANK	23	AB
- 10	5112305-14	PIPE ASSY, INSTRUMENT COUPLING	1	AB
- 11	5112305-23	PIPE ASSY, HOSE TO ARTIFICAL HORIZON	1	AB
- 12	AN844-6	ELBOW	1	AB
- 13	8-4-4RT-D	TEE, (45681)	1	AB
- 14	5116836-9	HOSE, TURN AND BANK TO MANIFOLD	1	AB
- 15	AC811FT4D	NIPPLE	1	AB
- 16	AN5829-2	VALVE, (ALT PN 275205 (79470))	1	AB
- 17	AC811FT4D	NIPPLE	1	AB
- 18	AN911-1D	NIPPLE, (ALT PN 895D90)	1	AB
- 19	5116836-8	HOSE, LH AIRSPEED STATIC TO CLIMB INDICATOR AND LH ALTIMETER	2	AB
- 20	5116836-2	HOSE, LH AIRSPEED PRESSURE TO MANIFOLD	1	AB
- 21	5116836-7	HOSE, CLIMB INDICATOR TO STATIC SELECTOR VALVE	1	AB
- 22	5116836-4	HOSE, SELECTOR VALVE TO STATIC AIRSPEED	1	AB
- 23	5116836-3	HOSE, STATIC AIRSPEED TO RH ALTIMETER	1	AB
- 24	5116836-1	HOSE, AIRSPEED PRESSURE TO MANIFOLD	1	AB
- 25	AC811FT4D	NIPPLE	11	AB
- 26	AC811RT4D	TEE	3	AB
- 27	5116836-13	HOSE, PRESSURE SELECTOR VALVE TO MANIFOLD	1	AB
- 28	5116836-14	HOSE, PRESSURE SELECTOR VALVE TO MANIFOLD	1	AB
- 29	5116836-11	HOSE, LH MANIFOLD PRESSURE INDICATOR TO SELECTOR VALVE	1	AB
- 30	5116836-12	HOSE, RH MANIFOLD PRESSURE INDICATOR TO SELECTOR VALVE	1	AB
- 31	5116836-5	HOSE, STATIC SELECTOR VALVE TO MANIFOLD	1	AB
- 32	5116836-6	HOSE, STATIC SELECTOR VALVE TO MANIFOLD	1	AB
- 33	AC811CT4D	ELBOW	4	AB
- 34	AC811FT4D	NIPPLE	2	AB
- 35	AC811ST4D	TEE	1	AB
- 36	S1019166	VALVE ASSY, NO. 4 PV PARKER REWORKED	1	AB
- 37	AN5831-1A	VALVE, (ALT PN 4-2139 (45681))	1	AB
		(ATTACHING PARTS)		
- 37A	MS35214-25	SCREW, (ALT PN AN515B6R6)	4	AB
	MS35214-28	SCREW, (ALT PN AN515B6-10)	4	AB
- 37B	AN960B6	WASHER	8	AB
	MS35338-41	WASHER, (ALT PN AN935-6)	8	AB
- 37C	AN340B6	NUT	4	AB
- 38	5116836-15	HOSE, LH FUEL PRESSURE INDICATOR TO BRACKET	1	AB
- 39	5116936-16	HOSE, RH FUEL PRESSURE INDICATOR TO BRACKET	1	AB
- 40	5116836-17	HOSE, LH OIL PRESSURE INDICATOR TO BRACKET	1	AB
- 41	5116836-18	HOSE, RH OIL PRESSURE INDICATOR TO BRACKET	1	AB
- 42	5116836-19	HOSE, DEICER PRESSURE INDICATOR TO BRACKET	1	AB
- 43	5140949	BOX ASSY, ELECTRICAL INSTRUMENT	1	AB
		(ATTACHING PARTS)		
- 43A	MS35214-25	SCREW, (ALT PN AN515B6-6)	14	AB
- 43B	AN960-6	WASHER	14	AB
- 43C	MS35338-41	WASHER, (ALT PN AN935-6)	14	AB
- 43D	AN340B6	NUT	14	AB
- 44	AN960D6	WASHER	2	AB
- 44A	MS35333-105	WASHER, (ALT PN AN936B6)	2	AB
- 44B	MS35206-280	SCREW, (ALT PN AN515-6-5)	2	AB
- 45	1139268	SPACER, LANDING GEAR WARNING LIGHT RESISTOR	1	AB
- 46	1011	RESISTOR ASSY, 75 OHMS (44655)	2	AB
- 47	1K-A34-32SL	PLUG, (71468)	1	AB
- 48	MS35489-72	GROMMET, (ALT PN AN931-8-13)	1	AB
- 49	28-0376	CONNECTOR, BOX (08484)	2	AB
- 50	NAF213028-3	NUT, (ALT PN 6-0312 (08484))	2	AB
- 51	AN340B8	NUT	6	AB
- 51A	MS35338-42	WASHER, (ALT PN AN935-8)	6	AB
- 51B	AN960B8	WASHER	6	AB
- 51C	MS35214-44	SCREW, (ALT PN AN515B8-12)	3	AB
- 52	S2032879-8A7-12	STRIP	1	AB
	2114803	PANEL ASSY, ELECTRIC INSTRUMENT BOX CONNECTOR	1	AB
- 53	NAS44-10-2	BAR, (ALT PN S124360-750-2)	1	AB
- 54	NAS44-10-3	BAR, (ALT PN S124360-750-3)	1	AB
- 55	S1023799A12	TERMINAL STRIP	1	AB
- 56	5114750	BOX, ELECTRICAL JUNCTION 10-5/16 X 12-13/32	1	AB
- 57	2116070	BRACKET, INSTRUMENT PANEL SHOCK MOUNT	5	AB
		A 001 THRU 029 AND 146 THRU 148		
		B 030 THRU 045, 555 AND 558		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

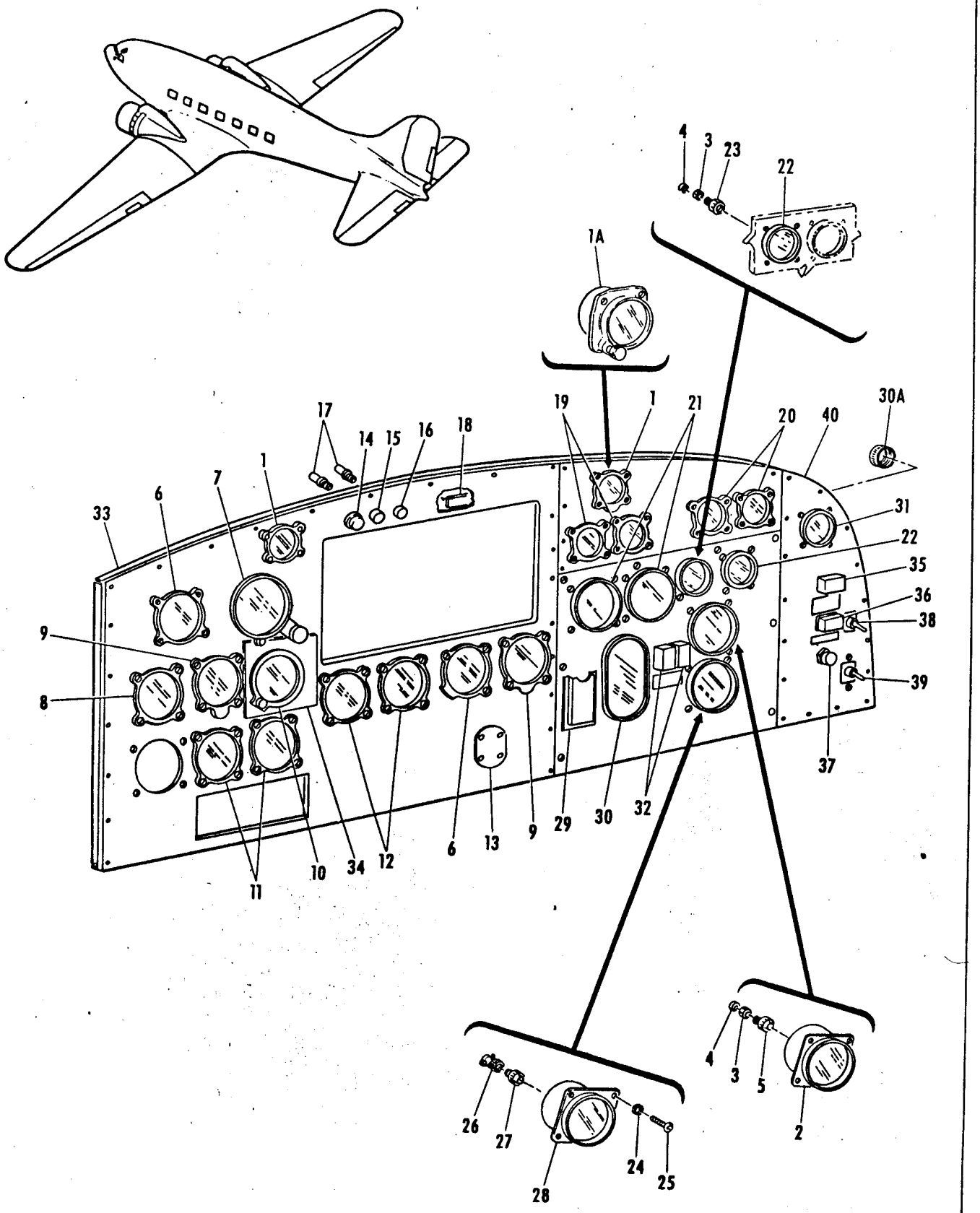


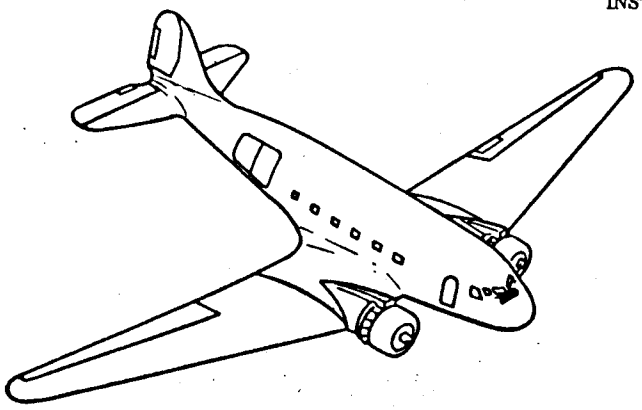
Figure 145. Pilot Instrument Panel

V4-179

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
145	5141104	PANEL ASSY, PILOT INSTRUMENT (SEE FIG. 142 FOR NHA)	REF	A
	5202142	PANEL ASSY, PILOT INSTRUMENT (SEE FIG. 142 FOR NHA)	REF	B
- 1	3310-2	CLOCK ASSY, (19315)	2	A
	3310-2	CLOCK ASSY, (19315)	1	B
- 1A	AN5730-2B	COMPASS ASSY, (GFAE)	1	B
- 2	AN5795-6	INDICATOR ASSY, (GFAE)	1	AB
- 3	AAF36A2212-2	NUT, (ALT PN 118-1-0375)	1	AB
	AN3054-6	NUT	2	A
- 4	MS35489-10	GROMMET, (ALT PN AN931-6-10)	1	AB
	MS35489-9	GROMMET, (ALT PN AN931-5-9)	2	AB
- 5	MS3106R14S5S	CONNECTOR, (ALT PN 2075-8 (71468))	1	AB
- 6	NO NUMBER	ALTIMETER ASSY, (TYPE C-12) (SPEC 94-27957A) (GFAE)	2	AB
- 7	AN5736-1	INDICATOR ASSY, (GFAE)	1	AB
	MS20913-2	PLUG, (ALT PN 895B71)	1	AB
- 8	NO NUMBER	INDICATOR ASSY, TURN AND BANK (TYPE A11) (SPEC AN5820) (GFAE)	1	AB
	MS20913-1	PLUG, (ALT PN 895B70)	1	AB
- 9	1423-3G	INDICATOR ASSY, AIRSPEED MILES PER HOUR (19315) (ALT PN MS28046W1 (61349))	2	AB
	MS28046W1	INDICATOR ASSY, AIRSPEED KNOTS (61349)	2	AB
- 10	1634-1M	INDICATOR ASSY, RATE OF CLIMB (19315)	1	A
	1600-1A	INDICATOR ASSY, RATE OF CLIMB (19315)	1	B
- 11	NO NUMBER	TACHOMETER ASSY, (TYPE 54AE) (MODEL 545) (65092)	2	AB
- 12	298H01	INDICATOR ASSY, MANIFOLD PRESSURE (89944)	2	AB
- 13	1189621	PLATE, INSTRUMENT COVER	1	B
- 14	A401M4	SWITCH ASSY, (81640) (SEE T.O. 1C-1-31 AND T.O. 1C-1-209)	1	AB
- 15	5394347-39	CAP, SOCKET LH (MAKE FROM 130ARP CAP (81590)) (SEE T.O. 1C-1-31 AND T.O. 1C-1-209)	1	AB
- 16	5394347-41	CAP, SOCKET RH (MAKE FROM 130ARP CAP (81590)) (SEE T.O. 1C-1-31 AND T.O. 1C-1-209)	1	AB
- 17	130ARP	SOCKET ASSY, LAMP (81590) (SEE T.O. 1C-1-31 AND T.O. 1C-1-209)	2	AB
- 18	NAS191-8	PANEL ASSY, (SEE T.O. 1C-1-31)	1	AB
- 19	AW1-7/8-15	INDICATOR ASSY, FUEL PRESSURE (WITH 1/8 IP OUTLET) (61349)	2	AB
- 20	AW1-7/8-14CJ	INDICATOR ASSY, OIL PRESSURE (WITH AD9109 DIAL AND 1/8 IP OUTLET) (61349)	2	AB
- 21	NO NUMBER	INDICATOR ASSY, CYLINDER TEMPERATURE (TYPE 31) (MODEL 602) (65092)	2	AB
- 22	NO NUMBER	INDICATOR ASSY, OIL TEMPERATURE (TYPE 187) (MODEL 606) (65092)	2	AB
	NO NUMBER	INDICATOR ASSY, FREE AIR TEMPERATURE	1	A
	NO NUMBER	INDICATOR ASSY, OUTSIDE AIR TEMPERATURE (TYPE C-11) (SPEC 94-27949) (GFAE)	1	A
- 23	MS3106R14S1S	CONNECTOR, (ALT PN AN3106-14S1S)	1	AB
	MS3106R14S2S	CONNECTOR, (ALT PN AN3106-14S2S)	1	A
- 24	AN960B6	WASHER	12	B
- 25	MS35215B44	SCREW, (ALT PN S102730186-12)	12	B
- 26	MS3057-6A	CLAMP, (ALT PN AN3057-6)	1	B
- 27	MS3106R14S2S	CONNECTOR, (ALT PN AN3106-14S2S)	1	AB
- 28	NO NUMBER	INDICATOR ASSY, OUTSIDE AIR TEMPERATURE (TYPE 90) (MODEL 602) (65092)	1	AB
- 29	AN5800-2	CASE	1	B
- 30	EA48-5-24	INDICATOR ASSY, FUEL QUANTITY (36536)	1	AB
- 30A	AN3054-8	NUT	1	AB
- 31	225F01	INDICATOR ASSY, DEICER PRESSURE (89944)	1	AB
- 32	1505-1	LIGHT ASSY, DUAL WARNING (70804)	2	AB
- 33	5141051	PANEL ASSY, PILOT FLIGHT INSTRUMENT	1	AB
- 34	2189571	PLATE, RATE OF CLIMB MOUNT	1	AB
	4141049	PANEL ASSY, END LH	1	AB
- 35	204BP-R	LIGHT ASSY, (81590)	1	AB
- 36	204BP-G	LIGHT ASSY, (81590)	1	AB
- 37	103A	LIGHT ASSY, RED (81590)	1	AB
- 38	8201	SWITCH ASSY, (15605)	1	AB
- 39	AN3023-2	SWITCH ASSY, (ALT PN 8721K1 (15605))	1	AB
- 40	4141049-2	PANEL, END RH	1	AB

A 001 THRU 029 AND 146 THRU 148
B 030 THRU 045, 555 AND 558

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING



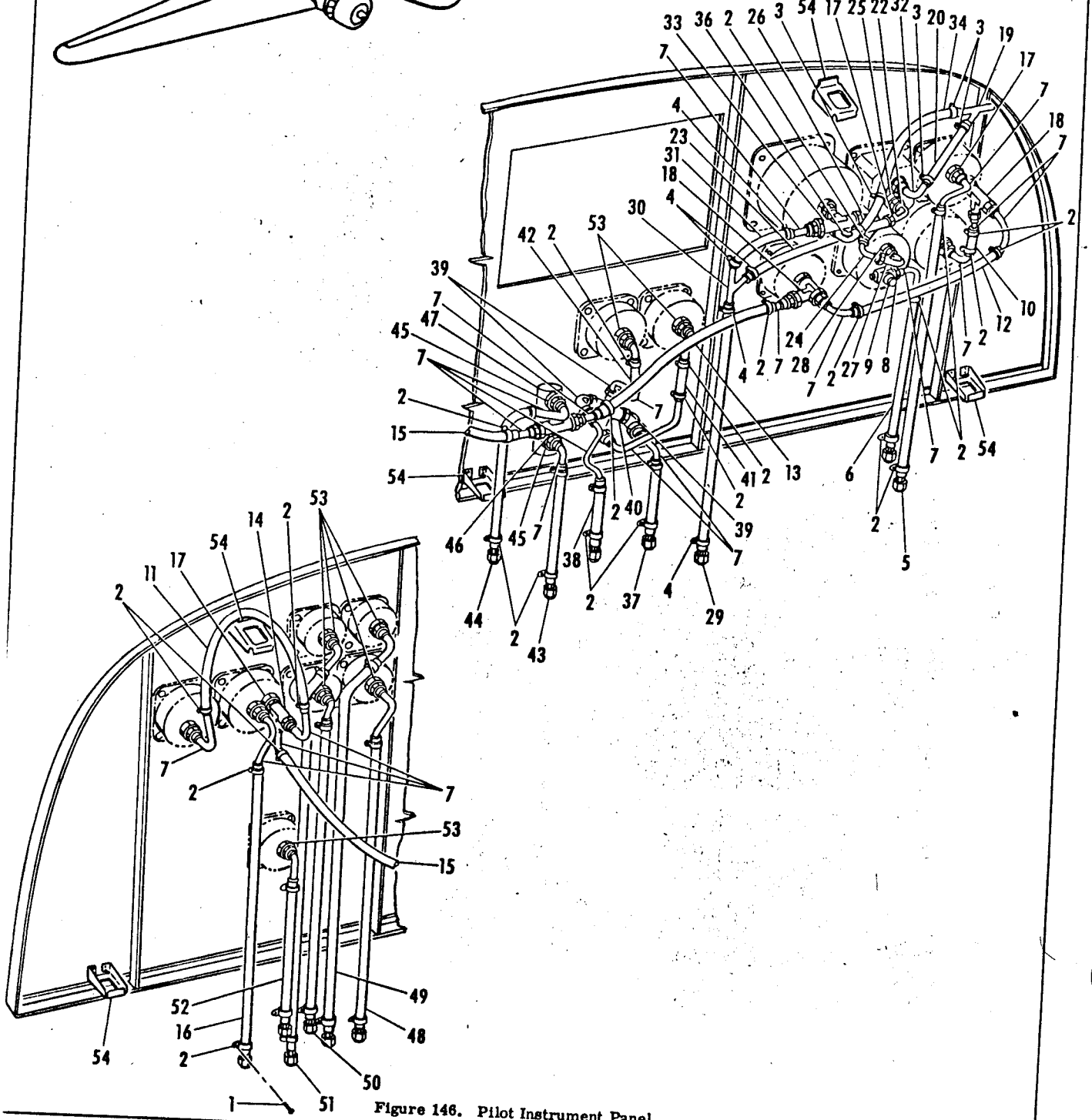


Figure 146. Pilot Instrument Panel

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
146	5209800	PANEL ASSY, PILOT INSTRUMENT (SEE FIG. 142 FOR NHA)	REF	A
- 1	MS35206-244	SCREW, (ALT PN AN515-8-7)	36	A
	MS21044D08	NUT, (ALT PN AN365D832)	26	A
- 2	S127057-7	CLIP, LOOP TYPE TUBE	4	A
- 3	S127057-10	CLIP, LOOP TYPE TUBE	6	A
- 4	S127057-12	CLIP, LOOP TYPE TUBE	1	A
- 5	5209805-2	HOSE, LH AIRSPEED PRESSURE TO MANIFOLD	1	A
- 6	5209805-8	HOSE, TURN AND BANK INDICATOR TO MANIFOLD	23	A
- 7	5112305-14	PIPE ASSY, INSTRUMENT COUPLING	1	A
- 8	AAF811FT4D	NIPPLE	1	A
- 9	AN5829-2	VALVE ASSY, (ALT PN AN5829-1)	1	A
- 10	5209805-7	HOSE, LH AIRSPEED STATIC TO LH ALTIMETER	1	A
- 11	5209805-3	HOSE, RH AIRSPEED STATIC TO RH ALTIMETER	1	A
- 12	5209805-6	HOSE, LH AIRSPEED STATIC TO RATE OF CLIMB INDICATOR	1	A
- 13	5209805-5	HOSE, RATE OF CLIMB INDICATOR TO STATIC SELECTOR VALVE	1	A
- 14	AAF811RT4D	TEE	1	A
- 15	5209805-4	HOSE, RH AIRSPEED STATIC TO STATIC SELECTOR VALVE	1	A
- 16	5209805-1	HOSE, RH AIRSPEED PRESSURE TO MANIFOLD	2	A
- 17	AAF811FT4D	NIPPLE	2	A
- 18	AAF811RT4D	TEE	1	A
- 19	2209808	WYE ASSY, INSTRUMENT PANEL 3/8 OD	1	A
- 20	5209805-16	HOSE, DIRECTIONAL GYRO TO WYE		
- 21	DELETED		1	A
- 22	AN844-6D	ELBOW	1	A
- 23	5209805-14	HOSE, DIRECTIONAL GYRO TO WYE	1	A
- 24	5112305-23	TUBE ASSY, INSTRUMENT COUPLING	1	A
- 25	8-4FTD	NIPPLE, (92003)	1	A
- 26	5209805-12	HOSE, ARTIFICIAL HORIZON TO TURN AND BANK INDICATOR	1	A
- 27	AAF811CT4D	ELBOW	1	A
- 28	AN911-1D	NIPPLE, (ALT PN AAF895D90)	1	A
- 29	5209805-15	HOSE, WYE TO VACUUM AIR FILTER	1	A
- 30	2209809	WYE ASSY, INSTRUMENT PANEL LINE 1/2 OD	1	A
- 31	5209805-13	HOSE, ARTIFICIAL HORIZON TO WYE	1	A
- 32	5112305-23	PIPE ASSY, INSTRUMENT COUPLING	1	A
- 33	AAF8-4-4RTD	TEE, (92003)	1	A
- 34	5209805-9	HOSE, ARTIFICIAL HORIZON TO WYE		
- 35	DELETED		1	A
- 36	AN844-6D	ELBOW	1	A
- 37	5116836-14	HOSE, SELECTOR VALVE TO MANIFOLD	1	A
- 38	5116836-13	HOSE, SELECTOR VALVE TO MANIFOLD	4	A
- 39	AAF811CT4D	ELBOW	1	A
- 40	51019166	VALVE ASSY, NO. 4 PV PARKER REWORKED	1	A
- 41	5209805-10	HOSE, LH MANIFOLD PRESSURE INDICATOR TO SELECTOR VALVE	1	A
- 42	5209805-11	HOSE, RH MANIFOLD PRESSURE INDICATOR TO SELECTOR VALVE	1	A
- 43	5116836-5	HOSE ASSY, STATIC SELECTOR VALVE ALTERNATE SOURCE TO MANIFOLD	1	A
- 44	5116836-6	HOSE ASSY, STATIC SELECTOR VALVE PITOT STATIC TO MANIFOLD	2	A
- 45	AAF811FT4D	NIPPLE	1	A
- 46	AAF811ST4D	TEE	1	A
- 47	4-2139	VALVE ASSY, INSTRUMENT STATIC SELECTOR (PER DOUGLAS SPEC DWG 2115896) (45681)	1	A
- 48	5116836-15	HOSE ASSY, LH FUEL PRESSURE INDICATOR TO BRACKET	1	A
- 49	5116836-17	HOSE ASSY, LH OIL PRESSURE INDICATOR TO BRACKET	1	A
- 50	5116836-16	HOSE ASSY, RH FUEL PRESSURE INDICATOR TO BRACKET	1	A
- 51	5116836-18	HOSE ASSY, RH OIL PRESSURE INDICATOR TO BRACKET	1	A
- 52	5116836-19	HOSE ASSY, DEICER PRESSURE INDICATOR TO BRACKET	7	A
- 53	AAF811FT4D	NIPPLE	5	A
- 54	2116070	BRACKET, INSTRUMENT PANEL SHOCK MOUNT		
		A 046 THRU 056, 556 AND 557		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

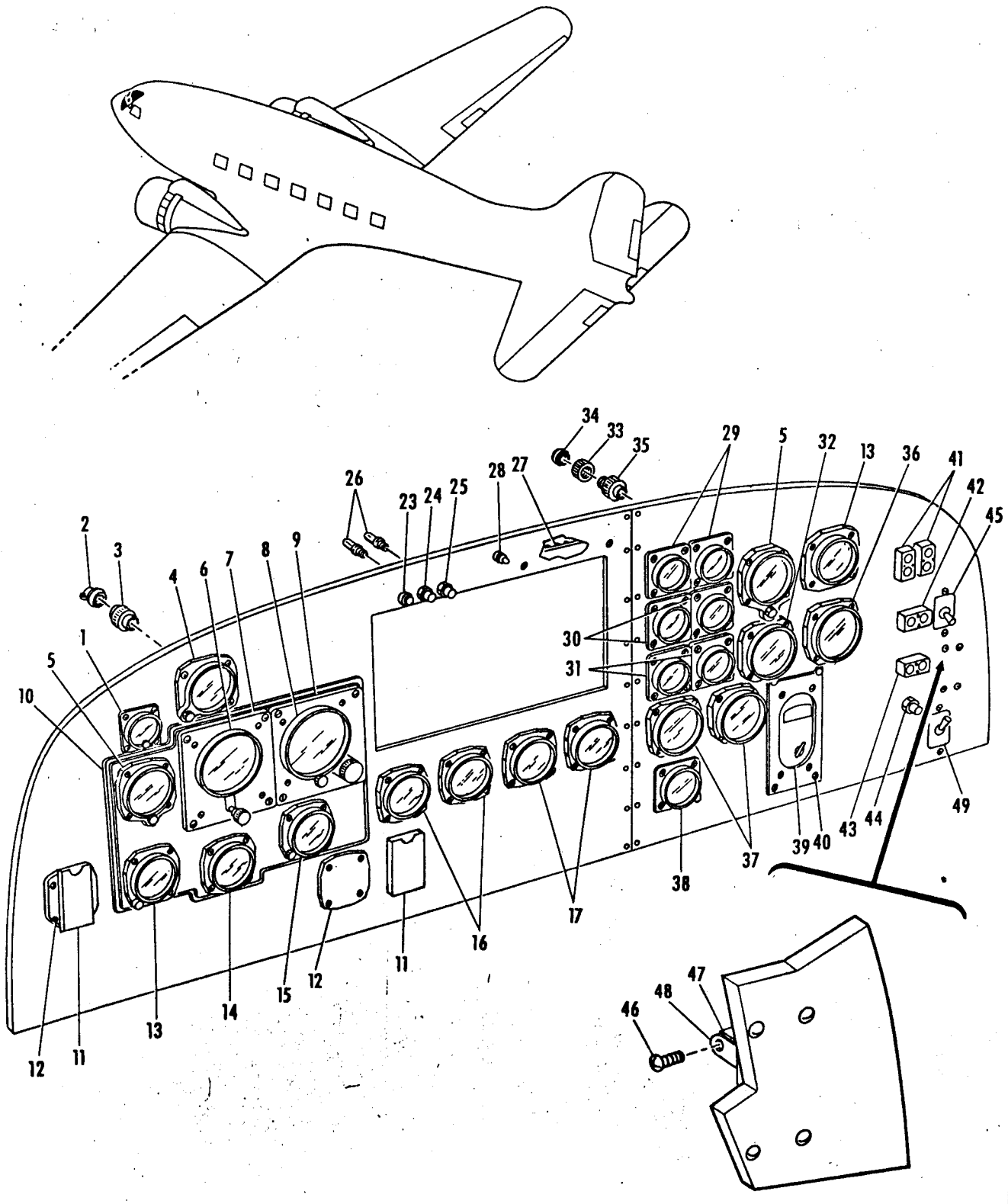
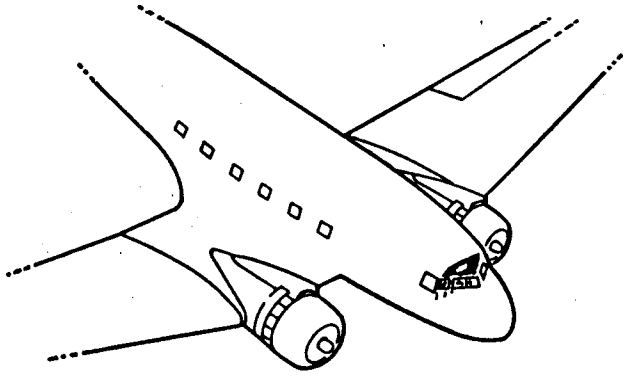


Figure 147. Pilot Instrument Panel

V4-195

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
147	5209800	PANEL ASSY, PILOT INSTRUMENT (SEE FIG. 142 FOR NHA)	REF	A
- 1	3310-2	CLOCK ASSY, (19315)	1	A
- 2	MS3057-6A	CLAMP	1	A
- 3	MS3106R14S2S	PLUG, (ALT PN AN3106-14S2S)	1	A
- 4	AN5730-2B	COMPASS ASSY, (GFAE)	2	A
- 5	1423-3G	INDICATOR ASSY, AIRSPEED (19315)	1	A
- 6	AN5735-1	INDICATOR, (GFAE)	1	A
- 7	43B7015	PLATE, MOUNT (GFAE)	1	A
- 8	AN5736-1A	INDICATOR, (GFAE)	1	A
- 9	43B7016	PLATE, MOUNT (GFAE)	1	A
- 10	43D7014	FRAME ASSY, MOUNT PLATE (GFAE)	2	A
- 11	AN5800-2	CASE	2	A
- 12	S107926-2	COVER, INSTRUMENT PANEL CUTOUT	2	A
- 13	NO NUMBER	ALTIMETER ASSY, (TYPE C-12) (SPEC 94-27957) (GFAE)	1	A
- 14	NO NUMBER	INDICATOR ASSY, TURN AND BANK (TYPE A-11) (SPEC 94-27348) (GFAE)	1	A
- 15	1634-1M	INDICATOR ASSY, RATE OF CLIMB (19315)(MS28049-1)	1	A
- 16	298H01	INDICATOR ASSY, MANIFOLD PRESSURE (89944)	2	A
- 17	NO NUMBER	TACHOMETER ASSY, (TYPE 54AE) (MODEL 545) (65092)	2	A
	MS35489-134	GROMMET, (ALT PN AN931-3-9)	2	A
	4-0376	NUT, COUPLING (08484)	2	A
- 18	DELETED			
- 19	DELETED			
- 20	DELETED			
- 21	DELETED			
- 22	DELETED			
- 23	A401M4	SWITCH ASSY, (81640) (SEE T.O. 1C-1-31 AND T.O. 1C-1-209)	1	A
- 24	5394347-39	CAP, SOCKET LH (MAKE FROM 130ARP CAP (81590)) (SEE T.O. 1C-1-31 AND T.O. 1C-1-209)	1	A
- 25	5394347-41	CAP, SOCKET RH (MAKE FROM 130ARP CAP (81590)) (SEE T.O. 1C-1-31 AND T.O. 1C-1-209)	1	A
- 26	130ARP	SOCKET ASSY, LAMP (81590) (LESS CAP) (SEE T.O. 1C-1-31 AND T.O. 1C-1-209)	2	A
- 27	NAS191-8	PANEL ASSY, (SEE T.O. 1C-1-31)	1	A
- 28	AN3136-1	LAMP ASSY, (GFAE)	1	A
- 29	10226A12	INDICATOR ASSY, OIL PRESSURE (WITH 1/8 IP OUTLET AND AD1909 DIAL) (61349)	2	A
- 30	AW1-1/8-15	INDICATOR ASSY, FUEL PRESSURE (WITH 1/8 IP OUTLET) (61349)	2	A
- 31	NO NUMBER	INDICATOR ASSY, OIL TEMPERATURE (TYPE 187) (MODEL 606) (65092)	1	A
- 32	NO NUMBER	INDICATOR ASSY, OUTSIDE AIR TEMPERATURE (TYPE 90) (MODEL 602) (65092)	1	A
- 33	AN3054-6	NUT	1	A
- 34	MS35489-134	GROMMET, (ALT PN AN931-3-9)	1	A
- 35	MS3106R14S5S	PLUG, (ALT PN 2075-8 (71468))	1	A
- 36	AN5795-6	INDICATOR, (GFAE)	2	A
- 37	AN5536T2A	INDICATOR ASSY, CYLINDER TEMPERATURE (TYPE 31) (MODEL 602) (65092)	1	A
- 38	225F01	INDICATOR ASSY, DEICER PRESSURE (89944)	1	A
- 39	EA48-5-24	INDICATOR ASSY, LIQUIDOMETER (36536)	1	A
	AN3054-8	NUT	1	A
	MS3106R16S1S	PLUG, (ALT PN 2077-2 (71468))	1	A
- 40	2203947	PLATE, FUEL QUANTITY GAGE FRONT MOUNT	2	A
- 41	1505-1	LIGHT ASSY, DUAL WARNING (70804)	1	A
- 42	204BP-R	LIGHT ASSY, (81590)	1	A
- 43	204BP-G	LIGHT ASSY, (81590)	1	A
- 44	103A-R	LIGHT ASSY, (81590)	1	A
- 45	8201	SWITCH, (15605)	2	A
- 46	MS35206-227	SCREW, (ALT PN AN515-6-5)	2	A
	MS35335-30	WASHER, (ALT PN AN936B6)	1	A
- 47	1139268	SPACER, LANDING GEAR WARNING LIGHT RESISTOR	2	A
- 48	1011	RESISTOR ASSY, (75 OHM) (44655)	1	A
- 49	AN3023-2	SWITCH, (ALT PN 8721K1 (15605))		
		A 046 THRU 056, 556 AND 557		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		



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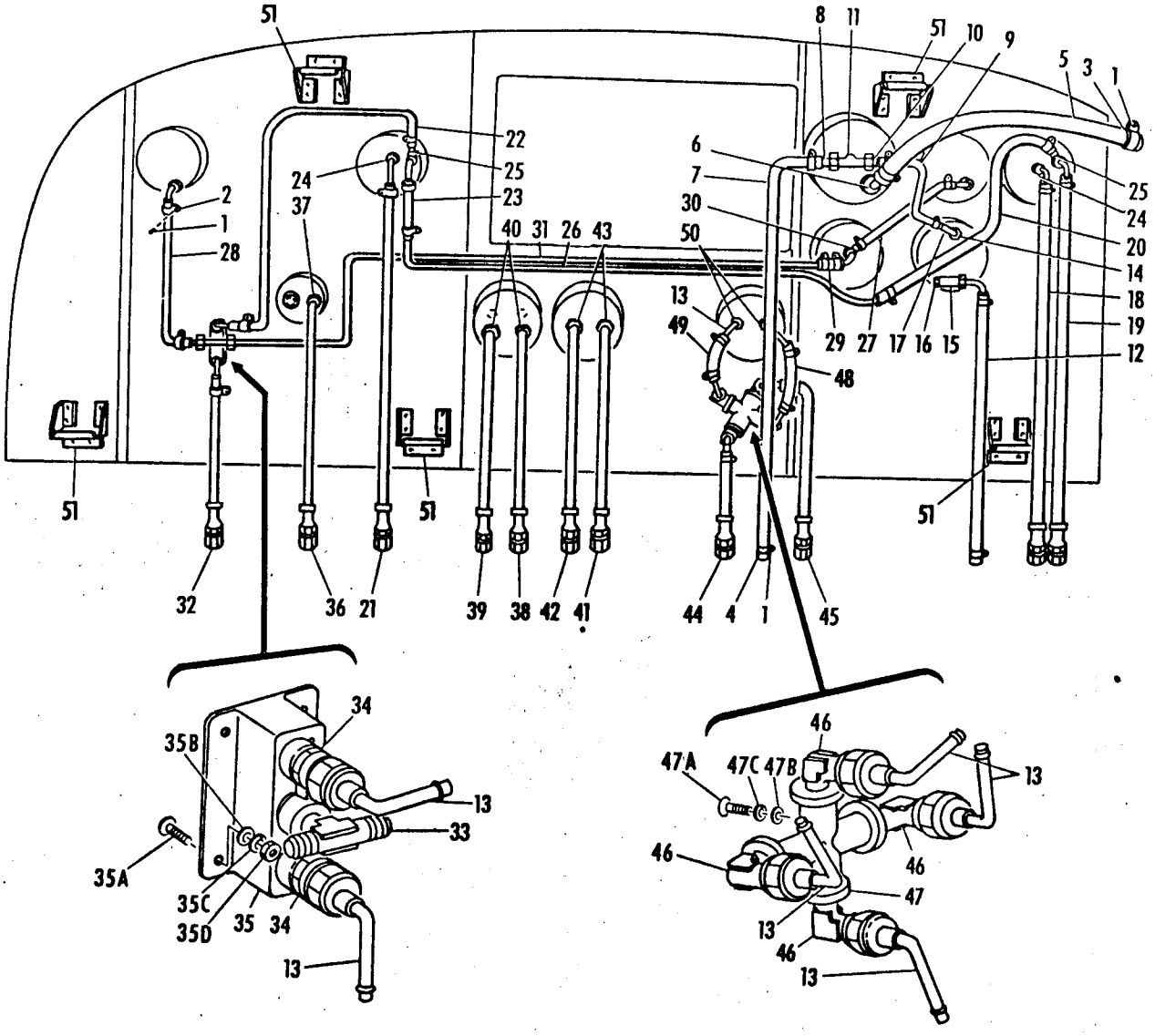

Figure 148. Pilot Instrument Panel

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FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
148	5202165	PANEL ASSY, PILOT INSTRUMENT (SEE FIG. 142 FOR NHA)	REF	AB
- 1	MS35206-245	SCREW, (ALT PN AN515-8-8)	30	AB
- 2	2M2310	CLAMP, SHERMAN STOCK (78988) (ALT PN 2M3249(78988))	26	AB
- 3	S127057-10	CLIP, LOOP TYPE TUBE	2	AB
- 4	S127057-12	CLIP, LOOP TYPE TUBE	2	AB
- 5	5116836-10	HOSE, GYRO HORIZON TO MANIFOLD	1	AB
- 6	AN844-6	ELBOW	1	AB
- 7	5116836-21	HOSE, GYRO HORIZON TO AIR FILTER	1	AB
- 8	5112305-23	PIPE ASSY, INSTRUMENT COUPLING	1	AB
- 9	5116836-29	HOSE, GYRO HORIZON TO TURN AND BANK	1	AB
- 10	5112305-14	PIPE ASSY, INSTRUMENT COUPLING	1	AB
- 11	8-4-4RT-D	TEE, (45681)	1	AB
- 12	5116836-30	HOSE, TURN AND BANK TO MANIFOLD	21	AB
- 13	5112305-14	PIPE ASSY, INSTRUMENT COUPLING	1	AB
- 14	AC811FT4D	NIPPLE	1	AB
- 15	275205	VALVE ASSY, VACUUM CONTROL (79470)	1	AB
- 16	AN911-1D	NIPPLE, (ALT PN AAF895D90)	1	AB
- 17	AC811CT4D	ELBOW	1	AB
- 18	5116836-24	HOSE ASSY, LH AIRSPEED PRESSURE TO MANIFOLD	1	AB
- 19	5116836-23	HOSE ASSY, LH AIRSPEED STATIC TO MANIFOLD	1	AB
- 20	5116836-22	HOSE, LH AIRSPEED STATIC TO TUBE	1	AB
- 21	5116836-40	HOSE ASSY, RH AIRSPEED PRESSURE TO MANIFOLD	1	AB
- 22	5116836-25	HOSE, RH AIRSPEED STATIC TO VALVE	1	AB
- 23	5116836-26	HOSE, RH AIRSPEED STATIC TO TUBE	2	AB
- 24	AC811FT4D	NIPPLE	2	AB
- 25	AC811RT4D	TEE	1	AB
- 26	5112305-30	PIPE, HOSE TO HOSE	1	AB
- 27	5116836-27	HOSE, LH ALTIMETER TO RATE OF CLIMB	1	AB
- 28	5116836-28	HOSE, RH ALTIMETER TO SELECTOR VALVE	1	AB
- 29	5116836-31	HOSE, RATE OF CLIMB TO TUBE	1	AB
- 30	AC811RT4D	TEE	1	AB
- 31	5112305-31	PIPE ASSY, HOSE TO STATIC PRESSURE SELECT VALVE	1	AB
- 32	5116836-38	HOSE ASSY, STATIC SELECTOR VALVE ALTERNATE SOURCE TO MANIFOLD	1	AB
- 33	AC811ST4D	TEE	1	AB
- 34	AC811FT4D	NIPPLE	2	AB
- 35	4-2139	VALVE ASSY, INSTRUMENT STATIC SELECTOR (PER DOUGLAS SPEC DWG 2115896) (45681)	1	AB
		(ATTACHING PARTS)		
- 35A	MS35214-28	SCREW, (ALT PN S1027301B6-10)	4	AB
- 35B	AN960B6	WASHER	4	AB
- 35C	MS35338-41	WASHER, (ALT PN AN935-6)	4	AB
- 35D	MS20341-6B	NUT	4	AB
- 36	5116836-39	HOSE ASSY, DEICER PRESSURE INDICATOR TO BRACKET	1	AB
- 37	AC811FT4D	NIPPLE	1	AB
- 38	5116836-37	HOSE ASSY, LH FUEL PRESSURE INDICATOR TO BRACKET	1	AB
- 39	5116836-36	HOSE ASSY, RH FUEL PRESSURE INDICATOR TO BRACKET	1	AB
- 40	AC811FT4D	NIPPLE	2	AB
- 41	5116836-35	HOSE ASSY, LH OIL PRESSURE INDICATOR TO BRACKET	1	A
- 42	5116836-34	HOSE ASSY, RH OIL PRESSURE INDICATOR TO BRACKET	1	A
	AN6270-2	HOSE ASSY	2	B
- 43	AC811FT4D	NIPPLE	2	A
	AN816-2D	NIPPLE	2	B
- 44	5116836-14	HOSE ASSY, SELECTOR VALVE TO MANIFOLD	1	AB
- 45	5116836-13	HOSE ASSY, SELECTOR VALVE TO MANIFOLD	1	AB
- 46	AC811CT4D	ELBOW	4	AB
- 47	S1019166	VALVE ASSY, NO. 4 PV PARKER REWORKED	1	AB
		(ATTACHING PARTS)		
- 47A	AN507C632R6	SCREW, (ALT PN S1087510SS6-6)	4	AB
- 47B	AN960B6	WASHER	4	AB
- 47C	MS35338-41	WASHER, (ALT PN AN935-6)	4	AB
- 48	5116836-33	HOSE, MANIFOLD PRESSURE INDICATOR TO SELECTOR VALVE	1	AB
- 49	5116836-32	HOSE, MANIFOLD PRESSURE INDICATOR TO SELECTOR VALVE	1	AB
- 50	AC811FT4D	NIPPLE	2	AB
- 51	2116070	BRACKET, INSTRUMENT PANEL MOUNT	5	AB
		A 057 THRU 070 AND 178		
		B 071 THRU 108		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

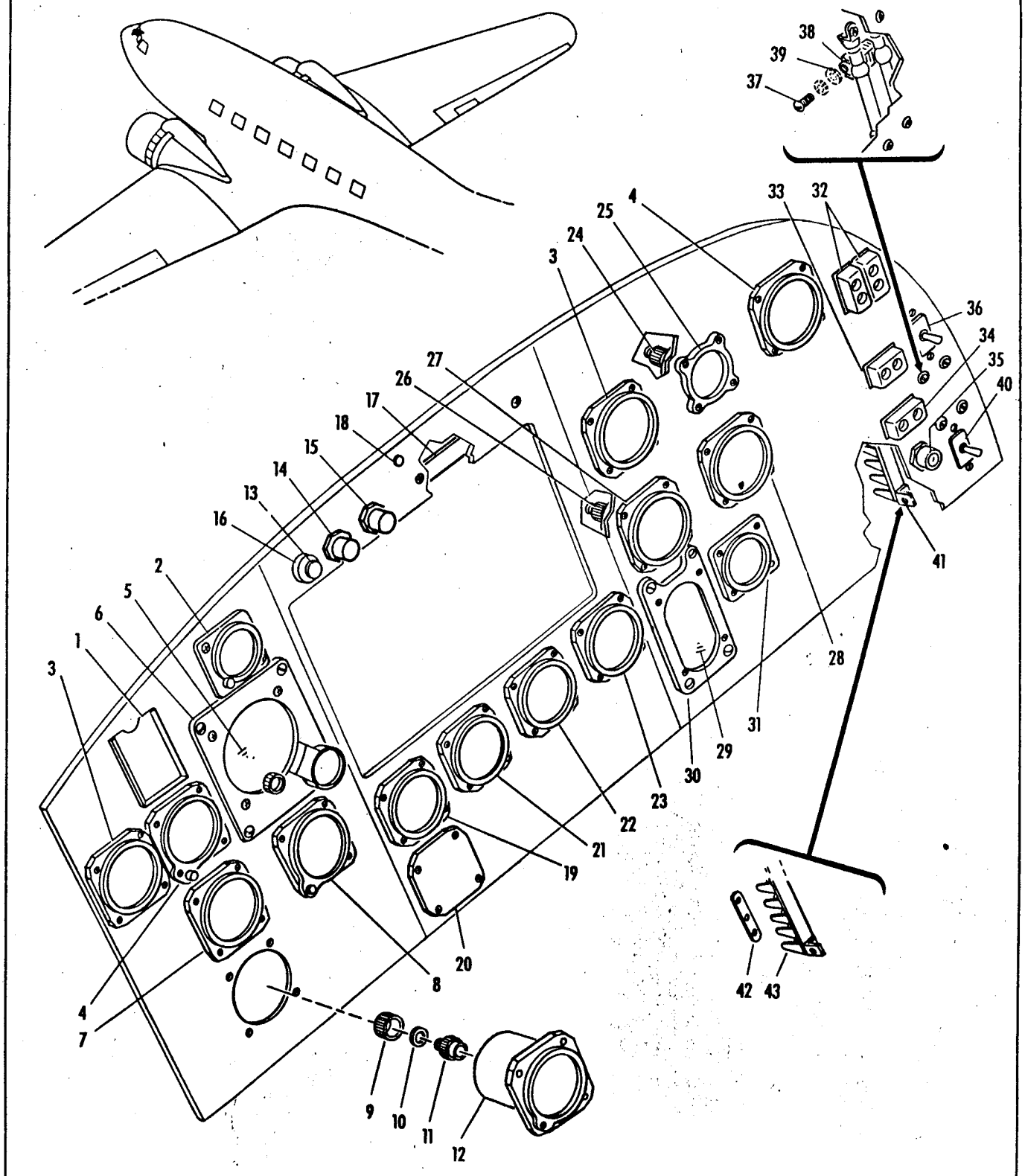


Figure 149. Pilot Instrument Panel

V4-297

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION (1 2 3 4 5 6 7)	U/A	USE CODE
		PANEL ASSY, PILOT INSTRUMENT (SEE FIG. 142 FOR NHA)	REF	A
149	5202165	CASE	1	A
- 1	AN5800-2	CLOCK ASSY, (TYPE A-11) (SPEC 94-27970) (GFAE)	1	A
- 2	AN5743-2	INDICATOR ASSY, AIRSPEED (TYPE C-14) (SPEC 94-27952) (GFAE)	2	A
- 3	AN5861-2	COUPLING	2	A
	AN910-1D	NIPPLE, (ALT PN AAF895D90)	2	A
	AN911-1D	ALTIMETER ASSY, (TYPE C-12) (SPEC 94-27957) (GFAE)	2	A
- 4	NO NUMBER	NIPPLE, (FURNISHED WITH ALTIMETER ASSY (TYPE C-12) (SPEC 94-27957))	1	A
	AC811FT4D	INDICATOR ASSY, (GFAE)	1	A
- 5	AN5736-1	PLATE, MOUNT (GFAE)	1	A
- 6	43B7016	INDICATOR ASSY, TURN AND BANK (TYPE A-11) (SPEC 94-27348) (GFAE)	1	A
- 7	MS28046	INDICATOR ASSY, RATE OF CLIMB (TYPE C-2) (SPEC 94-27967) (GFAE)	1	A
- 8	MS28049-1	NUT	1	A
- 9	AN3054-6	SPACER, (PN S2033901-12F312-004)	1	A
- 10		CONNECTOR, (ALT PN AN3106-14S2S)	1	A
- 11	MS3106R14S2S	COMPASS ASSY, (GFAE)	1	A
- 12	AN5730-2B	SWITCH ASSY, (81640) (SEE T.O. 1C-1-31 AND T.O. 1C-1-209)	1	A
- 13	A401M4	CAP, SOCKET LH (MAKE FROM 130ARP CAP (81590)) (SEE T.O. 1C-1-31 AND T.O. 1C-1-209)	1	A
- 14	5394347-39	CAP, SOCKET RH (MAKE FROM 130ARP CAP (81590)) (SEE T.O. 1C-1-31 AND T.O. 1C-1-209)	2	A
- 15	5394347-41	SOCKET ASSY, LAMP (81590) (LESS CAP) (SEE T.O. 1C-1-31 AND T.O. 1C-1-209)	1	A
- 16	130ARP	PANEL ASSY, (SEE T.O. 1C-1-31)	1	A
- 17	NAS191-8	LAMP ASSY	1	A
- 18	AN3136-1	GAGE ASSY, (GFAE)	1	A
- 19	AN5770-2	COVER, INSTRUMENT PANEL CUTOUT	1	A
- 20	S107926-2	INDICATOR ASSY, TACHOMETER (TYPE E-14) (SPEC 94-27355) (GFAE)	2	A
- 21	AN5530-2A12	CONNECTOR, (ALT PN AN3106-14S1S)	1	A
	MS3106R14S1S	GAGE ASSY, (GFAE) (ALT PN AN5772-2) (OIL PRESSURE)	1	A
- 22	MS28064-5	GAGE ASSY, (GFAE) (ALT PN AN5772-1) (OIL PRESSURE)	4	A
- 23	MS28064-3	FITTING, PRESSURE GAGE (FURNISHED WITH TRANSMITTER ASSY (SPEC 27383))	4	A
	NO NUMBER	VALVE ASSY, BLEEDER CHECK (FURNISHED WITH TRANSMITTER (SPEC 27383))	1	A
	NO NUMBER	CONNECTOR, (ALT PN AN3106-14S2S)	1	A
- 24	MS3106R14S2S	INDICATOR ASSY, (GFAE)	2	A
- 25	AN5790-6	CONNECTOR, (ALT PN AN3106-14S5S)	2	A
- 26	MS3106R14S5S	INDICATOR ASSY, (GFAE)	1	A
- 27	AN5795-6	INDICATOR ASSY, CYLINDER TEMPERATURE (TYPE B-11) (SPEC 94-27971) (GFAE)	1	A
- 28	AN5536T2A	INDICATOR ASSY, FUEL QUANTITY (36536)	1	A
- 29	EA48-5-24	NUT	1	A
	AN3054-8	RECEPTACLE ASSY, (77820) (ALT PN 2077-2 (71468))	1	A
	SM3106E16S1S	PLATE, FUEL QUANTITY GAGE FRONT MOUNT	1	A
- 30	2203947	GAGE ASSY, DEICER PRESSURE (GFAE)	1	A
- 31	MS20861	INDICATOR ASSY, (SEE T.O. 1C-47-509)	2	A
	AN5795-6	LIGHT ASSY, DUAL WARNING (70804)	1	A
- 32	1505-1	LIGHT ASSY, (81590)	1	A
- 33	204BP-R	LIGHT ASSY, (81590)	1	A
- 34	204BP-G	LIGHT ASSY, (81590)	1	A
- 35	103A-R	SWITCH ASSY, (15605)	2	A
- 36	8201	SCREW, (ALT PN AN515-6-5)	2	A
- 37	MS35206-227	WASHER	2	A
	AN960D6	WASHER, (ALT PN AN936B6)	1	A
	MS35335-30	SPACER, LANDING GEAR WARNING LIGHT RESISTOR	2	A
- 38	1139268	RESISTOR ASSY, (44655)	1	A
- 39	1006	SWITCH ASSY, (ALT PN 8721K1 (15605))	1	A
- 40	AN3023-2	STRIP ASSY, PILOT INSTRUMENT PANEL TERMINAL	2	A
- 41	2202318	BAR, BUS (ALT PN S124360-750-3)	1	A
- 42	MS25226-10-3	STRIP ASSY, TERMINAL (S2032879-8A16-1Z)		
- 43	MS27212-6-16	A 057 THRU 108 AND 178		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

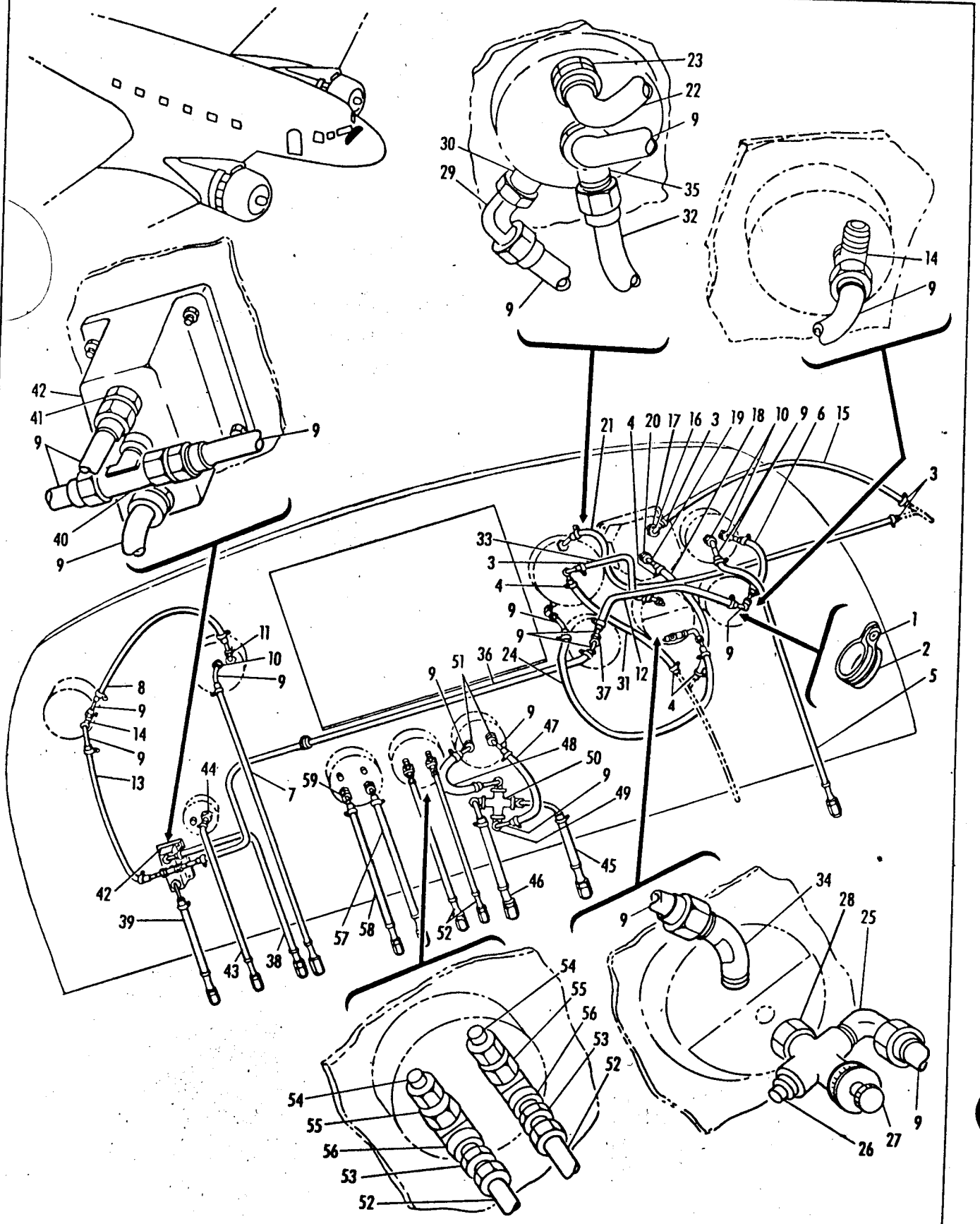


Figure 150. Pilot Instrument Panel

V4-280

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
150	5188645	PANEL ASSY, PILOT INSTRUMENT (SEE FIG. 142 FOR NHA)	REF	A
		(FOR MODIFICATION SEE PN 5484502 FIG. 153 AND 163)		
- 1	MS35206-245	SCREW, (ALT PN AN515-8-8)	32	A
	MS21044D08	NUT, (ALT PN AN365D832)	32	A
- 2	NO NUMBER	CLAMP, BRASS 3/16 3 PLY (77860)	24	A
- 3	S127057-10	CLIP, LOOP TYPE TUBE	4	A
- 4	S127057-12	CLIP, LOOP TYPE TUBE	4	A
- 5	5116836-24	HOSE ASSY, LH AIRSPEED PRESSURE TO MANIFOLD	1	A
- 6	5116836-55	HOSE, LH ALTIMETER TO LH AIRSPEED	1	A
- 7	5116836-40	HOSE ASSY, RH AIRSPEED PRESSURE TO MANIFOLD	1	A
- 8	5116836-54	HOSE, RH ALTIMETER TO RH AIRSPEED	1	A
- 9	5112305-14	PIPE ASSY, INSTRUMENT COUPLING	24	A
- 10	AAF811FT4D	NIPPLE	3	A
- 11	AAF811CT45-4D	ELBOW	1	A
- 12	5116836-27	HOSE, LH ALTIMETER TO RATE OF CLIMB	1	A
- 13	5116836-28	HOSE, RH ALTIMETER TO SELECTOR VALVE	1	A
- 14	AAF811RT4D	TEE	2	A
- 15	5116836-46	HOSE, DIRECTIONAL GYRO TO WYE	1	A
- 16	5112305-36	PIPE ASSY, INSTRUMENT COUPLING	1	A
- 17	AAF811FT6D	NIPPLE	1	A
- 18	5116836-43	HOSE, DIRECTIONAL GYRO TO VACUUM AIR FILTER	1	A
- 19	5112305-35	PIPE ASSY, INSTRUMENT COUPLING	1	A
- 20	8-4FTD	NIPPLE, (45681)	1	A
- 21	5116836-10	HOSE, GYRO HORIZON TO WYE	1	A
- 22	5112305-37	PIPE ASSY, INSTRUMENT COUPLING	1	A
- 23	AAF811FT6D	NIPPLE	1	A
- 24	5116836-52	HOSE, GYRO HORIZON TO BANK AND TURN	1	A
- 25	AAF811CT4D	ELBOW	2	A
- 26	MS20913-1	PLUG, (ALT PN AAF895B70)	1	A
- 27	AN5829-1	VALVE ASSY	1	A
- 28	AN911-1D	NIPPLE, (ALT PN AAF895D90)	1	A
- 29	AAF811CT4D	ELBOW	1	A
- 30	AN912-1D	BUSHING	1	A
- 31	5116836-21	HOSE, GYRO HORIZON TO VACUUM AIR FILTER	1	A
- 32	5112305-23	PIPE ASSY, INSTRUMENT COUPLING	1	A
- 33	5116836-29	HOSE, GYRO HORIZON TO TURN AND BANK	1	A
- 34	AAF811CT45-4D	ELBOW	1	A
- 35	8-4-4RT-D	TEE, (45681)	1	A
- 36	5116836-58	HOSE, RATE OF CLIMB TO SELECTOR VALVE	1	A
- 37	AAF811RT4D	TEE	1	A
- 38	5116836-53	HOSE ASSY, STATIC SELECTOR VALVE TO MANIFOLD PITOT STATIC	1	A
- 39	5116836-38	HOSE ASSY, STATIC SELECTOR VALVE ALTERNATE SOURCE TO MANIFOLD	1	A
- 40	AAF811ST4D	TEE	1	A
- 41	AAF811FT4D	NIPPLE	2	A
- 42	AN5831-1	VALVE ASSY	1	A
- 43	5116836-39	HOSE ASSY, DEICER PRESSURE GAGE TO MANIFOLD	1	A
- 44	AAF811FT4D	NIPPLE	1	A
- 45	5116836-14	HOSE ASSY, SELECTOR VALVE TO MANIFOLD	1	A
- 46	5116836-13	HOSE ASSY, SELECTOR VALVE TO MANIFOLD	1	A
- 47	5116836-56	HOSE, LH MANIFOLD PRESSURE GAGE TO SELECTOR VALVE	1	A
- 48	5116836-57	HOSE, RH MANIFOLD PRESSURE GAGE TO SELECTOR VALVE	1	A
- 49	AAF811CT4D	ELBOW	4	A
- 50	S1019166	VALVE ASSY, NO. 4 PV PARKER REWORKED	1	A
- 51	AAF811FT4D	NIPPLE	2	A
- 52	AC39B3480-414	HOSE ASSY, MANIFOLD TO OIL PRESSURE GAGE	2	A
- 53	AN816-4D	NIPPLE	2	A
	AN815-4D	UNION, HOSE ASSY TO OIL PRESSURE GAGE	2	
	MS29512-04	O-RING, USE WITH AN815-4D UNION	2	
- 54	44A8979	CAP, CHECK VALVE (51240)	2	A
- 55	AN5832-2	VALVE ASSY, FILLER CHECK (ALT PN 2150F (51240))	2	A
- 56	43A14984	FITTING, CHECK VALVE (51240)	2	A
- 57	5116836-37	HOSE ASSY, FUEL PRESSURE GAGE TO MANIFOLD	1	A
- 58	5116836-36	HOSE ASSY, FUEL PRESSURE GAGE TO MANIFOLD	1	A
- 59	AAF811FT4D	NIPPLE	2	A
	5204803	PANEL, PILOT INSTRUMENT LH	1	A
	5143968	PANEL, PILOT INSTRUMENT RH	1	A
		A 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

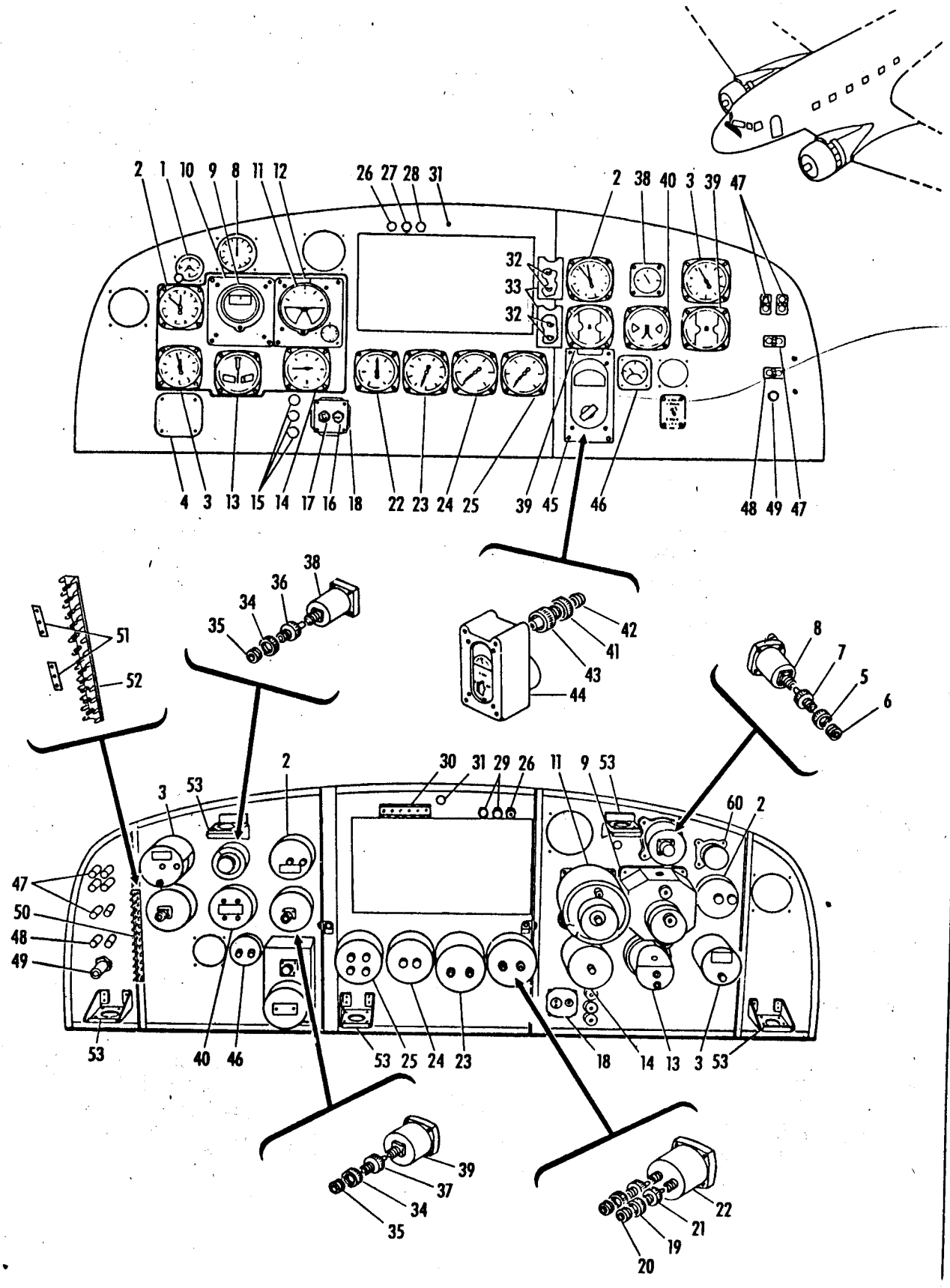
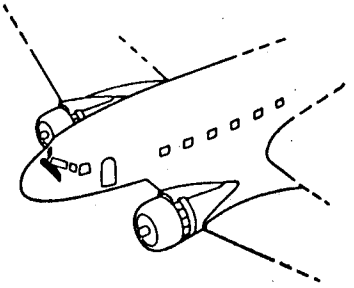
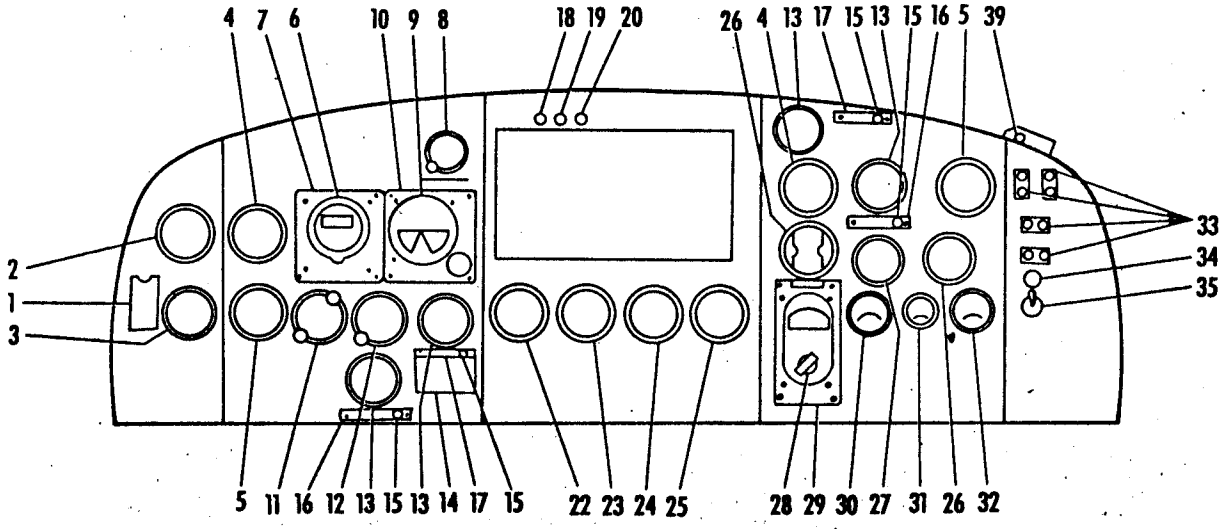


Figure 151. Pilot Instrument Panel

V4-227

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
151	5188645	PANEL ASSY, PILOT INSTRUMENT (SEE FIG. 142 FOR NHA)	REF	A
- 1	AN5743-2	CLOCK ASSY, (GFAE)	1	A
- 2	NO NUMBER	INDICATOR ASSY, AIRSPEED (TYPE C-14) (SPEC 94-27952-B) (GFAE)	2	A
- 3	AN5760-2	ALTIMETER ASSY, (GFAE)	2	A
	MS20913-1	PLUG, (ALT PN AAF895B70)	1	A
- 4	S107926-2	COVER, INSTRUMENT PANEL CUTOUT	1	A
- 5	AN3054-6	NUT	1	A
- 6	MS35489-9	GROMMET, (ALT PN AN931-5-9)	1	A
- 7	MS3106R14S2S	CONNECTOR, (ALT PN AN3106-14S2S)	1	A
- 8	AN5730-2B	COMPASS ASSY, (GFAE)	1	A
- 9	AN5735-1	INDICATOR ASSY, (GFAE)	1	A
	MS20913-2	PLUG, (ALT PN AAF895B71)	2	A
- 10	2189602	PLATE, FRONT MOUNTED GYRO HORIZON MOUNT	1	A
- 11	AN5736-1	INDICATOR ASSY, (GFAE)	1	A
	MS20913-2	PLUG, (ALT PN AAF895B71)	1	A
- 12	2189611	PLATE, GYRO HORIZON MOUNT	1	A
- 13	AN5820-1	INDICATOR ASSY, (GFAE)	1	A
- 14	MS28049-1	INDICATOR ASSY, (GFAE)	1	A
- 15	1189105	PLUG, PILOT INSTRUMENT PANEL FILLER	3	A
- 16	130SRP	LIGHT ASSY, (ALT PN 44A18454-2) (81590)	1	A
- 17	NO NUMBER	SWITCH ASSY, RESET	1	A
- 18	2188800	COVER, INSTRUMENT PANEL CUTOUT	1	A
- 19	AN3054-6	NUT	2	A
- 20	MS35489-9	GROMMET, (ALT PN AN931-5-9)	2	A
- 21	MS3106R14S1S	CONNECTOR, (ALT PN AN3106-14S1S)	2	A
- 22	AN5530-2	INDICATOR ASSY, (GFAE)	1	A
- 23	MS28077-5	GAGE ASSY, (GFAE)	1	A
- 24	MS28064-5	GAGE ASSY, (GFAE) (ALT PN AN5772-2A)(OIL PRESSURE)	1	A
- 25	MS28064-3	GAGE ASSY, (GFAE) (ALT PN AN5772-1A)(OIL PRESSURE)	1	A
- 26	A401M4	SWITCH ASSY, (81640) (SEE T.O. 1C-1-31 AND 1C-1-209)	1	A
- 27	5394347-39	CAP, SOCKET LH (MAKE FROM 130ARP CAP (81590)) (SEE T.O. 1C-1-31 AND T.O. 1C-1-209)	1	A
- 28	5394347-41	CAP, SOCKET RH (MAKE FROM 130ARP CAP (81590)) (SEE T.O. 1C-1-31 AND T.O. 1C-1-209)	1	A
- 29	130ARP	SOCKET ASSY, LAMP (81590) (LESS CAP) (SEE T.O. 1C-1-31 AND 1C-1-209)	2	A
- 30	NAS191-8	PANEL ASSY, (SEE T.O. 1C-1-31)	1	A
- 31	AN3136-323	LAMP ASSY, (GFAE)	1	A
- 32	AN5802-1	CLIP	4	A
- 33	AN5800-1	HOLDER ASSY	2	A
- 34	AN3054-6	NUT	3	A
- 35	MS35489-9	GROMMET, (ALT PN AN931-5-9)	3	A
- 36	MS3106R14S2S	CONNECTOR, (ALT PN AN3106-14S2S)	1	A
- 37	MS3106R14S5S	CONNECTOR, (ALT PN AN3106-14S5S)	2	A
- 38	AN5790-6	INDICATOR ASSY, (GFAE)	1	A
- 39	AN5795-6	INDICATOR ASSY, (GFAE)	2	A
- 40	AN5536T2A	INDICATOR ASSY, (TYPE B-11) (SPEC 94-27971-B) (GFAE)	1	A
- 41	AN3054-8	NUT	1	A
- 42	MS35489-11	GROMMET, (ALT PN AN931-6-10)	1	A
- 43	SM3106E16S1S	RECEPTACLE ASSY, (71468) (ALT PN 2077-2 (71468))	1	A
- 44	EA48-5-24	INDICATOR ASSY, FUEL QUANTITY (36536)	1	A
- 45	2203947	PLATE, FUEL QUANTITY GAGE FRONT MOUNT	1	A
- 46	MS28061-3	GAGE ASSY, (ALT PN AN5771-3) (GFAE)	1	A
	AN5795-6	INDICATOR ASSY, (SEE T.O. 1C-47-509)	1	A
- 47	130SRP	LIGHT ASSY, (81590) (ALT PN 44A18454-2)	3	A
- 48	130SGP	LIGHT ASSY, (81590) (ALT PN 44A18454-3)	1	A
- 49	103A-R	LIGHT ASSY, (81590)	1	A
- 50	2202318	STRIP ASSY, PILOT INSTRUMENT PANEL TERMINAL	1	A
- 51	MS25266-10-3	BAR, BUS (ALT PN S124360-750-3)	2	A
- 52	MS27212-6-16	STRIP ASSY, TERMINAL (ALT PN S2032879-8A16-12)	1	A
	1N4D	INDICATOR ASSY, LEFT RIGHT (GFAE)	1	A
- 53	2116070	BRACKET, INSTRUMENT PANEL SHOCK MOUNT	5	A
		A 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		





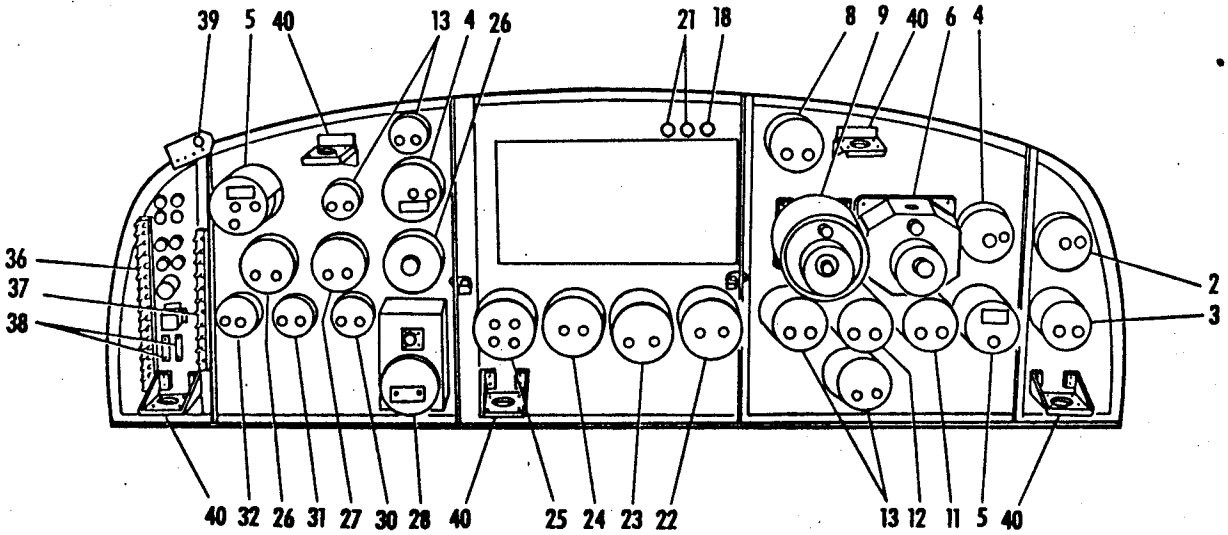


Figure 152. Pilot Instrument Panel

V4-228

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
152	5204850	PANEL ASSY, PILOT INSTRUMENT (SEE T.O. 1C-1-533) (SEE FIG. 142 FOR NHA)	REF	
- 1	AN5800-1	HOLDER ASSY	1	
	AN3054-6	NUT	1	
	MS35489-9	GROMMET, (ALT PN AN931-5-9)	1	
	MS3106R14S2S	CONNECTOR, (ALT PN AN3106-14S2S)	1	
- 2	AN5730-7	COMPASS ASSY, (GFAE)	1	
	MS20913-1	PLUG, (ALT PN AAF895B70)	2	
- 3	AN5820-1	INDICATOR ASSY, (GFAE) (TURN AND BANK)	1	
- 4	AN5861-2	INDICATOR ASSY, (GFAE) (AIR SPEED)	2	
- 5	AN5760-2A	ALTIMETER ASSY, (GFAE)	2	
	MS20913-2	PLUG, (ALT PN AAF895B71)	2	
- 6	AN5735-2A	INDICATOR ASSY, (GFAE) (DIRECTIONAL GYRO)	1	
- 7	2189602	PLATE, FRONT MOUNTED GYRO HORIZON MOUNT	1	
- 8	AN5743-2	CLOCK ASSY, (GFAE)	1	
	MS20913-2	PLUG, (ALT PN AAF895B71)	1	
- 9	AN5736-1	INDICATOR ASSY, (GFAE) (GYRO HORIZON)	1	
- 10	2189611	PLATE, GYRO HORIZON MOUNT	1	
- 11	ID249/ARN	INDICATOR ASSY, COURSE (GFAE)	1	
- 12	1636-6A-A1	INDICATOR ASSY, (19315) (ALT PN AN5825-1) (RATE OF CLIMB)	1	
- 13	ID250/ARN	INDICATOR ASSY, COURSE (GFAE)	4	
- 14	55B20789	PLATE, ID310/ARN RESERVATION	1	
- 15	MS25010-4	LIGHT ASSY	4	
	327SR	LAMP, (08805) (ALT PN AN3140R327)	4	
- 16	55B20355-1	PLATE, INSTRUMENT IDENTIFICATION	2	
- 17	55B20355-2	PLATE, INSTRUMENT IDENTIFICATION	2	
- 18	A401M4	SWITCH ASSY, (81640) (SEE T.O. 1C-1-31 AND 1C-1-209)	1	
- 19	5394347-39	CAP, SOCKET LH (MAKE FROM 130ARP CAP (81590)) (SEE T.O. 1C-1-31 AND T.O. 1C-1-209)	1	
- 20	5394347-41	CAP, SOCKET RH (MAKE FROM 130ARP CAP (81590)) (SEE T.O. 1C-1-31 AND T.O. 1C-1-209)	1	
- 21	130ARP	SOCKET ASSY, LAMP (81590) (LESS CAP) (SEE T.O. 1C-1-31 AND 1C-1-209)	2	
	AN3054-6	NUT	2	
	MS35489-9	GROMMET	2	
	MS3106R14S1S	CONNECTOR	2	
- 22	AN5530-2	INDICATOR ASSY, (GFAE) (TACHOMETER)	1	
- 23	MS28077-5	GAGE ASSY, (GFAE) (MANIFOLD PRESSURE)	1	
- 24	MS28064-5	GAGE ASSY, (GFAE) (ALT PN AN5772-2) (OIL PRESSURE)	1	
- 25	MS28064-3	GAGE ASSY, (GFAE) (ALT PN AN5772-1) (FUEL PRESSURE)	1	
	AN3054-6	NUT	2	
	MS35489-9	GROMMET	2	
	MS3106R14S5S	CONNECTOR	2	
- 26	AN5795-6	INDICATOR ASSY, (GFAE) (CARBURETOR AND OIL TEMPERATURE)	2	
- 27	NO NUMBER	INDICATOR ASSY, DUAL THERMOCOUPLE THERMOMETER (TYPE B-11) (SPEC 94-27971B)	1	
	AN3054-8	NUT	1	
	MS35489-11	GROMMET	1	
	SM3106E16S1S	RECEPTACLE ASSY, (77820) (ALT PN 2077-2 (71468))	1	
- 28	EA48-5-24	INDICATOR ASSY, FUEL QUANTITY (36536)	1	
- 29	2203947	PLATE, FUEL QUANTITY GAGE FRONT MOUNT	1	
- 30	AN5771-3	GAGE ASSY, (GFAE) (DEICE PRESSURE)	1	
- 31	AN5771-6	GAGE ASSY, (GFAE) (AUTO-PILOT OIL PRESSURE)	1	
	AN3054-6	NUT	1	
	MS35489-9	GROMMET	1	
	MS3106R14S2S	CONNECTOR	1	
- 32	AN5790-6	INDICATOR ASSY, (GFAE) (FREE AIR TEMPERATURE)	1	
	AN5795-6	INDICATOR ASSY, (SEE T.O. 1C-47-509)	1	
- 33	204BP	LIGHT ASSY, (81590)	4	
- 34	103A-R	LIGHT ASSY, (81590)	1	
- 35	AN3023-2	SWITCH ASSY	1	
- 36	NAS191-16	PANEL ASSY	1	
- 37	MS27212-1-20	BLOCK ASSY, (ALT PN AN3436-2-20)	1	
	MS25227-2	STRIP, (ALT PN AN3434-2)	4	
- 38	1011	RESISTOR, 75 OHM (44655)	2	
- 39	MS35489-11	GROMMET, (ALT PN AN931-6-10)	1	
- 40	2116070	BRACKET, INSTRUMENT PANEL SHOCKMOUNT	5	
	5204803	PANEL, PILOT INSTRUMENT LH	1	A
	5143968	PANEL, PILOT INSTRUMENT RH	1	A
	55J20359	PANEL, PILOT INSTRUMENT (SEE T.O. 1C-1-533)	1	
		A 109 THRU 145, 149 THRU 177 AND 179 THRU 541		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

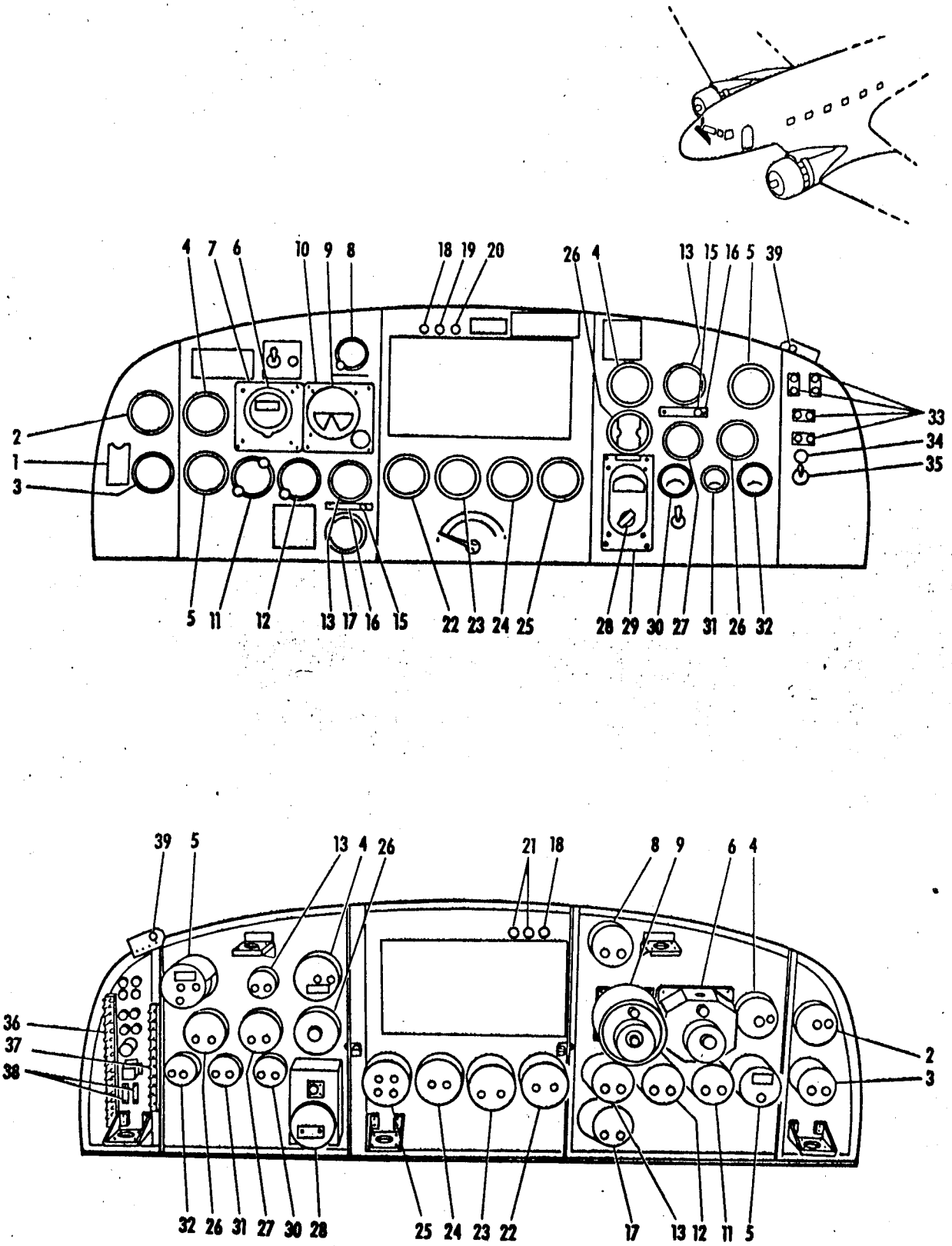


Figure 152A. Pilot Instrument Panel

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
182A -	5204850	PANEL ASSY, PILOT INSTRUMENT (SEE T.O. 1C-1-551) (SEE FIG. 142 FOR NHA)	REF	
- 1	AN5800-1	HOLDER ASSY	1	
	AN3054-6	NUT	1	
	MS35489-9	GROMMET (ALT PN AN931-5-9)	1	
	MS3106R14S2S	CONNECTOR (ALT PN AN3106-14S2S)	1	
- 2	AN5730-7	COMPASS ASSY, (GFAE)	1	
	MS20913-1	PLUG, (ALT PN AAF895B70)	2	
- 3	AN5820-1	INDICATOR ASSY, (GFAE) (TURN AND BANK)	1	
- 4	AN5861-2	INDICATOR ASSY, (GFAE) (AIR SPEED)	2	
- 5	AN5760-2A	ALTIMETER ASSY, (GFAE)	2	
	MS20913-2	PLUG, (ALT PN AAF895B71)	2	
- 6	AN5735-2A	INDICATOR ASSY, (GFAE) (DIRECTIONAL GYRO)	1	
- 7	2189602	PLATE, FRONT MOUNTED GYRO HORIZON MOUNT	1	
- 8	AN5743-2	CLOCK ASSY, (GFAE)	1	
	MS20913-2	PLUG, (ALT PN AAF895B71)	1	
- 9	AN5736-1	INDICATOR ASSY, (GFAE) (GYRO HORIZON)	1	
- 10	2189611	PLATE, GYRO HORIZON MOUNT	1	
- 11	ID249/ARN	INDICATOR ASSY, COURSE (GFAE)	1	
- 12	1636-6A-A1	INDICATOR ASSY, (19315) (ALT PN AN5825-1) (RATE OF CLIMB)	1	
- 13	ID250/ARN	INDICATOR ASSY, COURSE (GFAE)	2	
- 14	55B20789	PLATE, ID31D/ARN RESERVATION	1	
- 15	MS25010-4	LIGHT ASSY	4	
	327SR	LAMP, (08805) (ALT PN AN3140R327)	2	
- 16	55B20355-1	PLATE, INSTRUMENT IDENTIFICATION	2	
- 17	ID-310( )ARN	INDICATOR, (RANGE)	1	
- 18	A401M4	SWITCH ASSY, (81640) (SEE T.O. 1C-1-31 AND 1C-1-209)	1	
- 19	5394347-39	CAP, SOCKET LH (MAKE FROM 130ARP CAP (81590)) (SEE T.O. 1C-1-31 AND T.O. 1C-1-209)	1	
- 20	5394347-41	CAP, SOCKET RH (MAKE FROM 130ARP CAP (81590)) (SEE T.O. 1C-1-31 AND T.O. 1C-1-209)	1	
- 21	130ARP	SOCKET ASSY, LAMP (81590) (LESS CAP) (SEE T.O. 1C-1-31 AND 1C-1-209)	2	
	AN3054-6	NUT	2	
	MS35489-9	GROMMET	2	
	MS3106R14S1S	CONNECTOR	2	
- 22	AN5530-2	INDICATOR ASSY, (GFAE) (TACHOMETER)	1	
- 23	MS28077-5	GAGE ASSY, (GFAE) (MANIFOLD PRESSURE)	1	
- 24	MS28064-5	GAGE ASSY, (GFAE) (ALT PN AN5772-2) (OIL PRESSURE)	1	
- 25	MS28064-3	GAGE ASSY, (GFAE) (ALT PN AN5772-1) (FUEL PRESSURE)	1	
	AN3054-6	NUT	2	
	MS35489-9	GROMMET	2	
	MS3106R14S8S	CONNECTOR	2	
- 26	AN5795-6	INDICATOR ASSY, (GFAE) (CARBURETOR AND OIL TEMPERATURE)	2	
- 27	AN5536T2A	INDICATOR ASSY, DUAL THERMOCOUPLE THERMOMETER (TYPE B-11) (SPEC 94-27971B)	1	
	AN3054-8	NUT	1	
	MS35489-11	GROMMET	1	
	SM3106E16S1S	RECEPTACLE ASSY, (77820) (ALT PN 2077-2 (71468))	1	
- 28	EA48-5-24	INDICATOR ASSY, FUEL QUANTITY (36336)	1	
- 29	2203947	PLATE, FUEL QUANTITY GAGE FRONT MOUNT	1	
- 30	AN5771-3	GAGE ASSY, (GFAE) (DEICE PRESSURE)	1	
- 31	AN5771-6	GAGE ASSY, (GFAE) (AUTO-PILOT OIL PRESSURE)	1	
	AN3054-6	NUT	1	
	MS35489-9	GROMMET	1	
	MS3106R14S2S	CONNECTOR	1	
- 32	AN5790-6	INDICATOR ASSY, (GFAE) (FREE AIR TEMPERATURE)	1	
	10499A	INDICATOR ASSY, (SEE T.O. 1C-47-509) (AN5795-6)	1	
- 33	204BP	LIGHT ASSY, (81590)	4	
- 34	103A-R	LIGHT ASSY, (81590)	1	
- 35	AN3023-2	SWITCH ASSY	1	
- 36	NAS191-16	PANEL ASSY	1	
- 37	MS27212-1-20	BLOCK ASSY, (ALT PN AN3436-2-20)	1	
	MS25227-2	STRIP, (ALT PN AN3434-2)	4	
- 38	1011	RESISTOR, 75 OHM (44655)	2	
- 39	MS35489-11	GROMMET, (ALT PN AN931-6-10)	1	
	5204803	PANEL, PILOT INSTRUMENT LH	1	
	5143968	PANEL, PILOT INSTRUMENT RH	1	
	55J20359	PANEL, PILOT INSTRUMENT (SEE T.O. 1C-1-551)	1	

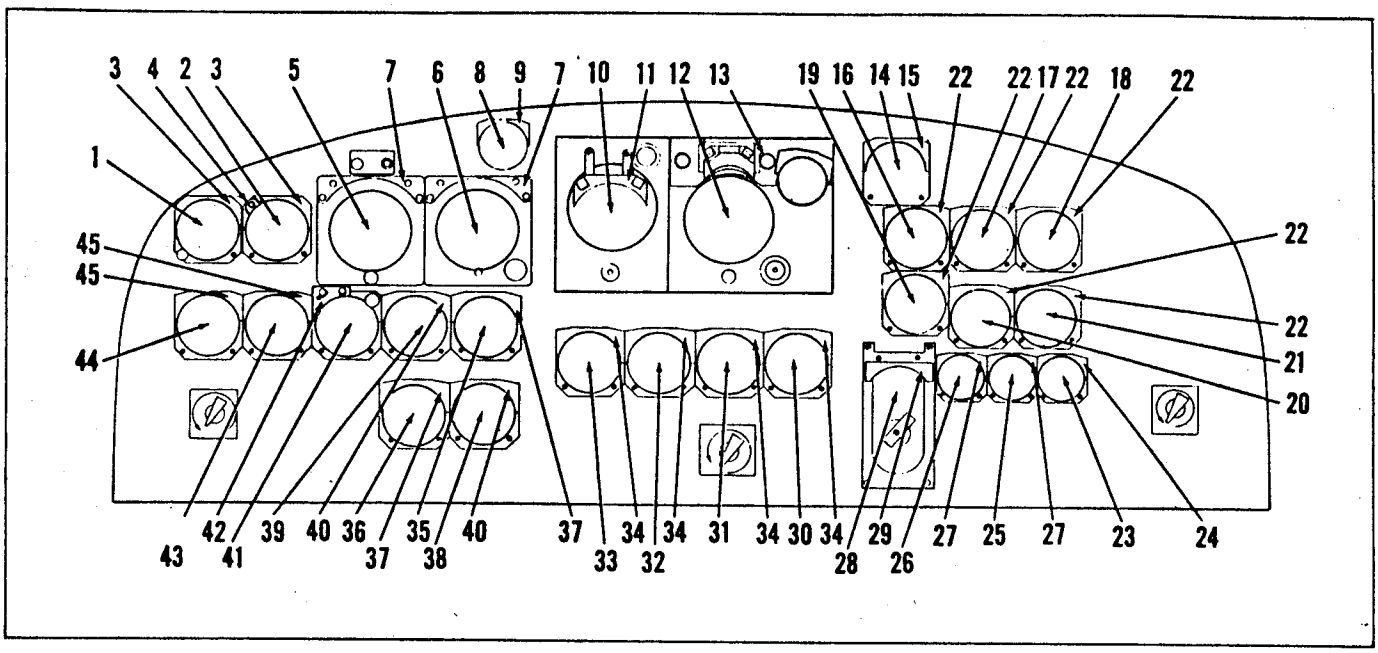


Figure 152B. Instrument Lighting, Redring Eyebrow Light System

FIG. & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	UNITS PER ASSY	USEABLE ON CODE
152B-	55J20359	PANEL	REF	
-1	AN5730-2A	. REMOTE COMPASS ASSEMBLY	REF	
-2	MS28046W1	. INDICATOR ASSEMBLY, Airspeed, knots	REF	
-3	B4755	. LIGHT, Redring eyebrow (ATTACHING PARTS)	2	A
-4	MS24693BB34	. SCREW ---*---	2	A
-5	AN5735-1	. INDICATOR ASSEMBLY, Directional gyro	REF	
-6	AN5736-1	. INDICATOR ASSEMBLY, Attitude gyro	REF	
-7	B4789	. LIGHT, Redring eyebrow (ATTACHING PARTS)	2	A
	MS24693BB278	. SCREW ---*---	2	A
-8	W33-7540	. CLOCK	REF	
-9	B4880	. LIGHT, Redring eyebrow (ATTACHING PARTS)	1	A
	MS24693BB34	. SCREW ---*---	2	A
-10	JH5000	. INDICATOR, Directional, autopilot	REF	
-11	B4787	. LIGHT, Redring eyebrow (ATTACHING PARTS)	1	A
	MS24693BB250	. SCREW ---*---	2	A
-12	JH6000	. INDICATOR, Attitude, autopilot	REF	
-13	B4788	. LIGHT, Redring eyebrow	1	A
-14	107926-2	. PLATE	REF	
-15	B4755	. LIGHT, Redring eyebrow (ATTACHING PARTS)	1	A
	MS24693BB34	. SCREW ---*---	2	A
-16	MS28046W1	. INDICATOR ASSEMBLY, Airspeed, knots	REF	
-17	ID-250/ARN	. INDICATOR ASSEMBLY	REF	
-18	AN5760T2A	. ALTIMETER ASSEMBLY	REF	

FIG. & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	UNITS PER ASSY	USEABLE ON CODE
152B-19	AN5795T6A	. INDICATOR ASSY, Oil temperature	REF	
-20	AN5536T2	. INDICATOR ASSY, Cylinder temperature	REF	
-21	AN5795T6A	. INDICATOR ASSY, Carburetor air temperature.	REF	
-22	B4755	. LIGHT, Redring eyebrow	6	A
		(ATTACHING PARTS)		
	MS24693BB34	. SCREW	2	A
		---*---		
-23	AN5790-6	. INDICATOR ASSY, Free air temperature	REF	
-24	B4750	. LIGHT, Redring eyebrow	1	A
		(ATTACHING PARTS)		
	MS24693BB34	. SCREW	2	A
		---*---		
-25	AN5771-6A	. INDICATOR ASSY, Autopilot oil pressure	REF	
-26	AN5771-3	. INDICATOR ASSY, Deicer pressure	REF	
-27	B4850	. LIGHT, Redring eyebrow	2	A
		(ATTACHING PARTS)		
	MS24693BB34	. SCREW	2	A
		---*---		
-28	EA48-5-24	. GAGE, Fuel quantity	REF	
-29	B4794-1	. LIGHT, Redring eyebrow	1	A
		(ATTACHING PARTS)		
	MS507B1032R8	. SCREW	2	A
		---*---		
-30	AN5772-1	. INDICATOR ASSY, Fuel pressure	REF	
-31	AN5772-2-12	. INDICATOR ASSY, Engine oil pressure	REF	
-32	AN5770-2-12	. INDICATOR ASSY, Manifold pressure	REF	
-33	AN5530-2-12	. TACHOMETER ASSY	REF	
-34	B4855	. LIGHT, Redring eyebrow	4	A
		(ATTACHING PARTS)		
	MS24693BB34	. SCREW	2	A
		---*---		
-35	ID-250/ARN	. INDICATOR ASSY	REF	
-36	ID-350/ARN	. INDICATOR ASSY, Glide path	REF	
-37	B4755	. LIGHT, Redring eyebrow	2	A
		(ATTACHING PARTS)		
	MS24693BB34	. SCREW	2	A
		---*---		
-38	ID-310/ARN	. INDICATOR ASSY	REF	
-39	AN5825-1	. INDICATOR ASSY, Rate of climb	REF	
-40	B4855	. LIGHT, Redring eyebrow	2	A
		(ATTACHING PARTS)		
	MS24693BB34	. SCREW	2	A
		---*---		
-41	ID-249/ARN	. INDICATOR ASSY, Course	REF	
-42	B4872	. LIGHT, Redring eyebrow	1	A
		(ATTACHING PARTS)		
	MS24693BB34	. SCREW	2	A
		---*---		
-43	AN5760T2A	. ALTIMETER ASSY	REF	
-44	AN5820-1	. INDICATOR ASSY, Turn and bank	REF	
-45	B4855	. LIGHT, Redring eyebrow	2	A
		(ATTACHING PARTS)		
	MS24693BB34	. SCREW	2	A
		---*---		

A Aircraft modified by T.O. 1C-47-552

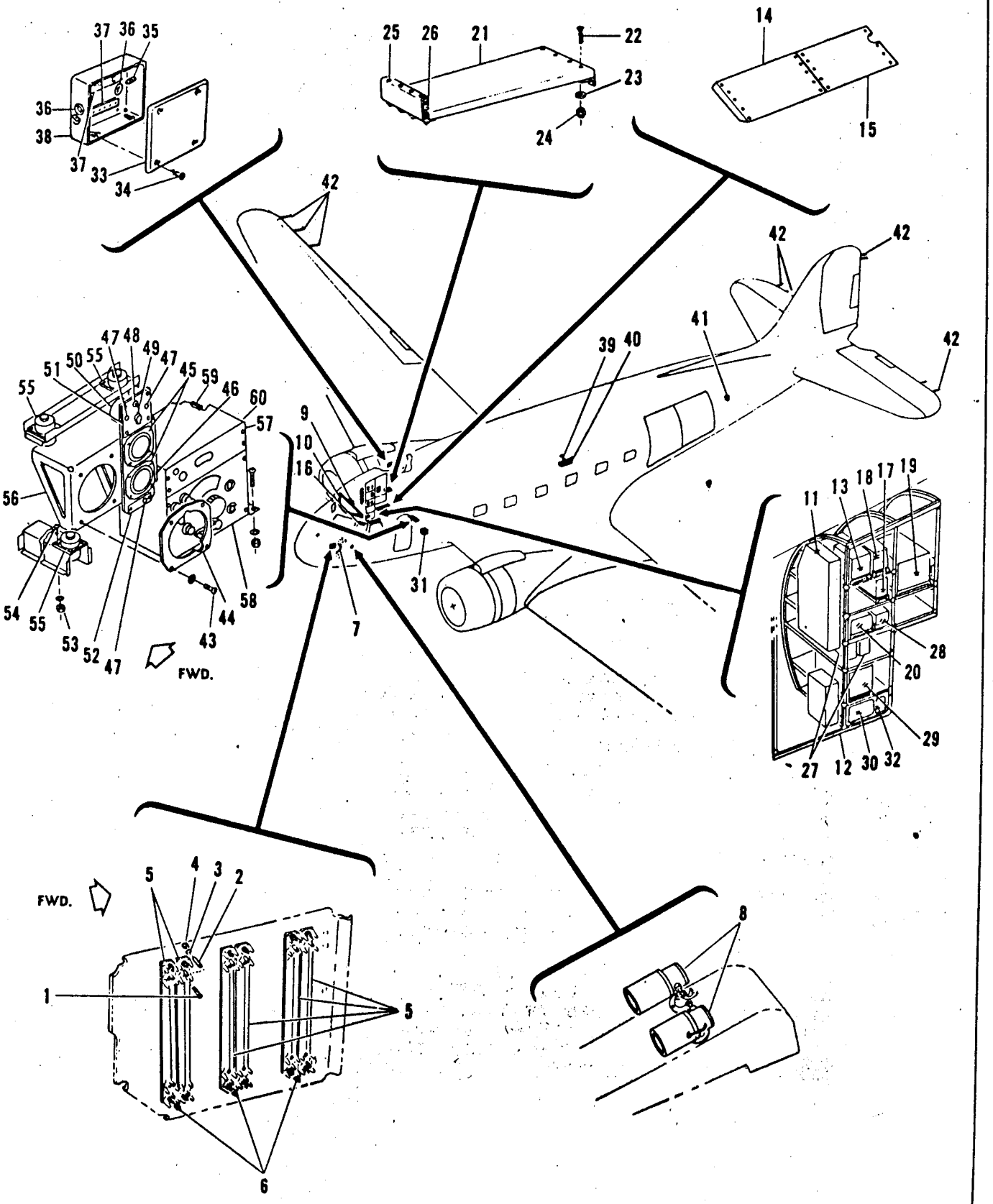


Figure 153. Radio and Electronic Modification

V4-225

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
153	5482683-1	RADIO AND ELECTRONIC MODIFICATION INSTL	1	A
	5482683-501	RADIO AND ELECTRONIC MODIFICATION INSTL	1	B
	5482684	RADIO AND ELECTRONIC MODIFICATION INSTL	1	C
	5482682	RADIO AND ELECTRONIC MODIFICATION INSTL	1	D
	5482682-501	RADIO AND ELECTRONIC MODIFICATION INSTL	1	E
	5482682-503	RADIO AND ELECTRONIC MODIFICATION INSTL	1	F
	3492003	STRIP INSTL, RADIO NOSE TERMINAL	1	
- 1	MS35206-223	SCREW, (ALT PN AN515-4R24)	18	
- 2	NAS43DD1-64	SPACER	18	
- 3	AN960D4L	WASHER	18	
- 4	MS21044D04	NUT, (ALT PN AN365D440A)	18	
- 5	MS27212-1-10	BLOCK ASSY, (ALT PN AN3436-2-10)	6	
	MS35333-88	WASHER, (ALT PN AN936A6B)	60	
	AN961-6	WASHER	60	
	MS20341-6A	NUT, (ALT PN AN341-6)	60	
- 6	S1093732-2	STUD, GROUND	3	
	5484432	PIPE INSTL, VACUUM AIR FILTER	1	
- 7	2484425	WYE ASSY, INSTRUMENT PANEL (1/2 OD)	1	
	AN742D8	CLAMP	1	
	5484190	LIGHT INSTL, INSRUMENT PANEL	1	
- 8	AN3038-1	LIGHT ASSY, (LESS NAF48379-5) (ALT PN X220B)	2	
	X220B	LIGHT ASSY	2	
	MS35206-B229	SCREW, (ALT PN AN515B6R7)	4	
	MS21044D06	NUT, (ALT PN AN365D632A)	4	
- 9	4482633	PANEL ASSY, COCKPIT RADIO CONTROL (SEE FIG. 155, 155A, AND 155B FOR DETAILS)	1	
- 10	5492073-1	SUPPORT INSTL, COCKPIT RADIO AND ELECTRONIC CONTROLS (SEE FIG. 155 FOR DETAILS)	1	AC,F
	5492073-501	SUPPORT INSTL, COCKPIT RADIO AND ELECTRONIC CONTROLS (SEE FIG. 155 FOR DETAILS)	1	DE
	5483627	BOX INSTL, RADIO JUNCTION (SEE FIG. 156 FOR DETAILS)	1	C
- 11	5483627-501	BOX INSTL, RADIO JUNCTION (SEE FIG. 156 FOR DETAILS)	1	AB,J
- 12	5484510	RACK INSTL, RADIO (SEE FIG. 157 FOR DETAILS)	1	AB
	5482328	RACK INSTL, RADIO (SEE FIG. 157 FOR DETAILS)	1	C,F
	5482328-501	RACK INSTL, RADIO (SEE FIG. 157 FOR DETAILS)	1	DE
- 13	5484778	INTERPHONE INSTL, AN/A1C3 STA 157 (SEE FIG. 157 FOR DETAILS)	1	AB
	5483086	INTERPHONE INSTL, RC36B (SEE FIG. 157 FOR DETAILS)	1	C
	5485226	INTERPHONE INSTL, AN/A1C3 STA 120 (SEE FIG. 157 FOR DETAILS)	1	J
	5142081	PLATE INSTL, RADIO COMPARTMENT KICK	1	DE
- 14	2142162	PLATE, KICK	1	DE
- 15	2142163	PLATE, KICK	1	DE
	2488600	PLATE INSTL, KICK STA 86 TO 136	1	DE
- 16	2488600-3	PLATE, KICK STA 86 TO 136	1	DE
- 17	3483636	GLIDE PATH INSTL, (SEE FIG. 158 FOR DETAILS)	1	
- 18	5483602-1	SYSTEM INSTL, FLUXGATE COMPASS (SEE FIG. 158 FOR DETAILS)	1	AC
	5483602-501	SYSTEM INSTL, FLUXGATE COMPASS (SEE FIG. 158 FOR DETAILS)	1	J
- 19	5484038	RADIO INSTL, LIAISON (SEE FIG. 154 FOR DETAILS)	1	A,D
	5484038-501	RADIO INSTL, LIAISON (SEE FIG. 154 FOR DETAILS)	1	BC,H
- 20	5484030	RADIO INSTL, VHF (SEE FIG. 154 FOR DETAILS)	1	AC
	5484030-501	RADIO INSTL, VHF (SEE FIG. 154 FOR DETAILS)	1	DE
	5484030-503	RADIO INSTL, VHF (SEE FIG. 154 FOR DETAILS)	1	F
	5483670	FURNISHINGS INSTL, INTERIOR STA 156 (SEE FIG. 154 FOR DETAILS)	1	AC
	3483750	KEYER INSTL, AUTOMATIC (SEE FIG. 154 FOR DETAILS)	REF	A,D
	3483750-501	KEYER INSTL, AUTOMATIC (SEE FIG. 154 FOR DETAILS)	REF	BC,H
	5483272	TABLE INSTL, RADIO OPERATOR	1	AC,F
	5488549	TABLE INSTL, RADIO OPERATOR	1	DE
- 21	4483189	TABLE ASSY, RADIO OPERATOR	1	
- 22	AN509-10R19	SCREW	8	
	MS21083N3	NUT	8	AC,F
- 23	A3235-028	WASHER, (78553)	8	DE
- 24	MS21044N3	NUT, (ALT PN AN365D1032A)	8	DE
- 25	5488549-3	SUPPORT, RADIO OPERATOR TABLE	1	DE
- 26	5488549-7	STRIP, RADIO OPERATOR TABLE	1	DE
	5488549-5	SUPPORT, RADIO OPERATOR TABLE	1	DE
- 27	AM1068/A	AMPLIFIER ASSY, DC (GFAE) (SEE T.O. 1C-47(A)-202)	2	G
	MS3106A18-12S	CONNECTOR, (SEE T.O. 1C-47(A)-202)	2	G
	PL76	PLUG, (SEE T.O. 1C-47(A)-202)	2	G
	RA20A2FC501AK	POTENTIOMETER ASSY, (GFAE) (SEE T.O. 1C-47(A)-202)	2	G
	152192-55	BUTTON, PLUG (SEE T.O. 1C-47(A)-202)	10	G
- 28	5484035	RADIO INSTL, VOR (SEE FIG. 159 FOR DETAILS)	1	AC
	5484035-501	RADIO INSTL, VOR (SEE FIG. 159 FOR DETAILS)	1	J
- 29	5484036-501	RADIO INSTL, UHF (SEE FIG. 159 FOR DETAILS)	1	AC
	5484036-1	RADIO INSTL, UHF (SEE FIG. 159 FOR DETAILS)	1	J
	55J21235	ANTENNA INSTL, RADIO COMPASS SENSE (SEE FIG. 159 FOR DETAILS)	1	
	55E20335	RADIO SET AN/ARN-21 INSTL (SEE FIG. 163G FOR DETAILS) (SEE T.O. 1C-1-881)	1	
- 29A	55H20432	INDICATOR INSTL, AZIMUTH (SEE FIG. 163G FOR DETAILS) (SEE T.O. 1C-1-881)	1	
- 29B	55J20396	RADIO INSTL, TACAN (SEE FIG 163G FOR DETAILS) (SEE T.O. 1C-1-881)	1	
- 30	5483540	COMPASS INSTL, RADIO (SEE FIG. 161 FOR DETAILS)	1	AC,H
	5483540-501	COMPASS INSTL, RADIO (SEE FIG. 161 FOR DETAILS)	1	D
- 31	3483687-501	RADIO INSTL, MARKER BEACON (SEE FIG. 161 FOR DETAILS)	1	AB
- 32	3483687	RADIO INSTL, MARKER BEACON (SEE FIG. 161 FOR DETAILS)	1	CF

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
	CONTINUED			
153				
	3484720	BOX INSTL, NACELLE OUTBOARD RADIO JUNCTION	1	
- 33	3484720-5	COVER, NACELLE OUTBOARD RADIO JUNCTION	1	
- 34	2600-1	STUD ASSY, (71286)	4	
- 35	S1093732-2	STUD ASSY, GROUND	1	
- 36	4243264N10A	GROMMET, (ALT PN 4243264-10A) WIRE PROTECTING SPLIT	2	
- 37	NAS191-7	PANEL ASSY	2	
	AN507-440R7	SCREW	4	
	MS21044N04	NUT, (ALT PN AN365D440A)	4	
	702	RECEPTACLE, (71286)	4	
- 38	3484720-3	BOX, NACELLE OUTBOARD RADIO JUNCTION	1	
	55J131154	INVERTER INSTL, PU-16 (SEE FIG. 160 FOR DETAILS) (SEE T.O. 1C-1-532)	1	
- 39	4485111	COVER INSTL, ALCOHOL TANK FILLER (SEE FIG. 162 FOR DETAILS)	1	C,F
- 40	5484319	ANTI-ICING INSTL, ALCOHOL (SEE FIG. 162 FOR DETAILS)	1	C,F
- 41	3488844-1	RADIO INSTL, IFF (SEE FIG. 162 FOR DETAILS)	1	A,D
	3488844-501	RADIO INSTL, IFF (SEE FIG. 162 FOR DETAILS)	1	BC,H
	MX128/ART13A	PANEL ASSY, (SEE T.O. 1C-1-224)	1	
	4209958	DISCHARGER INSTL, STATIC	1	
- 42	AN/ASA3	DISCHARGER ASSY, STATIC (GFAE)	12	
	5482980	BRACKET INSTL, NAVIGATOR INSTRUMENT PANEL (SEE T.O. 1C-1-533)	1	AC
- 43	MS35206-265	SCREW, (ALT PN AN515-10R12)	4	
	AN960D10L	WASHER	4	
- 44	5482980-17	BEZEL, NAVIGATOR INSTRUMENT PANEL BRACKET	1	AC
- 45	ID250/ARN	INDICATOR ASSY, COURSE (GFAE)	2	
- 46	55D20395	PANEL ASSY, NAVIGATOR DUAL ID250/ARN	1	
- 47	MS25010-4	LIGHT ASSY	3	
- 48	MS35058-23	SWITCH ASSY, (ALT PN AN3021-3)	1	
- 49	AN3220-3	KNOB	1	
- 50	AN3155-25-25	RHEOSTAT ASSY	1	
- 51	55C21014	PLATE, LIGHTING	1	
- 52	55B20355-1	PLATE, LIGHTING	1	
- 52A	AN515-6R7	SCREW	1	
- 52B	55B20789	PLATE (SEE T.O. 1C-1-551)	1	
- 53	MS21044N5	NUT, (ALT PN AN365-524)	3	
	AN960D516L	WASHER	3	
	AN960-516	WASHER	3	
- 54	AN526-1032R9	SCREW	3	
- 55	9303-3	MOUNT ASSY, SHOCK (51116)	3	
- 56	5482980-3	BRACKET, NAVIGATOR INSTRUMENT PANEL	1	
- 57	470116	METER ASSY, TUNING (93676) (SEE T.O. 1C-1-533)	1	
- 58	C15141A	CONTROL ASSY, DIRECTION FINDER (GFAE) (SEE T.O. 1C-1-533)	1	
- 59	MS27212-1-9	TERMINAL BLOCK ASSY, (ALT PN AN3436-2-9) (SEE T.O. 1C-1-533)	1	
	AN3434-2	STRIP, (SEE T.O. 1C-1-533)	2	
- 60	55D21189	BRACKET ASSY, NAVIGATOR CONTROL (SEE T.O. 1C-1-533)	1	
	3484814	TABLE ASSY, NAVIGATOR (SEE FIG. 163 FOR DETAILS)	1	C
	5484502	PANEL INSTL, INSTRUMENT (SEE FIG. 163 FOR DETAILS)	1	
	5484718	BOX ASSY, MAIN JUNCTION (SEE FIG. 163 FOR DETAILS)	1	AC,F
	3484894	BOX ASSY, MAIN JUNCTION (SEE FIG. 163 FOR DETAILS)	1	DE
		THE RADIO AND ELECTRONIC MODIFICATION PRESENTED IN THIS PARTS BREAKDOWN HAS BEEN DERIVED FROM T.O. 1C-1-38, T.O. 1C-47-38 AND T.O. 1C-47-503. THE USAGE CODE HAS BEEN ESTABLISHED BY KNOWN USAF SERIAL NUMBERS OR SERVICE KIT USAGE.		
		A 176, 177, 471 THRU 526 AND 539 THRU 541		
		B ALL USAF SERIAL NUMBERS USING KIT B		
		C ALL USAF SERIAL NUMBERS USING KIT C		
		D 543		
		E ALL USAF SERIAL NUMBERS USING KIT A1		
		F ALL USAF SERIAL NUMBERS USING KIT A2		
		G 529 THRU 534 AND 536 THRU 541		
		H ALL USAF SERIAL NUMBERS USING KIT A1 AND A2		
		J 543 AND ALL USAF SERIAL NUMBERS USING KIT A1 AND A2		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

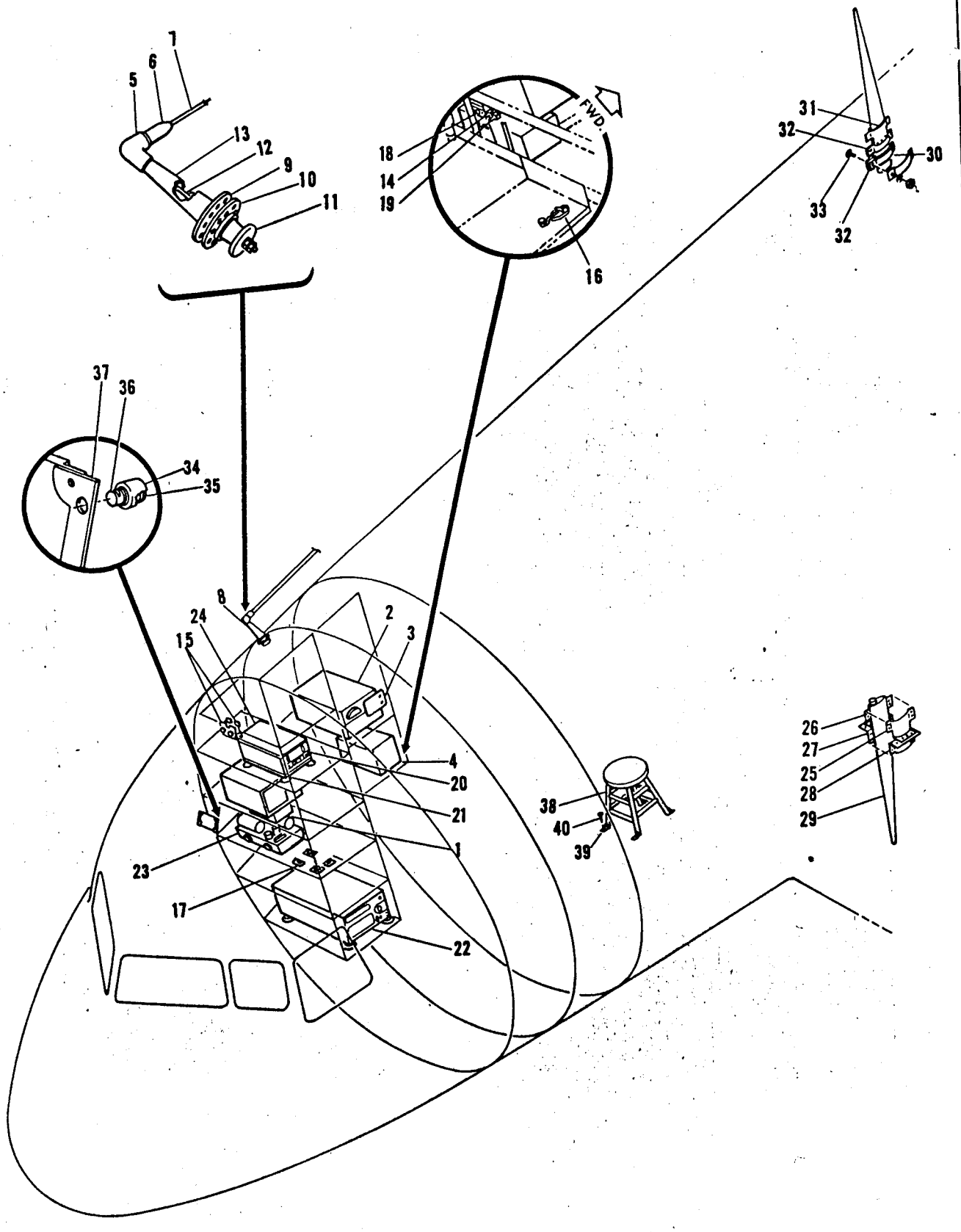


Figure 154. Liaison Radio and Interior Furnishings

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FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
154		LIAISON RADIO AND INTERIOR FURNISHINGS		
	5484038	RADIO INSTL, LIAISON (SEE FIG. 153 FOR NHA)	REF	A,D
	5484038-501	RADIO INSTL, LIAISON (SEE FIG. 153 FOR NHA)	REF	BC,H
- 1	DY17/ART13A	DYNAMOTOR ASSY, (GFAE)	1	A,D
	U9/U	PLUG ASSY, (GFAE)	1	
	U10/U	PLUG ASSY, (GFAE)	1	
	MT164/ART13	MOUNT ASSY, BASE (GFAE)	1	
- 2	T47A/ART13	TRANSMITTER ASSY, (GFAE)	1	A,D
	U8/8	PLUG ASSY, (GFAE)	1	
- 3	4185355	GUARD, ART13 TRANSMITTER ANTENNA	1	
	MT284/ART13	MOUNT ASSY, (GFAE)	1	
	U7/U	PLUG ASSY, (GFAE)	1	
	MT283/ART13	MOUNT ASSY, PLATE (GFAE)	1	
	IN81	INSULATOR ASSY, (ALT PN 35A2277) (GFAE)	1	
- 4	BC348 ( )	RECEIVER ASSY, (GFAE)	1	A,D
	FT154 ( )	MOUNT ASSY, (GFAE)	1	
- 5	4484375	ANTENNA ASSY, LIAISON	1	A,D
- 6	13973	CHUCK ASSY, (83044)	1	
- 7	2484316	FITTING, ANTENNA ATTACH	1	
	4185352	MAST INSTL, LIAISON ANTENNA	1	
	21846	INSULATOR ASSY, (81143)	1	
- 8	5175793	MAST ASSY, ANTENNA	1	
- 9	5175793-4	FLANGE, ANTENNA MAST TOP	1	
- 10	5175793-6	FLANGE, ANTENNA MAST BOTTOM	1	
- 11	5175793-8	FLANGE, ANTENNA MAST CENTERING	1	
	5175793-12	WASHER, ANTENNA MAST	1	
	200066700	INSULATOR (13499)	1	
- 12	5175793-10	ROD, ANTENNA MAST LEAD-IN	1	
- 13	5175793-2	MAST, INSULATOR	1	
- 14	MS25103-23	SWITCH ASSY, (ALT PN AN3023-3)	1	
- 15	MS24166D1	RELAY ASSY, (ALT PN AN3350-2)	2	
- 16	J37	KEY ASSY, (GFAE)	1	
	2484917	MAST INSTL, REAR ANTENNA	1	
	2484917-3	MAST, REAR ANTENNA (MAKE FROM 2116989)	1	
	2484916	STRIP, REAR ANTENNA MAST GROUND	1	
	3483750	KEYER INSTL, AUTOMATIC (SEE FIG. 153 FOR NHA)	REF	A,D
	3483750-501	KEYER INSTL, AUTOMATIC (SEE FIG. 153 FOR NHA)	REF	BC,H
- 17	MT796/U	MOUNT ASSY, (GFAE)	1	A,D
- 18	C790/ARA26	PANEL ASSY, CONTROL (GFAE)	1	A,D
	MS3108B14S5S	CONNECTOR	1	
	MS3057-6	CLAMP	1	
- 19	MS35058-21	SWITCH ASSY, (ALT PN AN3021-1)	1	
	NO NUMBER	RESISTOR ASSY, 1012 DIVIDOHM 10 WATT 100 OHM (44655)	1	
	5484030	RADIO INSTL, VHF (SEE FIG. 153 FOR NHA)	REF	AC
	5484030-501	RADIO INSTL, VHF (SEE FIG. 153 FOR NHA)	REF	DE
	5484030-503	RADIO INSTL, VHF (SEE FIG. 153 FOR NHA)	REF	F
	MS24166D1	RELAY ASSY, (ALT PN AN3350-2)	1	
	4391470Z13	CABLE ASSY, RADIO COAXIAL	1	
	4391470Z264	CABLE ASSY, RADIO COAXIAL	1	AC
	4391470Z235	CABLE ASSY, RADIO COAXIAL	1	J
- 20	R101/ARN6	UNIT ASSY, RADIO COMPASS (GFAE) (SEE T.O. 1C-1-533)	1	
- 21	MT274/ARN6	MOUNT ASSY, RADIO COMPASS (SEE T.O. 1C-1-533)	1	
- 22	R77/ARC3	RECEIVER ASSY, RADIO (GFAE)	1	
	MT237/ARC3	MOUNT ASSY, (GFAE)	1	
	M359	ADAPTER ASSY	2	
- 23	J68/ARC3	BOX ASSY, POWER JUNCTION (GFAE)	1	
	PL153A	PLUG ASSY, (GFAE)	2	
	MT236/ARC3	MOUNT ASSY, (GFAE)	1	
	PL148A	PLUG ASSY, (GFAE)	1	
	U15/U	PLUG ASSY, (GFAE)	2	
	U16/U	PLUG ASSY, (GFAE)	1	
- 24	T67/ARC3	TRANSMITTER ASSY, RADIO (GFAE)	1	
	MT238/ARC3	MOUNT ASSY, (GFAE)	1	
	PL151A	PLUG ASSY, (GFAE)	1	
	5188820	MAST INSTL, AN104 ANTENNA	1	J
- 25	4188816	CLAMP, AN104 ( ) ANTENNA MAST UPPER LH	1	J
- 26	4188817	CLAMP, AN104 ( ) ANTENNA MAST UPPER RH	1	J
- 27	4188818	CLAMP, AN104 ( ) ANTENNA MAST LOWER RH	1	J
- 28	4188819	CLAMP, AN104 ( ) ANTENNA MAST LOWER LH	1	J
- 29	AN104A	MAST, ANTENNA (GFAE)	1	J
	5202050	SUPPORT INSTL, AN104 ANTENNA MAST	1	AC
- 30	2202027	CLAMP, AN104 ANTENNA MAST	1	AC
- 31	2490940	CLAMP ASSY, AN104B ANTENNA	1	AC
- 32	1202047	STRIP, AN104 ANTENNA MAST INSULATOR	4	AC
- 33	MS35207-264	SCREW, (ALT PN AN520-10-10)	4	AC
	AN104B	MAST ASSY, ANTENNA (GFAE)	1	AC
	2485174	STRIP, AN104B RADIO ANTENNA GROUND	1	
	4406026-501	ADAPTER ASSY, CONTROL PANEL	2	
- 34	PC3-1/2	CUP, (72794)	2	
- 35	PS3-1/2	SPRING, (72794)	2	
- 36	PF3-1/2-38	FASTENER, (72794)	2	
- 37	4406026-5	ADAPTER, CONTROL PANEL	1	
	5483670	FURNISHINGS INSTL, INTERIOR STA 156 (SEE FIG. 153 FOR NHA)	REF	AC
- 38	5483670-3	STOOL, INTERIOR (MAKE FROM 5018 (90659))	1	AC
- 39	2255932	CLIP, 90 DEGREE SUPPORT	4	AC
- 40	MS35206-250	SCREW, (ALT PN AN515-8-20)	8	AC
		FOR EXPLANATION OF CODING SEE FIG. 153		

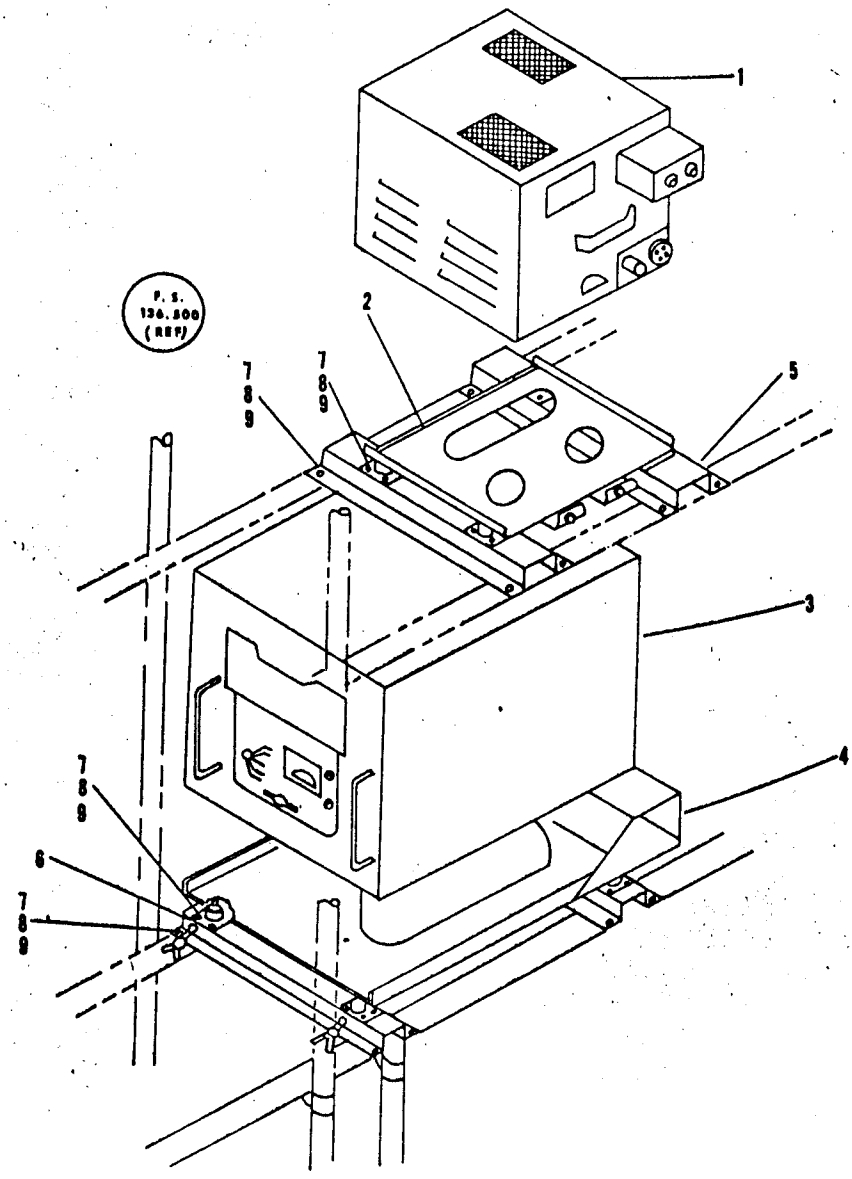

Figure 154A. Transceiver and Tuner Installation

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U A	USE CODE
154A	65D45720	TRANSCEIVER AND TUNER INSTALLATION	Ref	A
- 1	180L-3	. TUNER (13499)	1	
- 2	350D-3	. SHOCKMOUNT (13499)	1	
- 3	618T-3	. TRANSCEIVER (13499)	1	
- 4	390J-1	. SHOCKMOUNT (13499)	1	
- 5	65B45719-3	. MOUNT (98752)	2	
- 6	65B45719-4	. MOUNT (98752)	2	
- 7	AN520-10R10	. SCREW	48	
- 8	AN960-10L	. WASHER	48	
- 9	MS21044N3	. NUT	48	
		A- 026, 055, 083, 088, 090, 142, 155, 205, 254, 296, 497, 516, 559, 560 AND 561		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

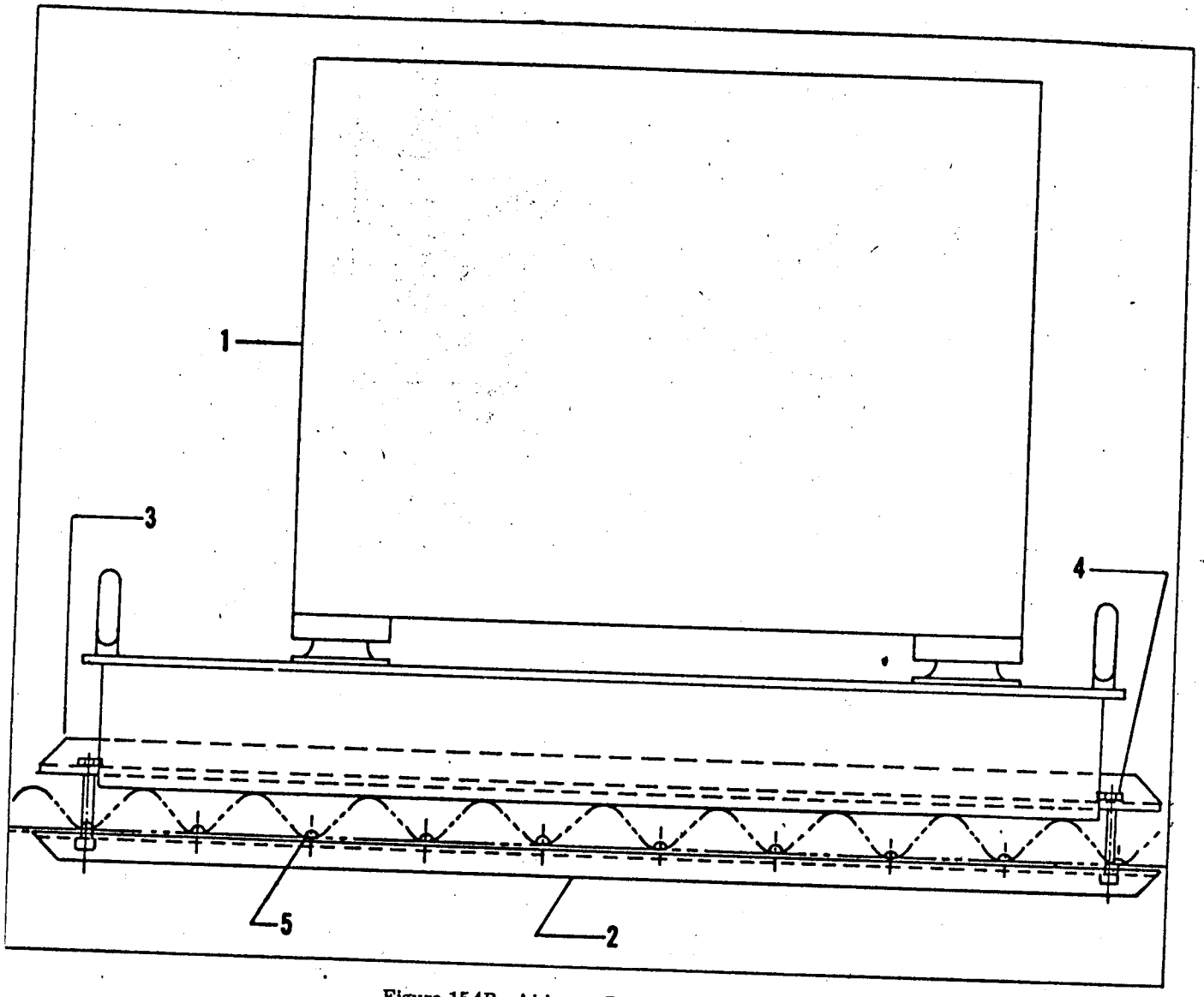

Figure 154B. Airborne Radio Relay System

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
154B	7130916	AIRBORNE PALLET INSTALLATION (SEE T.O. 1C-47D-503)		
- 1	AY-P95485	AIRBORNE PALLET SYSTEM		
- 2	7130916-10	CHANNEL ASSY	1	
- 3	7130916-01	CHANNEL	2	
- 4	AN6-17	SCREW	2	
- 5	MS20470AD5-8	RIVET	4	
			20	

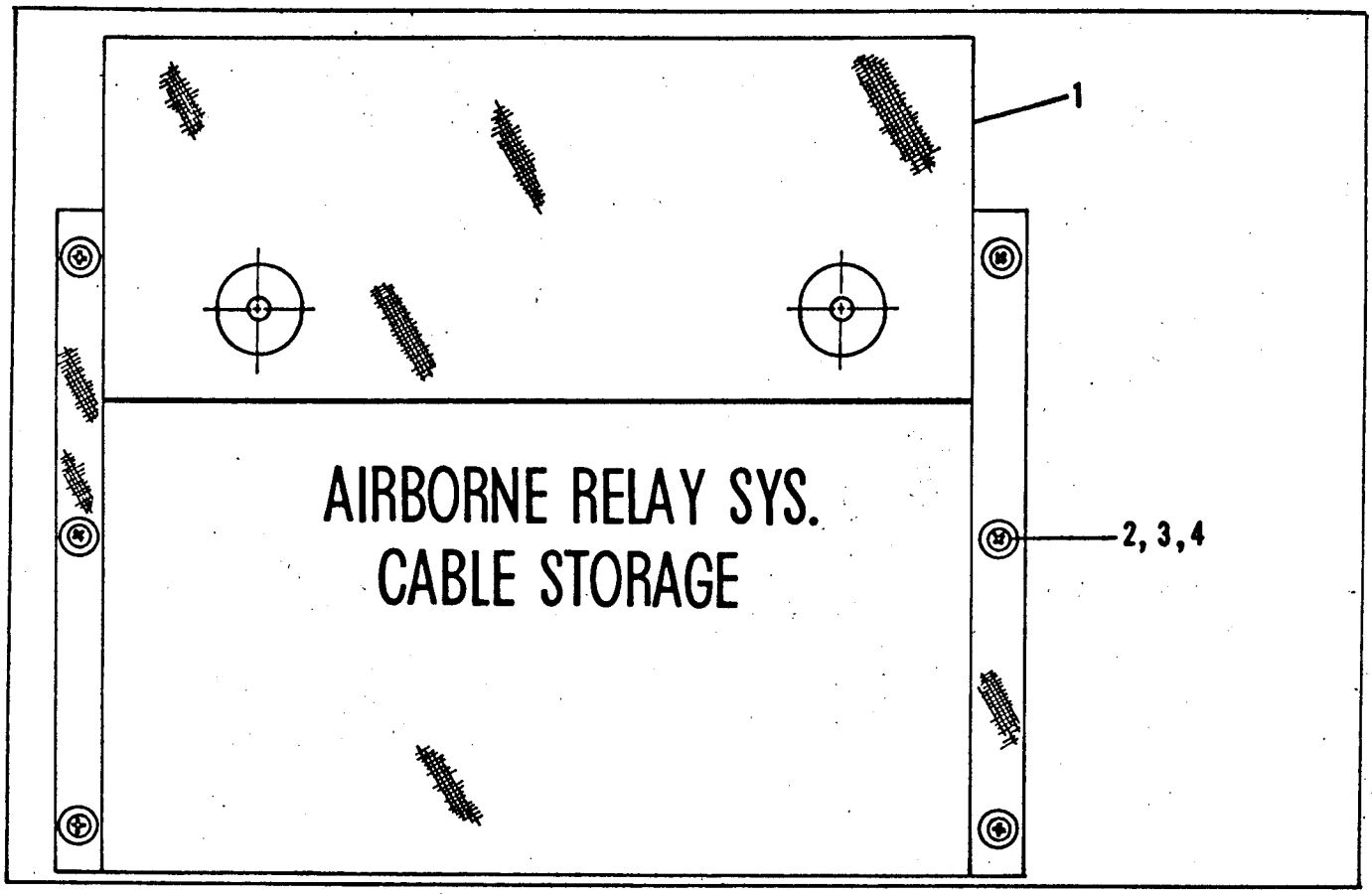

Figure 154C. Storage Bag Installation

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
154C	7130953	STORAGE BAG (SEE T.O. 1C-47D-503)		
- 1	7130952-10	BAG	1	
- 2	NAS602-8	SCREW	6	
- 3	AN945-8P	WASHER	6	
- 4	MS21044N08	NUT	6	

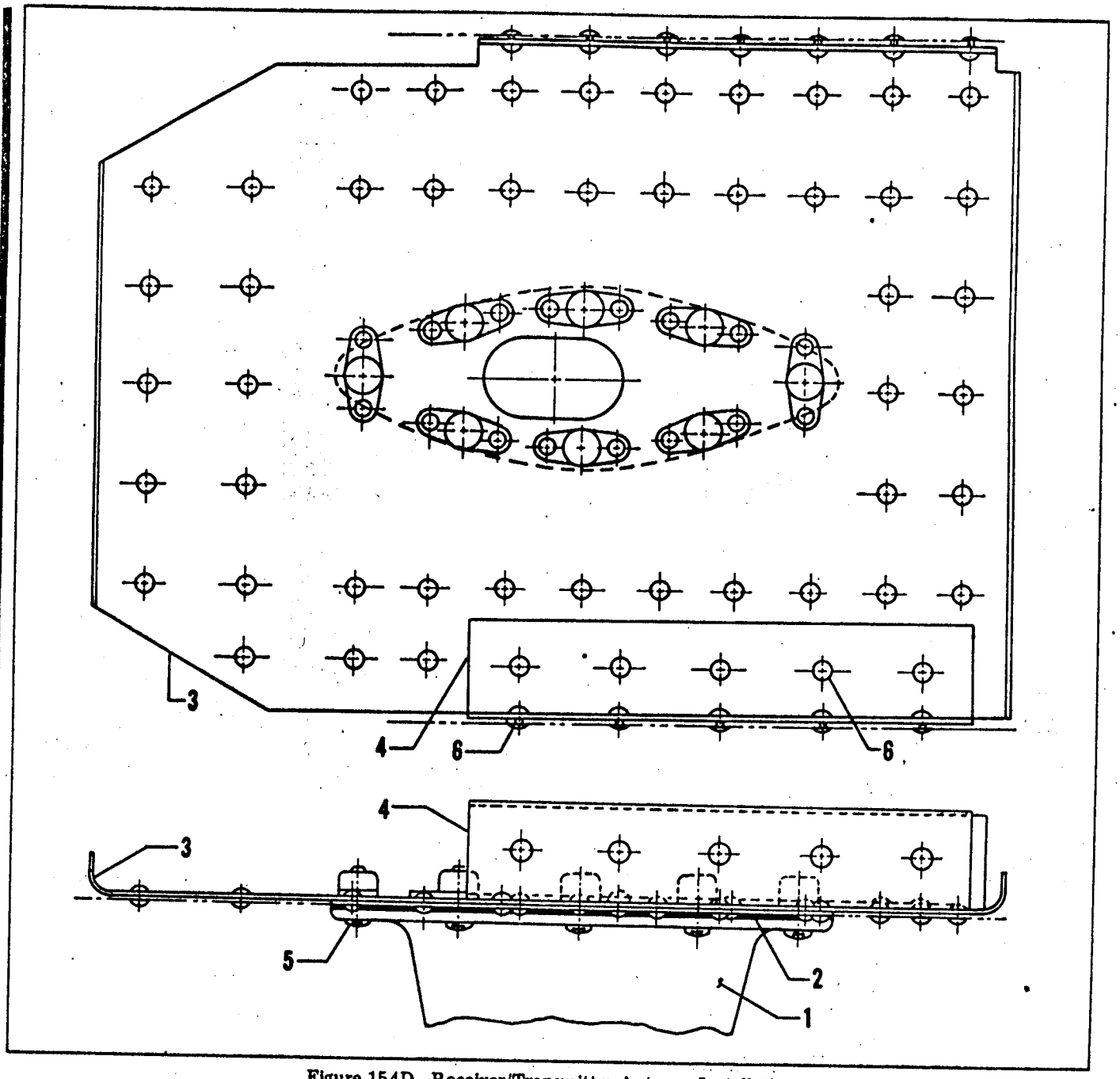

Figure 154D. Receiver/Transmitter Antenna Installation

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
154D	7130695	ANTENNA INSTALLATION (98752)(SEE T.O. 1C-47D-503)		
- 1	AT-256A/ARC	ANTENNA	1	
- 2	7130641-01	GASKET	1	
- 3	7130694-10	DOUBLER	1	
- 4	7130693-01	ANGLE	1	
- 5	NAS603-10	SCREW	5	
- 6	MS20470AD4-6	RIVET	63	

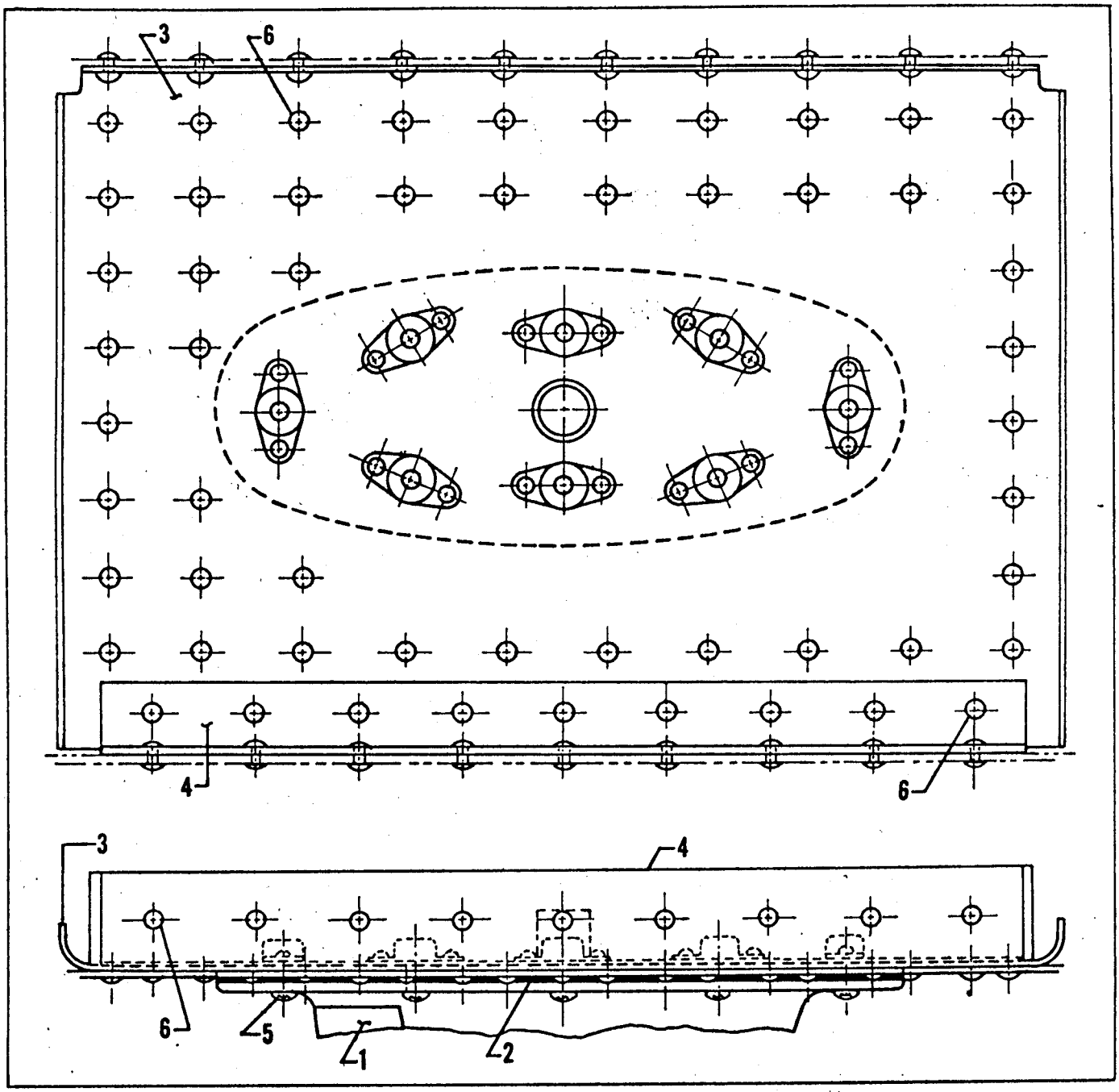

Figure 154E. Receiver Antenna Installation

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
154E	7130683	RECEIVER, ANTENNA INSTALLATION (SEE T.O. 1C-47D-503)		
- 1	DMS-1	ANTENNA (85226)	1	
- 2	7130642-01	GASKET	1	
- 3	7130682-10	DOUBLER	1	
- 4	7130681-01	ANGLE	1	
- 5	NAS602-11	SCREW	8	
- 6	MS20470AD4-6	RIVET	74	

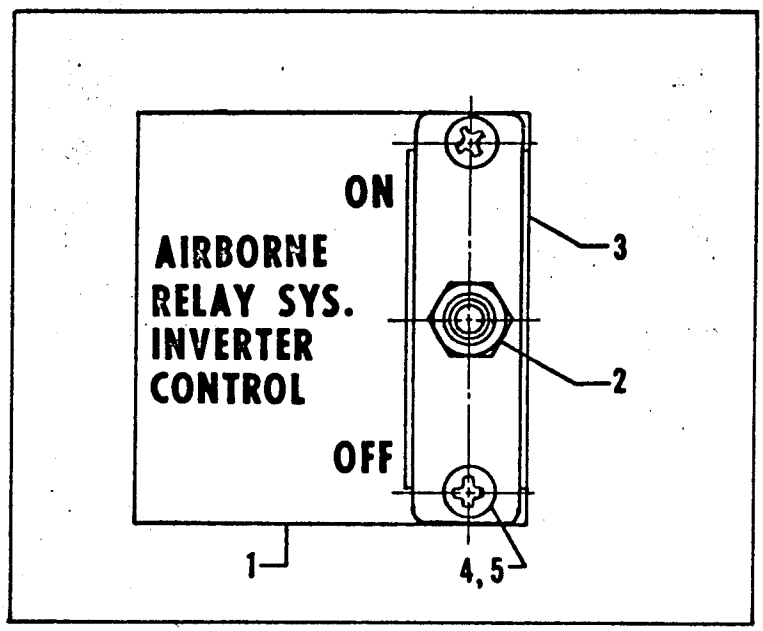

Figure 154F. Airborne Relay Switch Installation

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION (1 2 3 4 5 6 7)	U/A	USE CODE
154F	7130679	SWITCH INSTALLATION (98752)(SEE T.O. 1C-47D-503)		
- 1	7130658-01	NAMEPLATE	1	
- 2	MS35058-23	SWITCH	1	
- 3	MS25221-1	GUARD	1	
- 4	NAS601-6	SCREW	2	
- 5	MS21044N06	NUT	2	

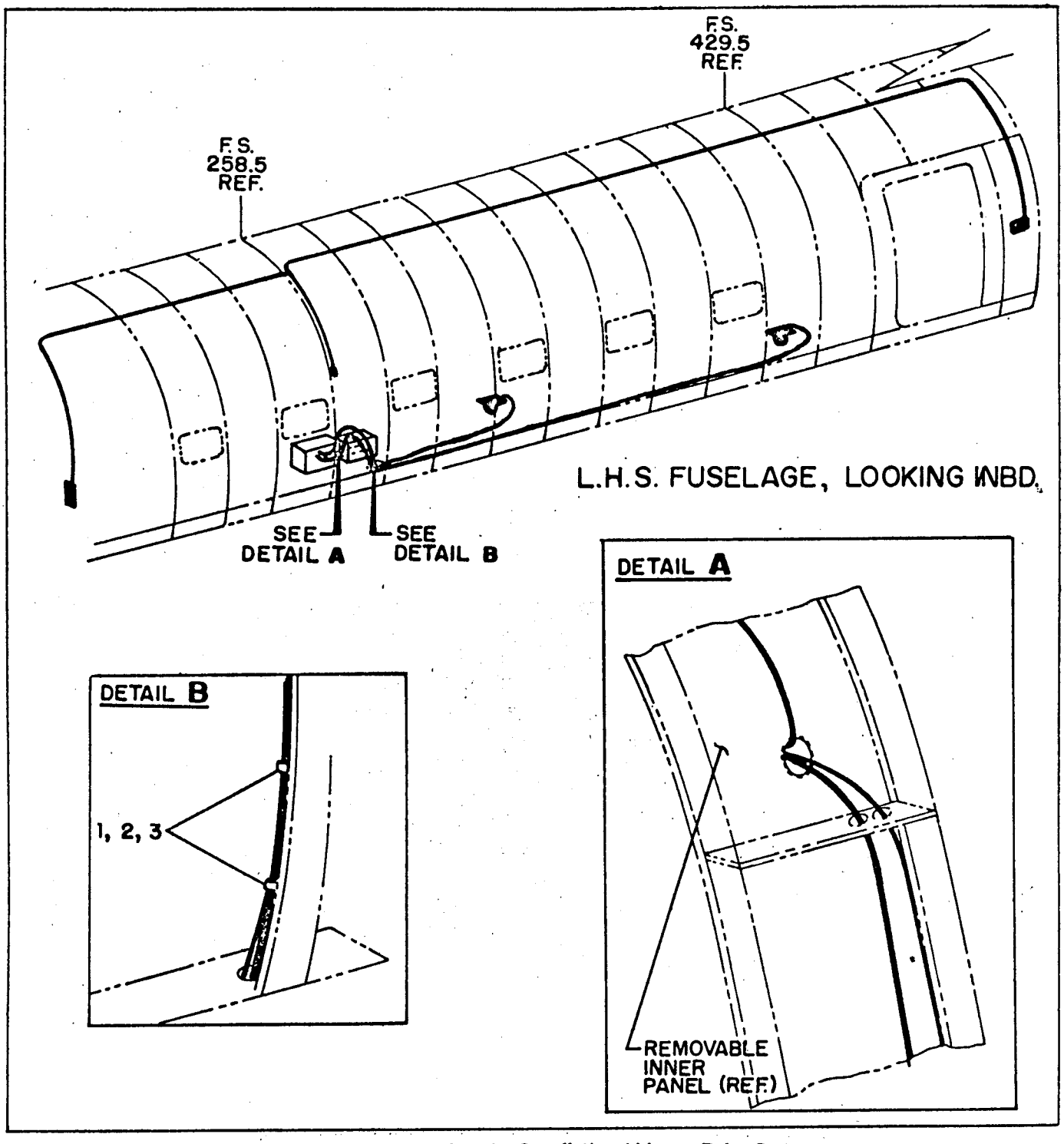

Figure 154G. Wire Routing Installation Airborne Relay System

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
154G	7130667	WIRE ROUTING INSTALLATION AIRBORNE RELAY SYSTEM		
- 1	MS21919DG7	CLAMP (SEE T.O. 1C-47D-503)	AR	
- 2	NAS603-8	SCREW (SEE T.O. 1C-47D-503)	AR	
- 3	MS21044N3	NUT (SEE T.O. 1C-47D-503)	AR	

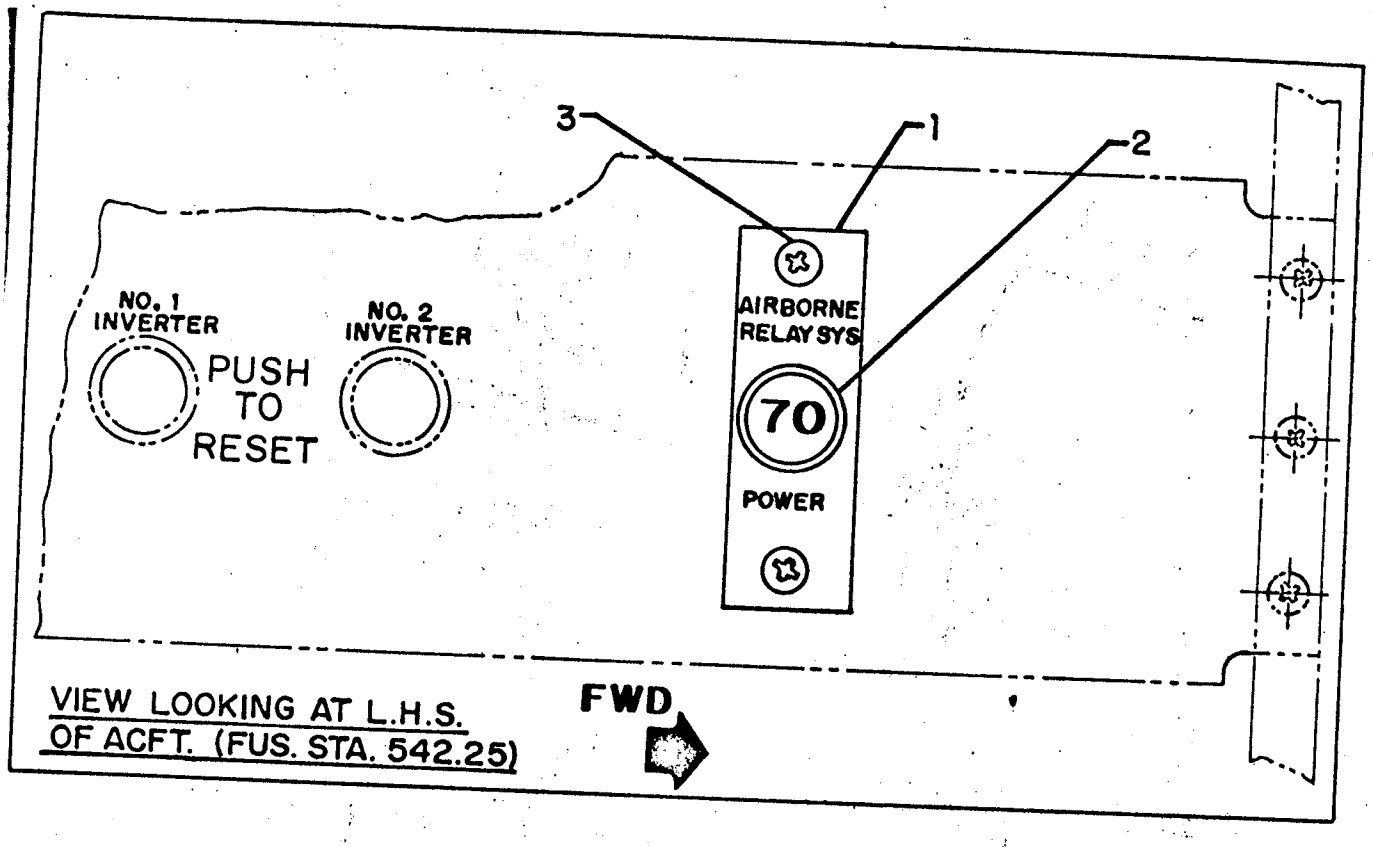

Figure 154H. Circuit Breaker Installation

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
154H	7130659	CIRCUIT BREAKER INSTALLATION (98752)		
- 1	MS39065-3	CIRCUIT BREAKER		
- 2	7130657-01	NAMEPLATE		
- 3	NAS603-13	SCREW		

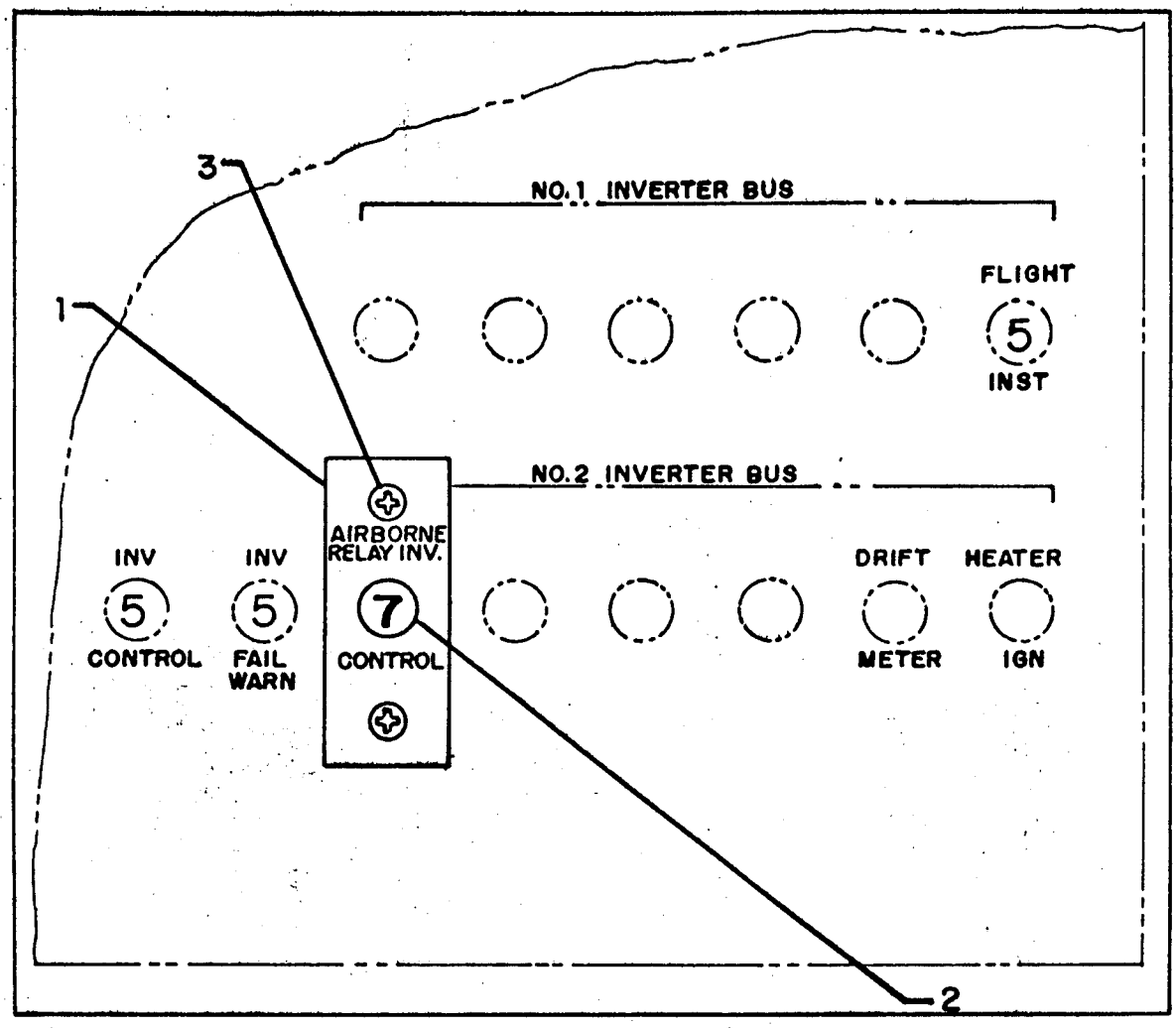

Figure 154I. Circuit Breaker Installation

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
154I	7130656-10	CIRCUIT BREAKER INSTALLATION (98752)(SEE T.O. 1C-47D-503)		
• 1	7130655-01	NAMEPLATE	1	
• 2	MS25017-7	CIRCUIT BREAKER	1	
• 3	NAS601-8	SCREW	2	

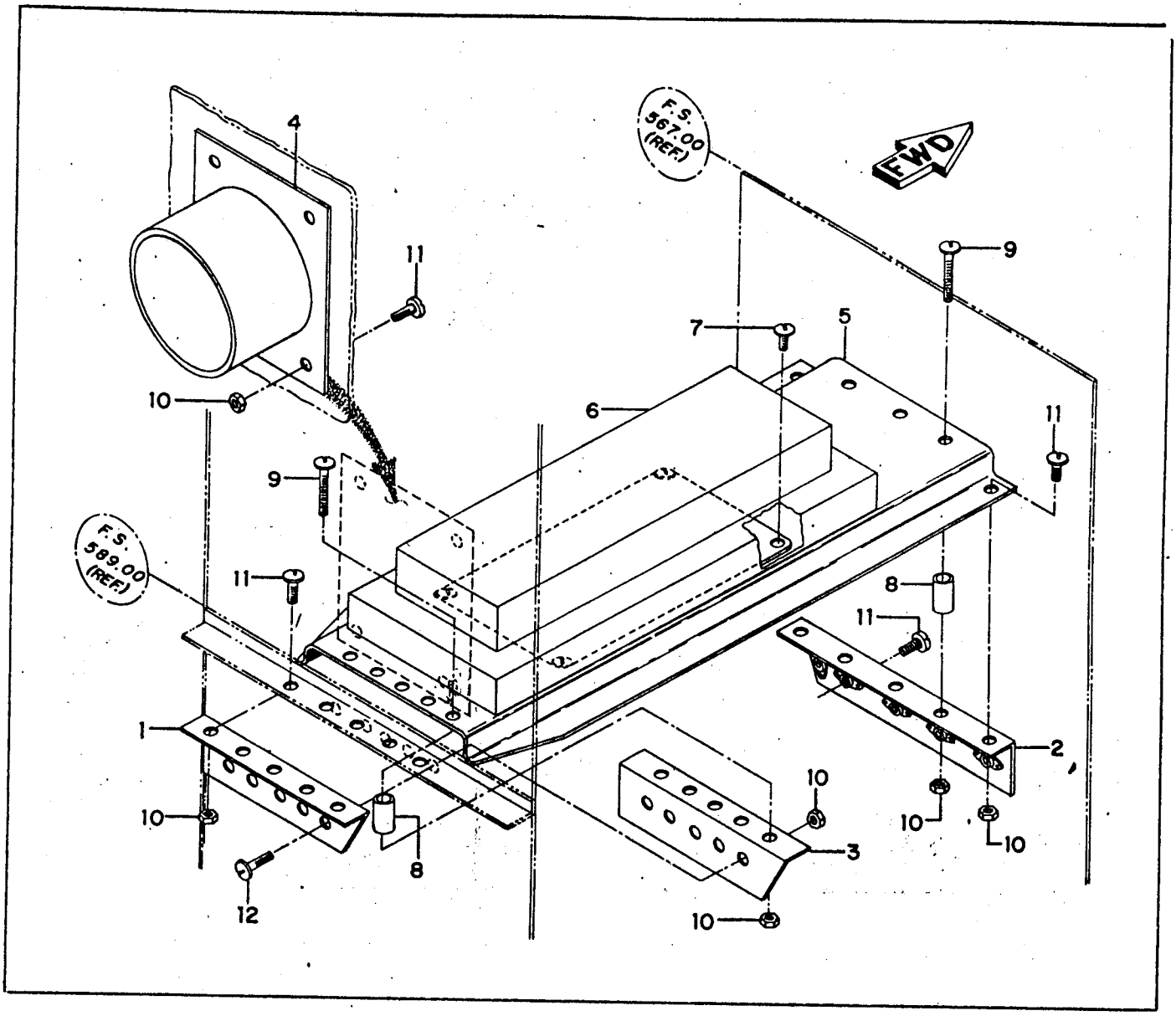

Figure 154J. Inverter Installation

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
154J	7130926-10	INVERTER INSTALLATION		
- 1	7130929-01	ANGLE	1	
- 2	7130922-10	ANGLE	1	
- 3	7130923-01	ANGLE	1	
- 4	7130924-10	BRACKET	1	
- 5	7130925-10	PLATE	1	
- 6	SE6-2A	INVERTER	1	
- 7	AN6-7	SCREW	4	
- 8	NAS43DD-48	SPACER	8	
- 9	NAS603-20	SCREW	8	
- 10	MS21044N3	NUT	24	
- 11	NAS603-8	SCREW	16	
- 12	NAS603-11	SCREW	5	

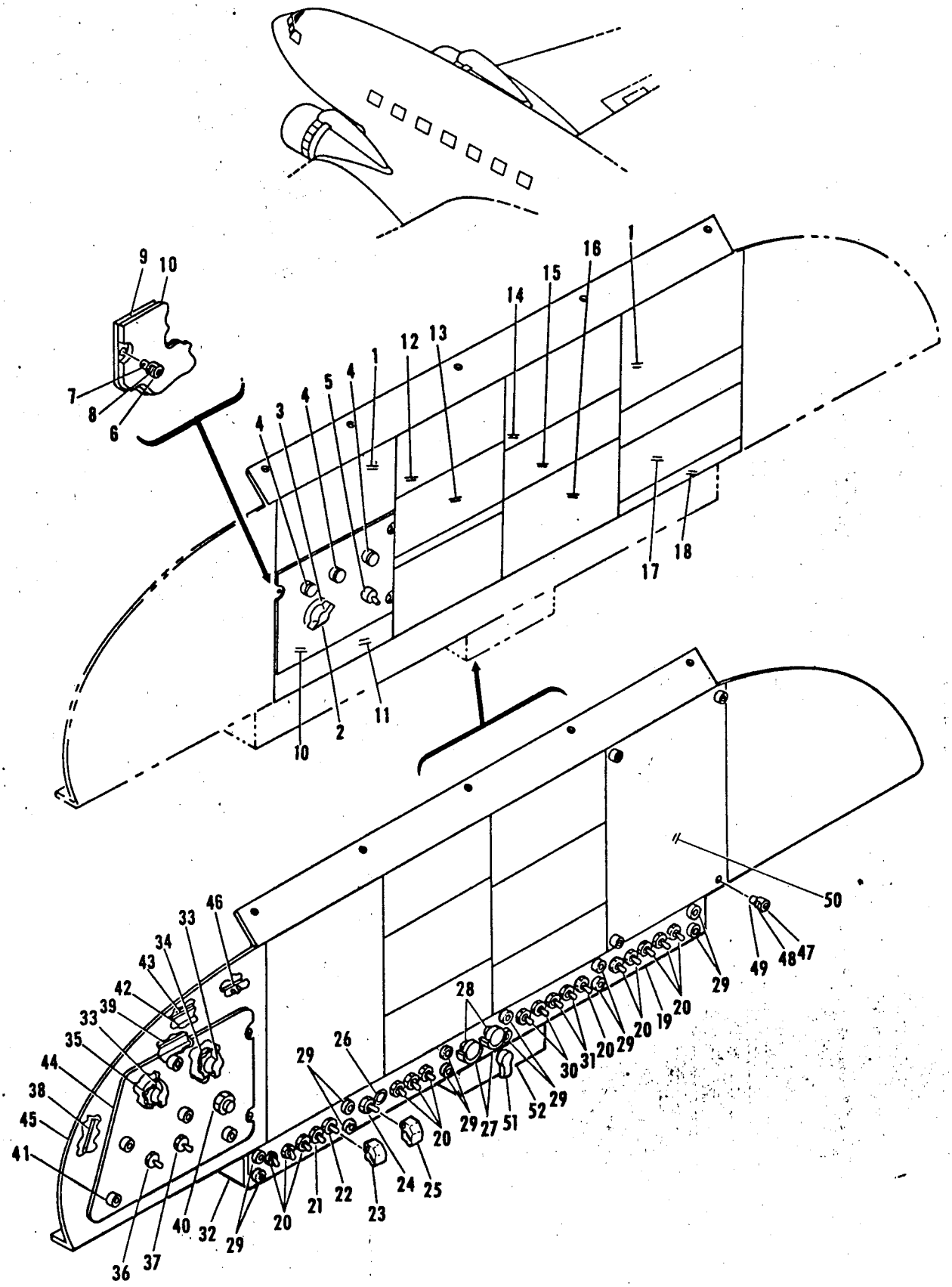

Figure 155. Cockpit Radio Control Panel and Support

V4-299

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
155		COCKPIT RADIO CONTROL PANEL AND SUPPORT		
	4482633	PANEL ASSY, COCKPIT RADIO CONTROL (SEE FIG. 153 FOR NHA)		
		(SEE T.O. 1C-1-532)	REF	
- 1	C1514/A	CONTROL ASSY, DIRECTION FINDER (GFAE)		
- 2	AN3220-3	KNOB ASSY, (REPLACES AN3220-2)	2	
- 3	AN3155-50-150	RHEOSTAT ASSY	1	
	S124682-6D12-6	WASHER	1	
- 4	1625D	LIGHT ASSY, (83564)	1	
- 5	MS35058-21	SWITCH ASSY, (ALT PN AN3021-1)	3	
- 6	PC3-1/2	CUP, (72794)	1	
- 7	PF3-1/2-28	STUD, (72794)	4	
- 8	PS3-1/2	SPRING, (72794)	4	
- 9	4482633-3	PANEL, COCKPIT RADIO CONTROL	4	
- 10	55C20444	PLATE, LIGHTING	1	
- 11	55B20302	PLATE, SPACER	1	
- 12	C996/A	PANEL ASSY, CONTROL (GFAE)	1	
- 13	C404/A	PANEL ASSY, CONTROL (GFAE)	1	
- 14	55C20783	PLATE, RESERVATION	1	
- 15	55B20784	PLATE, RESERVATION	1	
- 16	C629/APX	CONTROL ASSY, RADAR SET (GFAE) (ALT PN C1158/APX)	1	
	C1158/APX	CONTROL ASSY, RADAR SET (GFAE)	1	
- 17	470100	METER ASSY, TUNING (93676)	1	
- 18	55B20419	PLATE, RESERVATION	1	
	5492073-1	SUPPORT INSTL, COCKPIT RADIO AND ELECTRIC CONTROLS	1	
		(SEE FIG. 153 FOR NHA)	REF	AC,F
	5492073-501	SUPPORT INSTL, COCKPIT RADIO AND ELECTRIC CONTROLS		
		(SEE FIG. 153 FOR NHA)	REF	DE
- 19	5492073-3	SUPPORT ASSY, CONTROL	1	
	5492073-5	SUPPORT ASSY, SWITCH	1	AC,F
	5492073-7	SUPPORT ASSY, SWITCH	1	DE
- 20	11TS1-21	SWITCH ASSY, (91929)	12	
- 21	MS35058-21	SWITCH ASSY, (ALT PN AN3021-1)	1	AC,F
	11TS1-21	SWITCH ASSY, (91929)	1	DE
- 22	MS35058-22	SWITCH ASSY, (ALT PN AN3021-2)	1	AC,F
	11TS1-21	SWITCH ASSY, (91929)	1	AC,F
- 23	MS25224-1	GUARD, (ALT PN AN3028-1)	1	DE
- 24	MS35058-30	SWITCH ASSY, (ALT PN AN3021-8)	1	AC,F
	MS35058-23	SWITCH ASSY, (ALT PN AN3021-3)	1	AC,F
- 25	MS25224-3	GUARD, (ALT PN AN3028-4)	1	DE
- 26	HS48152	BUTTON, PLUG (61864)	1	AC,F
	12TS1-21	SWITCH ASSY, (91929)	1	AC,F
- 27	S1082998	GUARD, PROPELLER FEATHERING SWITCH	1	DE
- 28	54267	SWITCH ASSY, (FURNISHED WITH PROPELLER)	2	
- 29	A6165-327	LIGHT ASSY, (72914)	2	
- 30	MS35058-27	SWITCH ASSY, (ALT PN AN3021-7)	12	
- 31	MS35058-28	SWITCH ASSY, (ALT PN AN3021-11) (SEE T.O. 1C-1-532)	2	
- 32	3492354	SUPPORT, COCKPIT ELECTRIC SWITCH	2	
	5492073-9	PANEL ASSY, COCKPIT RADIO AND ELECTRIC CONTROLS LH	1	
	5492073-11	PANEL ASSY, COCKPIT RADIO AND ELECTRIC CONTROLS RH	1	AC,F
- 33	AN3220-3	KNOB ASSY	1	DE
- 34	AN3155-50-50	RHEOSTAT ASSY	2	
- 35	NO NUMBER	RHEOSTAT ASSY, (MODEL H) (TYPE 352) (44655)	1	
- 36	MS25105-23	SWITCH ASSY, (ALT PN AN3226-3)	1	
- 37	MS25104-21	SWITCH ASSY, (ALT PN AN3227-1)	1	
- 38	RW33G100	RESISTOR ASSY, 18 WATT 10 OHM (75042)	1	
- 39	RW33G250	RESISTOR ASSY, 18 WATT 25 OHM (75042)	1	
- 40	D3E	BUTTON, PUSH (71468)	1	
- 41	A6165-327	LIGHT ASSY, (72914)	1	DE
- 42	AC37A522-13	RESISTOR ASSY	5	
- 43	2118789	HOLDER ASSY, INSTRUMENT LIGHT RESISTOR	1	DE
- 44	5492073-53	PANEL, COCKPIT RADIO AND ELECTRIC CONTROLS	1	DE
- 45	55D21081	PANEL ASSY, COPILOT OVERHEAD (SEE T.O. 1C-1-532)	1	
	5492073-41	STRIP ASSY, TERMINAL LH	1	
	5492073-43	STRIP ASSY, TERMINAL RH	1	
- 46	MS27212-1-20	TERMINAL BOARD, (ALT PN AN3436-2-20)	1	
	2409136	PANEL ASSY, CONSOLE	2	
- 47	PC3-1/2	CUP, (72794)	2	
- 48	PS3-1/2	SPRING, (72794)	4	
- 49	PF3-1/2	STUD, (72794)	4	
- 50	2409136-3	PANEL, CONSOLE	4	
- 51	NO NUMBER	SWITCH ASSY, IGNITION (TYPE B6) (SPEC 94-32428)	1	
- 52	4492353	SUPPORT, IGNITION SWITCH	1	
			1	
		FOR EXPLANATION OF CODING SEE FIG. 153		

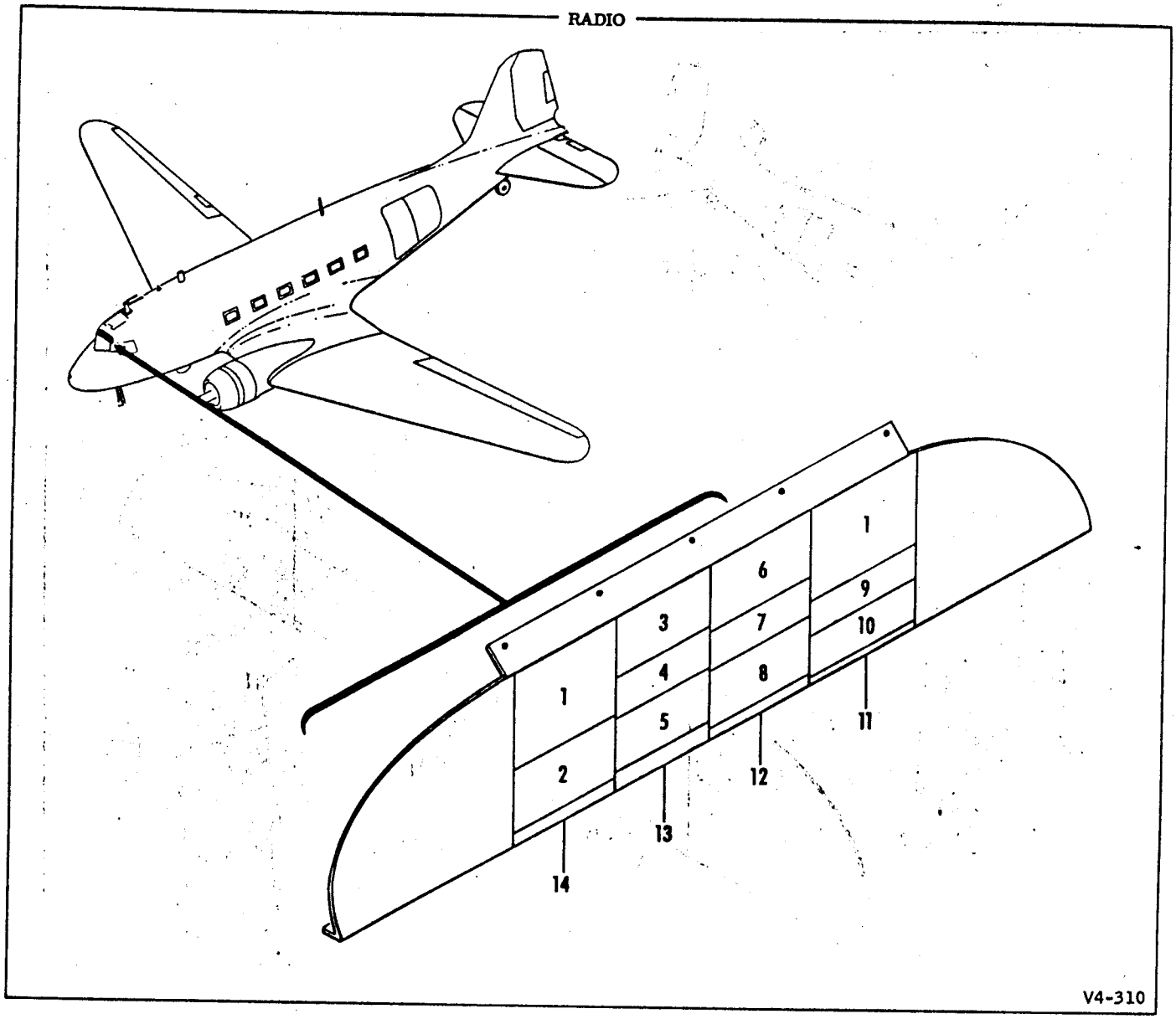

Figure 155A. Cockpit Radio Control Panel

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
155A	4482633	PANEL ASSY, COCKPIT RADIO CONTROL (SEE T.O. 1C-47-529)	REF	
- 1	C1514( )/A	CONTROL, AN/ARN-6 ADF SYSTEM	2	
- 2	55B20443	PLATE, LIGHTING (EXISTED PRIOR TO MODIFICATION)	REF	
- 3	C404( )/A	CONTROL, AN/ARC-3 COMMUNICATIONS SYSTEM (SEE T.O. 1C-47-529)	REF	
- 4	614U3A	CONTROL, VOR-101 NAVIGATIONAL SYSTEM (SEE FIG. 163D FOR RELATIONSHIP)	REF	
- 5	C1904( )ARC27	CONTROL, AN/ARC-27 COMMUNICATIONS SYSTEM (EXISTED PRIOR TO MODIFICATION)	REF	
- 6	SB327/ARC44	CONTROL, AN/ARC-44 COMMUNICATIONS SYSTEM (SEE FIG. 163A FOR RELATIONSHIP)	REF	
- 7	SA474/AR	CONTROL, AN/ARA-31 HOMING SYSTEM (SEE FIG. 163A FOR RELATIONSHIP)	REF	
- 8	C1158/APX	CONTROL, AN/APX-25 IFF SYSTEM (EXISTED PRIOR TO MODIFICATION)	REF	
- 9	470100	METER, TUNING AN/ARN-6 ADF SYSTEM	1	
- 10	55B20419	PLATE, RESERVATION AN/ARN-6 ADF SYSTEM	1	
- 11	2409136-501	PANEL, BLANK (SEE T.O. 1C-47-529)	REF	
- 12	2494683	PANEL, BLANK (SEE T.O. 1C-47-529)	REF	
- 13	2409136	PANEL, BLANK (SEE T.O. 1C-47-529)	REF	
- 14	55B20302	PANEL, BLANK AN/ARN-6 ADF SYSTEM	1	

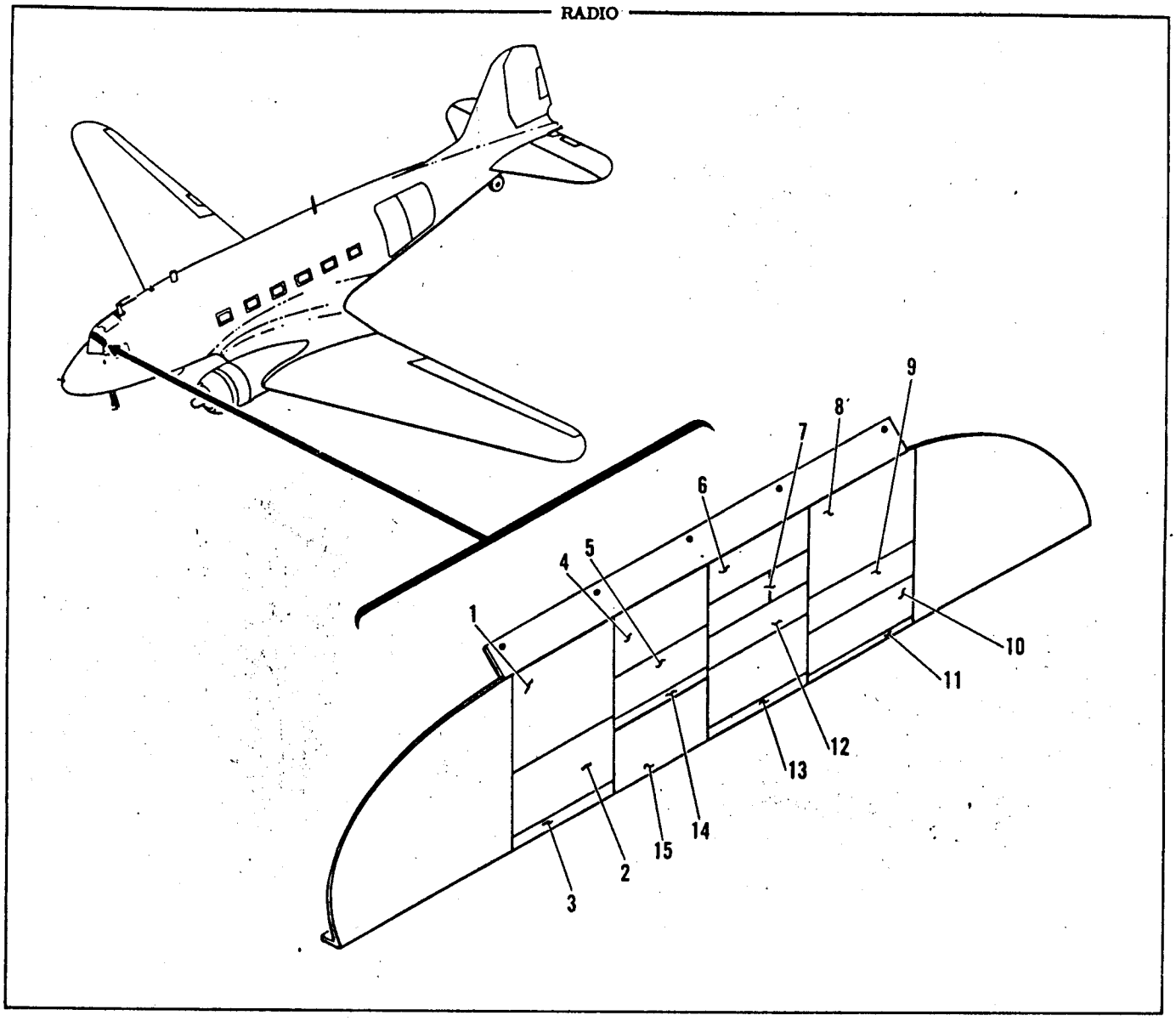

Figure 155B. Cockpit Radio Control Panel

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
155B –	4482633	PANEL ASSY, COCKPIT RADIO CONTROL (SEE FIG. 153 FOR NHA) (SEE T.O. 1C-1-551)	REF	
– 1	NO NUMBER	PANEL, BLANK	1	
– 2	4482633	PANEL, RADIO CONTROL	1	
	55B20443	PANEL, BLANK (ALT FOR PN 4482633)	1	
– 3	55B20302	PANEL, BLANK	1	
– 4	C-760A/A	PANEL, RADIO CONTROL	1	
– 5	C-404/A	PANEL, RADIO CONTROL	1	
– 6	C-866/ARN-21	PANEL, RADIO CONTROL	1	
– 7	55B20366	PANEL, RADIO SET SELECTOR	1	
– 8	C-1514( )1A	PANEL, RADIO CONTROL	1	
– 9	470100	PANEL, TUNING METER	1	
– 10	55B20419	PANEL, BLANK	1	
– 11	2409136-501	PANEL, BLANK	1	
– 12	C-629/APX	PANEL, RADIO CONTROL (ALT PN C1158/APX)	1	
	C-1158/APX	PANEL, RADIO CONTROL	1	
– 13	C-1128/APX	PANEL, RADIO CONTROL (ALT PN 55B20764)	1	
	55B20764	PANEL, BLANK	1	
– 14	NO NUMBER	PANEL, BLANK	1	
– 15	C-628/ARC-27	PANEL, RADIO CONTROL	1	

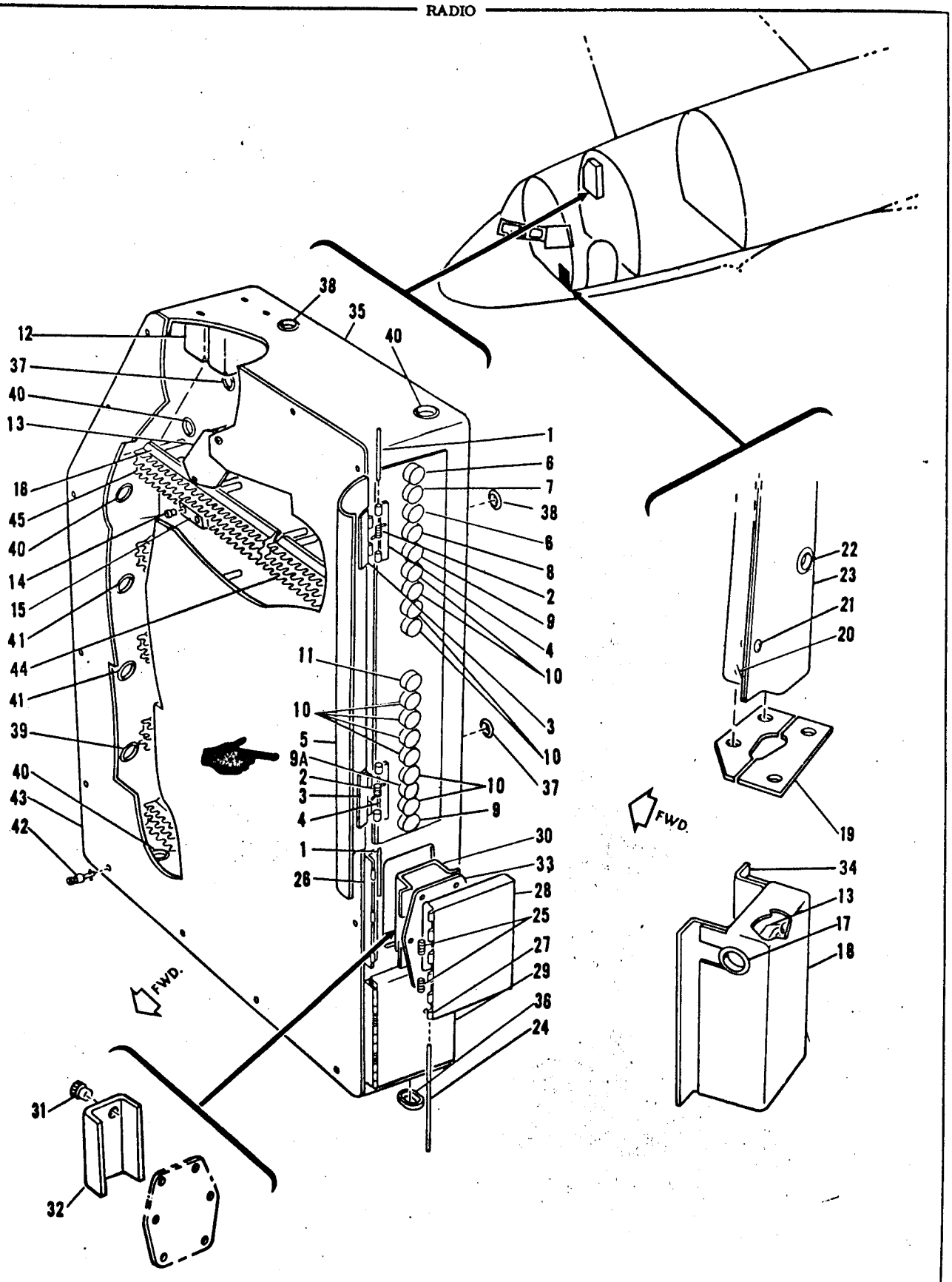

Figure 156. Radio Junction Box

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
156	5483627-501	BOX INSTL, RADIO JUNCTION (SEE FIG. 153 FOR NHA)	REF	AB,J
	5483627	BOX INSTL, RADIO JUNCTION (SEE FIG. 153 FOR NHA)	REF	C
	5395225-28	GUARD ASSY, CIRCUIT BREAKER	1	
	5395225-20	HINGE ASSY, CIRCUIT BREAKER GUARD COVER	2	
- 1	NAS41-2-2375	PIN	1	
- 2	S133509-10	SPRING, STANDARD HINGE	1	
- 3	5395225-2	HINGE, CIRCUIT BREAKER GUARD COVER HALF (MAKE FROM NAS40-2-2500)	1	
- 4	5395225-4	HINGE, CIRCUIT BREAKER GUARD COVER HALF (MAKE FROM NAS40-2-2500)	1	
- 5	5395225-6	GUARD, CIRCUIT BREAKER	1	
- 6	MS25017-5	CIRCUIT BREAKER, (ALT PN AN3161P5)	2	
- 7	MS25017-35	CIRCUIT BREAKER, (ALT PN AN3161P35)	1	
- 8	MS25017-20	CIRCUIT BREAKER, (ALT PN AN3161P20)	1	
- 9	MS25005-10	CIRCUIT BREAKER, (SEE T.O. 1C-1-532)	2	
- 9A	MS25005-15	CIRCUIT BREAKER, (SEE T.O. 1C-1-551)	1	
- 10	MS25005-5	CIRCUIT BREAKER, (SEE T.O. 1C-1-532 AND 1C-1-533)	10	
- 11	MS25005-25	CIRCUIT BREAKER, (SEE T.O. 1C-1-532)	1	
	MS35043-13	RESISTOR, (ALT PN RC21AE102K)	6	
	MS35043-80	RESISTOR, (ALT PN RC21AE511K)	1	
- 12	AN3320-1	RELAY ASSY, (SEE T.O. 1C-1-533)	2	
- 13	RF3-75	FILTER ASSY, NOISE (81668)	2	
	S1057256	HOLDER, SPARE FUSE	5	
	2399571	COVER ASSY, IFF DESTRUCTOR TERMINAL STRIP	1	
- 14	S2365458-504	NUT ASSY, TERMINAL STRIP COVER ATTACH	2	
- 15	2399571-3	COVER, IFF DESTRUCTOR TERMINAL STRIP	1	
- 16	2482892	SUPPORT, NUMBER IDENTIFICATION PLATE	5	
	2484747	COVER ASSY, NOISE FILTER	1	
- 17	S4243264N8A	GROMMET, (ALT PN 4243264-8A)	2	
- 18	2484747-3	COVER, NOISE FILTER	1	
- 19	2484841	SUPPORT ASSY, CABLE	1	
	2484841-3	SUPPORT, CABLE (ORDER NHA)	1	
	2484841-5	SUPPORT, CABLE (ORDER NHA)	1	
	3484896	TROUGH ASSY, WIRE	1	
- 20	3484896-5	COVER, WIRE TROUGH	1	
- 21	MS35206-229	SCREW, (ALT PN AN526-632R7)	8	
	MS21044D06	NUT, (ALT PN AN365D632A)	8	
- 22	S4243264N12A	GROMMET, WIRE PROTECTING SPLIT	3	
- 23	3484896-3	TROUGH, WIRE	1	
	414002	FUSE ASSY, ANTI-VIBRATION TYPE (75915)	2	
	414003	FUSE ASSY, ANTI-VIBRATION TYPE (75915)	4	
	414005	FUSE ASSY, ANTI-VIBRATION TYPE (75915)	6	
	3484392-1	COVER ASSY, RADIO FUSE PANEL	1	
	3484392-501	COVER ASSY, RADIO FUSE PANEL	1	
- 24	NAS41-1-5625	PIN	2	
- 25	2485520	SPRING, FUSE PANEL COVER	2	
- 26	3484392-5	HINGE, RADIO FUSE PANEL COVER HALF (MAKE FROM S1027689A600)	1	
- 27	3484392-9	HINGE, RADIO FUSE PANEL COVER HALF (MAKE FROM S1027689A524)	1	
- 28	3484392-3	COVER, RADIO FUSE PANEL	1	
- 29	3484392-11	COVER, RADIO FUSE PANEL	1	
- 30	2532391	GUARD ASSY, RADIO FUSE PANEL	2	
- 31	S2365458	NUT ASSY, TERMINAL STRIP COVER ATTACH	2	
- 32	2532391-3	GUARD, RADIO FUSE PANEL	1	
- 33	4331814	PANEL ASSY, RADIO FUSE	2	
	4365996-16	BUS ASSY, FLAGGED	1	AB,J
	4365996-15	BUS ASSY, FLAGGED	1	C
- 34	4484641	SUPPORT ASSY, NOISE FILTER	1	
	5482958	BOX INSTL, RADIO JUNCTION	1	
- 35	5482958-15	BOX ASSY, RADIO JUNCTION	1	
- 36	S4372930-18A207	GROMMET, WIRE PROTECTING SPLIT OVAL	1	
- 37	S4243264N10A	GROMMET, WIRE PROTECTING SPLIT	2	
- 38	S4243264N12A	GROMMET, WIRE PROTECTING SPLIT	2	
- 39	S4243264N14A	GROMMET, WIRE PROTECTING SPLIT	1	
- 40	S4243264N16A	GROMMET, WIRE PROTECTING SPLIT	4	
- 41	S4243264N20A	GROMMET, WIRE PROTECTING SPLIT	2	
- 42	2600-1	STUD ASSY, (71286)	16	
	AN3-5A	BOLT	9	
	22A1K3-02	NUT, CAP (72962)	9	
- 43	5482958-9	COVER, RADIO JUNCTION BOX	1	
- 44	MS27212-1-20	TERMINAL BOARD, (ALT PN AN3436-2-20)	10	
- 45	MS27212-1-9	TERMINAL BOARD, (ALT PN AN3436-2-9)	10	
	AN3303-1	RELAY ASSY	1	C
	MS3102R20-27S	CONNECTOR, (ALT PN AN3102A20-27S)	1	C
		FOR EXPLANATION OF CODING SEE FIG. 153		

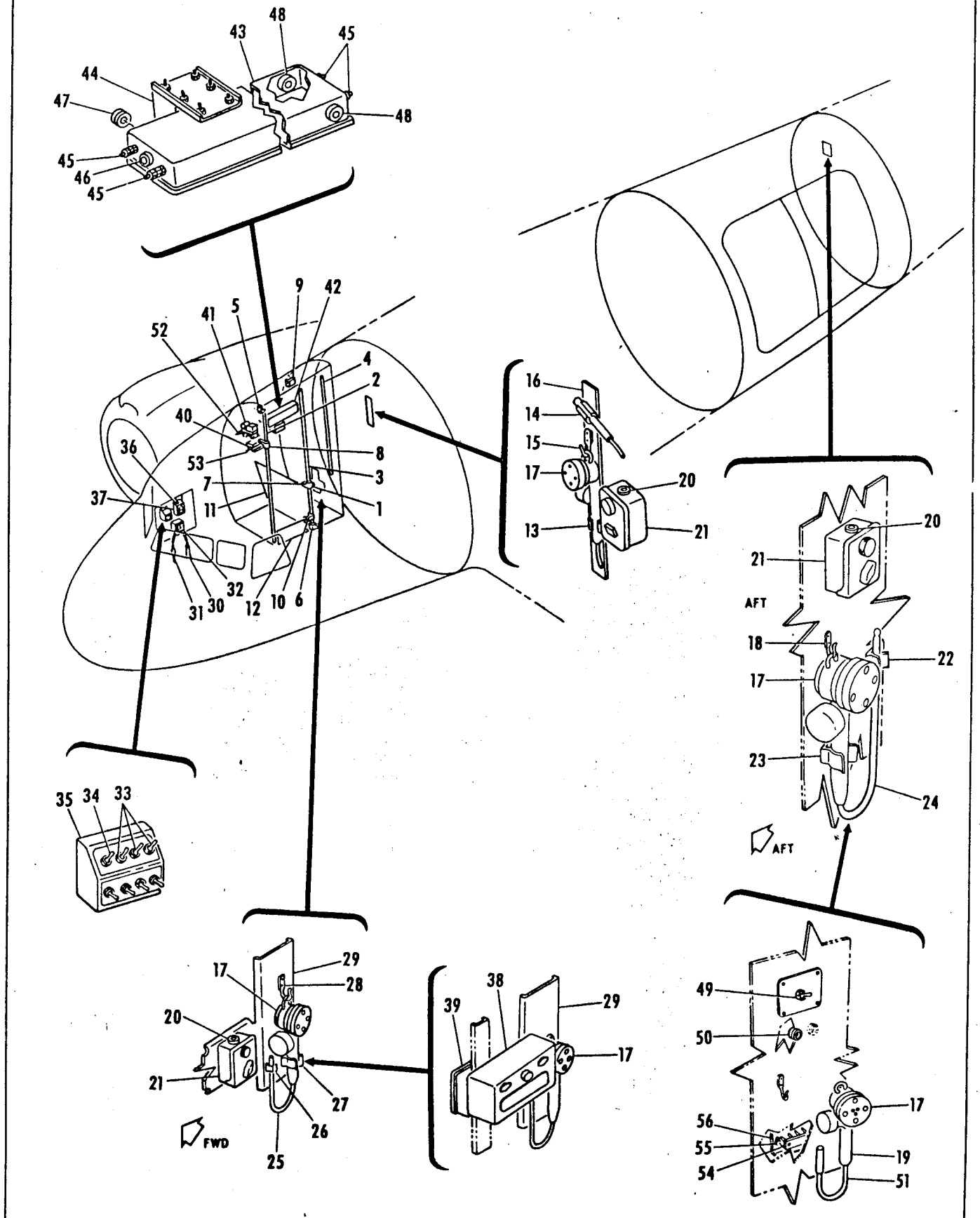

Figure 157. Radio Rack and Interphone

V4-182

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
157		RADIO RACK AND INTERPHONE		
	5484510	RACK INSTL, RADIO (SEE FIG. 153 FOR NHA)	REF	AB
	5482328	RACK INSTL, RADIO (SEE FIG. 153 FOR NHA)	REF	C,F
	5482328-501	RACK INSTL, RADIO (SEE FIG. 153 FOR NHA)	REF	DE
- 1	1185395	CLIP, NAVIGATOR TABLE (MAKE FROM 169097-024)	1	
- 2	2185356-2	TUBE, RADIO RACK	1	
- 3	2185356-4	TUBE, RADIO RACK	1	
- 4	2185356-6	TUBE, RADIO RACK	1	
- 5	2482491	HANGER, RADIO RACK	3	
- 6	2482492	ANCHOR, RADIO RACK	2	
- 7	2482508	FITTING, RADIO RACK STRAIGHT	2	
- 8	2482374	FITTING, RADIO RACK STRAIGHT	10	
- 9	1140787	CLIP, NAVIGATOR DOME SUPPORT (MAKE FROM 1117543-204)	1	
- 10	2483505	CLAMP ASSY, RADIO RACK KICK PLATE	4	
- 11	3483205	PLATE, RADIO RACK KICK	1	
- 12	3483507	PLATE ASSY, RADIO RACK KICK	1	
	5484778	INTERPHONE INSTL, AN/A1C3 STA 157 (SEE FIG. 153 FOR NHA)	REF	AB
	5483086	INTERPHONE INSTL, RC36B (SEE FIG. 153 FOR NHA)	REF	C
	5485226	INTERPHONE INSTL, AN/A1C3 STA 120 (SEE FIG. 153 FOR NHA)	REF	J
	5483086-3	BRACKET ASSY, INTERPHONE STA 177	1	C
- 13	S1017850	CLIP, RADIO MICROPHONE T17	1	C
- 14	S1019534	CLIP, RADIO HEADSET CONNECTOR CORD	1	C
- 15	S1146898	HOOK, MICROPHONE	1	C
- 16	2141352	BRACKET, NAVIGATOR MICROPHONE	1	C
- 17	35D3887	MICROPHONE ASSY, (GFAE)	3	
- 18	S1146898	HOOK, MICROPHONE	1	CF
	2185464	MICROPHONE ASSY, AFT CABIN	1	J
- 19	M150R	MICROPHONE ASSY, (GFAE)	1	J
	3483603-503	BOX ASSY, INTERPHONE JACK	1	C
	3483603-501	BOX ASSY, INTERPHONE JACK	2	C
- 20	MS35489-13	GROMMET, (ALT PN AN931-7-11)	1	C
- 21	C166A1C3	BOX, INTERPHONE JACK	1	C
- 22	S1019534	CLIP, RADIO HEADSET CORD	1	CF
- 23	S1017850	CLIP, RADIO MICROPHONE T17	1	C
- 24	S5293167A80C	CORD ASSY, COMMUNICATION EQUIPMENT CONNECTOR	1	C
	S5293167A60C	CORD ASSY, COMMUNICATION EQUIPMENT CONNECTOR	2	C
	S5293167A60C	CORD ASSY, COMMUNICATION EQUIPMENT CONNECTOR	3	J
- 25	S5293167A60C	CORD ASSY, COMMUNICATION EQUIPMENT CONNECTOR	4	AB
	3485407	BRACKET ASSY, RADIO OPERATOR INTERPHONE	1	AC
- 26	S1019534	CLIP, RADIO HEADSET CONNECTOR CORD	1	AC
- 27	S1017850	CLIP, RADIO MICROPHONE T17	1	AC
- 28	S1146898	HOOK, MICROPHONE	1	AC
- 29	3485407-3	BRACKET, RADIO OPERATOR INTERPHONE	1	AC
	4484878	BOX ASSY, INTERPHONE FILTER SWITCH	2	C
- 30	FL30	FILTER ASSY	1	C
- 31	S5154952J12	PLUG AND CORD ASSY, COMMUNICATION EQUIPMENT	1	C
- 32	S5154952M61	JACK AND CORD ASSY, COMMUNICATION EQUIPMENT	1	C
	4482940	BOX ASSY, MIXER SWITCH	2	C
- 33	MS25098-22	SWITCH ASSY	7	C
- 34	MS25098-23	SWITCH ASSY	1	C
	2482640	BOARD ASSY, INTERPHONE MIXER BOX TERMINAL	1	C
	MS35489-13	GROMMET, (ALT PN AN931-7-11)	1	C
- 35	4482940	BOX ASSY, INTERPHONE MIXER	1	C
	S4243264N12	GROMMET, WIRE PROTECTING SPLIT	1	C
	3483603-1	BOX ASSY, INTERPHONE JACK	1	C
- 36	MS35489-13	GROMMET, (ALT PN AN931-7-11)	1	C
- 37	3483603-3	BOX, INTERPHONE JACK	1	C
	C166/A1C3	BOX, CONTROL (GFAE)	4	B
- 38	C166/A1C3	BOX, CONTROL (GFAE)	3	J
	F21/ARA9	FILTER ASSY, (GFAE)	4	AB
- 39	F21/ARA9	FILTER ASSY, (GFAE)	3	J
- 40	AM142/A1C	AMPLIFIER ASSY, MIXER (GFAE)	2	C
- 41	AM26A/A1C	AMPLIFIER ASSY, (GFAE)	1	
- 42	4189231	BOX INSTL, J90/A1C3 JUNCTION	1	AB,J
- 43	5324123	BOX ASSY, MCR597A INTERPHONE JACK	1	AB,J
- 44	RE31/U	RELAY ASSY, (GFAE)	1	AB,J
- 45	S1093732	STUD ASSY, GROUND	4	AB,J
- 46	S4243264N12A	GROMMET, WIRE PROTECTING SPLIT (ALT PN S4243264-12A)	1	AB,J
- 47	S4243264N20A	GROMMET, WIRE PROTECTING SPLIT (ALT PN S4243264-20A)	1	AB,J
- 48	S4243264N16A	GROMMET, WIRE PROTECTING SPLIT (ALT PN S4243264-16A)	2	AB,J
- 49	SA26/U	SWITCH ASSY	1	J
- 50	MS35489-9	GROMMET, (ALT PN AN931-5-9)	2	J
- 51	S5154952M80	CORD ASSY, COMMUNICATION CONNECTOR	1	J
- 52	MT691/ARN-18	MOUNT ASSY, (GFAE)	1	
	NK27-21C-7/8	PLUG ASSY, (71468)	1	AB
	NK27-21C-7/8	PLUG ASSY, (GFAE)	3	J
	MS3108B14S2S	CONNECTOR, (ALT PN AN3108B14S2S)	2	C
	PL152A	PLUG ASSY, (GFAE)	1	
	MS3057-6	CLAMP, (ALT PN AN3057-6)	2	C
- 53	MT556/A1C	MOUNT ASSY, (GFAE)	2	C
	PL152A	PLUG ASSY, (GFAE)	1	C
- 54	MS27212-1-5	TERMINAL BOARD ASSY, (ALT PN AN3436-2-5)	1	J
	2491526	COVER ASSY, TERMINAL BLOCK	1	J
- 55	S2365458-504	NUT ASSY, TERMINAL STRIP COVER ATTACH	2	J
- 56	2491526-3	COVER, TERMINAL BLOCK PHENOLIC	1	J
		FOR EXPLANATION OF CODING SEE FIG. 153		

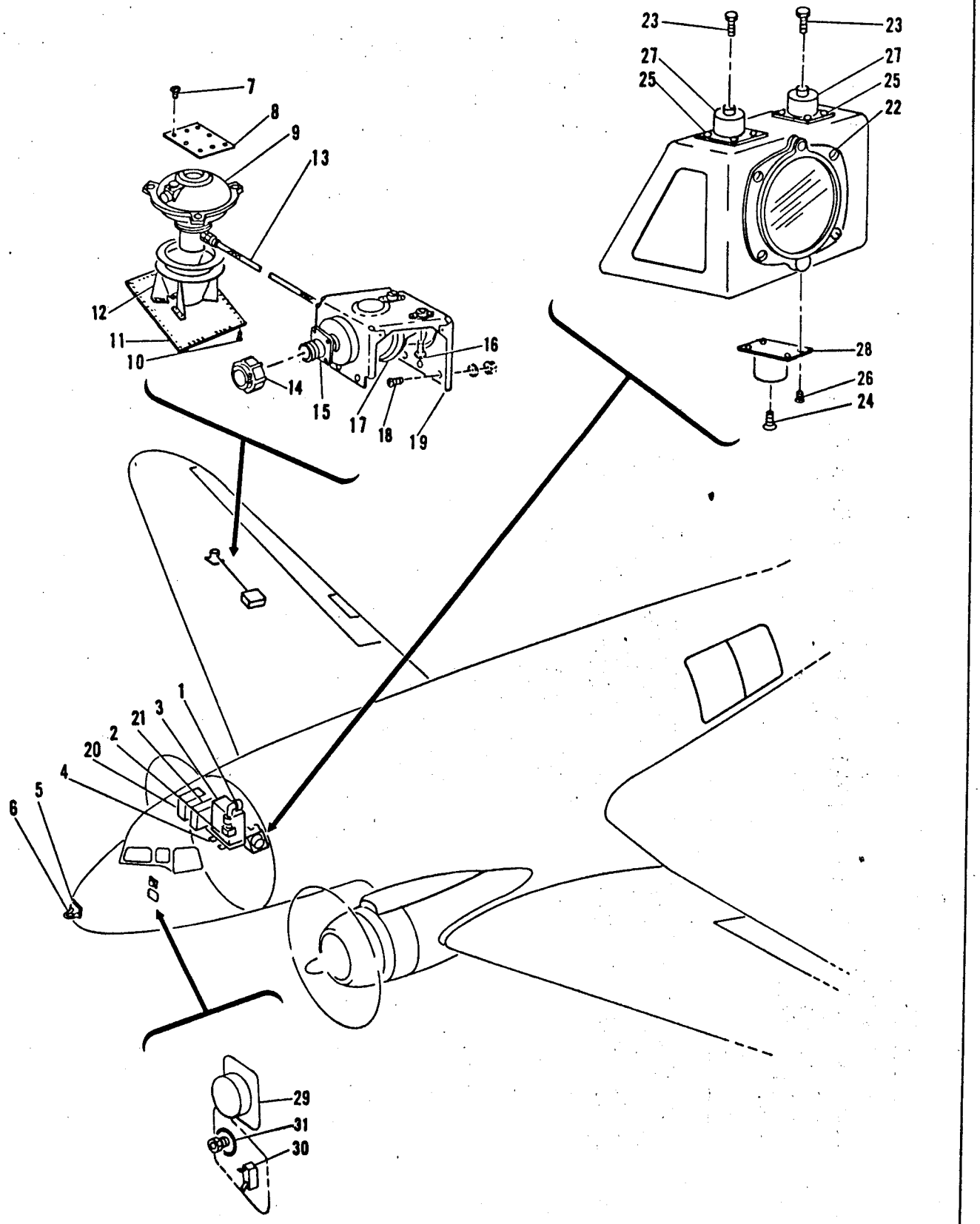

Figure 158. Glide Path and Fluxgate Compass

V4-301

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
158		GLIDE PATH AND FLUXGATE COMPASS		
	3483636	GLIDE PATH INSTL, (SEE FIG. 153 FOR NHA)		
- 1	S4391470W230	CABLE ASSY, RADIO COAXIAL	REF	
	UG27C/U	CONNECTOR ASSY	1	
- 2	2485909	ELEMENT, LUMPED IMPEDANCE MATCHING	1	
- 3	R322( )/ARN-18	RECEIVER, GLIDE PATH (GFAE)	1	
	MS3108B18-1S	CONNECTOR, (ALT PN AN3108B18-1S)	1	
	MS3057-10	CLAMP, (ALT PN AN3057-10)	1	
	MS3108B10SL4S	CONNECTOR, (ALT PN AN3108B10SL4S)	1	
	MS3057-4	CLAMP, (ALT PN AN3057-4)	1	
- 4	MT-691/ARN-18	MOUNT ASSY, (USED WITH ARN5 RADIO RECEIVER) (GFAE)	1	
	C3519	RELAY ASSY, (71607)	1	
	4390897	ANTENNA INSTL, GLIDE SLOPE	1	
- 5	4390897-7	GASKET, GLIDE SLOPE ANTENNA	1	
- 6	5045612-003	ANTENNA ASSY, (13499)(TYPE 37P4)	1	
	5483602-1	SYSTEM INSTL, FLUXGATE COMPASS (SEE FIG. 153 FOR NHA)	REF	AC
	5483602-501	SYSTEM INSTL, FLUXGATE COMPASS (SEE FIG. 153 FOR NHA)	REF	J
	3485176	DOOR INSTL, FLUXGATE COMPASS INSPECTION	1	
- 7	2484516	SCREW, 10-32 TRUSS HEAD	8	
- 8	3485176-3	DOOR, FLUXGATE COMPASS INSPECTION	1	
- 9	12002-18	TRANSMITTER ASSY, (19315) (GFAE)	1	
	MS3106B16S1S	CONNECTOR, (ALT PN AN3106B16S1S)	1	
	MS3057-8	CLAMP, (ALT PN AN3057-8)	1	
	5484482	SUPPORT INSTL, FLUXGATE COMPASS	1	
- 10	2484516	SCREW, 10-32 TRUSS HEAD	1	
- 11	5484482-3	DOOR, FLUXGATE COMPASS SUPPORT	57	
- 12	5484482-15	SUPPORT ASSY, FLUXGATE COMPASS	1	
	5484482-17	SUPPORT ASSY, FLUXGATE COMPASS	1	
	5484475	MOTOR INSTL, FLUXGATE COMPASS CAGING	1	
- 13	PC24431-1	SHAFT ASSY	1	
- 14	MS3057-6	CLAMP, (ALT PN AN3057-6)	1	
- 15	MS3106B14S2S	CONNECTOR, (ALT PN AN3106B14S2S)	1	
- 16	AN526-1032R9	SCREW	1	
	AN960D10L	WASHER	2	
- 17	CM2	CONTROL ASSY, CAGING (GFAE) (ALT PN CM5)	2	
	CM5	CONTROL ASSY, CAGING (GFAE)	1	
- 18	MS27039-8	SCREW, (ALT PN NAS228-8)	1	
	AN960D8L	WASHER	6	
	MS21044D08	NUT, (ALT PN AN365D832)	6	
- 19	5484475-3	SUPPORT, FLUXGATE COMPASS	6	
- 20	NO NUMBER	AMPLIFIER ASSY, (TYPE C1) (MIL-A-5957) (19315) (GFAE)	1	
	7499315-533	PLUG ASSY, PIN AND ADAPTER	1	
	MS3057-12	CLAMP, (ALT PN AN3057-12)	1	
	12076-1A	AMPLIFIER ASSY, (19315) (GFAE) (ALT PN 12003-1 (19315))	1	
- 21	12003-1	AMPLIFIER ASSY, (19315) (GFAE)	1	
	MS3108B14S2S	CONNECTOR, (ALT PN AN3108B14S2S)	1	
	MS3106B16S1S	CONNECTOR, (ALT PN AN3106B16S1S)	1	
	MS3106B16S4S	CONNECTOR, (ALT PN AN3106B16S4S)	1	
	MS3108B20-27S	CONNECTOR, (ALT PN AN3108B20-27S)	1	
	MS3057-6	CLAMP, (ALT PN AN3057-6)	1	
	MS3057-8	CLAMP, (ALT PN AN3057-8)	1	
	MS3057-12	CLAMP, (ALT PN AN3057-12)	1	
- 22	6234-12005ID-A1	INDICATOR ASSY, MASTER (CLASS 05) (GFAE)	1	
	MS3106B20-27S	CONNECTOR, (ALT PN AN3106B20-27S)	1	
	MS3106B14S5S	CONNECTOR, (ALT PN AN3106B14S5S)	2	
	MS3057-6	CLAMP, (ALT PN AN3057-6)	1	
	MS3057-12	CLAMP, (ALT PN AN3057-12)	1	J
	5484822	SUPPORT INSTL, FLUXGATE COMPASS	1	
- 23	AN3-22	BOLT	1	J
- 24	MS35206-243	SCREW, (ALT PN AN526-832R6)	2	J
	NAS43DD3-8	SPACER	1	J
	AN960D10L	WASHER	1	J
	AN935-8L	WASHER	2	
	MS21044D3	NUT, (ALT PN AN365D632A)	1	
- 25	MS35206-228	SCREW, (ALT PN AN526-632R6)	2	J
- 26	MS35206-244	SCREW, (ALT PN AN526-832R7)	8	J
	AN960D6L	WASHER	4	J
	MS21044D06	NUT, (ALT PN AN365D632A)	8	
	MS21044N08	NUT, (ALT PN AN365-832A)	8	J
- 27	6952-1H	MOUNT ASSY, SHOCK (51116)	4	J
- 28	7001L	MOUNT ASSY, SHOCK (51116)	2	J
- 29	10061-1E	INDICATOR ASSY, REPEATER (19315)	1	J
	MS3106B14S2S	CONNECTOR, (ALT PN AN3106B14S2S)	1	
	MS3057-6	CLAMP, (ALT PN AN3057-6)	1	
- 30	MS35058-30	SWITCH ASSY, (ALT PN AN3021-8)	1	
	MS35059-23	SWITCH, (ALT PN AN3027-3)	1	
-.31	MS25331-2	LIGHT ASSY, (ALT PN AN3157-2)	1	
	MS25231-313	LAMP, (ALT PN AN3121-313)	1	
		FOR EXPLANATION OF CODING SEE FIG. 153		

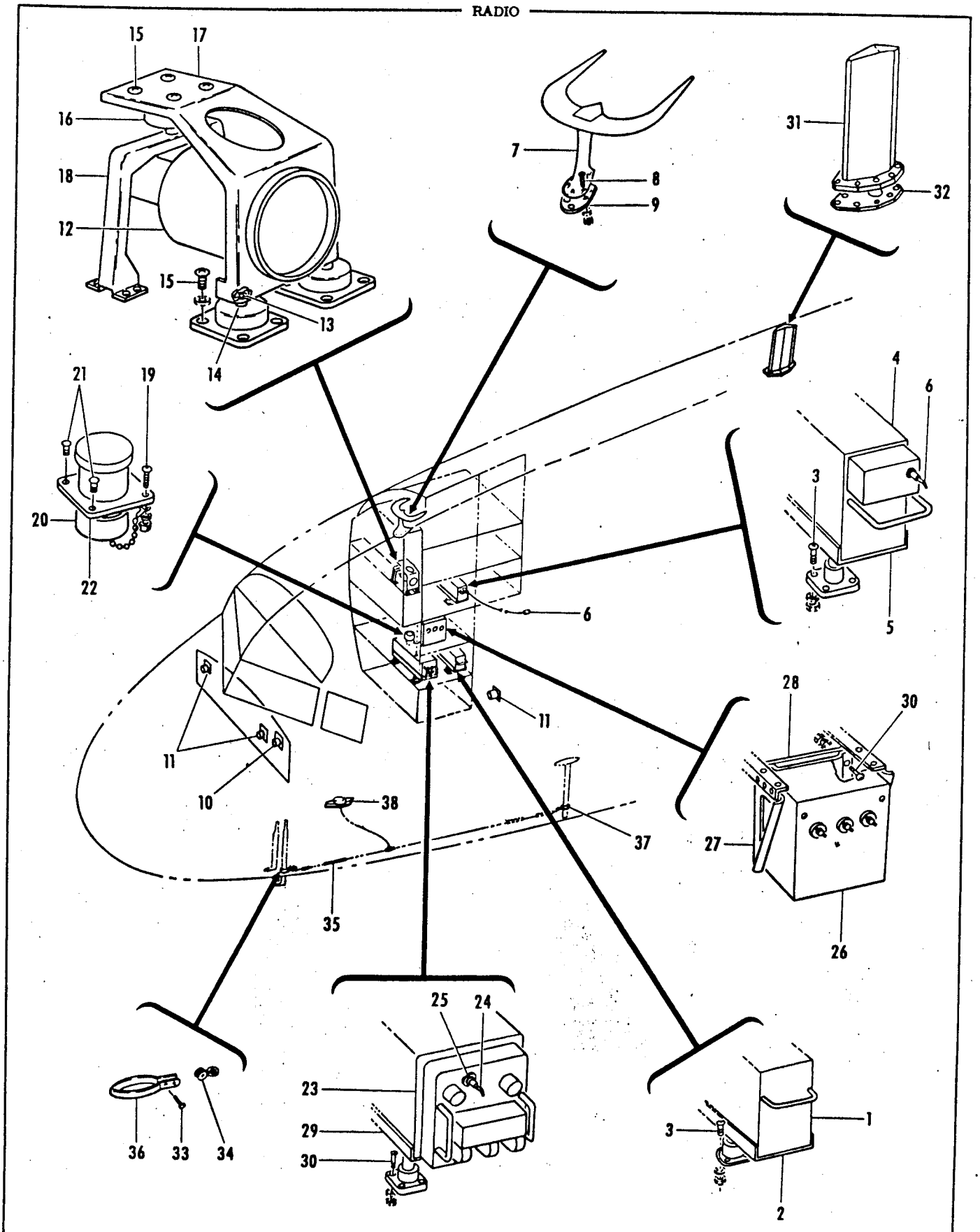

Figure 159. VOR, UHF, and Radio Compass Sense Antenna

V4-224

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
159		VOR, UHF AND RADIO COMPASS SENSE ANTENNA		
	5484035	RADIO INSTL, VOR (SEE FIG. 153 FOR NHA)	REF	AC
	5484035-501	RADIO INSTL, VOR (SEE FIG. 153 FOR NHA)	REF	J
- 1	DY66/ARN14	DYNAMOTOR ASSY, (GFAE)	1	
	MS3057-6	CLAMP, (ALT PN AN3057-6)	1	
- 2	MT628/ARN14	MOUNT ASSY, (GFAE)	1	
- 3	MS35206-245	SCREW, (ALT PN AN526-832R8)	16	
	MS21044D08	NUT, (ALT PN AN365D832A)	16	
	MS3057-16	CLAMP, (ALT PN AN3057-16)	3	
- 4	R252ARN14	RECEIVER ASSY, RADIO (GFAE)	1	
- 5	MT627/ARN14	MOUNT ASSY, (GFAE)	1	
- 6	S4391470W98	CABLE ASSY, (RADIO COAXIAL)	1	
	UG27C/U	CONNECTOR ASSY, (ALT PN UG27B/U)	2	
- 7	AT172/ARN14	ANTENNA ASSY, (GFAE)	1	
- 8	MS35207-265	SCREW, (ALT PN AN526-1032R12)	6	
	MS21044D3	NUT, (ALT PN AN365D1032A)	6	
- 9	2394902	GASKET, VHF NAVIGATION ANTENNA	1	
- 10	ID249/ARN	INDICATOR ASSY, COURSE (GFAE)	1	
	MS3106B28-12S	CONNECTOR, (ALT PN AN3106B28-12S)	1	
	MS3057-16	CLAMP, (ALT PN AN3057-16)	1	
- 11	ID250/ARN	INDICATOR ASSY, COURSE (GFAE)	3	
	MS3106B22-14S	CONNECTOR, (ALT PN AN3106B22-14S)	3	
	MS3057-12	CLAMP, (ALT PN AN3057-12)	3	
- 12	ID251/ARN	INDICATOR ASSY, RADIO (GFAE)	1	
	MS3106B20-29S	CONNECTOR, (ALT PN AN3106B20-29S)	1	
	AN3054-12	NUT	1	
	5482839	BRACKET INSTL, ID251 INDICATOR	1	
- 13	MS35206-244	SCREW, (ALT PN AN526-832R7)	1	
- 14	NAS43DD3-8	SPACER	3	
	AN960D8L	WASHER	3	
	MS35337-42	WASHER, (ALT PN AN935-8L)	3	
- 15	MS35206-241	SCREW, (ALT PN AN515-8R4)	12	
	AN960D8L	WASHER	12	
	MS21044D08	NUT, (ALT PN AN365D832A)	4	
	22K3-82	NUT, STANDARD CAP (72962)	8	
- 16	7001H	MOUNT ASSY, (51116)	3	
- 17	5482839-5	BRACKET, ID251 INDICATOR	1	
- 18	5482839-3	FRAME, ID251 INDICATOR	1	
- 19	MS35206-218	SCREW, (ALT PN AN515-4R10)	1	
- 20	2209-6	CAP ASSY, DUST (71468)	1	
- 21	MS35206-215	SCREW, (ALT PN AN515-4R6)	3	
	AN960D4L	WASHER	3	
	MS21044D04	NUT, (ALT PN AN365D440)	3	
- 22	MS3100A18-9S	CONNECTOR, (ALT PN AN3100A18-9S)	1	
	2490093	WASHER, GUARD	1	
	AN3054-10	NUT	1	
	MS3106B24-28S	CONNECTOR, (ALT PN AN3106B24-28S)	2	
	C3519	RELAY ASSY, (71607)	1	
	S17377	CONDENSER ASSY, (56289)	1	
	S17378	CONDENSER ASSY, (56289)	1	
	MS21919DG16	CLAMP, (ALT PN AN742D18C)	4	
	MS21919DG22	CLAMP, (ALT PN AN742D24C)	2	
	MS35045-5	RESISTOR, (ALT PN RC41AE470K)	1	
	5484036-501	RADIO INSTL, UHF (SEE FIG. 153 FOR NHA)	REF	AC
	5484036-1	RADIO INSTL, UHF (SEE FIG. 153 FOR NHA)	REF	J
- 23	RT178/ARC27	RECEIVER AND TRANSMITTER, RADIO (GFAE)	1	J
	MS3108B24-7S	CONNECTOR, (ALT PN AN3108B24-7S)	1	
	MS3108B24-5S	CONNECTOR, (ALT PN AN3108B24-5S)	1	
	MS3057-16	CLAMP, (ALT PN AN3057-16)	2	
- 24	S4391470W162	CABLE ASSY, RADIO COAXIAL	1	
- 25	UG27C/U	CONNECTOR ASSY, (ALT PN UG27C/U)	2	
- 26	C626/ARC27	CONTROL ASSY, RADIO SET (GFAE)	1	J
- 27	3484493	BRACKET ASSY, UHF RADIO CONTROL	1	
	MS3108B24-5P	CONNECTOR, (ALT PN AN3108B24-5P)	1	
	MS3108B24-20P	CONNECTOR, (ALT PN AN3108B24-20P)	1	
	MS3108B24-7S	CONNECTOR, (ALT PN AN3108B24-7S)	1	
	MS3057-16	CLAMP, (ALT PN AN3057-16)	3	
- 28	MT821/ARC27	MOUNT ASSY, (GFAE)	1	J
- 29	MT822/ARC27	MOUNT ASSY, (GFAE)	1	J
- 30	MS35206-245	SCREW, (ALT PN AN526-832R8)	26	J
	MS21044D08	NUT, (ALT PN AN365D832)	26	J
	AN3350-2	RELAY	1	
- 31	AT256/ARC	ANTENNA ASSY, (GFAE)	1	
	AN509-10R12	SCREW	8	
- 32	2484581	GASKET, AT256/ARC ANTENNA	1	
	MS21044D3	NUT, (ALT PN AN365D1032A)	8	
	55J21235	ANTENNA INSTL, RADIO COMPASS SENSE (SEE FIG. 153 FOR NHA) (SEE T.O. 1C-1-533)	REF	
- 33	MS20392-2C11	PIN, (ALT PN AN393-11)	2	
- 34	AN115-16	SHACKLE	2	
- 35	55F21161	ANTENNA ASSY, SENSE	1	
- 36	1118582	CLAMP, PITOT STATIC TUBE ANTENNA	1	
- 37	2139163	CLAMP, ANTENNA MAST	1	
- 38	CU65/ARN6	UNIT ASSY, ANTENNA COUPLING (GFAE)	1	
		FOR EXPLANATION OF CODING SEE FIG. 153		

Figure to be inserted in later change.

Figure 2-159A. VHF Radio Installation (Added per T. O. 1C-1-625)

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
159A.	65AM1010	RADIO INSTL, VHF (SEE T.O. 1C-1-625)	REF	
- 1	97733-100	CONTROL	1	
	PT06A-20-39SY	CONNECTOR	1	
- 2	MS25017-10	CIRCUIT BREAKER	1	
- 3	65AM1006	NAME PLATE, CIRCUIT BREAKER	1	
- 4	97607-101	TRANSCEIVER (TYPE 807A)	1	
- 5	AN526-1032RB	SCREW	16	
	AN960-10	WASHER	16	
	AN365-1032A	NUT	16	
- 6	88245	MOUNT ASSY	1	
- 7	65AM1033	BRACKET	1	
	AN526-1032RB	SCREW	4	
	AN960-10	WASHER	4	
	AN365-1032A	NUT	4	
- 8	37R-2	ANTENNA ASSY	1	
	UG88 ( )/U	CONNECTOR	1	
- 9	AN526-1032R22	SCREW	6	
	AN960-10	WASHER	6	
- 10	544-7092-003	MOUNTING PLATE	1	
- 11	544-7084-003	GASKET, ANTENNA	1	

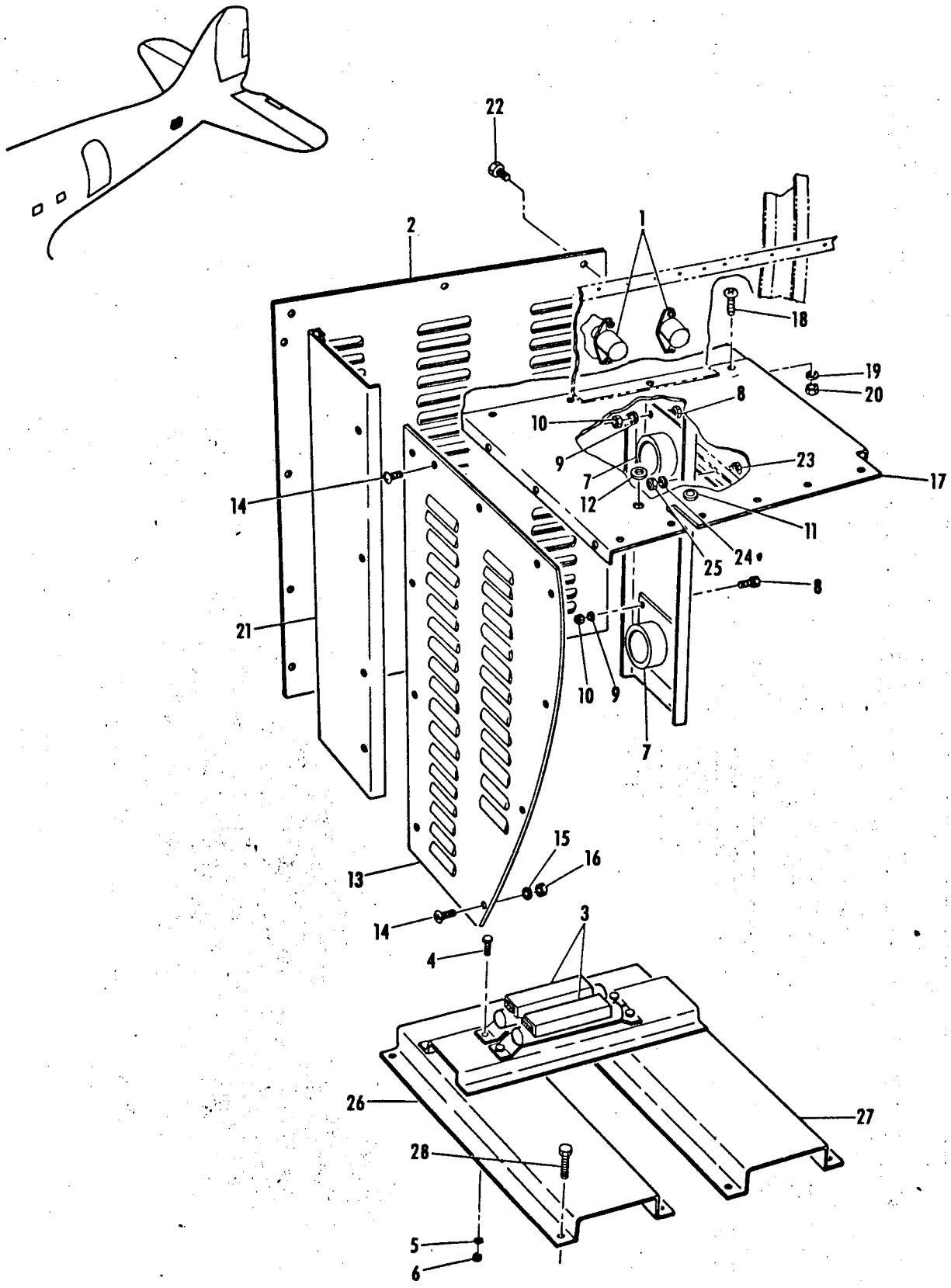

Figure 160. PU-16 Inverter

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
160	55J131154	INVERTER INSTL, PU-16 (SEE FIG. 153 FOR NHA)	REF	
		(SEE T.O. 1C-1-532)		
- 1	PDLM70	BREAKER ASSY, CIRCUIT (82647)	2	
- 2	54D131152	COVER, INVERTER RACK	1	
- 3	AN3514-1	INVERTER ASSY, (USED ON AIRCRAFT NOT HAVING A REMOTE COMPASS SYSTEM) (AIRCRAFT WITH T.O. 1C-1-532 ACCOMPLISHED)	2	
	MG149F	INVERTER ASSY, (USED ON AIRCRAFT HAVING A REMOTE COMPASS SYSTEM) (ALT PN MG149H ON AIRCRAFT WITH T.O. 1C-1-532 NOT ACCOMPLISHED)	2	
	MG149H	INVERTER ASSY, (USED ON AIRCRAFT HAVING A REMOTE COMPASS SYSTEM) (ALT PN MG149F ON AIRCRAFT WITH T.O. 1C-1-532 NOT ACCOMPLISHED)	2	
		(ATTACHING PARTS)		
- 4	AN4-5A	BOLT	12	
- 5	AN960-428	WASHER	12	
- 6	MS21044N4	NUT, (ALT PN AN365-428)	12	
- 7	54C131111	DUCT ASSY, INVERTER	2	
		(ATTACHING PARTS)		
- 8	AN3-4A	BOLT	8	
- 9	AN960-10	WASHER	8	
- 10	MS21044N3	NUT, (ALT PN AN365-1032)	8	
- 11	295134-8B	GROMMET, (76530)	1	
- 12	295202-12B	GROMMET, (76530)	1	
- 13	54D131151	PANEL, SIDE	1	
		(ATTACHING PARTS)		
- 14	MS35207-262	SCREW, (ALT PN AN526-1032-7)	11	
- 15	AN960-10	WASHER	7	
- 16	MS21044N3	NUT, (ALT PN AN365-1032)	7	
- 17	54C131150	PANEL, TOP	1	
		(ATTACHING PARTS)		
- 18	MS35207-262	SCREW, (ALT PN AN526-1032-7)	10	
	6980	NUT, LOCK-SKRU (17875)	6	
- 19	AN960-10	WASHER	4	
- 20	MS21044N3	NUT, (ALT PN AN365-1032)	4	
- 21	54J131115	RACK ASSY, INVERTER	1	
		(ATTACHING PARTS)		
- 22	AN3-4A	BOLT	8	
- 23	AN3-5A	BOLT	4	
- 24	AN960-10	WASHER	4	
- 25	MS21044N3	NUT, (ALT PN AN365-1032)	4	
- 26	54C131114	BRACKET, INVERTER RACK	1	
- 27	54C131113	BRACKET, INVERTER RACK	1	
		(ATTACHING PARTS)		
- 28	AN3-15A	BOLT	8	

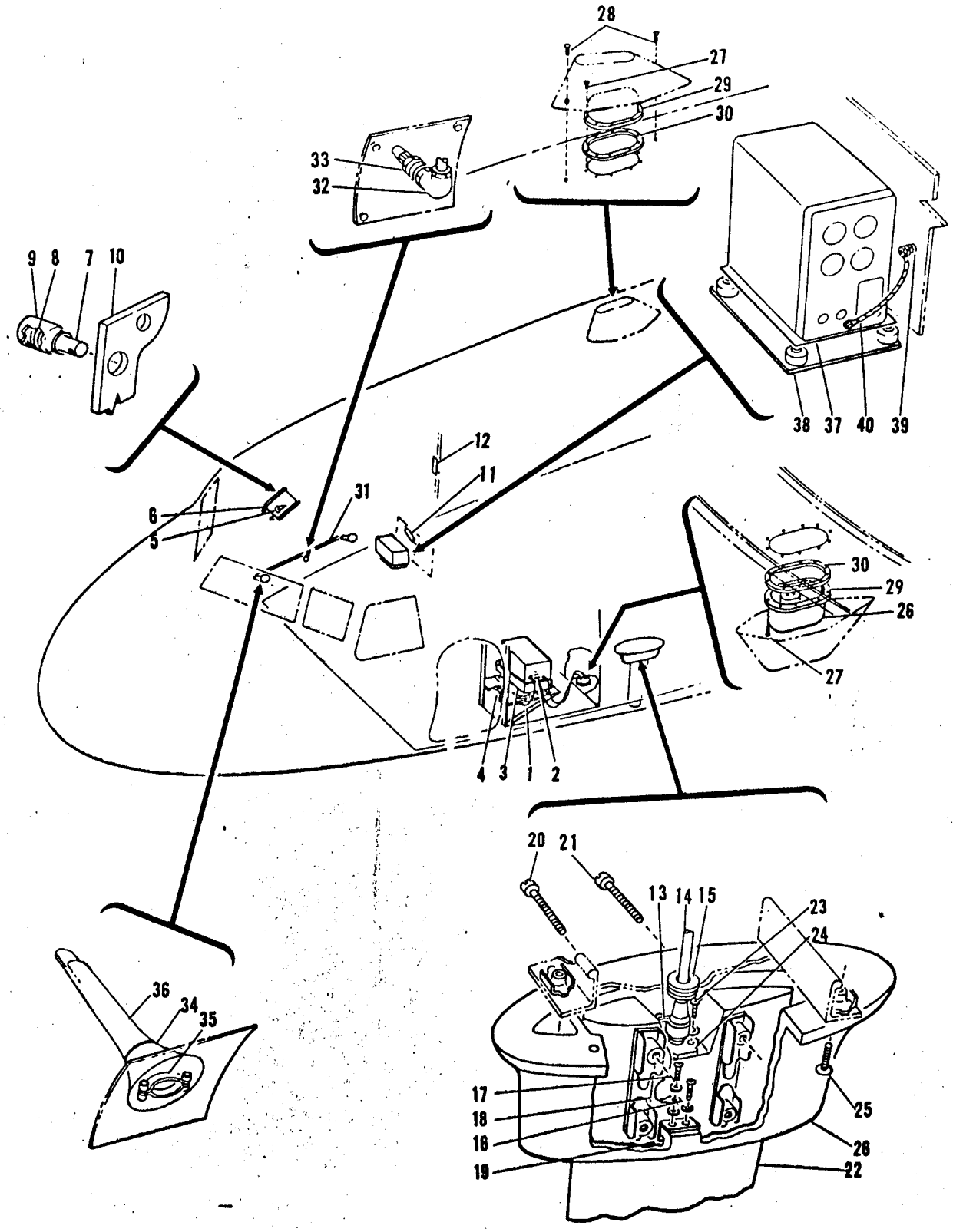

Figure 161. Radio Compass and Marker Beacon

V4-302

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
161		RADIO COMPASS AND MARKER BEACON		
	5483540	COMPASS INSTL, RADIO (SEE FIG. 153 FOR NHA)	REF	AC,H
	5483540-501	COMPASS INSTL, RADIO (SEE FIG. 153 FOR NHA)	REF	D
- 1	MS124-12-1/2	SHAFT, TUNING (SEE T.O. 1C-1-533)	1	
- 2	R101/ARN6	UNIT ASSY, RADIO COMPASS (GFAE) (SEE T.O. 1C-1-533)	1	
- 3	MT273/ARN6	MOUNT ASSY, RADIO COMPASS (SEE T.O. 1C-1-533)	1	
- 4	MC203	COUPLER (SEE T.O. 1C-1-533)	1	
- 5	3409448-1580	SHAFT ASSY, FLEXIBLE (TYPE MC-124)	1	
- 6	C411A/A	PANEL ASSY, CONTROL	1	
	MS35045-192	RESISTOR, (ALT PN RC41AE120K)	1	
	4406026-1	ADAPTER ASSY, CONTROL PANEL	6	
- 7	PF3-1/2-38	STUD, (72794)	2	
- 8	PS3-1/2	SPRING, (72794)	2	
- 9	PC3-1/2	CUP, (72794)	2	
- 10	4406026-3	ADAPTER, CONTROL PANEL	2	
- 11	AC57763-1	DEHYDRATOR ASSY	1	
- 12	SW172	RELAY ASSY, (35344)	1	
- 13	AN742D11	CLAMP	1	
- 14	7016	CABLE ASSY, SENSE (92199)	1	
	5497982	ANTENNA INSTL, BLADE SENSE	1	
- 15	MS35489-81	GROMMET, (ALT PN AN931B16-22)	1	
- 16	MS35206-228	SCREW, (ALT PN AN515-632R6)	1	
- 17	MS35206-230	SCREW, (ALT PN AN515-632R8)	1	
	AN960D6L	WASHER	1	
	MS35337-41	WASHER, (ALT PN AN935-6L)	2	
- 18	MS25083-1BB3	JUMPER ASSY, (ALT PN AN749-3-3)	1	
- 19	5497982-17	ARRESTER, LIGHTNING	1	
- 20	AN502-416-24	SCREW	1	
- 21	AN502-416-22	SCREW	2	
- 22	5494529	ANTENNA ASSY, BLADE SENSE	2	
- 23	MS35206-217	SCREW, (ALT PN AN515-4R8)	1	
	MS35335-29	WASHER, (ALT PN AN936B4)	2	
- 24	5494529-9	RECEPTACLE, ANTENNA (MAKE FROM 83-1R)	2	
- 25	MS27039-18	SCREW, (ALT PN NAS230-15)	2	
- 26	3499990	MOUNT, SENSE ANTENNA CASTING	1	
	5139773	ANTENNA INSTL, LOOP (SEE T.O. 1C-1-533)	4	
- 27	MS35207-264	SCREW, (ALT PN AN520-10R10) (SEE T.O. 1C-1-533)	1	
- 28	MS35207-263	SCREW, (ALT PN AN520-10R8) (SEE T.O. 1C-1-533)	1	
- 29	AS313A/ARN6	ANTENNA ASSY, RADIO COMPASS LOOP (GFAE) (SEE T.O. 1C-1-533)	20	
- 30	NO NUMBER	GASKET, MOUNTING RUBBER (SEE T.O. 1C-1-533)	2	
	3483687-501	RADIO INSTL, MARKER BEACON (SEE FIG. 153 FOR NHA)	2	
	3483687	RADIO INSTL, MARKER BEACON (SEE FIG. 153 FOR NHA)	REF	AB
	5185350	ANTENNA INSTL, MARKER BEACON	REF	CF
- 31	4497452	ANTENNA ASSY, MARKER BEACON	1	
	MS20392-2C6	PIN, (ALT PN AN393-6)	1	
- 32	TM201	TERMINAL ASSY, (GFAE)	2	
- 33	M275	NUT, LEAD-IN (GFAE)	1	
	MS35206-245	SCREW, (ALT PN AN526-832-8)	1	
- 34	4185346	FAIRING ASSY, MARKER BEACON ANTENNA MAST	8	
	MS35207-265	SCREW, (ALT PN AN520-10R12)	2	
- 35	2117302	SOCKET ASSY, ANTENNA MAST	8	
	AN520-10R22	SCREW	4	
- 36	2185347	MAST ASSY, MARKER BEACON ANTENNA	4	
- 37	BC1333	RECEIVER ASSY, MARKER BEACON (GFAE)	2	
- 38	FT161	MOUNT ASSY, (GFAE)	1	
	PL108	PLUG ASSY, (GFAE)	1	
	MS3108-12S3P	CONNECTOR, (ALT PN AN3108-12S3P)	1	
	MS3057-4	CLAMP, (ALT PN AN3057-4)	1	
- 39	S1093732-2	STUD ASSY, GROUND	1	
- 40	MS25083-1BB6	JUMPER ASSY, (ALT PN AN749-3-6)	1	
		FOR EXPLANATION OF CODING SEE FIG. 153		

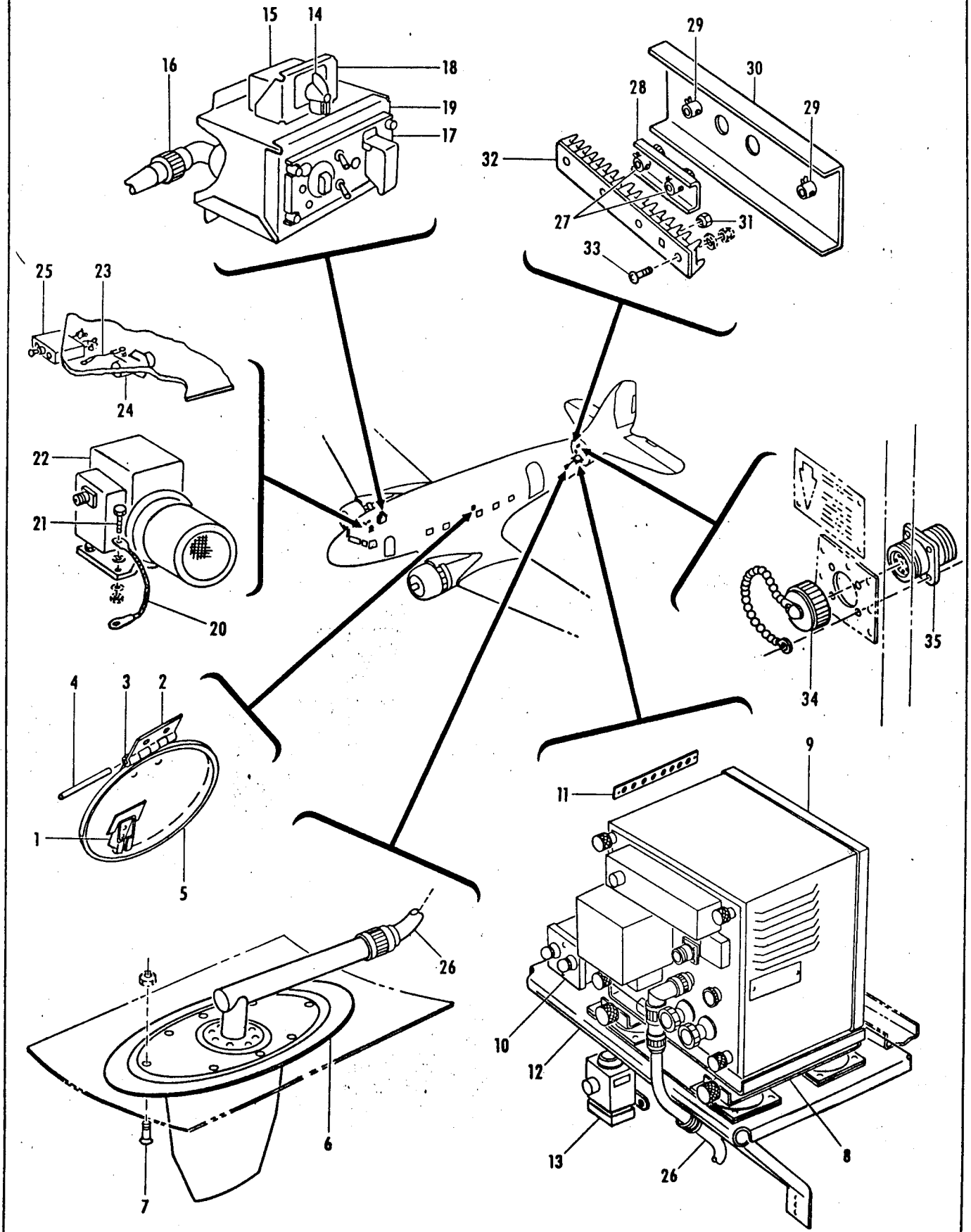

Figure 162. Alcohol Tank Filler Cover, Anti-Icing, and IFF Radio

V4-223

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
162		ALCOHOL TANK FILLER COVER, ANTI-ICING AND IFF RADIO		
	4485111	COVER INSTL, ALCOHOL TANK FILLER (SEE FIG. 153 FOR NHA)	REF	C,F
	4485142	COVER ASSY, ALCOHOL TANK FILLER	1	C,F
- 1	H5000-040-064	LATCH, (83014)	1	C,F
- 2	4485142-5	HINGE, COVER HALF (MAKE FROM 121874AS304)	1	C,F
- 3	4485142-7	HINGE, COVER HALF (MAKE FROM 121874AS304)	1	C,F
- 4	4485142-9	PIN, HINGE (MAKE FROM NAS41-2-3000)	1	C,F
- 5	4485142-3	COVER, ALCOHOL TANK FILLER	1	C,F
	5484319	ANTI-ICING INSTL, ALCOHOL (SEE FIG. 153 FOR NHA)	REF	C,F
	5188335	SYSTEM INSTL, FUSELAGE WINDSHIELD AND CARBURETOR LIQUID DEICER (IDENTICAL TO FIG. 141 EXCEPT AS NOTED BELOW)	REF	C,F
		MINUS THE FOLLOWING PARTS		
	5188680-3	LINE ASSY, DEICER CROSS TO LH VALVE	1	C,F
	4188769	LINE ASSY, WINDSHIELD DEICER	1	C,F
	4188769			
		PLUS THE FOLLOWING PARTS		
	5484319-3	PIPE ASSY, ALCOHOL ANTI-ICING SYSTEM	1	C,F
	5137181	WIPER INSTL, WINDSHIELD (SEE FIG. 140 FOR DETAILS)	1	C,F
	5188574	SYSTEM INSTL, CENTER WING WINDSHIELD AND CARBURETOR LIQUID DEICER (SEE FIG. 132 AND 135 FOR DETAILS EXCEPT AS NOTED)	1	C,F
		MINUS THE FOLLOWING PART		
	5139642	SYSTEM INSTL, CENTER WING CARBURETOR DEICER	1	C,F
	5139642			
	3488844-1	RADIO INSTL, IFF (SEE FIG. 153 FOR NHA)	REF	A,D
	3488844-501	RADIO INSTL, IFF (SEE FIG. 153 FOR NHA)	REF	BC,H
	MS3108-8S1P	CONNECTOR, (ALT PN AN3108-8S1P)	1	
	MS3108-18-1P	CONNECTOR, (ALT PN AN3108-18-1P)	1	
	MS3108-14S5S	CONNECTOR, (ALT PN AN3108-14S5S)	1	
	MS3057-3	CLAMP, (ALT PN AN3057-3)	1	
	MS3057-6	CLAMP, (ALT PN AN3057-6)	1	
	MS3057-10	CLAMP, (ALT PN AN3057-10)	1	
	C407047	RECEIVER AND ANTENNA INSTL, AN/APX6 (03543)	1	
	C507043	ANTENNA INSTL, AS133/APX (03543)	1	
- 6	AS133/APX	ANTENNA, (GFAE)	1	
- 7	MS35190-256	SCREW, (ALT PN AN505-8R14)	8	
	MS21044N08	NUT, (ALT PN AN365-832)	8	
	C507048	PLATFORM INSTL, RT82/APX6 (03543)	1	
- 8	MT362A/A	MOUNT ASSY, (GFAE) (SEE T.O. 1C-1-520)	1	
- 9	RT82/APX6	RECEIVER-TRANSMITTER ASSY, (GFAE) (SEE T.O. 1C-1-520)	1	
- 10	BC727	LIGHT ASSY, INDICATOR (S4782974)	1	
- 11	NAS191-8	PANEL ASSY, ELECTRICAL (SEE T.O. 1C-1-520)	1	
- 12	C401038	PLATFORM ASSY, STA 590 AFT (03543)	1	
- 13	SA3A	BOX ASSY, SWITCH (GFAE)	1	
- 14	AN3220-3	KNOB ASSY, POINTER (SEE T.O. 1C-1-520)	1	
- 15	RP112FE501KK	RHEOSTAT ASSY, (GFAE) (SEE T.O. 1C-1-520)	1	
- 16	MS3106B20-27S	CONNECTOR, (ALT PN AN3106B20-27S)	1	
	MS3057-12	CLAMP, (ALT PN AN3057-12)	1	
- 17	C629/APX6	CONTROL ASSY, RADAR SET	1	
- 18	C401023-3	BRACKET, RHEOSTAT (03543) (SEE T.O. 1C-1-520)	1	
- 19	C401020	BRACKET, CONTROL BOX (03543) (SEE T.O. 1C-1-520)	1	
- 20	AN752-1-7	JUMPER, (SEE T.O. 1C-1-520)	1	
- 21	AN3-11A	BOLT, (SEE T.O. 1C-1-520)	4	
	AN960-3	WASHER, (SEE T.O. 1C-1-520)	4	
	AN960-10L	WASHER, (SEE T.O. 1C-1-520)	2	
	MG149G	INVERTER ASSY, (GFAE) (ALT PN MG149H OR 5D21NJ3A) (SEE T.O. 1C-1-520)	* 1	
	5D21NJ3A	INVERTER ASSY, (GFAE) (SEE T.O. 1C-1-520)	1	
- 22	MG149H	INVERTER ASSY, (GFAE) (SEE T.O. 1C-1-520)	1	
- 23	MS25083-1BB4	JUMPER ASSY, (ALT PN AN749-3-4) (SEE T.O. 1C-1-520)	1	
- 24	AN3350-1	RELAY ASSY, (SEE T.O. 1C-1-520)	1	
- 25	49B6768-5	BREAKER ASSY, (GFAE) (SEE T.O. 1C-1-520)	1	
	2140228	ANGLE, AFT RADIO SHELF SUPPORT	1	
	2140229	ANGLE, AFT RADIO SHELF VERTICAL SUPPORT	1	
- 26	S4391470Y125	CABLE ASSY, RADIO COAXIAL	1	
	4484335	STRIP INSTL, TAIL SECTION TERMINAL	1	
	2491020	COVER ASSY, IFF DESTRUCTOR TERMINAL	1	
- 27	S2365458-504	NUT ASSY, TERMINAL STRIP COVER ATTACH	2	
- 28	2491020-3	COVER, IFF DESTRUCTOR TERMINAL	1	
	4484381	COVER ASSY, TERMINAL STRIP	1	
- 29	S2365458-504	NUT ASSY, TERMINAL STRIP COVER ATTACH	2	
- 30	4484381-3	COVER, TERMINAL STRIP	1	
- 31	MS20341-6A	NUT, (ALT PN AN341-6)	16	
	MS35333-105	WASHER, (ALT PN AN936A6B)	16	
- 32	MS27212-1-16	TERMINAL BOARD ASSY, (ALT PN AN3436-2-16)	1	
- 33	MS35206-217	SCREW, (ALT PN AN515-4R8)	4	
	MS21044D04	NUT, (ALT PN AN365D440A)	4	
	4488851	RECEPTACLE INSTL, RADIO MODERNIZATION IFF TEST	1	
- 34	2209-6	CAP ASSY, DUST (71468)	1	
	MS3057-10	CLAMP, (ALT PN AN3057-10)	1	
- 35	MS3100A18-9S	RECEPTACLE, (ALT PN AN3100A18-9S)	1	
		FOR EXPLANATION OF CODING SEE FIG. 153		

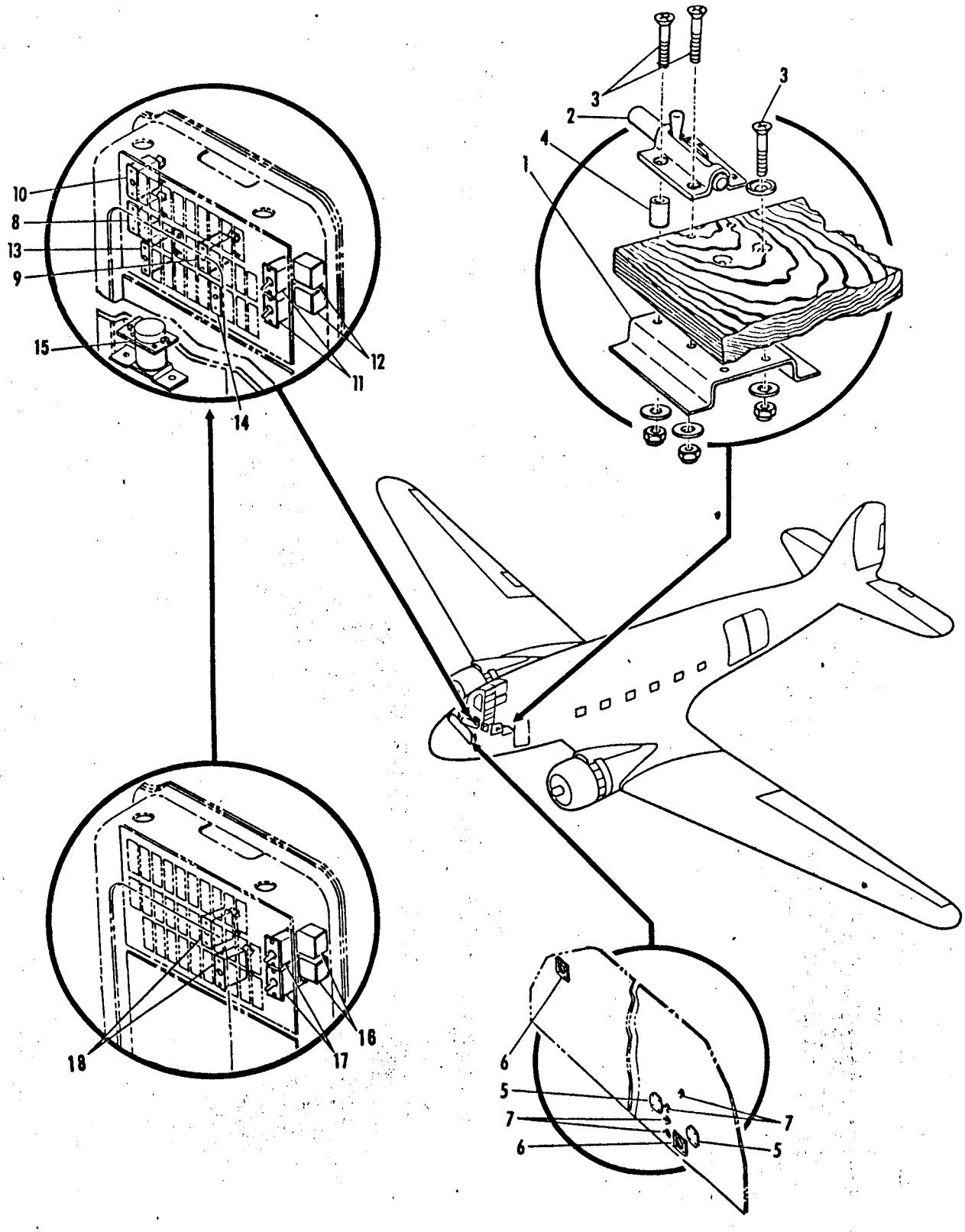

Figure 163. Radio and Electronic Rework Details

V4-303

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
163		RADIO AND ELECTRONIC REWORK DETAILS		
	3484814	TABLE ASSY, NAVIGATOR (REWORKS 5141263, FIG. 197 PER T.O. 1C-1-38, 1C-47-38 AND 1C-47-503) (SEE FIG. 153 FOR NHA)	REF	C
		PLUS THE FOLLOWING PARTS		
- 1	3484814-3	SUPPORT, NAVIGATOR TABLE	2	C
- 2	2T7421	BOLT ASSY, (78988)	2	C
- 3	AN507-632R14	SCREW	12	C
	MS21044D06	NUT, (ALT PN AN365D632A)	12	C
- 4	NAS43DD1-32	SPACER	4	C
	5484502	PANEL INSTL, INSTRUMENT (REWORKS 5188645, FIG. 150 AND 151 PER T.O. 1C-1-38, 1C-47-38 AND 1C-47-503) (SEE FIG. 153 FOR NHA)	REF	
		PLUS THE FOLLOWING PARTS		
- 5	2484362	PLATE, INSTRUMENT MOUNTING	2	
- 6	S107926-2	COVER, INSTRUMENT PANEL CUTOUT	2	
- 7	50809	BUTTON, PLUG (61864)	4	
		MINUS THE FOLLOWING PARTS		
	1101	INDICATOR ASSY, (GFAE)	1	
	181	INDICATOR ASSY, RADIO COMPASS (GFAE)	1	
	2115892	BRACKET, INSTRUMENT PANEL UPPER MOUNTING FRAME	1	
	2116070	BRACKET, INSTRUMENT PANEL SHOCK MOUNTING	1	
	3982823-4	LAMP ASSY, SINGLE CONTACT SIGNAL	1	
	5484718	BOX ASSY, MAIN JUNCTION (REWORKS 5141252, FIG. 277 AND 278 PER T.O. 1C-1-38, 1C-47-38 AND 1C-47-503) (SEE FIG. 153 FOR NHA)	REF	AC,F
		PLUS THE FOLLOWING PARTS		
- 8	AN3160-10	BREAKER ASSY	1	AC,F
- 9	AN3160-5	BREAKER ASSY	1	AC,F
- 10	AN3160-50	BREAKER ASSY	1	AC,F
- 11	AN3226-2	SWITCH ASSY	2	AC,F
- 12	AN3314-1	RELAY ASSY	2	AC,F
- 13	9301-70B70A	BREAKER ASSY, CIRCUIT (56365)	1	AC,F
- 14	MS25005-50	BREAKER ASSY, (SEE T.O. 1C-1-532)	1	AC,F
- 15	AN3370-2	RELAY ASSY, (SEE T.O. 1C-1-532)	1	AC,F
		MINUS THE FOLLOWING PARTS		
	AN3160-15	BREAKER ASSY	1	AC,F
	AN3160-20	BREAKER ASSY	1	AC,F
	AN3160-35	BREAKER ASSY	3	AC,F
	1013-24DE	RELAY ASSY, (35344)	1	AC,F
	8701	SWITCH ASSY, (15605)	1	AC,F
	3484894	BOX ASSY, MAIN JUNCTION (REWORKS 5141252, FIG. 277 AND 278 ALSO 5188273, FIG. 278 PER T.O. 1C-1-38, 1C-47-38 AND 1C-47-503) (SEE FIG. 153 FOR NHA)	REF	DE
		PLUS THE FOLLOWING PARTS		
- 16	AN3314-1	RELAY ASSY	2	DE
- 17	AN3226-2	SWITCH ASSY	2	DE
- 18	AN3160-5	BREAKER ASSY	2	DE
	AN3160-10	BREAKER ASSY	1	DE
	AN3160-50	BREAKER ASSY	1	DE
	9301-70B	BREAKER ASSY	1	DE
		MINUS THE FOLLOWING PART		
	8701	SWITCH ASSY, (15605)	1	DE
		FOR EXPLANATION OF CODING SEE FIG. 153		

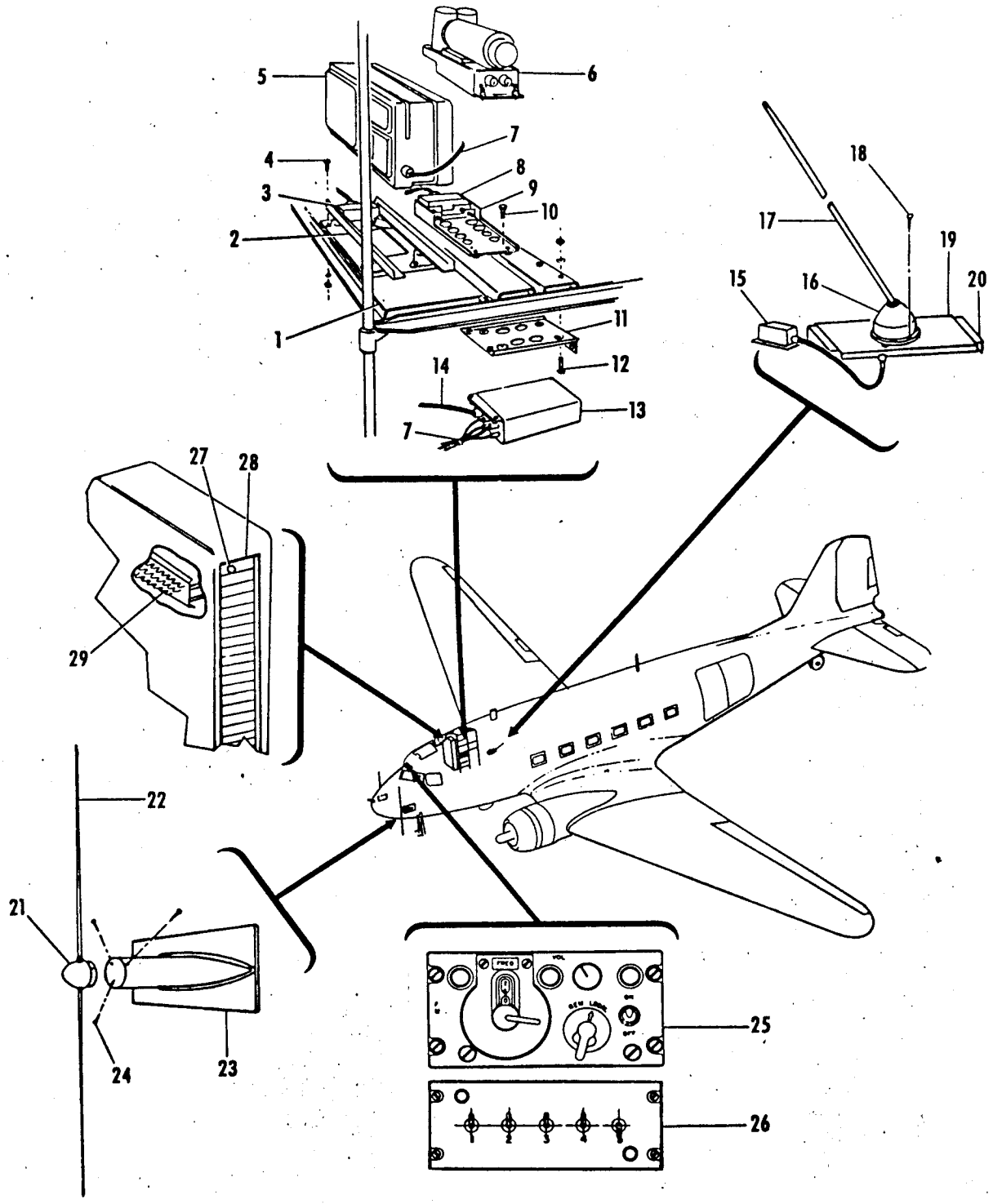

Figure 163A. FM Command (AN/ARC-44) and Homing (AN/ARA-31) Radio

V4-311

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
163A	65AM1053	RADIO INSTL, (AN/ARC-44) FM COMMAND AND (AN/ARA-31) HOMING (23942) (SEE T.O. 1C-47-529)	1	
- 1	65AM1036	MOUNT, (23942)	1	
		(ATTACHING PARTS)		
	MS35207-263	SCREW, (ALT PN AN526-1032-8)	4	
	AN960-10	WASHER	4	
	MS21044N3	NUT, (ALT PN MS20365-1032A)	4	
- 2	MT1268/AR	MOUNT, (94033)	1	
- 3	65AM1026	HARNESS ASSY, (23942)	1	
		(ATTACHING PARTS)		
- 4	MS35207-263	SCREW, (ALT PN AN526-1032-8)	8	
	AN960-10	WASHER	8	
	MS21044N3	NUT, (ALT PN MS20365-1032A)	8	
- 5	RT294/ARC44	RECEIVER-TRANSMITTER (94033)	1	
- 6	DY107/AR	DYNAMOTOR, (94033)	1	
- 7	65AM1032	CABLE ASSY, COAXIAL (23942)	1	
- 8	65AM1027	HARNESS ASSY, (23942)	1	
- 9	MT1267/AR	MOUNT, (94033)	1	
		(ATTACHING PARTS)		
- 10	MS35207-263	SCREW, (ALT PN AN526-1032-8)	4	
	AN960-10	WASHER	4	
	MS21044N3	NUT, (ALT PN MS20365-1032A)	4	
- 11	MT1620/AR	MOUNT, (94033)	1	
		(ATTACHING PARTS)		
- 12	AN526-632-18	SCREW	2	
	NAS43DD1-40	BUSHING	2	
	MS35206-230	SCREW, (ALT PN AN526-632-8)	2	
	AN960-6	WASHER	4	
	MS21044N06	NUT, (ALT PN MS20365-632A)	4	
- 13	KY149/AR	KEYER, (94033)	1	
- 14	65AM1028	HARNESS ASSY, (23942)	1	
	AT454( )/ARC	ANTENNA ASSY, (94033)	1	
- 15	CU361( )/ARC	COUPLER, ANTENNA (94033)	REF	
		(ATTACHING PARTS)		
	MS35206-230	SCREW, (ALT PN AN526-632-8)	4	
	AN960-6	WASHER	4	
	MS21044N06	NUT, (ALT PN MS20365-632A)	4	
- 16	AB340( )/ARC	BASE, ANTENNA (94033)	REF	
- 17	AT455( )/ARC	ANTENNA, ELEMENT (94033)	REF	
		(ATTACHING PARTS)		
- 18	AN507C1032R16	SCREW	6	
- 19	62D43997	DOUBLER, (98752)	1	
- 20	62C43998	ANGLE, (98752)	2	
- 21	CU459/AR	NETWORK, IMPEDANCE MATCHING (94033)	2	
- 22	AT624( )/AR	ANTENNA, ELEMENT (94033)	4	
- 23	62F44019	BRACKET ASSY, (98752)	2	
- 24	MS35206-245	SCREW, (ALT PN AN526-832R8)	6	
- 25	SB327/ARC44	BOX ASSY, FM CONTROL (94033)	1	
	65AM1029	HARNESS ASSY, (23942)	1	
- 26	SA474/AR	SWITCH ASSY, (94033)	1	
	65AM1030	HARNESS ASSY, (23942)	1	
- 27	MS25017-10	BREAKER ASSY	1	
- 28	65AM1043-9	NAMEPLATE, ARC-44 10A (23942)	1	
- 29	65AM1064	STRIP, DUAL TERMINAL (23942)	1*	
		(ATTACHING PARTS)		
	NAS43DD1-160	SPACER	4	
	AN515-6R52	SCREW	4	
	AN960-6	WASHER	4	
	MS21044N06	NUT, (ALT PN MS20365-632A)	4	
	MS25226-2-2	BUS	1	

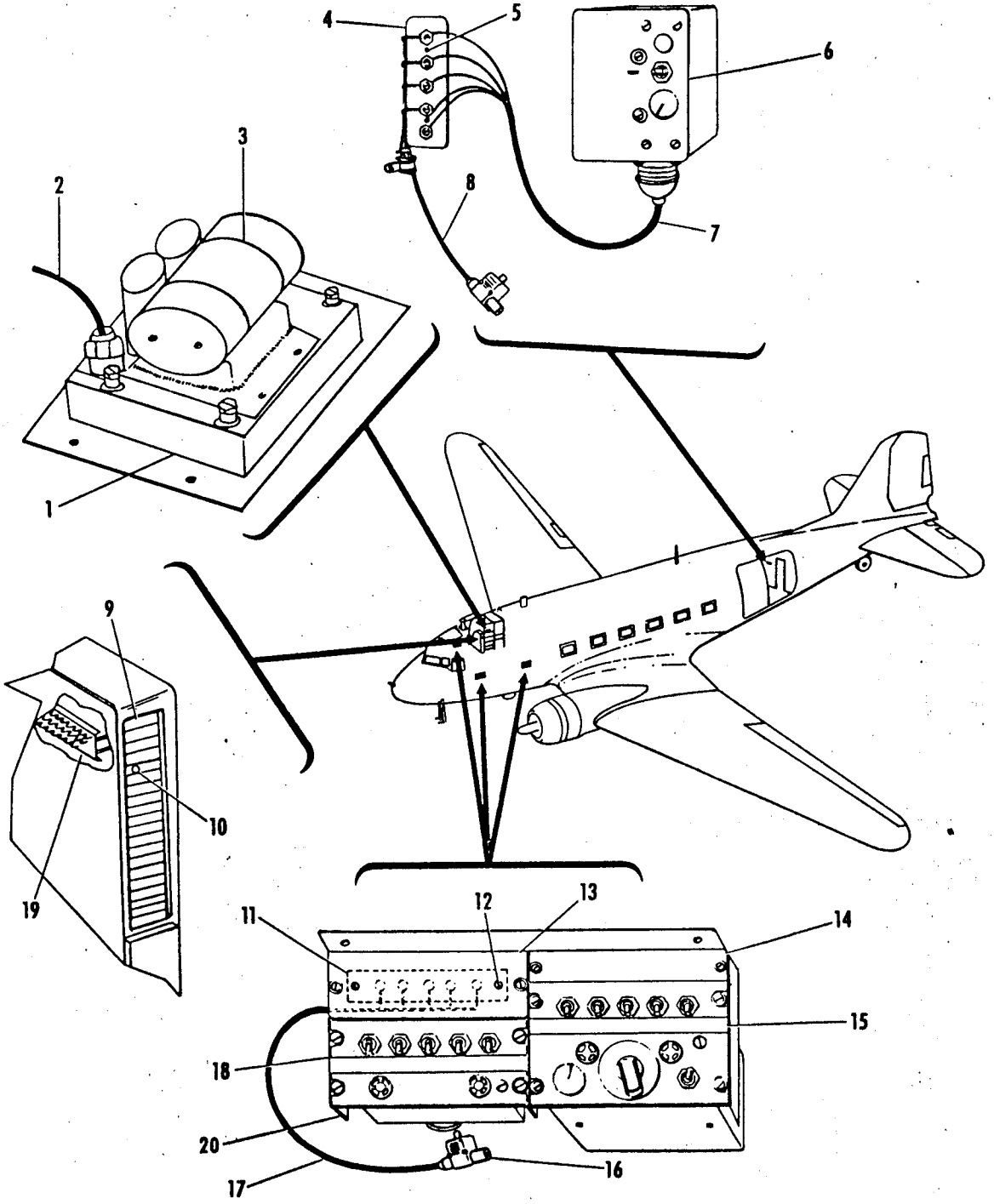

Figure 163B. Intercommunication System Radio, AN/AIC-10 V4-312

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
1638	65AM1055	RADIO INSTL, INTERCOMMUNICATION SYSTEM, AN/A1C-10	1	
		(SEE T.O. 1C-47-529)		
- 1	65AM1044	MOUNTING PLATE, (23942)	1	
		(ATTACHING PARTS)		
	MS35207-263	SCREW, (ALT PN AN526-1032-8)	4	
	AN960-10	WASHER	4	
	MS21044N3	NUT, (ALT PN MS20365-1032A)	4	
- 2	65AM1081	HARNESS ASSY, (23942)	4	
- 3	DY77/A1C10	DYNAMOTOR	1	
	MT1060/U	MOUNT	1	
		(ATTACHING PARTS)		
	MS35207-263	SCREW, (ALT PN AN526-1032-8)	4	
	AN960-10	WASHER	4	
	MS21044N3	NUT, (ALT PN MS20365-1032A)	4	
- 4	65AM1056	BLOCK ASSY, (P/O 65AM1080) (23942)	REF	
	65AM1038	COVER ASSY, (23942)	1	
		(ATTACHING PARTS)		
- 5	MS35206-215	SCREW, (ALT PN AN515-440R6)	2	
	AN960-4	WASHER	2	
	MS21044N04	NUT, (ALT PN MS20365-440A)	2	
- 6	C823/A1C10	BOX ASSY, INTERPHONE CONTROL (GFAE)	1	
- 7	65AM1080	HARNESS ASSY, (23942)	1	
		(ATTACHING PARTS)		
	MS35206-245	SCREW, (ALT PN AN526-832-8)	4	
	AN960-8	WASHER	4	
	MS21044N08	NUT, (ALT PN MS20365-832A)	4	
- 8	WM85/U	CORDAGE, 20 FT. LONG (GFAE)	1	
	U94A/U	JACK ASSY	1	
- 9	65AM1043-3	NAMEPLATE, A1C-10 10A	1	
- 10	MS25017-10	BREAKER ASSY	1	
		(ATTACHING PARTS)		
	MS35206-230	SCREW, (ALT PN AN515-6-8)	2	
- 11	65AM1056	BLOCK ASSY, (P/O 65AM1077, 65AM1078 AND 65AM1079) (23942)	REF	
		(ATTACHING PARTS)		
- 12	AN507B440R6	SCREW	REF	
	AN960-4	WASHER	REF	
	MS21044N04	NUT, (ALT PN MS20365-440A)	REF	
- 13	62B44621	PLATE ASSY, COVER (P/O 65AM1077, 65AM1078 AND 65AM1079) (98752)	REF	
- 14	62B44620	PLATE ASSY, COVER (98752)	3	
- 15	C824/A1C10	BOX ASSY, INTERPHONE CONTROL (GFAE)	3	
	A8839318-1	SKIRT, (P/O C824/A1C10)	REF	
	A8843664-3	STRIP, (I/W ANDREA PN C188)	REF	
	C191	SCREW	REF	
	65AM1077	HARNESS ASSY, PILOT	1	
	65AM1078	HARNESS ASSY, CO-PILOT	1	
	65AM1079	HARNESS ASSY, NAVIGATOR	1	
- 16	U94A/U	JACK ASSY, (P/O 65AM1077, 65AM1078 AND 65AM1079) (GFAE)	REF	
- 17	WM85/U	CORDAGE, 5 FT. LONG (P/O 65AM1077, 65AM1078 AND 65AM1079) (GFAE)	REF	
- 18	C826/A1C10	BOX ASSY, INTERPHONE CONTROL (GFAE)	3	
	A8843664-3	STRIP, (I/W ANDREA PN C188) (P/O C826/A1C-10)	REF	
	C191	SCREW, (P/O C826/A1C-10)	REF	
- 19	65AM1064	STRIP, DUAL TERMINAL (23942)	1	
		(ATTACHING PARTS)		
	AN515-6R52	SCREW	4	
	NAS43DD1160	SPACER	4	
	AN960-6	WASHER	4	
	MS21044N06	NUT, (ALT PN MS20365-632A)	4	
	MS25226-2-2	BUS	13	
	MS25226-2-4	BUS	1	
	MS25226-2-5	BUS	1	
	65B45677	BUS, (98752)	2	
	RC20BF121K	RESISTOR, (120 OHM 1/2 WATT)	1	
	RC20BF151K	RESISTOR, (150 OHM 1/2 WATT)	9	
	RC20BF391K	RESISTOR, (390 OHM 1/2 WATT)	1	
	RC30AE820J	RESISTOR, (82 OHM 1 WATT)	1	
	RC30AE101J	RESISTOR, (100 OHM 1 WATT)	1	
	65AM1102	WIRING, MISC. SET (9 WIRES PER SET) (23942)	1	
- 20	62D44619	BRACKET, (98752)	3	
	62B44675	ANGLE, (U/O NAVIGATORS POSITION ONLY) (98752)	1	
		(ATTACHING PARTS)		
	AN3-7A	BOLT	4	
	AN960-10	WASHER	4	
	MS21044N3	NUT, (ALT PN MS20365-1032A)	4	

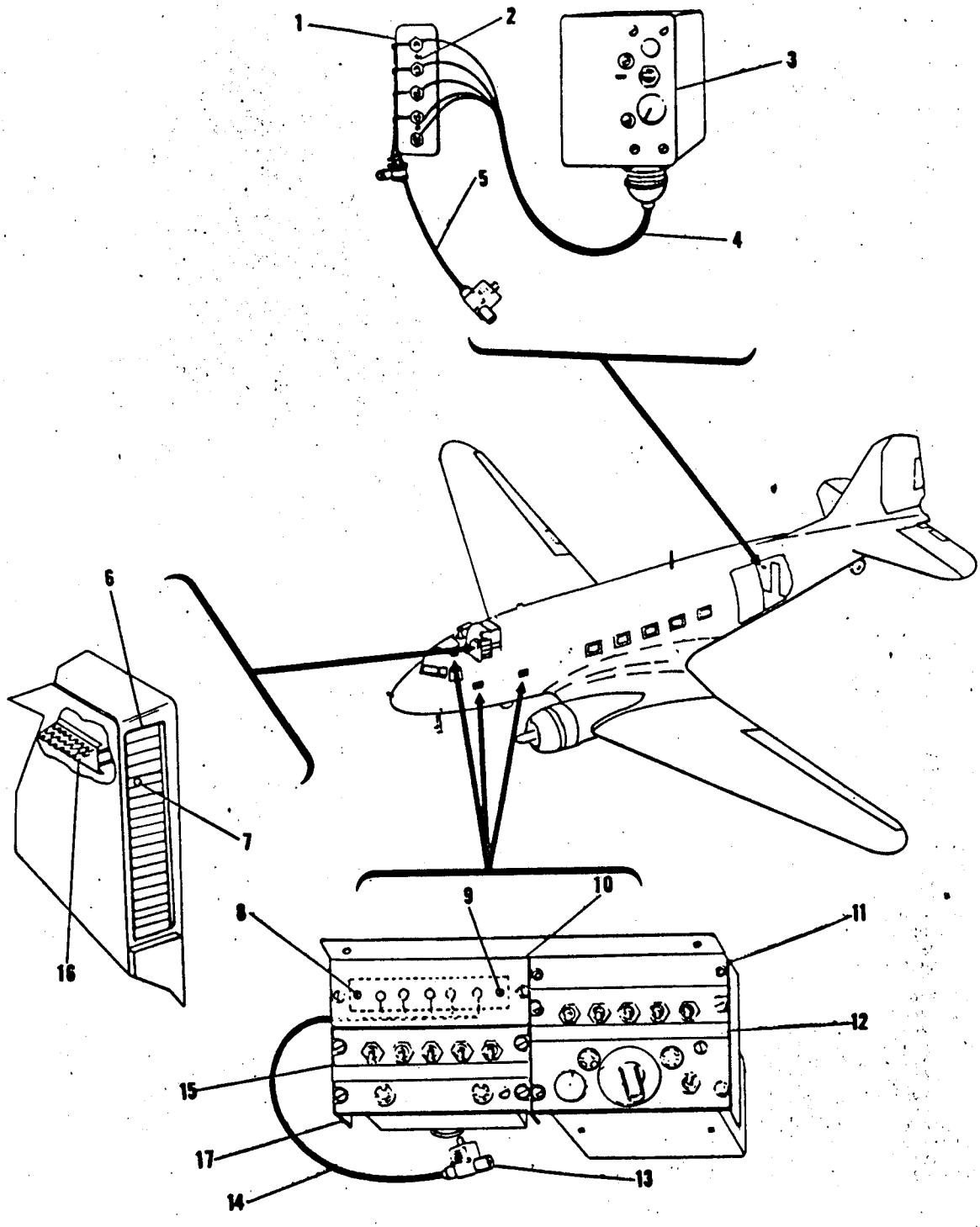

Figure 163B1. Intercommunication System Radio, AN/AIC-10A

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	U/A	USE CODE
163B1		RADIO INSTL, INTERPHONE SYSTEM AN/AIC-10A (SEE T.O. 1C-47D-502)	Ref	A
- 1	MS27212-1-20	BLOCK ASSY (P/O 65AM1015) (23291) (CUT TO FIT)	REF	
		ALTERNATE P/N: MS28123-1-6		
-	65AM1038	. COVER ASSY (23291)	1	
		(ATTACHING PARTS)		
- 2	MS20365-440A	NUT (Alt PN MS35206-215)	2	
	AN960-4	WASHER	2	
	MS3526-215	SCREW (Alt PN AN515-440R6)	2	
- 3	C-823A/AIC-10	BOX ASSY, INTERPHONE CONTROL (GFAE)	1	
- 4	65AM1015	HARNESS ASSY, (23291)	1	
		(ATTACHING PARTS)		
	MS35206-245	SCREW, (Alt PN AN526-832-8)	4	
	AN960-8	WASHER	4	
	MS21044N08	NUT (Alt PN MS20365-832A)	4	
- 5	WM85/U	CORDAGE, 29 Ft. Long (GFAE)	1	
	U94A/U	. JACK ASSY	1	
- 6	65AM1047	NAMEPLATE, AIC-10A (Alt PN 65AM1043-3)	1	
- 7	MS25017-10	BREAKER ASSY	1	
		(ATTACHING PARTS)		
	AN515-6-8	SCREW (Alt PN MS35206-230)	2	
- 8	65AM1056	BLOCK ASSY, (P/O 65AM1012, 65AM1013, 65AM1014) (23942)	Ref	
		(ATTACHING PARTS)		
- 9	AN507B440R6	SCREW	Ref	
	AN960-4	WASHER	Ref	
	MS21044N04	NUT, (Alt PN MS20365-440A)	Ref	
- 10	62B44621	PLATE ASSY, COVER (P/O 65AM1012, 65AM1013, 65AM1014) (98752)	Ref	
- 11	62B44620	PLATE ASSY, COVER (98752)	3	
- 12	C824A/AIC-10	BOX ASSY, INTERPHONE CONTROL (GFAE)	3	
	A8839318-1	. SKIRT, (P/O C824A/AIC-10)	Ref	
	A8843664-3	. STRIP (I/W ANDREA PN C-188)		
	C-191	. SCREW	Ref	
	65AM1012	HARNESS ASSY, PILOT	1	
	65AM1013	. HARNESS ASSY, COPILOT	1	
	65AM1014	. HARNESS ASSY, NAVIGATORS	1	
- 13	U94A/U	JACK ASSY, (P/O 65AM1012, 65AM1013, 65AM1014) (GFAE)	Ref	
- 14	WM85/U	CORDAGE, 5 Ft. Long (P/O 65AM1012, 65AM1013, 65AM1014) (GFAE)	Ref	
- 15	C826/AIC-10	BOX ASSY, INTERPHONE CONTROL (GFAE)	3	
	A8843664-3	. STRIP, (I/W ANDREA PN C-188) (P/O C-826/AIC-10)	Ref	
	C-191	. SCREW (P/O C826/AIC-10)	Ref	
- 16	65AM1064	STRIP, DUAL TERMINAL (23942)	1	
		(ATTACHING PARTS)		
	AN515-6R52	SCREW	4	
	NAS43DD1160	SPACER	4	
	AN960-6	WASHER	4	
	MS20365-632A	NUT, (Alt P/N MS21044N06)	4	
	MS25226-2-2	. BUS	15	
	MS25226-2-4	. BUS	1	
	MS25226-2-5	. BUS	1	
	RC20BF121K	. RESISTOR, (120 Ohm 1/2 Watt) (Alt PN RC20GF121K) (21520)	1	
	RC20BF151K	. RESISTOR, (150 Ohm 1/2 Watt) (Alt PN RC20GF151J) (21520)	8	
	RC20BF391K	. RESISTOR (390 1/2 Watt) (Alt PN RC20GF391J) (21520)	1	
	RC30AE820K	. RESISTOR (82 Ohm 1 Watt) (Alt PN RC20GF820J) (21520)	1	
	RC30AE101J	. RESISTOR, (100 Ohm 1 Watt) (Alt PN RC20GF101J) (21520)	1	
- 17	52D44619-2	BRACKET (98752)	3	
	62B44675	. ANGLE (U/O NAVIGATORS POSITION ONLY) (Alt PN 66PA1436) (98752)	1	
		(ATTACHING PARTS)		
	AN3-7A	BOLT (Alt PN AN528-10R8)	4	
	AN960-10	WASHER	4	
	MS21044N5	NUT (Alt PN MS20365-1032A)		
		A 206, 214, 237, 244, 246, 254, 274, 298, 315, 358, 363, 391, 400, 432, 434, 490, 497, 516, 522 AND 562		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

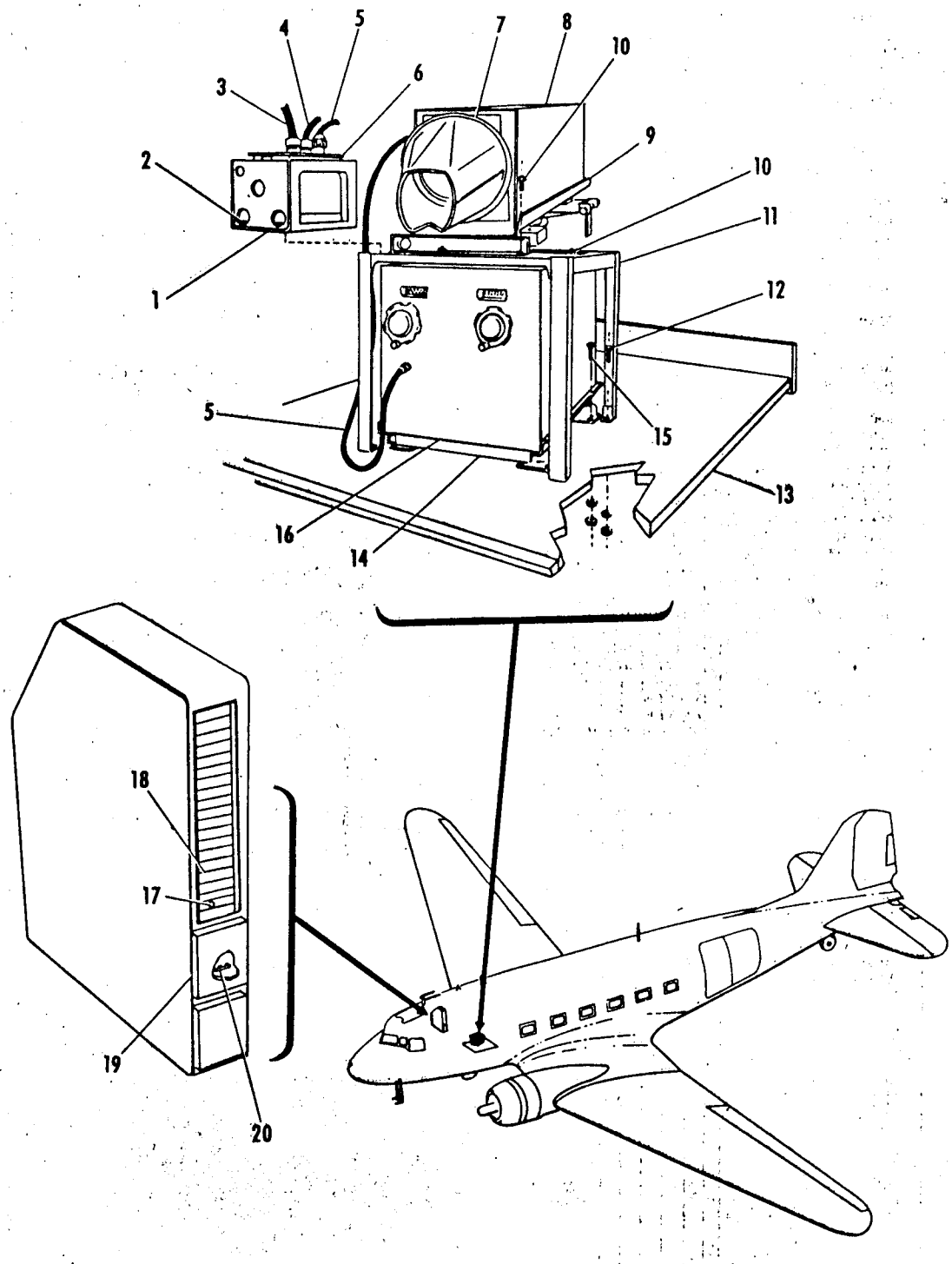

Figure 163C. Loran Radio, AN/APN-70

V4-313

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
163C	65AM1067	RADIO INSTL, AN/APN-70, LORAN (SEE T.O. 1C-47-529) (23942)	1	
- 1	MT1094/U	MOUNT, (GFAE)	1	
		(ATTACHING PARTS)		
- 2	MS35206-245	SCREW, (ALT PN AN515-8-8)	4	
	AN960-8	WASHER	4	
	MS21044N08	NUT, (ALT PN MS20365-832A)	4	
- 3	65B45952	HARNESS ASSY, (98752)	1	
- 4	65AM1060	CABLE ASSY, COAXIAL (23942)	1	
- 5	65B45951	CABLE ASSY, COAXIAL (98752)	1	
- 6	CU308( )/U	COUPLER, ANTENNA (GFAE)	1	
- 7	MX1475/U	VISOR, (GFAE)	1	
- 8	IP58/APN70	INDICATOR, (GFAE)	1	
	65B45730	HARNESS ASSY	1	
- 9	MT811/U	MOUNT, (GFAE)	1	
		(ATTACHING PARTS)	1	
- 10	MS35207-263	SCREW, (ALT PN AN520-10-8)	7	
	AN960-10L	WASHER	7	
	MS21044N3	NUT, (ALT PN MS20365-1032A)	7	
- 11	65C45718	RACK, (98752)	1	
		(ATTACHING PARTS)		
- 12	MS35207-267	SCREW, (ALT PN AN520-10-16)	4	
	MS25083-2BB12	JUMPER ASSY	1	
	AN960-10L	WASHER	4	
	MS21044N3	NUT, (ALT PN MS20365-1032A)	4	
- 13	5141263-2	TABLE, NAVIGATOR (18355)	REF	
- 14	MT810/U	MOUNT, (GFAE)	1	
		(ATTACHING PARTS)		
- 15	MS35207-267	SCREW, (ALT PN AN520-10-16)	16	
	MS25083-2BB5	JUMPER ASSY	1	
	AN960-10L	WASHER	16	
	MS21044N3	NUT, (ALT PN MS20365-1032A)	16	
- 16	R277( )/APN70	RECEIVER, (GFAE)	1	
- 17	MS25017-5	BREAKER ASSY	1	
		(ATTACHING PARTS)		
	MS35206-230	SCREW, (ALT PN AN515-6-8)	2	
- 18	65AM1043-8	NAMEPLATE, APN-70 5A (23942)	1	
- 19	3484392-3	COVER, RADIO FUSE PANEL	REF	
	65AM1076	DECAL	1	
- 20	414005	FUSE, (4AG 5 AMP)	1	

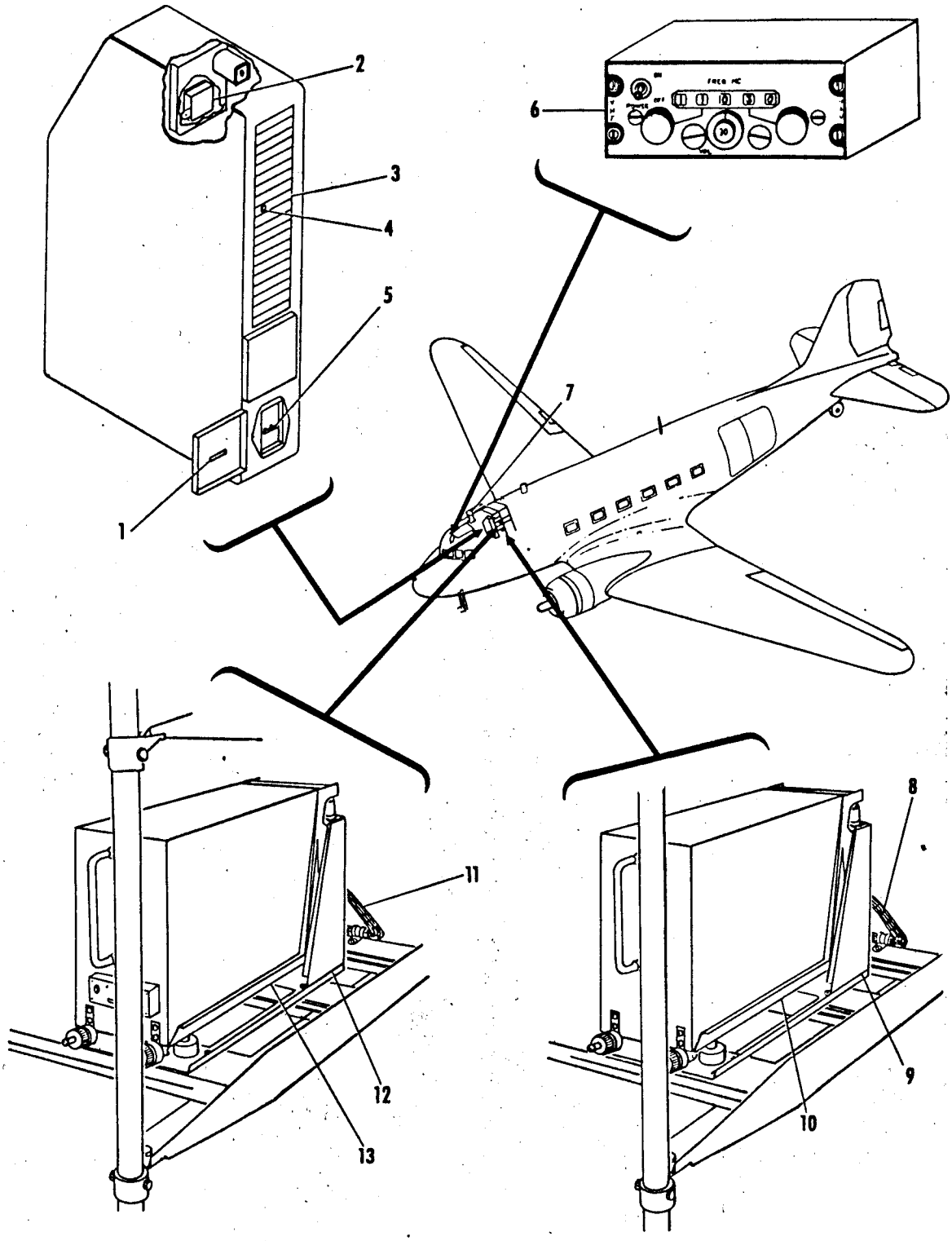

Figure 163D. Radio, VOR-101 V4-314

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
163D	65AM1041	RADIO INSTL, VOR-101 (SEE T.O. 1C-47-529)	1	
- 1	65AM1101	DECAL, AN3311-2 RELAY	1	
- 2	MS24149D1	RELAY, (ALT PN AN3311-2)	1	
	65AM1085	HARNESS ASSY, WIRING	1	
		(ATTACHING PARTS)		
	MS35206-230	SCREW, (ALT PN AN526-632-8)	2	
	AN960-6	WASHER	2	
	MS21044N06	NUT, (ALT PN MS20365-632A)	2	
		-----*-----		
- 3	65AM1043-7	NAMEPLATE, VOR-101 5A	1	
- 4	MS25017-5	CIRCUIT BREAKER ASSY	1	
		(ATTACHING PARTS)		
	MS35206-230	SCREW, (ALT PN AN515-6-8)	2	
		-----*-----		
- 5	414004	FUSE, (4AG-4AMP)	1	
	65AM1075	DECAL, VOR-101 FUSE PANEL	1	
- 6	614U3A	CONTROL	1	
	65AM1084	HARNESS ASSY, WIRING	1	
- 7	AT172/ARN14	ANTENNA ASSY, (EXISTED PRIOR TO MODIFICATION)	REF	
- 8	65AM1083	HARNESS ASSY, WIRING	1	
	65AM1086	MISCELLANEOUS WIRING, (SET)	1	
- 9	349H5	MOUNT, SHOCK	1	
		(ATTACHING PARTS)		
	MS35207-263	SCREW, (ALT PN AN526-1032-8)	6	
	AN960-10	WASHER	6	
	MS21044N3	NUT, (ALT PN MS20365-1032A)	6	
		-----*-----		
- 10	344B1	INSTRUMENTATION UNIT	1	
- 11	65AM1082	HARNESS ASSY, WIRING	1	
	UG536( )/U	CONNECTOR	1	
- 12	349H4	MOUNT, SHOCK	1	
		(ATTACHING PARTS)		
	MS35207-263	SCREW, (ALT PN AN526-1032-8)	6	
	AN960-10	WASHER	6	
	MS21044N3	NUT, (ALT PN MS20365-1032A)	6	
		-----*-----		
- 13	51X2B	RECEIVER	1	

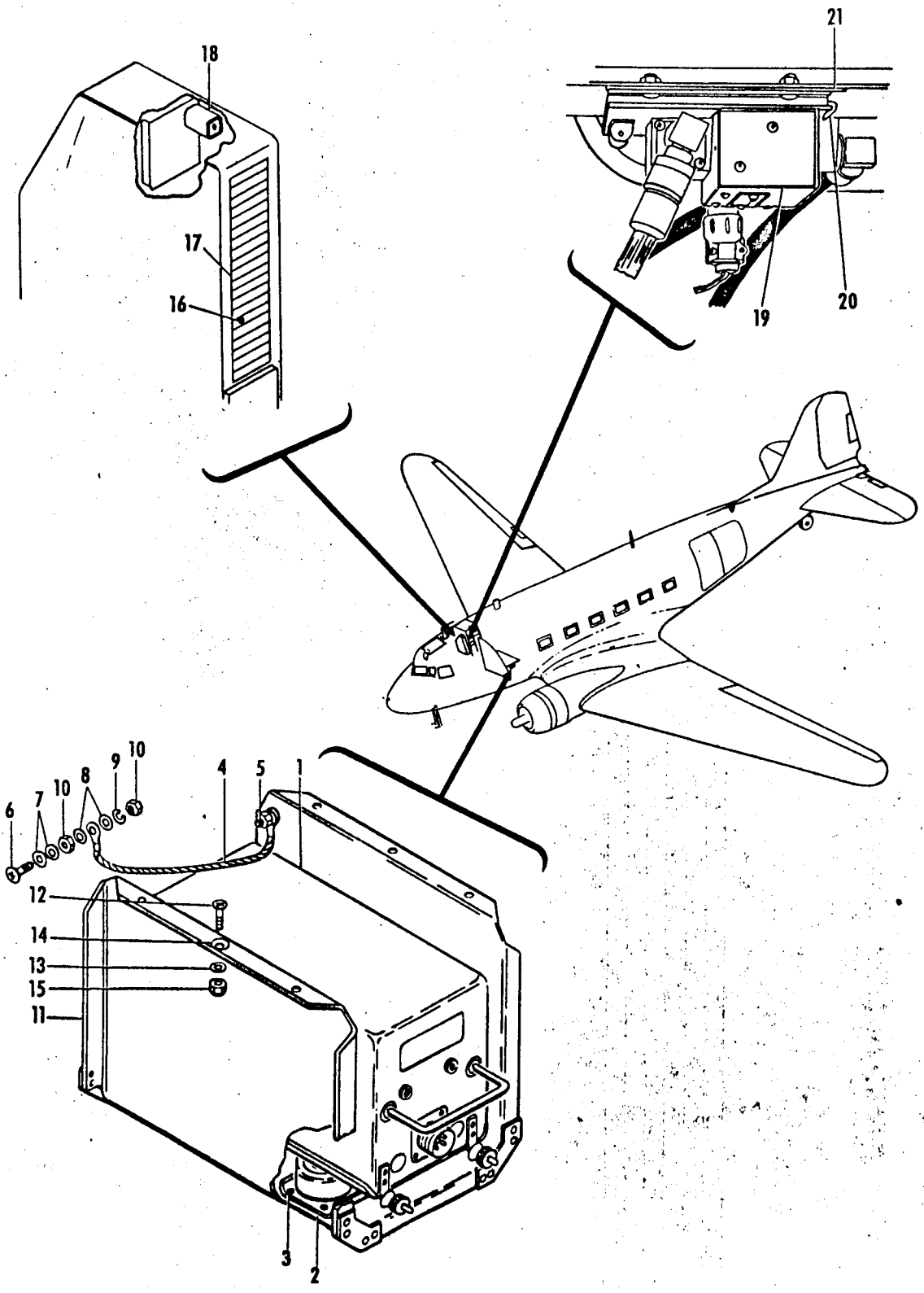

Figure 163E. Radio, AN/ARA-25

V4-315

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
163E	65AM1071	RADIO INSTL, AN/ARA-25 (SEE T.O. 1C-47-529) (23942)	1	
- 1	AM608/ARA25	AMPLIFIER, ELECTRONIC CONTROL	1	
	65AM1017	HARNESS ASSY, WIRING	1	
- 2	MT1043/ARA25	MOUNT	1	
		(ATTACHING PARTS)		
- 3	MS35207-263	SCREW, (ALT PN AN520-10R8)	8	
	AN960D10L	WASHER	8	
	MS21044N3	NUT, (ALT PN MS20365-1032)	8	
- 4	MS25083-2B88	JUMPER ASSY	1	
		(ATTACHING PARTS)		
- 5	MS35207-263	SCREW, (ALT PN AN520-10R8)	1	
	AN961-10	WASHER	2	
	AN960D10L	WASHER	1	
	MS21044N3	NUT, (ALT PN MS20365-1032)	1	
- 6	AN520PB10R10	SCREW	1	
- 7	AN960D10L	WASHER	2	
- 8	AN961-10	WASHER	2	
- 9	MS35338-100	WASHER, (ALT PN AN935B10)	1	
- 10	MS20341-10A	NUT, (ALT PN AN341-10)	2	
- 11	55E20393	SUPPORT, AMPLIFIER MOUNTING AM-608/ARA-25	1	
		(ATTACHING PARTS)		
- 12	AN509-10R15	SCREW	6	
- 13	AN960D10L	WASHER	6	
- 14	A3235-020-1	WASHER, COUNTERSUNK (IW1330195)	6	
- 15	MS21044N3	NUT, (ALT PN MS20365-1032)	6	
- 16	MS25017-5	BREAKER ASSY	1	
		(ATTACHING PARTS)		
	MS35206-230	SCREW, (ALT PN AN515-6-8)	2	
- 17	65AM1043-6	NAMEPLATE, CIRCUIT BREAKER ARA-25 5A	1	
- 18	C3519	RELAY	1	
	65AM1020	HARNESS ASSY, WIRING	1	
- 19	RE120/ARA25	RELAY	1	
	65AM1018	HARNESS ASSY, WIRING	1	
	65AM1021-3	CABLE ASSY, COAXIAL	1	
	65AM1021-4	CABLE ASSY, COAXIAL	1	
	UG27( )/U	ADAPTER PLUG, RIGHT ANGLE	3	
	UG21( )/U	PLUG	2	
- 20	MT1042/ARA25	MOUNT	1	
- 21	65AM1073	PLATE, MOUNTING	1	
		(ATTACHING PARTS)		
	MS35206-245	SCREW, (ALT PN AN526-832-8)	6	
	AN960-8	WASHER	6	
	MS21044N08	NUT, (ALT PN MS20365-832A)	6	

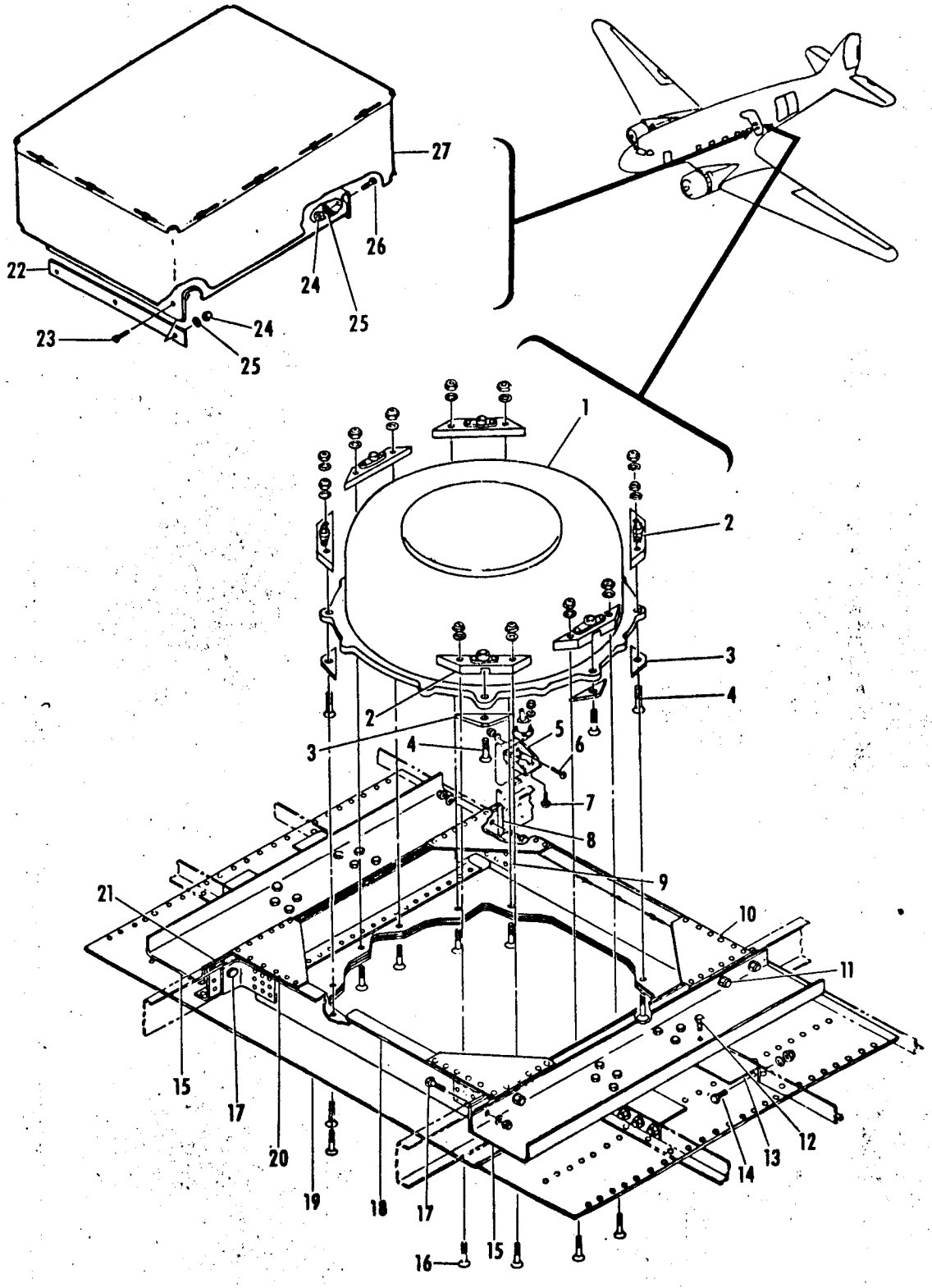

Figure 163F. Radio, AN/ARA-25

V4-316

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
163F	65AM1071	RADIO INSTL, AN/ARA-25 (SEE T.O. 1C-47-529)	1	
- 1	AN578/ARA25	ANTENNA ASSY	1	
- 2	55B20758	SPACER, MOUNTING PLATE FORE AND AFT AS-578/ARA-25	6	
- 3	55B20759	SPACER, FORE AND AFT	6	
- 4	AN509-416R17	SCREW	1	
- 5	55C21225	BRACKET, ANTENNA PLUG	1	
	65AM1016	HARNESS ASSY, WIRING	1	
	65AM1019-3	WIRES, ELECTRICAL (4 PER SET)	1	
	65AM1019-4	WIRES, ELECTRICAL (4 PER SET)	1	
	65AM1019-5	WIRES, ELECTRICAL (4 PER SET)	1	
	65AM1019-6	WIRES, ELECTRICAL (4 PER SET)	1	
	65AM1023	WIRES, ELECTRICAL (2 PER SET)	1	
		(ATTACHING PARTS)		
- 6	MS35206-245	SCREW, (ALT PN AN526-832R8)	2	
	AN960D8L	WASHER	2	
	MS21044N08	NUT, (ALT PN MS20365-832A)	2	
		---*---		
- 7	MS35206-216	SCREW, (ALT PN AN515-4R7)	4	
	AN960D4L	WASHER	4	
	MS21044N04	NUT, (ALT PN MS20365-440)	4	
		---*---		
- 8	55B21139L	CLIP, OUTBOARD SHEAR PLATE LH	2	
	55B21139R	CLIP, OUTBOARD SHEAR PLATE RH	2	
		---*---		
- 9	55B21140L	CLIP, INBOARD SHEAR PLATE LH	2	
	55B21140R	CLIP, INBOARD SHEAR PLATE RH	2	
		---*---		
- 10	55B21143	GUSSET, FORWARD	2	
- 11	AN4-10A	BOLT	4	
- 12	AN3-4A	BOLT	20	
- 13	55B21138L	CLIP, ANTENNA SHEAR PLATE SUPPORT LH	2	
	55B21138R	CLIP, ANTENNA SHEAR PLATE SUPPORT RH	2	
		(ATTACHING PARTS)		
- 14	AN3-7A	BOLT	24	
	AN960D10	WASHER	24	
	MS21044N3	NUT, (ALT PN MS20365-1032)	24	
		---*---		
- 15	55B21141	PLATE, ANTENNA SHEAR	2	
	55C21136	FORMER, FORWARD	1	
	55C21142	FLANGE, FORWARD PAN	1	
		(ATTACHING PARTS)		
- 16	AN509-8R16	SCREW	12	
	AN960D8	WASHER	12	
	MS21044N08	NUT, (ALT PN MS20365-832)	12	
		---*---		
- 17	AN4-7A	BOLT	4	
	AN960D416	WASHER	8	
- 18	55E21145	PAN, ANTENNA	1	
- 19	55C21135	DOUBLER	1	
- 20	55B21144	GUSSET, AFT	2	
- 21	55B21137	SPACER, ANTENNA SHEAR PLATE	4	
	MS21044N4	NUT, (ALT PN MS20365-428A)	8	
- 22	55B20765	SPACER	1	
- 23	MS35206-246	SCREW, (ALT PN AN515-8R10)	3	
- 24	MS21044N08	NUT, (ALT PN MS20365-832)	6	
- 25	AN960D8L	WASHER	6	
- 26	MS35206-245	SCREW, (ALT PN AN515-8R8)	3	
- 27	514240	BOX AND BRACKET ASSY, INSTALLATION AFT PARAPACT JUNCTION BOX	REF	
		(SEE T.O. 1C-47-529)		
	200157-1	HARNESS ASSY, WIRING	1	

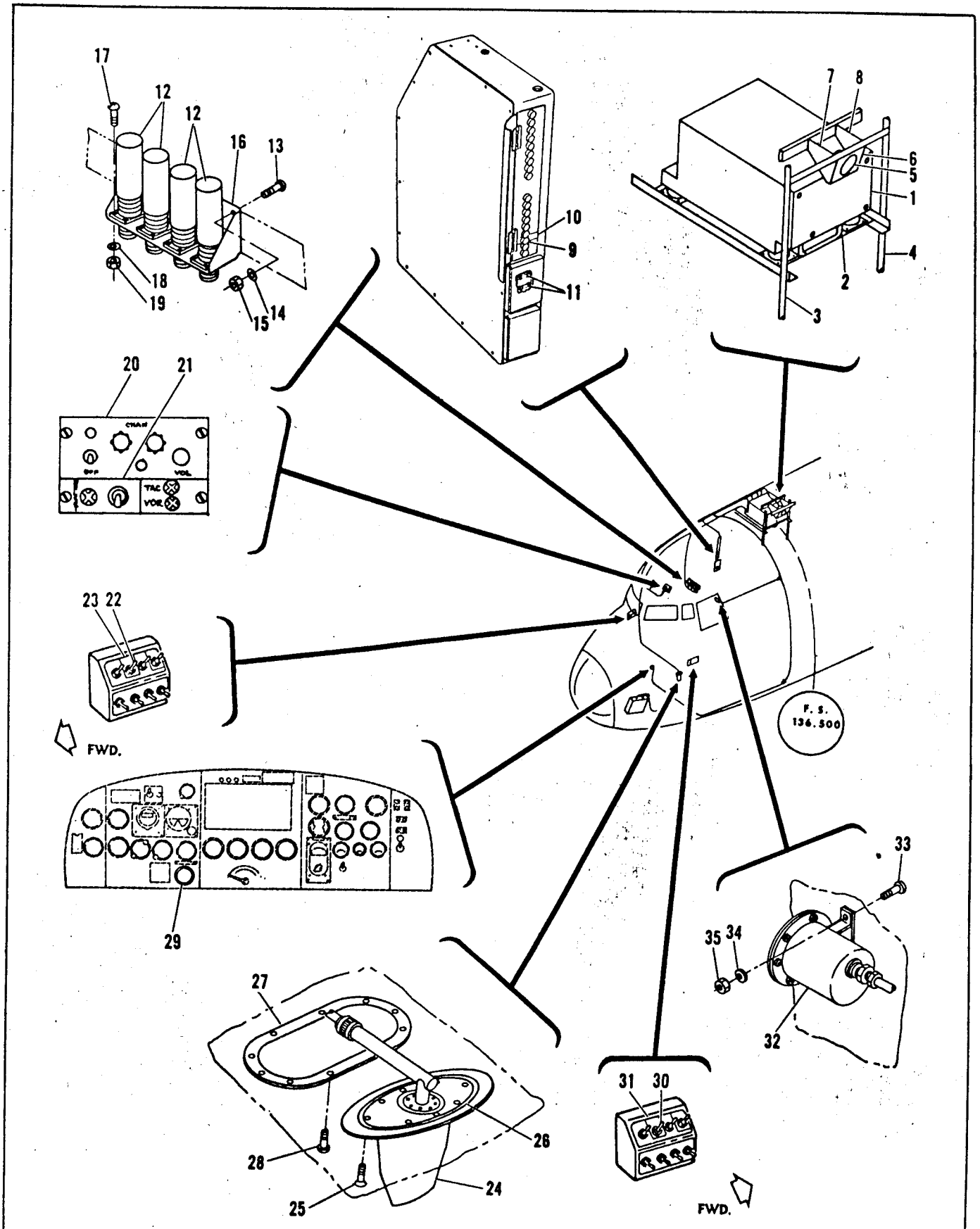

Figure 163G. Radio Installation, AN/ARN-21

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
163G-	55E20335	RADIO SET AN/ARN-21, INSTL (SEE FIG. 153 FOR NHA) (SEE T.O. 1C-1-551)	REF	
	55J20396	RADIO INSTL, TACAN (SEE FIG. 153 FOR NHA)	REF	
- 1	RT-220/ARN-21	RADIO RECEIVER/TRANSMITTER, AN/ARN-21	1	
- 2	MT-928/ARN-21	MOUNTING	1	
- 3	55C20400	RACK SUPPORT, FWD	1	
- 4	55C20399	RACK SUPPORT AFT	1	
	55H20432	INDICATOR INSTL, AZIMUTH (SEE FIG. 153 FOR NHA)	REF	
- 5	ID-307/ARN	INDICATOR, AZIMUTH	1	
- 6	55C20427	MOUNTING BRACKET	1	
- 7	55C20429	BRACKET SUPPORT, FWD	1	
- 8	55C20428	BRACKET SUPPORT, AFT	1	
- 9	MS25005-5	CIRCUIT BREAKER	1	
- 10	55B20329	NAMEPLATE	1	
* 11	414005	FUSE ASSY, ANTI-VIBRATION TYPE (75915)	2	
- 12	AN3303-1	RELAY, SWITCHING	4	
		(ATTACHING PARTS)		
- 13	AN515-4R8	SCREW	4	
- 14	AN960D4	WASHER	4	
- 15	AN365-440	NUT	4	
- 16	55C20440	BRACKET	1	
		(ATTACHING PARTS)		
- 17	AN515-6R7	SCREW	4	
- 18	AN960D6L	WASHER	4	
- 19	AN365-632	NUT	4	
- 20	C-866/ARN-21	PANEL, RADIO CONTROL, AN/ARN-21	1	
- 21	55B20366	PANEL, RADIO SET SELECTOR	1	
* 22	NO NUMBER	SWITCH, AUDIO	1	
- 23	55B21170-2	PLATE, IDENTIFICATION	1	
- 24	AS-133/APX	ANTENNA, AN/ARN-21	1	
		(ATTACHING PARTS)		
- 25	AN505-8R11	SCREW	8	
- 26	NO NUMBER	GASKET	1	
- 27	55C20768	PLATE, ACCESS	1	
		(ATTACHING PARTS)		
* 28	AN515-8R7	SCREW	10	
* 29	ID-310/ARN	INDICATOR, AZIMUTH	1	
- 30	NO NUMBER	SWITCH	1	
- 31	55B21170-2	PLATE, IDENTIFICATION	1	
* 32	CU-279/ARN	NETWORK, PHASE DETECTING	1	
		(ATTACHING PARTS)		
- 33	AN526-832R8	SCREW	2	
* 34	AN960D8L	WASHER	2	
* 35	AN365-832	NUT	2	

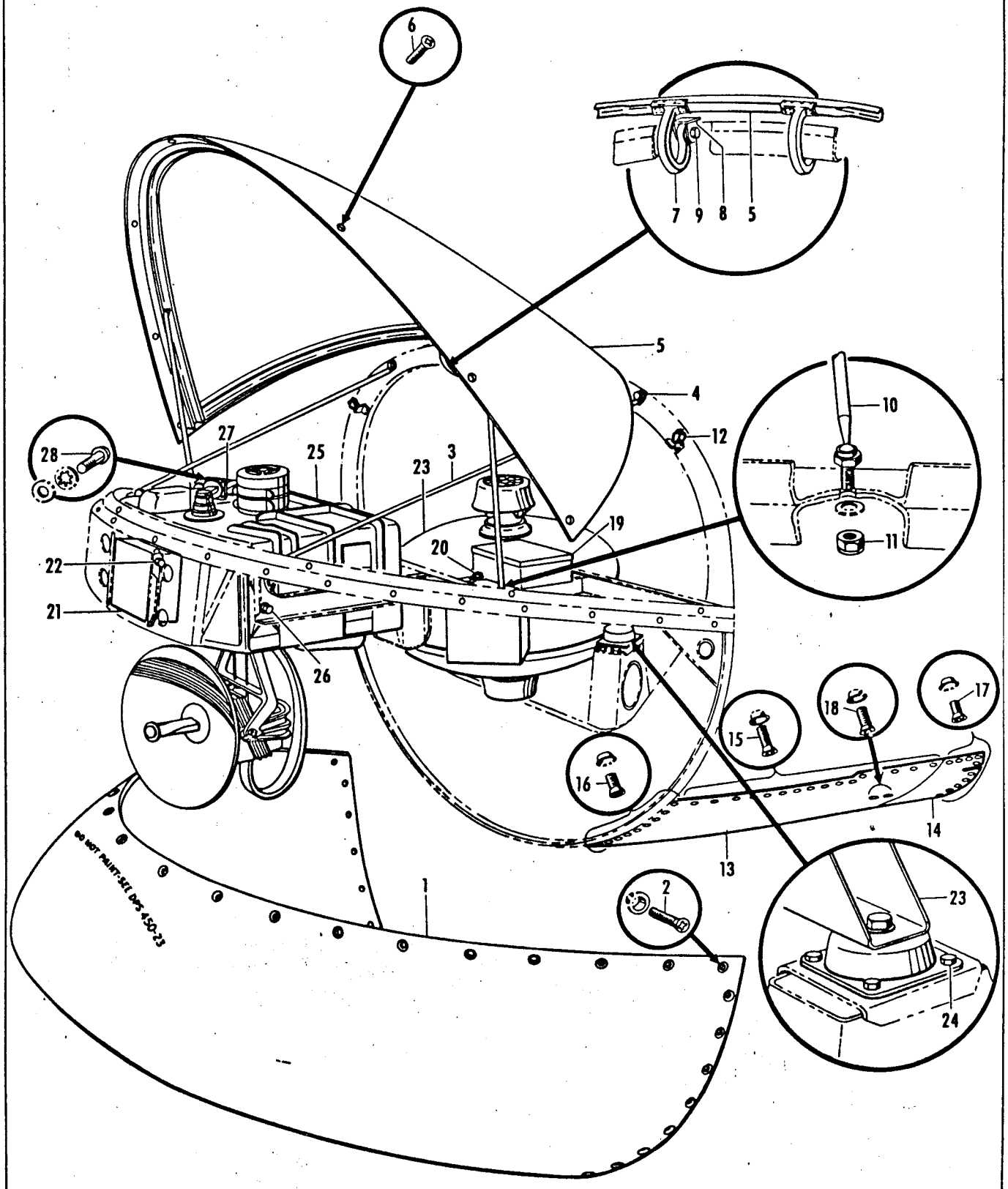

Figure 164. Nose Radar, AN/APS42

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
164	5461955	RADAR INSTL, NOSE, AN/APS42	1	A
	5461579	RADOME INSTL, NOSE	1	A
- 1	5461579-3	RADOME ASSY, NOSE	1	A
		(ATTACHING PARTS)		
- 2	AN509-10R12	SCREW	42	A
	S1330195	WASHER	42	A
		1-1-*-1-1		
- 3	5461579-33	SUPPORT ASSY, LH	1	A
	5461579-34	SUPPORT ASSY, RH	1	A
		(ATTACHING PARTS)		
- 4	AN3-6A	BOLT	4	A
	AN960-10	WASHER	4	A
	MS21044N3	NUT, (ALT PN AN365-1032A)	4	A
		1-1-*-1-1		
	5461638	HOOD INSTL, NOSE	1	A
- 5	5461638-3	HOOD	1	A
		(ATTACHING PARTS)		
- 6	AN509-416R11	SCREW	7	A
		1-1-*-1-1		
- 7	4119204	HINGE, LH	1	A
	4119204-1	HINGE, RH	1	A
- 8	2119203	HINGE BASE, LH	1	A
	2119203-1	HINGE BASE, RH	1	A
- 9	AN3-15A	BOLT	2	A
	MS21044N3	NUT, (ALT PN AN365-1032A)	2	A
- 10	1119199	SUPPORT ASSY	2	A
		(ATTACHING PARTS)		
- 11	MS21044N4	NUT, (ALT PN AN365-428A)	2	A
	AN960D416	WASHER	2	A
		1-1-*-1-1		
- 12	S136714	CLIP	2	A
	5479068	PLATING INSTL, NOSE RADAR	1	A
- 13	5479068-7	FAIRING	1	A
- 14	5479068-9	FAIRING	1	A
		(ATTACHING PARTS)		
- 15	AN507-1032R14	SCREW	35	A
- 16	AN509-10R10	SCREW	35	A
- 17	AN507-1032R8	SCREW	17	A
- 18	AN507-1032R10	SCREW	4	A
	A3235-020-24A	WASHER, (78553) (ALT PN A3235-020 (78553))	91	A
		1-1-*-1-1		
	3482075	NOISE SUPPRESSOR INSTL	1	A
- 19	F148/APS42	NOISE SUPPRESSOR, ELECTRICAL (GFAE)	1	A
		(ATTACHING PARTS)		
- 20	MS35207-261	SCREW, (ALT PN AN526-1032-6)	4	A
	AN960D10L	WASHER	4	A
	MS21083N3	NUT, (ALT PN AN364D1032A)	4	A
		1-1-*-1-1		
	5482557	ANTENNA INSTL, GLIDE PATH	1	A
- 21	MN92B	ANTENNA, GLIDE PATH (06848)	1	A
		(ATTACHING PARTS)		
- 22	MS35206-226	SCREW, (ALT PN AN526-632R4)	4	A
	AN960D6L	WASHER	4	A
	MS35333-37	WASHER, (ALT PN AN936A6)	4	A
		1-1-*-1-1		
- 23	RT156/APS42	RECEIVER-TRANSMITTER, RADAR (GFAE)	1	A
		(ATTACHING PARTS)		
- 24	AN3-4A	BOLT	12	A
	AN960D10L	WASHER	12	A
	MS21044D3	NUT, (ALT PN AN365D1032A)	12	A
		1-1-*-1-1		
- 25	AS428/APS42	ANTENNA, RADAR (GFAE)	1	A
		(ATTACHING PARTS)		
- 26	AN4-4A	BOLT	4	A
	AN960D416L	WASHER	4	A
	MS35338-44	WASHER, (ALT PN AN935-416)	4	A
		1-1-*-1-1		
- 27	TL64006A	WAVEGUIDE, CG801/U 2 FT 6 IN. (20019)	1	A
		(ATTACHING PARTS)		
- 28	MS35214-40	SCREW, (ALT PN AN515B8R6)	8	A
	AN960B8	WASHER	8	A
	MS35333-106	WASHER, (ALT PN AN936A8B)	8	A
		1-1-*-1-1		
		A 528 THRU 541		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

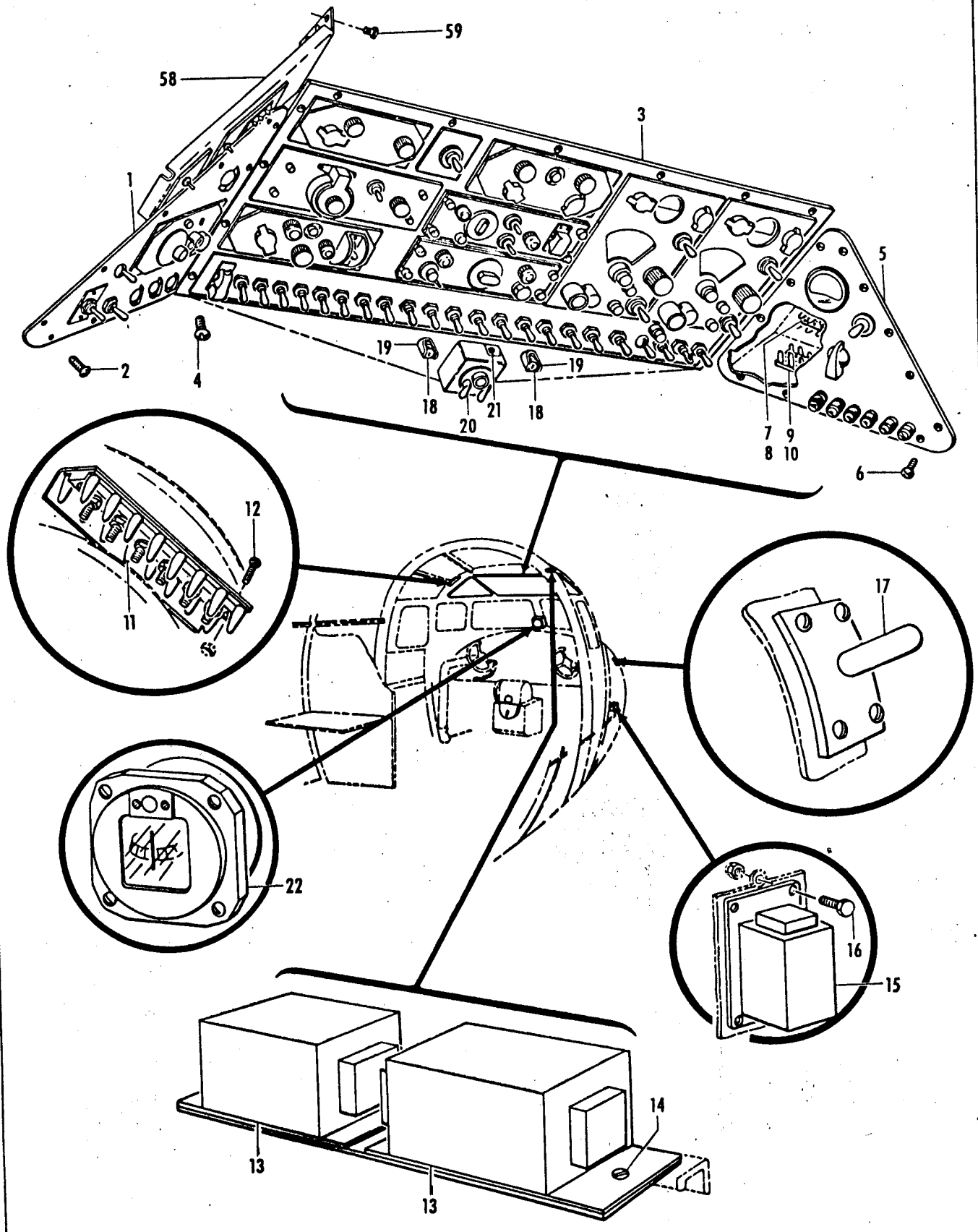

Figure 165. Pilot and Navigator Position Equipment (Sheet 1 of 2)

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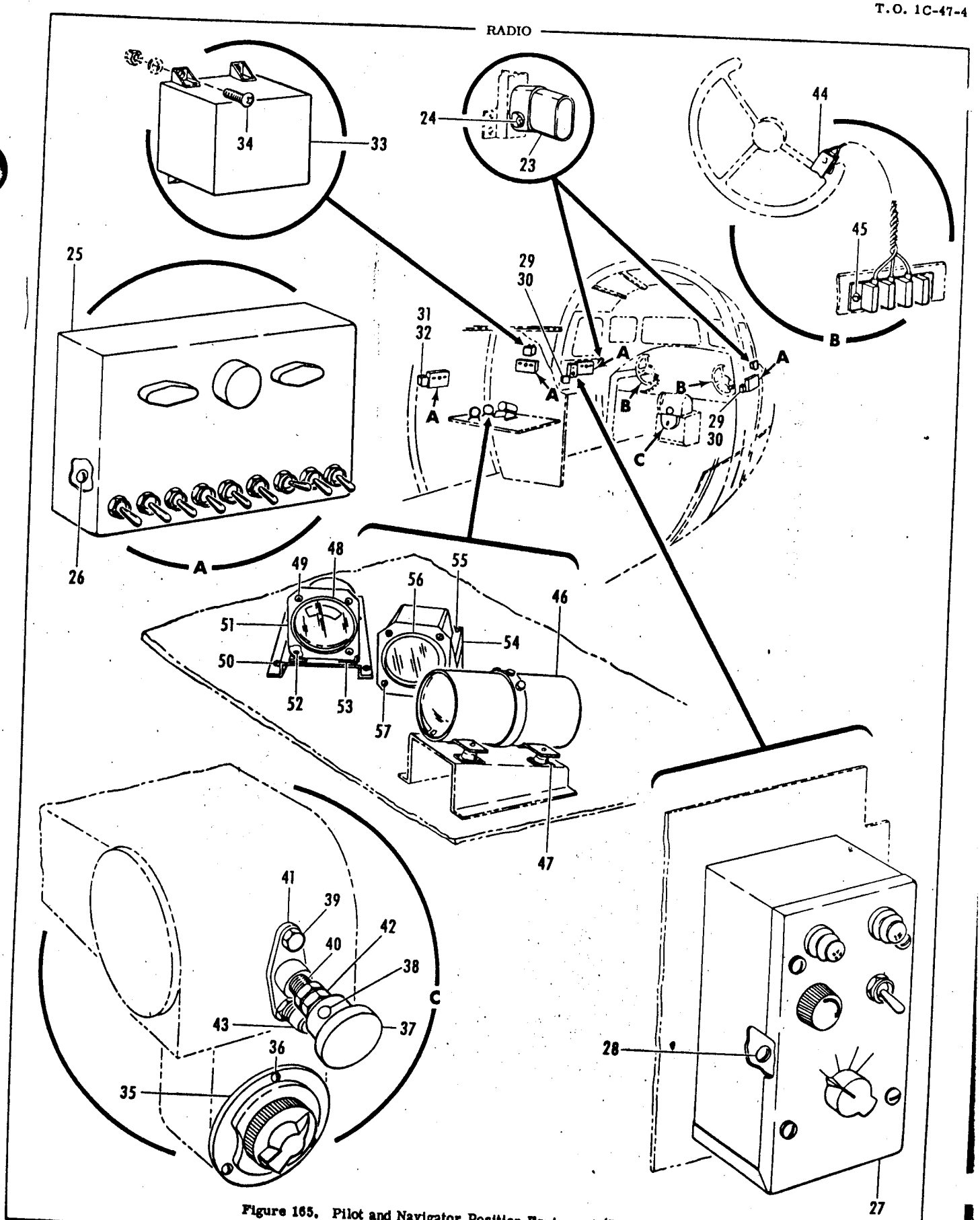

Figure 165. Pilot and Navigator Position Equipment (Sheet 2 of 2)

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FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
165	520CJ9203	EQUIPMENT INSTL, PILOT AND NAVIGATOR POSITION	1	A
- 1	520CD9259	EQUIPMENT ASSY, PILOT OVERHEAD INSTRUMENT PANEL LH	1	A
		(SEE FIG. 167 FOR DETAILS)		
		(ATTACHING PARTS)		
- 2	MS35206-247	SCREW, (ALT PN AN515-8R12)	13	A
- 3	520CH9244	EQUIPMENT ASSY, PILOT OVERHEAD INSTRUMENT PANEL	1	A
		(SEE FIG. 167 FOR DETAILS)		
		(ATTACHING PARTS)		
- 4	AN509-8R12	SCREW	20	A
- 5	520CD9258	EQUIPMENT ASSY, PILOT OVERHEAD INSTRUMENT PANEL RH	1	A
		(SEE FIG. 167 FOR DETAILS)		
		(ATTACHING PARTS)		
- 6	MS35206-247	SCREW, (ALT PN AN515-8R12)	13	A
- 7	MS27212-2-16	TERMINAL BOARD, (ALT PN AN3436-2-16)	4	A
		(ATTACHING PARTS)		
- 8	MS51957-27	SCREW, (ALT PN AN515C6R5)	16	A
	MS20341-6C	NUT, (ALT PN AN340C6)	16	A
- 9	MS27212-2-12	TERMINAL BOARD, (ALT PN AN3436-2-12)	3	A
		(ATTACHING PARTS)		
- 10	MS51957-27	SCREW, (ALT PN AN515C6R5)	9	A
	MS20341-6C	NUT, (ALT PN AN340C6)	9	A
- 11	MS27212-1-6	TERMINAL BOARD, (ALT PN AN3436-2-6)	1	A
		(ATTACHING PARTS)		
- 12	MS51957-27	SCREW, (ALT PN AN515C6R5)	2	A
	MS20341-6C	NUT, (ALT PN AN340C6)	2	A
- 13	44B18574	RELAY, (GFAE)	2	A
		(ATTACHING PARTS)		
- 14	MS35190-274	SCREW, (ALT PN AN505-10-12)	4	A
	AN960-10	WASHER	4	A
	AN365-1024	NUT	4	A
- 15	PB1004	ADAPTER, PHASE (TYPE 1) (77221)	1	A
		(ATTACHING PARTS)		
- 16	AN3-5	BOLT	4	A
	AN960-10	WASHER	4	A
	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
- 17	AN5525-1	BULB	1	A
- 18	560B32D	SWITCH, PUSH BUTTON (GFAE)	2	A
- 19	1082998	GUARD, PROPELLER FEATHERING SWITCH	2	A
- 20	10-29055-1	SWITCH, IGNITION (TYPE B6) (GFAE)	1	A
		(ATTACHING PARTS)		
- 21	MS51957-45	SCREW, (ALT PN AN526C832R8)	4	A
- 22	AN5733-1	COMPASS	1	A
- 23	2130136	LIGHT	2	A
		(ATTACHING PARTS)		
- 24	AN515-8R18	SCREW	4	A
	MS21044N08	NUT, (ALT PN AN365-832)	4	A
	530CC6772	PANEL, MODIFICATION C166/A1C3 CONTROL	4	A
- 25	C166/A1C3	BOX, CONTROL (GFAE)	1	A
		(ATTACHING PARTS)		
- 26	MS51958-79	SCREW, (ALT PN AN520C416R8)	4	A
- 27	C260/ANQ1A	BOX, WIRE RECORDER CONTROL (GFAE)	1	A
		(ATTACHING PARTS)		
- 28	MS35206-263	SCREW, (ALT PN AN515-10R8)	2	A
	MS21044N3	NUT, (ALT PN AN365-1032)	2	A
- 29	F21/ARA9	FILTER, (GFAE)	2	A
		(ATTACHING PARTS)		
- 30	MS35218-44	SCREW, (ALT PN AN515DD8R12)	8	A
- 31	F21/ARA9	FILTER, (GFAE)	1	A
		(ATTACHING PARTS)		
- 32	MS35218-42	SCREW, (ALT PN AN515DD8R8)	4	A
- 33	F21/ARA9	FILTER, (GFAE)	1	A
		(ATTACHING PARTS)		
- 34	MS35218-42	SCREW, (ALT PN AN515DD8R8)	4	A
	AN960D8	WASHER	4	A
	MS21044D08	NUT, (ALT PN AN365D832)	4	A
- 35	12341-1A	CONTROL, TURN AND PITCH (19315)	1	A
		(ATTACHING PARTS)		
- 36	MS35214-29	SCREW, (ALT PN AN515B6-12)	3	A
- 37	520CB9330	KNOB	1	A
- 38	MS20253-2-138	PIN, (ALT PN AN253-2-138)	1	A
	530CB6230	BOLT ASSY	1	A

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
165		(ATTACHING PARTS)		
- 39	AN3-6A	BOLT	1	A
		1-2-*-6-7		
- 40	520CA9327	BOLT, THROTTLE BRAKE ADJUSTING	1	A
- 41	520CB9329	BUSHING	1	A
- 42	AN316-5L	NUT	2	A
- 43	BZ7RQ1T04	SWITCH, (91929)	1	A
- 44	S407969A	RELEASE, AUTO-PILOT (GFAE)	2	A
		(ATTACHING PARTS)		
- 45	MS35206-246	SCREW, (ALT PN AN515-8R10)	4	A
	MS21044N08	NUT, (ALT PN AN365-832)	4	A
		1-2-*-6-7		
- 46	IP35/APS42	INDICATOR, RANGE AZIMUTH (GFAE)	1	A
		(ATTACHING PARTS)		
- 47	MS35207-262	SCREW, (ALT PN AN520-10-7)	16	A
	AN960-10	WASHER	16	A
	MS21044N3	NUT, (ALT PN AN365-1032)	16	A
		1-2-*-6-7		
- 48	ID251/ARN	INDICATOR, BEARING CONVERTER (GFAE)	1	A
		(ATTACHING PARTS)		
- 49	MS35214-31	SCREW, (ALT PN AN515B6-16)	4	A
	A6939-632-125	NUT, SPEED (78553)	4	A
		1-2-*-6-7		
	520CC9734	BRACKET ASSY, MOUNTING	1	A
		(ATTACHING PARTS)		
- 50	AN520-10R18	SCREW	4	A
	AN970-3	WASHER	4	A
	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
		1-2-*-6-7		
- 51	520CC9840	SUPPORT	1	A
		(ATTACHING PARTS)		
- 52	MS35206-248	SCREW, (ALT PN AN515-8R14)	3	A
	AN8013D1	WASHER	3	A
	MS21044N08	NUT, (ALT PN AN365-832)	3	A
		1-2-*-6-7		
- 53	AN8008D1	INSULATOR	3	A
	54D21300	EQUIPMENT INSTL, AZIMUTH INDICATOR	1	A
- 54	54D21299	BRACKET, MOUNTING	1	A
		(ATTACHING PARTS)		
- 55	MS35206-253	SCREW, (ALT PN AN515-8R32)	4	A
	AN973-3	WASHER	8	A
	J20491D	WASHER	4	A
	MS21044N08	NUT, (ALT PN AN365-832)	4	A
		1-2-*-6-7		
- 56	ID307/ARN	INDICATOR, AZIMUTH (GFAE)	1	A
		(ATTACHING PARTS)		
- 57	MS35214-4	SCREW, (ALT PN AN515B8R14)	4	A
		1-2-*-6-7		
- 58	54D21305	PANEL, NAVIGATION RADIO CONTROL AND SWITCH (NHA 54D21306)	1	A
		(SEE FIG. 167 FOR DETAILS)		
		(ATTACHING PARTS)		
- 59	MS35206-245	SCREW, (ALT PN AN515-8R8)	8	A
	AN960D8L	WASHER	8	A
	MS21044N08	NUT, (ALT PN AN365-832)	8	A
		1-2-*-6-7		
		A 528 THRU 541		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

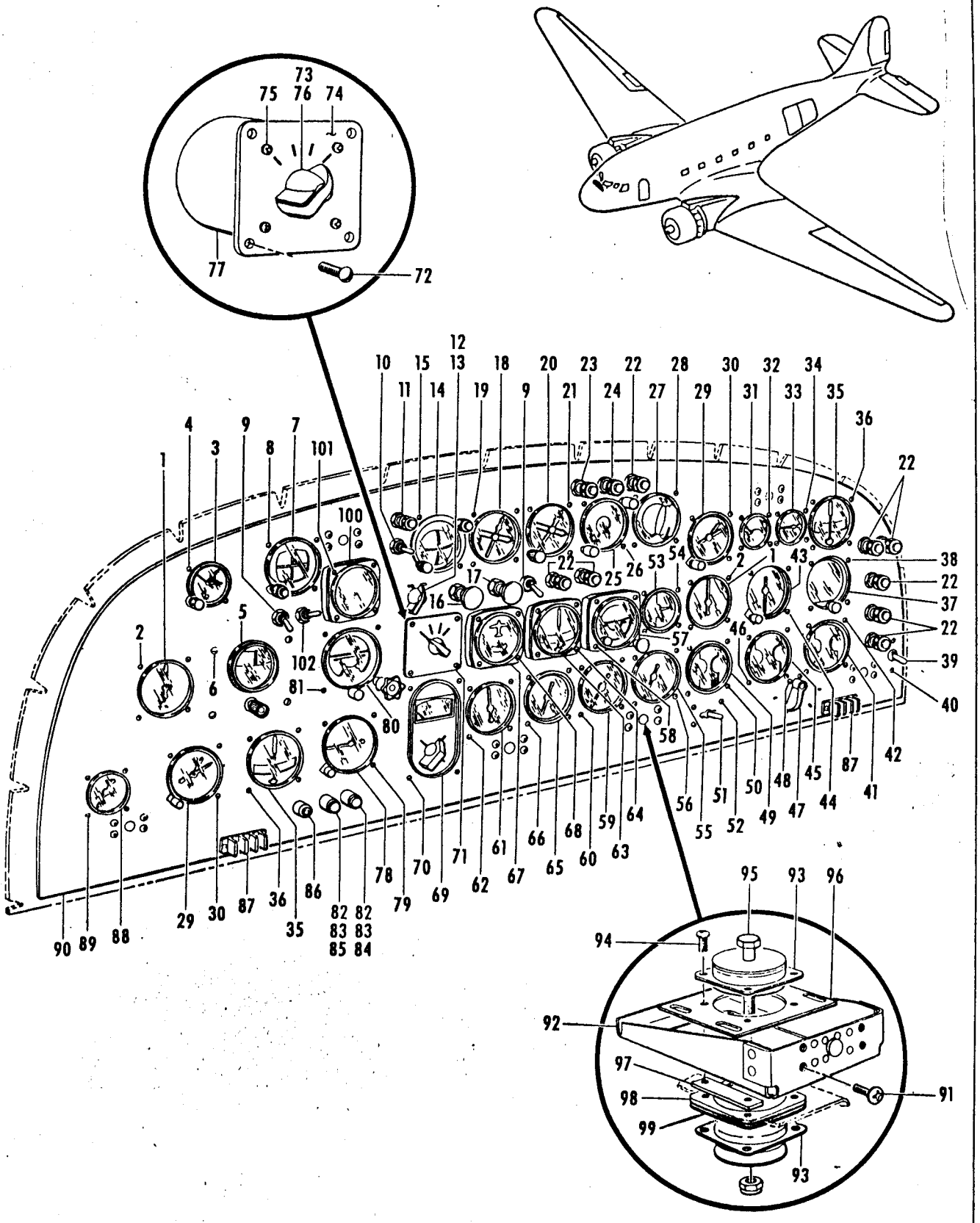

Figure 166. Pilot and Navigator Position Equipment

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FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
166	520CJ9203	EQUIPMENT INSTL, PILOT AND NAVIGATOR POSITION	1	A
- 1	NO NUMBER	INDICATOR, AIRSPEED (TYPE C14) (GFAE)	2	A
		(ATTACHING PARTS)		
- 2	MS35214-31	SCREW, (ALT PN AN515B6-16)	8	A
	A6939-632-125	NUT, SPEED (78553)	8	A
- 3	AN5743-1	CLOCK, (FOR FUTURE PROCUREMENT USE AN5743-2)	1	A
		(ATTACHING PARTS)		
- 4	MS35214-31	SCREW, (ALT PN AN515B6-16)	2	A
	A6939-632-125	NUT, SPEED (78553)	2	A
- 5	AN5735-1	GYRO, DIRECTIONAL	1	A
		(ATTACHING PARTS)		
- 6	MS35215-59	SCREW, (ALT PN AN520B10-16)	4	A
- 7	ID48/ARN	INDICATOR, (GFAE) (SEE T.O. 1C-47(E)D-501)	1	A
		(ATTACHING PARTS)		
- 8	MS35214-31	SCREW, (ALT PN AN515B6-16)	3	A
	A6939-632-125	NUT, SPEED (78553)	3	A
- 9	MS35058-22	SWITCH, (ALT PN AN3021-2)	2	A
- 10	MS35058-23	SWITCH, (ALT PN AN3021-3)	1	A
- 11	MS25331-2-313	LIGHT, (ALT PN AN3157-2)	1	A
- 12	AN3220-3	KNOB	1	A
- 13	NO NUMBER *	SWITCH, AUTOMATIC FLIGHT CONTROL (71590)	1	A
- 14	ID249	INDICATOR, COURSE (GFAE)	1	A
		(ATTACHING PARTS)		
- 15	MS35214-31	SCREW, (ALT PN AN515B6-16)	2	A
	A6939-632-125	NUT, SPEED (78553)	2	A
- 16	CQ21-0	CONTROL, ALTITUDE (19315)	1	A
- 17	CQ9	CONTROL, AUTO-PILOT (19315)	1	A
- 18	ID250	INDICATOR, COURSE (GFAE)	1	A
		(ATTACHING PARTS)		
- 19	MS35214-31	SCREW, (ALT PN AN515B6-16)	4	A
	A6939-632-125	NUT, SPEED (78553)	4	A
- 20	MN58	INDICATOR, DUAL AZIMUTH (06848)	1	A
		(ATTACHING PARTS)		
- 21	MS35214-31	SCREW, (ALT PN AN515B6-16)	3	A
	A6939-632-125	NUT, SPEED (78553)	3	A
- 22	MS25331-6-313	LIGHT, (ALT PN AN3157-6)	8	A
- 23	MS25331-7-313	LIGHT, (ALT PN AN3157-7)	1	A
- 24	MS25331-8-313	LIGHT, (ALT PN AN3157-8)	1	A
- 25	ID14/APN1	ALTIMETER, RADIO (24446)	1	A
		(ATTACHING PARTS)		
- 26	MS35214-31	SCREW, (ALT PN AN515B6-16)	2	A
	A6939-632-125	NUT, SPEED (78553)	2	A
- 27	SA1/ARN1	SWITCH, RADIO ALTIMETER (02734)	1	A
		(ATTACHING PARTS)		
- 28	MS35214-31	SCREW, (ALT PN AN515B6-16)	4	A
	A6939-632-125	NUT, SPEED (78553)	4	A
- 29	MS28044L1A	ALTIMETER, (ALT PN AN5760-2A)	2	A
		(ATTACHING PARTS)		
- 30	MS35214-31	SCREW, (ALT PN AN515B6-16)	6	A
	A6939-632-125	NUT, SPEED (78553)	6	A
- 31	AN5790-6	INDICATOR, FREE AIR TEMPERATURE	1	A
		(ATTACHING PARTS)		
- 32	MS35214-31	SCREW, (ALT PN AN515B6-16)	4	A
	A6939-632-125	NUT, SPEED (78553)	4	A
- 33	MS28061-3	GAGE, (ALT PN AN5771-3A)	1	A
		(ATTACHING PARTS)		
- 34	MS35214-31	SCREW, (ALT PN AN515B6-16)	4	A
	A6939-632-125	NUT, SPEED (78553)	4	A
- 35	AN5820-1	INDICATOR, TURN AND BANK	2	A
		(ATTACHING PARTS)		
- 36	MS35214-31	SCREW, (ALT PN AN515B6-16)	8	A
	A6939-632-125	NUT, SPEED (78553)	8	A
- 37	21278	INDICATOR, GYRO HORIZON (56232)	1	A
		(ATTACHING PARTS)		
- 38	MS35214-31	SCREW, (ALT PN AN515B6-16)	4	A
	A6939-632-125	NUT, SPEED (78553)	4	A
- 39	MS25103-21	SWITCH, (ALT PN AN3023-2)	1	A
		(ATTACHING PARTS)		
- 40	MS35214-28	SCREW, (ALT PN AN515B6-10)	2	A
	MS21044N06	NUT, (ALT PN AN365-632)	2	A
- 41	AN5795-6	INDICATOR, CARBUREATOR AIR TEMPERATURE	1	A
		(ATTACHING PARTS)		

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
	CONTINUED			
166 - 42	MS35214-31	SCREW, (ALT PN AN515B6-16)	4	A
	A6939-632-125	NUT, SPEED (78553)	4	A
- 43	665263-21	COMPASS, GYRO REPEATER (56232)	1	A
		(ATTACHING PARTS)		
- 44	MS35214-31	SCREW, (ALT PN AN515B6-16)	3	A
	A6939-632-125	NUT, SPEED (78553)	3	A
- 45	NO NUMBER	INDICATOR, CYLINDER TEMPERATURE (TYPE B11) (GFAE)	1	A
		(ATTACHING PARTS)		
- 46	MS35214-31	SCREW, (ALT PN AN515B6-16)	4	A
	A6939-632-125	NUT, SPEED (78553)	4	A
- 47	S1019166	VALVE	1	A
		(ATTACHING PARTS)		
- 48	MS35214-28	SCREW, (ALT PN AN515B6-10)	4	A
- 49	AN5795-6	INDICATOR, OIL TEMPERATURE	1	A
		(ATTACHING PARTS)		
- 50	MS35214-31	SCREW, (ALT PN AN515B6-16)	4	A
	A6939-632-125	NUT, SPEED (78553)	4	A
- 51	MS28051-1	VALVE, (ALT PN AN5831-1)	1	A
		(ATTACHING PARTS)		
- 52	MS35214-28	SCREW, (ALT PN AN515B6-10)	4	A
	MS21044N06	NUT, (ALT PN AN365-632)	4	A
- 53	15100-0	INDICATOR, TRIM (19315)	1	A
		(ATTACHING PARTS)		
- 54	MS35214-31	SCREW, (ALT PN AN515B6-16)	4	A
	A6939-632-125	NUT, SPEED (78553)	4	A
- 55	MS28064-3	GAGE, (ALT PN AN5772-1A)	1	A
		(ATTACHING PARTS)		
- 56	MS35214-31	SCREW, (ALT PN AN515B6-16)	4	A
	A6939-632-125	NUT, SPEED (78553)	4	A
- 57	12401-1AA1	CONTROL, VERTICAL GYRO (19315)	1	A
		(ATTACHING PARTS)		
- 58	MS35214-31	SCREW, (ALT PN AN515B6-16)	3	A
	A6939-632-125	NUT, SPEED (78553)	3	A
- 59	MS28064-5	GAGE, (ALT PN AN5772-2A)	1	A
		(ATTACHING PARTS)		
- 60	MS35214-31	SCREW, (ALT PN AN515B6-16)	4	A
	A6939-632-125	NUT, SPEED (78553)	4	A
- 61	AN5530-2	TACHOMETER	1	A
		(ATTACHING PARTS)		
- 62	MS35214-31	SCREW, (ALT PN AN515B6-16)	4	A
	A6939-632-125	NUT, SPEED (78553)	4	A
- 63	12423-1BA1	CONTROL, RATE GYRO (19315)	1	A
		(ATTACHING PARTS)		
- 64	MS35214-31	SCREW, (ALT PN AN515B6-16)	4	A
	A6939-632-125	NUT, SPEED (78553)	4	A
- 65	AN5770-2	GAGE, MANIFOLD PRESSURE	1	A
		(ATTACHING PARTS)		
- 66	MS35214-31	SCREW, (ALT PN AN515B6-16)	4	A
	A6939-632-125	NUT, SPEED (78553)	4	A
- 67	16404-1CA1	INDICATOR, MASTER DIRECTION (19315)	1	A
		(ATTACHING PARTS)		
- 68	MS35214-31	SCREW, (ALT PN AN515B6-16)	4	A
	A6939-632-125	NUT, SPEED (78553)	4	A
- 69	EA48-5-24	GAGE, FUEL QUANTITY (GFAE)	1	A
		(ATTACHING PARTS)		
- 70	MS35214-59	SCREW, (ALT PN AN520B10-16)	4	A
- 71	530CC6261	SWITCH ASSY, (TYPE CQ-20)	1	A
		(ATTACHING PARTS)		
- 72	MS35214-59	SCREW, (ALT PN AN520B10-16)	4	A
	MS21044B3	NUT, (ALT PN AN365B1032)	4	A
- 73	AN3220-1	KNOB	1	A
- 74	530CB6260	PLATE	1	A
- 75	AN520-3R6	SCREW	4	A
- 76	45372DH3	SWITCH, (76854)	1	A
- 77	530CC6259	HOUSING	1	A
- 78	MS28049-1	INDICATOR, (ALT PN AN5825-1)	1	A
		(ATTACHING PARTS)		
- 79	MS35214-31	SCREW, (ALT PN AN515B6-16)	3	A
	AN6939-632-125	NUT, SPEED (78553)	3	A
- 80	AN5736-1	INDICATOR, GYRO HORIZON	1	A

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
166		(ATTACHING PARTS)		
- 81	MS35214-59	SCREW, (ALT PN AN520B10-16)	3	A
		1-2-3-4-5-6-7		
- 82	130ARP	SOCKET, LAMP (LESS CAP) (SEE T.O. 1C-1-31)	2	A
- 83	MS25231-313	LAMP, (ALT PN AN3121-313) (SEE T.O. 1C-1-31)	2	A
- 84	5394347-39	CAP, (SEE T.O. 1C-1-31)	1	A
- 85	5394347-41	CAP, (SEE T.O. 1C-1-31)	1	A
- 86	A401M4	SWITCH, (SEE T.O. 1C-1-31)	1	A
- 87	S407969A	RELEASE, AUTO-PILOT (GFAE)	2	A
- 88	MS28061-4	INDICATOR, (ALT PN AN5771-5A)	1	A
		(ATTACHING PARTS)		
- 89	MS35214-31	SCREW, (ALT PN AN515B6-16)	4	A
	A6939-632-125	NUT, SPEED (78553)	4	A
		1-2-3-4-5-6-7		
- 90	520CH9362	PANEL, PILOTS INSTRUMENT	1	A
		(ATTACHING PARTS)		
- 91	MS35207-264	SCREW, (ALT PN AN520-10R10)	24	A
		1-2-3-4-5-6-7		
- 92	520CC9363	BRACKET	6	A
- 93	150PL15	INSULATOR, VIBRATION (76005)	12	A
		(ATTACHING PARTS)		
- 94	MS35206-243	SCREW, (ALT PN AN515-8R6)	48	A
		1-2-3-4-5-6-7		
- 95	AN4-16A	BOLT	6	A
	AN8013-2	WASHER	12	A
	MS21044N4	NUT, (ALT PN AN365-428)	6	A
- 96	520CB9478	PLATE, MOUNT	6	A
- 97	520CB9474	BAR	12	A
- 98	520CB9475	PLATE, ADJUSTING	6	A
- 99	520CB9477	SPACER, MOUNT	6	A
-100	ID310/ARN	INDICATOR, RANGE	1	A
		(ATTACHING PARTS)		
-101	MS35215-59	SCREW, (ALT PN AN520B10-16)	4	A
		1-2-3-4-5-6-7		
-102	MS35058-22	SWITCH, (ALT PN AN3021-2)	1	A
		A 528 THRU 541		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		
		* SWITCH MADE UP OF ROTARY SWITCH TYPE P-122 INDEX ASSEMBLY AND 3 TYPE M1400 SERIES SECTIONS. REWORK SHAFT AS REQUIRED TO FIT AN3220-3 KNOB.		

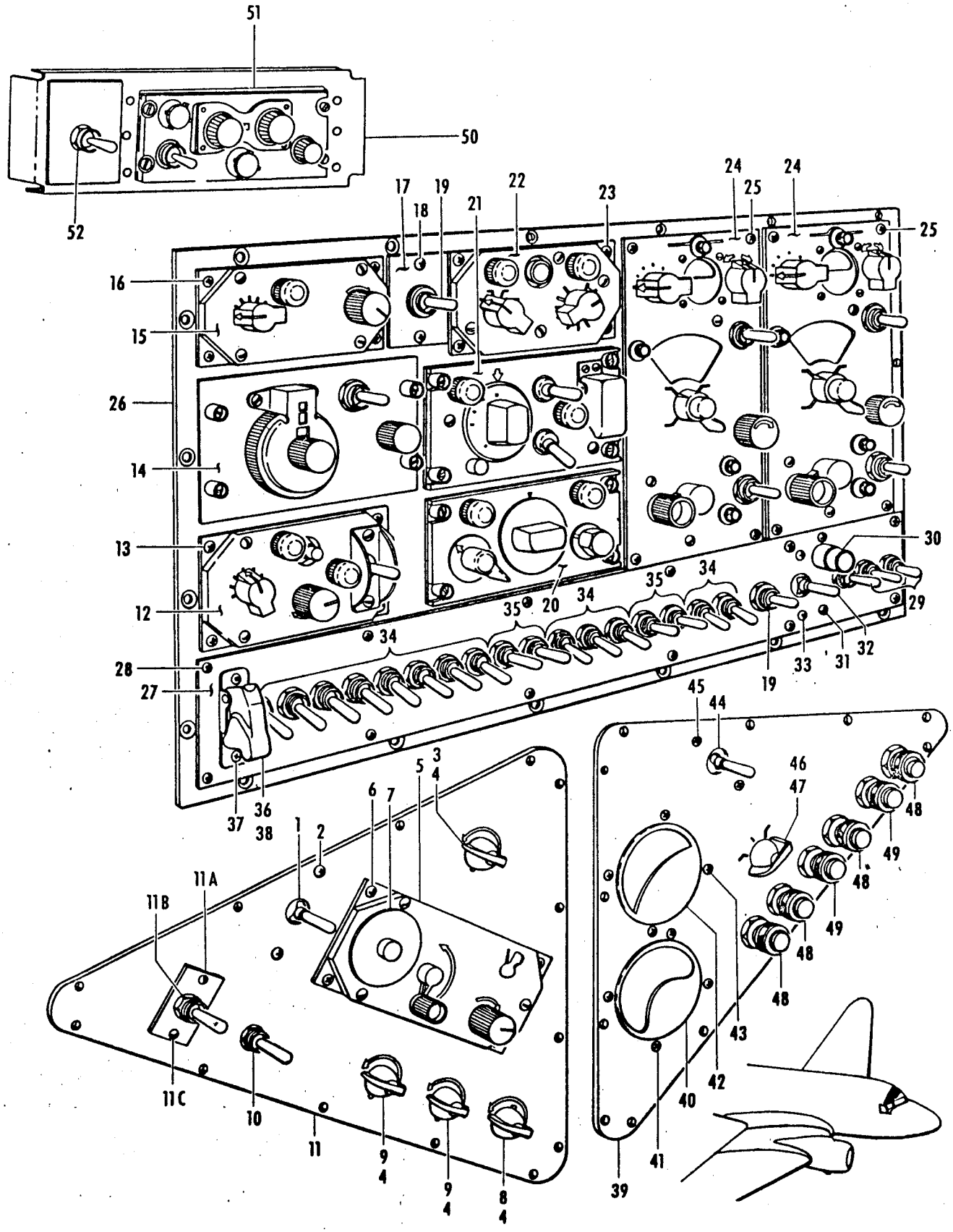


Figure 167. Pilot Overhead Instrument Panel Equipment V4-43

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
167		PILOT OVERHEAD INSTRUMENT PANEL EQUIPMENT		
	520CD9259	EQUIPMENT ASSY, PILOT OVERHEAD INSTRUMENT PANEL LH (SEE FIG. 165 FOR NHA)	REF	A
- 1	MS25102-27	SWITCH, (ALT PN AN3022-7)	1	A
		(ATTACHING PARTS)		
- 2	MS35198-27	SCREW, (ALT PN AN505B6R8)	2	A
- 3	NO NUMBER	RHEOSTAT, (MODEL J) (44655)	1	A
- 4	AN3220-2	KNOB	4	A
- 5	C570A/A	PANEL, CONTROL (GFAE)	1	A
		(ATTACHING PARTS)		
- 6	MS35214-28	SCREW, (ALT PN AN515B6R10)	4	A
- 7	MX1089/U	DIAL, (GFAE)	1	A
- 8	NO NUMBER	RHEOSTAT, 25 OHM AC (44655)	1	A
- 9	NO NUMBER	RHEOSTAT, (MODEL H) (44655)	2	A
- 10	MS35058-22	SWITCH, (ALT PN AN3021-2)	1	A
- 11	520CH9250	PANEL	1	A
	520CH9244	EQUIPMENT ASSY, PILOT OVERHEAD INSTRUMENT PANEL (SEE FIG. 165 FOR NHA)	REF	A
- 11A	55A6128	NAMEPLATE, RED ROTATING BEACON ANTICOLLISION LIGHT SWITCH ON-OFF (SEE T.O. 1C-1-525B)	1	A
- 11B	MS25102-22	SWITCH, (ALT PN AN3022-2) (SEE T.O. 1C-1-525B)	1	A
		(ATTACHING PARTS)		
- 11C	MS35206-229	SCREW, (ALT PN AN515-6R7) (SEE T.O. 1C-1-525B)	2	A
- 12	C404A/A	PANEL, CONTROL (GFAE)	1	A
		(ATTACHING PARTS)		
- 13	MS35214-28	SCREW, (ALT PN AN515B6R10)	4	A
- 14	C512/A	PANEL, CONTROL (GFAE)	1	A
- 15	C410A/A	PANEL, CONTROL (GFAE)	1	A
		(ATTACHING PARTS)		
- 16	MS35214-28	SCREW, (ALT PN AN515B6R10)	4	A
- 17	520CB9238	PANEL, MARKER BEACON SWITCH	1	A
		(ATTACHING PARTS)		
- 18	MS35214-28	SCREW, (ALT PN AN515B6R10)	2	A
- 19	MS35059-21	SWITCH, (ALT PN AN3027-1)	2	A
- 20	C628/ARC27	PANEL, CONTROL (GFAE)	1	A
- 21	C629/APX6	PANEL, CONTROL (GFAE)	1	A
- 22	C405A/A	PANEL, CONTROL (GFAE)	1	A
		(ATTACHING PARTS)		
- 23	MS35214-28	SCREW, (ALT PN AN515B6R10)	4	A
- 24	C411A/A	PANEL, CONTROL (GFAE)	2	A
		(ATTACHING PARTS)		
- 25	MS35214-28	SCREW, (ALT PN AN515B6R10)	8	A
- 26	520CF9233	PANEL, INSTRUMENT	1	A
- 27	520CD9236	PANEL, MAIN SWITCH	1	A
		(ATTACHING PARTS)		
- 28	MS35214-28	SCREW, (ALT PN AN515B6R10)	12	A
- 29	MS35058-21	SWITCH, (ALT PN AN3021-1)	3	A
- 30	40A5554	SWITCH, KEYING (GFAE)	1	A
		(ATTACHING PARTS)		
- 31	MS35198-24	SCREW, (ALT PN AN505B6R5)	2	A
- 32	MS25105-21	SWITCH, (ALT PN AN3226-1)	1	A
		(ATTACHING PARTS)		
- 33	MS35198-24	SCREW, (ALT PN AN505B6R5)	2	A
- 34	MS35058-22	SWITCH, (ALT PN AN3021-2)	13	A
- 35	MS35058-27	SWITCH, (ALT PN AN3021-7)	4	A
- 36	MS25102-22	SWITCH, (ALT PN AN3022-2B)	1	A
		(ATTACHING PARTS)		
- 37	MS35198-24	SCREW, (ALT PN AN505B6R5)	2	A
- 38	MS25224-2	GUARD, (ALT PN AN3028-2)	1	A
	520CD9258	EQUIPMENT ASSY, PILOT OVERHEAD INSTRUMENT PANEL RH (SEE FIG. 165 FOR NHA)	REF	A
- 39	520CH9257	PANEL	1	A
- 40	MS24332M1	VOLTMETER, (ALT PN AN3202-1)	1	A
		(ATTACHING PARTS)		
- 41	MS35214-29	SCREW, (ALT PN AN515B6R12)	4	A
- 42	NO NUMBER	METER, AC FREQUENCY (TYPE A1) (GFAE)	1	A
		(ATTACHING PARTS)		
- 43	MS35214-29	SCREW, (ALT PN AN515B6R12)	4	A
- 44	MS25102-27	SWITCH, (ALT PN AN3022-7)	1	A
		(ATTACHING PARTS)		
- 45	MS35198-27	SCREW, (ALT PN AN505B6R8)	2	A
- 46	MS25002-2	SWITCH, (ALT PN AN3211-2)	1	A

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
167 - 47	AN3220-2	KNOB	1	A
- 48	MS25331-6	LIGHT, (ALT PN AN3157-6)	4	A
- 49	MS25331-8	LIGHT, (ALT PN AN3157-8)	2	A
	54D21305	PANEL, NAVIGATION RADIO CONTROL AND SWITCH	REF	A
		(SEE FIG. 165 FOR NHA)		
- 50	54D21306	BRACKET, MOUNTING	1	A
- 51	C866/ARN21	CONTROL, (GFAE)	1	A
- 52	MS35058-23	SWITCH, (ALT PN AN3021-3)	1	A
		A 528 THRU 541		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

FIG. & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
167A-	69EC1100	INSTALLATION DRAWING, Control Panel Modification	NP	A
	69EC1200	MODIFICATION CONTROL PANEL	NP	A
-1	520CF9233	. PANEL	REF	A
		(ATTACHING PARTS)		
-2	MS35206-24	. SCREW	20	A
		---*---		
-3	69EC1301	. CHANNEL	1	A
		(ATTACHING PARTS)		
-4	MS20426AD4-4	. RIVET	2	A
		---*---		
-5	69EC1302-1	. ANGLE	2	A
		(ATTACHING PARTS)		
-6	MS20426AD4-3	. RIVET	5	A
-7	MS20426AD4-4	. RIVET	5	A
		---*---		
-8	69EC1304-2	. DZUS ANGLE, Attach	4	A
		(ATTACHING PARTS)		
-9	MS20470AD3-5	. RIVET	4	A
		---*---		
-10	69EC1305	. CHANNEL	1	A
-11	69EC1306	. SPACER	1	A
-12	MS21048L08	. NUTPLATE	20	
		(ATTACHING PARTS)		
-13	MS20426AD3-5	. RIVET	2	A
		---*---		
	69EC1101	RELOCATION DRAWING, Marker Beacon Switch	NP	A
-14	69EC1300	. NAMEPLATE	1	A
	69EC1102	RELOCATION DRAWING, C-512/A Control	NP	A
	69EC1201	MODIFICATION, Panel, left side	NP	A
-15	520CH9250	. PANEL	REF	A
-16	69EC1302-2	. ANGLE	2	A
-17	69EC1303	. SHIM	1	A
		(ATTACHING PARTS)		
-18	MS20426AD4-4	. RIVET	3	A
		---*---		
-19	69EC1304-1	. DZUS ANGLE, Attach	2	A
		(ATTACHING PARTS)		
-20	MS20470AD3-5	. RIVET	3	A
		---*---		
-21	MS25068-23	. SWITCH, Toggle	1	A
-22	69EC7302-1	. NAMEPLATE	1	A
		(ATTACHING PARTS)		
-23	MS35206-228	. SCREW	2	A
		---*---		
-24	69EC7302-2	. NAMEPLATE	1	A

A Serial numbers 43-48783, 43-48902, and 43-49029

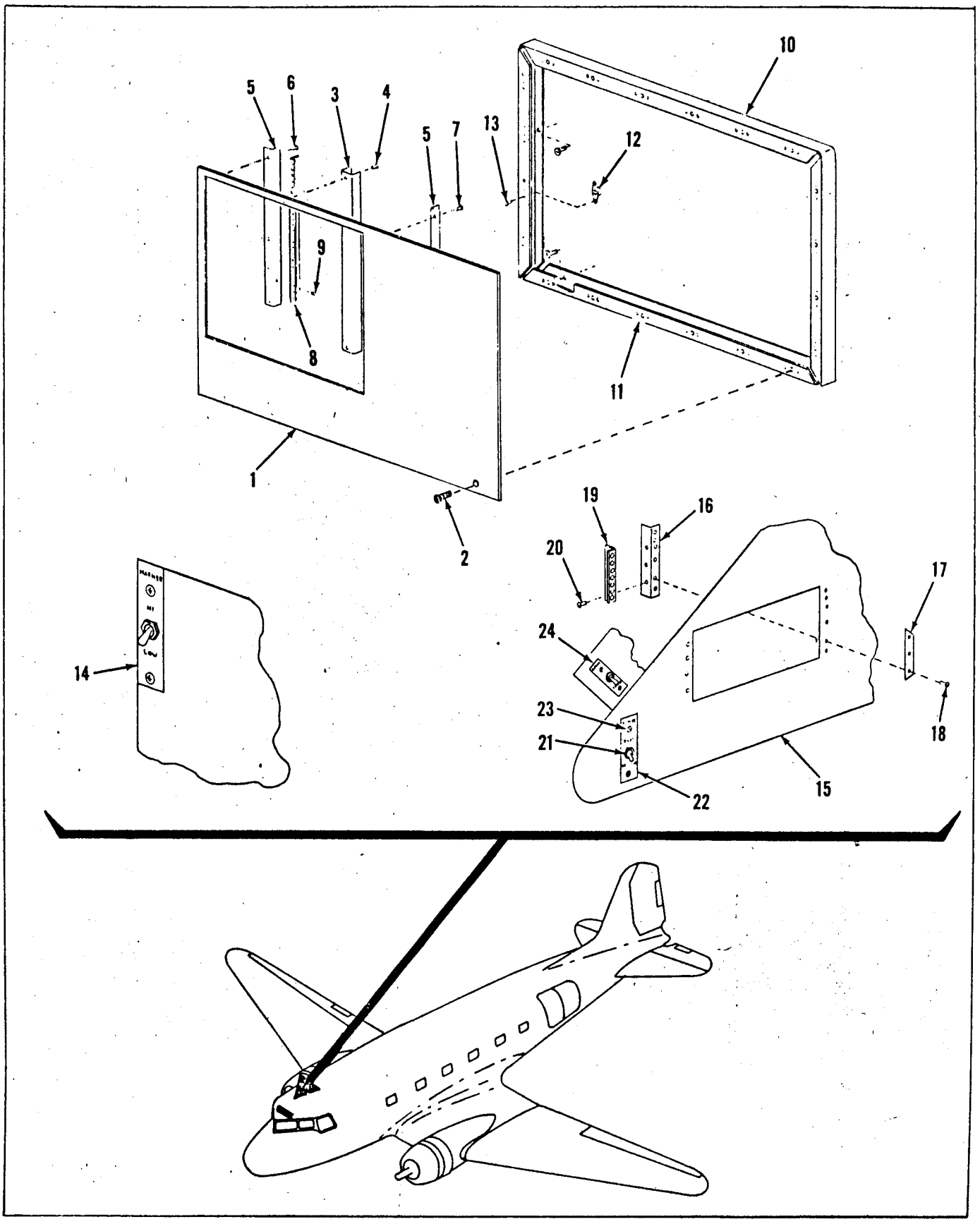


Figure 167A. Control Panel Modification

FIG. & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
167B-	69EC1000	ELECTRONICS EQUIPMENT, Master Installation	NP	A
	69EC2000	WILCOX-807, Master Installation	NP	A
	69EC2101	INSTALLATION DRAWING, Wilcox VHF Antenna . . .	NP	A
-1	37R2	. ANTENNA (13499)	1	A
		(ATTACHING PARTS)		
-2	MS24694-64	. SCREW	6	A
		---*---		
-3	66PA1240	. DOUBLER	1	A
		(ATTACHING PARTS)		
-4	MS20470AD4-7	. RIVET	25	A
-5	MS20470AD4-5	. RIVET	50	A
-6	MS20470AD4-6	. RIVET	18	A
		---*---		
	69EC2102	INSTALLATION DRAWING, Wilcox 807 VHF Transceiver . . .	NP	A
-7	69EC2300	. PLACARD	1	A
		(ATTACHING PARTS)		
-8	MS20470AD3-4	. RIVET	2	A
		---*---		
-9	97607-101	. TRANSCEIVER (65597)	1	A
-10	88245	. MOUNT (65597)	1	A
		(ATTACHING PARTS)		
-11	MS21042-3	. NUT	16	A
-12	AN960-10	. WASHER	16	A
-13	MS35207-267	. SCREW	16	A
		---*---		
	69EC2103	INSTALLATION DRAWING, Wilcox 807 Circuit Breaker . . .	NP	A
-14	MS25017-10	. CIRCUIT BREAKER	1	A
-15	69EC6303-9	. NAME PLATE	1	A
		(ATTACHING PARTS)		
-16	MS35206-227	. SCREW	2	A
		---*---		
	69EC2104	INSTALLATION DRAWING, Wilcox 807 Control . . .	NP	A
-17	97733-100	. CONTROL	1	A
	69EC2200	. Wiring Harness	1	A
	69EC2201	. Wiring Harness	1	A

A Serial numbers 43-48783, 43-48902, and 43-49029

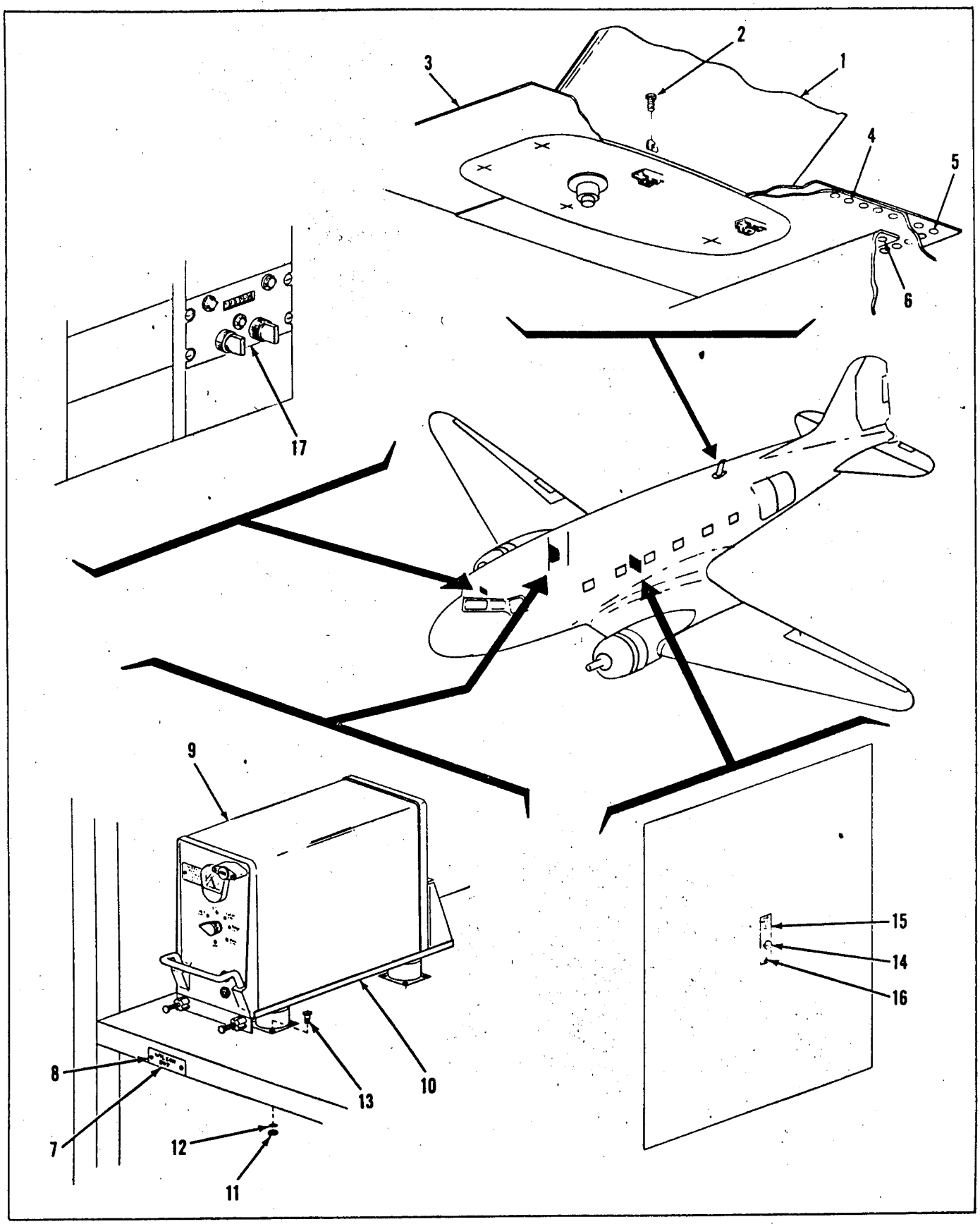


Figure 167B. Wilcox 807 VHF Communication Equipment

FIG. & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
167C-	69EC3000	FM-622A, MASTER INSTALLATION	NP	A
	66PA4023	INSTALLATION DRAWING, FM-622A Antenna .	NP	A
-1	66PA4021	. DOUBLER	1	A
-2	66PA4022	. ANGLE	2	A
-3	709151-801	. COUPLER (37695)	1	A
-4	709226-901	. ANTENNA (37695)	1	A
	69EC3101	INSTALLATION DRAWING, FM-622A Transceiver	NP	A
-5	69EC3300	. PLACARD	1	A
		(ATTACHING PARTS)		
-6	MS20470AD3-4	. RIVET	2	A
		---*---		
-7	709149-801	. TRANSCEIVER (37695)	1	A
-8	709116-801	. MOUNT (37695)	1	A
		(ATTACHING PARTS)		
-9	MS21042-08	. NUT	4	A
-10	AN960-8	. WASHER	4	A
-11	MS35206-249	. SCREW	4	A
		---*---		
	69EC3102	INSTALLATION DRAWING, FM622A Circuit Breaker	NP	A
-12	MS25017-10	. CIRCUIT BREAKER	1	A
-13	69EC6303-4	. NAMEPLATE	1	A
		(ATTACHING PARTS)		
-14	MS35206-227	. SCREW	2	A
		---*---		
	69EC3103	INSTALLATION DRAWING, FM-622A Control	NP	A
-15	709150-801	. CONTROL	1	A
	69EC3200	. Wiring Harness	1	A
	69EC3201	. Wiring Harness	1	A
	69EC3202	. Wiring Harness	1	A
	69EC3203	. RF Cable Assembly	1	A

A Serial numbers 43-48783, 43-48902, and 43-49029

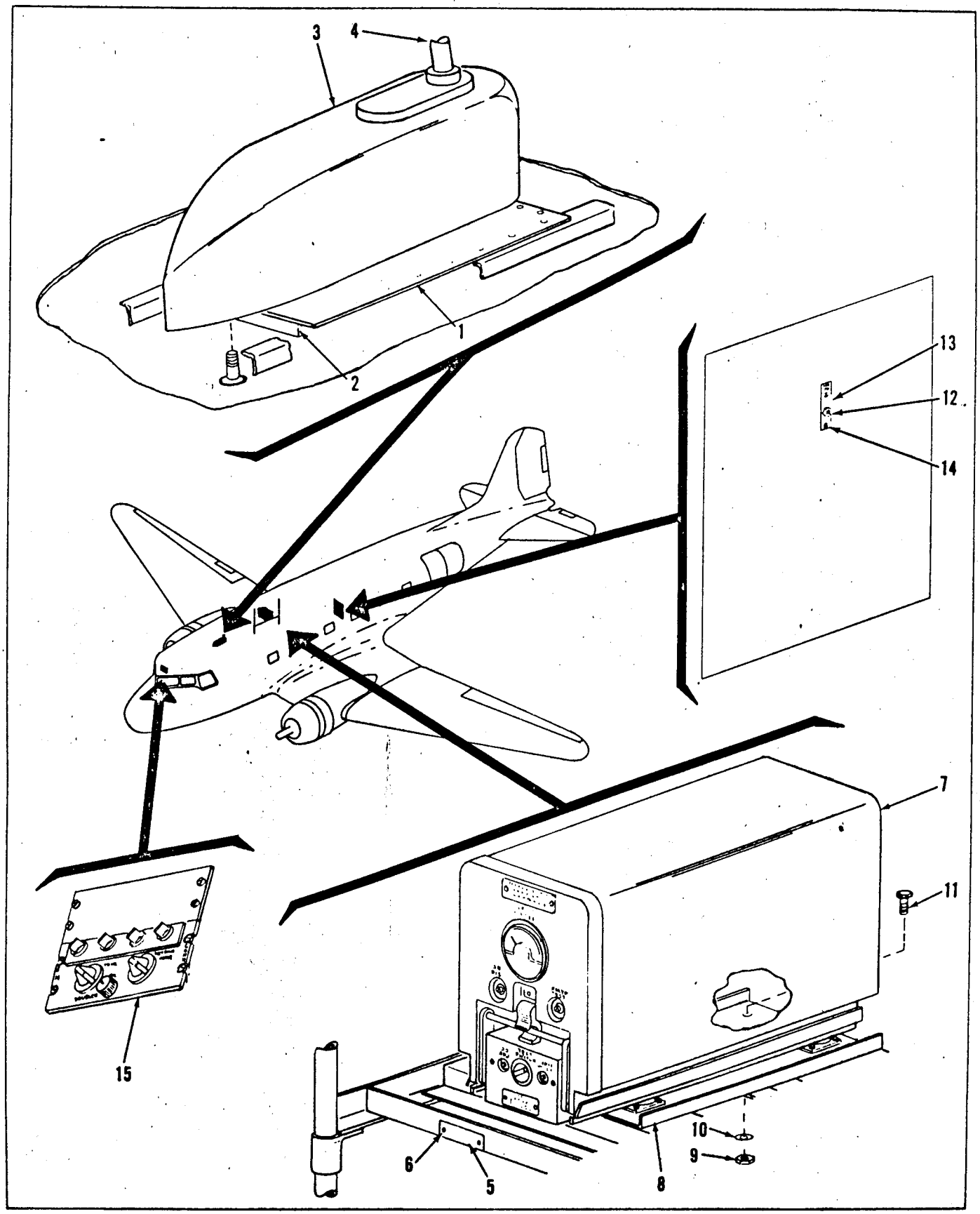


Figure 167C. FM-622A Communication System

FIG. & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
167D-	69EC4000	HF-103 MASTER INSTALLATION	NP	A
	69EC4101	INSTALLATION DRAWING, Doubler . . .	NP	A
-1	69EC4301	. DOUBLER	1	A
-2	69EC4302	. DOUBLER	1	A
		(ATTACHING PARTS)		
-3	MS20470AD4-4	. RIVET	16	A
-4	MS20470AD4-5	. RIVET	5	A
		---*---		
	69EC4102	. INSTALLATION DRAWING, Mast and Lightning Arrester . .	NP	A
-5	69EC4303	. DOUBLER	1	A
		(ATTACHING PARTS)		
	MS20470AD4-6	. RIVET	40	A
	MS20470AD4-7	. RIVET	12	A
		---*---		
	69EC4304	. MOUNT, Antenna	1	A
		(ATTACHING PARTS)		
	MS20470AD4-5	. RIVET	21	A
		---*---		
-6	AB620A/A	. MAST (80058)	1	A
		(ATTACHING PARTS)		
-7	MS24693-276	. SCREW	8	A
		---*---		
-8	60C93029	. LIGHTNING ARRESTER (00354)	1	A
		(ATTACHING PARTS)		
-9	QS100-M64	. CLAMP (08484)	1	A
		---*---		
	69EC4103	INSTALLATION DRAWING, HF103 Transceiver and Tuner	NP	A
-10	69EC4300	. PLACARD	2	A
		(ATTACHING PARTS)		
-11	MS20470AD3-4	. RIVET	2	A
		---*---		
-12	618T-3	. TRANSCEIVER (13499)	1	A
-13	390V-1	. MOUNT (13499)	1	A
		(ATTACHING PARTS)		
-14	MS21042-3	. NUT	16	A
-15	AN960-10	. WASHER	16	A
-16	MS35207-267	. SCREW	16	A
		---*---		
-17	1806-3	. ANTENNA TUNER (02413)	1	A
-18	350D-3	. MOUNT (13499)	1	A
		(ATTACHING PARTS)		
	MS21042-3	. NUT	16	A
	AN960-10	. WASHER	16	A
	MS35207-267	. SCREW	16	A
		---*---		
	69EC4104	INSTALLATION DRAWING, HF-103. Circuit Breakers	NP	A
-19	MS25017-5	. CIRCUIT BREAKER	1	A
-20	MS25017-10	. CIRCUIT BREAKER	1	A
-21	MS25017-50	. CIRCUIT BREAKER	1	A
-22	69EC6303-2	. NAMEPLATE	1	A
-23	69EC6303-3	. NAMEPLATE	1	A
-24	69EC6303-11	. NAMEPLATE	1	A
		(ATTACHING PARTS)		
-25	MS35206-227	. SCREW	2	A
		---*---		
	69EC4105	RELOCATION DRAWING, AN/ARC-3 Antenna . . .	NP	A

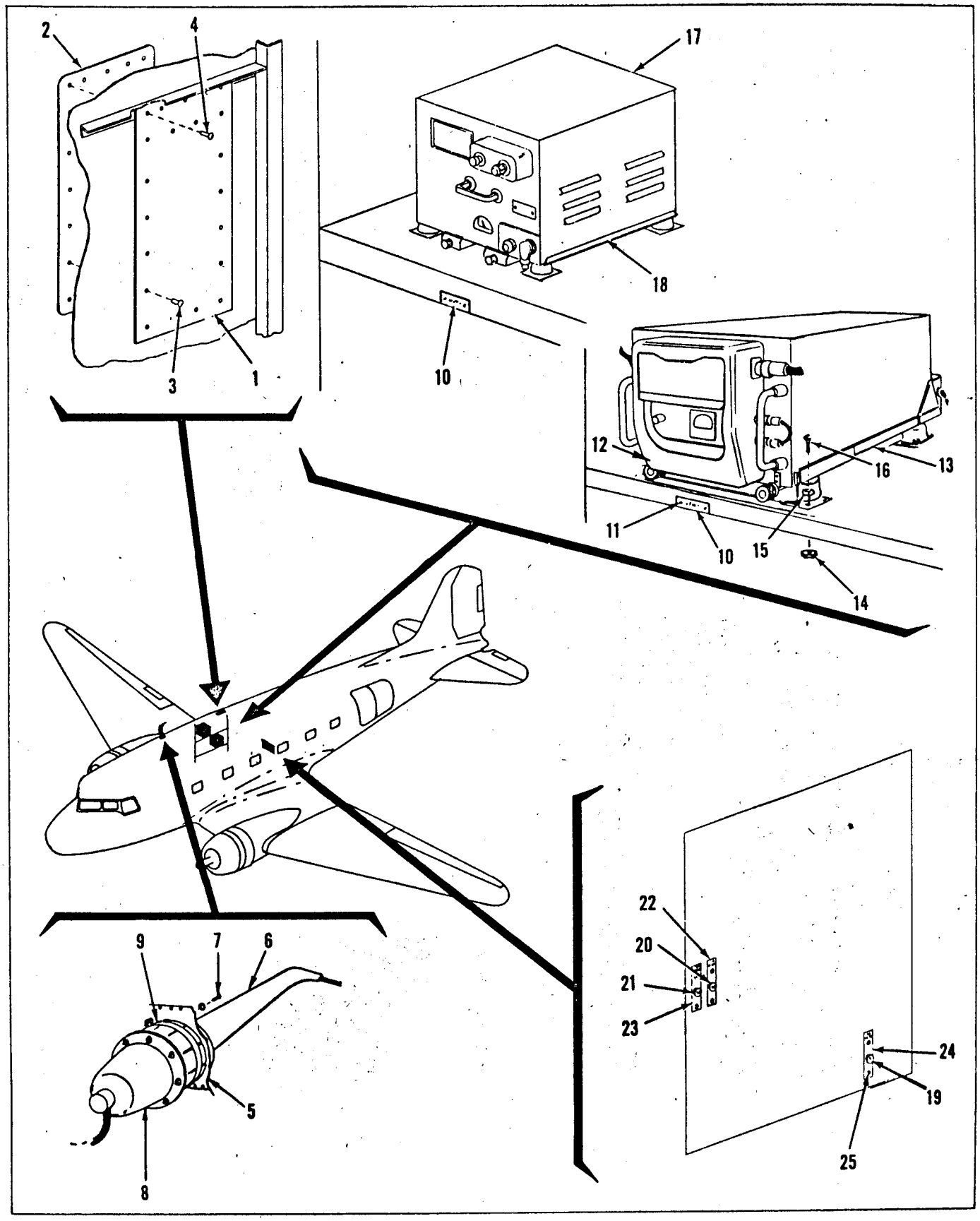


Figure 167D. HF-103 Communication System (Sheet 1 of 2)

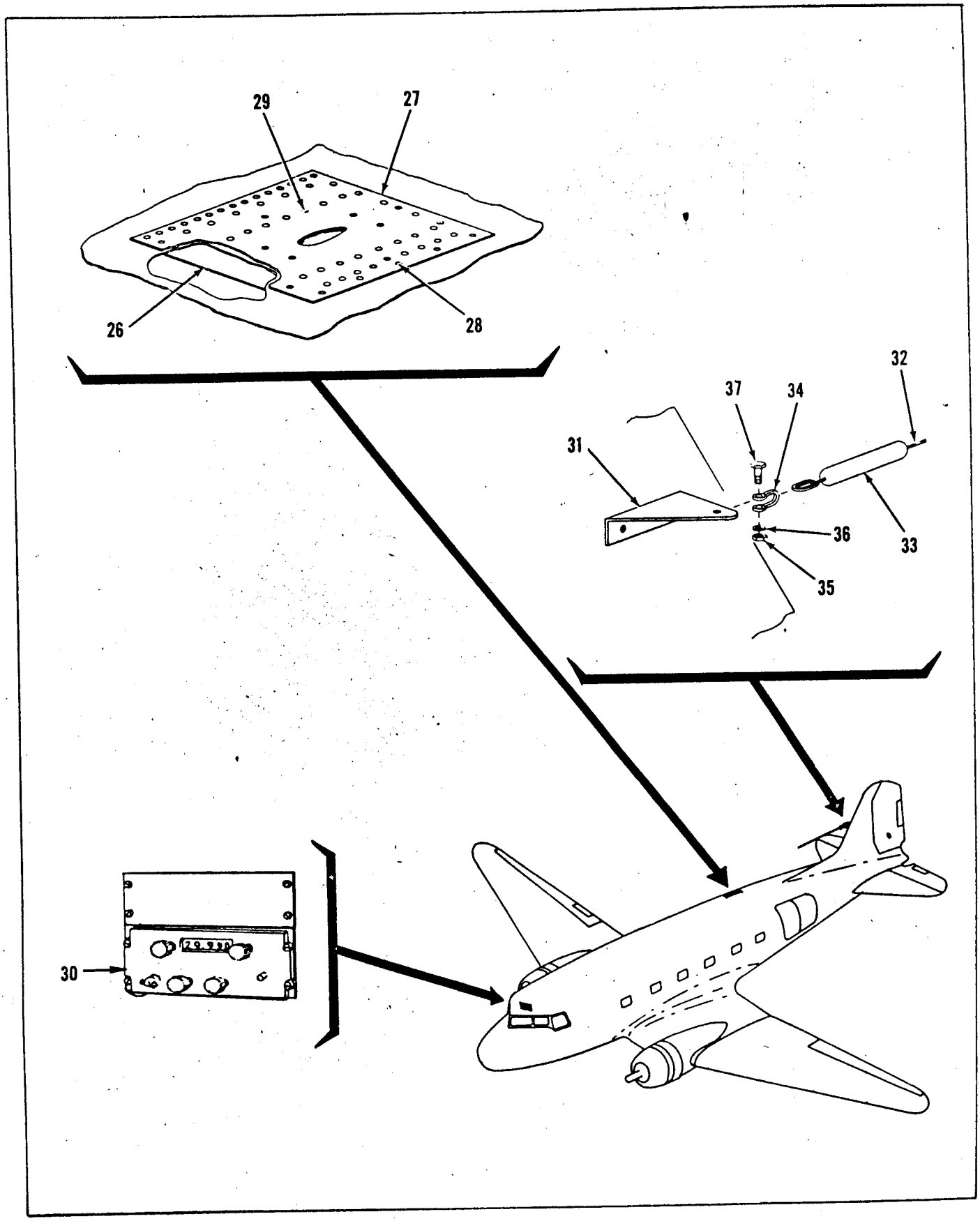


Figure 167D. HF-103 Communication System (Sheet 2 of 2)

FIG. & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
167D-				
-26	69EC4305	. DOUBLER	1	A
-27	69EC4307	. DOUBLER	1	A
		(ATTACHING PARTS)		
-28	MS20470AD4-5	. RIVET	33	A
-29	MS20470AD4-6	. RIVET	31	A
		---*---		
	69EC4106	INSTALLATION DRAWING, HF-103 Control	NP	A
-30	714E-2	. CONTROL	1	A
	69EC4107	INSTALLATION DRAWING, HF-103 Long Wire Antenna	NP	A
-31	69EC4306	. CLIP	1	A
-32	WS-S/U	. WIRE	AR	A
-33	ARM300-12CS	. INSULATOR	1	A
-34	MS20115-8	. SHACKLE, Cable	1	A
		(ATTACHING PARTS)		
-35	MS27042-08	. NUT	1	A
-36	AN960-8	. WASHER	1	A
-37	MS35206-249	. SCREW	1	A
		---*---		
	69EC4200	. Wiring Harness	1	A
	69EC4201	. Wiring Harness	1	A
	69EC4202	. Coaxial Cable	1	A

A Serial numbers 43-48783, 43-48902, and 43-49029

FIG. & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
167E-	69EC5000	AN/APX-25 MASTER INSTALLATION . .	NP	A
	69EC5101	INSTALLATION DRAWING, AN/APX-25 . .	NP	A
		Circuit Breaker		
-1	MS25017-5	. CIRCUIT BREAKER	2	A
-2	69EC6303-6	. NAMEPLATE	1	A
-3	69EC6303-5	. NAMEPLATE	1	A
		(ATTACHING PARTS)		
-4	MS35206-227	. SCREW	2	A
		---*---		
	69EC5102	INSTALLATION DRAWING, APX-25 . . .	NP	A
		Transponder		
-5	69EC5300	. PLACARD	1	A
-6	69EC5301	. PLACARD	1	A
		(ATTACHING PARTS)		
-7	MS20470AD3-4	. RIVET	2	A
		---*---		
-8	KY-95/APX-25	. TRANSPONDER (80058)	1	A
-9	MT-1151/APX-25	. MOUNT (80058)	1	A
		(ATTACHING PARTS)		
	MS21042-3	. NUT	8	A
	AN960-10	. WASHER	8	A
	MS35207-267	. SCREW	8	A
		---*---		
-10	RT-279/APX-25	. TRANSCEIVER (80058)	1	A
	F-245/APX-25	. FILTER (80058)		
		(ATTACHING PARTS)		
	MS21042-08	. NUT	4	A
	AN960-8	. WASHER	4	A
	MS3506-245	. SCREW	4	A
		---*---		
	69EC5103	INSTALLATION DRAWING, AN/APX-25 . .	NP	A
		Control		
-11	C-1128/APX-25	. CONTROL	1	A
-12	C-1158/APX-25	. CONTROL	1	A
	55B20302	. BLANK-OFF PLATE	2	A
	69EC5200	. Wiring Harness	1	A
	69EC5201	. Wiring Harness	1	A
	69EC5202	. Wiring Harness	1	A
	69EC5203	. Wiring Harness	1	A
	69EC5204	. Wiring Harness	1	A
	69EC5205	. Wiring Harness	1	A
	69EC5206	. Wiring Harness	1	A

A Serial numbers 43-48783, 43-48902, and 43-49029

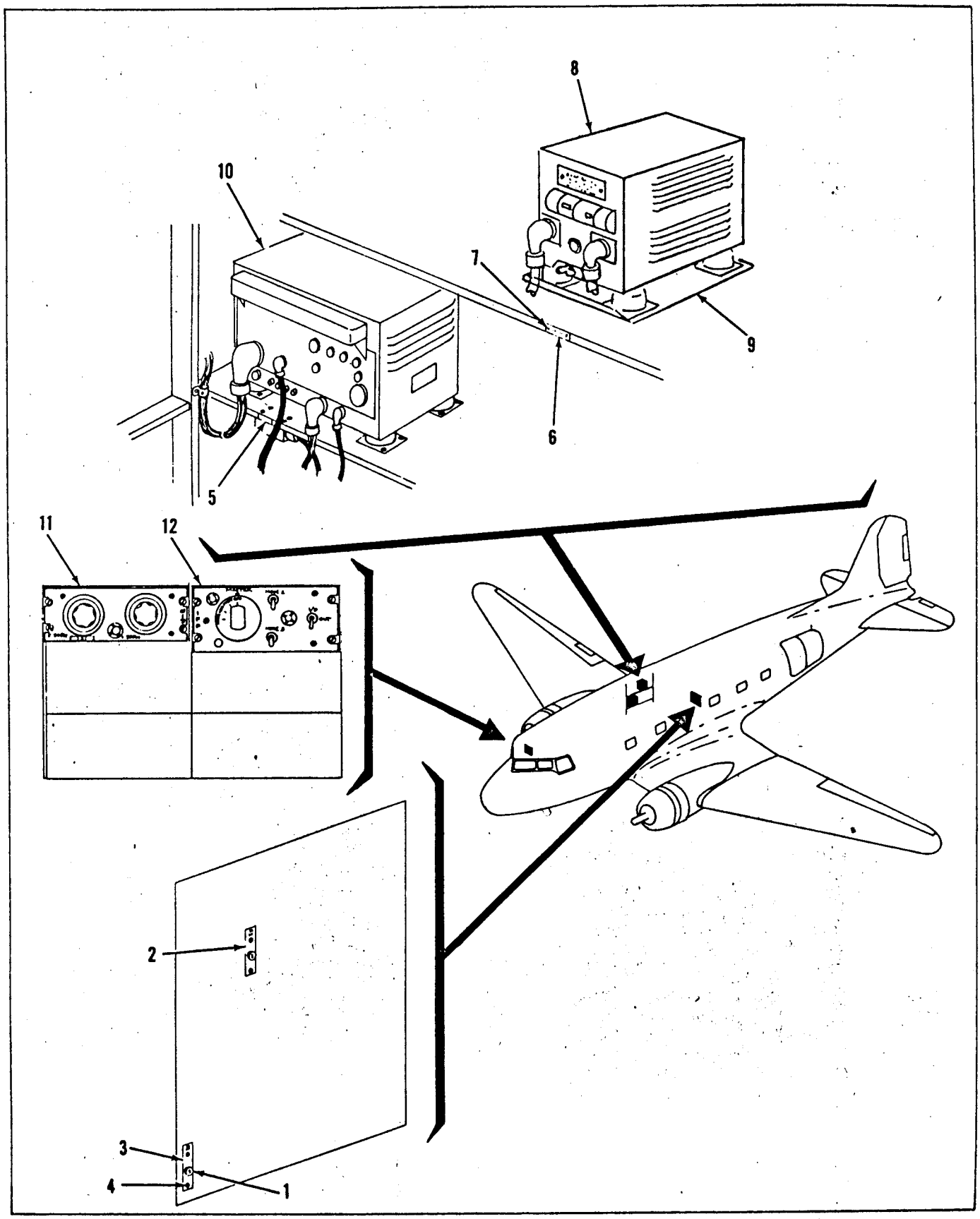


Figure 167E. IFF/SIF Radar Identification System, AN/APX-25

FIG. & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
167F-				
	69EC6000	AN/AIC-10A, MASTER INSTALLATION . . .	NP	A
	69EC6101	INSTALLATION DRAWING, AN/AIC-10A . . Pilot and co-pilot stations	NP	A
-1	62D44619	. BRACKET	2	A
		(ATTACHING PARTS)		
-2	MS27039-1-08	. SCREW	4	A
-3	AN960-10	. WASHER.	4	A
		---*---		
-4	C-826/AIC-10	. CONTROL (89322).	2	A
-5	C-824A/AIC-10	. CONTROL (89322).	2	A
-6	68GM1005	. SKIRT.	2	A
-7	69EC6300-1	. STRIP, AN/AIC-10	2	A
-8	69EC6300-2	. STRIP, AN/AIC-10	2	A
		(ATTACHING PARTS)		
-9	MS35214-14	. SCREW	1	A
		---*---		
-10	62B44620	. FILLER PLATE	2	A
	69EC6200	. WIRING HARNESS ASSEMBLY	1	A
	69EC6201	. WIRING HARNESS ASSEMBLY	1	A
-11	62B44621	. . PLATE, Filler	2	A
-12	65AM1056	. . BOARD, Terminal	2	A
		(ATTACHING PARTS)		
-13	MS1044B04	. . NUT	2	A
	AN936B4	. . WASHER.	2	A
	MS35206-217	. . SCREW	2	A
		---*---		
-14	WM-85/U	. . CABLE ASSEMBLY (81349)	2	A
-15	U-94A/U	. . JACK (80058)	2	A
	MS3057-12A	. . SHELL, Junction	2	A
	MS3057-16A	. . SHELL, Junction	2	A
	MS3057-10A	. . SHELL, Junction	2	A
	MS3106R22-14S	. . PLUG, Electrical.	2	A
	MS3106R24-28S	. . PLUG, Electrical.	2	A
	MS3106R18-1S	. . PLUG, Electrical.	2	A
		---*---		
	69EC6102	INSTALLATION DRAWING, Instructor pilot's . station	NP	A
-16	66PA2037	. BRACKET	1	A
		(ATTACHING PARTS)		
-17	AN960-10	. WASHER.	4	A
-18	MS27039-1-09	. SCREW	4	A
		---*---		
-19	C-826/AIC-10	. CONTROL (89322)	1	A
-20	C-824A/AIC-10	. CONTROL (89322)	1	A
-21	65AM1059	. SKIRT.	1	A
-22	69EC6300-1	. STRIP, AN/AIC-10	1	A
-23	69EC6300-2	. STRIP, AN/AIC-10	1	A
		(ATTACHING PARTS)		
-24	MS35214-14	. SCREW	1	A
		---*---		
-25	62B44620	. FILLER PLATE	1	A
	69EC6202	. WIRING HARNESS ASSEMBLY	1	A
-26	62B44621	. . PLATE, Filler	1	A
-27	65AM1056	. . BOARD, Terminal	1	A
		(ATTACHING PARTS)		
-28	MS1044B04	. . NUT	2	A
	AN936B4	. . WASHER.	2	A
	MS35206-217	. . SCREW	2	A
		---*---		
-29	WM-85/U	. . CABLE ASSEMBLY (81349)	1	A

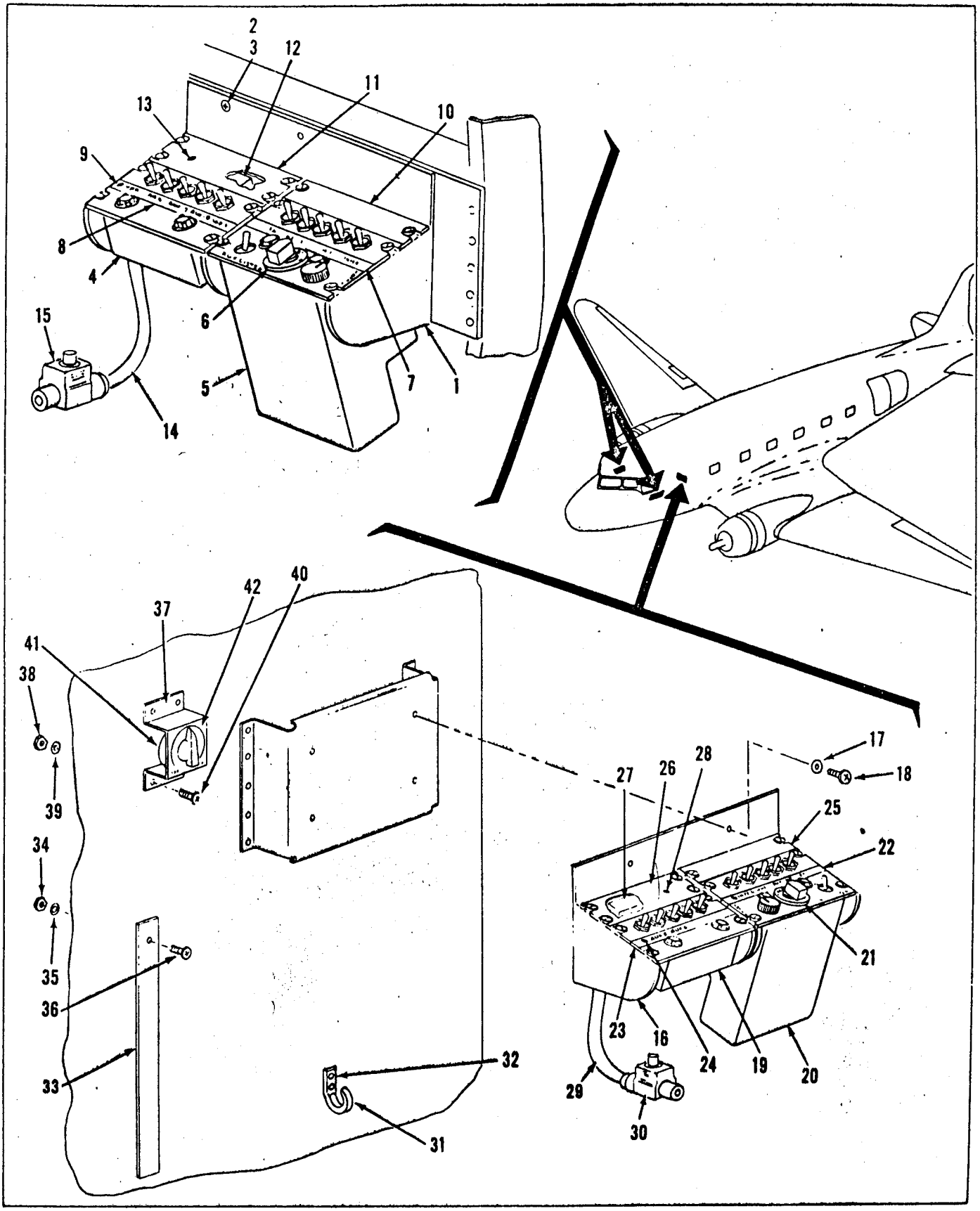


Figure 167F. Intercommunication System, AN/AIC-10A (Sheet 1 of 3)

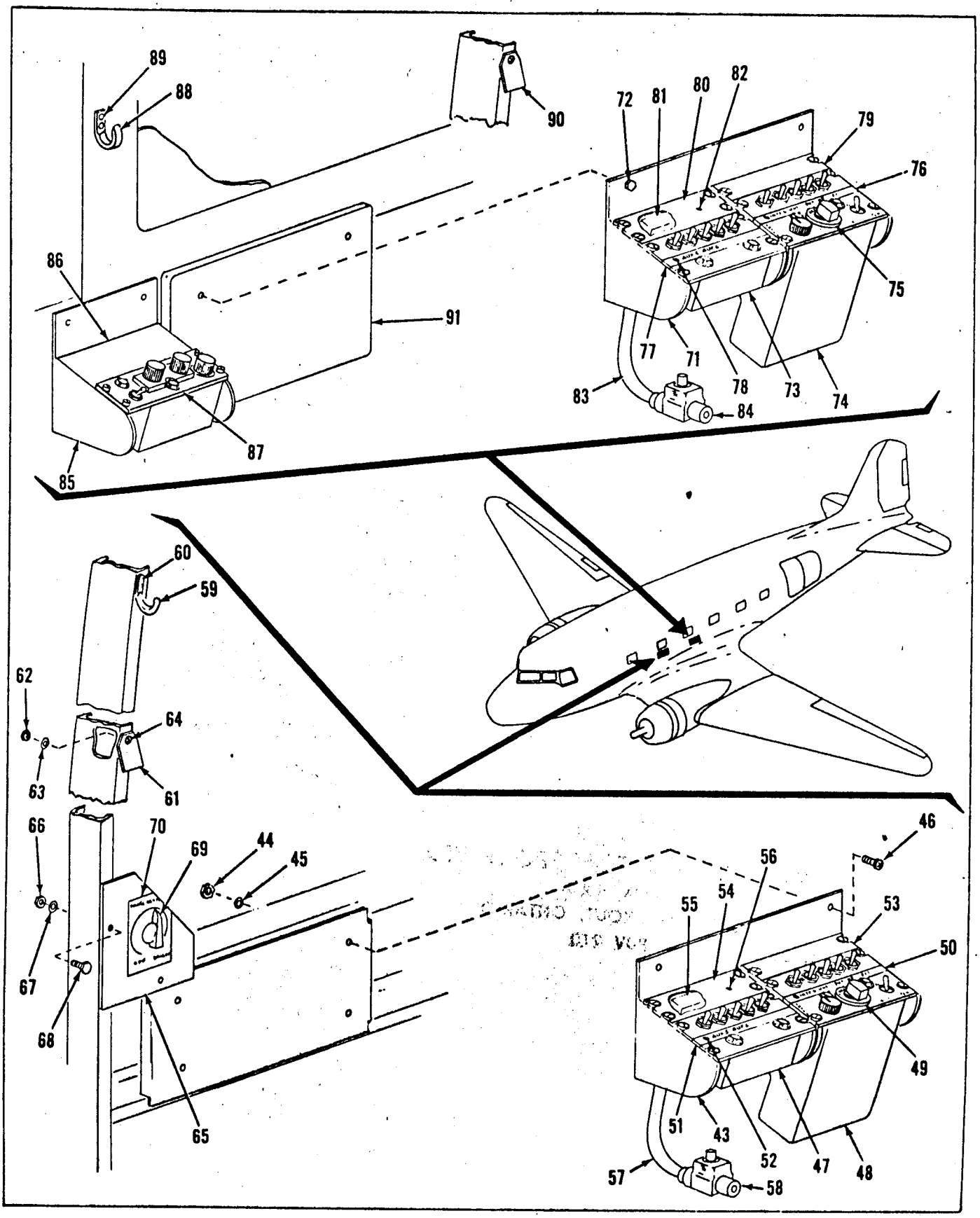


Figure 167F. Intercommunication System, AN/AIC-10A (Sheet 2 of 3)

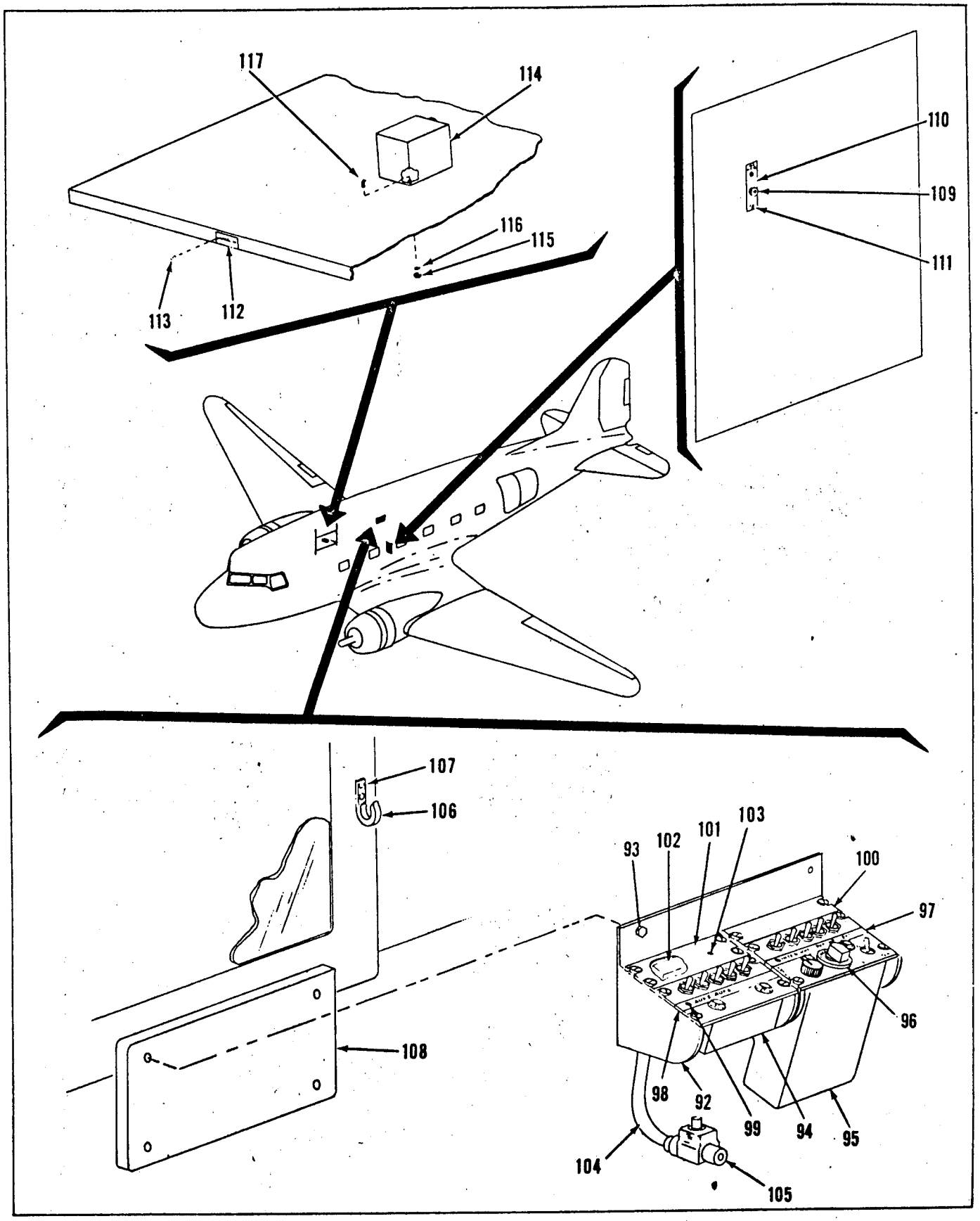


Figure 167F. Intercommunication System, AN/AIC-10A (Sheet 3 of 3)

FIG. & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
167F-				
-30	U-94A/U	. . JACK (80058)	1	A
	MS3057-12A	. . SHELL, Junction	1	A
	MS3057-16A	. . SHELL, Junction	1	A
	MS3057-10A	. . SHELL, Junction	1	A
	MS3106R22-14S	. . PLUG, Electrical.	1	A
	MS3106R24-28S	. . PLUG, Electrical.	1	A
	MS3106R18-1S	. . PLUG, Electrical.	1	A
-31	1146898	. HOOK (18355)	1	A
		(ATTACHING PARTS)		
-32	MS20470AD4-5	. RIVET	2	A
		---*---		
-33	68EG1117	. STRAP ASSEMBLY	1	A
		(ATTACHING PARTS)		
-34	MS21042-3	. NUT	1	A
-35	AN960-10	. WASHER.	1	A
-36	MS35207-264	. SCREW	1	A
		---*---		
-37	69EC6305	. HAT CHANNEL	1	A
		(ATTACHING PARTS)		
-38	MS21042-3	. NUT	4	A
-39	AN960-10	. WASHER.	4	A
-40	MS35207-264	. SCREW	4	A
		---*---		
-41	AN3155-25-50	. RHEOSTAT.	1	A
-42	66PA1386-4	. DECAL	1	A
	69EC6103	INSTALLATION DRAWING, AN/AIC-10A	NP	A
		Navigator's station		
-43	66PA2037	. BRACKET	1	A
		(ATTACHING PARTS)		
-44	MS21042-3	. NUT	4	A
-45	AN960-10	. WASHER.	4	A
-46	MS27039-1-09	. SCREW	4	A
		---*---		
-47	C-826/AIC-10	. CONTROL (89322)	1	A
-48	C-824A/AIC-10	. CONTROL (89322)	1	A
-49	65AM1059	. SKIRT.	1	A
-50	69EC6300-1	. STRIP, AN/AIC-10	1	A
-51	69EC6300-2	. STRIP, AN/AIC-10	1	A
		(ATTACHING PARTS)		
-52	MS35214-14	. SCREW	1	A
		---*---		
-53	62B44620	. FILLER PLATE	1	A
	69EC6203	. WIRING HARNESS ASSEMBLY	1	A
-54	62B44621	. . PLATE, Filler.	1	A
-55	65AM1056	. . BOARD, Terminal	1	A
		(ATTACHING PARTS)		
-56	MS1044B04	. . NUT	2	A
	AN936B4	. . WASHER.	2	A
	MS35206-217	. . SCREW	2	A
		---*---		
-57	WM-85/U	. . CABLE ASSEMBLY (81349)	1	A
-58	U-94A/U	. . JACK (80058)	1	A
	MS3057-12A	. . SHELL, Junction	1	A
	MS3057-16A	. . SHELL, Junction	1	A
	MS3057-10A	. . SHELL, Junction	1	A
	MS3106R22-14S	. . PLUG, Electrical.	1	A
	MS3106R24-28S	. . PLUG, Electrical.	1	A
	MS3106R18-1S	. . PLUG, Electrical.	1	A
-59	1146898	. HOOK (18355)	1	A

FIG. & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
167F-		(ATTACHING PARTS)		
-60	MS20470AD4-5	. RIVET	2	A
		---*---		
-61	66PA1444	. STRAP	1	A
		(ATTACHING PARTS)		
-62	MS21042-3	. NUT	1	A
-63	AN960-10	. WASHER.	1	A
-64	MS27039-1-08	. SCREW	1	A
		---*---		
-65	69EC6304	. BRACKET	1	A
		(ATTACHING PARTS)		
-66	MS21042-3	. NUT	2	A
-67	AN960-10	. WASHER.	2	A
-68	AN3-5A	. BOLT.	2	A
		---*---		
-69	AN3155-25-50	. RHEOSTAT.	1	A
-70	66PA1386-4	. DECAL	1	A
	69EC6104	INSTALLATION DRAWING, AN/AIC-10A	NP	A
		Data recorder's station		
-71	66PA2037	. BRACKET	1	A
		(ATTACHING PARTS)		
-72	NO NUMBER	. SCREW P.K. TYPE A (45722)	4	A
		---*---		
-73	C-826/AIC-10	. CONTROL (89322)	1	A
-74	C-824A/AIC-10A	. CONTROL (89322)	1	A
-75	65AM1059	. SKIRT.	1	A
-76	69EC6300-1	. STRIP, AN/AIC-10	1	A
-77	69EC6300-2	. STRIP, AN/AIC-10	1	A
		(ATTACHING PARTS)		
-78	MS35214-14	. SCREW	1	A
		---*---		
-79	62B44620	. FILLER PLATE	1	A
	69EC6205	. WIRING HARNESS ASSEMBLY	1	A
-80	62B44621	. . PLATE, Filler	1	A
-81	65AM1056	. . BOARD, Terminal	1	A
		(ATTACHING PARTS)		
-82	MS1044B04	. . NUT	2	A
	AN936B4	. . WASHER.	2	A
	MS35206-217	. . SCREW	2	A
		---*---		
-83	WM-85/U	. . CABLE ASSEMBLY (81349)	1	A
-84	U-94A/U	. . JACK (80058)	1	A
	MS3057-12A	. . SHELL, Junction	1	A
	MS3057-16A	. . SHELL, Junction	1	A
	MS3057-10A	. . SHELL, Junction	1	A
	MS3106R22-14S	. . PLUG, Electrical.	1	A
	MS3106R24-28S	. . PLUG, Electrical.	1	A
	MS3106R18-1S	. . PLUG, Electrical.	1	A
-85	66PA5073	. BRACKET	1	A
-86	62B44621	. FILLER PLATE	1	A
-87	C-866/ARN-21	. CONTROL (89322)	1	A
-88	1146898	. HOOK (18355)	1	A
		(ATTACHING PARTS)		
-89	MS20600AD4W6	. RIVET	2	A
		---*---		
-90	66PA1444	. STRAP	1	A
-91	69EC6306	. SPACER.	1	A
	520CC9432	. BRACKER	REF	A
		(ATTACHING PARTS)		
	NO NUMBER	. SCREW P.K. TYPE A (45722)	4	A
		---*---		

FIG. & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
167F-	69EC6105	INSTALLATION DRAWING, AN/AIC-10A . . Radio operator's station	NP	A
-92	66PA2037	. BRACKET . . . . . (ATTACHING PARTS)	1	A
-93	NO NUMBER	. SCREW P.K. TYPE A (45722). . . . . ---*---	4	A
-94	C-826/AIC-10	. CONTROL (89322).	1	A
-95	C-824A/AIC-10	. CONTROL (89322).	1	A
-96	65AM1059	. SKIRT.	1	A
-97	69EC6300-1	. STRIP, AN/AIC-10	1	A
-98	69EC6300-2	. STRIP, AN/AIC-10 . . . . . (ATTACHING PARTS)	1	A
-99	MS35214-14	. SCREW . . . . . ---*---	1	A
-100	62B44620	. FILLER PLATE	1	A
	69EC6204	. WIRING HARNESS ASSEMBLY	1	A
-101	62B44621	. . PLATE, Filler	1	A
-102	65AM1056	. . BOARD, Terminal . . . . . (ATTACHING PARTS)	1	A
-103	MS1044B04	. . NUT	2	A
	AN936B4	. . WASHER.	2	A
	MS35206-217	. . SCREW . . . . . ---*---	2	A
-104	WM-85/U	. . CABLE ASSEMBLY (81349)	1	A
105	U-94A/U	. . JACK (80058)	1	A
	MS3057-12A	. . SHELL, Junction	1	A
	MS3057-16A	. . SHELL, Junction	1	A
	MS3057-10A	. . SHELL, Junction	1	A
	MS3106R22-14	. . PLUG, Electrical.	1	A
	MS3106R24-28S	. . PLUG, Electrical.	1	A
	MS3106R18-1S	. . PLUG, Electrical.	1	A
-106	1146898	. HOOK (18355) . . . . . (ATTACHING PARTS)	1	A
-107	MS20600AD4W6	. RIVET . . . . . ---*---	2	A
	66PA1444	. STRAP	1	A
-108	69EC6306	. SPACER.	1	A
	520CC9432	. BRACKET . . . . . (ATTACHING PARTS)	REF	A
	NO NUMBER	. SCREW P.K. TYPE A (45722). . . . . ---*---	2	A
	69EC6106	INSTALLATION DRAWING, AIC-10 Circuit breaker . .	NP	A
-109	MS25017-10	. CIRCUIT BREAKER	1	A
-110	69EC6303-1	. NAME PLATE. . . . . (ATTACHING PARTS)	1	A
-111	MS35206-227	. SCREW . . . . . ---*---	2	A
	69EC6107	INSTALLATION DRAWING, AIC-10 Relay . .	NP	A
-112	69EC6302	. PLACARD . . . . . (ATTACHING PARTS)	1	A
-113	MS20470AD3-4	. RIVET . . . . . ---*---	2	A
-114	RE-94/AIC-10	. RELAY (80059). . . . . (ATTACHING PARTS)	1	A
-115	MS21042-3	. NUT	4	A
-116	AN960-10	. WASHER.	4	A
-117	MS35207-264	. SCREW . . . . . ---*---	4	A

A **Serial numbers 43-48783, 43-48902, and 43-49029**

FIG. & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
167G-	69EC7000	ARM-55, Master Installation	NP	A
	69EC7101	MODIFICATION DRAWING, Bulkhead Sta. 333.50 . . .	NP	A
-1	69EC7314	. TABLE	1	A
		(ATTACHING PARTS)		
-2	MS21042-3	. NUT	7	A
-3	AN960-10	. WASHER	7	
-4	A3235-028-24A	. WASHER (78553)	7	A
-5	MS24694-65	. SCREW	7	A
		---*---		
-6	69EC7321	. ANGLE	1	A
		(ATTACHING PARTS)		
-7	MS21042-3	. NUT	2	A
-8	AN960-10	. WASHER	2	
-9	AN3-5A	. BOLT	2	A
		---*---		
-10	69EC7315-2	. ANGLE	2	A
-11	69EC7316	. CLIP	4	A
		(ATTACHING PARTS)		
-12	MS21042-3	. NUT	3	A
-13	AN960-10	. WASHER	3	A
-14	AN3-6A	. BOLT.	1	A
	AN3-5A	. BOLT.	2	A
		---*---		
-15	MS27212-1-2	. TERMINAL BOARD	2	A
		(ATTACHING PARTS)		
	AN545-6R4	. SCREW	2	A
		---*---		
-16	69EC7317-1	. ANGLE	1	A
		(ATTACHING PARTS)		
	A1778-8Z-1	. TINNERMAN NUT (78553)	3	A
	AN530-8-6	. SCREW	3	A
		---*---		
-17	69EC7317-2	. ANGLE	1	A
		(ATTACHING PARTS)		
	A1778-8Z-1	. TINNERMAN NUT (78553)	4	A
	AN530-8-6	. SCREW	4	A
		---*---		
-18	69EC7320	. ANGLE	1	A
		(ATTACHING PARTS)		
	AN538-8-6	. SCREW	10	A
		---*---		
-19	69EC7319	. CHANNEL	1	A
		(ATTACHING PARTS)		
	A1778-8Z-1	. TINNERMAN NUT	7	A
	AN530-8-6	. SCREW	7	A
		---*---		
-20	MS21048L3	. . NUTPLATE	5	A
-21	MS20470AD3-5	. . RIVET	2	A
-22	69EC7315-1	. ANGLE	1	A
-23	69EC7321	. Z-ANGLE	2	A
		(ATTACHING PARTS)		
-24	MS21042-3	. NUT	2	A
-25	AN960-10	. WASHER	2	A
-26	AN3-5A	. BOLT	2	A
		---*---		
	49D3786	. DISPENSER, Paper Cup	REF	A
		(ATTACHING PARTS)		
	MS20470AD3-4	. RIVET	10	A
		---*---		

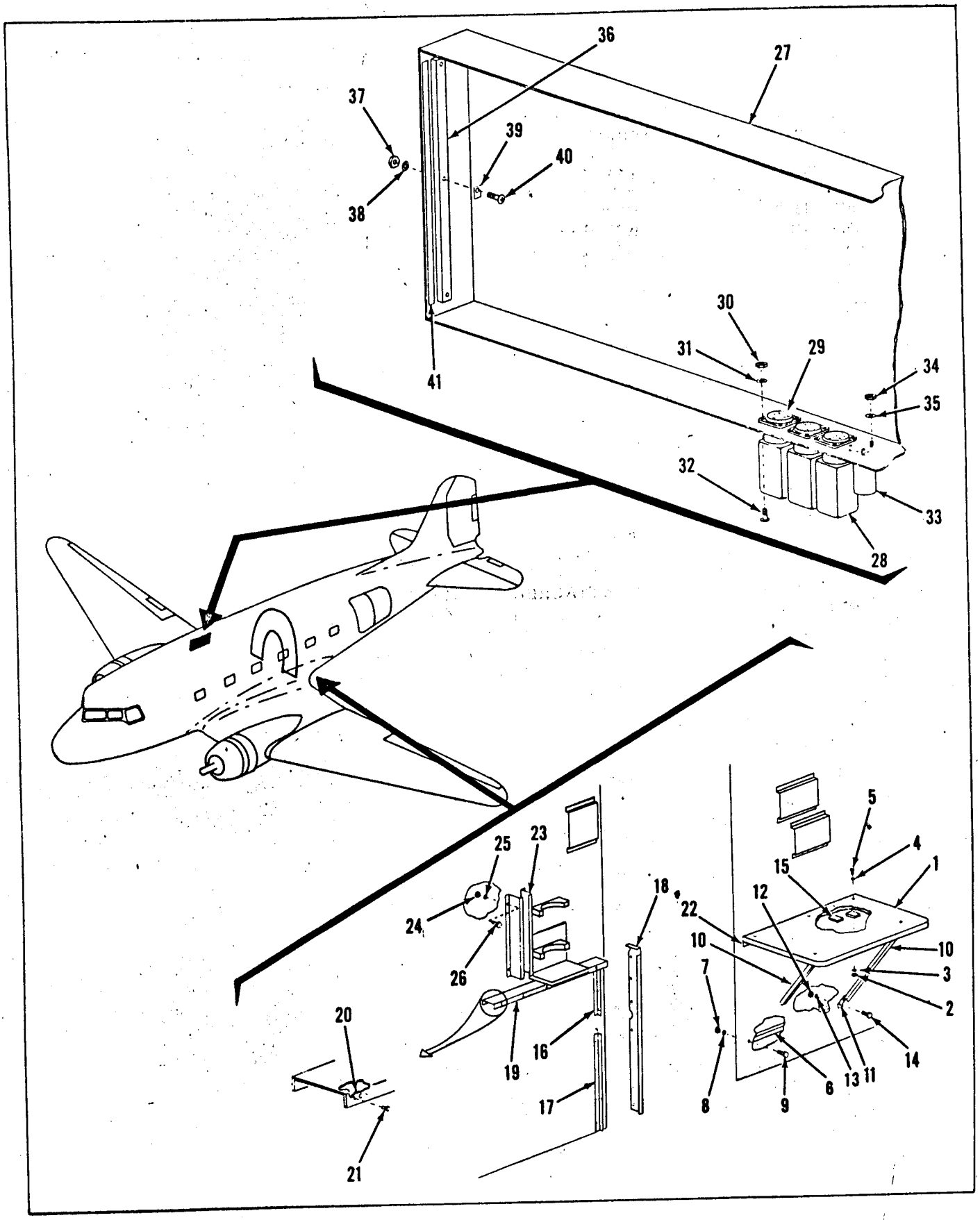


Figure 167G. Tacan Radio, ARM-55 (Sheet 1 of 2)

FIG. & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
167G-	69EC7104	MODIFICATION DRAWING, J-Box	NP	A
-27	520CH8100	. J-BOX	REF	A
-28	AN3303-1	. RELAY	3	A
-29	MS3102R20-27S	. PLUG	3	A
		(ATTACHING PARTS)		
-30	MS21042-04	. NUT	4	A
-31	AN960-4	. WASHER	4	A
-32	MS35206-217	. SCREW	4	A
		---*---		
-33	C-3519	. RELAY (94117)	1	A
		(ATTACHING PARTS)		
-34	MS21042-06	. NUT	3	A
-35	AN960-6	. WASHER	3	A
		---*---		
-36	MS27212-1-20	. TERMINAL BOARD	1	A
		(ATTACHING PARTS)		
-37	MS21042-04	. NUT	3	A
-38	AN960-4	. WASHER	3	A
-39	MS3373-B1	. STRIP, Insulating	1	A
	MS3373-A1	. STRIP, Insulating	2	A
-40	MS35206-215	. SCREW	3	A
		---*---		
-41	69EC7301	. NUMBER STRIP	1	A
-42	RT-614/ARM-55	. TRANSCEIVER (80058)	1	A
-43	69EC7303	. PLACARD	1	A
		(ATTACHING PARTS)		
-44	MS20470AD3-4	. RIVET	2	A
		---*---		
	69EC7102	INSTALLATION DRAWING, ARM-55 Circuit Breaker	NP	A
-45	MS25017-10	. CIRCUIT BREAKER	1	A
-46	69EC6303-8	. NAMEPLATE	1	A
-47	69EC6303-7	. NAMEPLATE	2	A
-48	69EC6303-10	. NAMEPLATE	1	A
		(ATTACHING PARTS)		
-49	MS35206-227	. SCREW	2	A
		---*---		
	69EC7103	INSTALLATION DRAWING, Oscilloscope and video input selector	NP	A
-50	5870222	. VIDEO INPUT SELECTOR (08125)	1	A
		(ATTACHING PARTS)		
-51	MS35206-252	. SCREW	4	A
-52	AN936BB	. WASHER.	4	A
		---*---		
-53	69EC7300-2	. DECAL	1	A
-54	69EC7300-1	. DECAL	1	A
-55	69EC7300-3	. DECAL	1	A
-56	69EC7304	. TRAY.	1	A
		(ATTACHING PARTS)		
	MS35207-277	. SCREW	4	A
	AN936A416	. WASHER.	4	A
		---*---		
-57	69EC7305	. CHANNEL	2	A
		(ATTACHING PARTS)		
	MS21042-3	. NUT	3	A
	AN960-10	. WASHER.	3	A
	AN3-5A	. BOLT.	3	A
		---*---		
-58	MS91527-2BFH	. MOUNT	4	A

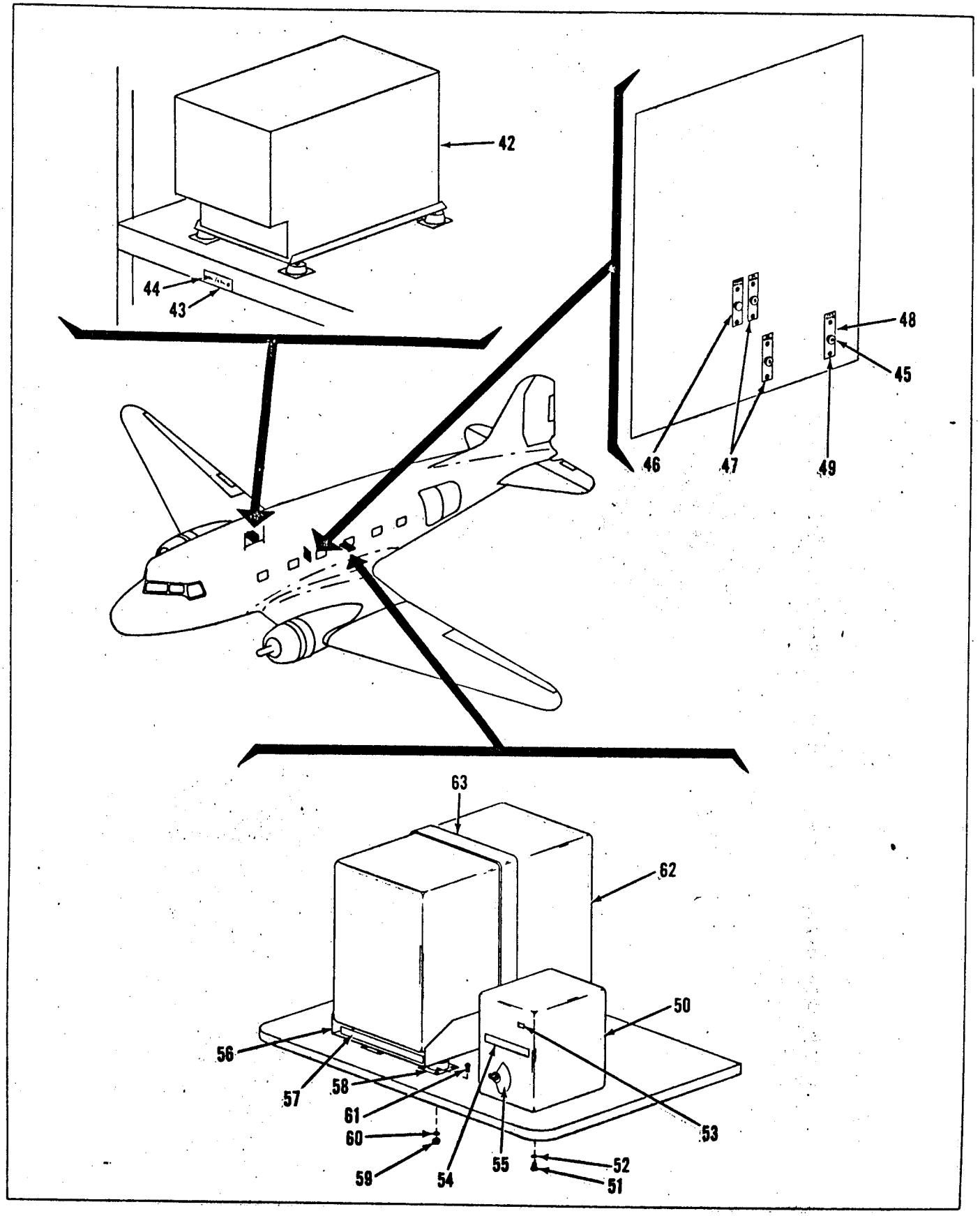


Figure 167G. Tacan Radio, ARM-55 (Sheet 2 of 2)

FIG. & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
167G		(ATTACHING PARTS)		
-59	MS21042-3	. NUT	4	A
-60	AN970-3	. WASHER.	4	A
-61	MS35207-268	. SCREW	4	A
		---*---		
-62	6625-400-3704	. OSCILLOSCOPE TYPE 561B, Including type 3A6 dual trace amplifier and type 3B3 time base .	1	A
		(ATTACHING PARTS)		
-63	NAS1213R20J52	. STRAP	1	A
		---*---		
	69EC7200	. Wiring Harness	1	A
	69EC7201	. Wiring Harness	1	A
	69EC7202	. Wiring Harness	1	A
	69EC7203	. Wiring Harness	1	A
	69EC7205	. Wiring Harness	1	A

A Serial numbers 43-48783, 43-48902, and 43-49029

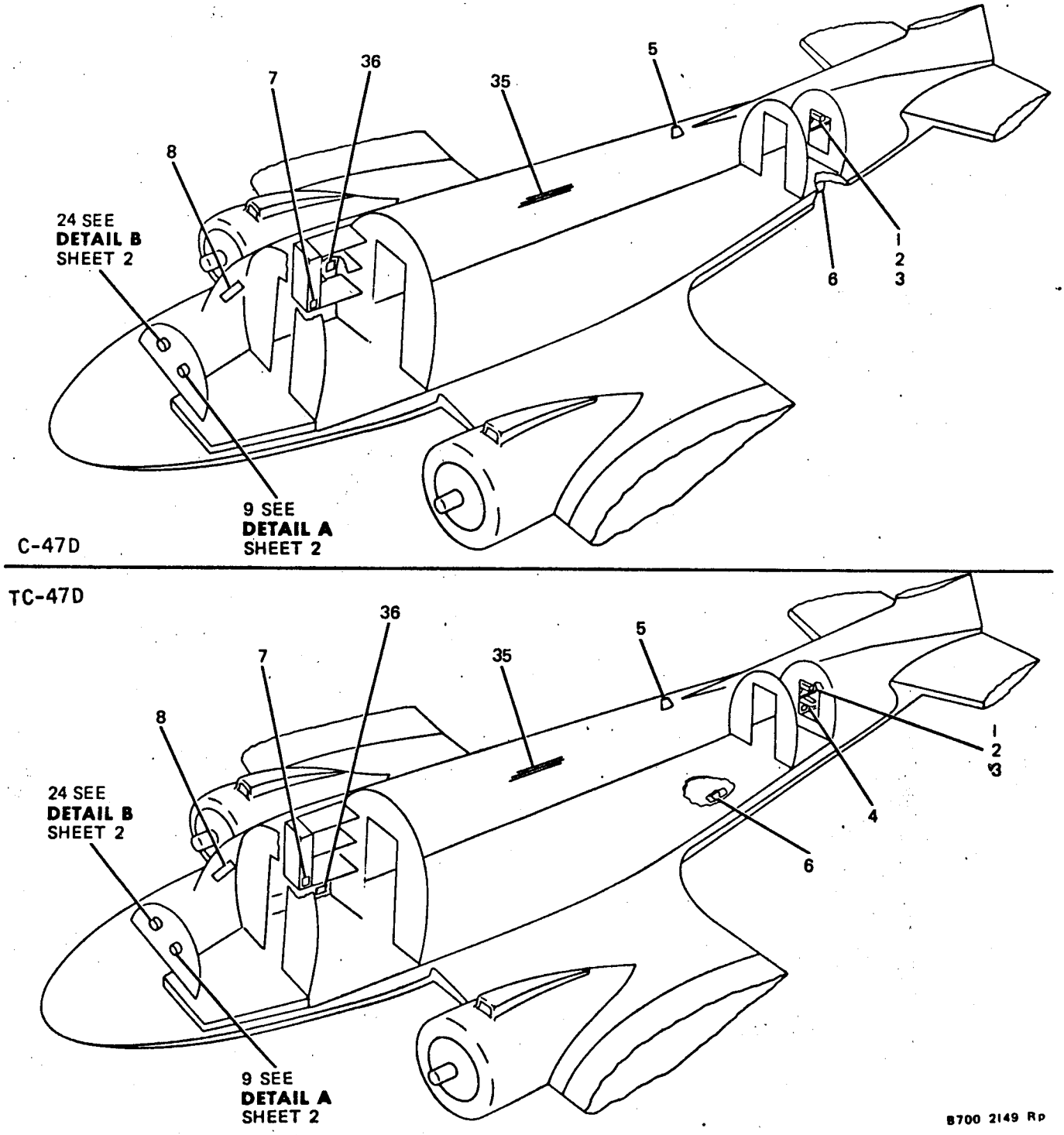


Figure 167H. AIMS IFF Installation, C-47D and TC-47D (Sheet 1 of 2)

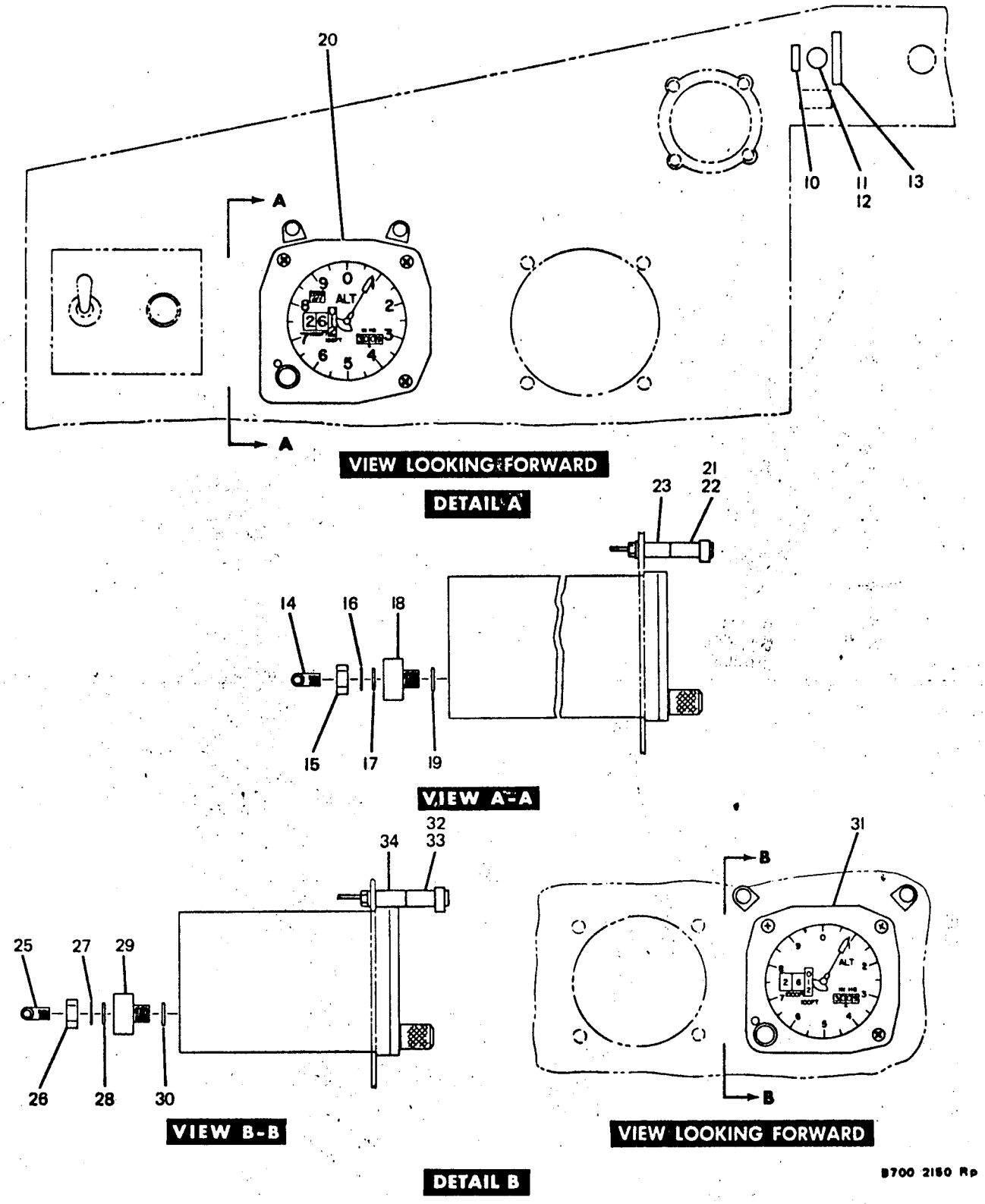
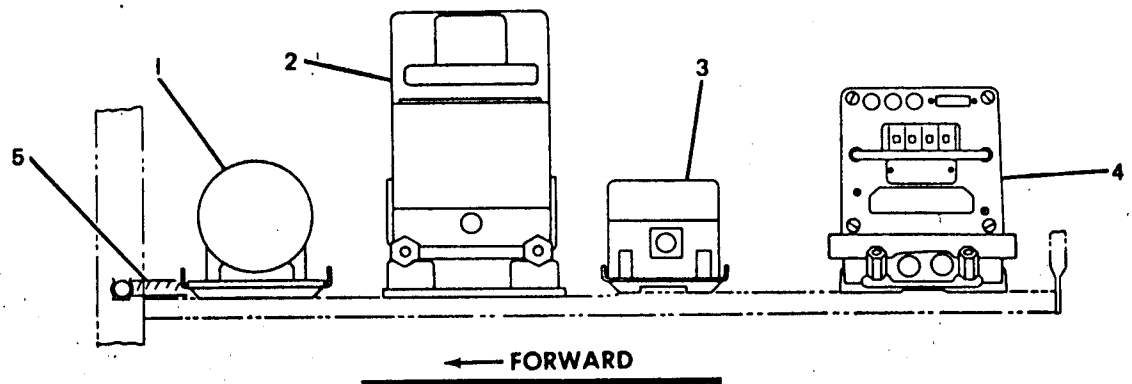


Figure 167H. AIMS IFF Installation, C-47D and TC-47D (Sheet 2 of 2)

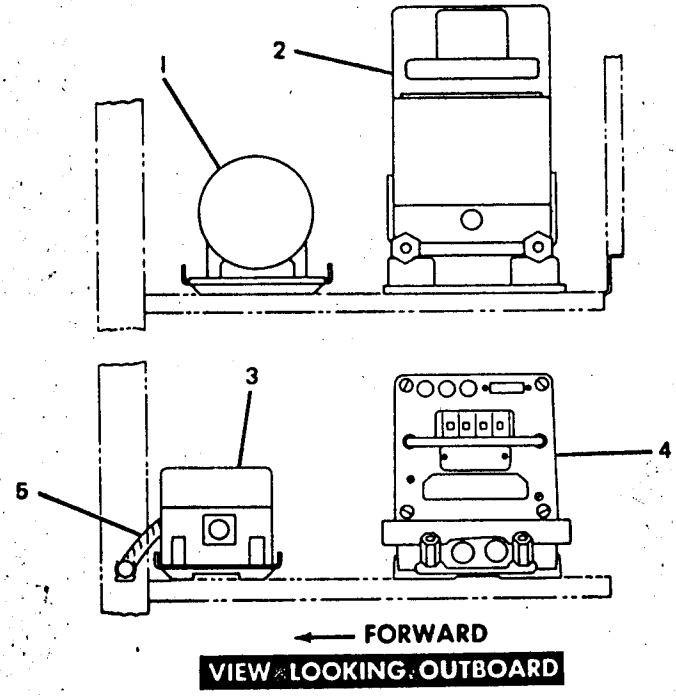
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
167H	796-8761-001	AIMS IFF INSTALLATION, C47-D.	1	A
	796-8781-001	AIMS IFF INSTALLATION, TC47-D	1	B
- 1	796-8776-001	. EQUIPMENT INSTALLATION /SEE FIG. 167J.	1	A
	796-8735-001	. EQUIPMENT INSTALLATION /SEE FIG. 167J.	1	B
- 2	796-8770-001	. MOUNTS INSTALLATION, EQUIPMENT /SEE FIG. 167K.	1	A
	796-8792-001	. MOUNTS INSTALLATION, EQUIPMENT, TOP SHELF /SEE FIG. 167L	1	B
	796-8783-001	. MOUNTS INSTALLATION, EQUIPMENT, BOTTOM SHELF /SEE FIG. 167M.	1	B
- 3	796-8777-001	. PANEL INSTALLATION, ANTENNA TEST JACK /SEE FIG. 167N	1	A
	796-8794-001	. PANEL INSTALLATION, ANTENNA TEST JACK /SEE FIG. 167N	1	B
- 4	796-8764-001	. SHELF INSTALLATION, ELECTRONICS /SEE FIG. 167P	1	B
- 5	796-8743-001	. ANTENNA INSTALLATION, TOP /SEE FIG. 167Q	1	A
	796-8789-001	. ANTENNA INSTALLATION, TOP /SEE FIG. 167Q	1	B
- 6	796-8774-001	. ANTENNA INSTALLATION, BOTTOM /SEE FIG. 167R.	1	A
	796-8791-001	. ANTENNA INSTALLATION, BOTTOM /SEE FIG. 167R.	1	B
- 7	796-8768-001	. CIRCUIT BREAKER INSTALLATION /SEE FIG. 167S.	1	A
	796-8787-001	. CIRCUIT BREAKER INSTALLATION /SEE FIG. 167S.	1	B
- 8	796-8767-001	. OVERHEAD INSTALLATION /SEE FIG. 167T	1	A
	796-8788-001	. OVERHEAD INSTALLATION /SEE FIG. 167T	1	B
- 9	796-8765-001	. ALTIMETER INSTALLATION, PILOT	1	
- 10	796-8754-012	. . SCOTCHCAL	1	
- 11	796-8754-013	. . SCOTCHCAL	1	
- 12	MS18209-387	. . LAMP /96906/.	1	
- 13	MS25041-4	. . LIGHT /96906/	1	
- 14	AN834-4D	. . TEE /88044/	1	
- 15	AN6289D4	. . NUT /88044/	1	
- 16	MS28777-4	. . RETAINER /96906/.	1	
- 17	MS28778-4	. . PACKING /96906/	1	
- 18	AN893-2D	. . BUSHING /88044/	1	
- 19	MS28778-6	. . PACKING /96906/	1	
- 20	AAU21A	. . ALTIMETER, ENCODER 125-0082-150 /GFE/	1	
- 21	MS18209-387	. . LAMP /96906/.	2	
- 22	A8970-2	. . LIGHT, INST /72194/ 262-1287-050.	2	
- 23	620-8516-001	. . SPACER.	2	
- 24	796-8766-001	. ALTIMETER INSTALLATION, COPILOT	1	
- 25	AN834-4D	. . TEE /88044/	1	
- 26	AN6289D4	. . NUT /88044/	1	
- 27	MS28777-4	. . RETAINER /96906/.	1	
- 28	MS28778-4	. . PACKING /96906/	1	
- 29	AN893-2D	. . BUSHING /88044/	1	
- 30	MS28778-6	. . PACKING /96906/	1	
- 31	AAU27A	. . ALTIMETER 125-0082-160 /GFE/.	1	
- 32	MS18209-387	. . LAMP /96906/.	2	
- 33	A8970-2	. . LIGHT, INST /72194/ 262-1287-050.	2	
- 34	620-8516-001	. . SPACER.	2	
- 35	796-8775-001	. CABLE INSTALLATION /SEE FIG. 167U.	1	A
	796-8793-001	. CABLE INSTALLATION /SEE FIG. 167V.	1	B
- 36	796-8924-001	. FILTER INSTALLATION /SEE FIG. 167W	1	

A C-47D
B TC-47D



C-47D

TC-47D



8700 2151 Rp

Figure 167J. AIMS IFF Equipment Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
167V- 90	MS24266R12B12S	. . CONNECTOR /96906/ TS-P1	1	
- 91	MS3104R14S5S	. . CONNECTOR /96906/ SU-P1	1	
- 92	796-8755-005	. . MARKER, CABLE, NO. 5.	1	
- 93	796-8755-006	. . MARKER, CABLE, NO. 6.	1	
- 94	796-8755-004	. . MARKER, CABLE, NO. 4.	1	
- 95	796-8755-053	. . MARKER, CABLE, NO. 53	1	
- 96	RG195AU	. . CABLE /80058/	AR	

B TC-47D

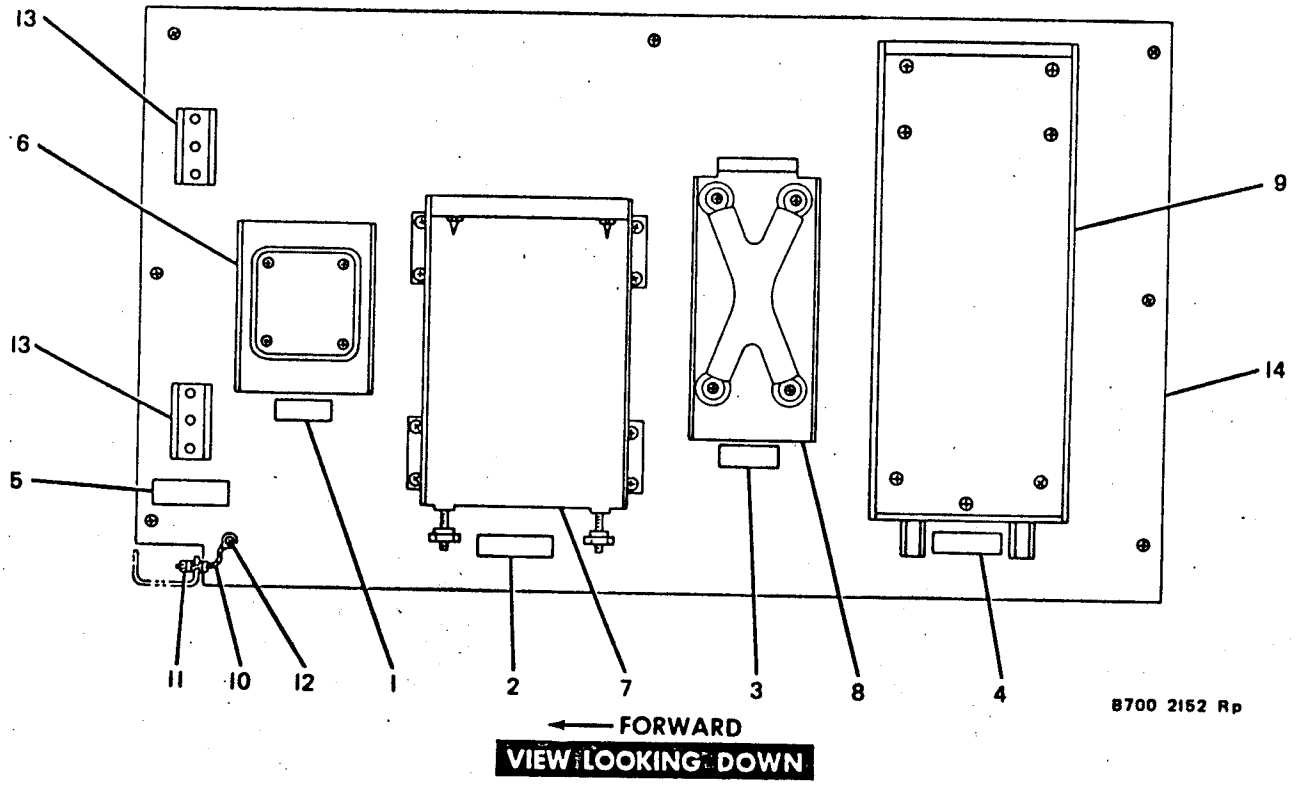


Figure 167K. AIMS IFF Equipment Mounts Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
167K	796-8770-001	MOUNTS INSTALLATION, EQUIPMENT /SEE FIG. 167H FOR NHA/	REF	A
- 1	796-8754-004	. SCOTCHCAL	1	
- 2	796-8754-005	. SCOTCHCAL	1	
- 3	796-8754-006	. SCOTCHCAL	1	
- 4	796-8754-007	. SCOTCHCAL	1	
- 5	796-8754-014	. SCOTCHCAL	1	
- 6	MT1949U	. MOUNT 125-0082-100 /GFE/	1	
	MS35207-267	. SCREW /96906/ /AP/	4	
	AN970-3	. WASHER /88044/ /AP/	4	
	NAS679A3	. NUT /80205/ /AP/	4	
- 7	MT3349AU	. MOUNT 125-0082-030 /GFE/	1	
	MS35207-267	. SCREW /96906/ /AP/	8	
	AN970-3	. WASHER /88044/ /AP/	8	
	NAS679A3	. NUT /80205/ /AP/	8	
- 8	MT3513APX	. MOUNT 125-0082-020 /GFE/	1	
	MS35207-267	. SCREW /96906/ /AP/	4	
	AN970-3	. WASHER /88044/ /AP/	4	
	NAS679A3	. NUT /80205/ /AP/	4	
- 9	MT3809APX72	. MOUNT 125-0082-050 /GFE/	1	
	MS51960-87	. SCREW /96906/ /AP/	7	
	AN960-416	. WASHER /88044/ /AP/	7	
	MS21044N4	. NUT /96906/ /AP/	7	
- 10	MS25083-2086	. JUMPER /96906/	1	
- 11	MS35207-267	. SCREW /96906/ /AP/	1	
	AN970-3	. WASHER /88044/ /AP/	1	
	MS35338-100	. WASHER /96906/ /AP/	1	
	NAS679A3	. NUT /80205/ /AP/	1	
- 12	MS35207-263	. SCREW /96906/ /AP/	1	
	AN960-10	. WASHER /88044/ /AP/	1	
	MS35338-100	. WASHER /96906/ /AP/	1	
	NAS679A3	. NUT /80205/ /AP/	1	
- 13	100-200-12-0	. CLIP, SPG TNSN /99378/ 139-0752-000	2	
	MS35206-233	. SCREW /96906/ /AP/	6	
	AN960-6	. WASHER /88044/ /AP/	6	
	NAS679A06	. NUT /80205/ /AP/	6	
- 14	796-8763-001	. COVER, ELECTRONIC SHELF, TOP	1	

A C-47D

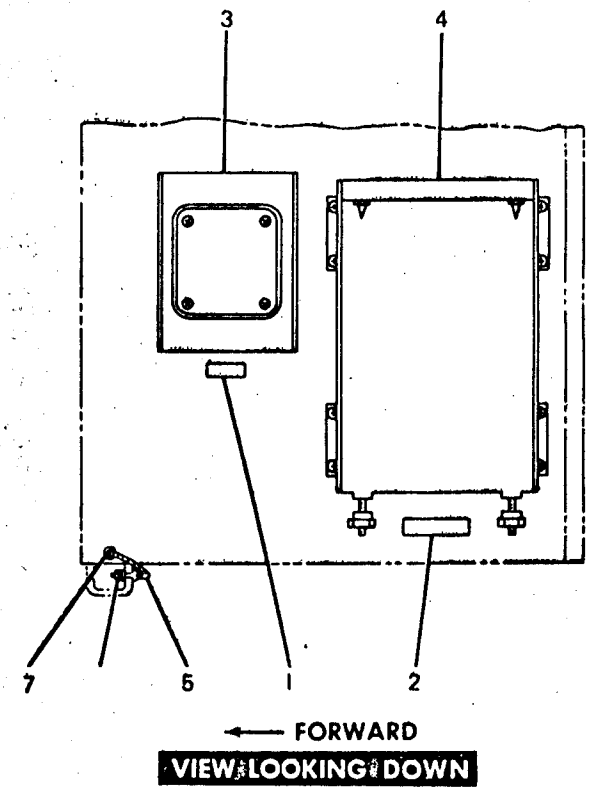


Figure 167L. AIMS IFF Top Shelf Equipment Mounts Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
167L	796-8792-001	MOUNTS INSTALLATION, EQUIPMENT, TOP SHELF /SEE FIG. 167H FOR NHA/.	REF	B
▲ 1	796-8754-004	. SCOTCHCAL	1	
▲ 2	796-8754-005	. SCOTCHCAL	1	
▲ 3	MT1948U	. MOUNT 125-0082-100 /GFE/.	1	
	MS35207-263	. SCREW /96906/ /AP/.	4	
	AN960-10	. WASHER /88044/ /AP/	4	
	NAS679A3	. NUT /80205/ /AP/.	4	
▲ 4	MT3940A11	. MOUNT 125-0082-030 /GFE/.	1	
	MS35207-263	. SCREW /96906/ /AP/.	8	
	AN960-10	. WASHER /88044/ /AP/	8	
	NAS679A3	. NUT /80205/ /AP/.	8	
▲ 5	MS25083-2088	. JUMPER /96906/.	1	
▲ 6	MS35207-263	. SCREW /96906/ /AP/.	1	
	AN960-10	. WASHER /88044/ /AP/	2	
	MS35338-100	. WASHER /96906/ /AP/	1	
	NAS679A3	. NUT /80205/ /AP/.	1	
▲ 7	MS35207-263	. SCREW /96906/ /AP/.	1	
	AN960-10	. WASHER /88044/ /AP/	2	
	MS3533R-100	. WASHER /96906/ /AP/	1	
	NAS679A3	. NUT /80205/ /AP/.	1	

B 1C-47D

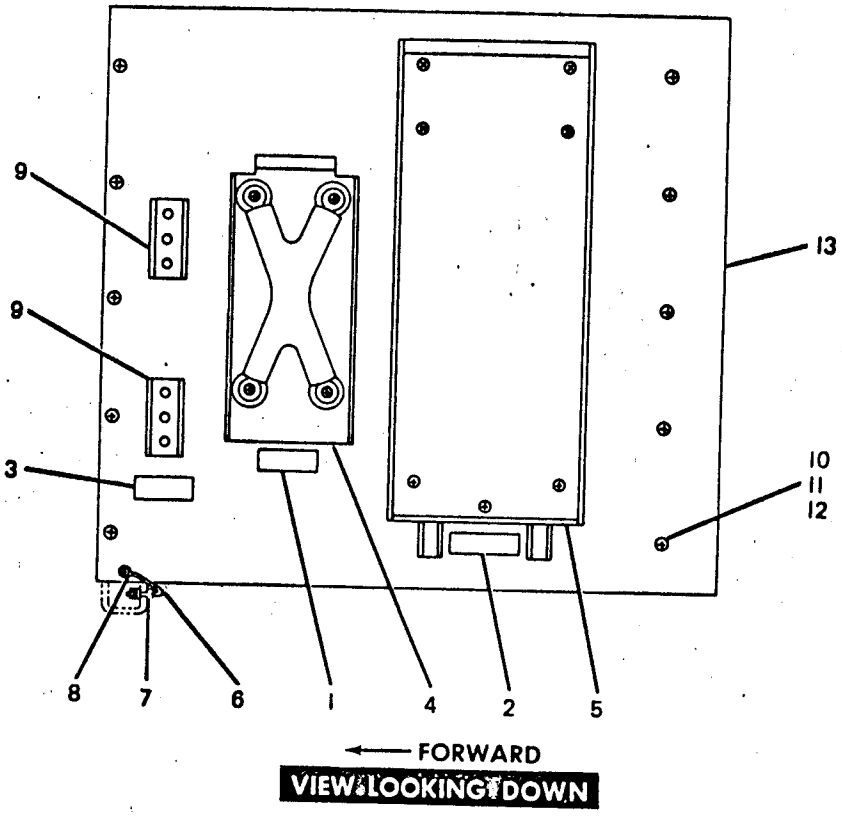
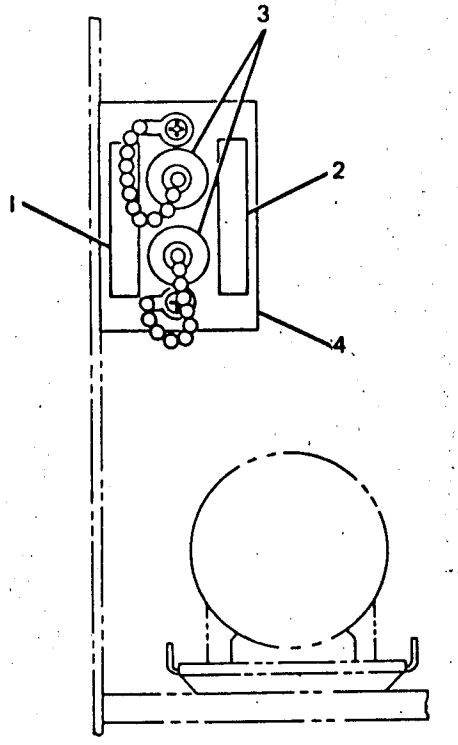


Figure 167M. AIMS IFF Bottom Shelf Equipment Mounts Installation

FIGURE AND INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
167M	796-8781-001	MOUNTS INSTALLATION, EQUIPMENT, BOTTOM SHELF /SEE FIG. 167M FOR. NHA/	REF	B
- 1	796-8754-006	. SCOTCHCAL	1	
- 2	796-8754-007	. SCOTCHCAL	1	
- 3	796-8754-014	. SCOTCHCAL	1	
- 4	MT3513A4PX	. MOUNT 125-0082-020 /GFE/	1	
	MS35206-247	. SCREW /96906/ /AP/	1	
	AN960-8	. WASHER /88044/ /AP/	4	
	NAS679A08	. NUT /80205/ /AP/	4	
- 5	MT3809APX72	. MOUNT 125-0082-050 /GFE/	4	
	MS51960-84	. SCREW /96906/ /AP/	1	
	AN960-416	. WASHER /88044/ /AP/	7	
	NAS679A6	. NUT /80205/ /AP/	7	
- 6	MS25003-2886	. JUMPER /96906/	7	
- 7	MS35207-265	. SCREW /96906/ /AP/	1	
	AN960-10	. WASHER /88044/ /AP/	1	
	MS35338-100	. WASHER /96906/ /AP/	2	
	NAS679A3	. NUT /80205/ /AP/	1	
- 8	MS35207-265	. SCREW /96906/ /AP/	1	
	AN960-10	. WASHER /88044/ /AP/	1	
	MS35338-100	. WASHER /96906/ /AP/	2	
	NAS679A3	. NUT /80205/ /AP/	1	
- 9	100-200-12-0	. CLIP, SPG TNSN /99378/ 139-0752-000	1	
	MS35206-228	. SCREW /96906/ /AP/	2	
	AN960-6	. WASHER /88044/ /AP/	6	
	NAS679A06	. NUT /80205/ /AP/	6	
- 10	MS35207-264	. SCREW /96906/	6	
- 11	AN960-10	. WASHER /88044/	10	
- 12	NAS679A3	. NUT /80205/	10	
- 13	796-8784-001	. COVER, ELECTRONIC SHELF, BOTTOM	10	
			1	

B TC-47D

C-47D | TC-47D



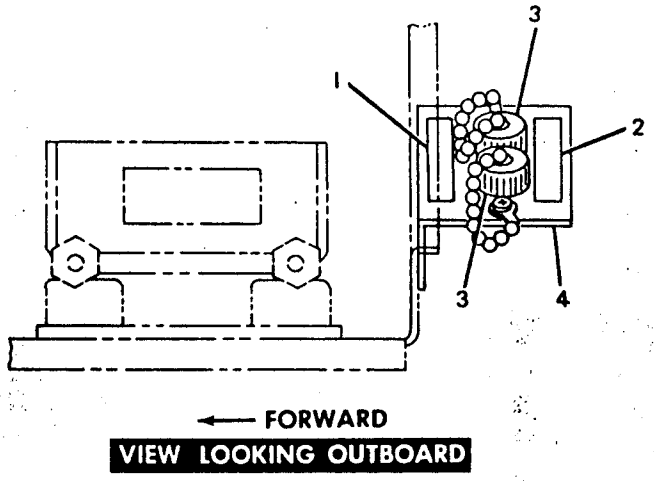


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Figure 167N. AIMS IFF Antenna Test Jack Panel Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
167N	796-8777-001	PANEL INSTALLATION, ANTENNA TEST JACK /SEE FIG. 167H FOR NHA/	REF	A
	796-8794-001	PANEL INSTALLATION, ANTENNA TEST JACK /SEE FIG. 167H FOR NHA/	REF	B
- 1	796-8754-021	. SCOTCHCAL	1	
- 2	796-8754-001	. SCOTCHCAL	1	
- 3	MS39012-25-0006	. COVER /96906/	2	
	MS35206-228	. SCREW /96906/ /AP/	2	
	AN960-6	. WASHER /80044/ /AP/	2	
	NAS679A06	. NUT /80205/ /AP/	2	
- 4	796-8756-001	. BRACKET, TEST JACK	1	
	MS35206-245	. SCREW /96906/ /AP/	2	
	AN960-8	. WASHER /80044/ /AP/	2	
	NAS679A08	. NUT /80205/ /AP/	2	

A C-47D
B TC-47D

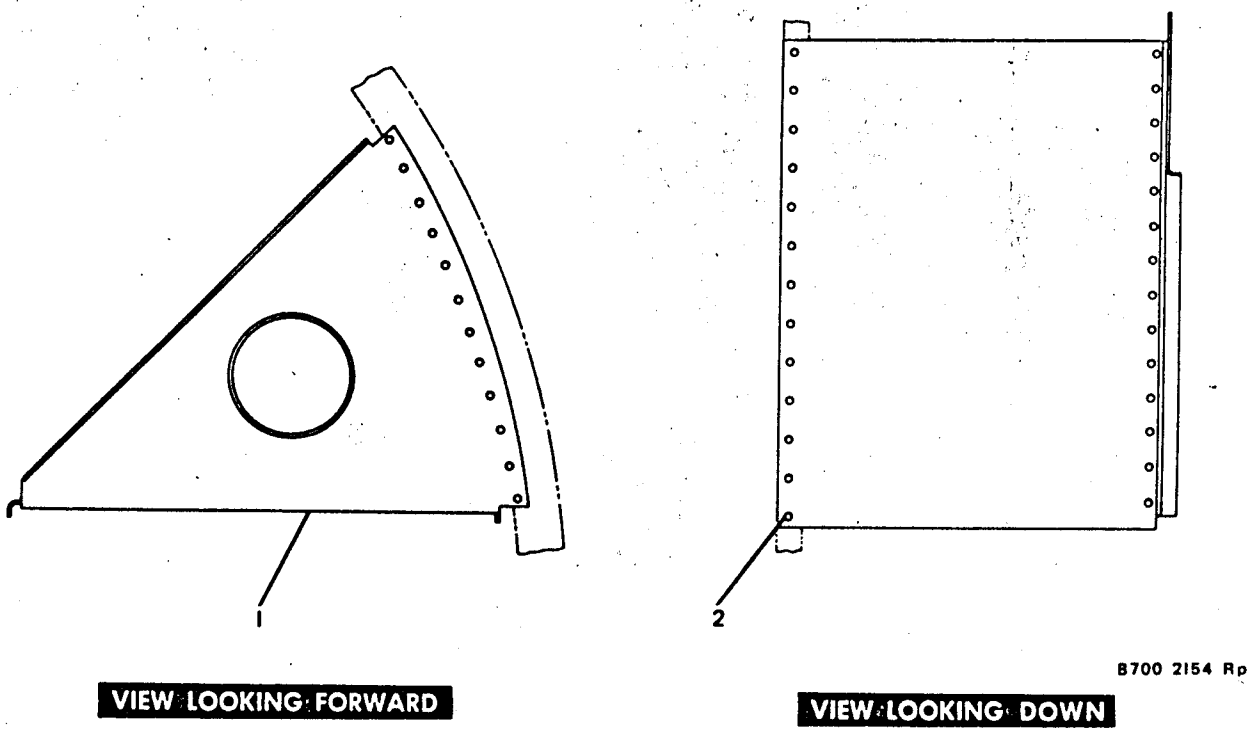

Figure 167P. AIMS IFF Electronics Shelf Installation

FIGURE AND INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
167P	796-8764-001	SHELF INSTALLATION, ELECTRONICS /SEE FIG. 167H FOR NHA/.	REF	B
- 1	796-8785-001	. SUPPORT, AFT END, TOP ELECTRONIC SHELF.	1	
	MS20470AD4-5	. RIVET /96906/ /AP/.	26	
- 2	796-8786-001	. SHELF, TOP ELECTRONICS.	1	
	MS20470AD4-5	. RIVET /96906/ /AP/.	13	

B TC-47D

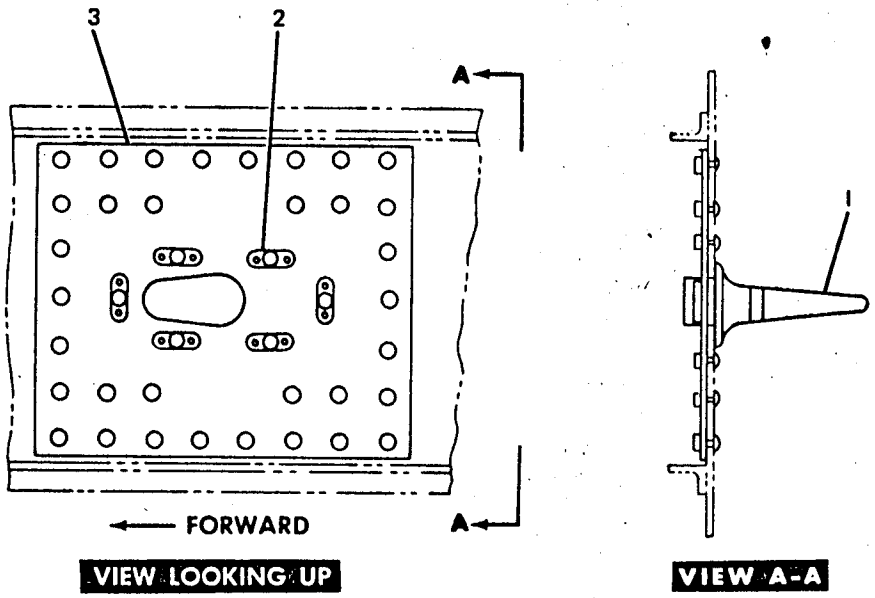

Figure 167Q. AIMS IFF Top Antenna Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
167Q	796-8743-001	ANTENNA INSTALLATION, TOP /SEE FIG. 167H FOR NHA/	REF	A
	796-8789-001	ANTENNA INSTALLATION, TOP /SEE FIG. 167H FOR NHA/	REF	B
- 1	AT741A	. ANTENNA 125-0082-130 /GFE/	1	
	MS24693C26	. SCREW /96906/ /AP/	6	
- 2	MS21078-06	. NUT /96906/	6	
	MS20426AD3-6	. RIVET /96906/ /AP/	12	
- 3	796-8745-001	. DOUBLER, ANTENNA, TOP	1	
	MS20470AD4-5	. RIVET /96906/ /AP/	32	
		A - C-47D B - TC-47D		

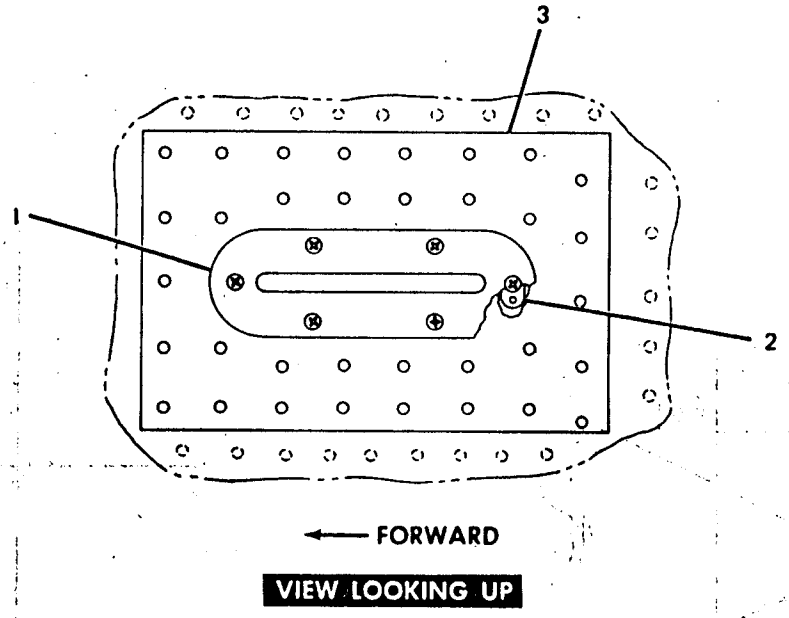

Figure 167R. AIMS IFF Bottom Antenna Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
167R	796-8774-001	ANTENNA INSTALLATION, BOTTOM /SEE FIG. 167H FOR NHA/	REF	A
	796-8791-001	ANTENNA INSTALLATION, BOTTOM /SEE FIG. 167H FOR NHA/	REF	B
- 1	AT741A	. ANTENNA 125-0082-130 /GFE/	1	
	MS24693026	. SCREW /96906/ /AP/	6	
	796-8773-001	. DOUBLER	1	
	MS20470AD5-7	. RIVET /96906/ /AP/	35	
- 2	MS21078-06	. . NUT /96906/	6	
	MS20426AD3-5	. . RIVET /96906/ /AP/	12	
- 3	796-8773-002	. . DOUBLER	1	

A C-47D
B TC-47D

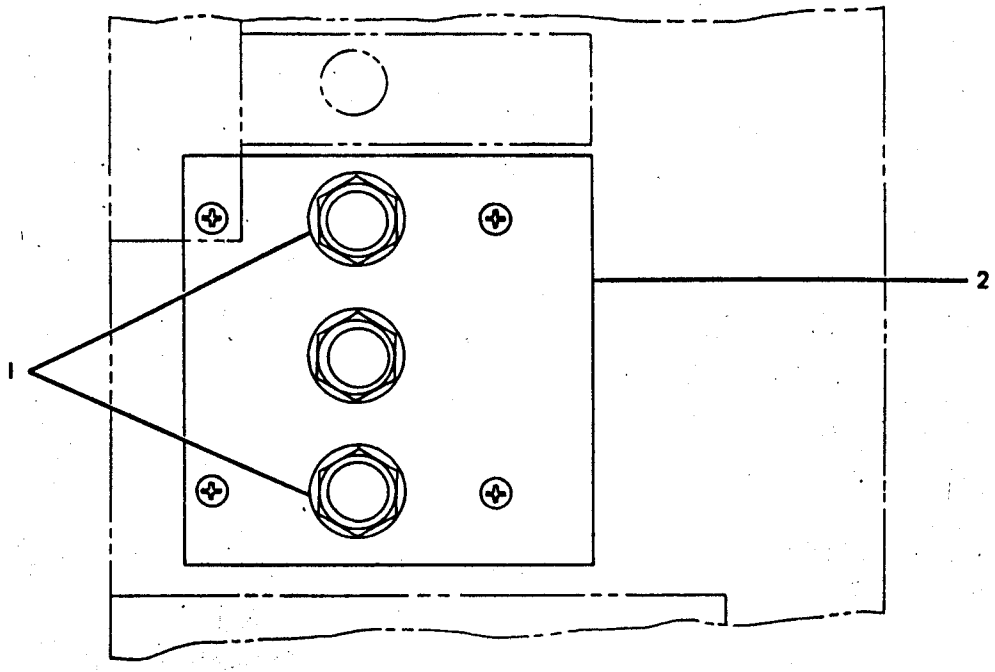

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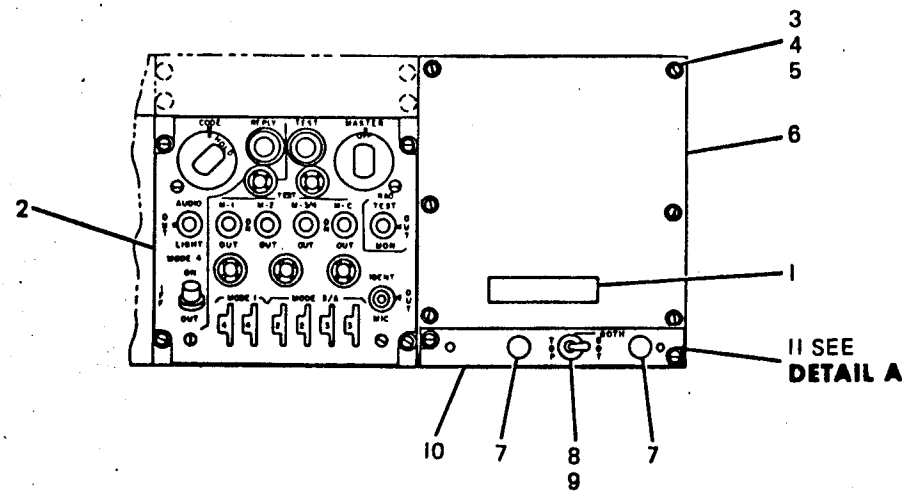
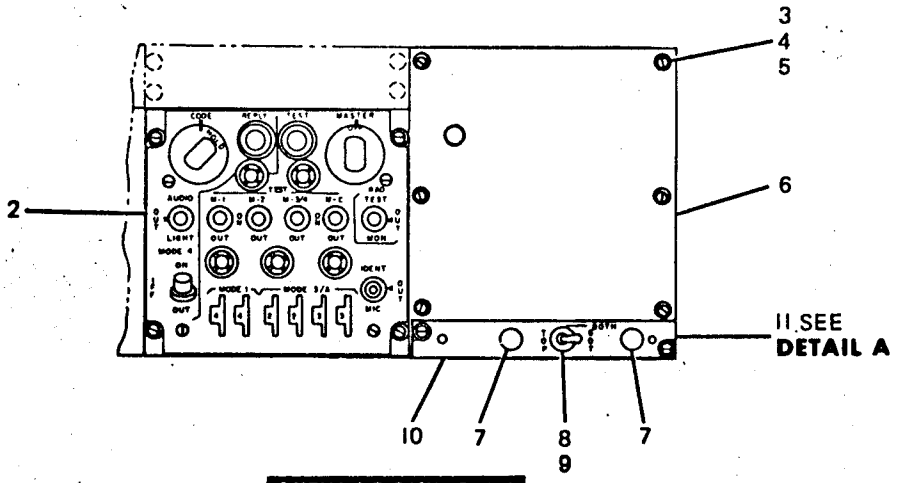
Figure 167S. AIMS IFF Circuit Breaker Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
167S	796-8768-001	CIRCUIT BREAKER INSTALLATION /SEE FIG. 167H FOR NHA/	REF	A
	796-8787-001	CIRCUIT BREAKER INSTALLATION /SEE FIG. 167H FOR NHA/	REF	B
- 1	MS25244-5	. CIRCUIT BREAKER /96906/	3	
- 2	796-8771-001	. PANEL, CIRCUIT BREAKER.	1	
	P343-0036-000	. SCREW, MACH, SST, 6-32 X 1/2 /77250/ 343-0036-000 /AP/.	4	
	AN960-6	. WASHER /88044/ /AP/	4	
	68N462	. NUT, SLFLKG, HEX, AL, 6-32 /72962/ 333-0368-000 /AP/.	4	
		A C-47D		
		B TC-47D		



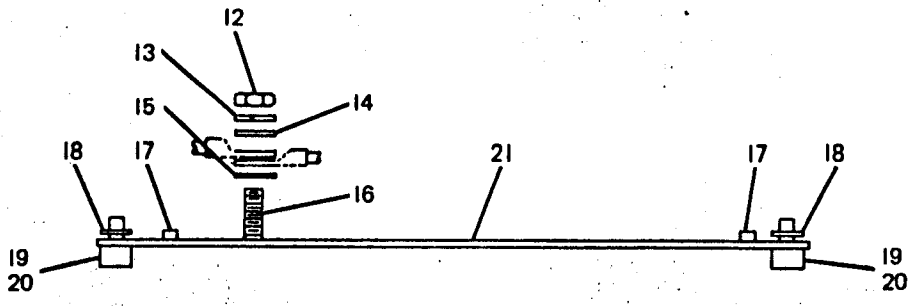
VIEW LOOKING UP

C-47D



VIEW LOOKING UP

TC-47D



TOP VIEW
DETAIL A

8700 2158 Rp

Figure 167T. AIMS IFF Overhead Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
167T	796-8767-001	OVERHEAD INSTALLATION /SEE FIG. 167H FOR NHA/.	REF	A
	796-8788-001	OVERHEAD INSTALLATION /SEE FIG. 167H FOR NHA/.	REF	B
- 1	796-8754-015	. SCOTCHCAL	1	A
- 2	C6280PAPX	. CONTROL, TRANSPONDER /GFE/.	1	
	796-8769-001	. PANEL, BLANK.	1	
- 3	PC3 1-2CDPL	. . CUP /72794/ 012-1523-000.	6	
- 4	PS3 1-2CDPL	. . SPRING /72794/ 012-1522-000	6	
- 5	PF31-2-38CDPL	. . STUD, TURNLOCK FSTNR, CD PL STL, 0.218 DIA X 0.380 /72794/. . 012-1521-000	6	
- 6	796-8769-002	. . PANEL	1	
	796-8663-001	. PANEL, ANTENNA SWITCHING.	1	
- 7	MS25010B11A327	. . LIGHT /96906/	2	
- 8	MS24658-21E	. . SWITCH /96906/.	1	
- 9	T1071-1	. . LOCKNUT, KNURLED.	1	
- 10	796-8664-001	. . OVERLAY, SWITCHING.	1	
	P343-0678-000	. . SCREW, MACH, SST, 2-56 X 1/2 /77250/ 343-0678-000 /AP/. . .	2	
	302-0023-000	. . WASHER, NM, CORPRENE, 0.093 ID X 0.250 OD /05284/ . . . . . 302-0023-000 /AP/	2	
- 11	796-8665-001	. . PANEL, SWITCH	1	
- 12	NAS679A08	. . . NUT /80205/	1	
- 13	MS35338-99	. . . WASHER /96906/.	1	
- 14	AN960-8	. . . WASHER /88044/.	1	
- 15	AN960PD8	. . . WASHER /88044/.	1	
- 16	CFHS832-8	. . . STUD, CAPTIVE, SST, 8-32 X 1/2 /46384/ 330-4929-000 . . .	1	
- 17	R22NCFMA1-26	. . . NUT, SLFLKG, CD PL STL, 2-56 /72962/ 333-0837-000	2	
- 18	PC3 1-2CDPL	. . . CUP /72794/ 012-1523-000.	2	
- 19	PS3 1-2CDPL	. . . SPRING /72794/ 012-1522-000	2	
- 20	PF31-2-38CDPL	. . . STUD, TURNLOCK FSTNR, CD PL STL, 0.218 DIA X 0.380 /72794/. 012-1521-000	2	
- 21	796-8665-002	. . . PANEL	1	

A C-47D
B TC-47D

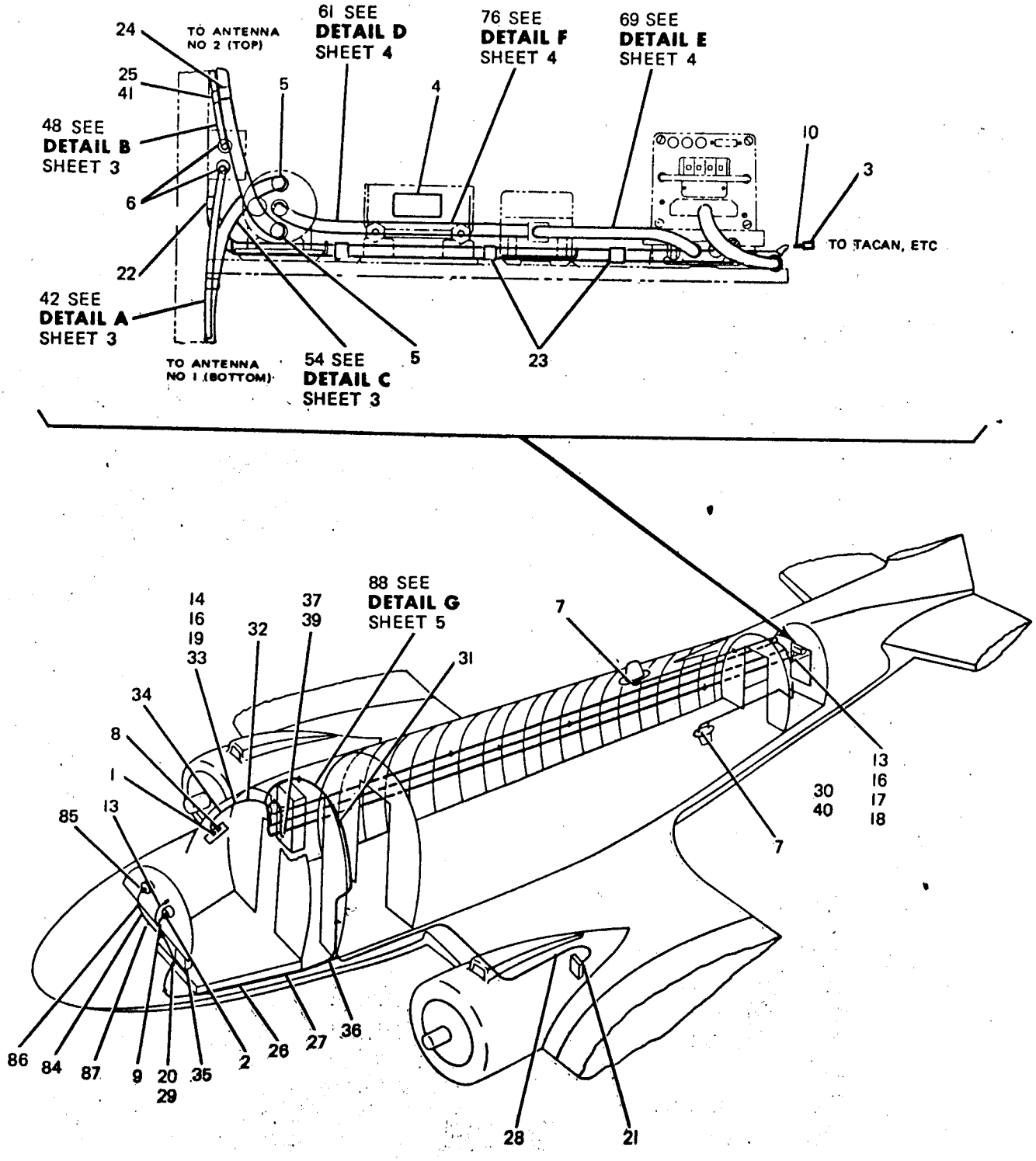
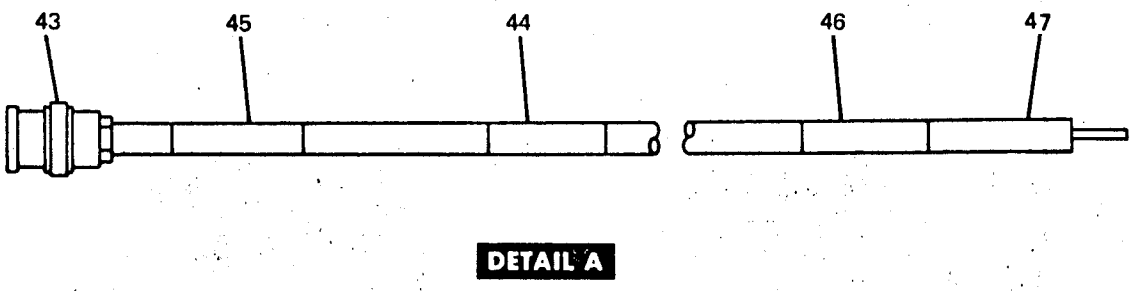
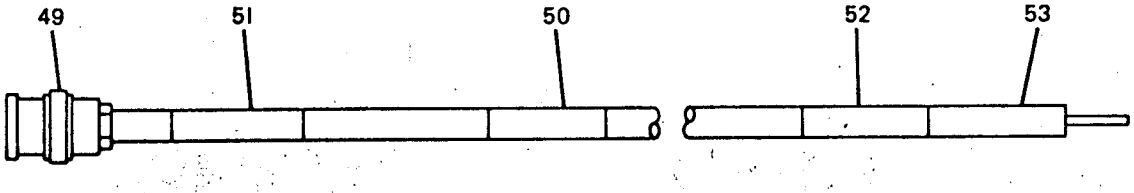


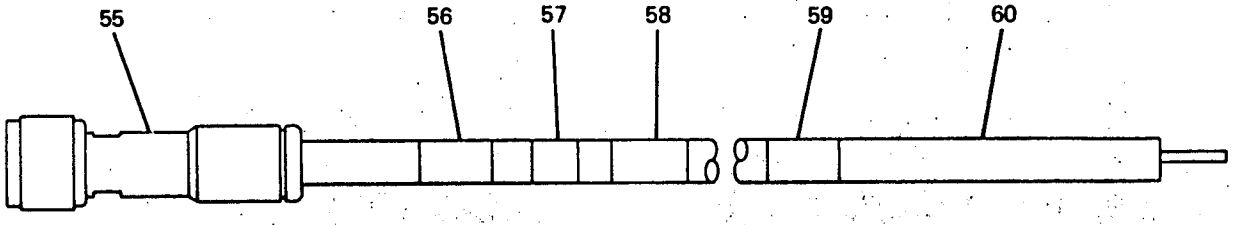
Figure 167U. AIMS IFF Cable Installation 796-8775-001 (Sheet 1 of 4)



DETAIL A



DETAIL B



DETAIL C

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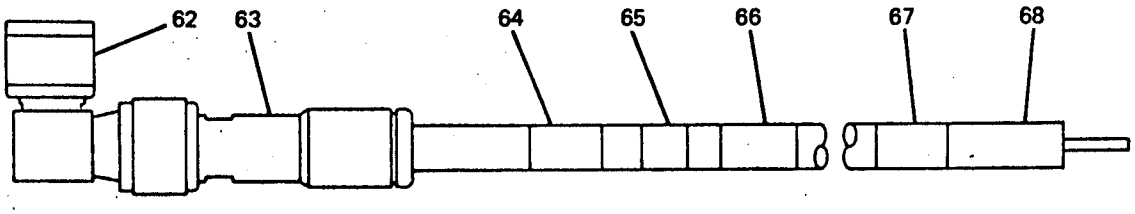
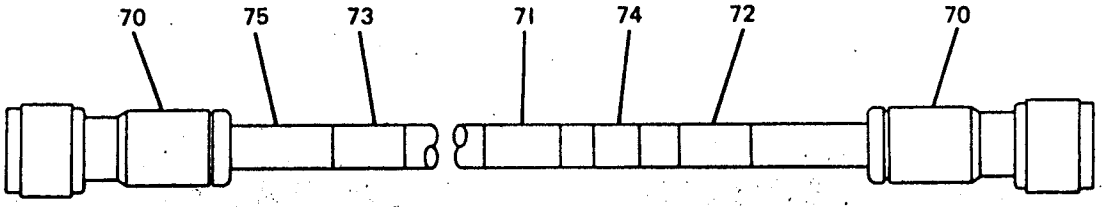
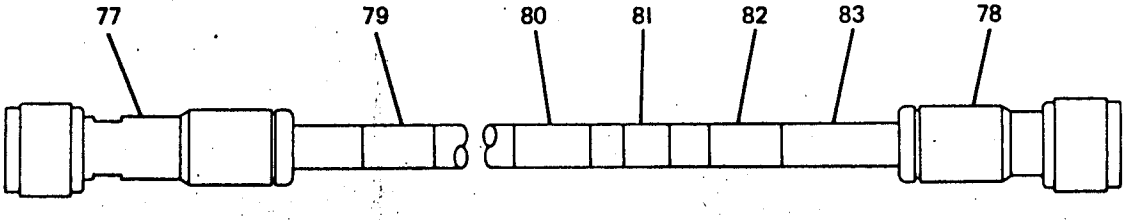
Figure 167U. AIMS IFF Cable Installation 796-8775-001 (Sheet 2 of 4)



DETAIL D



DETAIL E



DETAIL F

B700 2279 Rp

Figure 167U. AIMS IFF Cable Installation 796-8775-001 (Sheet 3 of 4)

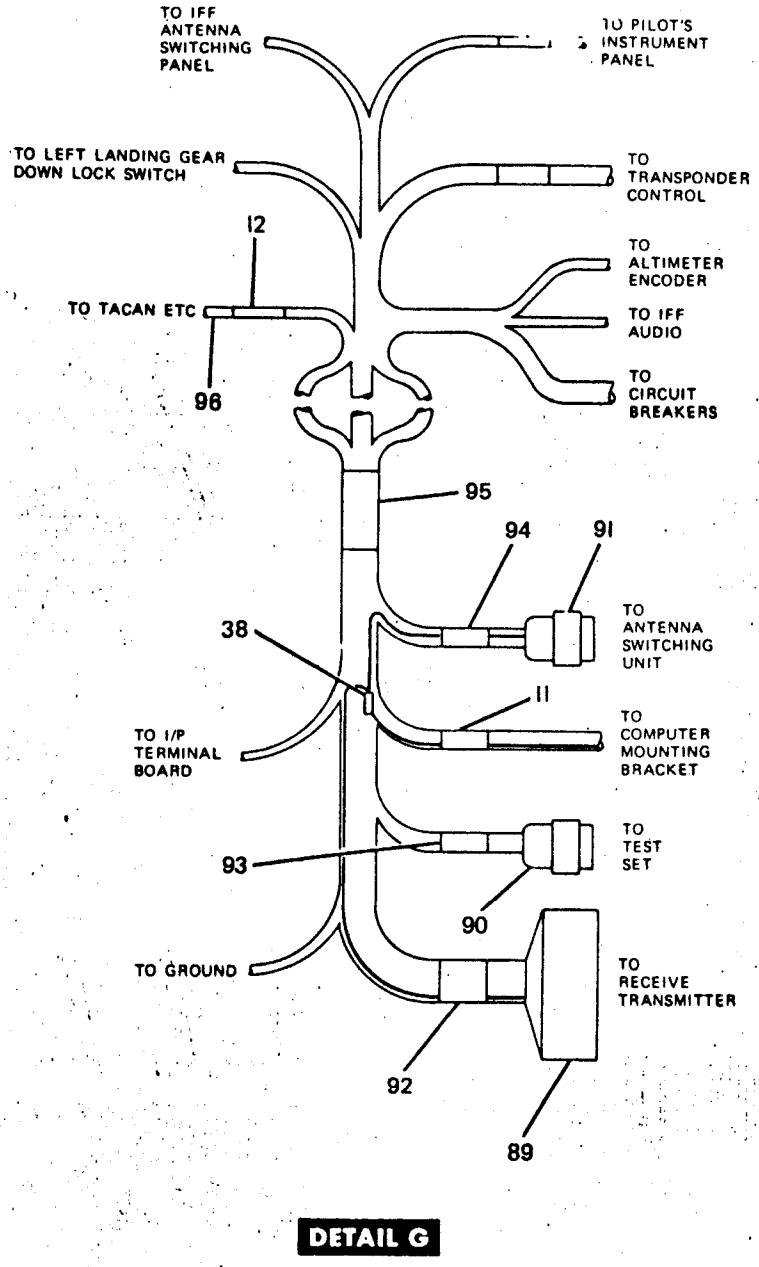


Figure 167U. AIMS IFF Cable Installation 796-8775-001 (Sheet 4 of 4)

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
167U	796-8775-001	CABLE INSTALLATION /SEE FIG. 167H. FOR NHA/.	REF	A
- 1	MS24266R22855S	. CONNECTOR /96906/ P201.	1	
- 2	MS3126F16-26S	. CONNECTOR /96906/ P202.	1	
- 3	31-323	. CONNECTOR, PLUG, ELEC /74868/ 357-7469-010 P205	1	
- 4	AMPHENOL94-621	. CONNECTOR /GFE/ P203.	1	
- 5	UG1213U	. CONNECTOR /80058/	2	
- 6	MS39012-19-0001	. CONNECTOR /96906/	2	
- 7	UG212CU	. CONNECTOR /80058/	2	
- 8	796-8755-008	. MARKER, CABLE, P201	1	
- 9	796-8755-009	. MARKER, CABLE, P202	1	
- 10	796-8755-042	. MARKER, CABLE, P205	1	
- 11	796-8755-007	. MARKER, CABLE, P203	1	
- 12	796-8755-001	. MARKER, CABLE, APX-72 SUP-IN.	1	
- 13	MS35207-268	. SCREW /96906/	6	
- 14	MS35207-265	. SCREW /96906/	1	
- 15	MS35207-263	. SCREW /96906/	271	
- 16	AN960-10	. WASHER /88044/.	325	
- 17	MS35338-100	. WASHER /96906/.	27	
- 18	AN315-3R	. NUT /88044/	6	
- 19	MS21044N3	. NUT /96906/	271	
- 20	NAS679A3	. NUT /80205/	21	
- 21	MS25008-1	. SWITCH /96906/.	1	
- 22	MS21919WDG12	. CLAMP /96906/	4	
- 23	MS21919WDG13	. CLAMP /96906/	2	
- 24	MS21919WDG7	. CLAMP /96906/	61	
- 25	MS21919WDG4	. CLAMP /96906/	24	
- 26	MS21919WDG18	. CLAMP /96906/	5	
- 27	MS21919WDG19	. CLAMP /96906/	5	
- 28	MS21919WDG6	. CLAMP /96906/	58	
- 29	MS21919WDG20	. CLAMP /96906/	2	
- 30	MS21919WDG9	. CLAMP /96906/	1	
- 31	MS21919WDG17	. CLAMP /96906/	1	
- 32	MS21919WDG22	. CLAMP /96906/	5	
- 33	MS21919WDG5	. CLAMP /96906/	5	
- 34	NAS43DD3-16	. SPACER /80205/.	1	
- 35	MS25036-103	. TERMINAL /96906/.	21	
- 36	MS25036-149	. TERMINAL /96906/.	7	
- 37	MS25036-102	. TERMINAL /96906/.	14	
- 38	MS25181-2	. SPLICE /96906/.	1	
- 39	2-323931-2	. FERRULE, RF CA /00779/ 304-0603-000	2	
- 40	MS21266-2N	. CHANNEL /96906/	AR	
- 41	AN743-12	. BRACKET /88044/	111	
- 42	796-8728-002	. CABLE ASSEMBLY, BOTTOM ANTENNA TEST TO NO. 1 TEST JACK W6	1	
- 43	MS3516B-88E	. . CONNECTOR /96906/	1	
- 44	796-8755-023	. . MARKER, CABLE, NO. 23	1	
- 45	796-8755-048	. . MARKER, CABLE, NO. 48	1	
- 46	796-8755-026	. . MARKER, CABLE, NO. 26	1	
- 47	RG223U	. . CABLE /80058/	AR	
- 48	796-8752-002	. CABLE ASSEMBLY, TOP ANTENNA TEST TO NO. 2 TEST JACK W7.	1	
- 49	MS390121-16-0001	. . CONNECTOR /96906/	1	
- 50	796-8755-025	. . MARKER, CABLE, NO. 25	1	
- 51	796-8755-049	. . MARKER, CABLE, NO. 49	1	
- 52	796-8755-026	. . MARKER, CABLE, NO. 26	1	
- 53	RG223U	. . CABLE /80058/	AR	
- 54	796-8726-002	. CABLE ASSEMBLY, ANTENNA SWITCHING UNIT TO BOTTOM ANTENNA W4	1	
- 55	UG1213U	. . CONNECTOR /80058/	1	
- 56	796-8755-018	. . MARKER, CABLE, NO. 18	1	
- 57	796-8755-046	. . MARKER, CABLE, NO. 46	1	
- 58	796-8755-040	. . MARKER, CABLE, NO. 40	1	
- 59	796-8755-017	. . MARKER, CABLE, NO. 17	1	
- 60	RG225U	. . CABLE /80058/	AR	
- 61	796-8727-002	. CABLE ASSEMBLY, ANTENNA SWITCHING UNIT TO TOP ANTENNA W5.	1	
- 62	UG212CU	. . CONNECTOR /80058/	1	
- 63	UG1213U	. . CONNECTOR /80058/	1	
- 64	796-8755-021	. . MARKER, CABLE, NO. 21	1	
- 65	796-8755-047	. . MARKER, CABLE, NO. 47	1	
- 66	796-8755-041	. . MARKER, CABLE, NO. 41	1	
- 67	796-8755-020	. . MARKER, CABLE, NO. 20	1	
- 68	RG225U	. . CABLE /80058/	AR	
- 69	796-8724-002	. CABLE ASSEMBLY, ANTENNA RECEIVER TRANSMITTER W2	1	
- 70	UG1185U	. . CONNECTOR /80058/	2	
- 71	796-8755-012	. . MARKER, CABLE, NO. 12	1	
- 72	796-8755-044	. . MARKER, CABLE, NO. 44	1	
- 73	796-8755-038	. . MARKER, CABLE, NO. 38	1	
- 74	796-8755-011	. . MARKER, CABLE, NO. 11	1	
- 75	RG225U	. . CABLE /80058/	AR	
- 76	796-8725-002	. CABLE ASSEMBLY, TEST SET TO ANTENNA SWITCHING UNIT W3	1	
- 77	UG1213U	. . CONNECTOR /80058/	1	
- 78	UG1185AU	. . CONNECTOR /80058/	1	
- 79	796-8755-015	. . MARKER, CABLE, NO. 15	1	
- 80	796-8755-045	. . MARKER, CABLE, NO. 45	1	
- 81	796-8755-039	. . MARKER, CABLE, NO. 39	1	
- 82	796-8755-014	. . MARKER, CABLE, NO. 14	1	
- 83	RG225U	. . CABLE /80058/	AR	
- 84	796-8753-001	. CABLE ASSEMBLY, COPILOT ALTIMETER W8.	1	
- 85	MS24266R1085S	. . CONNECTOR /96906/	1	
- 86	796-8755-002	. . MARKER, CABLE, NO. 2.	1	
- 87	796-8755-050	. . MARKER, CABLE, NO. 50	1	
- 88	796-8779-001	. CABLE ASSEMBLY, C-470 W1.	1	
- 89	DPJM37422-156	. . CONNECTOR /71468/ 370-2465-010 1P1.	1	

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
167U - 90	MS24266R12B12S	. . . CONNECTOR /96906/ TS-P1	1	
- 91	MS3106R14S5S	. . . CONNECTOR /96906/ SU-P1	1	
- 92	796-8755-005	. . . MARKER, CABLE, NO. 5.	1	
- 93	796-8755-006	. . . MARKER, CABLE, NO. 6.	1	
- 94	796-8755-004	. . . MARKER, CABLE, NO. 4.	1	
- 95	796-8755-003	. . . MARKER, CABLE, NO. 3.	1	
- 96	RG195AU	. . . CABLE /80058/	AR	

A C-47D

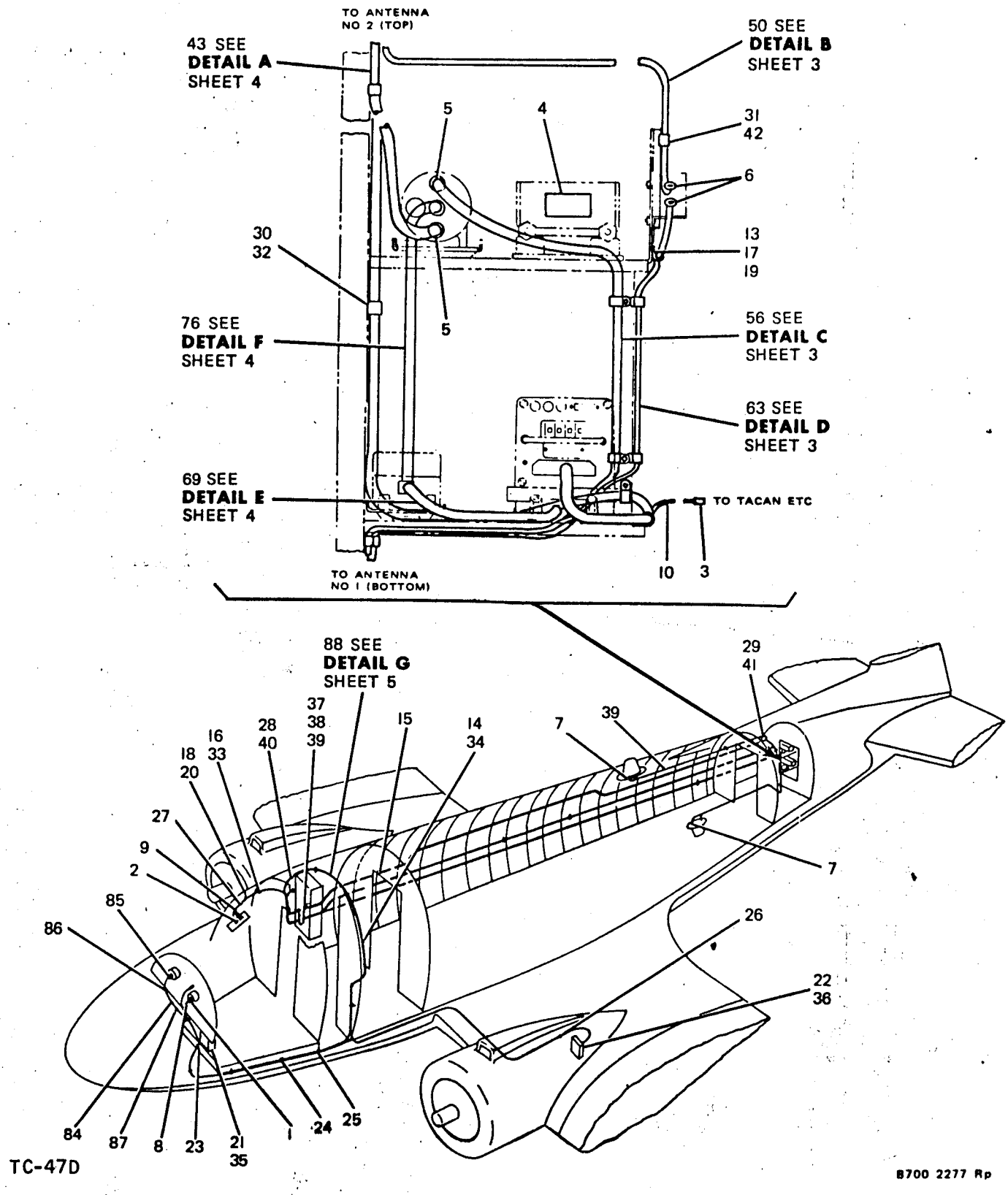


Figure 167V. AIMS IFF Cable Installation 796-8793-001 (Sheet 1 of 4)

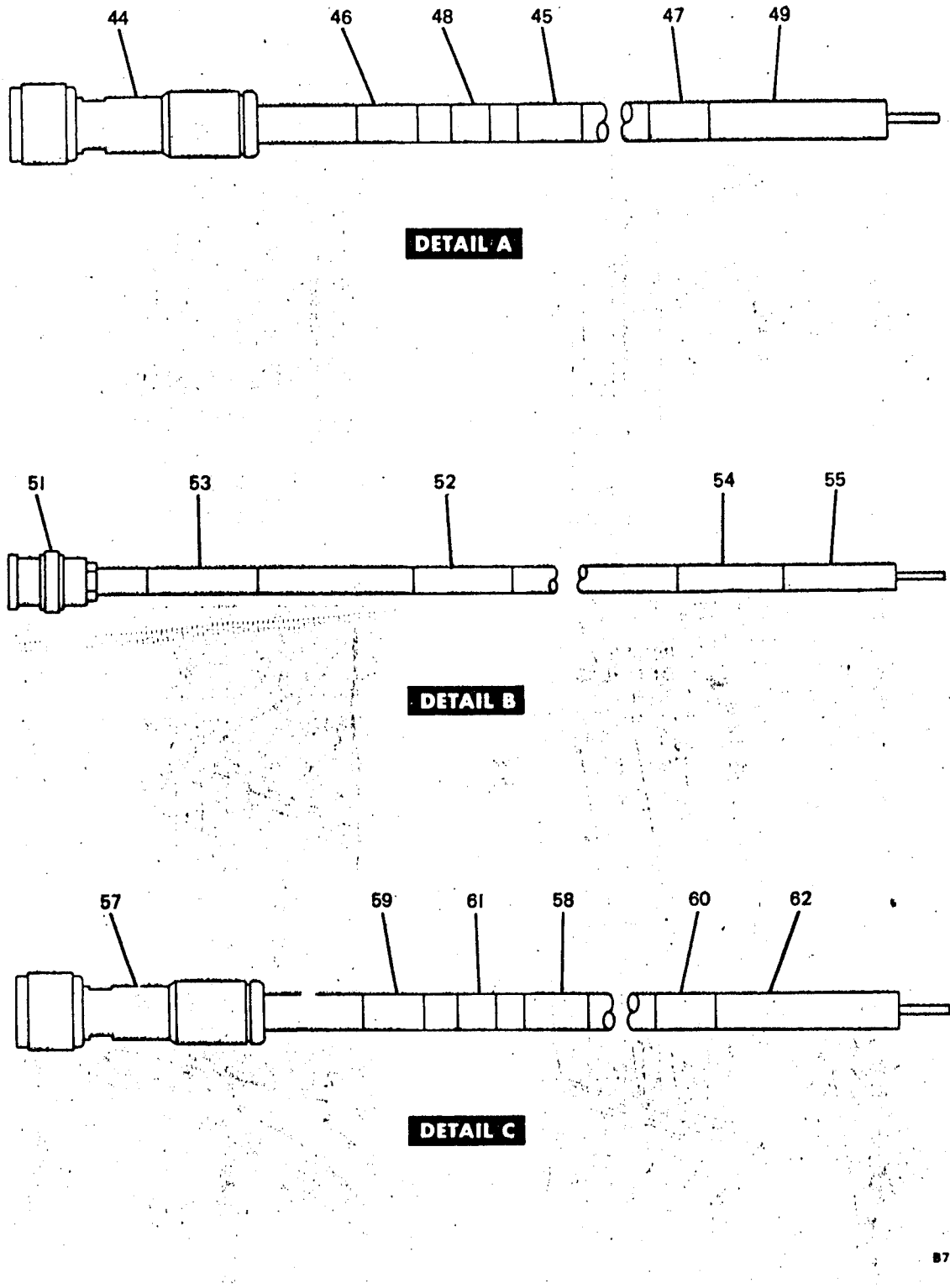
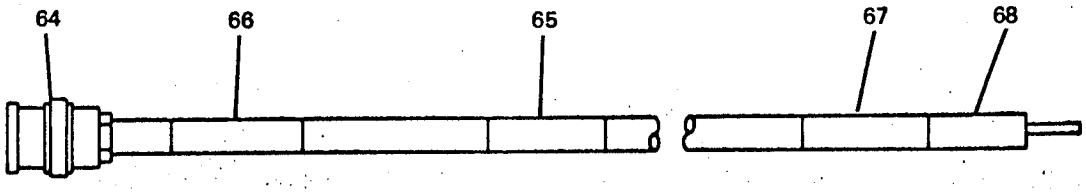
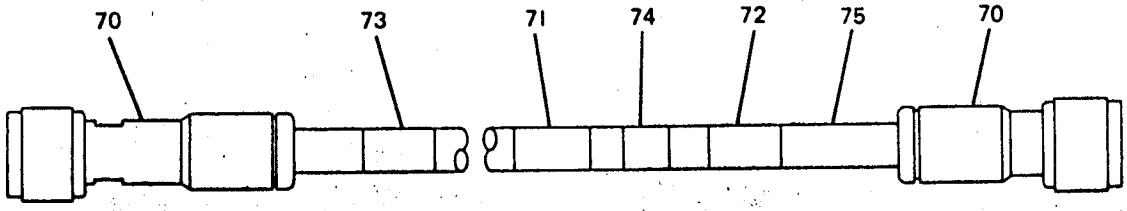


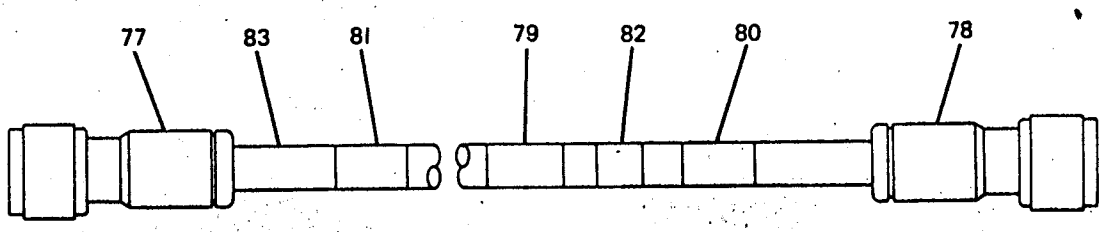
Figure 167V. AIMS IFF Cable Installation 796-8793-001 (Sheet 2 of 4)



DETAIL D



DETAIL E



DETAIL F

8700 2632 Rp

Figure 167V. AIMS IFF Cable Installation 796-8793-001 (Sheet 3 of 4)

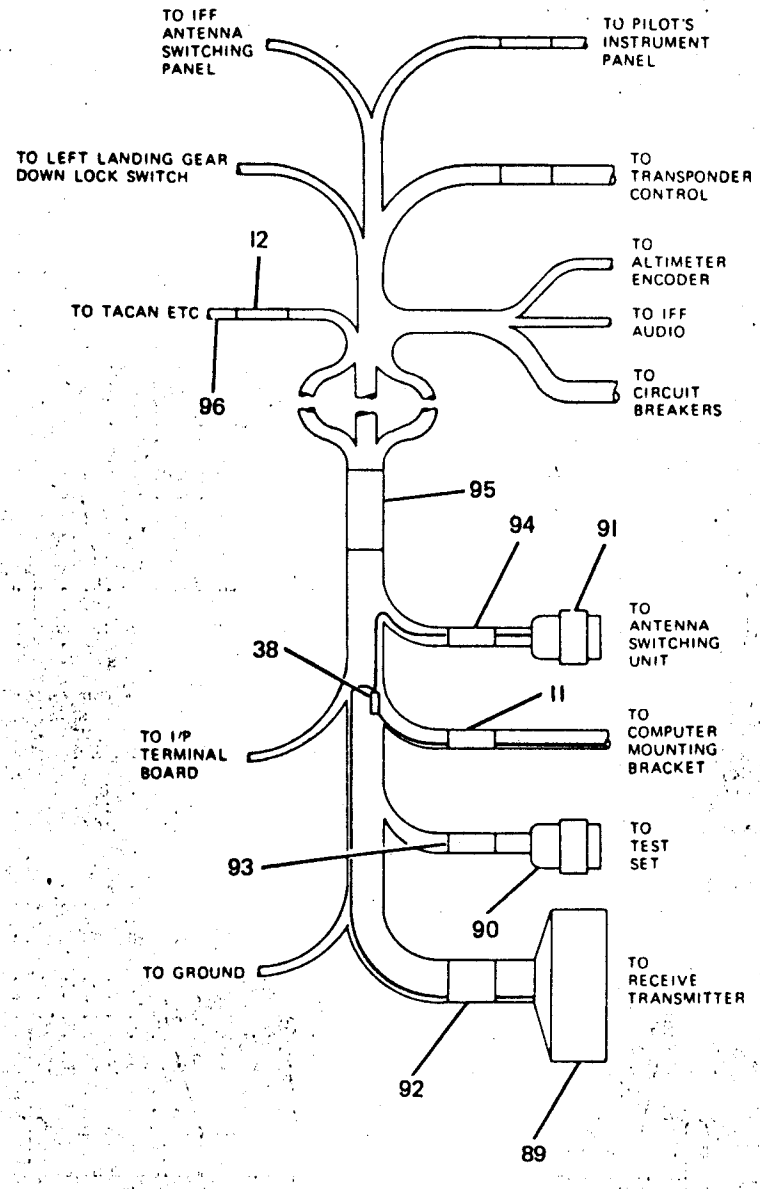


Figure 167V. AIMS IFF Cable Installation 796-8793-001 (Sheet 4 of 4)

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
			REF	B
167V	796-8793-001	CABLE INSTALLATION /SEE FIGURE 167H FOR NHA/	1	
- 1	MS3126F16-26S	. CONNECTOR /96906/ P202	1	
- 2	MS24266R22B55S	. CONNECTOR /96906/ P201	1	
- 3	31-323	. CONNECTOR, PLUG, ELEC /74868/ 357-7469-010 P205	2	
- 4	AMPHENOL94-621	. CONNECTOR /GFE/ P203	2	
- 5	UG1213U	. CONNECTOR /80058/	2	
- 6	MS39012-19-0001	. CONNECTOR /96906/	1	
- 7	UG212CU	. CONNECTOR /80058/	1	
- 8	796-8755-009	. MARKER, CABLE, P202	1	
- 9	796-8755-008	. MARKER, CABLE, P201	1	
- 10	796-8755-042	. MARKER, CABLE, P205	1	
- 11	796-8755-007	. MARKER, CABLE, P203	186	
- 12	796-8755-001	. MARKER, CABLE, APX-72 SUP-IN	7	
- 13	MS35207-263	. SCREW /96906/	7	
- 14	MS35207-268	. SCREW /96906/	1	
- 15	MS35207-265	. SCREW /96906/	213	
- 16	MS35207-270	. SCREW /96906/	8	
- 17	AN960-10	. WASHER /88044/	189	
- 18	MS35338-100	. WASHER /96906/	6	
- 19	MS21044N3	. NUT /96906/	6	
- 20	AN315-3R	. NUT /88044/	1	
- 21	NAS679A3	. NUT /80205/	2	
- 22	MS25008-1	. SWITCH /96906/	4	
- 23	MS21919WDG20	. CLAMP /96906/	5	
- 24	MS21919WDG18	. CLAMP /96906/	14	
- 25	MS21919WDG19	. CLAMP /96906/	3	
- 26	MS21919WDG6	. CLAMP /96906/	39	
- 27	MS21919WDG21	. CLAMP /96906/	18	
- 28	MS21919WDG8	. CLAMP /96906/	8	
- 29	MS21919WDG7	. CLAMP /96906/	30	
- 30	MS21919WDG12	. CLAMP /96906/	7	
- 31	MS21919WDG3	. CLAMP /96906/	1	
- 32	NAS43DD3-16	. SPACER /80205/	1	
- 33	NAS43DD3-80	. SPACER /80205/	22	
- 34	NAS43DD3-48	. SPACER /80205/	13	
- 35	MS25036-103	. TERMINAL /96906/	7	
- 36	MS25036-102	. TERMINAL /96906/	1	
- 37	MS25036-149	. TERMINAL /96906/	2	
- 38	MS25181-2	. SPLICE /96906/	2	
- 39	2-323931-2	. FERRULE, RF CA /00779/ 304-0603-000	AR	
- 40	MS35489-17	. GROMMET /96906/	74	
- 41	MS21266-2N	. CHANNEL /96906/	1	
- 42	AN743-12	. BRACKET /88044/	1	
- 43	796-8727-001	. CABLE ASSEMBLY, ANTENNA SWITCHING UNIT TO TOP ANTENNA W5	1	
- 44	UG1213U	. . CONNECTOR /80058/	1	
- 45	796-8755-021	. . MARKER, CABLE, NO. 21	1	
- 46	796-8755-019	. . MARKER, CABLE, NO. 19	1	
- 47	796-8755-041	. . MARKER, CABLE, NO. 41	1	
- 48	796-8755-020	. . MARKER, CABLE, NO. 20	AR	
- 49	RG225U	. . CABLE /80058/	1	
- 50	796-8752-001	. CABLE ASSEMBLY, TOP ANTENNA TEST TO NO. 2 TEST JACK W7	1	
- 51	MS3516A-88E	. . CONNECTOR /96906/	1	
- 52	796-8755-025	. . MARKER, CABLE, NO. 25	1	
- 53	796-8755-024	. . MARKER, CABLE, NO. 24	1	
- 54	796-8755-026	. . MARKER, CABLE, NO. 26	AR	
- 55	RG223U	. . CABLE /80058/	1	
- 56	796-8726-002	. CABLE ASSEMBLY, ANTENNA SWITCHING UNIT TO BOTTOM ANTENNA W4	1	
- 57	UG1213U	. . CONNECTOR /80058/	1	
- 58	796-8755-018	. . MARKER, CABLE, NO. 18	1	
- 59	796-8755-016	. . MARKER, CABLE, NO. 16	1	
- 60	796-8755-040	. . MARKER, CABLE, NO. 40	1	
- 61	796-8755-017	. . MARKER, CABLE, NO. 17	AR	
- 62	RG225U	. . CABLE /80058/	1	
- 63	796-8728-001	. CABLE ASSEMBLY, BOTTOM ANTENNA TEST TO NO. 1 TEST JACK W6	1	
- 64	MS35168-88E	. . CONNECTOR /96906/	1	
- 65	796-8755-023	. . MARKER, CABLE, NO. 23	1	
- 66	796-8755-022	. . MARKER, CABLE, NO. 22	1	
- 67	796-8755-026	. . MARKER, CABLE, NO. 26	AR	
- 68	RG223U	. . CABLE /80058/	1	
- 69	796-8724-001	. CABLE ASSEMBLY, ANTENNA RECEIVER TRANSMITTER W2	2	
- 70	UG1185U	. . CONNECTOR /80058/	1	
- 71	796-8755-012	. . MARKER, CABLE, NO. 12	1	
- 72	796-8755-010	. . MARKER, CABLE, NO. 10	1	
- 73	796-8755-038	. . MARKER, CABLE, NO. 38	1	
- 74	796-8755-011	. . MARKER, CABLE, NO. 11	AR	
	RG225U	. . CABLE /80058/	1	
		. CABLE ASSEMBLY, TEST SET TO ANTENNA SWITCHING UNIT W3	1	
		. . CONNECTOR /80058/	1	
- 78	UG1185AU	. . CONNECTOR /80058/	1	
- 79	796-8755-013	. . MARKER, CABLE, NO. 13	1	
- 80	796-8755-039	. . MARKER, CABLE, NO. 39	1	
- 81	796-8755-014	. . MARKER, CABLE, NO. 14	AR	
- 82	RG223U	. . CABLE /80058/	1	
- 83	[illegible]	. . [illegible]	1	
- 86	[illegible]	. . MARKER, CABLE, NO. 2	1	
- 87	796-8755-050	. . MARKER, CABLE, NO. 50	1	
- 88	796-8751-002	. CABLE ASSEMBLY, APX-72, TC-47D W1	1	
- 89	DPJM37422-156	. . CONNECTOR /71468/ 370-2465-010 1P1	1	

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
167V - 90	MS24266R12B12S	. . CONNECTOR /96906/ TS-P1	1	
- 91	MS3106R14S5S	. . CONNECTOR /96906/ SU-P1	1	
- 92	796-8755-005	. . MARKER, CABLE, NO. 5.	1	
- 93	796-8755-006	. . MARKER, CABLE, NO. 6.	1	
- 94	796-8755-004	. . MARKER, CABLE, NO. 4.	1	
- 95	796-8755-053	. . MARKER, CABLE, NO. 53	1	
- 96	RG195AU	. . CABLE /80058/	AR	

B TC-47D

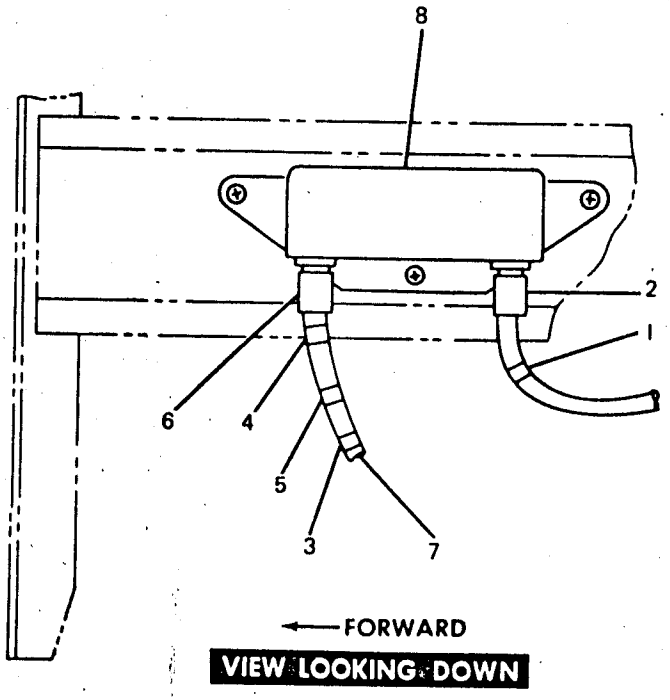


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Figure 167W. AIM IFF Filter Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
167W	796-8924-001	FILTER INSTALLATION /SEE FIGURE 167H, FOR NHA/	REF	
- 1	796-8836-019	. MARKER, CABLE	1	
- 2	UG939AU	. CONNECTOR /80058/	1	
	796-8923-001	. CABLE ASSEMBLY, FILTER.	1	
- 3	796-8836-016	. . MARKER, CABLE, P1405.	1	
- 4	796-8836-017	. . MARKER, CABLE, NO. 17	1	
- 5	796-8836-015	. . MARKER, CABLE, ASSY W40	1	
- 6	UG959AU	. . CONNECTOR /80058/	1	
- 7	RG214U	. . CABLE /80058/	9 AR	
- 8	S230WMTGPL	. FILTER, LP /70998/ 241-0283-000	1	
	MS35206-229	. SCREW /96906/ /AP/.	3	
	AN960C6	. WASHER /88044/ /AP/	3	
	MS21044N06	. NUT /96906/ /AP/.	3	

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
167W	796-8924-001	FILTER INSTALLATION /SEE FIGURE 167H, FOR NHA/	REF	
- 1	796-8836-019	. MARKER, CABLE	1	
- 2	UG959AU	. CONNECTOR /80058/	1	
	796-8923-001	. CABLE ASSEMBLY, FILTER	1	
- 3	796-8836-016	. . MARKER, CABLE, P1405	1	
- 4	796-8836-017	. . MARKER, CABLE, NO. 17	1	
- 5	796-8836-015	. . MARKER, CABLE, ASSY W40	1	
- 6	UG959AU	. . CONNECTOR /80058/	1	
- 7	RG214U	. . CABLE /80058/	AR	
- 8	S238WMTGPL	. FILTER, LP /70998/ 241-0283-000	1	
	MS35206-229	. SCREW /96906/ /AP/	3	
	AN960C6	. WASHER /88044/ /AP/	3	
	MS21044N06	. NUT /96906/ /AP/	3	

TECHNICAL MANUAL

ILLUSTRATED PARTS BREAKDOWN

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Basic And All Changes (Excluding Tops Changes) Have Been Merged To Make This A Complete Publication.

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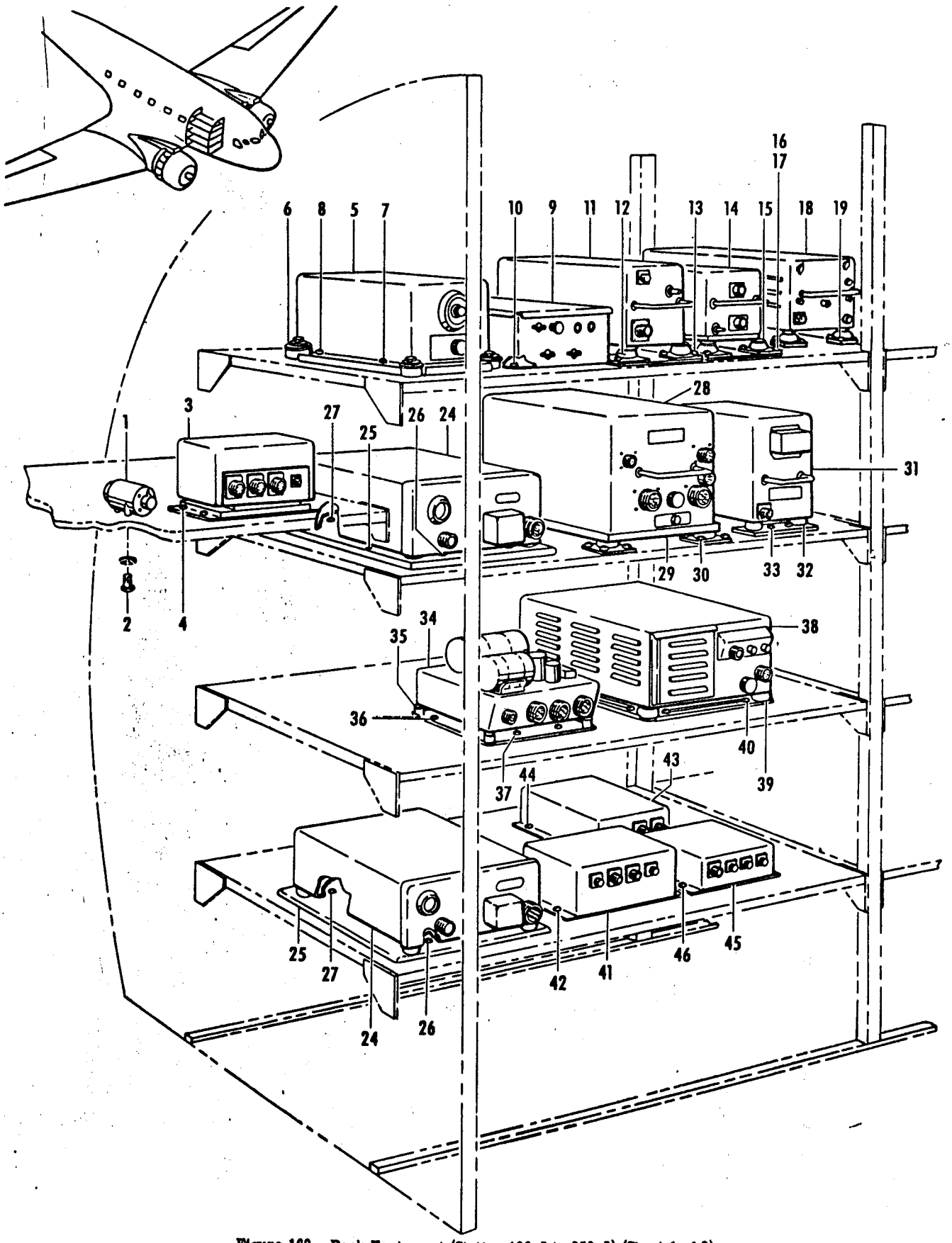

Figure 168. Rack Equipment (Station 136.5 to 258.5) (Sheet 1 of 2)

V4-44

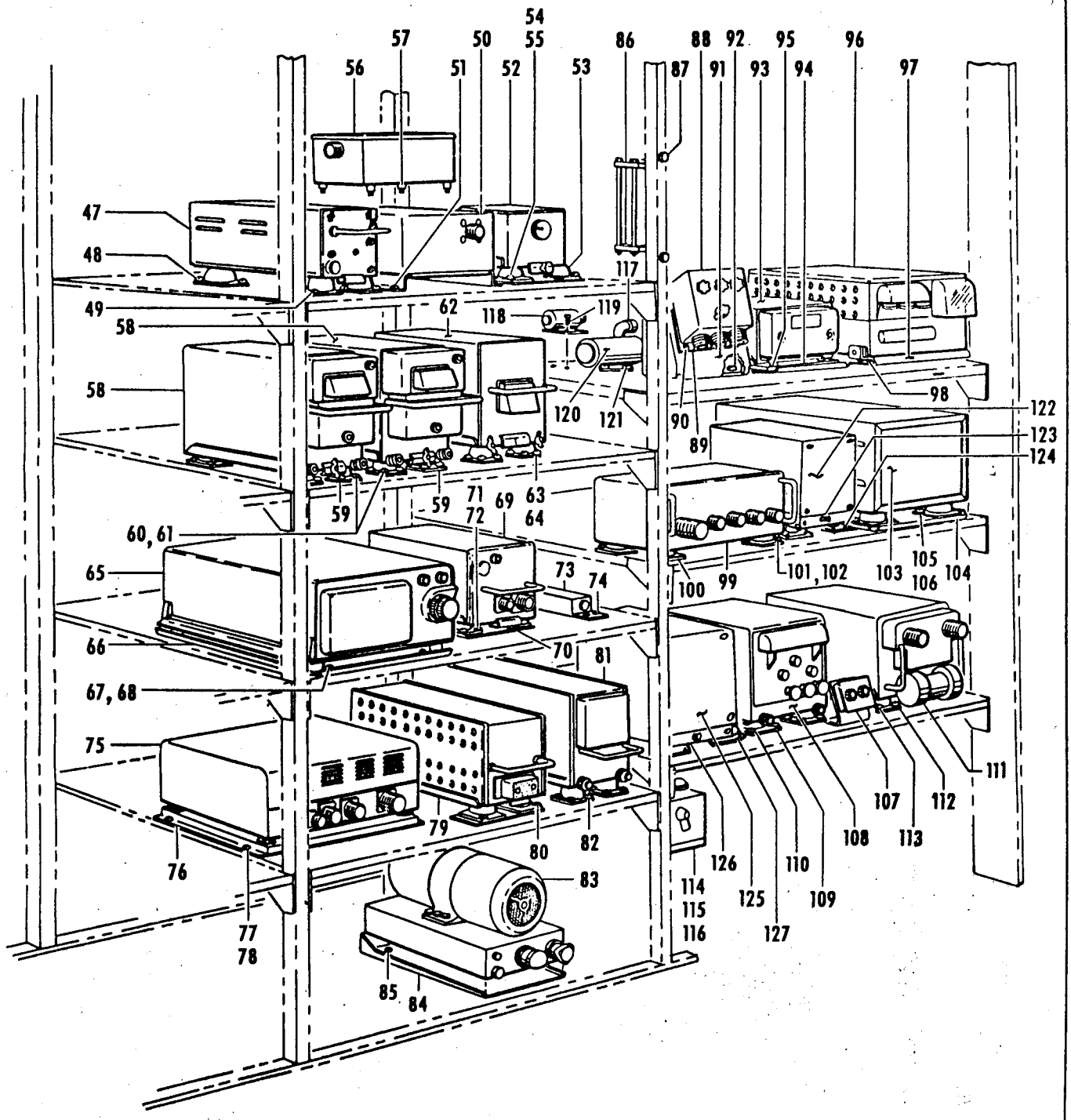

Figure 168. Rack Equipment (Station 136.5 to 258.5) (Sheet 2 of 2)

V4-45

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
168	520CJ8001	EQUIPMENT INSTL, RACK (STA 136.5 TO 258.5)	1	A
		(SEE T.O. 1C-47(E)D-501)		
- 1	15505-1A1	CONTROL, ALTITUDE (06848)	1	A
		(ATTACHING PARTS)		
- 2	MS51958-26	SCREW, (ALT PN AN520C6-4)	3	A
	MS35333-36	WASHER, (ALT PN AN936D6)	3	A
- 3	16500-1A	AMPLIFIER, SINGLE CHANNEL (TYPE A-1) (19315)	1	A
		(ATTACHING PARTS)		
- 4	MS35207-263	SCREW, (ALT PN AN520DD10R8)	4	A
	MS35333-39	WASHER, (ALT PN AN936D10)	8	A
	MS21044D3	NUT, (ALT PN AN365D1032)	4	A
- 5	BC453	RECEIVER, (GFAE)	1	A
- 6	FT233	MOUNT, (GFAE)	1	A
		(ATTACHING PARTS)		
- 7	MS35207-263	SCREW, (ALT PN AN520DD10R8)	6	A
- 8	MS35207-264	SCREW, (ALT PN AN520DD10R10)	2	A
	MS35333-39	WASHER, (ALT PN AN936D10)	8	A
	MS21044D3	NUT, (ALT PN AN365D1032)	8	A
- 9	520CD9816	BOX, RELAY JUNCTION	1	A
		(ATTACHING PARTS)		
- 10	MS35207-263	SCREW, (ALT PN AN520DD10R8)	4	A
	MS35333-39	WASHER, (ALT PN AN936D10)	4	A
	MS21044D3	NUT, (ALT PN AN365D1032)	4	A
- 11	R603/ARN36	RECEIVER, RADIO (GFAE)	1	A
- 12	FT293A	MOUNT, (GFAE)	1	A
		(ATTACHING PARTS)		
- 13	MS35207-263	SCREW, (ALT PN AN520DD10R8)	8	A
	MS35333-39	WASHER, (ALT PN AN936D10)	8	A
	MS21044D3	NUT, (ALT PN AN365D1032)	8	A
- 14	R606/ARN39	RECEIVER, RADIO (GFAE)	1	A
- 15	MT28/ARN5	MOUNT, (GFAE)	1	A
		(ATTACHING PARTS)		
- 16	MS35207-263	SCREW, (ALT PN AN520DD10R8)	6	A
- 17	MS35207-264	SCREW, (ALT PN AN520DD10R10)	2	A
	MS35333-39	WASHER, (ALT PN AN936D10)	8	A
	MS21044D3	NUT, (ALT PN AN365D1032)	8	A
- 18	AM1068/A	AMPLIFIER AND MOUNT	1	A
		(ATTACHING PARTS)		
- 19	MS35207-264	SCREW, (ALT PN AN520DD10R10)	8	A
	MS35333-39	WASHER, (ALT PN AN936D10)	8	A
	MS21044D3	NUT, (ALT PN AN365D1032)	8	A
- 20	DELETED			
- 21	DELETED			
- 22	DELETED			
- 23	DELETED			
- 24	R5/ARN7	COMPASS UNIT, (GFAE)	2	A
- 25	FT213	MOUNT, (GFAE)	2	A
		(ATTACHING PARTS)		
- 26	MS35207-263	SCREW, (ALT PN AN520DD10R8)	6	A
- 27	MS35207-264	SCREW, (ALT PN AN520DD10R10)	6	A
	MS35333-39	WASHER, (ALT PN AN936D10)	12	A
	MS21044D3	NUT, (ALT PN AN365D1032)	12	A
- 28	SN59/APS42	SYNCHRONIZER, (GFAE)	1	A
- 29	MT639/APS42	MOUNT, (GFAE)	1	A
		(ATTACHING PARTS)		
- 30	MS35207-264	SCREW, (ALT PN AN520DD10R10)	16	A
	MS35333-39	WASHER, (ALT PN AN936D10)	16	A
	MS21044D3	NUT, (ALT PN AN365D1032)	16	A
- 31	R604/ARN37	RECEIVER, RADIO (GFAE)	1	A
- 32	MT691/ARN18	MOUNT, (GFAE)	1	A
		(ATTACHING PARTS)		
- 33	MS35207-263	SCREW, (ALT PN AN520DD10R8)	4	A
	MS35333-39	WASHER, (ALT PN AN936D10)	4	A
	MS21044D3	NUT, (ALT PN AN365D1032)	4	A
- 34	J68/ARC3	BOX, POWER JUNCTION (GFAE)	1	A
- 35	MT236/ARC3	MOUNT, (GFAE)	1	A
		(ATTACHING PARTS)		
- 36	MS35207-264	SCREW, (ALT PN AN520DD10R10)	6	A
- 37	MS35207-263	SCREW, (ALT PN AN520DD10R8)	2	A
	MS35333-39	WASHER, (ALT PN AN936D10)	8	A
	MS21044D3	NUT, (ALT PN AN365D1032)	8	A
- 38	T67/ARC3	TRANSMITTER, RADIO (GFAE)	1	A
- 39	MT238A/ARC3	MOUNT, (GFAE)	1	A
		(ATTACHING PARTS)		
- 40	MS35207-263	SCREW, (ALT PN AN520DD10R8)	8	A
	MS35333-39	WASHER, (ALT PN AN936D10)	8	A

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
168	MS21044D3	NUT, (ALT PN AN365D1032)	8	A
		1-2-3-4-5-6-7		
- 41	DR18	AMPLIFIER, ADAPTER (06848)	1	A
		(ATTACHING PARTS)		
- 42	MS51958-63	SCREW, (ALT PN AN520C10-8)	4	A
	MS35333-39	WASHER, (ALT PN AN936D10)	4	A
	MS21044D3	NUT, (ALT PN AN365D1032)	4	A
		1-2-3-4-5-6-7		
- 43	15202-A2	ADAPTER, TRIM TAB (06848)	1	A
		(ATTACHING PARTS)		
- 44	MS51958-63	SCREW, (ALT PN AN520C10-8)	4	A
	MS35333-39	WASHER, (ALT PN AN936D10)	4	A
	MS21044D3	NUT, (ALT PN AN365D1032)	4	A
		1-2-3-4-5-6-7		
- 45	DR10	BOX, POWER JUNCTION (06848)	1	A
		(ATTACHING PARTS)		
- 46	MS51958-44	SCREW, (ALT PN AN520C8-7)	4	A
	MS35333-38	WASHER, (ALT PN AN936D8)	4	A
	MS21044D08	NUT, (ALT PN AN365D832)	4	A
		1-2-3-4-5-6-7		
- 47	AM1068/A	AMPLIFIER AND MOUNT	1	A
		(ATTACHING PARTS)		
- 48	MS35207-264	SCREW, (ALT PN AN520DD10R10)	2	A
- 49	MS35207-263	SCREW, (ALT PN AN520DD10R8)	6	A
	MS35333-39	WASHER, (ALT PN AN936D10)	8	A
	MS21044D3	NUT, (ALT PN AN365D1032)	8	A
		1-2-3-4-5-6-7		
- 50	35900-1A1A1	AMPLIFIER, CMPS SIGNAL POWER (TYPE C-1) (19315)	1	A
		(ATTACHING PARTS)		
- 51	MS35207-263	SCREW, (ALT PN AN520DD10R8)	4	A
	MS35333-39	WASHER, (ALT PN AN936D10)	4	A
	MS21044D3	NUT, (ALT PN AN365D1032)	4	A
		1-2-3-4-5-6-7		
- 52	AM26( )/A1C	AMPLIFIER, INTERPHONE (GFAE)	1	A
- 53	MT28/ARN5	MOUNT, (GFAE)	1	A
		(ATTACHING PARTS)		
- 54	MS35218-43	SCREW, (ALT PN AN515DD8R10)	2	A
- 55	MS35218-42	SCREW, (ALT PN AN515DD8R8)	6	A
	AN960D8	WASHER, (ALT PN AN960A8)	8	A
	MS21044D08	NUT, (ALT PN AN365D832)	8	A
		1-2-3-4-5-6-7		
- 56	520CD9826	BOX ASSY, MARKING PEN ADAPTER (SEE FIG. 169 FOR DETAILS)	1	A
		(ATTACHING PARTS)		
- 57	MS35207-267	SCREW, (ALT PN AN520DD10R16)	4	A
	MS35333-39	WASHER, (ALT PN AN936D10)	4	A
	48B24094-3-32	SPACER	4	A
	MS21044D3	NUT, (ALT PN AN365D1032)	4	A
		1-2-3-4-5-6-7		
- 58	R605/ARN38	RECEIVER, RADIO (GFAE)	2	A
- 59	MT627/ARN14	MOUNT, (GFAE)	2	A
		(ATTACHING PARTS)		
- 60	MS35207-263	SCREW, (ALT PN AN520DD10R8)	16	A
- 61	MS35207-264	SCREW, (ALT PN AN520DD10R10)	16	A
	MS35333-39	WASHER, (ALT PN AN936D10)	32	A
	MS21044D3	NUT, (ALT PN AN365D1032)	32	A
		1-2-3-4-5-6-7		
- 62	DY66/ARN14	DYNAMOTOR UNIT, (GFAE)	1	A
		(ATTACHING PARTS)		
- 63	MS35207-263	SCREW, (ALT PN AN520DD10R8)	12	A
- 64	MS35207-264	SCREW, (ALT PN AN520DD10R10)	4	A
	MS35333-39	WASHER, (ALT PN AN936D10)	16	A
	MS21044D3	NUT, (ALT PN AN365D1032)	16	A
		1-2-3-4-5-6-7		
- 65	R77A/ARC3	RECEIVER, RADIO (GFAE)	1	A
- 66	MT237B/ARC3	MOUNT, (GFAE)	1	A
		(ATTACHING PARTS)		
- 67	MS35207-263	SCREW, (ALT PN AN520DD10R8)	4	A
- 68	MS35207-264	SCREW, (ALT PN AN520DD10R10)	4	A
	MS35333-39	WASHER, (ALT PN AN936D10)	8	A
	MS21044D3	NUT, (ALT PN AN365D1032)	8	A
		1-2-3-4-5-6-7		
- 69	R122/ARN12	RECEIVER, RADIO (GFAE)	1	A
- 70	FT161	MOUNT, (GFAE)	1	A
		(ATTACHING PARTS)		
- 71	MS35207-263	SCREW, (ALT PN AN520DD10R8)	2	A
- 72	MS35207-264	SCREW, (ALT PN AN520DD10R10)	2	A
	MS35333-39	WASHER, (ALT PN AN936D10)	4	A
	MS21044D3	NUT, (ALT PN AN365D1032)	4	A
		1-2-3-4-5-6-7		
- 73	877S1	FILTER, (70998)	1	A
		(ATTACHING PARTS)		
- 74	MS35206-228	SCREW, (ALT PN AN526-632-6)	4	A
	MS21044N06	NUT, (ALT PN AN365-632)	4	A
		1-2-3-4-5-6-7		
- 75	12327-1A	AMPLIFIER, MULTIPLE CHANNEL (19315)	1	A
- 76	NO NUMBER	MOUNT, (TYPE ED-11) (19315)	1	A
		(ATTACHING PARTS)		

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
168 - 77	MS35207-263	SCREW, (ALT PN AN520DD10R8)	4	A
- 78	MS35207-264	SCREW, (ALT PN AN520DD10R10)	4	A
	MS35333-39	WASHER, (ALT PN AN936D10)	8	A
	MS21044D3	NUT, (ALT PN AN365D1032)	8	A
- 79	15403-3B	AMPLIFIER, THROTTLE SERVO (TYPE PB-10 AUTOPILOT AND MOUNT) (19315)	1	A
		(ATTACHING PARTS)		
- 80	MS35207-263	SCREW, (ALT PN AN520DD10R8)	8	A
	MS35333-39	WASHER, (ALT PN AN936D10)	8	A
	MS21044D3	NUT, (ALT PN AN365D1032)	8	A
- 81	16004-2A	COMPUTER, FLIGHT PATH (TYPE PB-10 AUTOPILOT AND MOUNT) (19315)	1	A
		(ATTACHING PARTS)		
- 82	MS35207-263	SCREW, (ALT PN AN520DD10R8)	16	A
	MS35333-39	WASHER, (ALT PN AN936D10)	16	A
	MS21044D3	NUT, (ALT PN AN365D1032)	16	A
- 83	DY17/ART13	DYNAMOTOR, (GFAE)	1	A
- 84	MT164/ART13	MOUNT, (GFAE)	1	A
		(ATTACHING PARTS)		
- 85	MS27039DD1-10	SCREW, (ALT PN AN525DD10R28)	4	A
	AN970-3	WASHER	4	A
	W14S1032	NUT, CAGE STEEL (71087)	4	A
- 86	HD63/U	DEHYDRATOR, (GFAE)	1	A
		(ATTACHING PARTS)		
- 87	AN3-21A	BOLT	2	A
	MS35333-39	WASHER, (ALT PN AN936D10)	2	A
	MS21044N3	NUT, (ALT PN AN365-1032)	2	A
- 88	C626/ARC27	CONTROL, RADIO SET (GFAE)	1	A
- 89	MT821/ARC27	MOUNT, (GFAE)	1	A
		(ATTACHING PARTS)		
- 90	MS35218-42	SCREW, (ALT PN AN515DD8R8)	4	A
- 91	520CC8145	BRACKET	1	A
		(ATTACHING PARTS)		
- 92	MS35207-264	SCREW, (ALT PN AN520DD10R10)	9	A
	MS35333-39	WASHER, (ALT PN AN936D10)	9	A
	MS21044D3	NUT, (ALT PN AN365D1032)	9	A
- 93	RD15A/ANQ1A	RECORDER, WIRE (GFAE)	1	A
- 94	MT406/ANQ1A	MOUNT, (GFAE)	1	A
		(ATTACHING PARTS)		
- 95	AN520DD8R8	SCREW	4	A
	MS35333-38	WASHER, (ALT PN AN936D8)	4	A
	MS21044D08	NUT, (ALT PN AN365D832)	4	A
- 96	T47( )/ART13	TRANSMITTER, (GFAE)	1	A
- 97	MT283/ART13	MOUNT, (GFAE)	1	A
		(ATTACHING PARTS)		
- 98	MS35218-42	SCREW, (ALT PN AN515DD8R8)	12	A
	MS35333-38	WASHER, (ALT PN AN936D8)	12	A
	MS21044D08	NUT, (ALT PN AN365D832)	12	A
- 99	RT7/APN1	TRANSMITTER, RADIO (GFAE)	1	A
-100	MT14/ARN1	MOUNT, (GFAE)	1	A
		(ATTACHING PARTS)		
-101	MS35207-263	SCREW, (ALT PN AN520DD10R8)	4	A
-102	MS35207-264	SCREW, (ALT PN AN520DD10R10)	4	A
	MS35333-39	WASHER, (ALT PN AN936D10)	8	A
	MS21044D3	NUT, (ALT PN AN365D1032)	8	A
-103	BC348E	RECEIVER, RADIO (GFAE)	1	A
-104	FT154B	MOUNT, (GFAE)	1	A
		(ATTACHING PARTS)		
-105	MS35218-42	SCREW, (ALT PN AN515DD8R8)	3	A
-106	MS35218-43	SCREW, (ALT PN AN515DD8R10)	5	A
	MS35333-38	WASHER, (ALT PN AN936D8)	8	A
	MS21044D08	NUT, (ALT PN AN365D832)	8	A
-107	APX6	LIGHT, INDICATOR (TYPE BC-727) (GFAE)	1	A
-108	RT82/APX6	RECEIVER-TRANSMITTER, (GFAE)	1	A
-109	MT362/A	MOUNT, (GFAE)	1	A
		(ATTACHING PARTS)		
-110	MS35206-245	SCREW, (ALT PN AN515-8R8)	16	A
	AN960D8	WASHER	16	A
	MS21044N08	NUT, (ALT PN AN365-832)	16	A
-111	RT178/ARC27	RECEIVER-TRANSMITTER, (GFAE)	1	A
-112	MT822/ARC27	MOUNT, (GFAE)	1	A
		(ATTACHING PARTS)		
-113	MS35207-263	SCREW, (ALT PN AN520DD10R8)	16	A
	MS35333-39	WASHER, (ALT PN AN936D10)	16	A
	MS21044D3	NUT, (ALT PN AN365D1032)	16	A

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
168				
-114	SA3/A	SWITCH, IMPACT (GFAE)	1	A
		(ATTACHING PARTS)		
-115	AN3DD11A	BOLT	2	A
-116	AN3DD24A	BOLT	1	A
	AN960D10	WASHER, (ALT PN AN960A10)	3	A
	MS21044D3	NUT, (ALT PN AN365D1032)	3	A
-117	MX1053/U	VALVE, CHECK (GFAE)	1	A
-118	SA198/U	SWITCH, (GFAE)	1	A
		(ATTACHING PARTS)		
-119	MS35206-229	SCREW, (ALT PN AN526-632-7)	4	A
	MS35338-41	WASHER, (ALT PN AN935-6)	4	A
-120	HD62/U	COMPRESSOR, AIR (GFAE)	1	A
		(ATTACHING PARTS)		
-121	MS35206-278	SCREW, (ALT PN AN526-420-7)	3	A
	MS35338-44	WASHER, (ALT PN AN935-416)	3	A
	54D21298	EQUIPMENT INSTL, AN/ARN45 (SPARE)	1	A
-122	RT361/ARN45	RECEIVER-TRANSMITTER, RADIO (GFAE)	1	A
-123	MT1608/ARN45	MOUNT, (GFAE)	1	A
		(ATTACHING PARTS)		
-124	MS35207-264	SCREW, (ALT PN AN520-10R10)	12	A
	MS35207-265	SCREW, (ALT PN AN520-10R12)	4	A
	AN960D10	WASHER	16	A
	MS21044N3	NUT, (ALT PN AN365-1032)	16	A
	54J21297	EQUIPMENT INSTL, AN/ARN45 (MAIN)	1	A
-125	RT361/ARN45	RECEIVER-TRANSMITTER, RADIO (GFAE)	1	A
-126	MT1608/ARN45	MOUNT, (GFAE)	1	A
		(ATTACHING PARTS)		
-127	MS35207-264	SCREW, (ALT PN AN520-10R10)	12	A
	MS35207-265	SCREW, (ALT PN AN520-10R12)	4	A
	AN960D10	WASHER	16	A
	MS21044N3	NUT, (ALT PN AN365-1032)	16	A
		A 528 THRU 541		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

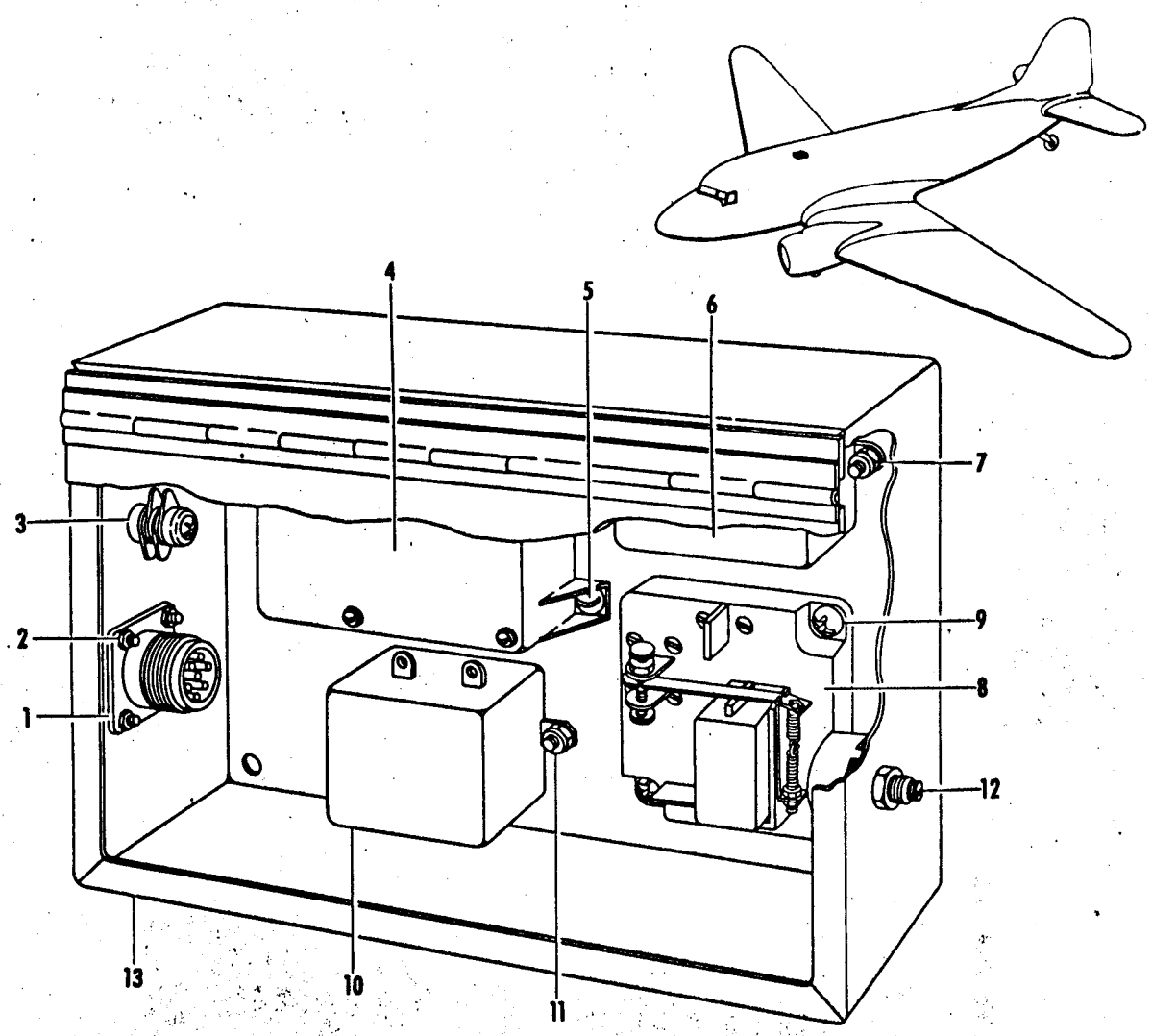

Figure 169. Marking Pen Adapter Box

V4-46

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
169	520CD9826	BOX ASSY, MARKING PEN ADAPTER (SEE FIG. 168 FOR NHA)	REF	A
- 1	MS3100E16S1P	CONNECTOR, (ALT PN AN3100C16S1P)	1	A
		(ATTACHING PARTS)		
- 2	MS35207-215	SCREW, (ALT PN AN520-4R6)	4	A
	MS20341-4	NUT, (ALT PN AN341-4)	4	A
- 3	NO NUMBER	RECTIFIER, INSTRUMENT (TYPE M) (88141)	1	A
- 4	F21/ARA9	FILTER, (GFAE)	1	A
		(ATTACHING PARTS)		
- 5	MS35207-261	SCREW, (ALT PN AN520-10-6)	4	A
	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
- 6	CB315	CAPACITOR, 0.5 UF 600 VOLTS DC (37942)	1	A
		(ATTACHING PARTS)		
- 7	MS35207-261	SCREW, (ALT PN AN520-10-6)	2	A
	MS21044N3	NUT, (ALT PN AN365-1032)	2	A
- 8	NO NUMBER	RELAY, (SIGNAL CORP TYPE BK-35)	1	A
		(ATTACHING PARTS)		
- 9	MS35207-261	SCREW, (ALT PN AN520-10R6)	2	A
	MS21044N3	NUT, (ALT PN AN365-1032)	2	A
- 10	CB304	CAPACITOR, 1 UF 400 VOLTS DC (37942)	1	A
		(ATTACHING PARTS)		
- 11	MS35207-261	SCREW, (ALT PN AN520-10-6)	2	A
	MS21044N3	NUT, (ALT PN AN365-1032)	2	A
- 12	533-010-280	POTENTIOMETER, 5000 OHMS (71590)	1	A
- 13	520CD9827	BOX, MARKING PEN ADAPTER	1	A
		A 528 THRU 541		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

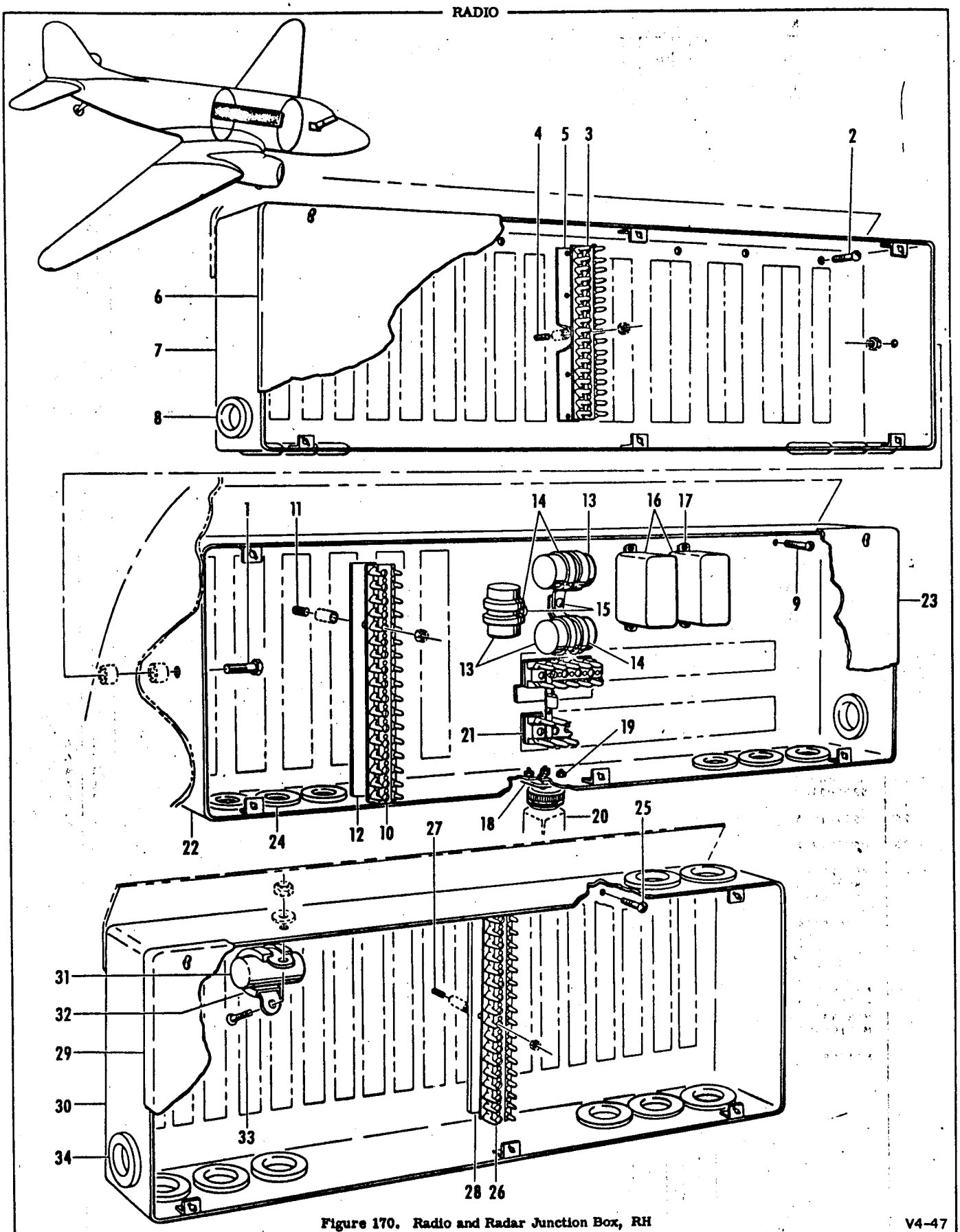

Figure 170. Radio and Radar Junction Box, RH

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FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
170	520CH8005	BOX INSTL, RADIO AND RADAR JUNCTION RH		
- 1	AN4DD24A	BOLT	1	A
	48B24094DD3-24	SPACER	1	A
	MS21044D4	NUT, (ALT PN AN365D428)	2	A
	520CH8051	BOX ASSY, JUNCTION FWD RADIO AND RADAR STA 136.5 TO 177.5	1	A
		(ATTACHING PARTS)		
- 2	MS35219-53	SCREW, (ALT PN AN520DD10R6)	10	A
- 3	MS27212-2-16	BLOCK ASSY, (ALT PN AN3436-2-16)	19	A
		(ATTACHING PARTS)		
- 4	MS35206-221	SCREW, (ALT PN AN515-4R16)	95	A
	48B24094DD1-32	SPACER	95	A
	MS20341-4A	NUT, (ALT PN AN341-4)	95	A
- 5	520CB8114-1	INSULATOR		
- 6	520CD8054	COVER	19	A
- 7	520CD8055	SHIELD	1	A
- 8	MS35489-27	GROMMET, (ALT PN AN931-24-28)	1	A
	520CD8102	BOX ASSY, JUNCTION CENTER RADIO AND RADAR	7	A
		STA 177.5 TO 216.5	1	A
		(ATTACHING PARTS)		
- 9	MS35219-53	SCREW, (ALT PN AN520DD10R6)	10	A
- 10	MS27212-2-12	BLOCK ASSY, (ALT PN AN3436-2-12)	6	A
		(ATTACHING PARTS)		
- 11	MS35206-221	SCREW, (ALT PN AN515-4R16)	24	A
	48B24094DD1-32	SPACER	24	A
	MS20341-4A	NUT, (ALT PN AN341-4)	24	A
- 12	520CB8114-2	INSULATOR		
- 13	NO NUMBER	CAPACITOR, (SIGNAL CORPS PN 3DKB1250) (GFAE)	6	A
		(ATTACHING PARTS)	3	A
- 14	MS21919DG22	CLAMP		
- 15	MS35207-264	SCREW, (ALT PN AN520-10-10)	3	A
	MS35335-32	WASHER, (ALT PN AN936B10)	2	A
	MS21044N3	NUT, (ALT PN AN365-1032)	2	A
- 16	1054SW-EA	RELAY, (35344)	2	A
		(ATTACHING PARTS)		
- 17	MS35207-243	SCREW, (ALT PN AN520-8-6)	4	A
	AN960-8	WASHER	8	A
	MS21044N08	NUT, (ALT PN AN365-832)	4	A
- 18	MS3102R20-27S	CONNECTOR, (ALT PN AN3102A20-27S)	1	A
		(ATTACHING PARTS)		
- 19	MS35207-218	SCREW, (ALT PN AN520-4-10)	4	A
	AN960-4	WASHER	4	A
	MS21044N04	NUT, (ALT PN AN365-440)	4	A
- 20	AN3303-1	RELAY		
- 21	J90/A1C3 *	BOX, JUNCTION	1	A
- 22	520CD8052	SHIELD	1	A
- 23	520CD8103	COVER	1	A
- 24	MS35489-27	GROMMET, (ALT PN AN931-24-28)	1	A
	520CH8100	BOX ASSY, JUNCTION AFT RADIO AND RADAR STA 216.5 TO 258.5	8	A
		(ATTACHING PARTS)	1	A
- 25	MS35219-53	SCREW, (ALT PN AN520DD10R6)	10	A
- 26	MS27212-2-16	BLOCK ASSY, (ALT PN AN3436-2-16)	19	A
		(ATTACHING PARTS)		
- 27	MS35206-221	SCREW, (ALT PN AN515-4R16)	95	A
	48B24094DD1-32	SPACER	95	A
	MS20341-4A	NUT, (ALT PN AN341-4)	95	A
- 28	520CB8114-1	INSULATOR		
- 29	520CD8054	COVER	19	A
- 30	520CD8055	SHIELD	1	A
- 31	NO NUMBER	CAPACITOR, (SIGNAL CORPS PN 3DKB1250) (GFAE)	1	A
		(ATTACHING PARTS)	1	A
- 32	MS21919DG22	CLAMP		
- 33	MS35207-264	SCREW, (ALT PN AN520-10-10)	1	A
	MS35335-32	WASHER, (ALT PN AN936B10)	1	A
	MS21044N3	NUT, (ALT PN AN365-1032)	1	A
- 34	MS35489-27	GROMMET, (ALT PN AN931-24-28)	9	A
		A 528 THRU 541		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		
		* USE INTERNAL EQUIPMENT AND ATTACHING PARTS ONLY		

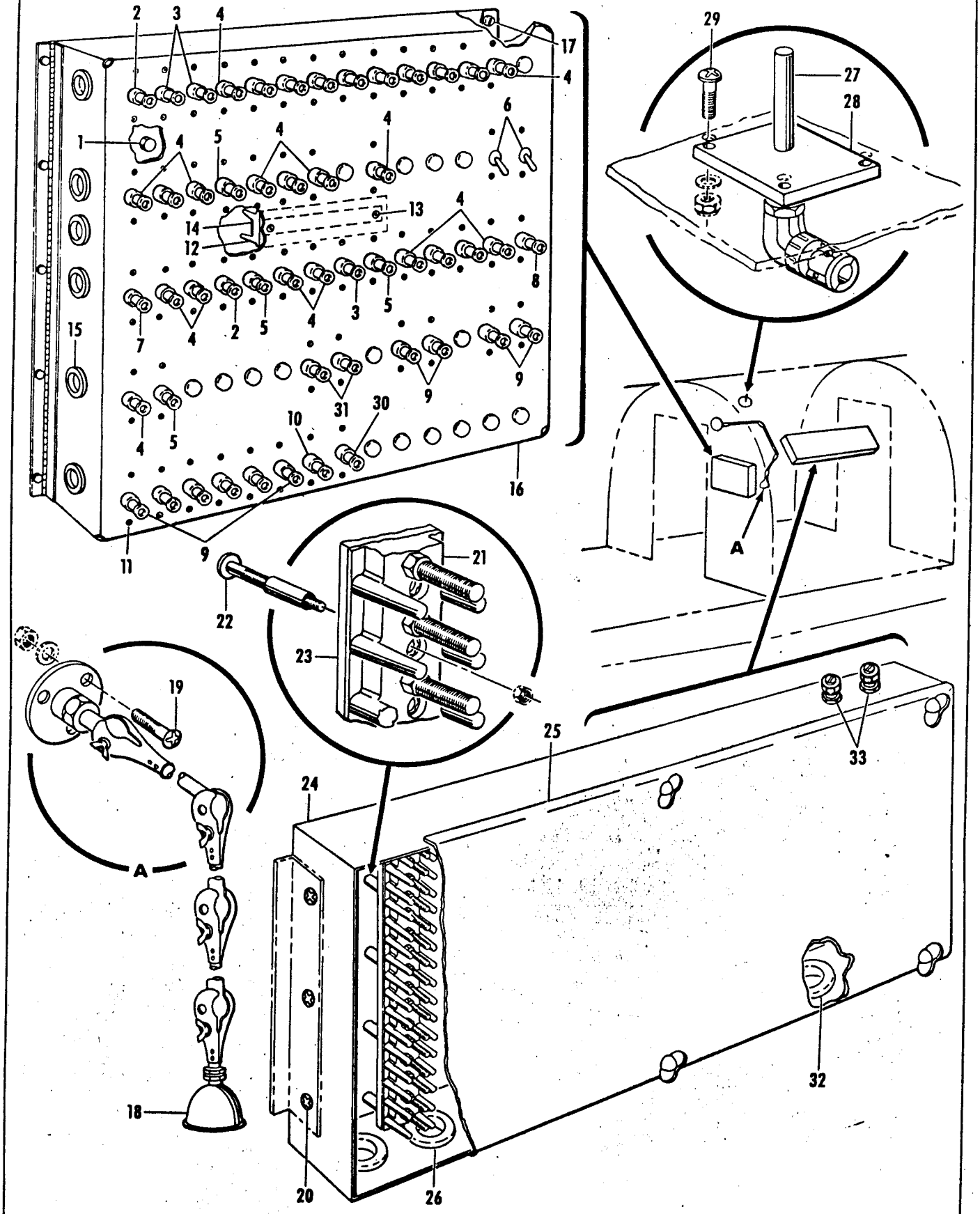

Figure 171. Circuit Breaker Box

V4-48

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
171	520CD9597	BOX INSTL, CIRCUIT BREAKER	1	A
	520CF9596	BOX ASSY, CIRCUIT BREAKER	1	A
		(ATTACHING PARTS)		
- 1	AN3-7A	BOLT	4	A
	48B24094-3-16	SPACER	4	A
	AN960-10	WASHER	4	A
	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
- 2	MS25017-35	CIRCUIT BREAKER, (ALT PN AN3161P35)	2	A
- 3	MS25017-20	CIRCUIT BREAKER, (ALT PN AN3161P20)	3	A
- 4	MS25017-5	CIRCUIT BREAKER, (ALT PN AN3161P5)	26	A
- 5	MS25017-10	CIRCUIT BREAKER, (ALT PN AN3161P10)	4	A
- 6	AN3160	SWITCH	2	A
- 7	MS25017-50	CIRCUIT BREAKER, (ALT PN AN3161P50)	1	A
- 8	MS25017-15	CIRCUIT BREAKER, (ALT PN AN3161P15)	1	A
- 9	49B6768-5	CIRCUIT BREAKER	10	A
- 10	49B6768-15	CIRCUIT BREAKER	1	A
		(ATTACHING PARTS)		
- 11	MS35206-227	SCREW, (ALT PN AN515-6R5)	106	A
- 12	MS27212-4-3	TERMINAL BOARD ASSY, (ALT PN AN3436-8-3)	1	A
		(ATTACHING PARTS)		
- 13	MS35214-24	SCREW, (ALT PN AN515B6R5)	2	A
	MS20341-6A	NUT, (ALT PN AN341-6)	2	A
- 14	MS25226-8-3	LINK, (ALT PN AN3433-8-3)	1	A
- 15	MS35489-23	GROMMET, (ALT PN AN931-16-22)	6	A
- 16	520CC9431	BOX	1	A
- 17	AJ4-25	STUD	2	A
	GA4-250	GROMMET	2	A
	S4-200	SPRING	2	A
- 18	AN3047-7	LIGHT ASSY	1	A
		(ATTACHING PARTS)		
- 19	MS35219-57	SCREW, (ALT PN AN520DD10R12)	3	A
	AN960D10	WASHER	3	A
	MS21044D3	NUT, (ALT PN AN365D1032)	3	A
	520CJ8019	BOX INSTL, RECORDER POSITION JUNCTION	1	A
	520CH8174	BOX ASSY, RECORDER POSITION JUNCTION	1	A
		(ATTACHING PARTS)		
- 20	MS35219-55	SCREW, (ALT PN AN520DD10R8)	6	A
	AN960D10	WASHER	6	A
	MS21044D3	NUT, (ALT PN AN365D1032)	6	A
- 21	MS27212-1-16	TERMINAL BOARD ASSY, (ALT PN AN3436-2-16)	16	A
		(ATTACHING PARTS)		
- 22	MS35206-221	SCREW, (ALT PN AN515-4R16)	80	A
	48B24094DD1-32	SPACER	80	A
	MS20341-4A	NUT, (ALT PN AN341-4)	80	A
- 23	520CB8114-1	INSULATOR	16	A
- 24	520CD8175	SHIELD	1	A
- 25	520CD8176	COVER	1	A
- 26	MS35489-23	GROMMET, (ALT PN AN931-16-22)	4	A
- 27	AN5525-1	BULB	1	A
- 28	2119998	PLATE	1	A
		(ATTACHING PARTS)		
- 29	MS35218-30	SCREW, (ALT PN AN526DD632-14)	4	A
	AN960D6	WASHER	4	A
	MS21044D06	NUT, (ALT PN AN365D632)	4	A
	54C21416	CIRCUIT BREAKER INSTL, ARN-21	1	A
- 30	MS25017-10	CIRCUIT BREAKER, (ALT PN MS25005-10)	1	A
- 31	MS25017-5	CIRCUIT BREAKER, (ALT PN MS25005-5)	2	A
	54E21550	RHEOSTAT INSTL, RECORDER JUNCTION BOX	1	
- 32	MS35489-19	GROMMET, (ALT PN AN931-11-16)	1	A
- 33	RV1ATFSA105C	RHEOSTAT, (PER SPEC JAN-R-94)	2	A
		A 528 THRU 541		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

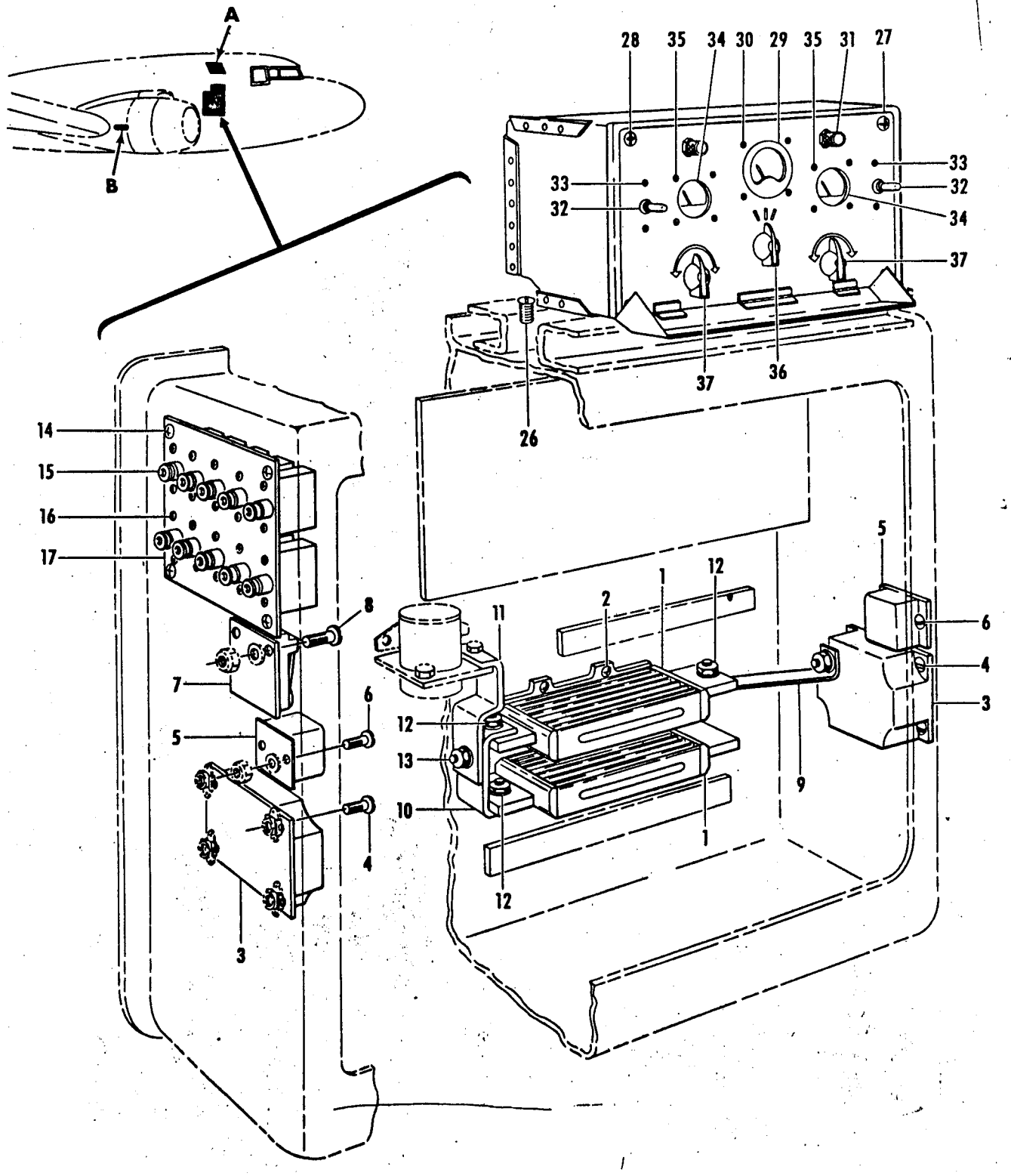

Figure 172. R-2 Generator Equipment (Sheet 1 of 2)

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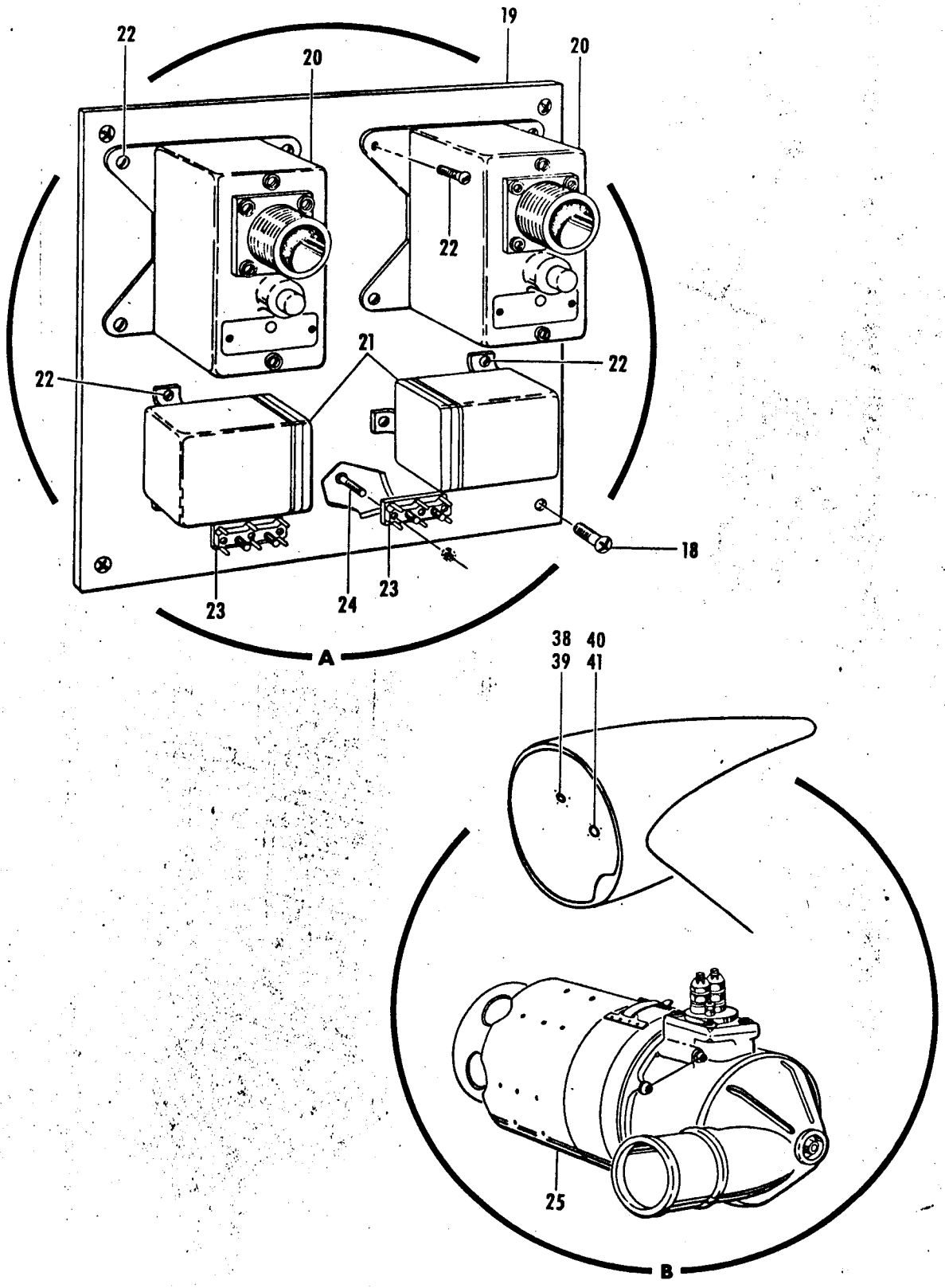

Figure 172. R-2 Generator Equipment (Sheet 2 of 2)

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FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
172	520CH8018	EQUIPMENT INSTL, R-2 GENERATOR	1	A
	520CH8384	BOX ASSY, JUNCTION MAIN ELECTRICAL MODIFIED	1	A
- 1	45B7465-3	RESISTOR, EQUALIZER (GFAE)	2	A
		(ATTACHING PARTS)		
- 2	MS35207-266	SCREW, (ALT PN AN520-10R14)	8	A
	MS21044N3	NUT, (ALT PN AN365-1032)	8	A
- 3	MS27433-300	RELAY	2	A
		(ATTACHING PARTS)		
- 4	MS35218-56	SCREW, (ALT PN AN515DD10-10)	8	A
- 5	AN3314-1	RELAY	2	A
		(ATTACHING PARTS)		
- 6	MS35206-248	SCREW, (ALT PN AN515-8R14)	4	A
	MS21044N08	NUT, (ALT PN AN365-832)	4	A
- 7	LC1866	RELAY, (35344)	1	A
		(ATTACHING PARTS)		
- 8	MS35218-44	SCREW, (ALT PN AN515DD8R12)	2	A
	AN960D8	WASHER	2	A
	MS21044D08	NUT, (ALT PN AN365D832)	2	A
- 9	520CB8389	BAR, BUS	1	A
- 10	520CB8388	BAR, BUS	1	A
- 11	520CB8390	BAR, BUS	1	A
		(ATTACHING PARTS)		
- 12	AN6C7A	BOLT	3	A
- 13	AN6C6A	BOLT	1	A
	AN960C616	WASHER	4	A
	MS21045-6	NUT, (ALT PN AN365-624C)	4	A
	520CC8368	PANEL ASSY, CIRCUIT BREAKER	1	A
		(ATTACHING PARTS)		
- 14	MS35218-43	SCREW, (ALT PN AN515DD8R10)	4	A
- 15	MS25017-5	CIRCUIT BREAKER, (ALT PN AN3161P5)	10	A
		(ATTACHING PARTS)		
- 16	MS35206-229	SCREW, (ALT PN AN515-6R7)	20	A
- 17	520CC8367	PANEL	1	A
	520CC8394	PANEL ASSY, RELAY	1	A
		(ATTACHING PARTS)		
- 18	MS35206-246	SCREW, (ALT PN AN515-8R10)	4	A
- 19	520CC8387	PANEL	1	A
- 20	PR9502	RELAY, GENERATOR FIELD (77221)	2	A
- 21	TD800	RELAY, OVERVOLTAGE (TYPE E-2) (74063)	2	A
		(ATTACHING PARTS)		
- 22	MS35206-246	SCREW, (ALT PN AN515-8-10)	14	A
- 23	MS27212-1-2	BLOCK ASSY, TERMINAL (ALT PN AN3436-1-2)	2	A
		(ATTACHING PARTS)		
- 24	MS35206-214	SCREW, (ALT PN AN515-4R5)	6	A
	MS20341-4A	NUT, (ALT PN AN341-4)	6	A
- 25	11300	GENERATOR, (TYPE R-2) (31435)	2	A
	520CC8370	PANEL ASSY, GENERATOR CONTROL	1	A
		(ATTACHING PARTS)		
- 26	MS35206-264	SCREW, (ALT PN AN515-10R10)	4	A
- 27	520CD8369	PANEL	1	A
		(ATTACHING PARTS)		
- 28	MS35206-245	SCREW, (ALT PN AN515-8R8)	4	A
- 29	AN3203V30	VOLTMETER, DC	1	A
		(ATTACHING PARTS)		
- 30	MS35214-43	SCREW, (ALT PN AN515B8R10)	4	A
- 31	MS25331-6	LIGHT ASSY, (ALT PN AN3157-6)	2	A
	MS25231-313	LAMP, (ALT PN AN3121-313)	2	A
- 32	MS25104-31	SWITCH, (ALT PN AN3227-5)	2	A
		(ATTACHING PARTS)		
- 33	MS35214-25	SCREW, (ALT PN AN515B6R6)	4	A
- 34	M4T2	AMMETER, AF (TYPE G-1) (GFAE)	2	A
		(ATTACHING PARTS)		
- 35	MS35214-29	SCREW, (ALT PN AN515B6R12)	8	A
- 36	MS25002-1	SWITCH, (ALT PN AN3211-1)	1	A
- 37	AN3155-25-11	RHEOSTAT	2	A
- 38	FWAF-1F535	RECEPTACLE ASSY, (71468)	2	A
- 39	FWAF-1F28	PLUG ASSY, (71468)	2	A
- 40	FWAF-DM3-32SL	RECEPTACLE ASSY, (71468)	2	A
- 41	FWF-M3-23-18	PLUG ASSY, (71468)	2	A
		A 528 THRU 541		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

RADIO

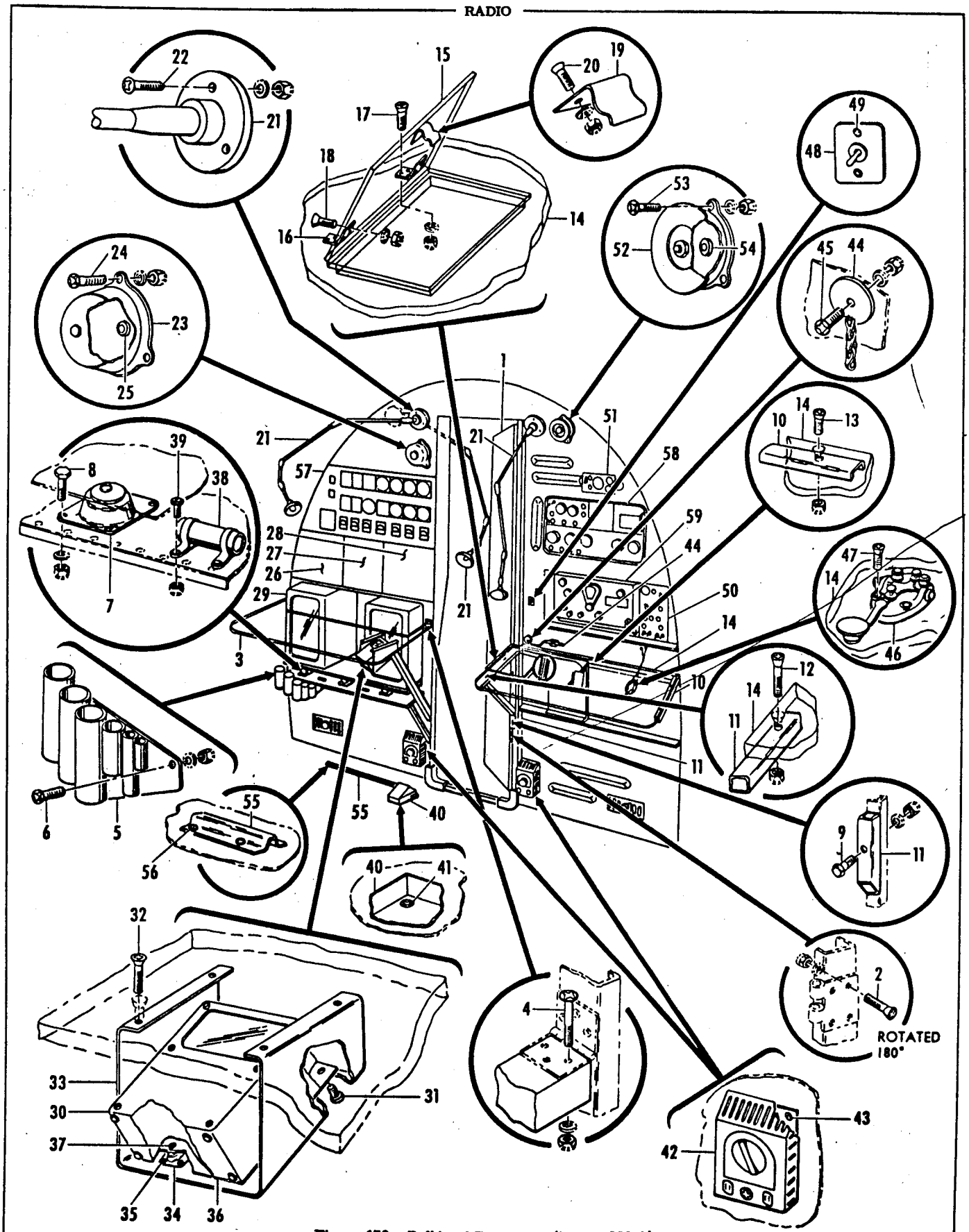

Figure 173. Bulkhead Equipment (Station 258.5)

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
173	520CK8004	EQUIPMENT INSTL, BULKHEAD STA 258.5	1	A
		(SEE FIG. 174 FOR ADDITIONAL DETAILS)		
	520CK8007	BULKHEAD INSTL, RECORDER AND RADIO OPERATORS POSITION	1	A
- 1	5119623	DOOR ASSY	1	A
		(ATTACHING PARTS)		
- 2	MS51959-46	SCREW, (ALT PN AN505C8R10)	8	A
	AN960D8	WASHER	8	A
	MS21044N08	NUT, (ALT PN AN365-832)	8	A
- 3	520CD8073	TABLE, RECORDERS POSITION	1	A
		(ATTACHING PARTS)		
- 4	MS51957-17	SCREW, (ALT PN AN515C4R8)	6	A
	AN960D4	WASHER	6	A
	MS21044D04	NUT, (ALT PN AN365D440)	6	A
- 5	520CC8164	HOLDER, SUPPLIES	1	A
		(ATTACHING PARTS)		
- 6	MS51958-46	SCREW, (ALT PN AN520C8R10)	4	A
	AN960D8	WASHER	4	A
	MS21044N08	NUT, (ALT PN AN365-832)	4	A
- 7	AN8008D31	INSULATOR	6	A
		(ATTACHING PARTS)		
- 8	AN4DD5	BOLT	24	A
	AN960D416	WASHER	24	A
	MS21044D4	NUT, (ALT PN AN365D428)	24	A
	520CD8074	TABLE ASSY, RADIO OPERATORS	1	A
		(ATTACHING PARTS)		
- 9	AN3C11A	BOLT	3	A
	AN960D10	WASHER	3	A
	MS21044D3	NUT, (ALT PN AN365D1032)	3	A
- 10	520CD8087	SUPPORT	1	A
- 11	520CD8077	BRACKET	1	A
	520CD8076	TOP ASSY, TABLE	1	A
		(ATTACHING PARTS)		
- 12	AN507-1032R32	SCREW	2	A
- 13	AN507-1032R18	SCREW	5	A
	MS21044N3	NUT, (ALT PN AN365-1032)	7	A
- 14	520CD8076-1	TOP, TABLE	1	A
- 15	520CD8076-2	DOOR	1	A
- 16	AN250-13	HINGE	2	A
		(ATTACHING PARTS)		
- 17	MS35190-229	SCREW, (ALT PN AN505-440R16)	4	A
- 18	MS35190-225	SCREW, (ALT PN AN505-4R8)	4	A
	AN960-4	WASHER	8	A
	MS21044N04	NUT, (ALT PN AN365-440)	8	A
- 19	520CB8848	CLAMP	1	A
		(ATTACHING PARTS)		
- 20	MS35190-225	SCREW, (ALT PN AN505-4R8)	2	A
	AN960-4	WASHER	2	A
	MS21044N04	NUT, (ALT PN AN365-440)	2	A
- 21	AN3047-7	LIGHT ASSY	3	A
		(ATTACHING PARTS)		
- 22	MS35219-57	SCREW, (ALT PN AN520DD10R12)	9	A
	AN960D10	WASHER	9	A
	MS21044D3	NUT, (ALT PN AN365D1032)	9	A
- 23	5939GLM	BELL, 24 VOLT DC (19557)	1	A
		(ATTACHING PARTS)		
- 24	MS35206-245	SCREW, (ALT PN AN515-8R8)	3	A
	AN960-8	WASHER	3	A
	MS21044N08	NUT, (ALT PN AN365-832)	3	A
- 25	MS35489-6	GROMMET, (ALT PN AN931-4-7)	1	A
- 26	520CD8047	PANEL ASSY, RECORDERS POSITION OUTBOARD JACK	1	A
- 27	520CD8045	PANEL ASSY, RECORDERS POSITION CENTER JACK	1	A
		(SEE FIG. 175 FOR DETAILS)		
- 28	520CD8043	PANEL ASSY, RECORDERS POSITION INBOARD JACK	1	A
		(SEE FIG. 175 FOR DETAILS)		
- 29	520CB8088	RECORDER ASSY, (SEE FIG. 175 FOR DETAILS)	1	A
- 30	NO NUMBER	MICROAMMETER, DC RANGE 200-400 MICROAMPS (MODEL 931) (65092)	1	A
		(ATTACHING PARTS)		
- 31	AN520B5R6	SCREW	4	A
	520CC8166	BRACKET ASSY	1	A
		(ATTACHING PARTS)		
- 32	AN507B632R20	SCREW	4	A
- 33	520CD8165	BRACKET	1	A
- 34	AN8008D1	INSULATOR	3	A
		(ATTACHING PARTS)		
- 35	MS35206-228	SCREW, (ALT PN AN526-632R6)	12	A

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
173	MS21045-06	NUT, (ALT PN AN363-632)	12	A
- 36	520CC9829	PLATE	1	A
		(ATTACHING PARTS)		
- 37	AN507-832R14	SCREW	3	A
	AN8013D1	WASHER	3	A
	MS21044N08	NUT, (ALT PN AN365-832)	3	A
- 38	CA275	CONDENSER, 4 UF 50 VOLTS DC (80183)	6	A
		(ATTACHING PARTS)		
- 39	MS35207-264	SCREW, (ALT PN AN526-10-12)	12	A
	MS21044N3	NUT, (ALT PN AN365-1032)	12	A
- 40	D1445-1	BOX ASSY, THROAT MIKE FOOT SWITCH (81205)	1	A
		(ATTACHING PARTS)		
- 41	AN515DD6R18	SCREW	2	A
	AN960D6	WASHER	2	A
	MS21044D06	NUT, (ALT PN AN365D632)	2	A
- 42	7538	RHEOSTAT, SUIT HEATER (TYPE Q1C) (MIL-R-6274) (74545)	2	A
		(ATTACHING PARTS)		
- 43	MS35218-42	SCREW, (ALT PN AN515DD8R8)	8	A
	AN960D8	WASHER	8	A
	MS21044D08	NUT, (ALT PN AN365D832)	8	A
- 44	520CB8378	PUNCH ASSY	1	A
		(ATTACHING PARTS)		
- 45	AN520DD10R10	SCREW	1	A
	AN960D10	WASHER	1	A
	MS21044D3	NUT, (ALT PN AN365D1032)	1	A
- 46	J37	KEY, (GFAE)	1	A
		(ATTACHING PARTS)		
- 47	AN505DD6R18	SCREW	3	A
- 48	MS25103-23	SWITCH, (ALT PN AN3023-3)	1	A
		(ATTACHING PARTS)		
- 49	MS35206-230	SCREW, (ALT PN AN515-6R8)	2	A
- 50	C818/APS42	RADAR, CONTROL (GFAE)	1	A
- 51	C782/A	PANEL, CONTROL (GFAE)	1	A
- 52	MS25222-1	HORN, (ALT PN J2 (19557))	1	A
		(ATTACHING PARTS)		
- 53	MS35206-245	SCREW, (ALT PN AN515-8R8)	3	A
	AN960-8	WASHER	3	A
	MS21044N08	NUT, (ALT PN AN365-832)	3	A
- 54	MS35489-6	GROMMET, (ALT PN AN931-4-7)	1	A
- 55	520CC8090	GUARD, FOOT SWITCH WIRE	1	A
		(ATTACHING PARTS)		
- 56	AN515DD8R18	SCREW	10	A
	AN960D8	WASHER	10	A
	MS21044D08	NUT, (ALT PN AN365D832)	10	A
- 57	520CH8067	EQUIPMENT INSTL, RECORDERS INSTRUMENT	1	A
		(SEE FIG. 174 FOR DETAILS)		
- 58	T47( )/ART13	TRANSMITTER, RADIO (GFAE) (SEE FIG. 168 FOR NHA)	REF	A
- 59	BC348E	RECEIVER, RADIO (GFAE) (SEE FIG. 168 FOR NHA)	REF	A
		A 528 THRU 541		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

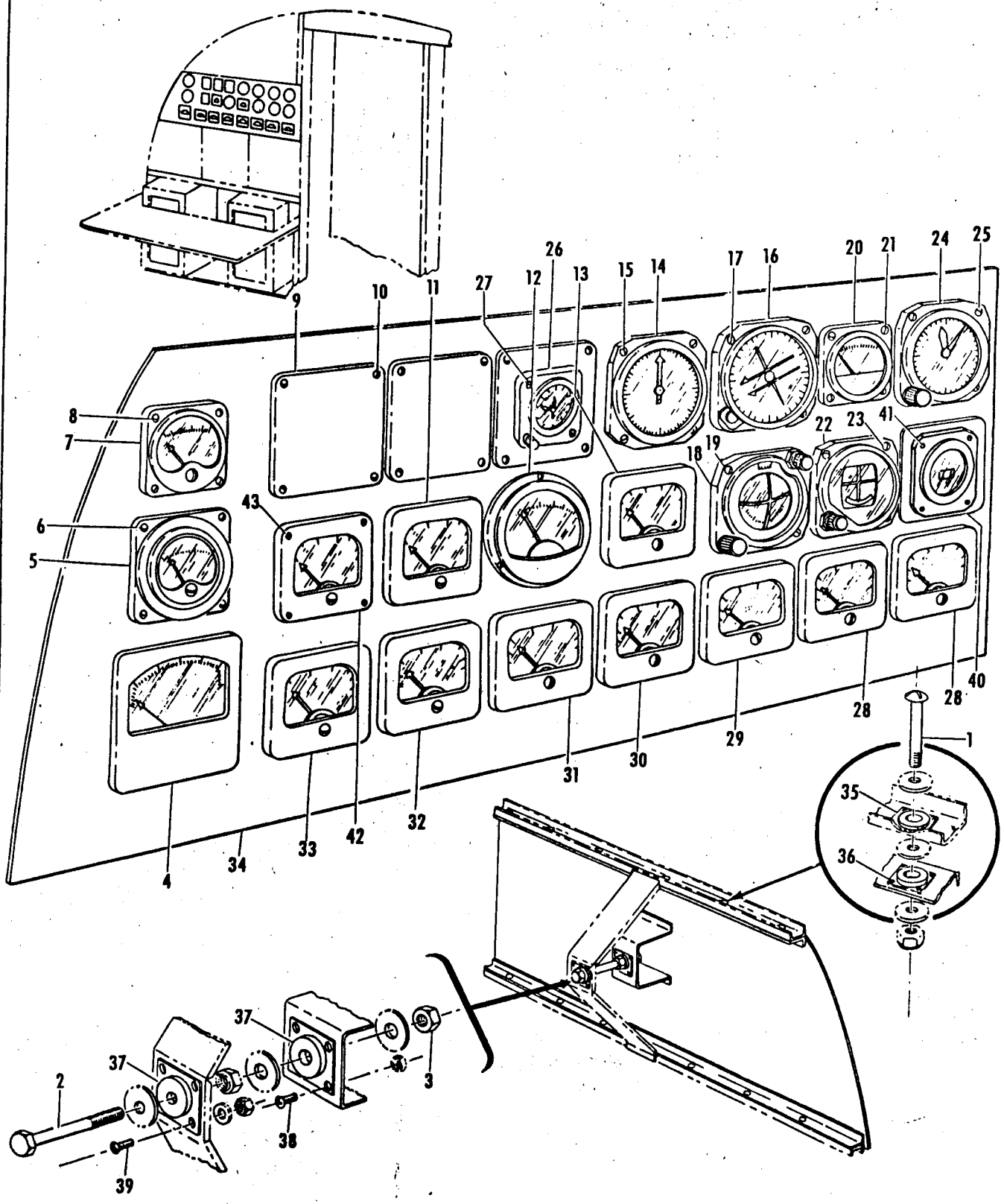

Figure 174. Bulkhead Equipment (Station 258.5)

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FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
174	520CK8004	EQUIPMENT INSTL, BULKHEAD (STA 258.5) (SEE FIG. 173 FOR ADDITIONAL DETAILS)	1	A
	520CH8067	EQUIPMENT INSTL, RECORDER INSTRUMENT (ATTACHING PARTS)	1	A
- 1	MS35206-250	SCREW, (ALT PN AN515-8R20)	12	A
	AN8013-1	WASHER	36	A
	MS21044N08	NUT, (ALT PN AN365-832)	12	A
- 2	520CB8026	BOLT	1	A
	AN8013-2	WASHER	3	A
	MS21044N4	NUT, (ALT PN AN365-428)	1	A
- 3	AN315-4R	NUT	1	A
- 4	NO NUMBER	VOLTMETER, 0-30 VOLTS DC (MODEL 741) ACCURACY PLUS OR MINUS 1 PCT OF FULL SCALE SEN 1000 OHMS PER VOLT (65092)	1	A
- 5	NO NUMBER	VOLTMETER, 0-150 VOLTS AC (ARMY TYPE G1) (STYLE 1209236) (79500) (ATTACHING PARTS)	1	A
- 6	MS35214-28	SCREW, (ALT PN AN515B6-10)	4	A
	A6939-632-125	NUT, (78553)	4	A
- 7	NO NUMBER	VOLTMETER, 0-40 VOLTS (TYPE NA33) (STYLE 1164994) (79500) (ATTACHING PARTS)	1	A
- 8	MS35214-28	SCREW, (ALT PN AN515B6-10)	4	A
	A6939-632-125	NUT, (78553)	4	A
- 9	520CB8078	PLATE, COVER (ATTACHING PARTS)	2	A
- 10	MS35214-26	SCREW, (ALT PN AN515B6-7)	8	A
	AN960-6	WASHER	8	A
	MS21044N06	NUT, (ALT PN AN365-632)	8	A
- 11	NO NUMBER	VOLTMETER, 0-15 VOLTS AC (MODEL 301) ACCURACY PLUS OR MINUS 2 PCT OF FULL SCALE INTERNAL RESISTANCE 20,000 OHMS PLUS OR MINUS 5 PCT (65092)	1	A
- 12	HM3-3	VOLTMETER, 0-15 VOLTS AC (RECTIFIER TYPE) ACCURACY 5 PCT 200 UA (MARION ELECTRICAL INSTRUMENT COMPANY, MANCHESTER, NEW HAMPSHIRE) (ATTACHING PARTS)	1	A
	AN960B6	WASHER	3	A
	MS21044B06	NUT, (ALT PN AN365B632A)	3	A
- 13	NO NUMBER	MILLIAMMETER, 0-10 MILLIAMPS DC (SPEC JAN-1-6) (EQUAL TO PHYSICAL SIZE OF WESTON (MODEL 301) (65092))	1	A
- 14	NO NUMBER	INDICATOR, AIRSPEED (TYPE C14) (GFAE) (ATTACHING PARTS)	1	A
- 15	MS35214-29	SCREW, (ALT PN AN515B6-12)	4	A
	A6939-632-125	NUT, (78553)	4	A
- 16	AN5730-2B	COMPASS (ATTACHING PARTS)	1	A
- 17	MS35214-29	SCREW, (ALT PN AN515B6-12)	3	A
	A6939-632-125	NUT, (78553)	3	A
- 18	ID249/ARN	INDICATOR, COURSE (GFAE) (ATTACHING PARTS)	1	A
- 19	MS35214-28	SCREW, (ALT PN AN515B6-10)	2	A
	A6939-632-125	NUT, (78553)	2	A
- 20	MS28009-3	INDICATOR, (ALT PN AN5790-7) (ATTACHING PARTS)	1	A
- 21	MS35214-44	SCREW, (ALT PN AN515B8-12)	4	A
	MS21044N08	NUT, (ALT PN AN365-832)	4	A
- 22	ID48/ARN	INDICATOR, COURSE (GFAE) (ATTACHING PARTS)	1	A
- 23	MS35214-28	SCREW, (ALT PN AN515B6-10)	3	A
	A6939-632-125	NUT, (78553)	3	A
- 24	MS28044-1	ALTIMETER, (ALT PN AN5760-1) (ATTACHING PARTS)	1	A
- 25	MS35214-29	SCREW, (ALT PN AN515B6-12)	3	A
	A6939-632-125	NUT, (78553)	3	A
- 26	AN5743-2	CLOCK (ATTACHING PARTS)	1	A
- 27	MS35214-29	SCREW, (ALT PN AN515B6-12)	2	A
	A6939-632-125	NUT, (78553)	2	A

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
174				
- 28	NO NUMBER	VOLTMETER, 1-10 VOLTS AC (MODEL 301) ACCURACY PLUS OR MINUS 2 PCT OF FULL SCALE RESISTANCE 20,000 OHMS PLUS OR MINUS 5 PCT (65092)	2	A
- 29	NO NUMBER	VOLTMETER, 0-5 VOLTS AC (MODEL 301) ACCURACY PLUS OR MINUS 2 PCT OF FULL SCALE RESISTANCE 20,000 OHMS PLUS OR MINUS 5 PCT (65092)	1	A
- 30	NO NUMBER	MILLIAMMETER 0-5 MILLIAMPS DC (MODEL 301) ACCURACY PLUS OR MINUS 2 PCT OF FULL SCALE (65092)	1	A
- 31	NO NUMBER	MICROAMMETER, 0-500 MICRO AMPS DC (MODEL 301) ACCURACY PLUS OR MINUS 2 PCT OF FULL SCALE RESISTANCE 1000 PLUS OR MINUS 30 OHMS (65092)	1	A
- 32	NO NUMBER	VOLTMETER, 0-30 VOLTS AC (MODEL 1159912) ACCURACY 2 PCT OF FULL SCALE RESISTANCE 10,000-20,000 OHMS PER VOLT (79500)	1	A
- 33	NO NUMBER	VOLTMETER, 0-10 VOLTS DC (MODEL 301) ACCURACY PLUS OR MINUS 2 PCT OF FULL SCALE RESISTANCE 20,000 OHMS PER VOLT (65092)	1	A
- 34	520CE8079	PANEL, INSTRUMENT	1	A
- 35	AN8008D4	INSULATOR	24	A
		(ATTACHING PARTS)		
- 36	MS35206-228	SCREW, (ALT PN AN515-6R6)	96	A
	MS21044N06	NUT, (ALT PN AN365-632)	96	A
- 37	AN8008D5	INSULATOR	2	A
		(ATTACHING PARTS)		
- 38	MS35206-244	SCREW, (ALT PN AN515-8R7)	4	A
	MS21044N08	NUT, (ALT PN AN365-832)	4	A
- 39	MS35218-26	SCREW, (ALT PN AN515DD6R7)	4	A
	AN960D6	WASHER	4	A
	MS21044N06	NUT, (ALT PN AN365-632)	4	A
	54D21304	INSTRUMENT INSTL, RECORDER PANEL	1	A
- 40	ID310/ARN	INDICATOR, RANGE (GFAE)	1	A
		(ATTACHING PARTS)		
- 41	AN515B8R30	SCREW	4	A
	AN960B8	WASHER	4	A
	MS21044B08	NUT, (ALT PN AN365B832A)	4	A
- 42	NO NUMBER	VOLTMETER, 0-10 VOLTS DC (MODEL 301) ACCURACY PLUS OR MINUS 2 PCT OF FULL SCALE RESISTANCE 20,000 OHMS PER VOLT (65092)	1	A
		(ATTACHING PARTS)		
- 43	MS35206-229	SCREW, (ALT PN AN515-6R7)	4	A
	AN960D6L	WASHER	4	A
	MS21044N06	NUT, (ALT PN AN365-632)	4	A
		A 528 THRU 541		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

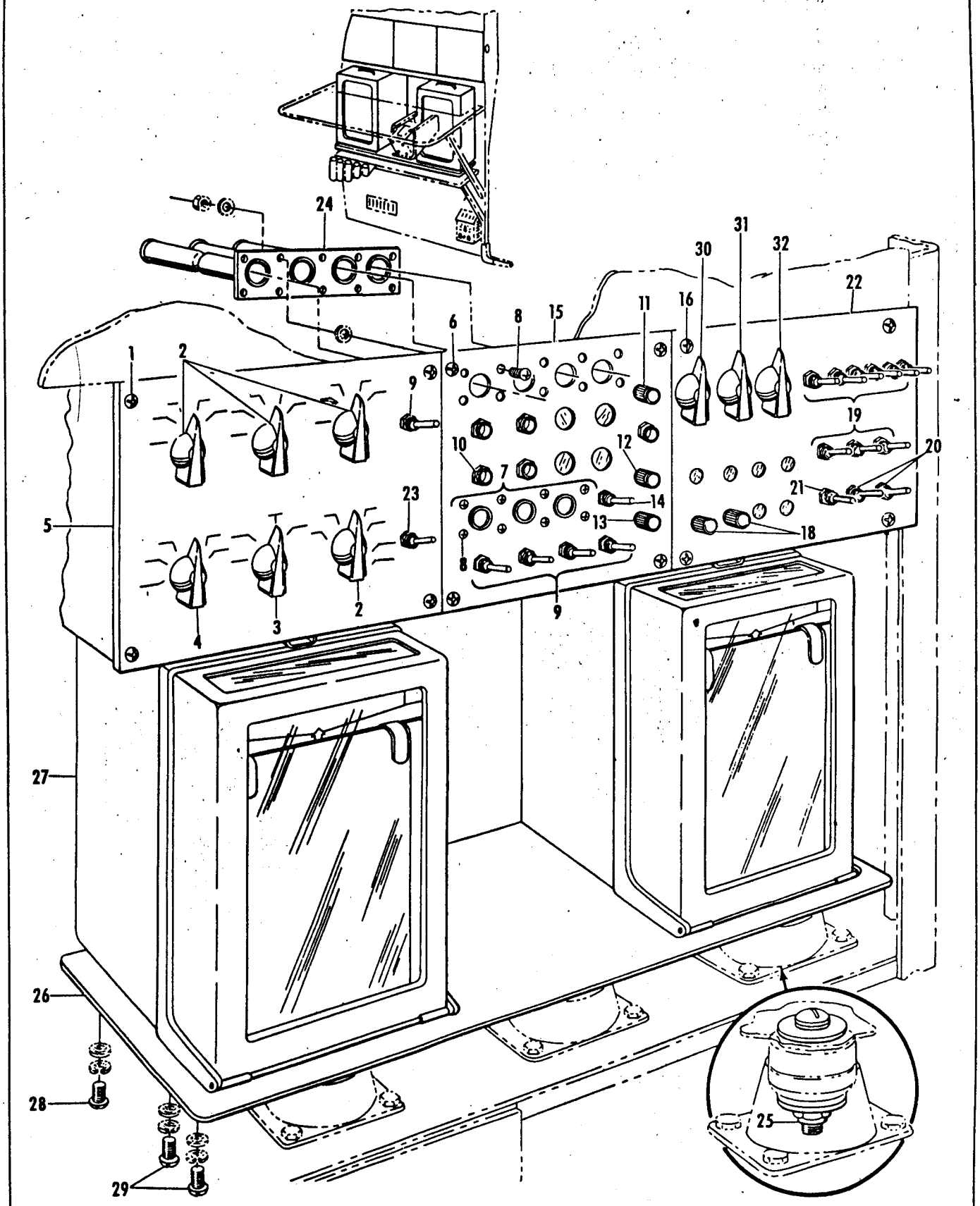

Figure 175. Jack Panels and Recorder

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FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
175		JACK PANELS AND RECORDER		
	54H21443	PANEL ASSY, RECORDERS POSITION (REWORK)	1	A
		(ATTACHING PARTS)		
- 1	AN507-632R10	SCREW	4	A
		KNOB	6	A
	AN3220-3	SWITCH, SELECTOR SIX CIRCUIT POINTS TWO CIRCUIT	4	A
- 2	1266L	SIX GANG (37942)	1	A
- 3	MS25002-3	SWITCH, (ALT PN AN3211-3)	1	A
- 4	MS25002-1	SWITCH, (ALT PN AN3211-1)	1	A
- 5	520CD8048	PANEL, OUTBOARD JACK	REF	A
	520CD8045	PANEL ASSY, RECORDERS POSITION CENTER JACK		
		(SEE FIG. 173 FOR NHA)		
		(ATTACHING PARTS)	4	A
- 6	AN507-632R10	SCREW	2	A
- 7	520CB8168	HOLDER ASSY, JACK PLUG	16	A
		(ATTACHING PARTS)	32	A
- 8	MS35198-27	SCREW, (ALT PN AN505B6R8)	16	A
	AN960B6	WASHER	5	A
	MS21044B06	NUT, (ALT PN AN365B632A)	1	A
- 9	MS35058-23	SWITCH, (ALT PN AN3021-3)	3	A
- 10	JK31A	JACK, (AERO SC-D2339) (GFAE)	1	A
	HR	KNOB, (BLACK) (42498)	1	A
- 11	DRP117	RHEOSTAT, TWO BANK VARIABLE 500 OHMS COUPLED		
		2500 OHMS (37942)	1	A
- 12	A2MP	RHEOSTAT, ONE BANK VARIABLE 2000 OHMS (37942)	1	A
- 13	NO NUMBER	RHEOSTAT, TWO BANK VARIABLE 1000 OHMS (1 EACH B-11-108		
		AND MIL-108 RHEOSTAT (75042))	1	A
- 14	MS35058-23	SWITCH, (ALT PN AN3021-3)	1	A
- 15	520CD8046	PANEL, CENTER	REF	A
	520CD8043	PANEL ASSY, RECORDERS POSITION INBOARD JACK		
		(SEE FIG. 173 FOR NHA)		
		(ATTACHING PARTS)	4	A
- 16	AN507-632R10	SCREW		
- 17	DELETED			
- 18	376-3771-00	RESISTOR, 20 PCT WATT (13499)	4	A
	HR	KNOB, (BLACK) (42498)	9	A
- 19	MS35058-22	SWITCH, (ALT PN AN3021-2)	2	A
- 20	MS35058-27	SWITCH, (ALT PN AN3021-7)	1	A
- 21	MS35058-21	SWITCH, (ALT PN AN3021-1)	1	A
- 22	520CD8044	PANEL	1	A
- 23	MS35058-23	SWITCH, (ALT PN AN3021-3)	3	A
	MS21044N06	NUT, (ALT PN AN365-632)	3	A
	AN960-6L	WASHER	1	A
- 24	54B21419	PLATE	REF	A
	520CB8088	RECORDER ASSY, (SEE FIG. 173 FOR NHA)		
		(ATTACHING PARTS)	6	A
- 25	MS35218-93	SCREW, (ALT PN AN515DD616R8)	12	A
	AN8013D3	WASHER	6	A
	AN960D616	WASHER	6	A
	MS35337-46	WASHER, (ALT PN AN935-616L)	6	A
	AN340DD616	NUT	1	A
- 26	520CB8089	MOUNT, PLATE	2	A
- 27	NO NUMBER	RECORDER, DC (MODEL AW) (72264)		
		(ATTACHING PARTS)	4	A
- 28	MS27039-0808	SCREW, (ALT PN AN525-832R8)	8	A
- 29	MS27039-0806	SCREW, (ALT PN AN525-832R6)	12	A
	AN960C8	WASHER	12	A
	MS35337-46	WASHER, (ALT PN AN935-616L)	1	A
- 30	RV4TFD102A	RESISTOR, (PER SPEC JAN-R-94)	1	A
- 31	RV2ATRD254A	RESISTOR, (PER SPEC JAN-R-94)	1	A
- 32	RV3BTFD502A	RESISTOR, (PER SPEC JAN-R-94)		
		A 528 THRU 541		

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

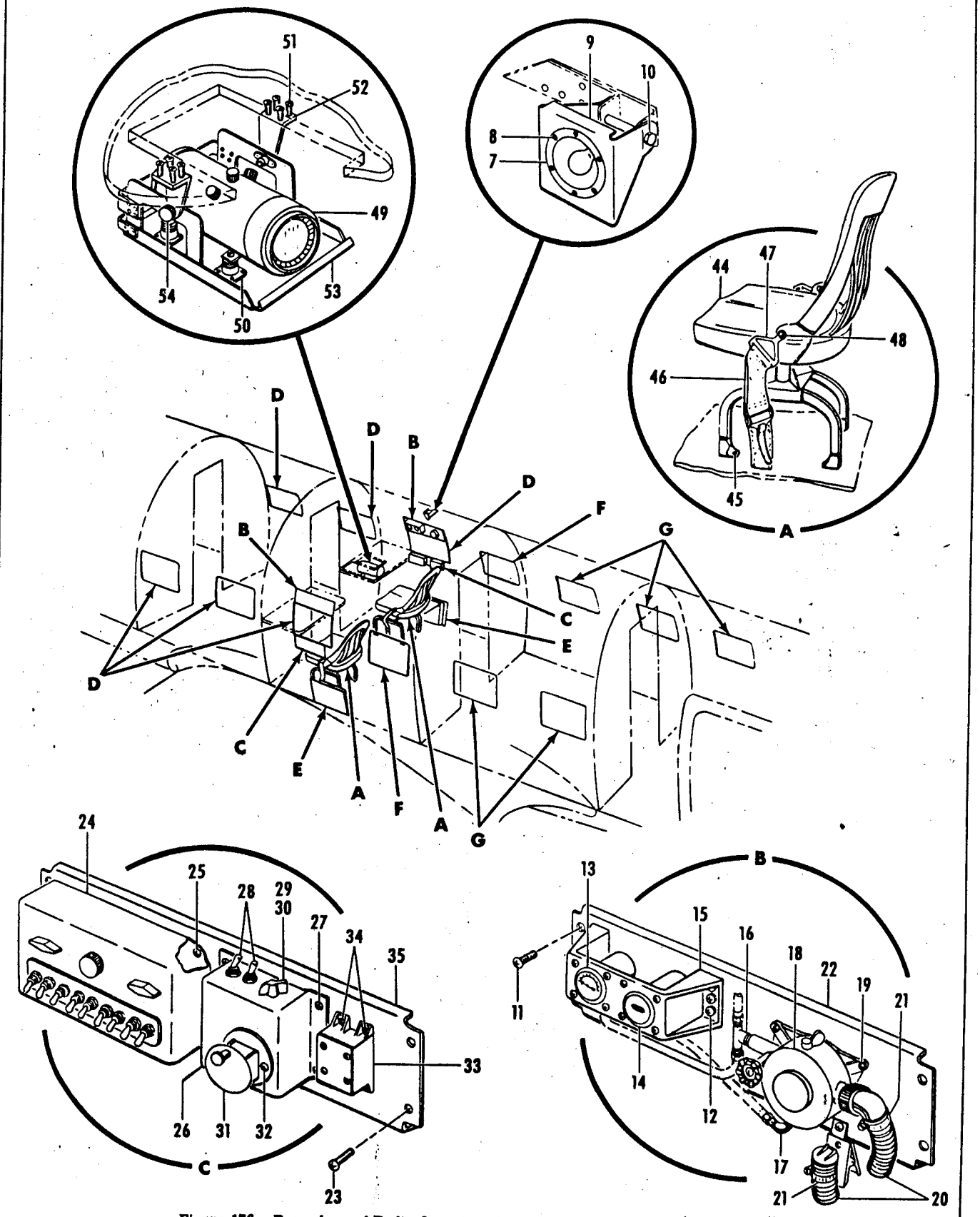

Figure 176. Recorder and Radio Operators Miscellaneous Equipment (Sheet 1 of 2)

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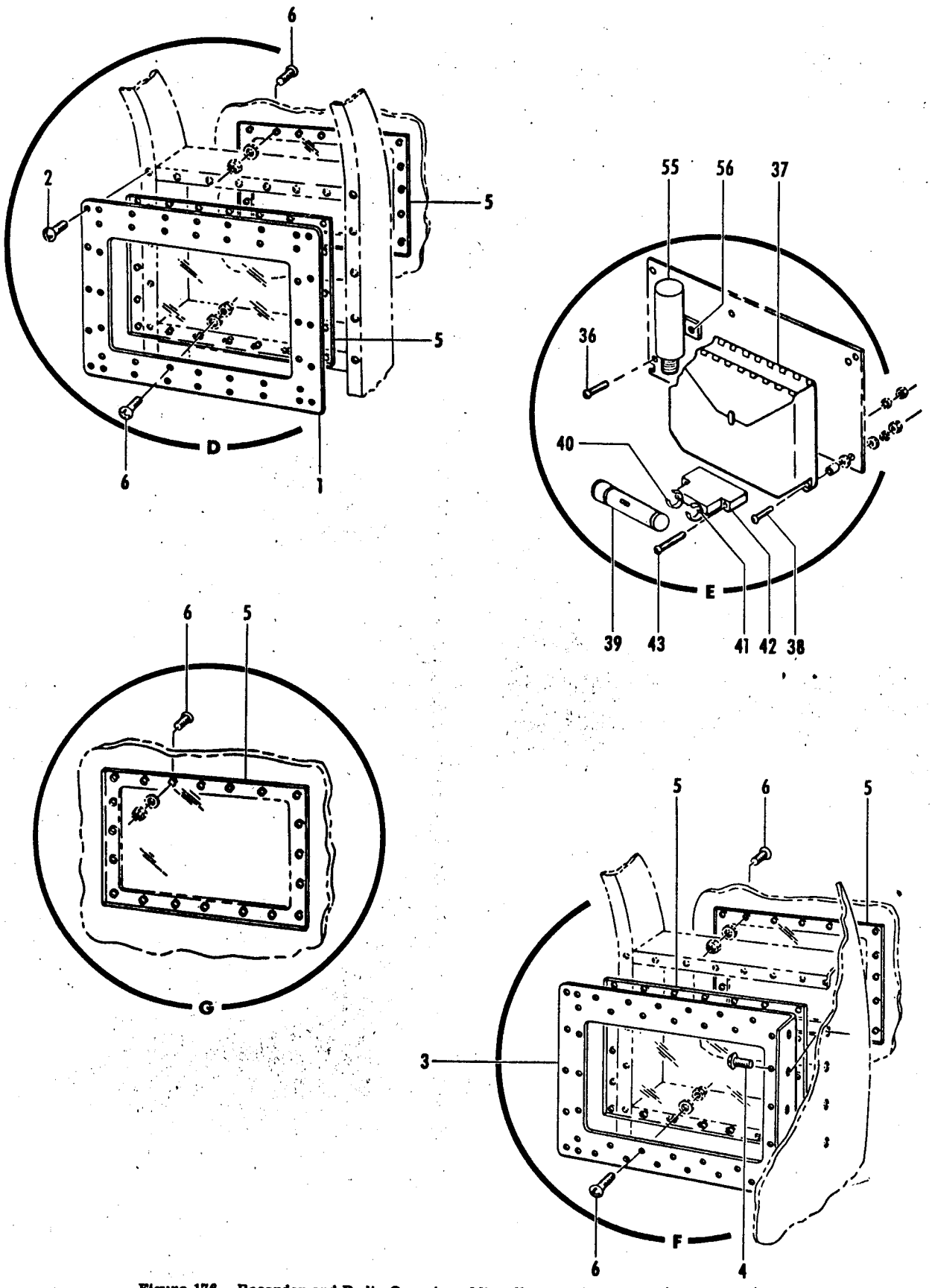

Figure 176. Recorder and Radio Operators Miscellaneous Equipment (Sheet 2 of 2)

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FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
176	520CJ8008	EQUIPMENT INSTL, RECORDER AND RADIO OPERATORS MISCELLANEOUS	1	A
- 1	50B2852-1	FRAME, WINDOW STA 273.5	6	A
		(ATTACHING PARTS)		
- 2	MS35207-262	SCREW, (ALT PN AN520-10R7)	144	A
- 3	520CC8361R	FRAME, WINDOW RH	1	A
	520CC8361L	FRAME, WINDOW LH	1	A
		(ATTACHING PARTS)		
- 4	MS35207-262	SCREW, (ALT PN AN520-10R7)	48	A
- 5	4188824	PANE, WINDOW	21	A
		(ATTACHING PARTS)		
- 6	MS35207-264	SCREW, (ALT PN AN520-10R10)	420	A
	AN8013-2	WASHER	420	A
	MS21044N3	NUT, (ALT PN AN365-1032)	420	A
	520CC8371R	LAMP ASSY, RADIO OPERATORS RH	1	A
	520CC837L	LAMP ASSY, RECORDER OPERATORS LH	1	A
- 7	AN3049	LIGHT ASSY	1	A
		(ATTACHING PARTS)		
- 8	MS35190-238	SCREW, (ALT PN AN505-6R8)	6	A
	AN960-6	WASHER	6	A
	MS21044N06	NUT, (ALT PN AN365-632)	6	A
- 9	520CC8373	BRACKET	1	A
		(ATTACHING PARTS)		
- 10	AN3C43A	BOLT	1	A
	AN960-10	WASHER	1	A
	48B24094DD3-240	SPACER	1	A
	MS21044N3	NUT, (ALT PN 365-1032)	1	A
	520CD8334R	PLATE ASSY, OXYGEN REGULATOR MOUNTING RH	1	A
	520CD8334L	PLATE ASSY, OXYGEN REGULATOR MOUNTING LH	1	A
		(ATTACHING PARTS)		
- 11	MS35207-262	SCREW, (ALT PN AN520-10R7)	8	A
	M6-12767	PANEL ASSY, OXYGEN INDICATOR (81205)	1	A
		(ATTACHING PARTS)		
- 12	MS35207-281	SCREW, (ALT PN AN520-416R12)	6	A
- 13	AN6021-1A	GAGE	1	A
- 14	AN6029-1	INDICATOR, OXYGEN FLOW	1	A
- 15	M613457-1	BRACKET	1	A
- 16	MS20825-5D	TEE, (ALT PN AN825-5D)	1	A
- 17	MS20822-5D	ELBOW, (ALT PN AN822-5D)	1	A
- 18	AN6004-1	REGULATOR	1	A
		(ATTACHING PARTS)		
- 19	MS35207-263	SCREW, (ALT PN AN520-10R8)	3	A
- 20	MS22055-1	TUBE ASSY, (ALT PN AN6003-4A)	1	A
- 21	AN737TW44-48	CLAMP	2	A
- 22	520CC8335R	PLATE, OXYGEN MOUNTING RH	1	A
	520CC8335L	PLATE, OXYGEN MOUNTING LH	1	A
	520CC8330R	BRACKET ASSY, INTERPHONE RH	1	A
	520CC8330L	BRACKET ASSY, INTERPHONE LH	1	A
		(ATTACHING PARTS)		
- 23	MS35207-262	SCREW, (ALT PN AN520-10R7)	8	A
	530CC6772	PANEL, MODIFICATION C-166/AIC-3 CONTROL	1	A
- 24	C166/AIC3	BOX, CONTROL (GFAE)	1	A
		(ATTACHING PARTS)		
- 25	MS35207-279	SCREW, (ALT PN AN520-416R8)	4	A
- 26	520CC9432	BRACKET	1	A
		(ATTACHING PARTS)		
- 27	MS35207-246	SCREW, (ALT PN AN520-8R10)	4	A
- 28	MS35058-22	SWITCH, (ALT PN AN3021-2)	2	A
- 29	AN3155-25-25	RHEOSTAT	1	A
- 30	AN3220-3	KNOB	1	A
- 31	68-701600A	TRAY, ASH (23040)	1	A
		(ATTACHING PARTS)		
- 32	MS35190-254	SCREW, (ALT PN AN505-8R10)	2	A
- 33	F21/ARA9	FILTER, (GFAE)	1	A
		(ATTACHING PARTS)		
- 34	MS35206-245	SCREW, (ALT PN AN515-8R8)	4	A
- 35	520CC8331R	BRACKET, MOUNT RH	1	A
	520CC8331L	BRACKET, MOUNT LH	1	A

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
	CONTINUED			
176				
	520CC8366R	PANEL ASSY, DATA CASE RH	1	A
	520CC8366L	PANEL ASSY, DATA CASE LH	1	A
		(ATTACHING PARTS)		
- 36	MS35207-264	SCREW, (ALT PN AN520-10R10)	8	A
		---*---		
- 37	36G2873	CASE, AIRCRAFT DATA (GFAE)	1	A
		(ATTACHING PARTS)		
- 38	MS35191-276	SCREW, (ALT PN AN510-10R16)	4	A
	48B24094DD3-16	SPACER	4	A
	AN960-10	WASHER	4	A
	AN970-3	WASHER	8	A
	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
		---*---		
- 39	2615	FLASHLIGHT, 2 CELL (GRAYBAR ELECTRIC COMPANY, OKLAHOMA CITY, OKLAHOMA)	1	A
- 40	22	HOLDER, FLASHLIGHT (MAGNA PRODUCTS COMPANY, BROOKLYN, N. Y.)	2	A
		(ATTACHING PARTS)		
- 41	AN550-8R6	SCREW	2	A
		---*---		
- 42	520CB8352	SPACER	1	A
		(ATTACHING PARTS)		
- 43	MS35206-255	SCREW, (ALT PN AN515-8R40)	2	A
	AN960-8	WASHER	2	A
	MS21044N08	NUT, (ALT PN AN365-832)	2	A
		---*---		
- 44	CR6350-5	CHAIR ASSY, SWIVEL (24503)	2	A
		(ATTACHING PARTS)		
- 45	MS27039-1-24	SCREW, (ALT PN AN525-10-24)	8	A
	AN960-10	WASHER	8	A
		---*---		
- 46	44G5437	BELT ASSY, SAFETY GREY RUSCO AERO (52504)(AE600)	2	A
- 47	1115062	PLATE, SAFETY BELT	4	A
		(ATTACHING PARTS)		
- 48	AN24-10A	BOLT	4	A
	48B24094DD4-24	SPACER	4	A
	AN960-416	WASHER	4	A
	AN365-1028	NUT	4	A
		---*---		
- 49	IP35/APS42	INDICATOR, AZIMUTH RANGE (GFAE)	1	A
	IP217/APS42A	INDICATOR, AZIMUTH RANGE (GFAE)	REF	A
		(ATTACHING PARTS)		
- 50	MS35207-261	SCREW, (ALT PN AN526-1032R6)	16	A
	AN960-10	WASHER	16	A
	MS21044N3	NUT, (ALT PN AN365-1032)	16	A
		---*---		
	520CC8347	BRACKET ASSY, INDICATOR SUPPORT	1	A
		(ATTACHING PARTS)		
- 51	AN507-1032R24	SCREW	8	A
	AN960-10	WASHER	8	A
	MS21044N3	NUT, (ALT PN AN365-1032)	8	A
		---*---		
- 52	520CB8344	CLIP	2	A
- 53	520CC8345	BRACKET	1	A
- 54	520CB8346	KNOB	2	A
		A 528 THRU 541		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

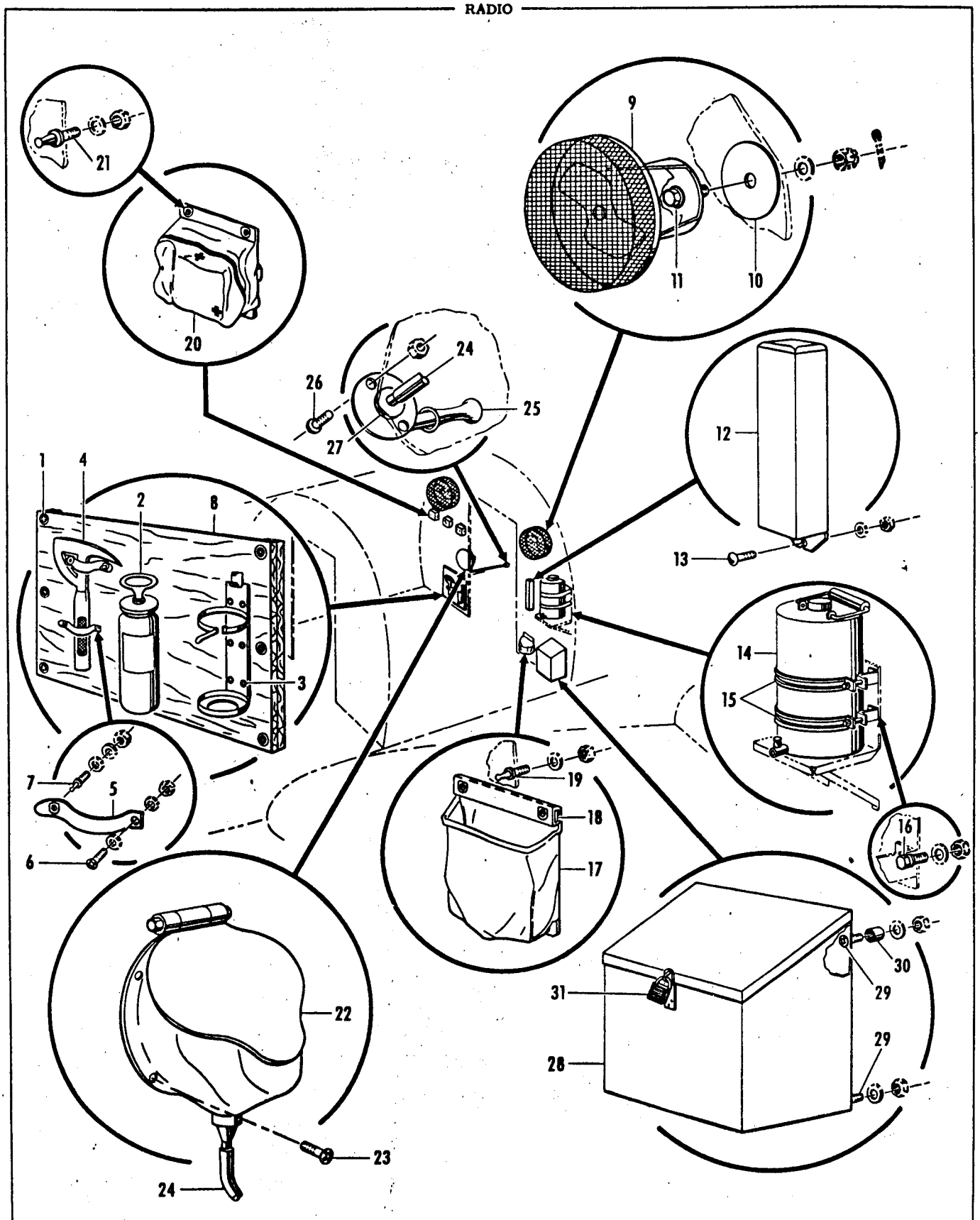

Figure 177. Bulkhead Equipment (Station 333.5)

V4-56

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
177	520CK8010	EQUIPMENT INSTL, BULKHEAD (STA 333.5)	1	A
	520CC8315	PANEL ASSY, FIRE AXE AND EXTINGUISHER	1	A
		(ATTACHING PARTS)		
- 1	MS35207-268	SCREW, (ALT PN AN520-10R20)	6	A
	AN960-10	WASHER	6	A
	AN970-3	WASHER	6	A
	MS21044N3	NUT, (ALT PN AN365-1032)	6	A
- 2	NO NUMBER	EXTINGUISHER, AIRCRAFT FIRE (TYPE A2) (US ARMY SPEC 85-2) (GFAE)	1	A
		(ATTACHING PARTS)		
- 3	MS35206-249	SCREW, (ALT PN AN515-8R16)	6	A
	AN960C8	WASHER	6	A
	MS21044N08	NUT, (ALT PN AN365-832)	6	A
- 4	42D8331	AXE, FIREMAN SMALL HAND (GFAE)	1	A
- 5	48A24225	STRAP ASSY, (GFAE)	2	A
		(ATTACHING PARTS)		
- 6	MS35207-265	SCREW, (ALT PN AN520-10R12)	2	A
- 7	AN227-26L	STUD	2	A
	AN960-10L	WASHER	4	A
	AN970-3	WASHER	4	A
	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
- 8	520CC8310	PANEL	1	A
- 9	M15-17499-1	FAN, (81205)	2	A
- 10	520CB9620	PAD, ADJUSTING	2	A
		(ATTACHING PARTS)		
- 11	AN4-7	BOLT	2	A
	AN960-416	WASHER	4	A
	AN310-4	NUT	2	A
	MS24665-153	PIN, (ALT PN AN380-2-3)	2	A
- 12	49D3786	DISPENSER, PAPER CUP (GFAE)	1	A
		(ATTACHING PARTS)		
- 13	MS35218-41	SCREW, (ALT PN AN515DD8R7)	2	A
	AN960D8	WASHER	2	A
	MS21044D08	NUT, (ALT PN AN365D832)	2	A
- 14	ST2001	JUG, WATER (TYPE 3) (MIL-C-3164) (GFAE)	1	A
- 15	9-5177	SUPPORT, WATER JUG (81205)	2	A
		(ATTACHING PARTS)		
- 16	AN3-31A	BOLT	4	A
	AN970-3	WASHER	4	A
	AN960-10	WASHER	4	A
	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
- 17	6-11750-1	RECEPTACLE, (81205)	1	A
- 18	500CA8358	PLATE, MOUNTING	2	A
- 19	AN227-268M8	STUD	4	A
	AN960-8	WASHER	4	A
	MS21044N08	NUT, (ALT PN AN365-832)	4	A
- 20	9-196-650	KIT, FIRST AID (GFAE)	3	A
- 21	AN227-258M8	STUD	12	A
	AN960-8	WASHER	12	A
	MS21044N08	NUT, (ALT PN AN365-832)	12	A
- 22	1944	URNIAL ASSY (92541)	1	A
		(ATTACHING PARTS)		
- 23	MS35206-246	SCREW, (ALT PN AN515-8R10)	4	A
- 24	520CK8010-1	TUBE	1	A
- 25	41A9177	VENTURI ASSY, (GFAE)	1	A
		(ATTACHING PARTS)		
- 26	MS35207-264	SCREW, (ALT PN AN520-10R10)	2	A
	MS21044N3	NUT, (ALT PN AN365-1032)	2	A
- 27	MS35489-17	GROMMET, (ALT PN AN931-10S14)	2	A
- 28	520CC8325	BOX ASSY, TOOL RECORDER	1	A
		(ATTACHING PARTS)		
- 29	MS35207-267	SCREW, (ALT PN AN520-10R16)	4	A
- 30	520CB8329	SPACER	2	A
	AN960-10	WASHER	4	A
	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
- 31	NO NUMBER	PADLOCK, (TYPE II-C) SIZE 1-1/8 (FEDERAL SPEC FF-P-101) (GFAE)	1	A
		A 528 THRU 541		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

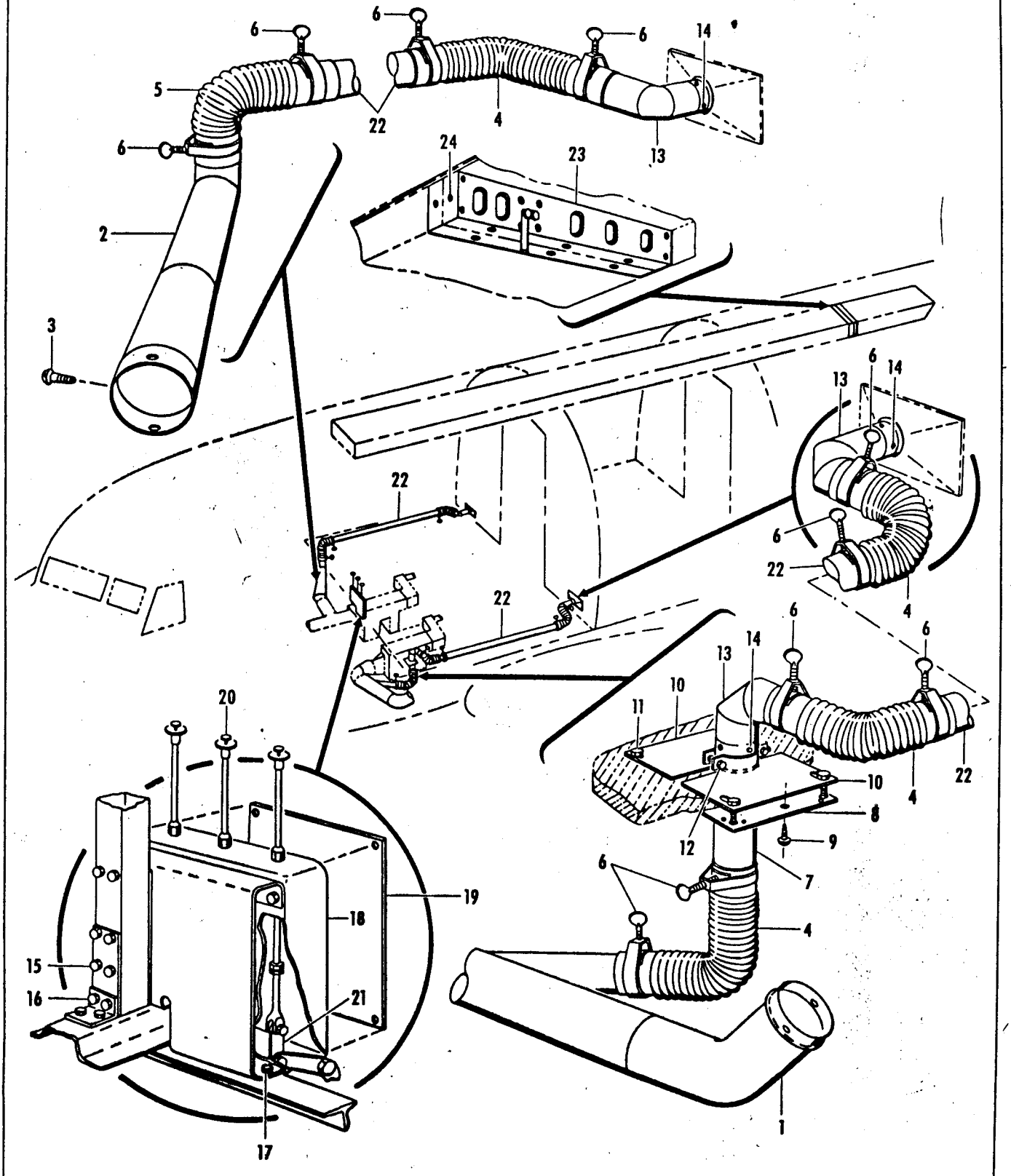

Figure 178. Modification Hot and Cold Air Duct

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FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
178	520CK8016	DUCT INSTL, MODIFICATION HOT AND COLD AIR	1	A
- 1	520CC8638	ELBOW ASSY	1	A
- 2	520CC8436	DUCT ASSY, REDUCER	1	A
- 3	MS24621-17	SCREW, (ALT PN AN530-6-6)	4	A
- 4	320024	HOSE, FLEXIBLE (70628)	4	A
- 5	3202420	HOSE, FLEXIBLE (70628)	1	A
- 6	AN737TW74-82	CLAMP	10	A
- 7	520CB8461	NIPPLE ASSY	1	A
- 8	520CB8385	PLATE ASSY	1	A
		(ATTACHING PARTS)	4	A
- 9	AN545-10R10	SCREW	2	A
- 10	520CB8386	CLAMP	4	A
		(ATTACHING PARTS)	2	A
- 11	AN3-15A	BOLT	2	A
- 12	AN3-13A	BOLT		
	MS21044N3	NUT, (ALT PN AN365-1032)	3	A
- 13	520CB8434	ELBOW ASSY	12	A
		(ATTACHING PARTS)		
- 14	MS24621-17	SCREW, (ALT PN AN530-6-6)	1	A
	520CC8467	BOX ASSY, CONTROL HEAT AND VENT	6	A
		(ATTACHING PARTS)	2	A
- 15	AN3-21A	BOLT	8	A
- 16	AN3-23A	BOLT	8	A
	AN960D10L	WASHER	2	A
	MS21044N3	NUT, (ALT PN AN365-1032)	1	A
- 17	AN3-4A	BOLT		
	520CB8468	SHADER	1	A
		BOX	1	A
- 18	520CC8465	COVER	3	A
- 19	5143573-8	LEVER ASSY	3	A
- 20	2142354	LINK ASSY	3	A
- 21	520CB8462	BUSHING, (70417)	2	A
	A301-2	DUCT ASSY	1	A
- 22	520CC8460	SHUTTER ASSY		
- 23	520CB8445	(ATTACHING PARTS)	14	A
- 24	AN545-4R5	SCREW		
		A 528 THRU 541		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

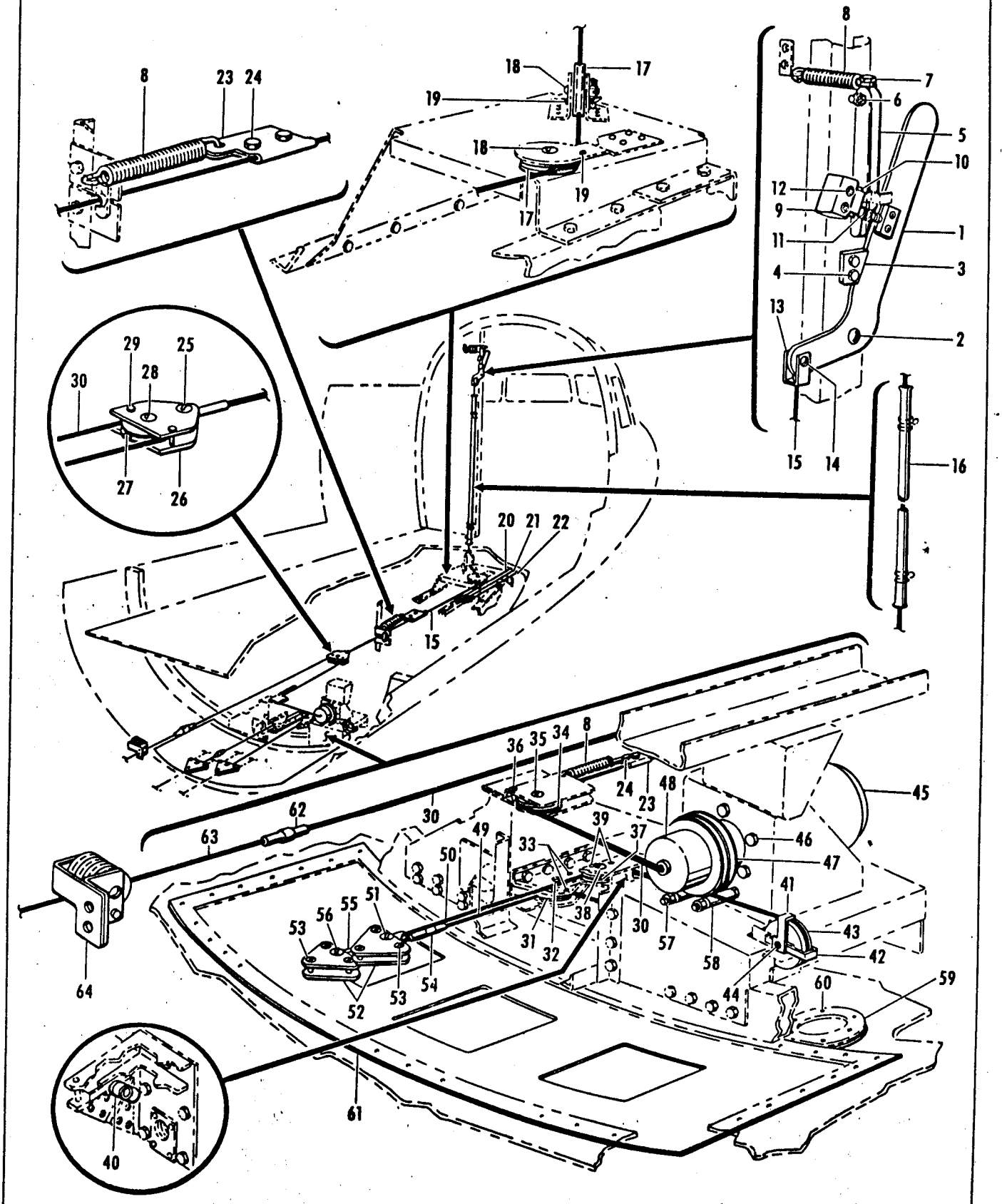

Figure 170. Auto-Pilot (Type F-1) (Station 86 to 222.5)

V4-58

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
179	520CJ9204	AUTO-PILOT INSTL, (TYPE F1) (STA 86 TO 222.5)	1	A
		(SEE FIG. 180, 181 AND 182 FOR ADDITIONAL DETAILS)		
- 1	520CB9437	HANDLE, EMERGENCY DISCONNECT	1	A
		(ATTACHING PARTS)		
- 2	AN24-14	BOLT	1	A
	AN960-416	WASHER	2	A
	AN320-4	NUT	1	A
	MS24665-153	PIN, (ALT PN AN380-2-3)	1	A
- 3	520CB9435	PLATE	1	A
		(ATTACHING PARTS)		
- 4	AN3-7A	BOLT	2	A
	AN960-10	WASHER	2	A
	MS21044N3	NUT, (ALT PN AN365-1032)	2	A
- 5	520CB9434	LOCK	1	A
		(ATTACHING PARTS)		
- 6	AN23-16A	BOLT	1	A
- 7	AN3-3A	BOLT	1	A
	AN960-10	WASHER	1	A
	MS21044N3	NUT, (ALT PN AN365-1032)	1	A
- 8		SPRING, (PN OCAD46A86-042-20-60-77)	3	A
		(OKLAHOMA CITY AIR DEPOT DWG)		
- 9	520CB6285	COVER, SWITCH	1	A
- 10	MS25026-1	SWITCH, (ALT PN AN3210-1)	1	A
- 11	AN3168-2	ACTUATOR	1	A
		(ATTACHING PARTS)		
- 12	AN515-6R22	SCREW	2	A
	AN960-6	WASHER	2	A
	MS21044N06	NUT, (ALT PN AN365-632)	2	A
- 13	520CB9440	CLIP	1	A
		(ATTACHING PARTS)		
- 14	AN23-15	BOLT	1	A
	AN960-10	WASHER	1	A
	AN320-3	NUT	1	A
	MS24665-153	PIN, (ALT PN AN380-2-3)	1	A
- 15	520CB9600-1	CABLE	1	A
- 16	520CB9433	CONDUIT	1	A
	520CD9460	BRACKET ASSY, FORWARD SERVO DISCONNECT	1	A
- 17	MS24566-2B	PULLEY, (ALT PN AN210-2B)	2	A
		(ATTACHING PARTS)		
- 18	AN23-13	BOLT	2	A
	AN960-10	WASHER	2	A
	AN310-3	NUT	2	A
	MS24665-153	PIN, (ALT PN AN380-2-3)	2	A
- 19	MS20392-1C17	PIN, (ALT PN AN392-17)	2	A
	AN960-4	WASHER	2	A
	MS24665-151	PIN, (ALT PN AN380-2-1)	2	A
- 20	520CB9719-1	CABLE, FORWARD AILERON (REPLACES CABLE ASSY 3113117)	1	A
- 21	520CB9719-2	CABLE, FORWARD ELEVATOR (REPLACES	1	A
		CABLE ASSY S2074410-4-8-2316)		
- 22	520CB9719-3	CABLE, FORWARD RUDDER (REPLACES	1	A
		CABLE ASSY S2074410-4-8-5024)		
- 23	530CB6290	CLAMP	2	A
		(ATTACHING PARTS)		
- 24	AN3-3A	BOLT	4	A
	AN960-10	WASHER	4	A
	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
	520CB9346	BRACKET ASSY	1	A
		(ATTACHING PARTS)		
- 25	AN23-14	BOLT	1	A
	AN960-10	WASHER	1	A
	AN320-3	NUT	1	A
	MS24665-153	PIN, (ALT PN AN380-2-3)	1	A
- 26	520CB9345	PLATE, BRACKET	2	A
- 27	MS24566-2B	PULLEY, (ALT PN AN210-2B)	1	A
		(ATTACHING PARTS)		
- 28	AN23-13	BOLT	1	A
	AN960-10	WASHER	1	A
	AN310-3	NUT	1	A
	MS24665-153	PIN, (ALT PN AN380-2-3)	1	A
- 29	MS20392-1S	PIN, (ALT PN AN392-1S)	2	A
	AN960-4	WASHER	2	A
	MS24665-151	PIN, (ALT PN AN380-2-1)	2	A
- 30	520CB9600-2	CABLE	1	A
	520CD9342	BRACKET ASSY, AILERON SERVO PULLEY	1	A
- 31	MS24566-3B	PULLEY, (ALT PN AN210-3B)	1	A
		(ATTACHING PARTS)		
- 32	AN24-16	BOLT	1	A
	AN960-416	WASHER	1	A

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
	CONTINUED			
179	AN310-4	NUT	1	A
	MS24665-153	PIN, (ALT PN AN380-2-3)	1	A
- 33	MS20392-1C23	PIN, (ALT PN AN392-23)	2	A
	AN960-4	WASHER	2	A
	MS24665-151	PIN, (ALT PN AN380-2-1)	2	A
- 34	MS24566-2B	PULLEY, (ALT PN AN210-2B)	1	A
		(ATTACHING PARTS)		
- 35	AN23-14	BOLT	1	A
	AN960-10	WASHER	1	A
	AN310-3	NUT	1	A
	MS24665-153	PIN, (ALT PN AN380-2-3)	1	A
- 36	MS20392-1C17	PIN, (ALT PN AN392-17)	1	A
	AN960-4	WASHER	1	A
	MS24665-151	PIN, (ALT PN AN380-2-1)	1	A
	520CD9350	BRACKET ASSY, AILERON SERVO MOUNTING	1	A
- 37	MS24566-3B	PULLEY, (ALT PN AN210-3B)	1	A
		(ATTACHING PARTS)		
- 38	AN24-19	BOLT	1	A
	AN960-416	WASHER	1	A
	AN310-4	NUT	1	A
	MS24665-153	PIN, (ALT PN AN380-2-3)	1	A
- 39	MS20392-1C25	PIN, (ALT PN AN392-25)	2	A
	AN960-4	WASHER	2	A
	MS24665-151	PIN, (ALT PN AN380-2-1)	2	A
- 40	S1072388-8	GROMMET	2	A
- 41	520CB9843	GUARD	1	A
- 42	520CB9358	GUARD	1	A
- 43	MS24566-4B	PULLEY, (ALT PN AN210-4B)	1	A
		(ATTACHING PARTS)		
- 44	AN24-22	BOLT	1	A
	AN960-416	WASHER	1	A
	AN310-4	NUT	1	A
	MS24665-153	PIN, (ALT PN AN380-2-3)	1	A
- 45	12361-1A	SERVO, AILERON (19315)	1	A
		(ATTACHING PARTS)		
- 46	AN4H5A	BOLT	6	A
	AN960-416	WASHER	6	A
- 47	DY1-3	PULLEY, (19315)	1	A
- 48	DQ9	DISCONNECT (19315)	1	A
- 49	520CB9601-2	CABLE, INBOARD AILERON SERVO	1	A
- 50	520CB9601-1	CABLE, OUTBOARD AILERON SERVO	1	A
		(ATTACHING PARTS)		
- 51	AN23-12	BOLT	1	A
	AN960-10L	WASHER	1	A
	AN320-3	NUT	1	A
	MS24665-153	PIN, (ALT PN AN380-2-3)	1	A
- 52	520CB9348	CONNECTOR, AILERON CABLE (REPLACES LINK 1118566 OF CABLE ASSEMBLIES 3114264 AND 3112788)	4	A
- 53	AN5-7	BOLT	6	A
	AN310-5	NUT	6	A
	MS24665-155	PIN, (ALT PN AN380-2-4)	6	A
- 54	MS21251B5L	TURNBUCKLE, (ALT PN AN155-32L)	1	A
- 55	MS21255-4LL	END, (ALT PN AN170-22LL)	1	A
		(ATTACHING PARTS)		
- 56	AN23-12	BOLT	1	A
	AN960-10	WASHER	1	A
	AN320-3	NUT	1	A
	MS24665-153	PIN, (ALT PN AN380-2-3)	1	A
- 57	AN507-428R40	SCREW	2	A
	AN960-416	WASHER	4	A
	AN316-4R	NUT	2	A
	MS21044N4	NUT, (ALT PN AN365-428)	2	A
- 58	48B24094DD-4-112	SPACER	2	A
- 59	520CB9381	COVER, PLATE	1	A
		(ATTACHING PARTS)		
- 60	MS35207-263	SCREW, (ALT PN AN520-10-8)	6	A
- 61	520CD9227	PANEL ASSY, (ATTACH WITH EXISTING HARDWARE)	1	A
- 62	MS21251B2L	TURNBUCKLE, (ALT PN AN155-8L)	1	A
- 63	520CB9600-3	CABLE, MAIN (SEE FIG. 180 FOR CONTINUATION)	REF	A
- 64	530CC6252	BRACKET ASSY, RUDDER TAB AND AUTO-PILOT DISCONNECT CABLE PULLEY STA 222.5 (SEE FIG. 180 FOR DETAILS)	REF	A
		A 528 THRU 541		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

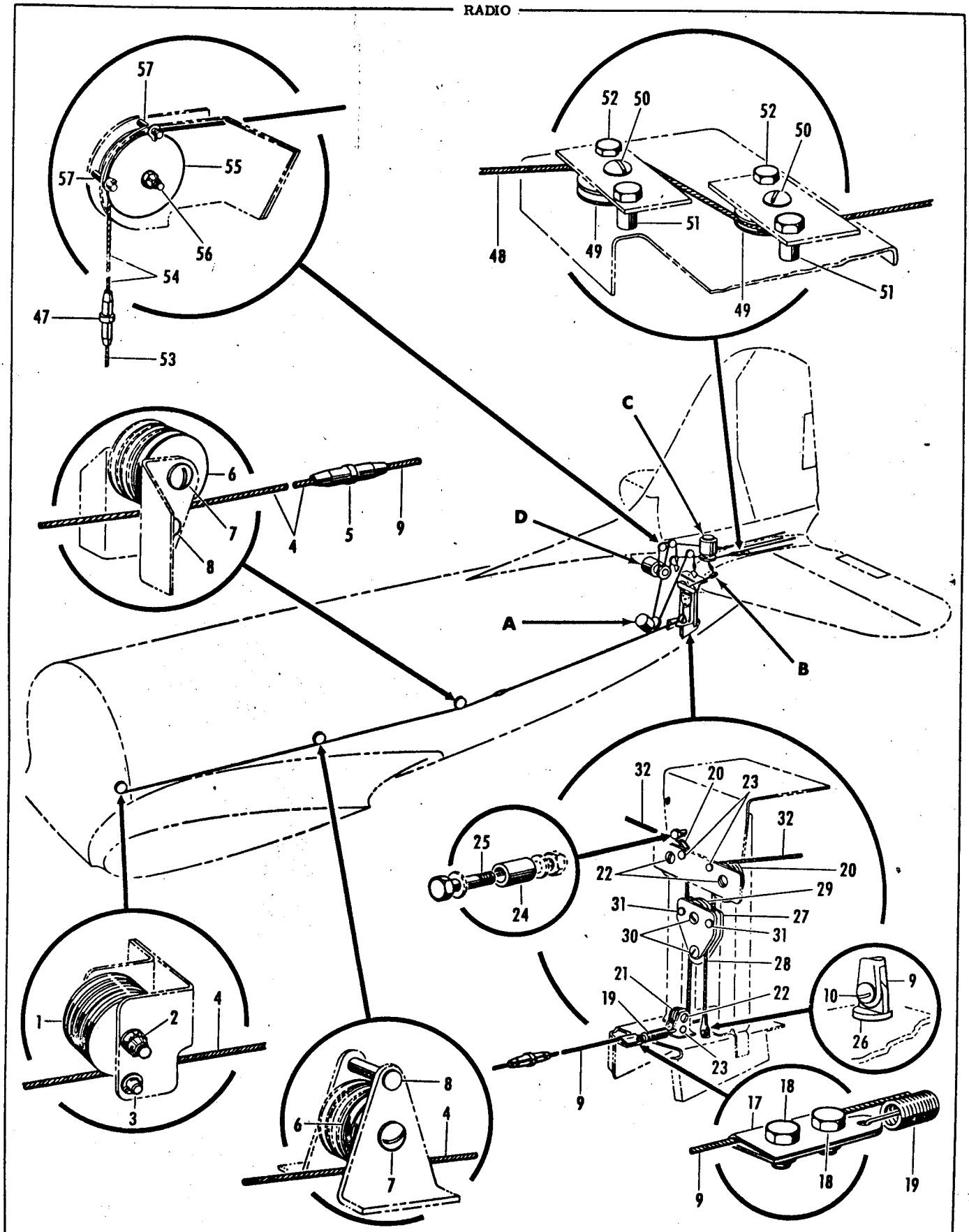

Figure 180. Auto-Pilot (Type F-1) (Station 86 to 222.5) (Sheet 1 of 2)

V4-59

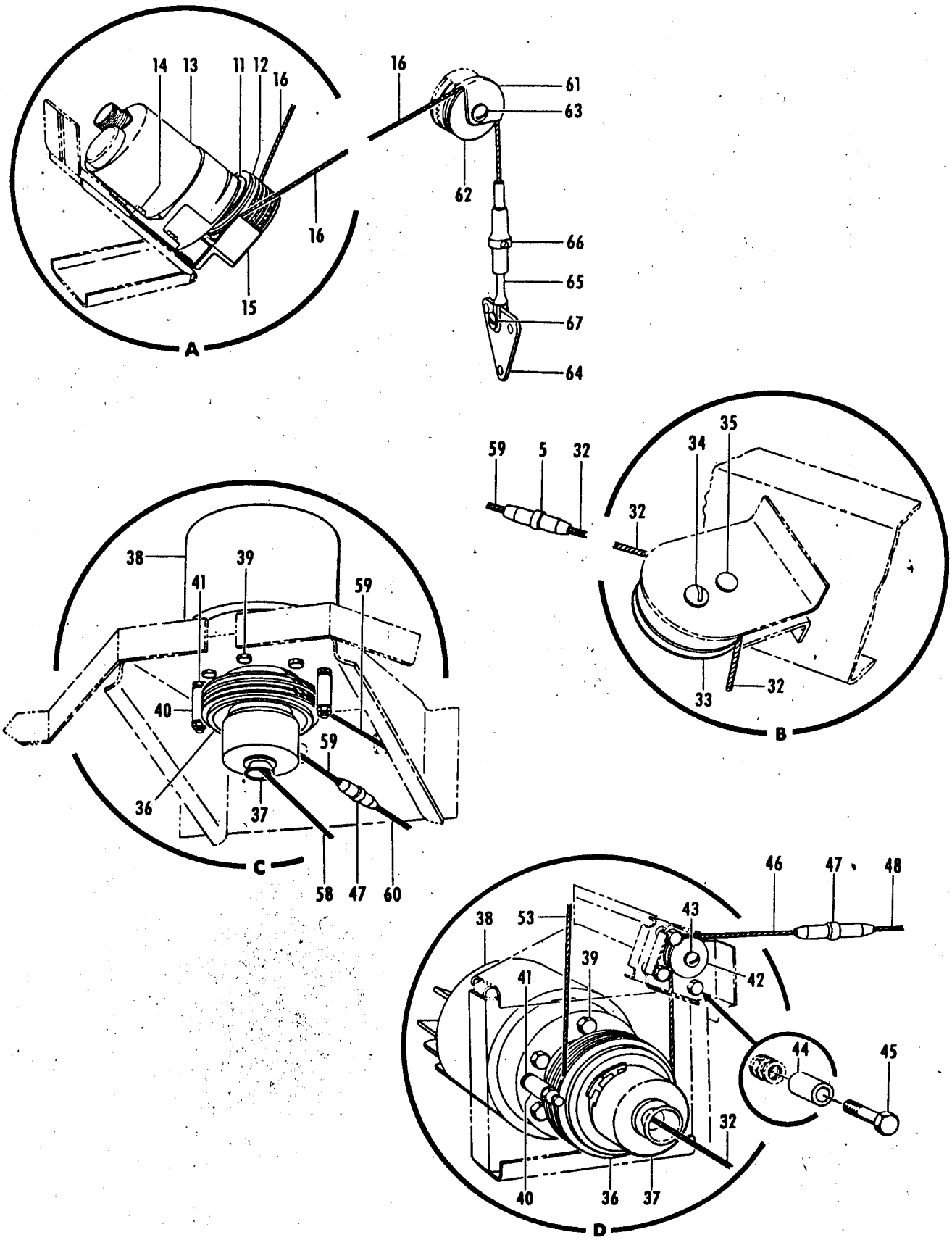

Figure 180. Auto-Pilot (Type F-1) (Station 86 to 222.5) (Sheet 2 of 2)

V4-60

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
180	520CJ9204	AUTO-PILOT INSTL, (TYPE F-1) (STA 86 TO 222.5)	REF	A
		(SEE FIG. 179, 181 AND 182 FOR ADDITIONAL DETAILS)		
	530CC6252	BRACKET ASSY, RUDDER TAB AND AUTO-PILOT DISCONNECT CABLE PULLEY STA 222.5	1	A
- 1	MS24566-1B	PULLEY, (ALT PN AN210-1B)	3	A
		(ATTACHING PARTS)		
- 2	AN23-22	BOLT	1	A
	AN960-10	WASHER	1	A
	AN310-3	NUT	1	A
	MS24665-153	PIN, (ALT PN AN380-2-3)	1	A
- 3	MS20392-1C35	PIN, (ALT PN AN392-35)	1	A
	AN960-4	WASHER	1	A
	MS24665-151	PIN, (ALT PN AN380-2-1)	1	A
- 4	520CB9600-3	CABLE, MAIN (SEE FIG. 179 FOR CONTINUATION)	1	A
- 5	MS21251B2L	TURNBUCKLE, (ALT PN AN155-8L)	2	A
- 6	MS24566-1B *	PULLEY, (ALT PN AN210-1B)	2	A
		(ATTACHING PARTS)		
- 7	AN23-22	BOLT	2	A
	AN960-10L	WASHER	2	A
	AN320-3	NUT	2	A
	MS24665-153	PIN, (ALT PN AN380-2-3)	2	A
- 8	MS20392-1C35	PIN, (ALT PN AN392-35)	2	A
	MS24665-151	PIN, (ALT PN AN380-2-1)	2	A
- 9	520CB9600-4	CABLE, RUDDER AND ELEVATOR	1	A
		(ATTACHING PARTS)		
- 10	AN23-9	BOLT	1	A
	AN960-10L	WASHER	1	A
	AN320-3	NUT	1	A
	MS24665-153	PIN, (ALT PN AN380-2-3)	1	A
- 11	D017A2	RELEASE, (19315)	1	A
- 12	DY5-1	PULLEY, (19315)	1	A
- 13	15621-1A	SERVO, (19315)	1	A
		(ATTACHING PARTS)		
- 14	AN4-7A	BOLT	4	A
	AN960-416	WASHER	4	A
- 15	520CB9448	GUARD ASSY	1	A
- 16	530CB6278	CABLE	2	A
- 17	530CB6290	CLAMP	1	A
		(ATTACHING PARTS)		
- 18	AN3-3A	BOLT	2	A
	AN960-10	WASHER	2	A
	MS21044N3	NUT, (ALT PN AN365-1032)	2	A
- 19		SPRING, (PN 0CAD46A86-042-20-60-77)	1	A
		(OKLAHOMA CITY AIR DEPOT DWG)		
	520CE9466	BRACKET ASSY, RUDDER AND ELEVATOR AUTO PILOT DISCONNECT STA 623	1	A
- 20	MS24566-2B	PULLEY, (ALT PN AN210-2B)	2	A
- 21	MS24566-1B	PULLEY, (ALT PN AN210-1B)	1	A
		(ATTACHING PARTS)		
- 22	AN23-13	BOLT	3	A
	AN960-10	WASHER	3	A
	AN310-3	NUT	3	A
	MS24665-153	PIN, (ALT PN AN380-2-3)	3	A
- 23	MS20392-1C15	PIN, (ALT PN AN392-15)	3	A
	AN960-4	WASHER	3	A
	MS24665-151	PIN, (ALT PN AN380-2-1)	3	A
- 24	48B24094-3-24	SPACER	1	A
- 25	AN3-10A	BOLT	1	A
	AN960-10	WASHER	2	A
	MS21044N3	NUT, (ALT PN AN365-1032)	2	A
- 26	AN42-3A	BOLT	1	A
	520CC9590	BRACKET ASSY, ELEVATOR	1	A
- 27	520CB9439	BRACKET	2	A
- 28	MS24566-1B	PULLEY, (ALT PN AN210-1B)	1	A
- 29	MS24566-2B	PULLEY, (ALT PN AN210-2B)	1	A
		(ATTACHING PARTS)		
- 30	AN23-13	BOLT	2	A
	AN960-10	WASHER	2	A
	AN310-3	NUT	2	A
	MS24665-153	PIN, (ALT PN AN380-2-3)	2	A
- 31	MS20392-1C15	PIN, (ALT PN AN392-15)	2	A
	AN960-4	WASHER	2	A
	MS24665-151	PIN, (ALT PN AN380-2-1)	2	A
- 32	520CB9600-5	CABLE, ELEVATOR	1	A
	520CC9455	BRACKET ASSY, RUDDER DISCONNECT SIDE	1	A
- 33	MS24566-2B	PULLEY, (ALT PN AN210-2B)	1	A
		(ATTACHING PARTS)		
- 34	AN23-13	BOLT	1	A
	AN960-10	WASHER	1	A
	AN310-3	NUT	1	A

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
180	MS24665-153	PIN, (ALT PN AN380-2-3)	1	A
- 35	MS20392-1C17	PIN, (ALT PN AN392-17)	1	A
	AN960-4	WASHER	1	A
	MS24665-151	PIN, (ALT PN AN380-2-1)	1	A
- 36	DY1-2	PULLEY, (19315)	2	A
- 37	DQ9	DISCONNECT, (19315)	2	A
- 38	12361-1A	SERVO, (19315)	2	A
		(ATTACHING PARTS)		
- 39	AN4H5A	BOLT	12	A
	AN960-416	WASHER	12	A
- 40	48B24094DD4-112	SPACER	4	A
- 41	AN507-428R40	SCREW	4	A
	AN316-4R	NUT	4	A
	AN960-416	WASHER	8	A
	MS21044N4	NUT, (ALT PN AN365-428)	4	A
	520CC9389	BRACKET ASSY, FORWARD LOWER ELEVATOR	1	A
- 42	MS24566-3B	PULLEY, (ALT PN AN210-3B)	1	A
		(ATTACHING PARTS)		
- 43	AN24-16	BOLT	1	A
	AN960-416	WASHER	1	A
	AN310-4	NUT	1	A
	MS24665-153	PIN, (ALT PN AN380-2-3)	1	A
- 44	48B24094DD4-32	SPACER	3	A
- 45	AN4-10A	BOLT	3	A
	AN960-416	WASHER	3	A
	MS21044N4	NUT, (ALT PN AN365-428)	3	A
- 46	520CB9601-7	CABLE, FORWARD LOWER ELEVATOR	1	A
- 47	MS21251B5L	TURNBUCKLE, (ALT PN AN155-32L)	4	A
- 48	520CB9601-8	CABLE, LOWER ELEVATOR (SEE FIG. 181 FOR CONTINUATION)	1	A
	520CB9941	BRACKET ASSY, LOWER ELEVATOR PULLEY	1	A
- 49	MS24566-3B	PULLEY, (ALT PN AN210-3B)	2	A
		(ATTACHING PARTS)		
- 50	AN24-18	BOLT	2	A
	AN960-416	WASHER	2	A
	AN310-4	NUT	2	A
	MS24665-153	PIN, (ALT PN AN380-2-3)	2	A
- 51	48B24094DD4-32	SPACER	4	A
- 52	AN4-12A	BOLT	4	A
	AN960-416	WASHER	4	A
	MS21044N4	NUT, (ALT PN AN365-428)	4	A
- 53	520CB9601-4	CABLE, UPPER FORWARD ELEVATOR	1	A
- 54	520CB9601-6	CABLE, UPPER AFT ELEVATOR (SEE FIG. 181 FOR CONTINUATION)	1	A
	520CB9393	BRACKET ASSY	1	A
- 55	MS24566-4B	PULLEY, (ALT PN AN210-4B)	1	A
		(ATTACHING PARTS)		
- 56	AN24-18	BOLT	1	A
	AN960-416	WASHER	1	A
	AN320-4	NUT	1	A
	MS24566-153	PIN, (ALT PN AN380-2-3)	1	A
- 57	MS20392-1C25	PIN, (ALT PN AN392-25)	2	A
	AN960-4	WASHER	2	A
	MS24665-151	PIN, (ALT PN AN380-2-1)	2	A
- 58	520CB9600-6	CABLE, RUDDER	1	A
- 59	520CB9601-3	CABLE, FORWARD RUDDER	2	A
- 60	520CB9601-5	CABLE, AFT RUDDER (SEE FIG. 181 FOR CONTINUATION)	2	A
- 61	520CB9442	GUARD	2	A
- 62	MS24566-2B	PULLEY, (ALT PN AN210-2A)	2	A
		(ATTACHING PARTS)		
- 63	AN23-24	BOLT	2	A
	AN960-10L	WASHER	2	A
	AN320-3	NUT	2	A
	MS24665-153	PIN, (ALT PN AN380-2-3)	2	A
- 64	1115743	LINK, (MODIFIED BY 520CJ9204)	2	A
- 65	MS21252-3RL	END, (ALT PN AN161-16RL)	2	A
- 66	MS21251B3L	TURNBUCKLE, (ALT PN AN155-16L)	2	A
		(ATTACHING PARTS)		
- 67	AN23-11	BOLT	2	A
	AN960-10L	WASHER	2	A
	AN320-3	NUT	2	A
	MS24665-153	PIN, (ALT PN AN380-2-3)	2	A
		A 528 THRU 541		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		
		* DOUGLAS BRACKETS 1114698 STA 333 AND 1118282 STA 465 HAVE BEEN RELOCATED TO RECEIVE AN ADDITIONAL PULLEY.		

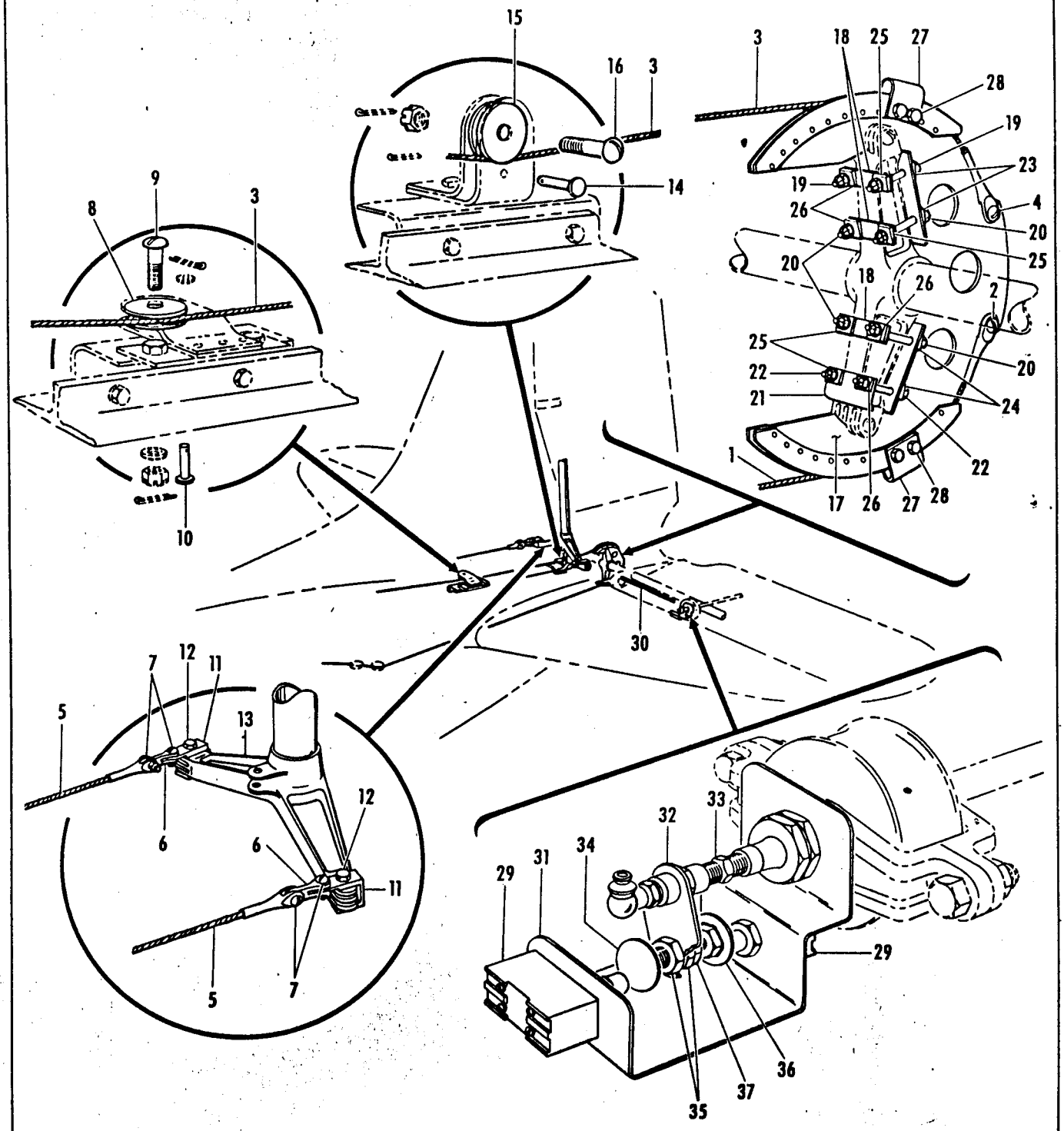

Figure 181. Auto-Pilot (Type F-1) (Station 86 to 222.5) V4-61

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
181	520CJ9204	AUTO-PILOT INSTL. (TYPE F-1) (STA 86 TO 222.5)	REF	A
		(SEE FIG. 179, 180 AND 182 FOR ADDITIONAL DETAILS)		
- 1	520CB9601-8	CABLE, LOWER ELEVATOR (SEE FIG. 180 FOR CONTINUATION)	1	A
		(ATTACHING PARTS)		
- 2	AN23-12	BOLT	1	A
	AN320-3	NUT	1	A
	MS24665-153	PIN, COTT (ALT PN AN380-2-3)	1	A
- 3	520CB9601-6	CABLE, UPPER AFT ELEVATOR (SEE FIG. 180 FOR CONTINUATION)	1	A
		(ATTACHING PARTS)		
- 4	AN23-12	BOLT	1	A
	AN320-3	NUT	1	A
	MS24665-153	PIN, COTT (ALT PN AN380-2-3)	1	A
- 5	520CB9601-5	CABLE, AFT RUDDER (SEE FIG. 180 FOR CONTINUATION)	2	A
- 6	520CA9452	LINK	2	A
		(ATTACHING PARTS)		
- 7	AN23-12	BOLT	4	A
	AN320-3	NUT	4	A
	MS24665-153	PIN, COTT (ALT PN AN380-2-3)	4	A
	530CC6241	BRACKET ASSY, UPPER ELEVATOR PULLEY	1	A
- 8	MS24566-3B	PULLEY, (ALT PN AN210-3B)	1	A
		(ATTACHING PARTS)		
- 9	AN24-18	BOLT	1	A
	AN310-4	NUT	1	A
	MS24665-153	PIN, COTT (ALT PN AN380-2-3)	1	A
- 10	MS20392-1C25	PIN, COTT (ALT PN AN392-25)	1	A
	AN960-4	WASHER	1	A
	MS24665-151	PIN, COTT (ALT PN AN380-2-1)	1	A
- 11	520CB9451-L	YOKE	1	A
	520CB9451-R	YOKE	1	A
		(ATTACHING PARTS)		
- 12	AN5-31A	BOLT	2	A
	AN960-516	WASHER	2	A
	MS21044N5	NUT, COTT (ALT PN AN365-524)	2	A
- 13	5118U56	HORN, RUDDER	1	A
	530CB6244	BRACKET ASSY, UPPER ELEVATOR PULLEY	1	A
- 14	MS20392-1C25	PIN, COTT (ALT PN AN392-25)	1	A
	MS24665-151	PIN, COTT (ALT PN AN380-2-1)	1	A
- 15	MS24566-3B	PULLEY, (ALT PN AN210-3B)	1	A
		(ATTACHING PARTS)		
- 16	AN24-17	BOLT	1	A
	AN320-4	NUT	1	A
	MS24665-151	PIN, COTT (ALT PN AN380-2-2)	1	A
- 17	520CC9373	BRACKET	1	A
- 18	520CA9377	PLATE	3	A
		(ATTACHING PARTS)		
- 19	AN4-26A	BOLT	2	A
- 20	AN4-32A	BOLT	4	A
	AN960-416	WASHER	6	A
	MS21044N4	NUT, COTT (ALT PN AN365-428)	6	A
- 21	520CB9338	PLATE	1	A
		(ATTACHING PARTS)		
- 22	AN4-25A	BOLT	2	A
	AN960-416	WASHER	2	A
	MS21044N4	NUT, COTT (ALT PN AN365-428)	2	A
- 23	520CB9599L	WEDGE	4	A
- 24	520CB9599R	WEDGE	4	A
- 25	520CB9598L	WEDGE	4	A
- 26	520CB9598R	WEDGE	4	A
- 27	520CB9449	GUARD	2	A
		(ATTACHING PARTS)		
- 28	AN3-7A	BOLT	4	A
	MS21044N3	NUT, COTT (ALT PN AN365-1032)	4	A
- 29	BZ7RQ1T	SWITCH, (S1929)	2	A
- 30	520CA9602	CONDUIT	1	A
- 31	520CC9608	BRACKET	1	A
	520CB9604	CAM ASSY, TRIM TAB LIMIT SWITCH ACTUATOR,	1	A
- 32	520CB9607	PLATE	1	A
- 33	AN911-1	NIPPLE	1	A
	520CB9547	STOP ASSY, TRIM TAB LIMIT SWITCH ACTUATOR MALE	1	A
- 34	520CB9547-1	DISC	1	A
- 35	AN316-6R	NUT	2	A
	520CB9548	STOP ASSY, TRIM TAB LIMIT SWITCH ACTUATOR MALE	1	A
- 36	520CB9548-1	DISC	1	A
- 37	AN315-3R	NUT	1	A
		A 528 THRU 541		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

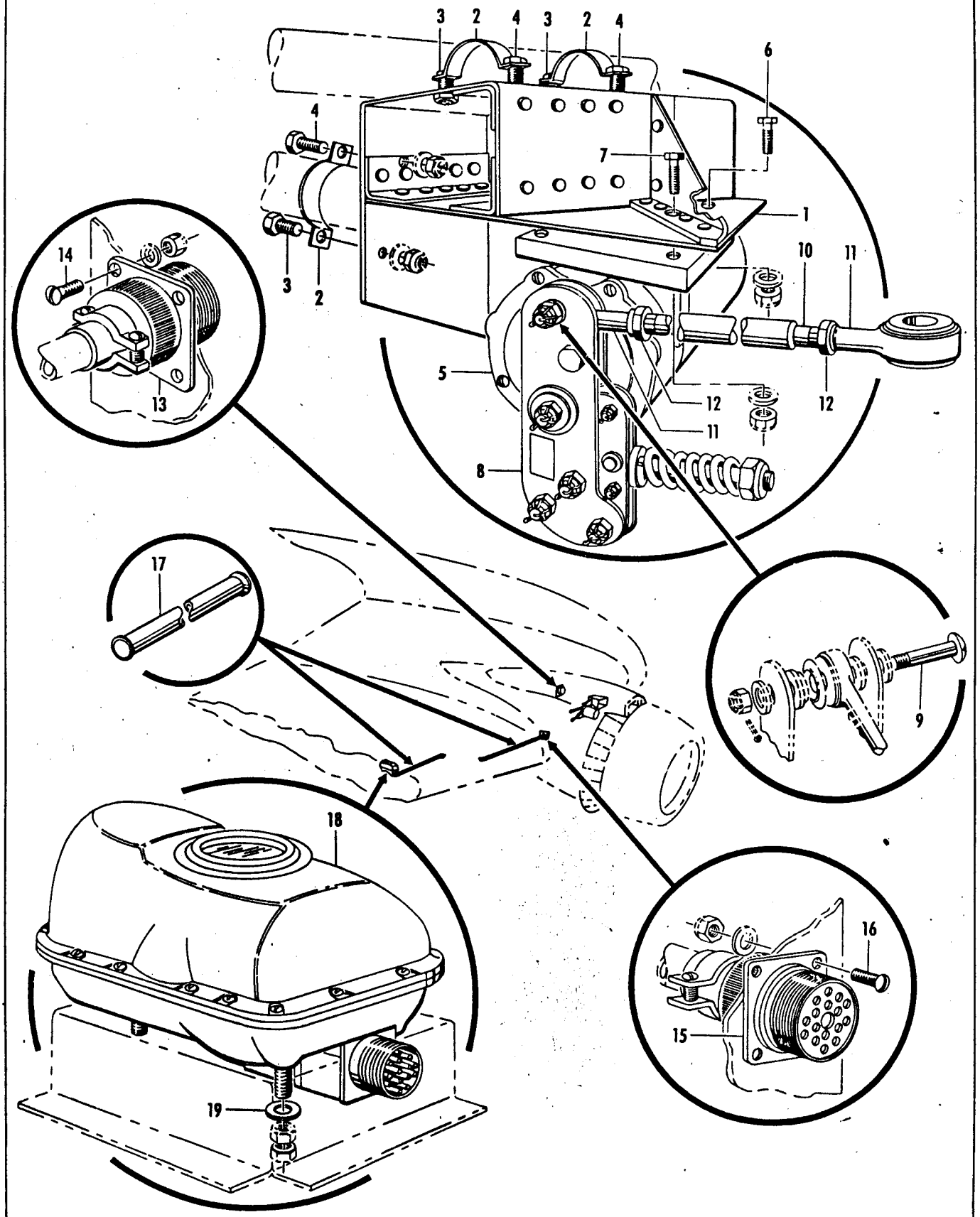

Figure 182. Auto-Pilot (Type F-1) (Station 86 to 222.5)

V4-62

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
182	520CJ9204	AUTO-PILOT INSTL, (TYPE F-1) (STA 86 TO 222.5)	REF	A
		(SEE FIG. 179, 180 AND 181 FOR ADDITIONAL DETAILS)		
- 1	520CD9366	BRACKET	2	A
		(ATTACHING PARTS)		
- 2	AN741T9P	CLAMP	8	A
- 3	AN4-13A	BOLT	10	A
- 4	AN4-14A	BOLT	6	A
	AN960-416	WASHER	16	A
	MS21045-4	NUT, (ALT PN AN363-428)	16	A
- 5	15621-1A	SERVO, (19315)	2	A
		(ATTACHING PARTS)		
- 6	AN4-7A	BOLT	4	A
- 7	AN4-10A	BOLT	4	A
	AN960-416	WASHER	8	A
	MS21045-4	NUT, (ALT PN AN363-428)	8	A
- 8	DQ20-0	DISCONNECT, (19315)	2	A
	520CB9430-1	ROD ASSY, LH	1	A
	520CB9430-2	ROD ASSY, RH	1	A
		(ATTACHING PARTS)		
- 9	AN23-24	BOLT	2	A
	AN960-10	WASHER	10	A
	MS24665-153	PIN, (ALT PN AN380-2-3)	2	A
	AN320-3	NUT	2	A
- 10	520CB9429-1	ROD, LH	1	A
	520CB9429-2	ROD, RH	1	A
- 11	33A6241	END ASSY, ROD	2	A
- 12	AN316C4R	NUT	2	A
- 13	FW00-18-1S	RECEPTACLE, (71468)	2	A
		(ATTACHING PARTS)		
- 14	MS51957-15	SCREW, (ALT PN AN515C4-6)	8	A
	MS35338-40	WASHER, (ALT PN AN935-4)	8	A
	MS20341-4C	NUT, (ALT PN AN340C4)	8	A
- 15	MS3100R20-1S	PLUG, (ALT PN AN3100-20-1S)	1	A
		(ATTACHING PARTS)		
- 16	MS35206-215	SCREW, (ALT PN AN515-4-6)	4	A
	AN960-4	WASHER	4	A
	MS21044N04	NUT, (ALT PN AN365-440)	4	A
- 17	530CB6254	CONDUIT	2	A
- 18	15001-1A	TRANSMITTER, FLUXGATE (19315)	1	A
		(ATTACHING PARTS)		
- 19	AN960D416	WASHER	3	A
	AN315D4	NUT	6	A
		A 528 THRU 541		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

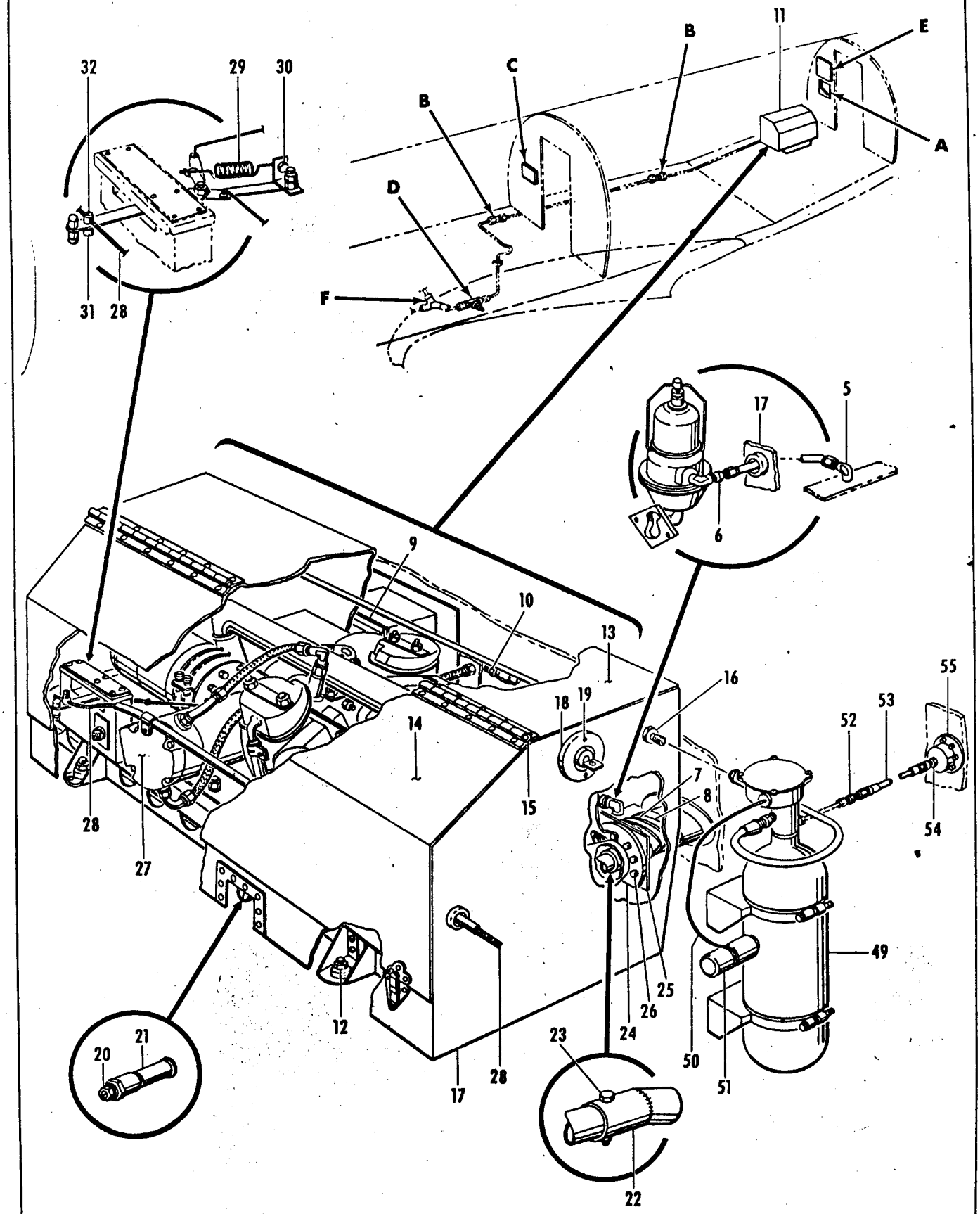

Figure 183. D-2 Auxiliary Power Plant Equipment (Sheet 1 of 2)

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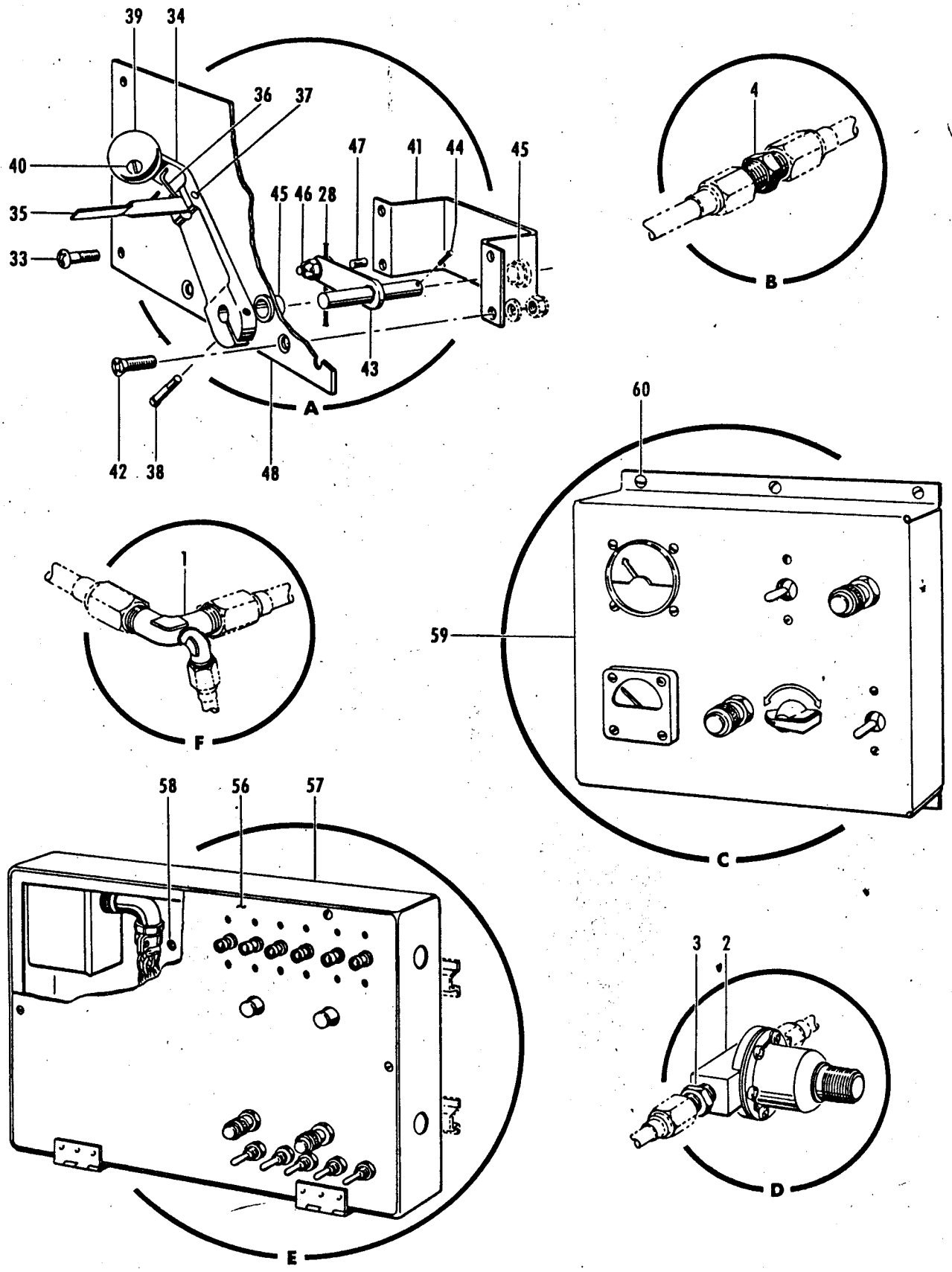

Figure 183. D-2 Auxiliary Power Plant Equipment (Sheet 2 of 2)

V4-64

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
183	520CJ9201	EQUIPMENT INSTL, D-2 AUXILIARY POWER PLANT	1	A
- 1	550CB6060	FITTING, ELBOW	1	A
- 2	G104A4	VALVE, FUEL (91929)	1	A
- 3	AN816-5-4D	NIPPLE	2	A
- 4	AN815-4	UNION	2	A
- 5	AN833-5D	ELBOW	1	A
	AN924-5D	NUT	1	A
- 6	AN816-5D	NIPPLE	1	A
- 7	26W-1	DUCT, (73842)	1	A
- 8	420-750-52505	CLAMP, (98625)	1	A
- 9	520CD8481	DUCT ASSY	1	A
- 10	AN840-4D	ADAPTER	1	A
- 11	520CK9232	HOUSING ASSY, AUXILIARY POWER PLANT	1	A
		(ATTACHING PARTS)		
- 12	AN4C15A	BOLT	4	A
	AN960-416	WASHER	4	A
	MS21044N4	NUT, (ALT PN AN365-424)	4	A
- 13	520CC8453	COVER, TOP	1	A
- 14	520CD8454	COVER, AUXILIARY POWER PLANT BOTTOM	1	A
- 15	AN258-2-3425	PIN	1	A
- 16	AN832-8	UNION	1	A
	AN802-8	GASKET	1	A
	AN924-8	NUT	1	A
- 17	520CE8458	HOUSING	1	A
- 18	A-4981	DETECTOR, FIRE (65595)	2	A
		(ATTACHING PARTS)		
- 19	MS35218-40	SCREW, (ALT PN AN515DD8-6)	4	A
	AN960-8	WASHER	4	A
	MS21044N08	NUT, (ALT PN AN365-832)	4	A
- 20	651PJ2	PLUG, MAGNETIC (36540)	1	A
- 21	530CB6287	EXTENSION	1	A
	AN900-16	GASKET	2	A
- 22	520CB9242	EXTENSION, EXHAUST	1	A
		(ATTACHING PARTS)		
- 23	AN3C15	BOLT	1	A
	AN960C10L	WASHER	1	A
	AN960C10	WASHER	1	A
	MS21045C3	NUT, (ALT PN AN365C1032)	1	A
- 24	78A23994	GASKET	1	A
- 25	520CK9232-3	PLATE	1	A
		(ATTACHING PARTS)		
- 26	MS35206-243	SCREW, (ALT PN AN515-8-6)	9	A
- 27	5900	POWER PLANT, D-2 AUXILIARY (03488)	1	A
- 28	520CJ9201-4	CABLE, FLEXIBLE 3/32 X 55 IN. (MIL-C-1511)	1	A
- 29	520CB9611	SPRING	1	A
		(ATTACHING PARTS)		
- 30	AN3-4A	BOLT	1	A
	AN960-10	WASHER	1	A
	MS21044N3	NUT, (ALT PN AN365-1032)	1	A
- 31	520CB9610	PIN, LINK	1	A
	AN960-10	WASHER	1	A
	AN320-3	NUT	1	A
	MS24665-153	PIN, (ALT PN AN380-2-3)	1	A
- 32	AN565B5-3	SCREW	1	A
	520CD9222	BRACKET ASSY, REMOTE CONTROL THROTTLE	1	A
		(ATTACHING PARTS)		
- 33	MS35206-264	SCREW, (ALT PN AN515-10R10)	4	A
	AN960-10	WASHER	4	A
	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
	520CB8484	ARM ASSY, REMOTE CONTROL	1	A
- 34	520CB8482	ARM	1	A
- 35	520CB8487	LOCK, ARM	1	A
- 36	520CB9211	SPRING	1	A
- 37	520CB8484-1	PIN, WELDING ROD 3/32 X 3/4 IN. (MIL-R-5632)	1	A
- 38	MS35265-65	SCREW, (ALT PN AN500A10-12)	1	A
- 39	S2062606-2B3B187	KNOB	1	A
- 40	AN509-10R16	SCREW	1	A
- 41	520CB8479	BRACKET, MOUNTING	1	A
		(ATTACHING PARTS)		
- 42	AN509-10R10	SCREW	4	A
	AN960-10	WASHER	4	A
	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
- 43	520CB9217	CRANK ASSY, CONTROL	1	A
- 44	MS24665-153	PIN, (ALT PN AN380-2-3)	1	A
- 45	520CB8488	BUSHING	2	A
- 46	520CB9212	PIN	1	A
	AN960-10	WASHER	2	A
	AN320-3	NUT	1	A
	MS24665-153	PIN, (ALT PN AN380-2-3)	1	A
- 47	AN565A5H3	SCREW	1	A

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
183 - 48	520CC8478	PANEL	1	A
- 49	981557	CYLINDER AND VALVE ASSY	1	A
- 50	520CJ9201-3	CABLE, FLEXIBLE 3/32 X 30 IN. (MIL-C-1511)	1	A
- 51	520CB9228	HANDLE, CONTROL	1	A
	530CB6959	LINE ASSY, CO2 DISCHARGE	1	A
- 52	AN815-4D	UNION	1	A
- 53	AN6270-4-13	HOSE ASSY	1	A
- 54	AN816-4D	NIPPLE	1	A
- 55	2CD1976	INDICATOR ASSY, (02413)	1	A
- 56	520CD9365	PANEL ASSY, CIRCUIT BREAKER AND RELAY BOX COVER STA 538	1	A
		(SEE FIG. 184 FOR DETAILS)		
- 57	520CF9361	BOX ASSY, D-2 AUXILIARY POWER PLANT CONTROL STA 538	1	A
		(SEE FIG. 184 FOR DETAILS)		
		(ATTACHING PARTS)		
- 58	MS35207-264	SCREW, (ALT PN AN520-10R10)	6	A
- 59	520CC8363	PANEL ASSY, D-2 AUXILIARY POWER PLANT CONTROL STA 333.5	1	A
		(SEE FIG. 184 FOR DETAILS)		
		(ATTACHING PARTS)		
- 60	MS35207-246	SCREW, (ALT PN AN520-10R10)	6	A
	AN960-8	WASHER	6	A
	MS21044N08	NUT, (ALT PN AN365-832)	6	A
		A : 528 THRU 541		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

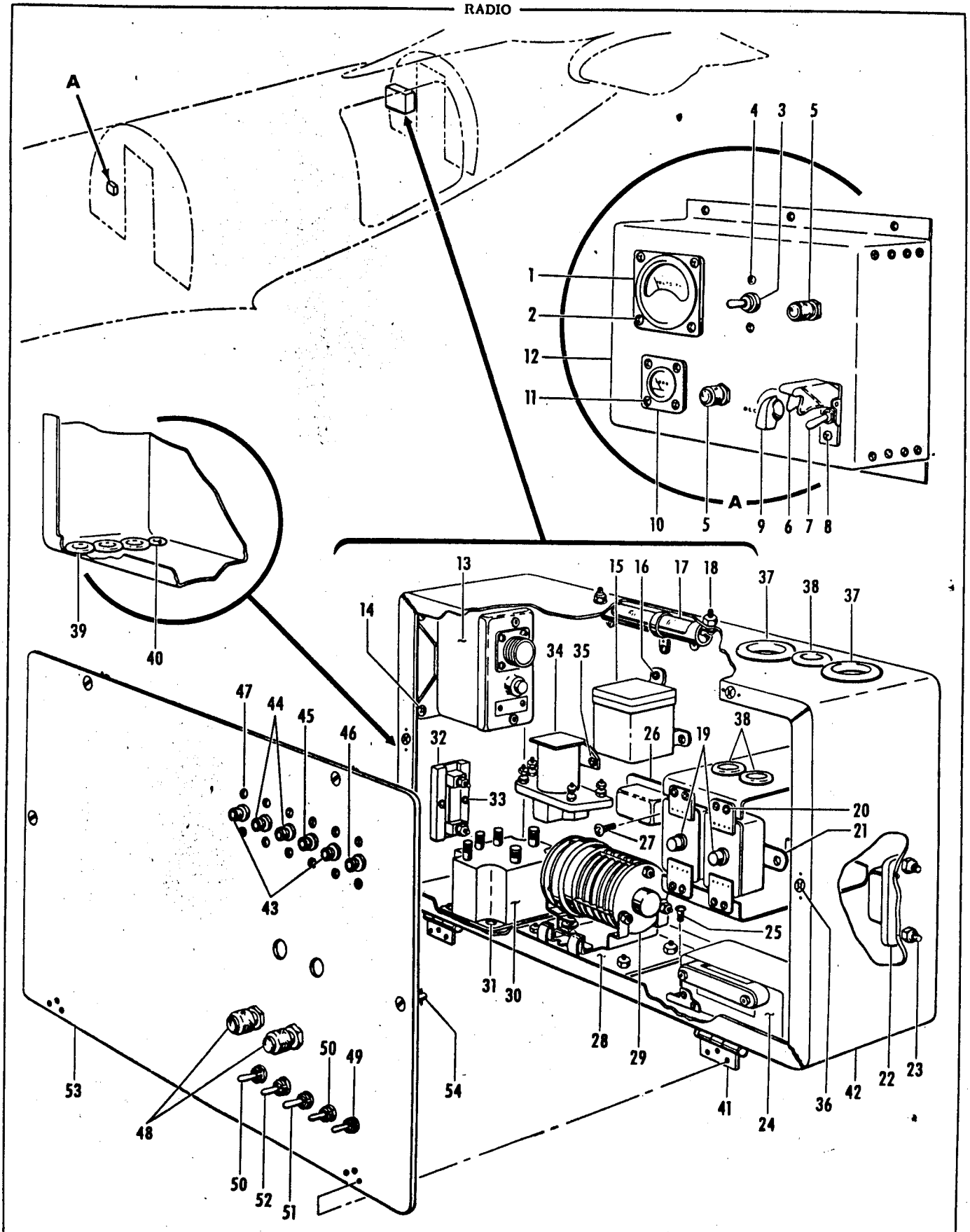

Figure 184. D-2 Auxiliary Power Plant Control Panels

V4-65

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
184		D-2 AUXILIARY POWER PLANT CONTROL PANELS		
	520CC8363	PANEL ASSY, D-2 AUXILIARY POWER PLANT CONTROL STA 333.5	REF	A
		(SEE FIG. 183 FOR NHA)		
- 1	AN3203V30	VOLTMETER	1	A
		(ATTACHING PARTS)		
- 2	MS35214-43	SCREW, (ALT PN AN515B8R10)	4	A
	MS21083B08	NUT, (ALT PN AN364B832)	4	A
- 3	AN3022-3	SWITCH	1	A
		(ATTACHING PARTS)		
- 4	MS35214-25	SCREW, (ALT PN AN515B6R6)	2	A
- 5	MS25331-6	LIGHT ASSY, (ALT PN AN3157-6)	2	A
	MS25231-313	LAMP, (ALT PN AN3121-313)	2	A
- 6	MS25224-2	GUARD, (ALT PN AN3025-3)	1	A
- 7	MS25103-26	SWITCH, (ALT PN AN3023-10)	1	A
		(ATTACHING PARTS)		
- 8	MS35214-25	SCREW, (ALT PN AN515B6R6)	2	A
- 9	AN3155-25-11	RHEOSTAT		
- 10	A5125	LOADMETER, (TYPE J1) (PER USAF SPEC 32529)	1	A
		(ATTACHING PARTS)	1	A
- 11	MS35214-28	SCREW, (ALT PN AN515B6R10)		
	MS21083B06	NUT, (ALT PN AN364B632)	4	A
			4	A
- 12	520CC8362	PANEL, EQUIPMENT	1	A
	520CF9361	BOX ASSY, D-2 AUXILIARY POWER PLANT CONTROL STA 538	REF	A
		(SEE FIG. 183 FOR NHA)		
- 13	PR9502	RELAY, GENERATOR FIELD (77221)	1	A
		(ATTACHING PARTS)		
- 14	MS35207-264	SCREW, (ALT PN AN520-10R10)	4	A
	AN960-10	WASHER	4	A
	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
- 15	NO NUMBER	RELAY, OVERVOLTAGE (TYPE E2) (MIL-R-6467)	1	A
		(ATTACHING PARTS)		
- 16	MS35207-264	SCREW, (ALT PN AN520-10R10)	3	A
- 17	0956	RESISTOR, (44655)	1	A
		(ATTACHING PARTS)		
- 18	MS35207-246	SCREW, (ALT PN AN515-8R10)	2	A
	AN960-8	WASHER	2	A
	MS21044N08	NUT, (ALT PN AN365-832)	2	A
- 19	43A12832	BREAKER, CIRCUIT	2	A
		(ATTACHING PARTS)		
- 20	AN507-1032R10	SCREW	8	A
	AN960-10	WASHER	8	A
	MS21044N3	NUT, (ALT PN AN365-1032)	8	A
- 21	520CC9453	BAR, BUS	1	A
- 22	AN3320-1	RELAY	1	A
		(ATTACHING PARTS)		
- 23	MS35207-265	SCREW, (ALT PN AN520-10R12)	2	A
	AN960-10	WASHER	2	A
	MS21044N3	NUT, (ALT PN AN365-1032)	2	A
- 24	4587367	CONTROL ASSY, INVERTER CHANGEOVER (GFAE)	1	A
		(ATTACHING PARTS)		
- 25	MS35207-264	SCREW, (ALT PN AN520-10R10)	4	A
	AN960-10	WASHER	4	A
	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
- 26	AN3324-1	RELAY	1	A
		(ATTACHING PARTS)		
- 27	MS35207-265	SCREW, (ALT PN AN520-10R12)	2	A
- 28	1700-5A	BASE ASSY, REGULATOR (40D8445-2)	1	A
- 29	1042-2A	REGULATOR, CARBON PILE (19315) (SPEC 94-32278)	1	A
- 30	AN3025-300	CUTOUT, REVERSE CURRENT	1	A
		(ATTACHING PARTS)		
- 31	MS35207-264	SCREW, (ALT PN AN520-10R10)	4	A
	AN960-10	WASHER	4	A
	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
- 32	92433	SHUNT, (TYPE MSB201) (65092)	1	A
		(ATTACHING PARTS)		
- 33	MS35207-266	SCREW, (ALT PN AN520-10R14)	2	A
	AN960-10	WASHER	2	A
	MS21044N3	NUT, (ALT PN AN365-1032)	2	A
- 34	NO NUMBER	RELAY, INTERMITTENT DUTY (TYPE B8A) (PER USAF SPEC 32424)	1	A
		(ATTACHING PARTS)		
- 35	MS35207-280	SCREW, (ALT PN AN520-416R10)	2	A
	520CE9360	BOX, CIRCUIT BREAKER AND RELAY MOUNTING	1	A
- 36	99871P098	RECEPTACLE, AIRLOC (61864)	4	A
- 37	MS35489-23	GROMMET, (ALT PN AN931-16S22)	2	A

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
184 - 38	MS35489-20	GROMMET, (ALT PN AN931-12S17)	3	A
- 39	MS35489-16	GROMMET, (ALT PN AN931-9S13)	3	A
- 40	MS35489-9	GROMMET, (ALT PN AN931-5S9)	1	A
- 41	MS20257P5-200	HINGE, (ALT PN AN257P5-200)	2	A
- 42	520CE9360-1	BOX	1	A
	520CD9365	PANEL ASSY, CIRCUIT BREAKER AND RELAY BOX COVER. STA 538 (SEE FIG. 183 FOR NHA)	REF	A
- 43	MS25017-5	BREAKER, CIRCUIT (ALT PN AN3161P5)	2	A
- 44	MS25017-50	BREAKER, CIRCUIT (ALT PN AN3161P50)	2	A
- 45	MS25017-20	BREAKER, CIRCUIT (ALT PN AN3161P20)	1	A
- 46	MS25017-15	BREAKER, CIRCUIT (ALT PN AN3161P15)	1	A
		(ATTACHING PARTS)		
- 47	MS35206-229	SCREW, (ALT PN AN515-6R7)	12	A
- 48	MS25331-6	LIGHT ASSY, (ALT PN AN3157-6)	2	A
- 49	MS35059-31	SWITCH, (ALT PN AN3027-8)	1	A
- 50	MS35059-30	SWITCH, (ALT PN AN3027-6)	2	A
- 51	MS35058-23	SWITCH, (ALT PN AN3021-3)	1	A
- 52	MS35058-29	SWITCH, (ALT PN AN3021-9)	1	A
- 53	520CD9364	PANEL	1	A
- 54	98293-3-270	STUD, (61864) (ALT PN 99899-3-270 (61864))	4	A
	99785-2	PIN, CROSS (61864)	4	A
		A 528 THRU 541		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

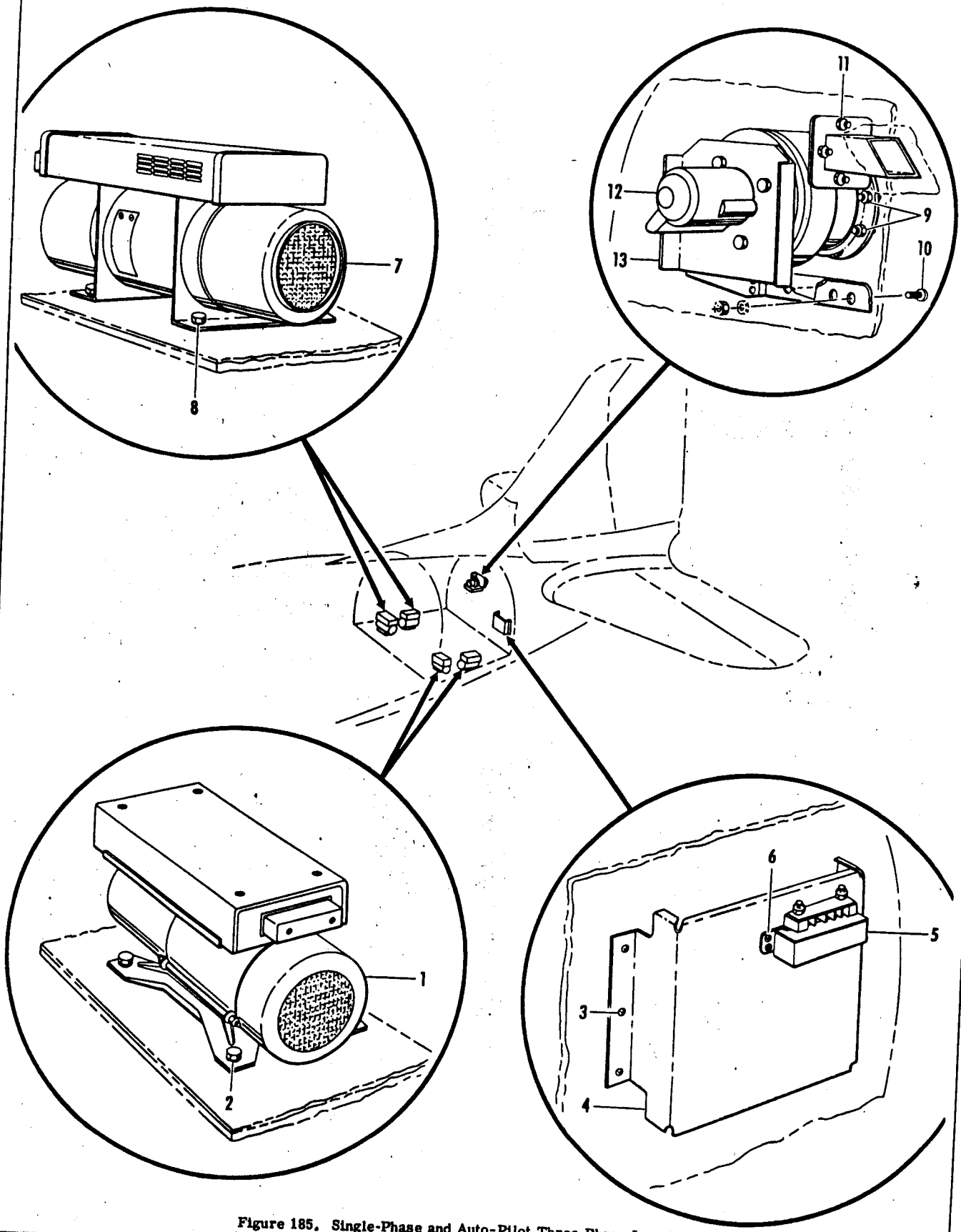

Figure 185. Single-Phase and Auto-Pilot Three Phase Inverter

V4-66

FIGURE & INDEX NO.	PART NUMBER		DESCRIPTION	U/A	USE CODE
185			SINGLE-PHASE AND AUTO-PILOT THREE PHASE INVERTER		
	520CH9205		INVERTER INSTL, AUTO-PILOT THREE PHASE	1	A
- 1	AN3534		INVERTER, THREE PHASE	2	A
			(ATTACHING PARTS)		
- 2	AN6-30A		BOLT	8	A
	520CC9313		BRACKET ASSY	1	A
			(ATTACHING PARTS)		
- 3	MS35207-244		SCREW, (ALT PN AN520-8R7)	6	A
	AN960-8		WASHER	6	A
	MS21044N08		NUT, (ALT PN AN365-832)	6	A
- 4	520CD9312		BRACKET	1	A
- 5	45B7367		CONTROL ASSY, INVERTER CHANGEOVER (GFAE)	1	A
			(ATTACHING PARTS)		
- 6	MS35218-54		SCREW, (ALT PN AN520DD10R7)	4	A
	520CJ8011		INVERTER INSTL, SINGLE-PHASE	1	A
- 7	AN3516-1		INVERTER	2	A
			(ATTACHING PARTS)		
- 8	AN5-14A		BOLT	8	A
	AN970-5		WASHER	8	A
	MS21044N5		NUT, (ALT PN AN365-524)	8	A
	520CD9263		SUPPORT ASSY, INVERTER BLOWER	1	A
			(ATTACHING PARTS)		
- 9	MS35206-245		SCREW, (ALT PN AN515-8R8)	8	A
	AN960-8		WASHER	8	A
	MS21044N08		NUT, (ALT PN AN365-832)	8	A
- 10	MS35206-263		SCREW, (ALT PN AN515-10R8)	4	A
- 11	MS35207-264		SCREW, (ALT PN AN520-10R10)	4	A
	AN960-10		WASHER	8	A
	MS21044N3		NUT, (ALT PN AN365-1032)	8	A
- 12	9-5904-4	*	BLOWER, (81205)	1	A
- 13	520CD9260		BRACKET	1	A

A 528 THRU 541

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

* ATTACHING HARDWARE FURNISHED WITH BLOWER

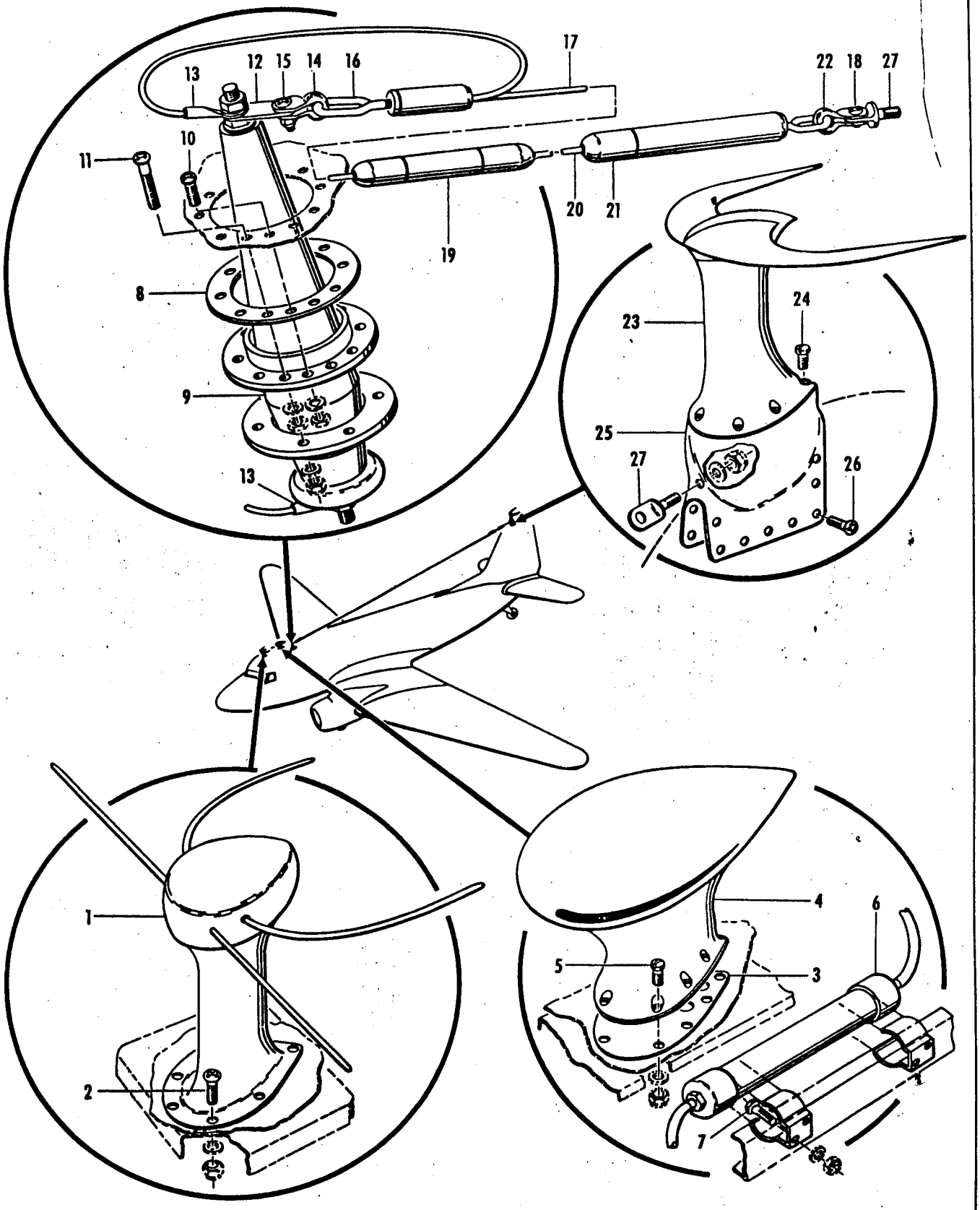

Figure 186. Antennas

V4-67

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
186		ANTENNAS		
	520CH8014	ANTENNA INSTL, GLIDE PATH	1	A
- 1	AS27/ARN5	ANTENNA MAST ASSY, (GFAE)	1	A
		(ATTACHING PARTS)		
- 2	MS35207-247	SCREW, (ALT PN AN520-8R12)	6	A
	AN960-8	WASHER	6	A
	MS21044N08	NUT, (ALT PN AN365-832)	6	A
		1-1-4-1-1		
	520CH8023	ANTENNA INSTL, TOP LOOP	1	A
- 3	520CB8459	GASKET	1	A
- 4	LP21LM	ANTENNA, LOOP (GFAE)	1	A
		(ATTACHING PARTS)		
- 5	MS35266-65	SCREW, (ALT PN AN501A10-12)	8	A
	AN960-10	WASHER	8	A
	MS21044N3	NUT, (ALT PN AN365-1032)	8	A
		1-1-4-1-1		
- 6	AL74776-1	DEHYDRATOR, (76594)	1	A
		(ATTACHING PARTS)		
- 7	MS35206-229	SCREW, (ALT PN AN515-6R7)	4	A
	AN960-6	WASHER	4	A
	MS21044N06	NUT, (ALT PN AN365-632)	4	A
		1-1-4-1-1		
	520CH8015	ANTENNA INSTL, LF COMMAND	1	A
- 8	520CB8431	WASHER	1	A
- 9	21846	MAST ASSY, (81143) (WRAP ONE LAYER OF FRICTION TAPE BETWEEN INSULATOR AND OUTER MOUNTING FLANGE)	1	A
		(ATTACHING PARTS)		
- 10	MS35206-244	SCREW, (ALT PN AN526-832R7)	6	A
	MS35338-42	WASHER, (ALT PN AN935-8)	6	A
	MS20341-8S	NUT, (ALT PN AN340-8)	6	A
- 11	AN526-832R18	SCREW	6	A
	MS35338-42	WASHER, (ALT PN AN935-8)	6	A
	MS20341-8S	NUT, (ALT PN AN340-8)	6	A
	AN960-8	WASHER	6	A
	MS21044N08	NUT, (ALT PN AN365-832)	6	A
		1-1-4-1-1		
- 12	520CB8418	LINK	1	A
- 13	MS20659-25	TERMINAL, (ALT PN AN659-25)	2	A
- 14	MS20115F4	SHACKLE, (ALT PN AN115-16)	1	A
- 15	MS35206-246	SCREW, (ALT PN AN515-8R10)	1	A
	AN960-8	WASHER	1	A
	MS21044N3	NUT, (ALT PN AN365-1032)	1	A
		1-1-4-1-1		
- 16	2A1348-311	FITTING, GUY (GFAE) (NAVY TYPE 2 RM)	1	A
- 17	520CH8015-1	WIRE, WS5/U ANTENNA (APPROXIMATELY 578 IN.)	AR	A
	520CC8425	WIRE ASSY, COMMAND ANTENNA	1	A
		(ATTACHING PARTS)		
- 18	MS35206-246	SCREW, (ALT PN AN515-8-10)	1	A
	AN960-8	WASHER	1	A
	MS21044N08	NUT, (ALT PN AN365-832)	1	A
		1-1-4-1-1		
- 19	MX223/AR	INSULATOR, (GFAE)	1	A
- 20	WS5/U	WIRE, ANTENNA (GFAE)	AR	A
- 21	MX274/AR	INSULATOR, (GFAE)	1	A
- 22	MS20115F4	SHACKLE, (ALT PN AN115-16)	1	A
	520CH8012	ANTENNA INSTL, VERTICAL STABILIZER	1	A
- 23	AT172/ARN14	ANTENNA, (GFAE)	1	A
		(ATTACHING PARTS)		
- 24	MS35266-65	SCREW, (ALT PN AN501C10R12)	6	A
		1-1-4-1-1		
- 25	520CD8356	BRACKET ASSY, ANTENNA	1	A
		(ATTACHING PARTS)		
- 26	MS51958-63	SCREW, (ALT PN AN520C10R8)	16	A
		1-1-4-1-1		
- 27	AN43B4A	BOLT	1	A
	AN960C416	WASHER	1	A
	MS21044N4	NUT, (ALT PN AN365-428)	1	A
		A 528 THRU 541		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

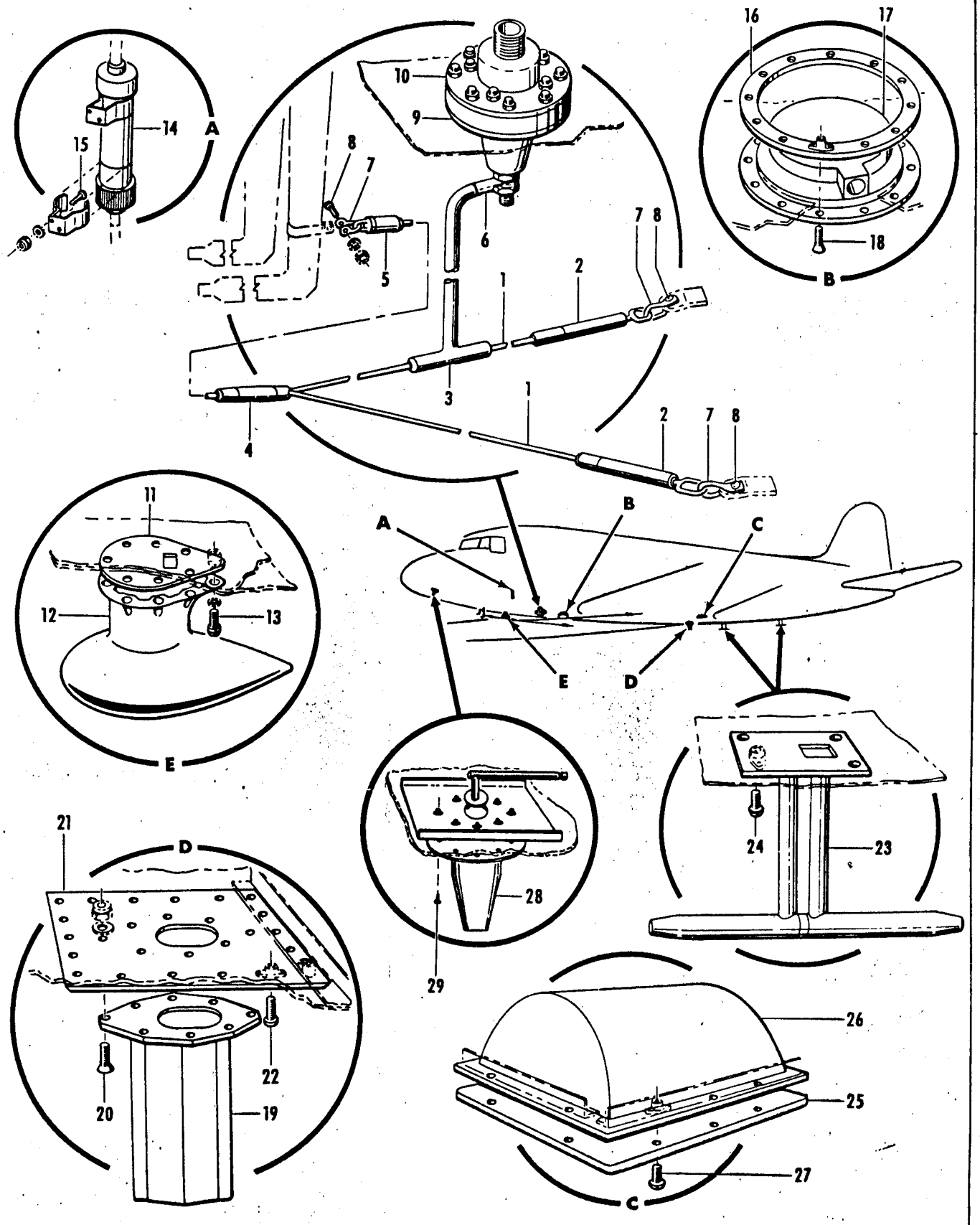

Figure 187. Antennas

V4-68

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
187		ANTENNAS		
	520CH8020	ANTENNA INSTL, BOTTOM COMPASS SENSE	1	A
- 1	WS5/U	WIRE, ANTENNA (GFAE)	AR	A
- 2	1L5/U	INSULATOR, (GFAE)	2	A
- 3	MX276/AR	SHIELD, CORONA (GFAE)	1	A
- 4	MX273/AR	INSULATOR, STRAIN (GFAE)	1	A
- 5	MX311/AR	FITTING, GUY (GFAE)	1	A
- 6	MS20659-25	TERMINAL, (ALT PN AN659-25)	1	A
- 7	MS20115F4	SHACKLE, (ALT PN AN115-16)	3	A
		(ATTACHING PARTS)		
- 8	MS35206-246	SCREW, (ALT PN AN515-8R10)	3	A
	AN960-8	WASHER	3	A
	MS21044N08	NUT, (ALT PN AN365-832)	3	A
- 9	520CB8424	RING, REINFORCING	1	A
- 10	AB27/AP	INSULATOR, LEAD-IN (ATTACHING HARDWARE FURNISHED WITH INSULATOR) (GFAE)	1	A
	520CH8022	ANTENNA INSTL, BOTTOM LOOP	1	A
- 11	520CB8459	GASKET	1	A
- 12	LP21LM	ANTENNA, LOOP (GFAE) (SEE T.O. 1C-47A-24)	1	A
		(ATTACHING PARTS)		
- 13	MS35266-65	SCREW, (ALT PN AN501A10-12)	8	A
	AN960-10	WASHER	8	A
- 14	AL74776-1	DEHYDRATOR, (76592)	1	A
		(ATTACHING PARTS)		
- 15	MS35206-229	SCREW, (ALT PN AN515-6R7)	4	A
	AN960-6	WASHER	4	A
	MS21044N06	NUT, (ALT PN AN365-632)	4	A
	520CJ9206	ANTENNA INSTL, IFF	1	A
- 16	520CC9268	RING	1	A
- 17	AT234/APX	ANTENNA, (GFAE)	1	A
		(ATTACHING PARTS)		
- 18	AN507-832R10	SCREW	12	A
	520CH8009	ANTENNA INSTL, VHF COMMAND	1	A
- 19	AT256/ARC	ANTENNA, (GFAE)	1	A
		(ATTACHING PARTS)		
- 20	MS35191-274	SCREW, (ALT PN AN510-10R12)	8	A
	AN960-10	WASHER	8	A
	MS21044N3	NUT, (ALT PN AN365-1032)	8	A
- 21	520CC8412	PLATE	1	A
		(ATTACHING PARTS)		
- 22	MS35207-264	SCREW, (ALT PN AN520-10R10)	18	A
	520CH8024	ANTENNA INSTL, APN-1 ALTIMETER	1	A
- 23	255327-502	MAST, ANTENNA (18226)	2	A
		(ATTACHING PARTS)		
- 24	MS35206-247	SCREW, (ALT PN AN526-832-12)	8	A
	520CH8013	ANTENNA INSTL, MARKER BEACON	1	A
- 25	520CC9850	COVER	1	A
- 26	AS215/ARN	ANTENNA, (GFAE)	1	A
		(ATTACHING PARTS)		
- 27	MS35207-264	SCREW, (ALT PN AN520-10R10)	10	A
	54D21308	ANTENNA INSTL, ARN-45	1	A
- 28	AT722/APX	ANTENNA, (GFAE)	1	A
		(ATTACHING PARTS)		
- 29	AN509-8R12	SCREW	8	A
		A 528 THRU 541		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

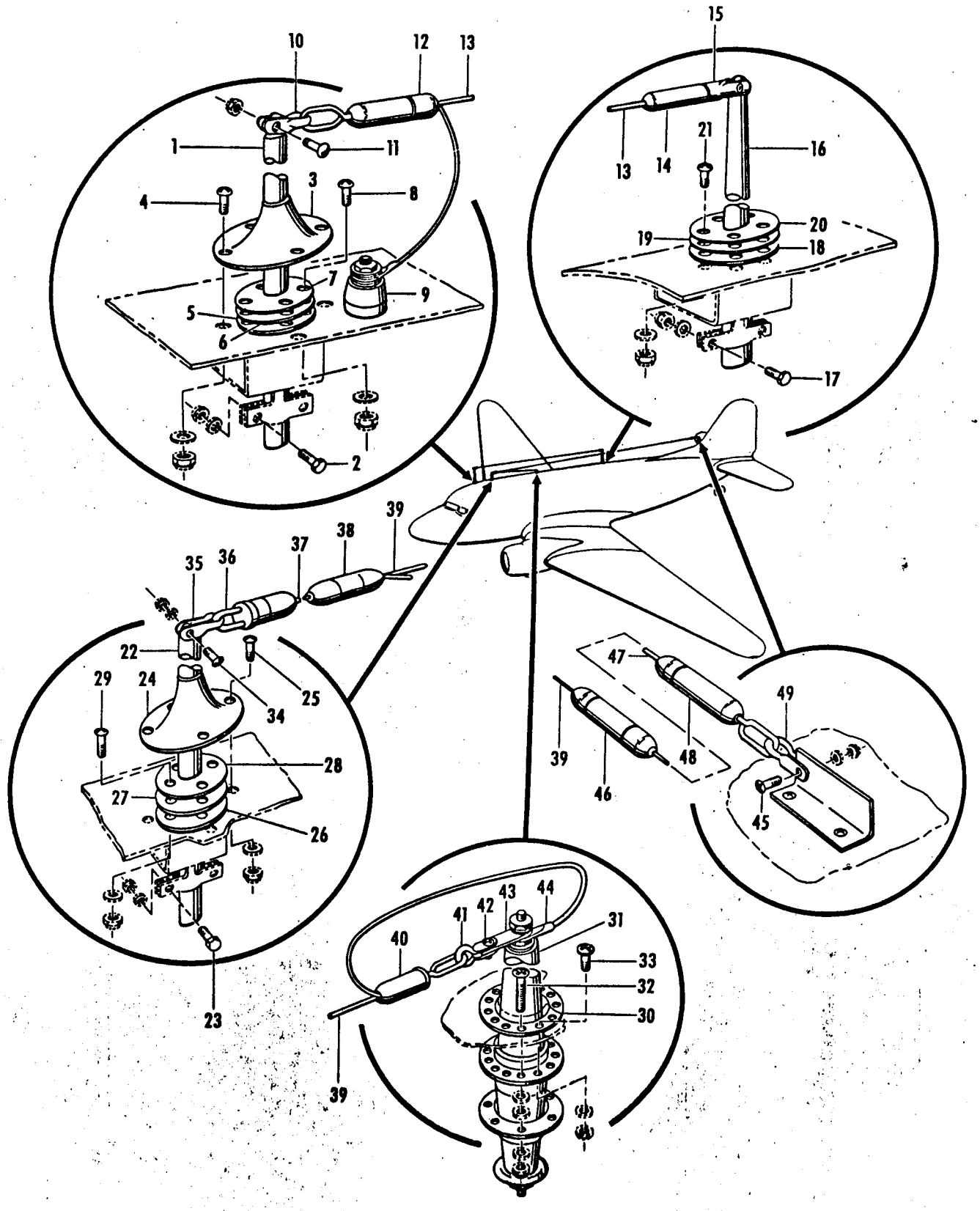

Figure 188. Antennas

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FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
188		ANTENNAS		
	520CH8003	ANTENNA INSTL, TOP SENSE AN/ARC-3	1	A
- 1	2117221	MAST, ANTENNA FORWARD	1	A
		(ATTACHING PARTS)		
- 2	AN3C5A	BOLT	2	A
	AN960-10	WASHER	2	A
	MS21044N3	NUT, (ALT PN AN365-1032)	2	A
- 3	4117272	FAIRING	1	A
		(ATTACHING PARTS)		
- 4	MS51958-64	SCREW, (ALT PN AN520C10R10)	4	A
	AN960-10	WASHER	4	A
	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
- 5	520CB8107	PLATE, GROUND	1	A
- 6	520CB8108	GROMMET	1	A
- 7	520CB8109	PLATE, GROMMET	1	A
		(ATTACHING PARTS)		
- 8	MS51958-65	SCREW, (ALT PN AN520C10R12)	4	A
	AN960-10	WASHER	4	A
	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
- 9	AB27/A	INSULATOR, LEAD-IN (ATTACHING HARDWARE FURNISHED WITH INSULATOR) (GFAE)	1	A
- 10	MS20115F4	SHACKLE, (ALT PN AN115-16)	1	A
		(ATTACHING PARTS)		
- 11	AN23-8A	BOLT	1	A
	MS21083N3	NUT, (ALT PN AN364-1032)	1	A
- 12	IL5/U	INSULATOR, (WITH CAP FOR L-SPLICE) (GFAE)	1	A
- 13	WS5/U	WIRE, ANTENNA (APPROX 212 IN.) (GFAE)	AR	A
- 14	MX273/AR	INSULATOR, STRAIN (GFAE)	1	A
- 15	MX656/AR	SHACKLE, ANTENNA INSULATOR (GFAE)	1	A
- 16	AN104B	MAST, ANTENNA	1	A
		(ATTACHING PARTS)		
- 17	AN3C5A	BOLT	2	A
	AN960-10	WASHER	2	A
	MS21044N3	NUT, (ALT PN AN365-1032)	2	A
- 18	520CB8104	PLATE, GROUND	1	A
- 19	520CB8105	GROMMET	1	A
- 20	520CB8106	PLATE, GROMMET	1	A
		(ATTACHING PARTS)		
- 21	MS51958-65	SCREW, (ALT PN AN520C10R12)	5	A
	AN960-10	WASHER	5	A
	MS21044N3	NUT, (ALT PN AN365-1032)	5	A
	520CH8021	ANTENNA INSTL, LIAISON	1	A
- 22	2117221	MAST, ANTENNA FORWARD	1	A
		(ATTACHING PARTS)		
- 23	AN3C5A	BOLT	2	A
	AN960-10	WASHER	2	A
	MS21044N3	NUT, (ALT PN AN365-1032)	2	A
- 24	4117272	FAIRING	1	A
		(ATTACHING PARTS)		
- 25	MS51958-64	SCREW, (ALT PN AN520C10R10)	4	A
	AN960-10	WASHER	4	A
	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
- 26	520CB8107	PLATE, GROUND	1	A
- 27	520CB8108	GROMMET	1	A
- 28	520CB8109	PLATE, GROMMET	1	A
		(ATTACHING PARTS)		
- 29	MS51958-65	SCREW, (ALT PN AN520C10R12)	4	A
	AN960-10	WASHER	4	A
	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
- 30	520CB8431	WASHER	1	A
- 31	21846	MAST ASSY, (81143)	1	A
		(ATTACHING PARTS)		
- 32	AN526-832R18	SCREW	6	A
	MS35338-42	WASHER, (ALT PN AN935-8)	6	A
	MS20341-8S	NUT, (ALT PN AN340-8)	6	A
	AN960-8	WASHER	6	A
	MS21044N08	NUT, (ALT PN AN365-832)	6	A
- 33	MS35206-244	SCREW, (ALT PN AN526-832R7)	6	A
	MS35338-42	WASHER, (ALT PN AN935-8)	6	A
	MS20341-8S	NUT, (ALT PN AN340-8)	6	A
	520CB8470	WIRE ASSY, ANTENNA FORWARD	1	A
		(ATTACHING PARTS)		
- 34	MS51957-46	SCREW, (ALT PN AN515C8R10)	1	A
	AN960-8	WASHER	1	A
	MS21044N08	NUT, (ALT PN AN365-832)	1	A
- 35	MS20115F4	SHACKLE, (ALT PN AN115-16)	1	A

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
188 - 36	MX311/AR	FITTING, GUY (GFAE)	1	A
- 37	WS5/U	WIRE, ANTENNA (GFAE)	AR	A
- 38	MX273/AR *	INSULATOR, (MODIFIED) (GFAE)	1	A
- 39	520CH8021-1	WIRE, WS-5/4 (APPROX 690 IN.)	AR	A
- 40	MX311/AR	FITTING, GUY (GFAE)	1	A
- 41	MS20115F4	SHACKLE, (ALT PN AN115-16)	1	A
		(ATTACHING PARTS)		
- 42	MS51957-46	SCREW, (ALT PN AN515C8R10)	1	A
	AN960-8	WASHER	1	A
	MS21044N08	NUT, (ALT PN AN365-832)	1	A
- 43	520CB8418	LINK	1	A
- 44	AN859-25	TERMINAL	1	A
	520CC8456	WIRE ASSY, ANTENNA AFT	1	A
		(ATTACHING PARTS)		
- 45	MS51957-46	SCREW, (ALT PN AN515C8R10)	1	A
	AN960-8	WASHER	1	A
	MS21044N08	NUT, (ALT PN AN365-832)	1	A
- 46	MX273/AR	INSULATOR, (GFAE)	1	A
- 47	WS5/4	WIRE, ANTENNA (GFAE)	AR	A
- 48	MX274/AR	INSULATOR, (GFAE)	1	A
- 49	MS20115F4	SHACKLE, (ALT PN AN115-16)	1	A

A 528 THRU 541

* EXISTING CAP REMOVED AND REPLACED WITH L-SPLICE CAP.

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

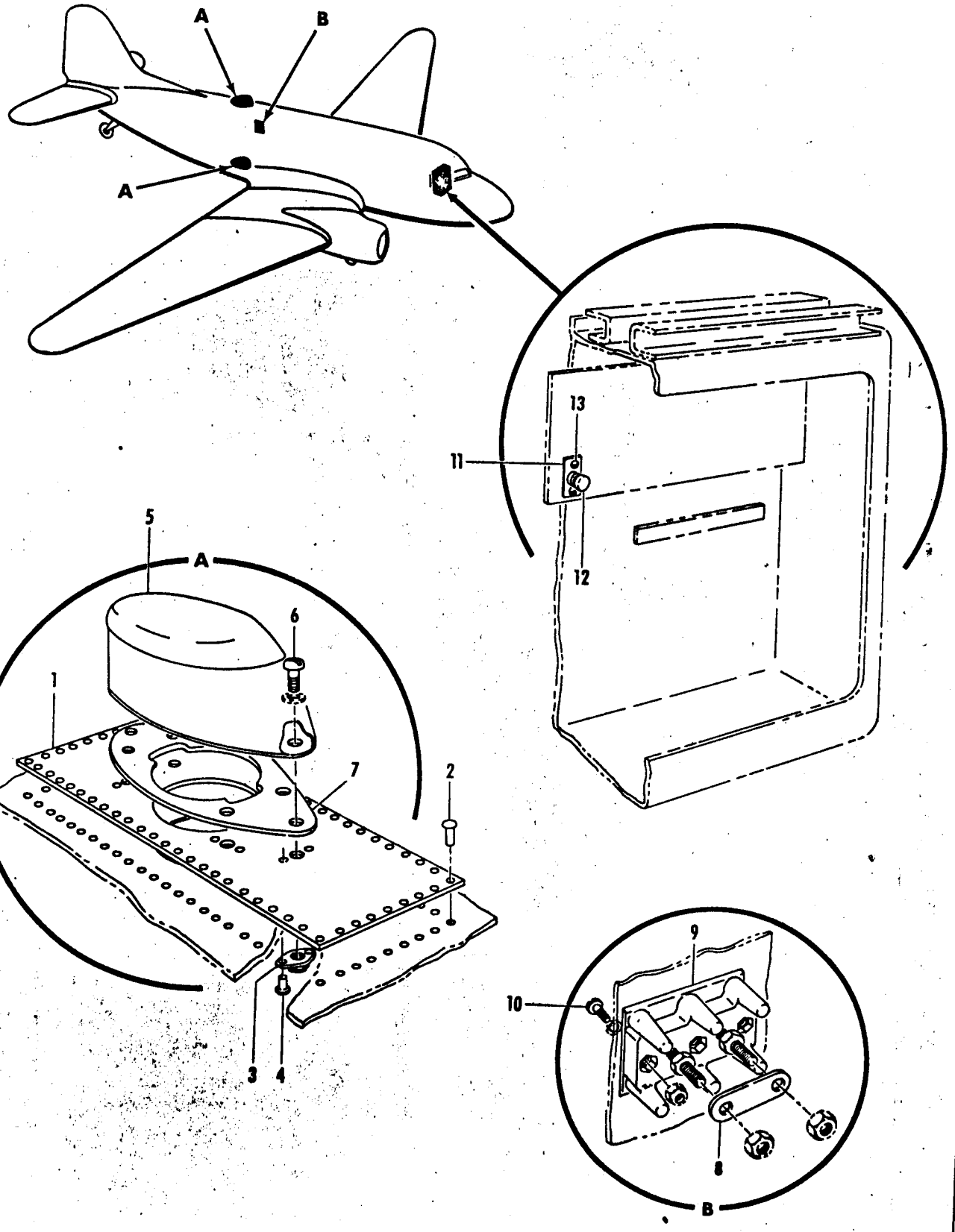


Figure 189. Red Rotating Beacon Anti-Collision Light

V4-70

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
189		LIGHT INSTL, RED ROTATING BEACON ANTI-COLLISION	1	A
		(SEE T.O. 1C-1-525B)	1	A
- 1	57B79020-1	DOUBLER, (TOP)	1	A
	57B79020-2	DOUBLER, (BOTTOM)		
		(ATTACHING PARTS)	AR	A
- 2	MS20470AD4-5	RIVET, (ALT PN AN470AD4-5)	AR	A
	MS20470AD4-6	RIVET, (ALT PN AN470AD4-6)		
		1 2 3 4 5 6 7	12	A
- 3	NAS1023N3	NUTPLATE, (ALT PN AN366F1032)		
		(ATTACHING PARTS)	2	A
- 4	MS20426AD3-5	RIVET, (ALT PN AN426AD3-5)		
		1 2 3 4 5 6 7	2	A
- 5	G6965-8	LAMP ASSY, RED ROTATING BEACON (72194)		
		(ATTACHING PARTS)	6	A
- 6	MS35207-264	SCREW, (ALT PN AN520-10-10)	6	A
	AN960-10	WASHER		
		1 2 3 4 5 6 7	1	A
	4594	LAMP, (72194)	1	A
	D7330-1	MOTOR, (72194)	1	A
	D7324-1	LENS, (72194)	1	A
	B6000A	REFLECTOR, (72194)	2	A
- 7	55B6126	GASKET	1	A
	B7321	GASKET, (72194)	1	A
- 8	MS25226-2-2	LINK, (ALT PN AN3433-2-2)	1	A
- 9	MS27212-1-2	TERMINAL BOARD, (ALT PN AN3436-2-2)		
		(ATTACHING PARTS)	2	A
- 10	MS35206-215	SCREW, (ALT PN AN515-4R6)	2	A
	AN960-4L	WASHER	2	A
	MS21044N04	NUT, (ALT PN AN365-440)		
		1 2 3 4 5 6 7	1	A
- 11	55A6127	NAMEPLATE, RED ROTATING BEACON ANTI-COLLISION LIGHT 10 AMP CIRCUIT BREAKER	1	A
- 12	MS25017-10	CIRCUIT BREAKER		
		(ATTACHING PARTS)	2	A
- 13	MS35206-229	SCREW, (ALT PN AN515-6-7)		
		1 2 3 4 5 6 7		
		A 528 THRU 541		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

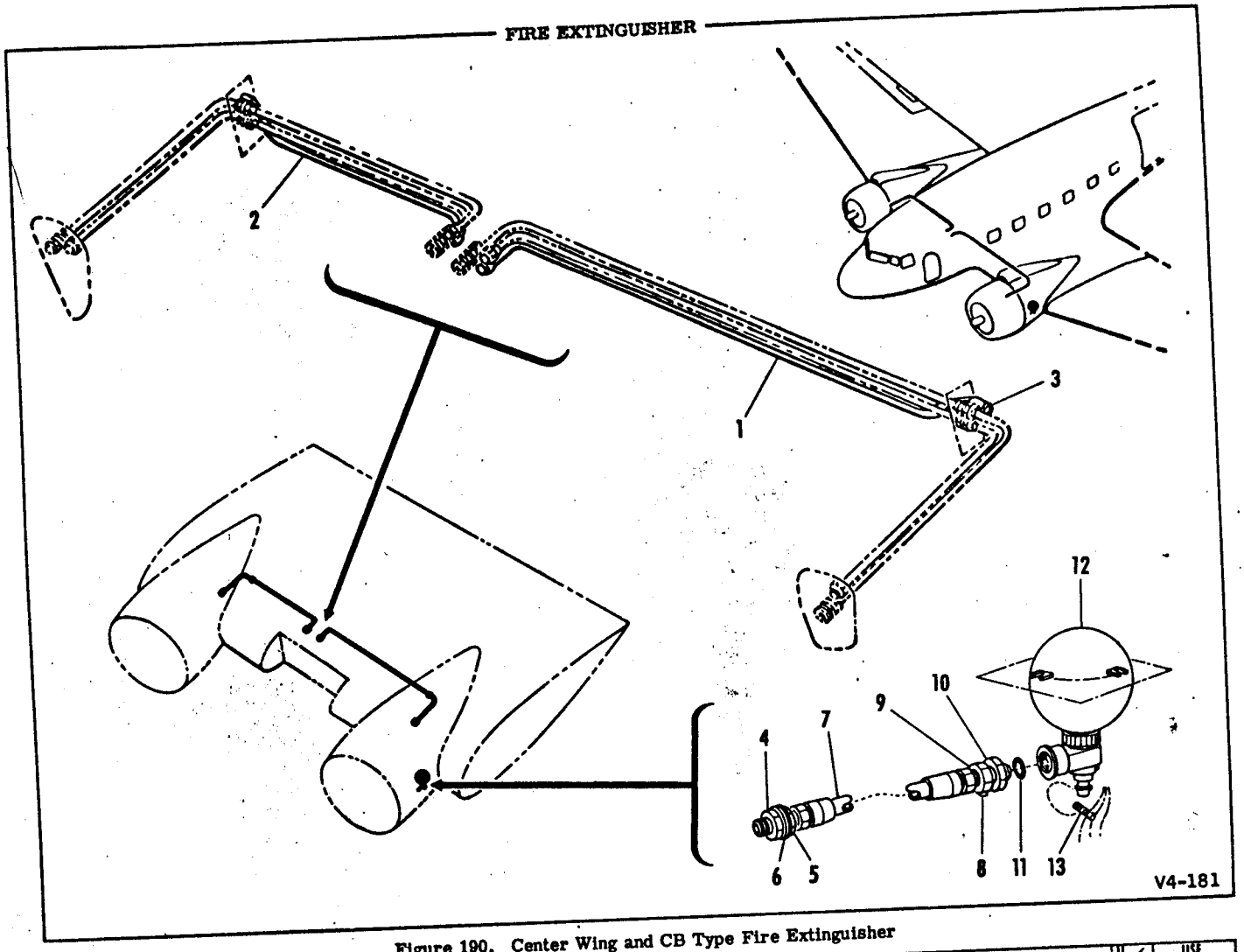
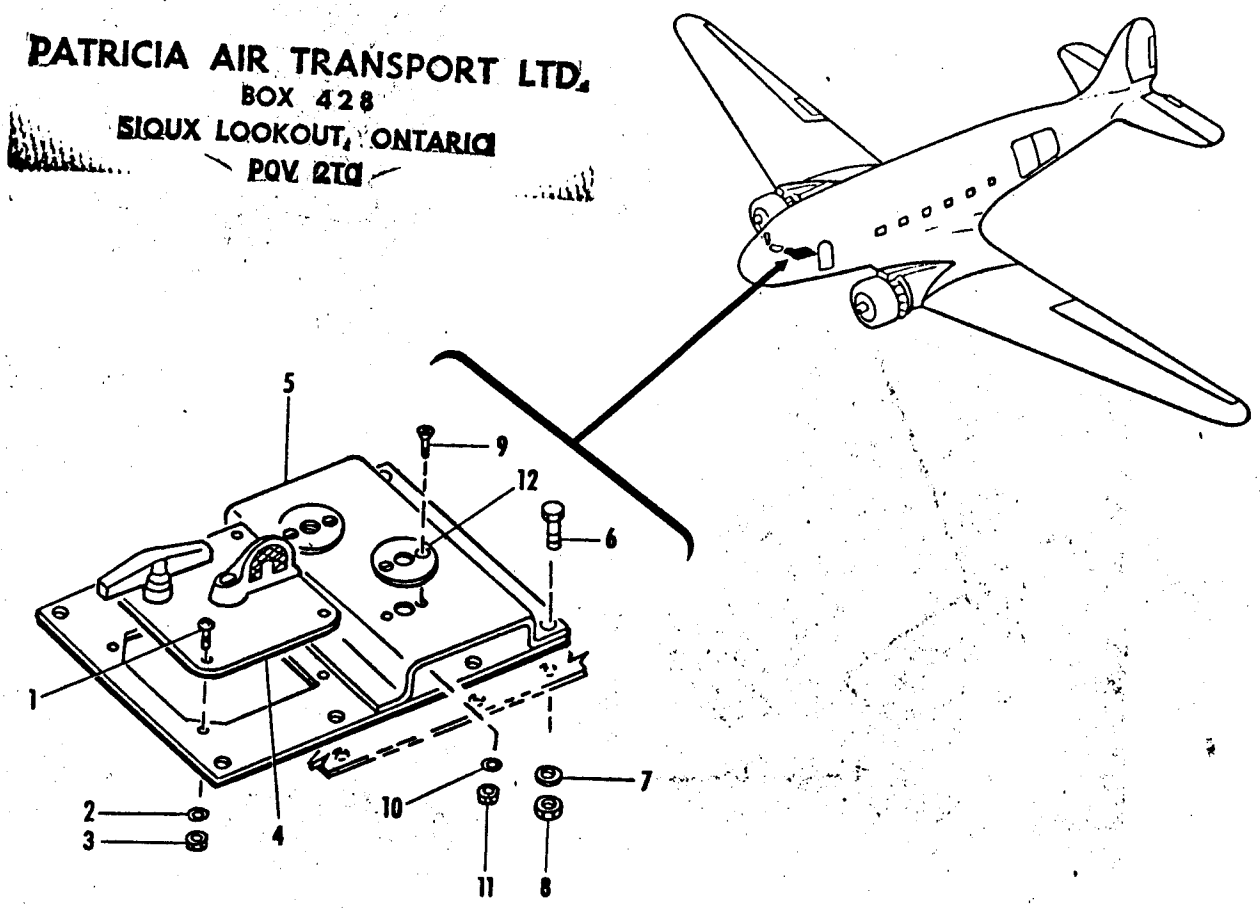


Figure 190. Center Wing and CB Type Fire Extinguisher

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
190		CENTER WING AND CB TYPE FIRE EXTINGUISHER	REF	A
	5110517	SYSTEM INSTL, CENTER WING FIRE EXTINGUISHER (SEE FIG. 6A FOR NHA)	REF	B
	5204325	SYSTEM INSTL, CENTER WING FIRE EXTINGUISHER (SEE FIG. 6A FOR NHA)	1	A
		PIPE ASSY, LH NACELLE PLATE TO FUSELAGE TUNNEL PLATE	1	B
- 1	5112317-1	PIPE ASSY, LH NACELLE PLATE TO FUSELAGE TUNNEL PLATE	1	A
	5204313-1	PIPE ASSY, RH NACELLE PLATE TO FUSELAGE TUNNEL PLATE	1	B
- 2	5112317-2	PIPE ASSY, RH NACELLE PLATE TO FUSELAGE TUNNEL PLATE	1	
	5204313-2	EXTINGUISHER INSTL, CB TYPE FIRE (SEE T.O. 1C-1-41)	2	
	5492118	CAP ASSY, CB TYPE FIRE EXTINGUISHER (MAKE FROM 5112317-5)	2	
- 3	5492118-31	UNION	2	
- 4	AN832-12	NUT	4	
- 5	AN924-12	WASHER	2	
- 6	AN960-1716	HOSE ASSY, FIRE EXTINGUISHER	2	
- 7	5492118-27	PLUG, CB TYPE FIRE EXTINGUISHER SYSTEM BLEED (MAKE FROM MS20913-1S)	2	
- 8	2496666	UNION, SPECIAL REDUCING BULKHEAD	2	
- 9	2492195	NUT	2	
- 10	AN924-20D	GASKET	2	
- 11	MS29512-20	CYLINDER AND VALVE ASSY, (33525)	2	
- 12	870271	STUD ASSY, GROUND		
- 13	S1093732-2	A 001 THRU 092, 146 THRU 178 AND 210 THRU 558		
		B 093 THRU 145 AND 179 THRU 209		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		



V4-192

Figure 191. Fuselage Fire Extinguisher System

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
191	5110554	SYSTEM INSTL, FUSELAGE FIRE EXTINGUISHER (SEE T.O. 1C-1-31 AND T.O. 1C-1-41) (SEE FIG. 16 FOR NHA)	REF	A
	5203735	SYSTEM INSTL, FUSELAGE FIRE EXTINGUISHER (SEE T.O. 1C-1-31 AND T.O. 1C-1-41) (SEE FIG. 16 FOR NHA)	REF	B
- 1	MS35206-245	SCREW (ALT PN AN515-8R8)	4	
- 2	AN960D8L	WASHER	4	
- 3	MS21044N08	NUT (ALT PN AN365-832)	3	
- 4	19475	PANEL (33525)	1	
- 5	4162016	PANEL ASSY, FIRE EXTINGUISHER AND EMERGENCY SHUTOFF VALVE (ATTACHING PARTS)	1	
- 6	AN3-3A	BOLT	8	
- 7	AN960-10	WASHER	8	
- 8	MS21044N3	NUT (ALT PN AN365-1032)	8	
- 9	AN507-632-6	SCREW	4	
- 10	AN960-6	WASHER	4	
- 11	MS21044N06	NUT (ALT PN AN365-632)	4	
- 12	1162019	SOCKET, EMERGENCY SHUTOFF VALVE	2	
		A 001 THRU 108, 146 THRU 178 AND 210 THRU 998		
		B 109 THRU 145 AND 179 THRU 209		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

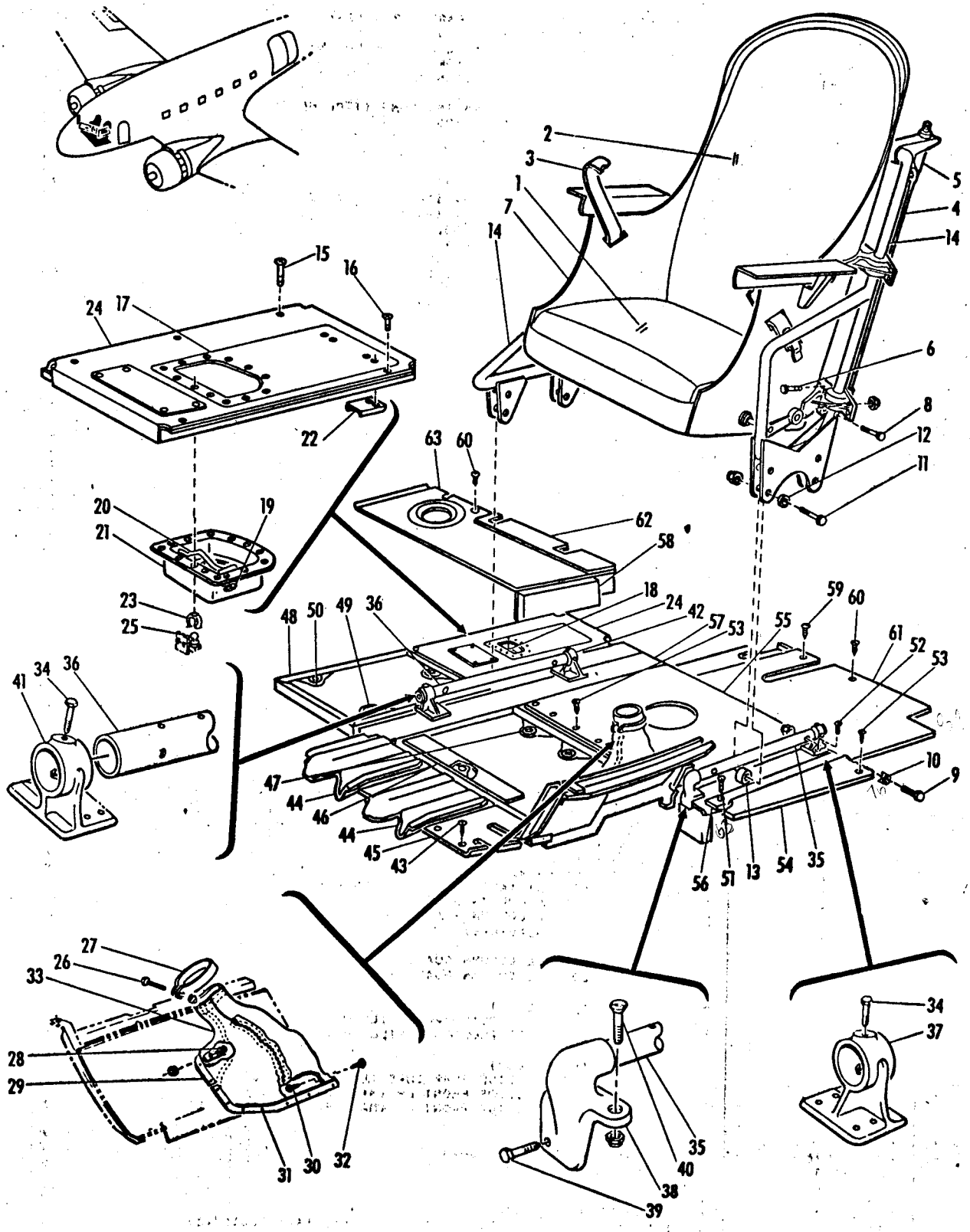


Figure 192. Pilot Floor and Seat

V4-284

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
192	5115217	FLOOR AND SEAT INSTL, PILOT (SPARE PARTS ASSY 4142380 AND 4142380-1) (SEE FIG. 16 FOR NHA)	REF	AB
	5188949	FLOOR AND SEAT INSTL, PILOT (SEE FIG. 16 FOR NHA)	REF	C
- 1	S5161056	CUSHION ASSY, PILOT SEAT BOTTOM LH	1	
	S5161056-1	CUSHION ASSY, PILOT SEAT BOTTOM RH	1	
- 2	4115733	CUSHION ASSY, PILOT BACK	2	
- 3	54H19651	BELT, AIRCRAFT SAFETY LAP 45 IN. LONG (TYPE MD-2)	2	
- 4	2115723	CORD ASSY, PILOT SEAT ADJUSTING	2	
- 5	S080477	HOOK, PILOT SEAT ADJUSTING	2	
	AN335-6	NUT	4	
- 6	AN3-7A	BOLT	28	
	MS21044N3	NUT, (ALT PN AN365-1032)	28	
- 7	5115218	SEAT ASSY, PILOT LH (SEE FIG. 194 FOR DETAILS)	1	A
	5115218-1	SEAT ASSY, PILOT RH (SEE FIG. 194 FOR DETAILS)	1	A
	5206739	SEAT ASSY, PILOT LH (ALT PN 5365562) (SEE FIG. 194 FOR DETAILS)	1	BC
	5365562	SEAT ASSY, PILOT LH (SEE FIG. 194 FOR DETAILS)	1	BC
	5206739-1	SEAT ASSY, PILOT RH (ALT PN 5365562-1) (SEE FIG. 194 FOR DETAILS)	1	BC
	5365562-1	SEAT ASSY, PILOT RH (SEE FIG. 194 FOR DETAILS)	1	BC
- 8	AN3-12A	BOLT	2	
	MS21044N3	NUT, (ALT FOR AN365-1032)	2	
- 9	AN4-14A	BOLT	8	
	MS21044D4	NUT, (ALT PN AN365D428)	8	
- 10	5115217-5	STOP, PILOT SEAT	8	AB
	5188949-5	STOP, PILOT SEAT	8	C
- 11	AN3-12A	BOLT	8	
- 12	S117426-6S104	SPACER	8	
	MS21044N3	NUT, (ALT PN AN365-1032)	8	C
- 13	1115702	ROLLER, PILOT SEAT SLIDE	8	
- 14	5115742	SLIDE INSTL, PILOT SEAT LH (SEE FIG. 193 FOR DETAILS)	1	
	5115742-1	SLIDE INSTL, PILOT SEAT RH (SEE FIG. 193 FOR DETAILS)	1	
	5162530	DOOR ASSY, FIRE EXTINGUISHER CONTROL PANEL COVER (SEE T.O. 1C-1-31) (ATTACHING PARTS)	1	
- 15	MS35206-250	SCREW, (ALT PN AN526-832R20) (SEE T.O. 1C-1-31)	3	
- 16	MS35206-245	SCREW, (ALT PN AN526-832R8) (SEE T.O. 1C-1-31)	3	
	AN960D8L	WASHER, (SEE T.O. 1C-1-31)	6	
	MS21044N08	NUT, (ALT PN AN365-832) (SEE T.O. 1C-1-31)	6	
- 17	5162530-26	DOOR ASSY, FIRE EXTINGUISHER CONTROL PANEL COVER	1	
- 18	2162317	WELL ASSY, DUMP VALVE COVER HANDLE	1	
- 19	1162225	CLIP, DUMP VALVE COVER HANDLE	2	
- 20	1162224	HANDLE, DUMP VALVE COVER	1	
- 21	2162227	WELL, DUMP VALVE COVER HANDLE	1	
- 22	1162732	CLIP, SHUTOFF VALVE HANDLE HOLDDOWN	2	
- 23	S136714	SPRING, DOOR FASTENER	3	
- 24	5162530-24	COVER ASSY, FIRE EXTINGUISHER CONTROL PANEL	1	
- 25	S136713	KNOB, DOOR FASTENER	3	
	5115739	GUARD INSTL, CONTROL COLUMN	1	
- 26	AN3-12A	BOLT	2	
	MS21044N3	NUT, (ALT PN AN365-1032)	2	
- 27	S233038-38S6	CLAMP, BOSS	2	
- 28	MS35206-229	SCREW, (ALT PN AN526-632-7)	10	
	MS21044N06	NUT, (ALT PN AN365-632)	10	
- 29	5115739-12	RETAINER, CONTROL COLUMN GUARD LH	1	
	5115739-13	RETAINER, CONTROL COLUMN GUARD RH	1	
- 30	MS24621-17	SCREW, (ALT PN AN530-6-6)	18	
	A1777-6Z1	NUT, SPEED (78553) (ALT PN 1777M1 (78553))	18	
- 31	5115739-14	RETAINER, CONTROL COLUMN GUARD LH	1	
	5115739-15	RETAINER, CONTROL COLUMN GUARD RH	1	
- 32	MS24621-17	SCREW, (ALT PN AN530-6-6)	6	
	AN940-9	WASHER	6	
- 33	5139245	BOOT ASSY, CONTROL COLUMN GUARD LH	1	
	5139245-1	BOOT ASSY, CONTROL COLUMN GUARD RH	1	
- 34	AN3-6A	BOLT	6	
	MS21044N3	NUT, (ALT PN AN365-1032)	6	
- 35	1115703	TUBE, PILOT SEAT SLIDE OUTBOARD (DRILL ON INSTL)	2	
- 36	1115713	TUBE, PILOT SEAT SLIDE INBOARD (DRILL ON INSTL)	2	
	AN3-5A	BOLT	8	
	MS21044N3	NUT, (ALT PN AN365-1032)	8	
- 37	2115724	SUPPORT, PILOT SEAT SLIDE REAR TUBE (MAKE FROM S2015659)	2	
- 38	2115725	SUPPORT, PILOT SEAT SLIDE FRONT LH (MAKE FROM S2015660)	1	
	2115725-1	SUPPORT, PILOT SEAT SLIDE FRONT RH (MAKE FROM S2015660-1) (ATTACHING PARTS)	1	
- 39	AN3-6A	BOLT	2	
- 40	AN509-10R8	SCREW, (ALT PN S1029421-10-8)	4	
	MS21044N3	NUT, (ALT PN AN365-1032)	6	
	AN3-4A	BOLT	16	
	MS21044N3	NUT, (ALT PN AN365-1032)	16	
- 41	2115727	SUPPORT, PILOT SEAT SLIDE INBOARD LH (MAKE FROM S2016721) (LH AND RH)	2	
- 42	2115727-1	SUPPORT, PILOT SEAT SLIDE INBOARD RH (MAKE FROM S2016721-1) (LH AND RH)	2	
- 43	AN530-8R4	SCREW	92	

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
192				
- 44	4115736	TROUGH, RUDDER PEDAL (DRILL ON INSTL)	4	
- 45	2115717	FLOOR ASSY, PILOT COMPARTMENT STA 40 TO 49 LH (DRILL ON INSTL)	1	
	2136538	FLOOR ASSY, PILOT COMPARTMENT STA 40 TO 49 RH (DRILL ON INSTL)	1	
- 46	4115734	FLOOR ASSY, PILOT COMPARTMENT REMOVABLE SIDE LH	1	
	4115734-1	FLOOR ASSY, PILOT COMPARTMENT REMOVABLE SIDE RH	1	
- 47	S1012947-2	PLATE AND DOG ASSY, FLOOR ATTACH DRESSER	3	
- 48	4115735	FLOOR ASSY, PILOT COMPARTMENT REMOVABLE CENTER	1	
- 49	S119311	DOG ASSY, FLOOR ATTACH	1	
- 50	S1012947-2	PLATE AND DOG ASSY, FLOOR ATTACH DRESSER	2	
- 51	AN509-10R7	SCREW, (ALT PN S1029421-10-7)	4	
- 52	MS35207-262	SCREW, (ALT PN AN520-10-7)	8	
	MS21044N3	NUT, (ALT PN AN365-1032)	12	
- 53	AN530-8R4	SCREW	48	
- 54	2115920	FLOOR, PILOT COMPARTMENT OUTBOARD STA 63 TO 76 LH (DRILL ON INSTL)	1	
	2115920-1	FLOOR, PILOT COMPARTMENT OUTBOARD STA 63 TO 76 RH (DRILL ON INSTL)	1	
- 55	4114734	FLOOR, PILOT COMPARTMENT INBOARD STA 63 TO 76 (DRILL ON INSTL)	2	
- 56	2115719	CHANNEL, FLOOR AND SEAT SLIDE SUPPORT STA 63 TO 76	2	
- 57	4115737	CHANNEL ASSY, FLOOR AND SEAT SLIDE SUPPORT STA 49 TO 76 LH	1	
	4115737-1	CHANNEL ASSY, FLOOR AND SEAT SLIDE SUPPORT STA 49 TO 76 RH	1	
	MS24621-29	SCREW, (ALT PN AN530-8-6)	3	
- 58	2139368	FILLER, PILOT FLOOR (DRILL ON INSTL)	1	
- 59	MS24621-30	SCREW, (ALT PN AN530-8-8)	2	
- 60	MS24621-29	SCREW, (ALT PN AN530-8-6)	13	AB
	MS24621-29	SCREW, (ALT PN AN530-8-6)	16	C
	1787M1	NUT, SPEED (78553)	13	AB
	1787M1	NUT, SPEED (78553)	16	C
- 61	4114697	FLOOR, PILOT COMPARTMENT STA 76 TO 86 LH (DRILL ON INSTL)	1	
- 62	2188947	PLATE, PILOT FLOOR COMPARTMENT (DRILL ON INSTL)	1	C
- 63	4188948	FLOOR ASSY, PILOT COMPARTMENT STA 76 TO 86 RH (DRILL ON INSTL)	1	C
	4114696	FLOOR ASSY, PILOT COMPARTMENT STA 76 TO 86 RH (DRILL ON INSTL)	1	AB
	5492118-29	PLATE, (SEE T.O. 1C-1-41)	1	
		A 001 THRU 148, 178 THRU 209 AND 555 THRU 558		
		B 149 THRU 177 AND 210 THRU 541		
		C 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

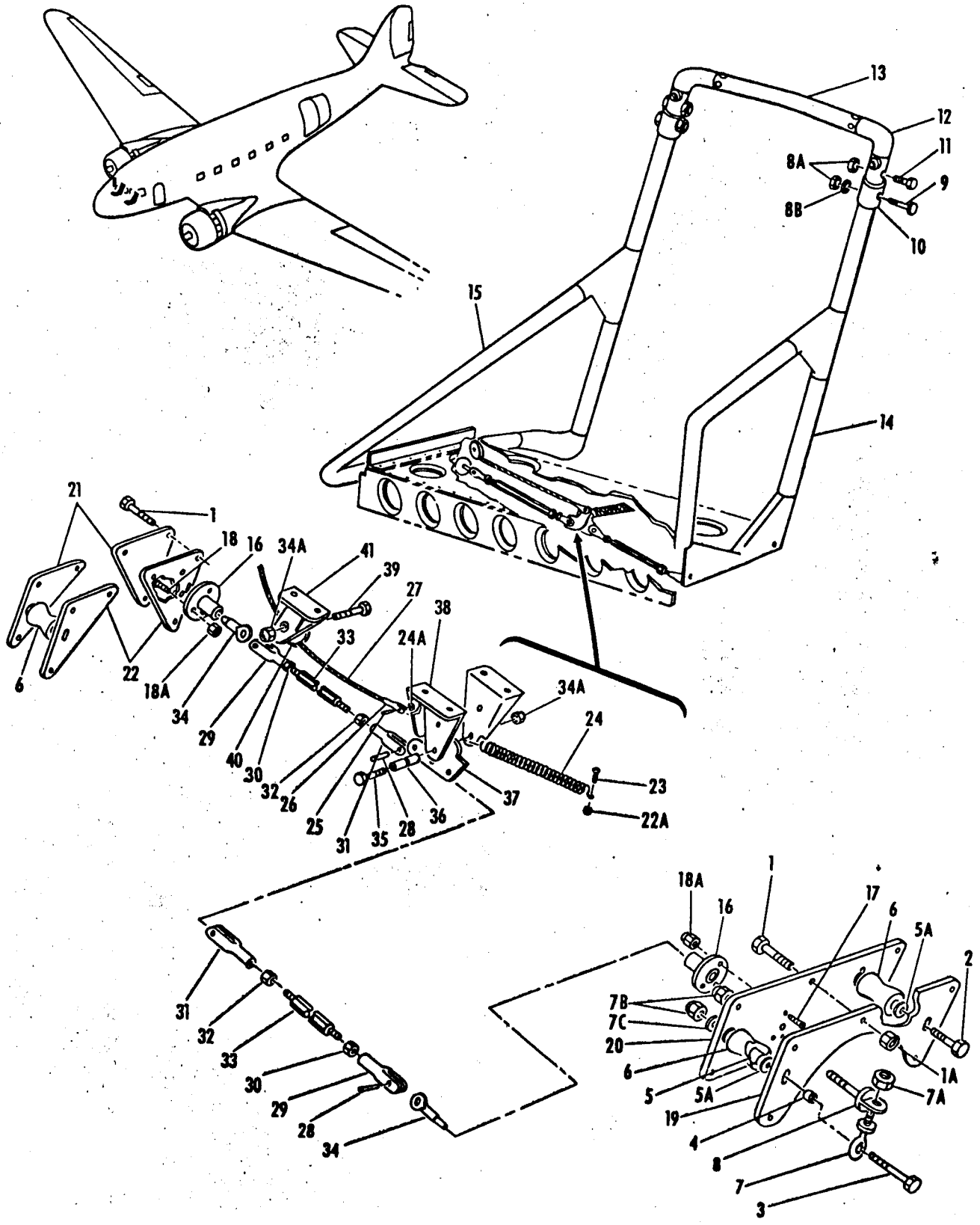


Figure 193. Pilot Seat Slide

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FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
193	5115742	SLIDE INSTL, PILOT SEAT LH (SEE FIG. 192 FOR NHA)	REF	
	5115742-1	SLIDE INSTL, PILOT SEAT RH (SEE FIG. 192 FOR NHA)	REF	
- 1	AN3-16A	BOLT	3	
- 1A	MS21044N3	NUT	7	
- 2	AN3-21A	BOLT	1	
- 3	AN3-22A	BOLT	3	
- 4	S117426-6S101	SPACER	4	
- 5	S117425-3S07	SPACER	4	
- 5A	AN960D10	WASHER	4	
- 6	1115702	ROLLER, PILOT SEAT SLIDE	4	
- 7	1115707	EYEBOLT, PILOT SEAT SIDE SPECIAL	4	
- 7A	AN315-3R	NUT, (USED WITH 1115707)	8	
- 7B	MS21044N3	NUT, (USED WITH S124682-3S10-6)	4	
- 7C	S124682-3S10-6	WASHER	8	
- 8	1115708	SUPPORT, PILOT SEAT SLIDE ROLLER ADJUSTING	4	
	5115741	TUBE ASSY, PILOT SEAT SUPPORT LH	1	
	5115741-1	TUBE ASSY, PILOT SEAT SUPPORT RH	1	
- 8A	MS21044N3	NUT	6	
- 8B	AN960-10	WASHER	2	
- 9	AN3-16A	BOLT	2	
- 10	1209964	STOP, PILOT SEAT SUPPORT	4	
- 11	AN3-12A	BOLT	4	
- 12	1115697	ELBOW, PILOT SEAT SUPPORT TUBE (DRILL ON INSTL)	2	
- 13	5115741-26	TUBE ASSY, PILOT SEAT SUPPORT	1	
- 14	5115741-22	TUBE ASSY, PILOT SEAT SUPPORT LH	1	
	5115741-23	TUBE ASSY, PILOT SEAT SUPPORT RH	1	
- 15	5115741-12	TUBE ASSY, PILOT SEAT SUPPORT LH	1	
	5115741-13	TUBE ASSY, PILOT SEAT SUPPORT RH	1	
- 16	1115711	BEARING, PILOT SEAT SLIDE PLUNGER	2	
		(ATTACHING PARTS)		
- 17	S1029421-8-10	SCREW, 100 DEGREE RECESSED FLAT HEAD	3	
- 18	S1029421-8-8	SCREW, 100 DEGREE RECESSED FLAT HEAD	3	
- 18A	MS21044D08	NUT, (ALT PN AN365D832)	6	
- 19	1115704	PLATE, PILOT SEAT SLIDE OUTER	1	
- 20	1115705	PLATE, PILOT SEAT SLIDE INNER	1	
- 21	1115706-1	PLATE, PILOT SEAT SLIDE	2	
- 22	1115706-2	PLATE, PILOT SEAT SLIDE	2	
- 22A	MS21044N08	NUT, (ALT PN AN365-832)	1	
- 23	MS35206-245	SCREW, (ALT PN AN515-8-8)	1	
- 24	1115714	SPRING, PILOT SEAT SLIDE	1	
- 24A	AN960-10	WASHER	1	
- 25	MS20392-2C11	PIN, (ALT PN AN393-11)	1	
- 26	1111636	END, 1/16 IN. SWAGED TYPE FORKED CABLE	1	
- 27	5115742-11	CABLE, PILOT SEAT SLIDE	1	
- 28	MS20392-2C11	PIN, (ALT PN AN393-11)	4	
- 29	AN665-21L	TERMINAL	2	
- 30	AN315-3L	NUT	2	
- 31	AN665-21R	TERMINAL	2	
- 32	AN315-3R	NUT	2	
- 33	1115715	ROD, PILOT SEAT SLIDE TIE	2	
- 34	1115710	PLUNGER, PILOT SEAT SLIDE	2	
- 34A	AN310-3	NUT	3	
- 35	AN3-12	BOLT	2	
- 36	S117425-3S010	SPACER	2	
- 37	1115709	WHEEL, PILOT SEAT SLIDE CONTROL	1	
- 38	1115712	BRACKET, PILOT SEAT SLIDE CONTROL WHEEL	2	
- 39	AN3-10	BOLT	1	
- 40	MS24566-18	PULLEY, (ALT PN AN210-1A)	1	
- 41	2115726	BRACKET, PILOT SEAT SLIDE PULLEY LH (MAKE FROM S2015667)	1	
	2115726-1	BRACKET, PILOT SEAT SLIDE PULLEY RH (MAKE FROM S2015667-1)	1	

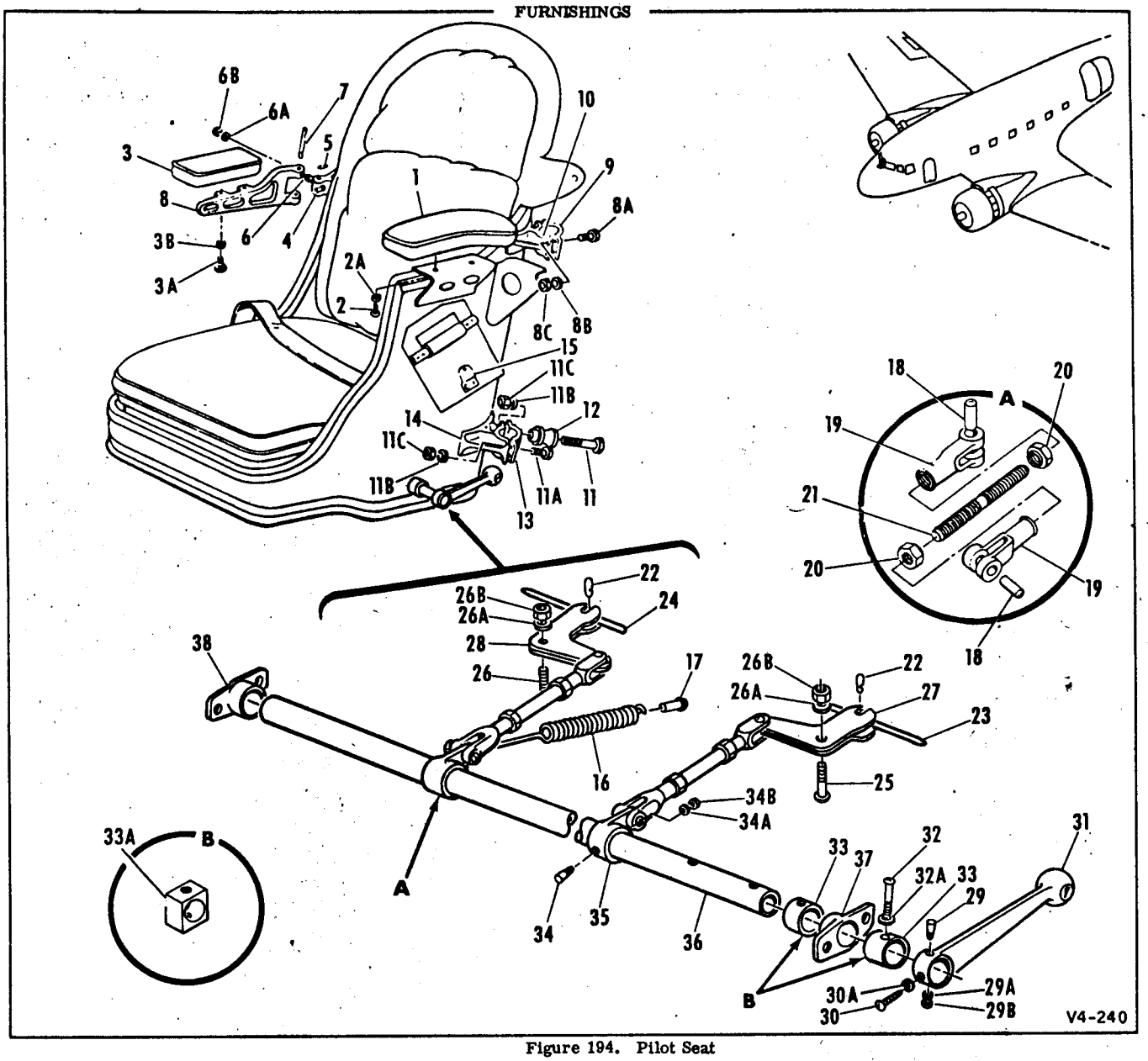

Figure 194. Pilot Seat

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
194 -	5115218	SEAT ASSY, PILOT LH (SEE FIG. 192 FOR NHA)	REF	A
	5206739	SEAT ASSY, PILOT LH (ALT PN 5365562) (SEE FIG. 192 FOR NHA)	REF	B
	5365562	SEAT ASSY, PILOT LH (SEE FIG. 192 FOR NHA)	REF	B
	5115218-1	SEAT ASSY, PILOT RH (SEE FIG. 192 FOR NHA)	REF	A
	5206739-1	SEAT ASSY, PILOT RH (ALT PN 5365562-1) (SEE FIG. 192 FOR NHA)	REF	B
	5365562-1	SEAT ASSY, PILOT RH (SEE FIG. 192 FOR NHA)	REF	B
	5115218-101	SEAT ASSY, PILOT LH (SEE T.O. 1C-47-543)	REF	
	5206739-101	SEAT ASSY, PILOT LH (SEE T.O. 1C-47-543)	REF	
	5365562-101	SEAT ASSY, PILOT LH (SEE T.O. 1C-47-543)	REF	
	5115218-1-102	SEAT ASSY, PILOT RH (SEE T.O. 1C-47-543)	REF	
	5206739-1-102	SEAT ASSY, PILOT RH (SEE T.O. 1C-47-543)	REF	
	5365562-1-102	SEAT ASSY, PILOT RH (SEE T.O. 1C-47-543)	REF	
- 1	2115251	REST ASSY, PILOT SEAT FIXED ARM LH	1	
	2115251-1	REST ASSY, PILOT SEAT FIXED ARM RH	1	
		(ATTACHING PARTS)		
- 2	MS35206-249	SCREW, (ALT PN AN515-8-16)	3	A
	MS35206-244	SCREW, (ALT PN AN515-8-7)	3	B1
- 2A	AN960D8	WASHER	3	B
- 3	2115199	REST ASSY, PILOT SEAT ARM INSIDE (LH)	1	
	2115199-1	REST ASSY, PILOT SEAT ARM INSIDE (RH)	1	B
		(ATTACHING PARTS)		
- 3A	MS35206-244	SCREW, (ALT PN AN515-8-7)	2	
- 3B	AN960A8	WASHER	2	B
- 4	5136713-1	KNOB, DOOR FASTENER (RH ONLY)	1	A
	AN960-8	WASHER, (RH ONLY)	2	A
	MS20341-8S	NUT, (RH ONLY) (ALT PN AN340-8)	1	A

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
	CONTINUED			
194				
- 5	5115218-16	PIN, PILOT SEAT	1	A
	5206739-16	PIN, PILOT SEAT	1	B
	5365562-16	PIN, PILOT SEAT	1	B
- 6	AN3-10A	BOLT	2	A
	AN3-12A	BOLT	2	B
- 6A	AN960D10	WASHER, (ALT PN AN960A10)	4	B
- 6B	MS21044N3	NUT, (ALT PN AN365-1032)	2	
- 7	1115194	PIN, PILOT SEAT ARMREST HINGE	1	
- 8	4115255	ARM, PILOT SEAT SWIVEL LH (MAKE FROM S4008573)	1	
	4115255-1	ARM, PILOT SEAT SWIVEL RH (MAKE FROM S4008573-1)	1	
- 8A	AN3-5A	BOLT	8	B
- 8B	AN960D10	WASHER, (ALT PN AN960A10)	8	B
- 8C	MS21044N3	NUT, (ALT PN AN365-1032)	8	B
	4115256	SUPPORT ASSY, PILOT SEAT UPPER LH	1	
	4115256-1	SUPPORT ASSY, PILOT SEAT UPPER RH	1	
- 9	4115256-4	CAP, PILOT SEAT UPPER SUPPORT	2	
- 10	4115256-2	SUPPORT, PILOT SEAT UPPER LH (MAKE FROM S4008574-2)	1	
	4115256-3	SUPPORT, PILOT SEAT UPPER RH (MAKE FROM S4008574-3)	1	
- 11	AN3-14A	BOLT	2	B
- 11A	AN3-5A	BOLT	6	B
- 11B	AN960D10	WASHER, (ALT PN AN960A10)	8	B
- 11C	MS21044N3	NUT, (ALT PN AN365-1032)	8	B
- 12	1185476	ANCHOR, ELEVATION CORD	2	B
	5115257	SUPPORT ASSY, PILOT SEAT LOWER LH	1	
	5115257-1	SUPPORT ASSY, PILOT SEAT LOWER RH	1	
- 13	5115257-4	CAP, PILOT SEAT LOWER	2	
- 14	5115257-2	SUPPORT, PILOT SEAT LOWER LH (MAKE FROM S5008575-2)	1	
	5115257-3	SUPPORT, PILOT SEAT LOWER RH (MAKE FROM S5008575-3)	1	
- 15	5115218-24	CLIP, PILOT SEAT	1	A
	5206739-20	CLIP, PILOT SEAT	1	B
	5365562-34	CLIP, PILOT SEAT	1	B
		(ATTACHING PARTS)		
	AN23-8A	BOLT	2	
	AN960D10	WASHER	2	B
	AN960D10	WASHER	2	B
	MS21083N3	NUT, (ALT PN AN364-1032)	2	
- 16	1115191	SPRING, PILOT SEAT ADJUSTING LOCK	1	
	1008605	SPRING, PILOT SEAT ADJUSTING LOCK (USED ON 5365562 AND -1)	1	B
- 17	MS20392-1C7	PIN, (ALT PN AN392-7)	1	
- 18	MS20392-2C17	PIN, (ALT PN AN393-17)	4	
- 19	MS27975-3	CLEVIS, (ALT PN AN486-3)	4	
- 20	AN315-4R	NUT	4	
- 21	1115193	ROD, PILOT ADJUSTING SEAT CONNECTING	2	
	1008608	ROD, PILOT ADJUSTING SEAT CONNECTING (USED ON 5365562 AND -1)	2	B
- 22	5115218-17	PIN, PILOT SEAT	2	A
	5206739-32	PIN, PILOT SEAT	2	B
	5365562-17	PIN, PILOT SEAT	2	B
- 23	1115192-2	ROD, PILOT SEAT ADJUSTING LOCK	1	
	1008606	ROD, PILOT SEAT ADJUSTING LOCK (USED ON 5365562 AND -1)	1	B
- 24	1115192-4	ROD, PILOT SEAT ADJUSTING LOCK	1	
	1008606	ROD, PILOT SEAT ADJUSTING LOCK (USED ON 5365562 AND -1)	1	B
- 25	AN23-30	BOLT	1	
	AN23-28	BOLT, (USED ON 5206739 AND -1)	1	B
- 26	AN23-20	BOLT	1	
- 26A	AN960-10	WASHER	2	
- 26B	AN320-3	NUT	2	
- 27	1115197	LEVER ASSY, PILOT SEAT ADJUSTING LOCK ROD LH (LH AND RH)	1	
	1010288	LEVER ASSY, LOCK ROD LH (LH AND RH) (USED ON 5365562 AND -1)	1	B
- 28	1115197-1	LEVER ASSY, PILOT SEAT ADJUSTING LOCK ROD RH (LH AND RH)	1	
	1010288-1	LEVER ASSY, LOCK ROD RH (LH AND RH) (USED ON 5365562 AND -1)	1	B
- 29	S124604-10-10	PIN, SPECIAL THREADED TAPER	1	
- 29A	MS35338-3	WASHER, (ALT PN AN935-6)	1	
- 29B	MS20341-6S	NUT, (ALT PN AN340-6)	1	
- 30	MS35206-243	SCREW, (ALT PN AN515-8-6)	1	B
- 30A	AN960D8	WASHER, (ALT PN AN960A8)	1	B
- 31	S122990	HANDLE, PILOT SEAT ADJUSTING LOCK OPERATING (DRILL ON INSTL)	1	
- 32	MS35206-241	SCREW, (ALT PN AN515-8-4)	2	
- 32A	MS35338-4	WASHER, (ALT PN AN935-8)	2	
- 33	5115218-12	STOP, PILOT SEAT (DRILL ON INSTL)	2	A
	5206739-12	STOP, PILOT SEAT (DRILL ON INSTL)	2	B
- 33A	5365562-12	STOP, PILOT SEAT (DRILL ON INSTL)	2	B
- 34	S124604-10-10	PIN, SPECIAL THREADED TAPER	2	
- 34A	MS35338-3	WASHER, (ALT PN AN935-6)	2	
- 34B	MS20341-6S	NUT, (ALT PN AN340-6)	2	
- 35	S122987	LEVER, PILOT ADJUSTING SEAT LOCK	1	A
- 36	5115218-22	TUBE, PILOT SEAT (DRILL ON INSTL)	1	B
	2185477	TUBE, LOCK LH (DRILL ON INSTL) (USED ON 5206739)	1	B
	2185477-1	TUBE, LOCK RH (DRILL ON INSTL) (USED ON 5206739-1)	1	B
	5365562-10	TUBE, PILOT SEAT (DRILL ON INSTL)	1	B
- 37	S122988-1	BEARING, PILOT ADJUSTING SEAT LOCK OPERATING SHAFT	1	
- 38	S122988-2	BEARING, PILOT ADJUSTING SEAT LOCK OPERATING SHAFT	1	
		A 001 THRU 148, 178 THRU 209 AND 555 THRU 558		
		B 149 THRU 177 AND 210 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

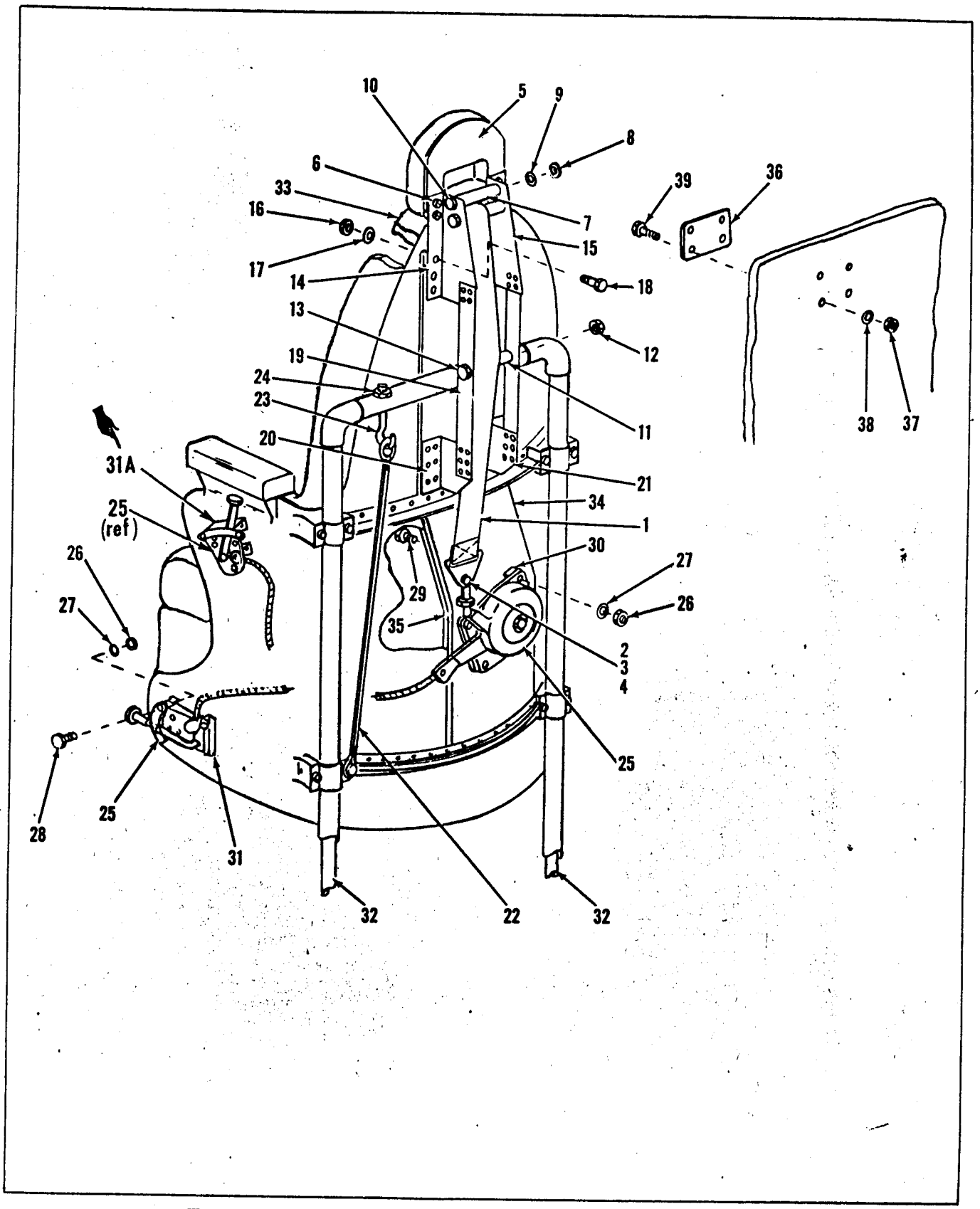

Figure 194A. Inertia Reel and Shoulder Harness Installation

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
194A	68PA3001	INSTALLATION, Shoulder Harness, Pilot seat	NP	
	68PA3002	INSTALLATION, Shoulder Harness, Co-pilot seat	NP	
-1	57D677	SHOULDER HARNESS (80049)	1	
		(ATTACHING PARTS)		
-2	MS20365-1032A	NUT	1	
-3	AN960-10	WASHER	1	
-4	MS27039-1-12	SCREW	1	
	I/W AN525-10R12			
		---*---		
-5	68PA3013	HEAD REST ASSY (23291)	1	
		(ATTACHING PARTS)		
-6	MS35207-264	SCREW	4	
	I/W AN520-10-10			
		---*---		
-7	68PA3012-1	SPACER (23291)	2	
		(ATTACHING PARTS)		
-8	MS21044N5	NUT	1	
-9	AN960-516	WASHER	2	
-10	AN5-41	BOLT	1	
		---*---		
-11	68PA3012-2	SPACER (23291)	1	
		(ATTACHING PARTS)		
-12	MS20365-1032A	NUT	1	
-13	AN3-41	BOLT	1	
		---*---		
-14	68PA3008-1	BRACKET, LH (23291)	1	
-15	68PA3008-2	BRACKET, RH (23291)	1	
		(ATTACHING PARTS)		
-16	MS20365-1032A	NUT	3	
-17	AN960-10	WASHER	3	
-18	MS24693-S269	SCREW	3	
	I/W AN507-10-5			
		---*---		
-19	68PA3007	STRIP (23291)	2	
-20	68PA3006-1	CLIP, LH (23291)	1	
-21	68PA3006-2	CLIP, RH (23291)	1	
-22	68PA3014	BUNGEE CORD (23291)	1	
-23	68PA3018	HOOK (23291)	2	
		(ATTACHING PARTS)		
-24	MS35691-1	NUT	2	
		---*---		
-25	0-4600-724	REEL ASSY (02860) (Alternate P/N 0-4600-816)	1	
		(ATTACHING PARTS)		
-26	MS20365-1032A	NUT	7	
-27	AN960-10	WASHER	7	
-28	MS24693-8275	SCREW	4	
	I/W AN507-10R14			
-29	MS35207-263	SCREW	3	
	I/W AN520-10R8			
		---*---		
-30	68PA3009	SPACER (23291)	2	
-31	68PA3005	BRACKET (23291) CO-PILOT SEAT ONLY	1	
-31A	68C35668-01	BRACKET (98752) PILOT SEAT ONLY (Added per T.O. 1C-47-543D)	1	
-32	68PA3011	TUBE (23291)	2	
-33	68PA3016	CUSHION MODIFICATION (23291)	1	
-34	68PA3003-1	DOUBLER, Pilot seat (23291)	1	
	68PA3004-1	DOUBLER, Co-pilot seat (23291)	1	
-35	68PA3003-3	DOUBLER, Pilot seat (23291)	1	
	68PA3004-3	DOUBLER, Co-pilot seat (23291)	1	
-36	68PA3015-1	SCUFF PLATE, Pilot seat (23291)	1	
	68PA3015-2	SCUFF PLATE, Co-pilot seat (23291)	1	
-37	MS20365-832A	NUT	4	
-38	AN960-8	WASHER	4	
-39	MS24693-549	SCREW	4	
		---*---		

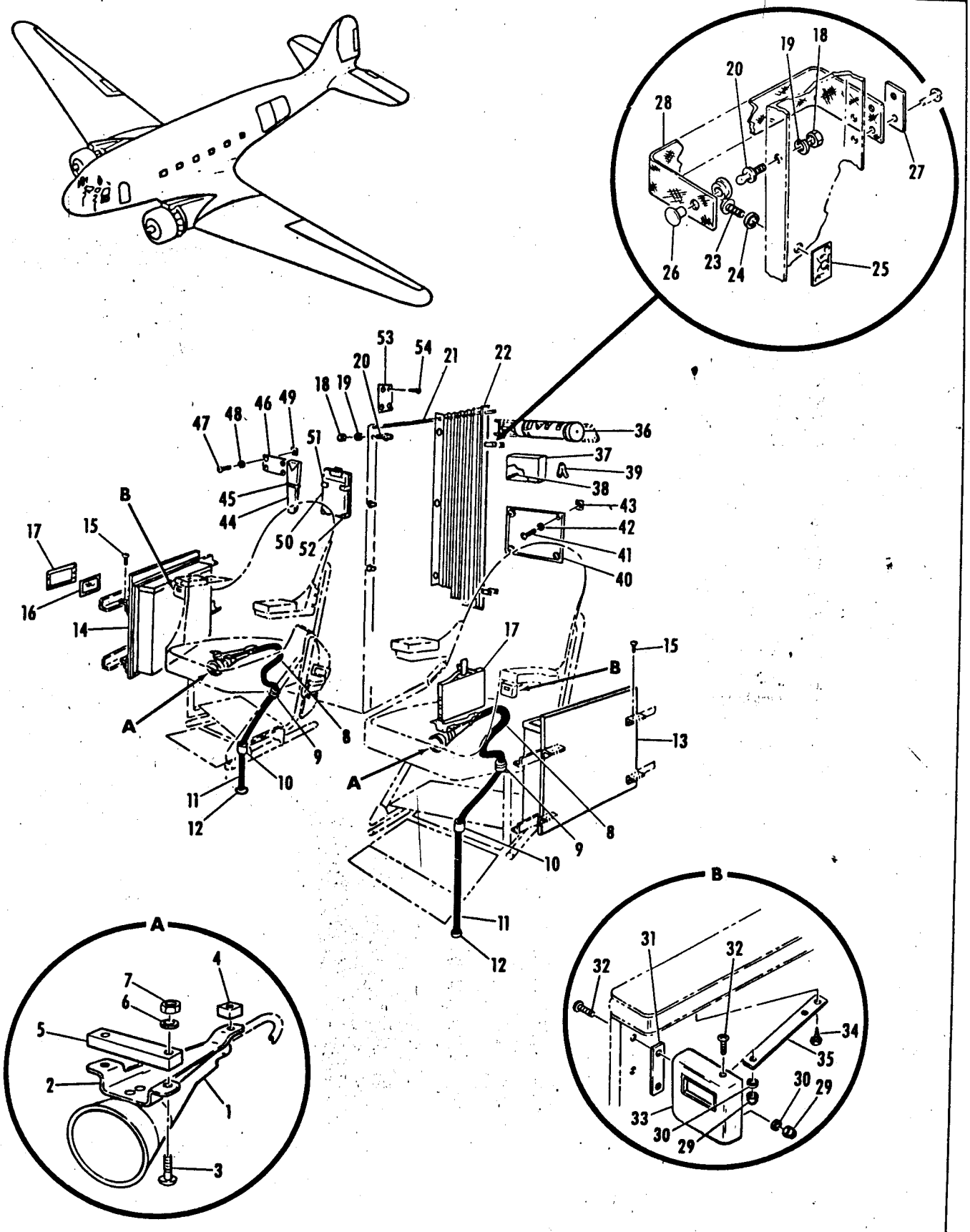

Figure 195. Pilot Relief Tubes and Cockpit Equipment

V4-198

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
195		PILOT RELIEF TUBES AND COCKPIT EQUIPMENT	REF	AB
	5110557	TUBE INSTL, PILOT RELIEF (SEE FIG. 16 FOR NHA)	2	AB
- 1	AN8018-1	HORN	2	AB
- 2	AN8020	BRACKET		
		(ATTACHING PARTS)	6	AB
- 3	MS35206-249	SCREW, (ALT PN AN515-8-16)	2	AB
- 4	5110557-8	SPACER, PILOT RELIEF TUBE	2	AB
- 5	5110557-6	SPACER, PILOT RELIEF TUBE	6	AB
- 6	AN960D6	WASHER	6	AB
- 7	MS21044N08	NUT, (ALT PN AN365-832A)		
		----*----	2	AB
- 8	5110557-4	TUBE, PILOT RELIEF	2	AB
- 9	MS35489-14	GROMMET, (ALT PN AN931-8-13)	2	AB
- 10	AN742D8	CLIP, (ALT PN S126480-8L)		
		(ATTACHING PARTS)	2	AB
	MS35206-246	SCREW, (ALT PN AN515-8-10)	2	AB
	6480	NUT, LOCK (17875)		
		----*----	2	AB
- 11	5110557-2	TUBE, PILOT RELIEF	2	AB
- 12	MS35489-11	GROMMET, (ALT PN AN931-6-10)	REF	AB
	5110559	EQUIPMENT INSTL, COCKPIT (SEE FIG. 16 FOR NHA)	REF	C
	5188346	EQUIPMENT INSTL, COCKPIT (SEE FIG. 16 FOR NHA)	1	AB
	4207668	LIST, PILOTS GLIDER TOW CHECK (MAP CASE AND LOG BOOK HOLDER LH) (GFAE)	1	
- 13	5118997	HOLDER ASSY, MAP CASE AND LOG BOOK LH (ALT PN 5141034)	1	
	5141034	HOLDER ASSY, MAP CASE AND LOG BOOK LH	1	
- 14	5118997-1	HOLDER ASSY, MAP CASE AND LOG BOOK RH (ALT PN 5141034-1)	1	
	5141034-1	HOLDER ASSY, MAP CASE AND LOG BOOK RH		
		(ATTACHING PARTS)	8	
- 15	MS24621-31	SCREW, (ALT PN AN530-8-10)		
		----*----	1	
	1205820	CARD, BLOWER INSTRUCTION	1	
- 16	D455	HOLDER, BLOWER INSTRUCTION CARD (HOLLYWOOD ATH. CO.)	1	
	4207667	LIST, PILOTS CHECK (GFAE)	1	
- 17	AAF39D3922	HOLDER ASSY, PILOTS CHECK LIST	1	C
	1143361	PLACARD, (PILOTS CONTROL COLUMN LH)	1	AB
	5142481	CURTAIN INSTL, ACCORDIAN TYPE STA 86	5	AB
- 18	MS20341-8S	NUT, (ALT PN AN340-8)	5	AB
- 19	MS35338-4	WASHER, (ALT PN AN935-8)	5	AB
- 20	559	STUD, (61864)	1	AB
- 21	5142481-2	DOWEL, CURTAIN	1	AB
- 22	5142457	CURTAIN ASSY, ACCORDIAN TYPE BULKHEAD STA 86		
		(ATTACHING PARTS)	4	AB
- 23	MS24621-29	SCREW, (ALT PN AN530-8-6)	4	AB
- 24	AN960-8	WASHER	4	AB
- 25	NAS446-4-1	NUT, (ALT PN 1778M1 (78553))		
		----*----	2	AB
- 26	AN227-6B	BUTTON	2	AB
	AN227-7B	SOCKET	2	AB
- 27	5142481-6	PLATE, CURTAIN	2	AB
- 28	5142481-4	STRAP, CURTAIN	6	C
- 29	MS21044N06	NUT, (ALT PN AN365-632)	6	C
- 30	AN960-6L	WASHER	2	C
- 31	5188346-4	SPACER, COCKPIT EQUIPMENT	6	C
- 32	MS35206-228	SCREW, (ALT PN AN515-6-6)	2	C
- 33	11A7030700	TRAY, ASH (70159)	2	C
	11A7030708	BRACKET, (70159)	4	C
- 34	S2656012-6-10	SCREW, (ALT PN S1114190A6-10)	2	C
- 35	5188346-2	BRACE, ASH TRAY	1	AB
- 36	NO NUMBER	EXTINGUISHER ASSY, PORTABLE FIRE (TYPE A-2) (MODEL 85-HD) (GFAE)	1	C
	NO NUMBER	EXTINGUISHER ASSY, PORTABLE FIRE (TYPE A-2) (MODEL 85-2H) (GFAE)	1	
	108902	BRACKET, (GFAE)		
		(ATTACHING PARTS)	4	
	MS24621-44	SCREW, (ALT PN AN530-10-8)	4	
	NAS446-5-1	NUT, (ALT PN 1779M1 (78553))		
		----*----		

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
195				
- 37	97765	KIT, FIRST AID (GFAE)	1	
- 38	AN227-22	STUD	4	
	125M1	NUT, SPEED (78553)	4	
- 39	11810N	CLIP, (18702)	1	
		(ATTACHING PARTS)		
	MS24621-18	SCREW, (ALT PN AN530-6-8)	3	AB
	MS24621-30	SCREW, (ALT PN AN530-8-8)	3	C
	A1777-6Z1	NUT, SPEED (78553) (ALT PN 1777M1 (78553))	3	
- 40	4205056	CHART ASSY, FUEL SYSTEM FLOW DIAGRAM	1	CD
	4139498	CHART ASSY, FUEL SYSTEM FLOW DIAGRAM	1	E
- 41	MS24621-32	SCREW, (ALT PN AN530-8-12)	4	C,F
- 42	AN960-8	WASHER	4	C,F
- 43	NAS446-4-1	NUT, (ALT PN 1778M1 (78553))	4	C,F
- 44	NO NUMBER	ADJUSTER, LOAD (GFAE)	1	BC
- 45	NO NUMBER	CLIP, LOAD ADJUSTER (GFAE)	1	BC
		(ATTACHING PARTS)		
	MS24621-10	SCREW, (ALT PN AN530-4-6)	3	BC
	NAS446-1-1	NUT, (ALT PN 1776M1 (78553))	3	BC
- 46	2209926	PLACARD ASSY	1	AB
		(ATTACHING PARTS)		
- 47	MS24621-32	SCREW, (ALT PN AN530-8-12)	4	AB
- 48	AN960-8	WASHER	4	AB
- 49	NAS446-4-1	NUT, (ALT PN 1778M1 (78553))	4	AB
- 50	2119500	BOARD, CHART	1	A
- 51	1119536	CLIP, CHART BOARD SPRING	2	A
- 52	1119535	BRACKET, CHART BOARD	2	A
- 53	AAF0153316-10	NAMEPLATE	1	
		(ATTACHING PARTS)		
- 54	AN531-4R4	SCREW	4	

A 001
B 002 THRU 541 AND 555 THRU 558
C 542 THRU 554
D 001 THRU 092, 146 THRU 148, 178 AND 555 THRU 558
E 093 THRU 145 AND 179 THRU 209
F 149 THRU 177 AND 210 THRU 541

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

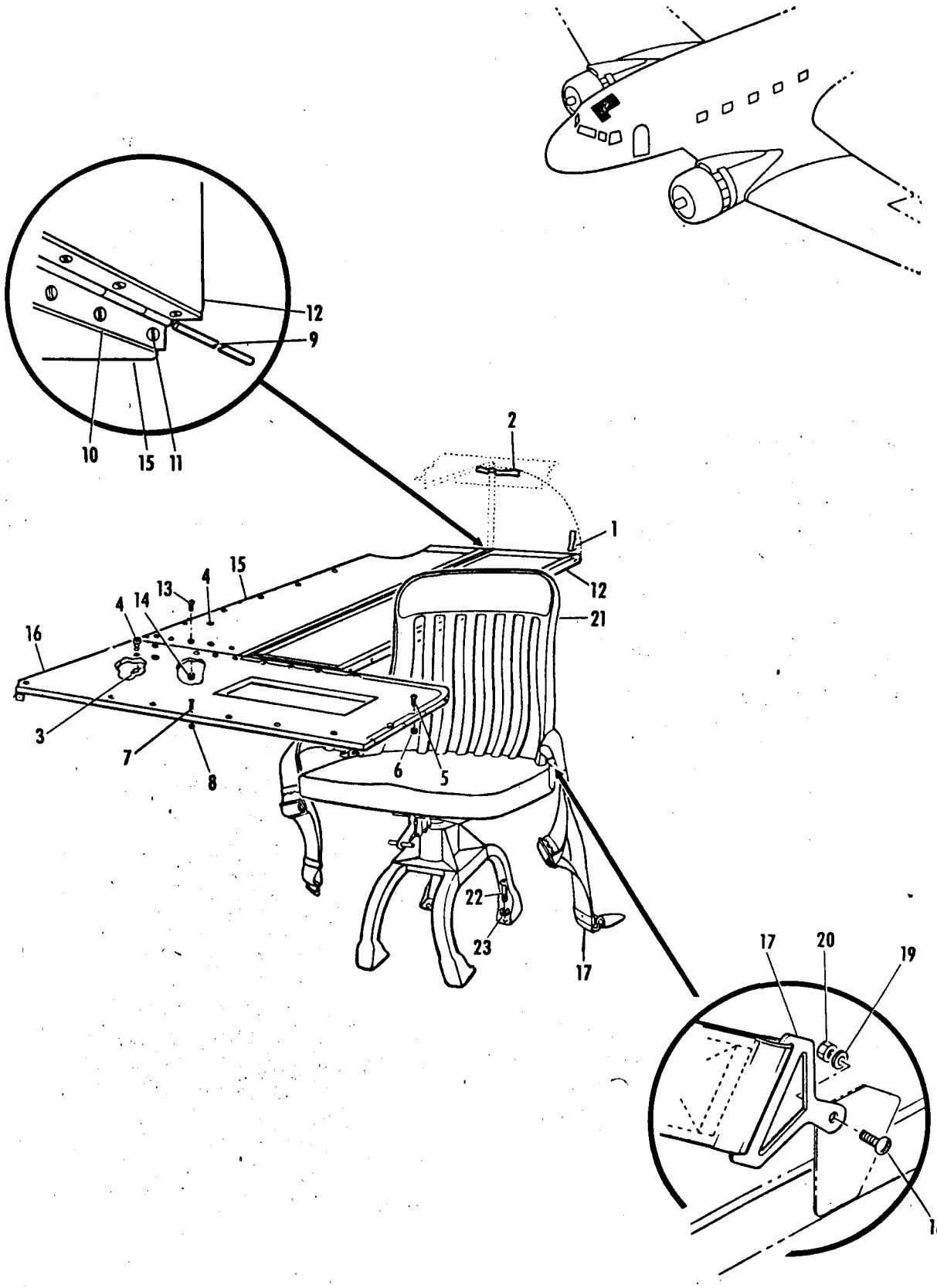

Figure 196. Radio Compartment

V4-226

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
196	5110562	COMPARTMENT INSTL, RADIO (SEE FIG. 16 FOR NHA)	REF	AB
	5114908	TABLE INSTL, RADIO OPERATOR	1	A
- 1	1118944	CATCH, RADIO OPERATOR TABLE LEAF LOWER	1	A
- 2	1114934	CATCH, RADIO OPERATOR TABLE LEAF	1	A
- 3	1141026	SPRING, FEEDTHRU INSULATOR RETAINING	3	A
- 4	1141014	INSULATOR, FEED THRU TABLE	3	A
	5114779	TABLE ASSY, RADIO OPERATOR	1	A
		(ATTACHING PARTS)		
- 5	MS35206-249	SCREW, (ALT PN AN526-832-16)	2	A
- 6	MS21044N08	NUT, (ALT PN AN365-832)	2	A
- 7	MS35206-234	SCREW, (ALT PN AN526-632-16)	22	A
- 8	MS21044N06	NUT, (ALT PN AN365-632)	22	A
		---*---		
- 9	S121873-091-2904	PIN, SAFETY	1	A
- 10	5114779-14	HINGE, RADIO OPERATOR TABLE (MAKE FROM S121874D3002)	1	A
		(ATTACHING PARTS)		
- 11	AN550-4R6	SCREW	24	A
		---*---		
- 12	5114779-12	PANEL ASSY, RADIO OPERATOR TABLE LEAF	1	A
- 13	MS35206-234	SCREW, (ALT PN AN526-632-16)	13	A
- 14	MS21044N06	NUT, (ALT PN AN365-632)	13	A
- 15	5114779-16	PANEL ASSY, RADIO OPERATOR TABLE	1	A
- 16	5114779-2	PANEL ASSY, RADIO OPERATOR TABLE	1	A
	5110563	SEAT INSTL, RADIO OPERATOR (SPARE PARTS ASSY 1140964)	1	AB
- 17	44G5437	BELT ASSY, TYPE B-14 (SEE T.O. 1C-1-54)	1	AB
		(ATTACHING PARTS)		
- 18	AN24-12A	BOLT, (SEE T.O. 1C-1-54)	2	AB
- 19	AN960-416	WASHER	2	AB
- 20	MS21044N4	NUT, (ALT PN AN365-428) (SEE T.O. 1C-1-54)	2	AB
		---*---		
- 21	CR6350	CHAIR ASSY, (24503) (ALT PN 73043 (64266))	1	AB
	73043	CHAIR ASSY, (64266)	1	AB
		(ATTACHING PARTS)		
- 22	MS27039C1-24	SCREW, (ALT PN AN525-10-24)	4	AB
- 23	AN960-10	WASHER	4	AB
		---*---		
		A 026 THRU 056, 149 THRU 175, 210 THRU 502, 528 THRU 540 AND 555 THRU 558		
		B 001 THRU 025, 057 THRU 148, 176 THRU 209, 503 THRU 527 AND 541		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

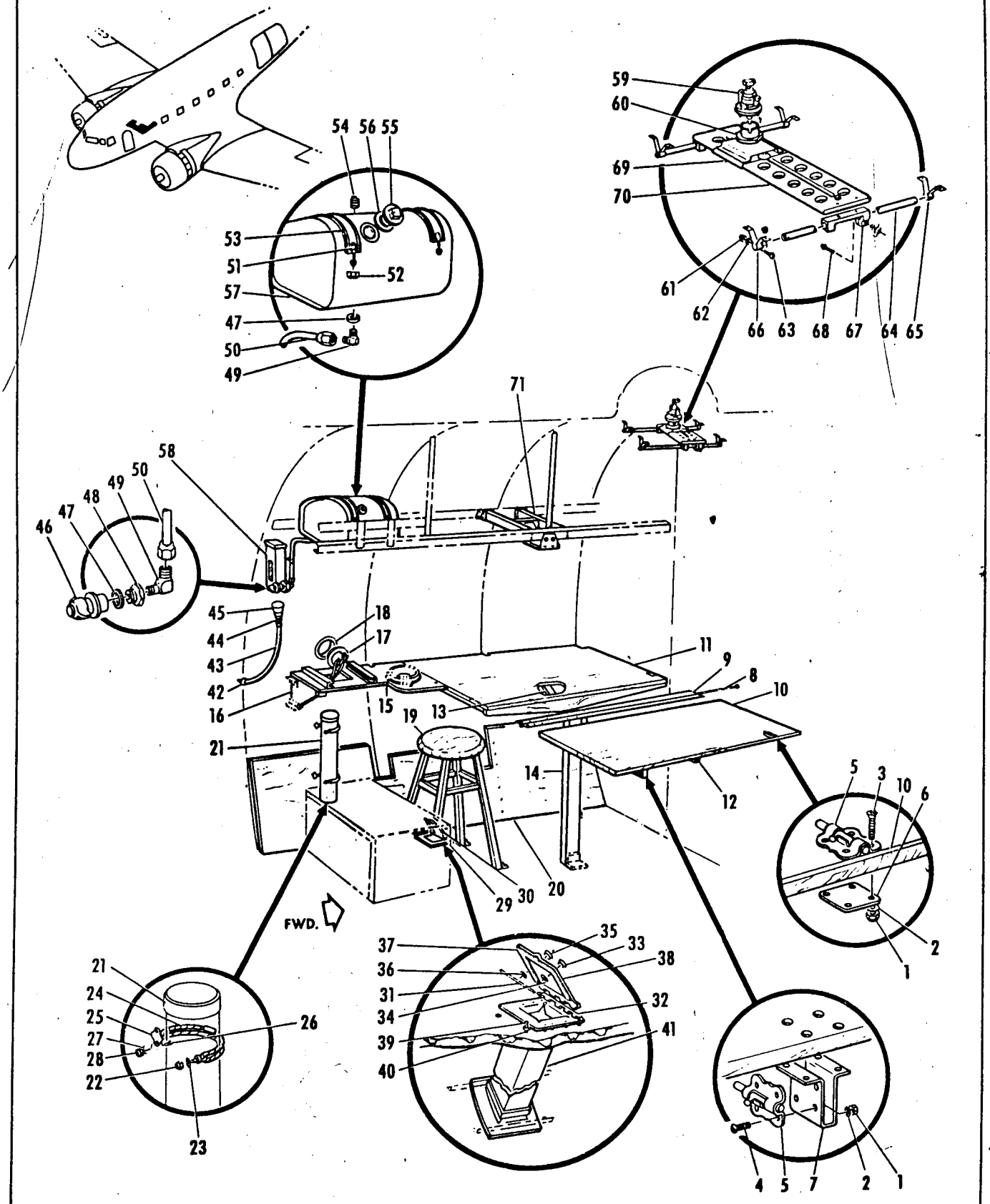

Figure 197. Navigator Compartment

V4-261

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
197	5141241	COMPARTMENT INSTL, NAVIGATOR (SEE FIG 16 FOR NHA)	REF	AC
	5141263	TABLE ASSY, NAVIGATOR FORWARD (FOR T.O.MODIFICATION SEE FIG. 163)	1	A
	5185411	TABLE ASSY, NAVIGATOR FORWARD	1	BC
- 1	MS21044N06	NUT, (ALT PN AN365-632)	8	AC
- 2	AN960-6	WASHER	8	BC
- 3	MS35190-242	SCREW, (ALT PN AN505-6-16)	4	A
- 4	MS35190-238	SCREW, (ALT PN AN505-6-8)	4	A
	MS35190-242	SCREW, (ALT PN AN505-6-16)	8	BC
- 5	2T7421	BOLT ASSY, (78988)	2	AC
- 6	5141263-22	PLATE, NAVIGATOR FORWARD TABLE	1	A
- 7	1142706	BRACKET, NAVIGATOR TABLE BOLT	1	A
		(ATTACHING PARTS)		
	MS35190-257	SCREW, (ALT PN AN505-8-16)	4	A
	MS21044N08	NUT, (ALT PN AN365-832)	4	A
- 8	S121873-081-3300	PIN, SAFETY	1	AC
- 9	5141263-4	HINGE, NAVIGATOR FORWARD TABLE (MAKE FROM S121874DC3800)	1	A
	5185411-4	HINGE, NAVIGATOR FORWARD TABLE (MAKE FROM S121874DC3800)	1	BC
		(ATTACHING PARTS)		
	AN545-8R3	SCREW, (ALT PN AN545-8-3)	34	AC
- 10	5141263-6	LEAF, NAVIGATOR FORWARD TABLE	1	A
	5185411-6	LEAF, NAVIGATOR FORWARD TABLE	1	BC
- 11	5141263-2	TABLE, NAVIGATOR FORWARD	1	A
	5185411-2	TABLE, NAVIGATOR FORWARD	1	BC
- 12	2T6495	CATCH, SWENSON NUMBER 5 (78988)	1	AC
- 13	5141241-46	BRACE, NAVIGATOR COMPARTMENT (MAKE FROM S1353311-816)	1	AC
		(ATTACHING PARTS)		
	AN550-8R4	SCREW, (ALT PN AN550-8-4)	8	AC
- 14	2141269	LEG, NAVIGATOR TABLE	1	AC
		(ATTACHING PARTS)		
	AN515-8R30	SCREW, (ALT PN AN515-8-30)	3	AC
	MS21044N08	NUT, (ALT PN AN365-832)	3	AC
- 15	5141238	SUPPORT ASSY, COMPASS AND DRIFTMETER FORWARD	1	AC
- 16	2141544	BRACE ASSY, COMPASS AND DRIFTMETER SUPPORT	1	AC
- 17	2141393	CAP ASSY, MAIN CABIN GUN SUPPORT	1	AC
- 18	2114695	STRIP, MAIN CABIN WINDOW GUN PORT RETAINING	1	AC
- 19	5141241-2	STOOL ASSY, NAVIGATOR COMPARTMENT	1	AC
- 20	5141241-6	PLATE, NAVIGATOR COMPARTMENT KICK	1	AC
		(ATTACHING PARTS)		
	MS24621-30	SCREW, (ALT PN AN530-8-8)	20	AC
	AN960-8	WASHER	20	AC
- 21	NO NUMBER	TUBE, SCREW TOP JUTE (87378)	1	AC
- 22	MS21044N4	NUT, (ALT PN AN365-428)	2	AC
- 23	AN960-416	WASHER	2	AC
- 24	2205255	CORD ASSY, NAVIGATOR CHART TUBE	2	AC
- 25	93	HOOK, AIRCRAFT (71694)	2	AC
		(ATTACHING PARTS)		
- 26	MS35206-230	SCREW, (ALT PN AN515-6-8)	4	AC
- 27	AN960D6	WASHER	4	AC
- 28	MS21044N06	NUT, (ALT PN AN365-632)	4	AC
- 29	5141487	TUBE INSTL, DRIFT FLARE	1	AC
- 30	4140893	DOOR ASSY, DRIFT FLARE TUBE	1	AC
		(ATTACHING PARTS)		
	NO NUMBER	SCREW, 8 X 3/4 (TYPE A) STOVEHEAD (45722)	3	AC
- 31	S121873-091-420	PIN, SAFETY	1	AC
- 32	4140893-2	HINGE, DRIFT FLARE TUBE DOOR (MAKE FROM S121874D426)	1	AC
- 33	224-1	BUTTON	2	AC
- 34	224-2	SOCKET	2	AC
- 35	224-3	STUD	1	AC
- 36	224-4	EYELET	1	AC
- 37	4140893-6	SEAL, DRIFT FLARE TUBE DOOR	1	AC
- 38	4140893-4	DOOR, DRIFT FLARE TUBE	1	AC
- 39	MS24621-18	SCREW, (ALT PN AN530-6-8)	2	AC
- 40	224-3	STUD	2	AC
- 41	5140843	TUBE ASSY, DRIFT FLARE	1	AC
	5143438	TANK INSTL, DRINKING WATER	1	AC
- 42	MS35489-11	GROMMET, (ALT PN AN931-6-10)	1	AC
- 43	2202183	TUBE ASSY, DRINKING WATER DRAIN	1	AC
- 44	NAS245-6-2	NIPPLE	1	AC
- 45	4202185	DRAIN ASSY, DRINKING WATER	1	AC
- 46	B41N	FAUCET ASSY, DRINKING WATER TANK (14636)	1	AC
- 47	1202172	SEAL, DRINKING FAUCET	2	AC
- 48	1202150	ADAPTER, DRINKING WATER SPIGOT	1	AC
- 49	NAS253-6-2	ELBOW	2	AC
- 50	2202184	TUBE ASSY, DRINKING WATER INLET	1	AC
- 51	2139003	STRAP ASSY, DRINKING WATER TANK	2	AC
		(ATTACHING PARTS)		
- 52	MS21044N3	NUT, (ALT PN AN365-1032)	4	AC
- 53	S1080328-2300	PAD, HEAVY CLIP EXTRUDED SYNTHETIC RUBBER	2	AC

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
	CONTINUED			
197 - 54	1203830	PLUG, DRINKING WATER TANK (MAKE FROM MS20913-1D)	1	AC
- 55	AN909B24	PLUG, (ALT PN AN909-24)	1	AC
- 56	MS35769-39	GASKET, (ALT PN AN900-24)	1	AC
- 57	5136139-8	TANK ASSY, DRINKING WATER	1	AC
- 58	AC39D3339	DISPENSER ASSY, PAPER DRINKING CUP	1	AC
		(ATTACHING PARTS)		
	MS35206-232	SCREW, (ALT PN AN526-632-12)	2	AC
	MS21044N06	NUT, (ALT PN AN365-632)	2	AC
	5141627	MOUNT INSTL, ASTRO COMPASS	1	AB
	5188198	MOUNT INSTL, ASTRO COMPASS	1	C
- 59	AN5738-1	COMPASS, (GFAE)	1	AC
- 60	AN5738-2	BASE, (GFAE)	1	AB
	AN5738-2	BASE, (GFAE)	2	C
		(ATTACHING PARTS)		
	MS35207-263	SCREW, (ALT PN AN520-10-8)	3	AB
	MS35207-263	SCREW, (ALT PN AN520-10-8)	4	C
	MS35207-268	SCREW, (ALT PN AN520-10-20)	2	C
	AN960C10	WASHER	3	AB
	MS21044N3	NUT, (ALT PN AN365-1032)	3	AB
	MS21044N3	NUT, (ALT PN AN365-1032)	6	C
- 61	MS21044N3	NUT, (ALT PN AN365-1032)	4	AB
- 62	AN960C10	WASHER	4	AB
- 63	AN520-10R18	SCREW, (ALT PN AN520-10-18)	4	AB
- 64	1141839	TUBE, ASTRO COMPASS SLIDE	2	AB
	NO NUMBER	SCREW, 5/16-18 X 1 (TYPE S) THUMB (45722)	4	C
	AN960C516	WASHER	4	C
	4188164	TUBE ASSY, ASTRO COMPASS MOUNT	1	C
- 65	1141620	SUPPORT, ASTRO COMPASS STA 117	2	AB
- 66	2141619	SUPPORT, ASTRO COMPASS STA 136	2	AB
		(ATTACHING PARTS)		
	MS35207-263	SCREW, (ALT PN AN520-10-8)	8	AB
	AN960C10	WASHER	8	AB
	MS21044N3	NUT, (ALT PN AN365-1032)	1	AB
	5141488	MOUNT ASSY, ASTRO COMPASS SLIDE	1	AB
- 67	2141889	GUIDE, ASTRO COMPASS MOUNT	2	AB
		(ATTACHING PARTS)		
	AN510-10-16	SCREW	4	AB
	AN960D10	WASHER	4	AB
	MS21044N3	NUT, (ALT PN AN365-1032)	4	AB
	MS35426-13	NUT, (ALT PN AN350-1032)	2	AB
	AN960-416	WASHER	2	AB
- 68	PK365-1032	SCREW, 1 IN. THUMB (45722)	2	AB
- 69	4141834	BRACKET ASSY, ASTRO COMPASS SLIDE	1	AB
	PK365-1032	SCREW, 1 IN. THUMB (45722)	2	AB
	AN970-3	WASHER	2	AB
- 70	4141911	BASE, ASTRO COMPASS SLIDE MOUNT	1	AB
- 71	5141618	SUPPORT INSTL, ASTROGRAPH	1	AC
		A 001 THRU 175, 178 THRU 497, 528 THRU 540 AND 555 THRU 558		
		B 498 THRU 502		
		C 176, 177, 503 THRU 527 AND 541		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

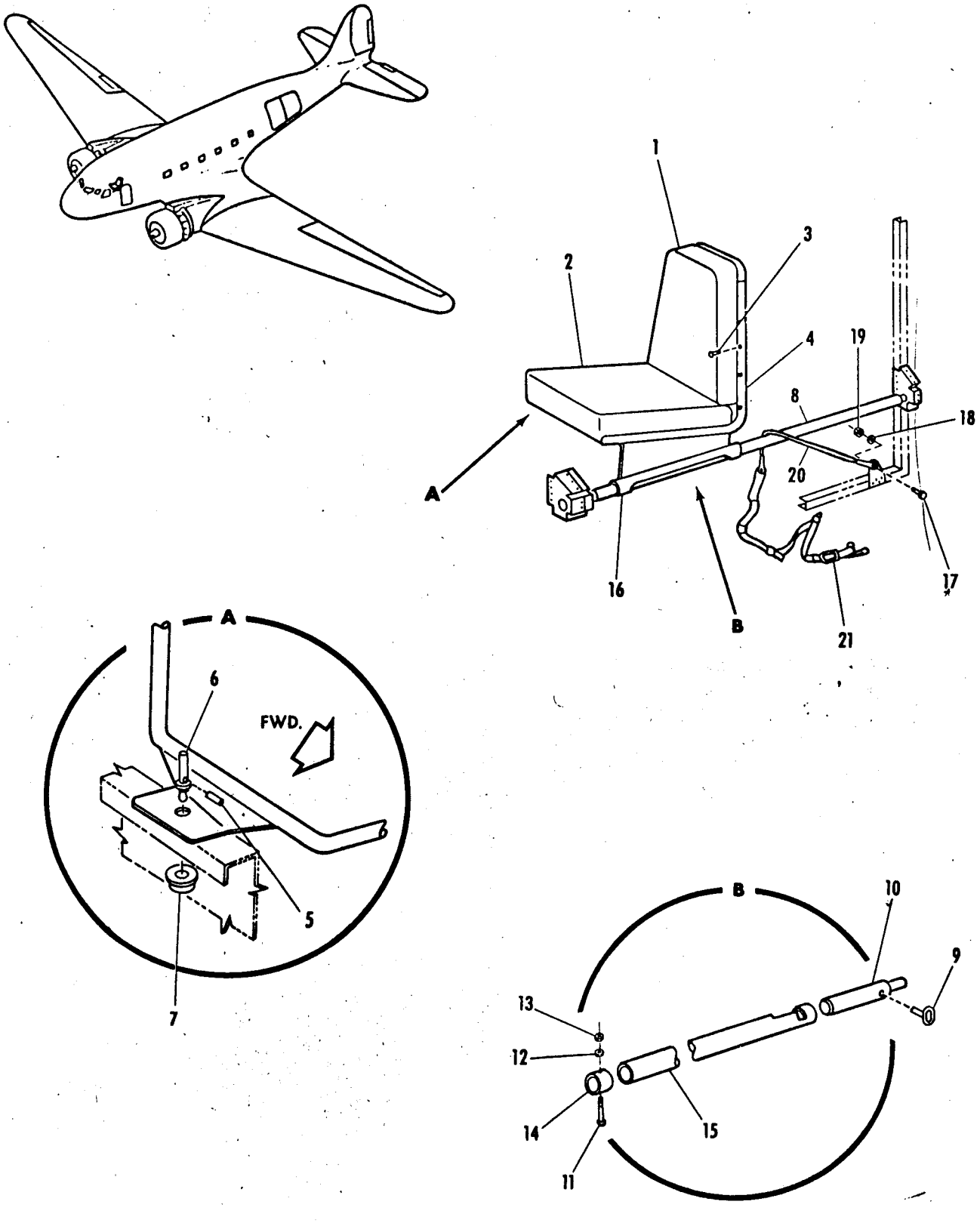

Figure 198. Crew Chief Seat

V4-200

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
198	5188286	SEAT INSTL, CREW CHIEF (SEE FIG. 204 FOR NHA)	REF	A
- 1	4188681	CUSHION ASSY, CREW CHIEF SEAT BACK	1	A
- 2	4188956	CUSHION ASSY, CREW CHIEF SEAT	1	A
- 3	MS24621-30	SCREW, (ALT PN AN530-8R8)	13	A
- 4	5188286-16	PANEL, CREW CHIEF SEAT BACK	1	A
- 5	99799	PIN, CROSS (61864)	1	A
- 6	WL99839-1-140	STUD, (61864)	1	A
- 7	99797P098	RECEPTACLE, STUD (61864)	1	A
- 8	4188957	TUBE ASSY, CREW CHIEF SEAT SUPPORT	1	A
- 9	S132942	EYE, BAGGAGE STRAP ATTACH	1	A
- 10	2189021	PLUNGER, SEAT SUPPORT TUBE	1	A
- 11	MS35206-251	SCREW, (ALT PN AN515-8-24)	1	A
- 12	AN960A8	WASHER	1	A
- 13	MS21044N08	NUT, (ALT PN AN365-832)	1	A
- 14	4188957-2	COLLAR, CREW CHIEF SEAT SUPPORT TUBE	1	A
- 15	4188957-4	TUBE, CREW CHIEF SEAT SUPPORT	1	A
- 16	5188286-12	FRAME ASSY, CREW CHIEF SEAT (WELDED)	1	A
- 17	AN5-7	BOLT	1	A
- 18	AN960D516	WASHER	2	A
- 19	MS21044N5	NUT, (ALT PN AN365-524)	2	A
- 20	S2074410HH1500	CABE ASSY, SWAGED TYPE 3/16 IN. DIAMETER	2	A
- 21	B14	BELT ASSY, SAFETY (GFAE)	1	A
		A 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

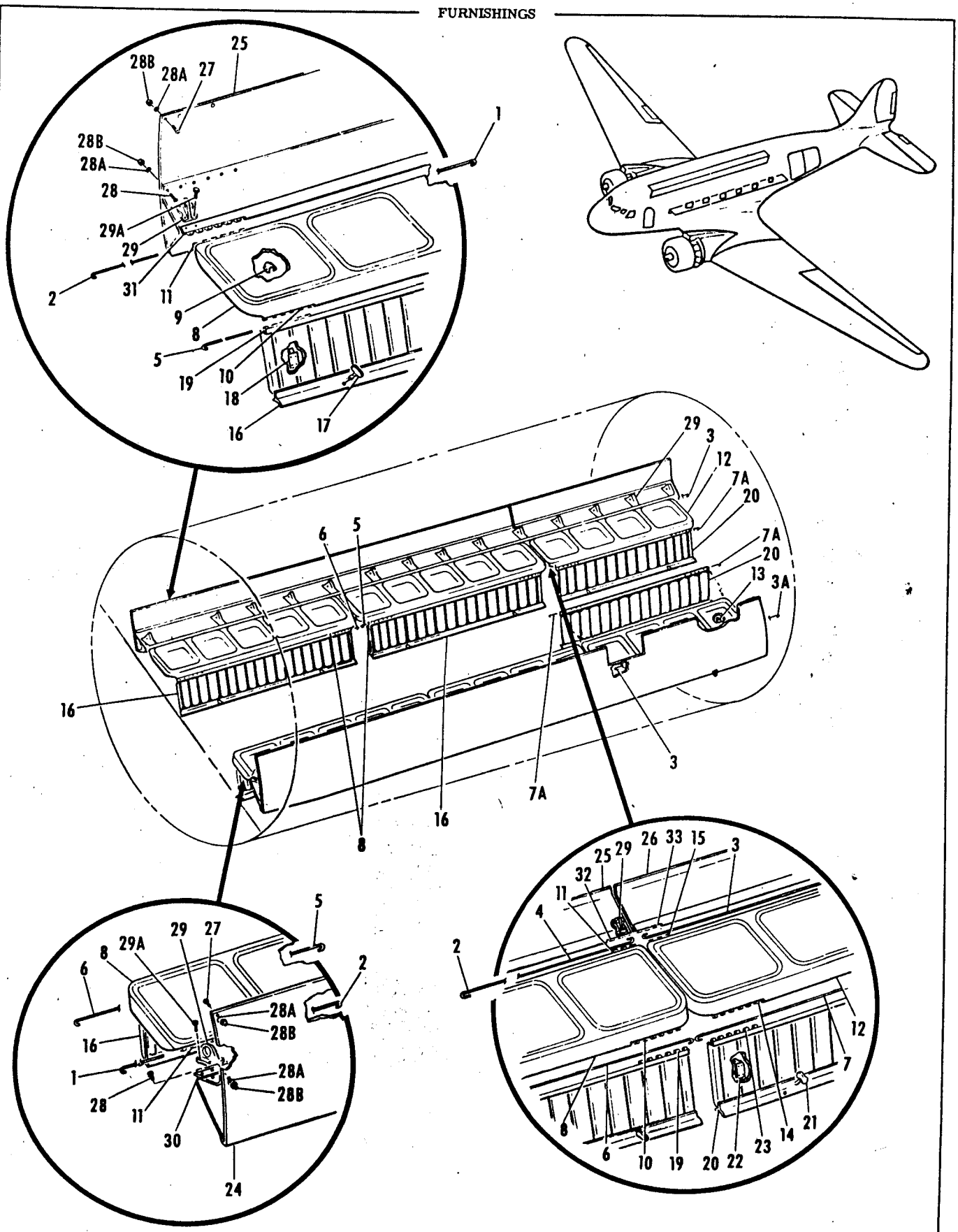

Figure 199. Passenger Folding Bench and Support

V4-196

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
199	5140000	BENCH AND SUPPORT INSTL, PASSENGER FOLDING	REF	A
		(SEE FIG. 16 FOR NHA)		
- 1	S1329935-8-4704	PIN, HOOD HINGE (ALT PN S1000759S081-4704)	2	A
- 2	S1329935-8-4812	PIN, HOOD HINGE (ALT PN S1000759S081-4812)	3	A
- 3	S1329935-8-3704	PIN, HOOD HINGE (ALT PN S1000759S081-3704)	4	A
- 3A	S1329935-8-3812	PIN, HOOD HINGE (ALT PN S1000759S081-3812)	2	A
- 4	S1329935-8-4616	PIN, HOOD HINGE (ALT PN S1000759S081-4616)	1	A
- 5	S1329935-8-4324	PIN, HOOD HINGE (ALT PN S1000759S081-4324)	3	A
- 6	S1329935-8-4216	PIN, HOOD HINGE (ALT PN S1000759S081-4216)	3	A
- 7	S1329935-8-3400	PIN, HOOD HINGE (ALT PN S1000759S081-3400)	3	A
- 7A	S1329935-8-3224	PIN, HOOD HINGE (ALT PN S1000759S081-3224)	3	A
- 8	5113184	BENCH ASSY, PASSENGER FIVE PLACE (ALT PN 5141859).	3	A
	5141859	BENCH ASSY, PASSENGER FIVE PLACE WOOD	3	A
- 9	1115024	CLIP, BENCH LEG CATCH	2	A
- 10	5113184-10	HINGE, BENCH (MAKE FROM S145062BD8412)	1	A
	5141859-8	HINGE, BENCH WOOD (MAKE FROM S145062BD8412)	1	A
- 11	5113184-12	HINGE, BENCH (MAKE FROM S145062AD9500)	1	A
	5141859-10	HINGE, BENCH WOOD (MAKE FROM S145062AD9500)	1	A
- 12	5113195	BENCH ASSY, PASSENGER FOUR PLACE (ALT PN 5141790)	3	A
	5141790	BENCH ASSY, PASSENGER FOUR PLACE WOOD		
- 13	1115024	CLIP, BENCH LEG CATCH	2	A
- 14	5113195-12	HINGE, BENCH (MAKE FROM S121874BD6416)	1	A
	5141790-8	HINGE, BENCH WOOD (MAKE FROM S145062BD6416)	1	A
- 15	5113195-10	HINGE, BENCH (MAKE FROM S145062AD7500)	1	A
	5141790-10	HINGE, BENCH WOOD (MAKE FROM S145062AD7412)	1	A
- 16	3113133	SUPPORT ASSY, LONG BENCH FRONT (ALT PN 5141858)	3	A
	5141858	SUPPORT ASSY, LONG BENCH FRONT WOOD	3	A
- 17	AW5-30	FASTENER, (72794)	2	A
- 18	1115025	TEE, BENCH LEG CATCH (MAKE FROM S1114949-108)	2	A
- 19	3113133-6	HINGE, BENCH SUPPORT (MAKE FROM S145062AD8812)	1	A
	5141858-12	HINGE, BENCH SUPPORT WOOD (MAKE FROM S145062AD8412)	1	A
- 20	3113335	SUPPORT ASSY, SHORT BENCH FRONT (ALT PN 5141857)	3	A
	5141857	SUPPORT ASSY, SHORT BENCH FRONT WOOD	3	A
- 21	AW5-30	FASTENER, (72794)	2	A
- 22	1115025	TEE, BENCH LEG CATCH (MAKE FROM S1114949-108)	2	A
- 23	3113335-6	HINGE, BENCH SUPPORT (MAKE FROM S145062AD6804)	1	A
	5141857-12	HINGE, BENCH SUPPORT (MAKE FROM S145062AD6804)	1	A
	5139920	BEAM INSTL, SEAT SUPPORT LH	1	A
	5139978	BEAM INSTL, SEAT SUPPORT RH	1	A
- 24	5139920-2	BEAM ASSY, SEAT SUPPORT LH	1	A
- 25	5139978-30	BEAM ASSY, SEAT SUPPORT RH FORWARD	1	A
- 26	5139978-32	BEAM ASSY, SEAT SUPPORT RH AFT	1	A
		(ATTACHING PARTS)		
- 27	MS35207-261	SCREW, (ALT PN S1027300-10-6) (USED ON 5139920-2)	53	A
	MS35207-261	SCREW, (ALT PN S1027300-10-6) (USED ON 5139978-30 AND -32)	52	A
- 28	MS35207-262	SCREW, (ALT PN S1027300-10-7) (USED ON 5139920-2)	34	A
	MS35207-262	SCREW, (ALT PN S1027300-10-7) (USED ON 5139978-30 AND -32)	38	A
- 28A	AN960D10	WASHER, (USED ON 5139920-2)	34	A
	AN960D10	WASHER, (USED ON 5139978-30 AND -32)	38	A
- 28B	MS21044N3	NUT, (ALT PN AN365-1032) (USED ON 5139920-2).	83	A
	MS21044N3	NUT, (ALT PN AN365-1032) (USED ON 5139978-30 AND -32)	86	A
	MS21083N3	NUT, (ALT PN AN364-1032)	4	A
- 29	4113017	FITTING, SAFETY BELT ATTACHMENT (MAKE FROM S4113016) (USED ON 5139920-2)	14	A
	4113017	FITTING, SAFETY BELT ATTACHMENT (MAKE FROM S4113016 (USED ON 5139978-30)	11	A
	4113017	FITTING, SAFETY BELT ATTACHMENT (MAKE FROM S4113016) (USED ON 5139978-32)	4	A
		(ATTACHING PARTS)	44	A
- 29A	AN3-5A	BOLT, (USED ON 5139920-2)	56	A
	AN3-5A	BOLT, (USED ON 5139978-30)	44	A
	AN3-5A	BOLT, (USED ON 5139978-32)	14	A
- 30	5139920-32	HINGE, SEAT SUPPORT (MAKE FROM S145062AD9628)	1	A
- 31	5139978-22	HINGE, SEAT SUPPORT (MAKE FROM S145062AD9628)	1	A
	5139920-30	HINGE, SEAT SUPPORT (MAKE FROM S145062AD7628)	1	A
	5139920-28	HINGE, SEAT SUPPORT (MAKE FROM S145062AD1922)	1	A
	5139920-26	HINGE, SEAT SUPPORT (MAKE FROM S145062AD5808)	1	A
- 32	5139978-24	HINGE, SEAT SUPPORT (MAKE FROM S145062AD9608)	1	A
- 33	5139978-26	HINGE, SEAT SUPPORT (MAKE FROM S145062AD7520)	1	A
		A 001 THRU 172, 174, 175, 178 THRU 403, 528 THRU 536 AND 555 THRU 558		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

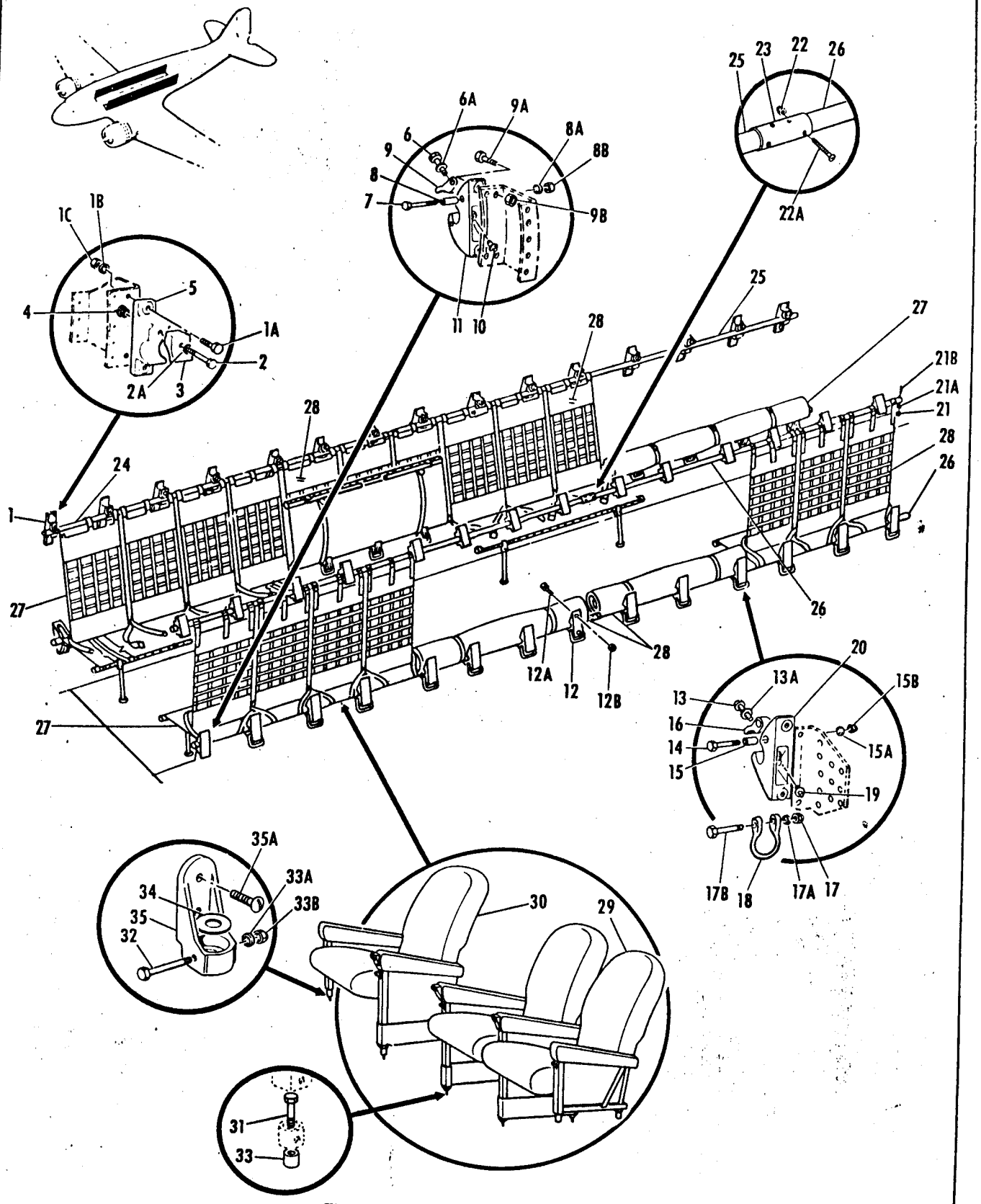

Figure 200. Troop and Passenger Seats

V4-197

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
200		TROOP AND PASSENGER SEATS		
	5189500	SEAT INSTL, CANVAS TYPE TROOP (SEE FIG. 16 FOR NHA)	REF	A
- 1	2238183	CLAMP ASSY, TROOP SEAT BACK SUPPORT	29	A
		(ATTACHING PARTS)		
- 1A	AN3-7A	BOLT	58	A
- 1B	AN960D10	WASHER	58	A
- 1C	MS21044N3	NUT, (ALT PN AN365-1032)	58	A
- 2	AN3-11A	BOLT	1	A
- 2A	AN960-10L	WASHER	1	A
- 3	1238185	CLAMP, TROOP SEAT BACK SUPPORT (MAKE FROM 1239473-500)	1	A
	1238184	BASE ASSY, TROOP SEAT BACK SUPPORT TUBE	1	A
- 4	22ND8-02	NUT, (72962) (ALT PN 22D8-02 (72962))	1	A
- 5	1238184-2	BASE, TROOP SEAT BACK SUPPORT TUBE	1	A
- 6	AN4-14A	BOLT	2	A
- 6A	AN960-416L	WASHER	2	A
- 7	AN3-14A	BOLT	2	A
- 8	S117425-3C102	SPACER	2	A
- 8A	AN960-10L	WASHER	4	A
- 8B	MS21044N3	NUT, (ALT PN AN365-1032)	2	A
- 9	1239110	CLAMP, TROOP SEAT TUBE (MAKE FROM 1239109-500)	2	A
	4239111	FITTING ASSY, TROOP SEAT TUBE CLASS BASE	2	A
		(ATTACHING PARTS)		
- 9A	AN3-7A	BOLT	4	A
- 9B	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
- 10	52ND2398-10-048	NUT, (72962) (ALT PN 42D10-048 (72962))	1	A
- 11	4239111-2	FITTING, TROOP SEAT TUBE CLAMP BASE	1	A
- 12	4238180	CLAMP ASSY, TROOP SEAT TUBE	27	A-
		(ATTACHING PARTS)		
- 12A	AN3-7A	BOLT	54	A
- 12B	MS21044N3	NUT, (ALT PN AN365-1032)	54	A
- 13	AN4-14A	BOLT	1	A
- 13A	AN960-416L	WASHER	1	A
- 14	AN3-14A	BOLT	1	A
- 15	S117425-3C102	SPACER	1	A
- 15A	AN960-10L	WASHER	2	A
- 15B	MS21044N3	NUT, (ALT PN AN365-1032)	1	A
- 16	1239110	CLAMP, TROOP SEAT TUBE (MAKE FROM 1239109-500)	1	A
- 17	AN310-3	NUT	1	A
- 17A	AN960-10L	WASHER	3	A
- 17B	AN3-16	BOLT	1	A
- 18	1238182	RING, TROOP SEAT TUBE CLAMP BASE	1	A
	4239111	FITTING ASSY, TROOP SEAT TUBE CLAMP BASE	1	A
- 19	52ND2398-10-048	NUT, (72962) (ALT PN 42N10-048 (72962))	1	A
- 20	4239111-2	FITTING, TROOP SEAT TUBE CLAMP BASE	1	A
- 21	MS21044N3	NUT	2	A
- 21A	AN960D10	WASHER	2	A
- 21B	MS35207-268	SCREW, (ALT PN AN520-10-20)	2	A
- 22	MS21044N3	NUT, (ALT PN AN365-1032)	16	A
- 22A	MS35207-269	SCREW, (ALT PN AN520-10-24)	16	A
- 23	1189631	TUBE, SEAT SUPPORT	4	A
- 24	2189502-2	TUBE, CANVAS SEAT ATTACH WALL	4	A
- 25	2189502-4	TUBE, CANVAS SEAT ATTACH WALL	2	A
- 26	2189502-6	TUBE, CANVAS SEAT ATTACH WALL	2	A
- 27	AC200553	SEAT ASSY, FOUR MAN CANVAS TROOP (21102)	3	A
- 28	AC200289	SEAT ASSY, THREE MAN CANVAS TROOP (21102)	5	A
	AC201430	CLAMP ASSY, CANVAS SEAT (21102) (SEE T.O. 1C-1-54)	8	A
	5188283	SEAT INSTL, PASSENGER (SEE FIG. 16 FOR NHA)	REF	B
- 29	305A2	CHAIR ASSY, PASSENGER DOUBLE (83945)	7	B
- 30	305A1	CHAIR ASSY, PASSENGER SINGLE (83945) (DRILL ON INSTL)	7	B
		(ATTACHING PARTS)		
- 31	AN4-13A	BOLT	42	B
- 32	AN25-28A	BOLT	28	B
- 33	NAS43DD8-44	SPACER, (ALT PN S2033901-10D257-22)	42	B
- 33A	AN960-416L	WASHER	42	B
- 33B	MS21083N5	NUT, (ALT PN AN364-524)	28	B
- 34	1162735	DISC, CABIN CHAIR SUPPORT	28	B
- 35	4160418-2	FITTING, PASSENGER SEAT OUTBOARD ATTACH	28	B
		(ATTACHING PARTS)		
- 35A	MS27039-1-12	SCREW, (ALT PN S1029657P10-12)	56	B
		A 173, 176, 177, 404 THRU 527 AND 537 THRU 541		
		B 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

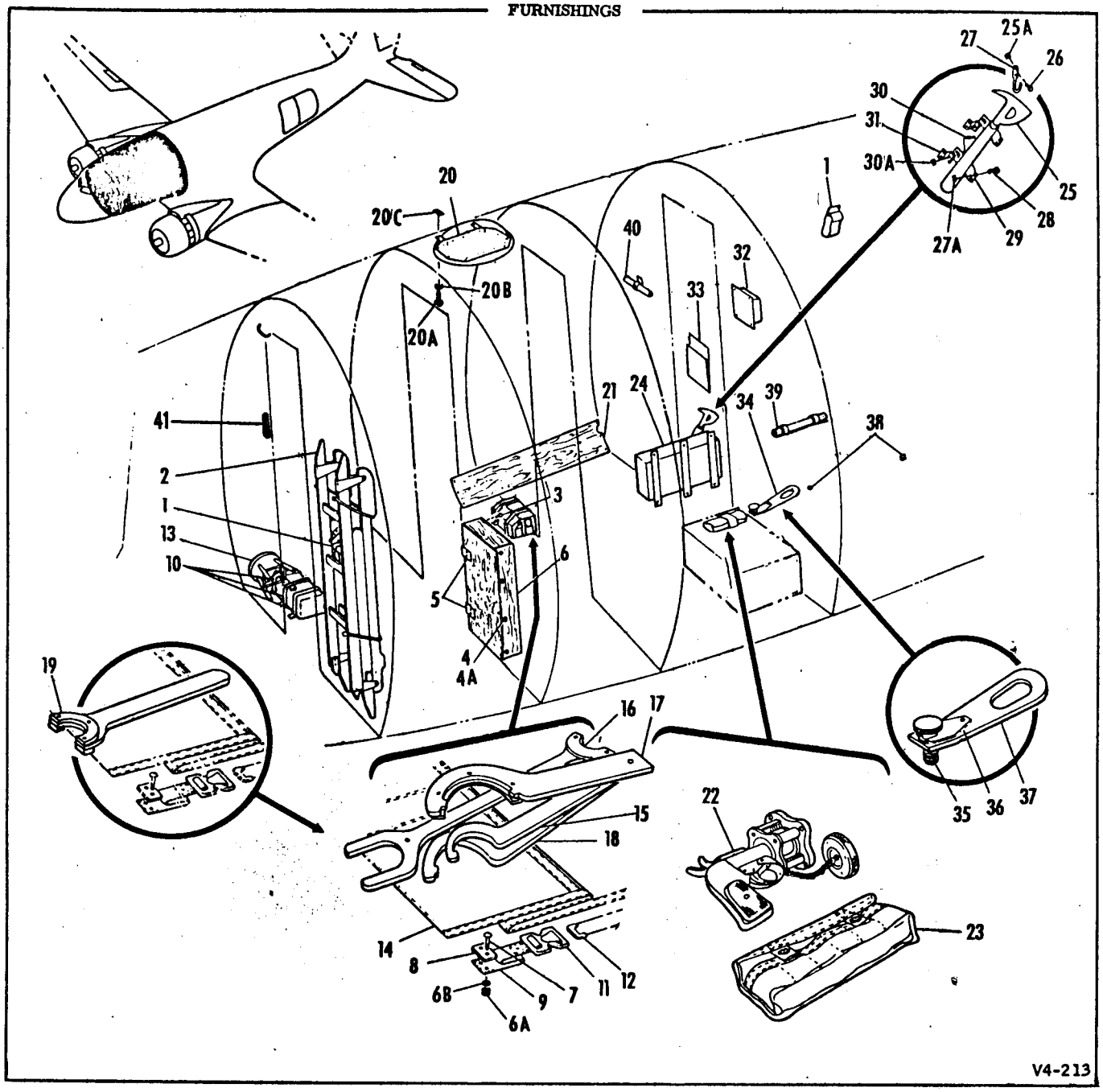

Figure 201. Large Door and Main Cargo Compartment Lining and Equipment

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
201	5139976	LINING AND EQUIPMENT INSTL, LARGE DOOR MAIN CARGO COMPARTMENT (SEE FIG. 16 FOR NHA)	REF	A
	5142309	LINING AND EQUIPMENT INSTL, MAIN CARGO COMPARTMENT (SEE FIG. 16 FOR NHA)	REF	BE
- 1	99517	KIT ASSY, SURGICAL (GFAE)	10	AE
- 2	5141281	LADDER INSTL, EMERGENCY WOOD (SEE FIG. 206 FOR DETAILS)	1	AE
	5141951	BOX ASSY, DEFROSTING WINDOW STOWAGE (ATTACHING PARTS)	1	AE
- 3	AC331-10-8	SCREW	4	A
- 4	MS24621-32	SCREW, (ALT PN AN530-8-12)	4	A
- 4A	NAS446-4-1	NUT, (ALT PN 1778M1 (78553)) (USED WITH MS24621-32)	4	A

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
201				
- 5	5141951-22	STRAP ASSY, DEFROSTING WINDOW STOWAGE BOX	2	AE
- 6	5141951-24	BOX ASSY, DEFROSTING WINDOW STOWAGE	1	AE
- 6A	MS21044N08	NUT, (ALT PN AN365-832)	8	A
	MS21044N08	NUT, (ALT PN AN365-832)	12	BE
- 6B	AN960D8	WASHER, (ALT PN AN960A8)	8	A
	AN960D8	WASHER, (ALT PN AN960A8)	12	BE
- 7	MS35206-245	SCREW, (ALT PN AN515-8-8)	8	A
	MS35206-245	SCREW, (ALT PN AN515-8-8)	12	BE
- 8	1130255	PLATE, ENGINE TOOL KIT STOWAGE STRAP SUPPORT	4	A
	1130255	PLATE, ENGINE TOOL KIT STOWAGE STRAP SUPPORT	6	BE
- 9	2119797-1	STRAP ASSY, ENGINE COVER STOWAGE	2	A
- 10	2119797-1	STRAP ASSY, ENGINE COVER STOWAGE	3	BE
- 11	3105-1	BUCKLE ASSY, (76786) (ALT PN 105-1 (76786))	1	AE
- 12	NAS1127-8	TIP, STRAP (ALT PN 3-1 (76786))	1	AE
- 13	B101	STOOL ASSY, NAVIGATOR (71236)	1	BE
- 14	2119795	KIT ASSY, HYDRAULIC TOOL (SEE T.O. 1C-47-203)	1	AE
	5203280	KIT ASSY, COMPLETE EMERGENCY REPAIR	1	E
- 15	2131397	WRENCH, HYDRAULIC HAND PUMP PACKING NUT	1	AB
- 16	4132023	WRENCH ASSY, LANDING GEAR RETRACTING STRUT AND WING FLAP STRUT PACKING NUT	1	AB
- 17	4132021	WRENCH ASSY, TAIL WHEEL SHOCK STRUT PACKING NUT	1	AE
- 18	4131638	WRENCH ASSY, MAIN LANDING GEAR SHOCK STRUT PACKING ADJUSTING COLLAR	1	AE
- 19	4324129	WRENCH ASSY, LANDING GEAR RETRACTING STRUT PACKING NUT	1	C
	59150A	TOOL, STANDARD PROPELLER (73030)	1	A
	5140122	HOOD INSTL, BLIND FLYING	1	AE
	5140019	HOOD ASSY, BLIND FLYING	1	AE
	45-7670	KIT ASSY, RADIO OPERATOR REPAIR (GFAE)	1	A
	45-7565	KIT ASSY, CREW CHIEF TOOL (GFAE)	1	A
	4119798	KIT ASSY, PROPELLER TOOL	1	A
- 20	4143976	CURTAIN ASSY, NAVIGATOR DOME BLACKOUT (ATTACHING PARTS)	1	BE
- 20A	MS24621-17	SCREW, (ALT PN AN530-6-6)	2	BE
- 20B	AN960-8	WASHER	2	BE
- 20C	A1777-6Z1	NUT, (78553) (ALT PN 1777M1 (78553))	2	BE
- 21	5130281	PLATE, RADIO COMPARTMENT SCUFF STA 136 TO 171	1	A
	5142081	PLATE INSTL, RADIO COMPARTMENT KICK STA 136 TO 177	1	BE
- 22	7265657	PISTOL ASSY, PYROTECHNIC MB (GFAE)(TYPE AN-M8)	1	BE
	43G7044	HOLDER ASSY, PISTOL (TYPE A2) (GFAE)	1	BE
- 23	H42G11969	HOLDER ASSY, FLARE (TYPE A8) (GFAE)	1	BE
	AN-M3	GRENADE ASSY, SMOKE (GFAE)	2	BE
	HC-AN-M8	GRENADE ASSY, SMOKE (GFAE)	2	BE
- 24	4189593	BAG ASSY, SMOKE GRENADE	1	BE
	5142369	AXE INSTL, FIRE EMERGENCY	1	BE
- 25	56D6221	AXE ASSY, FIREMAN HAND (70677)	1	BE
- 25A	MS21044N06	NUT, (ALT PN AN365-632)	2	BE
- 26	MS35206-230	SCREW, (ALT PN AN515-6-8)	2	BE
- 27	S141905	HOOK, MICROPHONE	1	BE
- 27A	6065-67	NUT, SPEED (78553)	8	BE
- 28	MS24621-18	SCREW, (ALT PN AN530-6-8)	8	BE
- 29	1142366	STRAP ASSY, FIRE AXE STOWAGE	2	BE
	1142393	BRACKET ASSY, FIRE AXE STOWAGE	2	BE
- 30	16331	STUD, (61864)	1	BE
- 30A	NAS446-4-1	NUT, (ALT PN 1778-8Z (78553))	1	BE
- 31	1142393-2	BRACKET, FIRE AXE STOWAGE (MAKE FROM S1018327-100)	1	BE
	5139624	CABLE AND FLOOR INSTL, ANCHORAGE AND NONSKID (SEE FIG. 205 FOR DETAILS)	1	AE
- 32	97765	KIT ASSY, FIRST AID (GFAE)	1	AE
	42G746	KIT ASSY, AERONAUTICAL FIRST AID (GFAE) (SEE T.O. 1A-1-20 AND T.O. 1C-1-468)	1	AE
- 33	2119796	HOLDER ASSY, WIRING DIAGRAM	1	AE
- 34	4113465	RING ASSY, SNATCH BLOCK FRONT ATTACH	1	AE
- 35	1113462	BOLT, ATTACH RING	1	AE
- 36	1113463	CLIP, ATTACH RING	1	AE
- 37	4113464	RING, ATTACH	1	AE
- 38	2140272	RING, CARGO TIEDOWN (MAKE FROM S4160528)	8	AE
	SS50727K2215	BUTTON ASSY, PLUG (61864) (ALT PN 50727 (61864))	12	BE
- 39	2143979	CURTAIN ASSY, NAVIGATOR WINDOW BLACKOUT	1	BE
- 40	2143978	CURTAIN ASSY, RADIO OPERATOR WINDOW BLACKOUT	1	BE
- 41	E811	COMPUTER, LOAD	1	F
	E831	COMPUTER, LOAD	1	G
	E836	COMPUTER, LOAD	1	H

A 026, 027
B 028 THRU 056, 149 THRU 175, 178, 210 THRU 502 528 THRU 540 AND 555 THRU 558
C 176, 177, 503 THRU 527 AND 541
D 001 THRU 025, 057 THRU 063, 075 THRU 148 AND 179 THRU 209
E 064 THRU 074
F ALL VC AND STAFF C-47
G ALL OTHER C-47A/B
H ALL C-117

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

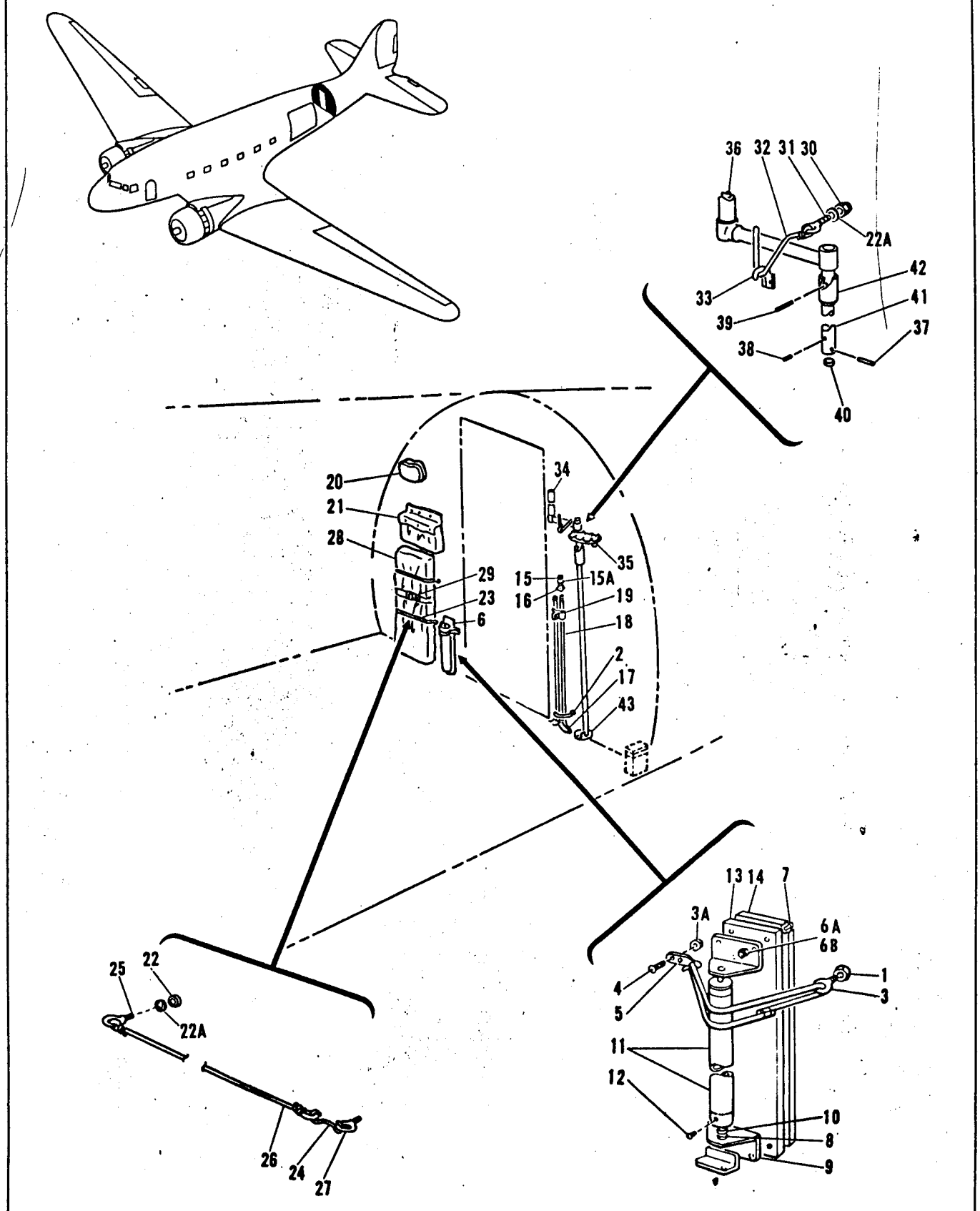

Figure 202. Large Door and Main Cargo Compartment Lining and Equipment

V4-214

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
202	5139976	LINING AND EQUIPMENT INSTL, LARGE DOOR MAIN CARGO COMPARTMENT (SEE FIG. 16 FOR NHA)	REF	A
	5142309	LINING AND EQUIPMENT INSTL, MAIN CARGO COMPARTMENT (SEE FIG. 16 FOR NHA)	REF	BC
- 1	MS21044N4	NUT, (ALT PN AN365-428)	2	AC
- 2	2140200	CORD ASSY, LARGE DOOR CARGO WINCH DEFLECTOR STOWAGE	2	AC
- 3	S132942	EYE, BAGGAGE STRAP ATTACH	1	AC
- 3A	A1777-6Z1	NUT, (78553) (ALT PN 1777M1 (78553))	4	AC
- 4	MS24621-18	SCREW, (ALT PN AN530-6-8)	4	AC
- 5	S141905	HOOK, MICROPHONE	1	AC
- 6	4140111	DEFLECTOR ASSY, LARGE DOOR CARGO WINCH CABLE SECONDARY	1	AC
- 6A	MS21044N3	NUT, (ALT PN AN365-1032)	6	AC
- 6B	AN960-10L	WASHER	6	AC
- 7	MS35207-266	SCREW, (ALT PN AN526-1032-14)	6	AC
	4140110	BRACKET ASSY, LARGE DOOR CARGO WINCH CABLE SECONDARY DEFLECTOR	2	AC
- 8	1140107	BUSHING, LARGE DOOR CARGO WINCH CABLE SECONDARY DEFLECTOR	1	AC
- 9	4140110-2	BRACKET, LARGE DOOR CARGO WINCH CABLE SECONDARY DEFLECTOR	1	AC
- 10	AN960-516L	WASHER	2	AC
- 11	2140109	TUBE ASSY, LARGE DOOR CARGO WINCH CABLE SECONDARY DEFLECTOR	1	AC
- 12	MS21318-15	SCREW, (ALT PN AN535-2-4)	1	AC
- 13	2140145	BASE, LARGE DOOR CARGO WINCH CABLE SECONDARY DEFLECTOR BRACKET	1	AC
- 14	4140111-2	PAD, LARGE DOOR CARGO WINCH CABLE SECONDARY DEFLECTOR	1	AC
	2140682	LINK ASSY, LANDING GEAR OLEO STRUT RESTRAINING	2	AC
- 15	AN315-6R	NUT	2	AC
- 15A	AN960-616	WASHER	2	AC
- 16	1140680	BLOCK ASSY, LANDING GEAR OLEO STRUT RESTRAINING LINK	1	AC
- 17	2140681	BRACKET, LANDING GEAR OLEO STRUT RESTRAINING LINK	1	AC
- 18	1140679	ROD, LANDING GEAR OLEO STRUT RESTRAINING LINK	1	AC
- 19	S183637	FASTENER, DOOR CATCH	2	AC
- 20	97765	KIT ASSY, FIRST AID (GFAE)	1	AC
- 21	4140694	HOLDER ASSY, ENLARGED ACCESSORY	1	AC
- 22	MS21044N3	NUT, (ALT PN AN365-1032)	4	AC
- 22A	AN960D10	WASHER	6	AC
- 23	2135403-1	CORD ASSY, STEP AND ENGINE COVER STOWAGE	2	AC
- 24	S1000752	HOOK, SHOCK CORD END OPEN	1	AC
- 25	1135643	EYEBOLT, BULKHEAD STOWAGE (MAKE FROM 2191 (79577))	1	AC
- 26	2135403-2	CORD, STEP AND ENGINE COVER STOWAGE	1	AC
- 27	1135643	EYEBOLT, BULKHEAD STOWAGE (MAKE FROM 2191 (79577))	2	AC
- 28	5131301	COVER ASSY, ENGINE	2	AC
- 29	105	BUCKLE ASSY, (76786)	1	AC
- 30	MS21044N3	NUT, (ALT PN AN365-1032)	2	AC
	1135140	CORD ASSY, STARTER HAND CRANK STOWAGE	1	AC
- 31	1135643	EYEBOLT, BULKHEAD STOWAGE (MAKE FROM 2191 (79577))	2	AC
- 32	1135140-2	CORD, STARTER HAND CRANK STOWAGE	1	AC
- 33	S141905	HOOK, MICROPHONE	1	AC
- 34	845-1	CRANK ASSY, (31435)	1	AB
- 35	1045	BOX ASSY, GEAR (31435)	1	AB
	4131849	SHAFT ASSY, STARTER HAND CRANK	1	C
- 36	EA57431-1	CRANK ASSY, (GFAE)	1	C
	4131849-8	TUBE ASSY, STARTER HAND CRANK SHAFT	1	C
- 37	S146142-283-108	PIN	1	C
- 38	4131849-6	PIN, STARTER HAND CRANK SHAFT TUBE	1	C
- 39	S146142-316-108	PIN	1	C
- 40	4131849-4	PLUG, STARTER HAND CRANK SHAFT TUBE	1	C
- 41	4131849-2	TUBE, STARTER HAND CRANK SHAFT	1	C
- 42	2140062	SLEEVE, STARTER HAND CRANK	1	C
- 43	2132572	BASE, STARTER HAND CRANK STOWAGE	1	C

A 026, 027
B 002 THRU 025, 028 THRU 541 AND 555 THRU 558
C 001

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

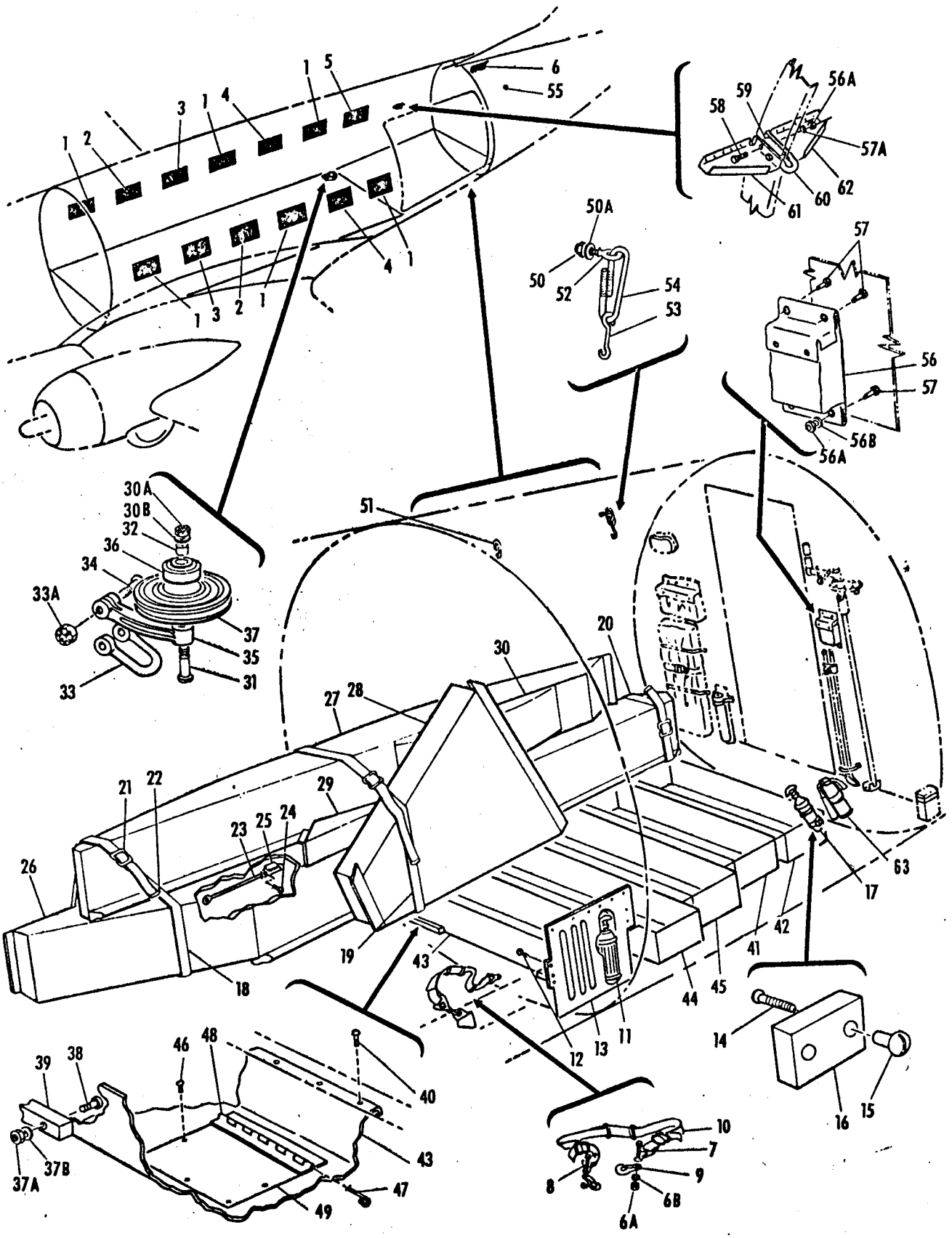

Figure 203. Large Door and Main Cargo Compartment Lining and Equipment

V4-215

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
203	5139976	LINING AND EQUIPMENT INSTL, LARGE DOOR MAIN CARGO COMPARTMENT (SEE FIG. 16 FOR NHA)	REF	A
	5142309	LINING AND EQUIPMENT INSTL, MAIN CARGO COMPARTMENT (SEE FIG. 16 FOR NHA)	REF	BG
- 1	4143975-2	CURTAIN ASSY, CABIN WINDOW BLACKOUT	6	B,F
	4205422	CURTAIN ASSY, CABIN WINDOW BLACKOUT	8	CD,G
- 2	4143975-4	CURTAIN ASSY, CABIN WINDOW BLACKOUT	2	B,F
- 3	4143975-6	CURTAIN ASSY, CABIN WINDOW BLACKOUT	2	B,F
	4205394	CURTAIN ASSY, CABIN WINDOW BLACKOUT STA 273 TO 294 LH	1	CD,G
	4205394-1	CURTAIN ASSY, CABIN WINDOW BLACKOUT STA 273 TO 294 RH	1	CD,G
- 4	4143977	CURTAIN ASSY, AUXILIARY EXIT BLACKOUT	2	B,F
	4205397	CURTAIN ASSY, AUXILIARY EXIT BLACKOUT LH	1	CD,G
	4205397-1	CURTAIN ASSY, AUXILIARY EXIT BLACKOUT RH	1	CD,G
- 5	4143974	CURTAIN ASSY, CABIN WINDOW AFT BLACKOUT	1	BG
- 6	2202160	CURTAIN, LAVATORY BLACKOUT	1	BG
	5110542	WINDOW INSTL, CABIN (SEE FIG. 37 FOR DETAILS)	1	AG
	5110541	LITTER INSTL, (SEE FIG. 281 FOR DETAILS)	1	H
	5203604	LITTER INSTL, STRAP TYPE (SEE FIG. 281 FOR DETAILS)	1	CD,G
- 6A	AN320-4	NUT	29	AG
- 6B	AN960-416	WASHER	29	AG
- 7	AN4-11	BOLT	25	AG
- 8	AN4-7	BOLT	4	G
- 9	S2114852	HOOK ASSY, SAFETY BELT	29	AG
- 10	54H19651	BELT ASSY, SAFETY (TYPE MD-2) (42 IN. LONG) (GFAE)	27	J
- 11	C21P	EXTINGUISHER ASSY, FIRE (01317)	1	A
	5139912	SUPPORT INSTL, FUSELAGE PANEL	1	AG
- 12	MS35207-263	SCREW, (ALT PN S1027300-10-8)	15	AG
- 13	5139912-2	PANEL ASSY, FUSELAGE SUPPORT	1	AG
- 14	AN507-1032R8	SCREW	4	BG
- 15	S1011536-1	SCREW, BRAZIER HEAD FEMALE 10 X 32	4	BG
- 16	1203694	SPACER, FIRE EXTINGUISHER BRACKET	2	BG
- 17	A20-0-51	EXTINGUISHER ASSY, FIRE (TYPE A-20) (GFAE) (ALT PN 13X13261) (SEE T.O. 1C-1-67)	1	AG
	13X13261	EXTINGUISHER ASSY, FIRE (TYPE A-20) (GFAE) (SEE T.O. 1C-1-67)	1	AG
	5142197	HEATER INSTL, AUXILIARY (SEE FIG. 205 FOR DETAILS)	1	BG
- 18	2140817-6	STRAP ASSY, LOADING RAMP STORAGE	1	AG
- 19	2140817-4	STRAP ASSY, LOADING RAMP STORAGE	1	AG
- 20	2140817-2	STRAP ASSY, LOADING RAMP STORAGE	1	AG
- 21	3105-1	BUCKLE ASSY, (76786) (ALT PN 105-1 (76786))	1	AG
- 22	1	END, STRAP (76786)	1	AG
	5140177	RAMP ASSY, EQUIPMENT LOADING	1	AG
- 23	5140177-26	HOOK, EQUIPMENT LOADING RAMP (LONG TRACK)	1	AG
- 24	S2656010-8-10	SCREW, 100 DEGREES RECESSED FLAT HEAD SHEET METAL (ALT PN S1114189A8-10)	2	AG
- 25	1142777	CLIP, RAMP SECURING HOOK	1	AG
- 26	5140177-14	TRACK ASSY, EQUIPMENT LOADING RAMP LONG	1	AG
- 27	5140177-16	TRACK ASSY, EQUIPMENT LOADING RAMP SHORT	1	AG
- 28	5140177-18	PLATFORM ASSY, EQUIPMENT LOADING RAMP LONG	1	AG
- 29	5140177-20	PLATFORM ASSY, EQUIPMENT LOADING RAMP SHORT	1	AG
- 30	5140177-22	BLOCK ASSY, EQUIPMENT LOADING RAMP MOTORCYCLE	1	AG
- 30A	AN320-6	NUT	1	AG
- 30B	AN960-616	WASHER	1	AG
- 31	AN26-30	BOLT	1	AG
- 32	S1026614-6-115	SPACER, DD BEARING	1	AG
- 33	1141219	SHACKLE, CHAIR DEFLECTOR	1	AG
	4140685	DEFLECTOR ASSY, RELOCATED PRIMARY	1	AG
- 33A	AN320-10	NUT	1	AG
- 34	AN30-29	BOLT	1	AG
- 35	2112874	ARM, CARGO DEFLECTOR SHEAVE SUPPORT (MAKE FROM 2112875)	1	AG
	4113219	SHEAVE ASSY, CARGO CABLE 5 IN. DEFLECTOR	1	AG
- 36	K10	BEARING ASSY, (21335)	1	AG
- 37	4113219-2	SHEAVE, CARGO CABLE 5 IN. DEFLECTOR	1	AG
	5140257	BOX INSTL, LITTER STOWAGE	1	H
- 37A	MS21044N08	NUT, (ALT PN AN365-832)	4	H
- 37B	AN960-8	WASHER	4	H
- 38	AN526-832R18	SCREW	4	H
- 39	2140343	BLOCK, LITTER STOWAGE BOX SPACER	2	H
- 40	MS24621-17	SCREW, (ALT PN AN530-6-6)	70	H
- 41	5140262-2	BOX ASSY, LITTER STOWAGE STA 492 TO 506	1	H
- 42	5140262-4	BOX ASSY, LITTER STOWAGE STA 506 TO 520	1	H
- 43	5140263-2	BOX ASSY, LITTER STOWAGE STA 450 TO 465	1	H
- 44	5140263-4	BOX ASSY, LITTER STOWAGE STA 465 TO 479	1	H
- 45	5140263-6	BOX ASSY, LITTER STOWAGE STA 479 TO 492	1	H
- 46	MS24621-30	SCREW, (ALT PN AN530-8-8) (USED WITH 5140263-2 AND -4)	10	H
- 47	S121873S081-1200	PIN, SAFETY (USED WITH 5140263-2 AND -4)	2	H
- 48	5140263-26	HINGE, LITTER STOWAGE (MAKE FROM S145062S1208) (USED WITH 5140263-2 AND -4)	2	H
- 49	5140263-24	DOOR, LITTER STOWAGE BOX (USED ON 5140263-2 AND -4)	4	AQ
- 50	MS21044N3	NUT, (ALT PN AN365-1032)	4	AG
- 50A	AN960D10	WASHER	4	AG
- 51	2139421	CORD ASSY, REMOVABLE CARGO DOOR STOWAGE	1	AG
- 52	1135643	EYEBOLT, BULKHEAD STOWAGE (MAKE FROM 2191 (79577))	1	AG
- 53	S1000752	HOOK, SHOCK CORD END OPEN	1	AG
- 54	2139421-2	CORD, REMOVABLE CARGO DOOR STOWAGE	1	AG
	4140694 *	HOLDER ASSY, ENLARGED ACCESSORY	1	AG
	1139485 *	PLATE, TAIL MOORING ANCHOR		

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
203	S132100-6-11A *	BOLT, SPECIAL	8	AG
	AN960D616 *	WASHER	8	AG
	*	WASHER, (PN S143908-018S100-015)	4	AG
	1139190 *	PAD, CENTER SECTION WING JACKING	2	AG
	42B6927 *	ADAPTER ASSY, EXTERNAL BATTERY RECEPTACLE (GFAE)	1	A
- 55	S1047635	SEAL, 1/2 X 7/8 BULB ANGLE CUTOUT RUBBER	36	AG
	NO NUMBER	BAG ASSY, DROP MESSAGE (TYPE 1-A) (GFAE)	5	EG
	NO NUMBER	KIT ASSY, CARGO TIEDOWN (STYLE B) (GFAE)	1	BG
	51J3817	HARNESS ASSY, (GFAE) (SEE T.O. 1C-47-512)	1	AG
- 56	55E19600	BAG ASSY, HARNESS (GFAE) (SEE T.O. 1C-47-512)	1	AG
- 56A	MS21044N3	NUT, (ALT PN AN365-1032) (SEE T.O. 1C-47-512)	6	AG
- 56B	AN960RD10L	WASHER, (SEE T.O. 1C-47-512)	4	AG
- 57	AN227-25L	STUD, (SEE T.O. 1C-47-512)	4	AG
- 57A	AN960PD10	WASHER, (SEE T.O. 1C-47-512)	2	AG
- 58	AN3C14A	BOLT, (SEE T.O. 1C-47-512)	2	AG
- 59	56A79128	SPACER, (GFAE) (SEE T.O. 1C-47-512)	1	AG
- 60	55B79435	HANGER, (GFAE) (SEE T.O. 1C-47-512)	1	AG
- 61	56C79127L	BRACKET, (GFAE) (SEE T.O. 1C-47-512)	1	AG
- 62	56C79127R	BRACKET, (GFAE) (SEE T.O. 1C-47-512)	1	AG
- 63	1833267	EXTINGUISHER, FIRE	1	A
		A 026 AND 027		
		B 028 THRU 045, 555 AND 558		
		C 046 THRU 056, 149 THRU 172, 174, 175, 210 THRU 403, 528 THRU 536, 556 AND 557		
		D 173, 176, 177, 404 THRU 527 AND 537 THRU 541		
		E 001 THRU 006		
		F 007 THRU 025, 057 THRU 092, 146 THRU 148 AND 178		
		G 093 THRU 145 AND 179 THRU 209		
		H 001 THRU 045, 057 THRU 092, 146 THRU 148, 178, 555 AND 558		
		J 001 THRU 006, 026, 027, 046 THRU 056, 093 THRU 145, 149 THRU 172, 174, 175 AND 179 THRU 403		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		
		* FURNISHED AS LOOSE EQUIPMENT STORED IN 4140694 HOLDER ASSY	1	

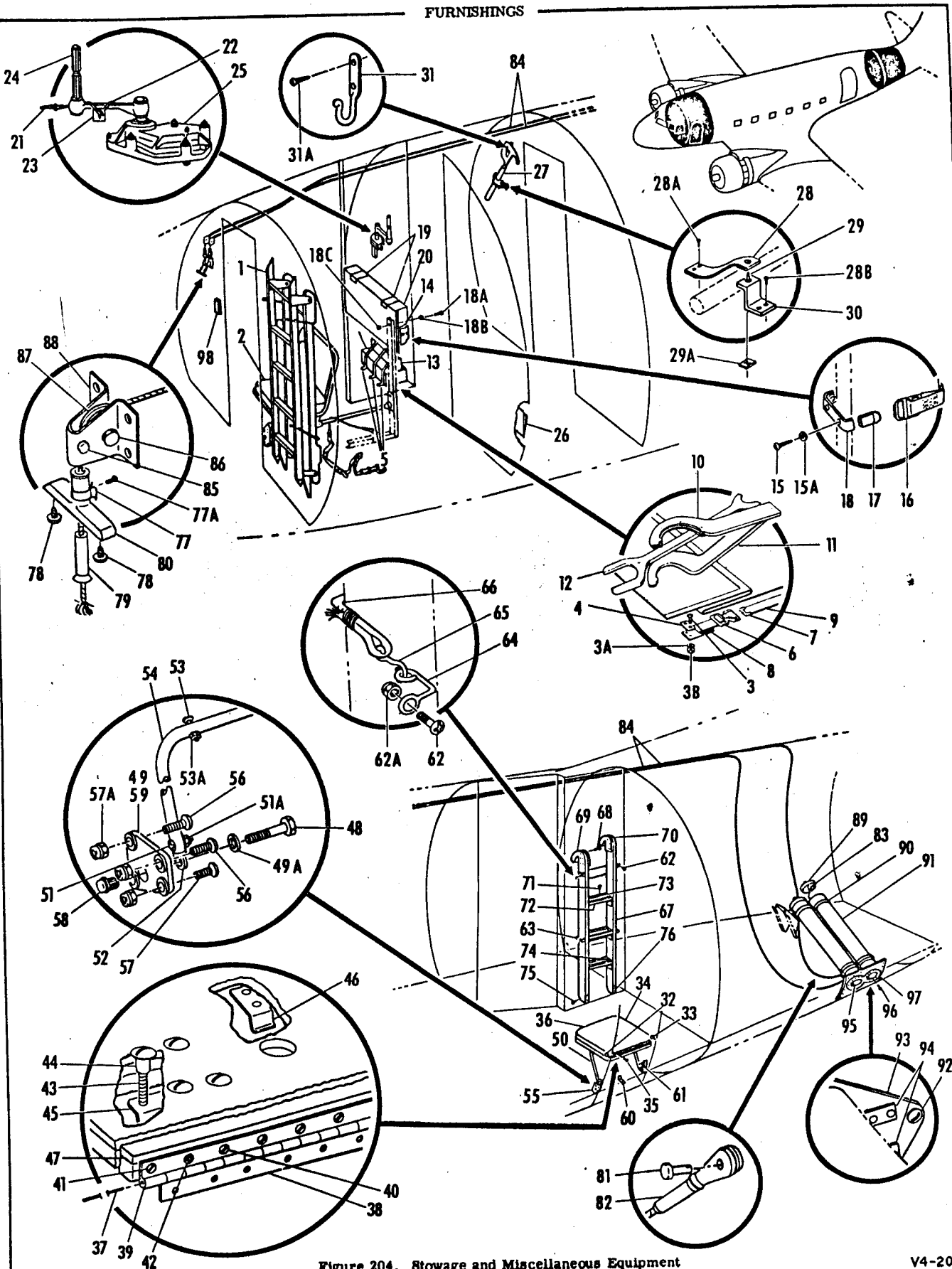

Figure 204. Stowage and Miscellaneous Equipment

V4-208

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
204	5188241	EQUIPMENT INSTL, STOWAGE AND MISCELLANEOUS (SEE FIG. 16 FOR NHA)	REF	A
- 1	5141281	LADDER INSTL, EMERGENCY WOOD (SEE FIG. 206 FOR DETAILS)	1	A
- 2	5188286	SEAT INSTL, CREW CHIEF (SEE FIG. 198 FOR DETAILS)	1	A
- 3	MS35206-245	SCREW, (ALT PN AN515-8-8)	12	A
- 3A	AN960D8	WASHER, (ALT PN AN960A8)	12	A
- 3B	MS21044N08	NUT, (ALT PN AN365-832)	12	A
- 4	1130255	PLATE, ENGINE TOOL KIT STOWAGE STRAP SUPPORT	6	A
- 5	2119797-1	STRAP ASSY, ENGINE COVER STOWAGE	3	A
- 6	3105-1	BUCKLE ASSY, (76786) (ALT PN 105-1 (76786))	1	A
- 7	NAF1127-8	TIP, STRAP (ALT PN 3-1 (76786))	1	A
- 8	2119797-3	STRAP, ENGINE COVER STOWAGE	1	A
- 9	2119797-4	STRAP, ENGINE COVER STOWAGE	1	A
- 10	4132021	WRENCH ASSY, TAIL WHEEL SHOCK STRUT PACKING NUT	1	A
- 11	4131638	WRENCH ASSY, MAIN LANDING GEAR SHOCK STRUT PACKING ADJUSTING COLLAR	1	A
- 12	4324129	WRENCH ASSY, LANDING GEAR RETRACTING STRUT PACKING NUT	1	A
	1139485	PLATE, TAIL MOORING ANCHOR	1	A
	1139190	PAD, CENTER SECTION WING JACKING	2	A
- 13	2119795	KIT ASSY, HYDRAULIC TOOL	1	A
	H42B10666	PISTOL ASSY, PYROTECHNIC (GFAE)	1	A
	43G7044	HOLDER ASSY, PISTOL (GFAE)	1	A
	H42G11969	HOLDER ASSY, FLARE (GFAE)	1	A
- 14	4140694	HOLDER ASSY, ENLARGED ACCESSORY	1	A
- 15	S2656012-8-10	SCREW, RECESSED ROUND HEAD SHEET METAL (ALT PN S1114190A8-10)	2	A
- 15A	AN970-3	WASHER	2	A
	2202351	STRAP ASSY, PYROTECHNIC PISTOL STOWAGE	1	A
- 16	1055-1	BUCKLE ASSY, (FOR 1 IN. STRAP) (76786)	1	A
- 17	1	TIP, (1 IN. STRAP) (76786)	1	A
- 18	2202351-2	STRAP, PYROTECHNIC PISTOL STOWAGE	1	A
	5141951	BOX ASSY, DEFROSTING WINDOW STOWAGE (ATTACHING PARTS)	1	A
- 18A	MS24621-30	SCREW, (ALT PN AN530-8-8)	8	A
- 18B	AN960-8	WASHER	8	A
- 18C	A6195-8Z	NUT, (78553)	8	A
- 19	5141951-22	STRAP ASSY, DEFROSTING WINDOW STOWAGE BOX	2	A
- 20	5141951-24	BOX ASSY, DEFROSTING WINDOW STOWAGE	1	A
	1135140	CORD ASSY, STARTER HAND CRANK STOWAGE	1	A
- 21	1135643	EYEBOLT, BULKHEAD STOWAGE (MAKE FROM 2191 (79577))	2	A
- 22	1135140-2	CORD, STARTER HAND CRANK STOWAGE	1	A
- 23	S1146898	HOOK, MICROPHONE (ALT PN S141905)	1	A
- 24	845-1	CRANK ASSY, (31435) (GFAE)	1	A
- 25	1045	BOX ASSY, (31435) (GFAE)	1	A
- 26	2119796	HOLDER ASSY, WIRING DIAGRAM	1	A
- 27	56D6221	AXE ASSY, FIREMAN HAND (70677)	1	A
- 28	1142366	STRAP ASSY, FIRE AXE STOWAGE (ATTACHING PARTS)	1	A
- 28A	S2656012-8-10	SCREW, (ALT PN S1114190A8-10)	2	A
	1142393	BRACKET ASSY, FIRE AXE STOWAGE	1	A
- 28B	S2656012-8-10	SCREW, (ALT PN S1114190A8-10)	2	A
- 29	16331	STUD, (61864)	1	A
- 29A	NAS446-4-1	NUT, SPEED (ALT PN 1778-8Z (78553))	1	A
- 30	1142393-2	BRACKET, FIRE AXE STOWAGE (MAKE FROM S1018327-100)	1	A
- 31	S1146898	HOOK, MICROPHONE (ALT PN S141905) (ATTACHING PARTS)	1	A
- 31A	S2656012-8-10	SCREW, (ALT PN S1114190A8-10)	2	
	5188284	WINDOW INSTL, CABIN (SEE FIG. 37 FOR DETAILS)	1	A
	5161157	SEAT INSTL, STEWARDESS	1	A
- 32	S1119555-2A	EYEBOLT, 1/4 X 28 (MAKE FROM S1119554)	1	A
- 33	S1119555-1A	EYEBOLT, 1/4 X 28 (MAKE FROM S1119554)	1	A
	AN960-416L	WASHER	2	A
	MS21044N4	NUT, (ALT PN AN365-428)	2	A
- 34	5161287	CUSHION ASSY, STEWARDESS SEAT	1	A
- 35	MS35207-263	SCREW, (ALT PN AN526-1032-8)	12	A
	AN960-10L	WASHER	12	A
- 36	5161117	SEAT ASSY, STEWARDESS	1	A
- 37		PIN, HOOD HINGE (PART NUMBER S1000759-120-1516)	1	A
- 38	5161117-8	HINGE, STEWARDESS SEAT HALF (MAKE FROM S1000760AS1412)	1	A
- 39	5161117-6	HINGE, STEWARDESS SEAT HALF (MAKE FROM S1000760AS1520) (ATTACHING PARTS)	1	A
- 40	S2656010-6-12	SCREW, 100 DEGREE RECESSED FLAT HEAD (ALT PN S1114189-6-12)	9	A
- 41	S2656010-6-16	SCREW, 100 DEGREE RECESSED FLAT HEAD (ALT PN S1114189-6-16)	2	A
- 42	AN507-632R24	SCREW, (ALT PN S1087510-6-24)	2	A
	AN960-6	WASHER	2	A
	MS21044N06	NUT, (ALT PN AN365-632)	2	A
- 43	MS35207-267	SCREW, RECESSED ROUND HEAD (ALT PN S1027300-10-16)	8	A
- 44	S1011536-2	SCREW, BRAZIER HEAD FEMALE 10-32	8	A
- 45	2161131	BRACKET ASSY, STEWARDESS SEAT	2	A
- 46	5161117-2	CATCH, STEWARDESS SEAT	1	A
- 47	5161117-4	PANEL, STEWARDESS SEAT	1	A
- 48	AN3-11A	BOLT	2	A
- 49	S1026614G3-08	SPACER, OD BEARING	2	A

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
	CONTINUED			
204 - 49A	AN960-10	WASHER	2	A
- 50	4161138	TUBE ASSY, STEWARDESS SEAT SUPPORT	1	A
- 51	AN23-15A	BOLT	2	A
- 51A	MS21083N3	NUT, (ALT PN AN364-1032)	2	A
- 52	1161136	FITTING, STEWARDESS SEAT TUBE END	2	A
- 53	1161137	KNOB, STEWARDESS SEAT HOLDDOWN	2	A
- 53A	MS21044N08	NUT, (ALT PN AN365-832)	2	A
- 54	4161138-2	TUBE, STEWARDESS SEAT SUPPORT	1	A
- 55	4148459	BRACKET ASSY, FORWARD SEAT SUPPORT	1	A
	4148460	BRACKET ASSY, AFT SEAT SUPPORT	1	A
		(ATTACHING PARTS)		
- 56	MS35218-56	SCREW, (ALT PN S1029657-10-10) (RH)	2	A
- 57	MS35218-55	SCREW, (ALT PN S1029657-10-8)	6	A
- 57A	MS21044N3	NUT, (ALT PN AN365-1032)	8	A
- 58	22ND16-02	NUT, SPLINE (ALT PN 22D16-02 (72962))	1	A
- 59	4148459-2	BRACKET, FORWARD SEAT SUPPORT	1	A
	4148460-2	BRACKET, AFT SEAT SUPPORT	1	A
- 60	1161130	CLIP, STEWARDESS SEAT HOLDDOWN	1	A
- 61	2161132	CATCH ASSY, STEWARDESS SEAT SUPPORT	1	A
	5188925	LADDER INSTL, CABIN ENTRANCE	1	A
- 62	MS35207-263	SCREW, (ALT PN AN520-10-8)	4	A
- 62A	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
- 63	5188925-8	CORD ASSY, CABIN ENTRANCE LADDER	2	A
- 64	5188925-4	CATCH, CABIN ENTRANCE LADDER CORD	2	A
- 65	5188925-6	HOOK, CABIN ENTRANCE LADDER CORD	1	A
- 66	5188925-2	CORD, CABIN ENTRANCE LADDER	1	A
- 67	5188883	LADDER ASSY, CABIN DOOR ENTRANCE	1	A
- 68	MS35191-256	SCREW, (ALT PN AN510-8-12)	10	A
	AN960-8	WASHER	10	A
	MS35338-42	WASHER, (ALT PN AN935-8)	10	A
	AN345-8	NUT	1	A
- 69	5188883-8	HOOK, CABIN DOOR ENTRANCE LADDER LH	1	A
- 70	5188883-9	HOOK, CABIN DOOR ENTRANCE LADDER RH	1	A
- 71	S2656011-6-6	SCREW, RECESSED OVAL HEAD SHEET METAL (ALT PN S1114191A6-6)	51	A
- 72	5188883-14	STRIP, CABIN DOOR ENTRANCE LADDER FINISH	3	A
- 73	5188883-16	STRIP, CABIN DOOR ENTRANCE LADDER FINISH	3	A
- 74	5188883-18	STRIP, CABIN DOOR ENTRANCE LADDER FINISH	6	A
- 75	S2656010-6-10	SCREW, 100 DEGREE RECESSED FLAT HEAD SHEET METAL (ALT PN S1114189A6-10)	8	A
- 76	5188883-20	PLATE, CABIN DOOR ENTRANCE LADDER HEEL	2	A
	5188922	PYROTECHNICS INSTL	1	A
- 77	S136714	SPRING, DOOR FASTENER	2	A
		(ATTACHING PARTS)		
- 77A	MS24621-10	SCREW, (ALT PN AN530-4-6)	4	A
- 78	MS21318-2	SCREW, (ALT PN AN535-00-3)	4	A
- 79	S082539	FERRULE, RELEASE HANDLE	2	A
- 80	1189088	HANDLE, FLARE RELEASE (MAKE FROM S131911)	2	A
- 81	MS20392-2C9	PIN, (ALT PN AN393-9)	4	A
- 82	MS20667-2	TERMINAL, (ALT PN AN667-2)	2	A
- 83	1188959	CLEVIS, SPECIAL FLARE RELEASE	2	A
	AN970-4	WASHER	4	A
	MS21044N4	NUT, (ALT PN AN365-428)	2	A
- 84	5188922-2	CABLE ASSY, PYROTECHNICS	2	A
- 85	NAS427K012A	PIN, PULLEY GUARD (ALT PN S143358-012A)	2	A
- 86	AN23-11	BOLT	2	A
- 87	MS24566-1B	PULLEY, (ALT PN AN210-1A)	2	A
- 88	1140609	BRACKET, GLIDER RELEASE PULLEY STA 86	2	A
- 89	2188917	COVER ASSY, FLARE TUBE (WELDED)	2	A
		(ATTACHING PARTS)		
	MS24621-8	SCREW, (ALT PN AN530-4-4)	4	A
- 90	4188919	CLAMP, FLARE STEEL CONTAINER	1	A
- 91	5188921	CONTAINER ASSY, FLARE STEEL	2	A
- 92	AN23-8	BOLT	1	A
	AN310-3	NUT	1	A
- 93	5188921-8	PLATE, FLARE STEEL CONTAINER SLIDE	1	A
- 94	1188931	SPRING, FLARE RELEASE RETAINING	2	A
- 95	5188920	SOCKET ASSY, FLARE STEEL CONTAINER (WELDED)	1	A
- 96	MS35218-40	SCREW, (ALT PN AN515D8-6)	11	A
- 97	4188918	RING, FLARE OPENING	1	A
	42G746	KIT ASSY, AERONAUTICAL FIRST AID (GFAE) (SEE T.O. 1A-1-20)	1	A
	305-1AS18	COVER, SEAT CUSHION	11	A
	305-1AS19	COVER, SEAT CUSHION	11	A
- 98	E811	COMPUTER, LOAD	1	B
	E831	COMPUTER, LOAD	1	C
	E836	COMPUTER, LOAD	1	D
		A 542 THRU 554		
		B ALL VC-47		
		C ALL OTHER C-47		
		D ALL C-117		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

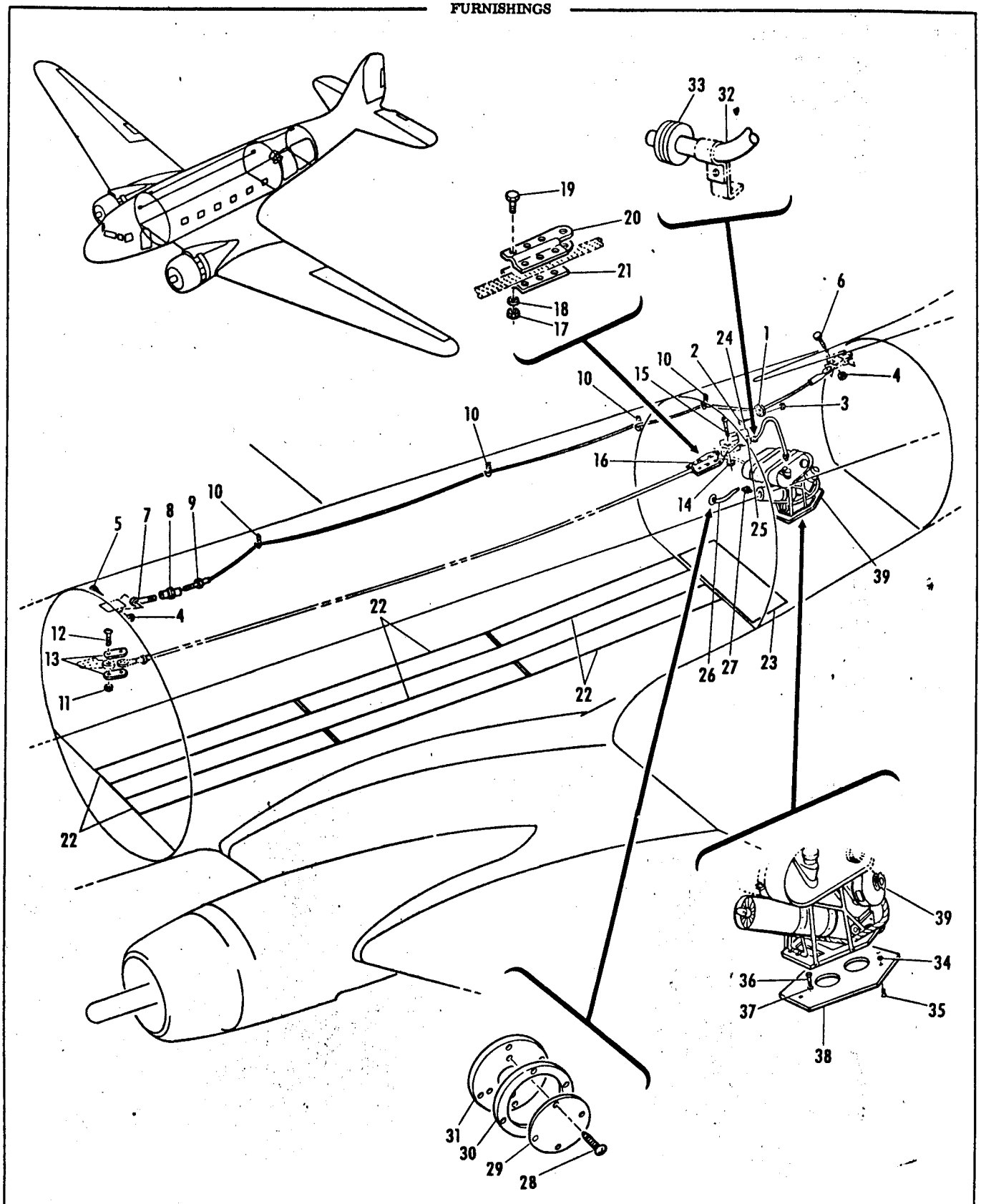

Figure 205. Anchorage Cable, Nonskid Floor, and Auxiliary Heater

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FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
205		ANCHORAGE CABLE, NONSKID FLOOR AND AUXILIARY HEATER		
	5139624	CABLE AND FLOOR INSTL, ANCHORAGE AND NONSKID	REF	AB
		(SEE FIG. 201 FOR NHA)		
- 1	2149557	FITTING, PARACHUTE ANCHORAGE CABLE STA 492	2	AB
		(ATTACHING PARTS)		
- 2	MS35206-247	SCREW, (ALT PN AN526-832-12)	6	AB
- 3	MS21044D08	NUT, (ALT PN AN365D832)	6	AB
		|-|-|-|-|		
- 4	MS21044N6	NUT, (ALT PN AN365-624)	2	AB
- 5	AN6-13A	BOLT	1	AB
- 6	AN6-14A	BOLT	1	AB
- 7	MS21255-8LL	EYE, (ALT PN AN170-80LL)	1	AB
- 8	MS21251B8L	BARREL, (ALT PN AN155-80L)	1	AB
- 9	S2074412BC33200	CABLE ASSY, SWAGED TYPE 1/4 IN. DIAMETER	1	AB
- 10	1189626	HOOK, STORAGE CABLE ANCHORAGE	4	AB
	5143945	LINE INSTL, BRITISH STATIC	1	AB
- 11	MS21083N6	NUT, (ALT PN AN364-624)	2	AB
- 12	AN26-13A	BOLT	2	AB
- 13	1143953	CLAMP, BRITISH STATIC LINE FORWARD ATTACH	2	AB
- 14	MS21083N6	NUT, (ALT PN AN364-624)	1	AB
	AN960-616	WASHER	2	AB
- 15	AN26-17A	BOLT	1	AB
- 16	2143943	CLAMP ASSY, BRITISH STATIC LINE	1	AB
- 17	AN315-3L	NUT	6	AB
- 18	MS35338-43	WASHER, (ALT PN AN935-10)	6	AB
- 19	AN3-5A	BOLT	6	AB
- 20	2143943-2	PLATE, BRITISH STATIC LINE CLAMP LH	1	AB
- 21	2143943-3	PLATE, BRITISH STATIC LINE CLAMP RH	1	AB
	3387	SNAP ASSY, CABLE (76786) (TO BE STOWED IN 2189655)	20	AB
	2189655	BAG ASSY, STATIC LINE SNAP	1	AB
- 22	4139871	FLOOR ASSY, MAIN CARGO COMPARTMENT NONSKID	6	AB
- 23	4139872	FLOOR ASSY, AFT NONSKID	1	AB
		(ATTACHING PARTS)		
	MS27039-1-11	SCREW, (ALT PN AN525-10-11)	36	AB
	AN970-3	WASHER	47	AB
		|-|-|-|-|		
	5142197	HEATER INSTL, AUXILIARY (SEE FIG. 203 FOR NHA)	REF	B
- 24	200499-1	DOOR ASSY, (SEE T.O. 1C-47 (S)-506)	1	C
- 25	S4-200	SPRING, (72794)	4	C
- 26	2142165	TUBE ASSY, AUXILIARY HEATER EXHAUST (WELDED)	1	B
- 27	AN816-16	NIPPLE	1	B
- 28	MS24621-30	SCREW, (ALT PN AN530-8-8)	4	B
- 29	1142278	PLATE, AUXILIARY HEATER EXHAUST VENT COVER	1	B
- 30	1142274	RING, RETAINER	1	B
- 31	1142273	GASKET, ASBESTOS	1	B
- 32	2142229-2	PIPE ASSY, AUXILIARY HEATER FUEL VENT	1	B
- 33	MS35489-6	GROMMET, (ALT PN AN931-4-7)	1	B
- 34	AN315-6R	NUT	3	B
- 35	AN507-624R28	SCREW, (ALT PN S1087510-616-28)	3	B
- 36	AN4-11A	BOLT	4	B
- 37	AC945-4	WASHER	4	B
- 38	4142266	MOUNT, AUXILIARY HEATER	1	B
- 39	782-F1	HEATER ASSY, GASOLINE ENGINE DRIVEN (57733) (GFAE)	1	B
		A 026 AND 027		
		B 001 THRU 025, 028 THRU 541 AND 556 THRU 558		
		C ALL SC-47 SERIES AIRPLANES ABOVE		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

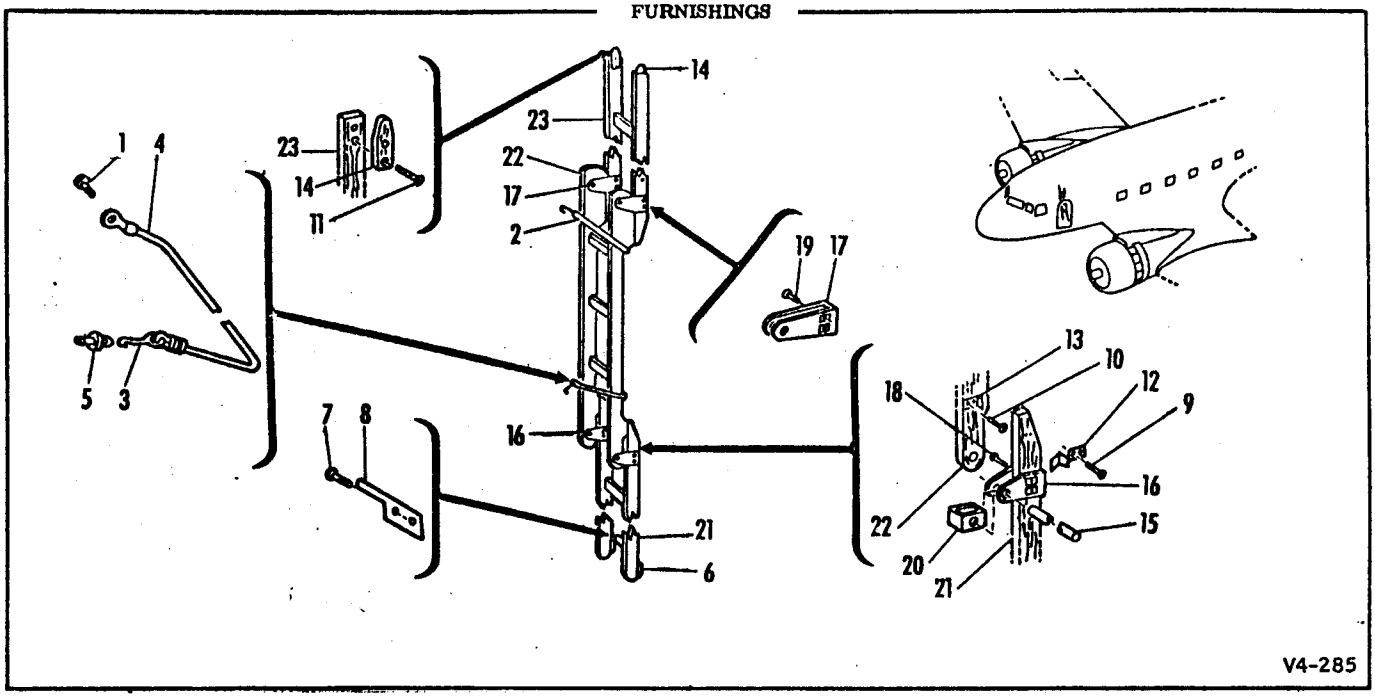

Figure 206. Emergency Wood Ladder

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
206	5141281	LADDER INSTL, EMERGENCY WOOD (SEE FIG. 201 AND 204 FOR NHA)	REF	
- 1	MS35207-263	SCREW, (ALT PN AN526-1032-8)	2	
	MS21044D3	NUT, (ALT PN AN365D1032)	2	
- 2	2131841	CORD ASSY, EMERGENCY LADDER TIEDOWN	2	
- 3	S1000752	HOOK, SHOCK CORD END OPEN	1	
- 4	2131841-2	CORD, EMERGENCY LADDER TIEDOWN	1	
- 5	AN42-4	EYEBOLT	2	
	AN960-10	WASHER	2	
	AN310-3	NUT	2	
	5141165	LADDER ASSY, FOLDING	1	
- 6	5141165-16	PAD, FOLDING LADDER	2	
- 7	AN526-428R22	SCREW	2	
	AN970-4	WASHER	2	
	MS21083N4	NUT, (ALT PN AN364-428)	2	
- 8	1141185	HOOK, FOLDING LADDER	1	
- 9	AN526-1032R18	SCREW, (USED WITH 1141186)	8	
- 10	AN507-1032R18	SCREW, (USED WITH 1141187)	8	
- 11	AN507-832R20	SCREW, (USED WITH 1141184)	4	
	AN970-3	WASHER	20	
	MS21083N3	NUT, (ALT PN AN364-1032)	16	
	MS21083N08	NUT, (ALT PN AN364-832) (USED WITH 1141184)	4	
- 12	1141186	SPRING, FOLDING LADDER CATCH	4	
- 13	1141187	LUG, FOLDING LADDER SPRING CATCH (MAKE FROM S1073340-0016)	4	
- 14	1141184	STAKE, FOLDING LADDER GROUND	2	
- 15	2141190	RUNG, FOLDING LADDER HINGE PIN	2	
- 16	2141188	HINGE, FOLDING LADDER UPPER	2	
- 17	2141189	HINGE, FOLDING LADDER LOWER	2	
		(ATTACHING PARTS)		
- 18	AN526-1032R18	SCREW, (USED WITH 2141188)	4	
- 19	MS35207-267	SCREW, (ALT PN AN526-1032R16)	4	
	AN970-3	WASHER	8	
	MS21083N3	NUT, (ALT PN AN364-1032)	8	
		----#----		
- 20	1141183	STRAP, FOLDING LADDER LEG	2	
- 21	5141165-14	LEG ASSY, FOLDING LADDER	1	
- 22	5141165-12	LEG ASSY, FOLDING LADDER	1	
- 23	5141165-10	LEG ASSY, FOLDING LADDER	1	

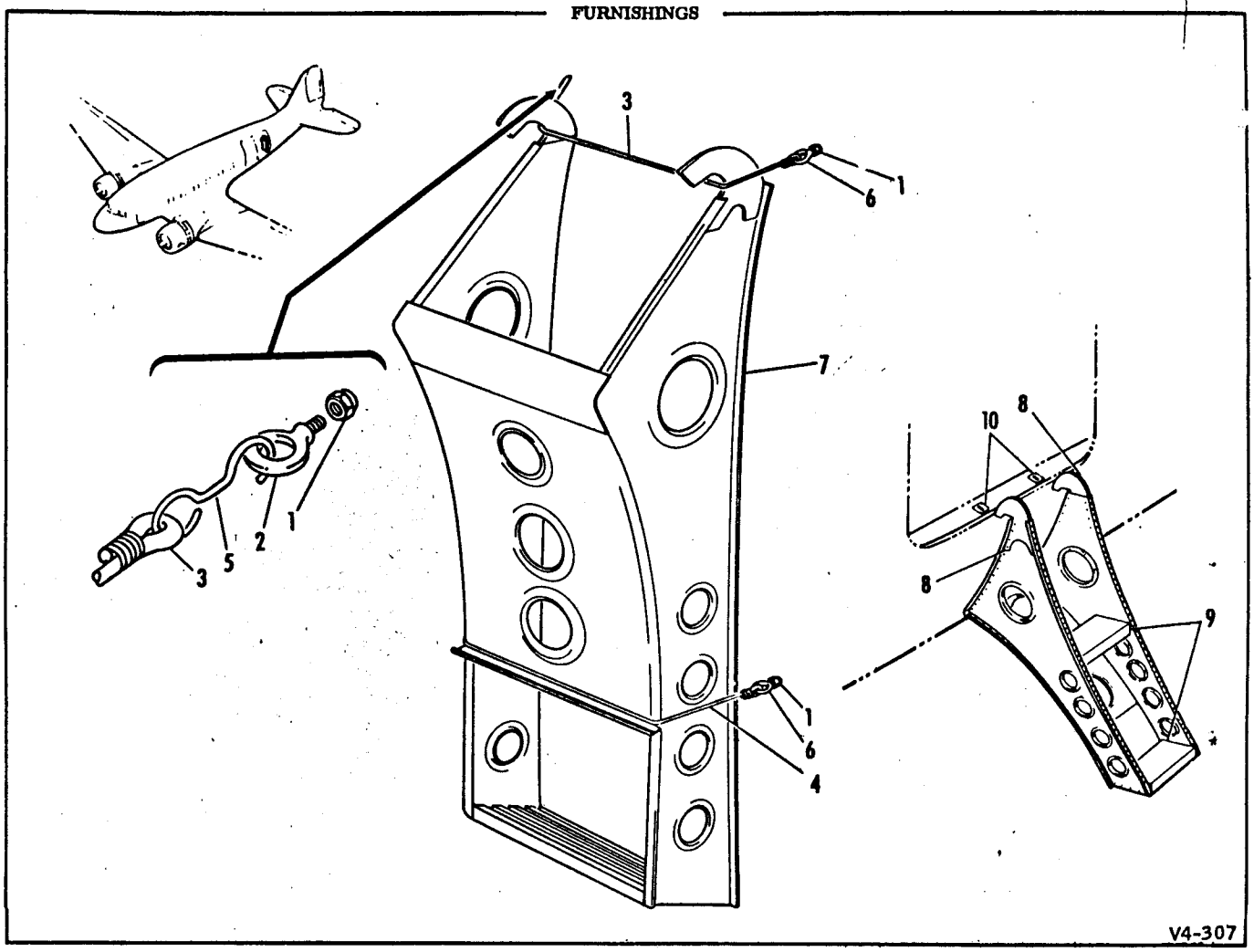

Figure 207. Removable Cabin Step

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
207	5110567	STEP INSTL, CABIN REMOVABLE	1	A
- 1	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
	AN960D10	WASHER	4	A
- 2	1135643	EYEBOLT, BULKHEAD STOWAGE (MAKE FROM 2191 (79577))	2	A
- 3	2135403-5	CORD ASSY, STEP AND ENGINE COVER STOWAGE	1	A
- 4	2135403-3	CORD ASSY, STEP AND ENGINE COVER STOWAGE	1	A
- 5	S1000752	HOOK, SHOCK CORD END OPEN	1	A
- 6	1135643	EYEBOLT, BULKHEAD STOWAGE (MAKE FROM 2191 (79577))	1	A
- 7	5131415	STEP ASSY, CABIN REMOVABLE	1	A
- 8	2131745	HOOK, CABIN REMOVABLE STEP SILL	2	A
- 9	4131664	STEP, CABIN REMOVABLE	2	A
- 10	1132172	PLATE, REMOVABLE STEP STRIKER	2	A
		A 001 THRU 541 AND 555 THRU 558		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

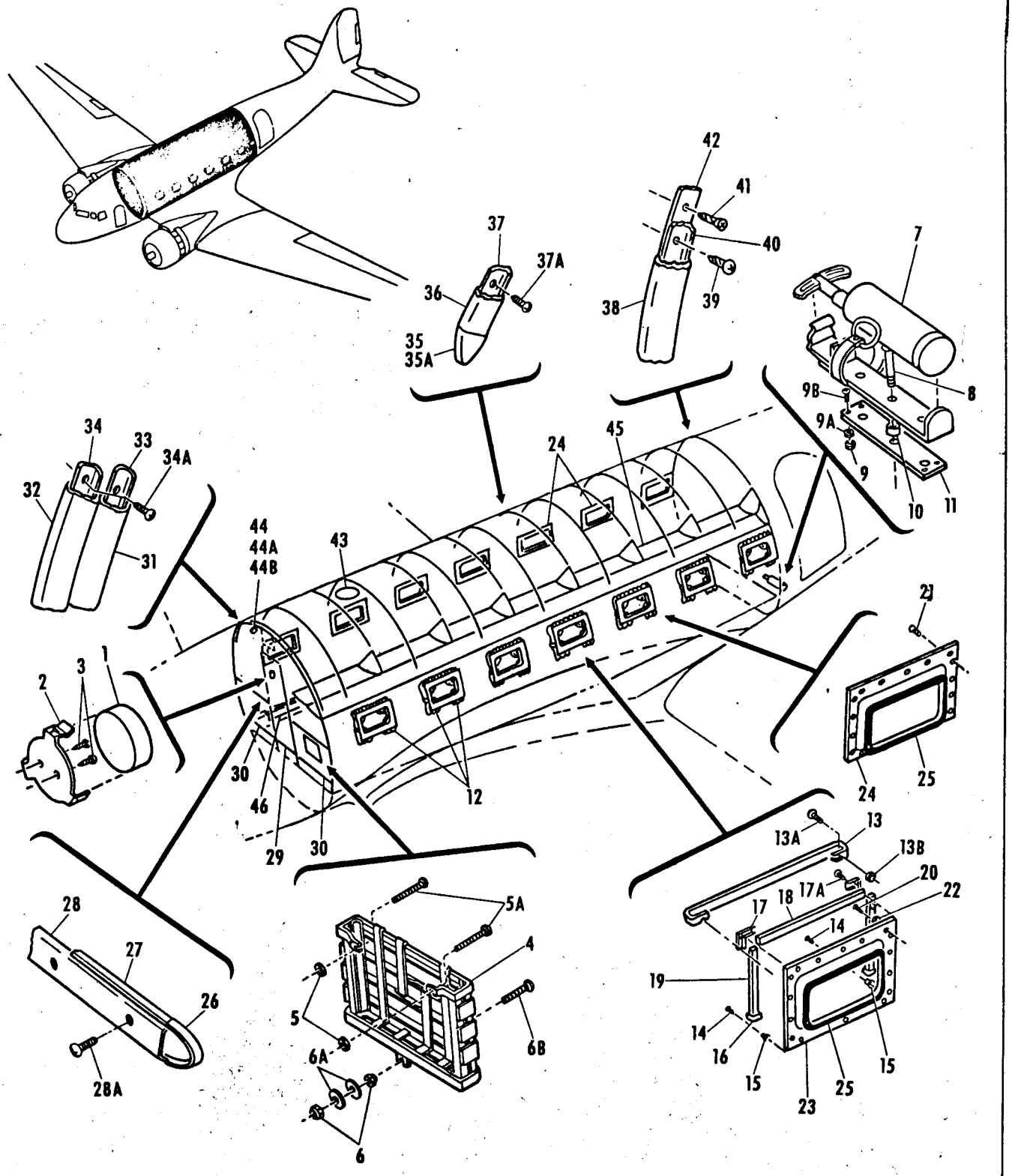

Figure 208. Cabin Equipment and Lining Interior

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FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
208	5188285	INTERIOR INSTL, CABIN EQUIPMENT AND LINING	REF	A
		(SEE FIG. 16 FOR NHA)		
- 1	430	THERMOMETER ASSY, (51240)	1	A
- 2	1024304	BRACKET, CABIN THERMOMETER	1	A
		(ATTACHING PARTS)		
- 3	S2656012-4-8	SCREW, (ALT PN S1114190A4-8)	2	A
		----*----		
- 4	5188992	RACK INSTL, MAGAZINE	1	A
- 5	MS20341-8	NUT, (ALT PN AN340-8)	4	A
- 5A	MS35206-251	SCREW, (ALT PN AN515-8R24)	2	A
- 6	AN365-1024	NUT	2	A
- 6A	AN970-3	WASHER	2	A
- 6B	MS35206-269	SCREW, (ALT PN AN515-10-24)	1	A
- 7	13X13261	EXTINGUISHER ASSY, A20 (GFAE) (ALT PN A20-0-51)	1	A
		(SEE T.O. 1C-1-67)		
	A20-0-51	EXTINGUISHER ASSY, FIRE A20 (GFAE)	1	A
- 8	MS35207-285	SCREW, (ALT PN S1027300-416-24)	3	A
- 9	MS21044N04	NUT, (ALT PN AN365-440)	4	A
- 9A	AN960D4	WASHER	4	A
- 9B	MS35206-221	SCREW, (ALT PN AN515-4-16)	4	A
- 10	S1026099-2	SPACER, PASSENGER SEAT FLOOR	3	A
- 11	1082296	PLATE ASSY, FIRE EXTINGUISHER BRACKET REINFORCING	1	A
- 12	4188636	CURTAIN ASSY, MAIN CABIN WINDOW LH	14	A
	4188636-1	CURTAIN ASSY, MAIN CABIN WINDOW RH	14	A
- 13	2188809	ROD ASSY, CABIN CURTAIN	28	A
		(ATTACHING PARTS)		
- 13A	MS35206-247	SCREW, (ALT PN AN515-8-12)	28	A
- 13B	MS20341-8	NUT, (ALT PN AN340-832)	28	A
		----*----		
- 14	S2656010-4-8	SCREW, (ALT PN S1114189A4-8)	28	A
- 15	AN227-13B	STUD	28	A
- 16	5188285-222	FITTING, BLIND END (MAKE FROM S138749)	48	A
- 17	S139034	CORNER, CABIN INTERIOR FINISH STRIP	30	A
		(ATTACHING PARTS)		
- 17A	S2656011-4-8	SCREW, (ALT PN S1114191A4-8)	30	A
		----*----		
- 18	5188285-126	STRIP, TRIM (MAKE FROM S130983-2400)	14	A
- 19	5188285-128	STRIP, TRIM (MAKE FROM S130983-1900)	28	A
	5188960	FRAME INSTL, CABIN WINDOW	1	A
- 20	AN531-8R10	SCREW	23	A
- 21	S1114191Z8-8	SCREW, RECESSED OVAL HEAD SHEET METAL	13	A
- 22	S136223	FASTENER, CABIN INTERIOR FINISH STRIP	39	A
- 23	4188580-2	FRAME ASSY, CABIN WINDOW	11	A
- 24	4188580-4	FRAME ASSY, CABIN WINDOW	3	A
- 25	4188520-10	SEAL, CABIN WINDOW FRAME (MAKE FROM S1080328-5300)	1	A
- 26	S138749	STRIP, TRIM ARROW	1	A
- 27	5188285-14	STRIP, TRIM (MAKE FROM S130983-22-3600)	2	A
- 28	5188285-16	RETAINER, TRIM STRIP (MAKE FROM S146371-3600)	2	A
		(ATTACHING PARTS)		
- 28A	S2656012-4-6	SCREW, (ALT PN S1114190A4-6)	38	A
		----*----		
- 29	2188954-8	STRIP, LEATHER COVERED TRIM	1	A
- 30	2188954-6	STRIP, LEATHER COVERED TRIM	2	A
- 31	5188285-132	STRIP, TRIM (MAKE FROM S130983-12400)	8	A
- 32	5188285-134	STRIP, TRIM (MAKE FROM S130983-2400)	2	A
- 33	5188285-140	RETAINER, TRIM STRIP (MAKE FROM S146371-12400)	8	A
- 34	5188285-138	RETAINER, TRIM STRIP (MAKE FROM S143671-2400)	2	A
		(ATTACHING PARTS)		
- 34A	S2656012-4-8	SCREW, (ALT PN S1114190A4-8)	498	A
		----*----		
- 35	S138749	STRIP, TRIM ARROW	21	A
		(ATTACHING PARTS)		
- 35A	S2656011-4-8	SCREW, (ALT PN S1114191A4-8)	21	A
		----*----		
- 36	5188285-130	STRIP, TRIM (MAKE FROM S130983-6800)	6	A
- 37	5188285-142	RETAINER, TRIM STRIP (MAKE FROM S146371-6800)	6	A
		(ATTACHING PARTS)		
- 37A	S2656012-4-8	SCREW, (ALT PN S1114190A4-8)	175	A
		----*----		
- 38	5188285-136	STRIP, TRIM (MAKE FROM S130983-22-7900)	2	A
- 39	S2656012-4-8	SCREW, (ALT PN S1114190A4-8)	80	A
- 40	5188285-190	RETAINER, TRIM STRIP (MAKE FROM S146371-7900)	2	A
- 41	S2656010-4-8	SCREW, (ALT PN S1114189A4-8)	600	A
- 42	5188285-188	STRIP, RETAINER	30	A
- 43	1024300	STRIP, DOME LIGHT CLOTH	4	A
- 44	S139675	BUMPER, 1/2 X 5/8 IN.	1	A
		(ATTACHING PARTS)		
- 44A	S2656012-6-8	SCREW, (ALT PN S1114190A6-8)	1	A
- 44B	AN960-4	WASHER	1	A
		----*----		
- 45	5188763	DUCT INSTL, HANDRAIL, HATRACK AND COLD AIR LH	1	A
		(SEE FIG. 211 FOR DETAILS)		
	5188763-1	DUCT INSTL, HANDRAIL, HATRACK AND COLD AIR RH	1	A
		(SEE FIG. 211 FOR DETAILS)		
- 46	2189008	PLATE, HOT AIR DUCT SCUFF	14	A
		A 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

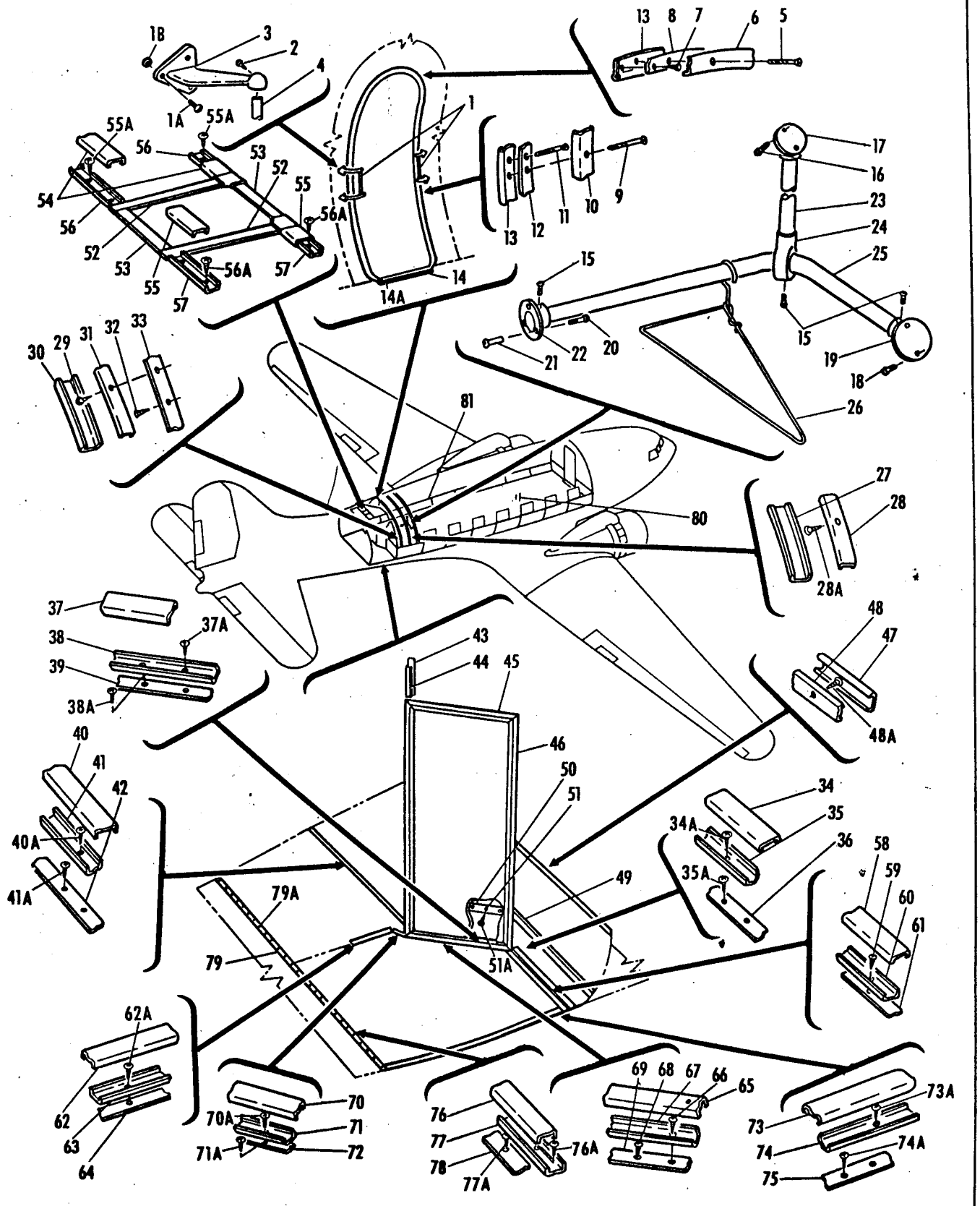

Figure 209. Cabin Equipment and Lining Interior

V4-219

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
209	5188285	INTERIOR INSTL, CABIN EQUIPMENT AND LINING (SEE FIG. 16 FOR NHA)	REF	A
	5148436	HANDLE INSTL, MAIN CABIN DOOR ASSIST	1	A
- 1	5148436-10	HANDLE ASSY, MAIN CABIN DOOR ASSIST	2	A
		(ATTACHING PARTS)		
- 1A	S134569-10	SCREW, OVAL HEAD SPECIAL MACHINE	12	A
- 1B	S124682-3D10-049	WASHER	2	A
- 2	MS21318-1	SCREW, (ALT PN AN535-2)	4	A
- 3	S246096	BRACKET, MAIN CABIN DOOR ASSIST HANDLE LH	1	A
	S246096-1	BRACKET, MAIN CABIN DOOR ASSIST HANDLE RH	1	A
- 4	5148436-8	TUBE, MAIN CABIN DOOR ASSIST HANDLE	1	A
- 5	S2656010-6-10	SCREW, (ALT PN S1114189A6-10)	4	A
- 6	5188285-78	STRIP, TRIM	1	A
- 7	S2656010-4-10	SCREW, (ALT PN S1114189A4-10)	26	A
	S2656010-6-8	SCREW, (ALT PN S1114189A6-8)	20	A
- 8	5188285-76	STRIP, RETAINER	2	A
	5188285-70	STRIP, RETAINER	4	A
- 9	S2656011-6-10	SCREW, (ALT PN S1114191A6-10)	26	A
- 10	5188285-81	STRIP, TRIM LH	1	A
	5188285-80	STRIP, TRIM RH	1	A
- 11	S2656010-6-8	SCREW, (ALT PN S1114189A6-8)	14	A
- 12	5188285-36	STRIP, RETAINER LH	1	A
	5188285-37	STRIP, RETAINER RH	1	A
- 13	1188791-14	BEAD ASSY, UPHOLSTERED CABIN WALL PANEL TRIM	1	A
- 14	2188991	THRESHOLD, CABIN DOOR	1	A
		(ATTACHING PARTS)		
- 14A	S2656010-8-10	SCREW, (ALT PN S1114189A8-10)	14	A
	5188381	RAIL INSTL, COAT STA 471 TO 496	1	A
- 15	S1114191Z8-6	SCREW, RECESSED OVAL HEAD SHEET METAL	5	A
- 16	MS35207-263	SCREW, (ALT PN S124630-10-8)	2	A
- 17	1026806	SUPPORT, COAT RAIL UPPER STA 472	1	A
- 18	MS35206-244	SCREW, (ALT PN S124630-8-7)	2	A
- 19	1026808-1	SUPPORT, COAT RAIL STA 471	1	A
- 20	MS35206-246	SCREW, (ALT PN S124630-8-10)	3	A
- 21	S1076743-4	SCREW, 8 X 32 BRAZIER HEAD FEMALE	3	A
- 22	S1026811	SUPPORT, COAT RAIL STA 496	1	A
	2026490	RAIL ASSY, COAT	1	A
- 23	2026490-2	SUPPORT, COAT RAIL TUBE	1	A
- 24	S2026476	SUPPORT, COAT RAIL	1	A
- 25	2026490-1	RAIL, COAT	1	A
- 26	2189264	HANGER, COAT	21	A
- 27	5188285-124	STRIP, TRIM (MAKE FROM S130983-22-14000)	1	A
- 28	5188285-146	RETAINER, TRIM STRIP (MAKE FROM S146371-14000)	1	A
		(ATTACHING PARTS)		
- 28A	S2656012-4-8	SCREW, (ALT PN S1114190A4-8)	72	A
- 29	S2656012-4-8	SCREW, (ALT PN S1114190A4-8)	146	A
- 30	5188285-122	STRIP, TRIM (MAKE FROM S130983-22-14400)	2	A
- 31	5188285-144	RETAINER, TRIM STRIP (MAKE FROM S146371-14400)	2	A
- 32	S2656010-4-8	SCREW, (ALT PN S1114189A4-8)	111	A
- 33	5188285-184	STRIP, RETAINER	3	A
- 34	5188285-104	STRIP, TRIM (MAKE FROM S130983-22-7200)	1	A
- 34A	S2656012-4-8	SCREW, (ALT PN S1114190A4-8)	37	A
- 35	5188285-164	RETAINER, TRIM STRIP (MAKE FROM S146371-7200)	1	A
- 35A	S2656010-4-8	SCREW, (ALT PN S1114189A4-8)	19	A
- 36	5188285-166	STRIP, RETAINER	1	A
- 37	5188285-112	STRIP, TRIM (MAKE FROM S130983-2500)	1	A
- 37A	S2656012-4-8	SCREW, (ALT PN S1114190A4-8)	13	A
- 38	5188285-156	RETAINER, TRIM STRIP (MAKE FROM S146371-2500)	1	A
- 38A	S2656010-4-8	SCREW, (ALT PN S1114189A4-8)	6	A
- 39	5188285-174	STRIP, RETAINER	1	A
- 40	5188285-120	STRIP, TRIM (MAKE FROM S130983-22-11000)	2	A
- 40A	S2656012-4-8	SCREW, (ALT PN S1114190A4-8)	43	A
- 41	5188285-148	RETAINER, TRIM STRIP (MAKE FROM S146371-8500)	1	A
- 41A	S2656010-4-8	SCREW, (ALT PN S1114189A4-8)	22	A
- 42	5188285-224	STRIP, RETAINER	1	A
- 43	5188285-218	STRIP, TRIM (MAKE FROM S130983-500	1	A
- 44	5188285-216	RETAINER, TRIM STRIP (MAKE FROM S146371-500)	1	A
- 45	5188285-34	ANGLE, TRIM (MAKE FROM S1007349-2200)	1	A
- 46	5188285-28	ANGLE, TRIM (MAKE FROM S1007349-7100)	1	A
- 47	5188285-50	STRIP, TRIM (MAKE FROM S130983-22-2400)	1	A
- 48	5188285-58	RETAINER, TRIM STRIP (MAKE FROM S146371-2400)	1	A
		(ATTACHING PARTS)		
- 48A	S2656012-4-6	SCREW, (ALT PN S1114190A4-6)	13	A
- 49	2188954-10	STRIP, LEATHER COVERED TRIM	1	A
- 50	2188954-12	STRIP, LEATHER COVERED TRIM	1	A
- 51	AN227-12B	STUD	7	A
		(ATTACHING PARTS)		
- 51A	S2656012-4-6	SCREW, (ALT PN S1114190A4-6)	7	A
- 52	5188285-44	STRIP, TRIM (MAKE FROM S130983-1500)	2	A
- 53	5188285-46	STRIP, TRIM (MAKE FROM S130983-1000)	2	A
- 54	5188285-48	STRIP, TRIM (MAKE FROM S130983-2000)	2	A
- 55	5188285-42	STRIP, TRIM (MAKE FROM S130983-22-4200)	2	A

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
209 - 55A	S2656012-4-6	SCREW, (ALT PN S1114190A4-6)	22	A
- 56	5188285-60	RETAINER, TRIM STRIP (MAKE FROM S146371-2000)	2	A
- 56A	S2656012-4-6	SCREW, (ALT PN S1114190A4-6)	32	A
- 57	5188285-62	RETAINER, TRIM STRIP (MAKE FROM S146371-4200)	2	A
- 58	5188285-106	STRIP, TRIM (MAKE FROM S130983-5400)	1	A
- 59	S2656012-4-8	SCREW, (ALT PN S1114190A4-8)	28	A
- 60	5188285-162	RETAINER, TRIM STRIP (MAKE FROM S146371-5400)	1	A
- 61	5188285-168	STRIP, RETAINER	1	A
- 62	5188285-118	STRIP, TRIM (MAKE FROM S130983-2700)	1	A
- 62A	S2656012-4-8	SCREW, (ALT PN S1114190A4-8)	14	A
- 63	5188285-150	RETAINER, TRIM STRIP (MAKE FROM S146371-2700)	1	A
- 64	5188285-180	STRIP, RETAINER	1	A
- 65	5188285-114	STRIP, TRIM (MAKE FROM S130983-2400)	1	A
- 66	S2656012-4-8	SCREW, (ALT PN S1114190A4-8)	13	A
- 67	5188285-154	RETAINER, TRIM STRIP (MAKE FROM S146371-2400)	1	A
- 68	S2656010-4-8	SCREW, (ALT PN S1114189A4-8)	6	A
- 69	5188285-176	STRIP, RETAINER	1	A
- 70	5188285-116	STRIP, TRIM (MAKE FROM S130983-316)	1	A
- 70A	S2656012-4-8	SCREW, (ALT PN S1114190A4-8)	3	A
- 71	5188285-152	RETAINER, TRIM STRIP (MAKE FROM S146371-316)	1	A
- 71A	S2656010-4-8	SCREW, (ALT PN S1114189A4-8)	3	A
- 72	5188285-178	STRIP, RETAINER	1	A
- 73	5188285-108	STRIP, TRIM (MAKE FROM S130983-4400)	1	A
- 73A	S2656012-4-8	SCREW, (ALT PN S1114190A4-8)	22	A
- 74	5188285-160	RETAINER, TRIM STRIP (MAKE FROM S146371-4400)	1	A
- 74A	S2656010-4-8	SCREW, (ALT PN S1114189A4-8)	12	A
- 75	5188285-170	STRIP, RETAINER	1	A
- 76	5188285-110	STRIP, TRIM (MAKE FROM S130983-6400)	1	A
- 76A	S2656012-4-8	SCREW, (ALT PN S1114190A4-8)	33	A
- 77	5188285-158	RETAINER, TRIM STRIP (MAKE FROM S146371-6400)	1	A
- 77A	S2656010-4-8	SCREW, (ALT PN S1114189A4-8)	17	A
- 78	5188285-172	STRIP, RETAINER	1	A
- 79	5188285-182	RETAINER, TRIM STRIP	1	A
		(ATTACHING PARTS)		
- 79A	S2656010-4-8	SCREW, (ALT PN S1114189A4-8)	26	A
- 80	5188633	CARPET INSTL, MAIN CABIN (SEE FIG. 210 FOR DETAILS)	1	A
- 81	5188671	PANEL INSTL, UPHOLSTERED CABIN WALL	1	A
		(SEE FIG. 212 FOR DETAILS)		
		A 542 THRU 554		

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

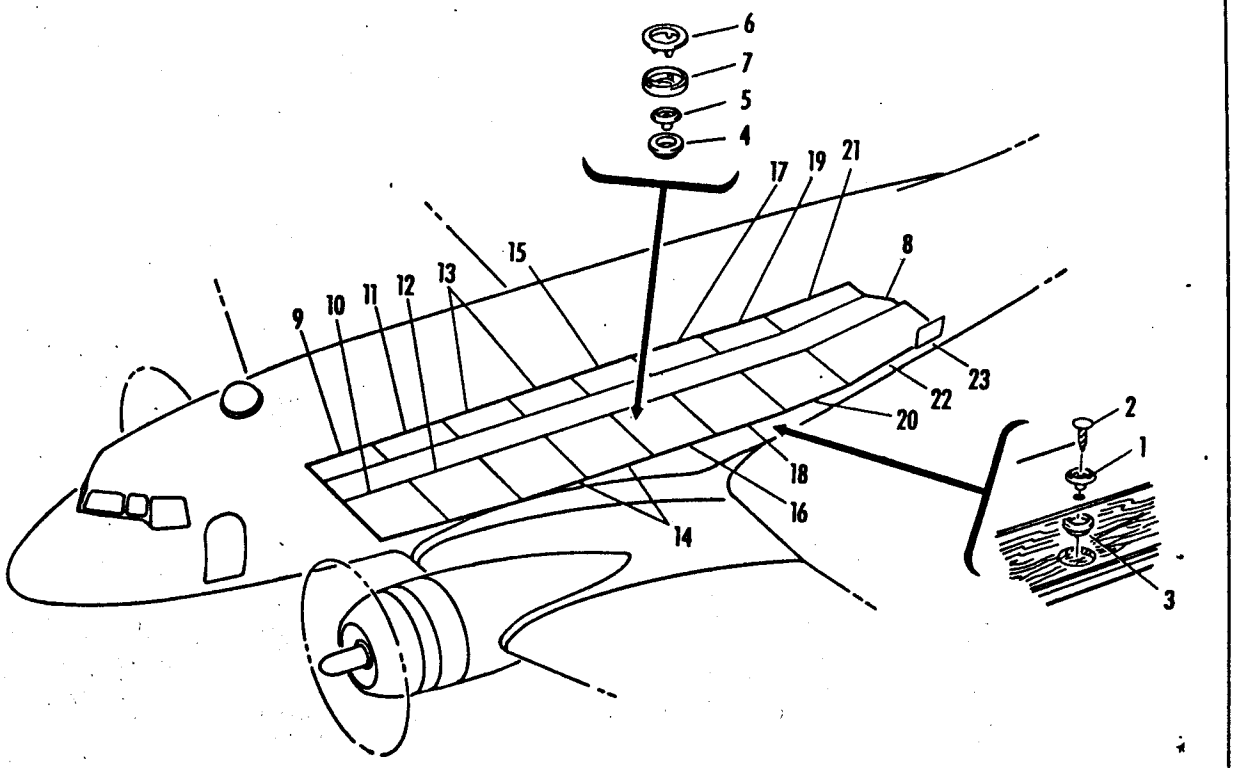

Figure 210. Main Cabin Carpet

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
210	5188633	CARPET INSTL, MAIN CABIN (SEE FIG. 209 FOR NHA)	REF	A
- 1	AN227-9B	EYELET	170	A
- 2	459	STUD, (61864)	170	A
- 3	AN227-7B	SOCKET	170	A
- 4	AN227-9B	EYELET	63	A
- 5	AN227-8B	STUD	63	A
- 6	541A	RING, (61864)	63	A
- 7	541	SOCKET, (61864)	63	A
- 8	5188633-16	CARPET, MAIN CABIN STA 177 TO 510	1	A
- 9	5188633-2	CARPET, MAIN CABIN STA 177 TO 214	1	A
- 10	5188633-18	CARPET, MAIN CABIN STA 177 TO 214	1	A
- 11	5188633-4	CARPET, MAIN CABIN STA 214 TO 253	1	A
- 12	5188633-20	CARPET, MAIN CABIN STA 214 TO 253	1	A
- 13	5188633-6	CARPET, MAIN CABIN STA 253 TO 331	2	A
- 14	5188633-22	CARPET, MAIN CABIN STA 253 TO 331	2	A
- 15	5188633-8	CARPET, MAIN CABIN STA 331 TO 370	1	A
- 16	5188633-24	CARPET, MAIN CABIN STA 331 TO 370	1	A
- 17	5188633-10	CARPET, MAIN CABIN STA 370 TO 409	1	A
- 18	5188633-26	CARPET, MAIN CABIN STA 370 TO 409	1	A
- 19	5188633-12	CARPET, MAIN CABIN STA 409 TO 450	1	A
- 20	5188633-28	CARPET, MAIN CABIN STA 409 TO 450	1	A
- 21	5188633-14	CARPET, MAIN CABIN STA 450 TO 496	1	A
- 22	5188633-30	CARPET, MAIN CABIN STA 450 TO 515	1	A
- 23	5188633-48	CARPET, MAIN CABIN STA 492 TO 515	1	A
		A 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

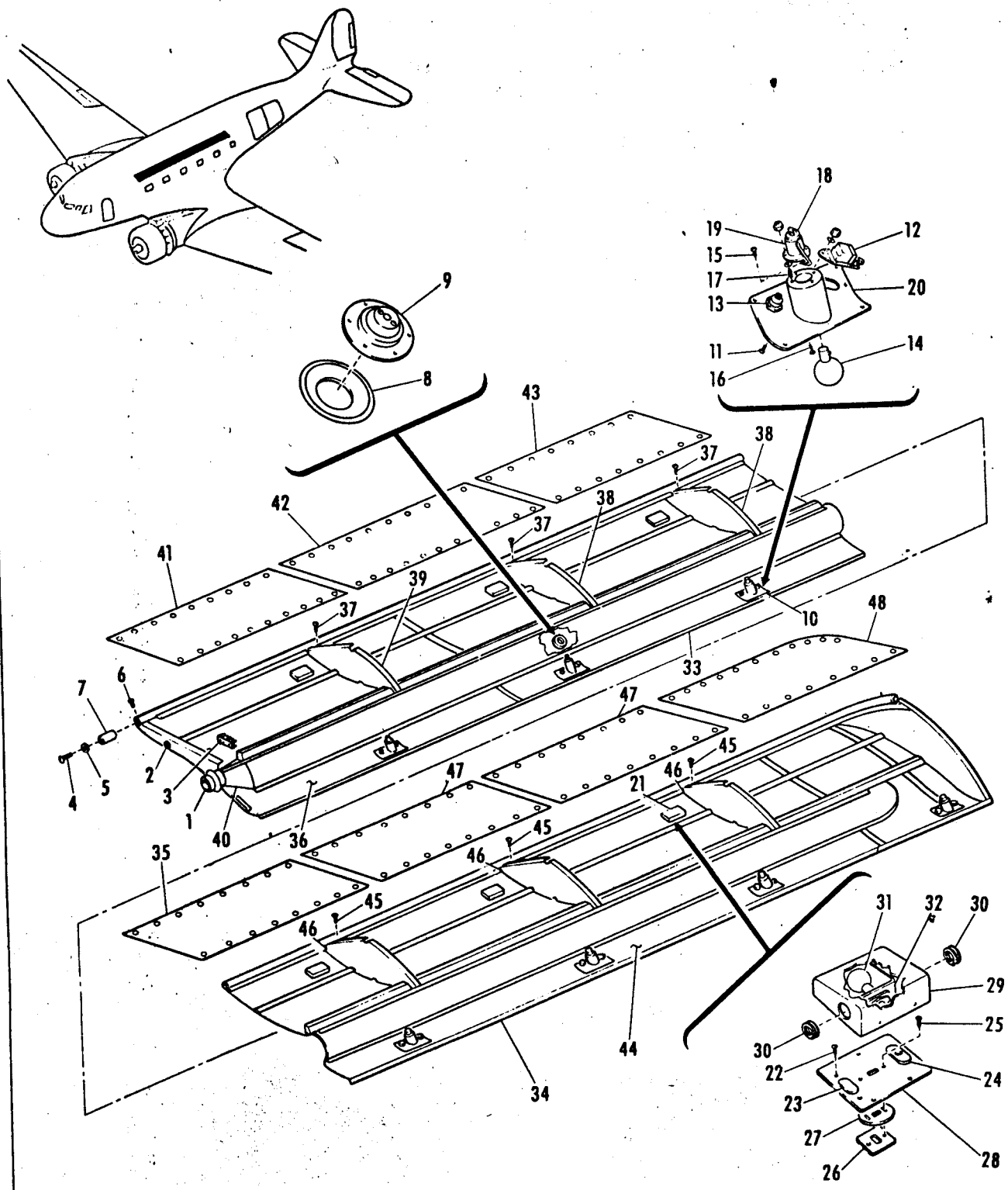

Figure 211. Handrail, Hatrack, and Cold Air Duct

V4-206

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
211	5188763	DUCT INSTL, HANDRAIL, HATRACK AND COLD AIR LH	REF	A
		(SEE FIG. 208 FOR NHA)		
	5188763-1	DUCT INSTL, HANDRAIL, HATRACK AND COLD AIR RH	REF	A
		(SEE FIG. 208 FOR NHA)		
	AN545-8R4	SCREW	4	A
- 1	5188763-154	FLANGE, COLD AIR DUCT	1	A
- 2	MS35489-9	GROMMET, (ALT PN AN931-5-9)	1	A
- 3	MS27212-6-4	TERMINAL BOARD ASSY, (ALT PN S2032879-8A4-16)	1	A
- 4	MS35207-287	SCREW, (ALT PN AN520-416R32)	1	A
- 5		SPACER, (PN S2033900-6D049-104)	1	A
	AN970-4	WASHER	1	A
	MS35338-44	WASHER, (ALT PN AN935-416)	1	A
- 6	MS35206-243	SCREW, (ALT PN AN515-8R6)	4	A
	MS35333-38	WASHER, (ALT PN AN936A8)	4	A
- 7	1188965	PLUG, HANDRAIL ATTACH	1	A
- 8	1007194	COVER, COLD AIR DUCT VENT	7	A
	AN507-632R8	SCREW	21	A
- 9	775	VALVE ASSY, COLD AIR (79271)	7	A
	NAS387-632-8	SCREW, (ALT PN S1133243-6-8)	28	A
- 10	2188415	LIGHT ASSY, READING LH	7	A
	2188415-1	LIGHT ASSY, READING RH	7	A
- 11	NAS387-632-6	SCREW, (ALT PN S1133243-6-6)	2	A
	AN960-6	WASHER	2	A
	MS21044N06	NUT, (ALT PN AN365-632)	2	A
- 12	2188415-4	SWITCH ASSY, READING LIGHT (MAKE FROM 8480K3 (15605))	1	A
- 13	NO NUMBER	BUTTON ASSY, PUSH (TYPE D3E)(71468)	1	A
- 14	MS35478-307	BULB ASSY, (ALT PN 307 (24446))	1	A
- 15	MS35206-227	SCREW, (ALT PN AN515-6-5)	1	A
	AN960-6	WASHER	1	A
	MS35338-41	WASHER, (ALT PN AN935-6)	1	A
	MS20341-6S	NUT, (ALT PN AN340-6)	1	A
- 16	AN515-6R11	SCREW	2	A
	AN960-6	WASHER	2	A
	MS21044N06	NUT, (ALT PN AN365-632)	2	A
- 17	1021906	SPRING, READING LIGHT	2	A
- 18	2116	SOCKET ASSY, (81257)	1	A
- 19	2188415-2	BUSHING, (MAKE FROM 13208 (81257))	1	A
- 20	2189163	REFLECTOR, READING LIGHT (MAKE FROM S4024815)	1	A
	MS24621-18	SCREW	21	A
- 21	5189002-8	COVER ASSY, PASSENGER READING LIGHT (LH ONLY)	7	A
- 22	NAS387-632-6	SCREW, (ALT PN S1133243-6-6)	2	A
	AN960-6	WASHER	2	A
	MS21044N06	NUT, (ALT PN AN365-632)	2	A
- 23	8480K2	SWITCH ASSY, (15605)	1	A
- 24	A401M4	SWITCH ASSY, (81640)	1	A
- 25	NAS387-632-8	SCREW, (ALT PN S1133243-6-8)	2	A
- 26	5189002-2	PLATE, PASSENGER READING LIGHT COVER	1	A
- 27	5189002-4	PLATE, PASSENGER READING LIGHT COVER	1	A
- 28	5189002-6	COVER, PASSENGER READING LIGHT	1	A
	S111419IZ6-8	SCREW	28	A
- 29	5189002-12	BOX ASSY, PASSENGER READING LIGHT (LH ONLY)	6	A
	5189002-16	BOX ASSY, PASSENGER READING LIGHT (LH ONLY)	1	A
- 30	MS35489-13	GROMMET, (ALT PN AN931-7-11) (USED ON 5189002-12)	2	A
	MS35489-13	GROMMET, (ALT PN AN931-7-11) (USED ON 5189002-16)	1	A
- 31	MS35478-307	BULB ASSY, (ALT PN 307 (24446))	1	A
- 32	NO NUMBER	SOCKET ASSY, (TYPE SCF-D-0) (71468)	1	A
	AN531-4R8	SCREW	93	A
- 33	1188675-8	STRIP, UPHOLSTERED CABIN WALL PANEL TRIM	1	A
- 34	1188675-16	STRIP, UPHOLSTERED CABIN WALL PANEL TRIM	1	A
- 35	5188763-142	SHELF ASSY, HATRACK AND COLD AIR DUCT STA 294 TO 333	1	A
- 36	5188763-2	SECTION ASSY, HANDRAIL, HATRACK AND COLD AIR DUCT FORWARD LH	1	A
	5188763-3	SECTION ASSY, HANDRAIL, HATRACK AND COLD AIR DUCT FORWARD RH	1	A
- 37	S111419IZ4-5	SCREW	6	A
- 38	5188763-64	TUBE, PARTITION TRIM	2	A
- 39	5188763-84	TUBE, PARTITION TRIM	1	A
- 40	5188763-148	ADAPTER ASSY, COLD AIR DUCT LH	1	A
	5188763-149	ADAPTER ASSY, COLD AIR DUCT RH	1	A
- 41	5188763-136	SHELF ASSY, HATRACK AND COLD AIR DUCT STA 177 TO 216 LH	1	A
	5188763-137	SHELF ASSY, HATRACK AND COLD AIR DUCT STA 177 TO 216 RH	1	A
- 42	5188763-138	SHELF ASSY, HATRACK AND COLD AIR DUCT STA 216 TO 258 LH	1	A
	5188763-139	SHELF ASSY, HATRACK AND COLD AIR DUCT STA 216 TO 258 RH	1	A
- 43	5188763-140	SHELF ASSY, HATRACK AND COLD AIR DUCT STA 258 TO 294	1	A
- 44	5188763-4	SECTION ASSY, HANDRAIL, HATRACK AND COLD AIR DUCT AFT LH	1	A
	5188763-5	SECTION ASSY, HANDRAIL, HATRACK AND COLD AIR DUCT AFT RH	1	A
- 45	S111419IZ4-5	SCREW	6	A
- 46	5188763-64	TUBE, PARTITION TRIM	3	A
- 47	5188763-144	SHELF ASSY, HATRACK AND COLD AIR DUCT STA 333 TO 411	2	A
- 48	5188763-146	SHELF ASSY, HATRACK AND COLD AIR DUCT STA 411 TO 450 LH	1	A
	5188763-147	SHELF ASSY, HATRACK AND COLD AIR DUCT STA 411 TO 450 RH	1	A

A 542 THRU 554

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

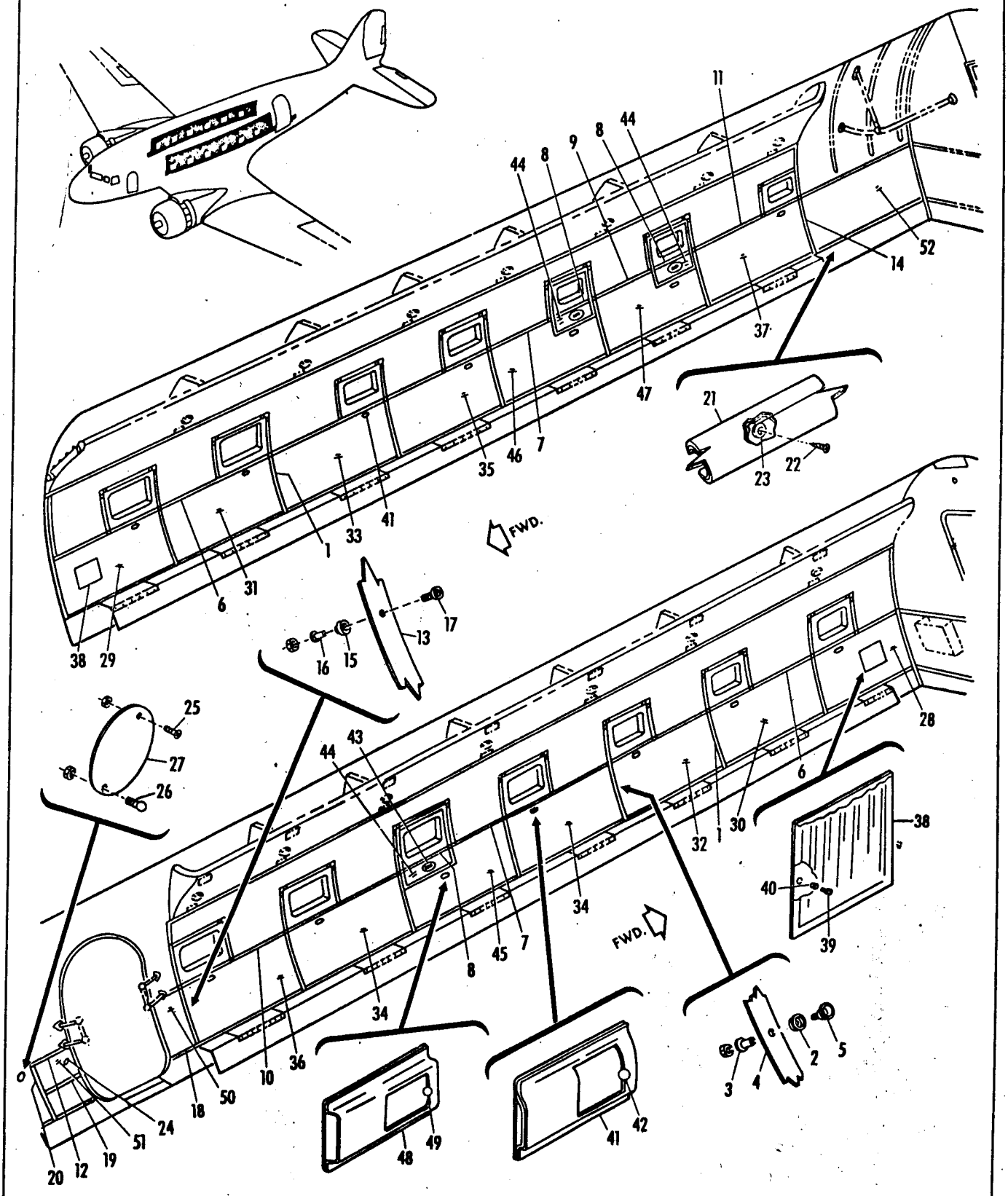

Figure 212. Upholstered Cabin Wall Panel

V4-287

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
212	5188671	PANEL INSTL, UPHOLSTERED CABIN WALL (SEE FIG. 209 FOR NHA)	REF	A
- 1	5188671-84	STRIP ASSY, UPHOLSTERED CABIN WALL PANEL TRIM	12	A
- 2	AN227-7B	SOCKET	88	A
- 3	AN227-9B	EYELET	88	A
- 4	5188671-62	STRIP, UPHOLSTERED CABIN PANEL TRIM	12	A
- 5	AN227-10B	STUD	88	A
	AN345-10	NUT	88	A
- 6	1188675-16	STRIP, UPHOLSTERED CABIN WALL PANEL TRIM	2	A
- 7	1188675-4	STRIP, UPHOLSTERED CABIN WALL PANEL TRIM	2	A
- 8	1188675-6	STRIP, UPHOLSTERED CABIN WALL PANEL TRIM	3	A
- 9	1188675-10	STRIP, UPHOLSTERED CABIN WALL PANEL TRIM	1	A
- 10	1188675-12	STRIP, UPHOLSTERED CABIN WALL PANEL TRIM	1	A
- 11	1188675-14	STRIP, UPHOLSTERED CABIN WALL PANEL TRIM	1	A
- 12	1188675-2	STRIP, UPHOLSTERED CABIN WALL PANEL TRIM	1	A
		(ATTACHING PARTS)		
	MS24621-11	SCREW, (ALT PN AN530-4-8)	230	A
		----*----		
- 13	5188671-98	STRIP ASSY, UPHOLSTERED CABIN WALL PANEL TRIM LH	1	A
- 14	5188671-99	STRIP ASSY, UPHOLSTERED CABIN WALL PANEL TRIM RH	1	A
- 15	AN227-7B	SOCKET	10	A
- 16	AN227-9B	EYELET	10	A
- 17	AN227-10B	STUD	10	A
	AN345-10	NUT	10	A
- 18	2188954-14	STRIP, LEATHER COVERED TRIM	1	A
- 19	2188954-50	STRIP, LEATHER COVERED TRIM STA 492 TO 511	1	A
- 20	2188954-16	STRIP, LEATHER COVERED TRIM	1	A
- 21	2188954-18	STRIP, LEATHER COVERED TRIM	1	A
- 22	S2656012-4-6	SCREW, (ALT PN S1114190A4-6)	38	A
- 23	S136223	FASTENER, CABIN INTERIOR FINISH STRIP	38	A
- 24	5188671-126	PLATE, UPHOLSTERED CABIN WALL PANEL WEAR	1	A
		(ATTACHING PARTS)		
	S2656011-6-6	SCREW, (ALT PN S1114191-6-6)	3	A
		----*----		
- 25	MS35206-245	SCREW, (ALT PN AN526-832-8)	1	A
	MS21044D08	NUT, (ALT PN AN365D832)	1	A
- 26	S136713	KNOB, DOOR FASTENER	1	A
- 27	5188671-118	COVER, UPHOLSTERED CABIN WALL PANEL	1	A
- 28	5188671-90	PANEL ASSY, UPHOLSTERED CABIN WALL STA 177 TO 216 LH	1	A
- 29	5188671-91	PANEL ASSY, UPHOLSTERED CABIN WALL STA 177 TO 216 RH	1	A
- 30	5188671-70	PANEL ASSY, UPHOLSTERED CABIN WALL STA 216 TO 258 LH	1	A
- 31	5188671-71	PANEL ASSY, UPHOLSTERED CABIN WALL STA 216 TO 258 RH	1	A
- 32	5188671-96	PANEL ASSY, UPHOLSTERED CABIN WALL STA 258 TO 294 LH	1	A
- 33	5188671-97	PANEL ASSY, UPHOLSTERED CABIN WALL STA 258 TO 294 RH	1	A
- 34	5188671-112	PANEL ASSY, UPHOLSTERED CABIN WALL STA 294 TO 333 AND 372 TO 411 LH	2	A
- 35	5188671-113	PANEL ASSY, UPHOLSTERED CABIN WALL STA 294 TO 333 RH	1	A
- 36	5188671-30	PANEL ASSY, UPHOLSTERED CABIN WALL STA 411 TO 450 LH	1	A
- 37	5188671-31	PANEL ASSY, UPHOLSTERED CABIN WALL STA 411 TO 450 RH	1	A
- 38	4188713	POCKET ASSY, CABIN WALL LITERATURE (USED ON 5188671-90 AND -91)	2	A
- 39	AN505-3-12	SCREW, (USED ON 5188671-90 AND -91)	26	A
	AN340-3	NUT, (USED ON 5188671-90 AND -91)	26	A
- 40	AN227-13B	STUD, (USED ON 5188671-90 AND -91)	26	A
- 41	4188895	COVER ASSY, MAIN CABIN WALL OXYGEN OUTLET	1	A
- 42	S136713-1	KNOB, DOOR FASTENER	1	A
	MS20341-8S	NUT, (ALT PN AN340-8)	1	A
- 43	2018378	RETAINER, AUXILIARY EXIT DOOR HANDLE COVER	3	A
		(ATTACHING PARTS)		
	S2656011-6-6	SCREW, (ALT PN S1114191A6-6)	9	A
		----*----		
- 44	5188671-64	PANEL ASSY, UPHOLSTERED CABIN WALL	3	A
- 45	5188671-52	PANEL ASSY, UPHOLSTERED CABIN WALL STA 333 TO 372 LH	1	A
- 46	5188671-53	PANEL ASSY, UPHOLSTERED CABIN WALL STA 333 TO 372 RH	1	A
- 47	5188671-11	PANEL ASSY, UPHOLSTERED CABIN WALL STA 372 TO 411 RH	1	A
- 48	4188914	COVER ASSY, OXYGEN OUTLET UNDER ESCAPE WINDOW	1	A
- 49	S136713-1	KNOB, DOOR FASTENER	1	A
	MS20341-8S	NUT, (ALT PN AN340-8)	1	A
- 50	5188671-16	PANEL ASSY, UPHOLSTERED CABIN WALL STA 450 TO 461	1	A
- 51	5188671-2	PANEL ASSY, UPHOLSTERED CABIN WALL STA 492 TO 511	1	A
- 52	5188671-44	PANEL ASSY, UPHOLSTERED CABIN WALL STA 450 TO 496 (RH ONLY)	1	A
		A 542 THRU 554		

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

PATRICIA AIR TRANSPORT LTD.
BOX 428
SIOUX LOOKOUT, ONTARIO
POV 2T0

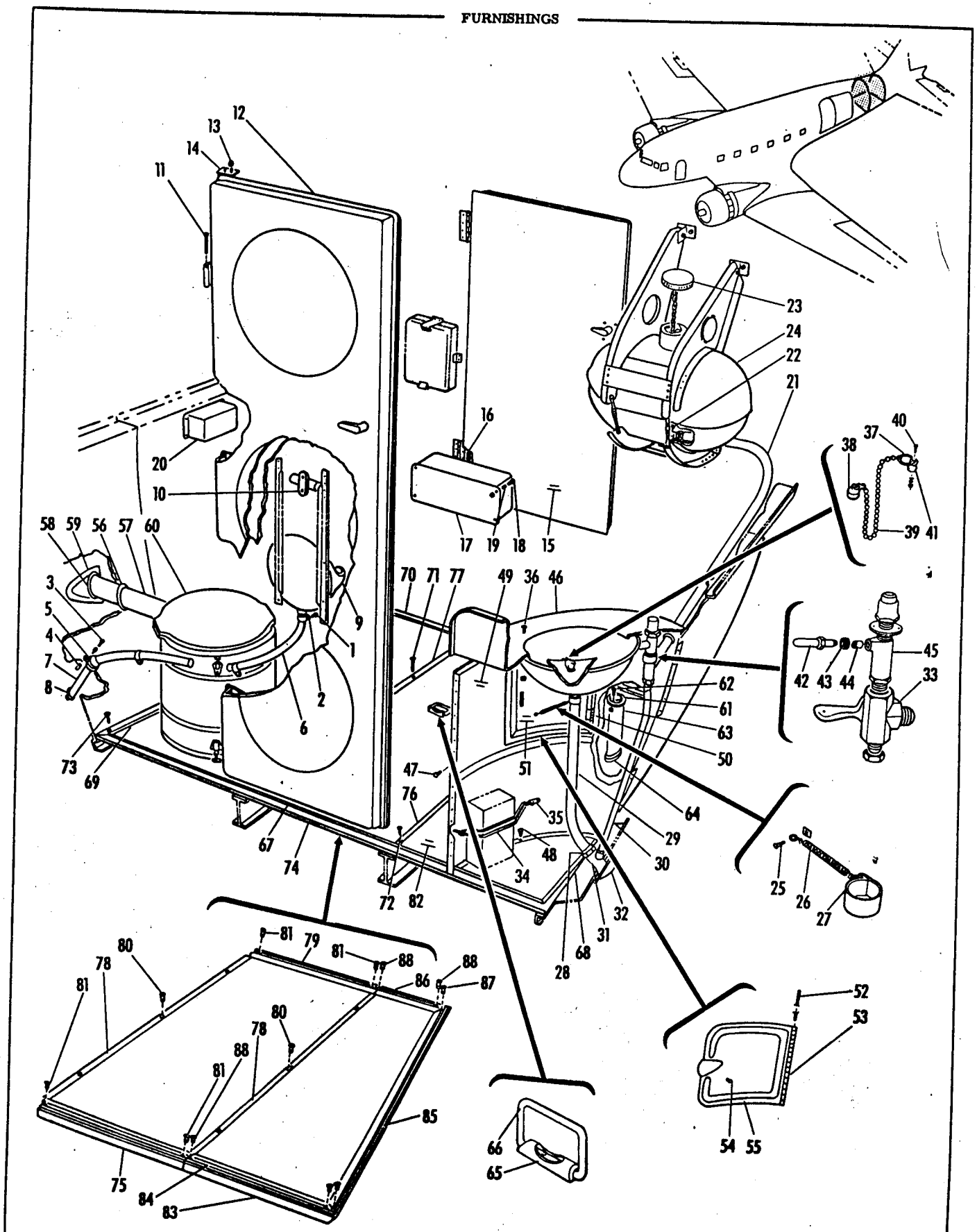

Figure 213. Lavatory

V4-288

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
213	5110545	LAVATORY INSTL. (SEE FIG. 16 FOR NHA)	REF	A
- 1	MS24621-30	SCREW, (ALT PN AN530-8-8)	1	A
- 2	1754-7-2-6	CLAMP, (00502) (ALT PN 1755-8-2-6 (00502))	1	A
- 3	MS35206-246	SCREW, (ALT PN AN515-8-10)	2	A
- 4	6480	LOKSKRU, (17875)	1	A
	MS21044N08	NUT, (ALT PN AN365-832)	1	A
- 5	739-10	CLIP, (00502) (ALT PN 766-10 (00502))	1	A
- 6	5110545-38	TUBE, LAVATORY	1	A
- 7	5110545-40	TUBE, LAVATORY	1	A
- 8	MS35489-17	GROMMET, (ALT PN AN931-10-14)	1	A
- 9	1944	URINAL ASSY, (78275)	1	A
		(ATTACHING PARTS)		
	MS35207-232	SCREW, (ALT PN S1027300-6-12)	4	A
	MS21044N06	NUT, (ALT PN AN365-632)	4	A
- 10	1505	ROLLER ASSY, (78275)	1	A
- 11	MS20392-1C65	PIN, (ALT PN AN392-65)	2	A
- 12	5113068	DOOR ASSY, LAVATORY (SEE FIG. 215 FOR DETAILS)	1	A
- 13	MS21044N3	NUT, (ALT PN AN365-1032)	2	A
- 14	1118542	STOP ASSY, LAVATORY DOOR	2	A
- 15	5117314	DOOR ASSY, LAVATORY REAR (ALT PN 5142961)	1	A
		(SEE FIG. 215 FOR DETAILS)		
	5142961	DOOR ASSY, LAVATORY REAR WOOD (SEE FIG. 215 FOR DETAILS)	1	A
- 16	5110545-14	STRIP, LAVATORY DOOR SEAL	1	A
- 17	1518	HOLDER ASSY, TOWEL (86990)	1	A
		(ATTACHING PARTS)		
- 18	MS35207-263	SCREW, (ALT PN S1027300-10-8)	4	A
- 19	NAS43DD3-12	SPACER, (ALT PN S2033900-5D049-006)	4	A
	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
- 20	1513	HOLDER ASSY, PAPER (86990)	1	A
		(ATTACHING PARTS)		
	MS24621-8	SCREW, (ALT PN S1114190Z4-4)	4	A
- 21	2118889	TUBE ASSY, LAVATORY WASH WATER	1	A
- 22	BCT-S	ELBOW, (09523)	1	A
- 23	1117299	CAP ASSY, WATER TANK	1	A
- 24	5117954	TANK INSTL, WATER (SEE FIG. 215 FOR DETAILS)	1	A
- 25	MS35206-245	SCREW, (ALT PN S1027301-8-8)	1	A
	MS21044N08	NUT, (ALT PN AN365-832)	1	A
- 26	1117167	SPRING, WASHBASIN DOOR	1	A
- 27	MS21919DG15	CLAMP, (ALT PN 755-15 (00502))	1	A
- 28	12	CLAMP ASSY, (66295)	1	A
- 29	2118891-4	PIPE, WASHBASIN DRAIN	1	A
- 30	2118891-2	PIPE ASSY, WASHBASIN DRAIN	1	A
- 31	2118396	OUTLET, LAVATORY DRAIN	1	A
- 32	2117136	CLAMSHELL, WASHBASIN DRAIN	1	A
- 33	11-1840-6	VALVE ASSY, PLUG (09523)	1	A
- 34	2139502	CORD ASSY, LAVATORY BOWL CHEMICAL CONTAINER STOWAGE	1	A
	AN960D416	WASHER	1	A
	MS21044N4	NUT, (ALT PN AN365-428)	1	A
- 35	S141905	HOOK, MICROPHONE	1	A
		(ATTACHING PARTS)		
	MS35206-229	SCREW, (ALT PN AN515-6-7)	2	A
	AN960D6	WASHER	2	A
	MS21044N06	NUT, (ALT PN AN365-632)	2	A
- 36	S1027304-10-14	SCREW, RECESSED OVAL HEAD FINE THREAD	6	A
	MS21044N3	NUT, (ALT PN AN365-1032)	6	A
	5115009	WASHBASIN ASSY, LAVATORY	1	A
- 37	10A	FASTENER, CHAIN (70892) (ALT PN 2T4797 (78988))	2	A
- 38	3	STOPPER, LAVATORY FLASK (75345)	1	A
- 39	2T4796	CHAIN ASSY, (78988)	1	A
- 40	MS35206-236	SCREW, (ALT PN AN515-6-24)	1	A
	AN960D6L	WASHER, (ALT PN AN960A6L)	2	A
	MS21044N06	NUT, (ALT PN AN365-632)	1	A
- 41	1S1494	BOLT, CHAIN STAY (78988)	1	A
- 42	1118887	BOLT, WASHBASIN INLET	1	A
- 43	MS35489-11	GROMMET, (ALT PN AN931-6-10)	1	A
- 44	1118932	SPACER, WASHBASIN INLET BOLT	1	A
- 45	41	FAUCET, SELF CLOSING (71863)	1	A
- 46	1512	BASIN, LAVATORY (86990)	1	A
- 47	COML	SCREW, CADMIUM PLATED SELF TAPPING 6 X 1/2 (TYPE A) (45772)	36	A
- 48	COML	SCREW, CADMIUM PLATED SELF TAPPING 6 X 3/4 (TYPE A) (45772)	15	A
- 49	5141038	PANEL ASSY, WASHBASIN CABINET PLYWOOD (ALT PN 5117180)	1	A
	5117180	PANEL ASSY, WASHBASIN CABINET	1	A
- 50	NO NUMBER	HINGE ASSY, BUTT 7/8 X 1-1/2 (96814) (USED ON 5141038)	2	A
- 51	5141038-28	DOOR, WASHBASIN PANEL	1	A
	4117177	DOOR ASSY, WASHBASIN CABINET (USED ON 5117180)	1	A
- 52	S121873-091-928	PIN, SAFETY	1	A
- 53	S121874D1000	HINGE ASSY, BLANK HOOD	1	A
- 54	1117176	HOOK, WASHBASIN CABIN DOOR	1	A
- 55	4117177-2	DOOR, WASHBASIN CABINET	1	A
	4114481	PIPE ASSY, TOILET VENT	1	A
- 56	1114623	GROMMET, TOILET VENT PIPE	1	A
- 57	4114481-2	PIPE, TOILET VENT	1	A
- 58	1114623	GROMMET, TOILET VENT PIPE	1	A

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
213 - 59	4114482	CLAMSHELL, TOILET VENT	1	A
- 60	2142822	BUCKET ASSY, LAVATORY (SEE FIG. 215 FOR DETAILS)	1	A
- 61	50758	BUTTON, PLUG (61864)	1	A
- 62	MS35206-228	SCREW, (ALT PN S1027301-6-6)	4	A
	MS21044N06	NUT, (ALT PN AN365-632)	4	A
- 63	2119039	PIPE, DRAIN	1	A
- 64	MS35489-27	GROMMET, (ALT PN AN931-24-28)	1	A
- 65	2112292	RING, FLOOR TIEDOWN ATTACH (MAKE FROM 2112312)	4	A
		(ATTACHING PARTS)		
	AN3-17A	BOLT	8	A
	NAS1025N3	NUT, (ALT PN S1048511F10)	8	A
- 66	1112389	BLANK, FLOOR TIEDOWN RING FORGING	4	A
- 67	5110545-24	MOULDING, LAVATORY (MAKE FROM S1115071-2300)	2	A
- 68	5110545-22	MOULDING, LAVATORY (MAKE FROM S1115070-4700)	2	A
- 69	5110545-20	MOULDING, LAVATORY (MAKE FROM S1115071-1200)	2	A
- 70	5110545-18	MOULDING, LAVATORY (MAKE FROM S1115071-1816)	2	A
- 71	AN507-1032R24	SCREW, (ALT PN S1087510-10-24)	4	A
- 72	MS35207-264	SCREW, (ALT PN S1027300-10-20)	16	A
- 73	AN507-1032R20	SCREW, (ALT PN S1087510-10-20)	16	A
- 74	5115020	FLOOR ASSY, LAVATORY CENTER (ALT PN 5141203)	1	A
- 75	5141203	FLOOR ASSY, LAVATORY CENTER WOOD	1	A
- 76	5115020-12	STRIP, LAVATORY CENTER FLOOR LH	1	A
- 77	5115020-13	STRIP, LAVATORY CENTER FLOOR RH	1	A
		(ATTACHING PARTS)		
	AN507-832R8	SCREW, (ALT PN S1087510-8-8)	22	A
	MS21044N08	NUT, (ALT PN AN365-832)	22	A
- 78	5141203-8	STRIP, LAVATORY CENTER WOOD FLOOR	2	A
- 79	5141203-10	RETAINER, LAVATORY CENTER WOOD FLOOR (MAKE FROM S1118078-1726)	2	A
		(ATTACHING PARTS)		
- 80	AN545B6R5	SCREW, (USED WITH 5141203-8)	6	A
- 81	AN550B3R5	SCREW, (USED WITH 5141203-10)	10	A
- 82	5115021	FLOOR ASSY, LAVATORY OUTER LH (ALT PN 5141158)	1	A
	5115021-1	FLOOR ASSY, LAVATORY OUTER RH (ALT PN 5141159)	1	A
- 83	5141158	PANEL ASSY, LAVATORY LH FLOOR	1	A
	5141159	PANEL ASSY, LAVATORY RH FLOOR	1	A
- 84	5141158-8	RETAINER, LAVATORY LH FLOOR PANEL (MAKE FROM S1118078-2108)	1	A
	5141159-8	RETAINER, LAVATORY RH FLOOR PANEL (MAKE FROM S1118078-2108)	1	A
- 85	5141158-10	RETAINER, LAVATORY LH FLOOR PANEL (MAKE FROM S1118078-4600)	1	A
	5141159-10	RETAINER, LAVATORY RH FLOOR PANEL (MAKE FROM S1118078-4600)	1	A
- 86	5141158-12	RETAINER, LAVATORY LH FLOOR PANEL (MAKE FROM S1118078-1016)	1	A
	5141159-12	RETAINER, LAVATORY RH FLOOR PANEL (MAKE FROM S1118078-1016)	1	A
		(ATTACHING PARTS)		
- 87	AN550B3R3	SCREW, (USED WITH 5141158-8 AND 5141159-8)	12	A
- 88	AN550B3R5	SCREW, (USED WITH 5141158-10, -12, 5141159-10 AND -12)	10	A
		A 001 THRU 541 AND 555 THRU 558		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

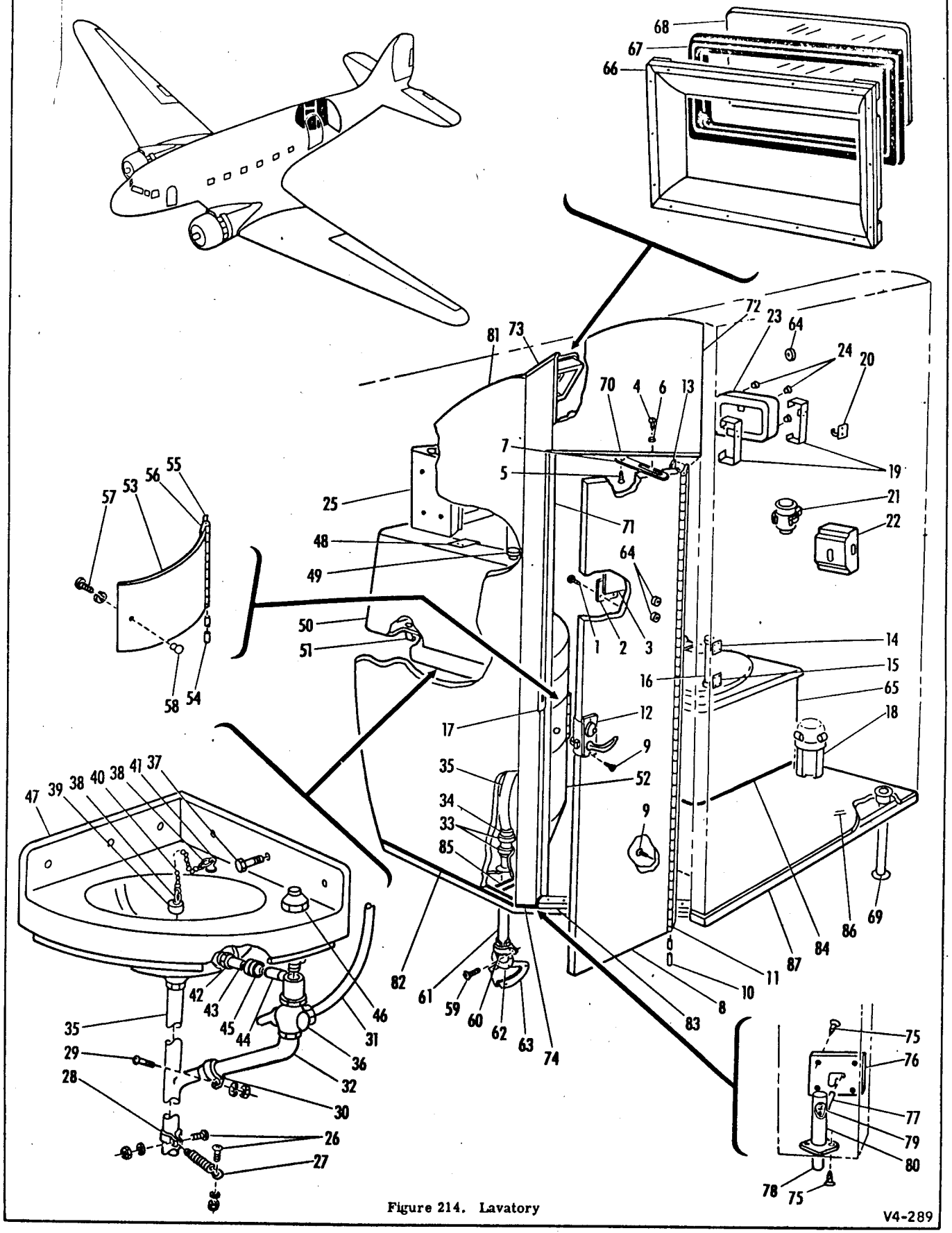

Figure 214. Lavatory

V4-289

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
214	5188220	LAVATORY INSTL, (SEE FIG. 16 FOR NHA)	REF	A
- 1	AN545-8R4	SCREW	12	A
- 2	1011032	CLIP, MIRROR CORNER	4	A
- 3	1011179	MIRROR, DRESSING ROOM	1	A
- 4	AN545-10R8	SCREW	1	A
- 5	AN550-10R5	SCREW	1	A
- 6	5188220-40	SPACER, DOOR STOP	1	A
- 7	5188220-39	STOP, LAVATORY DOOR	1	A
- 8	5012816	DOOR ASSY, LAVATORY	1	A
		(ATTACHING PARTS)		
	MS35190-251	SCREW, (ALT PN AN505-8-6)	28	A
		|--|-|-|-|-|		
- 9	S2565010-6-6	SCREW, 100 DEGREE RECESSED FLAT HEAD SHEET METAL (ALT PN S1114189A6-6)	37	A
	2013640	HINGE ASSY, LAVATORY DOOR	1	A
- 10	S121873S091-3300	PIN, SAFETY		A
- 11	2013640-2	HINGE ASSY, LAVATORY DOOR (MAKE FROM S129900D6804)		A
- 12	U5151-2	LOCK ASSY, (80477)	1	A
- 13	5188220-74	STRIP, LAVATORY DOOR	1	A
	5188220-38	HANDLE ASSY, LAVATORY DOOR ASSIST	1	A
		(ATTACHING PARTS)		
	MS35207-263	SCREW, (ALT PN AN526-1032-8)	6	A
		|--|-|-|-|-|		
- 14	S246096	BRACKET, MAIN DOOR CABIN ASSIST HANDLE LH	1	A
- 15	S246096-1	BRACKET, MAIN DOOR CABIN ASSIST HANDLE RH	1	A
- 16	5188220-33	TUBE, LAVATORY DOOR ASSIST HANDLE	1	A
- 17	1077474	PLATE, LAVATORY DOOR CATCH	1	A
		(ATTACHING PARTS)		
	AN550-4R5	SCREW	2	A
		|--|-|-|-|-|		
- 18	4026178-4	CONTAINER ASSY, SICKNESS CUP	1	A
		(ATTACHING PARTS)		
	MS35206-243	SCREW, (ALT PN S124630-8-6)	2	A
		WASHER, (PN S143908-006D024-040)	2	A
	MS21044N08	NUT, (ALT PN AN365-832)	2	A
		|--|-|-|-|-|		
- 19	2010961	BRACKET ASSY, TISSUE CARTON SPRING	2	A
		(ATTACHING PARTS)		
	AN545-4R4	SCREW	6	A
		|--|-|-|-|-|		
- 20	2T8828	HOOK, ROBE (78988)	1	A
- 21	8621	RECEIVER ASSY, ASH (81724)	1	A
- 22	1513	HOLDER ASSY, PAPER (86990)	1	A
		(ATTACHING PARTS)		
	MS35206-244	SCREW, (ALT PN AN515-8-7)	4	A
	MS21044D08	NUT, (ALT PN AN365D832)	4	A
		|--|-|-|-|-|		
- 23	97765	KIT ASSY, FIRST AID (GFAE)	1	A
- 24	AN227-19S	FASTENER	4	A
- 25	4011734	RACK ASSY, DRESSING ROOM TOWEL	1	A
		(ATTACHING PARTS)		
	NO NUMBER	SCREW, BINDER HEAD SHEET METAL 8 X 3/8 (TYPE A)	4	A
		|--|-|-|-|-|		
- 26	MS35206-241	SCREW, (ALT PN AN515-8-4)	2	A
	AN960-8	WASHER	2	A
	MS21044N08	NUT, (ALT PN AN365-832)	2	A
- 27	1117167	SPRING, WASHBASIN DOOR	1	A
- 28	S127057-16	CLIP, LOOP TYPE TUBE	1	A
- 29	MS35206-244	SCREW, (ALT PN AN515-8-7)	1	A
	MS35338-42	WASHER, (ALT PN AN935-8)	1	A
	MS20341-8S	NUT, (ALT PN AN340-8)	1	A
- 30	S127057-10	CLIP, LOOP TYPE TUBE	1	A
- 31	5188220-20	TUBE ASSY, LAVATORY	1	A
- 32	5188220-57	TUBE ASSY, LAVATORY	1	A
- 33	A3122-22-1	CLAMP ASSY, (78553) (ALT PN A3122-22-59 (78553))	2	A
- 34	AN882-16-11	HOSE, LAVATORY	1	A
- 35	5188220-50	TUBE ASSY, LAVATORY (WELDED)	1	A
- 36	11-1840-6	VALVE ASSY, PLUG (09523)	1	A
	574225-17	WASHBASIN ASSY, LAVATORY	1	A
- 37	10-32	SCREW, OVAL HEAD NICKEL PLATED BRASS MACHINE 1 IN. (78988)	1	A
- 38	10A	FASTENER, BEAD CHAIN (70892)	2	A
- 39	NO NUMBER	PLUG, 3/4 IN. WHITE RUBBER (75345)	1	A
- 40	10	CHAIN, NICKEL SILVER BEAD (78988)	1	A
- 41	637	BOLT, CHAIN STAY (78988)	1	A
- 42	1104700	BOLT, LAVATORY WASHBASIN INLET	1	A
- 43	NAS43DD8-80	SPACER, (ALT PN S2033900-10D095-108)	1	A
- 44	1000428	SPACER, LAVATORY BASIN INLET BOLT	1	A
- 45	MS35489-11	GROMMET, (ALT PN AN931-6-10)	1	A
- 46	51	FAUCET ASSY, SELF CLOSING ALUMINUM (71863)	1	A
- 47	574225-16	WASHBASIN ASSY, LAVATORY	1	A
- 48	1145698	STRAP ASSY, WASHBASIN WATER TANK	1	A
- 49	1012987	PLUG, WASHBASIN DRAIN	1	A
- 50	5344389	TANK ASSY, WASHBASIN WATER	1	A
- 51	AAF811CT8D	ELBOW	1	A
- 52	5188220-24	CABINET ASSY, LAVATORY	1	A
- 53	4007054	DOOR ASSY, WASHBASIN CABINET	1	A
- 54	S121873-091-724	PIN, SAFETY	1	A

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
	CONTINUED			
214 - 55	4007054-3	HINGE, WASHBASIN CABINET DOOR (MAKE FROM S121874AD728)	1	A
- 56	4007054-4	HINGE, WASHBASIN CABINET DOOR (MAKE FROM S121874BD728)	1	A
- 57	MS35207-261	SCREW, (ALT PN AN520-10-6)	1	A
	MS35338-43	WASHER, (ALT PN AN935-10)	1	A
- 58	1189001	KNOB, BUFFET DOOR	1	A
- 59	MS35207-260	SCREW, (ALT PN AN520-10-5)	1	A
	MS21044N3	NUT, (ALT PN AN365-1032)	1	A
- 60	S127057-17	CURB, DOOR TYPE TUBE	1	A
- 61	5188220-10	TUBE, WASHBASIN DRAIN	1	A
- 62	5188220-19	TUBE ASSY, WASHBASIN DRAIN (WELDED)	1	A
- 63	2109793	CLAMSHELL, WASHBASIN DRAIN	1	A
- 64	S139675	BUMPER, 1/2 X 5/8 IN.	3	A
		(ATTACHING PARTS)		
	MS35206-231	SCREW, (ALT PN AN515-6-10)	3	A
	AN960D6	WASHER	3	A
	MS21044N06	NUT, (ALT PN AN365-632)	3	A
- 65	5011012-500	TOILET ASSY, LAVATORY (SEE FIG. 216 FOR DETAILS)	1	A
- 66	2007901-6	FRAME ASSY, SKYLIGHT	1	A
		(ATTACHING PARTS)		
	MS35207-245	SCREW, (ALT PN AN520-8-8)	14	A
- 67	S2005009-5	STRIP, WINDOW GLASS RETAINING	1	A
- 68	2015821	GLASS, LAVATORY WINDOW	1	A
- 69	5188220-16	TUBE ASSY, LAVATORY (WELDED)	1	A
	5188220-23	PARTITION ASSY, LAVATORY STA 497	1	A
- 70	5188220-17	STRIP, LAVATORY PARTITION	1	A
- 71	5188220-18	STRIP, LAVATORY PARTITION	1	A
- 72	2013542	HEADER, LAVATORY DOOR	1	A
- 73	3013644	PARTITION ASSY, LAVATORY STA 497 TO 510	1	A
- 74	3013644-2	STRIP, LAVATORY PARTITION	1	A
- 75	AN550-3R3	SCREW	6	A
- 76	1006525	PLATE, DRESSING ROOM PARTITION LOCK	1	A
	1013592	BODY ASSY, LAVATORY LOCK	1	A
- 77	1006524	HANDLE, DRESSING ROOM PARTITION LOCK	1	A
- 78	1013591	PLUNGER, LAVATORY LOCK	1	A
- 79	1006522	SPRING, DRESSING ROOM PARTITION LOCK	1	A
- 80	1013590	GUIDE ASSY, LAVATORY LOCK	1	A
- 81	5189134	PARTITION ASSY, LAVATORY STA 497	1	A
- 82	5189134-2	STRIP, LAVATORY PARTITION STA 497	1	A
- 83	5188220-43	STRIP, RETAINER	1	A
- 84	5188220-70	STRIP, LAVATORY TOILET SIDE	1	A
- 85	5188220-72	STRIP, LAVATORY FLOOR	1	A
- 86	5188220-42	COVER, LAVATORY FLOOR	1	A
- 87	5012810-501	FLOOR AND SUPPORT INSTL, LAVATORY (SEE FIG. 216 FOR DETAILS)	1	A
		A 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

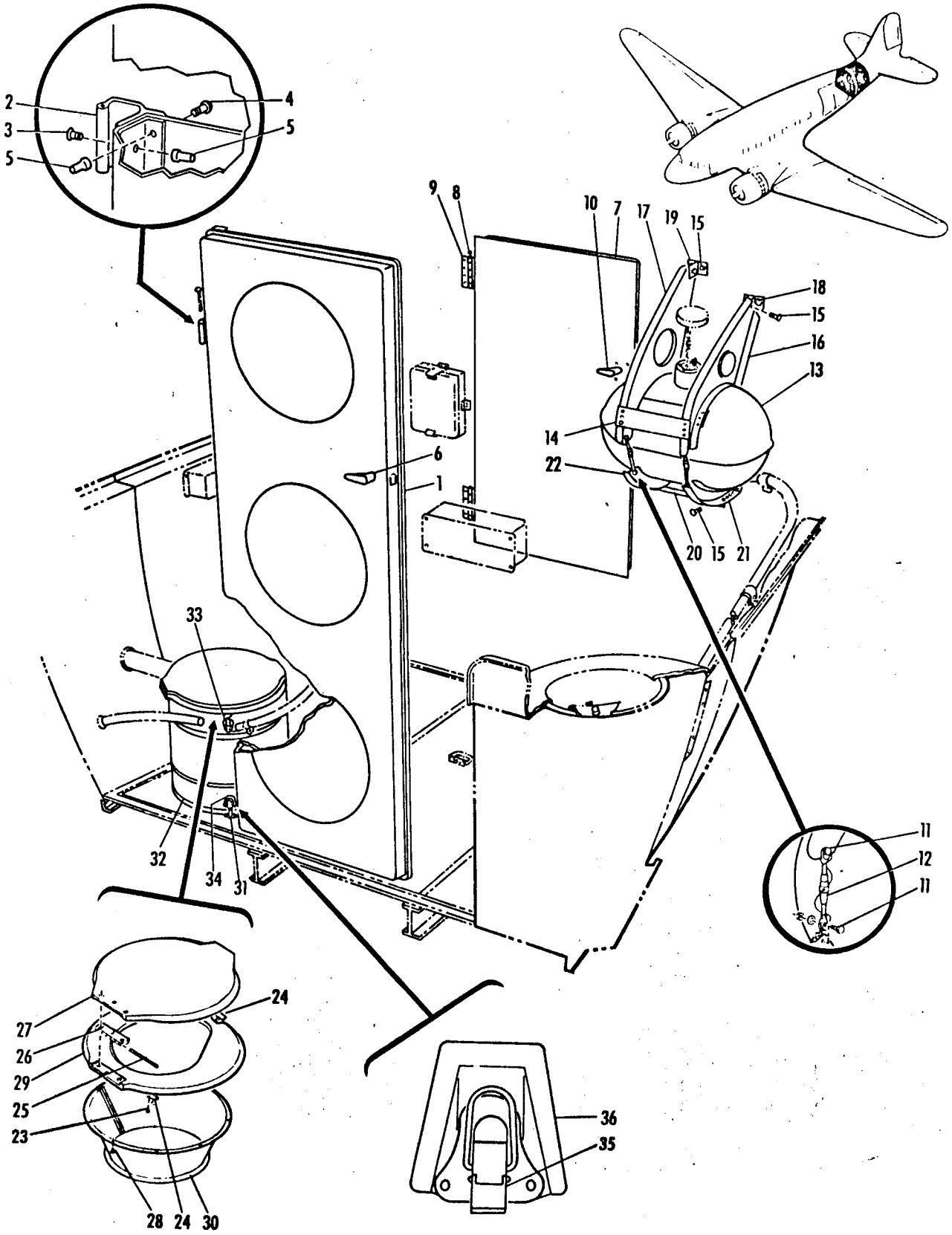

Figure 215. Lavatory Doors, Water Tank, and Bucket

V4-290

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
215		LAVATORY DOORS, WATER TANK AND BUCKET		
- 1	5113068	DOOR ASSY, LAVATORY (SEE FIG. 213 FOR NHA)	REF	A
- 2	5113068-10	HINGE, LAVATORY DOOR (MAKE FROM S1113240-124)	2	A
		(ATTACHING PARTS)		
- 3	AN507-832R10	SCREW	4	A
- 4	MS35206-246	SCREW, (ALT PN S1027301-8-10)	4	A
- 5	6780	LOKSKRU, (17875)	8	A
		----*----		
- 6	UD47	LATCH ASSY, (80477)	1	A
		(ATTACHING PARTS)		
	S1049017-8-8	SCREW, SPECIAL INTERIOR FINISH RECESSED HEAD	4	A
	MS21044N08	NUT, (ALT PN AN365-832)	4	A
		----*----		
- 7	5117314	DOOR ASSY, LAVATORY REAR (ALT PN 5142961)	REF	A
		(SEE FIG. 213 FOR NHA)		
	5142961	DOOR ASSY, LAVATORY REAR WOOD (SEE FIG. 213 FOR NHA)	REF	A
- 8	S1027965S091-324	PIN, STAINLESS STEEL HINGE	2	A
- 9	5117314-6	HINGE ASSY, LAVATORY REAR DOOR	2	A
		(MAKE FROM S166093C000-324-050)		
	2143170	HINGE ASSY, REAR LAVATORY DOOR (USED ON 5142961)	2	A
		(ATTACHING PARTS)		
	MS21207-8-6	SCREW, (ALT PN S111418928-6) (USED WITH 2143170)	6	A
	NAS446-4-1	NUT, (ALT PN 1778M1 (78553)) (USED WITH 2143170)	6	A
		----*----		
	S1027965S091-324	PIN, STAINLESS STEEL HINGE (USED ON 2143170)	1	A
	2143170-4	HINGE, REAR LAVATORY DOOR (MAKE FROM S121874ADC324)	1	A
	2143170-2	HINGE, REAR LAVATORY DOOR (MAKE FROM S145062AD324)	1	A
- 10	UD48	LATCH ASSY, (80477)	1	A
		(ATTACHING PARTS)		
	S1049017-8-8	SCREW, SPECIAL INTERIOR FINISH RECESSED HEAD	4	A
	MS21044N08	NUT, (ALT PN AN365-832)	4	A
		----*----		
	5117954	TANK INSTL, WATER (SEE FIG. 213 FOR NHA)	REF	A
- 11	AN3-5A	BOLT	4	A
	AN960-10L	WASHER	4	A
	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
- 12	AN150-16S	TURNBUCKLE ASSY	2	A
- 13	5115833	TANK ASSY, WASHBASIN WATER	1	A
- 14	5117954-2	PLATE, WATER TANK BRACKET	2	A
- 15	AN3-4A	BOLT	8	A
	AN960-10L	WASHER	8	A
	MS21044N3	NUT, (ALT PN AN365-1032)	8	A
- 16	5117956	BRACKET, WATER TANK LEFT SIDE UPPER	1	A
- 17	5117955	BRACKET, WATER TANK RIGHT SIDE UPPER	1	A
- 18	1116261	CLIP, WATER TANK ATTACH (MAKE FROM S137058-100)	1	A
- 19	1137667	CLIP, WATER TANK ATTACH (MAKE FROM S137058-104)	1	A
- 20	4118152	BRACKET, WATER TANK LOWER SUPPORT	1	A
- 21	5115934	BRACKET, WATER TANK SEATING LH	1	A
- 22	5115934-1	BRACKET, WATER TANK SEATING RH	1	A
	2142822	BUCKET ASSY, LAVATORY (SEE FIG. 213 FOR NHA)	REF	A
	5142633	SEAT AND COVER ASSY, LAVATORY BUCKET	1	A
- 23	S2656012-8-6	SCREW, RECESSED ROUND HEAD SHEET METAL (ALT PN S1114190A8-6)	6	A
- 24	1142761	HOOK, LAVATORY BUCKET	4	A
- 25	S1000759-120-320	PIN, HOOD HINGE	1	A
- 26	5142633-2	HINGE ASSY, LAVATORY BUCKET COVER (MAKE FROM S1084383S412)	1	A
- 27	4142782	COVER, LAVATORY BUCKET SEAT	1	A
- 28	S2656012-4-4	SCREW, RECESSED ROUND HEAD SHEET METAL (ALT PN S1114190A4-4)	9	A
- 29	4142781	SEAT, LAVATORY BUCKET	1	A
- 30	4142767	CONE, LAVATORY BUCKET	1	A
- 31	1142761	HOOK, LAVATORY BUCKET	3	A
- 32	5142546	SHELL ASSY, LAVATORY BUCKET	1	A
- 33	11092	LATCH ASSY, SUITCASE (99536)	1	A
- 34	2142742	SUPPORT ASSY, LAVATORY BUCKET BASE CLAMP	3	A
- 35	2142742-4	CLAMP ASSY, LAVATORY BUCKET BASE CLAMP SUPPORT	1	A
		(MAKE FROM 11092 (99536))		
- 36	2142742-2	BASE, LAVATORY BUCKET CLAMP SUPPORT	1	A
		A 001 THRU 541 AND 555 THRU 558		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

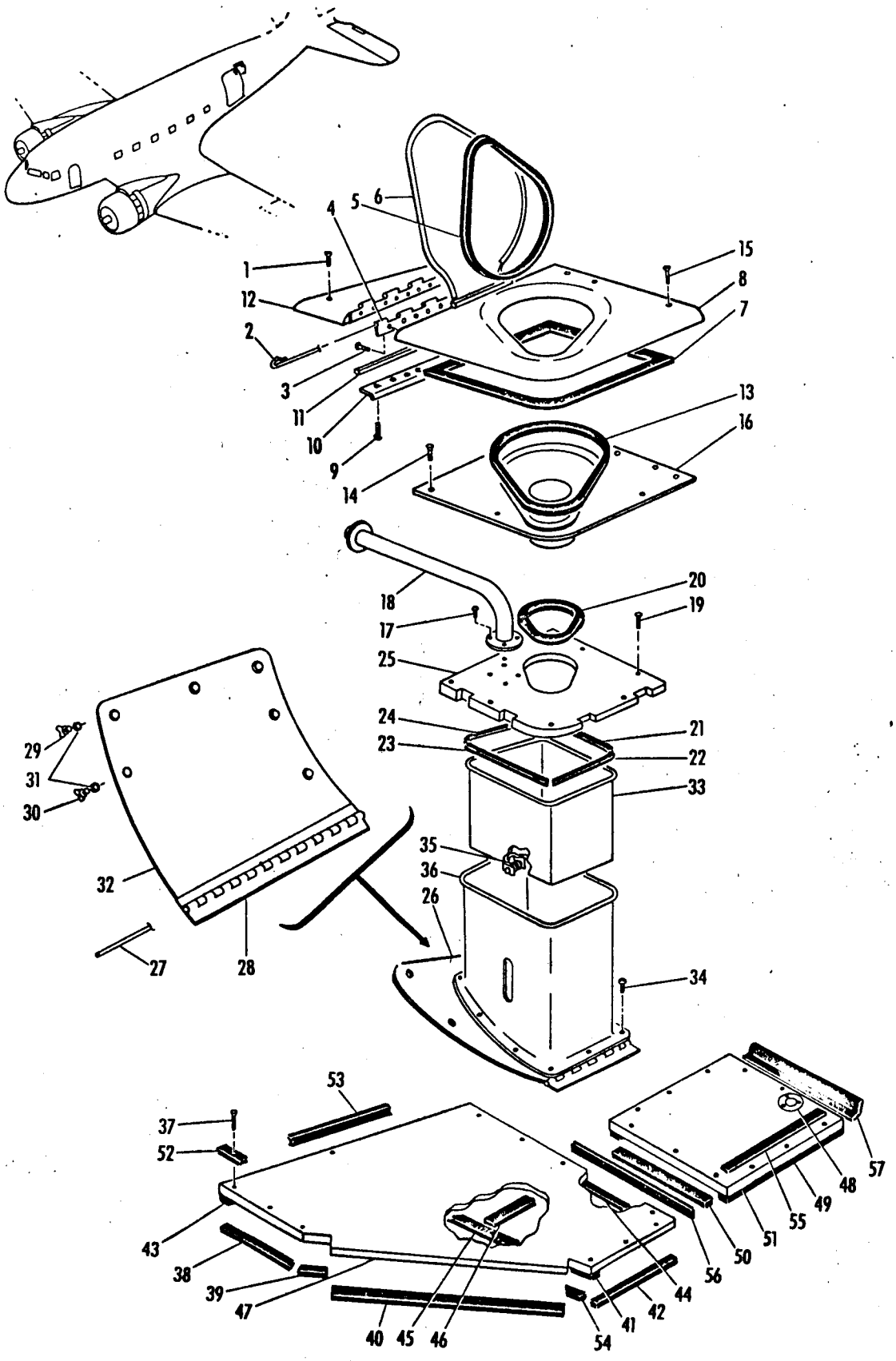

Figure 216. Lavatory Toilet, Floor and Support

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FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
216		LAVATORY TOILET, FLOOR AND SUPPORT		
	5011012-500	TOILET ASSY, (SEE FIG. 214 FOR NHA)	REF	A
- 1	MS35191-257	SCREW, (ALT PN AN510-8-14)	6	A
	4012828-500	SEAT ASSY, TOILET	1	A
- 2	S121873-091-1428	PIN, SAFETY	1	A
- 3	AN550-6-5	SCREW	22	A
	4012828-109	COVER ASSY, TOILET SEAT	1	A
- 4	4012828-106	HINGE ASSY, TOILET SEAT (MAKE FROM S129787D1500)	1	A
- 5	S132798-4700	STRIP, WATERTIGHT RUBBER	1	A
- 6	4012828-103	COVER, TOILET SEAT	1	A
- 7	4012828-12	PAD, TOILET SEAT	1	A
- 8	4012828-101	SEAT, TOILET	1	A
- 9	AN545-6-5	SCREW	12	A
- 10	4012828-10	ANGLE, TOILET SEAT	1	A
- 11	4012828-1	SPACER, TOILET SEAT	1	A
- 12	4012828-102	SEAT, TOILET ATTACH	1	A
- 13	5011012-2	STRIP, TOILET	1	A
- 14	MS35190-252	SCREW, (ALT PN AN505-8-7)	6	A
- 15	MS35190-258	SCREW, (ALT PN AN505-8-20)	3	A
- 16	4012830	BAFFLE ASSY, LAVATORY	1	A
- 17	MS35206-248	SCREW, (ALT PN AN515-8-14)	4	A
	AN940D8	WASHER	4	A
	MS21044N08	NUT, (ALT PN AN365-832)	4	A
- 18	2013340	PIPE ASSY, LAVATORY VENT	1	A
- 19	MS35191-257	SCREW, (ALT PN AN510-8-14)	14	A
	4012829	FLOOR ASSY, LAVATORY INNER	1	A
- 20	4012829-2	STRIP, LAVATORY INNER FLOOR	1	A
- 21	4012829-3	STRIP, LAVATORY INNER FLOOR	1	A
- 22	4012829-4	STRIP, LAVATORY INNER FLOOR	1	A
- 23	4012829-5	STRIP, LAVATORY INNER FLOOR	1	A
- 24	4012829-6	STRIP, LAVATORY INNER FLOOR	1	A
- 25	4012829-1	FLOOR, LAVATORY INNER	1	A
- 26	4344349	DOOR ASSY, LAVATORY CONTAINER	1	A
- 27	S121873-091-1124	PIN, SAFETY	1	A
- 28	S129787D1128	HINGE ASSY, 1-1/4 DRILLED HOOK	1	A
- 29	AW5-35-120	FASTENER, WING (72794)	3	A
- 30	AW5-35	FASTENER, WING (72794)	3	A
- 31	GA5-312	GROMMET, (72794)	6	A
- 32	4344349-2	DOOR, LAVATORY CONTAINER	1	A
- 33	4012831	CONTAINER ASSY, LAVATORY	1	A
- 34	MS35190-223	SCREW, (ALT PN AN505-4-6)	10	A
	MS21044N04	NUT, (ALT PN AN365-440)	10	A
- 35	S5A250	SPRING, (72794) (ALT PN 100A (72794))	5	A
- 36	5012832	ENCLOSURE ASSY, LAVATORY	1	A
	5012810-501	FLOOR AND SUPPORT INSTL, LAVATORY (SEE FIG. 214 FOR NHA)	REF	A
- 37	MS35207-267	SCREW, (ALT PN S124630-10-16)	25	A
	AN960-10	WASHER	25	A
	5136289	FLOOR ASSY, LAVATORY FORWARD	1	A
- 38	5136289-6	STRIP, LAVATORY FORWARD FLOOR	1	A
- 39	5136289-8	STRIP, LAVATORY FORWARD FLOOR	1	A
- 40	5136289-10	STRIP, LAVATORY FORWARD FLOOR	1	A
- 41	5136289-12	STRIP, LAVATORY FORWARD FLOOR	1	A
- 42	5136289-14	STRIP, LAVATORY FORWARD FLOOR	1	A
- 43	5136289-4	STRIP, LAVATORY FORWARD FLOOR	1	A
- 44	5136289-16	STRIP, LAVATORY FORWARD FLOOR	1	A
- 45	5136289-20	STRIP, LAVATORY FORWARD FLOOR	1	A
- 46	5136289-18	STRIP, LAVATORY FORWARD FLOOR	1	A
- 47	5136289-2	FLOOR, LAVATORY FORWARD	1	A
	4136290	FLOOR ASSY, LAVATORY AFT	1	A
- 48	1004825	DRAIN ASSY, LAVATORY FLOOR	1	A
		(ATTACHING PARTS)		
	S2656012-6-8	SCREW, RECESSED ROUND HEAD SHEET METAL (ALT PN S1114190A6-8)	3	A
		---*---		
- 49	4136290-4	STRIP, LAVATORY AFT FLOOR	2	A
- 50	4136290-6	STRIP, LAVATORY AFT FLOOR	2	A
- 51	4136290-2	PANEL, LAVATORY AFT FLOOR	1	A
- 52	5012810-7	STRIP, LAVATORY FLOOR	1	A
- 53	5012810-8	STRIP, LAVATORY FLOOR	1	A
- 54	5012810-6	STRIP, LAVATORY FLOOR	1	A
- 55	5012810-4	STRIP, LAVATORY FLOOR	1	A
- 56	5012810-11	STRIP, LAVATORY FLOOR	1	A
- 57	5012810-5	STRIP, LAVATORY FLOOR	1	A
		A 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

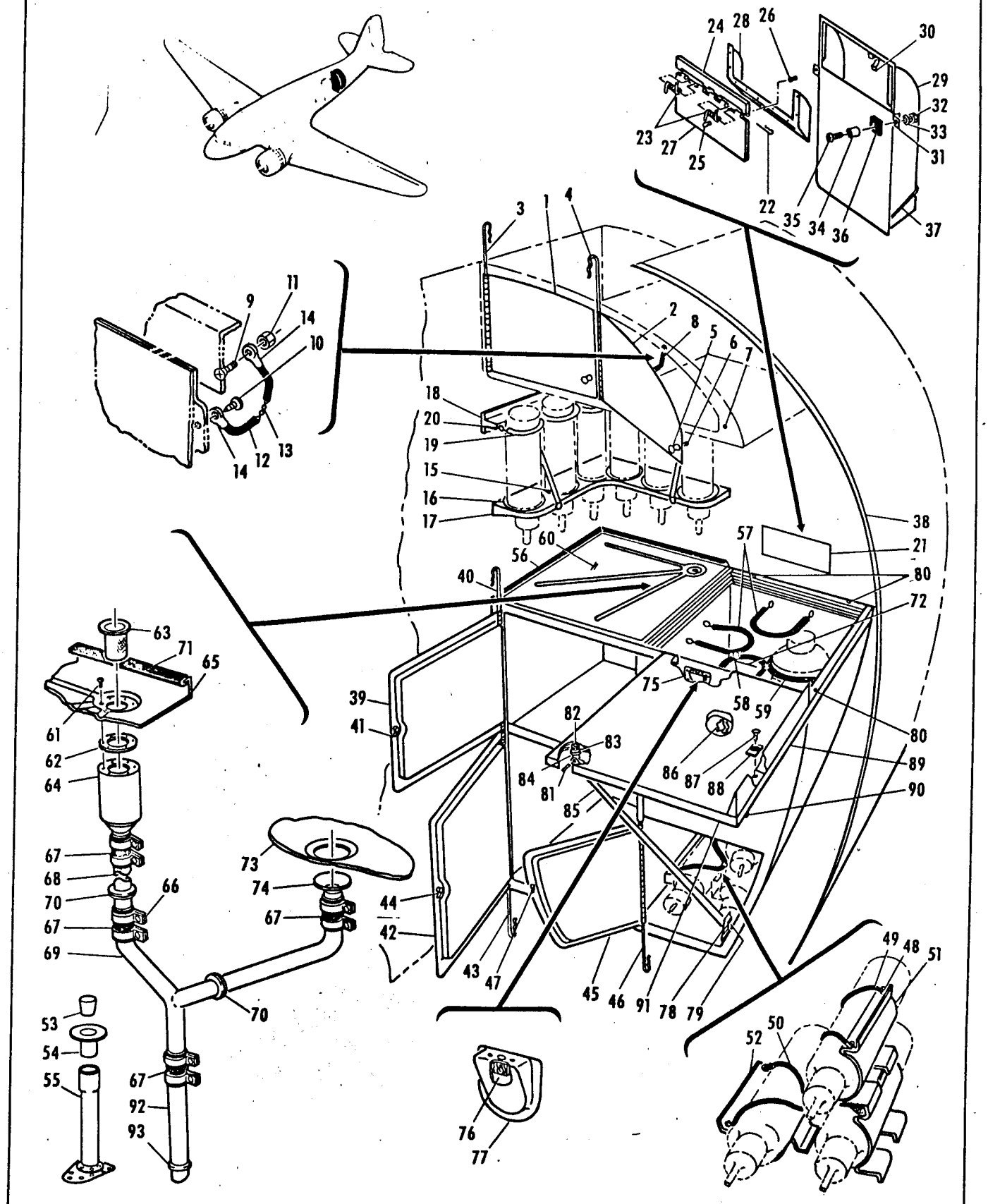

Figure 217. Buffet Equipment

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FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
217	5188722	EQUIPMENT INSTL, BUFFET (SEE FIG. 16 FOR NHA)	REF	A
- 1	4189145	DOOR ASSY, UPPER BUFFET INBOARD	1	A
- 2	4189146	DOOR ASSY, UPPER BUFFET OUTBOARD	1	A
- 3	S121873-091-1226	PIN, SAFETY	1	A
- 4	4189146-10	PIN, UPPER BUFFET OUTBOARD DOOR (MAKE FROM S121873-091-1012)	1	A
- 5	1189001	KNOB, BUFFET DOOR	1	A
- 6	S136713-1	KNOB, DOOR FASTENER	1	A
- 7	S137302	CLIP ASSY, DOOR FASTENER	2	A
- 8	5188722-20	CHAIN ASSY, BUFFET	1	A
		(ATTACHING PARTS)		
- 9	AN507-632R6	SCREW, (ALT PN AN507-632-6)	1	A
- 10	MS24621-17	SCREW, (ALT PN AN530-6-6)	1	A
- 11	MS21044N06	NUT, (ALT PN AN365-632)	1	A
- 12	5188722-22	COVER, CHAIN	1	A
- 13	2T4796	CHAIN ASSY, 6 IN. BEAD (78988)	1	A
- 14	10A	FASTENER, BEAD CHAIN (70892) (ALT PN 2T4797 (78988))	2	A
- 15	1073183	BRACE, THERMOS BOTTLE BRACKET	2	A
	4070693	BRACKET ASSY, THERMOS BOTTLE LOWER	1	A
- 16	2028249	SOCKET ASSY, THERMOS BOTTLE	6	A
		(ATTACHING PARTS)		
	AN545-6R5	SCREW, (ALT PN AN545-6-5)	48	A
- 17	4070693-1	BRACKET, THERMOS BOTTLE LOWER	1	A
- 18	4070692	BRACKET ASSY, INVERTED THERMOS BOTTLE	2	A
- 19	4070692-9	CORD ASSY, INVERTED THERMOS BOTTLE BRACKET	1	A
- 20	MS20115-8	SHACKLE, CABLE (ALT PN AN115-8)	4	A
		(ATTACHING PARTS)		
	MS35207-267	SCREW, (ALT PN AN520-10-16)	4	A
	AN960-10	WASHER	8	A
	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
- 21	2072461	DOOR ASSY, BUFFET WASTE CHUTE	1	A
- 22	S121873-091-908	PIN, SAFETY	1	A
- 23	S133509-4	SPRING, STANDARD HINGE	2	A
- 24	2072461-2	HINGE, BUFFET WASTE CHUTE DOOR HALF (MAKE FROM S129787AD912)	1	A
- 25	PC2457	KNOB, BUFFET WASTE CHUTE DOOR (01634)	1	A
- 26	S136713-1	KNOB, DOOR FASTENER	1	A
- 27	2072461-1	DOOR, BUFFET WASTE CHUTE	1	A
	4189030	CONTAINER AND CHUTE INSTL, COMMISSARY REFUSE	1	A
- 28	5189028-2	CHUTE ASSY, BUFFET REFUSE	1	A
- 29	5189028-4	CONTAINER ASSY, BUFFET REFUSE	1	A
- 30	S136714	SPRING, DOOR FASTENER	1	A
- 31	4189030-2	ANGLE ASSY, COMMISSARY REFUSE CONTAINER AND CHUTE	2	A
- 32	MS21044N3	NUT, (ALT PN AN365-1032)	1	A
- 33	AN960-10	WASHER	1	A
- 34	NAS43HT3-16	SPACER, (ALT PN S2033900-4S028-0008)	1	A
- 35	MS27039-1-10	SCREW, (ALT PN AN525-10-10)	1	A
- 36	4189030-14	PAD, RUBBER	1	A
- 37	4189030-6	CORD ASSY, COMMISSARY REFUSE CONTAINER AND CHUTE TIEDOWN (MAKE FROM 2189112-2500)	1	A
- 38	5188722-72	STRIP, BUFFET	1	A
		(ATTACHING PARTS)		
	MS21207-4-6	SCREW, (ALT PN S111418924-6)	35	A
- 39	4188998-12	DOOR ASSY, LOWER BUFFET UPPER	1	A
- 40	S121873-091-1912	PIN, SAFETY	1	A
- 41	9226	LOCK ASSY, LOWER BUFFET UPPER DOOR (80477)	1	A
- 42	4188998-10	DOOR ASSY, LOWER BUFFET LOWER	1	A
- 43	S121873-091-1312	PIN, SAFETY	1	A
- 44	9226	LOCK ASSY, LOWER BUFFET LOWER DOOR (80477)	1	A
- 45	4189140	DOOR ASSY, LOWER BUFFET	1	A
- 46	S121873-091-1720	PIN, SAFETY	1	A
- 47	9226	LOCK ASSY, LOWER BUFFET DOOR (80477)	1	A
	4072070	SUPPORT ASSY, SPARE BOTTLE UPPER	2	A
	4072071	SUPPORT ASSY, SPARE BOTTLE LOWER	1	A
		(ATTACHING PARTS)		
	AN526-832-18	SCREW	4	A
	S124682-2D16-065	WASHER	4	A
	MS21044N08	NUT, (ALT PN AN365-832)	4	A
- 48	MS21044N4	NUT, (ALT PN AN365-428)	2	A
- 49	4072070-5	CORD ASSY, SPARE BOTTLE UPPER	1	A
- 50	4072071-5	CORD ASSY, SPARE BOTTLE LOWER	1	A
- 51	4072070-1	SUPPORT, SPARE BOTTLE UPPER	1	A
- 52	4072071-1	SUPPORT, SPARE BOTTLE LOWER	1	A
- 53	S100	STOPPER, RUBBER (75345)	1	A
- 54	1004825	DRAIN ASSY, LAVATORY FLOOR	1	A
		(ATTACHING PARTS)		
	MS35206-249	SCREW, (ALT PN S124630-8-16)	3	A
	AN940D8	WASHER	3	A
	MS21044D08	NUT, (ALT PN AN365D832)	3	A
- 55	5188722-6	TUBE ASSY, BUFFET FLOOR DRAIN (WELDED)	1	A
- 56	5188722-82	STRIP, BUFFET (RUBBER) (MAKE FROM S177469-3N9600)	1	A
- 57	2189112-1212	CORD ASSY, ELASTIC TIEDOWN	2	A
- 58	2189112-1712	CORD ASSY, ELASTIC TIEDOWN	1	A

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
217 - 59	2189112-1224	CORD ASSY, ELASTIC TIEDOWN	1	A
	5189012	BUFFET ASSY, LOWER COMPARTMENT	1	A
- 60	5189023	SINK ASSY, BUFFET	1	A
	MS21044N06	NUT, (ALT PN AN365-632)	8	A
- 61	MS35190-238	SCREW, (ALT PN AN505-6-8)	8	A
- 62	1081530	GASKET, BUFFET DRAIN	1	A
- 63	2081737	SCREEN, BUFFET DRAIN	1	A
- 64	2081736	SUMP ASSY, BUFFET DRAIN	1	A
- 65	5189023-1	SINK, BUFFET	1	A
- 66	A3122-16	CLAMP, (78553)	8	A
- 67	5189012-47	TUBE, BUFFET SINK DRAIN	4	A
- 68	5189012-45	TUBE, BUFFET SINK DRAIN	1	A
- 69	5189012-10	TUBE ASSY, LOWER COMPARTMENT BUFFET (WELDED)	1	A
- 70	MS35489-22	GROMMET, (ALT PN AN931-14-20)	2	A
- 71	5189012-48	SEAL, STRIP LOWER COMPARTMENT BUFFET (MAKE FROM S177469-3N12000)	1	A
- 72	5189014	FLOOR ASSY, BUFFET FOOD JUG COMPARTMENT	1	A
- 73	5189014-2	PAN, BUFFET FOOD JUG COMPARTMENT FLOOR	1	A
- 74	S137220-12B200	TUBE, FLANGED	1	A
- 75	2189025	FITTING ASSY, BUFFET SERVICE TABLE (ATTACHING PARTS)	3	A
	NAS387-632-8	SCREW, (ALT PN S1133243-6-8)	15	A
	MS21044N06	NUT, (ALT PN AN365-632)	15	A
- 76	S137302	CLIP ASSY, DOOR FASTENER	1	A
- 77	2189025-2	FITTING, BUFFET SERVICE TABLE	1	A
- 78	5189012-32	PLATE, LOWER COMPARTMENT BUFFET TABLE LEG SUPPORT (ATTACHING PARTS)	1	A
	NAS387-632-8	SCREW, (ALT PN S1133243-632-8)	4	A
- 79	5189012-33	SPRING, LOWER COMPARTMENT BUFFET	1	A
- 80	S137302	CLIP ASSY, DOOR FASTENER	3	A
	5072167	TABLE ASSY, BUFFET SERVICE	1	A
- 81	5072167-13	PIN, BUFFET SERVICE TABLE LEG	1	A
- 82	MS21044N3	NUT, (ALT PN AN365-1032)	1	A
- 83	AN960-10	WASHER	1	A
- 84	AN42B3A	EYEBOLT, (ALT PN AN42-3A)	1	A
- 85	2070996	LEG ASSY, BUFFET SERVICE	1	A
- 86	S1205247	CLIP, STOWAGE	1	A
- 87	S2656011-6-8	SCREW, (ALT PN S1114191A6-8)	12	A
- 88	5072167-21	RETAINER, BUFFET SERVICE TABLE SPLASH PROTECTOR	1	A
- 89	5072167-17	PROTECTOR, BUFFET SERVICE TABLE SPLASH	1	A
- 90	S136713-1	KNOB, DOOR FASTENER (ATTACHING PARTS)	3	A
	AN960D8	WASHER, (ALT PN AN960A8)	9	A
	MS21044N08	NUT, (ALT PN AN365-832)	3	A
- 91	5072167-1	TABLE, BUFFET SERVICE	1	A
- 92	5188722-12	TUBE ASSY, BUFFET SINK DRAIN	1	A
- 93	MS35489-135	GROMMET, (ALT PN AN931-12-20)	1	A

A 542 THRU 554

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

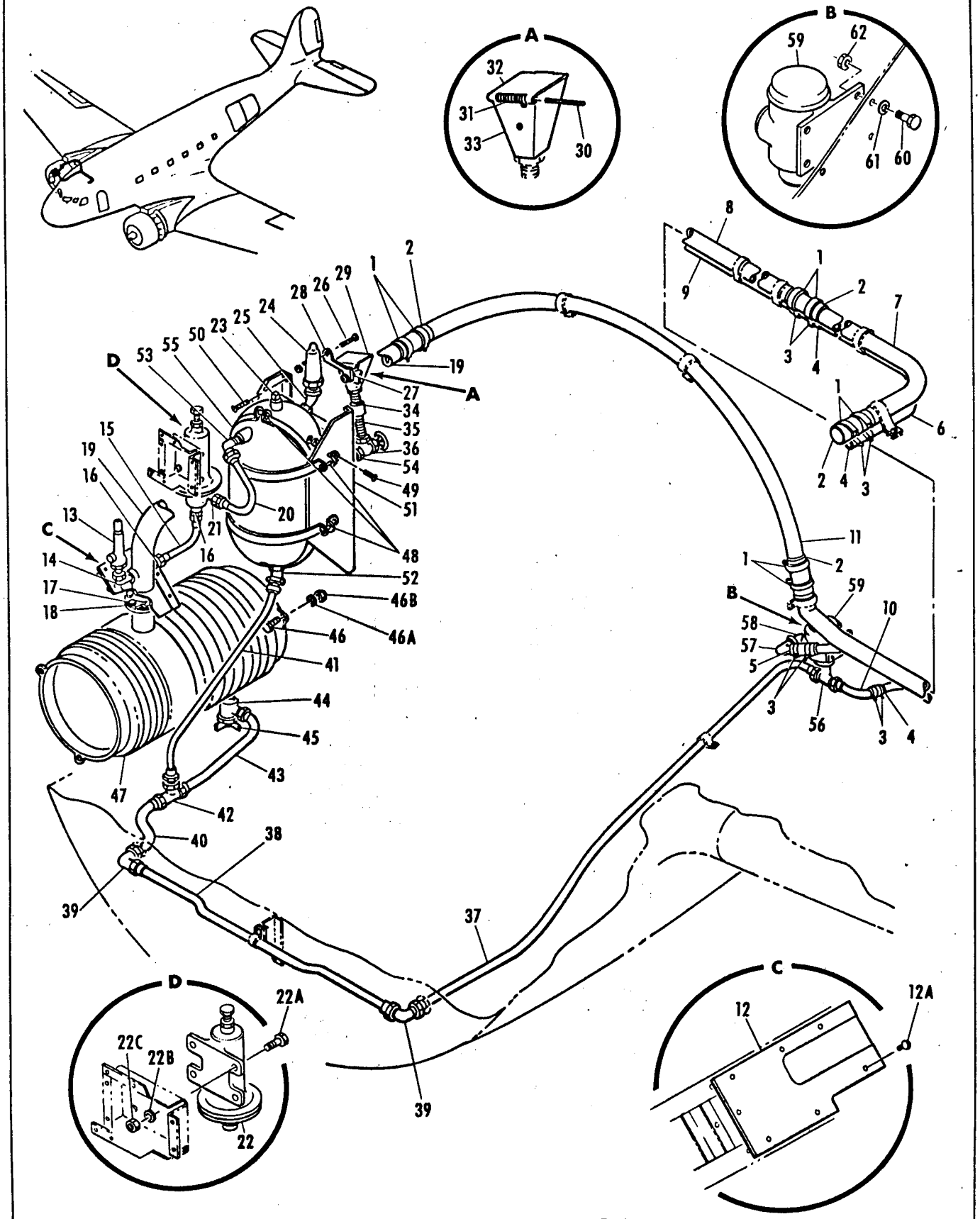

Figure 218. Center Wing Heating System

V4-210

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
218	5110521	SYSTEM INSTL, CENTER WING HEATING (SEE FIG. 6A FOR NHA)	REF	A
- 1	GT24	CLAMP ASSY, (66295)	8	A
- 2	AC882-24-14	HOSE	4	A
- 3	FBSS28	CLAMP ASSY, (66295) (ALT PN GT6 (66295))	8	A
- 4	AC882-8-9	HOSE	3	A
- 5	AC882-6-9	HOSE	1	A
	2115835	DUCT ASSY, HEAT AND VENT HOSE TO HOSE	1	A
- 6	2115835-2	TUBE, HEAT AND VENT HOSE TO HOSE	1	A
- 7	2115835-4	TUBE, HEAT AND VENT HOSE TO HOSE	1	A
- 8	2114630	DUCT ASSY, HEAT AND VENT STEAM HOSE TO HOSE	1	A
- 9	5115399-23	PIPE ASSY, HEAT AND VENT HOSE TO HOSE	1	A
- 10	5115399-3	PIPE ASSY, HEAT AND VENT HOSE TO STEAM TRAP	1	A
- 11	5115399-1	PIPE ASSY, HEAT AND VENT HOSE TO HOSE	1	A
	5131497	DOOR INSTL, NACELLE BOILER HEADER ACCESS	1	A
- 12	5131497-16	PLATE, NACELLE BOILER HEADER ACCESS	1	A
		(ATTACHING PARTS)		
- 12A	MS35206-244	SCREW, (ALT PN AN515-8-7)	7	A
- 13	1105-45	VALVE ASSY, PRESSURE RELIEF (83014)	1	A
- 14	AN914-4	ELBOW, (ALT PN AC895-4)	1	A
- 15	5115399-21	PIPE ASSY, HEAT AND VENT STEAM LINE NIPPLE TO REGULATOR	1	A
- 16	AC811-6FT	NIPPLE	2	A
- 17	AN3-5	BOLT	6	A
	AN310-3	NUT	6	A
- 18	S144328-2C	GASKET, HEATING SYSTEM STEAM DUCT	1	A
- 19	2117583	DUCT ASSY, HEAT AND VENT BOILER OUTLET STEAM HOSE TO BOILER	1	A
- 20	5115399-19	PIPE ASSY, HEAT AND VENT REGULATOR TO WATER TANK	1	A
- 21	AC811-6FT	NIPPLE	1	A
- 22	73	REGULATOR ASSY, STEAM PRESSURE (PER DOUGLAS SPEC DWG 41115529) (22508)	1	A
		(ATTACHING PARTS)		
- 22A	AN3-5A	BOLT	4	A
- 22B	AN960D10	WASHER	4	A
- 22C	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
- 23	COML	PLUG, 1/4 STANDARD PLUMBING PIPE	1	A
- 24	3B	ELIMINATOR ASSY, HEAT AND VENT AIR (PER DOUGLAS SPEC DWG 41115567) (18163)	1	A
- 25	4-4CD45	ELBOW, (45681)	1	A
- 26	MS35206-251	SCREW, (ALT PN AN515-8-24)	1	A
- 27	MS35206-245	SCREW, (ALT PN AN515-8-8)	1	A
	AN960C8	WASHER	4	A
	MS21044N08	NUT, (ALT PN AN365-832)	2	A
- 28	1119358	SUPPORT, HEATING SYSTEM WATER TANK INTAKE FUNNEL	1	A

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
218				
- 29	S2106273	FUNNEL ASSY, HEATING SYSTEM WATER TANK FILLER (DRILL ON INSTL)	1	A
- 30	MS20392-1C55	PIN, (ALT PN AN392-55)	1	A
- 31	S1161849	SPRING, WATER TANK FUNNEL COVER	1	A
- 32	S2106273-2	COVER, HEATING SYSTEM WATER TANK FILLER FUNNEL	1	A
- 33	S2118729	FUNNEL, HEATING SYSTEM WATER TANK FILLER	1	A
- 34	3152-9-3/8D	COUPLING, (45681)	1	A
- 35	3152-7-3/8D	NIPPLE, (45681)	1	A
- 36	59	VALVE ASSY, (63686)	1	A
- 37	5115399-17	PIPE ASSY, HEAT AND VENT FIREWALL ELBOW TO STEAM TRAP	1	A
- 38	5115399-15	PIPE ASSY, HEAT AND VENT FIREWALL ELBOW TO ELBOW	1	A
- 39	3224BD	ELBOW, (45681)	2	A
- 40	5115399-13	PIPE ASSY, HEAT AND VENT TEE TO FIREWALL ELBOW	1	A
- 41	5115399-11	PIPE ASSY, HEAT AND VENT WATER TANK TO TEE	1	A
- 42	AC811JT8D	TEE	1	A
- 43	5115399-9	PIPE ASSY, HEAT AND VENT TEE TO BOILER	1	A
- 44	4-6-8MRT	TEE, (45681)	1	A
- 45	MS35782-5	COCK ASSY, (ALT PN AN771-2)	1	A
	5118453	BOILER INSTL, HORIZONTAL MUFF TYPE	1	A
- 46	1139053	BOLT, DRILLED SPECIAL 5/16 X 18	5	A
- 46A	AN960C516	WASHER	5	A
- 46B	S1036877	NUT, BRASS CASTLE 5/16 X 18	5	A
- 47	5117846	BOILER ASSY, HEAT AND VENT SYSTEM MUFF TYPE	1	A
- 48	MS35207-267	SCREW, (ALT PN AN520-10-16)	3	A
- 49	MS35207-269	SCREW, (ALT PN AN520-10-24)	2	A
- 50	MS35207-262	SCREW, (ALT PN AN520-10-7)	2	A
	MS21044N3	NUT, (ALT PN AN365-1032)	7	A
- 51	5114078	BRACKET ASSY, HEAT SYSTEM WATER TANK	1	A
- 52	AC811CT45-8D	ELBOW	1	A
- 53	AC811CT6D	ELBOW	1	A
- 54	4265-3/8D	NIPPLE, (45681)	1	A
- 55	4113354	TANK ASSY, HEAT SYSTEM WATER	1	A
- 56	AC811ST8D	TEE	1	A
- 57	AN842-6	ELBOW, (ALT PN AC850-6)	1	A
- 58	AN914-3	ELBOW, (ALT PN AC895-3)	1	A
	AN912-2	BUSHING, (ALT PN AC895-82)	1	A
- 59	400/1411	TRAP ASSY, HEAT AND VENT 3/8 IN. STEAM (PER DOUGLAS SPEC DWG 2115519) (60532)	1	A
		(ATTACHING PARTS)		
- 60	AN3-5A	BOLT	4	A
- 61	AN960-10	WASHER	4	A
- 62	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
		A 001, 002 AND 026		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

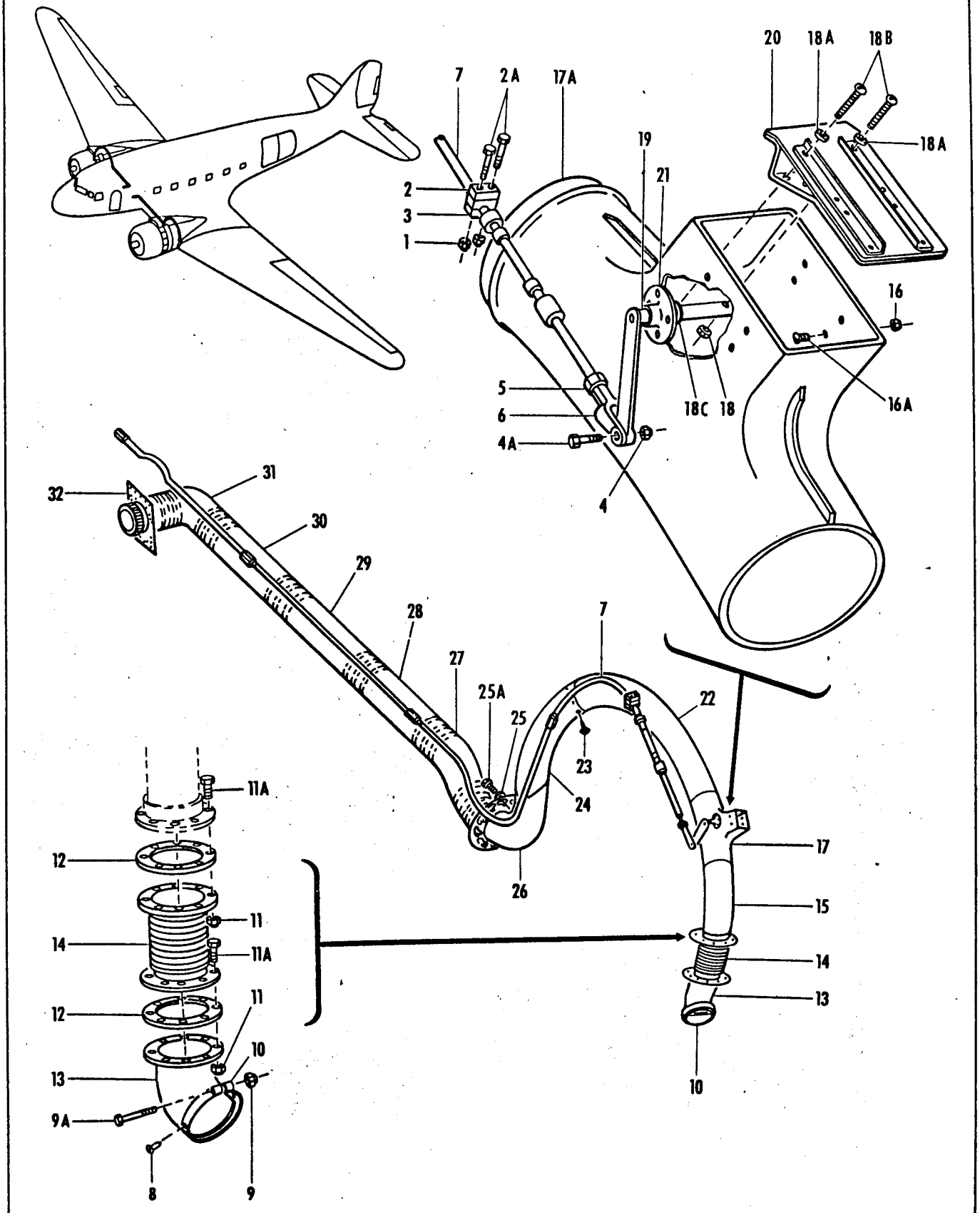

Figure 219. Center Wing Hot Air System

V4-231

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
		SYSTEM INSTL, CENTER WING HOT AIR (SEE FIG. 6A FOR NHA)	REF	A
219	5141467	SYSTEM INSTL, CENTER WING HOT AIR (SEE FIG. 6A FOR NHA)	REF	B
	5189184	NUT, (ALT PN AN365-428)	4	AB
- 1	MS21044N4	SPACER, NACELLE FIXED FERRULE	2	AB
- 2	1142297	BOLT	4	AB
- 2A	AN4-16A	CLIP, RIGID (77932)	4	AB
- 3	ASP15/16	NUT, (ALT PN AN364-1032)	2	AB
- 4	MS21083N3	BOLT	2	AB
- 4A	AN23-10A	NUT	2	AB
- 5	AN316-4R	CLEVIS, (ALT PN AN486-4)	2	AB
- 6	MS27975-4	TUBE ASSY, HOT AIR SYSTEM RELEASE VALVE CONTROL LH	1	A
- 7	5142840-2	TUBE ASSY, HOT AIR SYSTEM RELEASE VALVE CONTROL RH	1	A
	5142851-2	SCREW, (ALT PN AN530-8-8)	4	AB
- 8	MS24621-30	NUT, (ALT PN 79HM02 (72962))	4	AB
- 9	MS21046C3	BOLT	4	AB
- 9A	AN3-24	CLAMP ASSY, BOSS (DRILL ON INSTL)	2	AB
- 10	2142357	NUT, (ALT PN 79HM02 (72962))	32	AB
- 11	MS21046C3	BOLT	32	AB
- 11A	AN3-4A	GASKET, HOT AIR FLEXIBLE JOINT	4	AB
- 12	2142453	ADAPTER ASSY, HEAT EXCHANGER OUTLET (DRILL ON INSTL)	2	A
- 13	4142448	INSULATION ASSY, HEAT EXCHANGER OUTLET ADAPTER	2	B
	4189206	ADAPTER ASSY, HEAT EXCHANGER OUTLET	2	B
	4142448	TUBE ASSY, NACELLE HOT AIR FLEXIBLE	2	A
- 14	4142295	INSULATION ASSY, NACELLE HOT AIR FLEXIBLE TUBE	2	B
	4189205	TUBE ASSY, NACELLE HOT AIR FLEXIBLE	2	B
	4142295	DUCT ASSY, NACELLE HOT AIR OUTBOARD	2	A
- 15	4142467	INSULATION ASSY, NACELLE HOT AIR OUTBOARD DUCT	2	B
	4189203	DUCT ASSY, NACELLE HOT AIR OUTBOARD	2	B
	4142467	NUT, (ALT PN 1776M1 (78553))	16	AB
- 16	NAS446-1-1	SCREW, (ALT PN AN530-4-6)	16	AB
- 16A	MS24621-10	INSULATION ASSY, HOT AIR SAFETY VALVE LH	1	B
	5189215	INSULATION ASSY, HOT AIR SAFETY VALVE RH	1	B
	5189215-1	VALVE ASSY, HOT AIR SAFETY LH	1	AB
- 17	5141807	VALVE ASSY, HOT AIR SAFETY RH	1	AB
	5141807-1	DUCT ASSY, HOT AIR SAFETY, LH	1	AB
- 17A	4141880	DUCT ASSY, HOT AIR SAFETY, RH	1	AB
	4141880-1	NUT, (78553) (ALT PN 1814M1 (78553))	2	AB
- 18	A1814-6Z1	WASHER	2	AB
- 18A	AN960-6	SCREW, (ALT PN AN530-6-12)	2	AB
- 18B	MS24621-20	WASHER	2	AB
- 18C	AN960C516	SHAFT ASSY, HOT AIR EMERGENCY RELIEF LH	1	AB
- 19	1141934	SHAFT ASSY, HOT AIR EMERGENCY RELIEF RH	1	AB
	1141934-1	GATE ASSY, HOT AIR RELIEF VALVE	1	AB
- 20	2141903	BEARING, HOT AIR SAFETY VALVE	2	AB
- 21	1114878	DUCT ASSY, NACELLE INBOARD CENTER HOT AIR	2	A
- 22	4141863	INSULATION ASSY, NACELLE INBOARD CENTER HOT AIR DUCT	2	B
	4189204	DUCT ASSY, NACELLE INBOARD CENTER HOT AIR	2	B
	4141863	SCREW, (ALT PN AN530-8-6)	45	AB
- 23	MS24621-29	DUCT ASSY, NACELLE INBOARD ROUND (DRILL ON INSTL)	2	A
- 24	4141773	INSULATION ASSY, NACELLE INBOARD ROUND DUCT	2	B
	4189218	DUCT ASSY, NACELLE INBOARD ROUND (DRILL ON INSTL)	2	B
	4141733	WASHER	20	AB
- 25	AN960-10L	BOLT	20	AB
- 25A	AN3-4A	ELBOW ASSY, NACELLE HOT AIR LH	1	A
- 26	4141806	ELBOW ASSY, NACELLE HOT AIR RH	1	A
	4141806-1	INSULATION ASSY, NACELLE HOT AIR ELBOW LH	1	B
	4189207	INSULATION ASSY, NACELLE HOT AIR ELBOW RH	1	B
	4189207-1	ELBOW ASSY, NACELLE HOT AIR LH	1	B
	4141806	ELBOW ASSY, NACELLE HOT AIR RH	1	B
	4141806-1	DUCT ASSY, NACELLE TO CENTER WING HOT AIR (DRILL ON INSTL)	2	AB
- 27	4141766	DUCT ASSY, STA 73 TO 58 (DRILL ON INSTL)	1	AB
- 28	2141754	DUCT ASSY, STA 45 TO 33 LH (DRILL ON INSTL)	1	AB
- 29	2141755	DUCT ASSY, STA 33 TO 20 LH (DRILL ON INSTL)	1	AB
- 30	2141763	DUCT ASSY, STA 45 TO 33 RH (DRILL ON INSTL)	1	AB
	2141764	ELBOW ASSY, HOT AIR STA 20 LH (DRILL ON INSTL)	1	AB
- 31	2141757	ELBOW ASSY, HOT AIR STA 33 RH (DRILL ON INSTL)	1	AB
	2141756	DUCT ASSY, HEAT	2	AB
- 32	4141707	A 003 THRU 025, 027 THRU 541 AND 555 THRU 558		
		B 542 THRU 554		

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

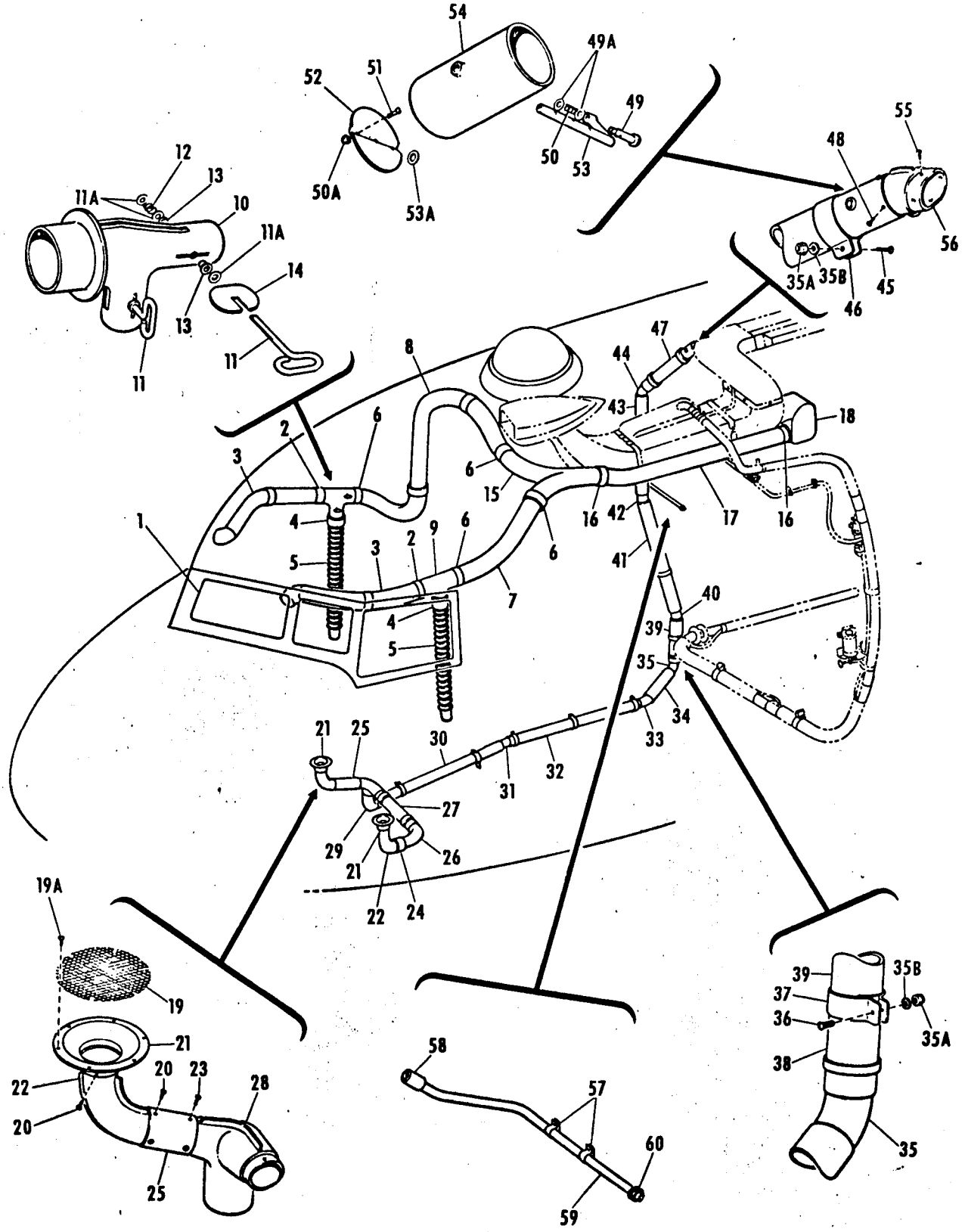

Figure 220. Fuselage Heat and Vent System

V4-249

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
220	5110544	SYSTEM INSTL, FUSELAGE HEAT AND VENT (SEE FIG. 16 FOR NHA)	REF	A
- 1	317	PANEL ASSY, WINDSHIELD DEFROSTER (92059)	1	A
- 2	AN746-15	CLAMP	2	A
- 3	2141690-10	TUBE, WINDSHIELD TO OUTLET HOT AIR FLEXIBLE	2	A
- 4	AN746-13	CLAMP	2	A
- 5	2141689	HOSE, FUSELAGE HOT AIR	2	A
- 6	FB39	CLAMP, (66295)	4	A
- 7	2141690-6	TUBE, OUTLET TO WYE HOT AIR FLEXIBLE LH	1	A
- 8	2141690-8	TUBE, OUTLET TO WYE HOT AIR FLEXIBLE RH	1	A
- 9	4141433	OUTLET ASSY, COCKPIT DEFROSTER LH	1	A
- 10	4141433-1	OUTLET ASSY, COCKPIT DEFROSTER RH	1	A
- 11	1141371	SHAFT, 1-1/2 DEFROSTING VALVE	2	A
- 11A	AN960D10	WASHER	6	A
- 12	1141419	SPRING, 1-1/2 VALVE OPERATING SHAFT	2	A
- 13	AN240-3	EYELET	4	A
- 14	1141372	FLAP, 1-1/2 DEFROSTING VALVE	2	A
- 15	4141534	BRANCH SYSTEM ASSY, STEAM HEAT DEFROST	1	A
- 16	FB71	CLAMP, (66295)	2	A
- 17	2141690-2	TUBE, WYE TO ELBOW HOT AIR FLEXIBLE	1	A
- 18	4142024	ELBOW ASSY, DEFROSTER TAKEOFF	1	A
	5113557	HEAT AND VENT INSTL, PILOT COMPARTMENT	1	A
- 19	2113956	SCREEN, HEAT AND VENT HOT AIR PILOT OUTLET	2	A
		(ATTACHING PARTS)		
- 19A	MS35206-245	SCREW, (ALT PN AN526-832-8)	12	A
- 20	MS24621-29	SCREW, (ALT PN AN530-8-6)	16	A
- 21	4113957	OUTLET ASSY, HEAT AND VENT HOT AIR PILOT	2	A
- 22	2114470	ELBOW ASSY, HOT AIR SYSTEM PILOT COMPARTMENT STA 69	2	A
- 23	MS24621-29	SCREW, (ALT PN AN530-8-6)	72	A
- 24	S1108310-216-124	DUCT, SUPERCHARGER HEAT AND VENT AIR	1	A
- 25	S1108310-216-423	DUCT, SUPERCHARGER HEAT AND VENT AIR	1	A
- 26	2114127	ELBOW ASSY, PILOT COMPARTMENT HOT AIR SUPPLY	1	A
- 27		DUCT, SUPERCHARGER HEAT AND VENT AIR	1	A
		(PART NUMBER S1108310-216-2000)		
- 28	2114113	WYE ASSY, PILOT COMPARTMENT HOT AIR SUPPLY	1	A
- 29	2114156	ELBOW ASSY, HOT AIR SUPPLY STA 79	1	A
- 30		DUCT, SUPERCHARGER HEAT AND VENT AIR	1	A
		(PART NUMBER S1108310-316-3116)		
- 31	2114757	ELBOW ASSY, HOT AIR SUPPLY STA 109	1	A
- 32		DUCT, SUPERCHARGER HEAT AND VENT AIR	1	A
		(PART NUMBER S1108310-316-4320)		
- 33	2114293	ELBOW ASSY, HEAT AND VENT HOT AIR SUPPLY	1	A
- 34		DUCT, SUPERCHARGER HEAT AND VENT AIR	1	A
		(PART NUMBER S1108310-316-1500)		
- 35	2116322	ELBOW ASSY, HEAT AND VENT 74 DEGREE STA 177	1	A
- 35A	MS21044N3	NUT, (ALT PN AN365-1032)	2	A
- 35B	AN960-10	WASHER	2	A
- 36	MS35207-267	SCREW, (ALT PN AN520-10-16)	1	A
- 37	2115293	CLAMP ASSY, HEAT AND VENT HOT AIR DUCT	1	A
- 38	S1108310-316-900	DUCT, SUPERCHARGER HEAT AND VENT AIR	1	A
- 39	4113876	OUTLET ASSY, HEAT AND VENT RADIO COMPARTMENT	1	A
- 40	2114420	ELBOW ASSY, RADIO COMPARTMENT OUTLET HOT AIR 22 DEGREE	1	A
- 41		DUCT, SUPERCHARGER HEAT AND VENT AIR	1	A
		(PART NUMBER S1108310-316-1900)		
- 42	2114147	ELBOW ASSY, PILOT COMPARTMENT HOT AIR STA 177	1	A
- 43		DUCT, SUPERCHARGER HEAT AND VENT AIR	1	A
		(PART NUMBER S1108310-316-2800)		
- 44	2114403	ELBOW ASSY, HOT AIR STA 177 UPPER	1	A
- 45	MS35207-267	SCREW, (ALT PN AN520-10-16)	1	A
- 46	2115293	CLAMP ASSY, HEAT AND VENT HOT AIR DUCT	1	A
- 47		DUCT, SUPERCHARGER HEAT AND VENT AIR	1	A
		(PART NUMBER S1108310-316-2008)		
- 48	MS24621-29	SCREW, (ALT PN AN530-8-6)	4	A
	2115755	VALVE ASSY, PILOT COMPARTMENT HOT AIR CONTROL	1	A
- 49	1115904	KNOB, PILOT COMPARTMENT HEAT AND VENT CONTROL	1	A
- 49A	AN960-10L	WASHER	2	A
- 50	1115909	SPRING, PILOT COMPARTMENT HEAT AND VENT VALVE CONTROL	1	A
- 50A	MS21044N06	NUT, (ALT PN AN365-632)	3	A
- 51	M35206-230	SCREW, (ALT PN AN515-6-8)	3	A
- 52	1115908	VALVE, PILOT COMPARTMENT HEAT AND VENT CONTROL	1	A
- 53	1115907	SHAFT ASSY, PILOT COMPARTMENT HEAT AND VENT CONTROL VALVE	1	A
- 53A	AN960-416L	WASHER	1	A
- 54	2115754	DUCT ASSY, PILOT COMPARTMENT HOT AIR CONTROL	1	A
- 55	MS24621-29	SCREW, (ALT PN AN530-8-6)	4	A
- 56	2114419	ELBOW ASSY, HOT AIR MIXER TO PILOT COMPARTMENT 30 DEGREE	1	A
- 57	AC737RM22	CLAMP, (ALT PN AC745-2A)	2	A
- 58	AC882-8-11	HOSE	1	A
- 59	5113789-9	PIPE, AIRSCOOP TO ATMOSPHERE DRAIN	1	A
- 60	MS35489-15	GROMMET, (ALT PN AN931-8-20)	1	A
		A 001, 002 AND 026		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

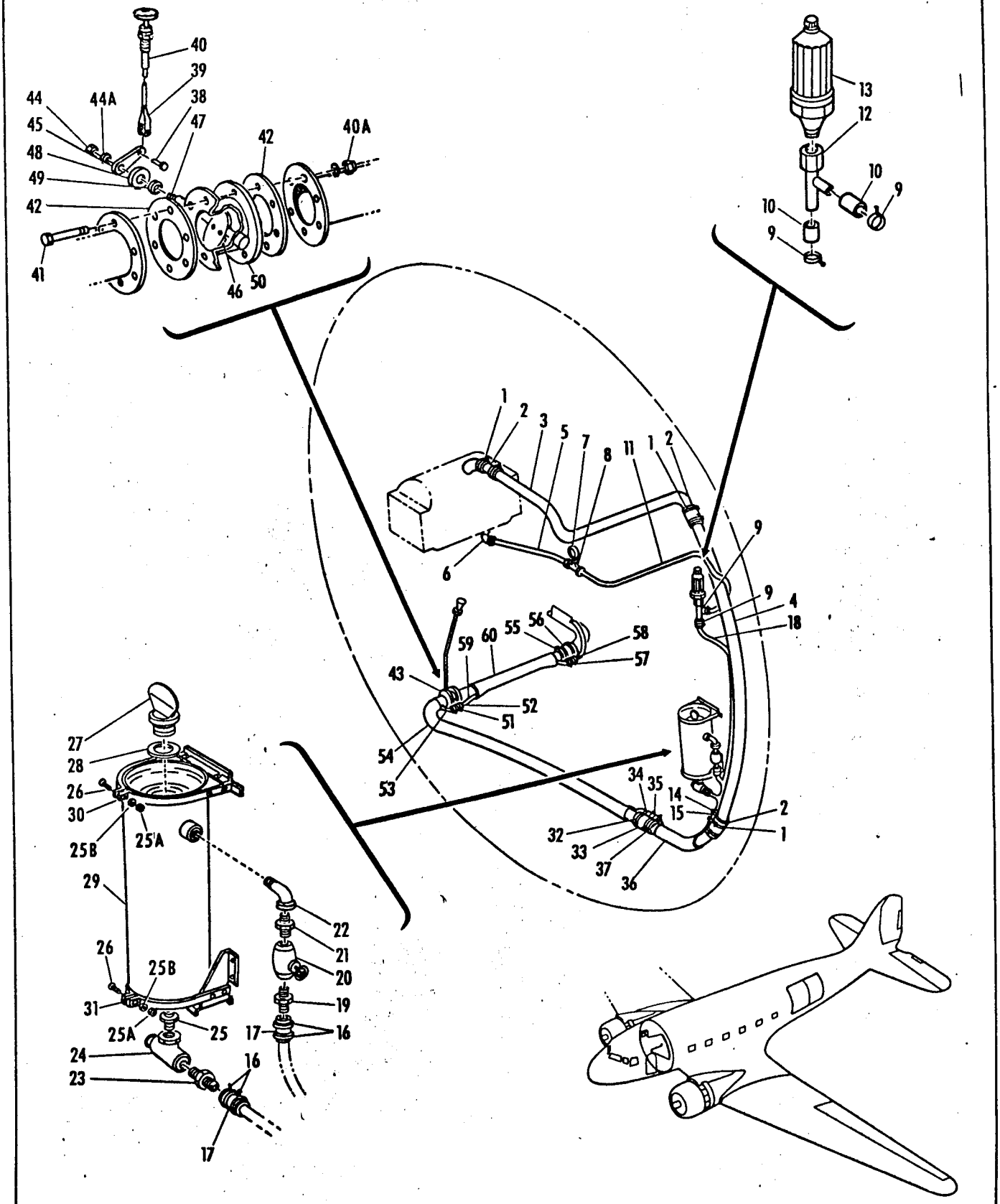

Figure 221. Fuselage Heat and Vent System V4-250

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
221	5110544	SYSTEM INSTL, FUSELAGE HEAT AND VENT (SEE FIG. 16 FOR NHA)	REF	A
	5113440	PIPE INSTL, STEAM AND WATER	1	A
- 1	GT30	CLAMP, (66295)	6	A
- 2	AC882-24-14	HOSE	3	A
- 3	5113789-3	PIPE, RADIATOR TO HOSE STA 150 TO 177	1	A
- 4	5113789-11	PIPE, HOSE TO HOSE STA 177	1	A
- 5	5113789-1	PIPE ASSY, RADIATOR TO GAGE	1	A
- 6	AC811CT8D	ELBOW, (45681)	1	A
- 7	AD2216	GAGE ASSY, DIAL AW2-1/2-21 (61349)	1	A
- 8	8-8-40TD	TEE, (45681)	1	A
- 9	FB6	CLAMP, (66295)	4	A
- 10	NO NUMBER	HOSE, (SPEC AN-H35)	2	A
- 11	5113789-23	PIPE ASSY, GAGE TO AIR ELIMINATOR	1	A
- 12	2142264	TEE ASSY, HOSE PIPE THREADED	1	A
- 13	1115567	ELIMINATOR ASSY, HEAT AND VENT AIR	1	A
- 14	AN737RM28	CLAMP, (ALT PN GT6 (66295))	2	A
- 15	AC882-8-9	HOSE	1	A
- 16	FB6	CLAMP, (66295)	4	A
- 17	NO NUMBER	HOSE, (SPEC AN-H35)	2	A
- 18	2142284	TUBE ASSY, STEAM AND WATER LINE STA 177	1	A
- 19	1142282-2	NIPPLE, HOSE PIPE THREADED	1	A
- 20	50	VALVE ASSY, GLOBE 1/4 IN. (63686)	1	A
- 21	COML	NIPPLE, CLOSE PIPE 1/4 IN.	1	A
- 22	COML	ELL, STREET 1/4 IN.	1	A
- 23	1142282-4	NIPPLE, HOSE PIPE THREADED	1	A
- 24	59	VALVE ASSY, 3/8 IN. (63686)	1	A
- 25	COML	NIPPLE, CLOSE PIPE 3/8 IN.	1	A
- 25A	1690M1-040	NUT, (78553)	2	A
- 25B	AN960D8	WASHER	2	A
- 26	MS24621-32	SCREW, (ALT PN AN530-8-12)	2	A
	5141277	TANK ASSY, HEAT AND VENT FILLER	1	A
- 27	1141216	PLUG ASSY, HEAT AND VENT FILLER TANK	1	A
- 28	MS35769-15	GASKET, (ALT PN AN900-12)	1	A
- 29	5141277-8	TANK ASSY, HEAT AND VENT FILLER (WELDED)	1	A
- 30	4141315	BRACKET ASSY, HEAT AND VENT FILLER TANK UPPER	1	A
- 31	4141316	BRACKET ASSY, HEAT AND VENT FILLER TANK LOWER	1	A
- 32	GT30	CLAMP, (66295)	2	A
- 33	AC882-24-14	HOSE	1	A
- 34	AN737RM28	CLAMP, (ALT PN GT6 (66295))	2	A
- 35	AC822-8-9	HOSE	1	A
	4117381	DUCT ASSY, STEAM AND WATER STA 177	1	A
- 36	4117381-2	TUBE, STEAM AND WATER DUCT	1	A
- 37	4117381-4	TUBE, STEAM AND WATER DUCT	1	A
- 38	MS20392-1C11	PIN, (ALT PN AN392-11)	1	A
	2116481	CONTROL ASSY, STEAM VALVE	1	A
- 39	1116383	CLEVIS, STEAM VALVE CONTROL WIRE (ORDER NHA)	1	A
- 40	840396	CONTROL ASSY, (77910) (ORDER NHA)	1	A
- 40A	MS21044N3	NUT, (ALT PN AN365-1032)	6	A
- 41	AN3-15A	BOLT	6	A
- 42	S144328-2C	GASKET, STEAM DUCT	2	A
- 43	2119243	VALVE ASSY, HEAT AND VENT SHUTOFF	1	A
- 44	MS21044N08	NUT, (ALT PN AN365-832)	1	A
- 44A	AN960C8	WASHER	1	A
- 45	1116381	ARM, STEAM VALVE	1	A
- 46	2119243-4	FLAP, SHUTOFF VALVE	1	A
- 47	1116152	SHAFT, STEAM VALVE	1	A
- 48	1116382	NUT, STEAM VALVE PACKING GLAND	1	A
- 49	2119243-2	PACKING, SHUTOFF VALVE	1	A
- 50	2116021	HOUSING, HEAT AND VENT SHUTOFF	1	A
- 51	AN737RM28	CLAMP, (ALT PN GT6 (66295))	2	A
- 52	NO NUMBER	HOSE, (SPEC AN-H35)	1	A
	4115338	DUCT ASSY, HEAT AND VENT STEAM STA 177	1	A
- 53	4115338-4	TUBE, STEAM DUCT	1	A
- 54	4115338-12	TUBE ASSY, STEAM DUCT (WELDED)	1	A
- 55	GT30	CLAMP, (66295)	2	A
- 56	AC882-24-14	HOSE	1	A
- 57	AN737RM28	CLAMP, (ALT PN GT6 (66295))	2	A
- 58	AC882-8-12	HOSE	1	A
	2115063	DUCT ASSY, STEAM STA 176 TO 202	1	A
- 59	2115063-4	TUBE, STEAM DUCT	1	A
- 60	2115063-12	TUBE ASSY, STEAM DUCT (WELDED)	1	A
		A 001, 002 AND 026		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

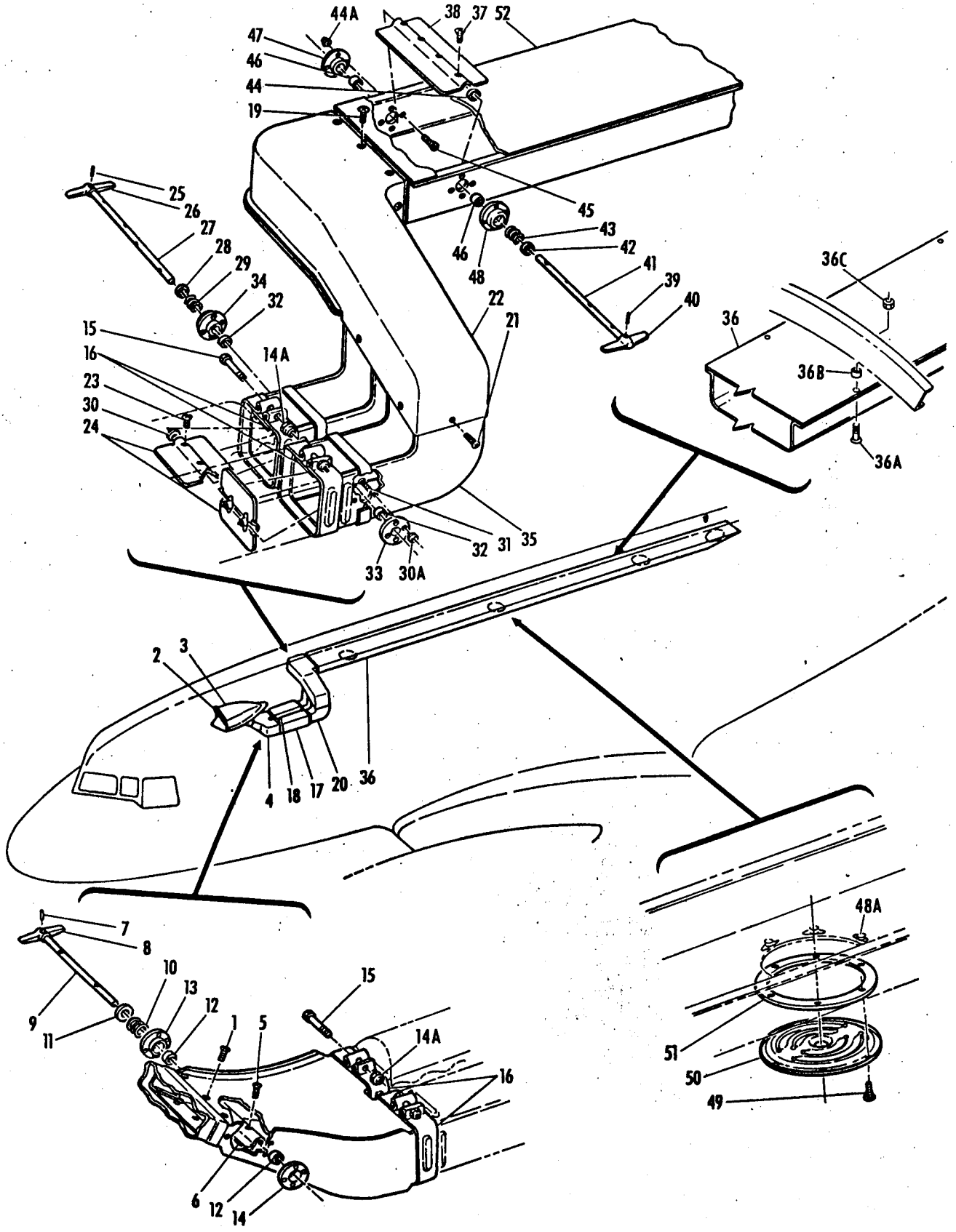

Figure 222. Fuselage Heat and Vent System

V4-251

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
222	5110544	SYSTEM INSTL, FUSELAGE HEAT AND VENT (SEE FIG. 16 FOR NHA)	REF	A
- 1	MS24621-29	SCREW, (ALT PN AN530-8-6)	8	A
	5116417	AIRSCOOP INSTL, HEAT AND VENT	1	A
- 2	5114755	DUCT ASSY, HEAT AND VENT AIRSCOOP INLET	1	A
- 3	5115414	AIRSCOOP ASSY, HEAT AND VENT INTAKE	1	A
- 4	5113035	DUCT ASSY, SCOOP TO RADIATOR AND BYPASS	1	A
- 5	MS35206-231	SCREW, (ALT PN AN515-6-10)	2	A
- 6	2140284	FLAP ASSY, SCOOP TO RADIATOR HEAT DUCT VALVE	1	A
	2140287	SHAFT ASSY, SCOOP TO RADIATOR HEAT DUCT VALVE	1	A
- 7	S146142-077-015	PIN	1	A
- 8	1113029	HANDLE, MAIN CABIN AIR DUCT VALVE	1	A
- 9	2140287-2	SHAFT, SCOOP TO RADIATOR HEAT DUCT VALVE	1	A
- 10	1116370	SPRING, VALVE OPERATING LEVER	1	A
- 11	AN960C516	WASHER	1	A
	1140286	BEARING ASSY, SCOOP TO RADIATOR HEAT DUCT VALVE	1	A
	1113064	BEARING ASSY, MAIN CABIN AIR DUCT VALVE	1	A
- 12	S116500-5S008	BUSHING	1	A
- 13	1140286-2	BEARING, SCOOP TO RADIATOR HEAT DUCT VALVE	1	A
- 14	1113064-2	BEARING, MAIN CABIN AIR DUCT VALVE	1	A
- 14A	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
- 15	AN3-16A	BOLT	4	A
- 16	4112672	STRAP ASSY, HEAT AND VENT DUCT	4	A
- 17	3112618	DUCT, COLD AIR	1	A
- 18	5111915	RADIATOR ASSY, HEAT AND VENT	1	A
- 19	MS24621-29	SCREW, (ALT PN AN530-8-6)	8	A
- 20	5116500	DUCT ASSY, AIR MIXTURE AND CABIN INLET	1	A
- 21	MS24621-29	SCREW, (ALT PN AN530-8-6)	6	A
- 22	5114030	DUCT ASSY, AIR MIXTURE CABIN INLET	1	A
	5113830	DUCT ASSY, AIR MIXTURE	1	A
- 23	MS35206-231	SCREW, (ALT PN AN515-6-10)	4	A
- 24	2113365	VALVE ASSY, HEAT AND VENT AIR MIXER	2	A
	1117541	SHAFT ASSY, HEAT AND VENT AIR MIXER VALVE	1	A
- 25	S146142-077-015	PIN	1	A
- 26	1113029	HANDLE, MAIN CABIN AIR DUCT VALVE	1	A
- 27	2113442	SHAFT, HEAT AND VENT AIR MIXER	1	A
- 28		WASHER, (PN S143908-011D017-065)	1	A
- 29	1116370	SPRING, VALVE OPERATING LEVER	1	A
- 30		WASHER, (PN S143908-011D017-065)	1	A
- 30A	MS21044N04	NUT, (ALT PN AN365-440)	16	A
- 31	MS51959-13	SCREW, (ALT PN AN505-4-4)	16	A
	1113064	BEARING ASSY, MAIN CABIN AIR DUCT VALVE	3	A
	1113028	BEARING ASSY, MAIN CABIN AIR DUCT VALVE	1	A
- 32	S116500-5S008	BUSHING	1	A
- 33	1113064-2	BEARING, MAIN CABIN AIR DUCT VALVE	1	A
- 34	1113028-2	BEARING, MAIN CABIN AIR DUCT VALVE	1	A
- 35	5113830-4	DUCT ASSY, AIR MIXTURE (WELDED)	1	A
- 36	5113167	DUCT ASSY, MAIN CABIN AIR (ALT PN 5141254)	1	A
	5141254	DUCT ASSY, MAIN CABIN AIR WOODEN	1	A
		(ATTACHING PARTS)		
- 36A	MS35206-246	SCREW, (ALT PN AN526-832-10)	28	A
- 36B	S124682-3F8-25	WASHER	28	A
- 36C	MS21044D08	NUT, (ALT PN AN365D832)	28	A
- 37	MS35206-231	SCREW, (ALT PN AN515-6-10)	4	A
- 38	4113096	VALVE ASSY, MAIN CABIN AIR DUCT	1	A
	2113063	SHAFT ASSY, MAIN CABIN AIR DUCT VALVE	1	A
- 39	S146142-077-015	PIN	1	A
- 40	1113029	HANDLE, MAIN CABIN AIR DUCT VALVE	1	A
- 41	1113065	SHAFT, MAIN CABIN AIR DUCT VALVE	1	A
- 42		WASHER, (PN S143908-011D22-065)	1	A
- 43	1116370	SPRING, VALVE OPERATING LEVER	1	A
- 44		WASHER, (PN S143908-011D016-065)	1	A
- 44A	MS21044N04	NUT, (ALT PN AN365-440) (USED ON 5141254)	8	A
- 45	MS51959-16	SCREW, (ALT PN AN505-4-7) (USED ON 5141254)	8	A
	1113064	BEARING ASSY, MAIN CABIN AIR DUCT VALVE	1	A
	1113028	BEARING ASSY, MAIN CABIN AIR DUCT VALVE	1	A
- 46	S116500-5S008	BUSHING	1	A
- 47	1113064-2	BEARING, MAIN CABIN AIR DUCT VALVE	1	A
- 48	1113028-2	BEARING, MAIN CABIN AIR DUCT VALVE	1	A
- 48A	NAS395-16-1	NUT, (ALT PN 1789M1 (78553)) (USED ON 5141254)	24	A
- 49	MS35206-246	SCREW, (ALT PN S1027301-8-10) (USED ON 5113167)	24	A
	MS24621-32	SCREW, (ALT PN AN530-8-12) (USED ON 5141254)	24	A
- 50	4113194	DIFFUSER, MAIN CABIN DUCT AIR	4	A
- 51	1113386	GASKET, MAIN CABIN AIR DUCT DIFFUSER	4	A
- 52	5113167-40	DUCT ASSY, MAIN CABIN AIR (WELDED)	1	A
	5141254-50	DUCT ASSY, MAIN CABIN AIR WOODEN	1	A
		A 001, 002 AND 026		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

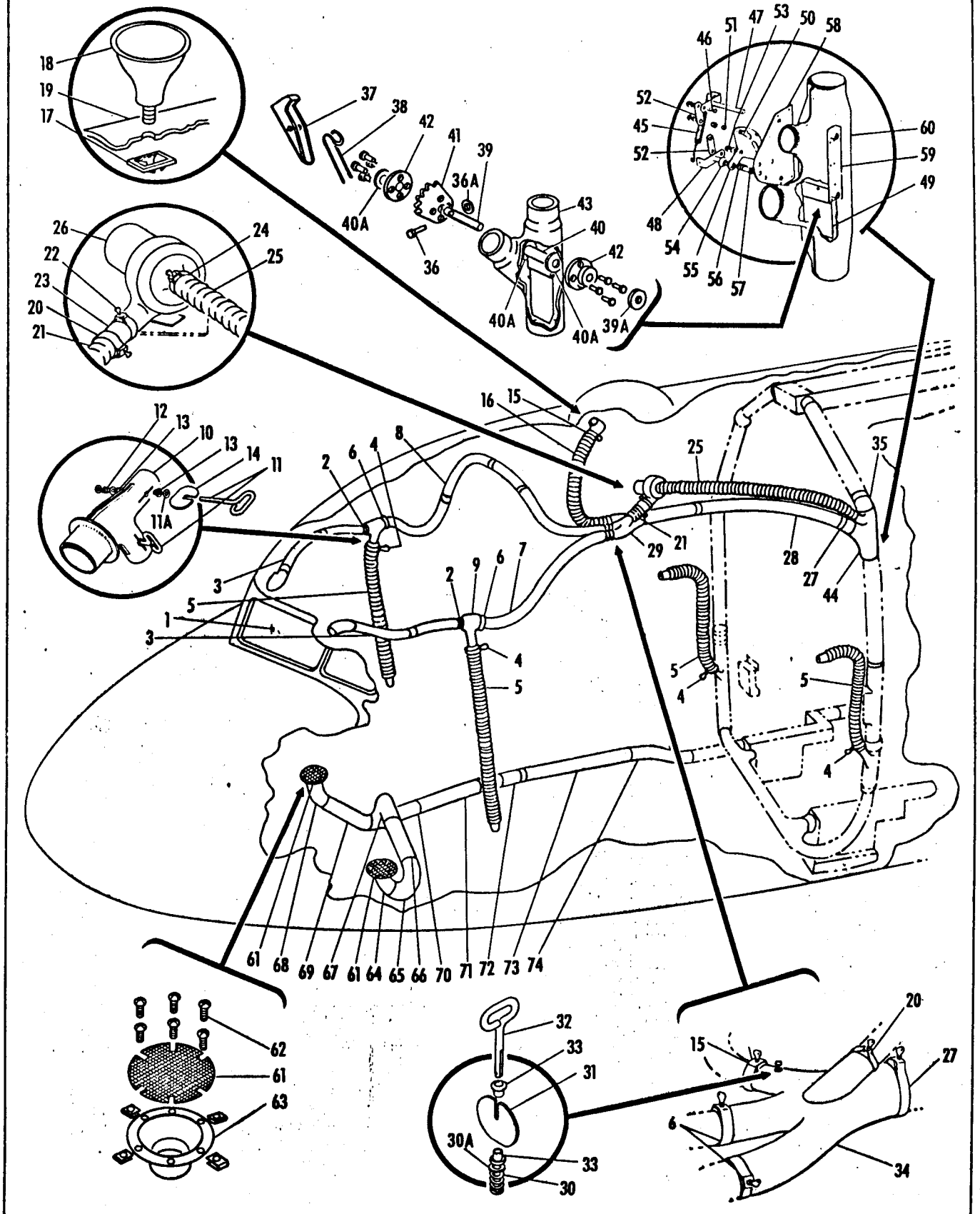

Figure 223. Fuselage Hot Air System

V4-232

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
223	5141469	SYSTEM INSTL, FUSELAGE HOT AIR (SEE FIG. 16 FOR NHA)	REF	A
	5202279	SYSTEM INSTL, FUSELAGE HOT AIR (SEE FIG. 16 FOR NHA)	REF	B
	317	PANEL ASSY, WINDSHIELD DEFROSTER (92059)	2	A
- 1	128	PANEL ASSY, WINDSHIELD DEFROSTER (92059)	2	B
- 2	AN737TW58-66	CLAMP, (ALT PN AN737-66)	2	AB
- 3	2141690-10	TUBE, WINDSHIELD TO OUTLET HOT AIR FLEXIBLE	2	AB
	AN746-13	CLAMP	4	A
- 4	AN737TW58-66	CLAMP, (ALT PN AN737-66)	4	B
- 5	2141689	HOSE, FUSELAGE HOT AIR	4	AB
- 6	FB39	CLAMP, (66295)	4	AB
- 7	2141690-6	TUBE, OUTLET TO THREE WAY DUCT HOT AIR FLEXIBLE LEFT SIDE	1	AB
- 8	2141690-8	TUBE, OUTLET TO THREE WAY DUCT HOT AIR FLEXIBLE RIGHT SIDE	1	AB
- 9	4141433	OUTLET ASSY, COCKPIT DEFROSTER LH	1	AB
- 10	4141433-1	OUTLET ASSY, COCKPIT DEFROSTER RH	1	AB
- 11	1141371	SHAFT, 1-1/2 DEFROSTING VALVE	2	AB
- 11A	AN960D10	WASHER	6	AB
- 12	1141419	SPRING, 1-1/2 VALVE OPERATING SHAFT	2	AB
- 13	AN240-3	EYELET	4	AB
- 14	1141372	FLAP, 1-1/2 DEFROSTING VALVE	2	AB
- 15	FB18	CLAMP, (66295)	2	AB
- 16	2141689	HOSE, FUSELAGE HOT AIR	1	AB
	1142222	OUTLET ASSY, NAVIGATOR DOME DEFROSTING	1	AB
- 17	420M1	NUT, SPEED (78553)	1	AB
- 18	C23	CUP, SUCTION (75345)	1	AB
- 19	1142222-2	TUBE, NAVIGATOR DOME DEFROSTING OUTLET	1	AB
- 20	FB39	CLAMP, (66295)	2	B
- 21	2141690-16	TUBE, THREE WAY DUCT TO BLOWER HOT AIR FLEXIBLE	1	B
- 22	FB40	CLAMP, (66295)	1	B
- 23	1202710	REDUCER, WINDSHIELD DEFROSTER BLOWER	1	B
- 24	FB54	CLAMP, (66295)	2	B
- 25	2141690-14	TUBE, BLOWER TO VALVE HOT AIR FLEXIBLE	1	B
- 26	CM025-4-1/2-CC	BLOWER ASSY, (72189)	1	B
- 27	FB71	CLAMP, (66295)	2	AB
- 28	2141690-2	TUBE, THREE WAY DUCT TO VALVE CONTROL HOT AIR FLEXIBLE	1	AB
	4142169	DUCT ASSY, THREE WAY DEFROSTER	1	A
- 29	4202716	DUCT ASSY, THREE WAY WINDSHIELD DEFROSTER TAKEOFF	1	B
- 30	1141419	SPRING, 1-1/2 VALVE OPERATING SHAFT	1	AB
- 30A	AN960D10	WASHER	3	AB
- 31	1141372	FLAP, 1-1/2 DEFROSTING VALVE	1	AB
- 32	1141371	SHAFT, 1-1/2 DEFROSTING VALVE	1	AB
- 33	AN240-3	EYELET	2	AB
- 34	4202716-6	DUCT ASSY, THREE WAY WINDSHIELD DEFROSTER TAKEOFF (WELDED)	1	B
	2142842	ELBOW ASSY, HOT AIR UPPER STA 177	2	A
- 35	2142842	ELBOW ASSY, HOT AIR UPPER STA 177 (USED ON LH ONLY)	1	B
	4142168	CONTROL ASSY, TAKEOFF DEFROSTING VALVE	1	A
- 36	MS20392-2C21	PIN, (ALT PN AN393-21)	1	A
- 36A	AN960-10L	WASHER	1	A
- 37	1142214	HANDLE, TAKEOFF DEFROSTING VALVE	1	A
- 38	1142166	SPRING, TAKEOFF DEFROSTING VALVE	1	A
- 39	1142212	SHAFT, TAKEOFF DEFROSTING VALVE	1	A
- 39A	AN960-616	WASHER	1	A
- 40	4141937	VALVE ASSY, TAKEOFF DEFROSTING	1	A
- 40A	AN960-616	WASHER, (ALT PN AAF940-616)	3	A
- 41	1142210	PLATE, DEFROSTING VALVE POSITIONING	1	A
- 42	1142211	BEARING, TAKEOFF DEFROSTING VALVE	2	A
- 43	4141927	CONTROL ASSY, TAKEOFF DEFROSTING	1	A
- 44	5202725	VALVE ASSY, WINDSHIELD DEFROSTER TAKEOFF	1	B
- 45	1202742	SPRING, WINDSHIELD DEFROSTER TAKEOFF	1	B
- 46	AN23-9	BOLT	2	B
- 47	1202706	SHAFT ASSY, WINDSHIELD DEFROSTER TAKEOFF LH	1	B
- 48	1202706-1	SHAFT ASSY, WINDSHIELD DEFROSTER TAKEOFF RH (LH ONLY)	1	B
- 49	2202707	FLAP ASSY, WINDSHIELD DEFROSTER TAKEOFF	2	B
- 50	1142045	BOLT, MIXING CHAMBER CONTROL VALVE	2	B
- 51	1142219	BUSHING, MIXING CHAMBER CONTROL VALVE	2	B
- 52	1202692	LINK, WINDSHIELD DEFROSTER TAKEOFF	2	B
- 53	AN310-3	NUT	1	B
- 54	1202728	KNOB, BLOWER TAKEOFF VALVE CONTROL	1	B
- 55	2202717	ARM ASSY, WINDSHIELD DEFROSTER TAKEOFF	1	B
- 56	1202934	SPRING, DEFROSTER TAKEOFF	1	B
- 57	1202699	BOLT, WINDSHIELD DEFROSTER TAKEOFF	1	B
- 58	4202745	PLATE ASSY, WINDSHIELD DEFROSTER TAKEOFF	1	B
- 59	2202708	BEARING ASSY, WINDSHIELD DEFROSTER TAKEOFF	1	B
- 60	5202711	DUCT ASSY, WINDSHIELD DEFROSTER TAKEOFF	1	B
- 61	2113956	SCREEN, HEAT AND VENT PILOT HOT AIR OUTLET	2	AB

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
223				
- 62	MS24621-29	SCREW, (ALT PN AN530-8-6)	AR	AB
- 63	4142151	OUTLET ASSY, COCKPIT HOT AIR	2	AB
- 64	4142098	ELBOW ASSY, FUSELAGE HOT AIR STA 70	1	AB
- 65	4142070	ELBOW ASSY, HOT AIR STA 77	1	AB
- 66	2142097	CROSSOVER ASSY, HOT AIR FLAT	1	AB
- 67	4142069	ELBOW ASSY, HOT AIR TRANSITION	1	AB
- 68	4142076	DUCT ASSY, OUTLET CONNECTION	1	AB
- 69	4142016	ELBOW ASSY, HOT AIR SYSTEM COCKPIT	1	AB
- 70	5142068	SPLITTER ASSY, HOT AIR DUCT	1	AB
- 71	2142259-8	DUCT ASSY, SPLITTER TO ELBOW HOT AIR	1	AB
- 72	4142083	DUCT ASSY, HOT AIR STA 117	1	AB
- 73	2142259-10	DUCT ASSY, ELBOW TO HOT AIR	1	AB
- 74	4142084	DUCT ASSY, HOT AIR STA 156	1	AB
		A 003 THRU 015, 027 AND 028		
		B 016 THRU 025, 029 THRU 541 AND 555 THRU 558		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

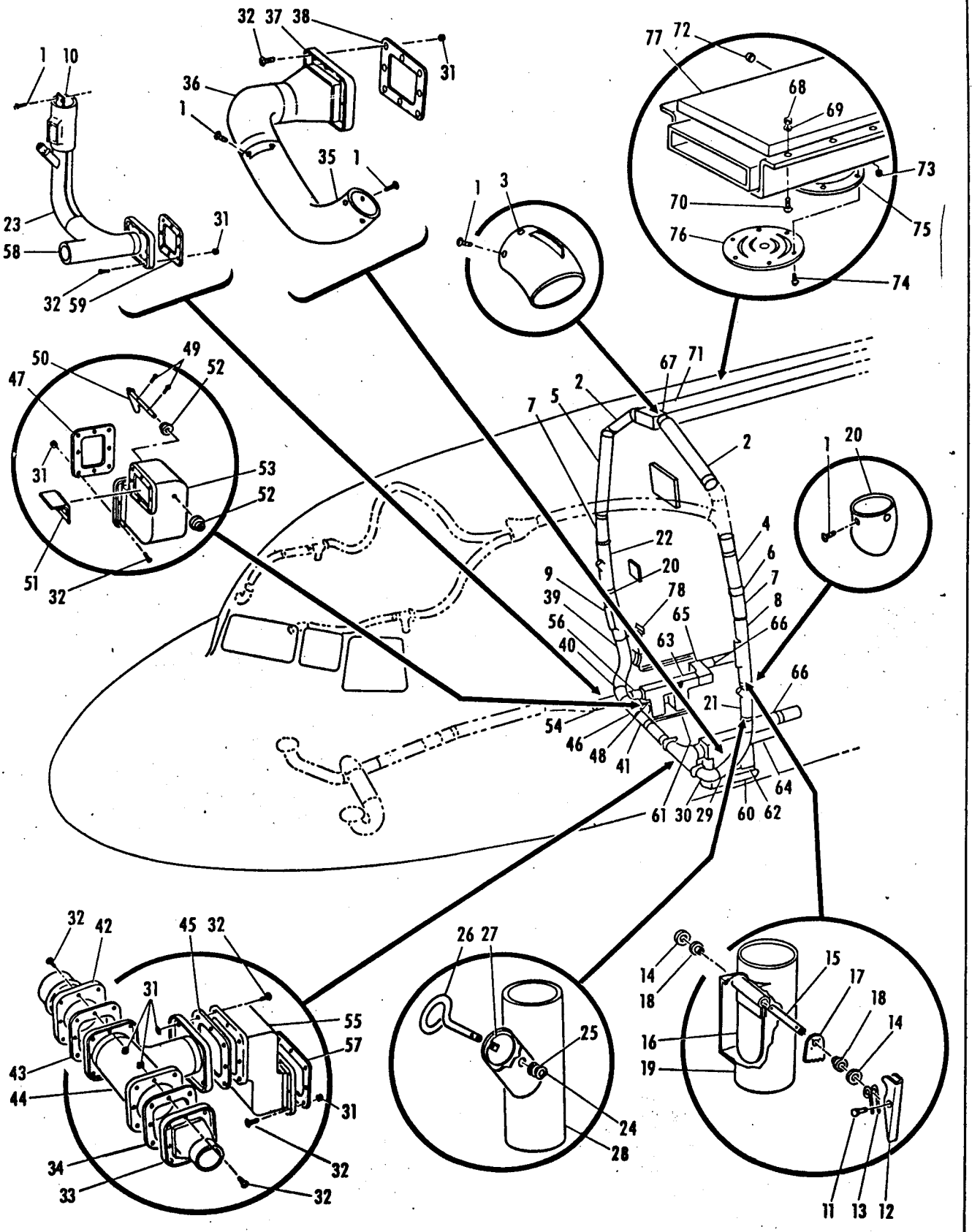

Figure 224. Fuselage Hot Air System

V4-252

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
224	5141469	SYSTEM INSTL, FUSELAGE HOT AIR (SEE FIG. 16 FOR NHA)	REF	A
	5202279	SYSTEM INSTL, FUSELAGE HOT AIR (SEE FIG. 16 FOR NHA)	REF	B
- 1	MS24622-29	SCREW, (ALT PN AN530-8-6)	AR	AB
- 2	2142717-6	DUCT ASSY, BRANCH TO CONNECTOR HOT AIR STA 177	2	A
	2142717-6	DUCT ASSY, BRANCH TO CONNECTOR HOT AIR STA 177 (LH SIDE)	1	B
- 3	2142843	ELBOW ASSY, HOT AIR 30 DEGREE STA 177	2	A
	2142843	ELBOW ASSY, HOT AIR 30 DEGREE STA 177 (LH SIDE)	1	B
- 4	2142717-4	DUCT ASSY, BRANCH TO ELBOW HOT AIR STA 177	1	A
	2142717-10	DUCT ASSY, BRANCH TO ELBOW HOT AIR STA 177 (LH SIDE)	1	B
- 5	2142717-8	DUCT ASSY, ELBOW TO ELBOW HOT AIR STA 177	1	A
- 6	2142844	ELBOW ASSY, HOT AIR 18 DEGREE STA 177	2	A
	2142844	ELBOW ASSY, HOT AIR 18 DEGREE STA 177 (LH SIDE)	1	B
- 7	2142717-2	DUCT ASSY, HOT AIR STA 177	2	A
	2142717-2	DUCT ASSY, HOT AIR STA 177 (LH SIDE)	1	B
- 8	5142199-1	OUTLET ASSY, RADIO OPERATOR AND NAVIGATOR HEAT RH (LH SIDE)	1	AB
- 9	5142199	OUTLET ASSY, RADIO OPERATOR AND NAVIGATOR HEAT LH (RH SIDE)	1	A
- 10	5202633	OUTLET ASSY, RADIO OPERATOR HOT AIR (RH SIDE)	1	B
- 11	MS20392-1C21	PIN, (ALT PN AN393-21)	1	AB
- 12	1142214	HANDLE, TAKEOFF DEFROSTING VALVE	1	AB
- 13	1142166	SPRING, TAKEOFF DEFROSTING VALVE	1	AB
- 14	AN960-616	WASHER	2	AB
- 15	1142212	SHAFT, TAKEOFF DEFROSTING VALVE	1	AB
- 16	2142200	FLAP ASSY, HEAT OUTLET	1	AB
- 17	1142210	PLATE, DEFROSTING VALVE POSITIONING	1	AB
- 18	1142211	BEARING, TAKEOFF DEFROSTING VALVE	2	AB
- 19	5142654	DUCT ASSY, RADIO OPERATOR AND NAVIGATOR HEAT	1	AB
	5202633-2	OUTLET ASSY, RADIO OPERATOR HOT AIR (WELDED)	1	B
- 20	2142845	ELBOW ASSY, HOT AIR 22 DEGREE STA 177	2	A
	2142845	ELBOW ASSY, HOT AIR 22 DEGREE STA 177 (LH SIDE)	1	B
- 21	4141675	OUTLET ASSY, FUSELAGE HOT AIR HAND WARMING LH	1	AB
- 22	4141675-1	OUTLET ASSY, FUSELAGE HOT AIR HAND WARMING RH	1	A
- 23	4202612	DUCT ASSY, RADIO OPERATOR HOT AIR (RH SIDE)	1	B
	4141675-6	VALVE ASSY, FUSELAGE HOT AIR HAND WARMING OUTLET LH	1	AB
	4141675-7	VALVE ASSY, FUSELAGE HOT AIR HAND WARMING OUTLET RH	1	A
	4202612-6	VALVE ASSY, RADIO OPERATOR HOT AIR DUCT	1	B
- 24	1141419	SPRING, 1-1/2 VALVE OPERATING SHAFT	1	AB
- 25	AN960D10	WASHER	3	AB
- 26	1141371	SHAFT, 1-1/2 DEFROSTING VALVE	1	AB
- 27	1141372	FLAP, 1-1/2 DEFROSTING VALVE	1	AB
- 28	4141675-4	TUBE ASSY, VALVE (WELDED)	1	AB
	4202612-4	DUCT ASSY, RADIO OPERATOR HOT AIR (WELDED)	1	B
- 29	4141984	ELBOW ASSY, FUSELAGE HOT AIR DUCT STA 177	1	A
- 30	4141967	ELBOW ASSY, FUSELAGE HOT AIR DUCT 90 DEGREE	1	A
- 31	NAS446-2-1	NUT, (ALT PN 1181M1 (78553))	AR	A
- 32	MS24622-18	SCREW, (ALT PN AN530-6-8)	AR	A
- 33	4141970	REDUCER ASSY, FUSELAGE HOT AIR DUCT	1	A
- 34	1143836	GASKET, HOT AIR DUCT JOINT	1	A
- 35	4202423	ELBOW ASSY, HOT AIR STA 156	1	B
- 36	2202440	ELBOW ASSY, MIXING CHAMBER STA 177	1	B
- 37	4141970	REDUCER ASSY, FUSELAGE HOT AIR DUCT	1	B
- 38	1143836	GASKET, HOT AIR DUCT JOINT	1	B
- 39	4141986	ELBOW ASSY, FUSELAGE HOT AIR DUCT STA 156	1	A
- 40	4141975	ELBOW ASSY, FUSELAGE HOT AIR DUCT 45 DEGREE	1	A
- 41	2142259-12	DUCT ASSY, CONNECTOR TO TEE HOT AIR	1	A
- 42	4141962	FITTING ASSY, FUSELAGE HOT AIR DUCT TRANSITION	1	A
- 43	1143836	GASKET, HOT AIR DUCT JOINT	1	A
- 44	4142042	TEE ASSY, FUSELAGE HOT AIR DUCT	1	A
- 45	1143836	GASKET, HOT AIR DUCT JOINT	1	A
- 46	4142217	CONNECTOR ASSY, HOT AIR UPPER BYPASS	1	A
- 47	1143864	GASKET, HOT AIR BYPASS JOINT	1	A
- 48	5141976	ELBOW ASSY, HOT AIR BYPASS	1	A
- 49	MS35206-231	SCREW, (ALT PN AN515-6-10)	2	A
	5141976-4	BYPASS ASSY, HOT AIR ELBOW	1	A
- 50	1142144	SHAFT ASSY, HOT AIR BYPASS VALVE	1	A
- 51	2142242	VALVE ASSY, HOT AIR BYPASS ELBOW	1	A
- 52	1141878	BEARING, HOT AIR SAFETY VALVE	2	A
- 53	5141976-2	ELBOW ASSY, HOT AIR BYPASS (WELDED)	1	A
- 54	4141959	TEE ASSY, HOT AIR BYPASS	1	A
- 55	4142001	CONNECTOR ASSY, FUSELAGE HOT AIR DUCT	1	A
- 56	4141962	FITTING ASSY, FUSELAGE HOT AIR DUCT TRANSITION	1	A
- 57	1143836	GASKET, HOT AIR DUCT JOINT	1	A
- 58	4202611	TEE ASSY, RADIO OPERATOR HOT AIR	1	B
- 59	1143836	GASKET, HOT AIR DUCT JOINT	1	B
- 60	5142164	SCOOP INSTL, HOT AIR MIXING VALVE LH (SEE FIG. 230 FOR DETAILS)	1	AB
- 61	5142164-1	SCOOP INSTL, HOT AIR MIXING VALVE RH (SEE FIG. 230 FOR DETAILS)	1	AB
- 62	5141983	VALVE ASSY, FUSELAGE HOT AIR MIXING LH (SEE FIG. 230 FOR DETAILS)	1	AB
- 63	5141983-1	VALVE ASSY, FUSELAGE HOT AIR MIXING RH (SEE FIG. 230 FOR DETAILS)	1	AB
- 64	4141981	CONNECTOR ASSY, FUSELAGE HOT AIR DUCT INLET	1	AB
- 65	4141963	CONNECTOR ASSY, FUSELAGE HOT AIR DUCT ELBOW	1	AB
- 66	4141979	CONNECTOR ASSY, CENTER WING TO FUSELAGE HOT AIR DUCT	2	AB
- 67	5141360	CONNECTOR ASSY, CABIN HEAT DUCT	1	A
	5202330	CONNECTOR ASSY, CABIN HOT AIR DUCT END	1	B
- 68	NAS446-4-1	NUT, (ALT PN 1778M1 (78553))	AR	AB

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
224 - 69	S124682-3F8-25	WASHER	28	AB
- 70	MS24622-31	SCREW, (ALT PN AN530-8-10)	28	AB
- 71	5142300	DUCT ASSY, REVISED MAIN CABIN WOODEN AIR	1	AB
- 72	8	GROMMET, (77969)	3	AB
- 73	NAS395-16-1	NUT, (ALT PN 1789M1 (78553))	24	AB
- 74	MS24621-32	SCREW, (ALT PN AN530-8-12)	24	AB
- 75	1113386	GASKET, MAIN CABIN AIR DUCT DIFFUSER	4	AB
- 76	4113194	DIFFUSER, MAIN CABIN DUCT AIR	4	AB
- 77	5142300-44	DUCT ASSY, MAIN CABIN WOODEN AIR	1	AB
- 78	5142194	CONTROL INSTL, HOT AIR VALVE (SEE FIG. 225 FOR DETAILS)	1	A
	5202278	CONTROL INSTL, FUSELAGE HEAT AND VENT SYSTEM VALVE (SEE FIG. 226 FOR DETAILS)	1	B
		A 003 THRU 015, 027 AND 028		
		B 016 THRU 025, 029 THRU 541 AND 555 THRU 558		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

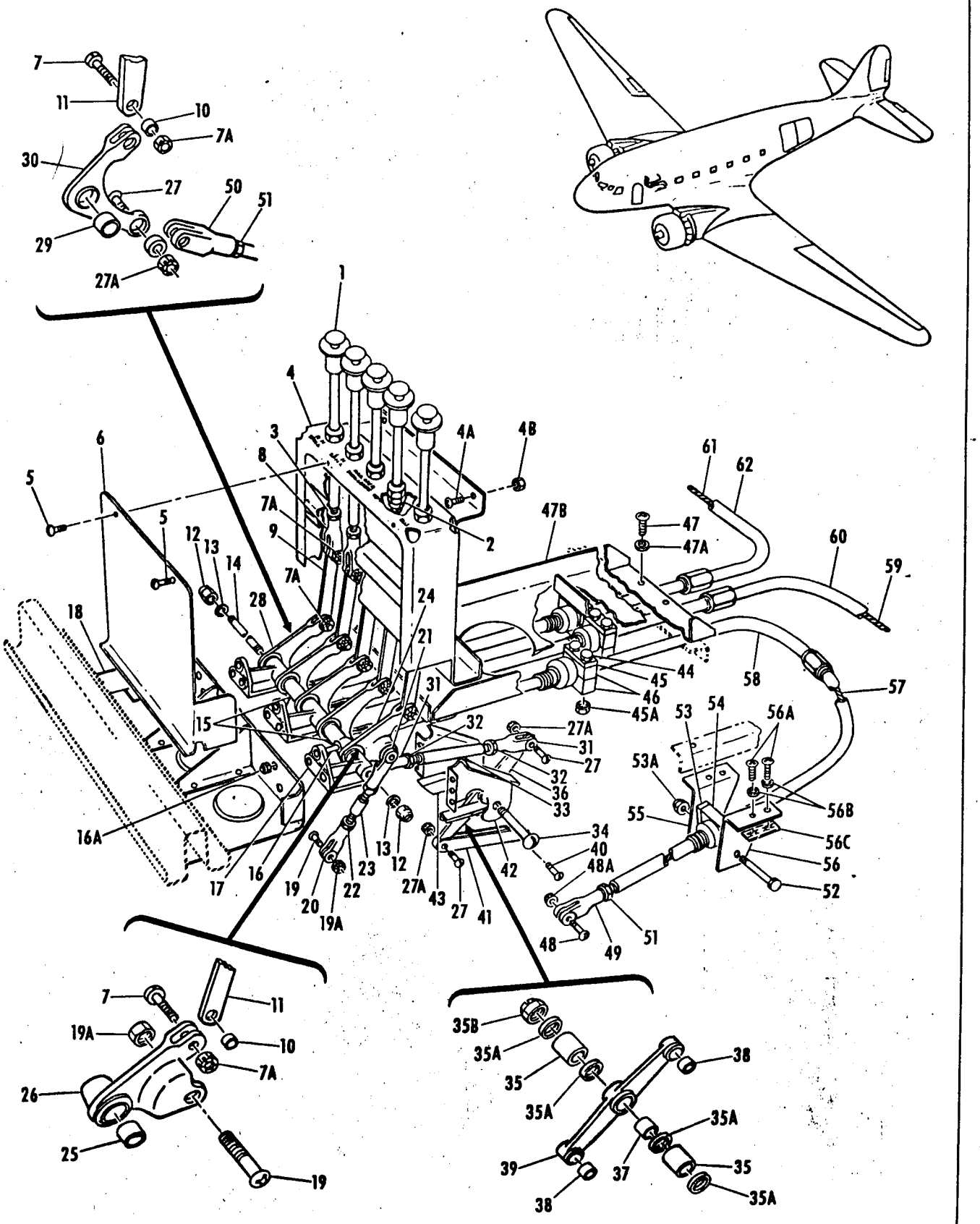

Figure 225. Hot Air Valve Control

V4-204

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
225	5142194	CONTROL INSTL, HOT AIR VALVE (SEE FIG. 224 FOR NHA)	REF	A
- 1	2142354	LEVER ASSY, HOT AIR CONTROL PEDESTAL	5	A
- 2	MS21044N6	NUT, (ALT PN AN365-624)	5	A
- 3	AN316-4R	NUT	5	A
- 4	5142148	BOX ASSY, HOT AIR CONTROL	1	A
		(ATTACHING PARTS)		
- 4A	MS35206-244	SCREW, (ALT PN AN526-832-7)	5	A
- 4B	MS21044D08	NUT, (ALT PN AN365D832)	5	A
- 5	MS24621-30	SCREW, (ALT PN AN530-8-8)	4	A
- 6	5142148-10	PLATE, HOT AIR CONTROL BOX	1	A
- 7	AN23-10	BOLT	10	A
- 7A	AN320-3	NUT	10	A
- 8	MS27975-4	CLEVIS, (ALT PN AN486-4)	5	A
- 9	1142096	LINK ASSY, CONTROL PEDESTAL CONNECTING	5	A
- 10	A301-2	BUSHING, (70417)	2	A
- 11	1142096-2	LINK, CONTROL PEDESTAL CONNECTING	1	A
- 12	AN310D5	NUT	2	A
- 13	AN960A516	WASHER	6	A
- 14	1142223	SHAFT, HOT AIR BELLCRANK	1	A
- 15	NAS43DD5-72	SPACER, (ALT PN S117425-5D104)	2	A
- 16	AN23-10A	BOLT	9	A
- 16A	MS21044N3	NUT, (ALT PN AN365-1032)	9	A
- 17	4142218	BRACKET, HOT AIR PEDESTAL LEVER	3	A
- 18	4142247	SUPPORT ASSY, HOT AIR BELLCRANK BRACKET	1	A
- 19	AN23-10	BOLT	2	A
- 19A	AN320-3	NUT	2	A
- 20	MS27975-4	CLEVIS, (ALT PN AN486-4)	1	A
- 21	MS27975-3	CLEVIS, (ALT PN AN486-3)	1	A
- 22	AN316-4R	NUT	2	A
- 23	1142250-4	ROD, HOT AIR VALVE CONNECTING	1	A
- 24	4142158	LEVER ASSY, HOT AIR VALVE CONTROL LONG STA 172	1	A
- 25	A401-1	BUSHING, (70417)	1	A
- 26	4142158-2	LEVER, HOT AIR VALVE CONTROL LONG	1	A
- 27	AN23-12	BOLT	6	A
- 27A	AN320-3	NUT	6	A
- 28	4142143	LEVER ASSY, HOT AIR VALVE CONTROL SHORT STA 172	4	A
- 29	A401-3	BUSHING, (70417)	1	A
- 30	4142143-2	LEVER, HOT AIR VALVE CONTROL SHORT	1	A
- 31	MS27975-3	CLEVIS, (ALT PN AN486-3)	2	A
- 32	AN316-4R	NUT	2	A
- 33	1142250-2	ROD, HOT AIR VALVE CONNECTING	1	A
- 34	AN25-31	BOLT	1	A
- 35	NAS43DD5-24	SPACER, (ALT PN S117425-5D012)	2	A
- 35A	AN960A516	WASHER	4	A
- 35B	AN320-5	NUT	1	A
- 36	2142174	LEVER ASSY, HOT AIR VALVE CONTROL AUXILIARY STA 182	1	A
- 37	A401-3	BUSHING, (70417)	1	A
- 38	A313-4	BUSHING, (70417)	2	A
- 39	2142174-2	LEVER, HOT AIR VALVE CONTROL AUXILIARY	1	A
- 40	AN23-10	BOLT	1	A
	AN320-3	NUT	1	A
- 41	1142405	LINK, RH MIXING CHAMBER VALVE	2	A
- 42	4142221	BRACKET ASSY, HOT AIR AUXILIARY LEVER LH	1	A
- 43	4142221-1	BRACKET ASSY, HOT AIR AUXILIARY LEVER RH	1	A
- 44	AN4-16A	BOLT	6	A
- 45	1142297	SPACER, NACELLE FIXED FERRULE	3	A
- 45A	MS21044N4	NUT, (ALT PN AN365-428)	6	A
- 46	ASP15-10	CLIP, RIGID (77932)	6	A
- 47	MS24621-29	SCREW, (ALT PN AN530-8-6)	6	A
- 47A	AN960A8L	WASHER	6	A
- 47B	2142442	SUPPORT ASSY, HOT AIR CONTROL	1	A
- 48	AN23-10	BOLT	1	A
- 48A	AN320-3	NUT	1	A
- 49	MS27975-4	CLEVIS, (ALT PN AN486-4)	1	A
- 50	MS27975-3	CLEVIS, (ALT PN AN486-3)	3	A
- 51	AN316-4R	NUT	4	A
- 52	AN4-20A	BOLT	2	A
- 53	1142297	SPACER, NACELLE FIXED FERRULE	2	A
- 53A	MS21044N4	NUT, (ALT PN AN365-428)	2	A
- 54	ASP15-10	CLIP, RIGID (77932)	2	A
- 55	1142497	ANCHOR, MIXING CHAMBER CONTROL LH (DRILL ON INSTL)	1	A
- 56	1142497-1	ANCHOR, MIXING CHAMBER CONTROL RH (DRILL ON INSTL)	1	A
		(ATTACHING PARTS)		
- 56A	MS24621-29	SCREW, (ALT PN AN530-8-6)	4	A
- 56B	AN960A8	WASHER	4	A
- 56C	6067-8Z	NUT, TWIN TYPE SPEED (78553)	2	A
- 57	4142837-4	CABLE ASSY, HOT AIR LH MIXING VALVE CONTROL	1	A
- 58	4142837-2	TUBE ASSY, HOT AIR LH MIXING VALVE CONTROL CABLE	1	A
- 59	5142840-6	CABLE ASSY, HOT AIR LH RELEASE VALVE CONTROL	1	A
- 60	5142840-4	TUBE ASSY, HOT AIR LH RELEASE VALVE CONTROL CABLE	1	A
- 61	5142851-6	CABLE ASSY, HOT AIR RH RELEASE VALVE CONTROL	1	A
- 62	5142851-4	TUBE ASSY, HOT AIR RH RELEASE VALVE CONTROL CABLE	1	A
		A 003 THRU 015, 027 AND 028		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

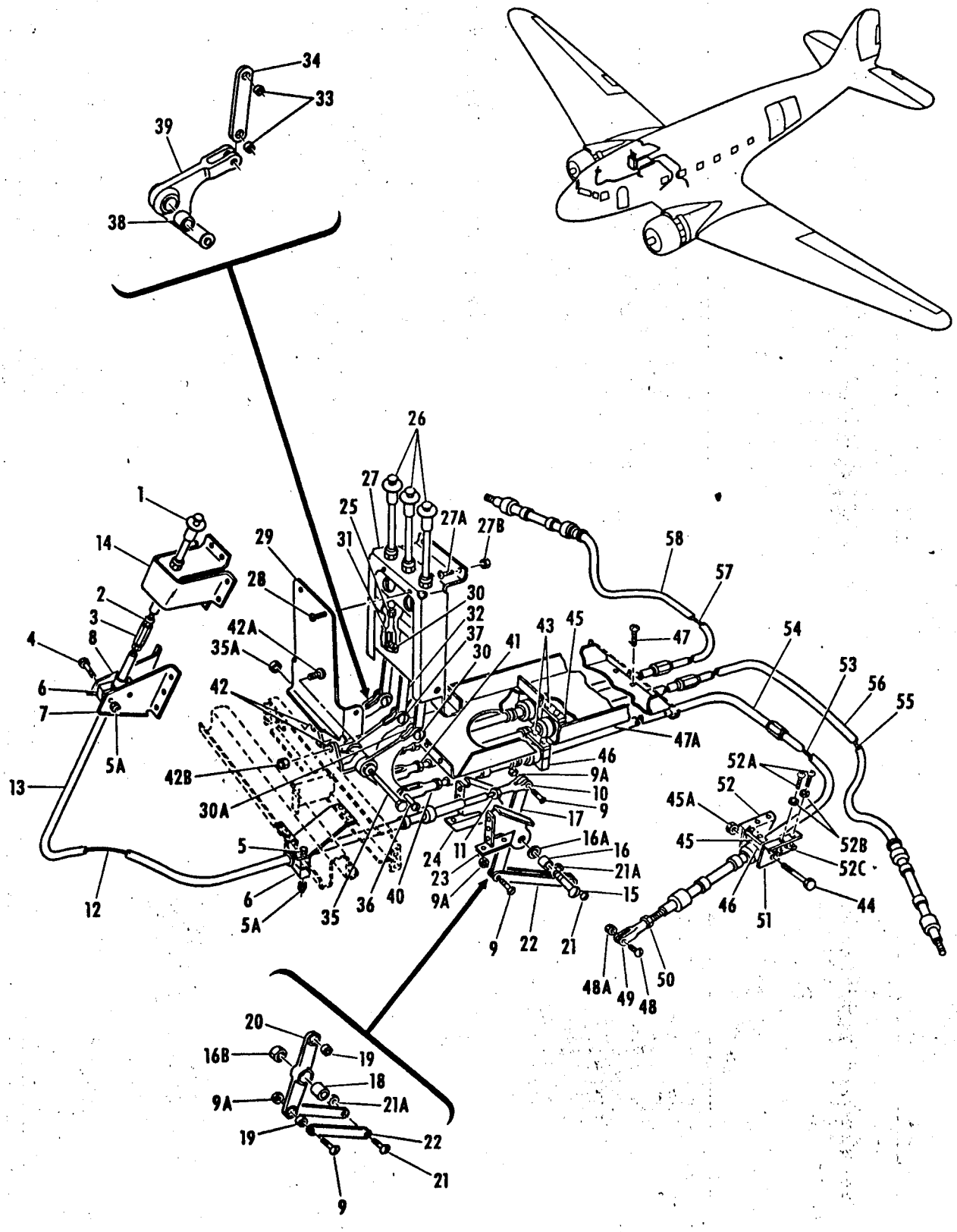

Figure 226. Fuselage Heat and Vent System Valve Control

V4-202

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
226	5202278	CONTROL INSTL, FUSELAGE HEAT AND VENT SYSTEM VALVE (SEE FIG. 224 FOR NHA)	REF	A
- 1	2142354	LEVER ASSY, HOT AIR CONTROL PEDESTAL	1	A
- 2	AN316-4R	NUT	2	A
- 3	1143720	UNION, COCKPIT HEAT AND VENT CONTROL	1	A
- 4	AN4-15A	BOLT	2	A
- 5	AN4-16A	BOLT	2	A
- 5A	MS21044N4	NUT, (ALT PN AN365-428)	4	A
- 6	ASP15-10	CLIP, (77932)	4	A
- 7	2143547	BRACKET, COCKPIT HEAT AND VENT CONTROL LH	1	A
- 8	2143547-1	BRACKET, COCKPIT HEAT AND VENT CONTROL RH	1	A
- 9	AN23-12	BOLT	2	A
- 9A	AN320-3	NUT	2	A
- 10	MS27975-3	CLEVIS, (ALT PN AN486-3)	1	A
- 11	AN316-4R	NUT	1	A
228 -	5143424	CONTROL ASSY, COCKPIT HEAT AND VENT	1	A
- 12	5143424-2	CABLE ASSY, COCKPIT HEAT AND VENT CONTROL	1	A
- 13	5143424-4	TUBE ASSY, COCKPIT HEAT AND VENT CONTROL	1	A
- 14	2143649	BRACKET ASSY, PILOT HEAT AND VENT CONTROL ROD	1	A
- 15	AN25-31	BOLT	1	A
- 16	NAS43DD5-24	SPACER, (ALT PN S2033900-7D049-012)	2	A
- 16A	AN960A516	WASHER	4	A
- 16B	AN320-5	NUT	1	A
- 17	2142174	LEVER ASSY, HOT AIR VALVE CONTROL AUXILIARY STA 182	1	A
- 18	A401-3	BUSHING, (70417)	1	A
- 19	A313-4	BUSHING, (70417)	2	A
- 20	2142174-2	LEVER, HOT AIR VALVE CONTROL AUXILIARY	1	A
- 21	AN23-10	BOLT	1	A
- 21A	AN320-3	NUT	1	A
- 22	1142405	LINK, RH MIXING CHAMBER VALVE	2	A
- 23	4142221	BRACKET ASSY, HOT AIR AUXILIARY LEVER LH	1	A
- 24	4142221-1	BRACKET ASSY, HOT AIR AUXILIARY LEVER RH	1	A
- 25	AN316-4R	NUT	3	A
- 26	2142354	LEVER ASSY, HOT AIR CONTROL PEDESTAL	3	A
- 27	5143573	BOX ASSY, HEAT AND VENT CONTROL STA 178	1	A
		(ATTACHING PARTS)		
- 27A	MS35206-244	SCREW, (ALT PN AN526-832-7)	4	A
- 27B	MS21044N08	NUT, (ALT PN AN365-832)	4	A
- 28	MS24621-29	SCREW, (ALT PN AN530-8-6)	4	A
- 29	5143573-8	COVER, HEAT AND VENT CONTROL BOX	1	A
- 30	AN23-10	BOLT	6	A
- 30A	AN320-3	NUT	6	A
- 31	MS27975-4	CLEVIS, (ALT PN AN486-4)	3	A
- 32	1142096	LINK ASSY, CONTROL PEDESTAL CONNECTING	3	A
- 33	A301-2	BUSHING, (70417)	3	A
- 34	1142096-2	LINK, CONTROL PEDESTAL CONNECTING	1	A
- 35	AN5-46	BOLT	1	A
- 35A	AN310D5	NUT	1	A
- 36	AN23-12	BOLT	3	A
	AN320-3	NUT	3	A
- 37	4142143	LEVER ASSY, HOT AIR VALVE CONTROL SHORT STA 173	3	A
- 38	A401-3	BUSHING, (70417)	1	A
- 39	4142143-2	LEVER, HOT AIR VALVE CONTROL SHORT	1	A
- 40	MS27975-3	CLEVIS, (ALT PN AN486-3)	3	A
- 41	AN316-4R	NUT	3	A
- 42	4142218	BRACKET, HOT AIR PEDESTAL LEVER	2	A
		(ATTACHING PARTS)		
- 42A	AN23-10A	BOLT	6	A
- 42B	MS21044N3	NUT, (ALT PN AN365-1032)	6	A
- 43	AN4-16A	BOLT	6	A
- 44	AN4-20A	BOLT	2	A
- 45	1142297	SPACER, NACELLE FIXED FERRULE	5	A
- 45A	MS21044N4	NUT, (ALT PN AN365-428)	8	A
- 46	ASP15-10	CLIP, (77932)	8	A
- 47	MS24621-29	SCREW, (ALT PN AN530-8-6)	6	A
- 47A	2142442	SUPPORT ASSY, HOT AIR CONTROL	1	A
- 48	AN23-10	BOLT	1	A
- 48A	AN320-3	NUT	1	A
- 49	MS27975-4	CLEVIS, (ALT PN AN486-4)	1	A
- 50	AN316-4R	NUT	1	A
- 51	1142497	ANCHOR, LH MIXING CHAMBER CONTROL LH	1	A
- 52	1142497-1	ANCHOR, LH MIXING CHAMBER CONTROL RH	1	A
		(ATTACHING PARTS)		
- 52A	MS24621-29	SCREW, (ALT PN AN530-8-6)	4	A
- 52B	AN960A8	WASHER	4	A
- 52C	6067-8Z	NUT, TWIN SPEED (78553)	2	A
- 53	4142837-4	CABLE ASSY, HOT AIR LH MIXING VALVE CONTROL	1	A
- 54	4142837-2	TUBE ASSY, HOT AIR LH MIXING VALVE CONTROL CABLE	1	A
- 55	5142840-6	CABLE ASSY, HOT AIR LH RELEASE VALVE CONTROL	1	A
- 56	5142840-4	TUBE ASSY, HOT AIR LH RELEASE VALVE CONTROL CABLE	1	A
- 57	5142851-6	CABLE ASSY, HOT AIR RH RELEASE VALVE CONTROL	1	A
- 58	5142851-4	TUBE ASSY, HOT AIR RH RELEASE VALVE CONTROL CABLE	1	A
		A 016 THRU 025, 029 THRU 541 AND 555 THRU 558 SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

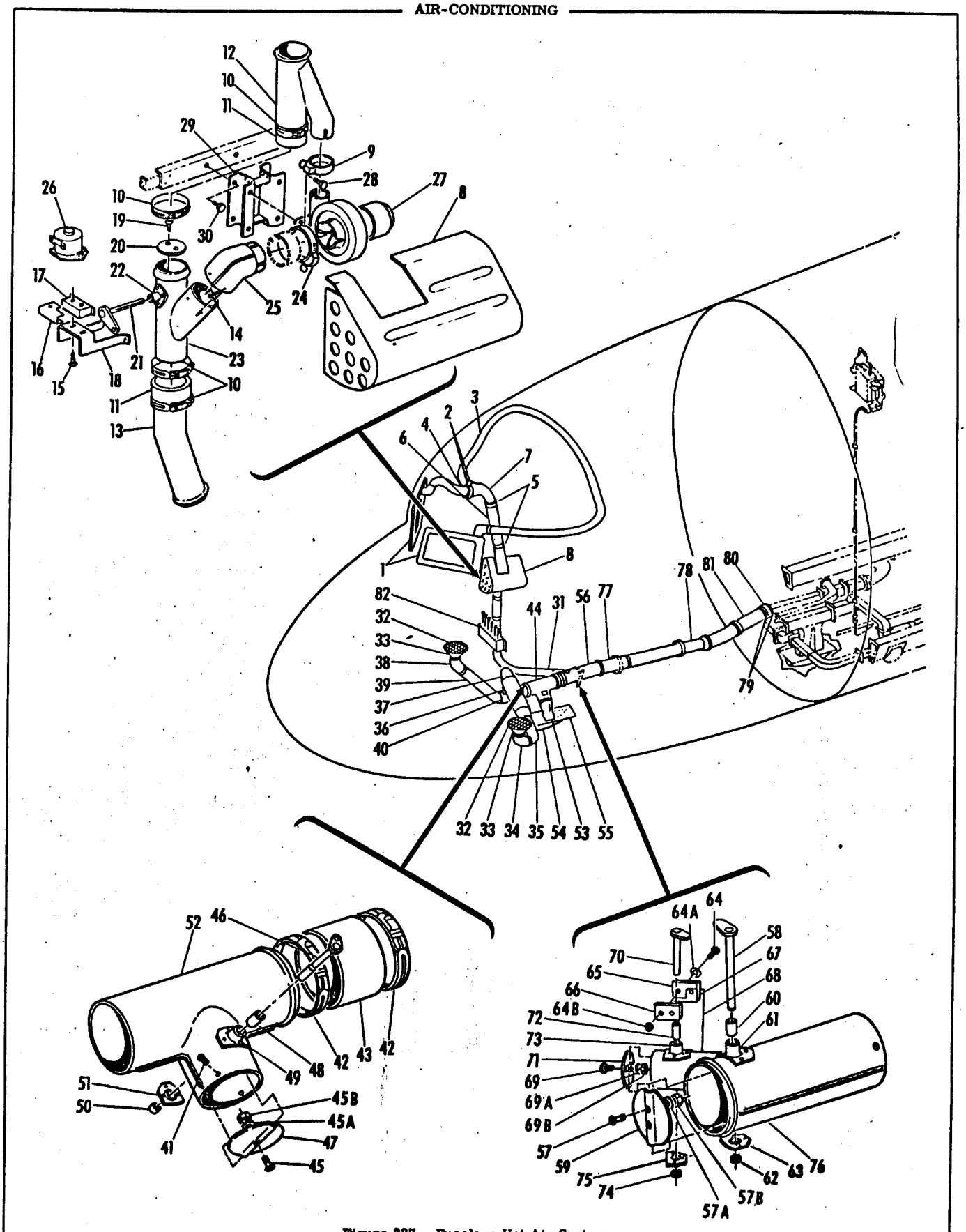

Figure 227. Fuselage Hot Air System

V4-205

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
227	5188282	SYSTEM INSTL, FUSELAGE HOT AIR (SEE FIG. 16 FOR NHA)	REF	A
- 1	128	WINDSHIELD ASSY, (77694) (USED ON LH AND RH SIDE)	2	A
- 2	AN748-66	CLAMP	2	A
- 3	2188535-2	TUBE, WINDSHIELD TO OUTLET DEFROSTER HOT AIR FLEXIBLE	1	A
- 4	2188535-4	TUBE, WINDSHIELD TO OUTLET DEFROSTER HOT AIR FLEXIBLE	1	A
- 5	NAS398-44	CLAMP, (ALT PN A3122-44-59 (78553))	2	A
- 6	P228	HOSE, (61463)	1	A
- 7	4189227	OUTLET ASSY, WINDSHIELD DEFROSTER HOT AIR	1	A
		(ATTACHING PARTS)		
	MS35206-243	SCREW, (ALT PN AN526-832-6)	4	A
	AN960A8L	WASHER	4	A
	MS21044N08	NUT, (ALT PN AN365-832)	4	A
- 8	4189280	COVER ASSY, WINDSHIELD HOT AIR DEFROSTER BLOWER	1	A
		(ATTACHING PARTS)		
	MS35206-243	SCREW, (ALT PN AN526-832-6)	12	A
- 9	AN748-66	CLAMP	1	A
- 10	NAS398-44	CLAMP, (ALT PN A3122-44-59 (78553))	6	A
- 11	K7139-10-0224	HOSE, (61463)	3	A
- 12	4188373	DUCT ASSY, WINDSHIELD DEFROSTER UPPER WYE	1	A
- 13	4189210	ELBOW ASSY, WINDSHIELD DEFROSTER BLOWER FLOOR	1	A
	3188462	VALVE ASSY, WINDSHIELD DEFROSTER WYE	1	A
		(ATTACHING PARTS)		
- 14	MS24621-18	SCREW, (ALT PN AN530-6R8)	4	A
- 15	MS35206-235	SCREW, (ALT PN AN515-6-20)	2	A
	AN960-6D	WASHER	2	A
	MS21044N06	NUT, (ALT PN AN365-632)	2	A
- 16	1188513	COVER ASSY, WINDSHIELD DEFROSTER VALVE SWITCH	1	A
- 17	BZ7RL22T	SWITCH ASSY, MICRO (91929)	1	A
- 18	2188511	BRACKET, WINDSHIELD DEFROSTER VALVE SWITCH	1	A
- 19	MS35206-231	SCREW, (ALT PN AN515-6-10)	2	A
	MS21044N06	NUT, (ALT PN AN365-632)	2	A
- 20	2188589	DAMPER, WINDSHIELD DEFROSTER BLOWER VALVE	1	A
- 21	1188512	SHAFT ASSY, WINDSHIELD DEFROSTER BLOWER VALVE	1	A
- 22	2188463	BEARING ASSY, WINDSHIELD DEFROSTER BLOWER VALVE	2	A
- 23	4188370	WYE ASSY, WINDSHIELD DEFROSTER BLOWER VALVE	1	A
- 24	AN748-66	CLAMP	1	A
- 25	4188369	ELBOW ASSY, WINDSHIELD DEFROSTER BLOWER	1	A
- 26	7064	RELAY ASSY, (35344)	1	A
		(ATTACHING PARTS)		
	MS35206-243	SCREW, (ALT PN AN526-832-6)	2	A
	AN960A8	WASHER	4	A
	MS21044N08	NUT, (ALT PN AN365-832)	2	A
- 27	CM25-4-1/2CC	BLOWER ASSY, (72189)	1	A
		(ATTACHING PARTS)		
- 28	AN4-6A	BOLT	4	A
	AN960-416	WASHER	4	A
	MS21044N4	NUT, (ALT PN AN365-428)	4	A
- 29	4188563	BRACKET ASSY, WINDSHIELD DEFROSTER BLOWER	1	A
		(ATTACHING PARTS)		
- 30	AN3-5A	BOLT	4	A
	AN960-10L	WASHER	4	A
	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
- 31	4188565	ELBOW ASSY, PILOT WINDSHIELD DEFROSTER FLOOR	1	A
		(ATTACHING PARTS)		
	MS24621-18	SCREW, (ALT PN AN530-6R8)	4	A
- 32	2113956	SCREEN, HEAT AND VENT HOT AIR PILOT OUTLET	2	A
		(ATTACHING PARTS)		
	MS35206-245	SCREW, (ALT PN AN526-832-8)	12	A
- 33	4142151	OUTLET ASSY, COCKPIT HOT AIR	2	A
	MS24621-29	SCREW, (ALT PN AN530-8-6)	4	A
- 34	4142076	DUCT ASSY, OUTLET CONNECTION RH	1	A
	MS24621-29	SCREW, (ALT PN AN530-8-6)	4	A
- 35	4142070	ELBOW ASSY, FUSELAGE HOT AIR STA 77	1	A
	MS24621-29	SCREW, (ALT PN AN530-8-6)	4	A
- 36	2142097	CROSSOVER ASSY, FUSELAGE HOT AIR FLAT	1	A
	MS24621-29	SCREW, (ALT PN AN530-8-6)	4	A
- 37	4142069	ELBOW ASSY, FUSELAGE HOT AIR TRANSITION	1	A
	MS24621-29	SCREW, (ALT PN AN530-8-6)	4	A
- 38	4142098	ELBOW ASSY, FUSELAGE HOT AIR STA 70	1	A
	MS24621-29	SCREW, (ALT PN AN530-8-6)	4	A
- 39	4142016	ELBOW ASSY, HOT AIR COCKPIT	1	A
	MS24621-18	SCREW, (ALT PN AN530-6R8)	4	A
- 40	5142068	SPLITTER ASSY, FUSELAGE HOT AIR DUCT (DRILL ON INSTL)	1	A
- 41	MS24621-18	SCREW, (ALT PN AN530-6R8)	4	A
- 42	NAS398-68	CLAMP, (ALT PN A3122-68-59 (78553))	2	A
- 43	K7139-16-0216	HOSE, (61463)	1	A
- 44	3188422	VALVE ASSY, PILOT COLD AIRSCOOP TEE (DRILL ON INSTL)	1	A
- 45	MS35207-266	SCREW, (ALT PN AN520-10-14)	1	A
- 45A	AN960-10	WASHER	1	A

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
227 - 45B	MS21044N3	NUT, (ALT PN AN365-1032)		
- 46	1188411	SHAFT ASSY, PILOT COLD AIRSCOOP TEE	1	A
- 47	2188426	GATE ASSY, PILOT COLD AIRSCOOP TEE	1	A
	1188424	PLATE ASSY, PILOT COLD AIRSCOOP TEE	1	A
- 48	A532-2	BEARING, (70417) (SIZE ID TO 0.376/0.378 ON INSTL)	1	A
- 49	1188424-6	PLATE ASSY, PILOT COLD AIRSCOOP TEE	1	A
	1188466	PLATE ASSY, PILOT COLD AIRSCOOP TEE	1	A
- 50	1188433	BEARING, PILOT HOT AIR WYE OUTLET PLATE (MAKE FROM A532-7 (70417)) (SIZE ID TO 0.376/0.378 ON INSTL)	1	A
- 51	1188466-6	PLATE ASSY, PILOT COLD AIRSCOOP TEE	1	A
- 52	4188425	TEE ASSY, PILOT COLD AIRSCOOP	1	A
	MS24621-18	SCREW, (ALT PN AN530-6R8)	1	A
- 53	4188508	ELBOW ASSY, PILOT COLD AIR TRANSITION	4	A
	5188592	SCOOP INSTL, PILOT COLD AIR	1	A
- 54	5188610	SCOOP ASSY, PILOT COLD AIR (DRILL ON INSTL)	1	A
		(ATTACHING PARTS)	1	A
	MS35207-245	SCREW, (ALT PN AN520-8-8)		
	COML	WASHER, (TYPE AN960)	15	A
	MS21044N08	NUT, (ALT PN AN365-832)	15	A
			15	A
- 55	2188604	DOUBLER, PILOT COLD AIRSCOOP		
	MS24621-18	SCREW, (ALT PN AN530-6R8)	1	A
- 56	3188474	VALVE ASSY, PILOT HOT AIR WYE	4	A
- 57	MS35207-266	SCREW, (ALT PN AN520-10-14)	1	A
- 57A	AN960-10	WASHER	2	A
- 57B	MS21044N3	NUT, (ALT PN AN365-1032)	2	A
- 58	1188427	SHAFT ASSY, PILOT HOT AIR WYE OUTLET VALVE	2	A
- 59	2188533	GATE ASSY, PILOT HOT AIR WYE OUTLET	1	A
	1188541	PLATE ASSY, PILOT HOT AIR WYE OUTLET UPPER	1	A
- 60	A532-1	BEARING, (70417) (SIZE ID TO 0.376/0.378 ON INSTL)	1	A
- 61	1188541-6	PLATE ASSY, PILOT HOT AIR WYE OUTLET UPPER	1	A
	1188542	PLATE ASSY, PILOT HOT AIR WYE OUTLET LOWER	1	A
- 62	1188433	BEARING, PILOT HOT AIR WYE OUTLET PLATE (MAKE FROM A532-7 (70417)) (SIZE ID TO 0.376/0.378 ON INSTL)	1	A
- 63	1188542-6	PLATE ASSY, PILOT HOT AIR WYE OUTLET LOWER	1	A
- 64	MS35206-235	SCREW, (ALT PN AN515-6-20)	2	A
- 64A	AN960-6	WASHER	2	A
- 64B	MS21044N06	NUT, (ALT PN AN365-632)	2	A
- 65	1188513	COVER ASSY, WINDSHIELD DEFROSTER VALVE SWITCH	1	A
- 66	3188474-2	BLOCK, PILOT HOT AIR WYE VALVE	1	A
- 67	BZ7RL22T	SWITCH ASSY, MICRO (91929)	1	A
- 68	4188546	BRACKET, PILOT HOT AIR WYE SWITCH	1	A
- 69	MS35207-266	SCREW, (ALT PN AN520-10-14)	1	A
- 69A	AN960-10	WASHER	1	A
- 69B	MS21044N3	NUT, (ALT PN AN365-1032)	1	A
- 70	1188545	SHAFT ASSY, PILOT HOT AIR WYE OUTLET VALVE	1	A
- 71	2188552	GATE ASSY, PILOT HOT AIR WYE OUTLET	1	A
	1188544	PLATE ASSY, PILOT HOT AIR WYE OUTLET UPPER	1	A
- 72	A418-8	BEARING, (70417) (SIZE ID TO 0.3135/0.3145)	1	A
- 73	1188544-6	PLATE ASSY, PILOT HOT AIR WYE OUTLET UPPER	1	A
	1188543	PLATE ASSY, PILOT HOT AIR WYE OUTLET LOWER	1	A
- 74	1188586	BEARING, PILOT HOT AIR WYE OUTLET PLATE (MAKE FROM A418-2 (70417)) (SIZE ID TO 0.3135/0.3145 ON INSTL)	1	A
- 75	1188543-6	PLATE ASSY, PILOT HOT AIR WYE OUTLET LOWER	1	A
- 76	3188549	WYE ASSY, PILOT HOT AIR	1	A
- 77	4142083	DUCT ASSY, HOT AIR STA 117	1	A
	MS24621-18	SCREW, (ALT PN AN530-6R8)	4	A
- 78	2142259-10	DUCT ASSY, HOT AIR STA 118 TO 146 (DRILL ON INSTL)	1	A
- 79	NAS398-68	CLAMP, (ALT PN A3122-68-59 (78553))	2	A
- 80	K7139-16-0216	HOSE, (61463)	1	A
- 81	4188608	DUCT ASSY, FUSELAGE HOT AIR INSULATED (DRILL ON INSTL)	1	A
- 82	5188483	CONTROL INSTL, PILOT HOT AIR VALVE	1	A
		(SEE FIG. 229 FOR DETAILS)		
		A 542 THRU 554		

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

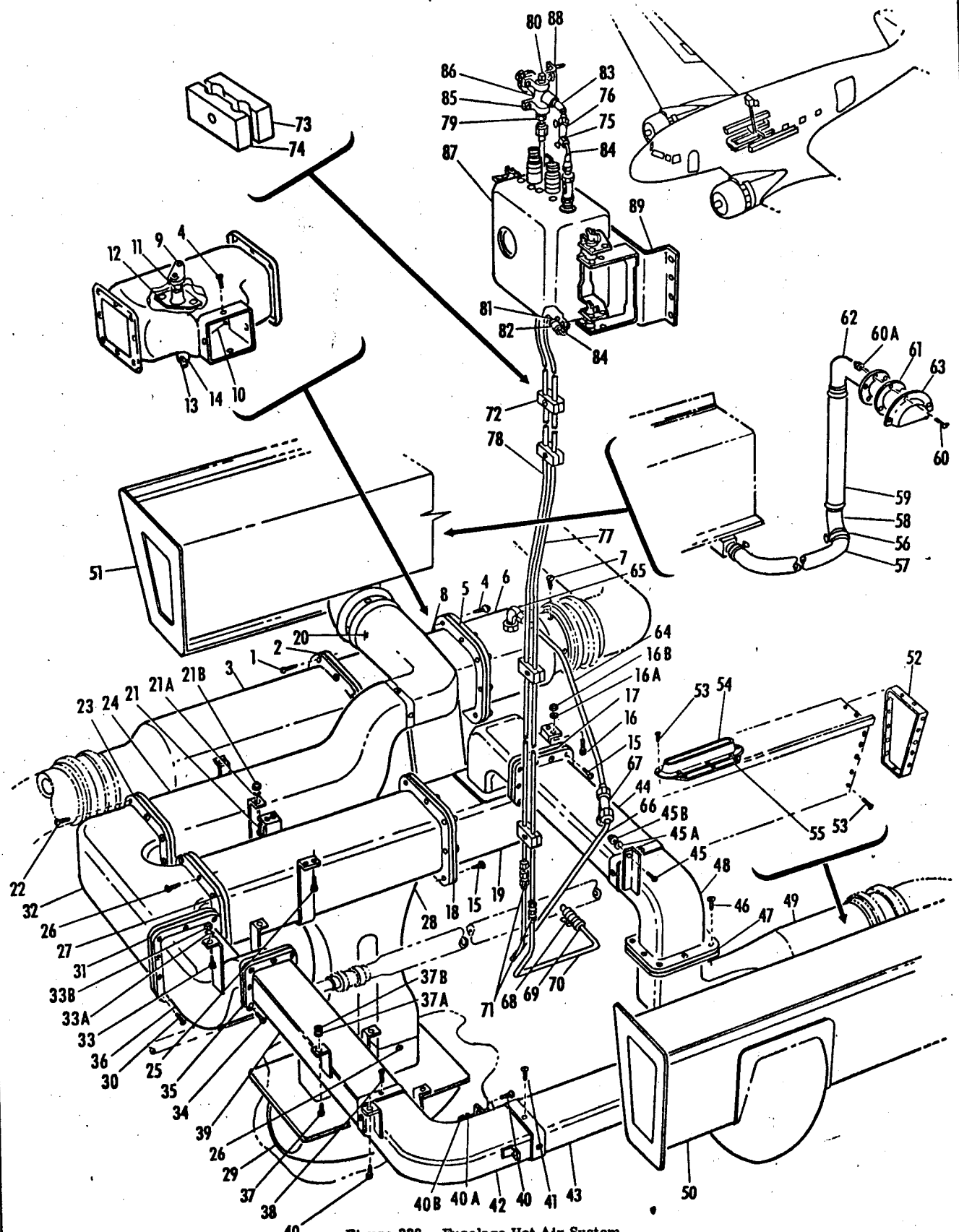

Figure 228. Fuselage Hot Air System

V4-203

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
228	5188282	SYSTEM INSTL, FUSELAGE HOT AIR (SEE FIG. 16 FOR NHA)	REF	A
- 1	MS24621-18	SCREW, (ALT PN AN530-6R8)	8	A
- 2	2188429	GASKET, HOT AIR DUCT TEE FLANGE	1	A
- 3	4188539	FLANGE ASSY, FUSELAGE HOT AIR CONNECTOR INSULATED	1	A
- 4	MS24621-18	SCREW, (ALT PN AN530-6R8)	12	A
- 5	2188429	GASKET, HOT AIR DUCT TEE FLANGE	1	A
- 6	1188468	FLANGE ASSY, CENTER WING TO FUSELAGE HOT AIR CONNECTOR	1	A
- 7	MS24621-18	SCREW, (ALT PN AN530-6R8)	4	A
- 8	4188386	VALVE ASSY, FUSELAGE HOT AIR DUCT TEE	1	A
- 9	1188405	SHAFT ASSY, FUSELAGE HOT AIR DUCT TEE	1	A
- 10	2188402	GATE ASSY, HOT AIR DUCT TEE CONTROL VALVE	1	A
	1188410	PLATE ASSY, HOT AIR DUCT TEE VALVE UPPER	1	A
- 11	A532-9	BEARING, (70417) (SIZE ID TO 0.376/0.378 ON INSTL)	1	A
- 12	1188410-4	PLATE ASSY, HOT AIR DUCT TEE VALVE UPPER	1	A
	1188408	PLATE ASSY, HOT AIR DUCT TEE VALVE LOWER	1	A
- 13	A535-15	BEARING, (70417) (SIZE ID TO 0.376/0.378 ON INSTL)	1	A
- 14	1188408-4	PLATE ASSY, HOT AIR DUCT TEE VALVE LOWER	1	A
- 15	MS24621-18	SCREW, (ALT PN AN530-6R8)	18	A
- 16	MS35206-245	SCREW, (ALT PN AN515-8-8)	2	A
- 16A	AN960-8L	WASHER	2	A
- 16B	MS21044N08	NUT, (ALT PN AN365-832)	2	A
- 17	2188428	GASKET, HOT AIR MIXING CHAMBER INLET FLANGE	1	A
- 18	2188432	GASKET, FUSELAGE HOT AIR MIXING CHAMBER FLANGE	1	A
- 19	3188471	FLANGE ASSY, HOT AIR MIXING CHAMBER INLET	1	A
	MS24621-18	SCREW, (ALT PN AN530-6R8)	8	A
- 20	4188498	ELBOW ASSY, FUSELAGE WARM AIR DUCT INSULATED	1	A
- 21	MS35206-245	SCREW, (ALT PN AN515-8-8)	2	A
- 21A	AN960-8L	WASHER	2	A
- 21B	MS21044N08	NUT, (ALT PN AN365-832)	2	A
- 22	MS24621-18	SCREW, (ALT PN AN530-6R8)	10	A
- 23	2188605	GASKET, HOT AIR MIXING CHAMBER OUTLET FLANGE	1	A
- 24	4188497	ELBOW ASSY, HOT AIR MIXING CHAMBER OUTLET INSULATED	1	A
- 25	MS35206-245	SCREW, (ALT PN AN515-8-8)	4	A
	AN960-8L	WASHER	4	A
	MS21044N08	NUT, (ALT PN AN365-832)	4	A
- 26	MS24621-18	SCREW, (ALT PN AN530-6R8)	12	A
- 27	2188432	GASKET, FUSELAGE HOT AIR MIXING CHAMBER FLANGE	1	A
- 28	5188318	VALVE ASSY, FUSELAGE HOT AIR MIXING CHAMBER (SEE FIG. 230 FOR DETAILS)	1	A
- 29	5188509	SCOOP INSTL, HOT AIR MIXING CHAMBER (SEE FIG. 230 FOR DETAILS)	1	A
- 30	MS24621-18	SCREW, (ALT PN AN530-6R8)	10	A
- 31	2188605	GASKET, HOT AIR MIXING CHAMBER OUTLET FLANGE	1	A
- 32	4188366	OUTLET ASSY, HOT AIR MIXING CHAMBER INSULATED	1	A
- 33	MS35206-245	SCREW, (ALT PN AN515-8-8)	2	A
- 33A	AN960-8L	WASHER	2	A
- 33B	MS21044N08	NUT, (ALT PN AN365-832)	2	A
- 34	MS24621-18	SCREW, (ALT PN AN530-6R8)	8	A
- 35	2188431	GASKET, MIXING CHAMBER OUTLET ELBOW FLANGE	1	A
- 36	4188413	ELBOW ASSY, HOT AIR MIXING CHAMBER OUTLET INSULATED	1	A
- 37	MS35206-245	SCREW, (ALT PN AN515-8-8)	2	A
- 37A	AN960-8L	WASHER	2	A
- 37B	MS21044N08	NUT, (ALT PN AN365-832)	2	A
- 38	MS24621-18	SCREW, (ALT PN AN530-6R8)	4	A
- 39	2188437	DUCT ASSY, FUSELAGE WARM AIR CROSSWISE FORWARD	1	A
- 40	MS35206-245	SCREW, (ALT PN AN515-8-8)	4	A
- 40A	AN960-8L	WASHER	4	A
- 40B	MS21044N08	NUT, (ALT PN AN365-832)	4	A
- 41	MS24621-18	SCREW, (ALT PN AN530-6R8)	4	A
- 42	4188464	ELBOW ASSY, FUSELAGE WARM AIR CROSSWISE INSULATED	1	A
	MS24621-18	SCREW, (ALT PN AN530-6R8)	4	A
- 43	4188537	ELBOW ASSY, FUSELAGE WARM AIR DUCT TRANSITION	1	A
	MS24621-18	SCREW, (ALT PN AN530-6R8)	4	A
- 44	2188576	DUCT ASSY, FUSELAGE HOT AIR CROSSWISE INSULATED AFT	1	A
- 45	MS35206-245	SCREW, (ALT PN AN515-8-8)	1	A
- 45A	AN960-8L	WASHER	1	A
- 45B	MS21044N08	NUT, (ALT PN AN365-832)	1	A
- 46	MS24621-18	SCREW, (ALT PN AN530-6R8)	8	A
- 47	2188430	GASKET, FUSELAGE HOT AIR DUCT ELBOW FLANGE	1	A
- 48	4188475	FLANGE ASSY, FUSELAGE HOT AIR CROSSWISE ELBOW STA 196	1	A
	MS24621-18	SCREW, (ALT PN AN530-6R8)	4	A
- 49	4188481	FLANGE ASSY, CENTER WING TO FUSELAGE HOT AIR ELBOW	1	A
- 50	5188652	DUCT ASSY, FUSELAGE HOT AIR LH	1	A
- 51	5188652-1	DUCT ASSY, FUSELAGE HOT AIR RH	1	A
		(ATTACHING PARTS)		
	MS24621-19	SCREW, (ALT PN AN530-6R10)	120	A
- 52	2012983	END, CABIN WARM AIR DUCT REAR LH (DRILL ON INSTL)	1	A
	2012983-1	END, CABIN WARM AIR DUCT REAR RH (DRILL ON INSTL)	1	A
		(ATTACHING PARTS)		
	MS24621-17	SCREW, (ALT PN AN530-6-6)	13	A
- 53	MS24621-17	SCREW, (ALT PN AN530-6R6)	56	A
- 54	4244059	NOZZLE ASSY, HOT AIR	7	A
- 55	1244021	SHUTTER, HOT AIR OUTLET	7	A
	5138592	SYSTEM INSTL, LAVATORY AIR VENT	1	A
- 56	AN748-91	CLAMP	2	A

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
228 - 57	5138592-2	HOSE, HOT AIR DUCT TO LAVATORY INLET STA 450 TO 502	1	A
	MS24621-18	SCREW, (ALT PN AN530-6R8)	4	A
- 58	1014892	ELBOW ASSY, LAVATORY WARM AIR	1	A
	MS24621-18	SCREW, (ALT PN AN530-6R8)	4	A
- 59	1108310-217-1200	DUCT, SUPERCHARGER HEAT AND VENT AIR	1	A
- 60	MS35206-245	SCREW, (ALT PN S124630-8-8)	7	A
- 60A	MS21044N08	NUT, (ALT PN AN365-832)	7	A
- 61	1014897	GASKET, LAVATORY WARM AIR INLET	1	A
- 62	2014894	INLET ASSY, LAVATORY WARM AIR	1	A
- 63	2014896	HOOD, LAVATORY WARM AIR INLET	1	A
	5188491	SYSTEM INSTL, CARBON MONOXIDE WARNING	1	A
- 64	4188380-10	PIPE ASSY, CARBON MONOXIDE WARNING ELBOW TO TEE STA 199 TO 191	1	A
- 65	MS20822-4D	ELBOW, (ALT PN AN822-4D)	1	A
- 66	4188380-8	PIPE ASSY, CARBON MONOXIDE WARNING TEE TO UNION STA 191 TO 177	1	A
- 67	AN825-4D	TEE	1	A
- 68	AN748-24	CLAMP	2	A
- 69	NO NUMBER	HOSE, (SPEC AN-H-35)	1	A
- 70	4188380-6	PIPE ASSY, CARBON MONOXIDE WARNING HOSE TO UNION STA 185 TO 177	1	A
- 71	AN815-4D	UNION	2	A
- 72	1188584	FAIRLEAD ASSY, CARBON MONOXIDE PIPE	4	A
- 73	1188584-2	FAIRLEAD, CARBON MONOXIDE PIPE (ORDER NHA 1188584)	1	A
- 74	1188584-4	FAIRLEAD, CARBON MONOXIDE PIPE (ORDER NHA 1188584)	1	A
- 75	AN746-5	CLAMP	2	A
- 76	NO NUMBER	HOSE, (SPEC AN-H-35)	1	A
- 77	4188380-4	PIPE ASSY, CARBON MONOXIDE WARNING UNION TO HOSE STA 177	1	A
- 78	4188380-2	PIPE ASSY, CARBON MONOXIDE WARNING UNION TO ELBOW STA 177	1	A
- 79	AN823-4D	ELBOW	1	A
- 80	MS20913-1D	PLUG, (ALT PN AN913-1)	1	A
- 81	AN746-5	CLAMP	2	A
- 82	NO NUMBER	HOSE, (SPEC AN-H-35)	1	A
- 83	AN844-4D	ELBOW	1	A
- 84	4188380-12	PIPE ASSY, CARBON MONOXIDE WARNING HOSE TO SIGNAL UNIT STA 177	2	A
- 85	750F10	CLIP, (00502)	2	A
		(ATTACHING PARTS)		
	AN530-4-5	SCREW	4	A
	NAS446-1-1	NUT, (ALT PN A1776-4Z1 (78553))	4	A
- 86	AN5829-1	VALVE ASSY	1	A
- 87	42516	SIGNAL ASSY, (40912)	1	A
		(ATTACHING PARTS)		
	AN3-4A	BOLT	4	A
	AN960D10	WASHER	4	A
	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
- 88	1188829	SUPPORT, INSTRUMENT VACUUM CONTROL	1	A
		(ATTACHING PARTS)		
	S2656012-8-8	SCREW	2	A
- 89	4188378	BRACKET, CARBON MONOXIDE SIGNAL MOUNTING	1	A
		A 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

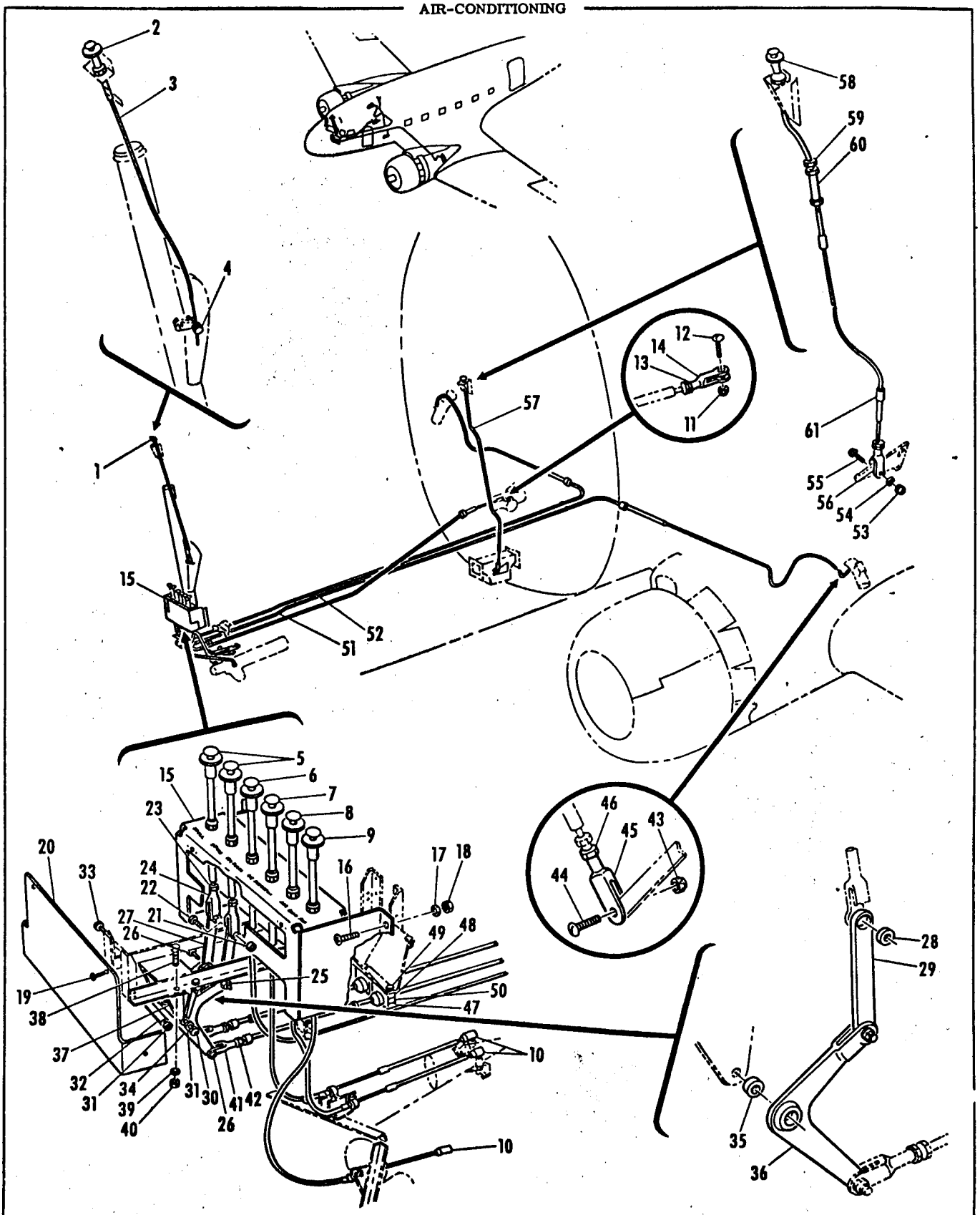

Figure 229. Pilot Hot Air Valve Control

V4-201

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
229	5188483	CONTROL INSTL, PILOT HOT AIR VALVE (SEE FIG. 227 FOR NHA)	REF	A
- 1	2188494	CONTROL ASSY, WINDSHIELD DEFROSTER BLOWER VALVE	1	A
- 2	LF250-1	CONTROL ASSY, LOCKING TYPE (70436)	1	A
- 3	NO NUMBER	HOUSING AND WIRE ASSY, (TYPE FE-.062) (70436)	1	A
- 4	NO NUMBER	FITTING ASSY, END (TYPE FT319) (70436)	1	A
- 5	2142354	LEVER ASSY, HOT AIR CONTROL PEDESTAL	2	A
- 6	4188555	CONTROL ASSY, PILOT HOT AIR TEE VALVE	1	A
- 7	4188492	CONTROL ASSY, PILOT HOT AIR WINDSHIELD DEFROSTER	1	A
- 8	4188557	CONTROL ASSY, PILOT HOT AIR FORWARD	1	A
- 9	4188556	CONTROL ASSY, PILOT COLD AIRSCOOP	1	A
- 10	AN276-6	JOINT ASSY	3	A
- 11	AN320-4	NUT	1	A
- 12	AN24-10	BOLT	1	A
- 13	AN316-4R	NUT	1	A
- 14	MS27975-2	CLEVIS, (ALT PN AN486-2)	1	A
- 15	5188615	BOX ASSY, PILOT HOT AIR VALVE CONTROL	1	A
		(ATTACHING PARTS)		
- 16	MS35206-245	SCREW, (ALT PN AN515-8-8)	6	A
- 17	AN960-8	WASHER	6	A
- 18	MS21044N08	NUT, (ALT PN AN365-832)	6	A
- 19	MS24621-30	SCREW, (ALT PN AN530-8-8)	4	A
- 20	5188615-8	COVER, PILOT HOT AIR VALVE CONTROL BOX	1	A
- 21	AN320-3	NUT	2	A
- 22	AN23-10	BOLT	2	A
- 23	AN316-4R	NUT	2	A
- 24	MS27975-4	CLEVIS, (ALT PN AN486-4)	2	A
- 25	AN320-3	NUT	4	A
- 26	AN23-12	BOLT	4	A
- 27	1188484	LINK ASSY, PILOT HOT AIR CONTROL	2	A
- 28	A301-2	BUSHING, (70417)	2	A
- 29	1188484-2	LINK, PILOT HOT AIR CONTROL	1	A
- 30	AN310-5	NUT	1	A
- 31	AN960-516L	WASHER	3	A
- 32	NAS43DD5-82	SPACER, (ALT PN S117425-5D109)	1	A
- 33	AN5-35	BOLT	1	A
- 34	4142143	LEVER ASSY, HOT AIR VALVE CONTROL SHORT STA 173	2	A
- 35	A401-3	BUSHING, (70417)	1	A
- 36	4142143-2	LEVER, HOT AIR VALVE CONTROL SHORT	1	A
- 37	4188368	BRACKET, PILOT HOT AIR VALVE CONTROL	1	A
		(ATTACHING PARTS)		
- 38	AN3-6	BOLT	4	A
- 39	AN960-10	WASHER	4	A
- 40	AN310-3	NUT	4	A
- 41	MS27975-3	CLEVIS, (ALT PN AN486-3)	2	A
- 42	AN316-4R	NUT	2	A
- 43	AN320-3	NUT	2	A
- 44	AN23-10	BOLT	2	A
- 45	MS27975-4	CLEVIS, (ALT PN AN486-4)	2	A
- 46	AN316-4R	NUT	2	A
- 47	MS21044N4	NUT, (ALT PN AN365-428)	4	A
- 48	1142297	SPACER, NACELLE FIXED FERRULE	2	A
- 49	AN4-16A	BOLT	4	A
- 50	ASP15/10	CLIP, (77932)	4	A
- 51	5188614	CONTROL ASSY, PILOT HOT AIR LEFT SIDE RELEASE VALVE	1	A
- 52	5188613	CONTROL ASSY, PILOT HOT AIR RIGHT SIDE RELEASE VALVE	1	A
- 53	AN320-3	NUT	1	A
- 54	AN960-10L	WASHER	1	A
- 55	AN23-10	BOLT	1	A
- 56	MS27975-4	CLEVIS, (ALT PN AN486-4)	1	A
- 57	4189150	CONTROL ASSY, HOT AIR MIXING CHAMBER	1	A
- 58	2142354	LEVER ASSY, HOT AIR CONTROL PEDESTAL	1	A
- 59	AN316-4R	NUT	2	A
- 60	1143720	UNION, COCKPIT HEAT AND VENT CONTROL	1	A
- 61	2119041-2	CONTROL ASSY, HOT AIR MIXING CHAMBER ARENS FLEXIBLE	1	A
		A 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

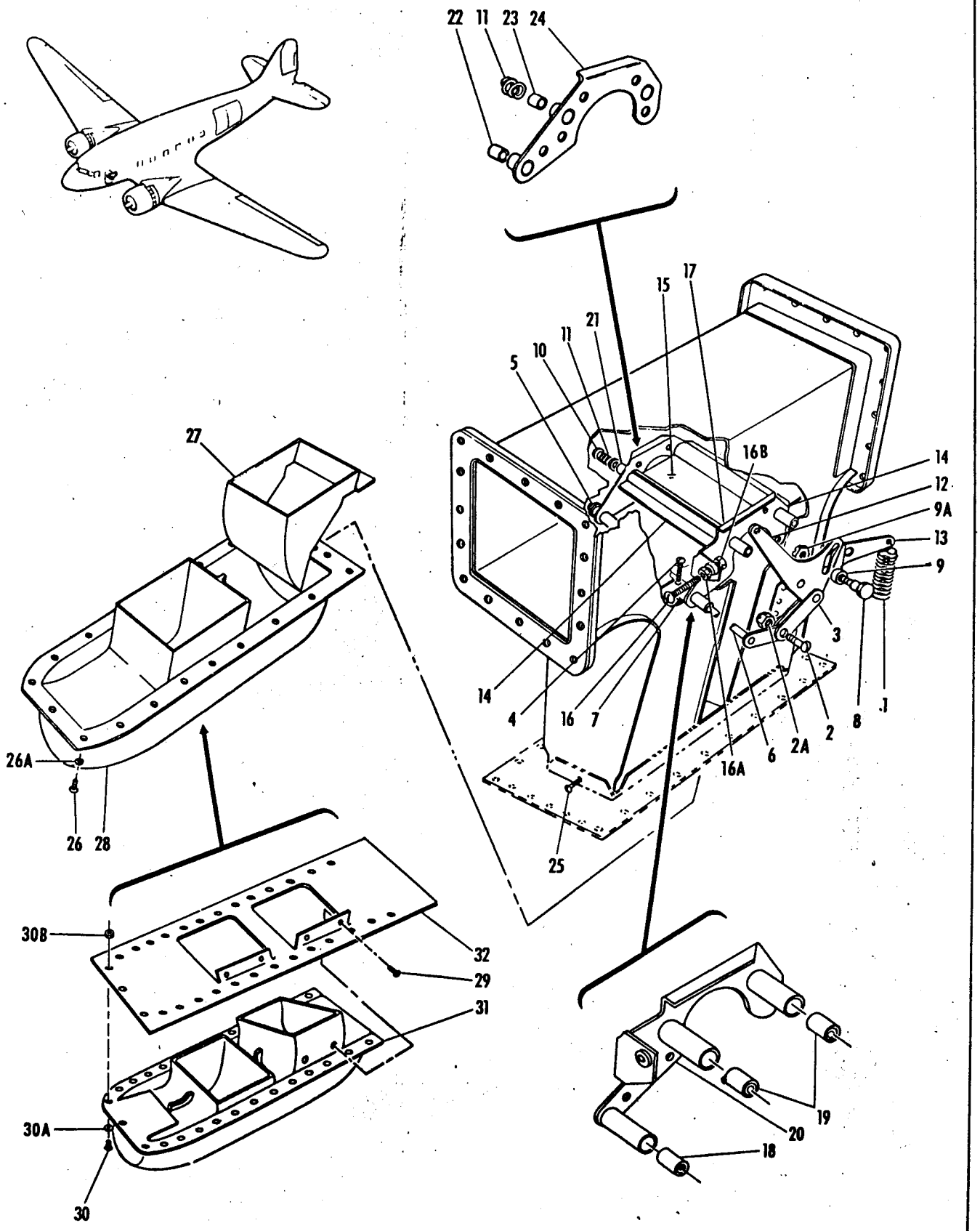

Figure 230. Fuselage Hot Air Mixing Valve and Scoop

V4-207

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
230		FUSELAGE HOT AIR MIXING VALVE AND SCOOP	REF	A
	5141983	VALVE ASSY, FUSELAGE HOT AIR MIXING LH (SEE FIG. 224 FOR NHA)	REF	A
	5141983-1	VALVE ASSY, FUSELAGE HOT AIR MIXING RH (SEE FIG. 224 FOR NHA)	REF	B
	5188318	VALVE ASSY, FUSELAGE HOT AIR MIXING CHAMBER (SEE FIG. 228 FOR NHA)	1	AB
1	1142167	SPRING, MIXING VALVE CONTROL HANDLE	2	AB
2	AN23-10	BOLT	2	B
	AN960-10L	WASHER	2	AB
2A	AN310-3	NUT	2	A
3	1142967	LINK, MIXING CHAMBER BUTTERFLY VALVE	1	B
	1188307	LINK, HOT AIR MIXING CHAMBER BUTTERFLY VALVE	2	A
4	MS24621-18	SCREW, (ALT PN AN530-6-8)	2	B
	MS24621-20	SCREW, (ALT PN AN530-6-12)	1	A
5	AN960-4	WASHER	2	B
	AN960-516	WASHER	1	A
6	1142971	SHAFT ASSY, MIXING CHAMBER BUTTERFLY VALVE	1	B
	1188310	SHAFT ASSY, HOT AIR MIXING CHAMBER BUTTERFLY VALVE	1	A
7	2142969	GATE ASSY, MIXING CHAMBER BUTTERFLY	1	B
	2188300	GATE ASSY, HOT AIR MIXING CHAMBER BUTTERFLY	1	AB
8	1142045	BOLT, MIXING CHAMBER CONTROL VALVE	1	AB
9	1142219	BUSHING, MIXING CHAMBER CONTROL VALVE	1	AB
9A	AN320-3	NUT	3	AB
10	AN960-616	WASHER	2	AB
11	1116370	SPRING, VALVE OPERATING LEVER	1	A
12	4142025	CAM ASSY, MIXING CHAMBER CONTROL VALVE	1	B
	4188312	CAM ASSY, HOT AIR MIXING CHAMBER CONTROL VALVE	1	A
13	4142028	ARM ASSY, MIXING CHAMBER CONTROL VALVE	1	B
	2188305	ARM ASSY, HOT AIR MIXING CHAMBER CONTROL VALVE	2	A
14	2142017	GATE ASSY, MIXING CHAMBER CONTROL VALVE	2	B
	4188314	GATE ASSY, HOT AIR MIXING CHAMBER CONTROL VALVE	1	A
15	2142023	FILLER ASSY, CONTROL VALVE MIXING CHAMBER	1	B
	2188301	FILLER ASSY, HOT AIR MIXING CHAMBER CONTROL VALVE	1	AB
16	MS35207-268	SCREW, (ALT PN AN520-10-22)	2	A
16A	AN315D3R	NUT	2	B
16B	AN315-3R	NUT	1	A
17	2142027	PLATE ASSY, HOT AIR MIXING VALVE BEARING	1	B
	4188316	PLATE ASSY, HOT AIR MIXING CHAMBER VALVE BEARING	1	B
18	A418-9	BEARING, (70417) (SIZE ID TO 0.3195/0.3205 ON INSTL)	2	B
19	A532-16	BEARING, (70417) (SIZE ID TO 0.3755/0.3775 ON INSTL)	1	B
20	4188316-10	PLATE ASSY, HOT AIR MIXING CHAMBER VALVE BEARING	1	A
21	2142064	BEARING ASSY, MIXING CHAMBER CONTROL VALVE	1	B
	4188315	BEARING ASSY, HOT AIR MIXING CHAMBER CONTROL VALVE	1	B
22	A404-1	BEARING, (70417) (SIZE ID TO 0.3195/0.3205 ON INSTL)	2	B
23	A532-7	BEARING, (70417) (SIZE ID TO 0.3755/0.3775 ON INSTL)	1	B
24	4188315-8	PLATE ASSY, HOT AIR MIXING CHAMBER CONTROL VALVE BEARING	REF	A
	5142164	SCOOP INSTL, HOT AIR MIXING VALVE LH (SEE FIG. 224 FOR NHA)	REF	A
	5142164-1	SCOOP INSTL, HOT AIR MIXING VALVE RH (SEE FIG. 224 FOR NHA)	9	A
25	MS24621-29	SCREW, (ALT PN AN530-8-6)	21	A
26	MS24621-30	SCREW, (ALT PN AN530-8-8)	21	A
26A	MS35333B10	WASHER, (ALT PN AN936B10)	1	A
27	4142959	OUTLET ASSY, MIXING CHAMBER HOT AIR SPILL LH	1	A
	4142959-1	OUTLET ASSY, MIXING CHAMBER HOT AIR SPILL RH	1	A
28	5141710	SCOOP ASSY, MIXING VALVE LH	1	A
	5141710-1	SCOOP ASSY, MIXING VALVE RH	REF	B
	5188509	SCOOP INSTL, HOT AIR MIXING CHAMBER (SEE FIG. 228 FOR NHA)	2	B
29	MS24621-30	SCREW, (ALT PN AN530-8R8)	29	B
30	MS27039-0808	SCREW, (ALT PN AN525-832-8)	29	B
30A	AN960D8	WASHER	29	B
30B	MS21044N08	NUT, (ALT PN AN365-832)	1	B
31	5188595	SCOOP ASSY, FUSELAGE HOT AIR MIXING CHAMBER	1	B
32	4188510	DOUBLER, HOT AIR MIXING CHAMBER SCOOP		
		A 003 THRU 025, 027 THRU 541 AND 555 THRU 558		
		B 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

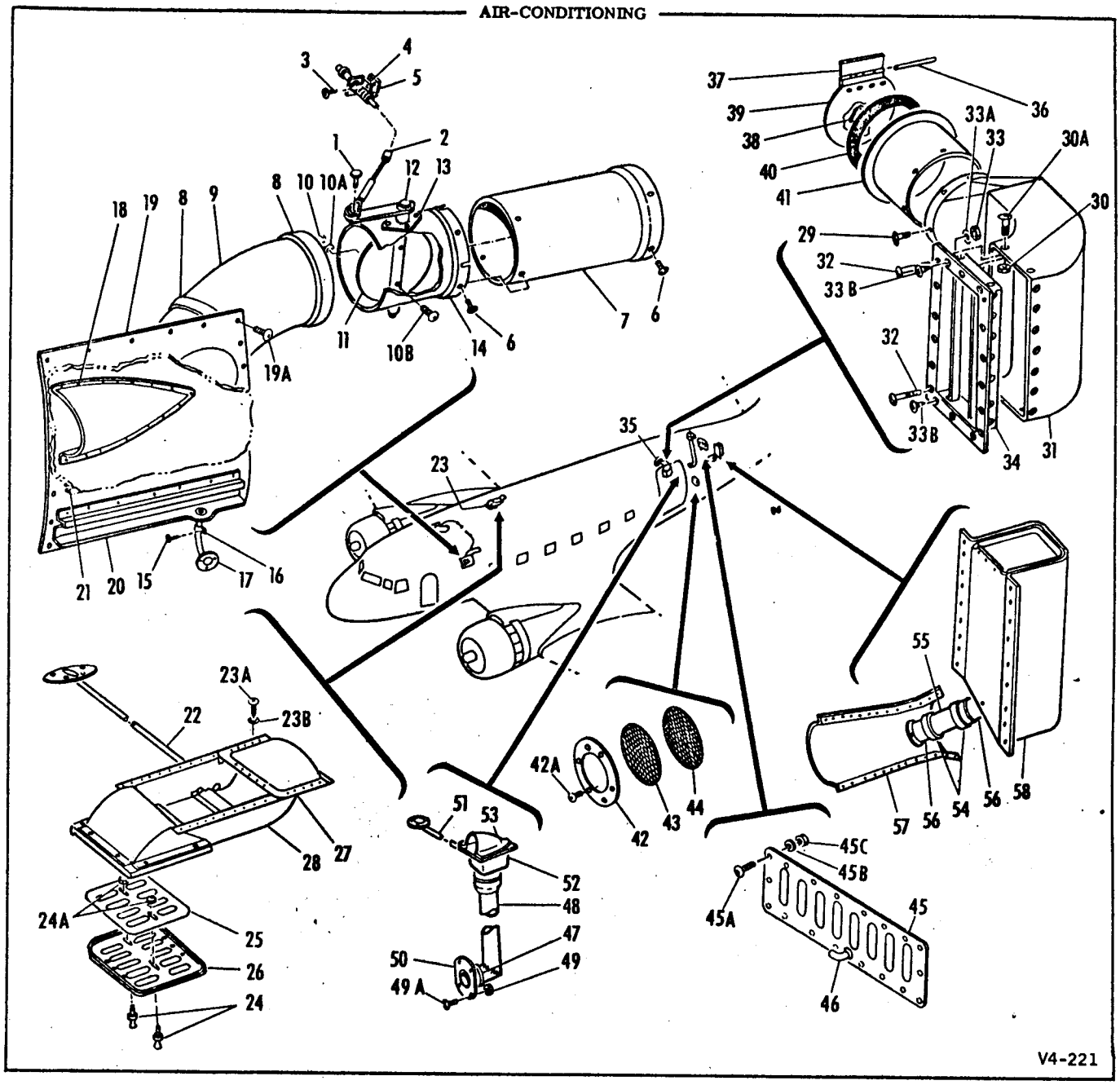

Figure 231. Cold Air Ventilating System

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
231	5188626	SYSTEM INSTL, COLD AIR VENTILATING (SEE FIG. 16 FOR NHA)	REF	A
	5188571	CONTROL INSTL, COLD AIR STA 177	1	A
- 1	MS20392-2C11	PIN	2	A
- 2	2188721	CONTROL, COLD AIR VALVE (MAKE FROM LF125C (70436))	2	A
- 3	AN545-8-3	SCREW	8	A
- 4	5188571-4	ANGLE, COLD AIR CONTROL	2	A
- 5	5188571-2	SHAGER, COLD AIR CONTROL ANGLE	2	A
	5188502	SCOOP AND TRAP INSTL, COLD AIR	1	A
- 6	MS24621-18	SCREW, (ALT PN AN530-8R6)	16	A
- 7	1324231	DUCT, COLD AIR VALVE CONNECT	2	A
- 8	AN737TW107-114	CLAMP, (ALT PN AN737-107)	4	A
- 9	5188502-8	DUCT, COLD AIR FLEXIBLE	2	A

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
231	CONTINUED			
	4188559	VALVE ASSY, COLD AIR ADJUSTMENT		
- 10	MS21044N06	NUT, (ALT PN AN365-632)	2	A
- 10A	AN960D6L	WASHER, (ALT PN AN960A6L)	2	A
- 10B	MS35206-231	SCREW, (ALT PN AN515-6-10)	2	A
- 11	2188558	DISC, COLD AIR VALVE	2	A
- 12	2188590	SHAFT ASSY, COLD AIR VALVE	1	A
	4188560	CASE ASSY, COLD AIR VALVE	1	A
- 13	4188560-2	BEARING, COLD AIR VALVE CASE	1	A
- 14	4188560-4	CASE, COLD AIR VALVE	2	A
- 15	MS24621-31	SCREW, (ALT PN AN530-8R10)	1	A
- 16	A2981A6	CLAMP, (78553)	2	A
- 17	5188502-2	DRAIN ASSY, COLD AIR DUCT	2	A
- 18	3188548	SCOOP ASSY, CABIN COLD AIR	2	A
- 19	5188612	PANEL ASSY, COLD AIR TRAP LH	2	A
	5188612-1	PANEL ASSY, COLD AIR TRAP RH	1	A
		(ATTACHING PARTS)	1	A
- 19A	MS35207-261	SCREW, (ALT PN AN526-1032R6)		
			52	A
- 20	2188505	ANGLE ASSY, COLD AIR TRAP SEAL LH		
	2188505-1	ANGLE ASSY, COLD AIR TRAP SEAL RH	1	A
- 21	S1047635	SEAL, 1/2 X 7/8 BULB ANGLE	1	A
	5138867-502	OUTLET INSTL, CABIN AIR STA 258	8	A
- 22	2016220	DRAIN ASSY, CABIN AIR OUTLET	1	A
- 23	2016386	GRILL ASSY, CABIN AIR OUTLET AJUSTABLE	2	A
		(ATTACHING PARTS)	2	A
- 23A	COML	SCREW, 6 X 3/4 PHILLIPS RECESSED ROUND HEAD CHROME PLATED		
- 23B	AN960-6	WASHER	16	A
			16	A
- 24	S136713-1	KNOB, DOOR FASTENER		
- 24A	68NC2-82	NUT, CLINCH (72962) (ALT PN 68C2-82 (72962))	2	A
- 25	2016386-2	SHUTTER, CABIN AIR OUTLET ADJUSTABLE GRILL	2	A
- 26	2016386-1	COVER, CABIN AIR OUTLET ADJUSTABLE GRILL	1	A
- 27	4188725	CLAM SHELL, CABIN AIR OUTLET	1	A
- 28	5015858	OUTLET, CABIN AIR	1	A
	5189256	INLET INSTL, CONDITIONED AIR STA 450	2	A
- 29	MS24621-29	SCREW, (ALT PN AN530-8R6)	2	A
- 30	MS21044N06	NUT, (ALT PN AN365-632)	1	A
- 30A	MS35206-229	SCREW, (ALT PN AN526-632-7)	10	A
- 31	4189229	DUCT ASSY, CONDITIONED AIR INLET	18	A
- 32	S2656012-6-10	SCREW, (ALT PN S1114190-6-10)	18	A
- 33	MS21044N06	NUT, (ALT PN AN365-632)	1	A
- 33A	AN960D6	WASHER	6	A
- 33B	MS35206-235	SCREW, (ALT PN AN515-6-20)	12	A
- 34	4189255	GRILL ASSY, CONDITIONED AIR INLET	12	A
- 35	4189232	COVER ASSY, CONDITIONED AIR INLET	12	A
- 36	4189232-6	PIN, AIR INLET COVER (MAKE FROM S121873-091-300)	1	A
- 37	4189232-4	HINGE, AIR INLET COVER (MAKE FROM S121874S304)	1	A
- 38	4138115	LATCH ASSY, FLUSH DOOR	1	A
- 39	4189232-2	COVER, CONDITIONED AIR INLET	1	A
- 40	5189256-4	SEAL, CONDITIONED AIR INLET	1	A
- 41	4189245	DUCT, CONDITIONED AIR INLET	1	A
- 42	1023552	COVER, LAVATORY AIR OUTLET	1	A
		(ATTACHING PARTS)	1	A
- 42A	S2656012-6-6	SCREW, (ALT PN S1114190A6-6)		
			6	A
- 43	1022501-1	SCREEN, LAVATORY AIR OUTLET		
- 44	1022501-2	SCREEN, LAVATORY AIR OUTLET	1	A
- 45	4189166	LOUVER ASSY, BULKHEAD STA 538	1	A
		(ATTACHING PARTS)	1	A
- 45A	MS35218-25	SCREW, (ALT PN AN515D6-6)		
- 45B	AN960D6	WASHER	18	A
- 45C	MS21044D06	NUT, (ALT PN AN365D632)	18	A
			18	A
- 46	1012714	KNOB, MANUAL HEAT PANEL CONTROL		
	4344379	VENT INSTL, LAVATORY COLD AIR	1	A
- 47	AN737TW74-82	CLAMP, (ALT PN AN737-74)	1	A
- 48	4344377	DUCT ASSY, LAVATORY COLD AIR VENT	1	A
- 49	MS21044N3	NUT, (ALT PN AN365-1032)	1	A
- 49A	AN509-10R8	SCREW, (ALT PN S1029421-10-8)	4	A
- 50	4188629	VALVE ASSY, LAVATORY COLD AIR INLET	4	A
		(MAKE FROM CA54-2 (72189))	1	A
- 51	1009304-2	DRAIN ASSY, LAVATORY AIR OUTLET		
- 52	4009313	TRAP ASSY, LAVATORY COLD AIR VENT WATER	1	A
- 53	4009342	SCOOP, LAVATORY COLD AIR VENT	1	A
	5189123	DUCT INSTL, BAGGAGE COMPARTMENT VENT AFT	1	A
- 54	AN737TW74-82	CLAMP, (ALT PN AN737-74)	1	A
- 55	K7139-08-0416	HOSE, COLD VENT DUCT (61463)	1	A
- 56	2189254	TUBE, AFT BAGGAGE COMPARTMENT LOWER VENT FLANGED	1	A
- 57	2189253	VENTURI, HEAT AND VENT SUCTION BOX	2	A
- 58	4189120	DUCT ASSY, BAGGAGE COMPARTMENT AFT	1	A
			1	A
		A 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

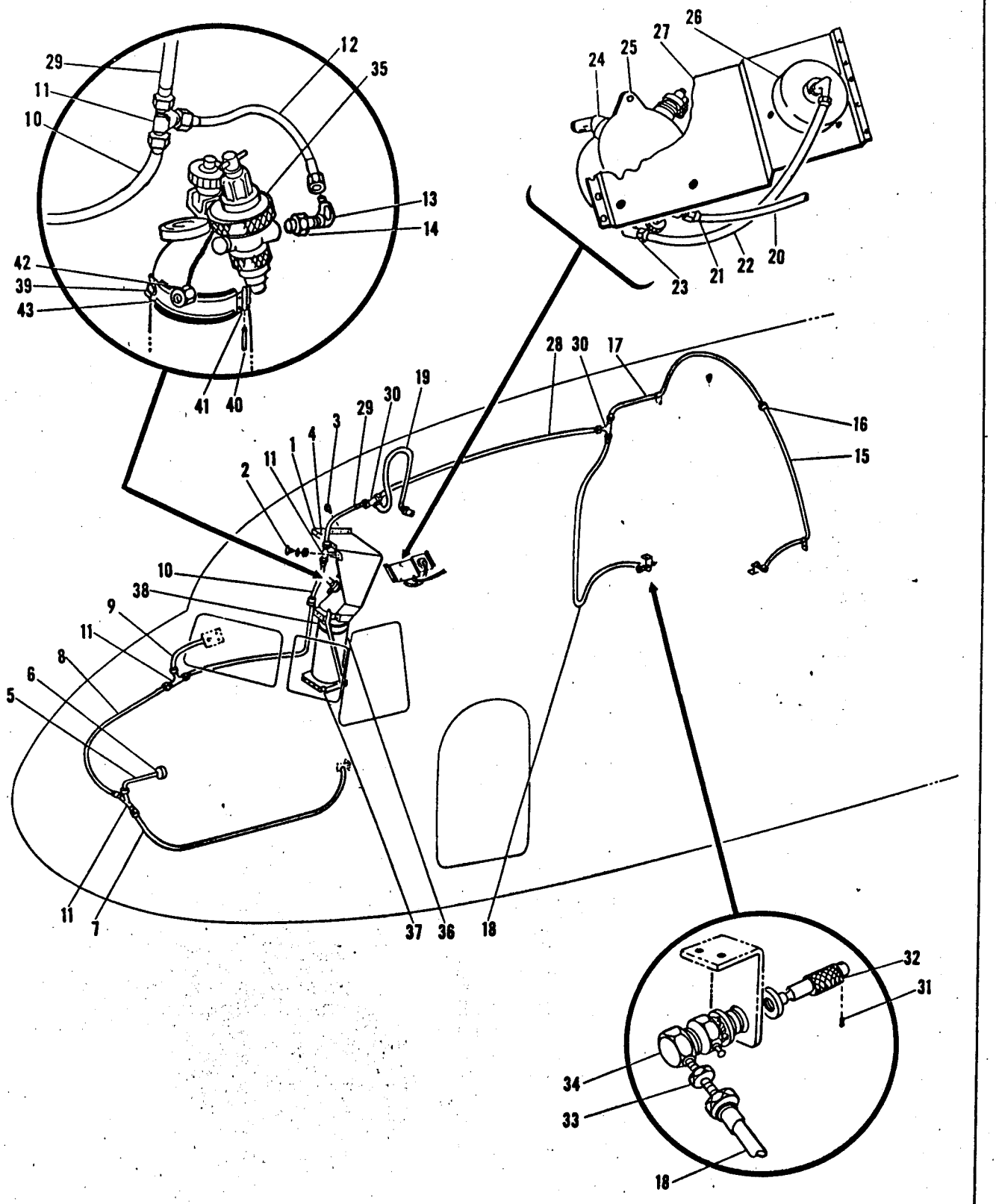

Figure 232. Low Pressure Oxygen System

V4-230

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
232	5110558	SYSTEM INSTL, LOW PRESSURE OXYGEN (SEE FIG. 16 FOR NHA)	REF	AD
- 1	5139452	SHIELD ASSY, OXYGEN BOTTLE	1	AB
		(ATTACHING PARTS)		
- 2	MS24621-43	SCREW, (ALT PN AN530-10-8)	7	AB
	AN960D10	WASHER	7	AB
	NAS446-5-1	NUT, (ALT PN 1779M1 (78553))	7	AD
- 3	MS35206-231	SCREW, (ALT PN AN515-6-10)	4	AB
- 4	6761	LOCKSTRU ASSY, (17875)	4	AD
- 5	2118227-1	HOSE ASSY, TEE TO GAGE STA 29 TO 40	1	AB
- 6	AW1-7/8-15AV	GAGE, 16 POUND OXYGEN (61349)	1	AB
- 7	4118266-8	PIPE ASSY, TEE TO OUTLET STA 29 TO 63 LH	1	AB
- 8	4118266-6	PIPE ASSY, TEE TO TEE STA 53 TO 29 RH	1	AB
- 9	4118266-9	PIPE ASSY, TEE TO DISCONNECT VALVE RH STA 53 TO 63	1	AB
- 10	4118266-4	PIPE ASSY, TEE TO TEE STA 86 TO 53	1	AB
- 11	AC811JT4D	TEE	3	AB
- 12	4118266-1	PIPE ASSY, ELBOW TO TEE STA 86	1	AB
- 13	AC811CT4D	ELBOW	1	AB
- 14	AN912-1	BUSHING, (ALT PN AN895-80)	1	AD
- 15	4118266-11	PIPE ASSY, UNION TO VALVE STA 156 TO 142	1	AD
- 16	AC811HT4D	UNION	1	AB
- 17	4118266-10	PIPE ASSY, TEE TO UNION STA 137 TO 156	1	AB
- 18	4118266-3	PIPE ASSY, TEE TO VALVE STA 137 TO 152	1	AB
- 19	4118266-16	PIPE ASSY, TEE TO COUPLING STA 103	1	C
- 20	400503-3	TUBE ASSY, TEE TO NIPPLE (SEE T.O. 1C-47(S)-506)	1	D
- 21	AN816-5D	NIPPLE, (SEE T.O. 1C-47(S)-506)	1	D
- 22	400503-2	TUBE ASSY, ELBOW TO ELBOW (SEE T.O. 1C-47(S)-506)	1	D
- 23	MS20822-5D	ELBOW, (ALT PN AN822-5D) (SEE T.O. 1C-47(S)-506)	2	D
- 24	MS22055A24	HOSE ASSY, (ALT PN AN6003-24A) (SEE T.O. 1C-47(S)-506)	1	D
- 25	AN6004-1	REGULATOR ASSY, (SEE T.O. 1C-47(S)-506)	1	D
		(ATTACHING PARTS)		
	MS35207-264	SCREW, (ALT PN AN520-10R10) (SEE T.O. 1C-47(S)-506)	3	D
	AN960D10L	WASHER, (SEE T.O. 1C-47(S)-506)	3	D
	MS21044N3	NUT, (ALT PN AN365-1032) (SEE T.O. 1C-47(S)-506)	3	D
- 26	AN6029-1A	INDICATOR ASSY, (SEE T.O. 1C-47(S)-506)	1	D
- 27	400502-1	SUPPORT, (SEE T.O. 1C-47(S)-506)	1	D
- 28	4118266-15	PIPE ASSY, TEE TO TEE STA 103 TO 137	1	AB
- 29	4118266-14	PIPE ASSY, TEE TO TEE STA 86 TO 103	1	AB
- 30	AC811JT4D	TEE	2	AB
	1202146	ADAPTER ASSY, OXYGEN COUPLING	5	AB
- 31	1202146-4	PIN, OXYGEN COUPLING ADAPTER	2	AB
- 32	1202146-2	FITTING, OXYGEN COUPLING ADAPTER	1	AB
- 33	S1147861-12	NIPPLE, OXYGEN ORIFICE	5	AD
- 34	S1108339A	VALVE ASSY, OXYGEN DISCONNECT	5	AD
- 35	92AC	REGULATOR ASSY, MODIFIED (27372)	1	AD
- 36	55C3928-1	CYLINDER ASSY, (33525) (INCLUDES 23140 VALVE)	1	A
	30400	CYLINDER ASSY, (33525) (INCLUDES 23140 VALVE)	1	B
- 37	5114232	BRACKET ASSY, OXYGEN BOTTLE SUPPORT	1	A
	5202114	BRACKET ASSY, OXYGEN BOTTLE SUPPORT	1	B
- 38	4118025	STRAP ASSY, OXYGEN BOTTLE	1	A
	4202113	STRAP ASSY, OXYGEN BOTTLE	1	B
- 39	5952-1/4N	BOLT, (72795) (ALT PN 44333N (21192))	1	AB
	1118097	HINGE ASSY, OXYGEN BOTTLE RETAINING STRAP	1	AB
- 40	S121873-091-104	PIN, SAFETY	1	AD
- 41	1118097-2	HINGE, OXYGEN BOTTLE RETAINING STRAP (MAKE FROM S121874D)	1	AB
- 42	4118025-4	PAD, OXYGEN BOTTLE STRAP (MAKE FROM S1085061)	1	A
- 43	4118025-2	STRAP, OXYGEN BOTTLE	1	A
	4202113-2	STRAP, OXYGEN BOTTLE	1	B
		A 001 THRU 027 AND 146 THRU 148		
		B 028 THRU 031 AND 558		
		C ALL ABOVE AIRPLANES EXCEPT SC-47 SERIES		
		D ALL SC-47 SERIES AIRPLANES ABOVE		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

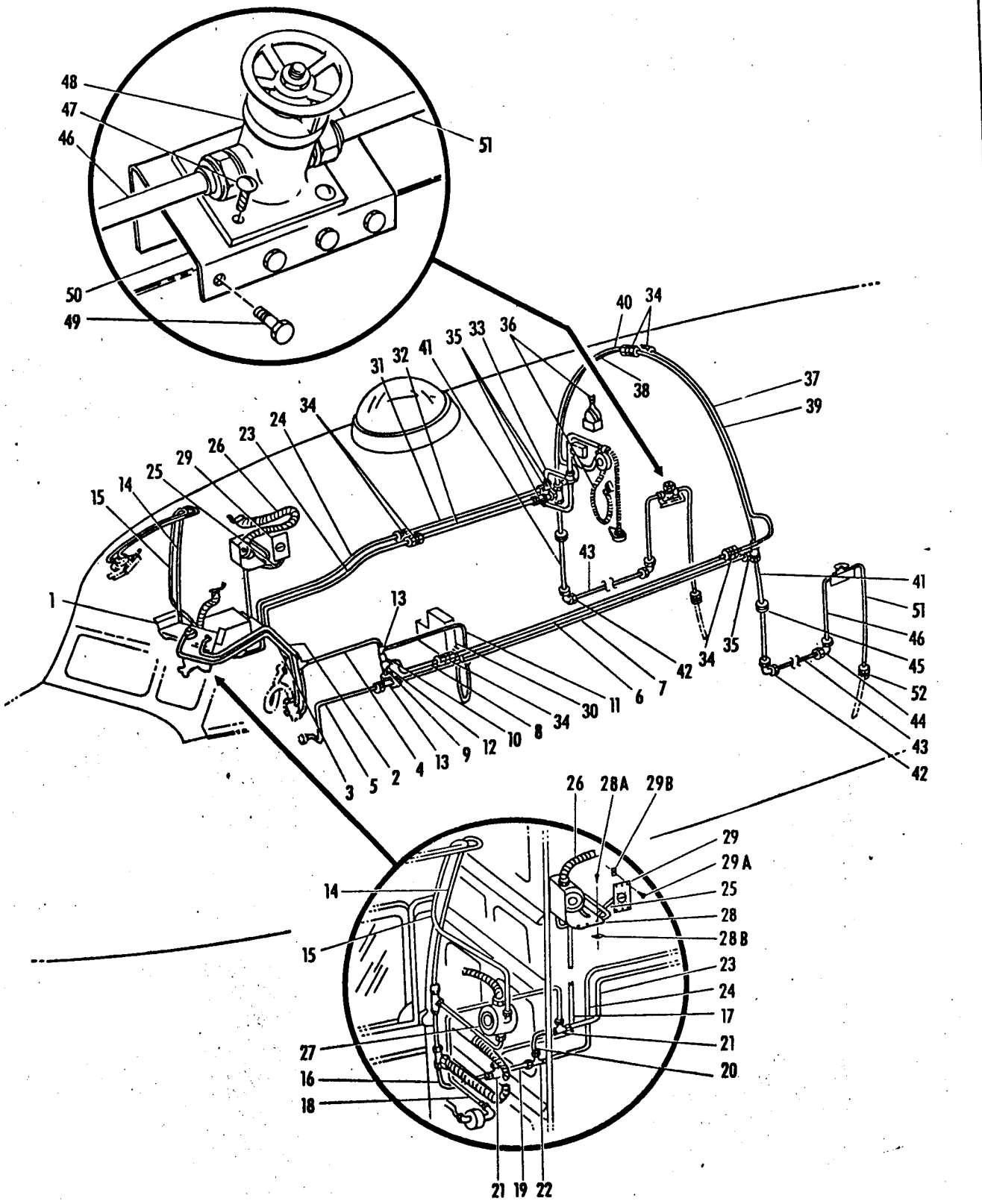

Figure 233. Low Pressure Oxygen System

V4-236

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
			REF	A
233	5142809	SYSTEM INSTL, LOW PRESSURE OXYGEN (SEE FIG. 16 FOR NHA)	1	A
- 1	5143349	INSTRUMENT INSTL, PILOT AND COPILOT OVERHEAD LOW PRESSURE OXYGEN (SEE FIG. 238 FOR DETAILS)	1	A
- 2	5143016-76	PIPE ASSY, PRESSURE GAGE TO TEE STA 86 LH	1	A
- 3	5143016-78	PIPE ASSY, FLOW INDICATOR TO REGULATOR STA 86 LH	1	A
- 4	5143016-72	PIPE ASSY, TEE TO TEE STA 86 TO 103 LH	1	A
- 5	5143016-68	PIPE ASSY, SIGNAL ASSY TO TEE STA 86 TO 103 LH	1	A
- 6	5143016-62	PIPE ASSY, UNION TO UNION STA 117 TO 177 LH	1	A
- 7	5143016-66	PIPE ASSY, UNION TO TEE STA 117 TO 177 LH	1	A
- 8	5143016-64	PIPE ASSY, CHECK VALVE TO UNION STA 103 TO 117 LH	1	A
- 9	5143016-60	PIPE ASSY, CHECK VALVE TO TEE STA 103 LH	1	A
- 10	5143016-14	PIPE ASSY, CHECK VALVE TO TEE STA 103 LH	1	A
- 11	5143016-102	PIPE ASSY, TEE TO TEE STA 103 TO 117 LH	1	A
- 12	43A9030	VALVE ASSY, STYLE D CHECK (GFAE)	2	A
- 13	AN824-5D	TEE	1	A
- 14	5143016-84	PIPE ASSY, PRESSURE GAGE TO TEE STA 86 RH	1	A
- 15	5143016-82	PIPE ASSY, FLOW INDICATOR TO REGULATOR STA 86 RH	1	A
- 16	5143016-130	PIPE ASSY, TEE TO TEE STA 86 TO 90 RH	1	A
- 17	5143016-124	PIPE ASSY, TEE TO REGULATOR STA 90 RH	1	A
- 18	5143016-70	PIPE ASSY, SIGNAL TO TEE STA 86 TO 101 RH	1	A
- 19	5143016-128	PIPE ASSY, TEE TO CHECK VALVE STA 90 TO 97 RH	1	A
- 20	5143016-120	PIPE ASSY, CHECK VALVE TO TEE STA 97 TO 101 RH	2	A
- 21	AN824-5D	TEE	1	A
- 22	43A9030	VALVE ASSY, STYLE D CHECK (GFAE)	1	A
- 23	5143016-116	PIPE ASSY, TEE TO UNION STA 97 TO 136 RH	1	A
- 24	5143016-122	PIPE ASSY, CHECK VALVE TO UNION STA 97 TO 136 RH	1	A
- 25	5143016-126	PIPE ASSY, REGULATOR TO FLOW INDICATOR STA 103	1	A
- 26	MS22055A12	HOSE ASSY, (ALT PN AN6003-1)	1	A
- 27	5143348	EQUIPMENT INSTL, PILOT AND COPILOT LOW PRESSURE OXYGEN (SEE FIG. 238 FOR DETAILS)	1	A
- 28	2204205	REGULATOR ASSY, FLIGHT MECHANIC (SEE FIG. 238 FOR DETAILS)	1	A
		(ATTACHING PARTS)	7	A
- 28A	MS24621-30	SCREW, (ALT PN AN530-8-8)	7	A
- 28B	NAS446-4-1	NUT, (ALT PN 1778-8Z (78553))	7	A
- 29	2203109	INDICATOR ASSY, A3 OXYGEN FLOW (GFAE) (SEE FIG. 238 FOR DETAILS)	1	A
		(ATTACHING PARTS)	6	A
- 29A	MS24621-43	SCREW, (ALT PN AN530-10-8)	6	A
- 29B	NAS446-5-1	NUT, (ALT PN 1779-10Z (78553))	6	A
- 30	5143346	EQUIPMENT INSTL, NAVIGATOR LOW PRESSURE OXYGEN (SEE FIG. 238 FOR DETAILS)	1	A
- 31	5143016-56	PIPE ASSY, UNION TO TEE STA 136 TO 177 RH	1	A
- 32	5143016-58	PIPE ASSY, UNION TO TEE STA 136 TO 177 RH	1	A
- 33	5143016-54	PIPE ASSY, TEE TO TEE STA 177 RH	1	A
- 34	AN815-5D	UNION	6	A
- 35	AN824-5D	TEE	4	A
- 36	5143345	EQUIPMENT INSTL, RADIO OPERATOR LOW PRESSURE OXYGEN (SEE FIG. 235 FOR DETAILS)	1	A
- 37	5143016-114	PIPE ASSY, UNION TO UNION STA 177 LH	1	A
- 38	5143016-50	PIPE ASSY, TEE TO UNION STA 177 LH	1	A
- 39	5143016-52	PIPE ASSY, TEE TO UNION STA 177 LH	1	A
- 40	5143016-96	PIPE ASSY, TEE TO PRESSURE GAGE STA 177 RH	1	A
- 41	5143016-48	PIPE ASSY, TEE TO ELBOW STA 177	2	A
- 42	AN833-5D	ELBOW	2	A
- 43	5143016-46	PIPE ASSY, ELBOW TO ELBOW STA 177 TO 294	2	A
- 44	MS20822-5	ELBOW, (ALT PN AN822-5)	2	A
- 45	MS35489-10	GROMMET, (ALT PN AN931-5-12)	2	A
- 46	5143016-44	PIPE ASSY, PIPE VALVE TO ELBOW STA 294	2	A
- 47	MS24621-44	SCREW, (ALT PN AN530-10-10)	8	A
- 48	40386	VALVE ASSY, PIPE (TYPE 1) (GFAE)	2	A
- 49	AN3-5A	BOLT	4	A
- 50	4143061	BRACKET ASSY, OXYGEN PIPE VALVE	2	A
- 51	5143016-42	PIPE ASSY, PIPE VALVE TO UNION STA 312	2	A
- 52	AN815-5D	UNION	2	A
		A 057 THRU 070 AND 178		

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

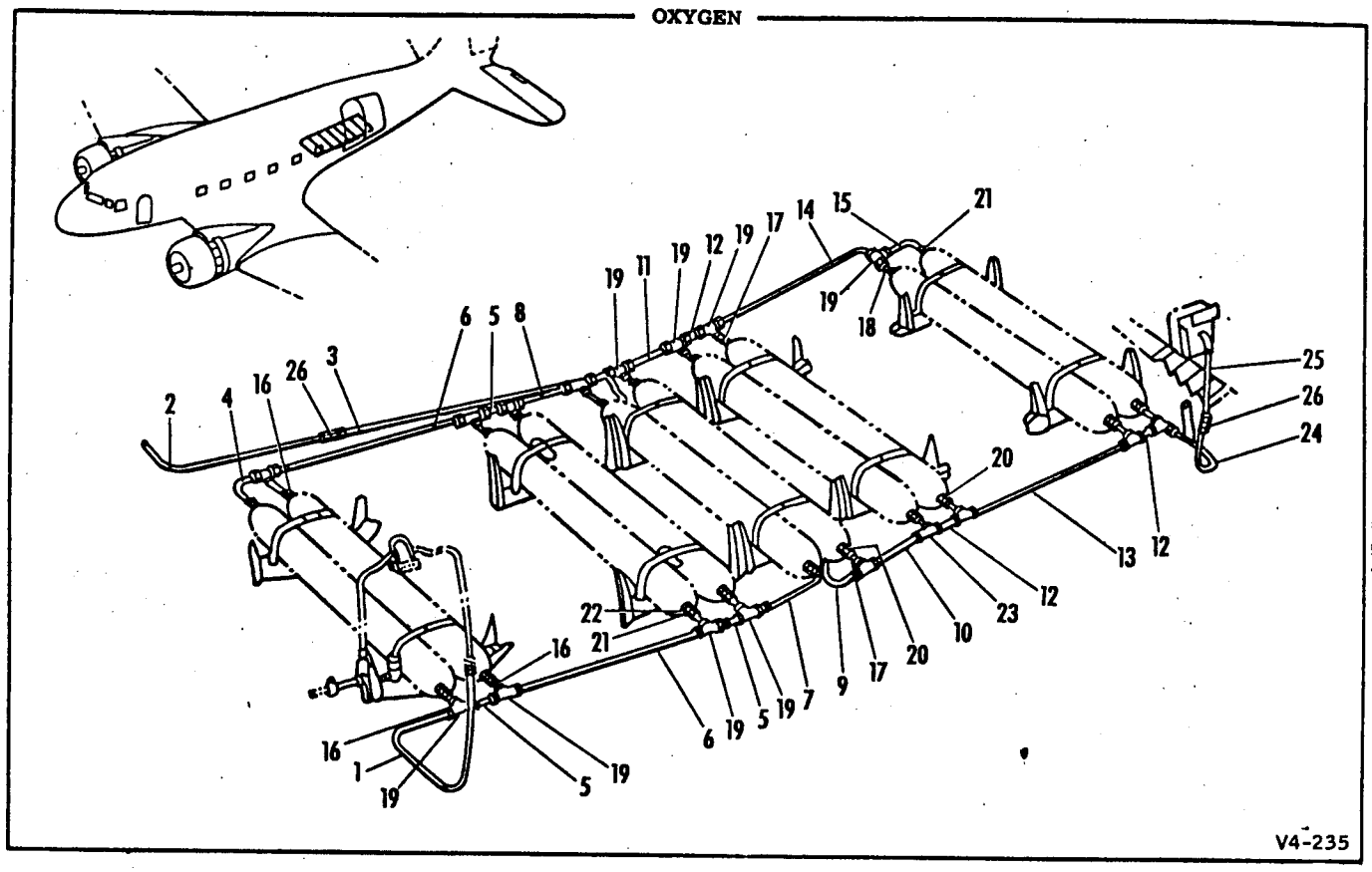

Figure 234. Low Pressure Oxygen System

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
234	5142809	SYSTEM INSTL, LOW PRESSURE OXYGEN (SEE FIG. 16 FOR NHA)	REF	A
- 1	5143016-38	PIPE ASSY, UNION TO CHECK VALVE STA 312 LH	1	A
- 2	5143016-40	PIPE ASSY, UNION TO UNION STA 312 TO 333 RH	1	A
- 3	5143016-110	PIPE ASSY, SUPPLY UNION TO CHECK VALVE STA 333 TO 390 RH	1	A
- 4	5143016-4	PIPE ASSY, FILLER BOTTLE TO TEE RH	1	A
- 5	5143016-24	PIPE ASSY, SUPPLY VALVE TO CHECK VALVE LH AND RH	3	A
- 6	5143016-26	PIPE ASSY, SUPPLY CHECK VALVE TO CHECK VALVE LH TEE TO TEE RH	2	A
- 7	5143016-20	PIPE ASSY, SUPPLY CHECK VALVE LH	1	A
- 8	5143016-22	PIPE ASSY, FILLER TEE TO TEE RH	1	A
- 9	5143016-18	PIPE ASSY, FILLER TEE RH TO TEE LH	1	A
- 10	5143016-12	PIPE ASSY, FILLER TEE TO TEE LH	1	A
- 11	5143016-36	PIPE ASSY, SUPPLY CHECK VALVE TO CHECK VALVE RH	1	A
- 12	5143016-10	PIPE ASSY, FILLER TEE TO TEE LH AND CHECK VALVE TO CHECK VALVE RH	3	A
- 13	5143016-30	PIPE ASSY, FILLER TEE TO TEE LH	1	A
- 14	5143016-6	PIPE ASSY, SUPPLY CHECK VALVE TO CHECK VALVE RH	1	A
- 15	5143016-8	PIPE ASSY, SUPPLY CHECK VALVE TO BUSHING RH	1	A
- 16	5143016-112	PIPE ASSY, SUPPLY CHECK VALVE TO BOTTLES LH AND TEE TO BOTTLE RH	3	A
- 17	5143016-16	PIPE ASSY, TEE AND CHECK VALVES TO BOTTLES	13	A
- 18	5143016-32	PIPE ASSY, CHECK VALVE TO BOTTLE RH	1	A
- 19	43A9030	VALVE ASSY, CHECK BOTTLES LH AND RH (GFAE)	8	A
- 20	42A9036	VALVE ASSY, CHECK	10	A
- 21	AN816-5	NIPPLE	10	A
- 22	AN912-1	REDUCER	10	A
- 23	AN824-5D	TEE	9	A
- 24	5143016-108	PIPE ASSY, TEE BOTTLE TO UNION STA 432 LH	1	A
- 25	5143016-2	PIPE ASSY, UNION TO FILLER STA 432 LH	1	A
- 26	AN815-5D	UNION	2	A
		A 057 THRU 070 AND 178		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

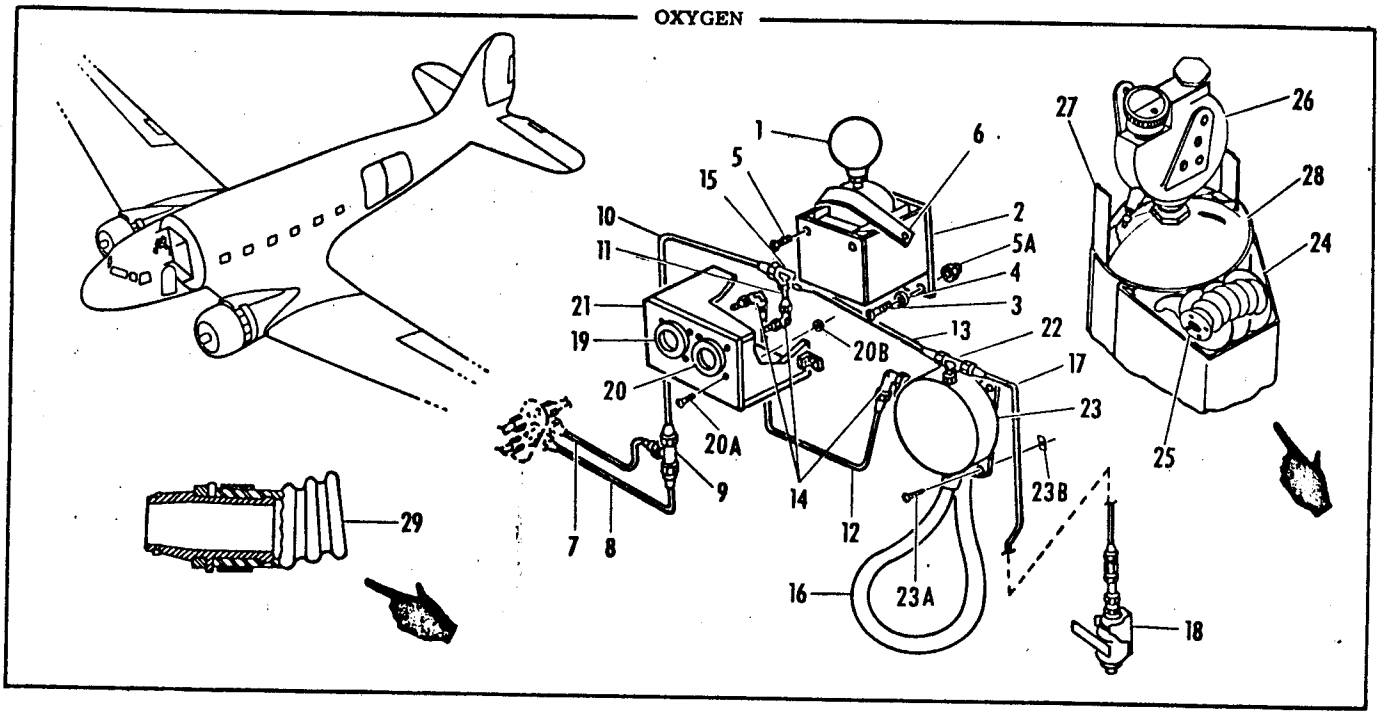

Figure 235. Radio Operator Low Pressure Oxygen Equipment

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
235	5143345	EQUIPMENT INSTL, RADIO OPERATOR LOW PRESSURE OXYGEN (SEE FIG. 233 FOR NHA)	REF	A
- 1	42D5357	CYLINDER AND REGULATOR ASSY, OXYGEN PORTABLE (GFAE)	1	A
- 2	4142789	BOX ASSY, RADIO COMPARTMENT PORTABLE OXYGEN BOTTLE STOWAGE	1	A
		(ATTACHING PARTS)		
- 3	AN520-10-18	SCREW	2	A
- 4	NAS43DD3-32	SPACER, (ALT PN S2033900-5D049-016)	2	A
- 5	MS35207-264	SCREW, (ALT PN AN520-10-10)	2	A
- 5A	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
		---*---		
- 6	2142705	STRAP ASSY, OXYGEN STOWAGE BOX	1	A
- 7	5143016-90	PIPE ASSY, TEE TO CHECK VALVE STA 175 TO 177 UPPER RH	1	A
- 8	5143016-88	PIPE ASSY, TEE TO CHECK VALVE STA 175 TO 177 LOWER RH	1	A
- 9	43A9030	VALVE ASSY, CHECK (GFAE)	1	A
- 10	5143016-92	PIPE ASSY, CHECK VALVE TO TEE STA 177 RH	1	A
- 11	5143016-98	PIPE ASSY, PRESSURE GAGE TO TEE STA 177 RH	1	A
- 12	5143016-100	PIPE ASSY, FLOW INDICATOR TO REGULATOR STA 177 RH	1	A
- 13	5143016-94	PIPE ASSY, TEE TO TEE 177 RH	12	A
- 14	MS20822-5D	ELBOW, (ALT PN AN822-5D)	1	A
- 15	AN824-5D	TEE	3	A
- 16	MS22055A12	HOSE ASSY, (ALT PN AN6003-1) (GFAE) (SEE T.O. 1C-1-601)	1	A
- 17	MS22032-1	RECHARGER ASSY, UNIT (GFAE)	1	A
- 18	1143051	CLIP, PORTABLE OXYGEN RECHARGER UNIT STOWAGE	1	A
- 19	AN6029-1	INDICATOR ASSY, TYPE A3 OXYGEN FLOW (GFAE)	1	A
- 20	NO NUMBER	GAGE ASSY, PRESSURE (TYPE K1) (SPEC 94-27368) (GFAE)	1	A
		(ATTACHING PARTS)		
- 20A	MS35206-243	SCREW, (ALT PN AN515-8-6)	8	A
- 20B	MS21044N08	NUT, (ALT PN AN365-832)	8	A
		---*---		
- 21	4143143	BOX ASSY, RADIO COMPARTMENT OXYGEN INSTRUMENT		A
		(ATTACHING PARTS)		
	MS35207-268	SCREW, (ALT PN AN520-10-20)	4	A
	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
		---*---		
- 22	MS20825-5D	TEE, (ALT PN AN825-5D)	1	A
- 23	NO NUMBER	REGULATOR ASSY, (TYPE A12) (GFAE)	1	A
		(ATTACHING PARTS)		
- 23A	MS24621-42	SCREW, (ALT PN AN530-10-6)	3	A
- 23B	NAS446-5-1	NUT, (ALT PN 1779M1 (78553))	3	A
	53D3970	---*---		
		MASK, CYLINDER-REGULATOR, OXYGEN, AIRCRAFT FIRE FIGHTERS, PORTABLE TYPE MB-1	1	A
- 24	53D3972	CONTAINER	1	A
- 25	53C3971	MASK ASSEMBLY	1	A
- 26	9200	REGULATOR ASSEMBLY (53B3991)	1	A
- 27	52D21102-1	HARNESS-CARRYING	1	A
- 28	9000	CYLINDER, OXYGEN (TYPE A-6)	1	A
- 29	55B3509	CONNECTOR, MASK TO REGULATOR TUBE	1	A
	10145	GUIDE	1	A
		A 057 THRU 070 AND 178		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

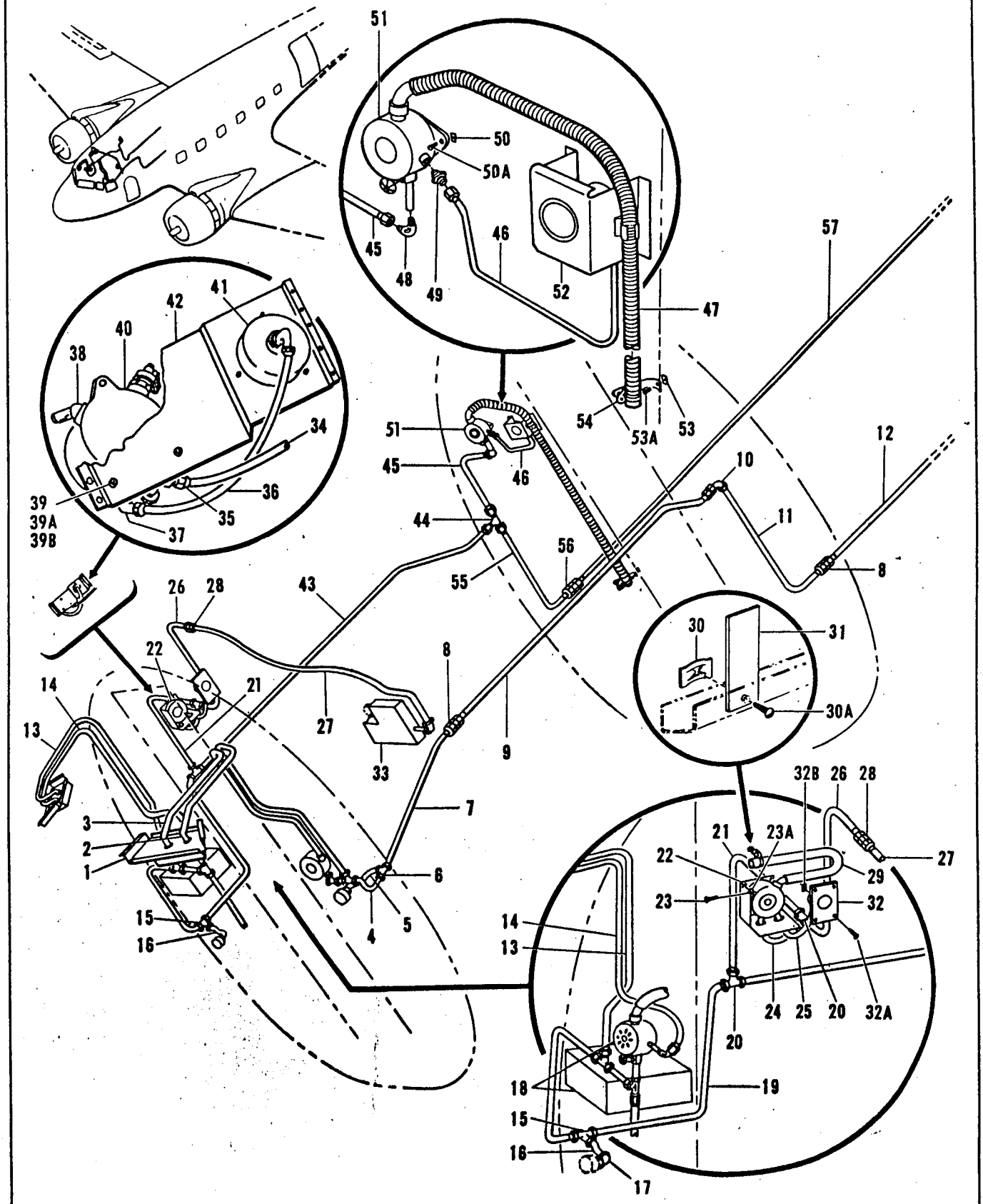

Figure 236. Low Pressure Oxygen System

V4-234

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
236	5203022	SYSTEM INSTL, LOW PRESSURE OXYGEN (SEE FIG. 16 FOR NHA)	REF	A
- 1	5143349	INSTRUMENT INSTL, PILOT AND COPILOT OVERHEAD LOW PRESSURE OXYGEN (SEE FIG. 238 FOR DETAILS)	1	A
- 2	5203021-88	PIPE ASSY, PRESSURE GAGE TO TEE STA 86 LH	1	A
- 3	5203021-90	PIPE ASSY, FLOW INDICATOR TO REGULATOR STA 86 LH	1	A
- 4	5203021-84	PIPE ASSY, TEE TO TEE STA 86 TO 90 LH	1	A
- 5	5203021-82	PIPE ASSY, TEE TO SIGNAL ASSY STA 86 TO 90 LH	1	A
- 6	AN824-5D	TEE	2	A
- 7	5203021-68	PIPE ASSY, TEE TO UNION STA 86 TO 117 LH	1	A
- 8	AN815-5D	UNION	2	A
- 9	5203021-54	PIPE ASSY, UNION TO ELBOW STA 117 TO 177 LH	1	A
- 10	AN833-5D	ELBOW	1	A
- 11	5203021-104	PIPE ASSY, ELBOW TO UNION STA 177 LH	1	A
- 12	5203021-48	PIPE ASSY, UNION TO UNION STA 177 TO 312 LH	1	A
- 13	5203021-92	PIPE ASSY, PRESSURE GAGE TO TEE STA 86 LH	1	A
- 14	5203021-94	PIPE ASSY, FLOW INDICATOR TO REGULATOR STA 86 LH	1	A
- 15	AN824-5D	TEE	1	A
- 16	5203021-76	PIPE ASSY, TEE TO SIGNAL ASSY STA 86 RH	1	A
- 17	MS20822-5D	ELBOW, (ALT PN AN822-5D)	1	A
- 18	5203457	EQUIPMENT INSTL, PILOT AND COPILOT LOW PRESSURE OXYGEN (SEE FIG. 238 FOR DETAILS)	1	A
- 19	5203021-70	PIPE ASSY, TEE TO TEE STA 86 TO 103 RH	1	A
- 20	AN824-5D	TEE	2	AB
- 21	5203021-64	PIPE ASSY, TEE TO TEE STA 103 RH	1	B
- 22	2204205	REGULATOR ASSY, FLIGHT MECHANIC (SEE FIG. 238 FOR DETAILS) (ATTACHING PARTS)	1	B
- 23	MS24621-30	SCREW, (ALT PN AN530-8-8)	7	B
- 23A	NAS446-4-1	NUT, (ALT PN 1778-8Z (78553))	7	B
- 24	5203021-72	PIPE ASSY, TEE TO REGULATOR STA 103 RH	1	B
- 25	5203021-74	PIPE ASSY, REGULATOR TO FLOW INDICATOR STA 103 RH	1	B
- 26	5203021-58	PIPE ASSY, TEE TO UNION STA 103 RH	1	B
- 27	5203021-66	PIPE ASSY, UNION TO TEE STA 103 TO 117 LH	1	B
- 28	AN815-5D	UNION	1	B
- 29	MS22055A12	HOSE ASSY, (ALT PN AN6003-1) (GFAE)	1	B
- 30	NAS446-4-1	NUT, (ALT PN 1778-8Z (78553))	1	B
- 30A	MS24621-30	SCREW, (ALT PN AN530-8-8)	1	B
- 31	1204922	STRAP, LOW PRESSURE OXYGEN HOSE SUPPORT	1	B
- 32	2203109	INDICATOR ASSY, TYPE A3 OXYGEN FLOW (SEE FIG. 238 FOR DETAILS) (ATTACHING PARTS)	1	B
- 32A	MS24621-43	SCREW, (ALT PN AN530-10-8)	6	B
- 32B	NAS446-5-1	NUT, (ALT PN 1779-10Z (78553))	6	B
- 33	5203458	EQUIPMENT INSTL, NAVIGATOR LOW PRESSURE OXYGEN (SEE FIG. 238 FOR DETAILS)	1	B
- 34	400503-3	TUBE ASSY, TEE TO NIPPLE (SEE T.O. 1C-47(S)-506)	1	C
- 35	AN816-5D	NIPPLE, (SEE T.O. 1C-47(S)-506)	1	C
- 36	400503-2	TUBE ASSY, ELBOW TO ELBOW (SEE T.O. 1C-47(S)-506)	1	C
- 37	MS20822-5D	ELBOW, (ALT PN AN822-5D) (SEE T.O. 1C-47(S)-506)	2	C
- 38	MS22055A24	HOSE ASSY, (ALT PN AN6003-24A) (SEE T.O. 1C-47(S)-506)	1	C
- 39	MS21044N3	NUT, (ALT PN AN365-1032) (SEE T.O. 1C-47(S)-506)	3	C
- 39A	AN960D10L	WASHER, (SEE T.O. 1C-47(S)-506)	3	C
- 39B	MS35207-264	SCREW, (ALT PN AN520-10R10) (SEE T.O. 1C-47(S)-506)	3	C
- 40	AN6004-1	REGULATOR ASSY, (SEE T.O. 1C-47(S)-506 AND T.O. 1C-1-55)	1	C
- 41	AN6029-1A	INDICATOR ASSY, (SEE T.O. 1C-47(S)-506)	1	C
- 42	400502-1	SUPPORT, (SEE T.O. 1C-47(S)-506)	1	C
- 43	5203021-56	PIPE ASSY, TEE TO TEE STA 103 TO 177 RH	1	A
- 44	AN824-5D	TEE	1	A
- 45	5203021-102	PIPE ASSY, TEE TO REGULATOR	1	A
- 46	5203021-62	PIPE ASSY, REGULATOR TO FLOW INDICATOR	1	A
- 47	MS22055A12	PIPE, (ALT PN AN6003-1 (GFAE) (SEE T.O. 1C-1-601)	1	A
- 48	MS20822-5D	ELBOW, (ALT PN AN822-5D)	1	A
- 49	AN816-5D	NIPPLE	1	A
- 50	NAS446-5-1	NUT, (ALT PN 1779-10Z (78553))	3	A
- 50A	MS24621-43	SCREW, (ALT PN AN530-10-8)	3	A
- 51	40370	REGULATOR ASSY, TYPE A12 (GFAE) (SEE T.O. 1C-1-55)	1	A
- 52	2203092	INDICATOR ASSY, LOW PRESSURE OXYGEN FLOW (SEE FIG. 238 FOR DETAILS)	1	A
- 53	NAS446-4-1	NUT, (ALT PN 1778-8Z (78553))	1	A
- 53A	MS24621-30	SCREW, (ALT PN AN530-8-8)	1	A
- 54	1204922	STRAP, LOW PRESSURE OXYGEN HOSE SUPPORT	1	A
- 55	5203021-106	PIPE ASSY, TEE TO UNION STA 177 RH	1	A
- 56	AN815-5D	UNION	1	A
- 57	5203021-46	PIPE ASSY, ELBOW TO UNION STA 177 TO 351 RH	1	A

A 032 THRU 056, 071 THRU 145, 149 THRU 171, 179 THRU 209 AND 555 THRU 557
B ALL ABOVE AIRPLANES EXCEPT SC-47 SERIES
C ALL SC-47 SERIES AIRPLANES ABOVE

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

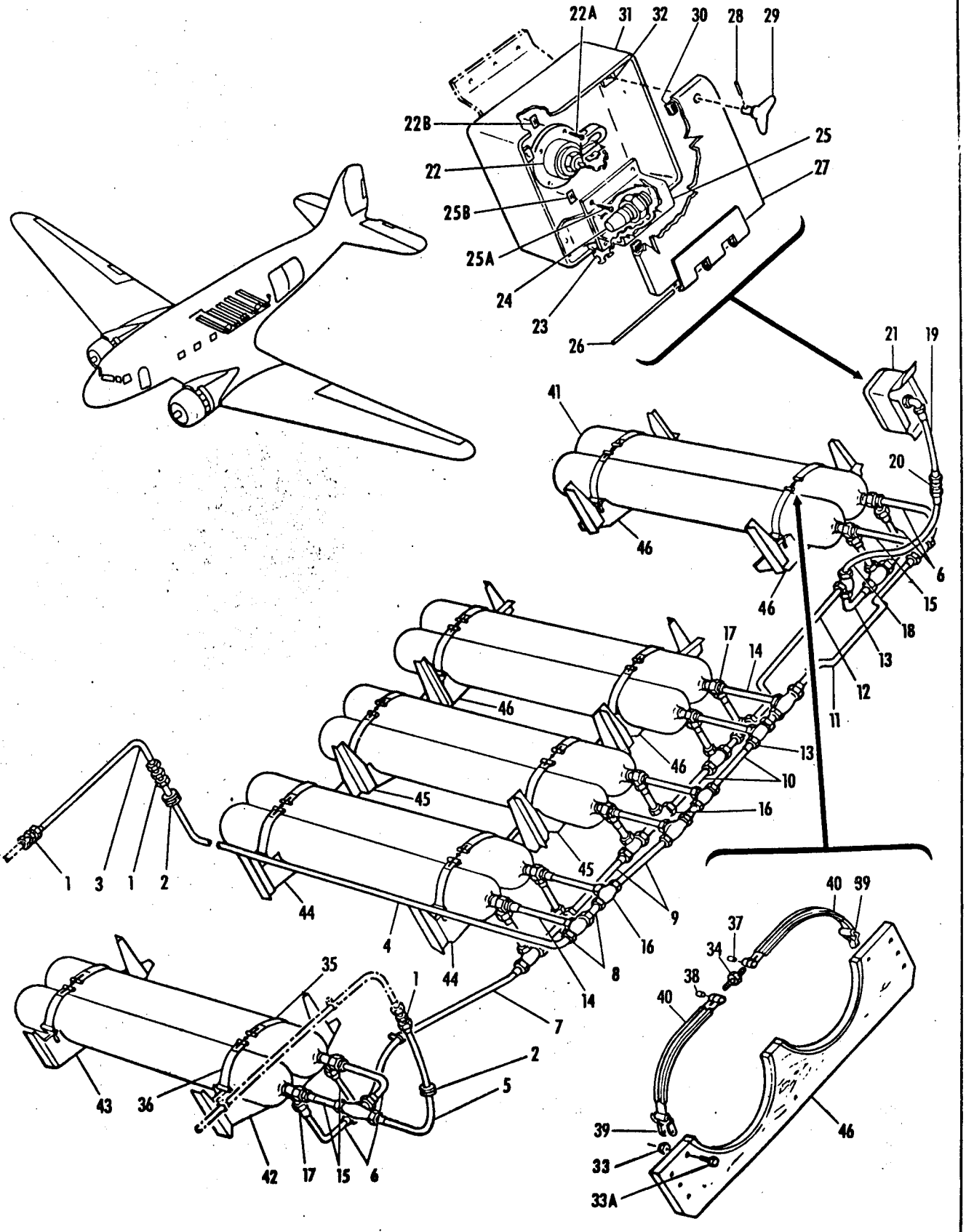

Figure 237. Low Pressure Oxygen System

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FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
237	5203022	SYSTEM INSTL, LOW PRESSURE OXYGEN (SEE FIG. 16 FOR NHA)	REF	A
	5142809	SYSTEM INSTL, LOW PRESSURE OXYGEN (SEE FIG. 16 FOR NHA)	REF	B
- 1	AN815-5D	UNION	3	A
- 2	MS35489-10	GROMMET, (ALT PN AN931-5-12)	2	A
- 3	5203021-42	PIPE ASSY, SUPPLY UNION TO UNION STA 333 TO 351 RH	1	A
- 4	5203021-40	PIPE ASSY, SUPPLY UNION RH TO TEE LH	1	A
- 5	5203021-44	PIPE ASSY, SUPPLY UNION TO TEE LH	1	A
- 6	5203021-8	PIPE ASSY, FILLER TEE TO CHECK VALVE	4	A
- 7	5203021-24	PIPE ASSY, FILLER TEE TO TEE	1	A
- 8	5203021-14	PIPE ASSY, FILLER AND SUPPLY TEE TO TEE	6	A
- 9	5203021-38	PIPE ASSY, SUPPLY AND FILLER TEE TO TEE	2	A
- 10	5203021-16	PIPE ASSY, SUPPLY AND FILLER TEE TO TEE	2	A
- 11	5203021-32	PIPE ASSY, SUPPLY TEE TO TEE	1	A
- 12	5203021-10	PIPE ASSY, FILLER TEE TO TEE	1	A
- 13	5203021-6	PIPE ASSY, FILLER TEE TO TEE	1	A
- 14	5203021-30	PIPE ASSY, SUPPLY TEES TO CHECK VALVES	6	A
- 15	5203021-18	PIPE ASSY, FILLER TEES TO CHECK VALVES	10	A
- 16	AN824-5D	TEE	17	A
- 17	43A9026	VALVE ASSY, CHECK (STYLE B) (GFAE)	10	A
- 18	5203021-4	PIPE ASSY, FILLER TEE TO UNION STA 433	1	A
- 19	5203021-2	PIPE ASSY, UNION TO FILLER VALVE STA 433	1	A
- 20	AN815-5D	UNION	1	A
- 21	4202415	BOX ASSY, FILLER VALVE STOWAGE	1	AB
- 22	40326	VALVE ASSY, FILLER (GFAE)	1	AB
		(ATTACHING PARTS)		
- 22A	MS24621-43	SCREW, (ALT PN AN530-10-8)	4	AB
- 22B	NAS446-5-1	NUT, (ALT PN 1779M1 (78553))	4	AB
- 23	1143073	CHAIN ASSY, ARMY TO BRITISH OXYGEN ADAPTER	1	AB
- 24	42A6950	ADAPTER, ARMY TO BRITISH (GFAE) (SEE T.O. 1C-47-203)	1	AB
- 25	2143004	BAG ASSY, ARMY TO BRITISH ADAPTER STOWAGE	1	AB
		(ATTACHING PARTS)		
- 25A	MS24621-31	SCREW, (ALT PN AN530-8-10)	2	AB
- 25B	NAS446-4-1	NUT, (ALT PN 1778M1 (78553))	2	AB
	4202484	BOX ASSY, OXYGEN FILLER VALVE STOWAGE	1	AB
- 26	4202484-14	PIN, OXYGEN FILLER VALVE STOWAGE BOX HINGE	1	AB
		(MAKE FROM S121873-091-300)		
- 27	4202484-8	COVER ASSY, OXYGEN FILLER VALVE STOWAGE BOX	1	AB
- 28	99785-2	PIN, (61864)	2	AB
- 29	WL99899-1-090	STUD, (61864)	2	AB
- 30	4202484-12	SEAL, OXYGEN FILLER VALVE STOWAGE BOX COVER	1	AB
- 31	4202484-6	BOX ASSY, OXYGEN FILLER VALVE STOWAGE	1	AB
- 32	99808	RECEPTACLE, (61864)	2	AB
	5143344	CYLINDER INSTL, F2 LOW PRESSURE OXYGEN	1	AB
- 33	MS21044N3	NUT, (ALT PN AN365-1032)	20	AB
- 33A	AN3-5A	BOLT	20	AB
- 34	1139790	TURNBUCKLE, OXYGEN CYLINDER STRAP	10	AB
- 35	2142863-6	STRAP ASSY, OXYGEN BOTTLE TIEDOWN	10	AB
- 36	2142863-8	STRAP ASSY, OXYGEN BOTTLE TIEDOWN	10	AB
- 37	1139791	TRUNNION, OXYGEN CYLINDER STRAP (USED ON 2142863-6)	1	AB
- 38	1143490	TRUNNION, OXYGEN CYLINDER STRAP RH (USED ON 2142863-8)	1	AB
- 39	1142864	SHACKLE, OXYGEN BOTTLE TIEDOWN STRAP	1	AB
- 40	2142863-2	STRAP, OXYGEN BOTTLE TIEDOWN	1	AB
- 41	NO NUMBER	CYLINDER ASSY, (TYPE F2) (SPEC 94-40356) (GFAE)	10	AB
- 42	4142852	CRADLE ASSY, OXYGEN BOTTLE SUPPORT STA 312 TO 333 LH	1	AB
- 43	4142852-1	CRADLE ASSY, OXYGEN BOTTLE SUPPORT STA 312 TO 333 RH	1	AB
- 44	4142827	CRADLE ASSY, OXYGEN BOTTLE SUPPORT STA 351 TO 372	2	AB
- 45	4142831	CRADLE ASSY, OXYGEN BOTTLE SUPPORT STA 372 TO 390	2	AB
- 46	4142832	CRADLE ASSY, OXYGEN BOTTLE SUPPORT STA 390 TO 450	4	AB
		A 032 THRU 056, 071 THRU 145, 149 THRU 171, 179 THRU 209 AND 555 THRU 557		
		B 057 THRU 070 AND 178		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

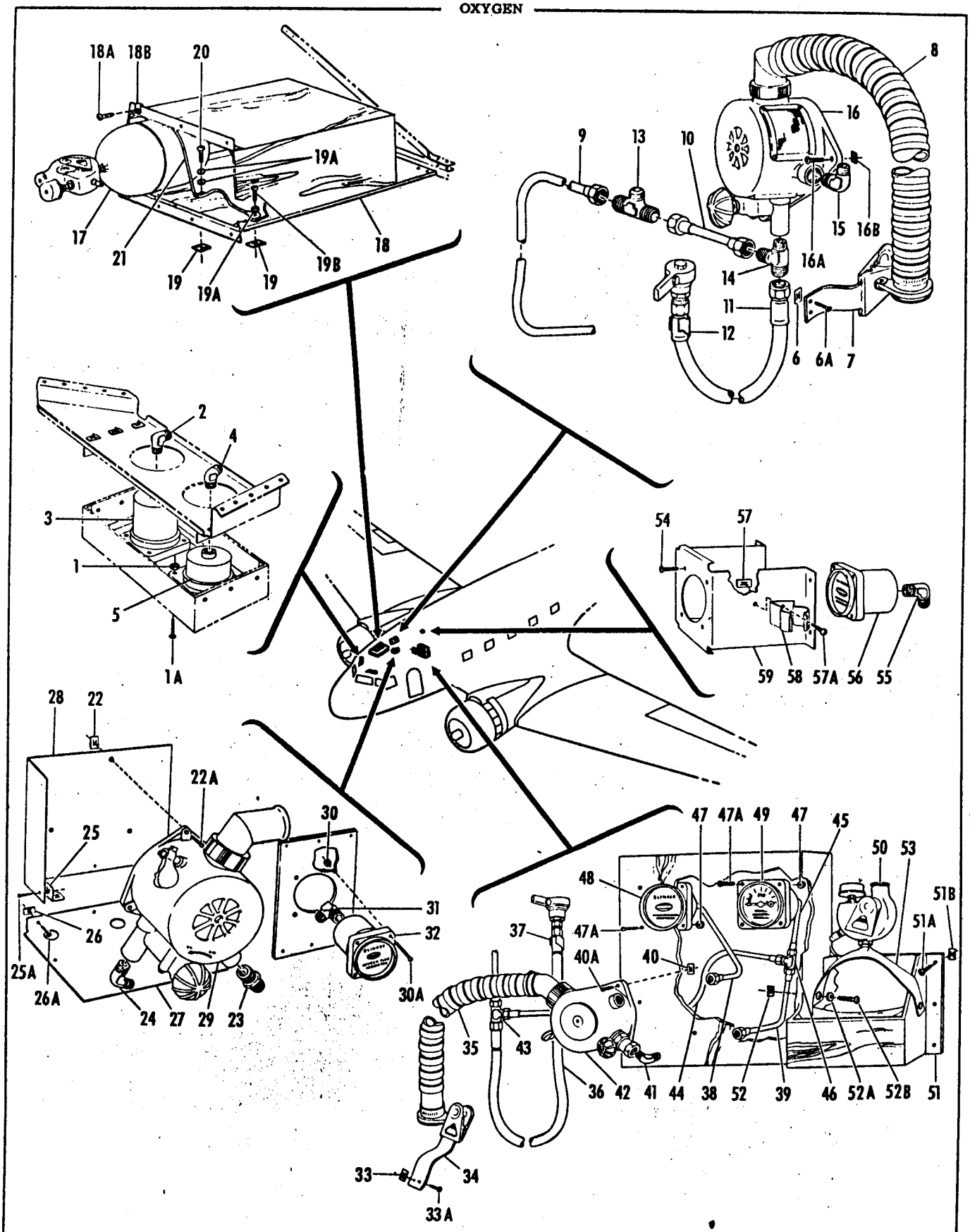

Figure 238. Low Pressure Oxygen System

V4-239

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
238	5203022	SYSTEM INSTL, LOW PRESSURE OXYGEN (SEE FIG. 16 FOR NHA)	REF	A
	5142809	SYSTEM INSTL, LOW PRESSURE OXYGEN (SEE FIG. 16 FOR NHA)	REF	B
	5143349	INSTRUMENT INSTL, PILOT AND COPILOT OVERHEAD LOW PRESSURE OXYGEN	1	AB
- 1	MS21044N08	NUT, (ALT PN AN365-832)	16	AB
- 1A	MS35206-243	SCREW, (ALT PN AN515-8-6)	16	AB
- 2	MS20822-5D	ELBOW, (ALT PN AN822-5D)	2	AB
- 3	AN6029-1	INDICATOR ASSY, FLOW (TYPE A3) (GFAE)	2	AB
- 4	MS20823-5D	ELBOW, (ALT PN AN823-5D)	2	AB
- 5	NO NUMBER	GAGE ASSY, PRESSURE (TYPE K-1) (SPEC 94-27368) (GFAE)	2	AB
	5203457	EQUIPMENT INSTL, PILOT AND COPILOT LOW PRESSURE OXYGEN	1	A
	5143348	EQUIPMENT INSTL, PILOT AND COPILOT LOW PRESSURE OXYGEN	1	B
- 6	NAS446-4-1	NUT, (ALT PN 1778-8Z (78553))	2	A
- 6A	MS24621-30	SCREW, (ALT PN AN530-8-8)	2	A
- 7	1204922	STRAP, LOW PRESSURE OXYGEN HOSE SUPPORT	1	A
- 8	MS22055A12	HOSE ASSY, (ALT PN AN6003-1) (GFAE))	2	AB
- 9	5203021-78	PIPE ASSY, TEE TO TEE STA 86 RH	1	A
	5143016-118	PIPE ASSY, TEE TO TEE STA 86 RH	1	B
- 10	5203021-18	PIPE ASSY, REGULATOR TO TEE STA 86	2	A
	5143016-28	PIPE ASSY, REGULATOR TO TEE STA 86 LH	1	B
	5143016-80	PIPE ASSY, REGULATOR TO TEE STA 86 RH	1	B
- 11	MS22032-1	RECHARGER, (ALT PN 42D7261)	2	A
	MS22032-1	RECHARGER, (ALT PN 42D7261)	1	B
- 12	1143051	CLIP, PORTABLE OXYGEN RECHARGER UNIT STOWAGE	2	A
	1143051	CLIP, PORTABLE OXYGEN RECHARGER UNIT STOWAGE	1	B
- 13	AN824-5D	TEE	1	A
	AN824-5D	TEE	3	B
	MS20826-5D	TEE, RH (ALT PN AN826-5D)	1	A
- 14	MS20825-5D	TEE, (ALT PN AN825-5D)	1	A
- 15	MS20822-5D	ELBOW, (ALT PN AN822-5D)	3	A
	MS20822-5D	ELBOW, (ALT PN AN822-5D)	5	B
	AN816-5D	NIPPLE	1	B
- 16	NO NUMBER	REGULATOR ASSY, (TYPE A12) (GFAE) (SEE T.O. 1C-1-55) (ATTACHING PARTS)	2	AB
- 16A	MS24621-42	SCREW, (ALT PN AN530-10-6)	6	A
- 16B	NAS446-5-1	NUT, (ALT PN 1779M1 (78553))	6	A
- 17	42D5357	CYLINDER AND REGULATOR ASSY, OXYGEN PORTABLE (GFAE)	2	AB
- 18	4142792	BOX ASSY, PORTABLE BOTTLE STOWAGE STA 86 (ATTACHING PARTS)	1	AB
- 18A	MS24621-17	SCREW, (ALT PN AN530-6-6)	7	AB
- 18B	NAS395-20-1	NUT, (ALT PN 1181M1 (78553))	7	AB
- 19	NAS446-4-1	NUT, (ALT PN J778M1 (78553))	3	AB
- 19A	AN960-8	WASHER	4	AB
- 19B	MS24621-32	SCREW, (ALT PN AN530-8-12)	2	AB
- 20	MS24621-31	SCREW, (ALT PN AN530-8-10)	1	AB
- 21	2202793	CORD ASSY, PORTABLE OXYGEN BOTTLE	1	AB
	2204205	REGULATOR ASSY, FLIGHT MECHANIC	1	BC
- 22	NAS446-5-1	NUT, (ALT PN 1779-10Z (78553))	3	BC
- 22A	MS24621-43	SCREW, (ALT PN AN530-10-8)	3	BC
- 23	AN816-5D	NIPPLE	1	BC
- 24	MS20822-5D	ELBOW, (ALT PN AN822-5D)	1	BC
- 25	6083-8Z	NUT, (78553)	1	BC
- 25A	MS24621-29	SCREW, (ALT PN AN530-8-6)	2	BC
- 26	NAS446-4-1	NUT, (ALT PN 1778-8Z (78553))	3	BC
- 26A	MS24621-30	SCREW, (ALT PN AN530-8-8)	3	BC
- 27	2204244	BRACKET, FLIGHT MECHANIC REGULATOR	1	BC
- 28	2204243	PANEL, FLIGHT MECHANIC REGULATOR	1	BC
- 29	NO NUMBER	REGULATOR ASSY, FLIGHT MECHANIC (TYPE A12) (GFAE) (SEE T.O. 1C-1-55)	1	BC
	2203109	INDICATOR ASSY, TYPE A3 OXYGEN FLOW	1	BC
- 30	MS21044N08	NUT, (ALT PN AN365-832)	4	BC
- 30A	MS35206-248	SCREW, (ALT PN AN515-8-14)	4	BC
- 31	MS20822-5D	ELBOW, (ALT PN AN822-5D)	1	BC
- 32	AN6029-1	INDICATOR ASSY, FLOW (TYPE A3) (GFAE)	1	BC
	5203458	EQUIPMENT INSTL, NAVIGATOR LOW PRESSURE OXYGEN	1	B
	5143346	EQUIPMENT INSTL, NAVIGATOR LOW PRESSURE OXYGEN	1	C
- 33	NAS446-4-1	NUT, (ALT PN 1778-8Z (78553))	1	B
- 33A	MS24621-30	SCREW, (ALT PN AN530-8-8)	1	B
- 34	1204922	STRAP, LOW PRESSURE OXYGEN HOSE SUPPORT	1	B
- 35	MS22055A12	HOSE ASSY, (ALT PN AN6003-1) (GFAE)	1	BC
- 36	MS22032-1	RECHARGER, (ALT PN 42D7261)	1	BC
- 37	1143051	CLIP, PORTABLE OXYGEN RECHARGER UNIT STORAGE	1	BC
- 38	5203021-98	PIPE ASSY, FLOW INDICATOR TO REGULATOR STA 117 LH	1	B
	5143016-104	PIPE ASSY, FLOW INDICATOR TO REGULATOR STA 117 LH	1	C
- 39	5203021-100	PIPE ASSY, TEE TO REGULATOR STA 117 LH	1	B
	5143016-106	PIPE ASSY, TEE TO REGULATOR STA 117 LH	1	C
- 40	NAS446-5-1	NUT, (ALT PN 1779M1 (78553))	3	BC
- 40A	MS24621-43	SCREW, (ALT PN AN530-10-8)	3	BC
- 41	MS20822-5D	ELBOW, (ALT PN AN822-5D)	4	B
	MS20822-5D	ELBOW, (ALT PN AN822-5D)	2	C
- 42	AN6004-1	REGULATOR ASSY, (GFAE) (SEE T.O. 1C-1-55)	1	BC
- 43	AN824-5D	TEE	1	BC
- 44	5203021-34	PIPE ASSY, TEE TO TEE STA 117 LH	1	B
	5143016-34	PIPE ASSY, TEE TO TEE STA 117 LH	1	C

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
238	CONTINUED			
- 45	5203021-86	PIPE ASSY, PRESSURE GAGE TO TEE STA 117 LH	1	B
	5143016-86	PIPE ASSY, PRESSURE GAGE TO TEE STA 117 LH	1	C
- 46	AN824-5D	TEE	1	BC
- 47	MS21044N08	NUT, (ALT PN AN365-832)	8	C
- 47A	MS35206-230	SCREW, (ALT PN AN515-6-8)	8	B
	MS35206-243	SCREW, (ALT PN AN515-8-6)	8	C
- 48	AN6029-1	INDICATOR ASSY, FLOW (TYPE A3) (GFAE)	1	BC
- 49	NO NUMBER	GAGE ASSY, PRESSURE (TYPE K-1) (SPEC 94-27368) (GFAE)	1	BC
- 50	42D5357	CYLINDER AND REGULATOR ASSY, OXYGEN PORTABLE (GFAE)	1	BC
- 51	5142793	BOX ASSY, NAVIGATOR COMPARTMENT OXYGEN INSTRUMENT AND PORTABLE BOTTLE	1	BC
		(ATTACHING PARTS)		
- 51A	MS24621-44	SCREW, (ALT PN AN530-10-10)	9	B
	MS24621-43	SCREW, (ALT PN AN530-10-8)	9	C
- 51B	NAS446-5-1	NUT, (ALT PN 1779M1 (78553))	9	BC
- 52	NAS446-4-1	NUT, (ALT PN 1778M1 (78553))	1	BC
- 52A	AN960D8	WASHER, (ALT PN 94088)	1	BC
- 52B	MS24621-30	SCREW, (ALT PN AN530-8-8)	1	BC
- 53	2142705	STRAP ASSY, CHART TUBE BRACKET	1	BC
	2203092	INDICATOR ASSY, LOW PRESSURE OXYGEN FLOW	1	BC
- 54	MS35206-230	SCREW, (ALT PN AN515-6-8)	1	B
- 55	MS20822-5D	ELBOW, (ALT PN AN822-5D)	4	B
- 56	AN6029-1	INDICATOR ASSY, FLOW (TYPE A3) (GFAE)	1	B
- 57	NAS446-4-1	NUT, (ALT PN 1778-8Z (78553))	1	B
- 57A	MS24621-29	SCREW, (ALT PN AN530-8-6)	2	B
- 58	1139366	CLIP, PARACHUTE PACK RELEASE SWITCH	2	B
- 59	2203092-2	BRACKET, LOW PRESSURE OXYGEN FLOW INDICATOR	1	B
		A 032 THRU 056, 071 THRU 145, 149 THRU 171, 179 THRU 209 AND 555 THRU 557	1	B
		B ALL ABOVE AIRPLANES EXCEPT SC-47 SERIES		
		C 057 THRU 070 AND 178		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

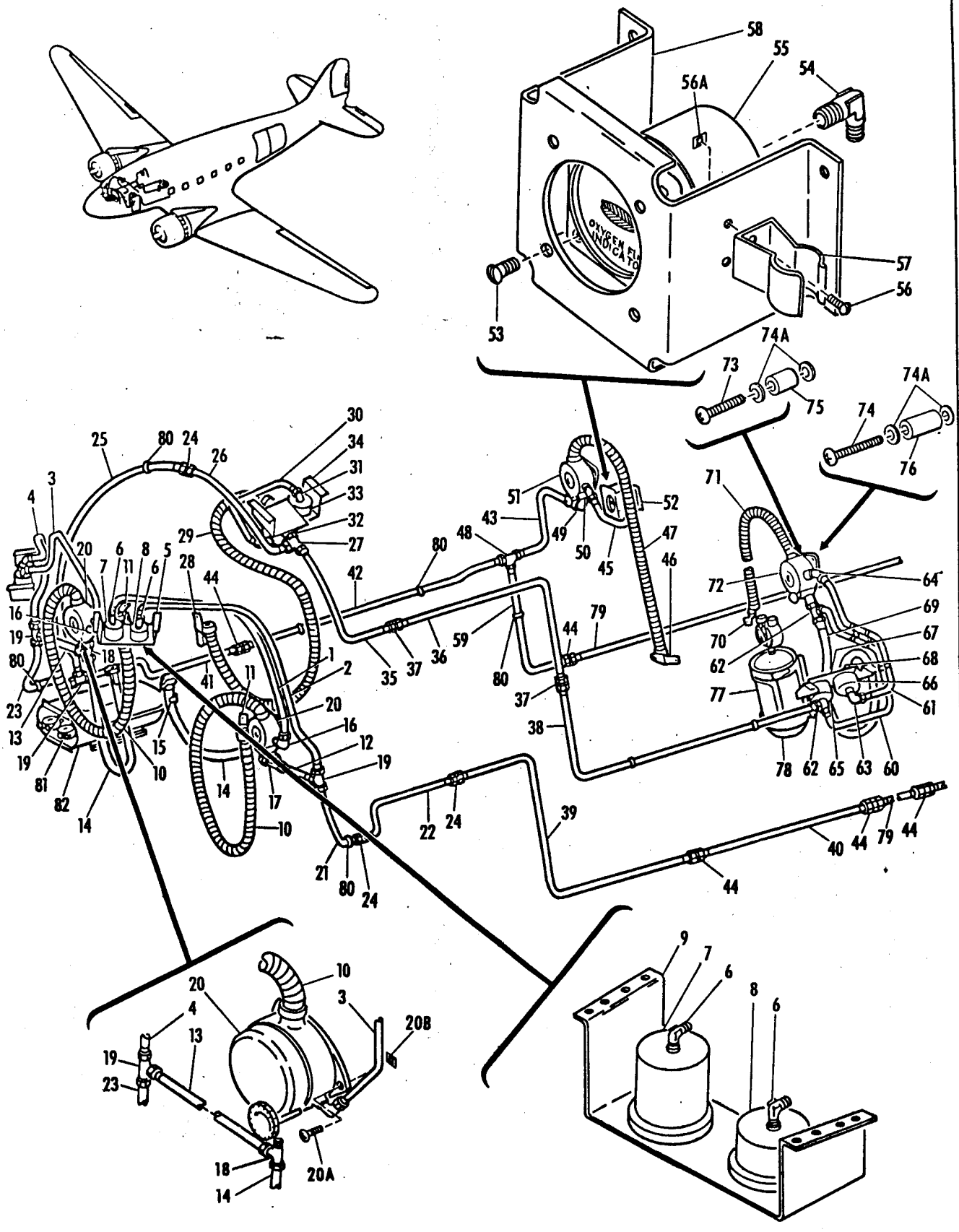

Figure 239. Low Pressure Oxygen System

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FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
239	5209881	SYSTEM INSTL, LOW PRESSURE OXYGEN (SEE FIG. 16 FOR NHA)	REF	A
- 1	5202132-2	PIPE ASSY, FLOW INDICATOR TO REGULATOR STA 75 TO 86 LH	1	A
- 2	5202132-4	PIPE ASSY, PRESSURE GAGE TO TEE STA 75 TO 86 LH	1	A
- 3	5202132-6	PIPE ASSY, FLOW INDICATOR TO REGULATOR STA 75 TO 86 RH	1	A
- 4	5202132-8	PIPE ASSY, PRESSURE GAGE TO TEE STA 75 TO 86 RH	1	A
- 5	5209882	INSTRUMENT INSTL, PILOT AND COPILOT LOW PRESSURE OXYGEN	1	A
- 6	MS20822-5D	ELBOW, (ALT PN AN822-5D)	4	A
- 7	AN6029-1	INDICATOR ASSY	2	A
- 8	AN6021-1	GAGE ASSY	2	A
- 9	2202033	PANEL, PILOT AND COPILOT OXYGEN INSTRUMENT LH	1	A
	2202033-1	PANEL, PILOT AND COPILOT OXYGEN INSTRUMENT RH	1	A
- 10	MS22055A12	HOSE, (ALT PN AN6003-1)	2	A
- 11	1204922	STRAP, LOW PRESSURE OXYGEN HOSE SUPPORT	2	A
		(ATTACHING PARTS)		
	MS24621-30	SCREW, (ALT PN AN530-8-8)	2	A
	NAS446-4-1	NUT, (ALT PN 1778-8Z (78553))	2	A
- 12	5202132-1	PIPE ASSY, TEE TO REGULATOR STA 86 LH	1	A
- 13	5202132-1	PIPE ASSY, TEE TO REGULATOR STA 86 RH	1	A
- 14	MS22032-1	RECHARGER ASSY, (ALT PN 42D7261 (GFAE))	2	A
- 15	1143051	CLIP, PORTABLE OXYGEN RECHARGER UNIT STOWAGE	3	A
- 16	MS20822-5D	ELBOW, (ALT PN AN822-5D)	2	A
- 17	MS20825-5D	TEE, (ALT PN AN825-5D)	1	A
- 18	MS20826-5D	TEE, (ALT PN AN826-5D)	1	A
- 19	AN824-5D	TEE	3	A
- 20	AN6004-1	REGULATOR ASSY	2	A
		(ATTACHING PARTS)		
- 20A	MS24621-42	SCREW, (ALT PN AN530-10-6)	6	A
- 20B	NAS446-5-1	NUT, (ALT PN 1779-10Z (78553))	6	A
- 21	5202132-12	PIPE ASSY, TEE TO UNION STA 86 LH	1	A
- 22	5202132-16	PIPE ASSY, UNION TO UNION STA 86 TO 104 LH	1	A
- 23	5202132-20	PIPE ASSY, TEE TO TEE STA 86 TO 89 RH	1	A
- 24	AN815-5D	UNION	3	A
- 25	5202132-26	PIPE ASSY, TEE TO UNION STA 177 RH	1	B
- 26	5202132-28	PIPE ASSY, UNION TO TEE STA 177 LH	1	B
	400503-3	TUBE ASSY, TEE TO NIPPLE (SEE T.O. 1C-47(S)-506)	1	C
- 27	MS20826-5D	TEE, (ALT PN AN826-5D)	1	A
- 28	1204922	STRAP, LOW PRESSURE OXYGEN HOSE SUPPORT	1	A
		(ATTACHING PARTS)		
	MS24621-30	SCREW, (ALT PN AN530-8-8)	1	A
	NAS446-4-1	NUT, (ALT PN 1778-8Z (78553))	1	A
- 29	MS22055A24	HOSE, (ALT PN AN6003-2)	1	B
	MS22055A24	HOSE, (ALT PN AN6003-24A) (SEE T.O. 1C-47(S)-506)	1	C
- 30	5202132-32	PIPE ASSY, REGULATOR TO INDICATOR STA 95 TO 99	1	B
	400503-2	TUBE ASSY, ELBOW TO ELBOW (SEE T.O. 1C-47(S)-506)	1	C
- 31	MS20822-5D	ELBOW, (ALT PN AN822-5D)	2	A
- 32	AN6004-1	REGULATOR ASSY	1	A
		(ATTACHING PARTS)		
	MS24621-43	SCREW, (ALT PN AN530-10-8)	3	B
	MS35207-264	SCREW, (ALT PN AN520-10R10) (SEE T.O. 1C-47(S)-506)	3	C
	AN960D10L	WASHER, (SEE T.O. 1C-47(S)-506)	3	C
	NAS446-5-1	NUT, (ALT PN 1779-10Z (78553))	3	B
	MS21044N3	NUT, (ALT PN AN365-1032) (SEE T.O. 1C-47(S)-506)	3	C
- 33	AN6029-1	INDICATOR ASSY	1	B
	AN6029-1A	INDICATOR ASSY, (SEE T.O. 1C-47(S)-506)	1	C
- 34	2202042	PANEL, FLIGHT MECHANIC OXYGEN INSTRUMENT	1	B
	400502-1	SUPPORT, (SEE T.O. 1C-47(S)-506)	1	C
- 35	5202132-30	PIPE ASSY, REGULATOR TO UNION STA 90 TO 102 LH	1	A
- 36	5202132-94	PIPE ASSY, UNION TO UNION STA 102 TO 127 LH	1	A
- 37	AN815-5D	UNION	2	A
- 38	5202132-92	PIPE ASSY, UNION TO PRESSURE GAGE STA 127 TO 161 LH	1	A
- 39	5202132-46	PIPE ASSY, UNION TO UNION STA 104 TO 147 LH	1	A
- 40	5202132-48	PIPE ASSY, UNION TO UNION STA 147 TO 180 LH	1	A
- 41	5202132-24	PIPE ASSY, TEE TO UNION STA 89 TO 124 RH	1	A
- 42	5202132-40	PIPE ASSY, UNION TO TEE STA 124 TO 175 RH	1	A
- 43	5202132-42	PIPE ASSY, TEE TO REGULATOR STA 175 TO 180 RH	1	A
- 44	AN815-5D	UNION	5	A
- 45	5202132-44	PIPE ASSY, REGULATOR TO INDICATOR STA 177 RH	1	A
- 46	1204922	STRAP, LOW PRESSURE OXYGEN HOSE SUPPORT	1	A
		(ATTACHING PARTS)		
	MS24621-30	SCREW, (ALT PN AN530-8-8)	1	A
	NAS446-4-1	NUT, (ALT PN 1778-8Z (78553))	1	A
- 47	MS22055A24	HOSE, (ALT PN AN6003-2)	2	A
- 48	AN824-5D	TEE	1	A
- 49	MS20822-5D	ELBOW, (ALT PN AN822-5D)	1	A
- 50	MS20823-5D	ELBOW, (ALT PN AN823-5D)	2	A
- 51	AN6004-1	REGULATOR ASSY	2	A
		(ATTACHING PARTS)	1	A
	MS24621-43	SCREW, (ALT PN AN530-10-8)	3	A
	NAS446-5-1	NUT, (ALT PN 1779-10Z (78553))	3	A

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
239				
- 52	2203092	INDICATOR ASSY, LOW PRESSURE OXYGEN FLOW	1	A
- 53	MS35206-230	SCREW, (ALT PN AN515-6-8)	4	A
- 54	MS20822-5D	ELBOW, (ALT PN AN822-5D)	1	A
- 55	AN6029-1	INDICATOR, FLOW (TYPE A3)	1	A
- 56	MS24621-29	SCREW, (ALT PN AN530-8-6)	2	A
- 56A	NAS446-4-1	NUT, (ALT PN 1778-8Z (78553))	2	A
- 57	1139366	CLIP, PARACHUTE PACK RELEASE SWITCH	1	A
- 58	2203092-2	BRACKET, LOW PRESSURE OXYGEN FLOW INDICATOR	1	A
- 59	5202132-50	PIPE ASSY, TEE TO UNION STA 175 TO 180 RH	1	A
- 60	5202132-90	PIPE ASSY, TEE TO PRESSURE GAGE STA 178 LH	1	A
- 61	5202132-88	PIPE ASSY, FLOW INDICATOR TO REGULATOR STA 162 TO 178 LH	1	A
- 62	MS20826-5D	TEE, (ALT PN AN826-5D)	2	A
- 63	MS20822-5D	ELBOW, (ALT PN AN822-5D)	1	A
- 64	MS20823-5D	ELBOW, (ALT PN AN823-5D)	2	A
- 65	AN6021-1	GAGE ASSY	1	A
- 66	AN6029-1	INDICATOR ASSY	1	A
- 67	4189233	BRACKET, NAVIGATOR OXYGEN GAGE	1	A
		(ATTACHING PARTS)		
	MS35207-266	SCREW, (ALT PN AN526-1032R14)	4	A
	AN960-10	WASHER	4	A
	AN970-10	WASHER	4	A
	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
- 68	1143051	CLIP, PORTABLE OXYGEN RECHARGER UNIT STOWAGE	1	A
- 69	MS22032-1	RECHARGER ASSY, (ALT PN 42D7261 (GFAE))	1	A
- 70	1204922	STRAP, LOW PRESSURE OXYGEN HOSE SUPPORT	1	A
		(ATTACHING PARTS)		
	MS24621-30	SCREW, (ALT PN AN530-8-8)	1	A
	NAS446-4-1	NUT, (ALT PN A1778-8Z1 (78553))	1	A
- 71	MS22055A72	HOSE, (ALT PN AN6003-6)	1	A
- 72	AN6004-1	REGULATOR ASSY	1	A
		(ATTACHING PARTS)		
- 73	MS35207-264	SCREW, (ALT PN AN526-1032R10)	2	A
- 74	AN526-1032R18	SCREW	1	A
- 74A	AN960-10	WASHER	6	A
- 75	NAS43HT3-8	SPACER, (ALT PN S117425-3S04)	2	A
- 76	NAS43HT3-40	SPACER, (ALT PN S117425-3S20)	1	A
- 77	44D22201	CYLINDER AND REGULATOR ASSY, LOW PRESSURE DILUTER DEMAND OXYGEN PORTABLE (TYPE A1) (GFAE)	1	A
- 78	44B24627	BRACKET, NAVIGATOR PORTABLE OXYGEN EQUIPMENT (GFAE)	1	A
		(ATTACHING PARTS)		
	AN526-1032-22	SCREW	4	A
	NAS43HT3-56	SPACER, (ALT PN S117425-3S28)	4	A
	AN960-10	WASHER	8	A
	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
- 79	5202132-52	PIPE ASSY, UNION TO UNION STA 180 TO 323	2	A
- 80	MS35489-10	GROMMET, (ALT PN AN931-5-12)	17	A
- 81	44D22201	CYLINDER AND REGULATOR ASSY, LOW PRESSURE DILUTER DEMAND OXYGEN PORTABLE (TYPE A1) (GFAE)	2	A
- 82	5189713	BOX ASSY, PORTABLE OXYGEN BOTTLE STOWAGE	1	A
		(ATTACHING PARTS)		
	MS35206-245	SCREW, (ALT PN AN515-8-8)	7	A
	MS21044N08	NUT, (ALT PN AN365-832)	7	A
		A 172 THRU 177 AND 210 THRU 541		
		B ALL ABOVE AIRPLANES EXCEPT SC-47 SERIES		
		C ALL SC-47 AIRPLANES ABOVE		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

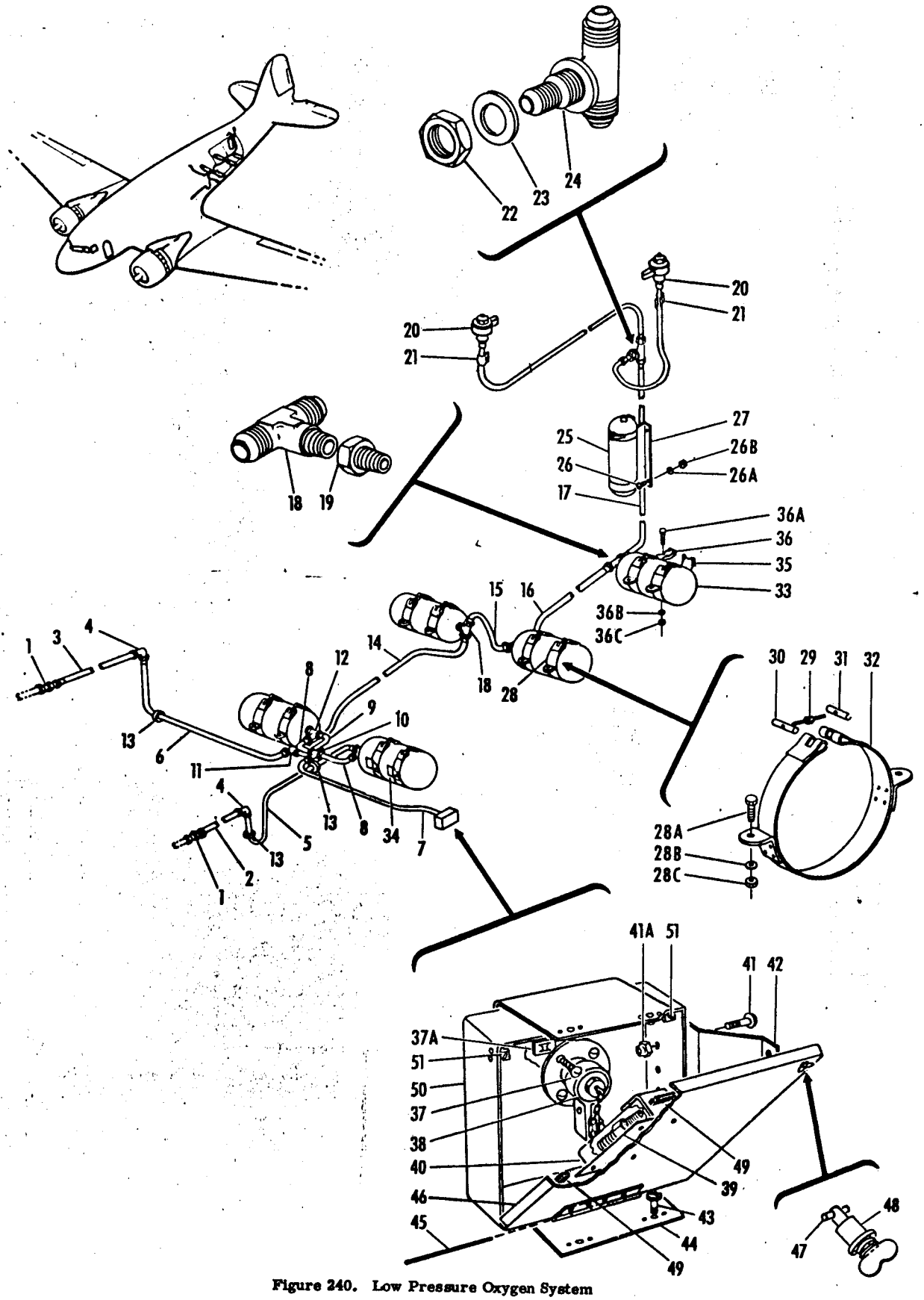

Figure 240. Low Pressure Oxygen System

V4-248

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
240	5209881	SYSTEM INSTL, LOW PRESSURE OXYGEN (SEE FIG. 16 FOR NHA)	REF	A
- 1	AN815-5D	UNION	2	A
- 2	5202132-54	PIPE ASSY, UNION TO ELBOW STA 323 TO 410 LH	1	A
- 3	5202132-56	PIPE ASSY, UNION TO ELBOW STA 323 TO 428 RH	1	A
- 4	AN821-5D	ELBOW	2	A
- 5	5202132-60	PIPE ASSY, ELBOW TO VALVE STA 410 TO 458 LH	1	A
- 6	5202132-58	PIPE ASSY, ELBOW TO TEE STA 428 TO 455 RH	1	A
- 7	5202132-78	PIPE ASSY, VALVE TO CROSS STA 434 TO 450 LH	1	A
- 8	5202132-80	PIPE ASSY, CROSS TO BOTTLE NUMBER 1 AND 2 STA 450 TO 460	2	A
- 9	5202132-82	PIPE ASSY, TEE TO VALVE STA 455 TO 458 RH	1	A
- 10	AN827-5D	CROSS	1	A
- 11	AN824-5D	TEE	1	A
- 12	43A9026	VALVE ASSY, CHECK (STYLE B) (GFAE)	2	A
- 13	MS35489-10	GROMMET, (ALT PN AN931-5-12)	4	A
- 14	5202132-84	PIPE ASSY, TEE TO TEE STA 455 TO 498	1	A
- 15	5202132-66	PIPE ASSY, TEE TO TEE STA 498	1	A
- 16	5202132-68	PIPE ASSY, TEE TO TEE STA 498 TO 530	1	A
- 17	5202132-86	PIPE ASSY, TEE TO TEE STA 530 TO 538	1	A
- 18	MS20825-5D	TEE, (ALT PN AN825-5D)	3	A
- 19	AN912-1D	BUSHING	3	A
- 20	MS22032-1	RECHARGER, (ALT PN 42D7261 (GFAE))	2	A
- 21	1143051	CLIP, PORTABLE OXYGEN RECHARGER UNIT STOWAGE	2	A
- 22	AN924-5D	NUT	2	A
- 23	AN960-816	WASHER	2	A
- 24	AN834-5D	TEE	1	A
- 25	44B24619	REGULATOR AND CYLINDER ASSY, PORTABLE OXYGEN (GFAE)	1	A
- 26	AN525-10-7	SCREW	4	A
- 26A	AN960-10	WASHER	4	A
- 26B	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
- 27	44B24627	BRACKET, PORTABLE OXYGEN BOTTLE SUPPORT	1	A
	5209879	CYLINDER INSTL, G-1 LOW PRESSURE OXYGEN	1	A
- 28	4202032	STRAP ASSY, OXYGEN BOTTLE SUPPORT	10	A
		(ATTACHING PARTS)		
- 28A	AN3-5A	BOLT	20	A
- 28B	AN960-10	WASHER	20	A
- 28C	MS21044N3	NUT, (ALT PN AN365-1032)	20	A
		-1-*-1-		
- 29	NAS27-4-22	TURNBUCKLE, (ALT PN NAS27-4)	1	A
- 30	1139791	TRUNNION, OXYGEN CYLINDER STRAP	1	A
- 31	1143490	TRUNNION, OXYGEN CYLINDER STRAP RH THREAD	1	A
- 32	4202032-10	STRAP ASSY, OXYGEN BOTTLE SUPPORT	1	A
- 33	NO NUMBER	CYLINDER ASSY, OXYGEN (TYPE G-1) (GFAE)	5	A
- 34	2202017	BRACKET, OXYGEN CYLINDER ATTACHING STA 450	4	A
- 35	2202031	BRACKET, OXYGEN CYLINDER ATTACHING STA 538 (OUTBOARD)	1	A
- 36	1209979	CHANNEL, OXYGEN CYLINDER SUPPORT STA 538 (INBOARD)	1	A
		(ATTACHING PARTS)		
- 36A	AN3-5A	BOLT	4	A
- 36B	AN960-10	WASHER	4	A
- 36C	MS21044D3	NUT, (ALT PN AN365D1032)	4	A
		-1-*-1-		
- 37	MS24621-43	SCREW, (ALT PN AN530-10-8)	4	A
- 37A	NAS446-5-1	NUT, (ALT PN A1779-10Z1 (78553))	4	A
- 38	AN6024-3	VALVE ASSY	1	A
- 39	42A6950	ADAPTER, (GFAE)	1	A
- 40	2143004	BAG ASSY, ARMY TO BRITISH ADAPTER STOWAGE	1	A
- 41	MS35207-228	SCREW, (ALT PN AN520-6-6)	4	A
- 41A	AN365-640	NUT	4	A
- 42	1189262	SUPPORT, LOW PRESSURE OXYGEN FILLER BOX	1	A
- 43	AN525-10-8	SCREW	4	A
- 44	4189573	BRACKET ASSY, OXYGEN FILLER VALVE BOX	1	A
	4202484	BOX ASSY, OXYGEN FILLER VALVE STOWAGE	1	A
- 45	4202484-14	PIN, OXYGEN FILLER VALVE STOWAGE BOX HINGE	1	A
		(MAKE FROM S121873-091-300)		
- 46	4202484-8	COVER ASSY, OXYGEN FILLER VALVE STOWAGE BOX	1	A
- 47	99785-2	PIN, (61864)	2	A
- 48	WL99899-1-090	STUD, (61864)	2	A
- 49	4202484-12	SEAL, OXYGEN FILLER VALVE STOWAGE BOX COVER	1	A
- 50	4202484-6	BOX ASSY, OXYGEN FILLER VALVE STOWAGE	1	A
- 51	99808	RECEPTACLE, (61864)	2	A
		A 172 THRU 177 AND 210 THRU 541		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

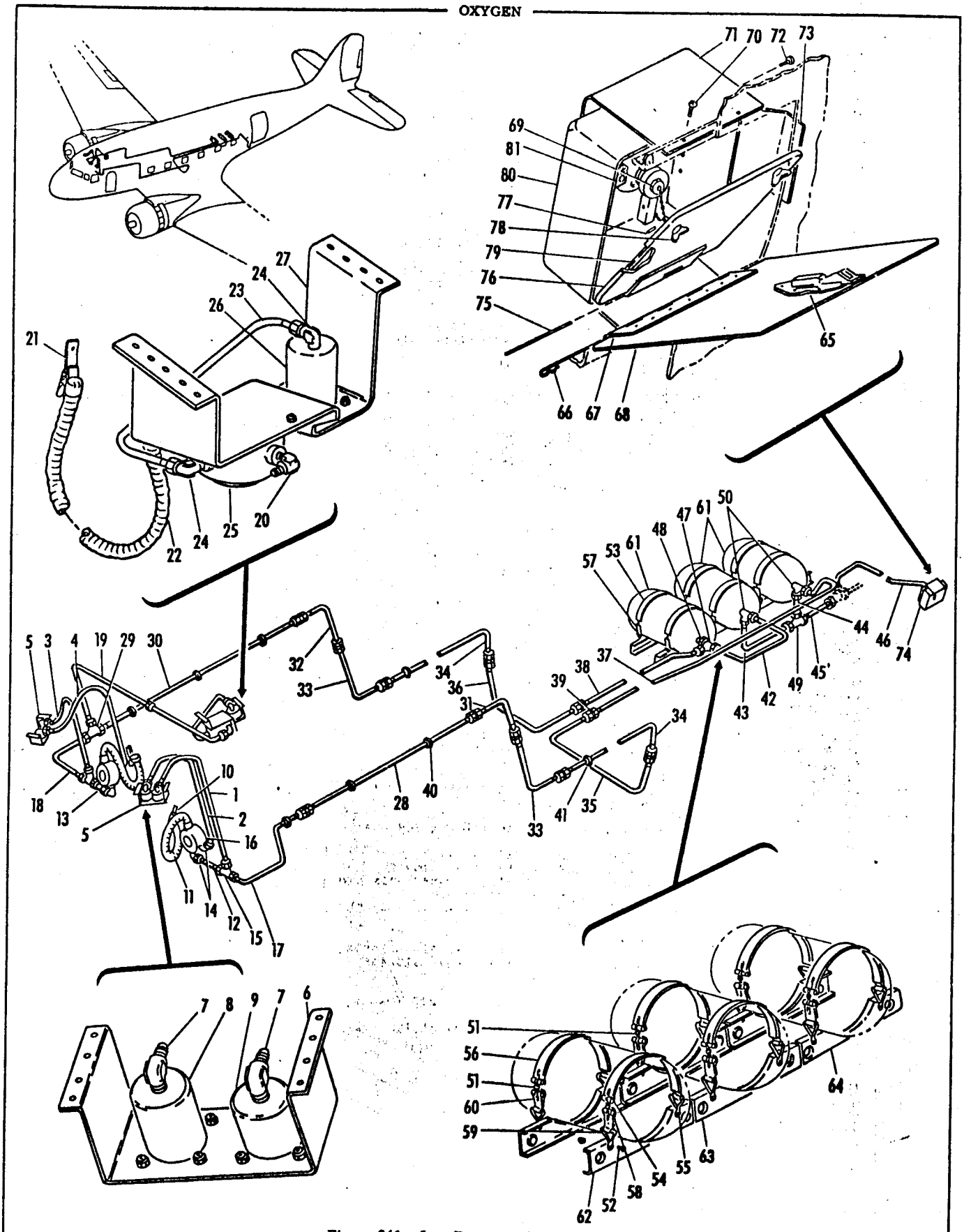

Figure 241. Low Pressure Oxygen System

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FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
241	5188296	SYSTEM INSTL, LOW PRESSURE OXYGEN (SEE FIG. 16 FOR NHA)	REF	A
- 1	5188835-4	PIPE ASSY, PRESSURE GAGE TO REGULATOR STA 75 TO 86 LH	1	A
- 2	5188835-2	PIPE ASSY, FLOW INDICATOR TO REGULATOR STA 75 TO 86 LH	1	A
- 3	5188835-8	PIPE ASSY, PRESSURE GAGE TO REGULATOR STA 75 TO 86 RH	1	A
- 4	5188835-6	PIPE ASSY, FLOW INDICATOR TO REGULATOR STA 75 TO 86 RH	1	A
- 5	5209882	INSTRUMENT INSTL, PILOT AND COPILOT LOW PRESSURE OXYGEN	1	A
- 6	2202033	PANEL, PILOT AND COPILOT OXYGEN INSTRUMENT LH	1	A
	2202033-1	PANEL, PILOT AND COPILOT OXYGEN INSTRUMENT RH	1	A
- 7	MS20822-5D	ELBOW, (ALT PN AN822-5D)	4	A
- 8	AN6029-1	INDICATOR ASSY	2	A
- 9	AN6021-1A	GAGE ASSY, (ALT PN AN6021-1)	2	A
- 10	1204922	STRAP, LOW PRESSURE OXYGEN HOSE SUPPORT	2	A
		(ATTACHING PARTS)		
	MS24621-30	SCREW, (ALT PN AN530-8-8)	2	A
	NAS446-4-1	NUT, (ALT PN A1778-8Z1 (78553))	2	A
- 11	MS22055A48	HOSE ASSY, (ALT PN AN6003-4)	2	A
- 12	5188835-10	PIPE ASSY, REGULATOR TO TEE STA 75 TO 86 LH	1	A
- 13	5188835-18	PIPE ASSY, REGULATOR TO TEE STA 75 TO 86 RH	1	A
- 14	MS20822-5D	ELBOW, (ALT PN AN822-5D)	4	A
- 15	AN824-5D	TEE	2	A
- 16	AN6004-1	REGULATOR ASSY, (SEE T.O. 1C-1-55)	2	A
		(ATTACHING PARTS)		
	MS24621-42	NUT, (ALT PN AN530-10-6)	6	A
	NAS446-5-1	NUT, (ALT PN A1779-10Z1 (78553))	6	A
- 17	5188835-12	PIPE ASSY, TEE TO UNION STA 86 TO 108 LH	1	A
- 18	5188835-14	PIPE ASSY, TEE TO TEE STA 86 TO 88 RH	1	A
- 19	5188835-16	PIPE ASSY, TEE TO REGULATOR STA 88	1	A
- 20	MS20822-5D	ELBOW, (ALT PN AN822-5D)	1	A
- 21	1204922	STRAP, LOW PRESSURE OXYGEN HOSE SUPPORT	1	A
		(ATTACHING PARTS)		
	MS24621-30	SCREW, (ALT PN AN530-8-8)	1	A
	NAS446-4-1	NUT, (ALT PN A1778-4Z1 (78553))	1	A
- 22	MS22055A72	HOSE ASSY, (ALT PN AN6003-6)	1	A
- 23	5188835-32	PIPE ASSY, REGULATOR TO INDICATOR STA 95 TO 99	1	A
- 24	MS20822-5D	ELBOW, (ALT PN AN822-5D)	2	A
- 25	AN6004-1	REGULATOR ASSY, (SEE T.O. 1C-1-55)	1	A
		(ATTACHING PARTS)		
	MS24621-43	SCREW, (ALT PN AN530-10-8)	3	A
	NAS446-5-1	NUT, (ALT PN A1779-10Z1 (78553))	3	A
- 26	AN6029-1A	INDICATOR ASSY, (ALT PN AN6029-1)	1	A
- 27	2202042	PANEL, FLIGHT MECHANIC OXYGEN INSTRUMENT	1	A
- 28	5188835-22	PIPE ASSY, UNION TO UNION STA 108 TO 146 LH	1	A
- 29	AN824-5D	TEE	1	A
- 30	5188835-24	PIPE ASSY, TEE TO UNION STA 188 TO 146 RH	1	A
- 31	5188835-56	PIPE ASSY, UNION TO UNION STA 146 TO 160 LH	1	A
- 32	5188835-54	PIPE ASSY, UNION TO UNION STA 146 TO 160 RH	1	A
- 33	5188835-26	PIPE ASSY, UNION TO UNION STA 160 TO 178 LH AND RH	2	A
- 34	5188835-30	PIPE ASSY, UNION TO UNION STA 178 TO 310 LH AND RH	2	A
- 35	5188835-36	PIPE ASSY, UNION TO UNION STA 310 TO 330 LH	1	A
- 36	5188835-38	PIPE ASSY, UNION TO UNION STA 310 TO 330 RH	1	A
- 37	5188835-42	PIPE ASSY, UNION TO VALVE STA 330 TO BOTTLE NO. 3 LH	1	A
- 38	5188835-40	PIPE ASSY, UNION TO TEE STA 330 TO BOTTLE NO. 1 RH	1	A
- 39	AN815-5D	UNION	11	A
- 40	MS35489-10	GROMMET, (ALT PN AN931-5-12)	19	A
- 41	MS35489-68	GROMMET, (ALT PN AN931B5-12)	6	A
- 42	5188835-44	PIPE ASSY, TEE TO VALVE BOTTLE NO. 1 TO 2	1	A
- 43	5188835-46	PIPE ASSY, VALVE TO TEE BOTTLE NO. 2 STA 400 TO 420	1	A
- 44	5188835-48	PIPE ASSY, VALVE TO TEE BOTTLE NO. 3 STA 420	1	A
- 45	5188835-50	PIPE ASSY, TEE TO TEE STA 420 TO 430	1	A
- 46	5188835-52	PIPE ASSY, TEE TO FILLER VALVE STA 430	1	A
- 47	AN826-5D	TEE	1	A
- 48	AN912-1D	BUSHING	1	A
- 49	AN824-5D	TEE	1	A
- 50	43A9026	VALVE ASSY, CHECK (GFAE)	2	A
	5188743	CYLINDER INSTL, G-1 OXYGEN	1	A
- 51	1139790	TURNBUCKLE, OXYGEN TANK STRAP	6	A
- 52	MS27039-0808	SCREW, (ALT PN AN525-8-8)	12	A
	MS21044D08	NUT, (ALT PN AN365D832)	12	A
- 53	2189192	STRAP ASSY, G-1 OXYGEN BOTTLE ANCHOR	6	A
- 54	1143490	TRUNNION, OXYGEN CYLINDER STRAP RH THREAD	1	A
- 55	1142864	SHACKLE, OXYGEN BOTTLE TIEDOWN STRAP	1	A
- 56	2189192-2	STRAP, G-1 OXYGEN BOTTLE ANCHOR	1	A
- 57	2189191	STRAP ASSY, G-1 OXYGEN BOTTLE TIEDOWN	6	A
- 58	1139791	TRUNNION, OXYGEN TANK STRAP	1	A
- 59	1142864	SHACKLE, OXYGEN BOTTLE TIEDOWN STRAP	1	A
- 60	2189191-2	STRAP, G-1 OXYGEN BOTTLE TIEDOWN	1	A
- 61	NO NUMBER	CYLINDER, OXYGEN (TYPE G1) (GFAE)	3	A
- 62	5188331	BRACKET ASSY, OXYGEN BOTTLE SUPPORT LH	1	A
	5188331-1	BRACKET ASSY, OXYGEN BOTTLE SUPPORT RH	1	A
- 63	5188279	SUPPORT ASSY, G-1 OXYGEN BOTTLE LH	1	A
	5188279-1	SUPPORT ASSY, G-1 OXYGEN BOTTLE RH	1	A
- 64	5188278	BRACKET ASSY, G-1 OXYGEN BOTTLE SUPPORT LH	1	A
	5188278-1	BRACKET ASSY, G-1 OXYGEN BOTTLE SUPPORT RH	1	A

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
241 - 65	S4138115	LATCH ASSY, FLUSH DOOR	1	A
	5188296-16	DOOR ASSY, CREW LOW PRESSURE OXYGEN	1	A
- 66	5188296-10	PIN, CREW LOW PRESSURE OXYGEN DOOR (MAKE FROM S121873-091-428)	1	A
- 67	5188296-12	HINGE ASSY, CREW LOW PRESSURE OXYGEN DOOR (MAKE FROM S121874D500)	1	A
- 68	5188296-14	DOOR, CREW LOW PRESSURE OXYGEN	1	A
- 69	AN6024-3	VALVE ASSY	1	A
		(ATTACHING PARTS)		
	MS24621-43	SCREW, (ALT PN AN530-10-8)	4	A
	NAS446-5-1	NUT, (ALT PN A1779-10Z1 (78553))	4	A
- 70	MS27039-1-08	SCREW, (ALT PN AN525-10-8)	4	A
- 71	4189573	BRACKET ASSY, OXYGEN FILLER VALVE BOX	1	A
	AN365-640	NUT	4	A
- 72	MS35207-228	SCREW, (ALT PN AN520-6-6)	4	A
- 73	5188296-8	SUPPORT, FILLER VALVE STOWAGE BOX	1	A
- 74	4189213	BOX ASSY, OXYGEN FILLER VALVE STOWAGE	1	A
- 75	4189213-14	PIN, OXYGEN FILLER VALVE STOWAGE BOX (MAKE FROM S121873-091-300)	1	A
- 76	4189213-8	COVER ASSY, OXYGEN FILLER VALVE STOWAGE BOX	1	A
- 77	99785-2	PIN, (61864)	2	A
- 78	WL99899-1	STUD, (61864)	2	A
- 79	4189213-12	SEAL, OXYGEN FILLER VALVE STOWAGE BOX	1	A
- 80	4189213-6	BOX ASSY, OXYGEN FILLER VALVE STOWAGE	1	A
- 81	99808	RECEPTACLE, (61864)	2	A
		A 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

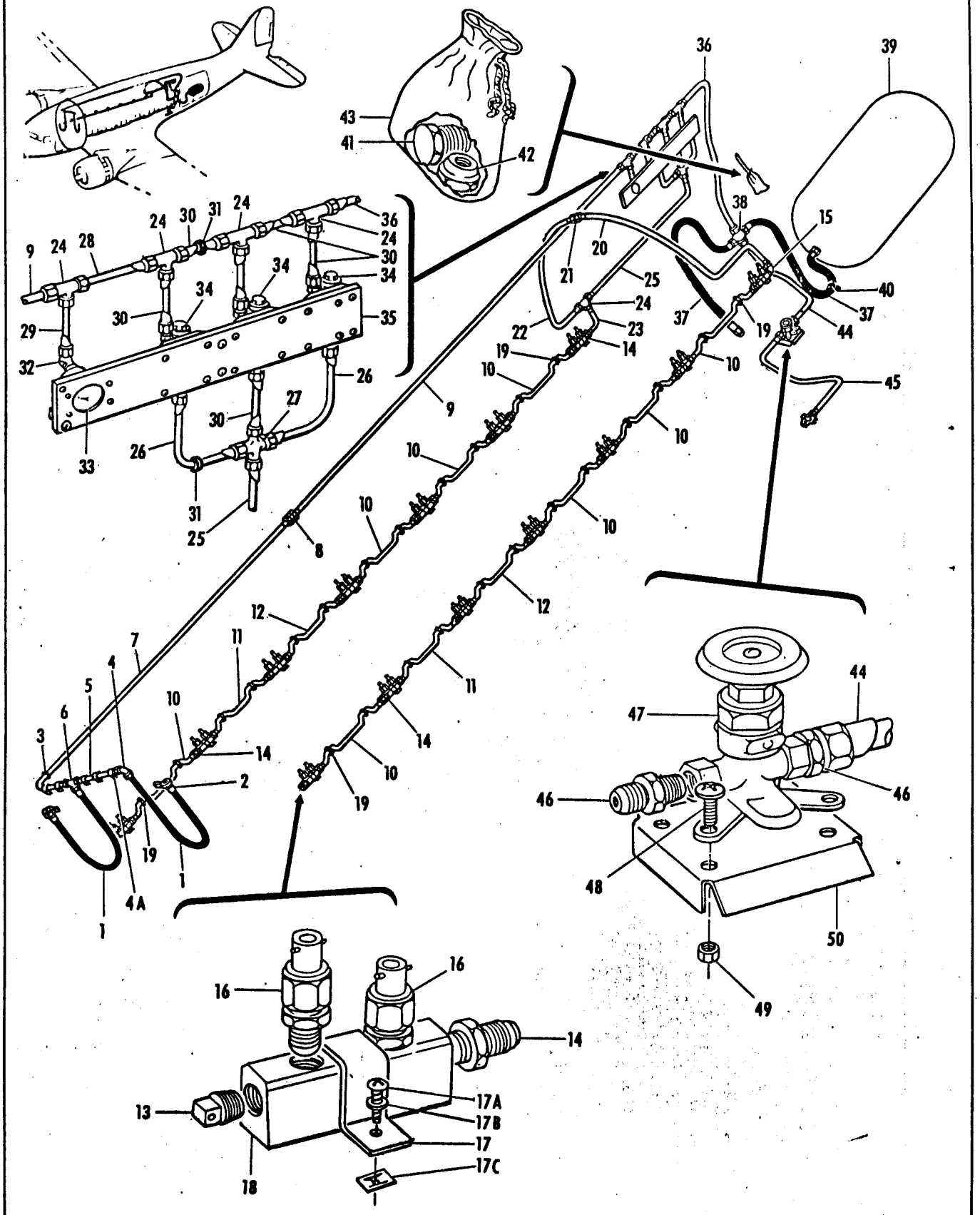


Figure 242. Troop Low Pressure Oxygen System

V4-243

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
242	5204384	SYSTEM INSTL, TROOP LOW PRESSURE OXYGEN	REF	A
		(SEE FIG. 16 FOR NHA)		
- 1	MS22032-1	RECHARGER ASSY, (GFAE)	2	A
- 2	1143051	CLIP, PORTABLE OXYGEN RECHARGER UNIT STOWAGE	2	A
- 3	MS35489-10	GROMMET, (ALT PN AN931-5-12)	14	A
- 4	AN821-5D	ELBOW	1	A
- 4A	755-5-2-6	CLAMP, (00502)	5	A
- 5	5204979-64	PIPE ASSY, ELBOW TO TEE STA 178	1	A
- 6	AN824-5D	TEE	1	A
- 7	5204979-60	PIPE ASSY, TEE TO UNION STA 178 TO 323	1	A
- 8	AN815-5D	UNION	1	A
- 9	5204979-62	PIPE ASSY, UNION TO TEE STA 323 TO 455	1	A
- 10	5204979-28	PIPE ASSY, MANIFOLD TO MANIFOLD STA 186 TO 225, 303 TO 342, 342 TO 381 AND 381 TO 420	8	A
- 11	5204979-32	PIPE ASSY, MANIFOLD TO MANIFOLD STA 225 TO 264	2	A
- 12	5204979-52	PIPE ASSY, MANIFOLD TO MANIFOLD STA 264 TO 303	2	A
- 13	MS20913-1D	PLUG, (ALT PN AN913-1D)	2	A
- 14	AN816-5D	NIPPLE	25	A
- 15	MS20822-5D	ELBOW, (ALT PN AN822-5D)	1	A
- 16	AN6009-2A	COUPLING, (GFAE)	28	A
- 17	1204669	CLAMP, OXYGEN MANIFOLD (DRILL ON INSTL)	14	A
		(ATTACHING PARTS)		
- 17A	MS24621-29	SCREW, (ALT PN AN530-8-6)	28	A
- 17B	AN960-8	WASHER	28	A
- 17C	NAS446-4-1	NUT, (ALT PN 1778-8Z (78553))	28	A
- 18	2204657	MANIFOLD, FOUR PORT 1/8 IN. OXYGEN COUPLING	14	A
- 19	MS35489-10	GROMMET, (ALT PN AN931-5-12)	24	A
- 20	5204979-36	PIPE ASSY, MANIFOLD TO UNION STA 412	1	A
- 21	AN815-5D	UNION	1	A
- 22	5204979-34	PIPE ASSY, UNION TO TEE STA 412 TO 420	1	A
- 23	5204979-26	PIPE ASSY, MANIFOLD TO TEE STA 420	1	A
- 24	AN824-5D	TEE	5	A
- 25	5204979-24	PIPE ASSY, TEE TO CROSS STA 420 TO 470 RH	1	A
- 26	5204979-20	PIPE ASSY, CROSS TO REGULATOR STA 470 TO 460 AND 475	2	A
- 27	AN827-5D	CROSS	1	A
- 28	5204979-66	PIPE ASSY, TEE TO TEE STA 457	1	A
- 29	5204979-68	PIPE ASSY, TEE TO PRESSURE GAUGE STA 455	1	A
- 30	5204979-10	PIPE ASSY, FITTING TO FITTING OR REGULATOR	6	A
- 31	MS35489-10	GROMMET, (ALT PN AN931-5-12)	2	A
- 32	MS20822-5D	ELBOW, (ALT PN AN822-5D)	1	A
	MS35206-233	SCREW, (ALT PN AN515-6-14)	4	A
	AN960-6	WASHER	4	A
- 33	NO NUMBER	GAGE ASSY, (SPEC 94-27368) (GFAE)	1	A
	MS24621-44	SCREW, (ALT PN AN530-10-10)	12	A
	AN960-10	WASHER	12	A
	MS21044N3	NUT, (ALT PN AN365-1032)	12	A
- 34	NO NUMBER	REGULATOR ASSY, (TYPE A11) (GFAE)	3	A
	MS24621-44	SCREW, (ALT PN AN530-10-10)	6	A
	AN960-10	WASHER	6	A
	MS21044N3	NUT, (ALT PN AN365-1032)	6	A
- 35	3204935	PANEL ASSY, TROOP LOW PRESSURE OXYGEN (GAGE AND REGULATOR)	1	A
- 36	5204979-18	PIPE ASSY, TEE TO CROSS STA 479	1	A
- 37	42D19277-48	HOSE ASSY, (GFAE)	2	A
- 38	AN827-5D	CROSS	1	A
- 39	NO NUMBER	CYLINDER ASSY, TROOP LOW PRESSURE OXYGEN (TYPE J-1) (GFAE)	1	A
	MS24621-17	SCREW, (ALT PN AN530-6-6)	4	A
	A8175-6Z	NUT, TWIN TYPE (78553) (ALT PN A6065-6Z (78553))	2	A
- 40	S1205247	CLIP, STOWAGE	2	A
- 41	43A18949	PLUG, FLARED TUBE SIZE 5/16 (13174) (GFAE)	2	A
- 42	AN929-5	CAP, (ALT PN AN820-5)	2	A
- 43	1205294	BAG ASSY, OXYGEN PLUG AND CAP STOWAGE	1	A
- 44	5204979-58	PIPE ASSY, CROSS TO VALVE STA 475	1	A
- 45	5204979-56	PIPE ASSY, VALVE TO CROSS STA 475 TO 457	1	A
- 46	AN816-5D	NIPPLE	2	A
- 47	40386	VALVE ASSY, LOW PRESSURE OXYGEN (GFAE)	1	A
		(ATTACHING PARTS)		
- 48	AN525-10-8	SCREW	4	A
- 49	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
- 50	1189618	CLIP, LOW PRESSURE OXYGEN VALVE	1	A
		A 172 THRU 177 AND 210 THRU 541		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

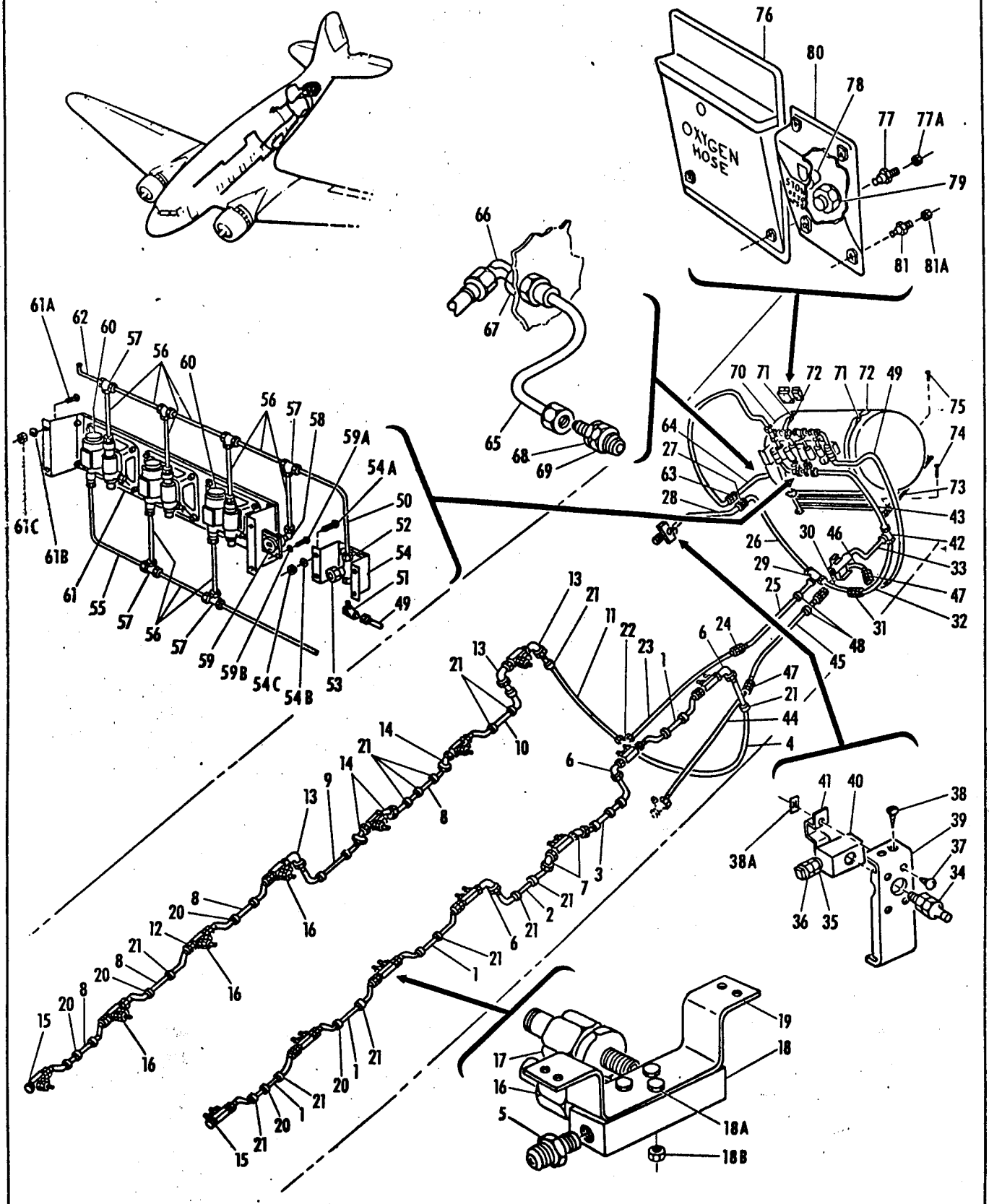


Figure 243. Passenger Low Pressure Oxygen System

V4-241

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
243	5188905	SYSTEM INSTL, PASSENGER LOW PRESSURE OXYGEN (SEE FIG. 16 FOR NHA)	REF	A
- 1	5188938-2	PIPE ASSY, MANIFOLD TO MANIFOLD STA 206 TO 323 AND STA 401 TO 440	4	A
- 2	5188938-4	PIPE ASSY, MANIFOLD TO MANIFOLD STA 323 TO 357	1	A
- 3	5188938-6	PIPE ASSY, MANIFOLD TO MANIFOLD STA 357 TO 401	1	A
- 4	5188938-14	PIPE ASSY, MANIFOLD TO TEE STA 440 TO 450	1	A
- 6	MS20822-5D	ELBOW, (ALT PN AN822-5D)	3	A
- 7	MS20823-5D	ELBOW, (ALT PN AN823-5D)	2	A
- 8	5188938-8	PIPE ASSY, MANIFOLD TO MANIFOLD STA 206 TO 323 AND STA 357 TO 401	4	A
- 9	5188938-10	PIPE ASSY, MANIFOLD TO MANIFOLD STA 323 TO 357	1	A
- 10	5188938-12	PIPE ASSY, MANIFOLD TO MANIFOLD STA 401 TO 440	1	A
- 11	5188938-16	PIPE ASSY, MANIFOLD TO TEE STA 440 TO 450	1	A
- 12	AN816-5D	NIPPLE	7	A
- 13	MS20822-5D	ELBOW, (ALT PN AN822-5D)	3	A
- 14	MS20823-5D	ELBOW, (ALT PN AN823-5D)	3	A
- 15	MS20913-1D	PLUG, (ALT PN AN913-1D)	2	A
- 16	AN6009-2A	COUPLING, (GFAE)	14	A
- 17	AN6009-2A	COUPLING, LH (GFAE)	7	A
	MS20913-1D	PLUG, RH (ALT PN AN913-1D)	7	A
- 18	2188943	MANIFOLD, PASSENGER LOW PRESSURE OXYGEN OUTLET (MAKE FROM 2204657) (ATTACHING PARTS)	14	A
- 18A	AN3DDH10	BOLT	42	A
- 18B	MS21044D3	NUT, (ALT PN AN365D1032)	42	A
- 19	1189293	BRACKET, PASSENGER OXYGEN MANIFOLD	14	A
- 20	MS35489-68	GROMMET, (ALT PN AN931B5-12)	6	A
- 21	MS35489-10	GROMMET, (ALT PN AN931-5-12)	24	A
- 22	AN824-5D	TEE	1	A
- 23	5188938-20	PIPE ASSY, TEE TO UNION STA 450 TO 495	1	A
- 24	AN815-5D	UNION	1	A
- 25	5188938-48	PIPE ASSY, UNION TO TEE STA 495 TO 538	1	A
- 26	5188938-28	PIPE ASSY, TEE TO UNION STA 538	1	A
- 27	AN815-5D	UNION	1	A
- 28	5188938-24	PIPE ASSY, UNION TO MANIFOLD STA 518 TO 538	1	A
- 29	AN824-5D	TEE	1	A
- 30	5188938-30	PIPE ASSY, TEE TO UNION STA 538	1	A
- 31	AN815-5D	UNION	1	A
- 32	5188938-34	PIPE ASSY, UNION TO TEE STA 538	1	A
- 33	5188938-22	PIPE ASSY, TEE TO MANIFOLD STA 513 TO 535	1	A
- 34	AN6009-2A	COUPLING, (GFAE)	2	A
- 35	AN816-5D	UNION	2	A
- 36	MS20913-1D	PLUG, (ALT PN AN913-1D)	2	A
- 37	MS24621-28	SCREW, (ALT PN AN530-8-4)	8	A
- 38	MS24621-29	SCREW, (ALT PN AN530-8-6)	8	A
- 38A	NAS446-4-1	NUT, (ALT PN A1778-821 (78553))	16	A
- 39	4188975	BRACKET, LAVATORY OXYGEN OUTLET MANIFOLD (DRILL ON INSTL)	2	A
- 40	2188944	MANIFOLD, LOW PRESSURE OXYGEN OUTLET	2	A
- 41	1204669	CLAMP, OXYGEN MANIFOLD (DRILL ON INSTL)	4	A
- 42	AN824-5D	TEE	1	A
- 43	5188938-38	PIPE ASSY, TEE TO TEE STA 538	1	A
- 44	5188938-18	PIPE ASSY, TEE TO UNION STA 429 TO 492	1	A
- 45	5188938-50	PIPE ASSY, UNION TO UNION STA 492 TO 538	1	A
- 46	5188938-32	PIPE ASSY, UNION TO UNION STA 538	1	A
- 47	AN815-5D	UNION	3	A
- 48	MS35489-10	GROMMET, (ALT PN AN931-5-12)	2	A
- 49	5188938-36	PIPE ASSY, UNION TO VALVE STA 538	1	A
- 50	5188938-40	PIPE ASSY, VALVE TO TEE STA 538	1	A
- 51	MS20822-5D	ELBOW, (ALT PN AN822-5D)	1	A
- 52	AN816-5D	NIPPLE	1	A
- 53	40386	VALVE ASSY, (GFAE)	1	A
- 54	2188966-38	BRACKET, LOW PRESSURE OXYGEN VALVE (ATTACHING PARTS)	1	A
- 54A	MS35206-246	SCREW, (ALT PN AN515-8-10)	8	A
- 54B	AN960-8	WASHER	8	A
- 54C	MS21044N08	NUT, (ALT PN AN365-832)	8	A
- 55	5188938-44	PIPE ASSY, TEE TO REGULATOR STA 538	1	A
- 56	5188938-42	PIPE ASSY, TEE TO TEE GAGE AND REGULATOR	10	A
- 57	AN824-5D	TEE	6	A
- 58	MS20822-5D	ELBOW, (ALT PN AN822-5D)	1	A
- 59	AN6021-1	GAGE ASSY, (GFAE) (ATTACHING PARTS)	1	A
- 59A	MS35206-232	SCREW, (ALT PN AN515-6-12)	4	A
- 59B	AN960-6	WASHER	4	A
- 60	A11	REGULATOR ASSY, (GFAE) (ATTACHING PARTS)	3	A
	MS35206-264	SCREW, (ALT PN AN515-10-10)	12	A
	AN970-3	WASHER	12	A
	MS21044N3	NUT, (ALT PN AN365-1032)	12	A
- 61	4188973	PANEL ASSY, LOW PRESSURE OXYGEN (ATTACHING PARTS)	1	A
- 61A	MS35206-264	SCREW, (ALT PN AN515-10-10)	4	A

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
243 - 61B	AN970-3	WASHER	4	A
- 61C	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
- 62	5188938-46	PIPE ASSY, TEE TO UNION STA 538	1	A
- 63	AN815-8D	UNION	1	A
- 64	5188938-26	PIPE ASSY, UNION TO ELBOW STA 538 TO 578	1	A
- 65	42D19277-48	HOSE ASSY, LOW PRESSURE OXYGEN (GFAE) (96142)	1	A
- 66	AN833-5D	ELBOW	1	A
- 67	AN316-8R	NUT	1	A
- 68	AN816-5D	NIPPLE	1	A
- 69	AN912-1D	BUSHING	1	A
	5188951	CYLINDER INSTL, OXYGEN (TYPE J-1)	1	A
- 70	NO NUMBER	CYLINDER, OXYGEN (TYPE J-1) (GFAE)	1	A
- 71	NAS27-4-24	TURNBUCKLE, (ALT PN NAS27-4A)	2	A
- 72	4188952	STRAP ASSY, OXYGEN CYLINDER TIEDOWN	2	A
		(ATTACHING PARTS)		
	AN3-5	BOLT	4	A
	MS21044N3	NUT, (ALT PN AN365-1032)	4	A
	4188952-12	STRAP ASSY, OXYGEN CYLINDER TIEDOWN	1	A
	4188952-8	TRUNNION, OXYGEN CYLINDER TIEDOWN STRAP	1	A
		(MAKE FROM NAS25-4L)		
	4188952-14	STRAP ASSY, OXYGEN CYLINDER TIEDOWN	1	A
	4188952-10	TRUNNION, OXYGEN CYLINDER TIEDOWN STRAP	1	A
		(MAKE FROM NAS25-4R)		
- 73	5188764	SADDLE ASSY, LOW PRESSURE OXYGEN BOTTLE	1	A
		(ATTACHING PARTS)		
- 74	MS35206-268	SCREW, (ALT PN AN515-10-20)	12	A
- 75	MS35206-264	SCREW, (ALT PN AN515-10-10)	6	A
	MS21044N3	NUT, (ALT PN AN365-1032)	6	A
- 76	2324055	STOWAGE ASSY, OXYGEN LOW PRESSURE HOSE	1	A
- 77	AN227-22	FASTENER	4	A
- 77A	MS21044N08	NUT, (ALT PN AN365-832)	4	A
- 78	43A18949	PLUG, FLARED TUBE SIZE 5/16 (GFAE) (13174)	1	A
- 79	AN929-5	CAP, (ALT PN AN820-5)	1	A
- 80	2189141	BAG ASSY, OXYGEN CONNECTOR AND CAP STOWAGE	1	A
- 81	AN227-4	FASTENER	4	A
- 81A	MS21044B06	NUT, (ALT PN AN365B632)	4	A
		A 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

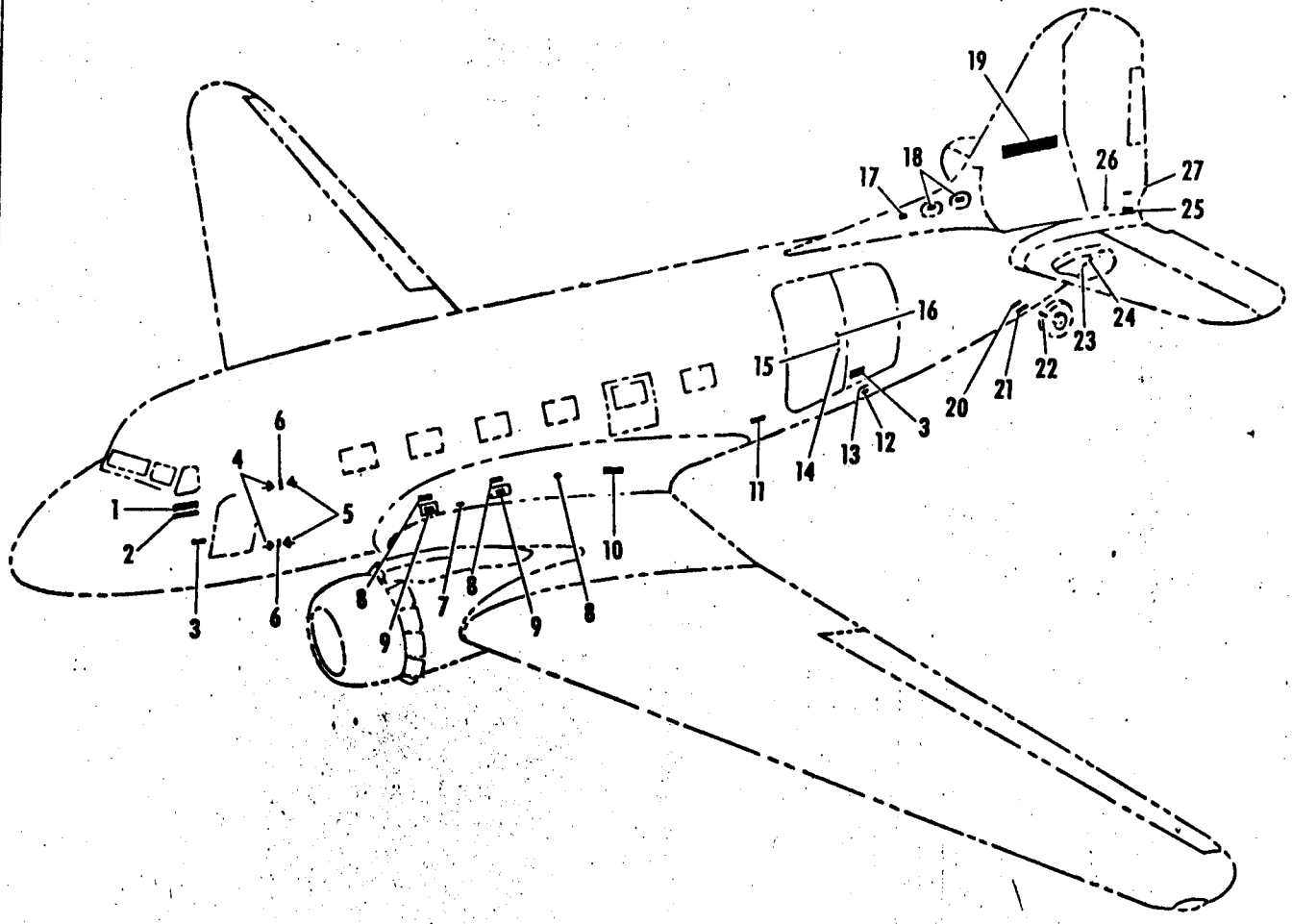


Figure 244. Fuselage Markings, LH

V4-1

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
244		FUSELAGE MARKINGS, LH		
- 1	C47-001-001	MARKING, AIR FORCE NOMENCLATURE AND SERIAL NUMBER	1	
- 2	STD-COM-012	MARKING, FUEL SERVICING INSTRUCTIONS	1	
- 3	STD-COM-009	MARKING, FIRE EXTINGUISHER LOCATED INSIDE	2	
- 4	STD-COM-049	MARKING, DANGER (ARROW TO RIGHT)	2	
- 5	STD-COM-050	MARKING, DANGER (ARROW TO LEFT)	2	
- 6	STD-COM-048	MARKING, PROPELLER	2	
- 7	68B40894	MARKING, GROUND HERE	1	
- 8	C47-COM-002	MARKING, DISCONNECT FUEL GAGE AND CONDUITS	3	
- 9	C47-COM-003	MARKING, LIQUIDOMETER ACCESS	2	
- 10	C47-COM-004	MARKING, BATTERY LOCATION	1	
- 11	STD-COM-043	MARKING, OXYGEN FILLER VALVE LOCATED INSIDE	1	
- 12	C47-001-003	MARKING, REMOVE STEPS	1	
- 13	C47-001-004	MARKING, WARNING KEEP DOOR CLOSED	1	
- 14	C47-001-005	MARKING, LOCK	1	
- 15	C47-001-006	MARKING, DOOR	1	
- 16	STD-COM-044	MARKING, OPEN-CLOSE (ARROW)	1	
- 17	STD-COM-029	MARKING, HOIST	1	
- 18	C47-001-007	MARKING, VERTICAL STABILIZER DEICER ACCESS	2	
- 19	STD-COM-047	MARKING, RADIO CALL NUMBERS	1	
- 20	STD-COM-026	MARKING, USE FLUID SPEC MIL-H-5606	1	
- 21	DELETED			
- 22	C47-COM-005	MARKING, STRUT INSTRUCTIONS	1	
- 23	STD-COM-028	MARKING, MOOR	1	
- 24	STD-COM-017	MARKING, JACK POINT	1	
- 25	STD-COM-001	MARKING, NO STEP	1	
- 26	C47-001-009	MARKING, CONE JUNCTION TUBE ACCESS	1	
- 27	C47-COM-007	MARKING, DISCONNECT WIRING BEFORE REMOVING CONE	1	

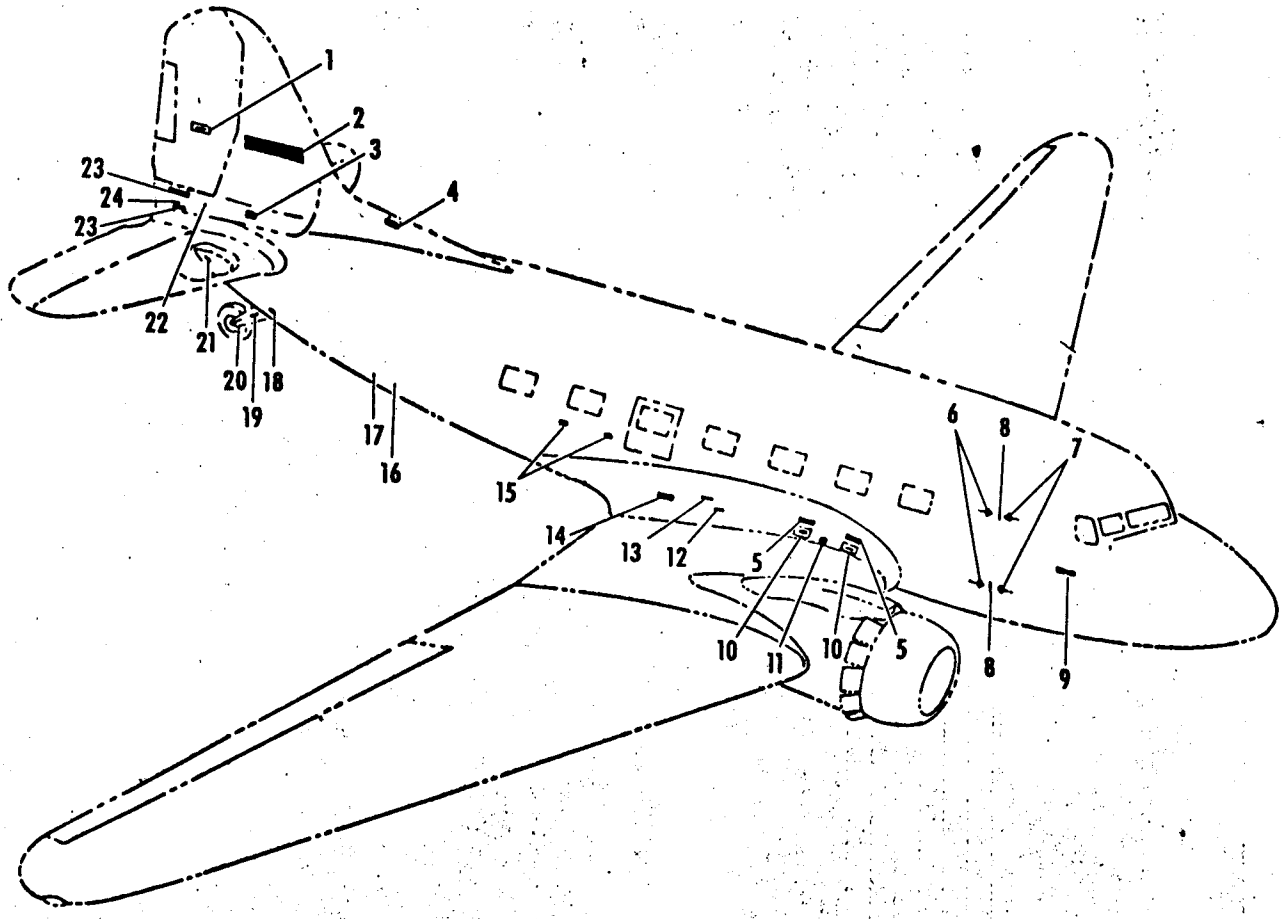
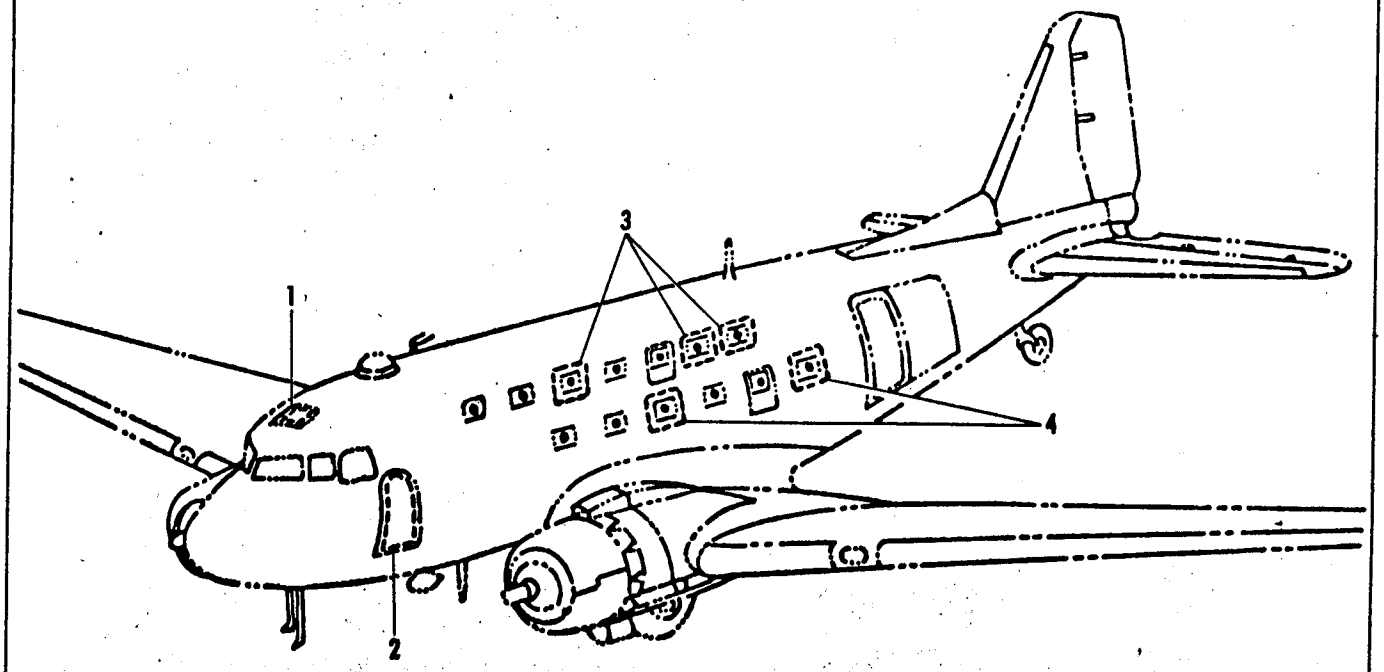


Figure 245. Fuselage Markings, RH

V4-2

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
245		FUSELAGE MARKINGS, RH		
- 1	C47-002-004	MARKING, RUDDER TRIM TAB ACCESS	1	
- 2	STD-COM-047	MARKING, RADIO CALL NUMBERS	1	
- 3	C47-COM-001	MARKING, ELECTRICAL JUNCTION BOX ACCESS	1	
- 4	STD-COM-029	MARKING, HOIST	1	
- 5	C47-COM-002	MARKING, DISCONNECT FUEL GAGE AND CONDUITS	2	
- 6	STD-COM-049	MARKING, DANGER (ARROW TO RIGHT)	2	
- 7	STD-COM-050	MARKING, DANGER (ARROW TO LEFT)	2	
- 8	STD-COM-048	MARKING, PROPELLER	2	
- 9	STD-COM-042	MARKING, CO2 FIRE EXTINGUISHER SAFETY PLUG	1	
- 10	C47-COM-003	MARKING, LIQUIDOMETER ACCESS	2	
- 11	68B40894	MARKING, GROUND HERE	1	
- 12	C47-002-003	MARKING, WARNING FILLER CAPACITY	1	
- 13	C47-002-002	MARKING, ANTI-ICER TANK	1	
- 14	C47-COM-004	MARKING, BATTERY LOCATION	1	
- 15	STD-COM-025	MARKING, LEVEL HERE	2	
- 16	STD-COM-045	MARKING, APU VENT	1	
- 17	STD-COM-046	MARKING, APU EXHAUST	1	
- 18	STD-COM-026	MARKING, USE FLUID SPEC MIL-O-5606	1	
- 19	C47-COM-005	MARKING, STRUT INSTRUCTIONS	1	
- 20	C47-COM-006	MARKING, UNLOCK TAIL-WHEEL	1	
- 21	STD-COM-028	MARKING, MOOR	1	
- 22	C47-002-006	MARKING, RUDDER TORQUE TUBE ACCESS	1	
- 23	STD-COM-001	MARKING, NO STEP	2	
- 24	C47-002-005	MARKING, ELEVATOR TORQUE TUBE ACCESS	1	

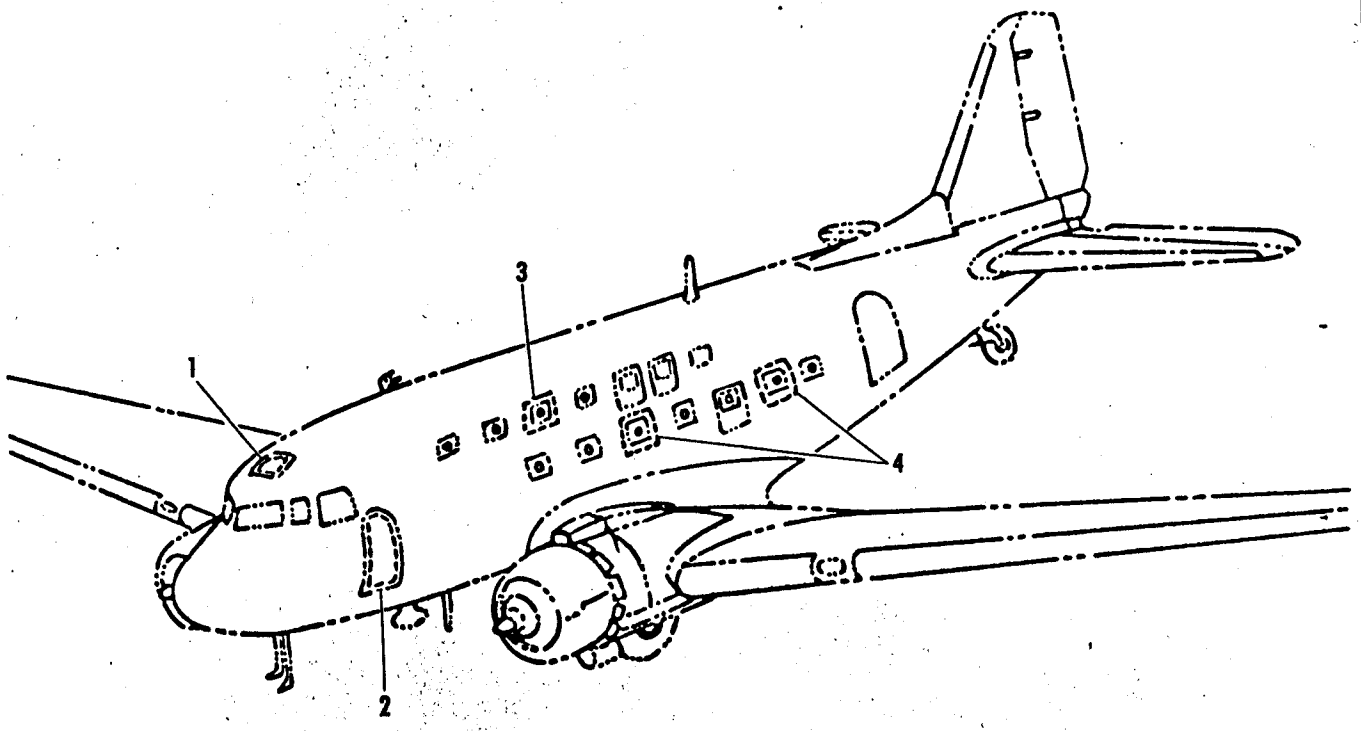


C-47 SERIES AIRPLANES

V4-16

Figure 246. Fuselage Emergency Entrance Markings, LH (C-47)

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
246		FUSELAGE EMERGENCY ENTRANCE MARKINGS LH (C-47)		
- 1	STD-COM-018	MARKING, CUT HERE FOR EMERGENCY RESCUE	1	
- 2	STD-COM-018	MARKING, CUT HERE FOR EMERGENCY RESCUE	1	
- 3	STD-COM-018	MARKING, CUT HERE FOR EMERGENCY RESCUE, RH	3	
- 4	STD-COM-018	MARKING, CUT HERE FOR EMERGENCY RESCUE, LH	2	



C-117 SERIES AIRPLANES

V4-17

Figure 247. Fuselage Emergency Entrance Markings, LH (C-117)

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
247		FUSELAGE EMERGENCY ENTRANCE MARKINGS LH (C-117)		
- 1	STD-COM-018	MARKING, CUT HERE FOR EMERGENCY RESCUE	1	
- 2	STD-COM-018	MARKING, CUT HERE FOR EMERGENCY RESCUE	1	
- 3	STD-COM-018	MARKING, CUT HERE FOR EMERGENCY RESCUE, RH	1	
- 4	STD-COM-018	MARKING, CUT HERE FOR EMERGENCY RESCUE, LH	2	

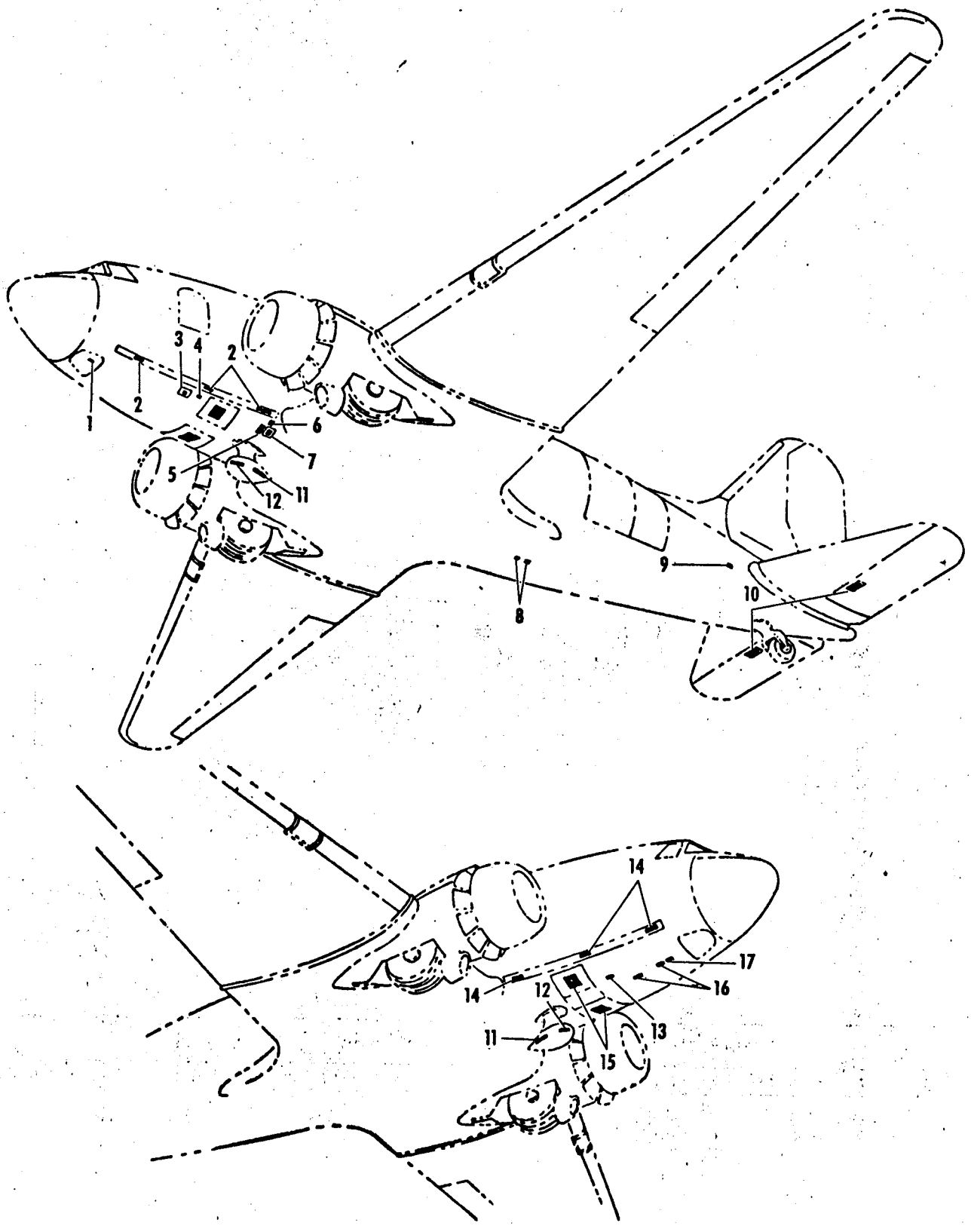


Figure 248. Fuselage and Tail Lower Markings

V4-18

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
248		FUSELAGE AND TAIL LOWER MARKINGS		
- 1	C47-004-013	MARKING, PEDESTAL AND CONTROL COLUMN ACCESS	1	
- 2	C47-004-010	MARKING, CONDUITS	3	
- 3	C47-004-008	MARKING, SERVO UNIT	1	
- 4	C47-004-009	MARKING, SERVO UNIT DRAIN	1	
- 5	C47-004-004	MARKING, CAUTION 12 OR 24 VOLTS	1	
- 6	C47-004-005	MARKING, CAUTION NO RELAY	1	
- 7	C47-004-006	MARKING, EXTERNAL POWER	1	
- 8	C47-004-002	MARKING, FORMATION LIGHTS	2	
- 9	C47-004-001	MARKING, DE-ICER DRAIN COCK	1	
- 10	C47-COM-008	MARKING, ELEVATOR TAB ACCESS	2	
- 11	STD-COM-037	MARKING, GRAPHITE IMPREGNATED	2	
- 12	C47-004-003	MARKING, CORRECTED T.O. DATA LINE	2	
- 13	STD-COM-039	MARKING, RELIEF TUBE DRAIN	1	
- 14	C47-COM-009	MARKING, FUEL AND INSTRUMENT LINES	3	
- 15	C47-004-007	MARKING, BATTERY SWITCH MUST BE OFF	2	
- 16	C47-004-011	MARKING, CONTROL CABLE ACCESS	2	
- 17	C47-004-012	MARKING, CONTROL CABLE INSPECTION	1	

MARKINGS

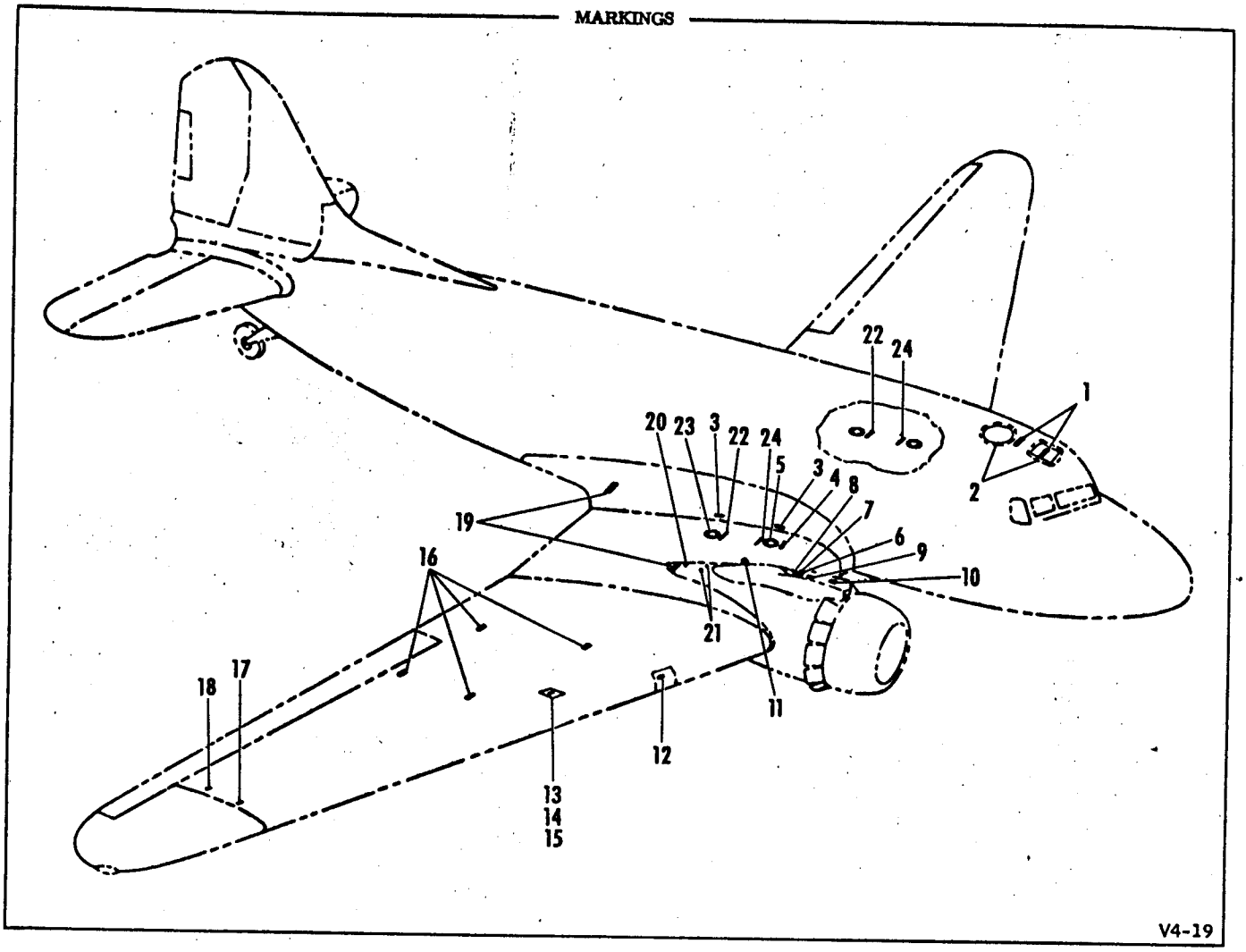


Figure 249. Fuselage and Wing Upper Markings

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
249		FUSELAGE AND WING UPPER MARKINGS		
- 1	STD-COM-021	MARKING, HASH MARKS	2	
- 2	STD-COM-018	MARKING, CUT HERE FOR EMERGENCY RESCUE	2	
- 3	C47-005-001	MARKING, SERVICE 100/130 AND SUITABLE AROMATIC FUEL	4	
- 4	C47-005-002	MARKING, FILL REAR TANK FIRST	2	
- 5	C47-005-003	MARKING, CAPACITY 202 U.S. GALLONS	2	
- 6	C47-005-012	MARKING, OIL TANK FILLER	2	
- 7	C47-005-011	MARKING, CAPACITY 29 U.S. GALLONS	2	
- 8	C47-005-010	MARKING, USE HEATER - 110V 750W	2	
- 9	C47-005-014	MARKING, USE GRADE OIL MIL-O-6082	2	
- 10	C47-005-103	MARKING, CARB AIR FILTER	2	
- 11	C47-005-007	MARKING, OIL STICK GAUGE	2	
- 12	C47-005-015	MARKING, LANDING LIGHT ACCESS	2	
- 13	C47-005-016	MARKING, REMOTE COMPASS (RIGHT WING ONLY)	1	
- 14	C47-005-017	MARKING, COMPASS GYRO CAGE ACCESS (RIGHT WING ONLY)	1	
- 15	C47-005-018	MARKING, FLUX GATE (RIGHT WING ONLY)	1	
- 16	C47-005-019	MARKING, HOIST	8	
- 17	STD-COM-023	MARKING, DISCONNECT WIRING BEFORE REMOVING WING TIP	2	
- 18	C47-005-020	MARKING, INTERCHANGEABLE TIP	2	
- 19	STD-COM-003	MARKING, NO STEP	4	
- 20	C47-005-009	MARKING, BUNGEE INSPECTION	2	
- 21	C47-005-008	MARKING, LANDING GEAR ATTACH BOLT ACCESS	4	
- 22	C47-005-021	MARKING, LEFT AUXILIARY TANK (LEFT WING ONLY)	1	
	C47-005-005	MARKING, RIGHT AUXILIARY TANK (RIGHT WING ONLY)	1	
- 23	C47-005-004	MARKING, CAPACITY 200 U.S. GALLONS	2	
- 24	C47-005-022	MARKING, LEFT MAIN TANK (LEFT WING ONLY)	1	
	C47-005-006	MARKING, RIGHT MAIN TANK (RIGHT WING ONLY)	1	

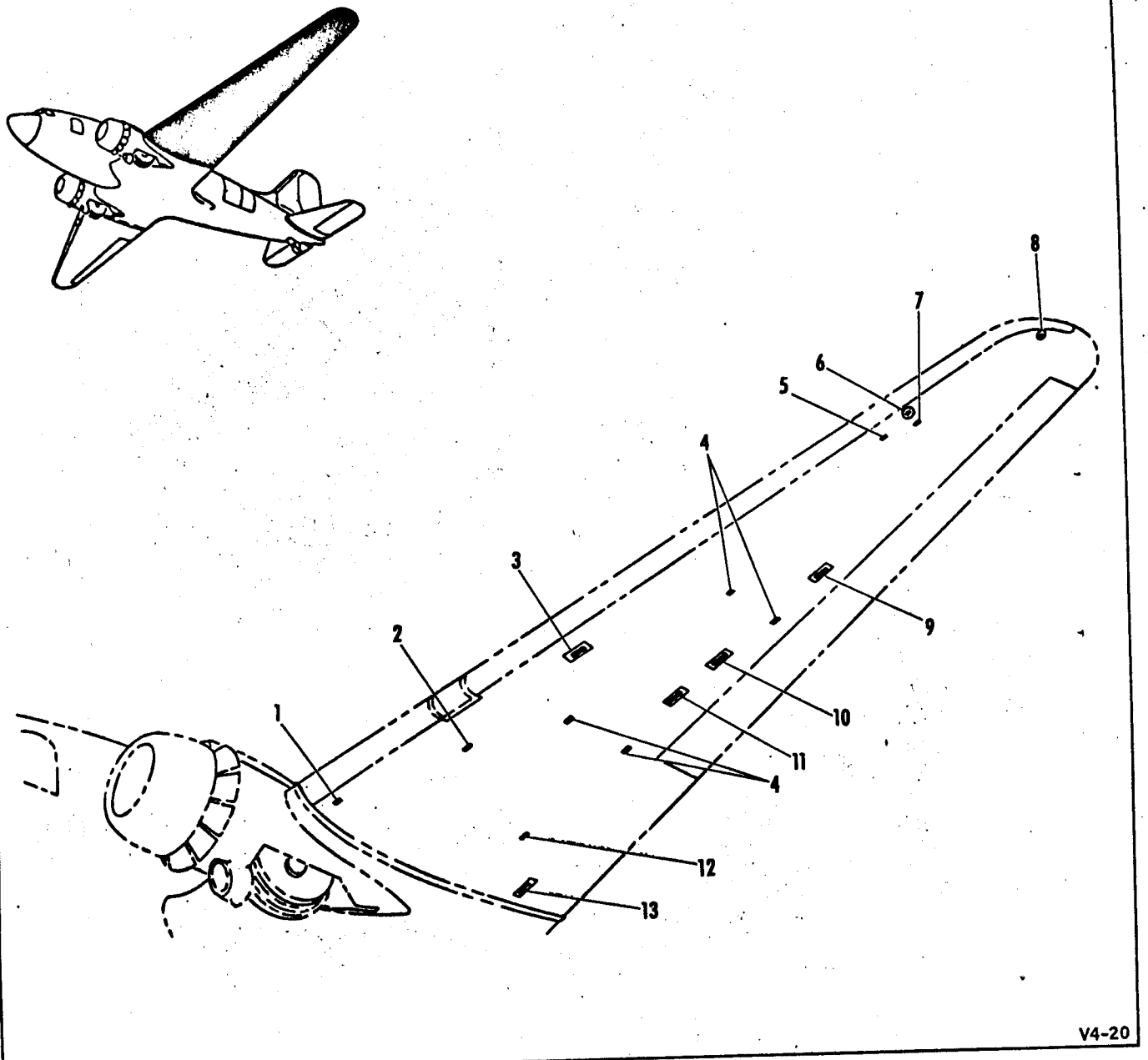


Figure 250. Wing Lower Markings

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	U/A	USE CODE
250		WING LOWER MARKINGS	2	
- 1	STD-COM-022	MARKING, DISCONNECT WIRING BEFORE REMOVING WING	2	
- 2	C47-006-003	MARKING, WING INSPECTION	2	
- 3	C47-006-004	MARKING, DE-ICER LINES ACCESS	8	
- 4	STD-COM-029	MARKING, HOIST	2	
- 5	STD-COM-028	MARKING, MOOR	2	
- 6	STD-COM-085	MARKING, JUNCTION BOX WARNING	2	
- 7	STD-COM-023	MARKING, DISCONNECT WIRING BEFORE REMOVING WING TIP	2	
- 8	C47-006-008	MARKING, TIP LIGHT ACCESS	2	
- 9	C47-006-007	MARKING, AILERON OUTER BELLCRANK	2	
- 10	C47-006-006	MARKING, AILERON TAB DRUM ACCESS	2	
- 11	C47-006-005	MARKING, AILERON INNER BELLCRANK	2	
- 12	C47-006-002	MARKING, AILERON CABLE INSPECTION	2	
- 13	C47-006-001	MARKING, AILERON TURNBUCKLE ACCESS	2	

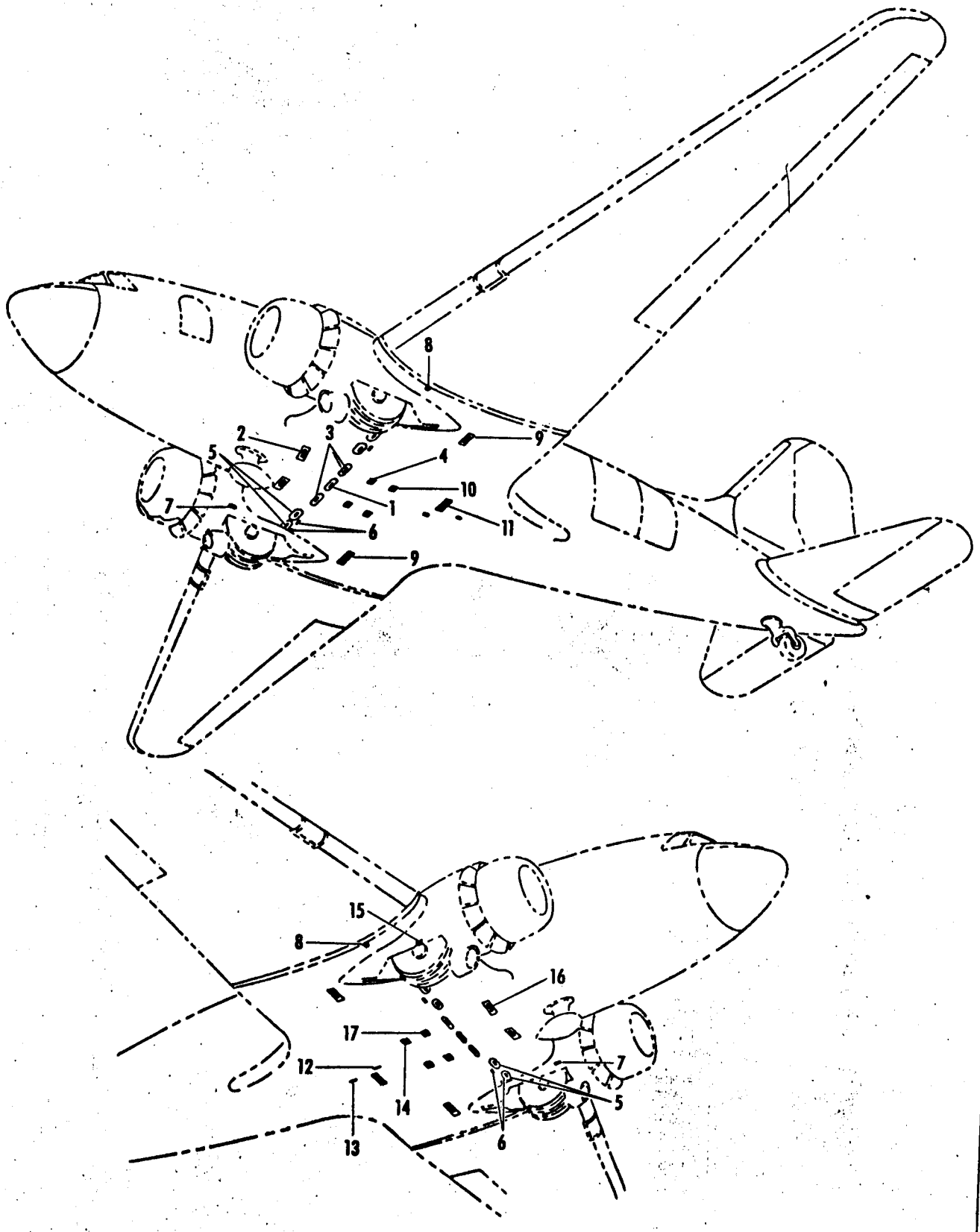


Figure 251. Center Wing Lower Markings

V4-21

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
251		CENTER WING LOWER MARKINGS		
- 1	C47-006-014	MARKING, FUEL LINE ACCESS	1	
- 2	C47-006-016	MARKING, BOOSTER PUMP	1	A
	C47-006-010	MARKING, WOBBLE PUMP	1	B
- 3	C47-006-025	MARKING, SELECTOR VALVE ACCESS	2	
- 4	C47-006-024	MARKING, LEFT HAND MAIN FUEL DRAIN (LEFT SIDE ONLY)	1	
- 5	C47-006-011	MARKING, ENGINE CONTROLS	4	
	C47-006-017	MARKING, BRITISH BATTERY ADAPTER	1	
- 6	STD-COM-025	MARKING, LEVEL HERE	4	
- 7	C47-006-018	MARKING, FUEL STRAINER	2	
- 8	STD-COM-017	MARKING, JACK POINT	2	
- 9	C47-006-009	MARKING, AILERON CABLE AND PULLEY ACCESS	2	
- 10	C47-006-023	MARKING, LEFT HAND AUXILIARY FUEL DRAIN (LEFT SIDE ONLY)	1	
- 11	C47-006-026	MARKING, HYDRO LINE ACCESS (LEFT SIDE ONLY)	1	
- 12	C47-006-022	MARKING, BELLCRANK INSPECTION	1	
- 13	C47-006-021	MARKING, FLAP STRUT ACCESS	1	
- 14	C47-006-020	MARKING, RIGHT HAND AUXILIARY FUEL TANK DOOR (RIGHT SIDE ONLY)	1	
- 15	STD-COM-051	MARKING, TIRE PRESSURE T.O.	1	
- 16	C47-006-013	MARKING, DE-ICER UNIT	1	
	C47-006-012	MARKING, DE-ICER DRAIN	1	
- 17	C47-006-019	MARKING, RIGHT HAND MAIN FUEL TANK DOOR (RIGHT SIDE ONLY)	1	
		A 093 THRU 145, 149 THRU 177 AND 179 THRU 554		
		B 001 THRU 092, 146 THRU 148, 178 AND 555 THRU 558		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

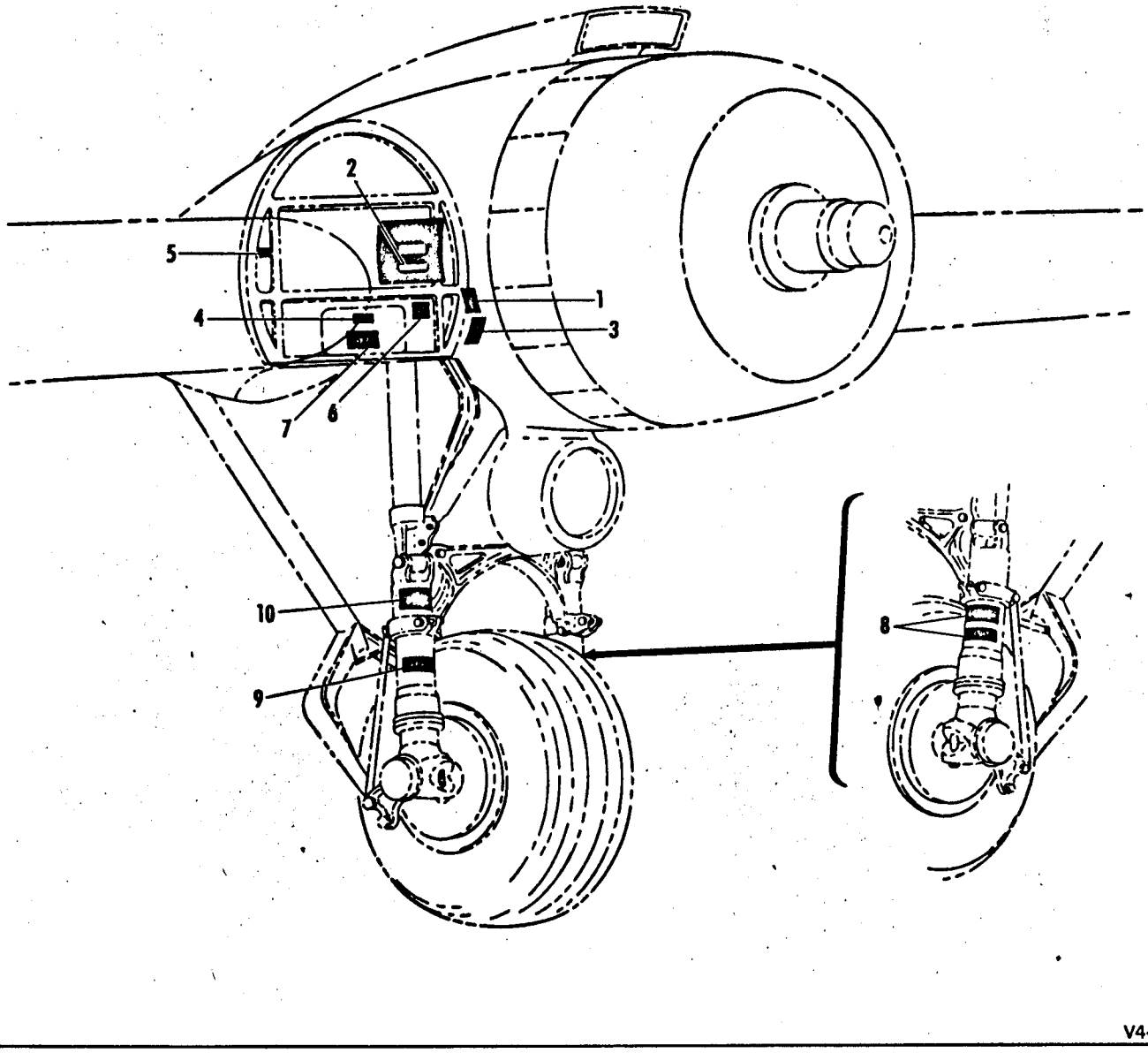


Figure 252. Main Landing Gear and Wheel Well Markings, LH and RH

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
252		MAIN LANDING GEAR AND WHEEL WELL MARKINGS, LH AND RH		
- 1	C47-008-006	MARKING, DANGER IGNITION PLUG	2	
- 2	C47-008-005	MARKING, LANDING LIGHT RELAY	2	
- 3	C47-008-004	MARKING, LANDING LIGHT JUNCTION BOX	2	
	STD-COM-085	MARKING, JUNCTION BOX WARNING	2	
- 4	C47-008-003	MARKING, GENERATOR AND STARTER	2	
- 5	C47-008-002	MARKING, IGNITION LEFT (LEFT NACELLE ONLY)	1	
	C47-008-001	MARKING, IGNITION RIGHT (RIGHT NACELLE ONLY)	1	
- 6	STD-COM-041	MARKING, COLOR CODE	2	
- 7	STD-COM-086	MARKING, JUNCTION BOX WARNING	2	
- 8	STD-COM-027	MARKING, MIL-P-5517-PACKING INSTALLED	2	
- 9	C47-008-007	MARKING, STRUT SERVICE INSTRUCTIONS	2	
- 10	STD-COM-026	MARKING, USE FLUID SPEC MIL-H-5606	2	

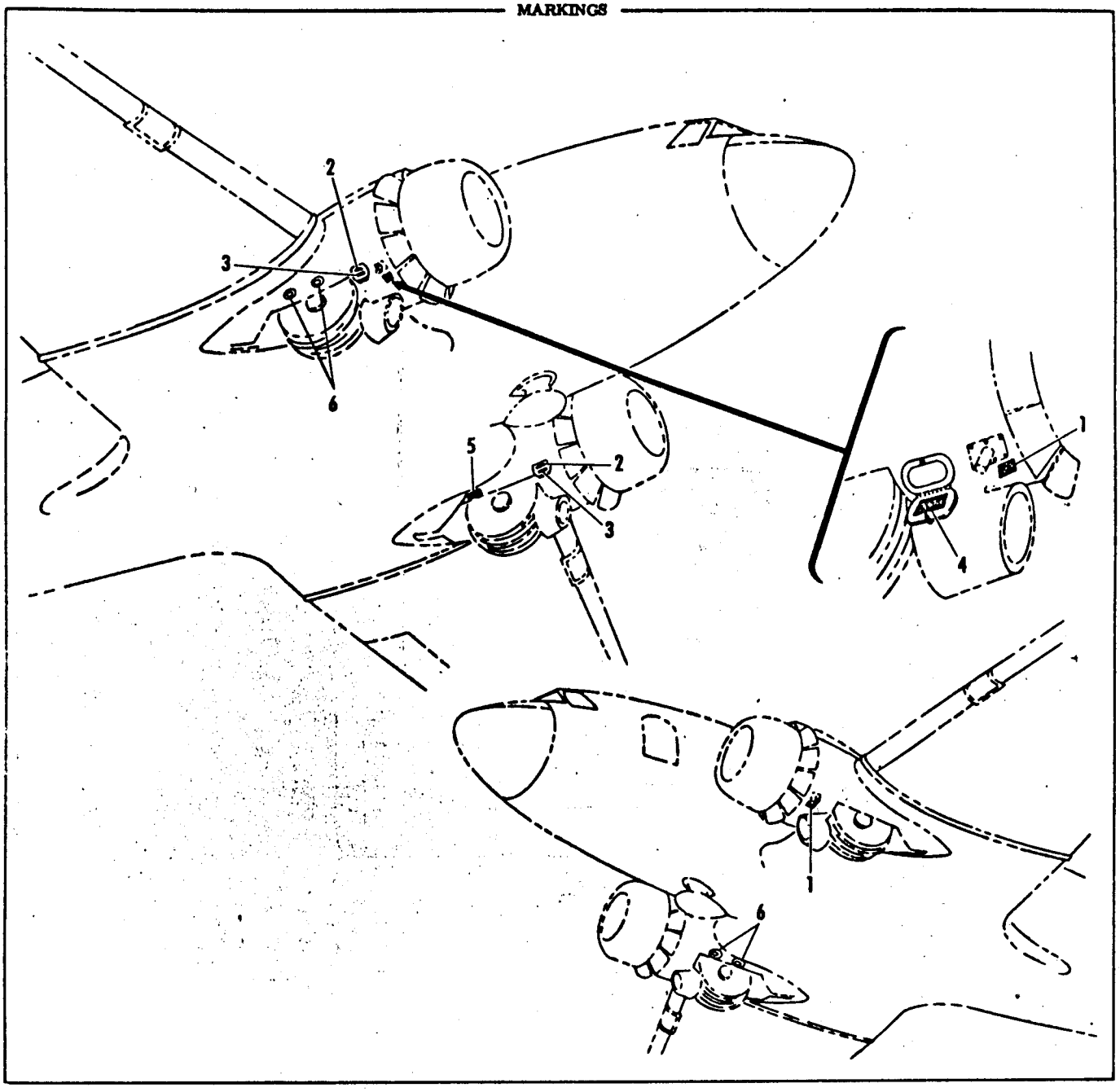


Figure 253. Nacelle Markings, LH and RH

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION (1 2 3 4 5 6 7)	U/A	USE CODE
253		NACELLE MARKINGS, LH AND RH		
- 1	C47-006-030	MARKING, CO2 EXTERNAL CONNECTION (INBOARD RIGHT AND LEFT NACELLES)	2	
- 2	C47-006-027	MARKING, GROUND HEATER ACCESS (OUTBOARD RIGHT NACELLE AND INBOARD LEFT NACELLE)	2	
- 3	C47-006-028	MARKING, STARTER RELEASE (OUTBOARD RIGHT NACELLE AND INBOARD LEFT NACELLE) (ON AIRCRAFT WITH STARTER RELEASE MECHANISM INSTALLED)	2	
- 4	C47-006-029	MARKING, PULL BRUSHES OFF COMMUTATOR (OUTBOARD RIGHT NACELLE AND INBOARD LEFT NACELLE) (ON AIRCRAFT WITH STARTER RELEASE MECHANISM INSTALLED)	2	
- 5	C47-006-018	MARKING, FUEL STRAINER (INBOARD RIGHT AND LEFT NACELLES)	2	
- 6	68840894	MARKING, GROUND HERE (INBOARD RIGHT AND LEFT NACELLE)	4	

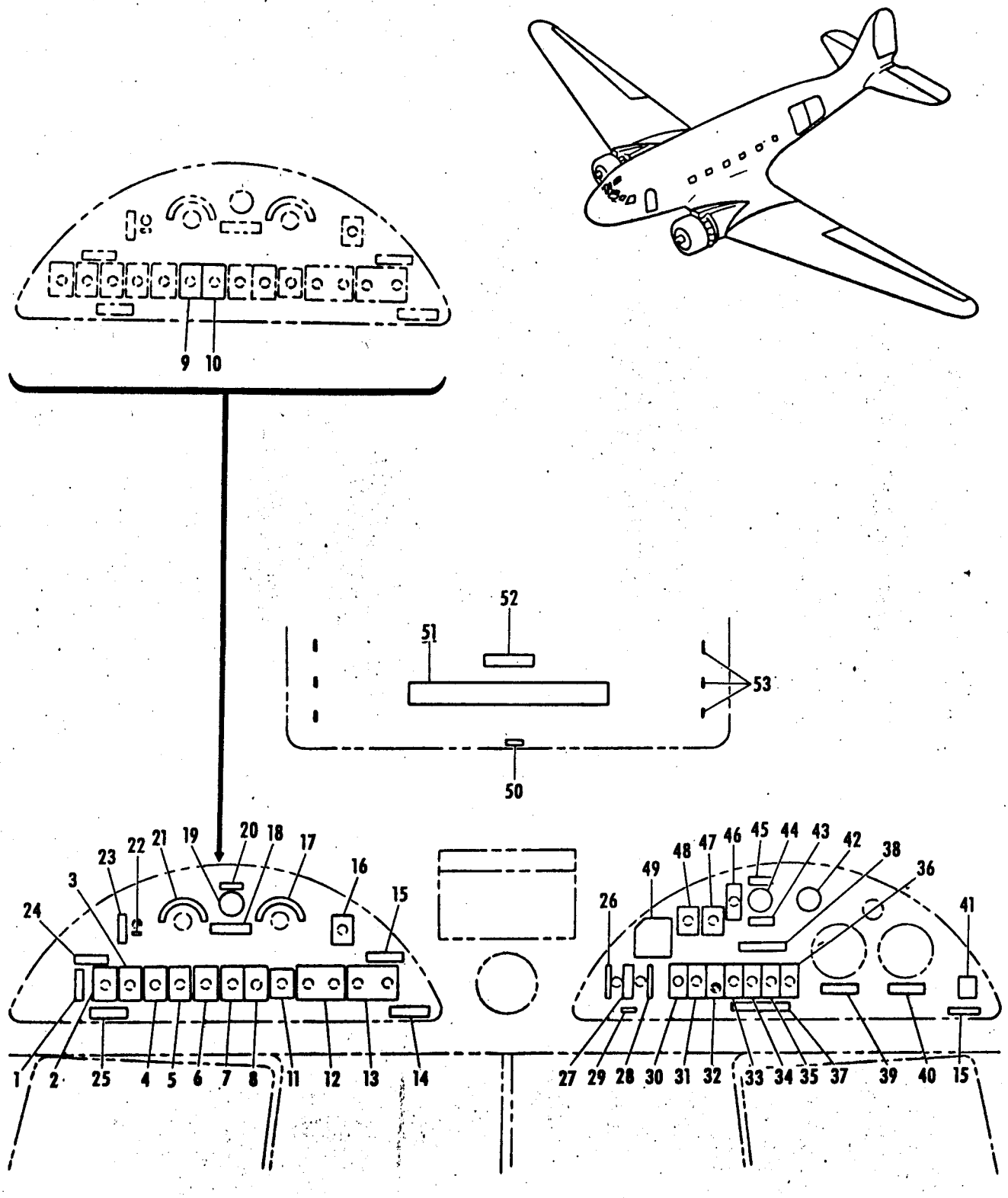


Figure 254. Cockpit Overhead Panel Markings

V4-3

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
254	*	COCKPIT OVERHEAD PANEL MARKINGS	1	
- 1	C47-050-009	MARKING, PARACHUTE PACK SALVO	1	
- 2	C47-050-010	MARKING, CAUTION JUMP	1	
- 3	C47-050-011	MARKING, BATTERY MASTER	1	
- 4	C47-050-012	MARKING, PASSING LIGHT	1	
- 5	C47-050-013	MARKING, LANDING LIGHT LEFT	1	
- 6	C47-050-014	MARKING, LANDING LIGHT RIGHT	1	
- 7	C47-050-016	MARKING, WING POSITION LEFT	1	
- 8	C47-050-017	MARKING, TAIL POSITION LEFT	1	
- 9	C47-050-018	MARKING, BRIGHT, DIM, RUNNING, LIGHTS	1	
- 10	C47-050-019	MARKING, FULL ON, FLASHER OFF, MOM.	1	
- 11	C47-050-020	MARKING, WINDSHIELD DE-ICER	1	
- 12	C47-050-021	MARKING, FORWARD PITOT HEAT-AFT PITOT HEAT	1	
- 13	C47-050-022	MARKING, OIL DILUTION-ENGINE PRIMER	1	
- 14	C47-050-050	MARKING, OIL DILUTION ANTICIPATED OAT	2	
- 15	STD-COM-102	MARKING, JUNCTION BOX WARNING	1	
- 16	C47-050-008	MARKING, PROPELLER DE-ICER	1	
- 17	C47-050-007	MARKING, PANEL LIGHTS	1	
- 18	C47-050-006	MARKING, PROPELLER FEATHER LEFT	1	
- 19	C47-050-005	MARKING, 1 (NUMERAL)	1	
- 20	C47-050-004	MARKING, PROPELLER FEATHER NOT FUSED	1	
- 21	C47-050-003	MARKING, COMPASS LIGHT	1	
- 22	C47-050-002	MARKING, RED TAIL LIGHT	1	
- 23	C47-050-001	MARKING, BAIL OUT	1	
- 24	STD-COM-046	MARKING, APU EXHAUST	1	
- 25	C47-050-015	MARKING, SWITCH OFF BATTERY CART	1	
- 26	C47-050-034	MARKING, ENERGIZE STARTERS (INSTALLED ON AIRCRAFT WITHOUT DIRECT CRANKING STARTERS)	1	
- 27	C47-050-035	MARKING, LEFT AND RIGHT STARTER	1	
- 28	C47-050-037	MARKING, MESH (INSTALLED ON AIRCRAFT WITHOUT DIRECT CRANKING STARTERS)	1	
- 29	C47-050-036	MARKING, DIRECT CRANK STARTER (INSTALLED ON AIRCRAFT WITH DIRECT CRANKING STARTERS)	1	
- 30	C47-050-038	MARKING, BOOSTER PUMP LEFT	1	
- 31	C47-050-039	MARKING, BOOSTER PUMP RIGHT	1	
- 32	C47-050-040	MARKING, KEYING SWITCH	1	
- 33	C47-050-041	MARKING, WHITE	1	
- 34	C47-050-042	MARKING, RED	1	
- 35	C47-050-043	MARKING, GREEN	1	
- 36	C47-050-044	MARKING, AMBER	1	
- 37	C47-050-045	MARKING, MAXIMUM TIME 10 SECONDS	1	
- 38	C47-050-046	MARKING, RECOGNITION LIGHT DISCONNECTED	1	
- 39	C47-050-047	MARKING, LEFT GENERATOR	1	
- 40	C47-050-048	MARKING, RIGHT GENERATOR	1	
- 41	C47-050-049	MARKING, THIS AIRPLANE WIRED, ET CETERA	1	
- 42	C47-050-030	MARKING, FORMATION LIGHTS	1	
- 43	C47-050-029	MARKING, PROPELLER FEATHER RIGHT	1	
- 44	C47-050-028	MARKING, 2 (NUMERAL)	1	
- 45	C47-050-027	MARKING, FEATHER MOTOR NOT FUSED	1	
- 46	C47-050-026	MARKING, CARBURETOR DE-ICER	1	
- 47	C47-050-025	MARKING, INVERTER	1	
- 48	C47-050-024	MARKING, COCKPIT LIGHTS	1	
- 49	C47-050-023	MARKING, ELECTRICAL OPERATION (INSTALLED ON AIRCRAFT WITHOUT DIRECT CRANKING STARTERS)	1	
- 50	C47-050-052	MARKING, ESCAPE PANEL RELEASE	1	
- 51	STD-COM-104	MARKING, EMERGENCY EXIT	1	
- 52	STD-COM-103	MARKING, CUT HERE FOR EMERGENCY EXIT	1	
- 53	STD-COM-154	MARKING, HASH MARKS		
		* THIS PARTS LIST APPLIES TO AIRCRAFT WITHOUT T.O. 1C-1-38, T.O. 1C-47-38, OR T.O. 1C-47-503 COMPLIANCE		

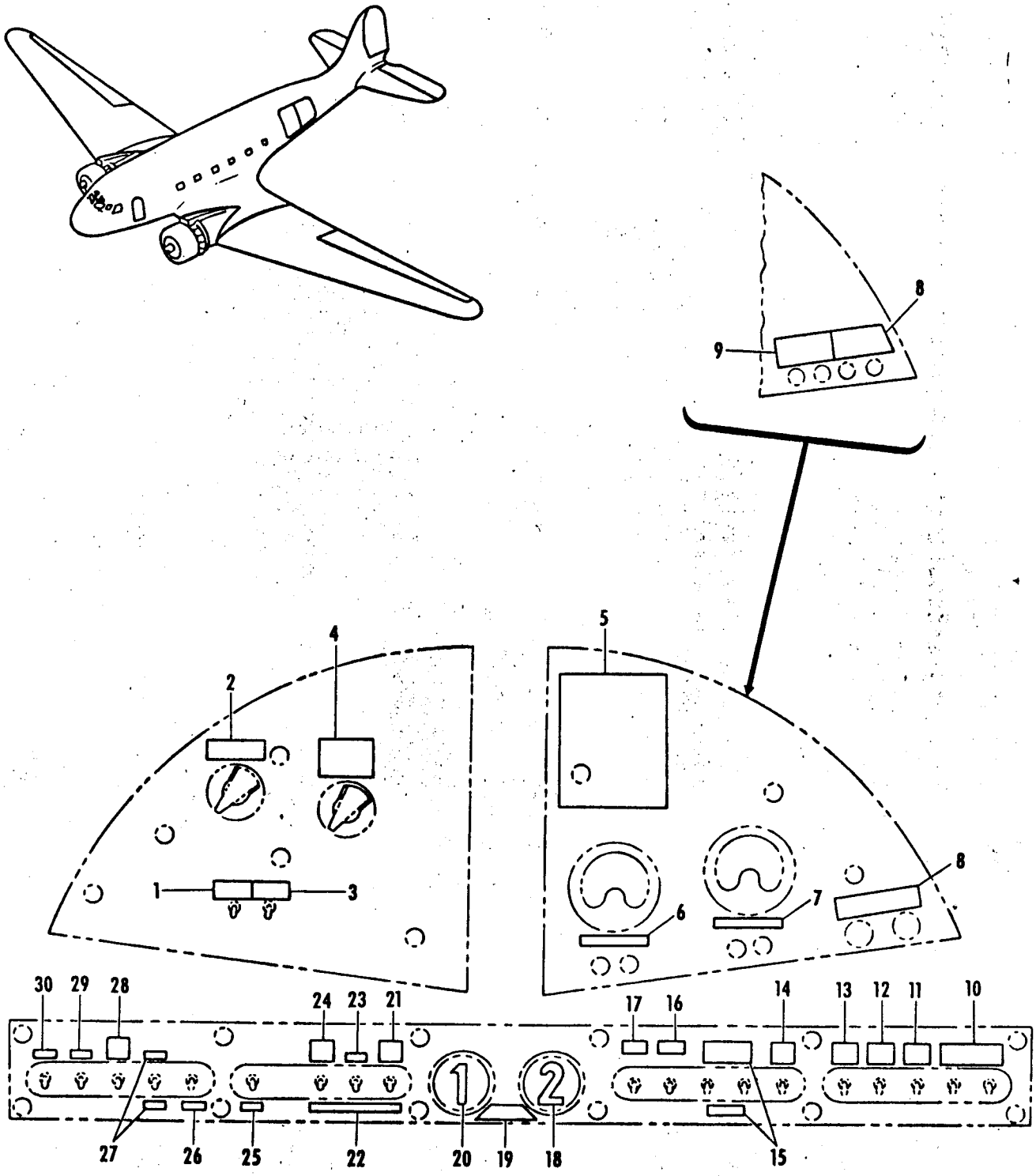


Figure 255. Cockpit Overhead Panel Markings

V4-4

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
255		* COCKPIT OVERHEAD PANEL MARKINGS	1	
- 1	C47-050-018	MARKING, BRIGHT, DIM, RUNNING, LIGHTS	1	
- 2	C47-050-003	MARKING, COMPASS LIGHT	1	
- 3	C47-050-019	MARKING, PULL ON, FLASHER OFF, MOM.	1	
- 4	C47-050-007	MARKING, PANEL LIGHTS	1	
- 5	C47-050-023	MARKING, ELECTRICAL OPERATION (INSTALLED ON AIRCRAFT WITHOUT DIRECT CRANKING STARTERS)	1	
- 6	C47-050-047	MARKING, LEFT GENERATOR	1	
- 7	C47-050-048	MARKING, RIGHT GENERATOR	1	
- 8	C47-050-051	MARKING, GENERATOR WARNING	1	
- 9	NO NUMBER	MARKING, INVERTER WARNING	1	
- 10	C47-050-021	MARKING, FORWARD PITOT HEAT-AFT PITOT HEAT	1	
- 11	C47-050-008	MARKING, PROPELLER DE-ICER	1	
- 12	C47-050-020	MARKING, WINDSHIELD DE-ICER	1	
- 13	C47-050-039	MARKING, BOOSTER PUMP RIGHT	1	
- 14	C47-050-038	MARKING, BOOSTER PUMP LEFT	1	
- 15	C47-050-022	MARKING, OIL DILUTION-ENGINE PRIMER	1	
- 16	C47-050-037	MARKING, MESH (INSTALLED ON AIRCRAFT WITHOUT DIRECT CRANKING STARTERS)	1	
- 17	C47-050-034	MARKING, ENERGIZE STARTERS (INSTALLED ON AIRCRAFT WITHOUT DIRECT CRANKING STARTERS)	1	
- 18	C47-050-028	MARKING, 2 (NUMERAL)	1	
- 19	C47-050-027	MARKING, FEATHER MOTOR NOT FUSED	1	
- 20	C47-050-005	MARKING, 1 (NUMERAL)	1	
- 21	C47-050-011	MARKING, BATTERY MASTER	1	
- 22	C47-050-015	MARKING, SWITCH OFF BATTERY CART	1	
- 23	C47-050-025	MARKING, INVERTER	1	
- 24	C47-050-024	MARKING, COCKPIT LIGHTS	1	
- 25	C47-050-009	MARKING, PARACHUTE PACK SALVO	1	
- 26	C47-050-001	MARKING, BAIL OUT	1	
- 27	C47-050-010	MARKING, CAUTION JUMP	1	
- 28	C47-050-012	MARKING, PASSING LIGHT	1	
- 29	C47-050-014	MARKING, LANDING LIGHT RIGHT	1	
- 30	C47-050-013	MARKING, LANDING LIGHT LEFT	1	
		* THIS PARTS LIST APPLIES TO AIRCRAFT WITH T.O. 1C-1-38, T.O. 1C-47-38, OR T.O. 1C-47-503 COMPLIANCE.		

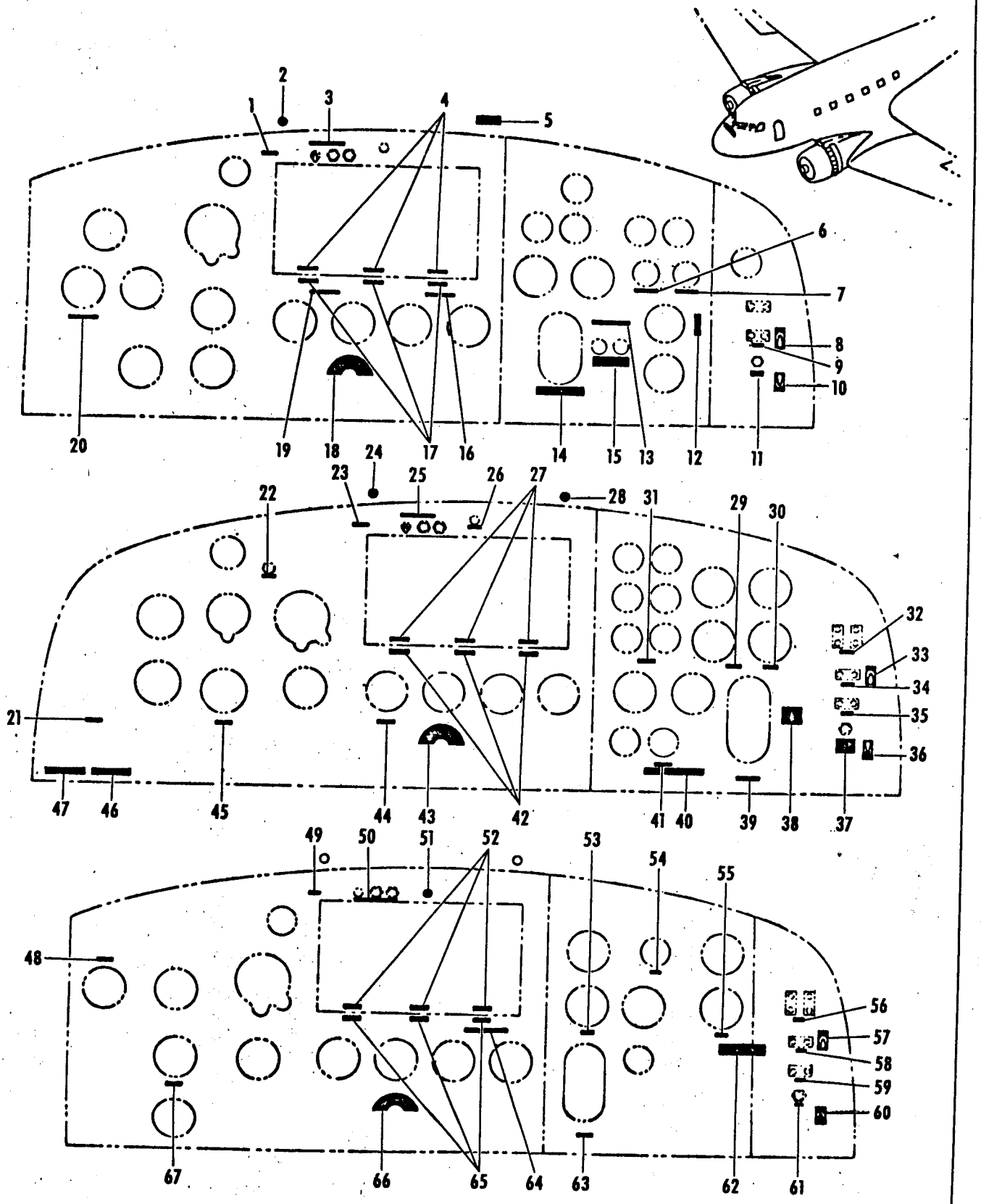
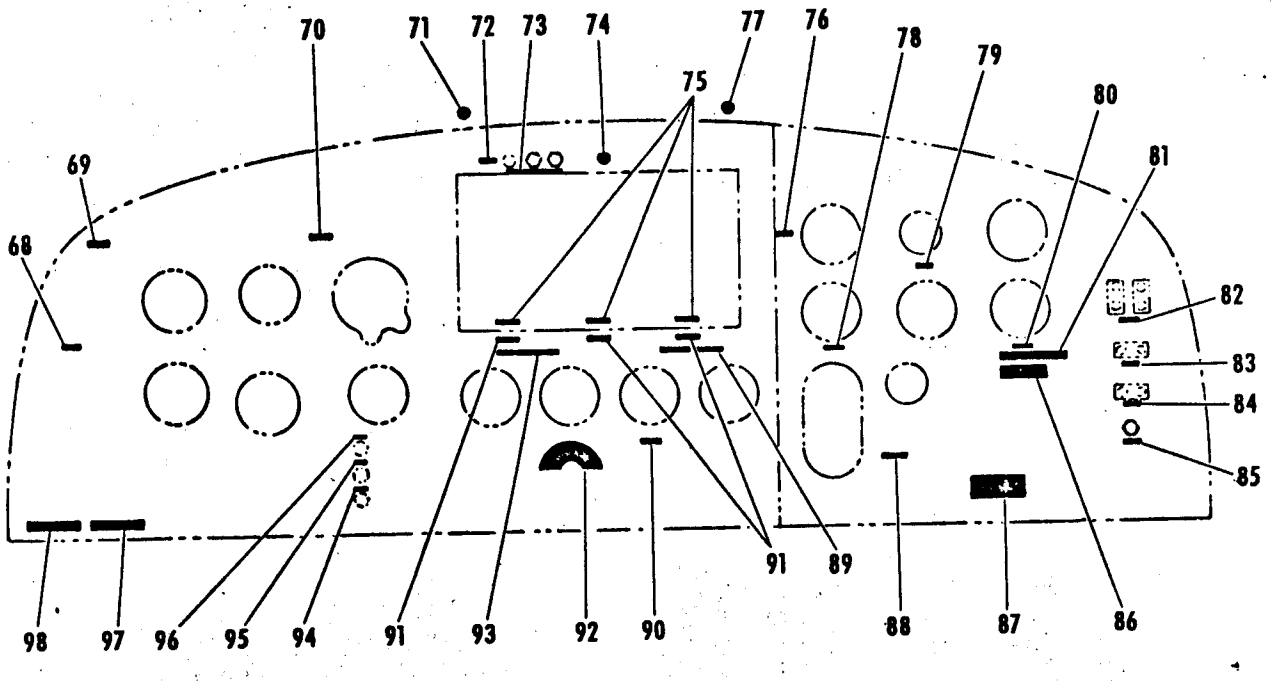


Figure 256. Instrument Panel Markings (Sheet 1 of 2)

V4-14



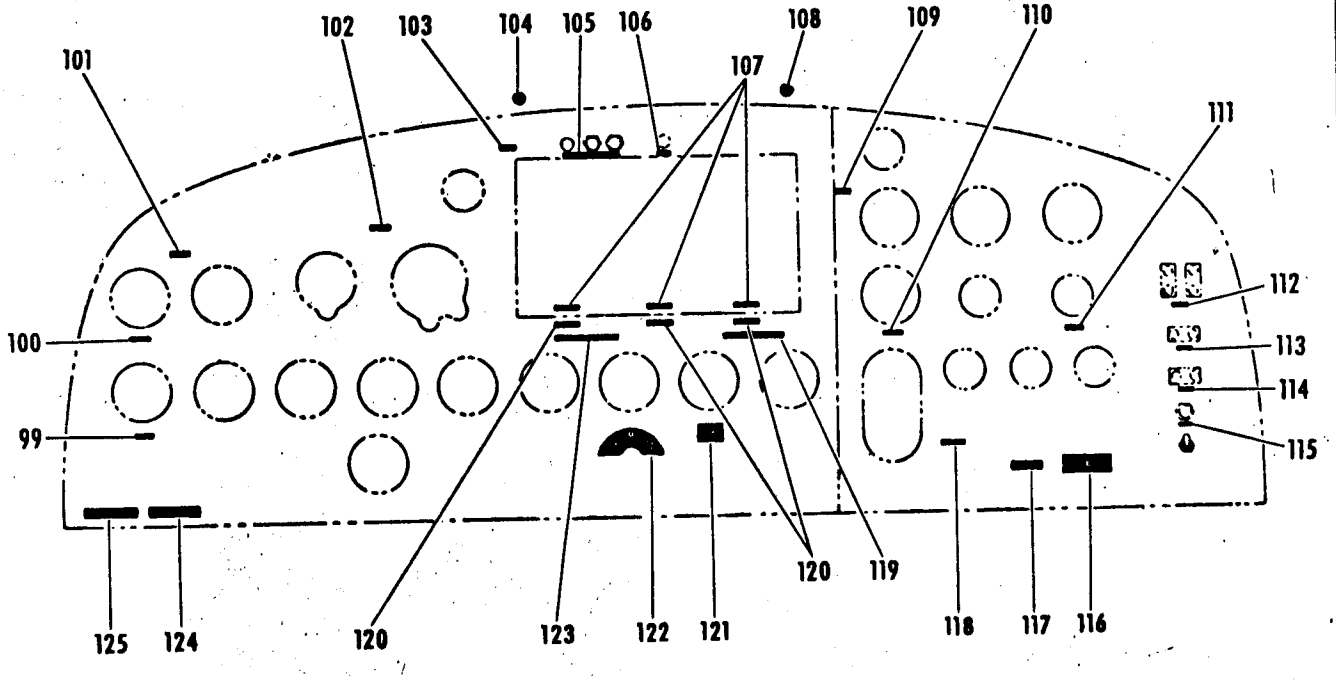


Figure 256. Instrument Panel Markings (Sheet 2 of 2)

V4-23

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
256		INSTRUMENT PANEL MARKINGS		
- 1	1189512	PLATE, RADIO CALL		
- 2	C47-051-011	MARKING, WINDSHIELD WIPER, DO NOT OPERATE ON DRY GLASS	1	A
- 3	C47-051-024	MARKING, FIRE DETECTOR LIGHTS AND TEST SWITCH	1	A
- 4	STD-COM-137	MARKING, SENSITIVITY INCREASE	1	A
- 5	C47-051-013	MARKING, WINDSHIELD ALCOHOL	3	A
- 6	STD-COM-139	MARKING, FREE AIR TEMPERATURE	1	A
- 7	STD-COM-138	MARKING, OIL TEMPERATURE	1	A
- 8	C47-051-029	MARKING, FLUORESCENT LIGHT	1	A
- 9	C47-051-031	MARKING, WHEELS LOCKED DOWN-VALVE IN NEUTRAL	1	A
- 10	C47-051-028	MARKING, LANDING LIGHTS	1	A
- 11	C47-051-030	MARKING, DOOR OPEN	1	A
- 12	STD-COM-148	MARKING, CARBURETOR TEMPERATURE	1	A
- 13	C47-051-019	MARKING, SERVICE THIS AIRCRAFT	1	A
- 14	C47-051-020	MARKING, CARBURETOR RETURN VENT	1	A
- 15	C47-051-025	MARKING, NOTICE HEAT RISE	1	A
- 16	C47-051-016	MARKING, CAUTION-BANK AND CLIMB INSTRUMENT (NOT TO BE USED AS FLIGHT INSTRUMENT)	1	A
- 17	STD-COM-149	MARKING, SPEED VALVES		
- 18	C47-051-015	MARKING, MANIFOLD PRESSURE, BLEED VALVE	3	A
- 19	C47-051-014	MARKING, AVOID CONTINUOUS OPERATION	1	A
- 20	STD-COM-133	MARKING, VAC	1	A
- 21	C47-051-006	MARKING, REMOTE COMPASS	1	A
- 22	C47-051-007	MARKING, MARKER BEACON	1	B
- 23	1189512	PLATE, RADIO CALL	1	B
- 24	C47-051-011	MARKING, WINDSHIELD WIPER, DO NOT OPERATE ON DRY GLASS	1	B
- 25	C47-051-024	MARKING, FIRE DETECTOR LIGHTS AND TEST SWITCH	1	B
- 26	C47-051-012	MARKING, SPARE COMPASS LIGHT	1	B
- 27	STD-COM-137	MARKING, SENSITIVITY INCREASE	1	B
- 28	C47-051-013	MARKING, WINDSHIELD ALCOHOL	3	B
- 29	STD-COM-139	MARKING, FREE AIR TEMPERATURE	1	B
- 30	STD-COM-148	MARKING, CARBURETOR TEMPERATURE	1	B
- 31	STD-COM-138	MARKING, OIL TEMPERATURE	1	B
- 32	C47-051-034	MARKING, LEFT AND RIGHT HEAT WARNING	1	B
- 33	C47-051-029	MARKING, FLUORESCENT LIGHT	1	B
- 34	C47-051-032	MARKING, WHEELS UP OR DOWN-VALVE NOT IN NEUTRAL	1	B
- 35	C47-051-031	MARKING, WHEELS LOCKED DOWN-VALVE IN NEUTRAL	1	B
- 36	S5165055-2273	DECAL, WARNING LIGHTS DIM-BRIGHT	1	B
- 37	C47-051-030	MARKING, DOOR OPEN	1	B
- 38	C47-051-027	MARKING, HEADSET ADAPTERS	1	B
- 39	C47-051-019	MARKING, SERVICE THIS AIRCRAFT	1	B
- 40	C47-051-020	MARKING, CARBURETOR RETURN VENT	1	B
- 41	S5165666-483	DECAL, AUTOPILOT OIL PRESSURE	1	B
- 42	STD-COM-149	MARKING, SPEED VALVES	1	B
- 43	C47-051-015	MARKING, MANIFOLD PRESSURE, BLEED VALVE	3	B
- 44	S5165666-592	DECAL, PILOTS COMPASS	1	B
- 45	STD-COM-133	MARKING, VAC	1	B
- 46	C47-051-004	MARKING, SINGLE ENGINE ABSOLUTE CEILING	1	B
- 47	C47-051-003	MARKING, SINGLE ENGINE USABLE CEILING	1	B
- 48	C47-051-007	MARKING, MARKER BEACON	1	B
- 49	0153316-16	PLATE, RADIO CALL	1	C
- 50	C47-051-024	MARKING, FIRE DETECTOR LIGHTS AND TEST SWITCH	1	C
- 51	C47-051-012	MARKING, SPARE COMPASS LIGHT	1	C
- 52	STD-COM-137	MARKING, SENSITIVITY INCREASE	1	C
- 53	STD-COM-138	MARKING, OIL TEMPERATURE	3	C
- 54	STD-COM-139	MARKING, FREE AIR TEMPERATURE	1	C
- 55	STD-COM-148	MARKING, CARBURETOR TEMPERATURE	1	C
- 56	C47-051-034	MARKING, LEFT AND RIGHT HEAT WARNING	1	C
- 57	C47-051-029	MARKING, FLUORESCENT LIGHT	1	C
- 58	C47-051-032	MARKING, WHEELS UP OR DOWN-VALVE NOT IN NEUTRAL	1	C
- 59	C47-051-031	MARKING, WHEELS LOCKED DOWN-VALVE IN NEUTRAL	1	C
- 60	S5165055-2273	DECAL, WARNING LIGHTS DIM-BRIGHT	1	C
- 61	C47-051-030	MARKING, DOOR OPEN	1	C
- 62	1205319	DECAL, TWO SPEED BLOWER WARNING	1	C
- 63	C47-051-019	MARKING, SERVICE THIS AIRCRAFT	1	C
- 64	C47-051-016	MARKING, CAUTION-BANK AND CLIMB INSTRUMENT (NOT TO BE USED AS FLIGHT INSTRUMENT)	1	C
- 65	STD-COM-149	MARKING, SPEED VALVES		
- 66	C47-051-015	MARKING, MANIFOLD PRESSURE, BLEED VALVE	3	C
- 67	STD-COM-133	MARKING, VAC	1	C
- 68	C47-051-006	MARKING, REMOTE COMPASS	1	C
- 69	C47-051-001	MARKING, FLAP WARNING, MILES PER HOUR	1	D
		(ALTERNATE C47-051-001A)		
	C47-051-001A	MARKING, FLAP WARNING, KNOTS		
- 70	C47-051-007	MARKING, MARKER BEACON	1	D
- 71	C47-051-011	MARKING, WINDSHIELD WIPER, DO NOT OPERATE ON DRY GLASS	1	D
- 72	1189512	PLATE, RADIO CALL	1	D
- 73	C47-051-024	MARKING, FIRE DETECTOR LIGHTS AND TEST SWITCH	1	D
- 74	C47-051-012	MARKING, SPARE COMPASS LIGHT	1	D
- 75	STD-COM-137	MARKING, SENSITIVITY INCREASE	1	D
- 76	S5165666-592	DECAL, PILOTS COMPASS	1	D
- 77	C47-051-013	MARKING, WINDSHIELD ALCOHOL	1	D
- 78	STD-COM-138	MARKING, OIL TEMPERATURE	1	D
- 79	STD-COM-139	MARKING, FREE AIR TEMPERATURE	1	D
- 80	STD-COM-148	MARKING, CARBURETOR TEMPERATURE	1	D
- 81	1209950	DECAL, CARBURETOR HOT AIR	1	D
- 82	C47-051-034	MARKING, LEFT AND RIGHT HEAT WARNING	1	D

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
256 - 83	C47-051-032	MARKING, WHEELS UP OR DOWN-VALVE NOT IN NEUTRAL	1	D
- 84	C47-051-031	MARKING, WHEELS LOCKED DOWN-VALVE IN NEUTRAL	1	D
- 85	C47-051-030	MARKING, DOOR OPEN	1	D
- 86	1205319	DECAL, TWO SPEED BLOWER WARNING	1	D
- 87	C47-051-027	MARKING, HEADSET ADAPTERS	1	D
- 88	C47-051-019	MARKING, SERVICE THIS AIRCRAFT	1	D
- 89	C47-051-016	MARKING, CAUTION-BANK AND CLIMB INSTRUMENT (NOT TO BE USED AS FLIGHT INSTRUMENT)	1	D
- 90	2208005	DECAL, WARNING DO NOT MOVE THROTTLE LEVER	3	D
- 91	STD-COM-149	MARKING, SPEED VALVES	1	D
- 92	C47-051-015	MARKING, MANIFOLD PRESSURE, BLEED VALVE	1	D
- 93	1189504	DECAL, WARNING PLACE CARBURETOR AIR CONTROLS IN RAM POSITION	1	D
- 94	C47-051-010	MARKING, LOW	1	D
- 95	C47-051-009	MARKING, LIMIT INDICATOR	1	D
- 96	C47-051-008	MARKING, HIGH	1	D
- 97	C47-051-004	MARKING, SINGLE ENGINE ABSOLUTE CEILING	1	D
- 98	C47-051-003	MARKING, SINGLE ENGINE USABLE CEILING	1	E
- 99	STD-COM-133	MARKING, VAC	1	E
-100	C47-051-006	MARKING, REMOTE COMPASS	1	E
-101	C47-051-001	MARKING, FLAP WARNING, MILES PER HOUR (ALTERNATE C47-051-001A)	1	E
	C47-051-001A	MARKING, FLAP WARNING, KNOTS	1	E
-102	C47-051-007	MARKING, MARKER BEACON	1	E
-103	1189512	PLATE, RADIO CALL	1	E
-104	C47-051-011	MARKING, WINDSHIELD WIPER, DO NOT OPERATE ON DRY GLASS	1	E
-105	C47-051-024	MARKING, FIRE DETECTOR LIGHTS AND TEST SWITCH	1	E
-106	C47-051-212	MARKING, SPARE COMPASS LIGHT	3	E
-107	STD-COM-137	MARKING, SENSITIVITY INCREASE	1	E
-108	C47-051-013	MARKING, WINDSHIELD ALCOHOL	1	E
-109	S5165666-592	DECAL, PILOTS COMPASS	1	E
-110	STD-COM-138	MARKING, OIL TEMPERATURE	1	E
-111	STD-COM-148	MARKING, CARBURETOR TEMPERATURE	1	E
-112	C47-051-034	MARKING, LEFT AND RIGHT HEAT WARNING	1	E
-113	C47-051-032	MARKING, WHEELS UP OR DOWN-VALVE NOT IN NEUTRAL	1	E
-114	C47-051-031	MARKING, WHEELS LOCKED DOWN-VALVE IN NEUTRAL	1	E
-115	C47-051-030	MARKING, DOOR OPEN	1	E
-116	1205319	DECAL, TWO SPEED BLOWER WARNING	1	E
-117	C47-051-027	MARKING, HEADSET ADAPTERS	1	E
-118	C47-051-019	MARKING, SERVICE THIS AIRCRAFT	1	E
-119	C47-051-016	MARKING, CAUTION-BANK AND CLIMB INSTRUMENT (NOT TO BE USED AS FLIGHT INSTRUMENT)	3	E
-120	STD-COM-149	MARKING, SPEED VALVES	1	E
-121	2208005	DECAL, WARNING DO NOT MOVE THROTTLE LEVER	1	E
-122	C47-051-015	MARKING, MANIFOLD PRESSURE, BLEED VALVE	1	E
-123	1189504	DECAL, WARNING PLACE CARBURETOR AIR CONTROLS IN RAM POSITION	1	E
-124	C47-051-004	MARKING, SINGLE ENGINE ABSOLUTE CEILING	1	E
-125	C47-051-003	MARKING, SINGLE ENGINE USABLE CEILING		
		A 001 THRU 045, 146 THRU 148, 555 AND 558		
		B 046 THRU 056		
		C 057 THRU 108 AND 178		
		D 542 THRU 554		
		E 109 THRU 145, 149 THRU 177 AND 179 THRU 541		
		SEE PAGE 1-4 FOR MASTER AIR PLANE SERIAL NUMBER LISTING		

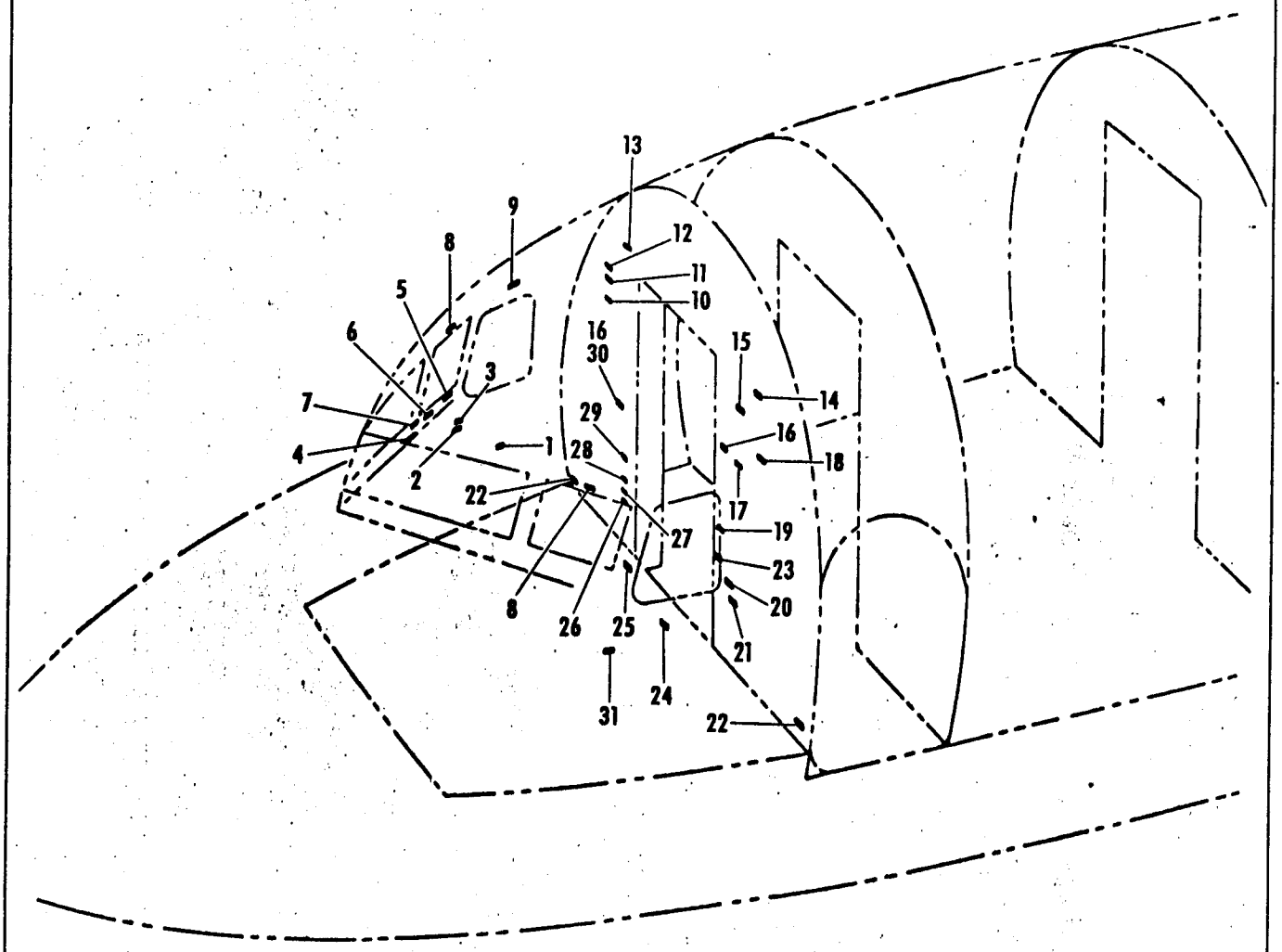


Figure 257. Cockpit Markings

V4-5

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
257		COCKPIT MARKINGS	2	
- 1	STD-COM-124	MARKING, FLIGHT RECORD HOLDER	1	
- 2	C47-052-024	MARKING, CO-PILOTS SIDE WINDOW ALCOHOL VALVE	1	
- 3	C47-052-008	MARKING, ON-OFF (DE-ICER VALVE)	1	
- 4	C47-052-009	MARKING, HIGH BLOWER INOPERATIVE	1	
- 5	C47-052-025	MARKING, SIDE WINDOWS ALCOHOL HAND PUMP	1	
- 6	60B92049	MARKING, TO RAISE AND LOWER GEAR	1	
- 7	C47-052-021	MARKING, GEAR AND SYSTEM HYDRAULIC PRESSURE	2	
- 8	C47-052-007	MARKING, CAUTION-SLIDING WINDOW	1	
- 9	C47-052-020	MARKING, SPARE LAMPS	2	
- 10	STD-COM-102	MARKING, JUNCTION BOX WARNING	1	
- 11	C47-052-019	MARKING, CO-PILOTS RADIO JUNCTION BOX	1	
- 12	C47-052-018	MARKING, LIAISON POWER	1	
- 13	C47-052-017	MARKING, GLIDER RELEASE	1	
- 14	STD-COM-106	MARKING, FIRE EXTINGUISHER	1	
- 15	STD-COM-111	MARKING, RED CROSS	2	
- 16	STD-COM-113	MARKING, PORTABLE OXYGEN RECHARGER	1	
- 17	C47-052-011	MARKING, OXYGEN DURATION	1	
- 18	C47-052-001	MARKING, FUEL FLOW DIAG. (WOBBLE PUMP OR BOOSTER)	1	
- 19	C47-052-002	MARKING, INCREASE AND DECREASE FLOW (PROP ANTI-ICER)	1	
- 20	C47-052-003	MARKING, PROPELLER ANTI-ICER TANK CAPACITY	1	
- 21	C47-052-004	MARKING, USE SPECIFICATION MIL-F-5566	2	
- 22	STD-COM-114	MARKING, PORTABLE OXYGEN STOWAGE	1	
- 23	C47-052-005	MARKING, WOBBLE PUMP	1	
- 24	C47-052-010	MARKING, NO FIRE EXTINGUISHER INSTALLED	1	
- 25	C47-052-006	MARKING, DOWN LOCK	1	
- 26	C47-052-015	MARKING, HOT	1	
- 27	C47-052-014	MARKING, COCKPIT HEATER	1	
- 28	C47-052-013	MARKING, COLD	1	
- 29	C47-052-016	MARKING, DE-ICER CONTROL VALVE ON-OFF	1	
- 30	C47-052-023	MARKING, LOAD ADJUSTER	1	
- 31	C47-052-012	MARKING, PILOTS SIDE WINDOW ALCOHOL VALVE		

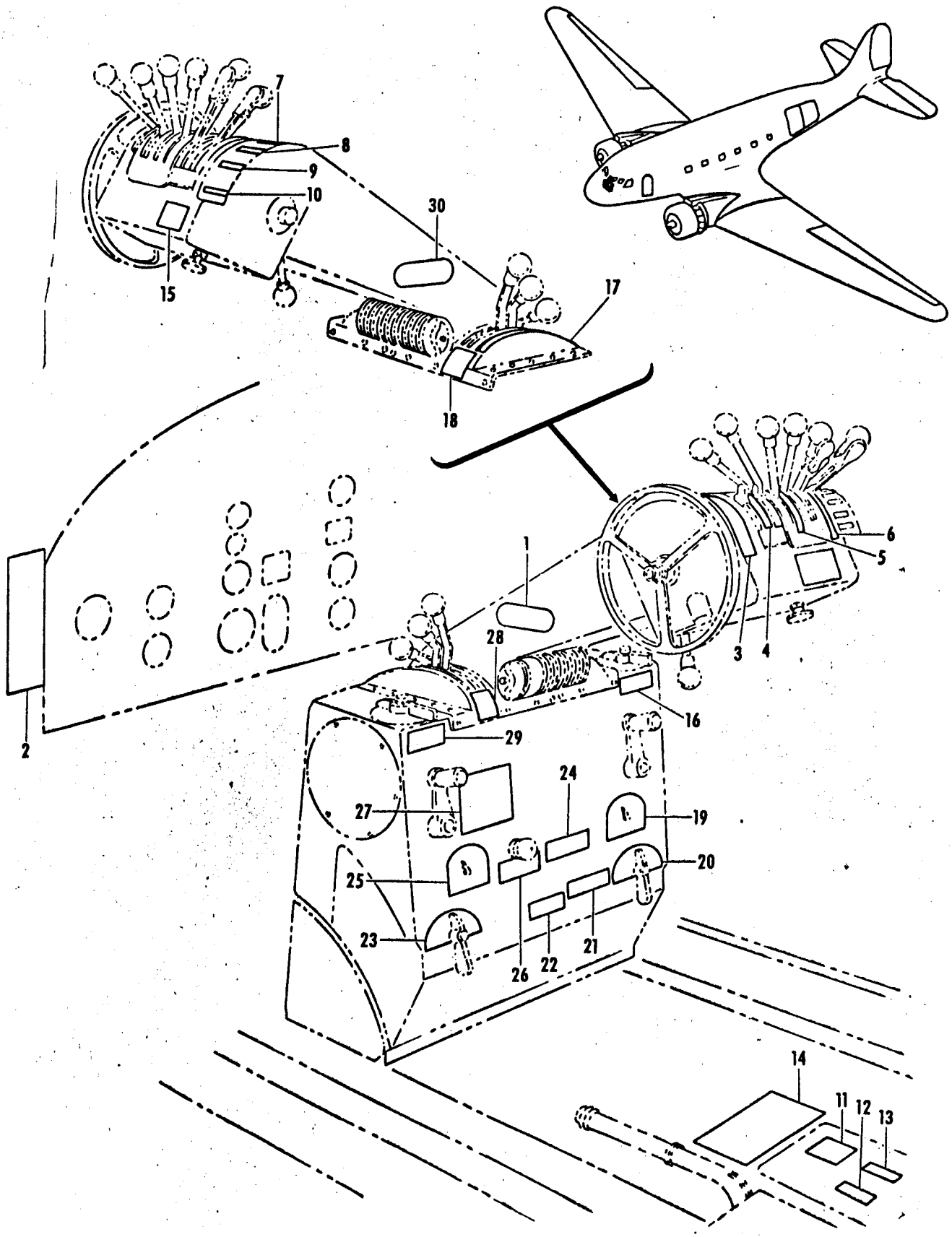
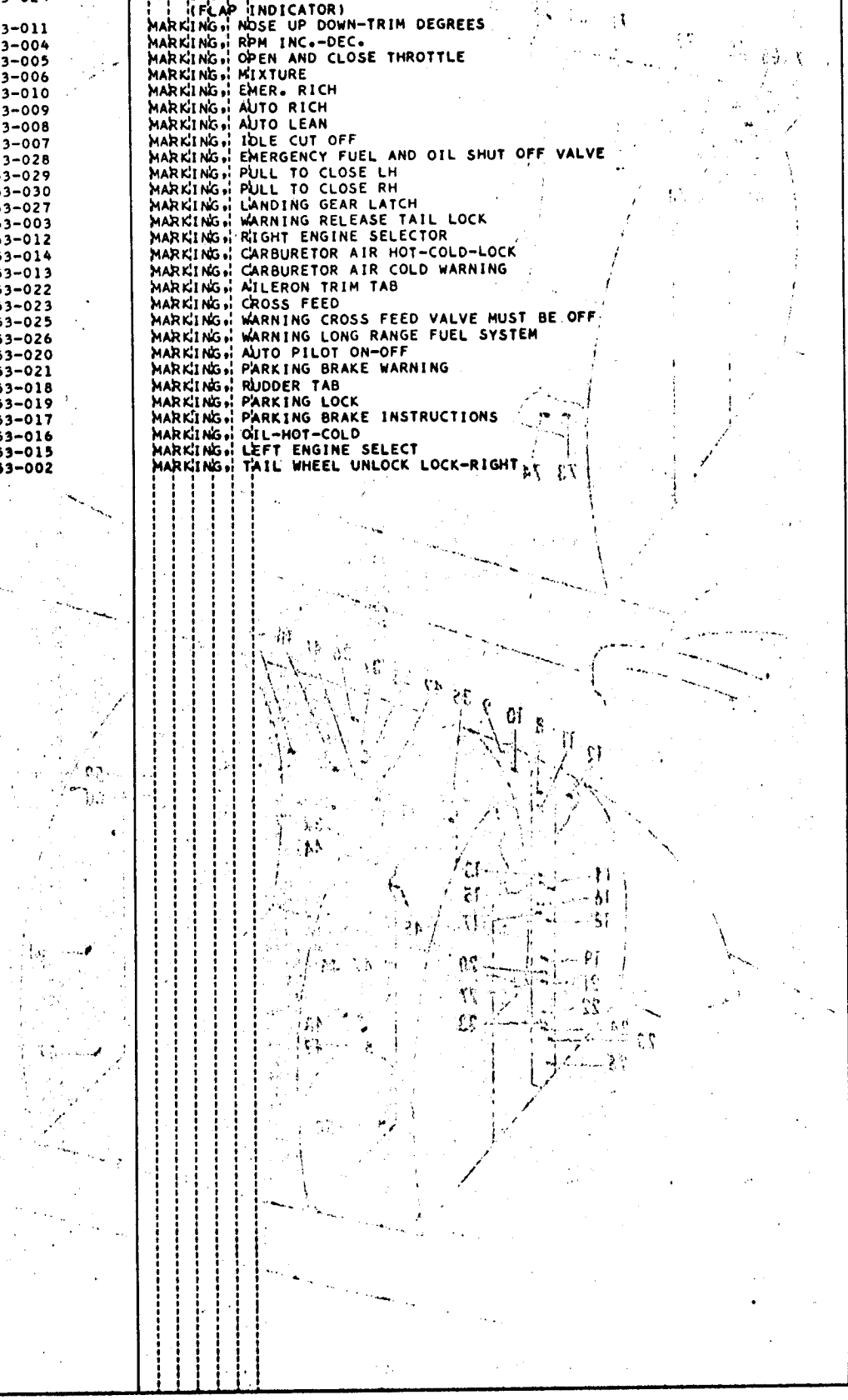


Figure 258. Cockpit Pedestal and Floor Markings

V4-12

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
258		COCKPIT PEDESTAL AND FLOOR MARKINGS		
- 1	C47-053-001	MARKING, TAIL WHEEL UNLOCK-LEFT	1	
- 2	C47-053-024	MARKING, WING FLAPS UP-1/4-1/2-3/4-DOWN AND DOT (FLAP INDICATOR)	1	
- 3	C47-053-011	MARKING, NOSE UP DOWN-TRIM DEGREES	1	
- 4	C47-053-004	MARKING, RPM INC.-DEC.	1	
- 5	C47-053-005	MARKING, OPEN AND CLOSE THROTTLE	1	
- 6	C47-053-006	MARKING, MIXTURE	1	
- 7	C47-053-010	MARKING, EMER. RICH	1	
- 8	C47-053-009	MARKING, AUTO RICH	1	
- 9	C47-053-008	MARKING, AUTO LEAN	1	
- 10	C47-053-007	MARKING, IDLE CUT OFF	1	
- 11	C47-053-028	MARKING, EMERGENCY FUEL AND OIL SHUT OFF VALVE	1	
- 12	C47-053-029	MARKING, PULL TO CLOSE LH	1	
- 13	C47-053-030	MARKING, PULL TO CLOSE RH	1	
- 14	C47-053-027	MARKING, LANDING GEAR LATCH	1	
- 15	C47-053-003	MARKING, WARNING RELEASE TAIL LOCK	1	
- 16	C47-053-012	MARKING, RIGHT ENGINE SELECTOR	1	
- 17	C47-053-014	MARKING, CARBURETOR AIR HOT-COLD-LOCK	1	
- 18	C47-053-013	MARKING, CARBURETOR AIR COLD WARNING	1	
- 19	C47-053-022	MARKING, AILERON TRIM TAB	1	
- 20	C47-053-023	MARKING, CROSS FEED	1	
- 21	C47-053-025	MARKING, WARNING CROSS FEED VALVE MUST BE OFF	1	
- 22	C47-053-026	MARKING, WARNING LONG RANGE FUEL SYSTEM	1	
- 23	C47-053-020	MARKING, AUTO PILOT ON-OFF	1	
- 24	C47-053-021	MARKING, PARKING BRAKE WARNING	1	
- 25	C47-053-018	MARKING, RUDDER TAB	1	
- 26	C47-053-019	MARKING, PARKING LOCK	1	
- 27	C47-053-017	MARKING, PARKING BRAKE INSTRUCTIONS	1	
- 28	C47-053-016	MARKING, OIL-HOT-COLD	1	
- 29	C47-053-015	MARKING, LEFT ENGINE SELECT	1	
- 30	C47-053-002	MARKING, TAIL WHEEL UNLOCK LOCK-RIGHT	1	



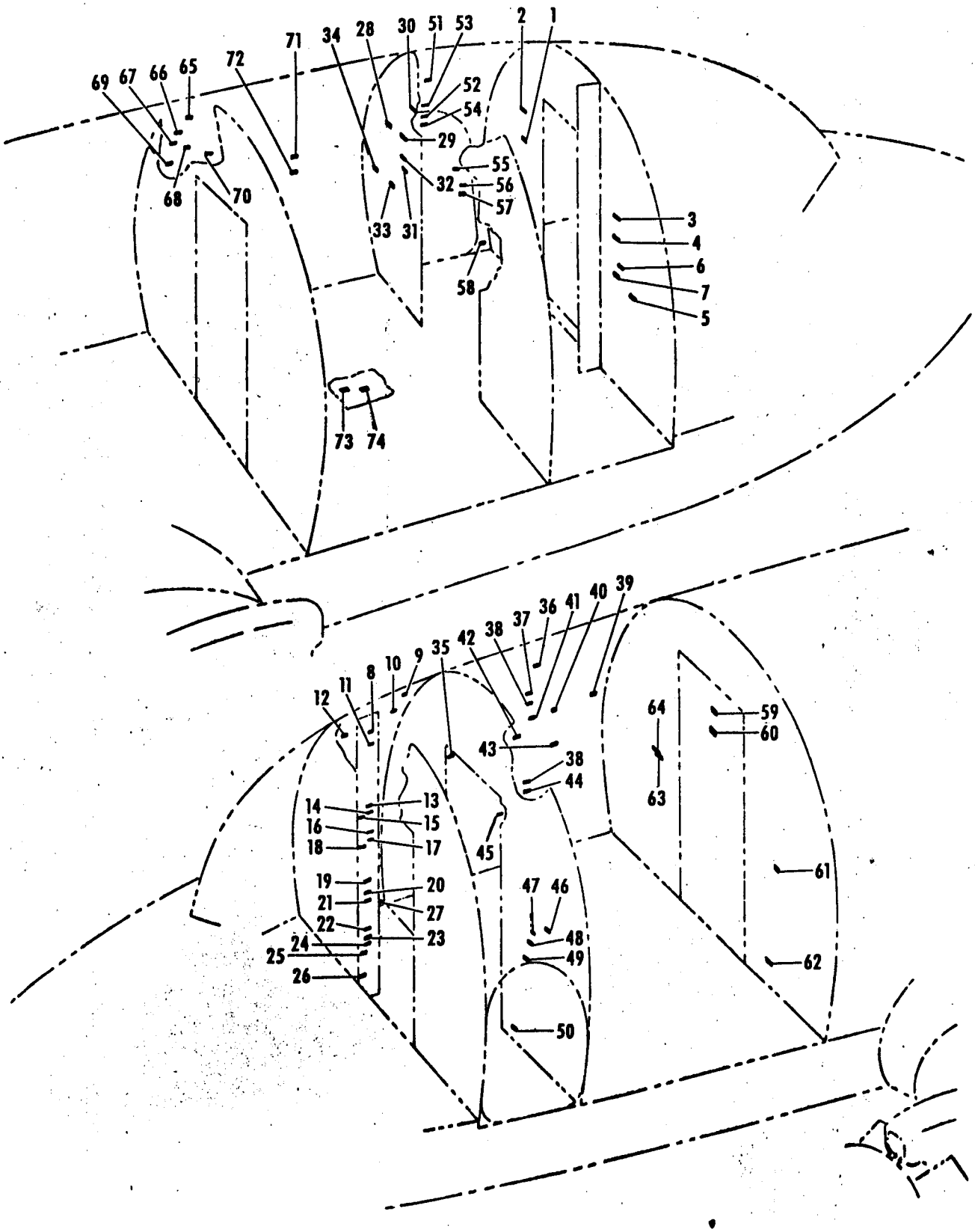


Figure 259. Radio and Navigation Compartment Markings

V4-24

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
259		RADIO AND NAVIGATION COMPARTMENT MARKINGS		
- 1	STD-COM-128	MARKING, LADDER STOWAGE	1	
- 2	STD-COM-106	MARKING, FIRE EXTINGUISHER	1	
- 3	STD-COM-152	MARKING, CAUTION RELEASE AIR BEFORE DISASSEMBLY	1	
- 4	STD-COM-151	MARKING, WARNING INSPECT CRYSTALS WEEKLY	1	
- 5	C47-054-056	MARKING, HIGH PRESSURE	1	
- 6	C47-054-019	MARKING, DISCONNECT BATTERY WIRES	1	
- 7	STD-COM-100	MARKING, COLOR CODE CHART	1	
- 8	STD-COM-026	MARKING, USE FLUID SPEC MIL-O-5606	1	
- 9	C47-054-017	MARKING, WINDSHIELD TANK AND CAP	1	
- 10	C47-054-016	MARKING, MAXIMUM CARGO 400 LBS	1	
- 11	C47-054-001	MARKING, HYDRAULIC FILLING INSTRUMENT	1	
- 12	C47-054-030	MARKING, HYDRO SYSTEM ACCUMULATOR	1	
- 13	C47-054-002	MARKING, ENGINE PUMP SELECTOR	1	
- 14	C47-054-003	MARKING, ENGINE SELECTOR	1	
- 15	C47-054-004	MARKING, MARK AT END OF SHAFT	1	
- 16	C47-054-005	MARKING, SHUT OFF VALVE	1	
- 17	C47-054-006	MARKING, ON-OFF	1	
- 18	C47-054-007	MARKING, FOR EMERGENCY USE ONLY	1	
- 19	C47-054-008	MARKING, FLAP UP	1	
- 20	C47-054-009	MARKING, FLAP VALVE	1	
- 21	C47-054-010	MARKING, FLAP DOWN	1	
- 22	C47-054-011	MARKING, GEAR HANDLE	1	
- 23	C47-054-012	MARKING, GEAR UP	1	
- 24	C47-054-013	MARKING, GEAR DOWN	1	
- 25	C47-054-014	MARKING, WARNING GEAR HANDLE	1	
- 26	C47-054-015	MARKING, HYDRAULIC HAND PUMP	1	
- 27	C47-054-031	MARKING, PROPELLER HYDRO STOWAGE	1	
- 28	STD-COM-129	MARKING, PYRO PISTOL STOWAGE	1	
- 29	STD-COM-140	MARKING, CORRECTED T.O. 12-3-3	1	
- 30	STD-COM-153	MARKING, FOR AIR SICKNESS ONLY	1	
- 31	C47-054-051	MARKING, REMOTE IND. COMPASS	1	
- 32	STD-COM-109	MARKING, A.F. REGULATION 55-20 SMOKING	1	
- 33	STD-COM-110	MARKING, AXE STOWAGE	1	
- 34	STD-COM-113	MARKING, PORTABLE OXYGEN RECHARGER	1	
- 35	C47-054-018	MARKING, CARBURETOR TANK AND CAP	1	
- 36	C47-054-026	MARKING, RADIO CIRCUIT BREAKERS (IDENTIFY)	1	
- 37	C47-054-025	MARKING, LIAISON AND COMMAND	1	
- 38	STD-COM-102	MARKING, JUNCTION BOX WARNING (SMALL)	2	
- 39	C47-054-022	MARKING, RADIO JUNCTION BOX	1	
- 40	C47-054-023	MARKING, H.S. IMPEDENCE	1	
- 41	C47-054-024	MARKING, MONITOR NORMAL	1	
- 42	STD-COM-150	MARKING, LOW IMPEDENCE	1	
- 43	C47-054-027	MARKING, DO NOT OPERATE TRAIL WIRE	1	
- 44	C47-054-021	MARKING, COMPASS JUNCTION BOX	1	
- 45	C47-054-020	MARKING, ACTIVE FUSES	1	
- 46	STD-COM-126	MARKING, SPARE FUSES	1	
- 47	C47-054-033	MARKING, MAIN JUNCTION BOX	1	
- 48	STD-COM-115	MARKING, ONLY QUALIFIED PERSONNEL	1	
- 49	STD-COM-101	MARKING, JUNCTION BOX WARNING (LARGE)	2	
- 50	C47-054-049	MARKING, DRAIN UNDER FREEZING	1	
- 51	STD-COM-130	MARKING, PYRO PISTOL INSTRUCTION	1	
- 52	STD-COM-103	MARKING, CUT HERE FOR EMERGENCY EXIT	1	
- 53	STD-COM-104	MARKING, EMERGENCY EXIT	2	
- 54	STD-COM-107	MARKING, FOR GROUND OR DITCHING USE ONLY	1	
- 55	C47-054-032	MARKING, CAUTION DO NOT OPEN	1	
- 56	STD-COM-120	MARKING, LOCK-UNLOCK (ARROW)	1	
- 57	STD-COM-121	MARKING, TURN TO OPEN	1	
- 58	STD-COM-154	MARKING, HASH MARKS	1	
- 59	C47-054-060	MARKING, FUEL DIAGRAM WOBBLE PUMP	1	
- 60	C47-054-061	MARKING, FUEL DIAGRAM ELECTRIC PUMP	1	
- 61	C47-054-052	MARKING, FREQ. METER STOWAGE	1	
- 62	C47-054-053	MARKING, TO SERVICE RECEIVER	1	
- 63	C47-054-029	MARKING, HEATER SPILL VALVE (5 VALVE CONTROL)	1	
- 64	C47-054-028	MARKING, HEATER SPILL VALVES (HOT AIR SYSTEM ONLY) (3 VALVE CONTROL)	1	
- 65	C47-054-039	MARKING, BLOWER ON	1	
- 66	C47-054-038	MARKING, CABIN HEAT	1	
- 67	C47-054-040	MARKING, BLOWER OFF	1	
- 68	C47-054-041	MARKING, ARROW	1	
- 69	C47-054-042	MARKING, WHEN DEFROSTING	1	
- 70	STD-COM-132	MARKING, DRINKING WATER	1	
- 71	C47-054-036	MARKING, MAXIMUM CARGO 650 LBS	1	
- 72	C47-054-037	MARKING, DOME LIGHT ON-OFF	1	
- 73	C47-054-054	MARKING, J1 AND G1 CYLINDER	1	
- 74	C47-054-055	MARKING, F2 CYLINDER	1	

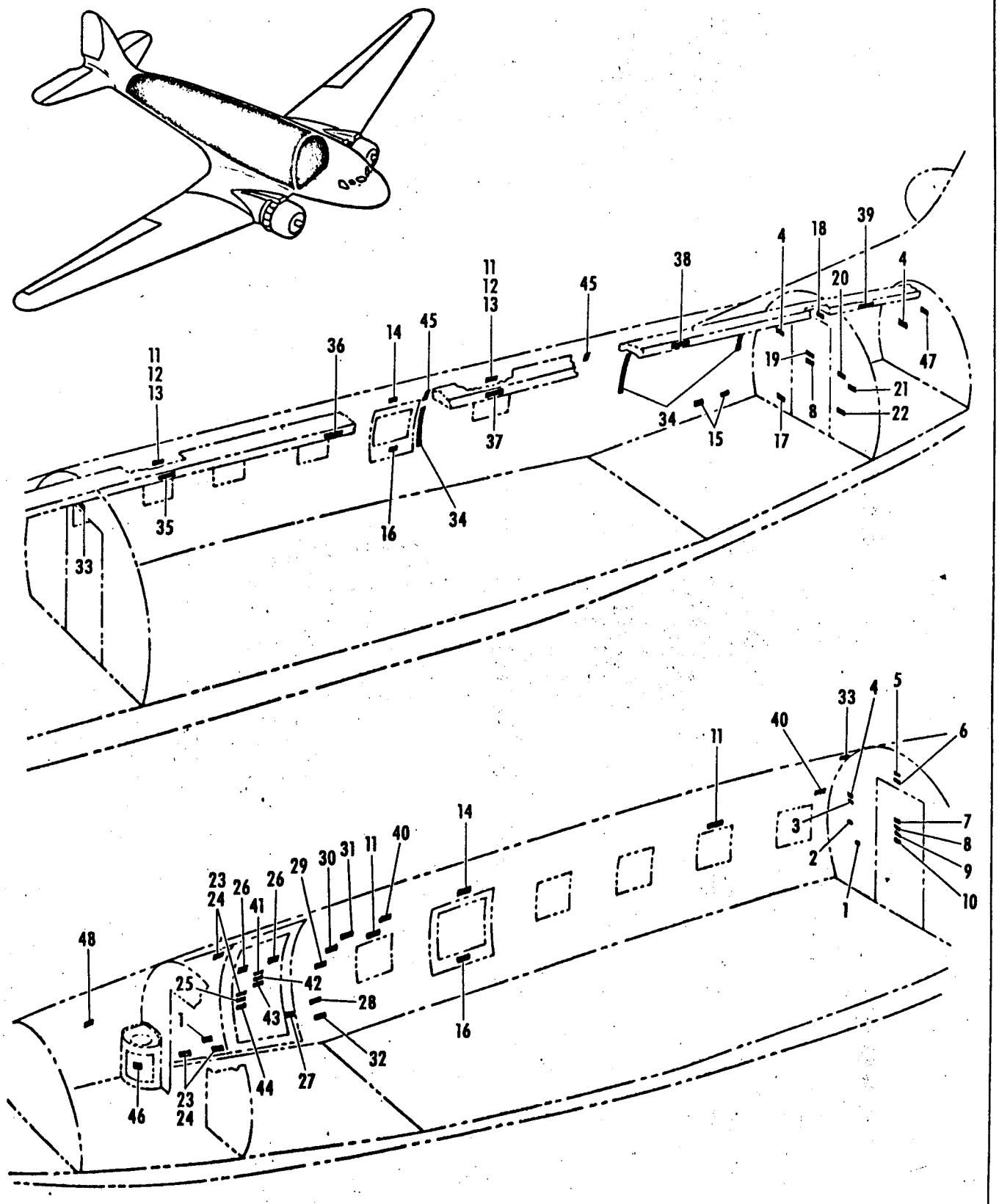


Figure 260. Main Cabin Markings

V4-13

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
		MAIN CABIN MARKINGS		
260			2	
- 1	STD-COM-106	MARKING, FIRE EXTINGUISHER	1	
- 2	STD-COM-132	MARKING, DRINKING WATER	1	
- 3	STD-COM-112	MARKING, RED CROSS (FIRST AID KIT)	3	
- 4	STD-COM-111	MARKING, RED CROSS	1	
- 5	C47-057-003	MARKING, ON OFF	1	
- 6	C47-057-002	MARKING, CABIN LIGHTS	1	
- 7	C47-057-001	MARKING, CREW COMPARTMENT	2	
- 8	STD-COM-108	MARKING, NO SMOKING	1	
- 9	STD-COM-109	MARKING, A.F. REGULATION 55-20 SMOKING	1	
- 10	STD-COM-116	MARKING, FASTEN SEAT BELTS	4	
- 11	STD-COM-103	MARKING, CUT HERE FOR EMERGENCY EXIT (LOCATED AS ILLUSTRATED IF UNOBSTRUCTED BY OXYGEN LINES OR ELECTRICAL WIRES)	AR	
- 12	STD-COM-154	MARKING, HASH MARKS (LOCATED AS ILLUSTRATED IF UNOBSTRUCTED BY OXYGEN LINES OR ELECTRICAL WIRES)	AR	
- 13	STD-COM-155	MARKING, ANGLES (LOCATED AS ILLUSTRATED IF UNOBSTRUCTED BY OXYGEN LINES OR ELECTRICAL WIRES)	2	
- 14	STD-COM-104	MARKING, EMERGENCY EXIT	2	
- 15	C47-057-030	MARKING, DOOR PANEL STOWAGE	2	
- 16	STD-COM-121	MARKING, TURN TO OPEN	1	
- 17	C47-057-005	MARKING, LOADING PULLEY STOWAGE	1	
- 18	C47-057-031	MARKING, CONTROL SURFACE LOCKS IN LAVATORY	1	
- 19	STD-COM-117	MARKING, LAVATORY	1	
- 20	C47-057-026	MARKING, HAND CRANK STOWAGE	1	
- 21	C47-057-025	MARKING, STEP STOWAGE	1	
- 22	C47-057-007	MARKING, ENGINE COVERS	4	
- 23	STD-COM-122	MARKING, OPEN	4	
- 24	STD-COM-123	MARKING, CLOSED	1	
- 25	STD-COM-120	MARKING, LOCK - UNLOCK (ARROW)	2	
- 26	C47-057-014	MARKING, PARACHUTE EXIT	1	
- 27	C47-057-012	MARKING, EMERGENCY DOOR RELEASE - PUSH	1	
- 28	C47-057-011	MARKING, PULL FOR PARACHUTE RELEASE	1	
- 29	C47-057-009	MARKING, WARNING RED LIGHT	1	
- 30	C47-057-008	MARKING, JUMPERS SWITCH PANEL (10 ITEMS)	1	
- 31	C47-057-010	MARKING, ACCOMMODATES U.S. ARMY LITTERS	1	
- 32	STD-COM-131	MARKING, LOW PRESSURE OXYGEN FILLER INSTRUCTIONS	1	
- 33	C47-057-018	MARKING, BULKHEAD NUMBERS 177.50 THRU 583 (24 ITEMS)	1	
- 34	C47-057-019	MARKING, COMPARTMENT SEPARATION MARKS AT STA 177.50, 273.50, 372.50, 450.50 AND 583	1	
- 35	C47-057-020	MARKING, COMPARTMENT D	1	
- 36	C47-057-021	MARKING, COMPARTMENT E	1	
- 37	C47-057-022	MARKING, COMPARTMENT F	1	
- 38	C47-057-023	MARKING, COMPARTMENT G	1	
- 39	C47-057-024	MARKING, COMPARTMENT H	2	
- 40	C47-057-006	MARKING, TROOP OXYGEN	1	
- 41	C47-057-017	MARKING, DO NOT OPEN DOOR PARACHUTE EXIT IS INTACT	1	
- 42	C47-057-016	MARKING, CAUTION WHEN REMOVING PANEL	1	
- 43	C47-057-013	MARKING, UNLOCK HATCHES BEFORE RELEASE	1	
- 44	C47-057-015	MARKING, UNLOCK THIS HANDLE FIRST	1	
- 45	C47-057-004	MARKING, LOADING STA 20 THRU 340 (17 ITEMS)	1	
- 46	C47-057-027	MARKING, CHEMICAL STOWAGE	1	
- 47	C47-057-028	MARKING, MAXIMUM BALLAST	1	
- 48	C47-057-029	MARKING, WATER TANK AND CAPACITY	1	

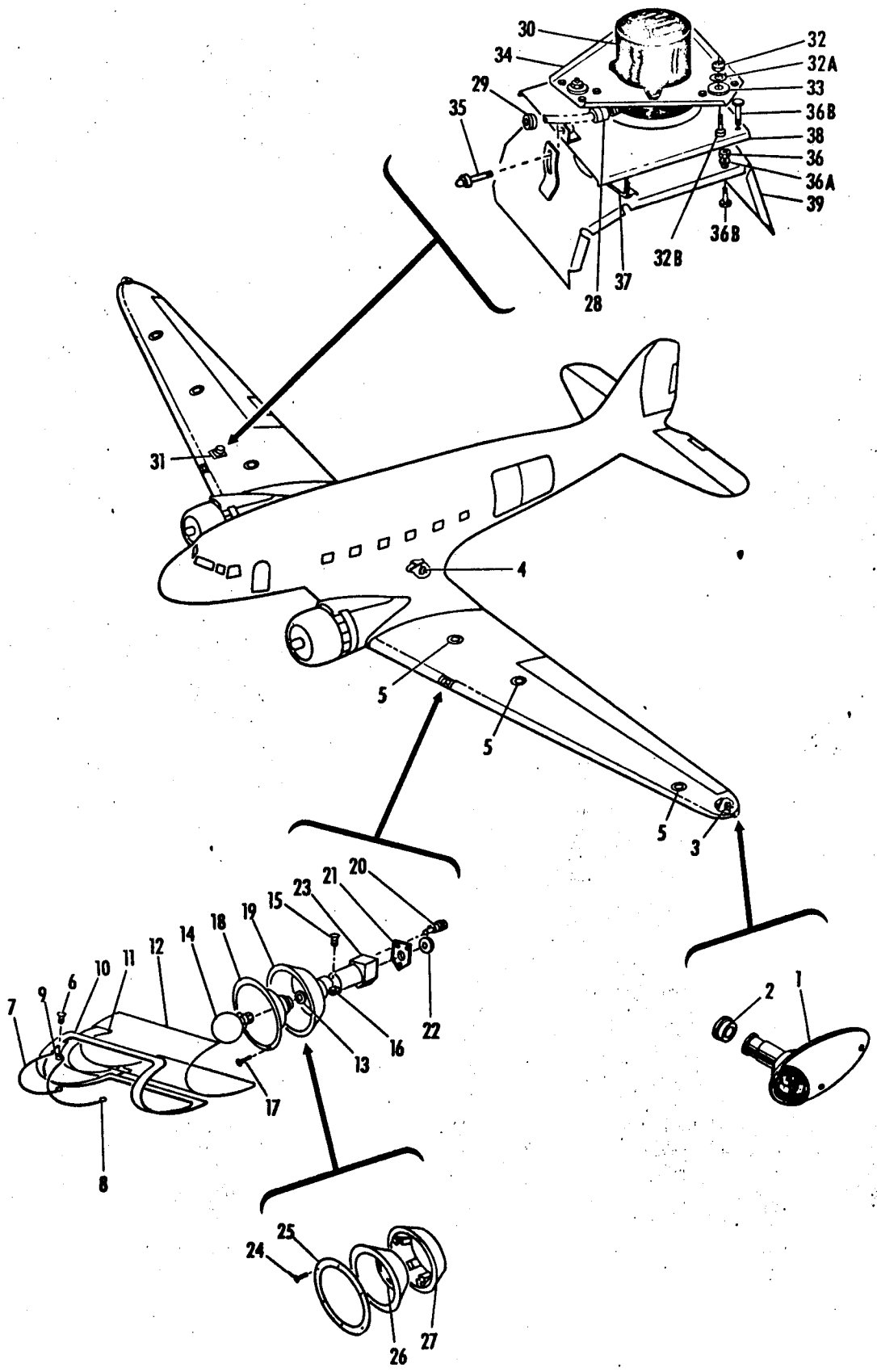


Figure 261. Outer Wing Instrument and Electrical System

V4-264

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
261		OUTER WING INSTRUMENT AND ELECTRICAL SYSTEM		
	5141214	SYSTEM INSTL, OUTER WING ELECTRICAL LH (SEE FIG. 2 FOR NHA)	REF	AF
	5188287	SYSTEM INSTL, OUTER WING ELECTRICAL LH (SEE FIG. 2 FOR NHA)	REF	G
	5141214-1	SYSTEM INSTL, OUTER WING ELECTRICAL RH (SEE FIG. 2 FOR NHA)	REF	AF
	5188287-1	SYSTEM INSTL, OUTER WING ELECTRICAL RH (SEE FIG. 2 FOR NHA)	REF	G
- 1	A1285-1524	LIGHT ASSY, (MODEL E) (RED) LH (LAMP INCLUDED) (72914)	1	
	A1285-1524	LIGHT ASSY, (MODEL E) (GREEN) RH (LAMP INCLUDED) (72914)	1	
		(ATTACHING PARTS)		
	MS35206-228	SCREW, (ALT PN AN515-6-6)	3	
- 2	1141630	BUSHING, RUNNING LIGHT	1	
- 3	MS35489-4	GROMMET, (ALT PN AN931-3-5)	22	
- 4	MS35489-6	GROMMET, (ALT PN AN931-4-7)	5	
	5202302	LIGHT INSTL, WING FORMATION LH	1	
	5202302-1	LIGHT INSTL, WING FORMATION RH	1	
- 5	1055-1	FLASHER, (TYPE C2) (REWORKED PER T.O. 1C-1-512)	3	
		(ATTACHING PARTS)		
	AN507-440R10	SCREW	15	
	MS3106R16S8S	CONNECTOR, (ALT PN AN3106A16S8S)	3	
	MS25235-311	BULB, (ALT PN AN3133-311)	3	
	MS3057-8	CLAMP, (ALT PN AN3057-8)	3	
	5141337	LIGHT INSTL, WING LANDING LH (REWORK PER T.O. 1C-1-204)	1	AE
	5141211	LIGHT INSTL, WING LANDING RH	1	AE
	5189554	LIGHT INSTL, WING LANDING LH	1	F
	5188618	LIGHT INSTL, WING LANDING LH (REWORK PER T.O. 1C-1-204)	1	G
	5189555	LIGHT INSTL, WING LANDING RH	1	FG
- 6	MS35206-247	SCREW, (ALT PN AN526-832-12)	3	
- 7	1118087	BRIDLE ASSY, LANDING LIGHT GLASS	1	
- 8	1118087-4	BUSHING, LANDING LIGHT GLASS BRIDLE	2	
- 9	1118087-6	BUSHING, LANDING LIGHT GLASS BRIDLE	1	
- 10	2118088	STRIP, LEADING EDGE LANDING LIGHT GLASS	1	
- 11	4118215	SHIELD, LANDING LIGHT (USED ON LH ASSY)	1	
- 12	5118592	GLASS, WING LANDING LIGHT LEADING EDGE LH	1	
	5118592-1	GLASS, WING LANDING LIGHT LEADING EDGE RH	1	
	1140797	INSULATOR, PASSING LIGHT SOCKET (USED ON LH ASSY)	1	BC,E
	1203250	INSULATOR, PASSING LIGHT SOCKET (USED ON LH ASSY)	1	D,H
	6-0312	NUT, (08484) (USED ON LH ASSY)	1	BC,E
	26-0376	CONNECTOR, (08484) (USED ON LH ASSY)	1	BC,E
	4-0376	NUT, (08484) (USED ON LH ASSY)	2	BC,E
	26-0376	COLLAR, (08484) (USED ON LH ASSY)	1	BC,E
	1139903	SHIELD, LAMP SOCKET MOUNTING (USED ON LH ASSY)	1	BC,E
	1139904	BRACKET, WARNING LIGHT MOUNTING (USED ON LH ASSY)	1	BC,E
- 13	MS35489-6	GROMMET, (ALT PN AN931-4-7)(USED ON LH ASSY)	1	
- 14	G25-24V	BULB ASSY, 420 WATT 24 VOLT MOGUL PREFOCUS BASE	1	AE
		(G-25 CLEAR) (65083)		
	5118415	LIGHT ASSY, LANDING LH	1	B
	5143380	LIGHT ASSY, LANDING LH	1	A,CE
	5118415-1	LIGHT ASSY, LANDING RH	1	B
	5143380-1	LIGHT ASSY, LANDING RH	1	A,CE
		(ATTACHING PARTS)		
	MS35206-244	SCREW, (ALT PN AN515-8-7)	4	AE
	MS21044D08	NUT, (ALT PN AN365D832)	4	AE
- 15	MS35206-246	SCREW, (ALT PN AN515-8-10)	1	AE
	MS21044D08	NUT, (ALT PN AN365D832)	1	AE
- 16	1118086	CLAMP, LANDING LIGHT SOCKET	1	AE
- 17	MS35206-245	SCREW, (ALT PN AN515-8-8)	7	AE
- 18	D0WSX	LIGHT ASSY, LANDING (71938) SUPERSEDED BY P/N MS25242-4559	1	AE
- 19	5118415-2	SUPPORT, LANDING LIGHT	1	B
	5143380-2	SUPPORT, LANDING LIGHT	1	A,CE
	4118089	SHIELD ASSY, LANDING LIGHT SOCKET	1	B
	4108003-3	COVER ASSY, NUMBER 1 STANDARD DZUS FASTENER JUNCTION BOX	1	B
- 20	AJ4-50	FASTENER, (72794)	3	B
- 21	4108003-2	COVER, NUMBER 1 STANDARD DZUS FASTENER JUNCTION BOX	1	B
- 22	MS35489-13	GROMMET, (ALT PN AN931-7-11)	1	B
- 23	4118089-6	SHIELD ASSY, LANDING LIGHT SOCKET (WELDED)	1	B
	2143248	COVER ASSY, LANDING LIGHT SOCKET	1	A,CE
	MS35489-13	GROMMET, (ALT PN AN931-7-11)	1	A,CE
	2143248-2	COVER, LANDING LIGHT SOCKET	1	A,CE
- 24	MS35207-264	SCREW, (ALT PN AN520-10-10)	6	FG
- 25	2209834	RETAINER	1	FG
- 26	PAR64	BULB ASSY, (600 WATT 24 VOLT) (GFAE)	1	FG
	MS25242-4559	BULB ASSY, (600 WATT 24 VOLT)		
- 27	4209835	ADAPTER ASSY, (DRILL ON INSTL)	1	FG
		(ATTACHING PARTS)		
	MS35207-263	SCREW, (ALT PN AN520-10R8)	3	FG
	MS35206-244	SCREW, (ALT PN AN515-8-7) (USED ON LH ASSY)	4	G
	MS21044D3	NUT, (ALT PN AN365D1032)	3	FG
	MS21044D08	NUT, (ALT PN AN365D832) (USED ON LH ASSY)	4	G
	5203593	INSTRUMENT INSTL, OUTER WING (USED ON RH ASSY)	REF	DG
		(SEE FIG. 2 FOR NHA)		
- 28	MS3106-14-16	CONNECTOR, (ALT PN AN3106-14S2S)	1	DG
	AN3054-6	NUT	1	DG
- 29	MS35489-9	GROMMET, (ALT PN AN931-5-9)	1	DG
	5203518	UNIT INSTL, REMOTE INDICATING MAGNETIC COMPASS	1	DG
		TRANSMITTER UNIT		

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
	CONTINUED			
261 - 30	AN5730-3	COMPASS, REMOTE INDICATING MAGNETIC (GFAE)	1	DG
		(ATTACHING PARTS)		
	MS35214-247	SCREW, (ALT PN AN515B8-12)	3	DG
		----*----		
- 31	5205011	MOUNT ASSY, REMOTE COMPASS TRANSMITTER UNIT	1	DG
- 32	MS21044B08	NUT, (ALT PN AN365B832)	6	DG
- 32A	AN960B8	WASHER	9	DG
- 32B	MS35214-250	SCREW, (ALT PN AN515B8-20)	3	DG
- 33	AN8008D1	INSULATOR ASSY	3	DG
		(ATTACHING PARTS)		
	MS35214-226	SCREW, (ALT PN AN515B6-4)	12	DG
	MS21044B06	NUT, (AN365B632)	12	DG
		----*----		
- 34	4203435	PLATE ASSY, REMOTE COMPASS MOUNTING	1	DG
- 35	PK365-1032X1	SCREW (45722)	1	DG
- 36	AN345B10	NUT	2	DG
- 36A	AN960D10	WASHER, (ALT PN AN960A10)	2	DG
- 36B		BOLT, SPECIAL (PN S176000-3B20ND016)	4	DG
- 37	5205011-2	HINGE, REMOTE COMPASS TRANSMITTER UNIT MOUNT	2	DG
		(MAKE FROM PN AN251-2-2)		
- 38	4205153	PLATE ASSY, REMOTE COMPASS HINGED	1	DG
- 39	5204995	MOUNT, REMOTE COMPASS TRANSMITTER UNIT	1	DG
		A 026 THRU 029		
		B 001 THRU 025 AND 146 THRU 148		
		C 057 THRU 063		
		D 030 THRU 056, 084 THRU 145, 149 THRU 172, 179 THRU 277, 528 THRU 531 AND 555 THRU 558		
		E 064 THRU 083 AND 178		
		F 173 THRU 177, 278 THRU 527 AND 532 THRU 541		
		G 542 THRU 554		
		H 026 THRU 029 AND 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

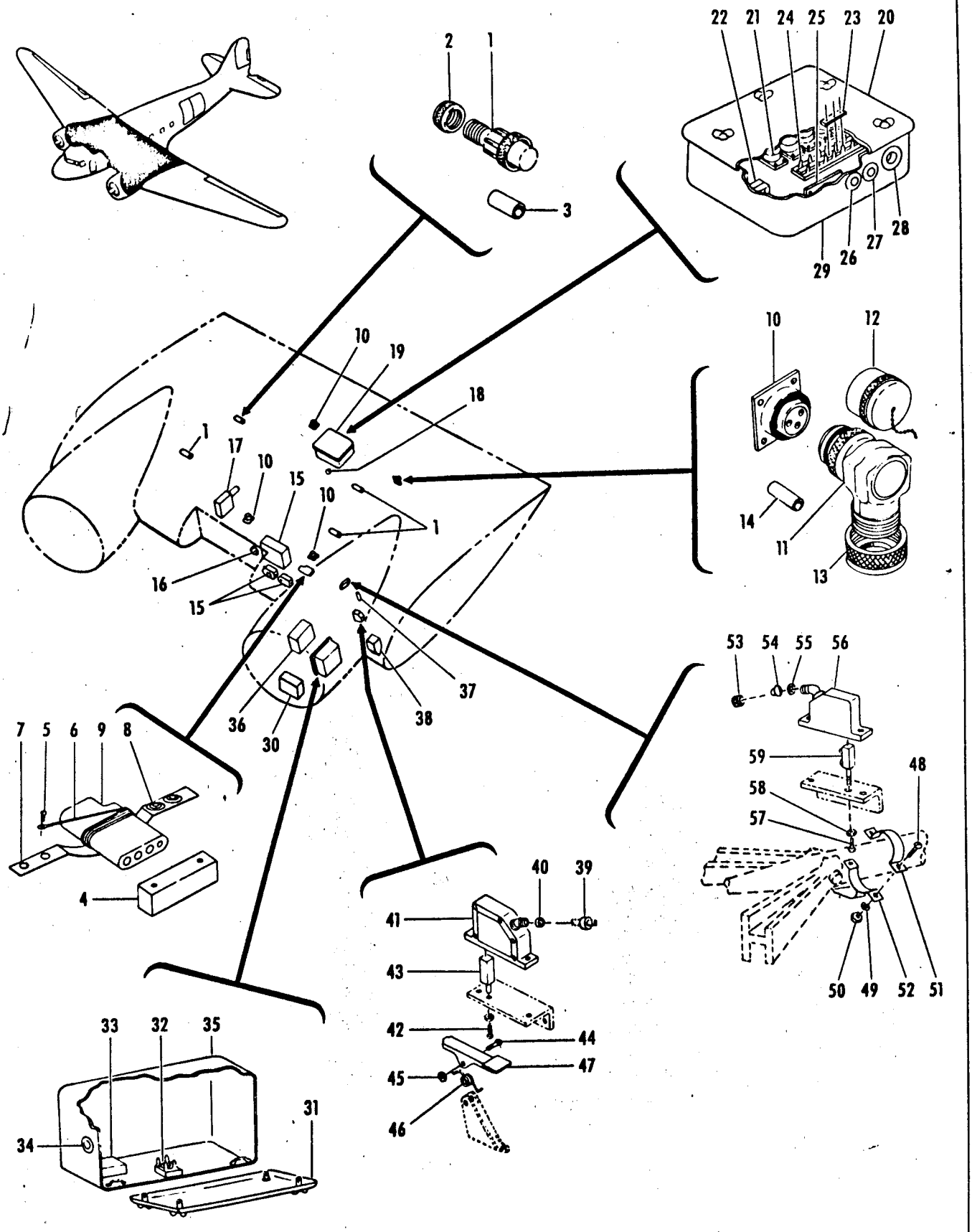


Figure 262. Center Wing Section Electrical System V4-267

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
262	5141404	SYSTEM INSTL, CENTER WING SECTION ELECTRICAL	REF	AE
		(SEE FIG. 6A FOR NHA)		
	5205093	SYSTEM INSTL, CENTER WING SECTION ELECTRICAL	REF	F
		(SEE FIG. 6A FOR NHA)		
	5188291	SYSTEM INSTL, CENTER WING SECTION ELECTRICAL	REF	G
		(SEE FIG. 6A FOR NHA)		
- 1	MS3106R14S1S	PLUG, (ALT PN 2075-2 (71468))	4	
- 2	118-1-0375	NUT, (08484)	4	AE
	AN3054-6	NUT	4	FG
- 3	NAS43-12-8	SPACER, (ALT PN S2033901-11F312-004)	4	EG
	5142085	ADAPTER INSTL, BATTERY CART RECEPTACLE	1	D,H
- 4	1143285	BLOCK, BATTERY CART RECEPTACLE ADAPTER	1	D,H
- 5	MS35206-247	SCREW, (ALT PN AN526-832-12)	1	D,H
	AN960-8	WASHER	1	D,H
	MS21044N08	NUT, (ALT PN AN365-832)	1	D,H
- 6	1143280	CORD ASSY, BATTERY RECEPTACLE ADAPTER	1	D,H
- 7	1142408	STRAP ASSY, BATTERY CART ADAPTER	1	D,H
- 8	AN227-8	FASTENER	1	D,H
- 9	R3137	ADAPTER ASSY, (GFAE)	1	D,H
- 10	RWKC3-31SLR	RECEPTACLE ASSY, (71468)	4	AF
- 11	WKCL-1/2ACN	SHELL ASSY, (71468)	4	AF
- 12	RWK59A	CAP ASSY, (71468)	4	AF
- 13	118-1-0500	NUT, (08484)	4	AF
- 14	NAS43-14-8	SPACER, (ALT PN S2033901-13F312-004)	4	EF
- 15	5141564	BOX INSTL, CENTER WING JUNCTION (SEE FIG. 262A FOR DETAILS)	1	
- 16	MS3106R18-4S	CONNECTOR, (ALT PN AN3106-18-4S)	2	FG,L
	MS3057-10A	ADAPTER, (ALT PN AN3057-10)	2	FG,L
	5142913	CAPACITOR INSTL, WING DEICER MOTOR	1	
- 17	CA275X	CAPACITOR ASSY, (37942)	1	
- 18	MS35489-14	GROMMET, (ALT PN AN931-8-13)	4	AF
	5141244	BOX INSTL, CENTER PARACHUTE PACK JUNCTION	1	AF
- 19	5140993	BOX ASSY, CENTER PARACHUTE PACK	1	AF
	5140993-4	BOX ASSY, CENTER PARACHUTE PACK	1	AF
- 20	5114859-3	COVER ASSY, 9 X 11-3/4 JUNCTION BOX	1	AF
- 21	1220DE	RELAY ASSY, (24 VOLT DC) (35344)	4	AF
- 22	2036LB	RELAY ASSY, (24 VOLT DC) (35344)	1	AF
- 23	S124360-750-3	BAR, PLAIN BUS	1	AF
- 24	MS27212-6-9	TERMINAL BOARD ASSY, (ALT PN S2032879-8A9-12)	1	AF
- 25	MS27212-6-3	TERMINAL BOARD ASSY, (ALT PN S2032879-8A3-12)	1	AF
- 26	MS35489-11	GROMMET, (ALT PN AN931-6-10)	1	AF
- 27	MS35489-14	GROMMET, (ALT PN AN931-8-13)	1	AF
- 28	MS35489-18	GROMMET, (ALT PN AN931-10-20)	1	AF
- 29	5140993-2	BOX ASSY, CENTER PARACHUTE PACK (MAKE FROM S5114859-224N)	1	AF
- 30	5141344	EQUIPMENT INSTL, FIREWALL ELECTRICAL	1	AD
		(SEE FIG. 263 FOR DETAILS)		
	5202190	EQUIPMENT INSTL, FIREWALL ELECTRICAL	1	EG
		(SEE FIG. 263 FOR DETAILS)		
	5189673	BOX INSTL, REVERSE CURRENT RELAY	1	MN
	5189674	BOX ASSY, REVERSE RELAY	2	MN
- 31	S4094852-6	COVER ASSY, 9-1/2 X 4-3/4 AJW4-50 FASTENER JUNCTION BOX	1	MN
- 32	MS27212-6-2	TERMINAL BOARD ASSY, (ALT PN S2032879-8A2-12)	1	MN
- 33	CA275X	CAPACITOR ASSY, (4 MICROFARADS 50 VOLT DC) (37942)	1	MN
- 34	MS35489-20	GROMMET, (ALT PN AN931-12-17)	1	MN
- 35	5189674-2	BOX ASSY, REVERSE CURRENT RELAY (MAKE FROM S4094852-416S)	1	MN
- 36	5141338	BOX INSTL, NACELLE INBOARD JUNCTION	1	AE,K
		(SEE FIG. 262A FOR DETAILS)		
	5189736	BOX INSTL, NACELLE INBOARD JUNCTION	1	M
		(SEE FIG. 262A FOR DETAILS)		
	5143224	THERMOSWITCH INSTL, HEAT AND VENT	1	HJ
- 37	17343-16-450	THERMOSWITCH ASSY, (TYPE 732-1F) (73168)	2	HJ
- 38	5143089	BOX INSTL, NACELLE OUTBOARD JUNCTION	1	
		(SEE FIG. 262A FOR DETAILS)		
- 39	MS35489-134	GROMMET, (ALT PN AN931-3-9)	2	
- 40	4-0376	NUT, (08484)	2	
	5115379	SWITCH INSTL, LANDING GEAR SIGNAL SWITCH	1	
- 41	LE22	HOUSING, (TYPE H) (91929)	2	
- 42	MS35207-267	SCREW, (ALT PN AN520-10R16)	2	
- 43	B-R36	SWITCH ASSY, (91929)	2	
- 44	AN23-15	BOLT	2	
- 45	AN320-3	NUT	2	
- 46	2115516	SPRING, LANDING GEAR SIGNAL SWITCH	2	
- 47	S1115424	LEVER ASSY, LANDING GEAR SWITCH	2	

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
262	CONTINUED			
	5209929	SWITCH INSTL, LANDING GEAR WARNING	1	G
- 48	MS35207-264	SCREW, (ALT PN AN520-10-10)	4	G
- 49	AN960-10	WASHER	4	G
- 50	MS21044N3	NUT, (ALT PN AN365-1032)	4	G
- 51	2209915	CLAMP, LANDING GEAR WARNING SWITCH	2	G
- 52	2209916	CLAMP ASSY, LANDING GEAR WARNING SWITCH LH	1	G
	2209916-1	CLAMP ASSY, LANDING GEAR WARNING SWITCH RH	1	G
- 53	AN3054-6	NUT	2	G
- 54	PSH0033	GLAND, (77221)	2	G
- 55	PSH0034	NUT, (77221)	2	G
- 56	PSH1306R	HOUSING ASSY, (77221) (LH ONLY)	1	G
	PSH1306L	HOUSING ASSY, (77221) (RH ONLY)	1	G
- 57	MS35207-264	SCREW, (ALT PN AN520-10-10)	2	G
- 58	MS35337-43	WASHER, (ALT PN AN935-10L)	2	G
- 59	WZ-R31	SWITCH ASSY, (91929)	2	G
		A 001 THRU 025 AND 146 THRU 148		
		B 026 THRU 028		
		C 029 THRU 031 AND 558		
		D 032 THRU 056 AND 555 THRU 557		
		E 057 THRU 145 AND 178 THRU 209		
		F 149 THRU 177 AND 210 THRU 541		
		G 542 THRU 554		
		H 003 THRU 025 AND 057 THRU 541		
		J 027 THRU 056 AND 542 THRU 558		
		K 149 THRU 175, 210 THRU 452 AND 528 THRU 538		
		L 093 THRU 145 AND 179 THRU 209		
		M 176, 177, 453 THRU 527 AND 539 THRU 554		
		N 449 THRU 452		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

PATRICIA AIR TRANSPORT LTD.
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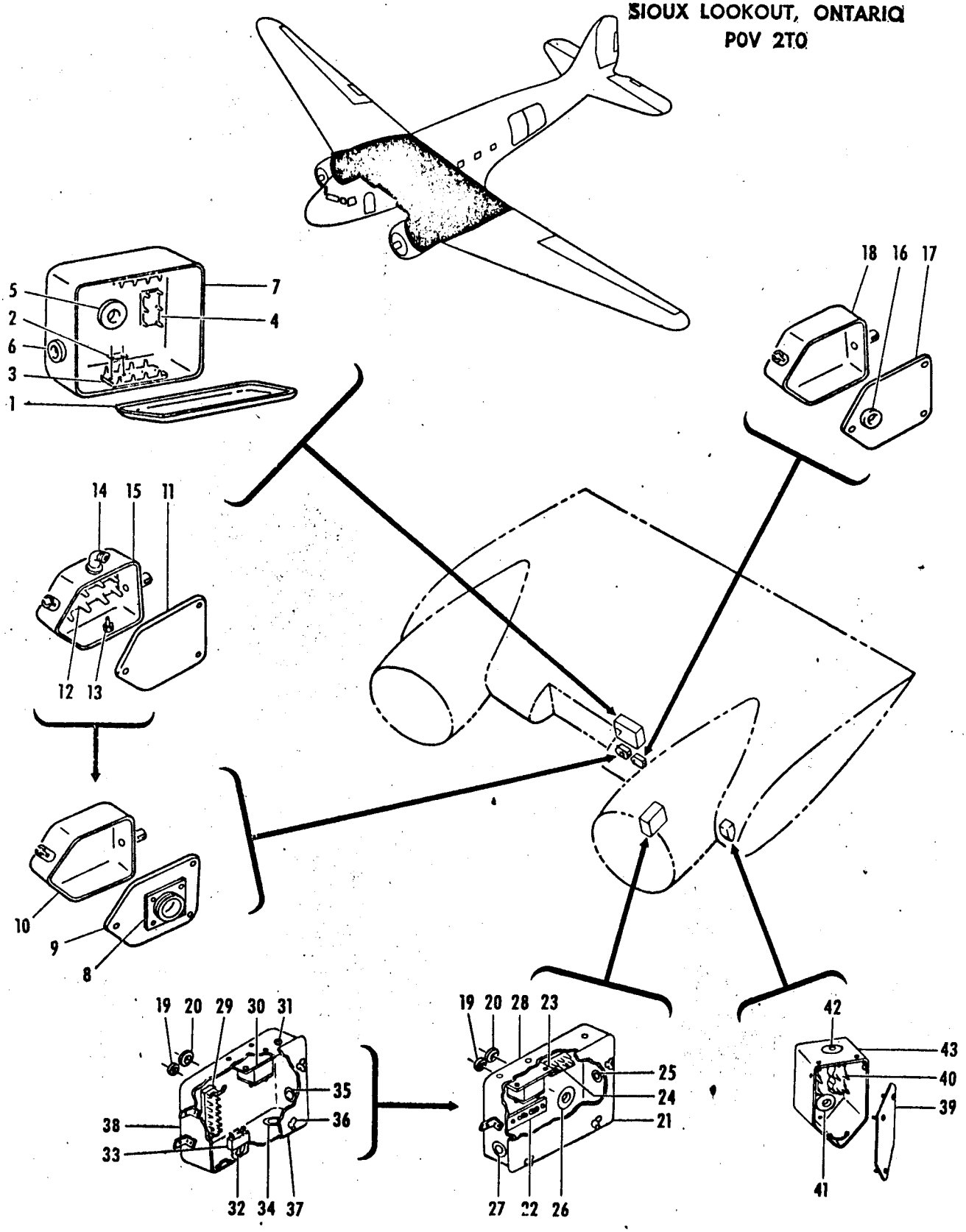

Figure 262A. Center Wing and Nacelle Junction Box

V4-268

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
262A		CENTER WING AND NACELLE JUNCTION BOX		
	5141564	BOX INSTL, CENTER WING JUNCTION (SEE FIG. 262 FOR NHA)	REF	
	4141566	BOX ASSY, CENTER WING JUNCTION	1	
- 1	4105783-3	COVER ASSY, NO. 3 STANDARD JUNCTION BOX	1	
- 2	S124[illegible]-750-2	BAR, PLAIN BUS	1	
- 3	MS27212-6-5	TERMINAL BOARD ASSY, (ALT PN S2032879-8B5-12)	2	
- 4	MS27212-6-3	TERMINAL BOARD ASSY, (ALT PN S2032879-8B3-12)	1	
- 5	MS35489-135	GROMMET, (ALT PN AN931-12-20)	1	
- 6	MS35489-14	GROMMET, (ALT PN AN931-8-13)	1	
- 7	4141566-2	BOX ASSY, CENTER WING JUNCTION (MAKE FROM S4105783-200N)	1	
	4115880	BOX ASSY, CENTER WING IGNITION PLUG JUNCTION	1	A
- 8	RNK-L5-31SL	RECEPTACLE ASSY, (71468)	1	A
- 9	4115880-4	COVER ASSY, CENTER WING IGNITION PLUG JUNCTION BOX (MAKE FROM S4107665-3)	1	A
	S1073811-10-120	OUTLET, RIGID CONDUIT	2	A
- 10	4115880-2	BOX ASSY, CENTER WING IGNITION PLUG JUNCTION (MAKE FROM S4107665-212N)	1	A
	4142904	BOX ASSY, CENTER WING IGNITION JUNCTION	1	B
- 11	4142904-4	COVER ASSY, CENTER WING IGNITION JUNCTION BOX (MAKE FROM S4107665-3)	1	B
- 12	NAS191-4	PANEL ASSY	1	B
- 13	S1093732-2	STUD ASSY, GROUND	1	B
- 14	S171658-4	COUPLING, 90 DEGREE CONDUIT	1	B
	6-0500	NUT, (08484)	1	B
	S1073811-10-120	OUTLET, RIGID CONDUIT	1	B
- 15	4142904-2	BOX ASSY, CENTER WING IGNITION JUNCTION (MAKE FROM S4107665-212N)	1	B
	4141445	BOX ASSY, CENTER WING GENERATOR JUNCTION	1	C
- 16	MS35489-14	GROMMET, (ALT PN AN931-8-13)	1	C
- 17	4141445-4	COVER ASSY, CENTER WING JUNCTION BOX (MAKE FROM S4107665-3)	1	C
	S1073811-12-120	OUTLET, RIGID CONDUIT	2	C
- 18	4141445-2	BOX ASSY, CENTER WING GENERATOR JUNCTION (MAKE FROM S4107665-300N)	1	C
	5141338	BOX INSTL, NACELLE INBOARD JUNCTION (SEE FIG. 262 FOR NHA)	REF	D
	5189736	BOX INSTL, NACELLE INBOARD JUNCTION (SEE FIG. 262 FOR NHA)	REF	E
- 19	MS35489-20	GROMMET, (ALT PN AN931-12-17)	12	
- 20	MS35489-23	GROMMET, (ALT PN AN931-16-22)	2	
	5140948	BOX ASSY, NACELLE INBOARD LH JUNCTION	1	D
	5140948-1	BOX ASSY, NACELLE INBOARD RH JUNCTION	1	D
- 21	5114859-3	COVER ASSY, 9 X 11-3/4 JUNCTION BOX	1	D
- 22	S1019739	CLIP ASSY, 5AG FUSE	1	D
- 23	5055	RELAY ASSY, (35344)	1	D
- 24	MS27212-6-5	TERMINAL BOARD ASSY, (ALT PN S2032879-8A5-16)	1	D
- 25	MS35489-17	GROMMET, (ALT PN AN931-10-14)	1	D
- 26	MS35489-27	GROMMET, (ALT PN AN931-24-28)	1	D
- 27	MS35489-23	GROMMET, (ALT PN AN931-16-22)	1	D
- 28	5140948-2	BOX ASSY, NACELLE INBOARD JUNCTION LH (MAKE FROM S5114859-224N)	1	D
	5140948-3	BOX ASSY, NACELLE INBOARD JUNCTION RH (MAKE FROM S5114859-224N)	1	D
	5189734	BOX ASSY, NACELLE INBOARD JUNCTION LH	1	E
	5189734-1	BOX ASSY, NACELLE INBOARD JUNCTION RH	1	E
- 29	MS27212-6-5	TERMINAL BOARD ASSY, (ALT PN S2032879-8A5-16)	1	E
- 30	5055	RELAY ASSY, (35344)	1	E
- 31	S1093732	STUD ASSY, GROUND	1	E
- 32	49-1416	GUARD ASSY, (15605)	1	E
- 33	AN3160-5	CIRCUIT BREAKER ASSY	1	E
- 34	MS35489-23	GROMMET, (ALT PN AN931-16-22)	1	E
- 35	MS35489-17	GROMMET, (ALT PN AN931-10-14)	1	E
- 36	AJW4-50	FASTENER, (72794)	4	E
	5189735-224	BOX ASSY, 6 X 11-1/8 JUNCTION	1	E
- 37	5189735-8	COVER ASSY, 6 X 11-1/8 JUNCTION BOX	1	E
- 38	5189735-4	BOX ASSY, 6 X 11-1/8 JUNCTION	1	E
	5143089	BOX INSTL, NACELLE OUTBOARD JUNCTION (SEE FIG. 262 FOR NHA)	REF	
	4141463	BOX ASSY, NACELLE OUTBOARD JUNCTION	2	
- 39	S4107665-3	COVER ASSY, NO. 2 STANDARD DZUS FASTENER JUNCTION BOX	1	
- 40	MS27212-2-2	TERMINAL BOARD ASSY, (ALT PN S2032879-10A2-16)	2	
- 41	MS35489-20	GROMMET, (ALT PN AN931-12-17)	1	
- 42	MS35489-11	GROMMET, (ALT PN AN931-6-10)	1	
- 43	4141463-2	BOX ASSY, NACELLE OUTBOARD JUNCTION (MAKE FROM S4107665-128N)	1	

A 001 AND 026 THRU 028
B 002 THRU 025 AND 029 THRU 558
C 001 THRU 028 AND 146 THRU 148
D 001 THRU 175, 178 THRU 452, 528 THRU 538 AND 555 THRU 558
E 176, 177, 453 THRU 527 AND 539 THRU 554

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

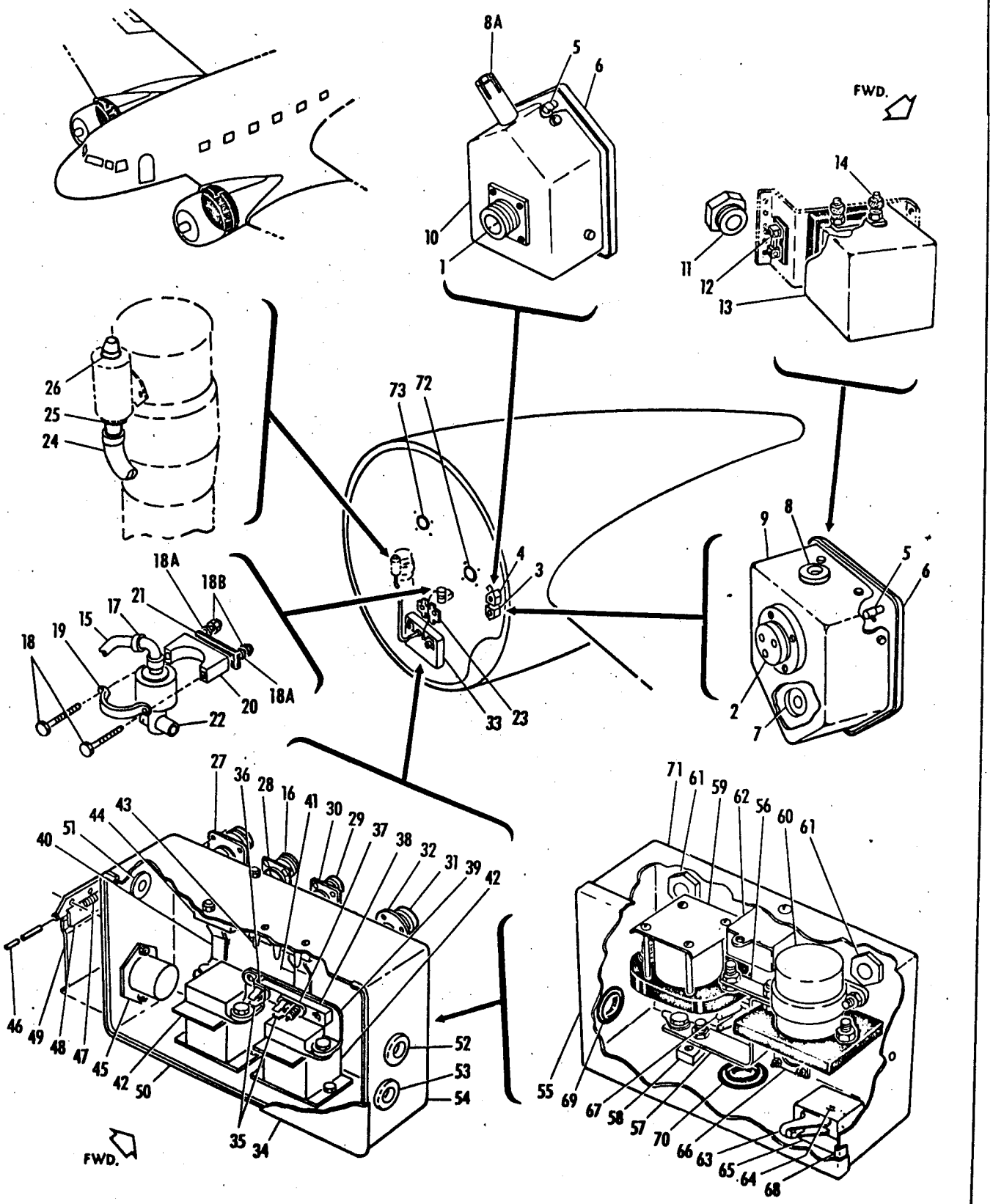

Figure 263. Firewall Electrical Equipment

V4-246

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
263	5141344	EQUIPMENT INSTL, FIREWALL ELECTRICAL (SEE FIG. 262 FOR NHA)	REF	C
	5202190	EQUIPMENT INSTL, FIREWALL ELECTRICAL (SEE FIG. 262 FOR NHA)	REF	D
- 1	SK-L3-32SL	RECEPTACLE ASSY, (71468)	2	C
- 2	AF-D3-53S	RECEPTACLE ASSY, (71468)	2	C
- 3	4115605	BOX ASSY, GENERATOR PLUG JUNCTION LH	1	C
	4115605-1	BOX ASSY, GENERATOR PLUG JUNCTION RH	1	C
- 4	4115606	BOX ASSY, IGNITION PLUG JUNCTION LH	1	
	4115606-1	BOX ASSY, IGNITION PLUG JUNCTION RH	1	
	2139061	COVER ASSY, NUMBER 2 SPECIAL DZUS FASTENER JUNCTION BOX	3	
- 5	AJ4-50	FASTENER, (72794)	1	
- 6	2139061-2	COVER, NO. 2 SPECIAL DZUS FASTENER JUNCTION BOX	1	C
- 7	MS35489-11	GROMMET, (ALT PN AN931-6-10) (USED ON 4115605 AND -1)	1	C
- 8	MS35489-14	GROMMET, (ALT PN AN931-8-13) (USED ON 4115605 AND -1)	1	
- 8A	S1073811-10-120	OUTLET, RIGID CONDUIT (USED ON 4115606 AND -1)	1	C
- 9	4115605-2	BOX ASSY, GENERATOR PLUG JUNCTION LH (MAKE FROM S4107665-300N)	1	C
	4115605-3	BOX ASSY, GENERATOR PLUG JUNCTION RH (MAKE FROM S4107665-300N)	1	
- 10	4115606-2	BOX ASSY, IGNITION PLUG JUNCTION LH (MAKE FROM S4107665-200N)	1	
	4115606-3	BOX ASSY, IGNITION PLUG JUNCTION RH (MAKE FROM S4107665-200N)	2	D
- 11	AN3064-16	CONNECTOR, (ALT PN 28-1000 (08484))	2	D
	S143908-115F123	WASHER	2	D
	AN3066-16	NUT, (ALT PN 6-1000 (08484))	2	D
	MS3057-16B	ADAPTER, (ALT PN AN3057-16)	1	D
	5142788	RELAY INSTL, GENERATOR CURRENT	2	D
- 12	NO NUMBER	SHUNT ASSY, (SPEC 94-32204) (GFAE)	2	D
- 13	4142810	COVER ASSY, GENERATOR RELAY	2	D
- 14	NO NUMBER	RELAY ASSY, (SPEC 94-32278) (GFAE)	2	
- 15	2355018-502	CONDUIT ASSY, OIL DILUTION VALVE TO FIREWALL JUNCTION BOX (SEE T.O. 1C-1-31)	2	
- 16	FW06-12S4P	PLUG ASSY, (71468) (SEE T.O. 1C-1-31)	2	
- 17	2826-10S2S	PLUG ASSY, (71468) (SEE T.O. 1C-1-31)	4	
- 18	AN3-15A	BOLT, (SEE T.O. 1C-1-31)	4	
- 18A	AN960-10	WASHER	4	
- 18B	MS21044N3	NUT, (ALT PN AN365-1032) (SEE T.O. 1C-1-31)	2	
- 19	AN741T11P	CLAMP, (SEE T.O. 1C-1-31)	2	
- 20	1335244	CLAMP, OIL DILUTION SOLENOID SUPPORT (SEE T.O. 1C-1-31)	2	
- 21	1335278	CUSHION, OIL DILUTION SOLENOID SUPPORT (SEE T.O. 1C-1-31)	2	
- 22	G104D2	VALVE ASSY, SOLENOID (40931) (SEE T.O. 1C-1-31)	1	
	5141484	RESISTOR INSTL, FIREWALL GENERATOR	2	C
- 23	AV01050	RESISTOR ASSY, (70804)	2	D
	AV01051	RESISTOR ASSY, (70804)	2	
- 24	2355018-504	CONDUIT ASSY, PROPELLER FEATHERING PUMP TO FIREWALL JUNCTION BOX (SEE T.O. 1C-1-31)	2	
- 25	2355033	COUPLING, PROP FEATHERING PUMP CONDUIT (SEE T.O. 1C-1-31)	2	
	AN3066-12	NUT, (SEE T.O. 1C-1-31)	2	D
	G91	GROMMET, (SPEC AMS 3208) (75345)	2	
- 26	E2789	CAP, (01634)	2	
- 27	FWG-C8-32SL	RECEPTACLE ASSY, (71468) (SEE T.O. 1C-1-31)	2	
- 28	FW02-12S4S	RECEPTACLE ASSY, (71468) (SEE T.O. 1C-1-31)	2	C
- 29	GK-C8-32SL	PLUG ASSY, (71468)	2	
- 30	FWF-DM3-32SL	RECEPTACLE ASSY, (71468) (SEE T.O. 1C-1-31)	2	
- 31	FWAF1F28-3/4	PLUG ASSY, (71468) (SEE T.O. 1C-1-31)	2	
- 32	FWAF1F53S	RECEPTACLE ASSY, (71468) (SEE T.O. 1C-1-31)	REF	C
- 33	5140971	BOX ASSY, LH FIREWALL JUNCTION	REF	C
	5140972	BOX ASSY, RH FIREWALL JUNCTION	1	C
- 34	5140971-4	COVER ASSY, LH FIREWALL JUNCTION BOX (MAKE FROM S5116732-3)	1	C
	5140972-4	COVER ASSY, RH FIREWALL JUNCTION BOX (MAKE FROM S5116732-3)	2	C
- 35	1218	CLIP, (75915)	1	C
- 36	1117216	BAR, FIREWALL JUNCTION BOX Z-BUS	1	C
- 37	1117215	BAR, FIREWALL JUNCTION BOX FLAT BUS	1	C
- 38	1117318	BLOCK, FIREWALL JUNCTION BOX FUSE	1	C
- 39	2117026	BAR, FIREWALL JUNCTION BOX U-BUS	1	C
- 40	2141330	BAR, LH FIREWALL JUNCTION BOX STARTER BUS (USED ON 5140971)	1	C
	2141349	BAR, RH FIREWALL JUNCTION BOX STARTER BUS (USED ON 5140972)	1	C
- 41	2116951	BAR, LH FIREWALL JUNCTION BOX ELECTRICAL BUS (USED ON 5140971)	1	C
	2116981	BAR, RH FIREWALL JUNCTION BOX ELECTRICAL BUS (USED ON 5140972)	2	C
- 42	5058	RELAY ASSY, (35344)	1	C
- 43	MS27212-6-4	TERMINAL BOARD ASSY, (ALT PN S2032879-8B4-12)	1	C
- 44	CA275X	CAPACITOR ASSY, (37942)	1	C
- 45	2291	RECEPTACLE ASSY, (24446)	1	A
	2142052	DOOR ASSY, FIREWALL JUNCTION BOX LH	1	A
- 46	S121873-091-222	PIN, SAFETY	1	A
- 47	S133509-15	SPRING, STANDARD HINGE	1	A
- 48	2142052-4	HINGE, FIREWALL JUNCTION BOX DOOR (MAKE FROM S121874D226)	1	A
- 49	2142052-2	DOOR, FIREWALL JUNCTION BOX LH	1	B
	DA11649	COVER ASSY, (74545)	1	C
- 50	5140971-6	CHANNEL, LH FIREWALL JUNCTION BOX (MAKE FROM S177469N7-3719)	1	C
	5140972-6	CHANNEL, RH FIREWALL JUNCTION BOX (MAKE FROM S177469N7-3719)	1	C
- 51	MS35489-11	GROMMET, (ALT PN AN931-6-10)	1	C
- 52	MS35489-20	GROMMET, (ALT PN AN931-12-17)		

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
263 - 53	MS35489-19	GROMMET, (ALT PN AN931-11-14) (USED ON 5140971)	1	C
	MS35489-19	GROMMET, (ALT PN AN931-11-16) (USED ON 5140972)	1	C
- 54	5140971-2	BOX ASSY, LH FIREWALL JUNCTION (MAKE FROM S5116732-310N)	1	C
	5140972-2	BOX ASSY, RH FIREWALL JUNCTION (MAKE FROM S5116732-310N)	1	C
	5143513	BOX ASSY, FIREWALL JUNCTION LH	REF	D
	5143513-1	BOX ASSY, FIREWALL JUNCTION RH	REF	D
- 55	5116732-3	COVER ASSY, 7 X 12-1/2 JUNCTION BOX	1	D
- 56	1143393	BAR, FIREWALL JUNCTION BOX RELAY BUS	1	D
- 57	2143505	BAR, FIREWALL JUNCTION BOX BUS	1	D
- 58	2189538	BLOCK, FIREWALL JUNCTION BOX	1	D
- 59	94-32424A	RELAY, (TYPE B-8) (GFAE)	1	D
- 60	AN3370-1	RELAY, (TYPE B-4) (GFAE)	1	D
- 61	AN3064-12	CONNECTOR	1	D
	MS3057-12B	CLAMP, (ALT PN AN3057-12)	2	D
	AN3066-12	NUT	2	D
- 62	CA275X	CAPACITOR ASSY, (37942)	2	D
- 63	49-1416	GUARD ASSY, (15605)	1	D
- 64	AN3160-35	BREAKER ASSY	1	D
- 65	1202176	BRACKET, LANDING LIGHT CIRCUIT BREAKER	1	D
- 66	GK-C8-32SL	RECEPTACLE ASSY, (71468)	1	D
- 67	MS27212-6-6	TERMINAL BOARD ASSY, (ALT PN S2032879-8A6-12)	1	D
- 68	5143513-4	CHANNEL, FIREWALL JUNCTION BOX (MAKE FROM S177469N7-3719)	1	D
- 69	MS35489-20	GROMMET, (ALT PN AN931-12-17)	1	D
- 70	MS35489-27	GROMMET, (ALT PN AN931-24-28)	1	D
- 71	5143513-2	BOX ASSY, FIREWALL JUNCTION LH (MAKE FROM S5116732-308N)	1	D
	5143513-3	BOX ASSY, FIREWALL JUNCTION RH (MAKE FROM S5116732-308N)	1	D
- 72	FWS-L3-32SL	RECEPTACLE ASSY, (71468) (SEE T.O. 1C-1-31)	1	D
- 73	FWAF-D3-53S	RECEPTACLE ASSY, (71468) (SEE T.O. 1C-1-31)	2	
			2	

A 026 AND 027
B 028 THRU 056 AND 555 THRU 558
C 001 THRU 056, 146 THRU 148 AND 555 THRU 558
D 057 THRU 145 AND 149 THRU 554

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

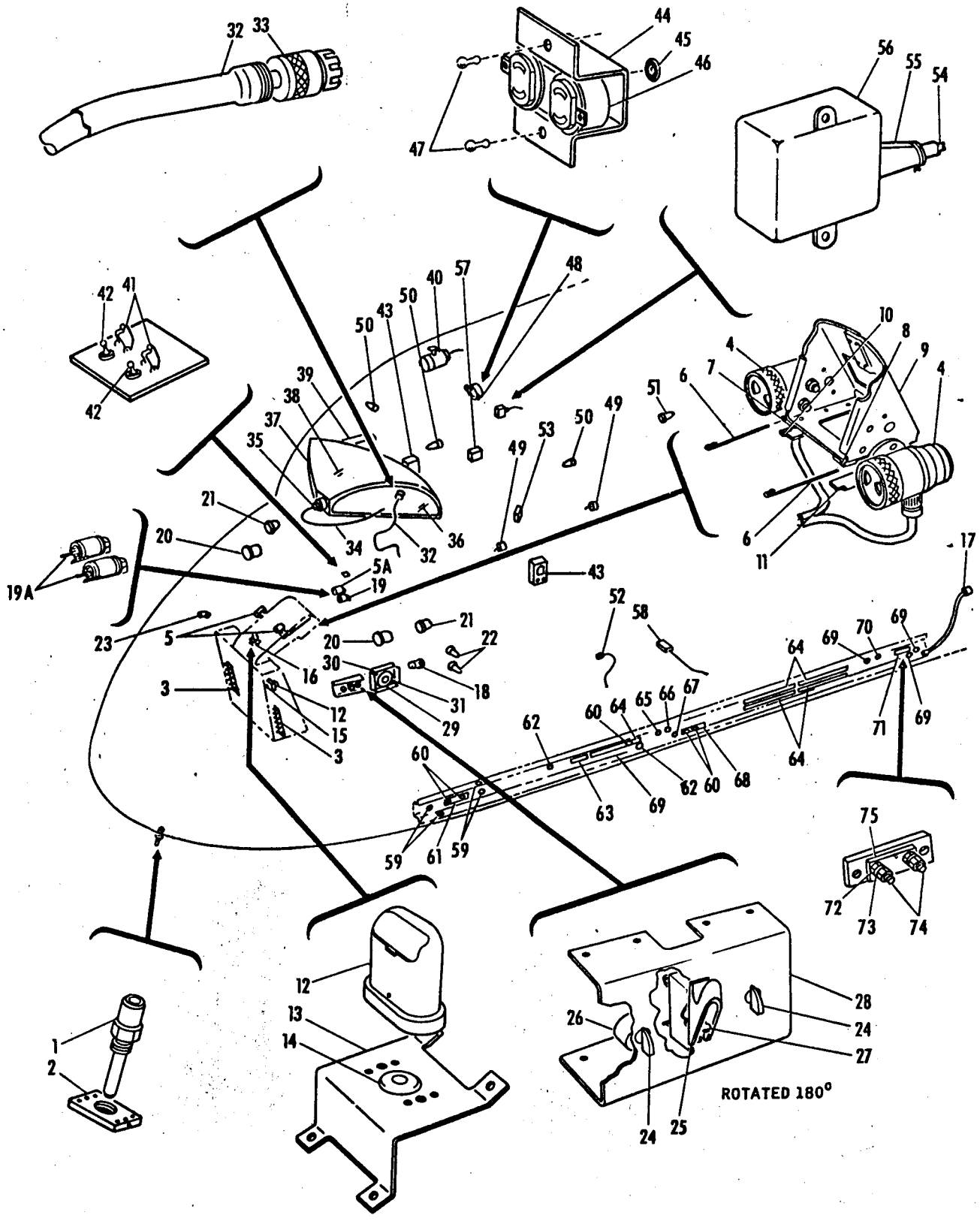

Figure 264. Forward Fuselage Electrical System (Cockpit and Tunnel)

V4-275

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
264		FORWARD FUSELAGE ELECTRICAL SYSTEM (COCKPIT AND TUNNEL)		
	5141407	ELECTRICAL INSTL, FUSELAGE (SEE FIG. 16 FOR NHA)	REF	AS
	5205088	ELECTRICAL INSTL, FUSELAGE (SEE FIG. 16 FOR NHA)	REF	TZ
	5141411	ELECTRICAL INSTL, FUSELAGE CENTER (SEE FIG. 270 THRU 272 FOR DETAILS)	1	AS,X
	5205092	ELECTRICAL INSTL, FUSELAGE CENTER (SEE FIG. 270 THRU 272 FOR DETAILS)	1	TT
	5141217	ELECTRICAL INSTL, FUSELAGE AFT (SEE FIG. 273 FOR DETAILS)	1	AZ
	5141367	ELECTRICAL INSTL, TAIL CONE EQUIPMENT (SEE FIG. 273 FOR DETAILS)	1	AZ
	5141221	ELECTRICAL INSTL, FUSELAGE FORWARD (SEE FIG. 265 FOR ADDITIONAL DETAILS)	1	AS
	5205091	ELECTRICAL INSTL, FUSELAGE FORWARD (SEE FIG. 265 FOR ADDITIONAL DETAILS)	1	TZ
- 1	D94177	BULB ASSY, OUTSIDE AIR TEMPERATURE (65092)	1	GM
	D92844	PLUG ASSY, (65092)	1	GM
	AN5525-1	BULB ASSY, (SPEC 94-27321) (GFAE)	2	S
	AN5525-1	BULB ASSY, (SPEC 94-27321) (GFAE)	1	CC
	MS3106R12S3S	CONNECTOR, (ALT PN AN3106-12S3S)	2	S
	MS3106R12S3S	CONNECTOR, (ALT PN AN3106-12S3S)	1	CC
	AN3054-4	NUT	1	JJ
	4-0251	NUT, COUPLING (08484)	1	GM,S
- 2	2119998	PLATE, ICE WARNING UNIT MOUNT	1	AZ
	MS35489-6	GROMMET, (ALT PN AN931-4-7)	1	KK
	MS35489-6	GROMMET, (ALT PN AN931-4-7)	2	S
	MS25231-313	LAMP, (ALT PN AN3121-313)	7	G
	MS25231-313	LAMP, (ALT PN AN3121-313)	9	T,VZ
	MS25231-313	LAMP, (ALT PN AN3121-313)	5	DD
- 3	MS27212-6-5	TERMINAL BOARD ASSY, (ALT PN S2032879-8A5-12)	2	U
	5119915	LIGHT INSTL, PEDESTAL	1	LL
	5189586	LIGHT INSTL, PEDESTAL	1	U
- 4	AN3038-1	LIGHT ASSY, (LESS NAF48379-5)	2	U
- 5	AN3038-1	LIGHT ASSY, (SEE T.O. 1C-1-211)	2	LL
- 5A	NAF48379-5	UNIT ASSY, CONTROL (ORDER NHA AN3038-1)	1	LL
- 6	S121873S081-324	PIN, SAFETY	2	U
	4189026	BRACKET ASSY, PEDESTAL FLUORESCENT LIGHT	1	U
- 7	4189026-4	HINGE, PEDESTAL FLOURESCENT LIGHT BRACKET (MAKE FROM S145062ADC324)	1	U
- 8	4189026-6	HINGE, PEDESTAL FLOURESCENT LIGHT BRACKET (MAKE FROM S145062AD324)	1	U
- 9	4189026-2	BRACKET, PEDESTAL FLOURESCENT LIGHT	1	U
- 10	S145062ADC324	HINGE, HOOD	1	U
- 11	S145062AD324	HINGE, HOOD	1	U
- 12	2130136-2	LIGHT ASSY, COCKPIT	2	AZ
- 13	2130178	SUPPORT ASSY, INSTRUMENT CHECK LIGHT	1	AZ
- 14	6	GROMMET, (77969)	1	AZ
- 15	6	GROMMET, (77969)	1	AZ
- 16	8	GROMMET, (77969)	1	AZ
- 17	RNK-L5-24-1/2B	PLUG ASSY, (71468)	1	A,GJ
	MS15570-303	LAMP, (ALT PN AN3131-303)	2	AZ
	5119682	LIGHT INSTL, FLOURESCENT	1	LL
- 18	AN3038-1	LIGHT ASSY, (SEE T.O. 1C-1-211)	2	LL
- 19	NAF48379-5	UNIT ASSY, CONTROL (ORDER NHA AN3038-1)	1	LL
	5189508	LIGHT INSTL, FLOURESCENT	1	U
	AN3038-1	LIGHT ASSY, (LESS NAF48379-5)	2	U
	5189585	UNIT INSTL, FLOURESCENT LIGHT	1	U
- 19A	NAF48379-5	UNIT ASSY, CONTROL (ORDER NHA AN3038-1)	4	U
- 20	2130136-4	LIGHT ASSY, COCKPIT	2	AZ
- 21	2130136-2	LIGHT ASSY, COCKPIT	2	AZ
	MS15570-303	LAMP, (ALT PN AN3131-303)	4	AZ
	6	GROMMET, (77969)	4	AZ
- 22	4283593-1	LAMP ASSY, SUPERCHARGING WARNING	2	TZ
	AN3121-1818	LAMP	2	TZ
	2119859-1	CONDUIT ASSY, FLOURESCENT LIGHT (LH)	1	AZ
	2119859-2	CONDUIT ASSY, FLOURESCENT LIGHT (RH)	1	AZ
- 23	1K-A34-23-1B	PLUG ASSY, (71468)	1	AM
	4-1250	NUT, COUPLING (08484)	1	AM
	MS35489-23	GROMMET, (ALT PN AN931-16-22)	1	AM
	3207494	SWITCH INSTL, CARBURETOR AIR INDUCTION	1	X
- 24	AN3220-1	KNOB ASSY	2	X
- 25	NASC09000	GUARD, (00861) (ALT PN 49-1416 (15605))	1	X
- 26	7261K10	SWITCH ASSY, (15605)	2	X
- 27	AN3160-10	BREAKER ASSY	1	X
- 28	4207490	BRACKET, CARBURETOR AIR INDUCTION ELECTRICAL SWITCH	1	X
	5141037	SIGNAL INSTL, LANDING GEAR WARNING	1	AZ
- 29	76124	HORN ASSY, (16764)	1	AZ
- 30	4141035	BRACKET ASSY, LANDING GEAR WARNING SIGNAL	1	AZ
- 31	MS35489-4	GROMMET, (ALT PN AN931-3-5)	1	AZ
- 32	2140966	SHIELD ASSY, COMPASS TO PILOT ELECTRICAL PANEL	1	AZ
- 33	AN3116-1	PLUG ASSY	1	AZ
- 34	2135219	SHIELD ASSY, IGNITION SWITCH TO CONDUIT	1	AB
	2207720	SHIELD ASSY, IGNITION SWITCH TO CONDUIT	1	TX
- 35	10-14318	SWITCH ASSY, IGNITION (TYPE AZA10) (77820)	1	AA
	10-29056	SWITCH ASSY, IGNITION (TYPE B5) (SPEC 94-32197) (56365)	1	MM
	NO NUMBER	SWITCH ASSY, IGNITION (TYPE B6) (SPEC 94-32428)	1	R,TZ
	26-0625	COLLAR, (08484)	1	AA
	4-0625	NUT, (08484)	1	AA

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
264				
- 36	5140961	PANEL ASSY, PILOT ELECTRICAL LH (SEE FIG. 274 FOR DETAILS)	1	AZ
- 37	5140981	PANEL ASSY, PILOT ELECTRICAL RH (SEE FIG. 275 FOR DETAILS)	1	AQ
	5205087	PANEL ASSY, PILOT ELECTRICAL RH (SEE FIG. 275 FOR DETAILS)	1	RZ
	MS15570-303	LAMP, (ALT PN AN3131-303)	1	AZ
	MS25231-313	LAMP, (ALT PN AN3121-313)	1	U
- 38	5119393	MOUNT ASSY, PILOT ELECTRICAL PANEL	1	AZ
- 39	4117158	BOX ASSY, SPARE LAMP (SEE FIG. 276 FOR DETAILS)	1	AZ
	MS25231-313	LAMP, (ALT PN AN3121-313)	10	AM,S
	MS25231-313	LAMP, (ALT PN AN3121-313)	12	RR
	MS15570-303	LAMP, (ALT PN AN3131-303)	7	BB
	MS15570-303	LAMP, (ALT PN AN3131-303)	6	PP
	MS25234-308	LAMP, (ALT PN AN3132-308)	1	PP
	AN3093-2	COVER	1	U,W
	AN3093-3	COVER	1	U,W
	AN3093-4	COVER	1	U,W
	5141218	SPOTLIGHT INSTL, COCKPIT	1	AZ
- 40	NO NUMBER	LAMP ASSY, COCKPIT (TYPE C4) (SPEC 94-32294A)	1	AZ
- 41	MS25224-3	GUARD ASSY, (ALT PN AN3028-4) (SEE T.O. 1C-1-41)	2	AZ
- 42	MS35058-30	SWITCH, (ALT PN AN3021-8) (SEE T.O. 1C-1-41)	2	AZ
	5202780	RHEOSTAT INSTL, COCKPIT SUIT HEAT	1	NN
- 43	NO NUMBER	RHEOSTAT ASSY, (TYPE Q1A) (SPEC 94-32357) (GFAE)	2	NN
	MS35489-11	GROMMET, (ALT PN AN931-6-10)	1	F,JZ
	5141974	RECEPTACLE INSTL, C-3A SIGNAL LIGHT	1	AL
- 44	2141973	COVER ASSY, RECEPTACLE	1	AL
- 45	MS35489-6	GROMMET, (ALT PN AN931-4-7)	1	AL
- 46	7540	RECEPTACLE ASSY, (74545)	1	AL
- 47	P100-6	STUD, BALL (78553)	2	AL
	5142794	RECEPTACLE INSTL, C-3A SIGNAL LIGHT	1	N
- 48	7526	PLUG ASSY, (74545)	1	N
	5202162	LIGHT AND SWITCH INSTL, LOW PRESSURE OXYGEN SYSTEM WARNING	1	QQ
- 49	NO NUMBER	SIGNAL ASSY, (TYPE G1) (SPEC 94-32376) (GFAE)	2	QQ
- 50	42B3593-2	LAMP ASSY, (GFAE)	3	QQ
	MS25231-313	LAMP, (ALT PN AN3121-313)	3	QQ
- 51	42B3593-2	LAMP ASSY, (GFAE)	1	NP
	MS25231-313	LAMP, (ALT PN AN3121-313)	1	NP
	AN3108-10SL4S	CONNECTOR	2	QQ
	AN3054-4	NUT	2	QQ
	MS35489-6	GROMMET, (ALT PN AN931-4-7)	2	QQ
- 52	2092-2	PLUG ASSY, (71486)	1	EE
	MS3108R12S4S	CONNECTOR, (ALT PN AN3108-12S4S)	1	S
	MS3108R12S5S	CONNECTOR, (ALT PN AN3108-12S5S)	1	TZ
	AN3054-4	NUT	1	FF
	MS35489-6	GROMMET, (ALT PN AN931-4-7)	1	FF
- 53	567-1	RHEOSTAT ASSY, DEICER (19315)	1	AR,X
	NO NUMBER	RHEOSTAT ASSY, (TYPE 0-3A) (SPEC 94-32259C (44655)) (FURNISHED WITH PN 100-3 PROPELLER DEICER PUMP (64560))	1	SS
	AN3054-6	NUT	1	HH
	118-1-0375	NUT, (08484)	1	GM,S
	AN931-3-4	GROMMET	1	X,HH
	MS35489-6	GROMMET, (ALT PN AN931-4-7)	1	GM
	5142930	CAPACITOR INSTL, WINDSHIELD DEICER PUMP	1	GH
- 54	5142930-2	TUBE, WINDSHIELD DEICER PUMP CAPACITOR	1	GH
- 55	5142930-4	TUBE, WINDSHIELD DEICER PUMP CAPACITOR	1	GH
- 56	CA275X	CAPACITOR ASSY, (37942)	1	GH
	CA275X	CAPACITOR ASSY, (37942)	1	GG
	MS3106R12S4S	CONNECTOR, (ALT PN AN3106-12S4S)	1	U
	MS35489-6	GROMMET, (ALT PN AN931-4-7)	1	GG
	AN3054-4	NUT	1	GG
- 57	5141396	BOX INSTL, LANDING GEAR VALVE SWITCH (SEE FIG. 276 FOR DETAILS)	1	AZ
- 58	5141613	SWITCH INSTL, THROTTLE WARNING (SEE FIG. 276 FOR DETAILS)	1	AZ
	5141640	TUNNEL INSTL, FUSELAGE ELECTRICAL	4	AZ
- 59	MS35489-9	GROMMET, (ALT PN AN931-5-9)	5	AZ
- 60	NAS44-191-2	BUS, (ALT PN S124360-750-2)	1	AZ
- 61	MS27212-6-8	TERMINAL BOARD ASSY, (ALT PN S2032879-8A8-12)	2	AZ
- 62	MS35489-13	GROMMET, (ALT PN AN931-7-11)	1	AZ
- 63	MS27212-6-6	TERMINAL BOARD ASSY, (ALT PN S2032879-8B6-12)	5	AZ
- 64	MS27212-6-16	TERMINAL BOARD ASSY, (ALT PN S2032879-8A16-12)	1	AZ
- 65	MS35489-23	GROMMET, (ALT PN AN931-16-22)	1	AZ
- 66	MS35489-22	GROMMET, (ALT PN AN931-14-20)	1	AZ
- 67	MS35489-20	GROMMET, (ALT PN AN931-12-17)	1	AZ
- 68	MS27212-6-6	TERMINAL BOARD ASSY, (ALT PN S2032879-8A6-12)	3	AZ
- 69	MS35489-21	GROMMET, (ALT PN AN931-12-23)	1	AZ
- 70	MS35489-18	GROMMET, (ALT PN AN931-10-20)	1	AZ
- 71	4118916	BLOCK ASSY, FUSELAGE TUNNEL BUS	2	AZ
- 72	COML	NUT, 3/8 X 16 HEX MACHINE AMERICAN STANDARD THIN PATTERN	4	AZ
- 73	AN960B616	WASHER	2	AZ
- 74	MS35198-98	SCREW, (ALT PN AN505B616-20)	1	AZ
- 75	1119221	BUS ASSY, FUSELAGE TUNNEL		

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
264	CONTINUED	A 001 B 002 C 003 THRU 009 D 010 THRU 012 E 013 THRU 015 F 016 THRU 025 AND 146 THRU 148 G 026 H 027 J 028 K 029 THRU 031 AND 558 L 032 THRU 045 AND 555 M 046 THRU 056, 556 AND 557 N 057 THRU 063 P 064 THRU 070 AND 178 Q 071 THRU 092 R 093 THRU 145 AND 179 THRU 182 S 149 THRU 171 T 172, 250 THRU 279 AND 528 THRU 531 U 173, 176, 177, 404 THRU 527 AND 537 THRU 541 V 174, 280 THRU 304 AND 532 W 175, 305 THRU 403 AND 533 THRU 536 X 183 THRU 209 Y 210 THRU 230 Z 231 THRU 249 AA 001, 002 AND 026 THRU 028 BB 001 THRU 012, 026 AND 027 CC 001 THRU 025, 057 THRU 148 AND 172 THRU 541 DD 001 THRU 025, 027, 057 THRU 148, 173, 176 THRU 182, 404 THRU 527 AND 537 THRU 541 EE 001 THRU 025, 027 THRU 148, 178 THRU 182 AND 555 THRU 558 FF 001 THRU 025, 027 THRU 541 AND 555 THRU 558 GG 001 THRU 025, 028 THRU 148, 172 THRU 541 AND 555 THRU 558 HH 001 THRU 025, 057 THRU 148 AND 178 THRU 182 JJ 001 THRU 025 AND 057 THRU 541 KK 001 THRU 148, 172 THRU 541 AND 555 THRU 558 LL 001 THRU 172, 174, 175, 178 THRU 403, 528 THRU 536 AND 555 THRU 558 MM 003 THRU 025, 029 THRU 092, 146 THRU 171, 178 AND 555 THRU 558 NN 010 THRU 012, 016 THRU 025, 028 THRU 541 AND 555 THRU 558 PP 013 THRU 025, 028 THRU 541 AND 555 THRU 558 QQ 032 THRU 145, 149 THRU 171, 178 THRU 230 AND 555 THRU 557 RR 057 THRU 145 AND 172 THRU 541 SS 149 THRU 177 AND 210 THRU 541 TT 172 THRU 177 AND 210 THRU 541 SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

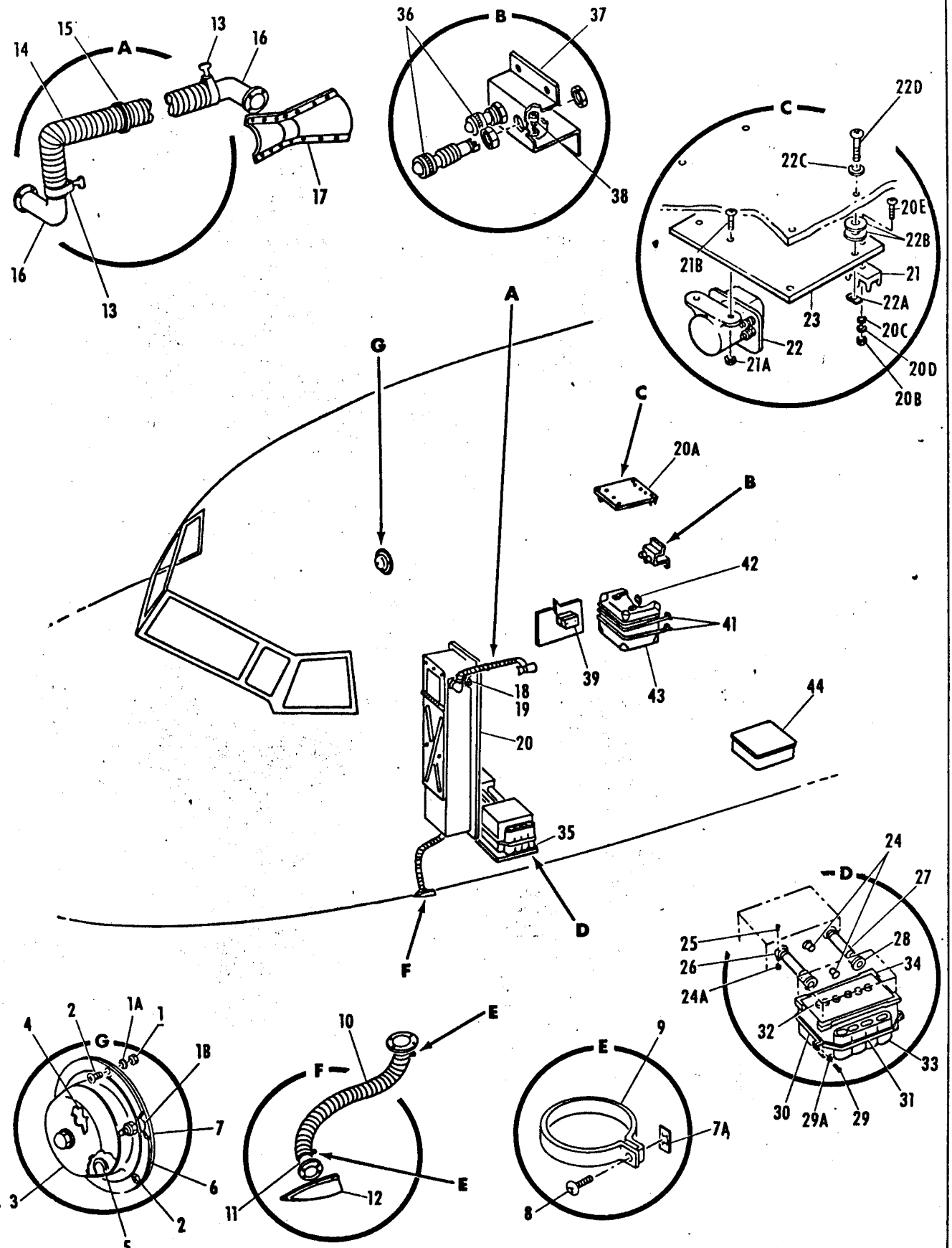

Figure 265. Forward Fuselage Electrical System (Battery, Fuses, and Voltage Regulator)

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
265		FORWARD FUSELAGE ELECTRICAL SYSTEM (BATTERY, FUSES AND VOLTAGE REGULATOR)		
	5141221	ELECTRICAL INSTL, FUSELAGE FORWARD (SEE FIG. 264 FOR NHA)	REF	LS,U
	5205091	ELECTRICAL INSTL, FUSELAGE FORWARD (SEE FIG. 264 FOR NHA)	REF	HK,T
	4347283	BELL INSTL, WARNING (SEE T.O. 1C-1-510)	1	AT
- 1	MS21044N08	NUT, (ALT PN AN365-832)	6	AT
- 1A	S124682-2A10-4	WASHER	6	AT
- 1B	AN507-832R8	SCREW	3	AT
- 2	AN509-8R11	SCREW	3	AT
- 3	168-2	BELL, MONITOR (19557) (ALT PN 168 (19557))	1	AT
- 4	2173559	INSULATOR, WARNING BELL	1	AT
- 5	S4243264N8A	GROMMET, WIRE PROTECTING SPLIT	1	AT
- 6	4347283-2	PLATE, WARNING BELL	1	AT
- 7	4347283-4	PLATE, WARNING BELL	1	AT
	5143858	SYSTEM INSTL, VOLTAGE REGULATOR VENTILATING	1	GH,V
	5189560	SYSTEM INSTL, VOLTAGE REGULATOR VENT	1	JK
- 7A	NAS446-4-1	NUT, (ALT PN 1778M1 (78553))	2	GH,V
- 8	MS24621-31	SCREW, (ALT PN AN530-8-10)	2	GH,V
- 9	S127057-24	CLIP, LOOP TYPE TUBE	2	GH,V
- 10	2143854	TUBE, VOLTAGE REGULATOR INLET VENT	1	GH,V
- 11	2202740	INLET, VOLTAGE REGULATOR VENT	1	GH,V
- 12	2117136	CLAMSHELL, VOLTAGE REGULATOR VENT	1	GH,V
- 13	AN737TW74-82	CLAMP, (SEE T.O. 1C-47-28)	2	GH,V
	FBC38	CLAMP, HOSE (66295)	2	JK
- 14	NO NUMBER	TUBE, AIR DUCT 2 IN. ID (TYPE P322) (SEE T.O. 1C-47-28)	1	GH,V
	5189560-2	HOSE, VOLTAGE REGULATOR VENT (SEE T.O. 1C-47-28)	1	JK
- 15	S177469N7-904	CHANNEL, EXTRUDED ELASTIC (SEE T.O. 1C-47-28)	1	GH,V
- 16	4189559	ELBOW ASSY, VOLTAGE REGULATOR VENT (DRILL ON INSTL) (SEE T.O. 1C-47-28)	2	GH,V
- 17	4189558	VENTURI, VOLTAGE REGULATOR VENT (SEE T.O. 1C-47-28)	1	GH,V
- 18	LK-A42-23-1-1/48	PLUG, (71468)	1	LP,W
	AN3054-20	NUT, (ALT PN 4-1250 (08484))	1	LP,W
	MS35489-23	GROMMET, (ALT PN AN931-16-22)	1	LP,W
- 19	MS35489-27	GROMMET, (ALT PN AN931-24-28)	1	RT,Y
	54D131164	BOX INSTL, POWER SYSTEM JUNCTION (SEE T.O. 1C-1-532) (SEE FIG. 267 FOR DETAILS)	1	AT
- 20	5141252	BOX INSTL, MAIN ELECTRICAL JUNCTION (SEE FIG. 277 AND 278 FOR DETAILS)	1	AT
	NO NUMBER	FUSE, 20 AMP 5AG (75915)	14	P
	NO NUMBER	FUSE, 35 AMP 5AG (75915)	4	A,L
	NO NUMBER	FUSE, 20 AMP 5AG (75915)	18	A
	NO NUMBER	FUSE, 15 AMP 5AG (75915)	30	A,D
	NO NUMBER	FUSE, 15 AMP 5AG (75915)	26	B,L
	NO NUMBER	FUSE, 35 AMP 5AG (75915)	6	AA
	NO NUMBER	FUSE, 20 AMP 5AG (75915)	16	BM
	NO NUMBER	FUSE, 20 AMP 5AG (75915)	20	C
	NO NUMBER	FUSE, 35 AMP 5AG (75915)	10	C
	NO NUMBER	FUSE, 15 AMP 5AG (75915)	28	C
	NO NUMBER	FUSE, 20 AMP 5AG (75915)	12	DF
	NO NUMBER	FUSE, 15 AMP 5AG (75915)	34	MP,X
	NO NUMBER	FUSE, 20 AMP 5AG (75915)	10	MN
	NO NUMBER	FUSE, 35 AMP 5AG (75915)	2	N
	NO NUMBER	FUSE, 2 AMP 5AG (75915)	2	LP,W
	NO NUMBER	FUSE, 5 AMP 5AG (75915)	6	EF
	NO NUMBER	FUSE, 5 AMP 5AG (75915)	4	RS
	NO NUMBER	FUSE, 5 AMP 5AG (75915)	2	D
	1111820	HOLDER, 5AG SPARE FUSE	27	A
	1111820	HOLDER, 5AG SPARE FUSE	25	B
	1111820	HOLDER, 5AG SPARE FUSE	30	C,EF
	1111820	HOLDER, 5AG SPARE FUSE	29	D
	1111820	HOLDER, 5AG SPARE FUSE	24	L,N
	1111820	HOLDER, 5AG SPARE FUSE	23	M
	1111820	HOLDER, 5AG SPARE FUSE	28	P
	1111820	HOLDER, 5AG SPARE FUSE	2	RS
	MS35478-307	LAMP ASSY, (ALT PN AN3124-307)	1	AT
- 20A	5203721	RELAY INSTL, INVERTER	1	EG,Q
- 20B	MS20341-4S	NUT, (ALT PN AN340-4)	3	EG,Q
- 20C	MS35338-40	WASHER, (ALT PN AN935-4)	3	EG,Q
- 20D	AN960-12	WASHER	3	EG,Q
- 20E	MS35206-216	SCREW, (ALT PN AN515-4-7)	3	EG,Q
- 21	MS27212-6-11	TERMINAL BOARD ASSY, (ALT PN S2032879-8A11-12)	1	EG,Q
- 21A	MS21044N08	NUT, (ALT PN AAF 356-832)	2	EG,Q
- 21B	MS35206-245	SCREW, (ALT PN AN526-832-8)	2	EG,Q
- 22	NO NUMBER	RELAY ASSY, (TYPE B-6) (SPEC 94-32352)	1	EG,Q
- 22A	NAS446-4-1	NUT, (ALT PN 1778M1 (78553))	4	EG,Q
- 22B	AN970-3	WASHER	8	EG,Q
- 22C	AN960-8	WASHER, (ALT PN AC940-8)	4	EG,Q
- 22D	MS24621-34	SCREW, (ALT PN AN530-8-16)	4	EG,Q
- 23	4203709	PANEL, INVERTER RELAY	1	EG,Q
	NO NUMBER	FUSE, 5 AMP 5AG (75915)	6	EG
	1111820	HOLDER, 5AG SPARE FUSE	3	E
	1111820	HOLDER, 5AG SPARE FUSE	4	FG
- 24	S119478-22-120	TUBE, FLANGED	2	HK,T

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
	CONTINUED			
265				
	5142656	DUCT INSTL, BATTERY HEATING AIR	1	PT,Y
- 24A	6242-040	NUT, SPEED (78553)	4	PT,Y
- 25	MS24621-43	SCREW, (ALT PN AN530-10-8)	4	PT,Y
- 26	S127057-33	CLIP, LOOP TYPE TUBE	4	PT,Y
- 27	2142014	TUBE, BATTERY AIR DUCT	2	PT,Y
- 28	1142658	OUTLET, BATTERY HEATING AIR DUCT	4	PT,Y
- 29	MS35207-267	SCREW, (ALT PN AN526-1032-16) (SEE T.O. 1C-47-33)	4	AT
- 29A	AN960-10	WASHER, (SEE T.O. 1C-47-33)	4	AT
- 30	46B7651	CLAMP ASSY, BATTERY SUMP BAND (SEE T.O. 1C-47-33)	2	AT
- 31	46B7652	CLAMP ASSY, BATTERY SUMP STRAP (SEE T.O. 1C-47-33)	2	AT
- 32	1189643	CAP ASSY, BATTERY VENT (SEE T.O. 1C-47-33)	12	AT
- 33	4189605	CONTAINER ASSY, BATTERY SUMP (SEE T.O. 1C-47-33)	2	AT
- 34	6FH13	BATTERY ASSY, 88AH EXIDE (20038) (ALT PN 6FHM13-1 (20038))	2	AT
- 35	5140987	SUPPORT INSTL, TELESCOPIC BATTERY (SEE FIG. 279 FOR DETAILS)	1	AT
	5142929	BRACKET INSTL, HEAT AND VENT WARNING LIGHT	1	MS,Z
- 36	44A18454-2	LAMP AND SWITCH ASSY	2	MS,Z
- 37	2189616	BRACKET ASSY, HEAT AND VENT WARNING LIGHT	1	MS,Z
- 38	S1093732-2	STUD ASSY, GROUND	1	MS,Z
	MS25231-313	LAMP ASSY, (ALT PN AN3121-313)	4	MS,Z
- 39	MS24577-2	FLASHER UNIT ASSY, 80 CPM	1	A
		(ATTACHING PARTS)		
	AN526DD832-14	SCREW	2	A
	AN960A8	WASHER	2	A
	AN365D832	NUT	2	A
		---*---		
- 40	DELETED			
	5206109	LAMP INSTL, C-3A SIGNAL	1	ST
- 41	1206108	CORD ASSY, C-3A SIGNAL LAMP	1	ST
- 42	93	HOOK ASSY, AIRCRAFT (71694)	1	ST
- 43	C3A	LAMP ASSY, SIGNAL (SPEC 94-32288) (GFAE)	1	ST
- 44	1141224	BOX INSTL, BATTERY CART RECEPTACLE JUNCTION (SEE FIG. 276 FOR DETAILS)	1	AT
		A 026		
		B 027		
		C 028		
		D 029		
		E 558		
		F 030 THRU 056 AND 555 THRU 558		
		G 149 THRU 171		
		H 172, 210 THRU 279 AND 528 THRU 531		
		J 173 THRU 175, 280 THRU 502 AND 532 THRU 540		
		K 176, 177, 503 THRU 527 AND 541		
		L 001 AND 002		
		M 003 THRU 012		
		N 013 THRU 015		
		P 016 THRU 025 AND 146 THRU 148		
		Q 057 THRU 063		
		R 064 THRU 092 AND 178		
		S 093 THRU 145 AND 179 THRU 182		
		T 183 THRU 209		
		U 026 THRU 056, 149 THRU 171 AND 555 THRU 558		
		V 057 THRU 145 AND 178 THRU 209		
		W 026 THRU 056 AND 555 THRU 558		
		X 030 THRU 056 AND 555 THRU 558		
		Y 030 THRU 056, 149 THRU 177, 210 THRU 536, 539 THRU 541 AND 555 THRU 558		
		Z 027 THRU 056 AND 555 THRU 558		
		AA 016 THRU 025, 027, 029 THRU 056, 146 THRU 148 AND 555 THRU 558		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

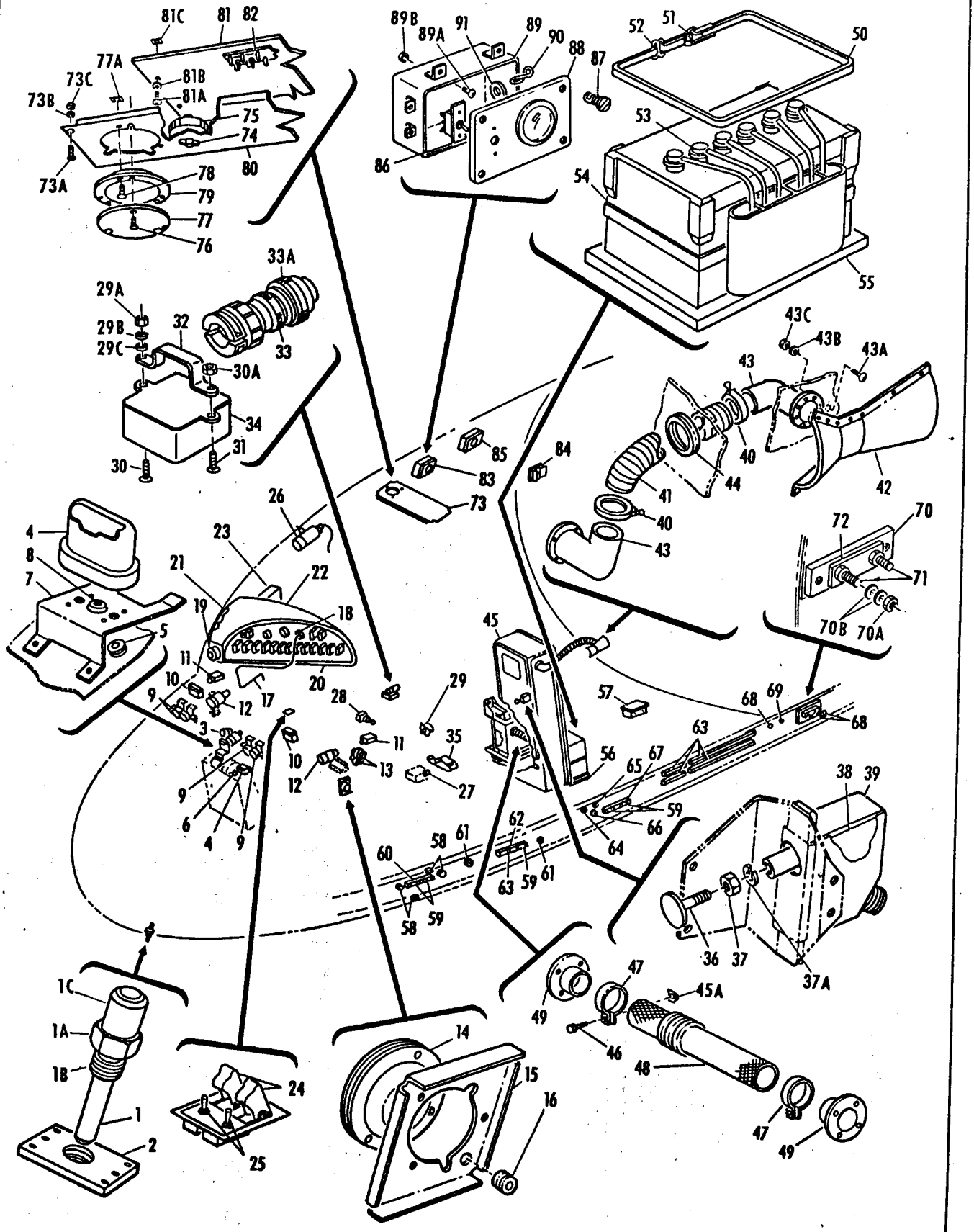

Figure 266. Forward Fuselage Electrical System

V4-242

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
266		FORWARD FUSELAGE ELECTRICAL SYSTEM		
	5188288	ELECTRICAL INSTL, FUSELAGE (SEE FIG. 16 FOR NHA)	REF	A
- 1	AN5525-1	BULB ASSY, (SPEC 94-27321) (GFAE)	1	A
- 1A	AN3054-4	NUT	1	A
- 1B	MS35489-6	GROMMET, (ALT PN AN931-4-7)	1	A
- 1C	MS3106R12S3S	CONNECTOR, (ALT PN AN3106-12S3S)	1	A
- 2	2119998	PLATE, ICE WARNING UNIT MOUNT	1	A
	5188935	LIGHT INSTL, PEDESTAL FLUORESCENT	1	A
- 3	AN3038-1	LAMP ASSY	2	A
	5188937	LIGHT INSTL, PEDESTAL	1	A
- 4	2130136-2	LIGHT ASSY, COCKPIT	2	A
- 5	8	GROMMET, (77969)	1	A
- 6	6	GROMMET, (77969)	1	A
- 7	2130178	SUPPORT ASSY, INSTRUMENT CHECK LIGHT	1	A
- 8	6	GROMMET, (77969)	1	A
	MS25231-313	LAMP ASSY, (ALT PN AN3121-313)	5	A
	5189585	UNIT INSTL, FLUORESCENT LIGHT	1	A
- 9	AN3038-1	UNIT ASSY, CONTROL	4	A
- 10	2130136-4	LIGHT ASSY, COCKPIT	2	A
- 11	2130136-2	LIGHT ASSY, COCKPIT	2	A
	MS15570-303	LAMP ASSY, (ALT PN AN3131-303)	5	A
	6	GROMMET, (77969)	4	A
	5189508	LIGHT INSTL, FLUORESCENT	1	A
- 12	AN3038-1	LAMP ASSY	2	A
- 13	4283593-1	LAMP ASSY, SUPERCHARGER WARNING	2	A
	MS25231-1818	LAMP ASSY, (ALT PN AN3121-1818)	2	A
	5141037	SIGNAL INSTL, LANDING GEAR WARNING	1	A
- 14	1999971-16	HORN ASSY, (16764)	1	A
- 15	4141035	BRACKET ASSY, LANDING GEAR WARNING SIGNAL	1	A
- 16	MS35489-4	GROMMET, (ALT AN931-3-5)	1	A
- 17	2140966	SHIELD ASSY, COMPASS TO PILOT ELECTRICAL PANEL	1	A
- 18	AN3116-1	PLUG ASSY	1	A
- 19	10-29055-1	SWITCH ASSY, IGNITION (TYPE B-6) (SPEC 32428)	1	A
- 20	5188888	PANEL ASSY, PILOT ELECTRICAL LH (SEE FIG. 274 FOR DETAILS)	1	A
- 21	5189096	PANEL ASSY, PILOT ELECTRICAL RH (SEE FIG. 275 FOR DETAILS)	1	A
		(ATTACHING PARTS)		
	MS35214-42	SCREW, (ALT PN AN515B8-8)	16	A
- 22	5188865	MOUNT ASSY, PILOT ELECTRICAL PANEL	1	A
		(ATTACHING PARTS)		
	MS35214-41	SCREW, (ALT PN AN515B8-7)	10	A
	MS35214-42	SCREW, (ALT PN AN515B8-8)	14	A
	MS21044D08	NUT, (ALT PN AN365D832)	10	A
- 23	5188179	BOX ASSY, SPARE LAMP (SEE FIG. 276 FOR DETAILS)	1	A
		(ATTACHING PARTS)		
	MS35218-28	SCREW, (ALT PN AN526DD632-10)	4	A
	AN960D6	WASHER	8	A
	MS21044D06	NUT, (ALT PN AN365D632)	4	A
	MS15616-1	LAMP ASSY	4	A
	MS15570-303	LAMP ASSY, (ALT PN AN3131-303)	6	A
	MS25231-313	LAMP ASSY, (ALT PN AN3121-313)	13	A
- 24	MS25224-3	GUARD ASSY, (ALT PN AN3028-4) (SEE T.O. 1C-1-41)	2	A
- 25	MS35058-30	SWITCH ASSY, (ALT PN AN3021-8) (SEE T.O. 1C-1-41)	2	A
	5141218	SPOTLIGHT INSTL, COCKPIT	1	A
- 26	NO NUMBER	LAMP ASSY, COCKPIT (TYPE C-4) (SPEC 94-32294-4)	1	A
	AN3054-4	NUT	1	A
	MS35489-6	GROMMET, (ALT PN AN931-4-7)	1	A
- 27	MS3108R12S4S	CONNECTOR, (ALT PN AN3108-12S4S)	1	A
- 28	5141396	BOX INSTL, LANDING GEAR VALVE SWITCH	1	A
		(SEE FIG. 276 FOR DETAILS)		
- 29	NO NUMBER	RHEOSTAT ASSY, DEICER (TYPE 0-3A (44655))	1	A
		(USED WITH PN 100-3 (64560))		
	AN931-3-4	GROMMET	1	A
	2203226	CAPACITOR ASSY, DEFROSTER MOTOR	1	A
- 29A	MS20341-8C	NUT, (ALT PN AN340-8)	1	A
- 29B	MS35338-42	WASHER, (ALT PN AN935-8)	1	A
- 29C	MS35333-38	WASHER, (ALT PN AN936B8)	1	A
- 30	MS35218-243	SCREW, (ALT PN AN515-8-6)	1	A
- 30A	NAS446-1-1	NUT, (ALT PN 1778M1 (78553))	1	A
- 31	MS24621-29	SCREW, (ALT PN AN530-8-6)	1	A
- 32	1203225	BRACKET, DEFROSTER MOTOR CAPACITOR	1	A
- 33	MS3106R18-3S	CONNECTOR, (ALT PN AN3106-18-3S)	1	A
- 33A	MS3057-10A	ADAPTER, (ALT PN AN3057-10)	1	A
- 34	CA275X	CAPACITOR ASSY, (37942)	1	A
- 35	5141613	SWITCH INSTL, THROTTLE WARNING (SEE FIG. 276 FOR DETAILS)	1	A
	5116870	SWITCH INSTL, PILOT ENTRANCE DOOR SAFETY LIGHT	1	A
- 36	1202076	BUTTON ASSY, SAFETY LIGHT SWITCH	1	A
- 37	AN315-3R	NUT	1	A
- 37A	MS35337-12	WASHER, (ALT PN AN935-1016)	1	A
- 38	NO NUMBER	MICROSWITCH ASSY, (TYPE R-R36) (91929)	1	A
- 39	NO NUMBER	BOX ASSY, MICROSWITCH (TYPE H) (CAT. LE STRAIGHT 1-1/16 X 24) (91929)	1	A

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
	CONTINUED			
266				
	5189560	SYSTEM INSTL, VOLTAGE REGULATOR VENT	1	A
- 40	FBC38	CLAMP, HOSE (66295)	2	A
	AN748-74	CLAMP, (SEE T. O. 1C-47-28)	2	A
- 41	5189560-2	HOSE, VOLTAGE REGULATOR VENT	1	A
	6600-380700	HOSE, AIRDUCT 2 IN. ID (TYPE P-322) (SEE T.O. 1C-47-28)	1	A
- 42	4189558	VENTURI, VOLTAGE REGULATOR VENT SYSTEM (SEE T.O. 1C-47-28)	1	A
- 43	4189559	ELBOW ASSY, VOLTAGE REGULATOR VENT SYSTEM (SEE T.O. 1C-47-28)	2	A
		(ATTACHING PARTS)		
- 43A	MS35206-243	SCREW, (ALT PN AN515-8-6)	7	A
- 43B	AN960-8	WASHER	7	A
- 43C	MS21044N08	NUT, (ALT PN AN365-832)	7	A
- 44	S177469N7-904	CHANNEL, EXTRUDED ELASTIC (SEE T.O. 1C-47-28)	1	A
	54D131164	BOX INSTL, POWER SYSTEM JUNCTION (SEE T.O. 1C-1-532) (SEE FIG. 267 FOR DETAILS)	1	A
- 45	5188273	BOX INSTL, MAIN ELECTRICAL JUNCTION (SEE FIG. 278 FOR DETAILS)	1	A
	MS35478-307	LAMP ASSY, (ALT PN AN3124-307)	1	A
	5142656	DUCT INSTL, BATTERY HEATING AIR	1	A
- 45A	6242-040	NUT, SPEED (78553)	4	A
- 46	MS24621-43	SCREW, (ALT PN AN530-10-8)	4	A
- 47	S127057-33	CLIP, LOOP TYPE TUBE	4	A
- 48	2142014	TUBE, BATTERY AIR DUCT	2	A
- 49	1142658	OUTLET, BATTERY HEATING AIR DUCT	4	A
	5189648	SUMP INSTL, BATTERY	1	A
- 50	2189647	STRAP ASSY, BATTERY SUMP	2	A
- 51	2403938	BUCKLE ASSY, BATTERY SUMP STRAP TOGGLE	1	A
- 52	02300-3-4	SLIDE, BATTERY SUMP STRAP (76786)	1	A
- 53	1189643	CAP, BATTERY VENT	12	A
- 54	4189605	CONTAINER, BATTERY SUMP	2	A
- 55	6FHM13-1	BATTERY ASSY, EXIDE (TYPE 88AH) (20038)	2	A
- 56	5140987	SUPPORT INSTL, TELESCOPIC BATTERY (SEE FIG. 279 FOR DETAILS)	1	A
- 57	5141224	BOX INSTL, BATTERY CART RECEPTACLE JUNCTION (SEE FIG. 276 FOR DETAILS)	1	A
	5141640	TUNNEL INSTL, FUSELAGE ELECTRICAL	1	A
- 58	MS35489-9	GROMMET, (ALT PN AN931-5-9)	4	A
- 59	MS25226-10-2	LINK, (ALT PN S124360-750-2)	5	A
- 60	MS27212-6-8	TERMINAL BOARD ASSY, (ALT PN S2032879-8A8-12)	1	A
- 61	MS35489-13	GROMMET, (ALT PN AN931-7-11)	2	A
- 62	MS27212-6-6	TERMINAL BOARD ASSY, (ALT PN S2032879-8B6-12)	1	A
- 63	MS27212-6-16	TERMINAL BOARD ASSY, (ALT PN S2032879-8A16-12)	5	A
- 64	MS35489-23	GROMMET, (ALT PN AN931-16-22)	1	A
- 65	MS35489-22	GROMMET, (ALT PN AN931-14-20)	1	A
- 66	MS35489-20	GROMMET, (ALT PN AN931-12-17)	1	A
- 67	MS27212-6-6	TERMINAL BOARD ASSY, (ALT PN S2032879-8A6-12)	1	A
- 68	MS35489-21	GROMMET, (ALT PN AN931-12-23)	3	A
- 69	MS35489-18	GROMMET, (ALT PN AN931-10-20)	1	A
- 70	4118916	BLOCK ASSY, FUSELAGE TUNNEL BUS	1	A
- 70A	COML	NUT, 3/8 X 16 HEX BRASS (18702)	2	A
- 70B	AN960B616	WASHER	4	A
- 71	MS51959-112	SCREW, (ALT PN AN505B616-20)	2	A
- 72	1119221	BUS ASSY, FUSELAGE TUNNEL	1	A
	5209868	LIGHT INSTL, FORWARD PASSAGEWAY DOME	1	A
- 73	4209870	PANEL ASSY, FORWARD PASSAGEWAY DOME LIGHT (ATTACHING PARTS)	1	A
- 73A	MS24621-29	SCREW, (ALT PN AN530-8-6)	6	A
- 73B	AN960-8	WASHER	6	A
- 73C	NAS488-6-1	NUT, (ALT PN A1804-8Z1 (78553))	6	A
- 74	NO NUMBER	KNOB ASSY, RHEOSTAT (TYPE 5102) (44655)	1	A
- 75	0448	RHEOSTAT ASSY, (25 OHMS 100 WATT) (TYPE 352) (MODEL K) (44655)	1	A
- 76	MS35206-242	SCREW, (ALT PN AN526-832-5)	3	A
- 77	2369286	LENS, DOME LIGHT (ALT PN 1115903)	1	A
- 77A	NAS446-2-1	NUT, (ALT PN A1181-6Z1 (78553))	3	A
- 78	S2656010-6-6	SCREW, 100 DEGREE RECESSED FLAT HEAD SHEET METAL (ALT PN S1114189Z6-6)	3	A
- 79	SA1957B	LIGHT ASSY, (81251)(USE MS35478-307 BULB)	1	A
- 80	4209869	PANEL, FORWARD PASSAGEWAY DOME LIGHT	1	A
- 81	4209874	PANEL ASSY, FORWARD PASSAGEWAY TERMINAL STRIP (ATTACHING PARTS)	1	A
- 81A	AN530-8-5	SCREW	4	A
- 81B	AN960-8	WASHER	4	A
- 81C	A6264H8Z-C1	CLIP, (78553)	4	A
- 82	MS27212-6-12	TERMINAL BOARD ASSY, (ALT PN S2032879-8A12-12)	2	A

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
	CONTINUED			
266				
	5188825	LIGHT INSTL, FORWARD BAGGAGE DOME RH	1	A
	5188325	LIGHT INSTL, FORWARD CARGO COMPARTMENT DOME LH	1	A
	5188363	LIGHT INSTL, FORWARD CARGO COMPARTMENT DOME RH	1	A
- 83	5188825-8	BOX ASSY, FORWARD BAGGAGE DOME LIGHT RH	1	A
- 84	5188325-8	BOX ASSY, FORWARD CARGO COMPARTMENT DOME LIGHT LH	1	A
- 85	5188363-8	BOX ASSY, FORWARD CARGO COMPARTMENT DOME LIGHT RH	1	A
	5188825-4	COVER ASSY, DOME LIGHT RH	1	A
	5188325-4	COVER ASSY, DOME LIGHT LH	1	A
	5188363-4	COVER ASSY, DOME LIGHT RH	1	A
- 86	AN3022-2	SWITCH ASSY	4	A
- 87	AJ4-50	FASTENER, (72794)	1	A
- 88	5188825-2	COVER, DOME LIGHT RH (MAKE FROM MT2009-040-010 (82265))	1	A
	5188325-2	COVER, DOME LIGHT LH (MAKE FROM MT2009-040-010 (82265))	1	A
	5188363-2	COVER, DOME LIGHT RH (MAKE FROM MT2009-040-010 (82265))	1	A
- 89	5188825-6	BOX ASSY, DOME LIGHT RH (MAKE FROM MT1009-040-200 (82265))	1	A
	5188325-6	BOX ASSY, DOME LIGHT LH (MAKE FROM MT1009-040-200 (82265))	1	A
	5188363-6	BOX ASSY, DOME LIGHT RH (MAKE FROM MT1009-040-200 (82265))	1	A
		(ATTACHING PARTS)		
- 89A	MS35206-243	SCREW, (ALT PN AN515-8-6)	4	A
- 89B	MS21044N08	NUT, (ALT PN AN365-832)	4	A
		----#---		
- 90	SB4-2	SPRING, (72794)	4	A
- 91	MS35489-9	GROMMET, (ALT PN AN931-5-9)	4	A
	20	LIGHT ASSY, DOME (77924)	3	A
	142144	GASKET ASSY, SMALL DOME LIGHT	3	A
	MS15570-303	LAMP ASSY, (ALT PN AN3131-303)	3	A
		A 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

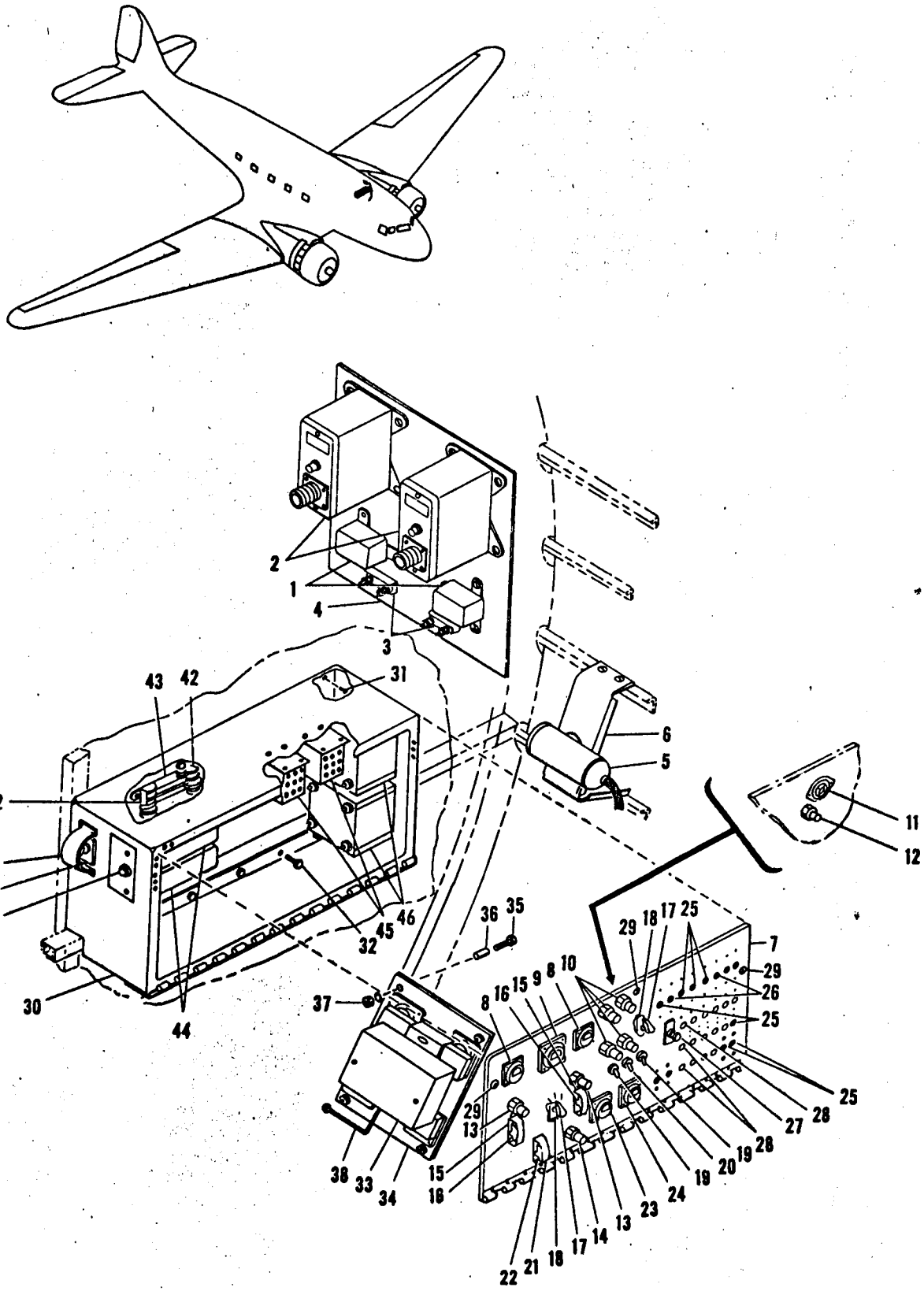

Figure 267. Power System Junction Box

V4-247

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
267	54D131164	BOX INSTL, POWER SYSTEM JUNCTION (SEE T.O. 1C-1-532) (SEE FIG. 265 AND 266 FOR NHA)	REF	
- 1	PR9502	RELAY ASSY, (77221)	2	
- 2	TD805H3	RELAY ASSY, OVERVOLTAGE (74063) (SEE T.O. 1-1-659)	2	
- 3	MS27212-1-2	TERMINAL BOARD ASSY, (ALT PN AN3436-2-2)	2	
	MS25227-1	STRIP, (ALT PN AN3434-1)	4	
- 4	54C131161	PANEL ASSY, GENERATOR RELAY	1	
		(ATTACHING PARTS)		
	AN3-4A	BOLT	4	
	AN960-10L	WASHER	4	
- 5	C4A	LIGHT ASSY, COCKPIT (SPEC MIL-L-6484) (GFAE)	1	
		(ATTACHING PARTS)		
	MS35206-245	SCREW, (ALT PN AN515-8-8)	2	
	AN960-8L	WASHER	2	
	MS21044N08	NUT, (ALT PN AN365-832)	2	
- 6	54C131112	BRACKET, COCKPIT LIGHT	1	
- 7	55D20950	PANEL ASSY, POWER SYSTEM JUNCTION BOX	1	
- 8	8DN4ACA	LOADMETER, TYPE G-1 (24446)	2	
- 9	AN3203V30	VOLTMETER	1	
- 10	MS25331-6	LIGHT ASSY, (ALT PN AN3157-6)	4	A
- 11	7526	RECEPTACLE, (74545) (SEE T.O. 1C-47(S)-506)	1	B
- 12	MS25331-6	LIGHT ASSY, (ALT PN AN3157-6)	1	B
- 13	MS25331-8	LIGHT ASSY, (ALT PN AN3157-8)	2	
- 14	MS25331-2	LIGHT ASSY, (ALT PN AN3157-2)	1	
	MS25231-313	LAMP, (ALT PN AN3121-313)	7	
- 15	45A21662	GUARD	2	
- 16	MS25104-31	SWITCH ASSY, (ALT PN AN3227-5)	2	
- 17	AN3220-3	KNOB	2	
- 18	MS25002-1	SWITCH ASSY, (ALT PN AN3211-1)	2	
- 19	MS25105-21	SWITCH ASSY, (ALT PN AN3226-1)	2	
- 20	MS25103-23	SWITCH ASSY, (ALT PN AN3023-3)	1	
- 21	MS25224-2	GUARD, (ALT PN AN3028-3)	1	
- 22	MS25105-23	SWITCH ASSY, (ALT PN AN3226-3)	1	
- 23	8AW59FAA1	METER, (24446)	1	
- 24	MS24332-1	VOLTMETER, (ALT PN AN3202-1)	1	
- 25	MS25017-5	BREAKER ASSY	11	
- 26	MS25017-20	BREAKER ASSY	2	
- 27	MS25017-10	BREAKER ASSY, (SEE T.O. 1C-47(S)-506)	1	B
- 28	51118	BUTTON, PLUG (61349)	15	
- 29	A5AJW5-40	STUD, FASTENER (72794)	3	
	GA5-375	GROMMET, (72794)	3	
- 30	54D131181	BOX ASSY, POWER SYSTEM JUNCTION	1	
		(ATTACHING PARTS)		
- 31	MS35206-263	SCREW, (ALT PN AN515-10-8)	7	
	AN960-10L	WASHER	14	
	MS21044N3	NUT, (ALT PN AN365-1032A)	7	
- 32	AN3-10A	BOLT	5	
	6981B	NUT, LOKSKRU (17875)	5	
- 33	35884	RELAY ASSY, FIRE DETECTION (19500)	1	
- 34	MS21079-4	MOUNT ASSY, FIRE DETECTION RELAY (ALT PN NAS1036)	1	
		(ATTACHING PARTS)		
- 35	AN3-11A	BOLT	4	
- 36	NAS43HT3-40	SPACER, (ALT PN NAS43-3-40)	4	
	AN960D10L	WASHER	12	
- 37	MS21044N3	NUT, (ALT PN AN365-1032)	4	
- 38	MS25083-2BB6	JUMPER ASSY	1	
- 39	NASC09000	GUARD ASSY, (00861) (ALT PN 49-1416 (15605))	1	
- 40	D6364-1-120	BREAKER ASSY, CIRCUIT (82647)	1	
- 41	PDLM70	BREAKER ASSY, CIRCUIT (82647)	1	
- 42	44B9004-2	RESISTOR, GENERATOR EQUALIZING	2	
- 43	54C131188	BRACKET ASSY, EQUALIZING RESISTOR MOUNTING	1	
- 44	44B18574	RELAY ASSY, SINGLE POLE SINGLE THROW	2	
- 45	MS24149D1	RELAY ASSY, (ALT PN AN3311-1)	2	
- 46	MS27433-300	SWITCH ASSY, (ALT PN AN3025-1)	2	
		A ALL AIRPLANES EXCEPT SC-47 SERIES		
		B ALL SC-47 SERIES AIRPLANES		

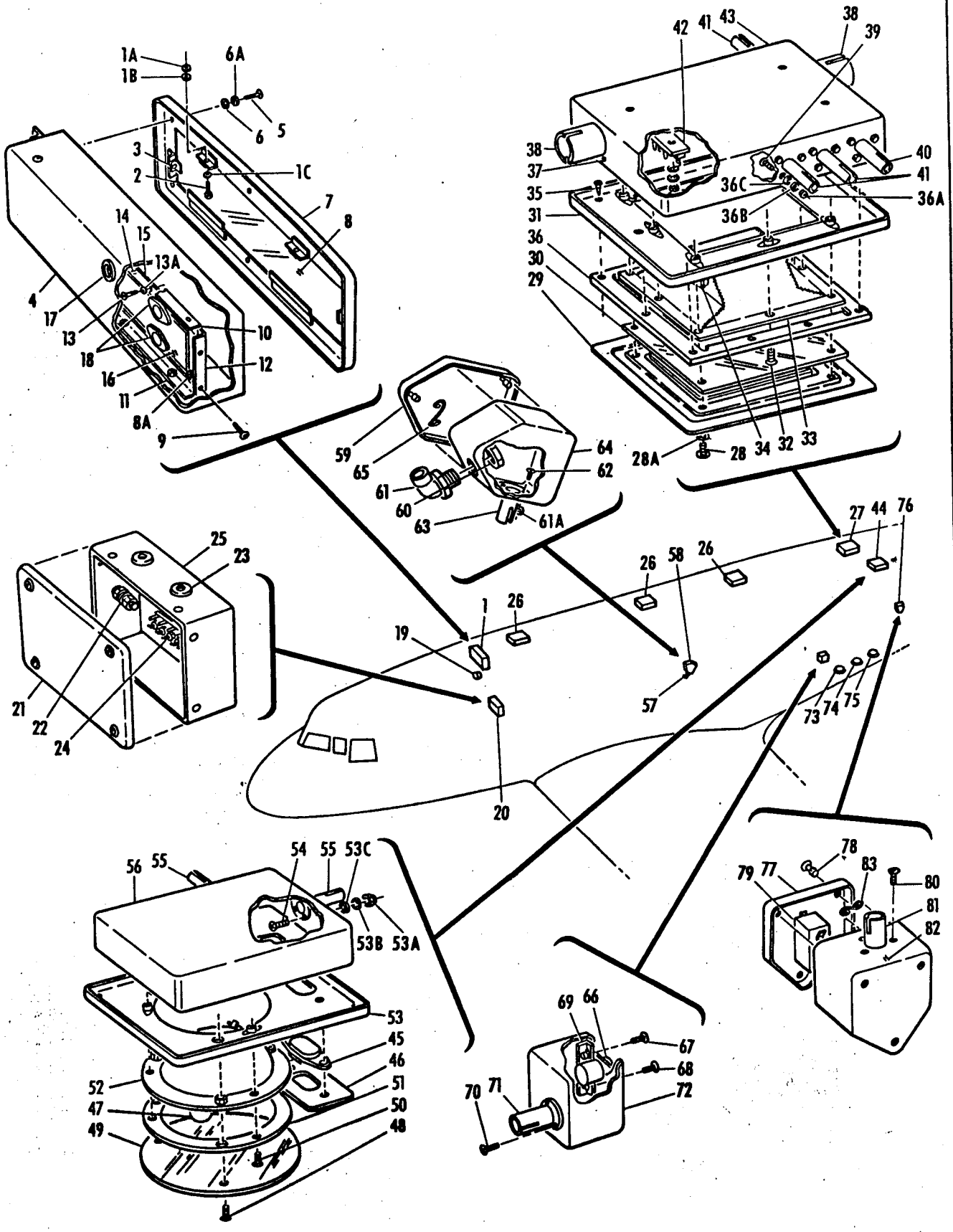

Figure 268. Center Fuselage Electrical System

V4-263

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
268		CENTER FUSELAGE ELECTRICAL SYSTEM		
	5188288	ELECTRICAL INSTL, FUSELAGE (SEE FIG. 16 FOR NHA)	REF	A
- 1	5188848	SIGN ASSY, SEAT BELT	1	A
- 1A	MS20341-4S	NUT, (ALT PN AN340-4)	4	A
- 1B	MS35338-40	WASHER, (ALT PN AN935-4)	4	A
- 1C	AN960-4	WASHER	4	A
- 2	MS35206-213	SCREW, (ALT PN AN515-4-4)	4	A
- 3	5188848-10	CLIP, SEAT BELT SIGN	1	A
- 4	5188848-17	BOX ASSY, SEAT BELT SIGN	6	A
- 5	AN255-8	SCREW, (ALT PN S1000373)	6	A
- 6	S1003342	WASHER, FIBER	6	A
- 6A	AN960-8	WASHER	1	A
- 7	5188848-3	COVER ASSY, SEAT BELT SIGN	1	A
- 8	2188859	GLASS, SEAT BELT SIGN	12	A
- 8A	MS21044D06	NUT, (ALT PN AN365D632)	12	A
- 9	MS35206-227	SCREW, (ALT PN AN515-6-5)	1	A
- 10	5188848-4	ANGLE, SEAT BELT SIGN BOX (MAKE FROM S1000142-1312)	1	A
- 11	5188848-5	ANGLE, SEAT BELT SIGN BOX (MAKE FROM S1000142-1312)	2	A
- 12	5188848-6	ANGLE, SEAT BELT SIGN BOX (MAKE FROM S1000142-407)	8	A
- 13	MS35206-244	SCREW, (ALT PN AN515-8-7)	8	A
- 13A	AN960-8	WASHER	1	A
- 14	5188848-16	PANEL ASSY, SEAT BELT SIGN BOX	1	A
- 15	5188848-14	STRIP, SEAT BELT SIGN BOX (MAKE FROM S177469-3-1428)	1	A
- 16	5188848-11	SHEET, SEAT BELT SIGN BOX	1	A
- 17	MS35489-11	GROMMET, (ALT PN AN931-6-10)	6	A
- 18	NO NUMBER	SOCKET ASSY, (TYPE SCF-DO) (71468)	14	A
	MS35478-307	LAMP ASSY, (ALT PN AN3124-307)	1	A
- 19	103S	LIGHT ASSY, RED (STEWARDESS CALL) (81590)	1	A
	MS25231-313	LAMP ASSY, (ALT PN AN3121-313)	1	A
	3188332	BOX INSTL, CARBON MONOXIDE SIGNAL JUNCTION	1	A
- 20	4188324	BOX ASSY, CARBON MONOXIDE JUNCTION	1	A
- 21	S4105783-3	COVER ASSY, JUNCTION BOX	1	A
- 22	S1093732	STUD ASSY, GROUND	1	A
- 23	MS35489-11	GROMMET, (ALT PN AN931-6-10)	2	A
- 24	MS27212-6-4	STRIP ASSY, TERMINAL (ALT PN S2032879-8A4-16)	2	A
- 25	S4105783-200N	BOX ASSY, NUMBER 3 STANDARD JUNCTION	1	A
- 26	3188387	LIGHT INSTL, DOME	3	A
- 27	3188389	LIGHT INSTL, ENTRANCE DOME	1	A
- 28	1185321-1	SCREW, 8-32 RECESSED HEAD RELIEF	4	A
- 28A	S1003342	WASHER, FIBER	4	A
- 29	4188771	PLATE, DOME LIGHT TRIM	1	A
- 30	2188781	GLASS, DOME LIGHT	1	A
	5188745	BOX ASSY, DOME LIGHT	1	A
	5188777	BOX ASSY, ENTRANCE DOME LIGHT	1	A
	5188745-4	COVER ASSY, DOME LIGHT BOX	1	A
	5188777-4	COVER ASSY, ENTRANCE DOME LIGHT	1	A
- 31	MT3023-051-010	COVER ASSY, DOME LIGHT BOX (82265)	4	A
- 32	MS35190-250	SCREW, (ALT PN AN505-8-5)	1	A
- 33	4188579	SHIELD ASSY, DOME LIGHT	2	A
- 34	NO NUMBER	SOCKET ASSY, (TYPE SCF-DO) (71468)	10	A
- 35	AN550-2R2	SCREW	1	A
- 36	2188754	FILLER, DOME LIGHT TRIM	1	A
	5188745-2	BOX ASSY, DOME LIGHT	1	A
	5188777-2	BOX ASSY, ENTRANCE DOME LIGHT	20	A
- 36A	MS20341-4S	NUT, (ALT PN AN340-4)	20	A
- 36B	MS35338-40	WASHER, (ALT PN AN935-4)	20	A
- 36C	AN960-4	WASHER	8	A
- 37	MS35206-214	SCREW, (ALT PN AN515-4-5)	2	A
- 38	S119478-18-120	TUBE, FLANGED	12	A
- 39	MS35206-213	SCREW, (ALT PN AN515-4-4)	1	A
- 40	S119478-10-120	TUBE, FLANGED (USED ON 5188777-2)	3	A
- 41	S119478-8-120	TUBE, FLANGED (USED ON 5188777-2)	2	A
- 42	MS27212-6-6	STRIP ASSY, TERMINAL (ALT PN S2032879-886-12) (USED ON 5188777-2)	1	A
- 43	MT1023-051-204	BOX ASSY, DOME LIGHT (82265)	1	A
	4189054	LIGHT INSTL, BUFFET	1	A
- 44	4189048	LIGHT ASSY, BUFFET	1	A
- 45	8480K4	SWITCH ASSY, (15605) (ALT PN 8907K502 (15605))	1	A
- 46	1189044	PLATE, BUFFET LIGHT SWITCH	1	A
- 47	MS35478-307	LAMP ASSY, (ALT PN AN3124-307)	3	A
- 48	MS51957-44	SCREW, (ALT PN AN526C832-7)	1	A
- 49	2369286	LENS, DOME LIGHT (ALT PN 1115903)	3	A
- 50	AN505-6-9	SCREW	1	A
- 51	1189045	PLATE, BUFFET LIGHT BOX	1	A
- 52	HD1001	LIGHT, DOME (78493)	1	A
- 53	4189047	COVER ASSY, BUFFET LIGHT BOX	6	A
- 53A	MS20341-4S	NUT, (ALT PN AN340-4)	6	A
- 53B	MS35338-40	WASHER, (ALT PN AN935-4)	6	A
- 53C	AN960-4	WASHER	6	A
- 54	MS35206-213	SCREW, (ALT PN AN515-4-4)	2	A
- 55	S119478-8-120	TUBE, FLANGED	1	A
- 56	4189049	BOX ASSY, BUFFET LIGHT	1	A
- 57	MS3108E12S4S	CONNECTOR, (ALT PN AN3108-12S4S)	1	A
	5188912	BOX INSTL, DEICER ELECTRICAL EQUIPMENT	1	A
- 58	2188911	BOX ASSY, DEICER ELECTRICAL EQUIPMENT PULL	1	A
- 59	2188911-4	COVER ASSY, DEICER PULL BOX (MAKE FROM MT5401-040-005 (82265))	1	A

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
268 - 60	NAF213028-3	NUT, (ALT PN 6-0312 (08484))	1	A
- 61	S171658-3	COUPLING, 90 DEGREE CONDUIT	1	A
- 61A	MS21044N04	NUT, (ALT PN AN365-440)	3	A
- 62	MS35206-214	SCREW, (ALT PN AN515-4-5)	3	A
- 63	S119478-8-120	TUBE, FLANGED	1	A
- 64	2188911-2	BOX ASSY, DEICER PULL (MAKE FROM MT1401-040-216 (82265))	1	A
- 65	SX219	SPRING, (72794)	3	A
	4188461	BOX INSTL, PASSENGER DOOR SWITCH AND RECEPTACLE	1	A
- 66	8873K1	SWITCH ASSY, (15605) (ALT PN 8096 (15605))	1	A
- 67	AN507-832R8	SCREW	2	A
- 68	MS35206-245	SCREW, (ALT PN AN526-832-8)	2	A
	2188828	BOX ASSY, PASSENGER DOOR SWITCH AND RECEPTACLE	1	A
- 69	2188828-6	ANGLE ASSY, SWITCH AND RECEPTACLE BOX	1	A
- 70	MS35206-213	SCREW, (ALT PN AN515-4-4)	3	A
- 71	S119478-8-120	TUBE, FLANGED	1	A
- 72	2188828-2	BOX ASSY, SWITCH AND RECEPTACLE (MAKE FROM MT1004-040-200 (82265))	1	A
	5141239	LIGHT INSTL, LOWER RECOGNITION	1	A
- 73	AN3096-5	LAMP ASSY, RED LENS (TYPE E-2) (24 VOLT) (SPEC 94-32374) (GFAE)	1	A
- 74	NO NUMBER	LAMP ASSY, GREEN LENS (TYPE E-2) (24 VOLT) (SPEC 94-32374) (GFAE)	1	A
- 75	NO NUMBER	LAMP ASSY, AMBER LENS (TYPE E-2) (24 VOLT) (SPEC 94-32374) (GFAE)	1	A
	4188551	SWITCH INSTL, CABIN DOME LIGHT	3	A
- 76	4188550	BOX ASSY, CABIN DOME LIGHT SWITCH	1	A
- 77	4188550-6	COVER ASSY, LIGHT SWITCH BOX (MAKE FROM MT5401-040-005 (82265))	1	A
- 78	AJ4-50	FASTENER, (72794)	1	A
- 79	AN3022-3B	SWITCH ASSY	3	A
- 80	MS35206-213	SCREW, (ALT PN AN515-4-4)	1	A
- 81	S119478-10-120	TUBE, FLANGED	3	A
	4188550-4	BOX ASSY, LIGHT SWITCH RIVETED	1	A
- 82	4188550-2	BOX ASSY, LIGHT SWITCH (MAKE FROM MT1401-040-200 (82265))	1	A
- 83	SX219	SPRING, (72794)	1	A
			3	A
		A 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

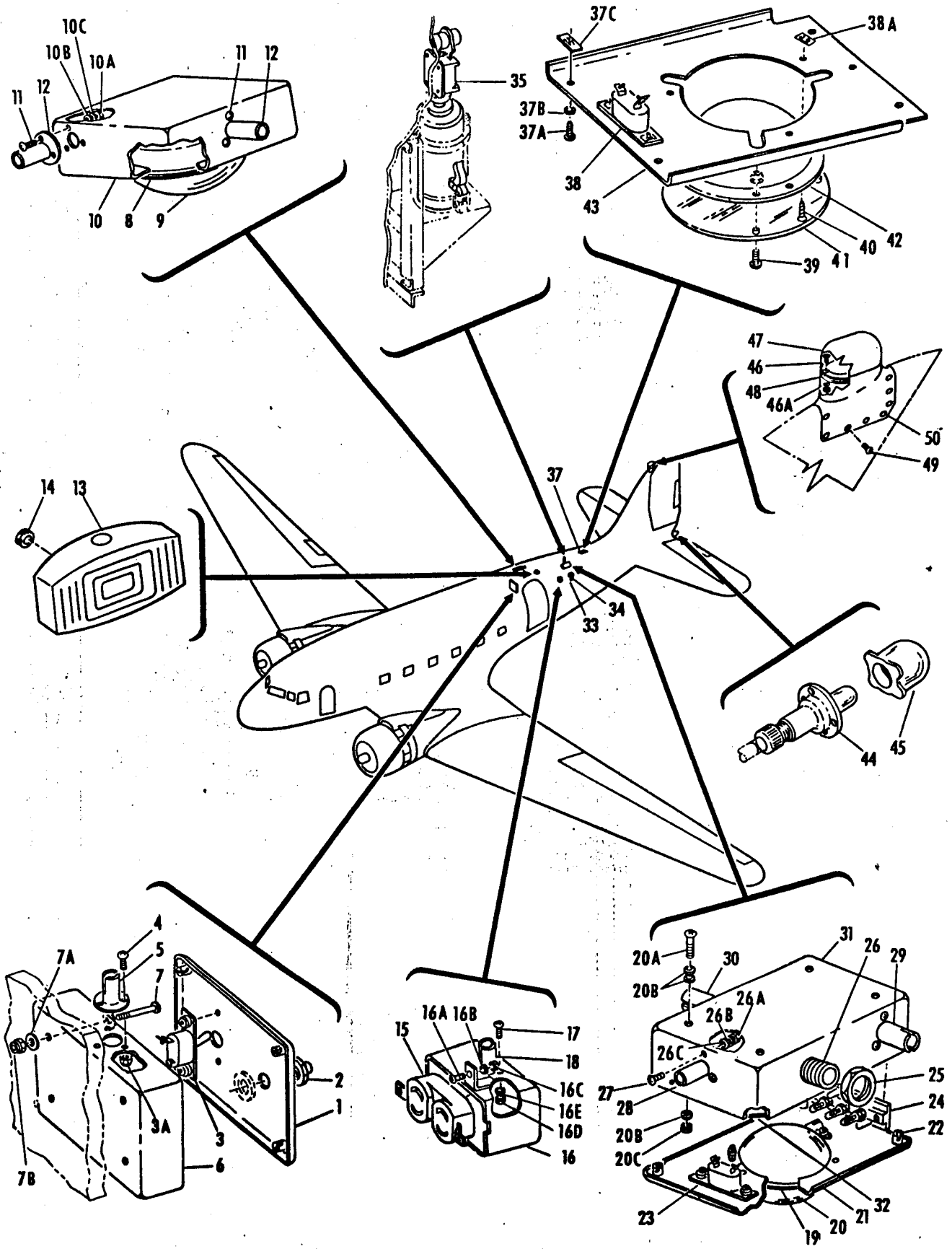

Figure 269. Aft Fuselage Electrical System

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
269		ART FUSELAGE ELECTRICAL SYSTEM		
	5188288	ELECTRICAL INSTL, FUSELAGE (SEE FIG. 16 FOR NHA)		
	4188890	BOX INSTL, LAVATORY SWITCH	REF	A
- 1	S4105783-3	COVER ASSY, NUMBER 3 STANDARD JUNCTION BOX	1	A
- 2	D3E	BUTTON ASSY, PUSH (71468)	1	A
- 3	AN3022-2	SWITCH ASSY, (ALT PN AN3022-2B)	1	A
- 3A	MS21044N04	NUT, (ALT PN AN365-440)	1	A
- 4	MS35206-214	SCREW, (ALT PN AN515-4-5)	3	A
- 5	S119478-8-120	TUBE, FLANGED	3	A
- 6	4188890-2	BOX ASSY, LAVATORY SWITCH (MAKE FROM S4105783-200N)	1	A
		(ATTACHING PARTS)	1	A
- 7	AN515-8-18	SCREW		
- 7A	AN960-8	WASHER		
- 7B	MS21044N08	NUT, (ALT PN AN365-832)	4	A
		---#---	8	A
	4188401		4	A
- 8	S133538	LIGHT INSTL, LAVATORY DOME		
- 9	21	GASKET ASSY, DOME LIGHT	1	A
- 10	4188908	LIGHT ASSY, DOME (77924)	1	A
- 10A	MS20341-4S	BOX ASSY, LAVATORY DOME LIGHT	1	A
- 10B	AN960-4	NUT, (ALT PN AN340-4)	1	A
- 10C	MS35338-40	WASHER	6	A
- 11	MS35206-213	WASHER, (ALT PN AN935-4)	6	A
- 12	S119478-8-120	SCREW, (ALT PN AN515-4-4)	6	A
	MS35478-307	TUBE, FLANGED	6	A
	4188989	LAMP ASSY, (ALT PN AN3124-307)	2	A
- 13	C-S211-6	CHIME INSTL, STEWARDESS	1	A
- 14	MS35489-4	CHIME ASSY, STEWARDESS (19557)	1	A
	5189177	GROMMET, (ALT PN AN931-3-5)	1	A
- 15	7540	RECEPTACLE AND COVER INSTL	1	A
- 16	4189168	RECEPTACLE ASSY, (74545)	1	A
		COVER ASSY, RECEPTACLE	1	A
- 16A	MS35206-238	(ATTACHING PARTS)	1	A
- 16B	COML	SCREW, (ALT PN AN515-6-32)		
- 16C	MS21044D06	WASHER, (TYPE AN960)		
		NUT, (ALT PN AN365D632)	2	A
- 16D	MS21044D04	---#---	2	A
- 16E	AN960-4	NUT, (ALT PN AN365D440)	2	A
- 17	MS35206-213	WASHER		
- 18	S119478-8-120	SCREW, (ALT PN AN515-4-4)	3	A
	3188388	TUBE, FLANGED	3	A
- 19	S133538	BOX INSTL, REAR BAGGAGE COMPARTMENT LIGHT JUNCTION	3	A
- 20	21	GASKET ASSY, DOME LIGHT	1	A
	3188385	LIGHT ASSY, (77924)	1	A
		BOX ASSY, REAR BAGGAGE COMPARTMENT LIGHT JUNCTION	1	A
- 20A	MS35207-230	(ATTACHING PARTS)	1	A
- 20B	AN960D6	SCREW, (ALT PN AN526-6-8)		
- 20C	MS21044N06	WASHER		
		NUT, (ALT PN AN365-632)	4	A
- 21	3188385-4	---#---	12	A
		COVER ASSY, LIGHT JUNCTION BOX (MAKE FROM MT2026-051-010 (82265))	4	A
- 22	AJ4-50	FASTENER, (72794)	1	A
- 23	AN3022-2	SWITCH ASSY, (ALT PN AN3022-2B)	4	A
- 24	MS27212-6-4	TERMINAL BOARD ASSY, (ALT PN S2032879-8A4-16)	1	A
- 25	NAF213028-3	NUT, (ALT PN 6-0312 (08484))	1	A
- 26	28-0376	CONNECTOR ASSY, BRACKET (08484)	1	A
- 26A	AN320-4	NUT	1	A
- 26B	MS35338-40	WASHER, (ALT PN AN935-4)	9	A
- 26C	AN960-4	WASHER	9	A
- 27	MS35206-213	SCREW, (ALT PN AN515-4-4)	9	A
- 28	S119478-8-120	TUBE, FLANGED	9	A
			1	A

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
269				
- 29	S119478-10-120	TUBE, FLANGED	1	A
- 30	S119478-18-120	TUBE, FLANGED	1	A
- 31	3188385-2	BOX ASSY, LIGHT JUNCTION (MAKE FROM MT1026-040-224 (82265))	1	A
- 32	SB4-2	SPRING, (72794)	4	A
	4188909	SWITCH INSTL, REAR BAGGAGE COMPARTMENT DOOR WARNING	1	A
- 33	NO NUMBER	MICROSWITCH ASSY, (TYPE R-R36) (91929)	1	A
- 34	NO NUMBER	HOUSING ASSY, MICROSWITCH (TYPE H) (91929)	1	A
	5188886	FLASHER INSTL, POSITION LIGHT	1	A
- 35	MS24577-2	FLASHER UNIT, 80 CPM	1	A
- 36	DELETED			
	5209871	LIGHT INSTL, REAR COMPARTMENT DOME		
- 37	4209873	PANEL ASSY, REAR COMPARTMENT DOME LIGHT	1	A
		(ATTACHING PARTS)		
- 37A	MS24621-29	SCREW, (ALT PN AN530-8-6)	5	A
- 37B	AN960-8	WASHER	5	A
- 37C	NAS446-4-1	NUT, (ALT PN A1778-6Z1 (78553))	5	A
		----*---		
- 38	8201	SWITCH ASSY, (15605)	1	A
- 38A	NAS446-2-1	NUT, (ALT PN A1181-6Z1 (78553))	3	A
- 39	S111418926	SCREW, 100 DEGREE RECESSED FLAT HEAD SHEET METAL	3	A
- 40	MS35206-242	SCREW, (ALT PN AN526-832-5)	3	A
- 41	2369286	LENS, DOME LIGHT (ALT PN 1115903)	1	A
- 42	SA1957B	LIGHT ASSY, (81251) (USE MS35478-307 BULB)	1	A
- 43	4209872	PANEL, REAR COMPARTMENT DOME LIGHT	1	A
- 44	AN3092-2	LIGHT ASSY, (GFAE)	2	A
- 45	AN3093-1	LENS, WHITE (GFAE)	1	A
- 46	MS35207-264	SCREW, (ALT PN AN520-10-10) (SEE T.O. 1C-1-525)	6	A
- 46A	AN960-10	WASHER, (SEE T.O. 1C-1-525)	6	A
- 47	G6965-8	LIGHT ASSY, (72914) (SEE T.O. 1C-1-525)	1	A
- 48	55B6126	GASKET, (GFAE) (SEE T.O. 1C-1-525)	1	A
- 49	MS35207-263	SCREW, (ALT PN AN526-1032-8) (SEE T.O. 1C-1-525)	16	A
- 50	55D6432	BRACKET, (GFAE) (SEE T.O. 1C-1-525)	1	A
	MS27212-1-2	BOARD ASSY, TERMINAL (ALT PN AN3436-2-2) (SEE T.O. 1C-1-525)	1	A
		A 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

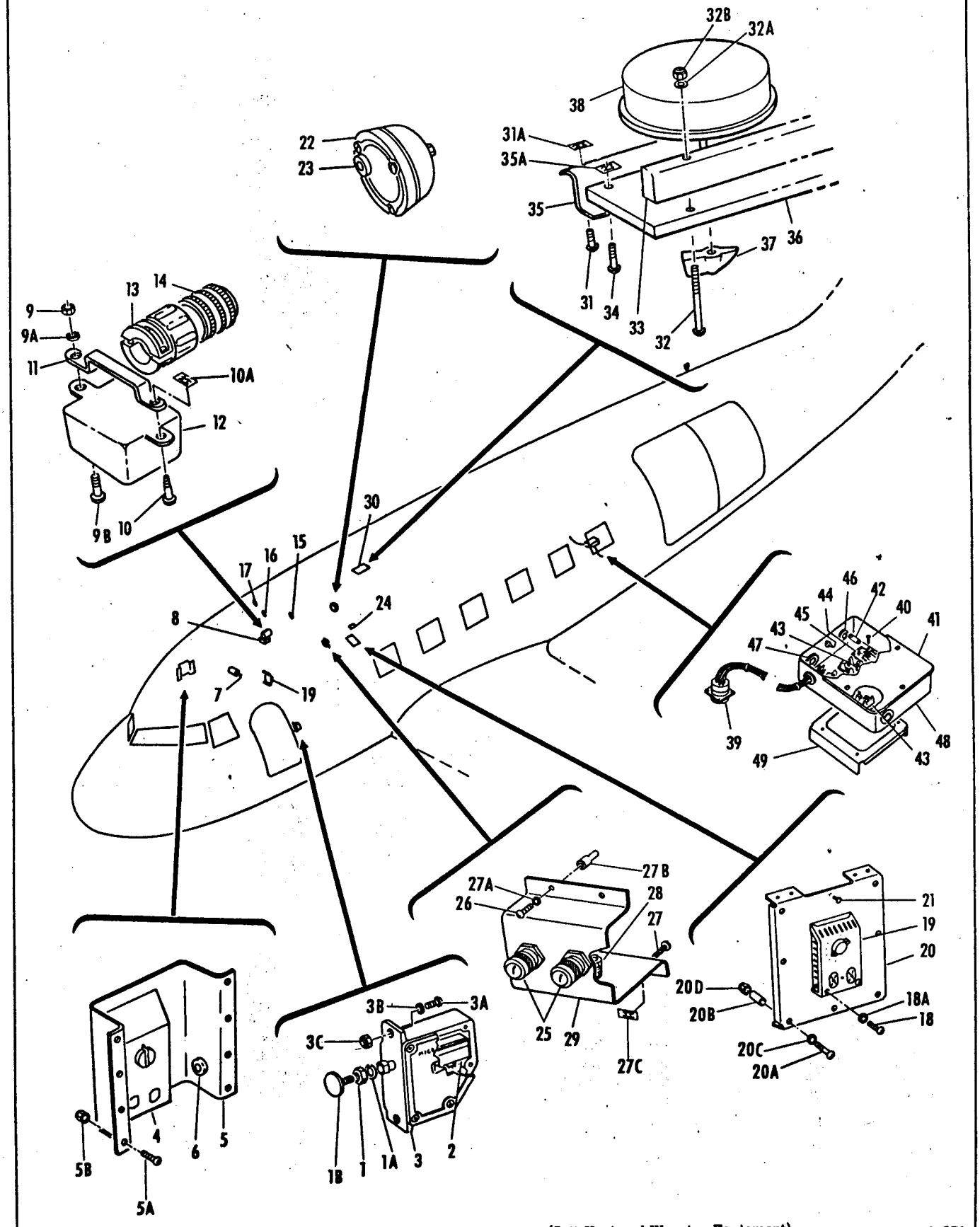

Figure 270. Center Fuselage Electrical System (Suit Heat and Warning Equipment) V4-276

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
270		CENTER FUSELAGE ELECTRICAL SYSTEM		
		(SUIT HEAT AND WARNING EQUIPMENT)		
	5141411	ELECTRICAL INSTL, FUSELAGE CENTER (SEE FIG. 264 FOR NHA)	REF	AG
	5205092	ELECTRICAL INSTL, FUSELAGE CENTER (SEE FIG. 264 FOR NHA)	REF	HJ
	5116870	SWITCH INSTL, PILOT ENTRANCE DOOR SAFETY LIGHT	1	C,K
- 1	AN315-3R	NUT	1	C,K
- 1A	MS35338-50	WASHER, (ALT PN AN935-1016)	1	C,K
- 1B	1202076	BUTTON ASSY, SAFETY LIGHT SWITCH	1	C,K
- 2	NO NUMBER	MICROSWITCH ASSY, (TYPE R-R36) (91929)	1	C,K
- 3	NO NUMBER	BOX ASSY, MICROSWITCH (TYPE H)	1	C,K
		(CATALOG LE STRAIGHT 11/16-24) (91929)		
		(ATTACHING PARTS)		
- 3A	MS35207-264	SCREW, (ALT PN AN520-10-10)	2	C,K
- 3B	AN960-10	WASHER	2	C,K
- 3C	MS21044N3	NUT, (ALT PN AN365-1032)	2	C,K
	5202995	RHEOSTAT INSTL, FLIGHT MECHANIC HEAT	1	B,DJ
- 4	NO NUMBER	RHEOSTAT ASSY, (TYPE Q-1A) (SPEC 94-32357) (GFAE)	1	B,DJ
- 5	5202996	PLATE ASSY, FLIGHT MECHANIC SUIT HEAT DISSIPATOR	1	B,DJ
		(ATTACHING PARTS)		
- 5A	MS24621-31	SCREW, (ALT PN AN530-8-10)	8	B,DJ
- 5B	NAS395-12-1	NUT, (ALT PN 1786M1 (78553))	8	B,DJ
- 6	MS35489-11	GROMMET, (ALT PN AN931-6-10)	1	B,DJ
- 7	MS3106R12S4S	CONNECTOR, (ALT PN AN3106-12S4S)	1	AJ
	AN3054-4	NUT	1	K
	AAF36A2212-1	NUT, (ALT PN 118-1-0250 (08484))	1	CE
	MS35489-6	GROMMET, (ALT PN AN931-4-7)	1	AJ
- 8	2203226	CAPACITOR ASSY, DEFROSTER MOTOR	1	B,DJ
- 9	MS20341-8S	NUT, (ALT PN AN340-8)	1	B,DJ
- 9A	MS35335-31	WASHER, (ALT PN AN936B8)	1	B,DJ
	MS35338-42	WASHER, (ALT PN AN935-8)	1	B,DJ
	AN960-8	WASHER	1	B,DJ
- 9B	MS35206-243	SCREW, (ALT PN AN515-8-6)	1	B,DJ
- 10	MS24621-29	SCREW, (ALT PN AN530-8-6)	1	B,DJ
- 10A	NAS446-4-1	NUT, (ALT PN 1778M1 (78553))	1	B,DJ
- 11	1203225	BRACKET, DEFROSTER MOTOR CAPACITOR	1	B,DJ
- 12	CA275X	CAPACITOR ASSY, (37942)	1	B,DJ
- 13	MS3057-10A	CLAMP, (ALT PN AN3057-10)	1	B,DJ
- 14	MS3106R18-3S	CONNECTOR, (ALT PN AN3106-18-3S)	1	B,DJ
- 15	MS35489-11	GROMMET, (ALT PN AN931-6-10)	1	B,DJ
- 16	MS35489-19	GROMMET, (ALT PN AN931-11-16)	1	B,DJ
- 17	MS35489-25	GROMMET, (ALT PN AN931-20-38)	1	B,DJ
	5202763	RHEOSTAT INSTL, RADIO OPERATOR SUIT HEAT	1	B,DJ
	5202778	RHEOSTAT INSTL, NAVIGATOR SUIT HEAT	1	B,DJ
- 18	MS24621-30	SCREW, (ALT PN AN530-8-8)	4	B,DJ
- 18A	AN960-8	WASHER	4	B,DJ
- 19	NO NUMBER	RHEOSTAT ASSY, (TYPE Q-1A) (SPEC 94-32357) (GFAE)	1	B,DJ
- 20	5202779	PLATE ASSY, NAVIGATOR SUIT HEAT RHEOSTAT HEAT DISSIPATOR	1	B,DJ
		(ATTACHING PARTS)		
- 20A	MS24621-30	SCREW, (ALT PN AN530-8-8)	7	B,DJ
- 20B	NAS43DD3-24	SPACER, (ALT PN S2033900-5D049-012)	7	B,DJ
- 20C	AN960D8	WASHER	7	B,DJ
- 20D	NAS446-5-1	NUT, (ALT PN 1779M1 (78553))	7	B,DJ
- 21	459	STUD, (61864)	8	B,DJ
	5141215	BELL INSTL, EMERGENCY WARNING	1	AJ
- 22	NO NUMBER	BELL ASSY, ALARM (24 VOLT DC) (SPEC 50291)	1	AJ
	2140249	INSULATOR, EMERGENCY WARNING BELL	1	AJ
- 23	MS35489-6	GROMMET, (ALT PN AN931-4-7)	1	AJ
- 24	AN3022-8	SWITCH ASSY, (ALT PN AN3022-8B)	1	B,DJ
	5142929	BRACKET INSTL, HEAT AND VENT WARNING LIGHT	1	HJ
- 25	130SRP	LIGHT, (81590) (ALT PN AAF44A18454-2)	2	HJ
	2189616	BRACKET ASSY, HEAT AND VENT WARNING LIGHT	1	HJ
		(ATTACHING PARTS)		
- 26	MS35206-245	SCREW, (ALT PN AN515-8-8)	2	HJ
- 27	MS24621-30	SCREW, (ALT PN AN530-8-8)	2	HJ
- 27A	AN960-8	WASHER	4	HJ
- 27B	6480	LOCKSKRU ASSY, (17875)	2	HJ
- 27C	NAS446-4-1	NUT, (ALT PN 1778M1 (78553))	2	HJ
- 28	S1093732-2	STUD ASSY, GROUNDING	1	HJ
- 29	2189616-2	BRACKET, WARNING LIGHT	1	HJ
	MS25231-313	LAMP, (ALT PN AN3121-313)	4	HJ
	MS25231-313	LAMP, (ALT PN AN3121-313)	2	J
	5202606	BRACKET INSTL, DOME LIGHT SWITCH	1	E,GJ
- 30	4204420	BRACKET ASSY, CABIN DOME LIGHT	1	E,GJ
		(ATTACHING PARTS)		
- 31	MS24621-30	SCREW, (ALT PN AN530-8-8)	3	E,GJ
- 31A	NAS446-4-1	NUT, (ALT PN 1778M1 (78553))	3	E,GJ
- 32	MS24621-52	SCREW, (ALT PN AN530-10-36)	3	E,GJ
- 32A	AN940-316	WASHER	3	E,GJ
- 32B	NAS446-5-1	NUT, (ALT PN 1779M1 (78553))	3	E,GJ
- 33	1203038	SPACER, DOME LIGHT RHEOSTAT PANEL	1	E,GJ
- 34	MS24621-31	SCREW, (ALT PN AN530-8-10)	3	E,GJ
- 35	2202499	BRACKET, DOME LIGHT SWITCH	1	E,GJ

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
270 - 35A	NAS446-4-1	NUT, (ALT PN 1778M1 (78553))	3	E,GJ
- 36	2203039	SUPPORT, DOME LIGHT RHEOSTAT PANEL	1	E,GJ
- 37	NO NUMBER	KNOB ASSY, RHEOSTAT (TYPE 5102) (44655)	1	E,GJ
- 38	0531	RHEOSTAT ASSY, 15 OHM 150 WATT (TYPE 352) (MODEL L) (44655)	1	E,GJ
- 39	RWK-C3-31SLR	RECEPTACLE ASSY, (71468)	2	AJ
	WKAL-1/2ACN	SHELL, (71468)	2	AJ
		SPACER, (PN S2033901-13F312-004)	2	CJ
	MS35206-233	SCREW, (ALT PN AN515-6-14)	6	AJ
	MS35265-33	SCREW, (ALT PN AN500A6-14)	2	AJ
	MS21044N06	NUT, (ALT PN AN365-632)	8	AJ
	RWK59A	CAP ASSY, DUST (71468)	2	AJ
	AAF36A2212-3	NUT, (ALT PN 118-1-0500 (08484))	2	AJ
	MS35489-11	GROMMET, (ALT PN AN931-6-10)	2	AE
	5141240	BOX INSTL, AFT PARACHUTE PACK JUNCTION	1	AJ
- 40	MS24621-43	SCREW, (ALT PN AN530-10-8)	4	AJ
	AN960D10	WASHER, (ALT PN AN960A10)	4	AJ
	5140967	BOX ASSY, AFT PARACHUTE PACK JUNCTION	1	AJ
- 41	S5095090-6	COVER ASSY, 9 3/16 X 6 7/8 ATW 4-50 FASTENER JUNCTION BOX	1	AJ
	5140967-4	BOX ASSY, AFT PARACHUTE PACK	1	AJ
- 42	MS25226-10-2	LINK, (ALT PN S124360-750-2)	1	AJ
- 43	MS27212-6-8	STRIP, TERMINAL (ALT PN S2032879-8A8-12)	2	AJ
- 44	1220DE	RELAY ASSY, (24 VOLT DC) (35344)	2	AJ
- 45	MS35214-45	SCREW, (ALT PN AN515B8-14)	1	AJ
	MS35338-42	WASHER, (ALT PN AN935-8)	1	AJ
	AN960B8	WASHER	2	AJ
	AN340B8	NUT	1	AJ
	MS21044B08	NUT, (ALT PN AN365B832)	1	AJ
- 46	MS35489-11	GROMMET, (ALT PN AN931-6-10)	2	AJ
- 47	MS35489-17	GROMMET, (ALT PN AN931-10-14)	2	AJ
- 48	5140967-2	BOX ASSY, AFT PARACHUTE PACK (MAKE FROM S5095090-216S)	1	AJ
- 49	4139376	SUPPORT ASSY, AFT PARACHUTE BOX	1	AJ
		A 001 THRU 015		
		B 016 THRU 025 AND 146 THRU 148		
		C 026 THRU 027		
		D 028 THRU 031 AND 558		
		E 032 THRU 056, 149 THRU 171 AND 555 THRU 557		
		F 057 THRU 063		
		G 064 THRU 145 AND 178 THRU 209		
		H 172, 174, 175, 210 THRU 403 AND 528 THRU 536		
		J 173, 176, 177, 404 THRU 527 AND 537 THRU 541		
		K 001 THRU 025, 057 THRU 148 AND 172 THRU 541		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMER LISTING		

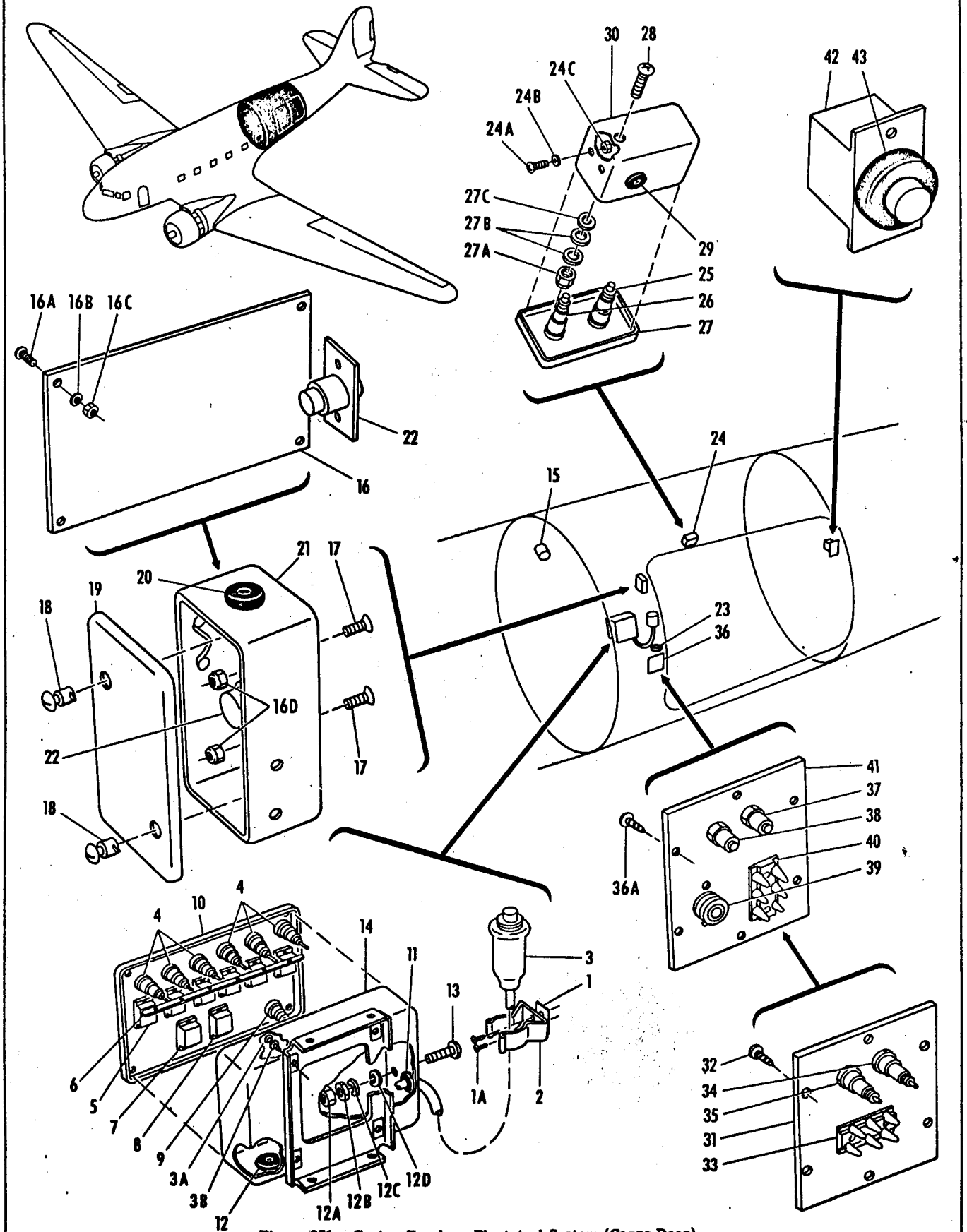

Figure 271. Center Fuselage Electrical System (Cargo Door)

V4-278

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
271		CENTER FUSELAGE ELECTRICAL SYSTEM (CARGO DOOR)		
	5141411	ELECTRICAL INSTL, FUSELAGE CENTER (SEE FIG. 264 FOR NHA)	REF	A
	5205092	ELECTRICAL INSTL, FUSELAGE CENTER (SEE FIG. 264 FOR NHA)	REF	B
	5141420	BOX INSTL, PARACHUTE PACK CONTROL	1	C
	5189660	BOX INSTL, PARACHUTE PACK CONTROL	1	D
- 1	A8175-8Z	NUT, TWIN (78553) (ALT PN 6065-8Z (78553))	1	C
	A8175-6Z	NUT, TWIN (78553) (ALT PN A6065-6Z (78553))	1	D
- 1A	MS24621-30	SCREW, (ALT PN AN530-8-8)	2	C
	MS24621-18	SCREW, (ALT PN AN530-6-8)	2	D
- 2	1139366	CLIP, PARACHUTE PACK RELEASE SWITCH	1	E
- 3	CS283	SWITCH ASSY, HAND (19557)	1	E
	5141392	BOX ASSY, PARACHUTE PACK CONTROL	1	E
		(ATTACHING PARTS)		
- 3A	MS24621-43	SCREW, (ALT PN AN530-10-8)	4	E
- 3B	AN960D10	WASHER, (ALT PN AN960A10)	4	E
		----------*		
	5141392-8	COVER ASSY, PARACHUTE PACK CONTROL BOX	1	E
- 4	103S	LIGHT ASSY, GREEN (81590)	6	E
- 5	8211	SWITCH ASSY, (15605)	6	E
- 6	S124360-1375-6	BAR, PLAIN BUS	1	E
- 7	AN3160-15	BREAKER ASSY, (ALT PN AN3160-15L)	1	E
- 8	8210	SWITCH ASSY, (15605)	1	E
- 9	103S	LIGHT ASSY, RED (81590)	1	E
- 10	5141392-4	COVER ASSY, PARACHUTE PACK CONTROL BOX	1	E
		(MAKE FROM S4116762-3)		
	5141392-6	BOX ASSY, PARACHUTE PACK CONTROL	1	E
- 11	MS35489-9	GROMMET, (ALT PN AN931-5-9)	1	E
- 12	MS35489-17	GROMMET, (ALT PN AN931-10-14)	1	E
- 12A	MS21044B08	NUT, (ALT PN AN365B832)	1	E
- 12B	AN340B8	NUT	1	E
- 12C	AN960B8	WASHER	1	E
- 12D	MS35338-42	WASHER, (ALT PN AN935-8)	1	E
- 13	MS35214-45	SCREW, (ALT PN AN515B8-14)	1	E
- 14	5141392-2	BOX ASSY, PARACHUTE PACK CONTROL (MAKE FROM S4116762-216N)	1	E
	MS25231-313	LAMP ASSY, (ALT PN AN3121-313)	7	E
- 15	42B3593-2	LAMP ASSY, INDICATOR (GFAE)	1	F
	NO NUMBER	SIGNAL ASSY, PRESSURE (TYPE G-1) (SPEC 94-32376) (GFAE)	1	F
	MS3108-10SL4S	CONNECTOR, (ALT PN AN3108-10SL4S)	1	F
	AN3064-4	NUT	1	G
	AN3054-4	NUT	1	H
	MS35489-6	GROMMET, (ALT PN AN931-4-7)	1	F
	MS25231-313	LAMP ASSY, (ALT PN AN3121-313)	1	F
	5141559	SWITCH INSTL, CARGO DOOR WARNING FORWARD	1	J
	5142737	SWITCH INSTL, CARGO DOOR WARNING FORWARD	1	K
- 16	5141737-4	SHIELD, WARNING SWITCH FORWARD	1	K
		(ATTACHING PARTS)		
- 16A	MS35206-244	SCREW, (ALT PN AN526-832R7)	4	K
- 16B	AN960D8L	WASHER	4	K
- 16C	MS21044N08	NUT, (ALT PN AN365-832)	4	K
		----------*		
- 16D	MS21044D06	NUT, (ALT PN AN365D632)	2	J
- 17	AN507-632R7	SCREW, (ALT PN S1087510-6-7)	2	J
	2141424	BOX ASSY, CARGO DOOR WARNING SWITCH	1	J
	1139993	COVER ASSY, CARGO DOOR WARNING SWITCH	1	J
- 18	AJ4-50	FASTENER, (72794)	2	J
- 19	1139993-2	COVER, CARGO DOOR WARNING SWITCH	1	J
- 20	MS35489-6	GROMMET, (ALT PN AN931-4-7)	1	J
- 21	2141424-2	BOX ASSY, CARGO DOOR WARNING SWITCH	1	J
		(MAKE FROM S4109388-124N)		
- 22	8873K1	SWITCH ASSY, (15605) (ALT PN 8096 (15605))	1	E
- 23	MS35489-6	GROMMET, (ALT PN AN931-4-7)	1	L
	5141437	BOX INSTL, PARATROOP WARNING SIGNAL	1	M
- 24	4141398	BOX ASSY, PARATROOP WARNING SIGNAL	1	M
		(ATTACHING PARTS)		
- 24A	MS35206-243	SCREW, (ALT PN AN515-8-6)	3	M
- 24B	AN960D8	WASHER, (ALT PN AN960A8)	3	M
- 24C	MS21044D08	NUT, (ALT PN AN365D832)	3	M
		----------*		
	4141398-8	COVER ASSY, PARATROOP WARNING SIGNAL BOX	1	M
- 25	103A	LIGHT ASSY, RED (81590)	1	M
- 26	103A	LIGHT ASSY, GREEN (81590)	1	M
- 27	4141398-6	COVER ASSY, PARATROOP WARNING SIGNAL (MAKE FROM S4111765-3)	1	M
- 27A	MS21044B08	NUT, (ALT PN AN365B832)	1	M
- 27B	AN960B8	WASHER	2	M
- 27C	MS35338-42	WASHER, (ALT PN AN935-8)	1	M
- 28	MS35214-44	SCREW, (ALT PN AN515B8-12)	1	M
	4141398-4	BOX ASSY, PARATROOP WARNING SIGNAL	1	M
- 29	MS35489-6	GROMMET, (ALT PN AN931-4-7)	1	M
- 30	4141398-2	BOX ASSY, PARATROOP WARNING SIGNAL (MAKE FROM S4111765-216N)	1	M
	5203860	BRACKET INSTL, PARATROOP WARNING	1	N
- 31	2142733	BRACKET ASSY, PARATROOP WARNING SIGNAL	1	N
		(ATTACHING PARTS)		
- 32	S2656012-8-10	SCREW, RECESSED ROUND HEAD SHEET METAL	6	N
		(ALT PN S1114190A8-10)		
		----------*		
- 33	MS27212-6-2	TERMINAL BOARD ASSY, (ALT PN S2032879-8A2-12)	1	N
- 34	103A	LIGHT ASSY, RED (81590)	1	N

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
271 - 35	103A	LIGHT ASSY, GREEN (81590)	1	N
	5142734	OUTLET INSTL, PARATROOP WARNING SIGNAL AND UTILITY	1	P
- 36	4202703	PANEL ASSY, PARATROOP WARNING SIGNAL AND UTILITY OUTLET	1	P
		(ATTACHING PARTS)		
- 36A	S2656012-8-10	SCREW, RECESSED ROUND HEAD SHEET METAL (ALT PN S1114190A8-10)	6	P
- 37	103S	LIGHT ASSY, GREEN (81590)	1	P
- 38	103S	LIGHT ASSY, RED (81590)	1	P
- 39	7526	RECEPTACLE ASSY, (74545)	1	P
- 40	MS27212-6-2	TERMINAL BOARD ASSY, (ALT PN S2032879-8A2-12)	1	P
- 41	4202703-2	PANEL, WARNING SIGNAL AND UTILITY OUTLET	1	P
	MS25231-313	LAMP ASSY, (ALT PN AN3121-313)	2	E
	5140403	SWITCH INSTL, CARGO DOOR WARNING AFT	1	R
	5143692	SWITCH INSTL, CARGO DOOR WARNING AFT	1	S
- 42	8873K1	SWITCH ASSY, (15605) (ALT PN 8096 (15605))	1	E
- 43	5143692-2	SEAL, CARGO DOOR WARNING AFT SWITCH	1	S
	MD1577	BELL ASSY, 24 VOLT DC (19557)	1	T
	2140249	INSULATOR, EMERGENCY WARNING BELL	1	T
	MS35489-6	GROMMET, (ALT PN AN931-4-7)	1	T

A 001 THRU 171, 178 THRU 209, AND 555 THRU 558
B 172 THRU 177, AND 210 THRU 541
C 001 THRU 172, 174, 175, 178 THRU 403, 528 THRU 536 AND 555 THRU 558
D 173, 176, 177, 404 THRU 527 AND 537 THRU 541
E 001 THRU 541 AND 555 THRU 558
F 183 AND 210 THRU 230
G 183
H 210 THRU 230
J 001, 002, 026 AND 027
K 003 THRU 025, 028 THRU 541 AND 555 THRU 558
L 028 THRU 171, 178 THRU 209 AND 555 THRU 558
M 001 THRU 006, 026 AND 027
N 007 THRU 012
P 013 THRU 025, 028 THRU 541 AND 555 THRU 558
R 001 THRU 006, 026 THRU 031 AND 558
S 007 THRU 025, 032 THRU 541 AND 555 THRU 557
T 046 THRU 057, 556 AND 557

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

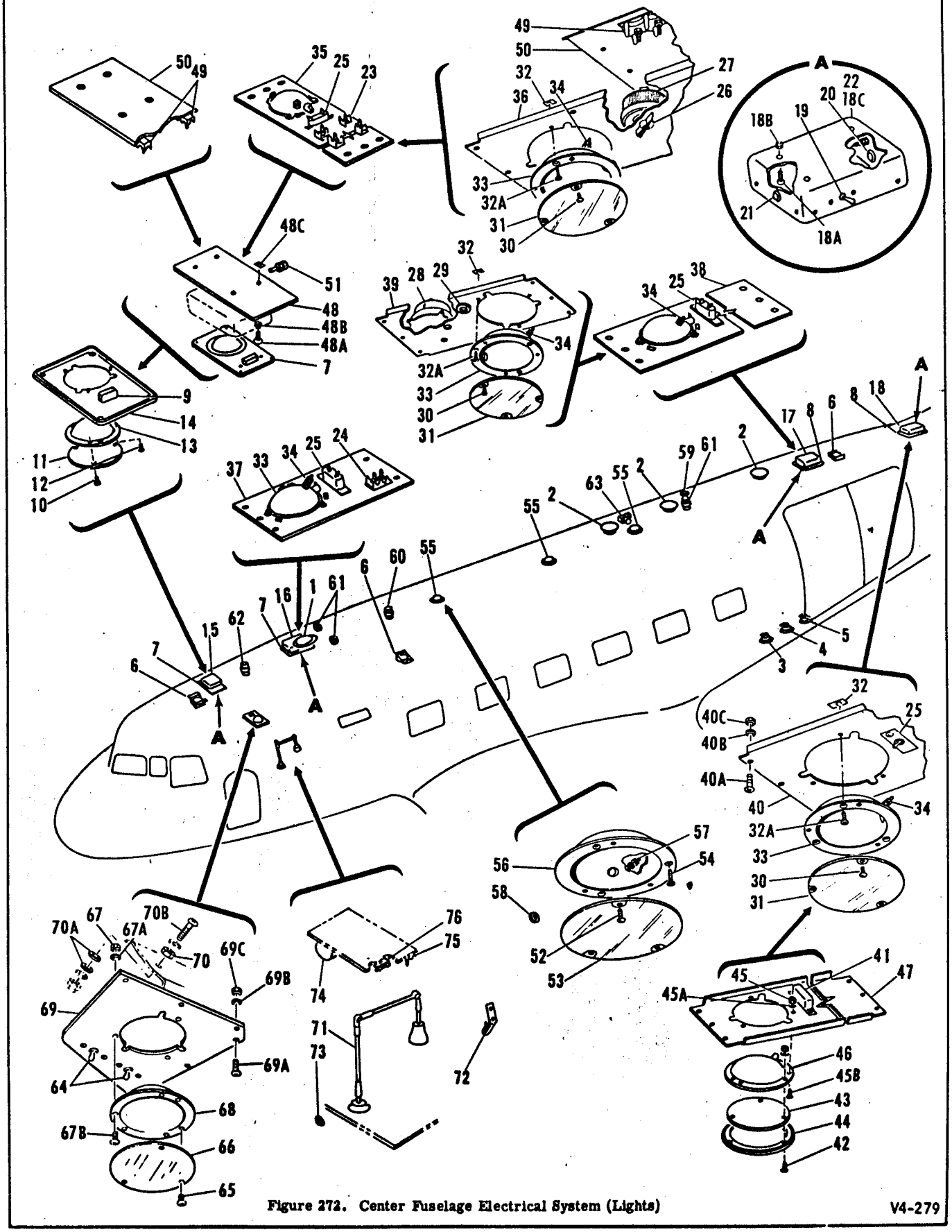

Figure 272. Center Fuselage Electrical System (Lights)

V4-279

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
272		CENTER FUSELAGE ELECTRICAL SYSTEM (LIGHTS)		
	5141411	ELECTRICAL INSTL, FUSELAGE CENTER (SEE FIG. 264 FOR NHA)	REF	AP
	5205092	ELECTRICAL INSTL, FUSELAGE CENTER (SEE FIG. 264 FOR NHA)	REF	Q
	5141442	LIGHT INSTL, UPPER INDENTIFICATION	1	AM
- 1	NO NUMBER	LAMP ASSY, (TYPE E-1) 24 VOLT OPERATION (SPEC 94-32366) (GFAE)	1	AM
	5202303	LIGHT INSTL, FUSELAGE FORMATION	1	T
- 2	NO NUMBER	LAMP ASSY, (TYPE C-1) (SPEC 94-32264) (GFAE)	3	T
	5141239	LIGHT INSTL, LOWER RECOGNITION	1	AQ
- 3	AN3096-5	LAMP ASSY, RED LENS (TYPE E-2) (SPEC 94-32374) (GFAE)	1	AQ
- 4	AN3096-6	LAMP ASSY, GREEN LENS (TYPE E-2) (SPEC 94-32374) (GFAE)	1	AQ
- 5	AN3096-4	LAMP ASSY, AMBER LENS (TYPE E-2) (SPEC 94-32374) (GFAE)	1	AQ
- 6	L13068	LIGHT ASSY, IMPACT (76033) (SEE T.O. 1C-47(S)-506)	3	V
- 7	4118700	COVER ASSY, PASSAGEWAY DOME LIGHT	2	EH,R
	4118700	COVER ASSY, PASSAGEWAY DOME LIGHT	1	J
- 8	4111255	COVER ASSY, DOME LIGHT	2	EH,R
	4111255	COVER ASSY, DOME LIGHT	3	EH,R
- 9	8201	SWITCH ASSY, (15605)	2	EH,R
	8201	SWITCH ASSY, (15605)	1	J
- 10	MS35206-242	SCREW, (ALT PN AN526-832-5)	3	EJ,R
- 11	MS25358-4	LENS, DOME LIGHT	1	EJ,R
- 12	MS35190-236	SCREW, (ALT PN AN505-6-6)	3	EJ,R
- 13	SA1957B	LIGHT ASSY, (78493)(USE MS35478-307 BULB)	1	EJ,R
- 14	4118700-2	COVER, DOME LIGHT (MAKE FROM S4111766-3)	1	EJ,R
	4111255-2	COVER, DOME LIGHT (MAKE FROM S4111766-3)	1	EJ,R
- 15	4141696	BOX ASSY, FORWARD PASSAGEWAY DOME LIGHT	1	EJ,R
- 16	4141383	BOX ASSY, RADIO OPERATOR DOME LIGHT	1	EJ,R
- 17	4141426	BOX ASSY, CABIN DOME LIGHT	1	EJ,R
- 18	4141438	BOX ASSY, LAVATORY DOME LIGHT	1	EJ,R
		(ATTACHINGS PARTS)		
- 18A	MS35206-245	SCREW, (ALT PN AN526-832-8)	16	EJ,R
- 18B	MS21044D08	NUT, (ALT PN AN365D832)	12	EJ,R
		---*---		
- 18C	MS27212-6-2	TERMINAL BOARD, (ALT PN S2032879-8A2-12) (USED ON 4141383)	1	EJ,R
	MS27212-6-1	TERMINAL BOARD, (ALT PN S2032879-8A1-12) (USED ON 4141426)	1	EJ,R
- 19	8201	SWITCH ASSY, (15605) (USED ON 4141438)	1	EJ,R
	MS35489-6	GROMMET, (ALT PN AN931-4-7) (USED ON 4141383 AND 4141696)	1	EJ,R
	MS35489-22	GROMMET, (ALT PN AN931-14-20) (USED ON 4141696)	1	EJ,R
	MS35489-17	GROMMET, (ALT PN AN931-10-14) (USED ON 4141383)	1	EJ,R
	MS35489-13	GROMMET, (ALT PN AN931-7-11) (USED ON 4141383)	1	EJ,R
	MS35489-14	GROMMET, (ALT PN AN931-8-13) (USED ON 4141426)	1	EJ,R
- 20	MS35489-9	GROMMET, (ALT PN AN931-5-9) (USED ON 4141426 AND 4141438)	1	EJ,R
- 21	MS35489-11	GROMMET, (ALT PN AN931-6-10) (USED ON 4141438)	1	EJ,R
	4141696-2	BOX, FORWARD PASSAGEWAY DOME LIGHT (MAKE FROM S4111766-208N)	1	EJ,R
	4141383-2	BOX, RADIO OPERATOR DOME LIGHT (MAKE FROM S4111766-208N)	1	EJ,R
	4141426-2	BOX, CABIN DOME LIGHT (MAKE FROM S4111766-208N)	1	EJ,R
- 22	4141438-2	BOX, LAVATORY DOME LIGHT (MAKE FROM S4111766-208N)	1	EJ,R
	5143682	LIGHT INSTL, FORWARD PASSAGEWAY DOME	1	DK
	5202605	LIGHT INSTL, FORWARD PASSAGEWAY DOME	1	LN
	5209868	LIGHT INSTL, FORWARD PASSAGEWAY DOME	1	PQ
	5143691	LIGHT INSTL, RADIO OPERATOR DOME	1	DK
	5202609	LIGHT INSTL, RADIO OPERATOR DOME	1	LN
	5209861	LIGHT INSTL, RADIO OPERATOR DOME	1	PQ
	5143699	LIGHT INSTL, CABIN AFT DOME	1	DK
	5202607	LIGHT INSTL, CABIN AFT DOME	1	LN
	5209858	LIGHT INSTL, CABIN AFT DOME	1	PQ
	5143663	LIGHT INSTL, LAVATORY DOME	1	DK
	5202608	LIGHT INSTL, LAVATORY DOME	1	LN
	5209865	LIGHT INSTL, LAVATORY DOME	1	PQ
	4143655	PANEL ASSY, FORWARD PASSAGEWAY DOME LIGHT	1	DK
	4202601	PANEL ASSY, FORWARD PASSAGEWAY DOME LIGHT	1	LN
	4209870	PANEL ASSY, FORWARD PASSAGEWAY DOME LIGHT	1	PQ
	4143631	PANEL ASSY, RADIO OPERATOR DOME LIGHT	1	DK
	4202602	PANEL ASSY, RADIO OPERATOR DOME LIGHT	1	LN
	4209863	PANEL ASSY, RADIO OPERATOR DOME LIGHT	1	PQ
	4143647	PANEL ASSY, CABIN AFT DOME LIGHT	1	DK
	4202603	PANEL ASSY, CABIN AFT DOME LIGHT	1	LN
	4209860	PANEL ASSY, CABIN AFT DOME LIGHT	1	PQ
	4143576	PANEL ASSY, LAVATORY DOME LIGHT	1	DK
	4202600	PANEL ASSY, LAVATORY DOME LIGHT	1	LN

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
	CONTINUED			
272		TERMINAL BOARD, (ALT PN S2032879-8A12-12) (USED ON 4143655)	2	DK
- 23	MS27212-6-12	TERMINAL BOARD, (ALT PN S2032879-8A2-12)	1	DQ
- 24	MS27212-6-2	(USED ON 4143631, 4202602 AND 4209863)		
- 25	8201	SWITCH ASSY, (15605) (USED ON 4143631, 4143647 AND 4143655)	1	DK
- 26	8102	KNOB ASSY, RHEOSTAT (TYPE 5102) (44655)	1	LQ
		(USED ON 4202601 AND 4209870)		
- 27	0448	RHEOSTAT ASSY, (TYPE 352) (MODEL K) (25 OHM 100 WATT)	1	LQ
		(44655) (USED ON 4202601 AND 4209870)		
- 28	NO NUMBER	BELL ASSY, 24 VOLT DC (SPEC 50291)	1	LQ
		(USED ON 4202603 AND 4209860)		
- 29	MS35489-6	GROMMET, (ALT PN AN931-4-7) (USED ON 4209860)	2	PQ
- 30	MS35206-242	SCREW, (ALT PN AN526-832-5)	3	D,KQ
- 31	MS25368-4	LENS, DOME LIGHT	1	D,KQ
- 32	NAS446-2-1	NUT, (ALT PN 1181M1 (78553))	4	D,KQ
- 32A	MS21207-6-10	SCREW, (ALT PN S1114189Z6-10)	3	D,KN
	MS21207-6-6	SCREW, (ALT PN S1114189Z6-6)	3	PQ
	2203234	LIGHT ASSY, DOME	1	D,KN
- 33	2203234-2	LIGHT, DOME (MAKE FROM HD1001 (78493))	1	D,KN
- 34	S1093732	STUD ASSY, GROUND	1	D,KN
	HD1001	LIGHT ASSY, (78553)	1	PQ
- 35	4143654	PANEL, FORWARD PASSAGEWAY DOME LIGHT (USED ON 4143655)	1	DK
- 36	4202604	PANEL, FORWARD PASSAGEWAY DOME LIGHT (USED ON 4202601)	1	LN
	4209869	PANEL, FORWARD PASSAGEWAY DOME LIGHT (USED ON 4209870)	1	PQ
- 37	4143632	PANEL, RADIO OPERATOR DOME LIGHT	1	DN
		(USED ON 4143631 AND 4202602)		
	4209862	PANEL, RADIO OPERATOR DOME LIGHT (USED ON 4209863)	1	PQ
- 38	4143648	PANEL, CABIN DOME LIGHT AFT (USED ON 4143647 AND 4202603)	1	DN
- 39	4209859	PANEL, CABIN AFT DOME LIGHT (USED ON 4209860)	1	PQ
- 40	4143575	PANEL, LAVATORY DOME LIGHT (USED ON 4143576 AND 4202600)	1	DN
	4209867	PANEL ASSY, LAVATORY DOME LIGHT	1	PQ
		(ATTACHING PARTS)		
- 40A	MS35206-245	SCREW, (ALT PN AN526-832R8)	6	PQ
- 40B	AN960D8L	WASHER	6	PQ
- 40C	MS21044N08	NUT, (ALT PN AN365-832)	6	PQ

- 41	8201	SWITCH ASSY, (15605)	1	PQ
- 42	AN507-832R6	SCREW	3	PQ
- 43	2369286	LENS, LAVATORY DOME LIGHT	1	PQ
- 44	2369282	STRIP, LAVATORY DOME LIGHT TRIM	1	PQ
- 45	MS21044N08	NUT, (ALT PN AN365-832)	3	PQ
- 45A	AN960D8L	WASHER	3	PQ
- 45B	AN507-832R8	SCREW	3	PQ
- 46	SA1967B	LIGHT ASSY, DOME (78493)	1	PQ
- 47	4209866	PANEL ASSY, LAVATORY DOME LIGHT	1	PQ
- 48	4204415	PANEL ASSY, FORWARD PASSAGEWAY TERMINAL STRIP	1	LN
		(USED ON 5202605)		
	4209874	PANEL ASSY, PASSAGEWAY TERMINAL STRIP (USED ON 5209868)	1	PQ
		(ATTACHING PARTS)		
- 48A	MS24621-30	SCREW, (ALT PN AN530-8-8)	4	LN
	MS24621-28	SCREW, (ALT PN AN530-8-5)	4	PQ
- 48B	AN960-8	WASHER	8	LQ
- 48C	A6264-8ZCH3	NUT, (78553) (ALT PN 6264H8Z-C (78553))	4	LN
	A6264H8Z-C1	NUT, (78553)	4	PQ

- 49	MS27212-6-12	TERMINAL BOARD, (ALT PN S2032879-8A12-12)	2	LQ
- 50	4204415-2	PANEL, TERMINAL STRIP	1	LN
	4209874-2	PANEL, TERMINAL STRIP	1	PQ
- 51	S1093732	STUD ASSY, GROUND	1	D,KN
	MS35478-307	LAMP ASSY, (ALT PN AN3124-307)	4	AQ
	5141440	ELECTRICAL INSTL, MAIN CABIN AIR DUCT	1	AQ
- 52	MS35206-243	SCREW, (ALT PN AN526-832-6)	9	AQ
- 53	1115903	LENS, DOME LIGHT	3	AQ
- 54	MS21207-6-8	SCREW, (ALT PN S1114189Z6-8)	9	AQ
- 55	2203234	LIGHT ASSY, DOME	3	AQ
- 56	2203234-2	LIGHT ASSY, DOME (MAKE FROM HD1001 (78493))	1	AQ
- 57	S1093732	STUD ASSY, GROUND	1	AQ
- 58	8	GROMMET, (77969)	3	AQ

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
272	CONTINUED			
	MS35478-307	LAMP ASSY, (ALT PN AN3124-307)	3	AQ
- 59	MS35489-17	GROMMET, (ALT PN AN931-10-14)	2	U
- 60	NO NUMBER	PLUG, ASTROGRAPH (GFAE)	1	AF
- 61	MS35489-13	GROMMET, (ALT PN AN931-7-11)	2	D,GQ
- 62	WK24193	PLUG, (71468) (ALT PN WK6-23-1/2B (71468))	1	EG,R
	NAF213017-4	NUT, (ALT PN 4-0500 (08484))	1	EG,R
	MS35489-11	GROMMET, (ALT PN AN931-6-10)	1	EG,R
- 63	GK9-23-3/4B	PLUG, (71468)	1	EG,R
	AN3054-12	NUT, (ALT PN 4-0750 (08484))	1	EG,R
	MS35489-17	GROMMET, (ALT PN AN931-10-14)	1	EG,R
	5142403	LIGHT INSTL, NAVIGATOR DOME	1	A,E
	5141650	LIGHT ASSY, NAVIGATOR DOME	1	S
	5205973	LIGHT INSTL, NAVIGATOR DOME	1	Q
- 64	8201	SWITCH ASSY, (15605)	2	AH,K
	8201	SWITCH ASSY, (15605)	1	J,LQ
- 65	MS25206-242	SCREW, (ALT PN AN526-832-5)	3	AQ
- 66	1115903	LENS, DOME LIGHT	1	AQ
- 67	MS21044D06	NUT, (ALT PN AN365D632)	3	AP
	MS21044N06	NUT, (ALT PN AN365-632)	3	Q
- 67A	AN960-6	WASHER	3	AQ
- 67B	MS35190-238	SCREW, (ALT PN AN505-6-8)	3	A,E
	AN505-6-9	SCREW	3	S
	AN507-632R10	SCREW	3	Q
- 68	HD1001	LIGHT ASSY, (72493)	1	AQ
- 69	4142402	PANEL, NAVIGATOR DOME LIGHT SUPPORT	1	A,E
	4141651	PANEL, NAVIGATOR DOME LIGHT SUPPORT	1	S
	4205972	PANEL, NAVIGATOR DOME LIGHT SUPPORT	1	Q
		(ATTACHING PARTS)		
- 69A	MS35206-247	SCREW, (ALT PN AN515-8-12)	6	A,E
	S2656012-8-12	SCREW, (ALT PN S1114190A8-12)	6	Q
	AN545-8R6	SCREW, (ALT PN AN545-8-6)	7	S
- 69B	AN960-8	WASHER	6	A,E
- 69C	MS21044D08	NUT, (ALT PN AN365D832)	6	A,E
- 70	MS20341-8S	NUT, (ALT PN AN340-8)	1	AQ
	MS21044D08	NUT, (ALT PN AN365D832)	1	AP
	MS21044N08	NUT, (ALT PN AN365-832)	1	Q
- 70A	AN960-8	WASHER	2	AQ
	MS35338-42	WASHER, (ALT PN AN935-8)	2	AQ
- 70B	MS35206-247	SCREW, (ALT PN AN515-8-12)	1	AQ
	MS35478-307	LAMP ASSY, (ALT PN AN3124-307)	1	AQ
	5141542	LIGHT INSTL, NAVIGATOR WORK TABLE	1	AQ
- 71	AN3047-7	LIGHT ASSY, NAVIGATOR WORK TABLE (TYPE A-11) (SPEC 94-32372)	1	AQ
- 72	1142181	HOOK, NAVIGATOR WORK TABLE LIGHT	1	AL,P
	1206020	HOOK, NAVIGATOR WORK TABLE LIGHT	1	MN,Q
	MS25234-308	LAMP ASSY, (ALT PN AN3132-308)	1	AQ
- 73	MS35489-4	GROMMET, (ALT PN AN931-3-5)	1	D,GP
- 74	5203721	RELAY INSTL, INVERTER	1	Q
	6041H144	RELAY, (15605) (ALT PN B6 (15605)) (SPEC 94-32352)	1	Q
- 75	MS27212-6-11	TERMINAL BOARD, (ALT PN S2032879-8A11-12)	1	Q
- 76	S1111820	HOLDER, 5AG SPARE FUSE	4	Q
	NO NUMBER	FUSE, 5AG 5 AMP	8	Q

A 001 THRU 002
B 003 THRU 012
C 013 THRU 015
D 016 THRU 025 AND 146 THRU 148
E 026
F 027
G 028 THRU 029
H 030 THRU 031 AND 558
J 032 THRU 056 AND 555 THRU 557
K 057 THRU 063
L 064 THRU 087 AND 178
M 088 THRU 108
N 109 THRU 145 AND 179 THRU 209
P 149 THRU 171
Q 172 THRU 177 AND 210 THRU 541
R 001 THRU 015
S 003 THRU 025, 027 THRU 171, 178 THRU 209 AND 555 THRU 558
T 013 THRU 025, 030 THRU 541 AND 555 THRU 558
U 016 THRU 025, 057 THRU 148 AND 172 THRU 541
V ALL SC-47 SERIES AIRPLANES ABOVE

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

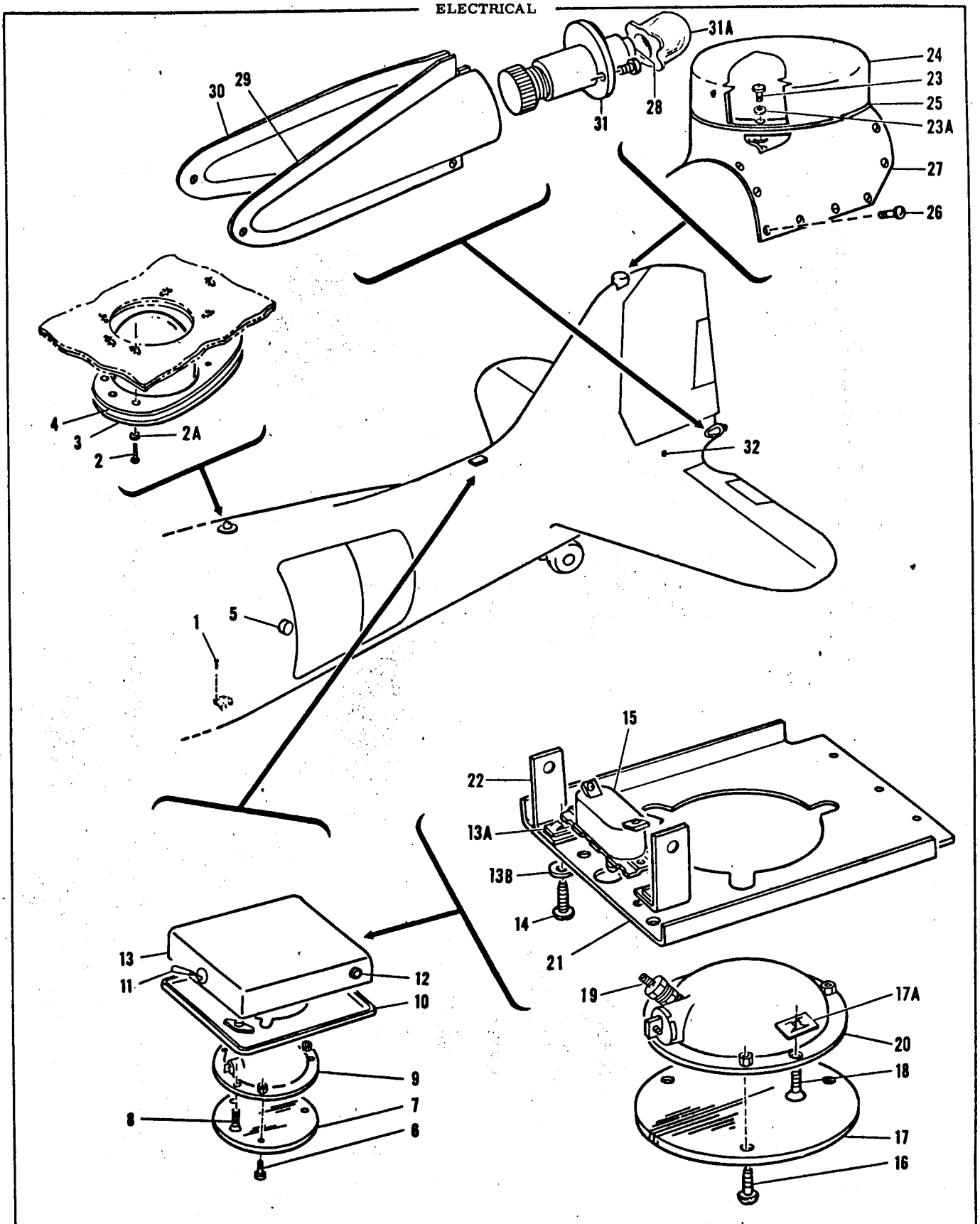

Figure 273. Aft Fuselage and Tail Cone Electrical System V4-272

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
273		AFT FUSELAGE AND TAIL CONE ELECTRICAL SYSTEM		
	5141217	ELECTRICAL INSTL, FUSELAGE AFT (SEE FIG. 264 FOR NHA)	REF	AC
- 1	MS35207-266	SCREW, (ALT PN AN520-10R14) (SEE T.O. 1C-1-525B)	6	AC
- 2	MS35207-265	SCREW, (ALT PN AN520-10R12) (SEE T.O. 1C-1-525B)	6	AC
- 2A	AN960-10	WASHER, (SEE T.O. 1C-1-525B)	12	AC
- 3	G6965-8	LIGHT ASSY, (72914) (SEE T.O. 1C-1-525B)	2	AC
- 4	55B6126	GASKET, (GFAE) (SEE T.O. 1C-1-525B)	2	AC
- 5	MS27212-1-2	TERMINAL BOARD ASSY, (ALT PN AN3463-2-2) (SEE T.O. 1C-1-525B)	1	AC
	MS25226-2-2	LINK, (ALT PN AN3433-2-2) (SEE T.O. 1C-1-525B)	1	AC
	4111255	COVER ASSY, DOME LIGHT	1	A
- 6	MS35206-242	SCREW, (ALT PN AN526-832-5)	3	A
- 7	2369286	LENS, DOME LIGHT (ALT PN 1115903)	1	A
- 8	MS35190-236	SCREW, (ALT PN AN505-6-6)	3	A
- 9	HD1001	LIGHT ASSY, DOME (78493)	1	A
- 10	4111255-2	COVER ASSY, DOME LIGHT (MAKE FROM S4111766-3)	1	A
	4141366	BOX ASSY, REAR COMPARTMENT LIGHT	1	A
- 11	8201	SWITCH ASSY, (15605)	1	A
- 12	MS35489-13	GROMMET, (ALT PN AN931-7-11)	1	A
- 13	4141366-2	BOX ASSY, REAR COMPARTMENT LIGHT (MAKE FROM S4111766-212N)	1	A
	MS35478-307	LAMP ASSY, (ALT PN AN3124-307)	1	A
	5209871	LIGHT INSTL, REAR COMPARTMENT DOME	1	B
	5143641	LIGHT INSTL, REAR COMPARTMENT DOME	1	C
- 13A	NAS446-4-1	NUT, (ALT PN A1778-6Z1 (78553))	5	B
	NAS488-6-1	NUT, (ALT PN A1804-8Z1 (78553))	2	B
	NAS488-6-1	NUT, (ALT PN 1804M1 (78553))	7	C
- 13R	S124682-3S10-6	WASHER	5	C
- 14	MS24621-31	SCREW, (ALT PN AN530-8-10)	7	C
	MS24621-31	SCREW, (ALT PN AN530-8-10)	2	B
	MS24621-29	SCREW, (ALT PN AN530-8-6)	5	B
	4209873	PANEL ASSY, REAR COMPARTMENT DOME LIGHT	1	B
	4143636	PANEL ASSY, REAR COMPARTMENT DOME LIGHT	1	C
- 15	AN3022-2	SWITCH ASSY, (SEE T.O. 1C-1-511)	1	BC
- 16	MS35206-242	SCREW, (ALT PN AN526-832-5)	3	BC
- 17	2369286	LENS, DOME LIGHT (ALT PN 1115903)	1	BC
- 17A	NAS446-2-1	NUT, (ALT PN A1181-6Z1 (78553))	3	BC
- 18	MS21207-6-6	SCREW, (ALT PN S111418926-6)	3	B
	MS21207-6-10	SCREW, (ALT PN S111418926-10)	3	C
	HD1001	LIGHT ASSY, DOME (78493)	1	B
	2203234	LIGHT ASSY, DOME	1	C
- 19	S1093732	STUD ASSY, GROUND	1	C
- 20	2203234-2	LIGHT ASSY, DOME (MAKE FROM HD1001 (78493))	1	C
- 21	4209872	PANEL, REAR COMPARTMENT DOME LIGHT	1	B
	4143635	PANEL, REAR COMPARTMENT DOME LIGHT	1	C
- 22	1202192	ANGLE, REAR COMPARTMENT DOME LIGHT SUPPORT	2	BC
- 23	MS35207-264	SCREW, (ALT PN AN520-10-10) (SEE T.O. 1C-1-525)	6	AC
- 23A	AN960-10	WASHER, (SEE T.O. 1C-1-525)	6	AC
- 24	G6965-8	LIGHT ASSY, (72914) (SEE T.O. 1C-1-525)	1	AC
- 25	55B6126	GASKET, (GFAE) (SEE T.O. 1C-1-525)	1	AC
- 26	MS35207-263	SCREW, (ALT PN AN526-1032-8) (SEE T.O. 1C-1-525)	16	AC
- 27	55D6432	BRACKET, (GFAE) (SEE T.O. 1C-1-525)	1	AC
	MS27212-1-2	TERMINAL BOARD ASSY, (ALT PN AN3436-2-2) (SEE T.O. 1C-1-525)	1	AC
	5141367	ELECTRICAL INSTL, TAIL CONE EQUIPMENT (SEE FIG. 264 FOR NHA)	REF	AC
	5189737	LIGHT INSTL, TAIL POSITION	1	AC
- 28	NO NUMBER	LIGHT ASSY, (TYPE D-2) (SPEC 94-32266) (26042)	1	AC
	4189732	FAIRING ASSY, TAIL LIGHT	1	AC
- 29	4189732-2	FAIRING, TAIL LIGHT	1	AC
- 30	4189732-3	FAIRING, TAIL LIGHT	1	AC
- 31		WASHER, (PN S143908-020A124-040)	1	AC
- 31A	AN3110-4	LENS, WHITE	1	AC
- 32	MS35489-4	GROMMET, (ALT PN AN931-3-5)	1	AC

A 001 THRU 015, 026 THRU 056 AND 558
B 149 THRU 177, 210 THRU 541 AND 555 THRU 557
C 016 THRU 025, 057 THRU 148 AND 178 THRU 209

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

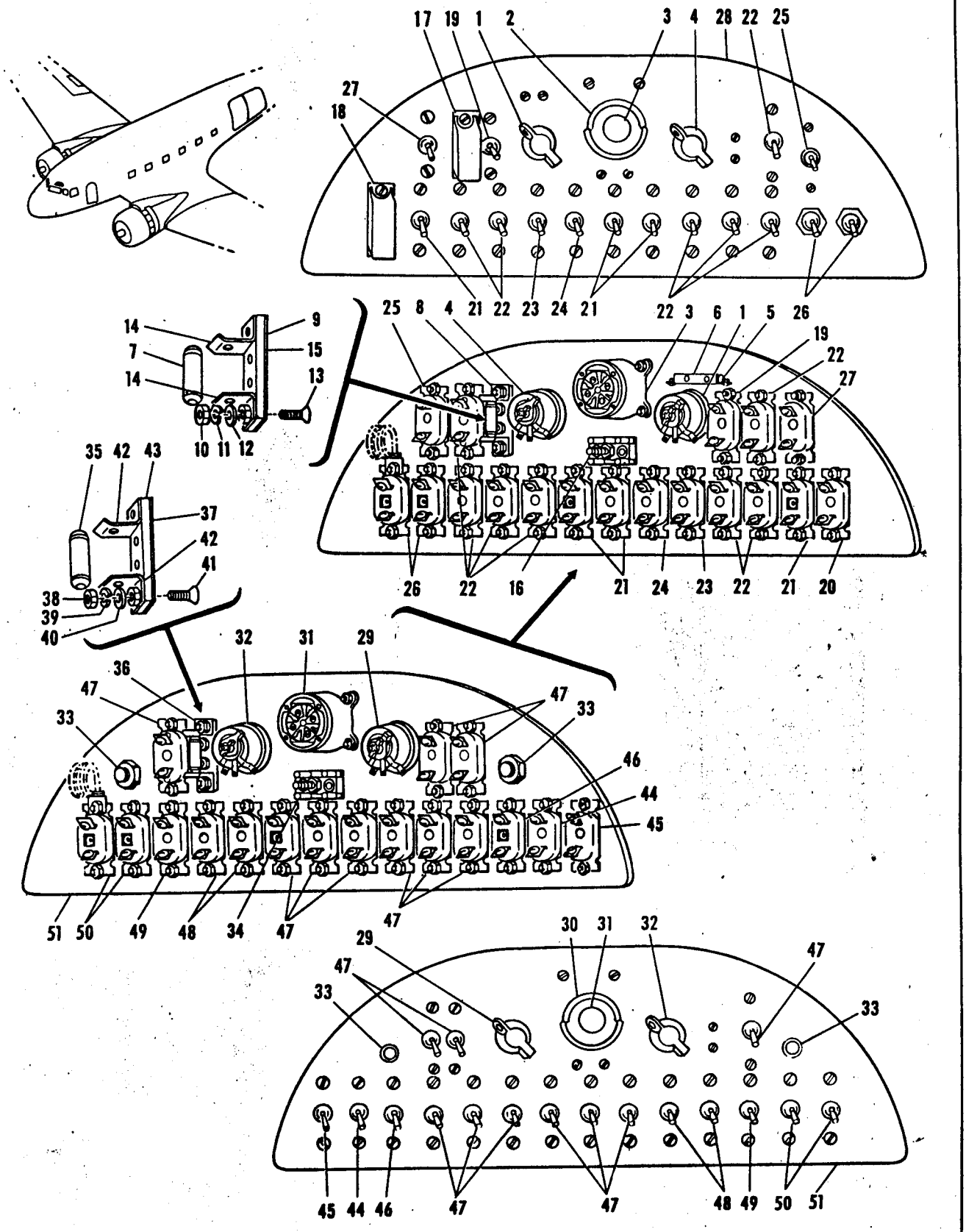

Figure 274. Pilot Electrical Panel, LH

V4-273

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
274	5140961	PANEL ASSY, PILOT ELECTRICAL LH (SEE FIG. 264 FOR NHA)	REF	A
- 1	NO NUMBER	RHEOSTAT ASSY, (TYPE 352) (MODEL H) (175 OHM WITH 5116 KNOB) (44655)	1	A
- 2	S1082998	GUARD, SWITCH	1	A
- 3	560B32D	SWITCH ASSY, PUSH BUTTON (GFAE) (FURNISHED WITH 5110566) (24446)	1	A
- 4	NO NUMBER	RHEOSTAT ASSY, (TYPE 352) (MODEL H) (35 OHM WITH 5116 KNOB) (44655)	1	A
- 5	NO NUMBER	RESISTOR ASSY, (TYPE MW2) (125 OHM 3 WATT) (75042) (SEE T.O. 1C-47A-25)	1	A
- 6	0200	RESISTOR ASSY, (15 OHM 25 WATT ACKER TYPE) (44655) (ALT PN 0200B (44655)) (SEE T.O. 1C-47A-25)	1	A
	0200B	RESISTOR ASSY, (15 OHM 25 WATT ACKER TYPE) (44655)	1	A
- 7	AC37A5222-13	RESISTOR ASSY	1	A
- 8	2118789	HOLDER ASSY, INSTRUMENT LIGHT RESISTOR (ATTACHING PARTS)	1	A
	S12463086-7	SCREW, BINDER HEAD	2	A
	MS21044D06	NUT, (ALT PN AN365D632)	2	A
- 9	2118789-6	INSULATOR, RESISTOR HOLDER	1	A
- 10	AN340B6	NUT	2	A
- 11	MS35338-41	WASHER, (ALT PN AN935-6)	2	A
- 12	AN960B6	WASHER	2	A
- 13	MS35198-29	SCREW, (AN505B6-12)	2	A
- 14	2118789-2	CLIP ASSY, RESISTOR HOLDER	1	A
- 15	2118789-4	BASE, RESISTOR HOLDER	1	A
- 16	MS27212-6-1	TERMINAL BOARD, (ALT PN S2032879-8A1-12)	1	A
- 17	8916K504	GUARD, BAIL OUT SWITCH (15605)	1	A
- 18	8905K559	GUARD, PARACHUTE PACK SALVO (15605)	1	A
- 19	AN3022-1	SWITCH ASSY, (SEE T.O. 1C-47A-25)	1	A
- 20	MS25102-30	SWITCH ASSY, (15605)	1	A
- 21	AN3022-1	SWITCH ASSY, (ALT PN AN3022-1B)	3	A
- 22	AN3022-2	SWITCH ASSY, (ALT PN AN3022-2B)	7	A
- 23	45A7400-3	SWITCH ASSY, PASSING LIGHT (ALT PN 8905K688 (15605)) SEE T.O. 1C-47A-25)	1	A
- 24	MS35059-22	SWITCH ASSY, (ALT PN AN3027-2) (SEE T.O. 1C-47A-25)	1	A
- 25	AN3022-7	SWITCH ASSY, (ALT PN AN3022-7B)	1	A
- 26	MS35059-27	SWITCH ASSY, (ALT PN AN3027-7) (SEE T.O. 1C-47-509)	2	A
- 27	AN3022-2	SWITCH ASSY, (ROTATING NAVIGATION LIGHT) (SEE T.O. 1C-1-525)	1	A
- 28	5140961-2	PANEL, PILOT ELECTRICAL LH	1	A
	5188888	PANEL ASSY, PILOT ELECTRICAL LH (SEE FIG. 266 FOR NHA)	REF	B
- 29	NO NUMBER	RHEOSTAT ASSY, (TYPE 352) (MODEL H) (175 OHM WITH 5116 KNOB) (44655)	1	B
- 30	S1082998	GUARD, SWITCH	1	B
- 31	2CC1B4	SWITCH ASSY, PUSH BUTTON (GFAE) (FURNISHED WITH 5110566) (24446)	1	B
- 32	NO NUMBER	RHEOSTAT ASSY (TYPE 352) (MODEL H) (35 OHM WITH 5116 KNOB) (44655)	1	B
- 33	D3E	BUTTON ASSY, PUSH (71468)	2	B
- 34	MS27212-6-1	TERMINAL BOARD, (ALT PN S2032879-8A1-12)	1	B
- 35	AC37A5222-13	RESISTOR ASSY	1	B
- 36	2118789	HOLDER ASSY, INSTRUMENT LIGHT RESISTOR (ATTACHING PARTS)	1	B
	S12463086-7	SCREW, BINDER HEAD	2	B
	MS21044D06	NUT, (ALT PN AN365D632)	2	B
- 37	2118789-6	INSULATOR, RESISTOR HOLDER	1	B
- 38	AN340B6	NUT	2	B
- 39	MS35338-41	WASHER, (ALT PN AN935-6)	2	B
- 40	AN960B6	WASHER	2	B
- 41	MS35198-29	SCREW, (ALT PN AN505B6-12)	2	B
- 42	2118789-2	CLIP ASSY, RESISTOR HOLDER	2	B
- 43	2118789-4	BASE, RESISTER HOLDER	1	B
- 44	AN3022-3	SWITCH ASSY, (ALT PN 8210K8 (15605))	1	B
	55A6128	NAMEPLATE (SEE T.O. 1C-1-525)	1	B
- 45	AN3022-2	SWITCH ASSY, (ROTATING NAVAGATION LIGHT) (SEE T.O. 1C-1-525)	1	B
- 46	AN3023-2	SWITCH ASSY, (ALT PN 8701K5 (15605))	1	B
- 47	AN3022-2	SWITCH ASSY, (ALT PN AN3022-2B)	9	B
- 48	8210	SWITCH ASSY, (15605)	2	B
- 49	8905K515	SWITCH ASSY, (15605)	1	B
- 50	8212	SWITCH ASSY, (15605)	2	B
- 51	5188888-2	PANEL, PILOT ELECTRICAL LH	1	B
		A 001 THRU 541 AND 555 THRU 558 B 542 THRU 554		

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

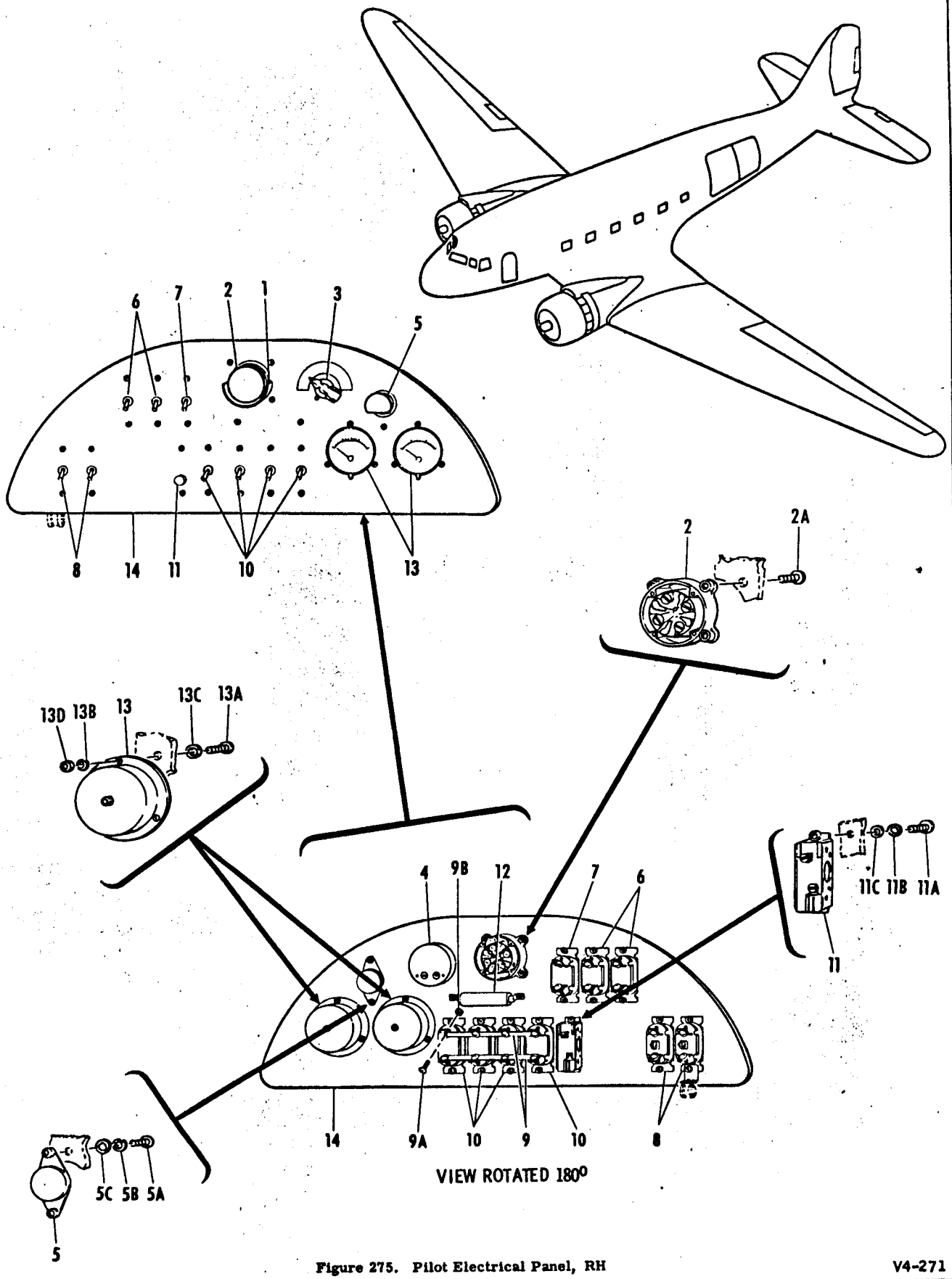

Figure 275. Pilot Electrical Panel, RH V4-271

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
275	5140981	PANEL ASSY, PILOT ELECTRICAL RH (SEE FIG. 264 FOR NHA)	REF	A
	5205087	PANEL ASSY, PILOT ELECTRICAL RH (SEE FIG. 264 FOR NHA)	REF	B
	5189096	PANEL ASSY, PILOT ELECTRICAL RH (SEE FIG. 266 FOR NHA)	REF	C
- 1	S1082998	GUARD, SWITCH	1	
- 2	560B32D	SWITCH ASSY, PUSH BUTTON (GFAE) (FURNISHED WITH 5110566 PROPELLER) (24446)	1	
		(ATTACHING PARTS)		
- 2A	S124630B6-6	SCREW	4	
- 3	5116	KNOB ASSY, (44655)	1	AB
- 4	NO NUMBER	RHEOSTAT ASSY, (25 OHM) (TYPE 352) (MODEL J) (44655)	1	AB
- 5	2948	LAMP ASSY, (81257)	1	A
	AN3034-1	LAMP ASSY	1	BC
		(ATTACHING PARTS)		
- 5A	MS35206-226	SCREW, (ALT PN AN515-6-4)	2	BC
- 5B	MS35338-41	WASHER, (ALT PN AN935-6)	2	BC
- 5C	MS35333-37	WASHER, (ALT PN AN936A6)	2	BC
- 6	AN3022-2	SWITCH ASSY, (ALT PN AN3022-2B)	2	A
	AN3022-1	SWITCH ASSY	2	BC
		(ATTACHING PARTS)		
	S124630B6-6	SCREW	2	
	MS21044D06	NUT, (ALT PN AN365D632)	2	
- 7	MS35058-31	SWITCH ASSY, (ALT PN AN3021-6) (SEE T.O. 1C-47-513)	1	
- 8	8212	SWITCH ASSY, (15605)	2	
- 9	MS25226-2-5	LINK, (ALT PN S124360-1188-4)	2	
- 9A	MS21044D06	NUT, (ALT PN AN365D632)	18	
- 9B	S124630B6-6	SCREW	18	
- 10	AN3022-1	SWITCH ASSY, (ALT PN AN3018)	4	A
	AN3022-1	SWITCH ASSY, (ALT PN AN3018)	3	BC
	AN3022-2	SWITCH ASSY, (ALT PN AN3015)	2	BC
- 11	40A5553	MICRDSWITCH ASSY, (TYPE A1) (91929)	1	
- 11A	MS35207-226	SCREW, (ALT PN AN526-640-4)	2	
- 11B	MS35333-37	WASHER, LOCK (ALT PN AN936A6)	2	
- 11C	AN960-6	WASHER	2	
- 12	NO NUMBER	RESISTOR ASSY, (TYPE MW2) (3 WATT 125 OHM (75042))	1	
		(ATTACHING PARTS)		
	AN507-632R5	SCREW, (ALT PN S1087510-6-5)	1	
	MS35218-23	SCREW, (ALT PN AN515D6-4)	1	
	AN960D6	WASHER, (ALT PN AN960A6)	2	
	MS21044D06	NUT, (ALT PN AN365D632)	2	
- 13	NO NUMBER	AMMETER ASSY, (TYPE F1) (SPEC 94-32284) (GFAE)	2	
		(ATTACHING PARTS)		
- 13A	MS35214-13	SCREW, (ALT PN AN515B4-5)	6	
- 13B	MS35338-40	WASHER, (ALT PN AN935-4)	6	
- 13C	AN960-4	WASHER	6	
- 13D	MS21044D04	NUT, (ALT PN AN365D440)	6	
- 14	5140981-2	PANEL, PILOT ELECTRICAL RH	1	A
	5205087-2	PANEL, PILOT ELECTRICAL RH	1	B
	5189096-2	PANEL, PILOT ELECTRICAL RH	1	C
		A 001 THRU 092, 146 THRU 148, 178 AND 555 THRU 558		
		B 093 THRU 145, 149 THRU 177 AND 179 THRU 541		
		C 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

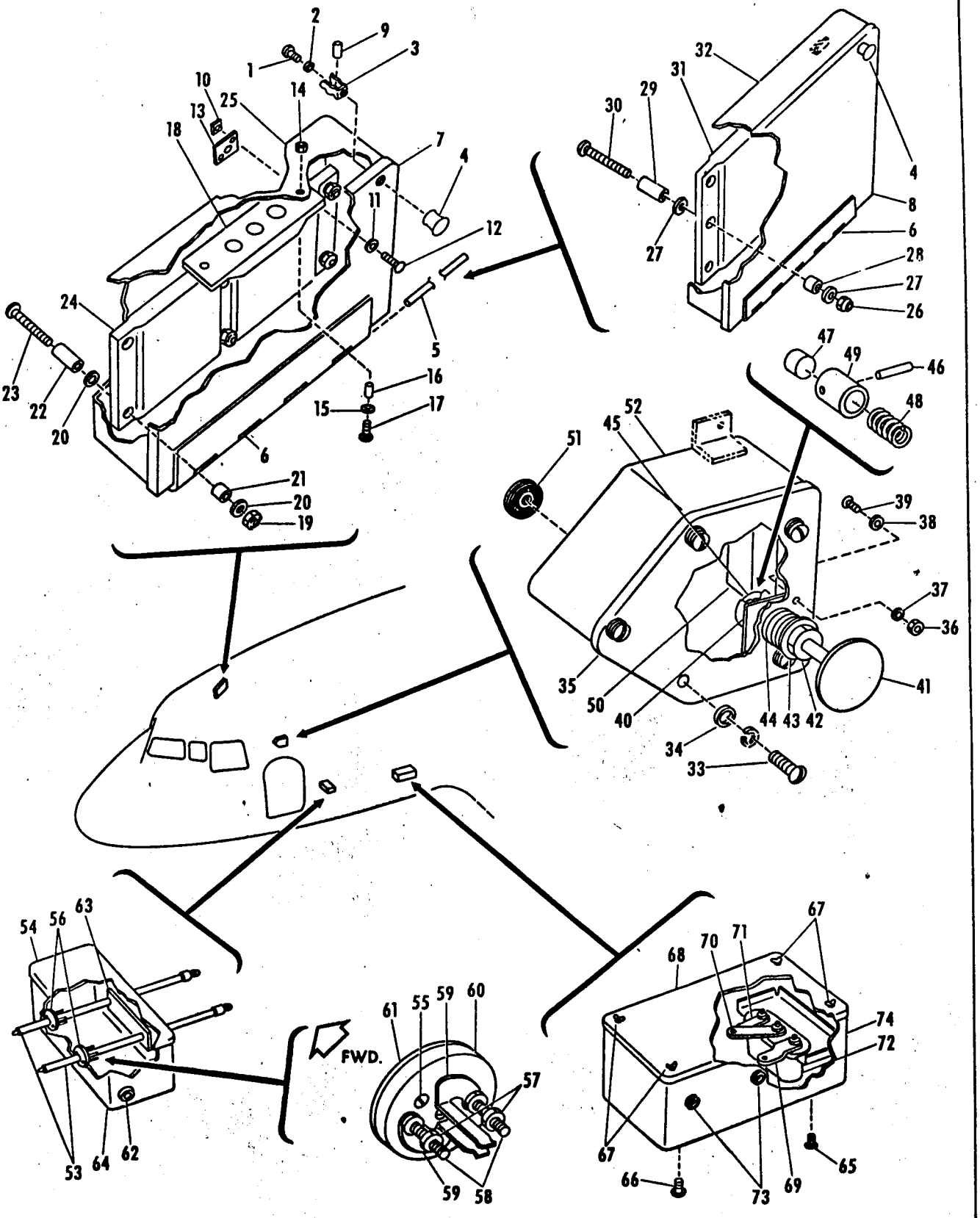

Figure 276. Electrical System Details

V4-274

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
276		ELECTRICAL SYSTEM DETAILS		
	4117158	BOX ASSY, SPARE LAMP (SEE FIG. 264 FOR NHA)	REF	AB
	5188179	BOX ASSY, SPARE LAMP (SEE FIG. 266 FOR NHA)	REF	C
- 1	MS35206-230	SCREW, (ALT PN AN515-6-8)	2	
- 2	MS35338-41	WASHER, (ALT PN AN935-6)	2	
- 3	S147858	SPRING, DOOR CATCH	2	
- 4	S134894	KNOB, FUSE PANEL DOOR	2	
- 5	S121873-091-800	PIN, SAFETY	1	
- 6	S129900D804	HINGE ASSY, 2-1/2 DRILLED HOOD (MAKE FROM S121874D804)	1	
- 7	4115158-4	COVER, SPARE LAMP BOX	1	AB
- 8	5188179-4	COVER, SPARE LAMP BOX (MAKE FROM S4116762-2)	1	C
- 9	NAS42DD3-28	SPACER, (ALT PN S117426-4D014)	2	
	AN960D4	WASHER, (ALT PN AN960A4)	2	
- 10	410M1	NUT, (78553)	2	B
- 11	AN960D6	WASHER	2	B
- 12	MS35206-228	SCREW, (ALT PN AN515-6-6)	2	B
- 13	4117158-6	PLATE, SPARE LAMP BOX	1	B
- 14	MS21044D08	NUT, (ALT PN AN365D832)	2	AB
- 15	AN960-8	WASHER	2	AB
- 16	NAS43DD3-16	SPACER, (ALT PN S2033900-4D025-008)	2	AB
- 17	MS35206-246	SCREW, (ALT PN AN515-8-10)	2	AB
- 18	1189637	SUPPORT, SPARE LENS	1	AB
- 19	MS21044D08	NUT, (ALT PN AN365D832)	6	AB
- 20	AN960D8	WASHER	12	AB
- 21	NAS43DD3-16	SPACER, (ALT PN S2033900-4D025-008)	6	AB
- 22	NAS43DD3-32	SPACER, (ALT PN S2033900-4D025-016)	6	AB
- 23	MS35206-250	SCREW, (ALT PN AN515-8-20)	6	AB
- 24	4117159	SUPPORT, SPARE LAMP	1	AB
- 25	4117158-2	BOX ASSY, SPARE LAMP (MAKE FROM S5109152-128G)	1	AB
- 26	MS21044D08	NUT, (ALT PN AN365D832)	9	C
- 27	AN960D8	WASHER	18	C
- 28	NAS43DD3-16	SPACER, (ALT PN S2033900-4D025-008)	9	C
- 29	NAS43DD3-32	SPACER, (ALT PN S2033900-4D025-016)	9	C
- 30	MS35206-250	SCREW, (ALT PN AN515-8-20)	9	C
- 31	4188180	SUPPORT, SPARE LAMP	1	C
- 32	5188179-2	BOX ASSY, SPARE LAMP (MAKE FROM S4116762-216G)	1	C
	5141396	BOX INSTL, LANDING GEAR VALVE SWITCH (SEE FIG. 264 AND 266 FOR NHA)	REF	
	4141397	BOX ASSY, LANDING GEAR VALVE SWITCH	1	
		(ATTACHING PARTS)		
	MS35207-262	SCREW, (ALT PN AN520-10-7)	2	
	MS21044D3	NUT, (ALT PN AN365D1032)	2	
- 33	AN255-8	SCREW, (ALT PN S1000373)	5	
- 34	S1003342	WASHER, FIBER	5	
	AN960D8	WASHER	5	
	MS35338-42	WASHER, (ALT PN AN935-8)	5	
- 35	4141397-6	COVER, LANDING GEAR VALVE SWITCH BOX (MAKE FROM S2009020-2)	1	
- 36	MS20341-4S	NUT, (ALT PN AN340-4)	3	
- 37	MS35338-40	WASHER, (ALT PN AN935-4)	3	
- 38	AN960-4	WASHER	3	
- 39	MS35206-214	SCREW, (ALT PN AN515-4-5)	3	
- 40	1117301	BUSHING ASSY, LANDING GEAR VALVE SWITCH (DRILL ON INSTL)	1	
- 41	1202076	BUTTON ASSY, LANDING GEAR WARNING SWITCH	1	
- 42	AN345-10	NUT	1	
- 43	S124682-3S10-022	WASHER	1	
- 44	1116992	SPRING, LANDING GEAR VALVE SWITCH OUTER	1	
- 45	1117276	PLUNGER ASSY, LANDING GEAR VALVE SWITCH	1	
- 46	1117276-2	PIN, VALVE SWITCH PLUNGER	1	
- 47	1117263	PLUG, LANDING GEAR VALVE SWITCH	1	
- 48	1117277	SPRING, LANDING GEAR VALVE SWITCH INNER	1	
- 49	1117247	PLUNGER, LANDING GEAR VALVE SWITCH	1	
- 50	B-R36	MICRO SWITCH ASSY, (91929)	1	
		(ATTACHING PARTS)		
	MS35206-234	SCREW, (ALT PN AN515-6-16)	2	
	MS35338-41	WASHER, (ALT PN AN935-6)	2	
	AN960-6	WASHER	2	
	MS20341-6S	NUT, (ALT PN AN340-6)	2	
- 51	MS35489-6	GROMMET, (ALT PN AN931-4-7)	1	
- 52	4141397-4	BOX ASSY, LANDING GEAR VALVE SWITCH (MAKE FROM S2009020-124N)	1	
	5141613	SWITCH ASSY, THROTTLE WARNING (SEE FIG. 264 AND 266 FOR NHA)	REF	
- 53	S245377	ROD ASSY, THROTTLE WARNING SIGNAL SWITCH	2	
	4141599	BOX ASSY, THROTTLE WARNING SIGNAL SWITCH	1	
		(ATTACHING PARTS)		
	MS35206-247	SCREW, (ALT PN AN515-8-12)	3	
	NAS43DD1-34	SPACER, (ALT PN S117425-2D017)	3	
	MS21044D08	NUT, (ALT PN AN365D832)	3	
- 54	S4111765-3	COVER ASSY, 2-5/16 X 4-3/8 JUNCTION BOX	1	
	MS21044D06	NUT, (ALT PN AN365D632)	4	
	AN960-6	WASHER	4	
- 55	MS35190-238	SCREW, (ALT PN AN505-6-8)	4	
- 56	1119144	CONTACT ASSY, WARNING SIGNAL SWITCH	2	
- 57	AN340B6	NUT	2	
	MS35338-41	WASHER, (ALT PN AN935-6)	2	

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
276	AN960-6	WASHER	2	
- 58	MS35198-30	SCREW, (ALT PN AN506B6-14)	2	
- 59	1119186	CONTACT, WARNING SIGNAL SWITCH	2	
- 60	1119144-2	BEARING, WARNING SWITCH	1	
- 61	1119145	INSULATOR, WARNING SIGNAL SWITCH	2	
- 62	MS35489-13	GROMMET, (ALT PN AN931-7-11)	1	
- 63	4141599-2	STRIP, THROTTLE WARNING SIGNAL SWITCH BOX	1	
- 64	4141599-4	BOX ASSY, THROTTLE WARNING SIGNAL SWITCH (MAKE FROM S4111765-208N)	1	
	5141224	BOX INSTL, BATTERY CART RECEPTACLE JUNCTION (SEE FIG. 265 AND 266 FOR NHA)	REF	
	5140965	BOX ASSY, BATTERY CART RECEPTACLE (ATTACHING PARTS)	1	
- 65	AN507-832R6	SCREW, (ALT PN S1087510-8-6)	6	
- 66	MS35206-243	SCREW, (ALT PN AN526-832-6)	2	
	S4094852-6	COVER ASSY, 9-1/2 X 4-3/4 FASTENER JUNCTION BOX (ALT PN 4142175-6)	1	
	4142175-6	COVER ASSY, SPECIAL 9-1/2 X 4-3/4 JUNCTION BOX	1	
- 67	AJW4-50	FASTENER, (72794)	4	
- 68	S4094852-8	COVER, 9-1/2 X 4-3/4 JUNCTION BOX	1	
	4142175-4	COVER, SPECIAL 9-1/2 X 4-3/4 JUNCTION BOX	1	
- 69	1140528	BAR ASSY, BATTERY CART RECEPTACLE BUS	1	
- 70	1140527	BAR, BATTERY CART RECEPTACLE RELAY BUS	1	
- 71	1189733	BAR, BATTERY CART RECEPTACLE JUMPER BUS	1	
- 72	AN2552-3A	PLUG, (ALT PN 3512 (59730))	1	
- 73	MS35489-17	GROMMET, (ALT PN AN931-10-14)	2	
- 74	5140965-2	BOX ASSY, BATTERY CART RECEPTACLE (MAKE FROM 4142175-8 OR S4094852-416S)	1	
		A 001 THRU 027, 046 THRU 541, 556 AND 557 B 028 THRU 045, 555 AND 558 C 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

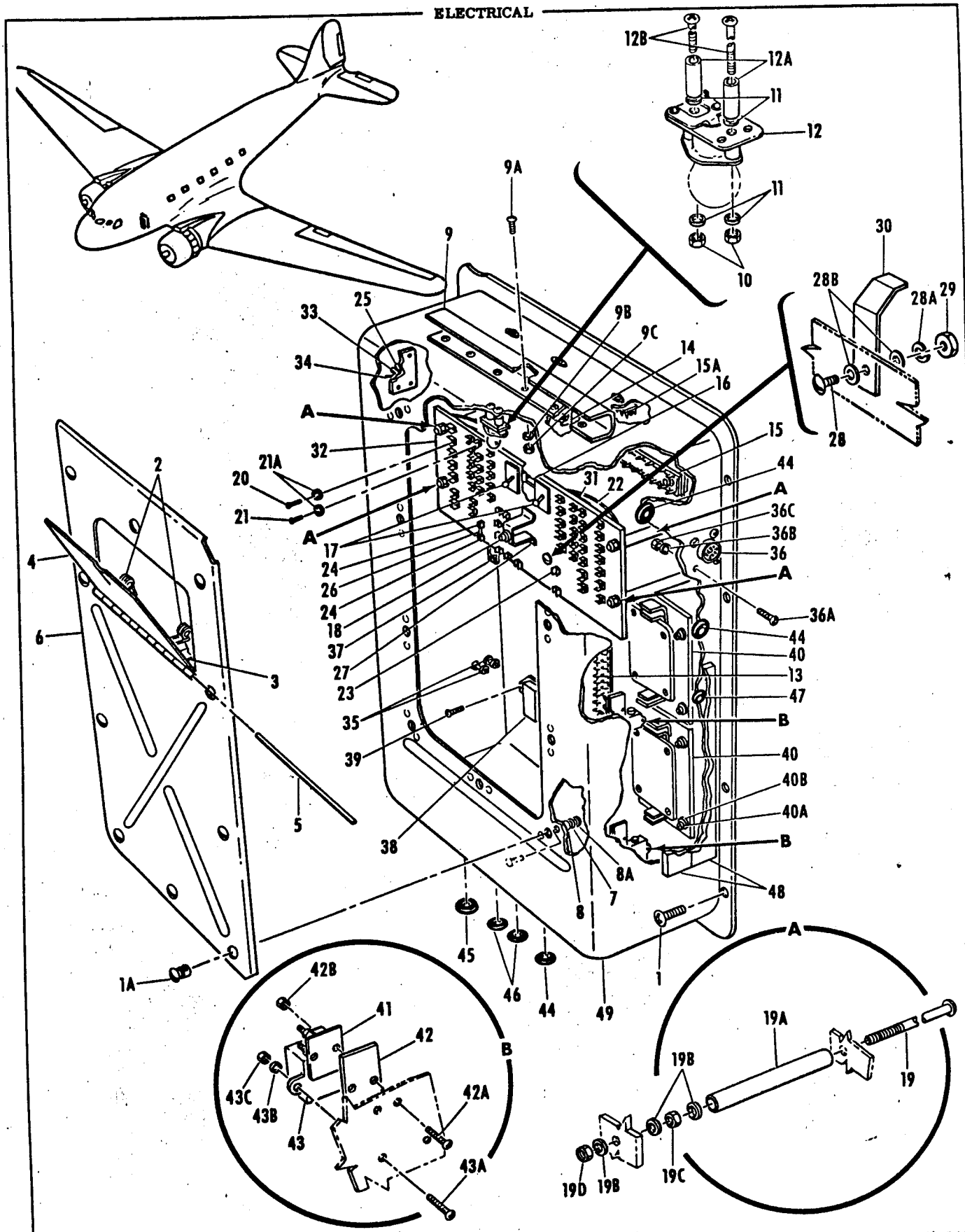

Figure 277. Main Electrical Junction Box

V4-262

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
277	5141252	BOX INSTL, MAIN ELECTRICAL JUNCTION (FOR MODIFICATION SEE 3484894 AND 5484718 FIG. 163) (SEE FIG. 265 FOR NHA)	REF	A
	5141040	BOX AND COVER ASSY, MAIN ELECTRICAL JUNCTION	1	A
		(ATTACHING PARTS)		
- 1	MS35207-264	SCREW, (ALT PN AN520-10-10)	10	A
		----*----		
	5117348	COVER ASSY, MAIN ELECTRICAL JUNCTION BOX	1	A
- 1A	AJ5-50	FASTENER, (72794)	10	A
- 2	1119061	SPRING, FUSE DOOR	2	A
- 3	1119371	HOLDER, FUSE DOOR SPRING (MAKE FROM S134903-028)	2	A
	5117348-6	COVER ASSY, JUNCTION BOX (WELDED)	1	A
- 4	4119060	DOOR ASSY, MAIN JUNCTION BOX	1	A
- 5	S121873-091-1124	PIN, SAFETY HINGE	1	A
- 6	5119059	COVER, MAIN ELECTRICAL JUNCTION BOX	1	A
- 7	S5-225	SPRING, (72794)	10	A
- 8	NAS42DD4-14	SPACER, (ALT PN S117426-4D007)	20	A
- 8A	AN960-4	WASHER	10	A
- 9	2139146	CHANNEL, COIL SUPPORT (DRILL ON INSTL)	1	A
		(ATTACHING PART)		
- 9A	MS35206-244	SCREW, (ALT PN AN515-8-7)	6	A
- 9B	AN960-8	WASHER	6	A
- 9C	MS21044N08	NUT, (ALT PN AN365-832)	6	A
		----*----		
- 10	MS21044N04	NUT, (ALT PN AN365-440)	2	A
- 11	AN960-4	WASHER	4	A
- 12	NO NUMBER	SOCKET ASSY, (TYPE SCF-D-0) (71468)	1	A
- 12A	5141040-2	TUBE, MAIN ELECTRICAL JUNCTION BOX	2	A
- 12B	AN515-4R26	SCREW	2	A
- 13	MS27212-6-6	STRIP ASSY, TERMINAL (ALT PN S2032879-8A6-12)	1	A
- 14	MS27212-6-9	STRIP ASSY, TERMINAL (ALT PN S2032879-8A9-12)	1	A
- 15	MS27212-6-10	STRIP ASSY, TERMINAL (ALT PN S2032879-8A10-12)	1	A
- 15A	MS27212-6-16	STRIP ASSY, TERMINAL (ALT PN S2032879-8A16-12)	1	A
- 16	1117447	BUS, GENERATOR SWITCH CONNECTING	1	A
		(ATTACHING PARTS)		
	MS35207-263	SCREW, (ALT PN AN520-10-8)	2	A
	AN960B10	WASHER	4	A
	MS21044N3	NUT, (ALT PN AN365-1032)	2	A
		----*----		
- 17	8269	SWITCH ASSY, GENERATOR (15605)	2	A
- 18	8410	SWITCH ASSY, SINGLE POLE MOUNTING DOOR (15605)	1	A
	5117346	PANEL ASSY, MAIN JUNCTION BOX FUSE	1	A
		(ATTACHING PARTS)		
- 19	AN520-10-78	SCREW	4	A
- 19A	NAS43DD3-248	SPACER, (ALT PN S117425-3D328)	4	A
- 19B	AN960-10	WASHER	12	A
- 19C	AN345-10	NUT	4	A
- 19D	MS21044D3	NUT, (ALT PN AN365D1032)	4	A
		----*----		
- 20	MS35274-67	SCREW, (ALT PN AN501B10-16)	30	A
- 21	MS35274-62	SCREW, (ALT PN AN501B10-7)	30	A
	MS35338-5	WASHER, (ALT PN AN935-10)	60	A
- 21A	AN960B10	WASHER	60	A
	AN345B10	NUT	60	A
- 22	2119370	GUARD, FUSE PANEL WIRE	2	A
- 23	1218	CLIP, FUSE (75915)	60	A
- 24	1218B	CLIP, FUSE (75915) (SEE T.O. 1C-1-211)	2	A
- 25	AN3160-5	BREAKER ASSY, (SEE T.O. 1C-1-31)	1	A
	NASC09000	GUARD ASSY, (00861) (SEE T.O. 1C-1-31)	1	A
- 26	A6X10	FUSE, SELF INDICATING GLASS TUBE (8A610 AMP) (71400)	1	A
		(SEE T.O. 1C-1-211)		
- 27	1117449	BRACKET, DOOR SWITCH	1	A
		(ATTACHING PARTS)		
	MS35206-245	SCREW, (ALT PN AN515-8-8)	2	A
	MS21044D08	NUT, (ALT PN AN365D832)	2	A
		----*----		
- 28	COML	SCREW, 3/8 X 16 X 1-1/4 IN. LONG BRASS MACHINE SCREW (18702)	1	A
- 28A	MS35338-46	WASHER, (ALT PN AN935-616)	1	A
- 28B	AN960B616	WASHER	2	A
- 29	COML	NUT, 3/8 X 16 HEX BRASS AMERICAN STANDARD THIN PATTERN	1	A
		MACHINE (18792)	1	A
- 30	1117448	BUS, GENERATOR SWITCH SUPPLY	1	A
- 31	2117446	BUS ASSY, MAIN FUSE PANEL	1	A
- 32	4117445	PANEL, MAIN JUNCTION BOX FUSE	1	A

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
	CONTINUED			
277				
- 33	NASC09000	GUARD ASSY, (00861) (SEE T.O. 1C-1-41)	2	A
		(ALT PN 49-1416 (15605))		
	49-1416	GUARD ASSY, (15605) (SEE T.O. 1C-1-41)	2	A
- 34	AN3160-10	BREAKER ASSY, (SEE T.O. 1C-1-41)	2	A
- 35	HHJ3	RESISTOR ASSY, (37942) (SEE T.O. 1C-1-31)	2	A
- 36	LK-A42-325L	RECEPTACLE ASSY, (71468)	1	A
		(ATTACHING PARTS)		
- 36A	MS35206-244	SCREW, (ALT PN AN515-8-7)	3	A
	MS35265-44	SCREW, (ALT PN AN500A8-7)	1	A
- 36B	AN960-8	WASHER	4	A
- 36C	MS21044N08	NUT, (ALT PN AN365-832)	4	A
		-----*-----		
- 37	NO NUMBER	RELAY ASSY, (TYPE 1013-24) (35344)	1	A
- 38	MS24171-D1	SWITCH ASSY, SOLENOID (TYPE B-4) (SPEC 94-32324B) (GFAE)	1	A
		(ATTACHING PARTS)	1	A
- 39	MS35207-280	SCREW, (ALT PN AN520-416-10)	2	A
		-----*-----		
- 40	1202	PANEL ASSY, GENERATOR (TYPE B-1B) (MODEL 1) (19315)	2	A
		(ATTACHING PARTS)		
- 40A	MS35207-263	SCREW, (ALT PN AN520-10-8)	8	A
- 40B	AN960-10	WASHER	8	A
		-----*-----		
- 41	NO NUMBER	SHUNT ASSY, (150 AMP) (SPEC 94-32204) (GFAE)	2	A
- 42	5141040-4	INSULATOR, MAIN ELECTRICAL JUNCTION BOX	1	A
		(ATTACHING PARTS)		
- 42A	MS35206-218	SCREW, (ALT PN AN515-4-10)	4	A
- 42B	MS21044D04	NUT, (ALT PN AN365D440)	4	A
		-----*-----		
- 43	CA275X	CAPACITOR ASSY, (37942)	2	A
		(ATTACHING PARTS)		
- 43A	MS35206-245	SCREW, (ALT PN AN515-8-8)	4	A
- 43B	AN960-8	WASHER	4	A
- 43C	MS21044D08	NUT, (ALT PN AN365D832)	4	A
		-----*-----		
- 44	MS35489-20	GROMMET, (ALT PN AN931-12-17)	3	A
- 45	MS35489-23	GROMMET, (ALT PN AN931-16-22)	1	A
- 46	MS35489-17	GROMMET, (ALT PN AN931-10-14)	2	A
- 47	MS35489-6	GROMMET, (ALT PN AN931-4-7)	1	A
- 48	1189556	COVER, MAIN ELECTRICAL JUNCTION BOX (SEE T.O. 1C-47-28)	2	A
- 49	5140996	BOX ASSY, MAIN ELECTRICAL JUNCTION	1	A
		A 001 THRU 056, 146 THRU 148 AND 555 THRU 558		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

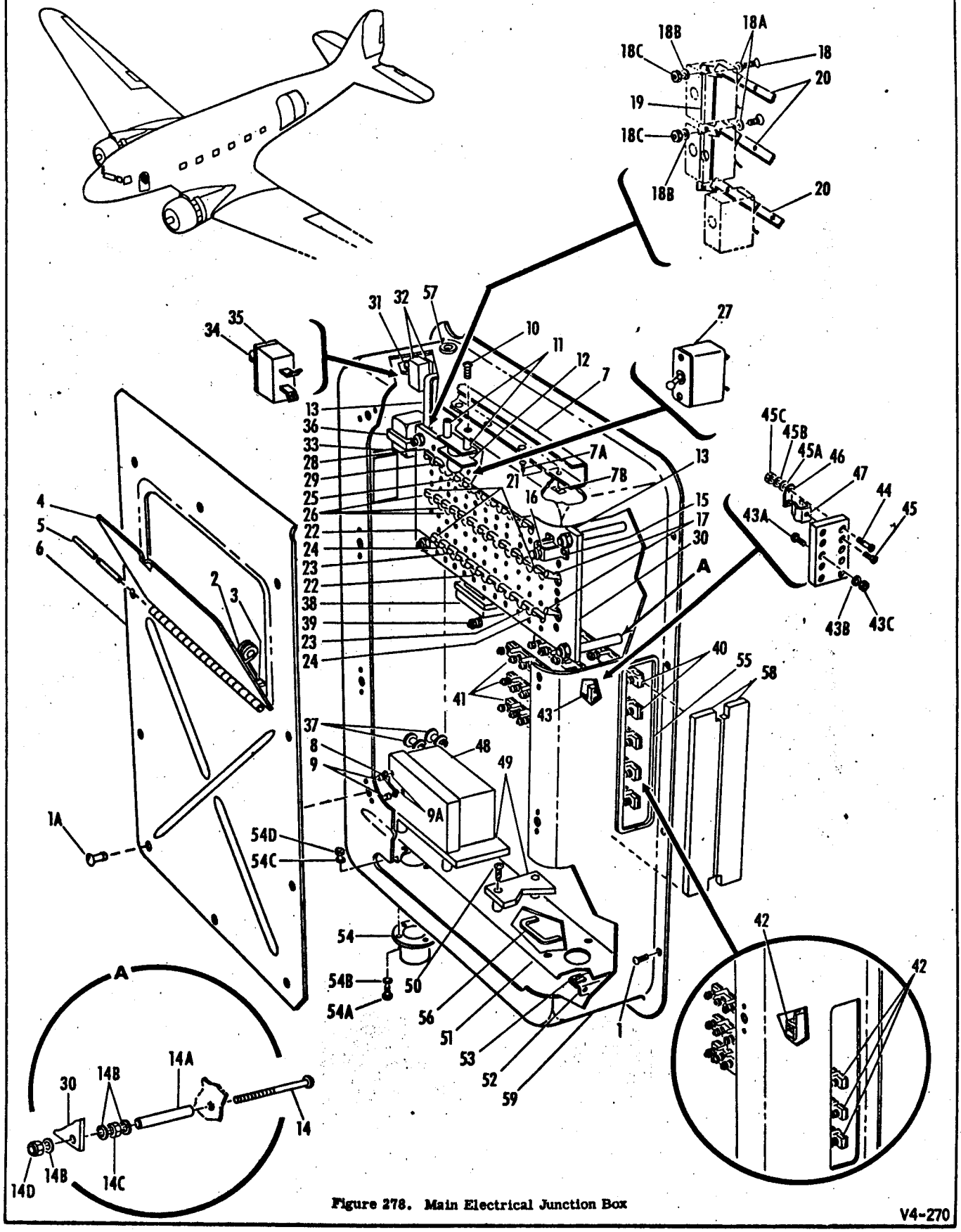

Figure 278. Main Electrical Junction Box

V4-270

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
278	5141252	BOX INSTL, MAIN ELECTRICAL JUNCTION (FOR MODIFICATION SEE 3484894 AND 584718 FIG. 163) (SEE FIG. 265 FOR NHA)	REF	AD
	5188273	BOX INSTL, MAIN ELECTRICAL JUNCTION (FOR MODIFICATION SEE 3484894 FIG. 163) (SEE FIG. 266 FOR NHA)	REF	E
	5205085	BOX AND COVER ASSY, MAIN ELECTRICAL JUNCTION	1	A,D
	5205768	BOX AND COVER ASSY, MAIN ELECTRICAL JUNCTION	1	B
	5143859	BOX AND COVER ASSY, MAIN ELECTRICAL JUNCTION	1	C
	5188272	BOX AND COVER ASSY, MAIN ELECTRICAL JUNCTION	1	E
		(ATTACHING PARTS)		
- 1	MS35207-264	SCREW (ALT PN AN520-10-10)	10	AE
	5117348	COVER ASSY, MAIN ELECTRICAL JUNCTION BOX	1	AE
- 1A	AJ5-50	FASTENER, (72794)	10	AE
- 2	1119061	SPRING, JUNCTION BOX DOOR	2	AE
- 3	1119371	HOLDER, JUNCTION BOX DOOR SPRING (MAKE FROM S134903-028)	2	AE
	5117348-6	COVER ASSY, JUNCTION BOX (WELDED)	1	AE
- 4	4119060	DOOR ASSY, MAIN JUNCTION BOX FUSE	1	AE
- 5	S121873-091-1124	PIN, SAFETY	1	AE
- 6	5119059	COVER, MAIN ELECTRICAL JUNCTION BOX	1	AE
- 7	2139146	CHANNEL, COIL SUPPORT	1	A,CD
		(ATTACHING PARTS)		
- 7A	AN530-8-7	SCREW	6	A,CD
- 7B	NAS446-4-1	NUT, (ALT PN 1778M1 (78553))	6	A,CD
- 8	S5-225	SPRING, (72794)	10	AE
- 9	NAS42DD4-14	SPACER, (ALT PN S117426-4D007)	20	AE
- 9A	AN960-4	WASHER	20	AE
- 10	AN515-4R26	SCREW	2	AE
- 11		SPACER, (PN S2033901-4F-R125-024)	2	AE
	MS21044N04	NUT, (ALT PN AN365-440)	2	AE
- 12	NO NUMBER	SOCKET ASSY, (TYPE SCF-D-0) (71468)	1	AE
- 13	1189745	SUPPORT, MAIN JUNCTION BOX PANEL	2	B
	5205086	PANEL ASSY, MAIN ELECTRICAL JUNCTION BOX CIRCUIT PROTECTOR	1	A,D
	5143860	PANEL ASSY, MAIN ELECTRICAL JUNCTION BOX CIRCUIT PROTECTOR	1	C
	5205644	PANEL ASSY, MAIN ELECTRICAL JUNCTION BOX CIRCUIT PROTECTOR	1	B
	5188365	PANEL ASSY, MAIN ELECTRICAL JUNCTION BOX CIRCUIT PROTECTOR	1	E
		(ATTACHING PARTS)		
- 14	AN520-10-78	SCREW	4	AE
- 14A	NAS43DD3-268	SPACER, (ALT PN S117425-3D406)	4	A,CE
	NAS43DD3-248	SPACER, (ALT PN S117425-3D328)	4	B
- 14B	AN960-10	WASHER	12	A,CE
	AN960-10	WASHER	10	B
- 14C	AN345-10	NUT	4	AE
- 14D	MS21044D3	NUT, (ALT PN AN365D1032)	4	AE
- 15	1117449	BRACKET, DOOR SWITCH	1	AE
		(ATTACHING PARTS)		
	MS24621-32	SCREW, (ALT PN AN530-8-12)	2	AE
	NAS446-4-1	NUT, (ALT PN 1778M1 (78553))	2	AE
- 16	8411K1	SWITCH ASSY, (15605)	1	AE
- 17	AN3023-2	SWITCH ASSY, (ALT PN 8701K2 (15605))	2	AE
- 18	MS35206-243	SCREW, (ALT PN AN515-8-6)	2	A,D
	MS35206-244	SCREW, (ALT PN AN515-8-7)	3	C
	MS35206-243	SCREW, (ALT PN AN515-8-6)	3	B,E
- 18A	AN960B8	WASHER	2	A,D
	AN960B8	WASHER	3	BC,E
- 18B	MS35338-42	WASHER, (ALT PN AN935-8)	2	A,D
	MS35338-42	WASHER, (ALT PN AN935-8)	3	BC,E
- 18C	AN340B8	NUT	2	A,D
	AN340B8	NUT	3	BC,E
- 19	1143806	BAR, CIRCUIT BREAKER CONNECTING BUS	1	AE
- 20	2143853	BAR, MAIN ELECTRICAL JUNCTION BOX CIRCUIT PROTECTOR	3	A,CD
	2189598	BAR, MAIN ELECTRICAL JUNCTION BOX CIRCUIT PROTECTOR	3	B,E
- 21	NASC09000	GUARD ASSY, (00861) (ALT PN 49-1416 (15605))	34	A,DE
	NASC09000	GUARD ASSY, (00861) (ALT PN 49-1416 (15605))	36	B
	NASC09000	GUARD ASSY, (00861) (ALT PN 49-1416 (15605))	33	C
- 22	AN3160-35	BREAKER ASSY	3	AD
	AN3160-35	BREAKER ASSY	1	E
- 23	AN3160-10	BREAKER ASSY	6	A,DE
	AN3160-10	BREAKER ASSY	7	BC
- 24	AN3160-20	BREAKER ASSY	6	AB,D
	AN3160-20	BREAKER ASSY	4	C,E
- 25	AN3160-5	BREAKER ASSY	16	A,CE
	AN3160-5	BREAKER ASSY	15	B
- 26	AN3160-15	BREAKER ASSY	3	AE
- 27	AN3160-50	BREAKER ASSY	1	B
	AN3160-25	BREAKER ASSY	1	E
- 28	NASC09000	GUARD ASSY, (00861) (SEE T.O. 1C-1-31)	1	AE
- 29	AN3160-5	BREAKER ASSY, (SEE T.O. 1C-1-31)	1	AE
	55A6127	NAMEPLATE, (SEE T.O. 1C-1-525)	1	AE
	MS25017-10	BREAKER ASSY, (SEE T.O. 1C-1-525)	1	AE
- 30	4205094	PANEL, MAIN JUNCTION BOX CIRCUIT BREAKER (MAKE FROM 4143857)	1	A,D
	4202746	PANEL, MAIN JUNCTION BOX CIRCUIT BREAKER (MAKE FROM 4143857)	1	C
	4205643	PANEL, MAIN JUNCTION BOX CIRCUIT BREAKER (MAKE FROM 4143857)	1	B
	4188367	PANEL, MAIN JUNCTION BOX CIRCUIT BREAKER (MAKE FROM 4143857)	1	E

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
278				
- 31	NASC09000	GUARD ASSY, (00861) (ALT PN 49-1416 (15605))	2	AE
		(SEE T.O. 1C-1-41)		
- 32	AN3160-10	BREAKER ASSY, (SEE T.O. 1C-1-41)	2	AE
- 33	NO NUMBER	RELAY ASSY, (TYPE 1013-24) (35344)	1	B,CD
- 34	NASC09000	GUARD ASSY, (00861) (ALT PN 49-1416 (15605))	1	B
- 35	AN3160-5	BREAKER ASSY	1	B
- 36	C124	TRANSFORMER ASSY, (81832)	1	B
- 37	HHJ3	RESISTOR ASSY, (37942) (SEE T.O. 1C-1-31)	2	AE
- 38	MS24171-D1	RELAY ASSY, CURRENT (TYPE B-4) (SPEC 94-323248) (GFAE)	1	AE
- 39	S1093732	STUD ASSY, GROUND	1	AE
- 40	MS27212-6-14	STRIP ASSY, TERMINAL (ALT PN S2032879-8A14-12 AND -8B14-12)	2	AC,E
- 41	MS27212-6-15	STRIP ASSY, TERMINAL (ALT PN S2032879-8A15-12 AND -8B15-12)	3	F
- 42	MS27212-6-15	STRIP ASSY, TERMINAL (ALT PN S2032879-8A15-12)	4	B
	NO NUMBER	FUSE, 3 AMP 4AG (75915) (INCLUDES SPARE)	2	E
- 43	2189139	CLIP ASSY, 4AG FUSE	1	E
		(ATTACHING PARTS)		
- 43A	MS35206-246	SCREW, (ALT PN AN515-8-10)	2	E
- 43B	AN960-8	WASHER	4	E
- 43C	MS21044D08	NUT, (ALT PN AN365D832)	2	E
		----*----		
- 44	AN507UB832R14	SCREW, (ALT PN S108751088-14)	4	E
- 45	AN507UB832R7	SCREW, (ALT PN S108751088-7)	4	E
- 45A	AN960B8	WASHER	4	E
- 45B	MS35338-42	WASHER, (ALT PN AN935-8)	4	E
- 45C	AN340B8	NUT	4	E
- 46	196-2	TERMINAL, SCREW (75915)	4	E
- 47	123001	CLIP, FUSE (75915) (ALT PN 1217B (75915))	4	E
- 48	1042-17A	REGULATOR ASSY, VOLTAGE (SPEC 94-32276) (GFAE)	2	AE
- 49	40D8445	BASE ASSY	2	AE
- 50	MS24621-30	SCREW, (ALT PN AN530-8-8)	4	AE
- 51	4143856	SUPPORT ASSY, VOLTAGE REGULATOR	1	AE
- 52	1143852	ANGLE ASSY, VOLTAGE REGULATOR SUPPORT AND COVER	4	AE
- 53	NAS488-7-1	NUT, (ALT PN 1805M1 (78553))	2	AE
- 54	S137220-24-200	TUBE, FLANGED	1	A,CD
		(ATTACHING PARTS)		
- 54A	MS35206-214	SCREW, (ALT PN AN515-4-5)	4	A,CD
- 54B	AN960-416	WASHER	4	A,CD
- 54C	MS35337-40	WASHER, (ALT PN AN935-4L)	4	A,CD
- 54D	MS20341-4S	NUT, (ALT PN AN340-4)	4	A,CD
		----*----		
- 55	S177469N7-2205	CHANNEL, EXTRUDED ELASTIC	1	AE
- 56	S177469N7-924	CHANNEL, EXTRUDED ELASTIC	1	AD
	S177469N7-518	CHANNEL, EXTRUDED ELASTIC	1	C,E
- 57	MS35489-16	GROMMET, (ALT PN AN931-9-13)	1	E
- 58	1189556	COVER, MAIN ELECTRICAL JUNCTION BOX (SEE T.O. 1C-47-28)	2	AE
- 59	5143969	BOX ASSY, MAIN ELECTRICAL JUNCTION (WELDED)	1	AE
		A 093 THRU 145, 149 THRU 171 AND 179 THRU 182		
		B 172 THRU 177 AND 210 THRU 541		
		C 057 THRU 092 AND 178		
		D 183 THRU 209		
		E 542 THRU 554		
		F 057 THRU 145, 149 THRU 171, 178 THRU 182 AND 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

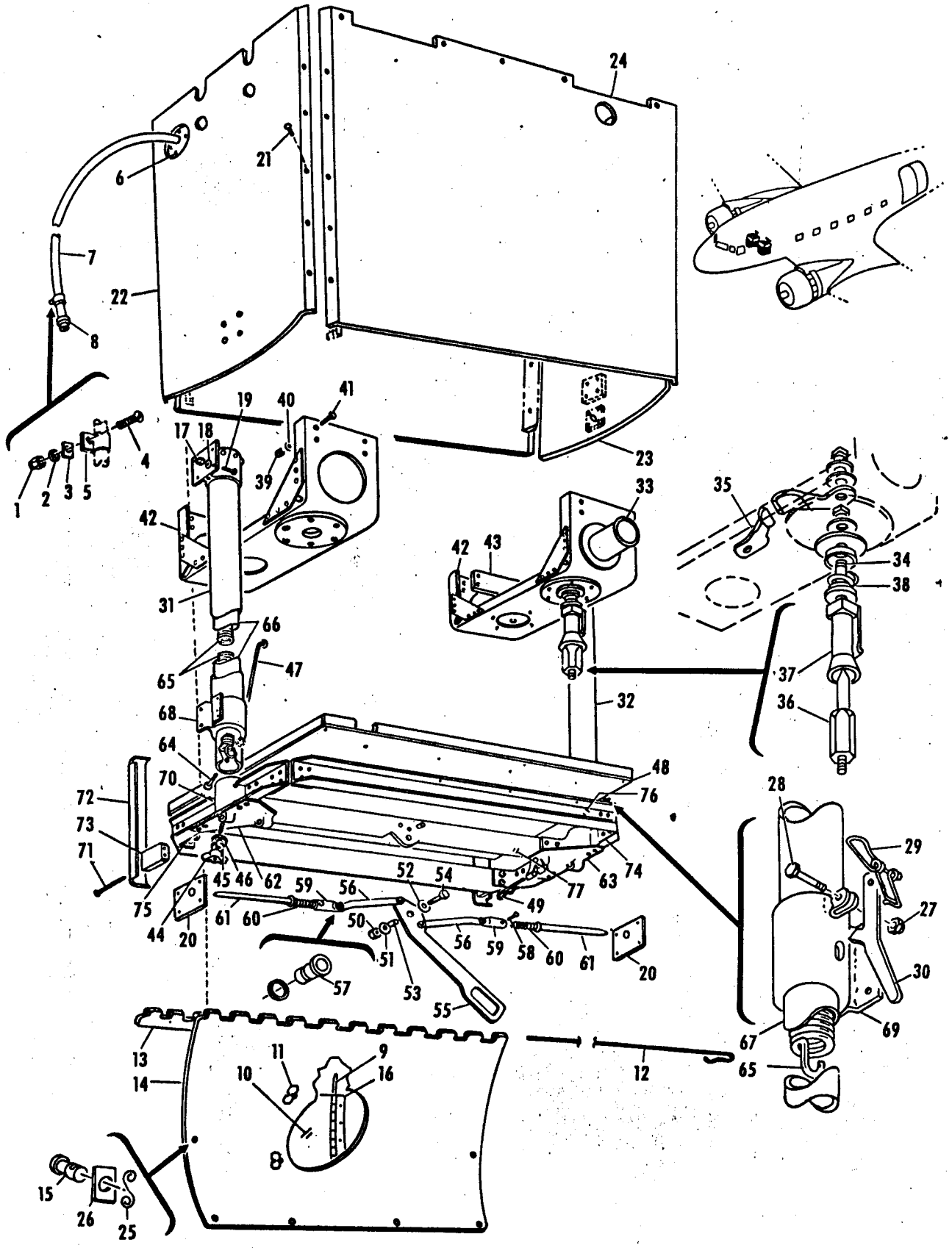

Figure 279. Telescopic Battery Support

V4-238

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
279	5140987	SUPPORT INSTL, TELESCOPIC BATTERY	REF	
		(SEE FIG. 265 AND 266 FOR NHA)		
- 1	MS21044N08	NUT, (ALT PN AN365-832)	2	
- 2	AN960-8	WASHER	2	
- 3	NAS43DD3-16	SPACER, (ALT PN S117425-2D008)	2	
- 4	MS35206-247	SCREW, (ALT PN S1027301-8-12)	2	
- 5	AN742D8	CLAMP, (ALT PN S126480-8L)	2	
	MS21044N06	NUT, (ALT PN AN365-632)	8	
	AN960-6	WASHER	8	
	S124682-1S8-034	WASHER	8	
- 6	MS35206-229	SCREW, (ALT PN S1027301-6-7)	8	
- 7	2117974	TUBE ASSY, BATTERY VENT	2	
- 8	MS35489-14	GROMMET, (ALT PN AN931-8-13)	2	
	4115584	DOOR ASSY, BATTERY COMPARTMENT LH	1	
	4115584-1	DOOR ASSY, BATTERY COMPARTMENT RH	1	
- 9	S121873-081-428	PIN, SAFETY	1	
- 10	4115584-6	DOOR ASSY, BATTERY COMPARTMENT DOOR (WELDED)	1	
- 11	P100-421-5-24A	STUD, (15022) (ALT PN P100-6 (15022))	2	
- 12	S121873-081-2124	PIN, SAFETY	1	
- 13	S121874BD2128	HINGE, BLANK HOOD	1	
- 14	4115584-8	DOOR ASSY, BATTERY COMPARTMENT LH (WELDED)	1	
	4115584-9	DOOR ASSY, BATTERY COMPARTMENT RH (WELDED)	1	
- 15	A5-30	FASTENER, (72794)	6	
- 16	S121874BD500	HINGE, BLANK HOOD	1	
- 17	MS21044N3	NUT, (ALT PN AN365-1032)	16	
- 18	AN960D10	WASHER	16	
- 19	AN3-3A	BOLT	16	
- 20	1117990	PLATE, BATTERY SUPPORT LOCKING	4	
	5141434	BOX ASSY, BATTERY SHIELD LH	1	
	5141434-1	BOX ASSY, BATTERY SHIELD RH	1	
		(ATTACHING PARTS)		
	MS24621-30	SCREW, (ALT PN AN530-8-8)	76	
		----*----		
	MS21044N04	NUT, (ALT PN AN365-440)	24	
	AN960-4	WASHER	24	
- 21	MS35206-218	SCREW, (ALT PN AN515-4-10)	24	
- 22	5141434-18	SHIELD, BATTERY BOX FORWARD LH	1	
	5141434-19	SHIELD, BATTERY BOX FORWARD RH	1	
- 23	5141434-20	SHIELD, BATTERY BOX REAR LH	1	
	5141434-21	SHIELD, BATTERY BOX REAR RH	1	
- 24	5141434-12	BOX ASSY, BATTERY SHIELD LH	1	
	5141434-15	BOX ASSY, BATTERY SHIELD RH	1	
- 25	S5-225	SPRING, (72794)	12	
- 26	5140987-6	SPACER	12	
- 27	MS21044N3	NUT, (ALT PN AN365-1032)	2	
- 28	AN3-10A	BOLT	2	
- 29	1117986	SPRING, TELESCOPIC TUBE LOCKING ARM	2	
- 30	1117987	LEVER, BATTERY SUPPORT LATCH	2	
- 31	2117984	TUBE ASSY, BATTERY SUPPORT OUTER LH	2	
		(USED ON LH FRONT AND RH REAR)		
- 32	2117984-1	TUBE ASSY, BATTERY SUPPORT OUTER RH	2	
		(USED ON RH FRONT AND LH REAR)		
- 33	S1010632-18-100	OUTLET, FLANGED	1	
		(ATTACHING PARTS)		
	MS35206-228	SCREW, (ALT PN AN515-6-6)	4	
	AN960D6L	WASHER (ALT PN AN960A6L)	4	
	AN340-6	NUT	4	
		----*----		
	COML	NUT, 3/8 X 16 BRASS MACHINE	8	
	AN960-616	WASHER	8	
	MS35338-46	WASHER, (ALT PN AN935-616)	8	
- 34	MS35214-98	SCREW, (ALT PN AN515B616R20)	4	
- 35	2117977	STRAP ASSY, BATTERY	4	
- 36	AA-BP	PLUG ASSY, (71468)	4	
- 37	AA-BR	RECEPTACLE ASSY, (71468)	4	
	AN340B-616	NUT, 3/8 X 16 BRASS	8	
	AN960B616	WASHER	8	
	MS35338-46	WASHER, (ALT PN AN935-616)	8	
- 38	1117995	SPRING, BATTERY TERMINAL	4	
- 39	MS21044N3	NUT, (ALT PN AN365-1032)	32	
- 40	AN960-10	WASHER	32	
- 41	AN3-4A	BOLT	32	
- 42	4117999	SUPPORT ASSY, BATTERY TERMINAL RECEPTACLE	3	
	4117999-1	SUPPORT ASSY, BATTERY TERMINAL RECEPTACLE (RH ONLY)	1	
- 43	5140987-2	SPACER, TELESCOPIC BATTERY SUPPORT	8	
	2117976	BOLT ASSY, BATTERY HOLDDOWN	4	
- 44	MS35426-14	NUT, (ALT PN AN350-4)	1	
- 45	MS35338-44	WASHER, (ALT PN AN935-416)	1	
- 46	AN960-416	WASHER	1	
- 47	2117976-1	BOLT, BATTERY HOLDDOWN	1	

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
	CONTINUED			
279				
	5118007	SUPPORT ASSY, TELESCOPIC BATTERY	2	
- 48	2117975	FLOOR ASSY, TELESCOPIC BATTERY SUPPORT	1	
		(ATTACHING PARTS)		
	AN507-632R10	SCREW, (ALT PN S1087510-6-10)	8	
	AN960-6	WASHER	8	
	MS21044D06	NUT, (ALT PN AN365-632)	8	
- 49	S121873S081-112	PIN, SAFETY	1	
- 50	MS21044N3	NUT, (ALT PN AN365-1032)	1	
- 51	S124682-3D10-051	WASHER	1	
- 52	S124682-3D10-091	WASHER	1	
- 53	S116500-3C005	BUSHING	1	
- 54	AN3-6A	BOLT	1	
- 55	2117979	HANDLE, BATTERY SUPPORT LOCK	1	
- 56	1117991	LINK, BATTERY SUPPORT LOCK	2	
- 57	S116500-2C004	BUSHING	4	
	S124682-1D6-040	WASHER	4	
- 58	MS20392-1C15	PIN, (ALT PN AN392-15)	2	
- 59	1117989	COUPLING, BATTERY SUPPORT LOCK	2	
- 60	1117997	SPRING, BATTERY SUPPORT LOCK	2	
- 61	1117998	PIN, BATTERY SUPPORT LOCK	2	
- 62	1117992	GUIDE ASSY, BATTERY SUPPORT FORWARD LOCK PIN	1	
		(DRILL ON INSTL)		
- 63	2117079	GUIDE ASSY, BATTERY SUPPORT REAR LOCK PIN	1	
		(DRILL ON INSTL)		
	MS21044N3	NUT, (ALT PN AN365-1032)	4	
- 64	AN3-13A	BOLT	4	
- 65	1117985	SPRING, TELESCOPIC TUBE RETRACTING	2	
- 66	1117982-3	TUBE ASSY, BATTERY SUPPORT INNER TELESCOPIC	1	
		(DRILL ON INSTL)		
- 67	1117982-5	TUBE ASSY, BATTERY SUPPORT INNER TELESCOPIC	1	
		(DRILL ON INSTL)		
- 68	2117981	SUPPORT ASSY, BATTERY TELESCOPIC TUBE LOWER	1	
		(DRILL ON INSTL)		
- 69	2117983	SUPPORT ASSY, BATTERY TELESCOPIC TUBE LATCH	1	
		(DRILL ON INSTL)		
- 70	2117978	SUPPORT ASSY, BATTERY INNER TELESCOPIC TUBE	2	
		(DRILL ON INSTL)		
	MS21044N06	NUT, (ALT PN AN365-632)	4	
	AN960-6	WASHER	4	
- 71	S1029421-6-28	SCREW, 100 DEGREE RECESSED FLAT HEAD	4	
- 72	1117993	GUIDE, BATTERY COMPARTMENT DOOR LH (MAKE FROM S136555-5-23)	1	
	1117993-1	GUIDE, BATTERY COMPARTMENT DOOR RH (MAKE FROM S136555-5-23)	1	
- 73	1117996	SUPPORT, BATTERY COMPARTMENT DOOR GUIDE	2	
- 74	1117988-1	CLIP, BATTERY SUPPORT REINFORCING	2	
- 75	1117988-2	CLIP, BATTERY SUPPORT REINFORCING	2	
- 76	1117920	CHANNEL, BATTERY SUPPORT BASE	2	
- 77	2117980	CHANNEL ASSY, BATTERY SUPPORT CENTER BASE	1	

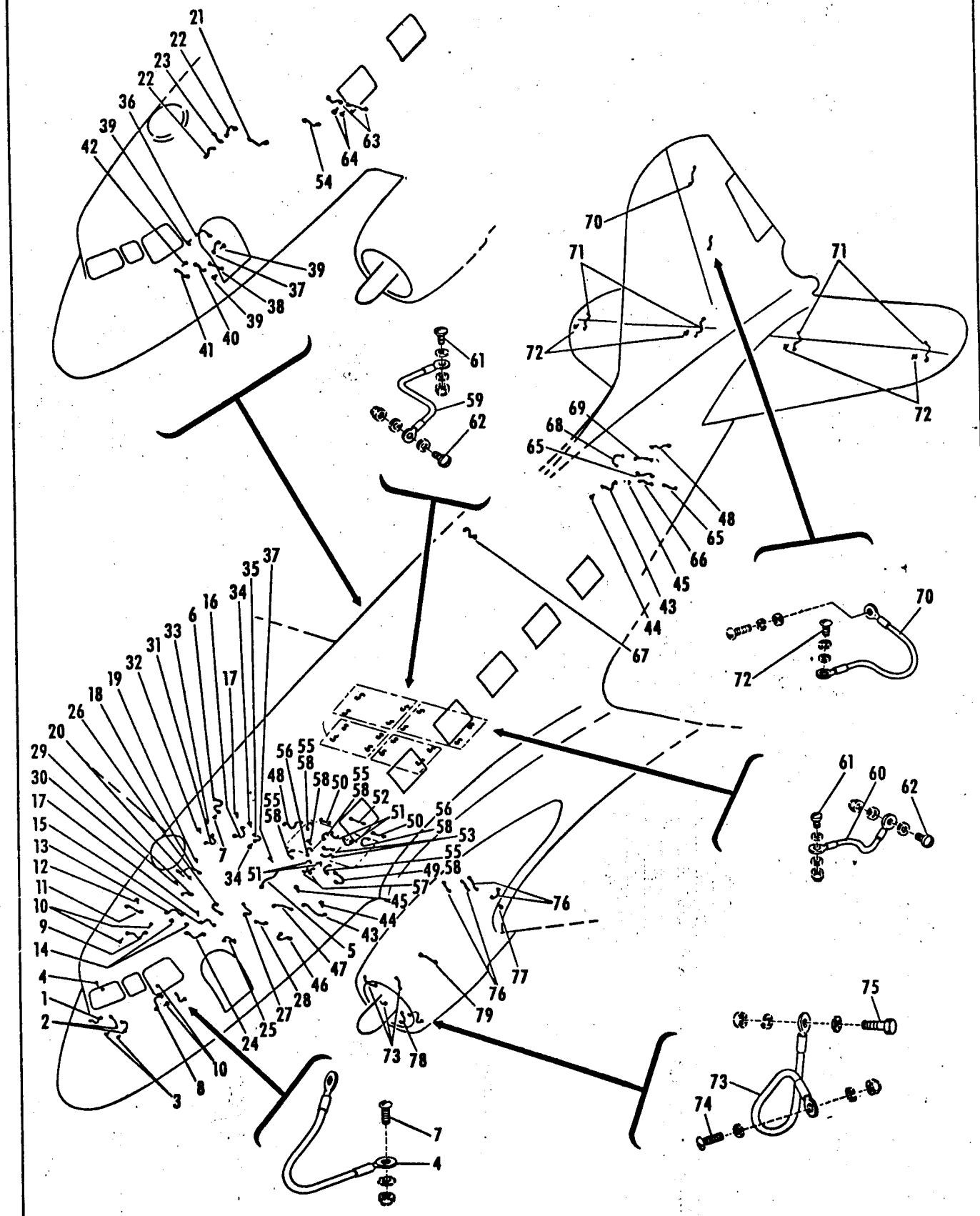

Figure 280. Electrical Bonding

V4-265

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
280	5202128	BONDING INSTL, ELECTRICAL		
	5188953	BONDING INSTL, ELECTRICAL	1	A
- 1	6059H2J3	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A3A4-2-30)	1	B
- 2	6059B1B10	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A2A2-1-100)	1	AB
		(ATTACHING PARTS)	2	AB
- 3	MS35206-246	SCREW, (ALT PN AN526-832-10)		
	MS35335-31	WASHER, (ALT PN AN936B8)	2	AB
	AN960-8	WASHER	2	AB
	MS21044N08	NUT, (ALT PN AN365-832)	4	AB
			2	AB
- 4	6059H( )H3	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A10A3-( )-30)		
- 5	6059B1B4	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A2A2-1-40)	2	A
- 6	6059B1B6	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A2A2-1-60)	1	A
		(ATTACHING PARTS)	1	A
- 7	MS35206-245	SCREW, (ALT PN AN515-8-8)		
	MS35333-38	WASHER, (ALT PN AN936A8)	4	A
	MS21044N08	NUT, (ALT PN AN365-832)	4	A
			4	A
- 8	6059B1B5	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A2A2-1-50)		
- 9	6059B1B4	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A2A2-1-40)	1	AB
		(ATTACHING PARTS)	1	AB
- 10	MS35206-245	SCREW, (ALT PN AN526-832-8)		
	AN960-8	WASHER	4	AB
	MS35335-31	WASHER, (ALT PN AN936B8) (USED WITH 6059B1B4 (91812))	4	AB
	MS21044N08	NUT, (ALT PN AN365-832)	2	AB
			4	AB
- 11	6059H2H6	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A3A3-2-60)		
		(ATTACHING PARTS)	1	A
- 12	MS35206-245	SCREW, (ALT PN AN526-832-8)		
	AN960-8	WASHER	1	A
	MS35335-31	WASHER, (ALT PN AN936B8)	2	A
	MS21044N08	NUT, (ALT PN AN365-832)	1	A
			1	A
- 13	6059G2G4	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A2A2-2-40)		
		(ATTACHING PARTS)	2	A
- 14	MS21044N08	NUT, (ALT PN AN365-832)		
	MS35333-38	WASHER, (ALT PN AN936A8)	2	A
			1	A
- 15	6059B1-6	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A2-1-60)		
- 16	6059B1B4	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A2A2-1-40)	1	A
		(ATTACHING PARTS)	1	A
- 17	MS35206-248	SCREW, (ALT PN AN515-8-14)		
	MS21044N08	NUT, (ALT PN AN365-832)	2	A
			2	A
- 18	6059D1B4	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A4A2-1-40)		
		(ATTACHING PARTS)	1	A
- 19	MS35206-245	SCREW, (ALT PN AN515-8-8)		
	MS35333-38	WASHER, (ALT PN AN936A8)	1	A
	MS21044N08	NUT, (ALT PN AN365-832)	2	A
			1	A
- 20	6059B1B5	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A2A2-1-50)		
- 21	6059B1B6	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A2A2-1-60)	1	A
- 22	6059B1B4	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A2A2-1-40)	1	B
- 23	6059B1-5	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A2-1-50)	2	B
- 24	6059C1C4	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A3A3-1-40)	1	B
- 25	6059H2J4	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A3A4-2-40)	1	A
- 26	6059G2J4	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A2A4-2-40)	1	A
- 27	6059B1C4	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A2A3-1-40)	1	A
- 28	6059B1B3-1/2	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A2A2-1-31)	1	A
- 29	6059B1B4	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A2A2-1-40)	1	A
		(ATTACHING PARTS)	1	A
- 30	MS35206-249	SCREW, (ALT PN AN515-8-16)		
	AN960-8	WASHER	1	A
	MS21044N08	NUT, (ALT PN AN365-832)	1	A
			1	A
- 31	6059H2H4	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A3A3-40)		
		(ATTACHING PARTS)	1	A
- 32	MS35206-248	SCREW, (ALT PN AN526-832-14)		
	MS21044N08	NUT, (ALT PN AN365-832)	1	A
- 33	MS35207-266	SCREW, (ALT PN AN526-1032-14)	1	A
	MS21044N3	NUT, (ALT PN AN365-1032)	1	A
			1	A
- 34	MS35206-248	SCREW, (ALT PN AN526-832-14)		
	MS21044N08	NUT, (ALT PN AN365-832)	2	A
- 35	6059B1C4	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A2A3-1-40)	2	A
- 36	6059B1-4	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A2-1-40)	1	A
- 37	6059H3H6	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A10A10-3-60)	1	B
- 38	6059B1B4	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A2A2-1-40)	1	B
		(ATTACHING PARTS)	1	B
- 39	MS35206-247	SCREW, (ALT PN AN515-8-12)		
	MS35338-42	WASHER, (ALT PN AN935-8)	3	B
	MS35335-31	WASHER, (ALT PN AN936B8)	3	B
	MS35335-31	WASHER, (ALT PN AN936B8) (USED WITH 6059B1B4 (91812))	3	B
	AN960-8	WASHER	1	B
	MS21044N08	NUT, (ALT PN AN365-832)	3	B
			3	B
- 40	6059B1B3-1/2	JUMPER ASSY, BONDING (ALT PN S2149882A2A2-1-31)	1	B

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
280				
- 41	6059B1B4	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A2A2-1-40)	1	B
		(ATTACHING PARTS)		
- 42	MS35206-247	SCREW, (ALT PN AN515-8-12)	1	B
	AN960-8	WASHER	1	B
- 43	6059B1B4	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A2A2-1-40)	1	A
		(ATTACHING PARTS)		
- 44	MS35206-245	SCREW, (ALT PN AN515-8-8)	2	A
	MS35333-38	WASHER, (ALT PN AN936A8)	2	A
	MS21044N08	NUT, (ALT PN AN365-832)	1	A
- 45	MS35206-248	SCREW, (ALT PN AN515-8-14)	2	A
	AN960-8	WASHER	2	A
	MS21044N08	NUT, (ALT PN AN365-832)	2	A
- 46	6059B1C3	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A2A3-1-30)	1	A
- 47	6059B1B6	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A2A2-1-60)	1	A
- 48	6059B1B4-1/2	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A2A2-1-41)	2	A
- 49	6059B1C8-1/2	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A2A3-1-81)	1	A
- 50	6059H2J9	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A3A4-2-90)	2	A
- 51	6059J2J14	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A4A4-2-140)	4	A
- 52	6059B1B9	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A2A2-1-90)	1	A
- 53	6059B1B5	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A2A2-1-50)	2	A
- 54	6059B1C2	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A2A3-1-20)	1	B
- 55	6059H2J4	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A3A4-2-40)	4	A
- 56	6059H2J5	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A3A4-2-50)	2	A
- 57	6059B( )B4	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A2A2-( )-40)	2	A
		(ATTACHING PARTS)		
- 58	MS35206-245	SCREW, (ALT PN AN526-832-8)	8	A
	AN960-8	WASHER	8	A
	MS21044N08	NUT, (ALT PN AN365-832)	8	A
- 59	6059B1B9	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A2A2-1-90)	8	AB
- 60	6059H2H5	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A3A3-2-50)	8	AB
		(ATTACHING PARTS)		
- 61	MS35206-245	SCREW, (ALT PN AN526-832-8)	16	AB
- 62	MS35206-246	SCREW, (ALT PN AN526-832-10)	16	AB
	AN960-8	WASHER	64	AB
	MS21044N08	NUT, (ALT PN AN365-832)	32	AB
- 63	6059B1B5	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A2A2-1-50)	2	AB
		(ATTACHING PARTS)		
- 64	MS35206-245	SCREW, (ALT PN AN515-8-8)	2	AB
	MS35333-38	WASHER, (ALT PN AN936A8)	2	AB
	MS35338-42	WASHER, (ALT PN AN935-8)	2	B
	AN960-8	WASHER	2	AB
	MS21044N08	NUT, (ALT PN AN365-832)	2	AB
- 65	6059B1B4-1/2	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A2A2-1-41)	2	AB
- 66	6059C1C4-1/2	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A3A3-1-41)	1	AB
- 67	6059B1C2	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A2A3-1-20)	1	A
- 68	6059H2H5	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A3A3-2-50)	1	A
- 69	6059H2H6	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A3A3-2-60)	1	A
- 70	6059H2J6	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A3A4-2-60)	2	AB
- 71	6059H2J4	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A3A4-2-40)	4	AB
		(ATTACHING PARTS)		
- 72	MS35206-245	SCREW, (ALT PN AN515-8-8)	6	AB
	MS35335-31	WASHER, (ALT PN AN936B8)	6	AB
	MS35338-42	WASHER, (ALT PN AN935-8)	6	AB
	AN960-8	WASHER	6	AB
- 73	6059B1D8	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A2A4-1-80)	8	AB
		(ATTACHING PARTS)		
- 74	MS35206-245	SCREW, (ALT PN AN515-8-8)	8	AB
	AN960-8	WASHER	8	AB
	MS35338-42	WASHER, (ALT PN AN935-8)	8	AB
	MS21044N08	NUT, (ALT PN AN365-832)	8	AB
- 75	AN4-6A	BOLT	8	AB
	AN960-416L	WASHER	8	AB
	MS35338-44	WASHER, (ALT PN AN935-416)	8	AB
	AN315-4R	NUT	8	AB
- 76	6059B1B8-1/2	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A2A2-1-81)	8	AB
		(ATTACHING PARTS)		
- 77	MS35206-245	SCREW, (ALT PN AN526-832-8)	16	AB
	AN960-8	WASHER	16	AB
	MS21044N08	NUT, (ALT PN AN365-832)	16	AB
- 78	6059B1B9	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A2A2-1-90)	1	AB
		(USED ON LH NACELLE)		
- 79	6059H2J6	JUMPER ASSY, BONDING (91812) (ALT PN S2149882A3A4-2-60)	2	AB
		A 173, 176, 177, 404 THRU 427 AND 537 THRU 541		
		B 542 THRU 554		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

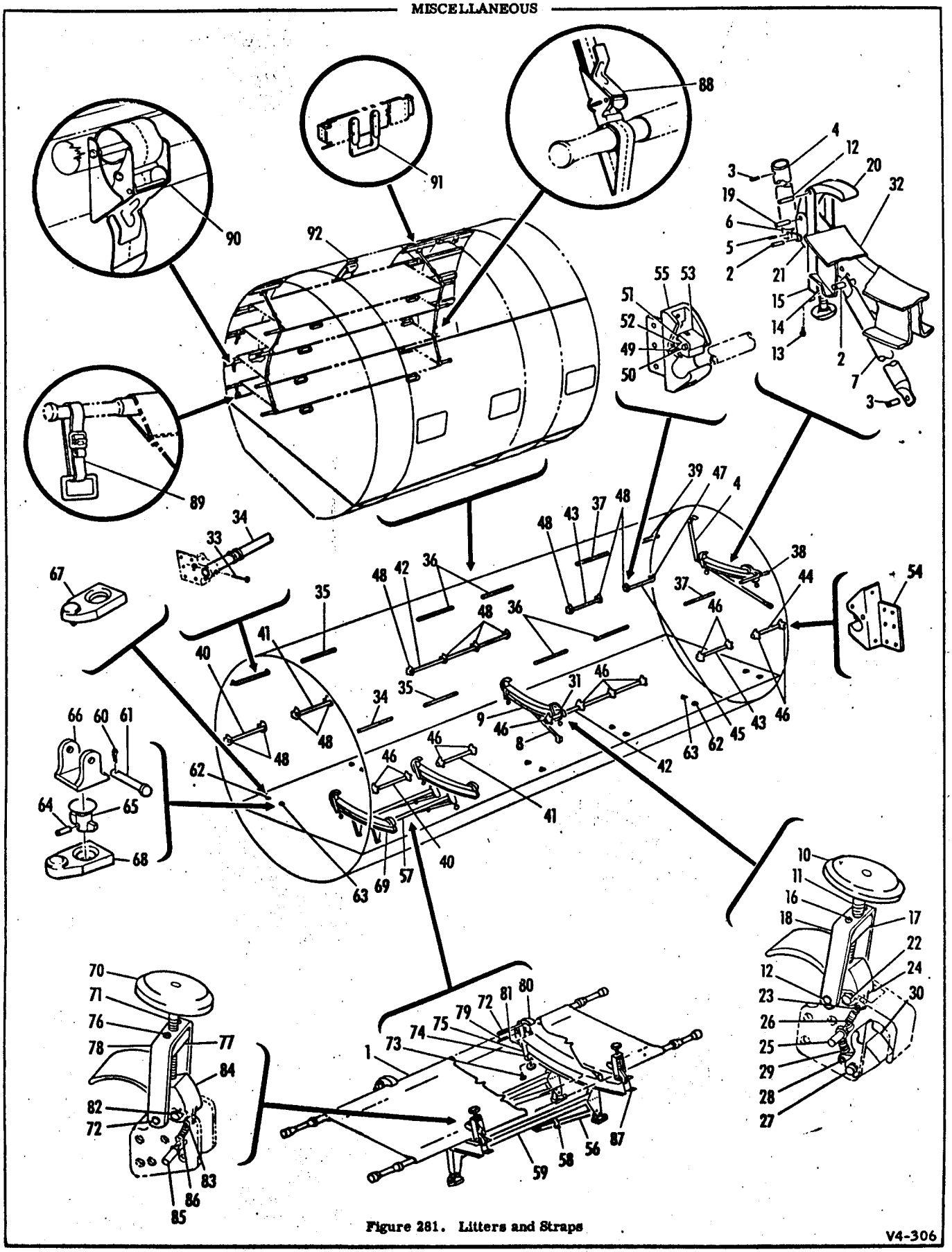

Figure 281. Litters and Straps

V4-306

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
281		LITTERS AND STRAPS	REF	A
	5110541	LITTER INSTL, (SEE FIG. 203 FOR NHA)	18	A
- 1	1911G	LITTER ASSY, (67239) (GFAE)	72	A
- 2	MS20392-3C45	PIN, (ALT PN AN394-45)	72	A
- 3	S121873S064-0019	PIN, SAFETY	12	A
- 4	2132630	TUBE ASSY, UPPER LITTER SUPPORT	2	A
- 5	1132540	PIN, UPPER LITTER INBOARD SUPPORT	1	A
- 6	2132532	FITTING, UPPER LITTER SUPPORT TUBE END	12	A
- 7	2132616	TUBE ASSY, LITTER SUPPORT UPPER	12	A
- 8	2132615	TUBE ASSY, CENTER LITTER SUPPORT	24	A
- 9	5132411	SUPPORT ASSY, LITTER	2	A
	2132409	SCREW ASSY, LITTER SUPPORT OUTBOARD CLAMP	1	A
- 10	S2139818	KNOB, PARACHUTE RACK CHECK	1	A
- 11	2132409-2	SCREW, LITTER SUPPORT OUTBOARD CLAMP	2	A
- 12	1132403	PIN, LITTER SUPPORT CLAMP	1	A
	2132408	SHACKLE ASSY, LITTER SUPPORT CLAMP	2	A
- 13	MS21318-29	SCREW, (ALT PN AN535-6-6)	1	A
- 14	2132408-4	BLOCK, LITTER SUPPORT CLAMP SHACKLE	1	A
- 15	2132408-2	SHACKLE, LITTER SUPPORT CLAMP	1	A
	2142538	SHACKLE ASSY, LITTER SUPPORT CLAMP	2	A
- 16	MS21318-29	SCREW, (ALT PN AN535-6-6)	1	A
- 17	1142985	BLOCK, LITTER SUPPORT SHACKLE	1	A
- 18	2143002	SHACKLE, LITTER SUPPORT CLAMP	1	A
- 19	1132406	PIN, LITTER SUPPORT CLAMP PIVOT	1	A
- 20	S2132387	CLAMP, LITTER SUPPORT INBOARD	1	A
- 21	S4132384	SUPPORT, LITTER INBOARD	1	A
- 22	S146142-312-106	PIN	1	A
- 23	1118504	PIN, UPPER LITTER LATCH ATTACH	1	A
- 24	S2175661	CLAMP, OUTER LITTER SUPPORT	1	A
- 25	1132405	PIN, LITTER SPRING ATTACH	1	A
- 26	1142539	SPRING, LITTER CLAMP	1	A
- 27	1132404	PIN, LITTER LATCH PIVOT	1	A
	2132826	LATCH ASSY, LITTER	1	A
- 28	1118504	PIN, UPPER LITTER LATCH ATTACH	1	A
- 29	1118443	SPRING, UPPER LITTER ATTACH FITTING	1	A
- 30	S2132407	LATCH, LITTER OUTBOARD	1	A
- 31	S2175660	SUPPORT, UPPER AND CENTER LITTER OUTBOARD	1	A
- 32	5132410	CHANNEL ASSY, LITTER SUPPORT	24	A
- 33	AN3-17A	BOLT	24	A
	MS21044N3	NUT, (ALT PN AN365-1032)	2	A
- 34	2132722-2	TUBE, UPPER LITTER SUPPORT HORIZONTAL	2	A
- 35	2132722-4	TUBE, UPPER LITTER SUPPORT HORIZONTAL	4	A
- 36	2132722-6	TUBE, UPPER LITTER SUPPORT HORIZONTAL	2	A
- 37	2132722-8	TUBE, UPPER LITTER SUPPORT HORIZONTAL	1	A
- 38	2132722-10	TUBE, UPPER LITTER SUPPORT HORIZONTAL (USED ON LH SIDE)	1	A
- 39	2132722-12	TUBE, UPPER LITTER SUPPORT HORIZONTAL (USED ON RH SIDE)	2	A
- 40	4132891-2	TUBE, CENTER LITTER SUPPORT HORIZONTAL	2	A
- 41	4132891-4	TUBE, CENTER LITTER SUPPORT HORIZONTAL	2	A
- 42	3132672	TUBE, CENTER LITTER SUPPORT HORIZONTAL	2	A
- 43	4132891-6	TUBE, CENTER LITTER SUPPORT HORIZONTAL	1	A
- 44	4132891-8	TUBE, CENTER LITTER SUPPORT HORIZONTAL (USED ON LH SIDE)	1	A
- 45	4132891-10	TUBE, CENTER LITTER SUPPORT HORIZONTAL (USED ON RH SIDE)	12	A
- 46	4118444	FITTING ASSY, UPPER LITTER ATTACHMENT LH	1	A
- 47	4118444	FITTING ASSY, UPPER LITTER ATTACHMENT LH (USED ON RH SIDE)	11	A
- 48	4118444-1	FITTING ASSY, UPPER LITTER ATTACHMENT RH	1	A
- 49	1118502	PIN, UPPER LITTER FITTING ATTACHMENT	1	A
- 50	1118503	PIN, UPPER LITTER FITTING AND LATCH ATTACHMENT	1	A
- 51	S146142-125-016	PIN	1	A
- 52	1118443	SPRING, UPPER LITTER ATTACHMENT FITTING	1	A
- 53	2118210	LATCH, UPPER LITTER FITTING ATTACHMENT	1	A
- 54	4118321	FITTING, UPPER LITTER ATTACHMENT LH	1	A
- 55	4118321-1	FITTING, UPPER LITTER ATTACHMENT RH	6	A
- 56	5139545	TUBE ASSY, INCLINED LITTER	12	A
		(ATTACHING PARTS)	12	A
	AN4-15A	BOLT	12	A
	MS21044N4	NUT, (ALT PN AN365-428)	12	A
- 57	3139542	TUBE ASSY, LITTER SUPPORT CONNECTING	96	A
		(ATTACHING PARTS)	96	A
	AN3-15A	BOLT	96	A
	AN960-10	WASHER	1	A
	MS21044N3	NUT, (ALT PN AN365-1032)	3	A
- 58	1139892	CLIP, TUBE STOWAGE	1	A
		(ATTACHING PARTS)	24	A
	MS24621-17	SCREW, (ALT PN AN530-6-6)	24	A
- 59	3139542-2	TUBE, LITTER SUPPORT CONNECTING		
- 60	AN416-2	PIN		
- 61	MS20392-3C39	PIN, (ALT PN AN394-39)		

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
281				
- 62	4139544	FITTING ASSY, OUTBOARD LEG LITTER FLOOR	12	A
- 63	4139543	FITTING ASSY, INBOARD LEG LITTER FLOOR	12	A
- 64	S146142-125-15	PIN	1	A
- 65	S2139537	LUG, INCLINED LITTER FLOOR FITTING	1	A
- 66	2139536	FITTING, INCLINED LITTER FLOOR	1	A
- 67	2139538	PLATE ASSY, INCLINED LITTER OUTBOARD FLOOR (USED ON 4139544)	1	A
- 68	2139535	PLATE ASSY, INCLINED LITTER INBOARD FLOOR (USED ON 4139543)	1	A
- 69	5139541	SUPPORT ASSY, LOWER LITTER LH	6	A
	5139541-1	SUPPORT ASSY, LOWER LITTER RH	6	A
	2132409	SCREW ASSY, LITTER SUPPORT CLAMP	2	A
- 70	S2139818	KNOB, PARACHUTE RACK CHECK	1	A
- 71	2132409-2	SCREW, LITTER SUPPORT CLAMP	1	A
- 72	1132403	PIN, LITTER SUPPORT CLAMP	2	A
	2132408	SHACKLE ASSY, LITTER SUPPORT CLAMP	1	A
- 73	MS21318-29	SCREW, (ALT PN AN535-6-6)	2	A
- 74	2132408-4	BLOCK, LITTER SUPPORT CLAMP SHACKLE	1	A
- 75	2132408-2	SHACKLE, LITTER SUPPORT CLAMP	1	A
	2142538	SHACKLE ASSY, LITTER SUPPORT CLAMP	1	A
- 76	MS21318-29	SCREW, (ALT PN AN535-6-6)	2	A
- 77	1142985	BLOCK, LITTER SUPPORT SHACKLE	1	A
- 78	2143002	SHACKLE, LITTER SUPPORT CLAMP	1	A
- 79	1132406	PIN, LITTER SUPPORT CLAMP PIVOT	1	A
- 80	S2132387	CLAMP, LITTER INBOARD	1	A
- 81	S4132384	SUPPORT, LITTER INBOARD	1	A
- 82	S146142-312-106	PIN	1	A
- 83	1118504	PIN, UPPER LITTER LATCH ATTACH	1	A
- 84	S2175661	CLAMP, OUTER LITTER SUPPORT	1	A
- 85	1132405	PIN, LITTER SPRING ATTACH	1	A
- 86	1142539	SPRING, LITTER CLAMP	1	A
- 87	S2175659	SUPPORT, LOWER LITTER OUTBOARD	1	A
	5203604	LITTER INSTL, STRAP TYPE (SEE FIG. 203 FOR NHA)	REF	B
- 88	43G1953	STRAP ASSY, LITTER (87383)	12	B
- 89	43A1951	BELT ASSY, LITTER HOLDDOWN (87383)	36	B
- 90	43B2330	BRACKET ASSY, LITTER (87383)	36	B
		(ATTACHING PARTS)		
	MS35207-263	SCREW, (ALT PN AN520-10-8)	144	B
	MS21044N3	NUT, (ALT PN AN365F1032)	96	B
		—#—		
- 91	X43A2455	HANGER, LITTER STRAP (87383)	12	B
- 92	5205362	BAG ASSY, STOWAGE STRAP TYPE LITTER	12	B
		A 001 THRU 045, 057 THRU 092, 146 THRU 148, 178, 555 AND 558		
		B 046 THRU 056, 093 THRU 145, 149 THRU 177, 179 THRU 541, 556 AND 557		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

PATRICIA AIR TRANSPORT LTD.
BOX 428
SIOUX LOOKOUT, ONTARIO
POV 2TO

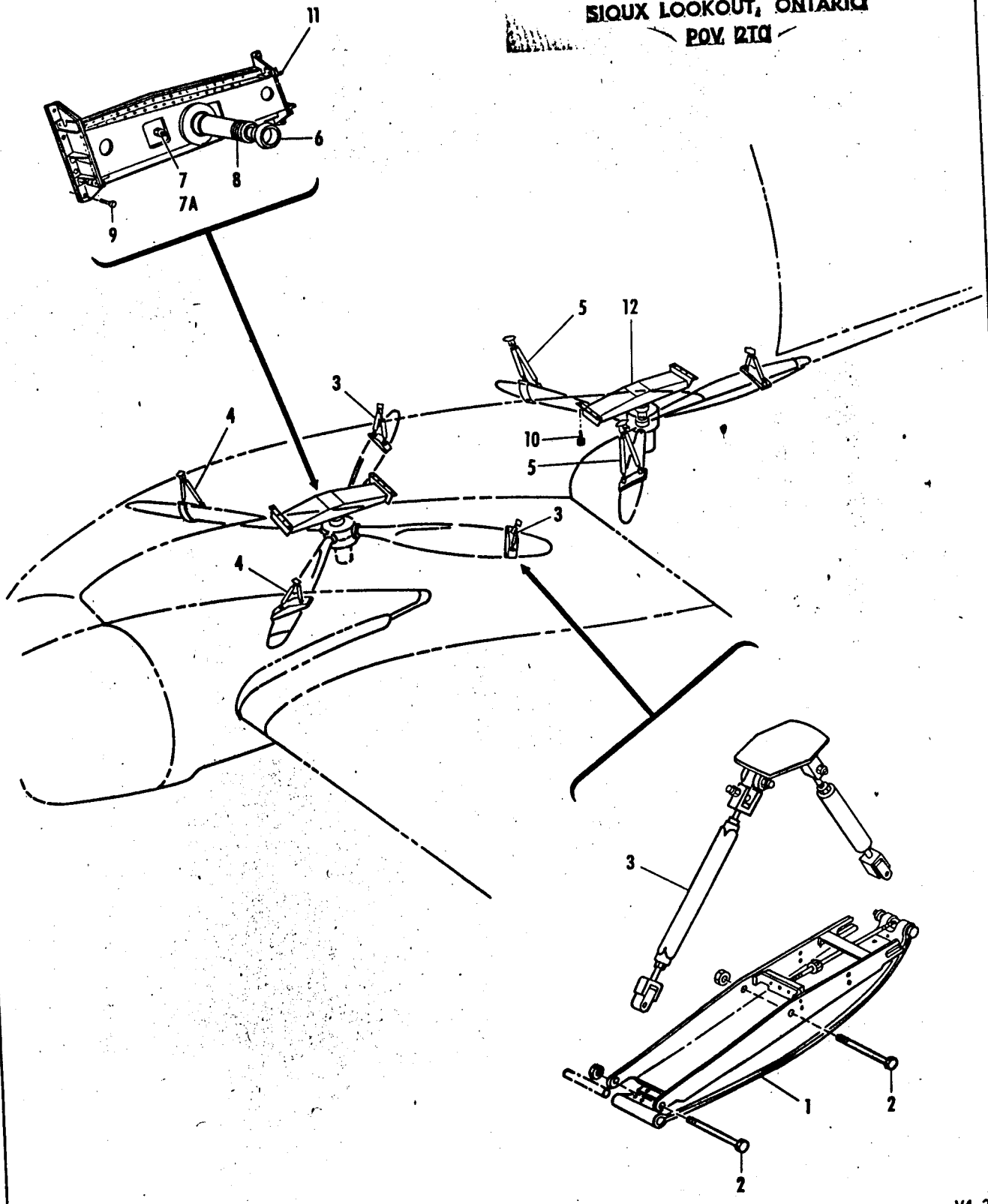

Figure 282. Propeller Transport Equipment

V4-244

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
282	5118478	EQUIPMENT INSTL, PROPELLER TRANSPORT	REF	A
- 1	41D488	CLAMP ASSY, (GFAE)	8	A
	41D488-2	CLAMP ASSY, (GFAE)	8	A
	41D488-3	CLAMP ASSY, (GFAE)	8	A
	41D488-4	CLAMP ASSY, (GFAE)	8	A
- 2	AN3-5A	BOLT, (GFAE)	24	A
- 3	41B989-1	SUPPORT ASSY, (GFAE) (USED WITH 3 OR 4 BLADED PROPELLER)	3	A
	41B989-2	SUPPORT ASSY, (GFAE) (USED WITH 3 OR 4 BLADED PROPELLER)	3	A
- 4	44B164-2	SUPPORT ASSY, (GFAE) (USED WITH 4 BLADED PROPELLER)	1	A
- 5	44B164-1	SUPPORT ASSY, (GFAE) (USED WITH 3 OR 4 BLADED PROPELLER)	4	A
- 6	41G5367-2	SHAGER, (NUMBER 60S) (GFAE)	2	A
- 7	AN310-5	NUT, (GFAE)	8	A
- 7A	AN5-10	BOLT, (GFAE)	8	A
- 8	41G5368	ADAPTER ASSY, SHAFT (NUMBER 40) (GFAE) (ALT PN 41G5367-1 OR 41G5369)	2	A
	41G5367-1	ADAPTER ASSY, SHAFT (NUMBER 60) (GFAE)	2	A
	41G5369	ADAPTER ASSY, SHAFT (NUMBER 50) (GFAE)	2	A
- 9	AN3-6A	BOLT, (GFAE)	8	A
- 10	AN3-4A	BOLT	8	A
- 11	X41K1048-12	SUPPORT ASSY, FRONT (GFAE)	1	A
- 12	X41K1048-14	SUPPORT ASSY, REAR (GFAE)	1	A
		A 001 THRU 541 AND 555 THRU 558		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

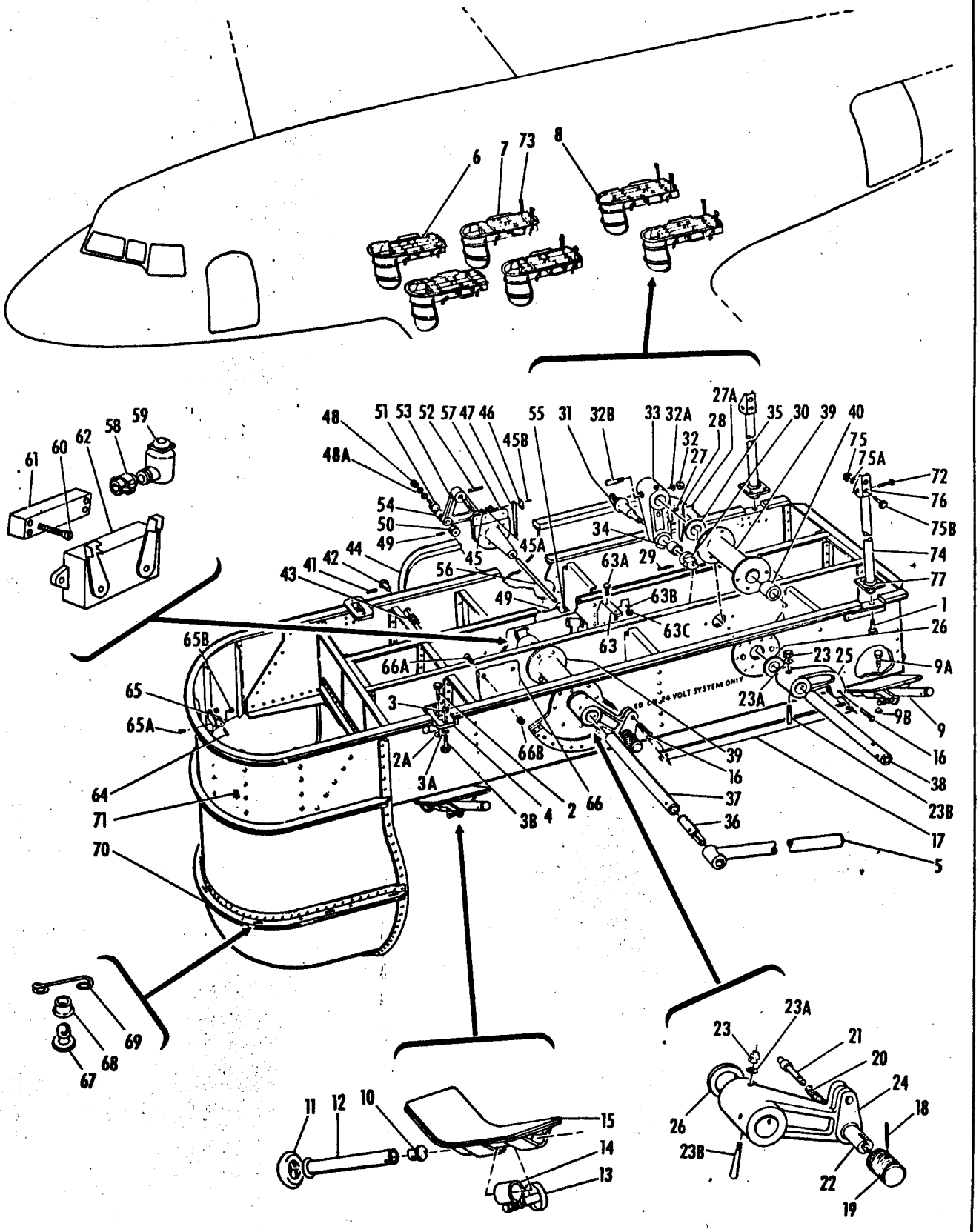

Figure 283. Parachute Pack Rack and Structure

V4-277

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
283		PARACHUTE PACK RACK AND STRUCTURE		
	5141414	RACK INSTL, PARACHUTE PACK	1	AB
- 1	MS20074-04-10	BOLT, (ALT PN AN74-10)	8	AB
	AN960D416	WASHER	8	AB
- 2	AN3-5A	BOLT	8	AB
	AN3-11A	BOLT	8	AB
	AN3-7A	BOLT	16	AB
- 2A	AN960D10	WASHER	32	AB
- 3	MS21044N4	NUT, (ALT PN AN365-428)	16	AB
- 3A	AN960D416	WASHER	16	AB
- 3B	AN4-7A	BOLT	16	AB
- 4	S2139219	BLOCK, PARACHUTE PACK RACK	16	AB
- 5	S2139320	CRANK ASSY, PARACHUTE PACK RACK LOADING	1	AB
- 6	S5141146	RACK ASSY, 24 VOLT PARACHUTE PACK FORWARD	2	AB
- 7	S5141148	RACK ASSY, 24 VOLT PARACHUTE PACK CENTER	2	AB
- 8	S5141147	RACK ASSY, 24 VOLT PARACHUTE PACK AFT	2	AB
- 9	S4139816	CHOCK ASSY, PARACHUTE PACK RACK ADJUSTING	4	AB
		(ATTACHING PARTS)		
- 9A	AN3-4A	BOLT	16	AB
- 9B	AN960D10	WASHER	16	AB
		----------	1	AB
- 10	S2139797	PLUG, PARACHUTE PACK RACK CHOCK	1	AB
- 11	S1202319	END, PARACHUTE PACK RACK ADJUSTING CHOCK	1	AB
- 12	S2139794	CHOCK ASSY, PARACHUTE PACK RACK ADJUSTING	1	AB
- 13	S2139799	KNOB ASSY, PARACHUTE PACK CHECK	1	AB
- 14	S2139821	CLAMP ASSY, PARACHUTE PACK RACK CHOCK	1	AB
- 15	S4139793	BRACKET, PARACHUTE PACK RACK CHOCK	1	AB
- 16	MS20392-5C31	PIN, (ALT PN AN396-31)	2	AB
- 17	S2139309	LINK, PARACHUTE PACK RACK CONNECTING	1	AB
- 18	S146142-187-100	PIN	1	AB
- 19	S2139319	HANDLE, PARACHUTE PACK RACK INDEX PIN	1	AB
- 20	S2139317	SPRING, PARACHUTE PACK RACK INDEX PIN	1	AB
- 21	S2139316	PIN, PARACHUTE PACK RACK INDEX	1	AB
- 22	S2139318	BUSHING, PARACHUTE PACK RACK INDEX PIN	1	AB
- 23	MS21044N4	NUT, (ALT PN AN365-428)	4	AB
- 23A	AN975-4	WASHER	4	AB
- 23B	AN386-3-14A	PIN	4	AB
- 24	S2139310	LEVER, PARACHUTE PACK RACK INDEX	1	AB
- 25	S2139313	LEVER, PARACHUTE PACK RACK REAR	1	AB
- 26	S2139348	COLLAR, PARACHUTE PACK RACK LEVER SHAFT	2	AB
- 27	MS21044N08	NUT, (ALT PN AN365-832)	4	AB
- 27A	MS35206-246	SCREW, (ALT PN AN515-8-10)	4	AB
- 28	S2139314	SPRING, PARACHUTE PACK RACK HOOD	2	AB
- 29	S146142-125-031	PIN	2	AB
- 30	S2139315	COLLAR, PARACHUTE PACK RACK HOOK	2	AB
- 31	S2139325	HOOK, PARACHUTE PACK RACK	2	AB
- 32	MS21044N4	NUT, (ALT PN AN365-428)	4	AB
- 32A	AN975-4	WASHER	4	AB
- 32B	AN386-3-14A	PIN	4	AB
- 33	S2139323	LEVER ASSY, PARACHUTE PACK RACK	2	AB
- 34	S116500-10B24	BUSHING, (SIZE ID TO 0.6245/0.6255 ON INSTL)	1	AB
- 35	S2139348	COLLAR, PARACHUTE PACK RACK LEVER SHAFT	2	AB
- 36	S2139448	END, PARACHUTE PACK RACK LEVER SHAFT	1	AB
- 37	S2139312	SHAFT, PARACHUTE PACK RACK LEVER	1	AB
- 38	S2139321	SHAFT, PARACHUTE PACK RACK REAR	1	AB
- 39	S2139308	SUPPORT ASSY, PARACHUTE PACK RACK SHAFT INNER	2	AB
- 40	S116500-16B28	BUSHING, (SIZE ID TO 0.9995/1.0005 ON INSTL)	2	AB
- 41	99836	PIN, (61864)	4	AB
- 42	98292-1-090	STUD, (61864) (ALT PN 99835-1-090 (61864))	4	AB
- 43	99833C	SPRING, (61864)	4	AB
- 44	S5139487	COVER, PARACHUTE PACK RACK MANUAL RELEASE FORWARD	1	AB
	S5139609	COVER ASSY, PARACHUTE PACK RACK RELEASE CENTER	1	AB
	5139608	COVER ASSY, PARACHUTE PACK RACK RELEASE AFT	1	AB
- 45	MS21044N08	NUT, (ALT PN AN365-832)	2	AB
- 45A	AN960D8	WASHER	2	AB
- 45B	MS35206-246	SCREW, (ALT PN AN515-8-10)	2	AB
- 46	S2139646	PLATE, PARACHUTE PACK MANUAL RELEASE SPRING	1	AB
- 47	S2139462	SPRING, PARACHUTE PACK MANUAL RELEASE	3	AB
- 48	MS21044N4	NUT, (ALT PN AN365-428)	1	AB
- 48A	AN960C416L	WASHER	1	AB
	AN960C416	WASHER	1	AB
- 49	S146142-125-019	PIN	2	AB
	S146142-125-019	PIN, (USED ON S5141147 AND S5141148)	1	AB
- 50	S2139464	COLLAR, PARACHUTE PACK RACK SWIVEL	1	AB
- 51	S2139465	SWIVEL, PARACHUTE MANUAL RELEASE	1	AB
- 52	S146142-125-26	PIN	1	AB

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
	CONTINUED			
283		LEVER ASSY, PARACHUTE PACK RACK MANUAL RELEASE	1	AB
- 53	S2139440	BUSHING, (SIZE ID TO 0.3120/0.3125 ON INSTL)	2	AB
- 54	S116500-5B14	COLLAR, PARACHUTE PACK RACK MANUAL RELEASE SLOTTER	1	AB
- 55	S2139466	SHAFT, PARACHUTE PACK RACK MANUAL RELEASE	1	AB
- 56	S2139467	BRACKET, PARACHUTE PACK RACK MANUAL RELEASE	1	AB
- 57	S2139439	CLAMP, (ALT PN AN3057-8)	1	AB
- 58	MS3057-8	PLUG, (71468)	4	AB
- 59	RWKC3-24-1/2AN	SCREW	1	AB
- 60	AN507-832R8	BOX ASSY, AUXILIARY SWITCH (37942)	1	AB
- 61	AX5D	RELEASE, BOMB RACK (TYPE A-2) (SPEC 24699A) (GFAE)	1	AB
- 62	NO NUMBER	STABILIZER, PARACHUTE PACK RACK SHACKLE		
- 63	S2139322	(ATTACHING PARTS)	2	AB
		BOLT	2	AB
- 63A	AN3-6A	WASHER	2	AB
- 63B	AN960D10	NUT, (ALT PN AN365-1032)		
- 63C	MS21044N3	----*----	1	AB
		PIN, (ALT PN AN394-37)	1	AB
- 64	MS20392-3C37	FITTING, PARACHUTE PACK RACK STATIC CORD		
- 65	S2139324	(ATTACHING PARTS)	3	AB
		SCREW, (ALT PN AN520-10-12)	3	AB
- 65A	MS35207-265	NUT, (ALT PN AN365-1032)		
- 65B	MS21044N3	----*----	1	AB
		HOLDER ASSY, DUST CAP STOWAGE (USED ON S5141148)		
- 66	S2140026	(ATTACHING PARTS)	4	AB
		SCREW, (ALT PN AN526-632-8)	4	AB
- 66A	MS35206-230	NUT, (ALT PN AN365-632)		
- 66B	MS21044N06	----*----	7	AB
		FASTENER, (72794)	7	AB
- 67	AJ5-45	GROMMET, (72794)	7	AB
- 68	GA5-312	SPRING, (72794)	1	AB
- 69	S5-225	NOSE ASSY, PARACHUTE PACK RACK LOWER	1	AB
- 70	S5139456	STRUCTURE ASSY, 24 VOLT PARACHUTE PACK RACK AFT	1	AB
- 71	S5141143	STRUCTURE ASSY, 24 VOLT PARACHUTE PACK RACK FORWARD	1	AB
	S5141144	STRUCTURE ASSY, 24 VOLT PARACHUTE PACK RACK CENTER	1	A
	S5141145	STRUCTURE ASSY, 24 VOLT PARACHUTE PACK RACK	1	B
	5139154	STRUCTURE INSTL, EXTERNAL PARACHUTE PACK RACK FLOOR	8	AB
	5143123	STRUCTURE INSTL, EXTERNAL PARACHUTE PACK RACK	4	AB
- 72	MS20392-3C41	PIN, (ALT PN AN394-41)	4	AB
- 73	2139226-4	TUBE ASSY, PARACHUTE PACK RACK SUPPORT	16	AB
- 74	2139226-2	TUBE ASSY, PARACHUTE PACK RACK SUPPORT	16	AB
- 75	MS21044N3	NUT, (ALT PN AN365-1032)	16	AB
- 75A	AN960D10	WASHER	8	AB
- 75B	AN3-5A	BOLT	8	AB
- 76	S1139244	FITTING, PARACHUTE PACK RACK TUBE ATTACH		
- 77	G91	GROMMET, (75345)		
		A 001 THRU 031, 146 THRU 148, 172 THRU 177, 210 THRU 541 AND 558		
		B 032 THRU 145, 149 THRU 171, 178 THRU 209 AND 555 THRU 557		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

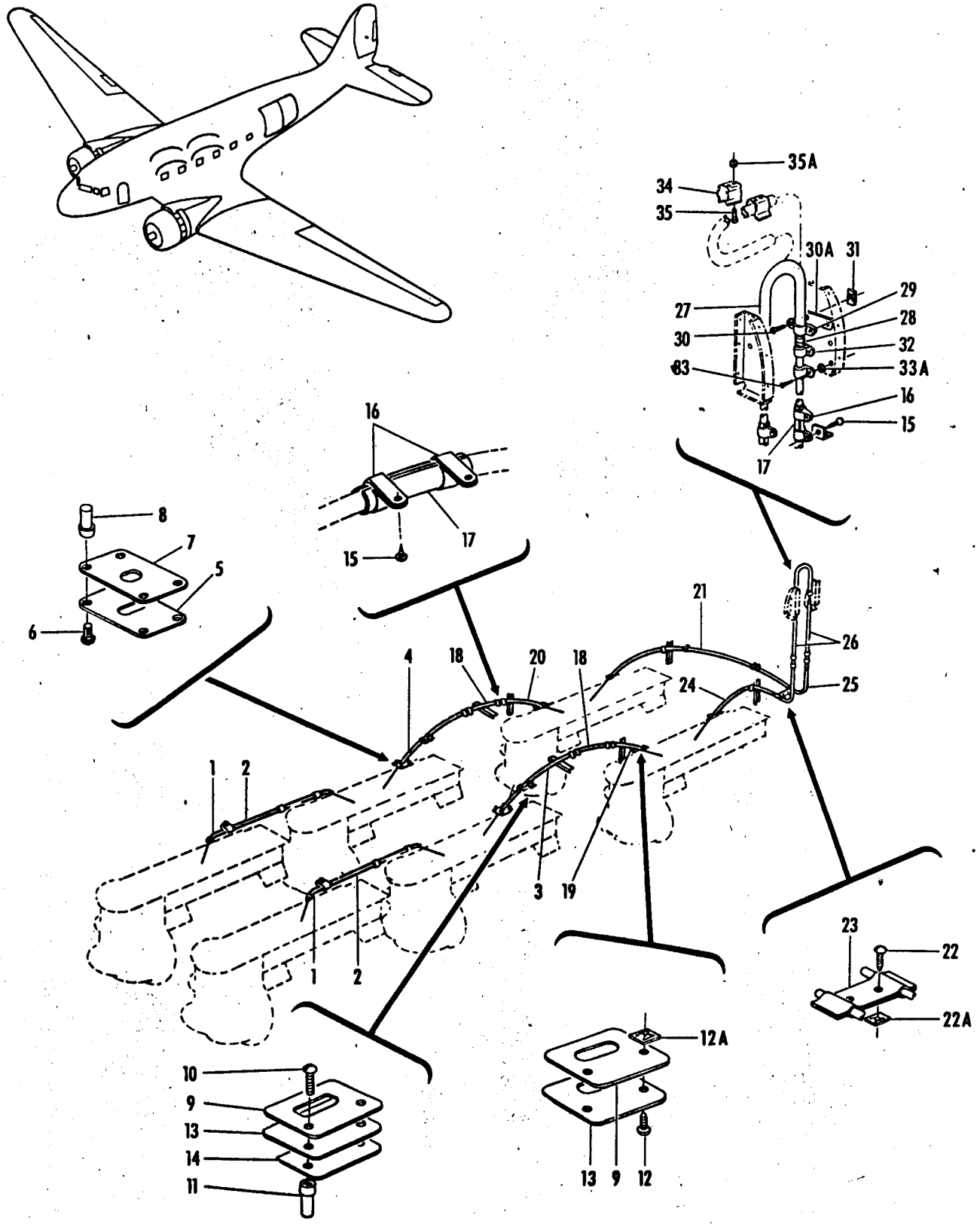

Figure 284. Parachute Pack Rack Manual Release

V4-237

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
284	5139480	RELEASE INSTL, PARACHUTE PACK RACK MANUAL	1	A
- 1	50627	PLUG, BUTTON (61864)	10	A
- 2	5139756-1	TUBE, FORWARD TO CENTER RACK	2	A
- 3	5139756-3	TUBE, CENTER RACK TO SLEEVE LEFT SIDE	1	A
- 4	5139756-9	TUBE, CENTER RACK TO SLEEVE RIGHT SIDE	1	A
- 5	2139862	PLATE, PARACHUTE PACK RACK MANUAL RELEASE SEAL	2	A
		(ATTACHING PARTS)		
- 6	MS35206-246	SCREW, (ALT PN AN526-832-10)	8	A
- 7	2139861	SEAL, PARACHUTE PACK RACK MANUAL RELEASE	2	A
- 8	6480	LOCKSKRU ASSY, (17875)	8	A
		|-|-|-|		
- 9	2139934	PLATE, PARACHUTE PACK RACK MANUAL RELEASE UPPER SEAL	6	A
		(ATTACHING PARTS)		
- 10	MS35206-246	SCREW, (ALT PN AN526-832-10) (USED AT STA 341)	4	A
- 11	6480	LOCKSKRU ASSY, (17875) (USE AT STA 341)	4	A
- 12	MS24621-31	SCREW, (ALT PN AN530-8-10) (USED AT STA 397 AND 418)	8	A
	AN960D8	WASHER, (ALT PN AN960D8)	8	A
- 12A	NAS446-4-1	NUT, (ALT PN 1778M1 (78553))	8	A
- 13	2139936	SEAL, PARACHUTE PACK RACK MANUAL RELEASE UPPER	6	A
- 14	2139935	FILLER, PARACHUTE PACK RACK MANUAL RELEASE SEAL	1	A
		(USED ON LH SIDE STA 341)		
		|-|-|-|		
- 15	MS24621-30	SCREW, (ALT PN AN530-8-8)	14	A
- 16	A3053A7	CLIP, (78553) (ALT PN 3053-7 (78553))	14	A
- 17	2139764	SLEEVE, PARACHUTE PACK RACK MANUAL RELEASE	7	A
- 18	5139756-4	TUBE, SLEEVE TO SLEEVE	2	A
- 19	5139756-5	TUBE, SLEEVE TO AFT RACK LEFT SIDE	1	A
- 20	5139756-10	TUBE, SLEEVE TO AFT RACK RIGHT SIDE	1	A
- 21	5139756-8	TUBE, AFT RACK TO SLEEVE RIGHT SIDE	1	A
- 22	MS24621-30	SCREW, (ALT PN AN530-8-8)	2	A
	AN960D8	WASHER, (ALT PN AN960A8)	2	A
- 22A	1788M1-064	NUT, (78553)	2	A
- 23	2139863	CLAMP, PARACHUTE PACK RACK MANUAL RELEASE TUBE	2	A
- 24	5139756-6	TUBE, AFT RACK TO SLEEVE	1	A
- 25	5139756-7	TUBE, SLEEVE TO SLEEVE	1	A
- 26	5139756-2	TUBE, SLEEVE TO HANDLE	2	A
- 27	2139733	HANDLE, PARACHUTE PACK RACK MANUAL RELEASE	1	A
- 28	2139742	SPRING, PARACHUTE PACK RACK MANUAL RELEASE	2	A
- 29	2139734	CLIP, PARACHUTE PACK RACK MANUAL RELEASE	2	A
		(ATTACHING PARTS)		
- 30	MS24621-30	SCREW, (ALT PN AN530-8-8)	4	A
- 30A	2139766	FILLER, PARACHUTE PACK RACK MANUAL RELEASE	2	A
- 31	NAS446-4-1	NUT, (ALT PN 1778M1 (78553))	4	A
		|-|-|-|		
- 32	A2981A8-8	CLIP, (78553) (ALT PN 2981-8-8 (78553))	2	A
		(ATTACHING PARTS)		
- 33	MS24621-30	SCREW, (ALT PN AN530-8-8)	2	A
- 33A	S124682-2D8-091	WASHER	2	A
		|-|-|-|		
- 34	2140086	CLIP, PARACHUTE PACK RACK MANUAL RELEASE HANDLE	2	A
		(ATTACHING PARTS)		
- 35	MS24621-17	SCREW, (ALT PN AN530-6-6)	4	A
- 35A	6065-6Z	NUT, (78553)	4	A
		|-|-|-|		
		A 001 THRU 541 AND 555 THRU 558		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING		

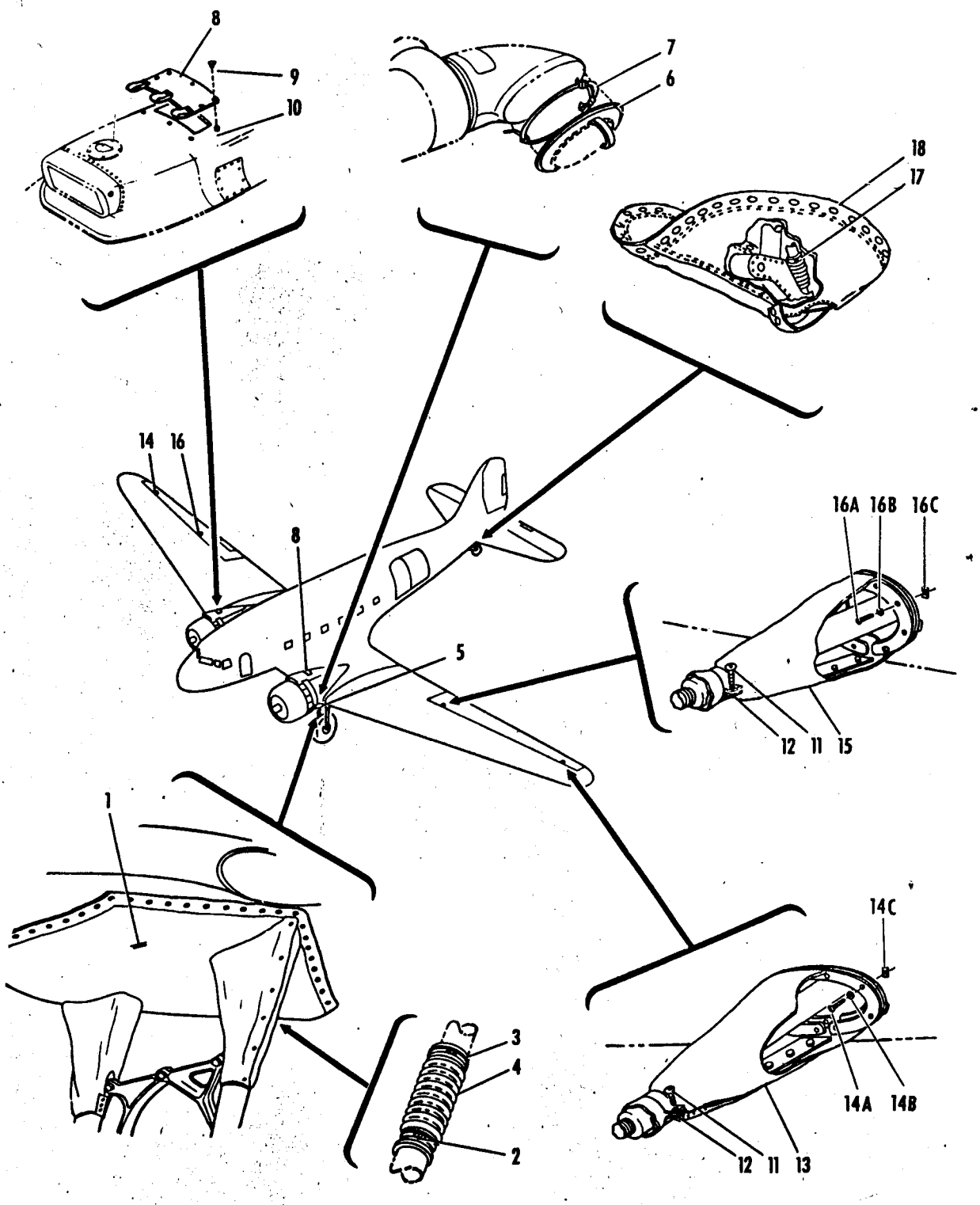

Figure 285. Dust Excluder

V4-255

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION (1 2 3 4 5 6 7)	U/A	USE CODE
285	5142500	EXCLUDER INSTL, DUST	1	AE
	MS21207-6-8	SCREW, (ALT PN S1114189Z6-8)	240	AE
	AN227-8	FASTENER	240	AE
	NAS446-2-1	NUT, (ALT PN A1181-6Z1 (78553))	128	AE
- 1	5142589	EXCLUDER ASSY, NACELLE DUST	2	AE
- 2	NO NUMBER	BUCKLE, WRAPLOCK 1/2 IN. (70095)	8	A,DE
- 3	NO NUMBER	STRAP, WRAPLOCK 1/2 X 24 IN. LONG (70095)	8	A,DE
- 4	5142820	EXCLUDER ASSY, LANDING GEAR SHOCK ABSORBER NEOPRENE DUST	4	A,DE
	MS20392-2C35	PIN, (ALT PN AN393-35)	8	A,DE
	S124682-3D10-063	WASHER	8	A,DE
- 5	5142659	PLUG ASSY, MUFF TYPE EXHAUST STACK	2	AE
- 6	5142659-20	COVER ASSY, MUFF TYPE EXHAUST STACK PLUG	1	AE
- 7	5142659-18	FRAME ASSY, MUFF TYPE EXHAUST STACK PLUG	1	AE
	AN227-10	FASTENER	16	C,E
	MS21083N3	NUT, (ALT PN AN364-1032)	16	C,E
- 8	5203335	COVER ASSY, CARBURETOR AIR FILTER AFT OPENING	2	C,E
- 9	AN227B6	FASTENER	8	C,E
- 10	AN227B7	FASTENER	8	C,E
- 11	MS24621-30	SCREW, (ALT PN AN530-8-8)	4	AE
- 12	A3053A12	CLAMP, (78553)	4	AE
- 13	5142663	EXCLUDER ASSY, OUTBOARD AILERON CONTROL OPENING DUST LH (DRILL ON INSTL)	1	AE
- 14	5142663-1	EXCLUDER ASSY, OUTBOARD AILERON CONTROL OPENING DUST RH (DRILL ON INSTL) (ATTACHING PARTS)	1	AE
- 14A	MS24621-30	SCREW, (ALT PN AN530-8-8)	14	AE
- 14B	AN960D8L	WASHER	14	AE
- 14C	NAS446-4-1	NUT, (ALT PN A1778-8Z1 (78553))	14	AE
- 15	5142532	EXCLUDER ASSY, INBOARD AILERON CONTROL OPENING DUST LH	1	AE
- 16	5142532-1	EXCLUDER ASSY, INBOARD AILERON CONTROL OPENING DUST RH (ATTACHING PARTS)	1	AE
- 16A	MS24621-30	SCREW, (ALT PN AN530-8-8)	16	AE
- 16B	AN960D8L	WASHER	16	AE
- 16C	NAS446-4-1	NUT, (ALT PN A1778-8Z1 (78553))	16	AE
- 17	NO NUMBER	STRAP, WRAPLOCK 1/2 X 22 IN. LONG (70095)	2	AE
	MS21207-6-8	SCREW, (ALT PN S1114189Z6-8)	32	D
	AN227-8	FASTENER	32	D
	NAS446-2-1	NUT, (ALT PN A1181-6Z1 (78553))	32	D
- 18	5142569	EXCLUDER ASSY, TAIL WHEEL WELL DUST	1	D
		A 028 AND 029 B 030 THRU 056, 149 THRU 171 AND 555 THRU 558 C 172 THRU 177 AND 210 THRU 541 D 003 THRU 025 AND 146 THRU 148 E 057 THRU 145 AND 178 THRU 209		

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

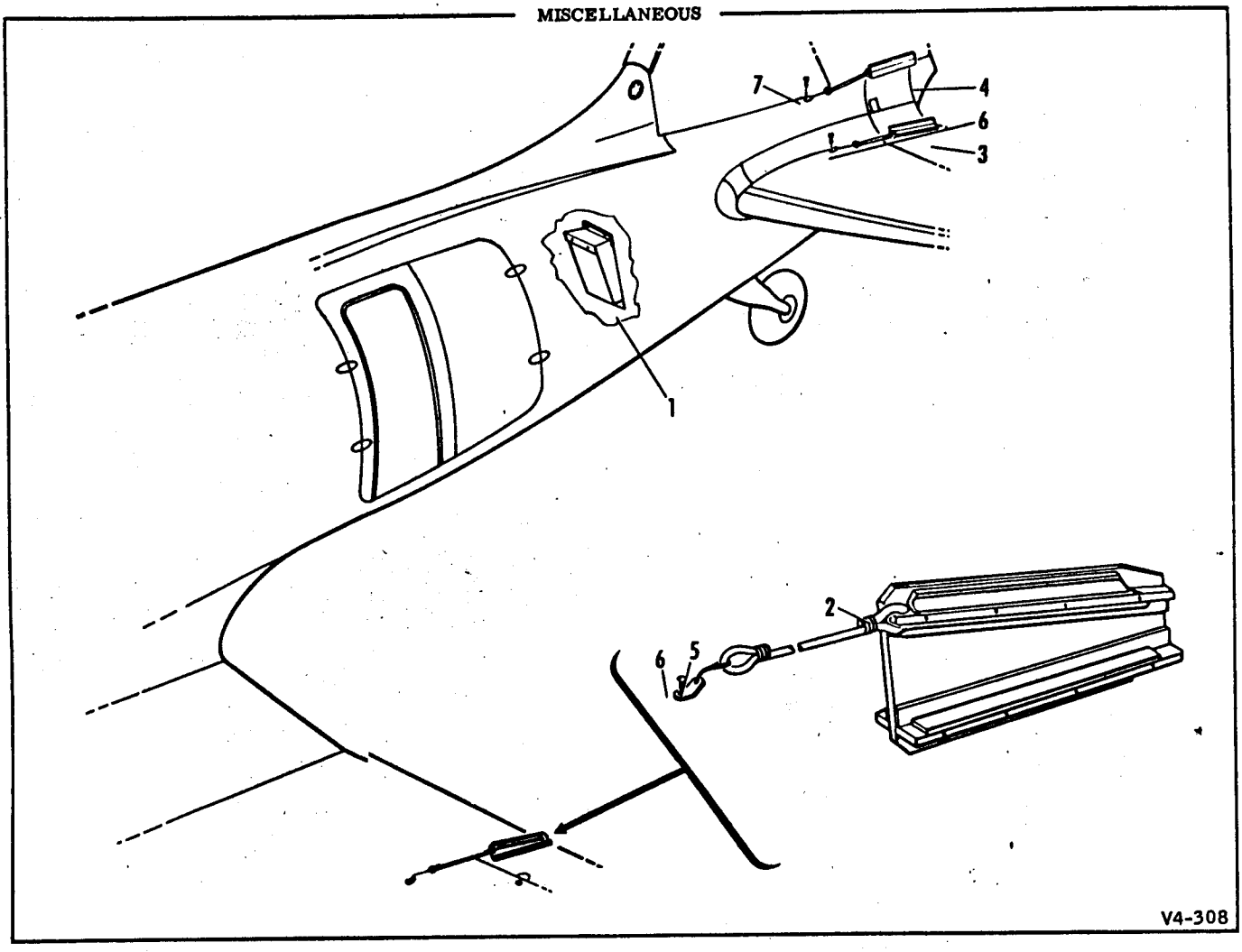

Figure 286. Surface Control Lock

FIGURE & INDEX NO.	PART NUMBER	DESCRIPTION	U/A	USE CODE
286	5130395	LOCK INSTL, SURFACE CONTROL (SEE T.O. 1C-1-27)	1	
- 1	4139625	HOLDER ASSY, CONTROL SURFACE LOCK	1	
- 2	49C1221	LOCK ASSY, AILERON OFF NEUTRAL LH (GFAE)	1	
	49C1227	LOCK ASSY, AILERON OFF NEUTRAL RH (GFAE)	1	
- 3	49C1229L	LOCK ASSY, ELEVATOR LH (GFAE)	1	
	49C1229R	LOCK ASSY, ELEVATOR RH (GFAE)	1	
- 4	49D1213	LOCK ASSY, RUDDER (GFAE)	1	
- 5	1130389	CLIP, CONTROL SURFACE LOCK ATTACH (ATTACHING PARTS)	5	
- 6	MS35207-264	SCREW, (ALT PN AN526-1032-10)	4	
- 7	MS35206-247	SCREW, (ALT PN AN526-832-12)	1	

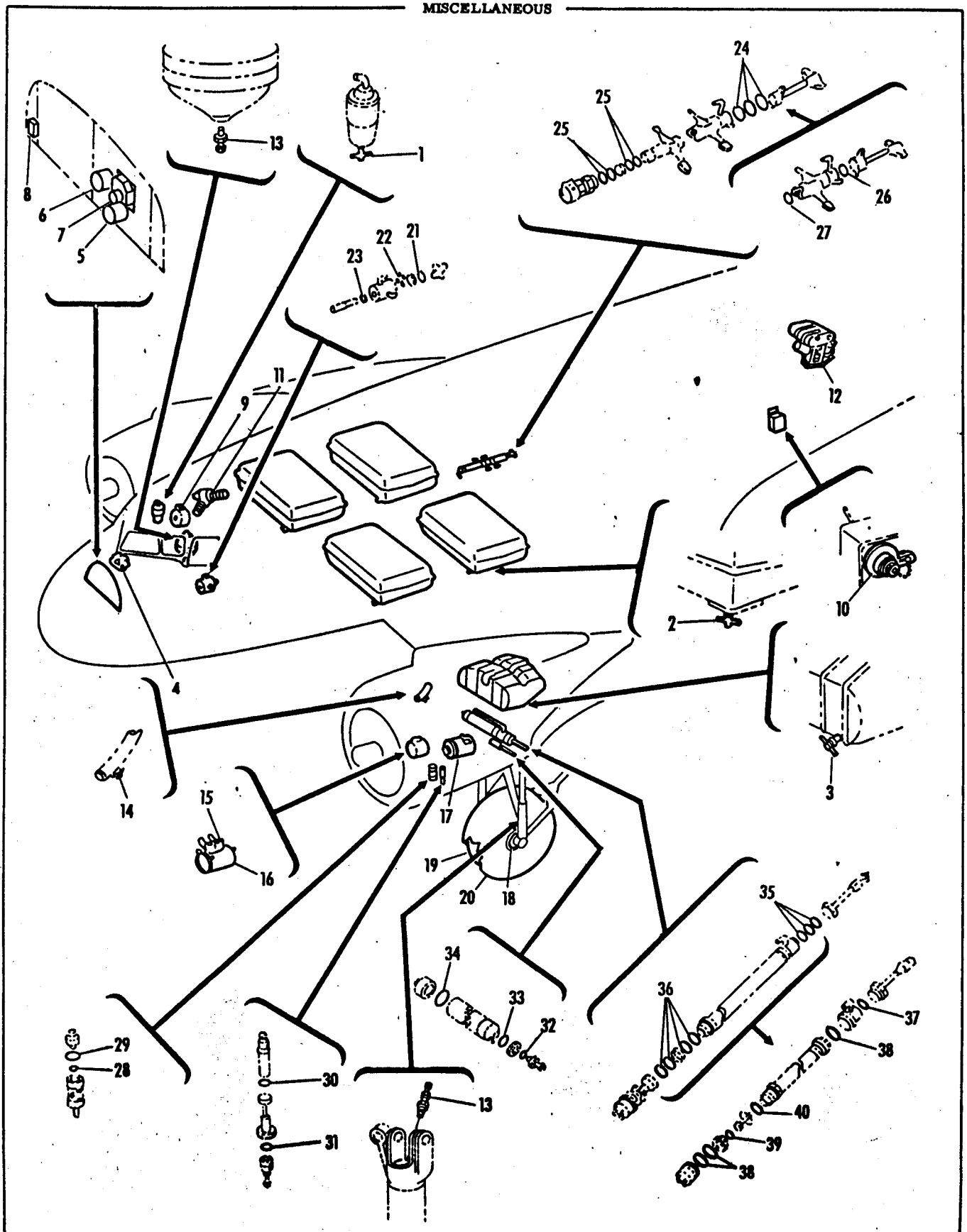

Figure 287. Winterization Equipment

V4-309

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
287		EQUIPMENT INSTL, WINTERIZATION (SEE T.O. 1C-47A-7)	1	AE
- 1	K1700B2	VALVE ASSY, DRAIN (75361) (USED WITH TYPE C-4 STRAINER)	2	AB
	K1700B1	VALVE ASSY, DRAIN (75361) (USED WITH TYPE C-6 STRAINER)	2	CE
- 2	K1700B2	VALVE ASSY, DRAIN (75361)	4	AE
- 3	K1700B2	VALVE ASSY, DRAIN (75361)	2	AE
- 4	D1500-3	MOTOR ASSY, WINDSHIELD WIPER (76197)	1	AE
- 5	NO NUMBER	INDICATOR ASSY, TURN AND BANK (TYPE C-5) (GFAE)	1	AE
- 6	NO NUMBER	INDICATOR ASSY, GYRO HORIZON (TYPE E-1) (GFAE)	1	AE
- 7	NO NUMBER	INDICATOR ASSY, DIRECTIONAL GYRO (TYPE C-5) (GFAE)	1	AE
- 8	NO NUMBER	ADAPTER ASSY, PHASE (TYPE P-1) (GFAE)	1	AE
- 9	2850A1	REGULATOR ASSY, OXYGEN (TYPE A-12) (19315)	5	AC
		(ALT PN 2852A1A (19315))		
	2852A1A	REGULATOR ASSY, OXYGEN (TYPE A-12) (19315)	5	AC
	2857A1A	REGULATOR ASSY, OXYGEN (TYPE AN6004-1) (19315)	5	DE
		(ALT PN 2857B1 (19315))		
	2857B1	REGULATOR ASSY, OXYGEN (TYPE AN6004-1) (19315)	5	DE
- 10	AN6024-5	VALVE ASSY	1	AE
- 11	CM025-4-1/2CC	BLOWER ASSY, (72189)	1	AE
- 12	NO NUMBER	HEATER ASSY, GASOLINE ENGINE DRIVEN (57733)	1	AE
- 13	MS28889-1	VALVE ASSY, (ALT PN AN6287-1)	5	AE
- 14	K1610B	VALVE ASSY, DRAIN (75361)	2	AE
- 15	U3785	VALVE ASSY, COMBINATION SURGE AND THERMOSTATIC (TYPE D-8)	2	AE
		(78943) (USE WITH UD16011DV8UB)		
- 16	UD16011DV8UB	COOLER ASSY, OIL 11 IN. DIAMETER (78943)	2	AE
- 17	AN4116R3C	STARTER ASSY, (ALT PN 1416-42A (19315))	2	AE
	1416-42A	STARTER ASSY, DIRECT CRANKING ENGINE (19315)	2	AE
- 18	AN813-1B	CAP, (ALT PN AN813-1A)	3	AE
- 19	NO NUMBER	TUBE, MAIN LANDING GEAR TIRE (GFAE)	2	AE
- 20	NO NUMBER	TIRE, MAIN LANDING GEAR (GFAE)	2	AE
- 21	AN6227B27	PACKING, (USED ON 4209830, 4118979 OR 4209829)	1	AE
- 22	AN6227B7	PACKING, (USED ON 4209830, 4118979 OR 4209829)	4	AE
- 23	AN6227B13	PACKING, (USED ON 4209830, 4118979 OR 4209829)	1	AE
- 24	408629B12-024	PACKING, HYDRAULIC CHEVRON (GFAE) (USED ON 5117384)	3	AC
- 25	408629B12-110	PACKING, HYDRAULIC CHEVRON (GFAE) (USED ON 5117384)	4	AC
- 26	AN6227B15	PACKING, (USED ON 5209970)	2	DE
- 27	AN6227B29	PACKING, (USED ON 5209970)	1	DE
- 28	AN6227B12	PACKING, (USED ON 2001)	3	AE
- 29	AN6227B23	PACKING, (USED ON 2001)	3	AE
- 30	AN6227B11	PACKING, (USED ON GC75-7)	1	AE
- 31	AN6227B17	PACKING, (USED ON GC75-7)	1	AE
	AN6227B8	PACKING, (USED WITH B10666-6)	1	AE
- 32	AN6227B16	PACKING, (USED ON 4189700 OR 22087)	1	BE
- 33	AN6227B18	PACKING, (USED ON 4189700 OR 22087)	1	BE
- 34	AN6227B31	PACKING, (USED ON 4189700 OR 22087)	1	BE
- 35	408629B12-116	PACKING, HYDRAULIC CHEVRON V RING (GFAE) (USED ON 5110586)	3	AD
- 36	408629B12-126	PACKING, HYDRAULIC CHEVRON V RING (GFAE) (USED ON 5110586)	4	AD
- 37	AN6227B27	PACKING, (USED ON 5209850)	1	E
- 38	AN6227B37	PACKING, (USED ON 5209850)	2	E
- 39	AN6227B22	PACKING, (USED ON 5209850)	1	E
- 40	AN6227B33	PACKING, (USED ON 5209850)	1	E
	NO NUMBER	PLANT ASSY, AIRCRAFT ACCESSORY POWER (TYPE D-2) (MODEL V-32)	1	AE
		(SPEC 32299A) (AERNO 40-6050) (GFAE) (FOR DETAIL BREAKDOWN		
		SEE T.O. 2RA7-2-13)		
	NO NUMBER	COVER, WING AND EMPENNAGE PROTECTIVE NONWATERPROOF	5	AE
	NO NUMBER	COVER, WING AND EMPENNAGE PROTECTIVE WATERPROOF	5	AE
	NO NUMBER	COVER, ENGINE PROTECTIVE	2	AE

A 003 THRU 074, 146 THRU 148, 178 AND 555 THRU 558
B 075 THRU 092
C 093 THRU 145, 149 THRU 171 AND 179 THRU 209
D 172, 174, 175, 210 THRU 403 AND 528 THRU 536
E 173, 176, 177, 404 THRU 527 AND 537 THRU 541

SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING

NOTE

Coolers, part No. AIR 4125-11-1 or part No. AIR 4125-11 requires valve part No. 17589-160 or part No. 18900-160 only. Coolers, part No. U16011, 2J6698 or 16498 requires valve part No. U3785 only.

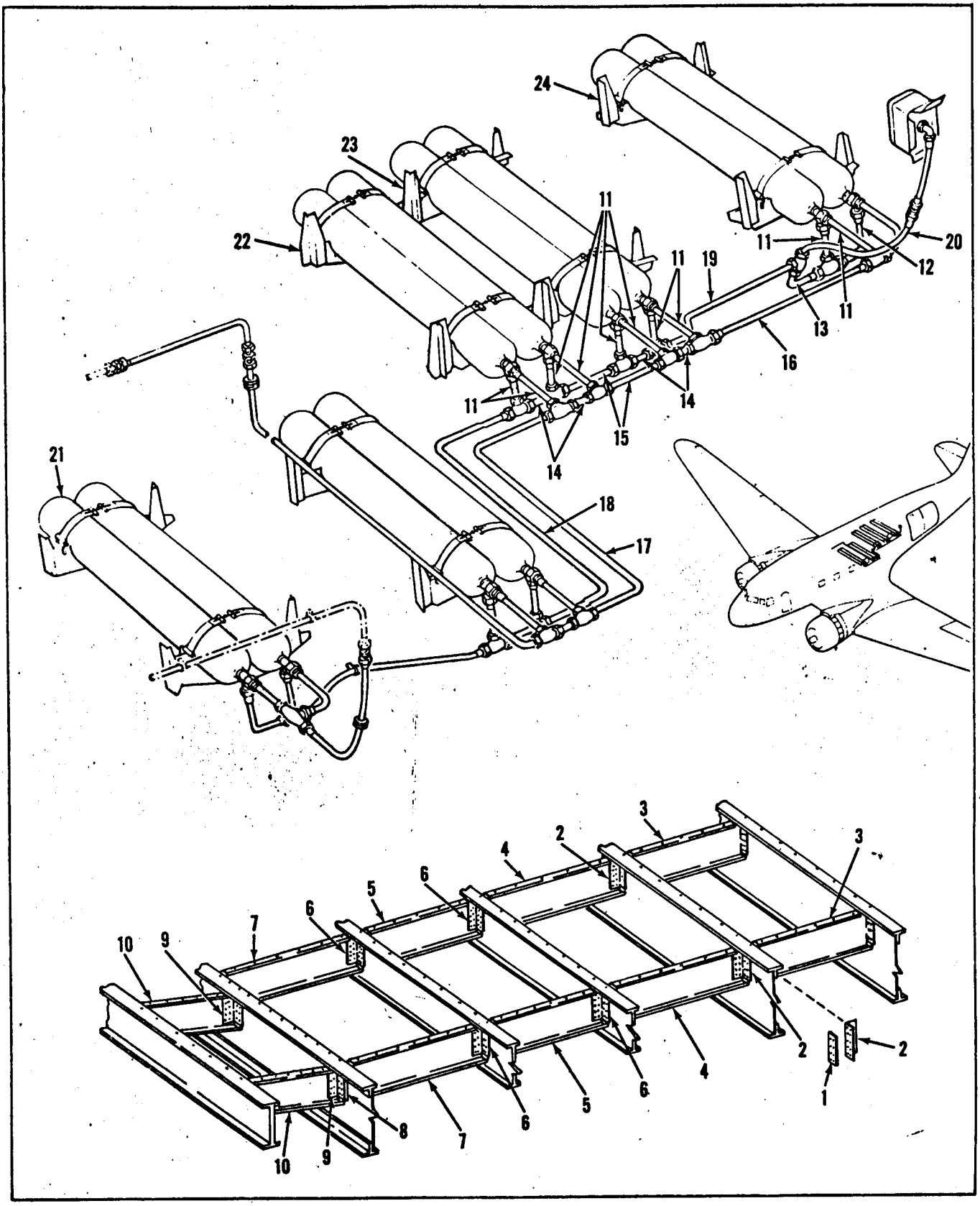

Figure 288. Intercostal Installation and Oxygen Bottle Relocation (.50 Caliber Gun Installation)

FIG. & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
288	68EG1008	INTERCOSTAL INSTALLATION (T. O. 1C-47(A)-505)	NP	
-1	68EG1313	. SHIM	2	
-2	68EG1311	. ANGLE, Clip	4	
		(ATTACHING PARTS)		
	MS20470AD5-7	. RIVET	20	
		---*---		
-3	68EG1309-3	. INTERCOSTAL	2	
		(ATTACHING PARTS)		
	MS20470A5-5	. RIVET	14	
	MS20470AD5-8	. RIVET	1	
		---*---		
-4	68EG1309-5	. INTERCOSTAL	2	
-5	68EG1309-3	. INTERCOSTAL	2	
-6	68EG1311	. ANGLE, Clip	4	
		(ATTACHING PARTS)		
	MS20470A5-5	. RIVET	10	
	MS20470AD5-7	. RIVET	10	
		---*---		
-7	68EG1309-5	. INTERCOSTAL	2	
-8	68EG1312	. SHIM	2	
-9	68EG1311	. ANGLE, Clip	2	
		(ATTACHING PARTS)		
	MS20470A5-5	. RIVET	10	
	MS20470AD5-8	. RIVET	10	
		---*---		
-10	68EG1310	. INTERCOSTAL	2	
		(ATTACHING PARTS)		
	MS20470A5-5	. RIVET	10	
	MS20470AD5-9	. RIVET	10	
		---*---		
	68EG1009	OXYGEN BOTTLE RELOCATION INSTALLATION	NP	
		(See T. O. 1C-47(A)-505)		
-11	68EG1283-1	. LINE ASSEMBLY	10	
-12	68EG1283-2	. LINE ASSEMBLY	2	
-13	68EG1283-3	. LINE ASSEMBLY	1	
-14	68EG1283-4	. LINE ASSEMBLY	4	
-15	68EG1283-5	. LINE ASSEMBLY	2	
-16	68EG1283-6	. LINE ASSEMBLY	1	
-17	68EG1283-7	. LINE ASSEMBLY	1	
-18	68EG1283-8	. LINE ASSEMBLY	1	
-19	68EG1283-9	. LINE ASSEMBLY	1	
-20	68EG1283-10	. LINE ASSEMBLY	1	
-21	5142809	SYSTEM INSTALLATION, Oxygen	REF	
-22	4142831	. CRADLE ASSEMBLY	REF	
		(ATTACHING PARTS)		
	MS20470AD4-5	. RIVET	20	
		---*---		
-23	4142832	. CRADLE ASSEMBLY	REF	
		(ATTACHING PARTS)		
	MS20470AD4-5	. RIVET	10	
	MS20470AD4-6	. RIVET	10	
		---*---		
-24	4142832	. CRADLE ASSEMBLY	REF	
		(ATTACHING PARTS)		
	MS20470AD4-5	. RIVET	20	
		---*---		

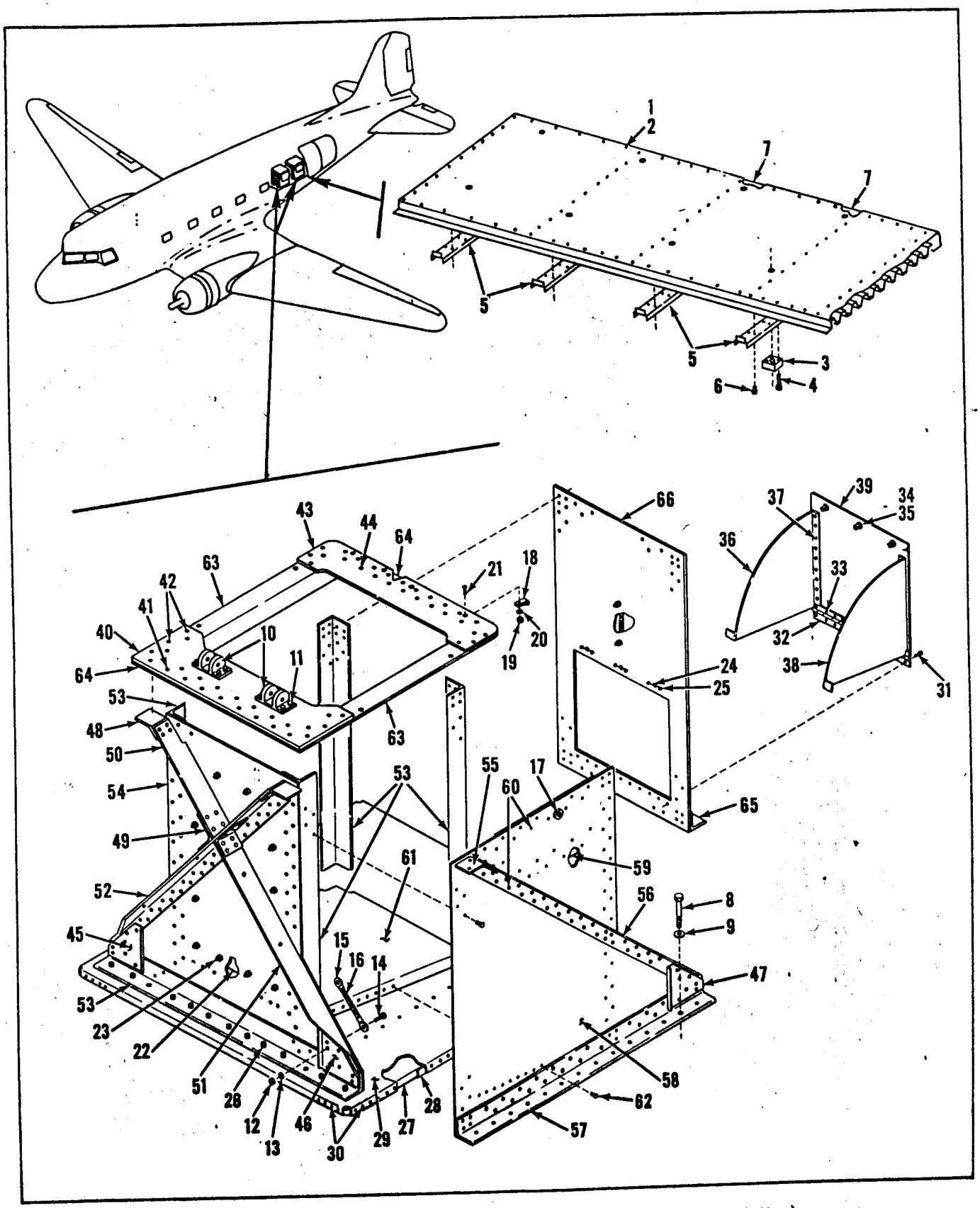

Figure 289. Mount Installation (.50 Caliber Machine Gun Installation)

FIG. & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
289	68EG1006	MOUNT INSTALLATION (See T. O. 1C-47(A)-505). . .	NP	
	68EG1159	. FLOOR ASSEMBLY	1	
		(ATTACHING PARTS)		
-1	MS24694-53	. SCREW	95	
-2	MS21048L3K	. PLATE, Nut	64	
	AN426AD3-4	. RIVET	128	
		---*---		
-3	68EG1277	. . BLOCK	8	
		(ATTACHING PARTS)		
	AN363-1032	. . NUT	4	
	AN960-10	. . WASHER.	4	
-4	AN3-11	. . BOLT.	4	
		---*---		
-5	68EG1314	. . CHANNEL	4	
		(ATTACHING PARTS)		
-6	CR163-5-6	. . RIVET (11815).	16	
		---*---		
-7	68EG1317	. . BLOCK	4	
	68EG1150	. GUN MOUNT ASSEMBLY	2	
		(ATTACHING PARTS)		
-8	AN8-31	. BOLT.	8	
-9	AN960-816	. WASHER.	8	
		---*---		
-10	68EG1271-3	. . FITTING.	2	
		(ATTACHING PARTS)		
	MS21042-4	. . NUT	4	
	AN960-416	. . WASHER	4	
-11	AN4-7	. . BOLT.	4	
		---*---		
	68EG1160	. . BUNGEE ASSEMBLY	3	
		(ATTACHING PARTS)		
-12	MS21042-3	. . NUT	2	
-13	AN960-10	. . WASHER.	2	
-14	AN3-4	. . BOLT.	2	
		---*---		
-15	MS20659-130	. . . TERMINAL.	2	
-16	68EG1160-1	. . . CORD, Elastic.	1	
-17	68EG1273	. . BUSHING	2	
-18	MS21104D3	. . CLAMP, Cable	15	
		(ATTACHING PARTS)		
-19	MS21042-3	. . NUT	1	
-20	AN960-10	. . WASHER	1	
-21	MS35207-265	. . SCREW	1	
		---*---		
-22	68EG1269	. . SHIELD	1	
		(ATTACHING PARTS)		
-23	MS21042-3	. . NUT	14	
	AN960-10	. . WASHER.	14	
	AN3-4	. . BOLT.	14	
		---*---		
-24	S5A-200	. . SPRING (72794)	3	
		(ATTACHING PARTS)		
-25	MS20426AD4-5	. . RIVET	2	
		---*---		
	68EG1101	. . PALLET ASSEMBLY	1	
		(ATTACHING PARTS)		
-26	MS21042-4	. . NUT	48	
	AN960-416	. . WASHER.	48	
	MS24694-111	. . SCREW	48	
		---*---		

FIG. & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
289-27	68EG1274	CORE.	1	
-28	68EG1275-1	SKIN	1	
-29	68EG1275-3	SKIN	1	
		(ATTACHING PARTS)		
-30	AN530-6-8	SCREW (45722)	120	
		---*---		
	68EG1151	DOOR ASSEMBLY	1	
		(ATTACHING PARTS)		
-31	MS20470AD4-6	RIVET	11	
		---*---		
-32	MS20257-5-1075	HINGE	1	
		(ATTACHING PARTS)		
-33	MS20470AD4-6	RIVET	11	
		---*---		
-34	AW5-40	STUD (72794)	3	
-35	GA5-312	GROMMET (72794)	3	
-36	68EG1270-2	PLATE	1	
		(ATTACHING PARTS)		
-37	MS20470AD4-6	RIVET	9	
		---*---		
-38	68EG1270-1	PLATE	1	
		(ATTACHING PARTS)		
	MS20470AD4-6	RIVET	9	
		---*---		
-39	68EG1151-1	DOOR.	1	
-40	68EG1260	PLATE	1	
		(ATTACHING PARTS)		
	MS21042-4	NUT	27	
	AN960-416	WASHER.	27	
-41	MS24694-102	SCREW	23	
-42	MS24694-104	SCREW	4	
		---*---		
-43	68EG1259	PLATE	1	
		(ATTACHING PARTS)		
-44	MS20426AD6-10	RIVET	27	
		---*---		
-45	68EG1257-4	GUSSET.	1	
-46	68EG1257-3	GUSSET	1	
	68EG1257-2	GUSSET	1	
-47	68EG1257-1	GUSSET	1	
-48	68EG1272-1	CLIP	2	
-49	68EG1272-3	CLIP	2	
-50	68EG1266	ANGLE	1	
-51	68EG1265	ANGLE	1	
-52	68EG1264	ANGLE	1	
-53	68EG1253-1	ANGLE	5	
-54	68EG1251	FRONT	1	
-55	68EG1263	CLIP	2	
-56	68EG1255-1	ANGLE R. H.	1	
	68EG1255-2	ANGLE L. H.	1	
-57	68EG1253-3	ANGLE	2	
-58	68EG1250	SIDE	2	
-59	68EG1258	DOUBLER	2	
		(ATTACHING PARTS)		
-60	MS20470AD6-15	RIVET	14	
		---*---		
-61	68EG1267	FLOOR	1	
		(ATTACHING PARTS)		
-62	MS20470AD6-7	RIVET	18	
		---*---		

FIG. & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
289-63	68EG1254-3	. . ANGLE	2	
-64	68EG1254-1	. . ANGLE	2	
-65	68EG1253-5	. . ANGLE	1	
-66	68EG1156	. . BACK	1	

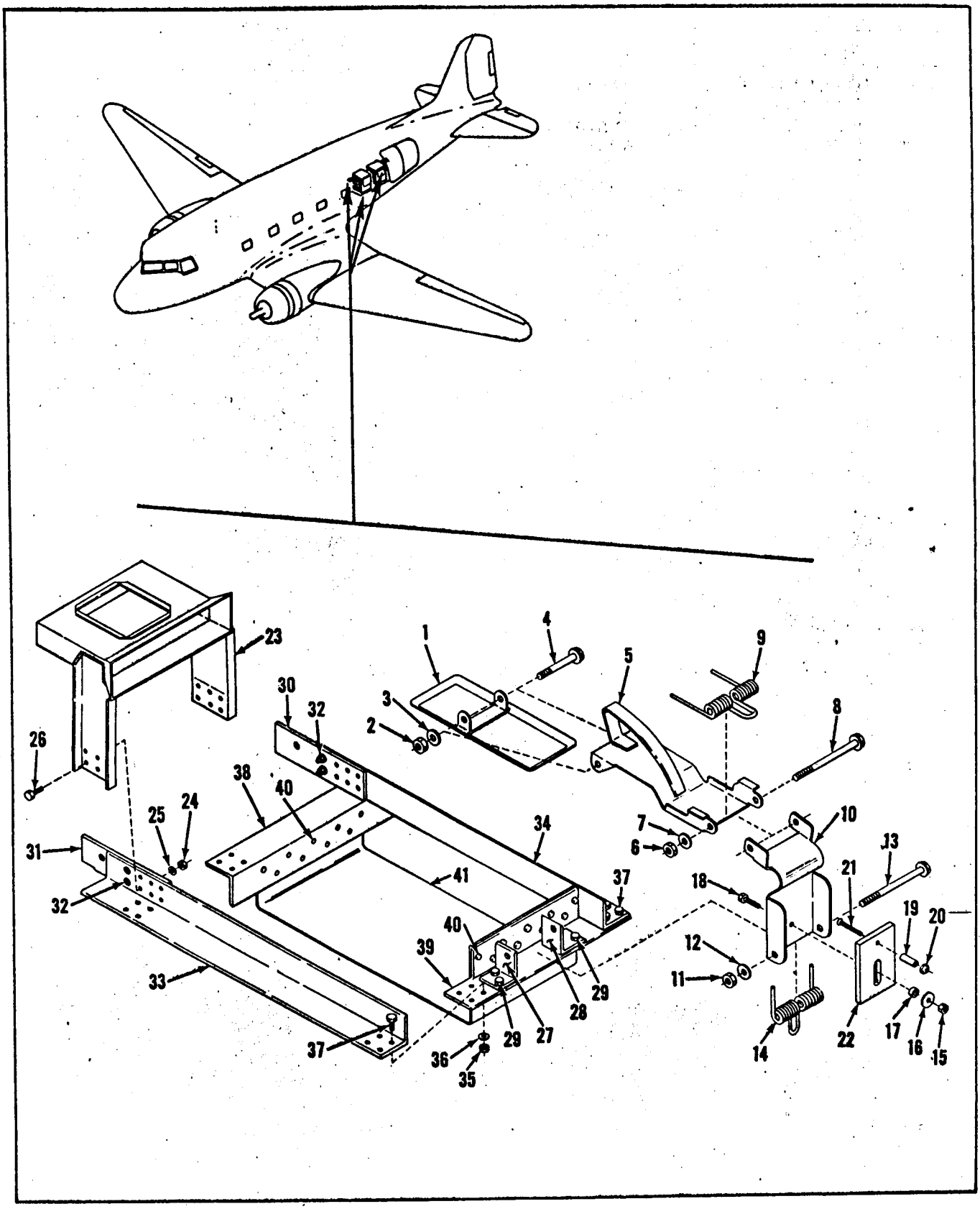

Figure 290. Rack Assembly (.50 Caliber Machine Gun Installation)

FIG. & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
290	68EG1111-1	. RACK ASSEMBLY (Left Hand) (See T.O. 1C-47(A)-505)	2	
	68EG1111-2	. RACK ASSEMBLY (Right Hand) (See T.O. 1C-47(A)-505)	1	
-1	68EG1299	. . SHOE ASSEMBLY. (ATTACHING PARTS)	3	
-2	MS21042-5	. . NUT	3	
-3	AN960-516	. . WASHER	6	
-4	AN5-26	. . BOLT	3	
		---*---		
-5	68EG1298	. . BRACKET ASSEMBLY (ATTACHING PARTS)	1	
-6	MS21042-5	. . NUT	1	
-7	AN960-516	. . WASHER	1	
-8	AN5-32	. . BOLT	1	
		---*---		
-9	68EG1296-3	. . SPRING	1	
-10	68EG1297	. . CLAMP	1	
		(ATTACHING PARTS)		
-11	MS21042-5	. . NUT	1	
-12	AN960-516	. . WASHER	1	
-13	AN5-32	. . BOLT	1	
		---*---		
-14	68EG1296-1	. . SPRING	1	
	68EG1294	. . STOP ASSEMBLY (ATTACHING PARTS)	1	
-15	MS21042-3	. . NUT	1	
-16	AN960-10	. . WASHER.	1	
-17	NAS43DD3-17	. . SPACER	1	
-18	AN3-5	. . BOLT	1	
		---*---		
-19	NAS43DD3-40	. . . SPACER. (ATTACHING PARTS)	1	
-20	MS21044D3	. . . NUT	1	
-21	MS24694A17	. . . SCREW	1	
		---*---		
-22	68EG1294-1	. . . STOP.	1	
-23	68EG1222	. . CHUTE ASSEMBLY (ATTACHING PARTS)	1	
-24	MS21042-3	. . NUT	12	
-25	AN960-10	. . WASHER.	12	
-26	AN3-5	. . BOLT	12	
		---*---		
-27	68EG1111-4	. . ANGLE, Clip (Left Hand).	1	
-28	68EG1111-6	. . ANGLE, Clip (Right Hand) (ATTACHING PARTS)	1	
	MS21042-3	. . NUT	2	
	AN960-10	. . WASHER.	2	
-29	AN3-4	. . BOLT.	2	
		---*---		
	68EG1111-3	. . ANGLE, Clip (Left Hand).	1	
	68EG1111-5	. . ANGLE, Clip (Right Hand) (ATTACHING PARTS)	1	
	MS21042-3	. . NUT	2	
	AN960-10	. . WASHER	2	
	AN3-4	. . BOLT	2	
		---*---		
-30	68EG1111-8	. . PLATE	1	
-31	68EG1111-7	. . PLATE (ATTACHING PARTS)	1	
-32	MS21042-3	. . NUT	2	

FIG. & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		WASHER	2	
290-	AN960-10	WASHER	2	
	MS24694-55	SCREW		
		---*---		
		ANGLE	1	
-33	68EG1285	ANGLE	1	
-34	68EG1284	(ATTACHING PARTS)		
		NUT	8	
-35	MS21042-3	WASHER	8	
-36	AN960-10	BOLT	8	
-37	AN3-4	---*---		
		ANGLE	1	
-38	68EG1287-3	ANGLE	1	
-39	68EG1287-1	(ATTACHING PARTS)		
		RIVET	9	
-40	MS20426AD4-7	---*---		
		PAN	1	
-41	68EG1300			

FIG. & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
291	68EG1001	PLATFORM INSTALLATION (See T. O. 1C-47(A)-505)	NP	
	68EG1123-100	. PLATFORM ASSEMBLY(Forward Instl)	1	
	68EG1123-200	. PLATFORM ASSEMBLY (Aft Instl)	1	
		(ATTACHING PARTS)		
-1	AN364-516	. NUT	4	
-2	AN960-516	. WASHER	4	
-3	MS2000265	. WASHER	4	
-4	MS20005-26	. BOLT.	4	
-5	MS20007-18	. BOLT.	4	
-6	MS20002C7	. WASHER	4	
		---*---		
-7	68EG1107	. . HOLDER ASSEMBLY, Back (Forward Instl)	2	
	68EG1107	. . HOLDER ASSEMBLY, Back (Aft Instl)	1	
		(ATTACHING PARTS)		
-8	MS21044N3	. . NUT	4	
-9	AN960-10	. . WASHER.	4	
-10	AN3-10	. . BOLT.	4	
		---*---		
	68EG1219-1	. . . BUSHING	2	
	68EG1107-1	. . . MOUNT	1	
-11	68EG1290-7	. . ANGLE (Forward Instl)	2	
	68EG1290-7	. . ANGLE (Aft Instl)	1	
		(ATTACHING PARTS)		
-12	MS21044N3	. . NUT	3	
-13	AN960-10	. . WASHER.	3	
-14	MS24694-54	. . SCREW	3	
		---*---		
-15	68EG1290-5	. . ANGLE (Forward Instl)	2	
	68EG1290-5	. . ANGLE (Aft Instl)	1	
		(ATTACHING PARTS)		
-16	MS21044N3	. . NUT	2	
-17	AN960-10	. . WASHER	2	
-18	MS24694-54	. . SCREW	2	
		---*---		
-19	68EG1290-3	. . ANGLE (Forward and Aft Instl)	2	
		(ATTACHING PARTS)		
	MS21044N3	. . NUT	2	
	AN960-10	. . WASHER	2	
	AN3-7	. . BOLT.	2	
		---*---		
-20	68EG1290-1	. . ANGLE (Forward Instl)	1	
		(ATTACHING PARTS)		
	MS21044N3	. . NUT	2	
	AN960-10	. . WASHER	2	
	AN3-10	. . BOLT	2	
		---*---		
-21	68EG1106	. . HOLDER ASSEMBLY, Front (Forward Instl)	2	
		(ATTACHING PARTS)		
-22	MS21044N3	. . NUT	4	
-23	AN960-10	. . WASHER	4	
-24	AN3-13	. . BOLT.	4	
		---*---		
	68EG1219-3	. . . BUSHING	2	
	68EG1106-1	. . . MOUNT	1	
	68EG1106	. . HOLDER ASSEMBLY, Front (Aft Instl)	1	
		(ATTACHING PARTS)		
	MS21044N3	. . NUT	4	
	AN960-10	. . WASHER	4	
	AN3-13	. . BOLT	4	
		---*---		
	68EG1219-3	. . . BUSHING	2	

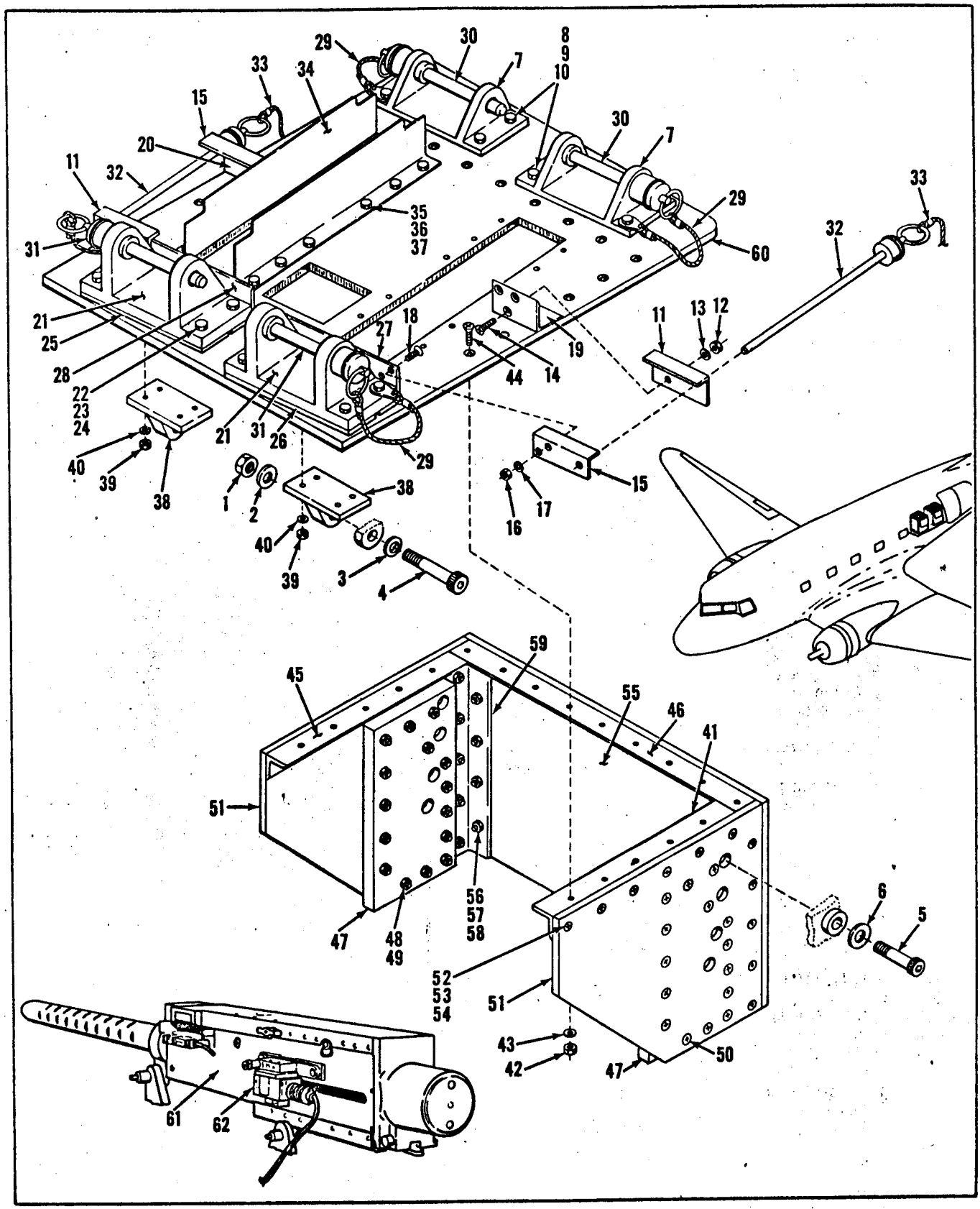

Figure 291. Platform Installation (.50 Caliber Machine Gun Installation)

FIG. & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
291-	68EG1106-1	. . . MOUNT	1	
-25	68EG1320-1	. . SHIM (Forward Instl)	1	
-26	68EG1320-3	. . SHIM (Forward and Aft Instl)	2	
-27	68EG1288-1	. . ANGLE (Forward and Aft Instl)	2	
-28	68EG1288-3	. . ANGLE (Forward Instl)	1	
-29	LT1504-C6-10	. . LANYARD ASSEMBLY (84256) (Forward Instl).	4	
	LT1504-C6-10	. . LANYARD ASSEMBLY (84256) (Aft Instl)	2	
-30	BLS7R37N	. . PIN (84256) (Forward Instl)	2	
	BLS7R37N	. . PIN (84256) (Aft Instl).	1	
-31	BLS9R37N	. . PIN (84256) (Forward Instl)	2	
	BLS9R37N	. . PIN (84256) (Aft Instl)	1	
-32	BLS5R05NC66	. . PIN (84256) (Forward Instl)	2	
	BLS5R05NC66	. . PIN (84256) (Aft Instl)	1	
-33	LT1504-C6-14	. . LANYARD ASSEMBLY (84256) (Forward Instl)	2	
	LT1504-C6-14	. . LANYARD ASSEMBLY (84256) (Aft Instl)	1	
-34	68EG1280	. . BAFFLE (Forward Instl)	4	
	68EG1280	. . BAFFLE (Aft Instl)	2	
		(ATTACHING PARTS)		
-35	MS21044N3	. . NUT	6	
-36	AN960-10	. . WASHER.	6	
-37	AN3-6	. . BOLT.	6	
		---*---		
-38	68EG1271-1	. . FITTING (Forward and Aft Instl)	4	
		(ATTACHING PARTS)		
-39	MS21044N3	. . NUT	4	
-40	AN960-10	. . WASHER.	4	
	MS24694-58	. . SCREW	4	
		---*---		
-41	68EG1256-1	. . ANGLE (Forward and Aft Instl).	2	
		(ATTACHING PARTS)		
-42	MS21044N3	. . NUT	5	
-43	AN960-10	. . WASHER.	5	
-44	MS24694-56	. . SCREW	5	
		---*---		
-45	68EG1256-1	. . ANGLE (Forward and Aft Instl).	2	
		(ATTACHING PARTS)		
	MS21044N3	. . NUT	4	
	AN960-10	. . WASHER.	4	
	MS24694-56	. . SCREW	4	
		---*---		
-46	68EG1256-5	. . ANGLE (Forward and Aft Instl)	2	
		(ATTACHING PARTS)		
	MS21044N3	. . NUT	9	
	AN960-10	. . WASHER	9	
	MS24694-56	. . SCREW	9	
		---*---		
-47	68EG1319	. . BLOCK (Forward and Aft Instl).	4	
		(ATTACHING PARTS)		
-48	MS21044N4	. . NUT	15	
-49	AN960-10	. . WASHER	15	
-50	MS24694-108	. . SCREW	15	
		---*---		
-51	68EG1261	. . SEGMENT (Forward and Aft Instl).	4	
		(ATTACHING PARTS)		
-52	MS21044N3	. . NUT	11	
-53	AN960-10	. . WASHER	11	
-54	MS24694-56	. . SCREW	11	
		---*---		
-55	68EG1262	. . BULKHEAD (Forward and Aft Instl)	2	

FIG. & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
291-		(ATTACHING PARTS)		
-56	MS21044N3	. . NUT	18	
-57	AN960-10	. . WASHER	18	
-58	MS24694-56	. . SCREW	18	
		---*---		
-59	68EG1256-3	. . ANGLE (Forward and Aft Instl)	4	
-60	68EG1268	. . PLATFORM	2	
-61	7265650	. GUN, Machine, .50 cal., model AN-M3	3	
-62	890470	. SOLENOID	3	

FIG. & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
292-	67E45417-01	DOUBLER INSTALLATION (See T.O. 1C-47(A)-505). .	NP	
-1	67C45412	. DOUBLER	1	
		(ATTACHING PARTS)		
	MS20470AD5-6	. RIVET	255	
	MS20470AD4-5	. RIVET	34	
		---*---		
-2	67B45393	. CHANNEL	1	
		(ATTACHING PARTS)		
	MS20470AD5-6	. RIVET	11	
		---*---		
-3	67B45398	. CHANNEL	1	
		(ATTACHING PARTS)		
	MS20470AD5-6	. RIVET	14	
		---*---		
-4	67B45403	. CHANNEL	1	
		(ATTACHING PARTS)		
	MS20470AD5-7	. RIVET	27	
		---*---		
-5	67B45404	. CHANNEL	1	
		(ATTACHING PARTS)		
	MS20470AD5-7	. RIVET	24	
		---*---		
-6	67C45410	. CHANNEL	1	
		(ATTACHING PARTS)		
	MS20470AD4-7	. RIVET	12	
		---*---		
-7	67C45415	. CHANNEL	1	
		(ATTACHING PARTS)		
	MS20470AD5-6	. RIVET	12	
		---*---		
-8	67C45390	. CHANNEL	1	
		(ATTACHING PARTS)		
	MS20470AD5-6	. RIVET	13	
		---*---		
-9	67C45392	. CHANNEL	2	
		(ATTACHING PARTS)		
	MS20407AD5-6	. RIVET	10	
		---*---		
-10	67B45401	. CHANNEL	1	
		(ATTACHING PARTS)		
	MS20470AD5-6	. RIVET	14	
		---*---		
-11	67B45402	. ANGLE	1	
		(ATTACHING PARTS)		
	MS20470AD5-6	. RIVET	9	
		---*---		
-12	67B45418	. ANGLE	1	
		(ATTACHING PARTS)		
	MS20470AD5-6	. RIVET	4	
		---*---		
-13	67B45419	. ANGLE	1	
		(ATTACHING PARTS)		
	MS20470AD5-6	. RIVET	11	
		---*---		
-14	67B45396	. CHANNEL	2	
		(ATTACHING PARTS)		
	MS20470AD5-6	. RIVET	10	
		---*---		
-15	67B45397	. CLIP	6	

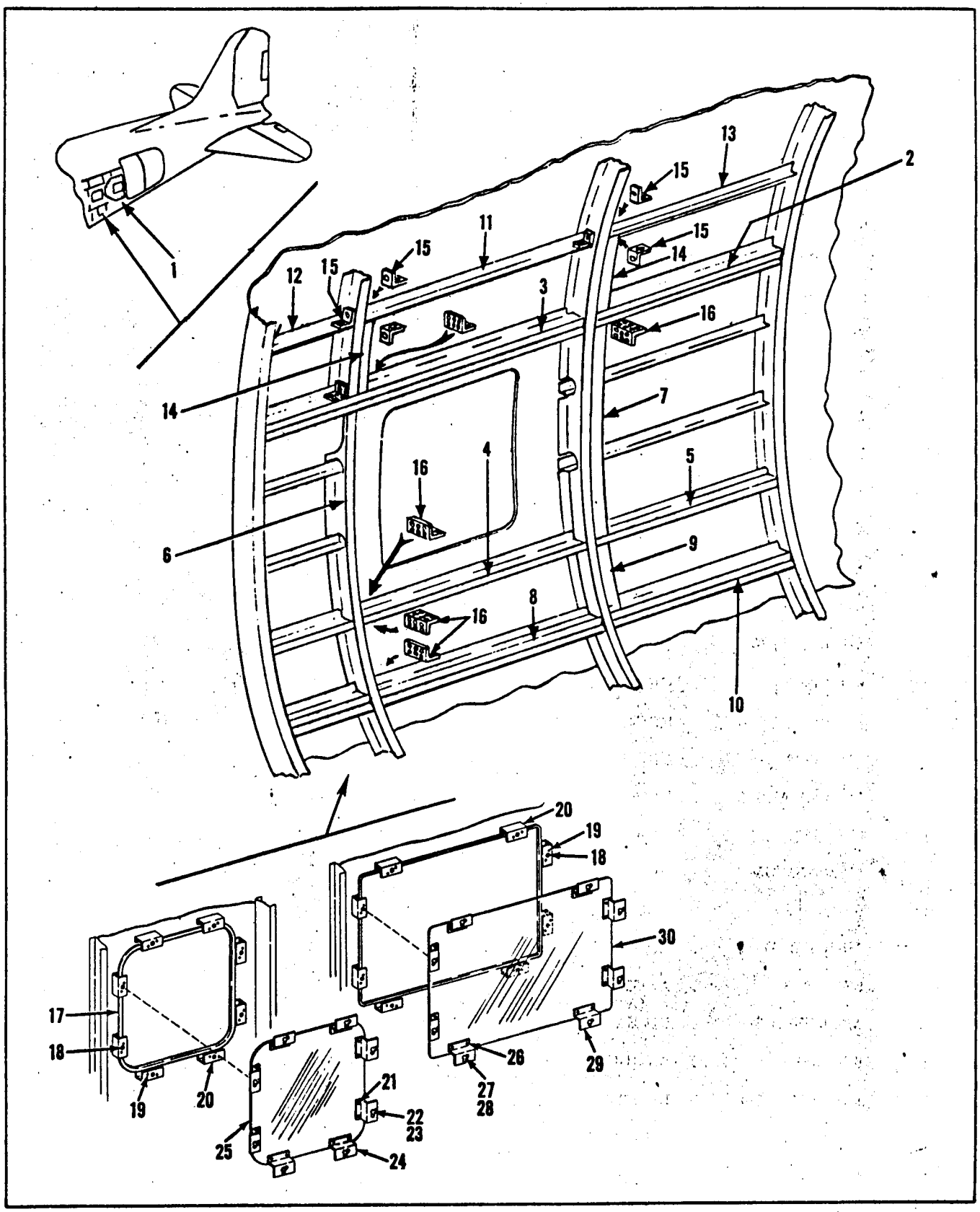

Figure 292. Doubler and Window Installation (.50 Caliber Machine Gun Installation)

FIG. & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
292-		(ATTACHING PARTS)		
	MS20470AD5-6	. RIVET	8	
		---*---		
-16	67B45406	. CLIP	5	
		(ATTACHING PARTS)		
	MS20470AD5-6	. RIVET	54	
		---*---		
	68EG1011	WINDOW INSTALLATION (See T. O. 1C-47(A)-505). .	NP	
-17	68EG1011-1	. GASKET.	2	
	68EG1163	. CLIP ASSEMBLY	16	
		(ATTACHING PARTS)		
	AN470AD5-4	. RIVET	2	
		---*---		
-18	S5A-200	. . SPRING (72794)	1	
		(ATTACHING PARTS)		
-19	MS20426AD4-4	. . RIVET	2	
		---*---		
-20	68EG1163-1	. . CLIP	1	
	68EG1161-1	. WINDOW ASSEMBLY, Aft	1	
	68EG1162	. . CLIP ASSEMBLY.	8	
		(ATTACHING PARTS)		
	AN364-1032	. . NUT	2	
	AN960L10	. . WASHER	2	
-21	MS24694-52	. . SCREW	2	
		---*---		
-22	GA5-312	. . . GROMMET (72794)	1	
-23	AW5-40	. . . STUD (72794)	1	
-24	68EG1162-1	. . . CLIP	1	
-25	68EG1161-10	. . PANE	1	
	68EG1161-3	. WINDOW ASSEMBLY, Fwd	1	
	68EG1162	. . CLIP ASSEMBLY	8	
		(ATTACHING PARTS)		
	AN364-1032	. . NUT	2	
	AN960L10	. . WASHER	2	
-26	MS24694-52	. . SCREW	2	
		---*---		
-27	GA5-312	. . . GROMMET (72794)	1	
-28	AW5-40	. . . STUD (72794)	1	
-29	68EG1162-1	. . . CLIP	1	
-30	68EG1161-30	. . PANE.	1	

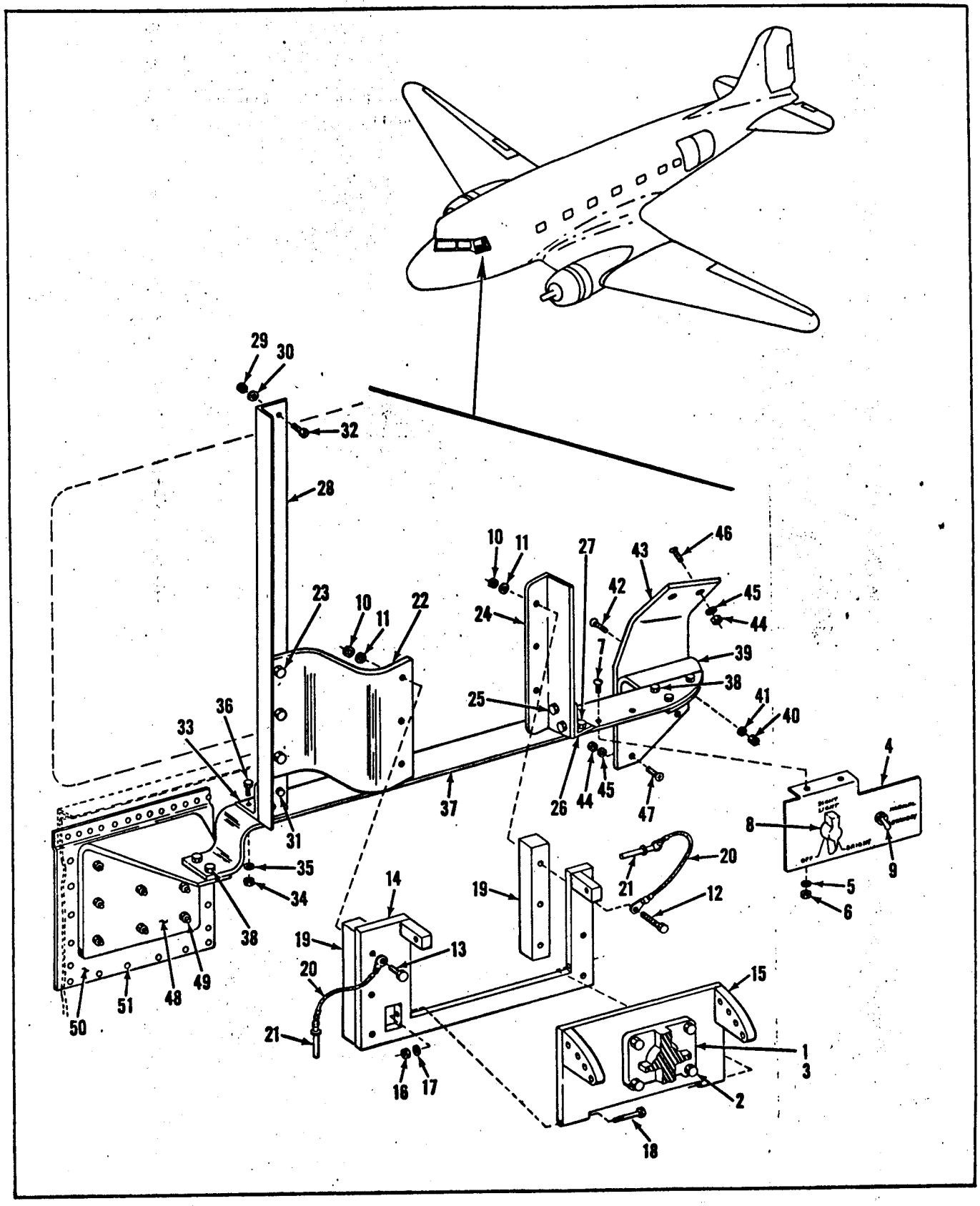

Figure 293. Gun Sight Installation (.50 Caliber Machine Gun Installation)

FIG. & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
293-	68EG1002	GUN SIGHT INSTALLATION (See T.O. 1C-47(A)-505)	NP	
-1	875732	. SIGHT, Mark 20, Mod 4 (10001)	1	
		(ATTACHING PARTS)		
	MS21044N5	. NUT	4	
	AN960D516L	. WASHER	4	
-2	AN5-11	. BOLT	4	
		---*---		
-3	890	. LAMP (24446)	1	
-4	65B46001	. MOUNT, Light Controls	1	
		(ATTACHING PARTS)		
-5	MS21044N3	. NUT	2	
-6	AN960D10L	. WASHER	2	
-7	MS35207-264	. SCREW	2	
		---*---		
-8	AN3155-25-50	. RHEOSTAT	1	
-9	MS35058-23	. SWITCH	1	
	68EG1113	. HINGE ASSEMBLY	1	
		(ATTACHING PARTS)		
-10	MS21044N3	. NUT	6	
-11	AN960D10L	. WASHER	6	
-12	AN3-14	. BOLT	3	
-13	AN3-6	. BOLT	3	
		---*---		
-14	68EG1113-1	. . SECTION, Forward	1	
-15	68EG1113-3	. . SECTION, Top	1	
		(ATTACHING PARTS)		
-16	MS21042-3	. . NUT	2	
-17	AN960-10	. . WASHER	2	
-18	AN3-80A	. . BOLT	2	
		---*---		
-19	68EG1279	. BLOCK, Spacer	2	
-20	LT1504-C6-6	. LANYARD	2	
-21	BLS3R08N	. PIN (84256)	2	
-22	68EG1278	. BRACKET	1	
		(ATTACHING PARTS)		
	MS21044N3	. NUT	3	
	AN960D10L	. WASHER	3	
-23	AN3-6	. BOLT	3	
		---*---		
-24	65B45668	. ANGLE	1	
		(ATTACHING PARTS)		
	MS21044N3	. NUT	2	
	AN960D10L	. WASHER	2	
-25	AN3-5	. BOLT	2	
		---*---		
-26	65B45669	. CLIP	1	
		(ATTACHING PARTS)		
	MS21044N3	. NUT	2	
	AN960D10L	. WASHER	2	
-27	AN3-5	. BOLT	2	
		---*---		
-28	65B45667	. ANGLE	1	
		(ATTACHING PARTS)		
-29	MS21044N3	. NUT	4	
-30	AN960D10L	. WASHER	4	
-31	AN3-5	. BOLT	2	
-32	MS27039-1-12	. SCREW	2	
		---*---		
-33	65B45665	. CLIP	1	
		(ATTACHING PARTS)		
-34	MS21044N3	. NUT	2	

FIG. & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
293-35	AN960D10L	WASHER	2	
-36	AN3-5	BOLT	2	
		---*---		
-37	65C45661	ARM	1	
		(ATTACHING PARTS)		
	MS21044N3	NUT	5	
	AN960D10L	WASHER	5	
-38	AN3-6	BOLT.	5	
		---*---		
-39	65C45662	BRACKET	1	
		(ATTACHING PARTS)		
-40	MS21044N3	NUT	2	
-41	AN960D10L	WASHER	2	
-42	NAS517-3-6	SCREW	2	
		---*---		
-43	65C45666	PLATE	1	
		(ATTACHING PARTS)		
-44	MS21044N3	NUT	4	
-45	AN960D10L	WASHER.	4	
-46	NAS517-3-6	SCREW	2	
-47	MS27039-1-12	SCREW	2	
		---*---		
-48	65C45663	BRACKET	1	
		(ATTACHING PARTS)		
-49	MS21044N3	NUT	9	
	AN960D10L	WASHER	9	
	MS27039-1-12	SCREW	9	
		---*---		
-50	65B45678	PLATE	1	
		(ATTACHING PARTS)		
-51	MS20470AD5-8	RIVET	28	
		---*---		

FIG. & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
294-	68EG1004	CONTROL BOX INSTALLATION (See T. O. 1C-47(A)-505)	NP	
	68EG1104	. CONTROL BOX ASSEMBLY	1	
		(ATTACHING PARTS)		
-1	MS2104408	. NUT	7	
-2	AN960C8	. WASHER	7	
-3	MS35206-246	. SCREW	7	
		---*---		
	65C45700	. . BOX ASSEMBLY	1	
	212-12N	. . . RECEPTACLE (71286)	4	
-4	65C45700-3	. . . BOX	1	
-5	65C45697	. . END	1	
		(ATTACHING PARTS)		
	MS20426AD3-5	. . RIVET	13	
		---*---		
-6	MS20257P4-650	. . HINGE	1	
		(ATTACHING PARTS)		
	MS20426AD3-5	. . RIVET	5	
		---*---		
-7	65C45698	. . END ASSEMBLY	1	
		(ATTACHING PARTS)		
	MS20426AD3-5	. . RIVET	13	
		---*---		
	800-244-12	. . . RECEPTACLE	1	
-8	68EG1153	. . PANEL ASSEMBLY	1	
		(ATTACHING PARTS)		
	MS20426AD3-5	. . RIVET	5	
		---*---		
	2600-SW2	. . . WASHER (71286)	5	
	2600-B	. . . FASTENER	5	
-9	MS25166-1	. KNOB	4	
-10	AN3155-25-50	. RHEOSTAT	4	
-11	MS25331-2-313	. LAMP	3	
-12	MS35058-23	. SWITCH	1	
-13	MS25224-3	. GUARD	1	
-14	MS35059-23	. SWITCH	3	
-15	68EG1217	. PLACARD	1	
		(ATTACHING PARTS)		
	AN530-10R8	. SCREW	4	
		---*---		
-16	65B45655	. BRACKET	1	
		(ATTACHING PARTS)		
	MS21044N03	. NUT	3	
	AN960C8	. WASHER	3	
	MS35206-246	. SCREW	3	
		---*---		
-17	AN3311-1	. RELAY	3	
		(ATTACHING PARTS)		
	MS21044N03	. NUT	2	
	AN960C8	. WASHER	2	
	MS35206-246	. SCREW	2	
		---*---		
-18	MS35489-3	. GROMMET	1	
-19	65B45654	. . CLIP	2	
		(ATTACHING PARTS)		
-20	MS21044N03	. NUT	2	
-21	AN960C8	. WASHER	2	
-22	MS35206-246	. SCREW	2	
		---*---		
	68EG1154	. BOX ASSEMBLY	1	
		(ATTACHING PARTS)		

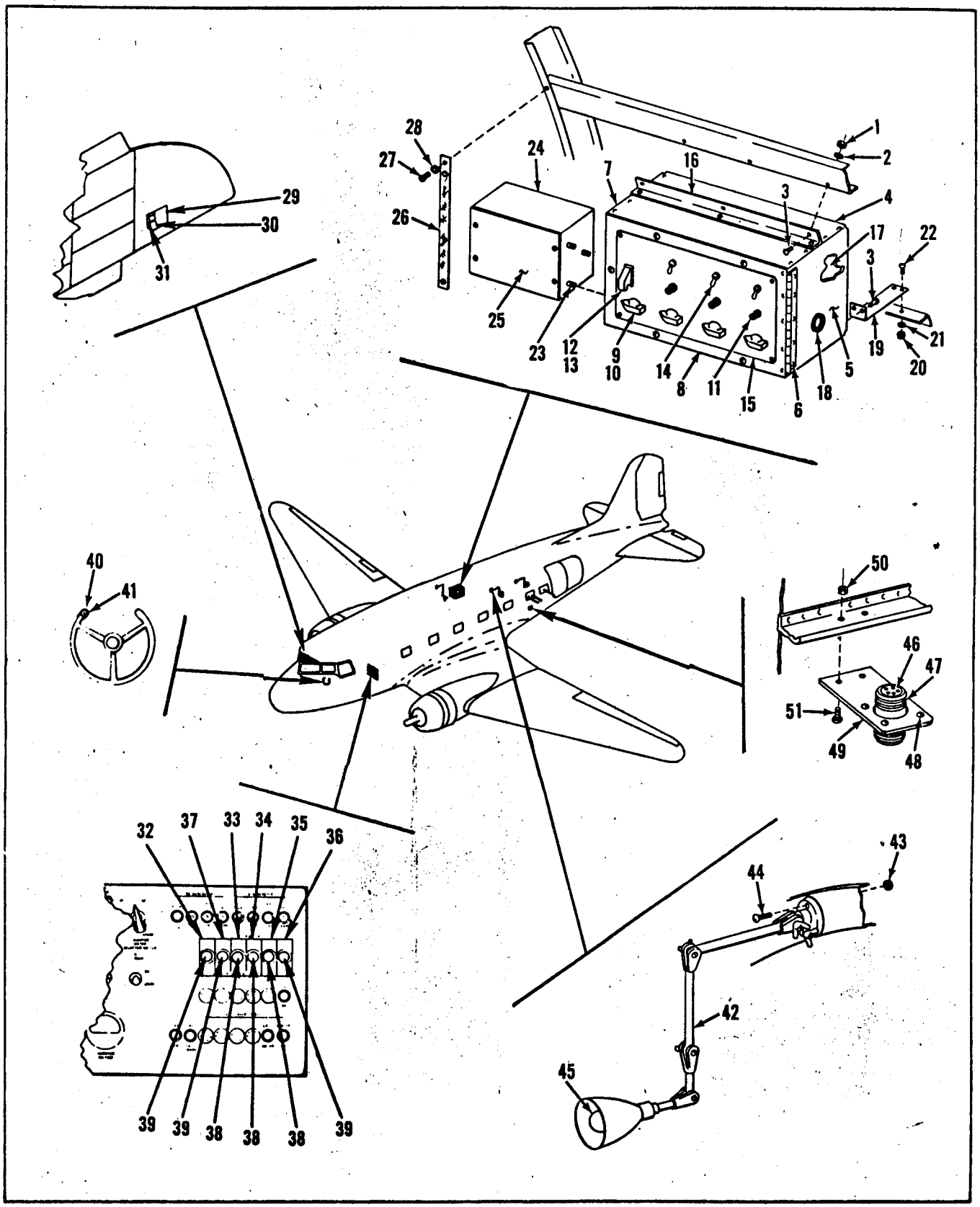

Figure 294. Electrical Installation (.50 Caliber Machine Gun Installation)

FIG. & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
294-	MS21044N08	. NUT	3	
	AN960C8	. WASHER	3	
-23	MS35206-245	. SCREW	3	
		---*---		
	212-12N	. . RECEPTACLE.	4	
-24	68EG1154-1	. . BOX	1	
-25	68EG1155	. COVER ASSEMBLY	1	
	2600-SW2	. . WASHER (71286)	4	
	2600-B	. . FASTENER (71286)	4	
	68EG1155-1	. . COVER	1	
-26	68EG1117	. STRAP ASSEMBLY	1	
		(ATTACHING PARTS)		
-27	AN530-10R8	. SCREW	1	
-28	AN960-10	. WASHER	1	
		---*---		
	#1	. . EYELET.	1	
	AN227-9	. . EYELET.	1	
	AN227-8	. . STUD.	1	
	AN227-7	. . SOCKET.	1	
	AN227-6	. . BUTTON	1	
	68EG1117-1	. . STRAP	1	
	65C45708	SWITCH INSTALLATION, Master arming	NP	
		(See T.O. 1C-47(A)-505)		
-29	65B45699	. PLATE, Identification	1	
-30	MS25224-3	. GUARD	1	
-31	MS35058-23	. SWITCH	1	
	65C45695	CIRCUIT BREAKER INSTALLATION	NP	
		(See T.O. 1C-47(A)-505)		
-32	65B45681	. PLATE, Identification	1	
		(ATTACHING PARTS)		
	AN520-6-6	. SCREW	2	
		---*---		
-33	65B45690	. PLATE, Identification	1	
		(ATTACHING PARTS)		
	AN520-6-6	. SCREW	2	
		---*---		
-34	65B45691	. PLATE, Identification	1	
		(ATTACHING PARTS)		
	AN520-6-6	. SCREW	2	
		---*---		
-35	65B45692	. PLATE, Identification	1	
		(ATTACHING PARTS)		
	AN520-6-6	. SCREW	2	
		---*---		
-36	65B45694	. PLATE, Identification	1	
		(ATTACHING PARTS)		
	AN520-6-6	. SCREW	2	
		---*---		
-37	65B45693	. PLATE, Identification	1	
		(ATTACHING PARTS)		
	AN520-6-6	. SCREW	2	
		---*---		
-38	MS25017-10	. . CIRCUIT BREAKER	3	
-39	MS25017-5	. . CIRCUIT BREAKER	3	
	65C45710	. HOLDER INSTL., Switch	NP	
		(GUN FIRING)		
-40	65B45659	. . HOLDER.	1	
		(ATTACHING PARTS)		
	AN515-4R14	. . SCREW	2	
	AN341-4	. . NUT	2	
		---*---		

FIG. & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
294-41	138166D	. . SWITCH, Momentary (GUN FIRING) (78947)	1	
	68EG1003	FLEXLIGHT INSTALLATION	NP	
-42	AN3047-1B	. FLEXLIGHT ASSEMBLY	4	
		(ATTACHING PARTS)		
-43	MS21044N3	. NUT	3	
-44	AN520-10-10	. SCREW	3	
		---*---		
-45	AN3124SB307	. LAMP	4	
	68EG1010	PLUG INSTALLATION	NP	
-46	MS3057-4	. ADAPTER	3	
-47	MS3100( )125-3P	. PLUG	3	
		(ATTACHING PARTS)		
	MS21044N04	. NUT	4	
-48	AN515-4R6	. SCREW	4	
		---*---		
-49	68EG1220	. PLATE	3	
		(ATTACHING PARTS)		
-50	MS21044N08	. NUT	2	
-51	AN515-8R8	. SCREW	2	
		---*---		

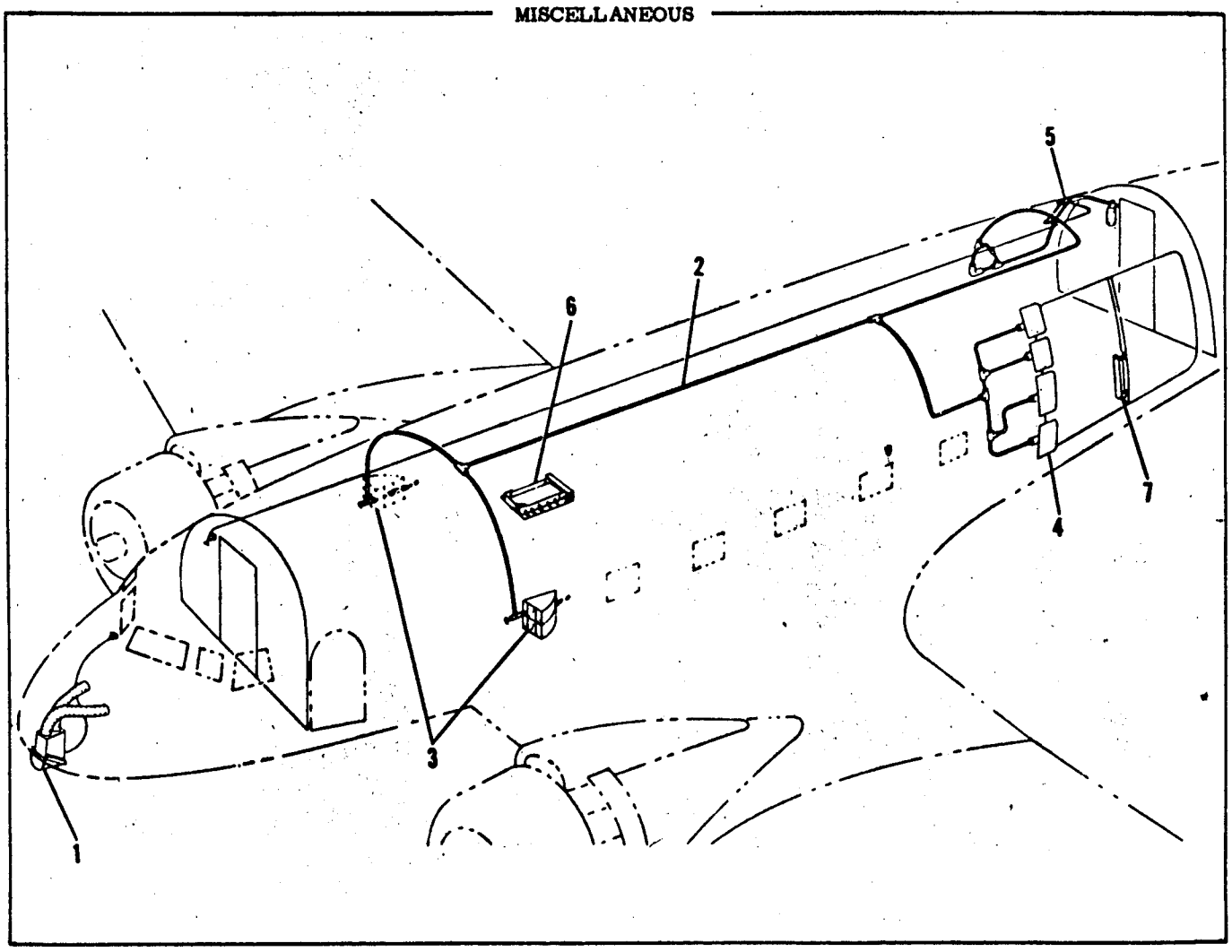

Figure 295. Emergency Smoke Removal System

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
295 -	NO NUMBER	EMERGENCY SMOKE REMOVAL SYSTEM (SEE T.O. 1C-47-548)	1	A
- 1	9J01061	NOSE VENTILATION ASSY INSTL (12339) (SEE FIG. 296 FOR DETAILS)	1	A
- 2	NO NUMBER	PNEUMATIC LINES AND HARDWARE INSTL (SEE FIG. 297 FOR DETAILS)	1	A
- 3	9J01054-1	RAM AIR INSTL, CABIN, LH (12339) (SEE FIG. 299 FOR DETAILS)	1	A
	9J01054-2	RAM AIR INSTL, CABIN, RH (12339) (SEE FIG. 299 FOR DETAILS)	1	A
- 4	9J01052	SPOILER ASSY, INSTL (12339) (SEE FIG. 301 FOR DETAILS)	1	A
- 5	9J01059	VALVE CONTROL ASSY INSTL (12339) (SEE FIG. 303 FOR DETAILS)	1	A
- 6	9E01091	FLARE BOX RESTRAINING INSTL (12339) (SEE FIG. 305 FOR DETAILS)	1	A
- 7	9E01092	ROLLER ASSY INSTL (12339) (SEE FIG. 306 FOR DETAILS)	1	A
		A 145, 198, 202, 210, 211, 271, 298, 315, 321, 329, 349, 358, 367, 370, 390, 434, 439, 480, 494, 500, 503, 509, 519, 526, AND 567 THRU 569		
		SEE PAGE 1-4 FOR MASTER AIRPLANE SERIAL NUMBER LISTING	-	

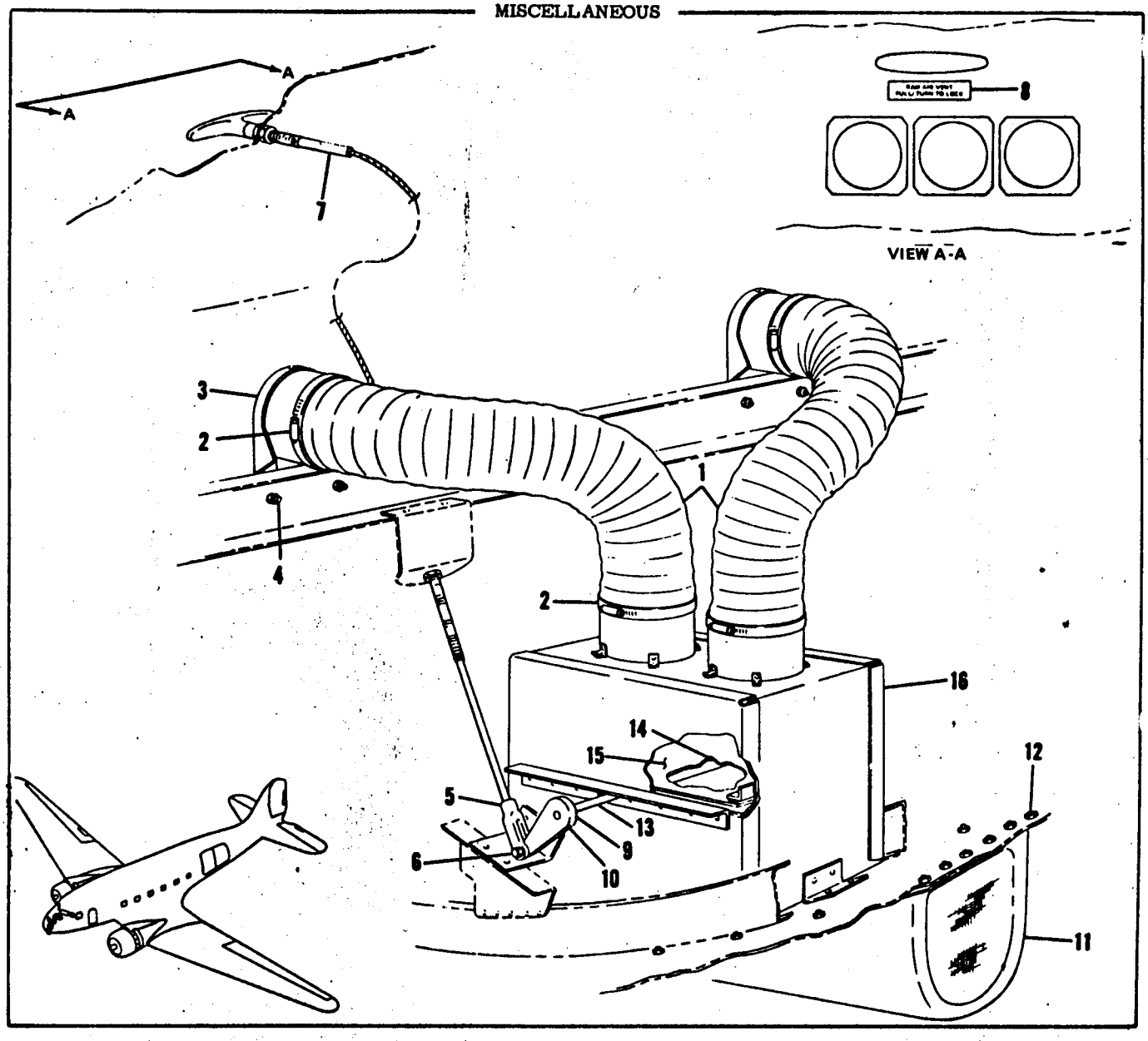

Figure 296. Nose Ventilation Assembly Installation

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
296 –	9J01061	NOSE VENTILATION ASSY INSTL (SEE FIG. 295 FOR NHA) (SEE T.O. 1C-47-548)	REF	A
– 1	9D01066	HOSE 3 IN. DIA BY 18 IN. LG (12339)	2	A
		(ATTACHING PARTS)		
– 2	QS-200M48H	CLAMP (08484)	2	A
		---> ---		
– 3	9C01034	DUCT, EXHAUST (12339)	2	A
		(ATTACHING PARTS)		
– 4	AN3-3A	BOLT	2	A
	MS20365-1032A	NUT	2	A
		---> ---		
– 5	RA-13-250-1	CLEVIS (80097)	1	A
		(ATTACHING PARTS)		
– 6	AN4-12A	BOLT	1	A
	MS20365-428A	NUT	1	A
		---> ---		
– 7	3D-1000-1171-82	CONTROL ASSY, PUSH-PULL (80097)	1	A
– 8	9B01067	DECAL (12339)	1	A
– 9	9B01033	ARM, VALVE (12339)	1	A
		(ATTACHING PARTS)		
– 10	MS171534	PIN	1	A
		---> ---		
– 11	9E01040	SCOOP (12339)	1	A
		(ATTACHING PARTS)		
– 12	AN525-10-7	SCREW	22	A
	MS20365-1032A	NUT	22	A
		---> ---		
	9D01065	PLENUMN CHAMBER ASSY (12339)	1	A
– 13	9B01028	ROD, BUTTERFLY VALVE (12339)	1	A
		(ATTACHING PARTS)		
– 14	MS17128	PIN	1	A
		---> ---		
– 15	9C01026	VALVE, BUTTERFLY (12339)	1	A
– 16	9J01025	PLENNUM CHAMBER (12339)	1	A
		FOR EXPLANATION OF CODING SEE FIG. 295		

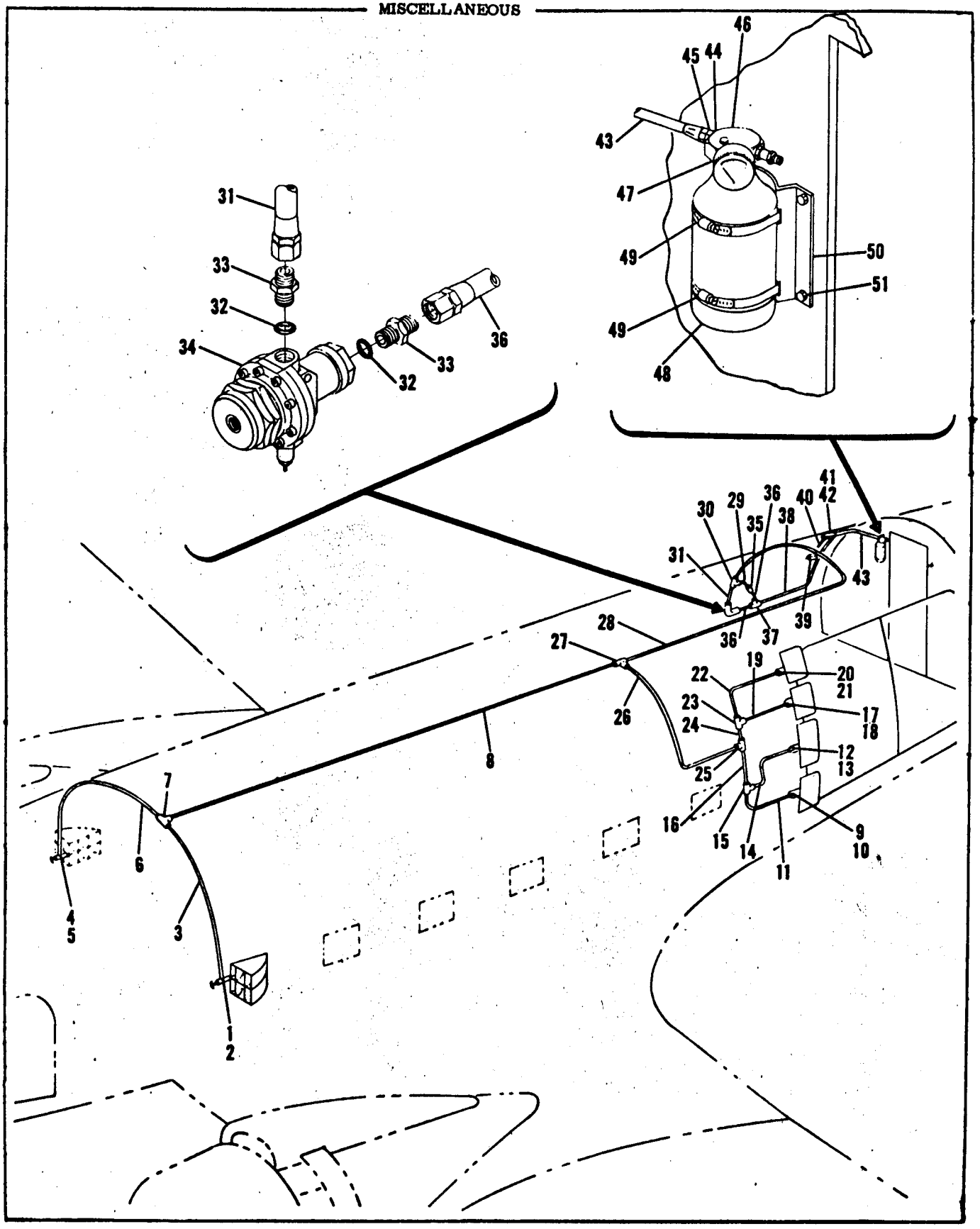

Figure 297. Pneumatic Lines and Hardware Installation

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
297 –	NO NUMBER	PNEUMATIC LINES AND HARDWARE INSTL (SEE FIG. 295 FOR NHA) (SEE T.O. 1C-47-548)	REF	A
– 1	AN6227-11	PACKING	1	A
– 2	5862-0007	UNION (33525)	1	A
– 3	9C01077-4	HOSE, LOW PRESSURE (12339)	1	A
– 4	AN6227-11	PACKING	1	A
– 5	5862-0007	UNION (33525)	1	A
– 6	9C01077-5	HOSE, LOW PRESSURE (12339)	1	A
– 7	5862-0605	TEE (33525)	1	A
– 8	9C01077-3	HOSE, LOW PRESSURE (12339)	1	A
– 9	AN6227-13	PACKING	1	A
– 10	5862-0601	UNION (33525)	1	A
– 11	9C01077-8	HOSE, LOW PRESSURE (12339)	1	A
– 12	AN6227-13	PACKING	1	A
– 13	5862-0601	UNION (33525)	1	A
– 14	9C01077-9	HOSE, LOW PRESSURE (12339)	1	A
– 15	5862-0605	TEE (33525)	1	A
– 16	9C0177-8	HOSE, LOW PRESSURE (12339)	1	A
– 17	AN6227-13	PACKING	1	A
– 18	5862-0601	UNION (33525)	1	A
– 19	9C01077-10	HOSE, LOW PRESSURE (12339)	1	A
– 20	AN6227-13	PACKING	1	A
– 21	5862-0601	UNION (33525)	1	A
– 22	9C01077-8	HOSE, LOW PRESSURE (12339)	1	A
– 23	5862-0605	TEE (33525)	1	A
– 24	9C01077-7	HOSE, LOW PRESSURE (12339)	1	A
– 25	5862-0605	TEE (33525)	1	A
– 26	9C01077-6	HOSE, LOW PRESSURE (12339)	1	A
– 27	5862-0605	TEE (33525)	1	A
– 28	9C01077-2	HOSE, LOW PRESSURE (12339)	1	A
– 29	9C01077-1	HOSE, LOW PRESSURE (12339)	1	A
– 30	5862-0605	TEE (33525)	1	A
– 31	9C01077-1	HOSE, LOW PRESSURE (12339)	1	A
– 32	AN6227-11	PACKING	2	A
– 33	5862-0007	UNION (33525)	2	A
– 34	890405-0130	PRESSURE REDUCER (33525)	1	A
		(ATTACHING PARTS)		
	AN3-15A	BOLT	2	A
	MS20365-1032A	NUT	2	A
– 35	1306C-1	VALVE, CHECK (96948)	1	A
– 36	9C01076-3	HOSE, HIGH PRESSURE (12339)	2	A
– 37	58620605	TEE (33525)	1	A
– 38	9C01076-2	HOSE, HIGH PRESSURE (12339)	1	A
– 39	5862-0605	TEE (33525)	1	A
– 40	9C01077-11	HOSE, LOW PRESSURE (12339)	1	A
– 41	AN6227-11	PACKING	3	A
– 42	5862-0007	UNION (33525)	3	A
– 43	9C01076-1	HOSE, HIGH PRESSURE (12339)	1	A
– 44	AN6227-11	PACKING	1	A
– 45	5862-0007	UNION (33525)	1	A
– 46	840929	DRAIN FITTING (33525) (SEE FIG. 298 FOR DETAILS)	1	A
– 47	MS28778-16	PACKING	1	A
	AN3-4A	BOLT	25	A
	MS20365-1032A	NUT	25	A
	MS21919DG12	CLAMP	25	A
	9E01057	PRESSURE VESSEL INSTL, SMOKE REMOVAL (12339)	1	A
– 48	840447	BOTTLE, PNEUMATIC, 30 CU IN. (33525)	1	A
		(ATTACHING PARTS)		
– 49	QS200M48H	CLAMP (08484)	2	A
– 50	241014	BRACKET (33525)	1	A
		(ATTACHING PARTS)		
– 51	AN3-3A	BOLT	4	A
	MS20364-1032	NUT	4	A

FOR EXPLANATION OF CODING SEE FIG. 295

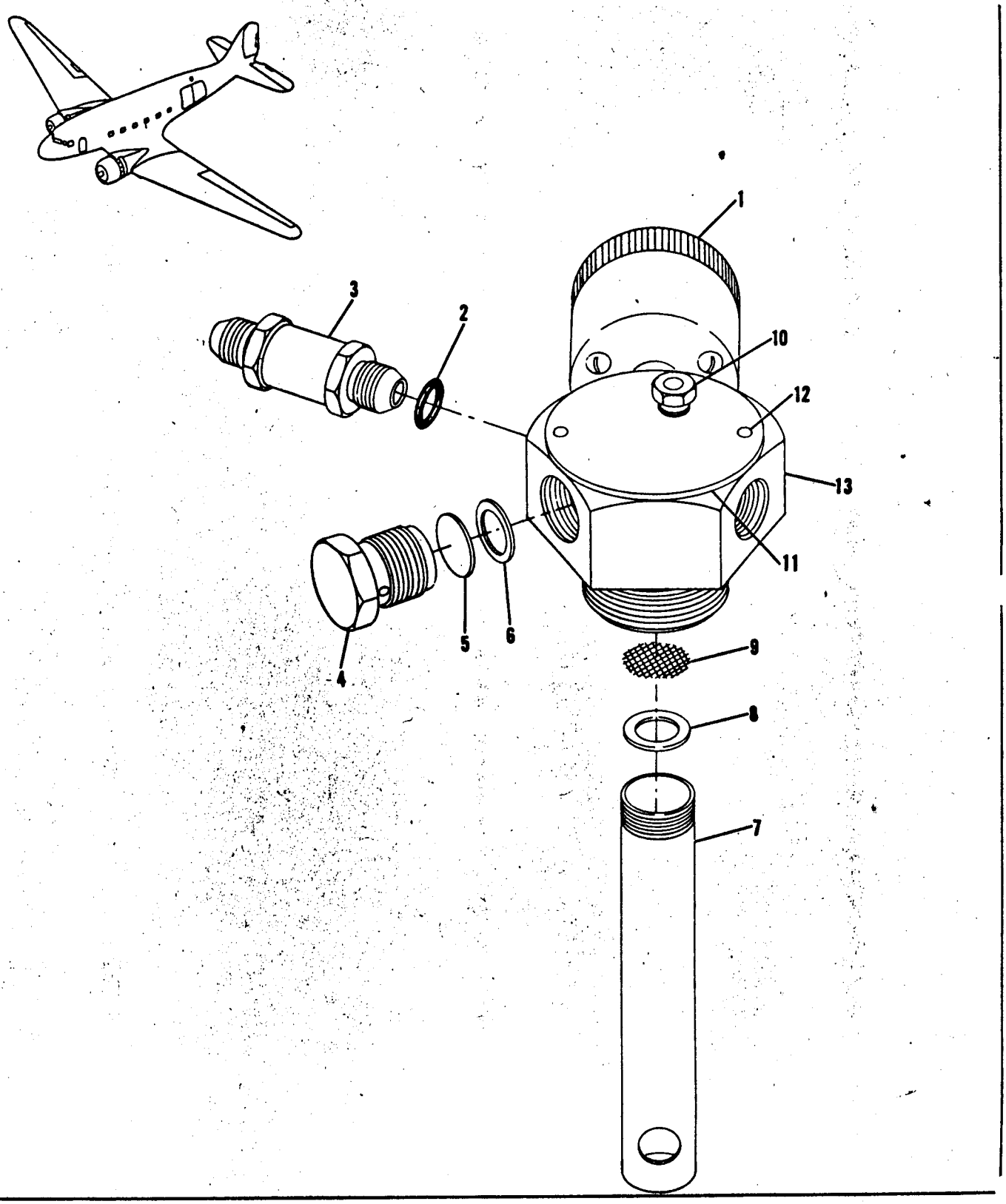

Figure 298. Drain Fitting

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
298 –	840929	DRAIN FITTING (33525 (SEE 297 FOR NHA) (SEE T.O. 1C-47-548)	REF	A
– 1	244311	GAGE (33525)	1	A
– 2	MS28778-4	PACKING	1	A
– 3	840472	VALVE, CHECK (33525)	1	A
– 4	204653	PLUG, SAFETY (33525)	1	A
– 5	5026	DISC, SAFETY (33525)	1	A
– 6	200572	WASHER (33525)	1	A
– 7	203501	TUBE (33525)	1	A
– 8	206119	RETAINER, SCREEN (33525)	1	A
– 9	203502	STRAINER (33525)	1	A
– 10	203867	VALVE (33525)	1	A
– 11	208749	NAMEPLATE (33525)	1	A
		(ATTACHING PARTS)		
– 12	1122-0203	SCREW, DRIVE (33525)	2	A
		– + – * + – –		
– 13	270810	BODY (33525)	1	A

FOR EXPLANATION OF CODING SEE FIG. 295

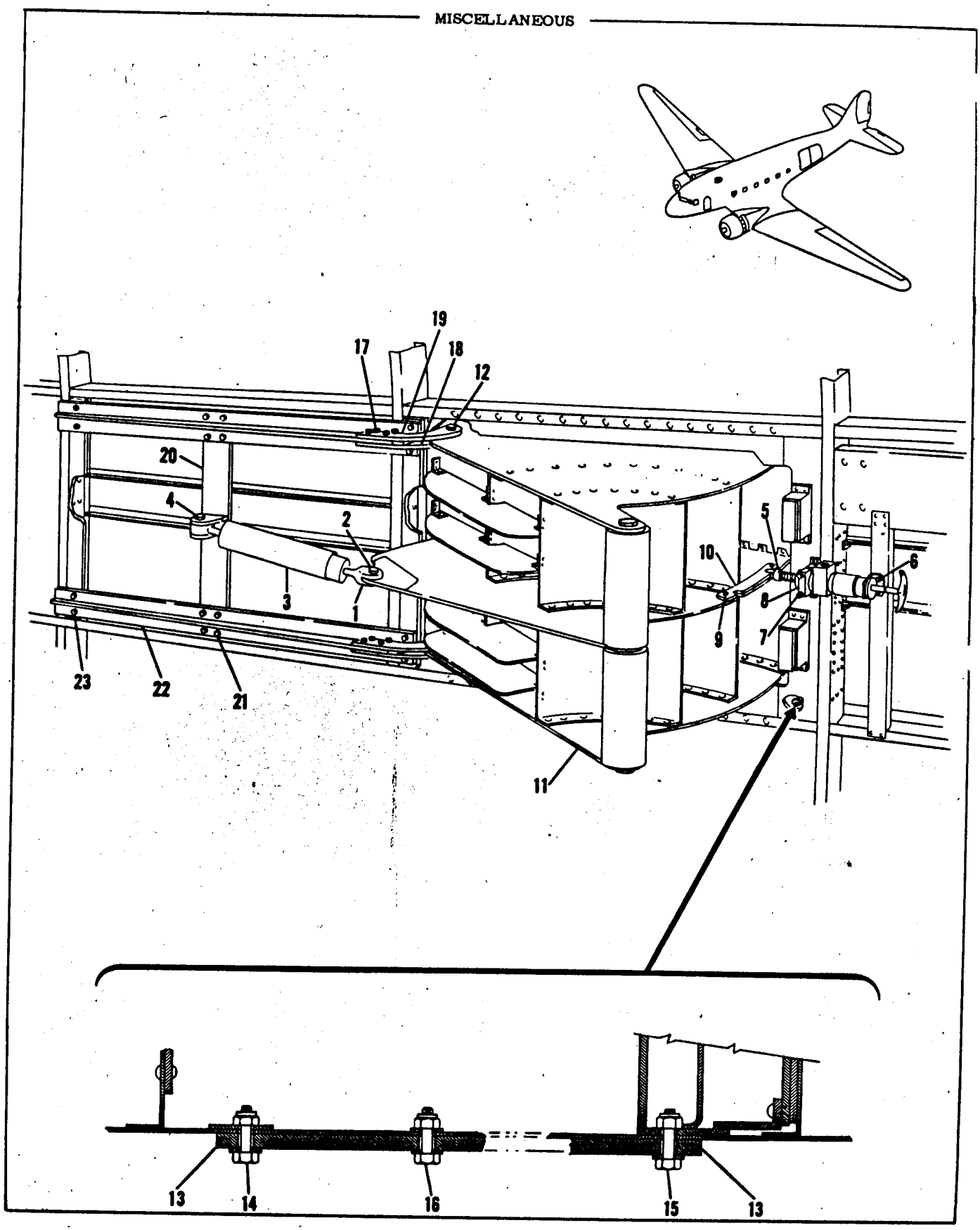

Figure 299. Cabin LH and RH Ram Air Installation

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
299 –	9J01054-1	RAM AIR INSTL, CABIN, LH (12339) (SEE FIG. 295 FOR NHA) (SEE T.O. 1C-47-548)	REF	A
	9J01054-2	RAM AIR INSTL, CABIN, RH (12339) (SEE FIG. 295 FOR NHA) (SEE T.O. 1C-47-548)	REF	A
– 1	RA-13-375-1	YOKE (80098)	1	A
		(ATTACHING PARTS)		
– 2	AN6-13A	BOLT	1	A
	MS20365-624A	NUT	1	A
– 3	4604	FLUID DAMPER (76445)	1	A
		(ATTACHING PARTS)		
– 4	AN6-21A	BOLT	1	A
	MS20365-624A	NUT	1	A
– 5	9D01056	ACTUATOR ASSY, SCOOP (12339) (SEE FIG. 300 FOR DETAILS)	1	A
		(ATTACHING PARTS)		
– 6	AN3-4A	BOLT	2	A
	AN960C10	WASHER	2	A
	MS20365-1032A	NUT	2	A
– 7	AN4-11A	BOLT	2	A
	MS35338-82	WASHER	2	A
– 8	9B01001	RETAINER, ACTUATOR (12339)	1	A
– 9	AN3-6A	BOLT	2	A
	AN960C10	WASHER	2	A
	MS20365-1032A	NUT	2	A
– 10	9D01018	LATCH PLATE (12339)	2	A
– 11	9J01050	SCOOP ASSY (12339)	1	A
		(ATTACHING PARTS)		
– 12	AN8-13A	BOLT	2	A
	AN960C816	WASHER	2	A
	MS20365-832A	NUT	2	A
	9J01050-11	SEAL, FRONT (12339)	1	A
	9J01050-10	SEAL, REAR (12339)	1	A
– 13	9D01042	BRACE, ADJUSTABLE (12339)	2	A
		(ATTACHING PARTS)		
– 14	AN3-6A	BOLT	1	A
	AN960C10	WASHER	1	A
	MS20365-1032A	NUT	1	A
– 15	AN3-7A	BOLT	1	A
	AN960C10	WASHER	1	A
	MS20365-1032A	NUT	1	A
– 16	AN3-6A	BOLT	5	A
	AN960C10	WASHER	10	A
	MS20365-1032A	NUT	5	A
– 17	AN4-11A	BOLT	8	A
	MS20365-428A	NUT	8	A
– 18	9C01017-1	ARM, HINGE (12339)	2	A
– 19	9C01017-2	ARM, HINGE (12339)	2	A
– 20	9D01002	SUPPORT, FLUID DAMPER (12339)	1	A
		(ATTACHING PARTS)		
– 21	AN4-7A	BOLT	8	A
	MS20365-428A	NUT	8	A
– 22	9D01004	BRACKET, FLUID DAMPER (12339)	2	A
		(ATTACHING PARTS)		
– 23	AN4-6A	BOLT	4	A
	MS20365-428A	NUT	4	A
		FOR EXPLANATION OF CODING SEE FIG. 295		

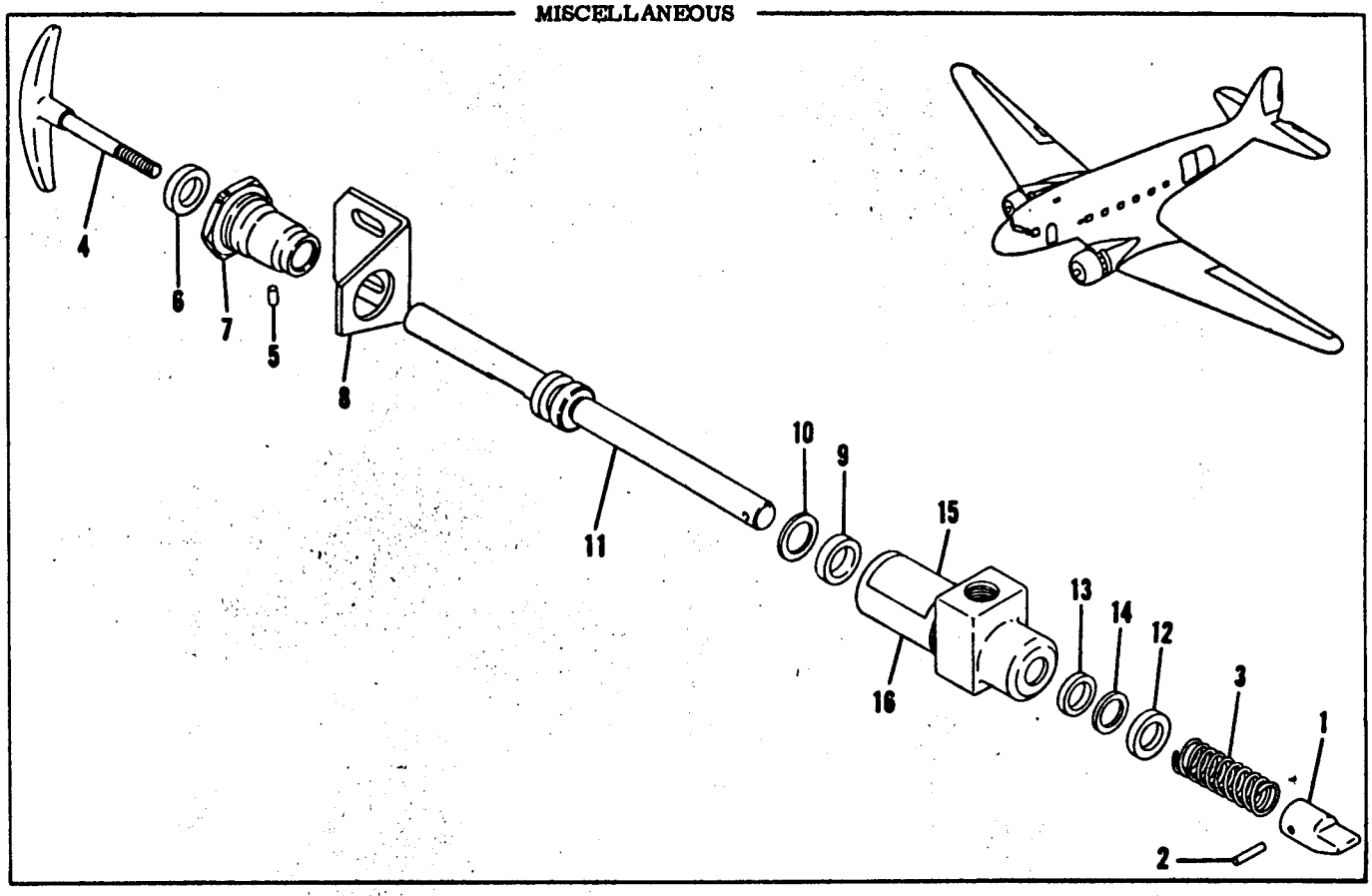

Figure 300. Scoop Actuator Assembly

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
300 -	9D01056	ACTUATOR ASSY, SCOOP (12339) (SEE FIG. 299 FOR NHA) (SEE T.O. 1C-47-548)	REF	A
- 1	9B01029	LATCH, ACTUATOR (12339)	1	A
		(ATTACHING PARTS)		
- 2	MS16555-628	PIN	1	A
- 3	LC-072J-8	SPRING, COMPRESSION (84830)	1	A
- 4	843917	T HANDLE (33525)	1	A
- 5	D5-312	PIN (00141)	1	A
- 6	254427	WIPER (33525)	1	A
- 7	9B01081	CAP, ACTUATOR END (12339)	1	A
- 8	277667	BRACKET, MOUNTING (33525)	1	A
- 9	1970-1200	PACKING, PREFORMED (33525)	1	A
- 10	MS28774-114	RETAINER	1	A
- 11	9C01082	PISTON, ACTUATOR (12339)	1	A
- 12	254427	WIPER (33525)	1	A
- 13	1970-1000	PACKING, PREFORMED (33525)	1	A
- 14	MS28774-112	RETAINER	1	A
- 15	254426	PLATE, IDENTIFICATION (33525)	1	A
- 16	277668	HOUSING (33525)	1	A
		FOR EXPLANATION OF CODING SEE FIG. 295		

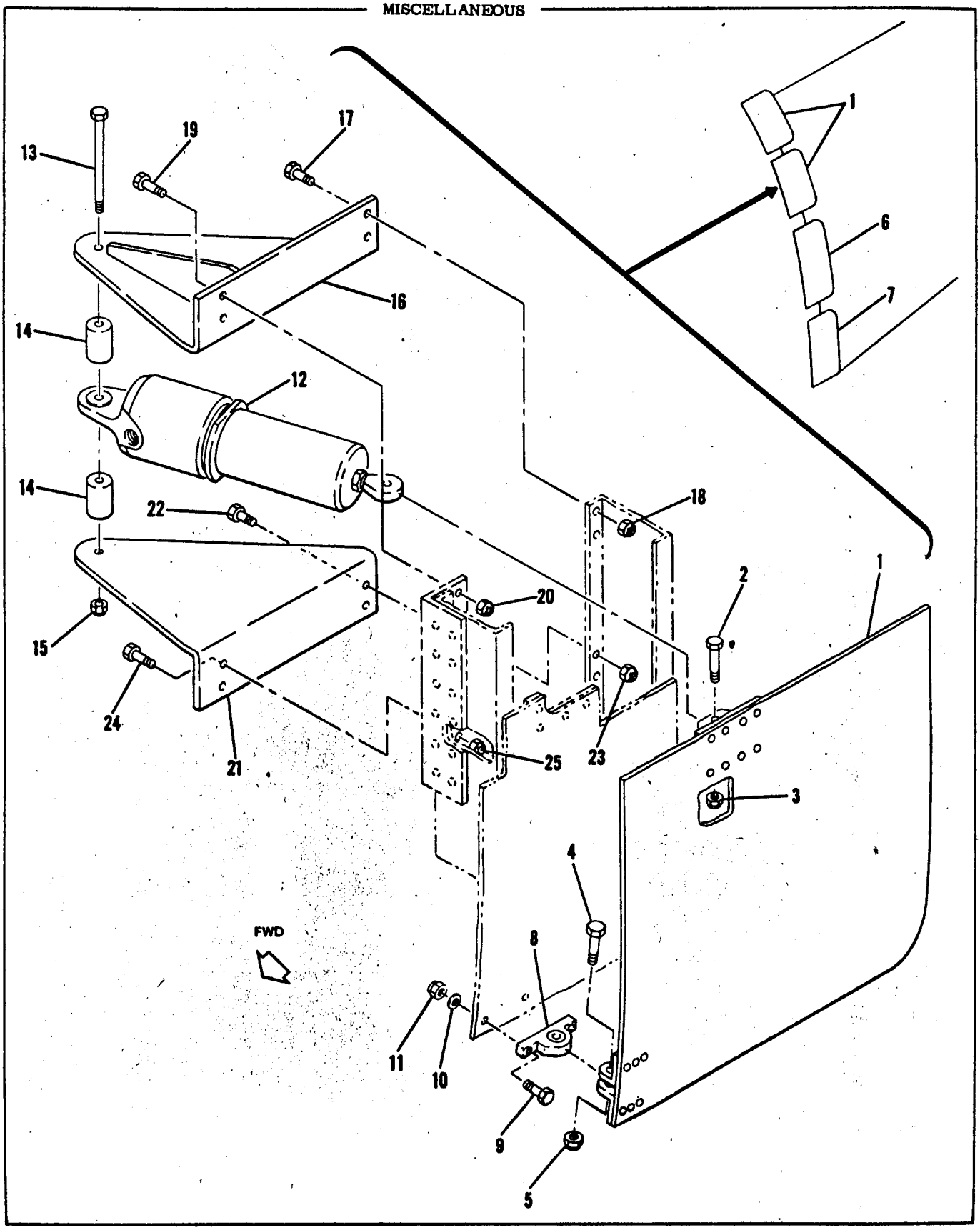

Figure 301. Spoiler Assembly Installation

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
301 –	9J01052	SPOILER ASSY INSTL (12339) (SEE FIG. 295 FOR NHA) (SEE T.O. 1C-47-548)	REF	A
– 1	9E01030-1	FLAP, SPOILER (12339)	2	A
		(ATTACHING PARTS)		
– 2	AN5-12A	BOLT	1	A
– 3	MS20365-524A	NUT	1	A
– 4	AN4-12A	BOLT	2	A
– 5	MS20365-428A	NUT	2	A
– 6	9E01030-2	FLAP, SPOILER (12339)	1	A
		(ATTACHING PARTS)		
	AN5-12A	BOLT	1	A
	MS20365-524A	NUT	1	A
	AN4-12A	BOLT	2	A
	MS20365-428A	NUT	2	A
– 7	9E01030-3	FLAP, SPOILER (12339)	1	A
		(ATTACHING PARTS)		
	AN5-12A	BOLT	1	A
	MS20365-524A	NUT	1	A
	AN4-12A	BOLT	2	A
	MS20365-428A	NUT	2	A
– 8	9C01039	MOUNT, HINGE (12339)	8	A
		(ATTACHING PARTS)		
– 9	AN3-6A	BOLT	2	A
– 10	AN960C10	WASHER	2	A
– 11	MS20365-1032A	NUT	2	A
– 12	894704	ACTUATOR ASSY, SPOILER (33525) (SEE FIG. 302 FOR DETAILS	4	A
		(ATTACHING PARTS)		
– 13	AN4-32A	BOLT	4	A
– 14	9B01024	SPACER, FLUID DAMPER (12339)	8	A
– 15	MS20365-428A	NUT	4	A
– 16	9C01020-1	BRACKET, ACTUATOR (12339)	4	A
		(ATTACHING PARTS)		
– 17	AN3-4A	BOLT	2	A
– 18	MS20365-1032A	NUT	2	A
– 19	AN3-5A	BOLT	2	A
– 20	MS20365-1032A	NUT	2	A
– 21	9C01020-2	BRACKET, ACTUATOR (12339)	4	A
		(ATTACHING PARTS)		
– 22	AN3-4A	BOLT	2	A
– 23	MS20365-1032A	NUT	2	A
– 24	AN3-5A	BOLT	2	A
– 25	MS20365-1032A	NUT	2	A

FOR EXPLANATION OF CODING SEE FIG. 295

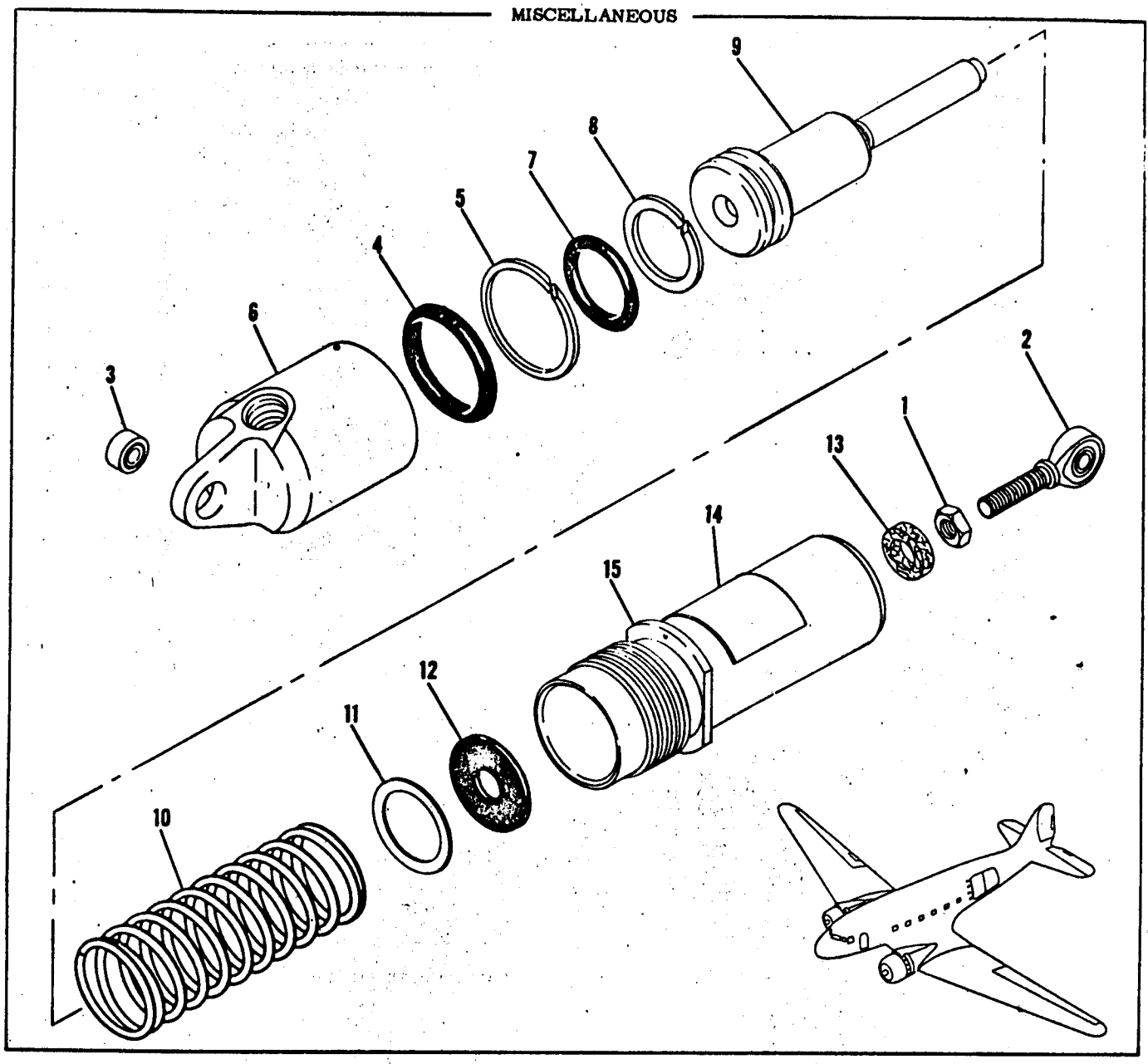

Figure 302. Spoiler Actuator Assembly

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
302 -	894704	ACTUATOR ASSY, SPOILER (33525) (SEE FIG. 301 FOR NHA) (SEE T.O. 1C-47-548)	REF	A
- 1	5450-2100	NUT, LOCK (33525)	1	A
- 2	254339	ROD END, SPERICAL BEARING (33525)	1	A
- 3	254338	BEARING, SPHERICAL (33525)	1	A
- 4	1971-0200	PACKING, PREFORMED (33525)	1	A
- 5	5540-0224	RETAINER, BACKUP (33525)	1	A
- 6	277638	CAP, END (33525)	1	A
- 7	1970-2300	PACKING, PREFORMED (33525)	1	A
- 8	5540-0218	RETAINER, BACKUP (33525)	1	A
- 9	875905	PISTON ASSY (33525)	1	A
- 10	217527	SPRING, ACTUATOR (33525)	1	A
- 11	254342	WASHER (33525)	1	A
- 12	254341	BUMPER (33525)	1	A
- 13	254340	WIPER (33525)	1	A
- 14	254337	PLATE, IDENTIFICATION (33525)	1	A
- 15	277639	HOUSING (33525)	1	A
		FOR EXPLANATION OF CODING SEE FIG. 295		

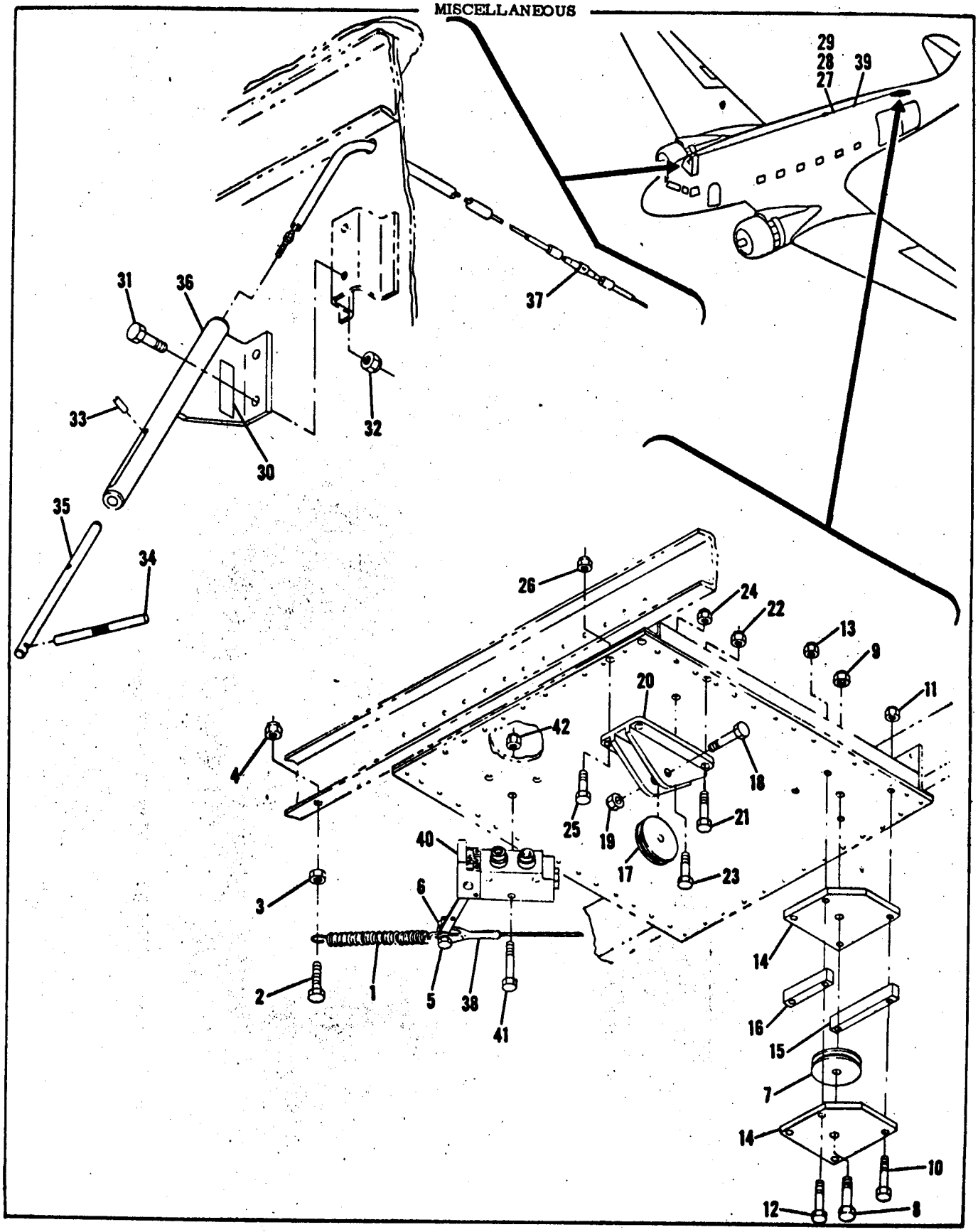

Figure 303. Valve Control Assembly Installation

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
303 –	9J01059	VALVE CONTROL ASSY INSTL (SEE FIG. 295 FOR NHA) (SEE T.O. 1C-47-548)	REF	A
– 1	LE-063E-9	SPRING, EXTENSION, 1/2 OD X 0.062 IN. DIA (84830)	1	A
		(ATTACHING PARTS)		
– 2	AN3-4A	BOLT	1	A
– 3	AN345-10	NUT	1	A
– 4	MS20365-1032A	NUT	1	A
– 5	AN3-5A	BOLT	1	A
– 6	MS20364-1032A	NUT	1	A
– 7	MS24566-3B	PULLEY	1	A
		(ATTACHING PARTS)		
– 8	AN4-14A	BOLT	1	A
– 9	MS20365-428A	NUT	1	A
– 10	AN3-14A	BOLT	1	A
– 11	MS20365-1032A	NUT	1	A
– 12	AN3-13A	BOLT	3	A
– 13	MS20365-1032A	NUT	3	A
– 14	9B01023	PLATE, PULLEY (12339)	2	A
– 15	9B01022-1	SPACER, PULLEY (12339)	1	A
– 16	9B01022-2	SPACER, PULLEY (12339)	1	A
– 17	MS24566-3B	PULLEY	1	A
		(ATTACHING PARTS)		
– 18	AN4-13A	BOLT	1	A
– 19	MS20365-428A	NUT	1	A
– 20	9C01021	BRACKET, PULLEY (12339)	1	A
		(ATTACHING PARTS)		
– 21	AN3-7A	BOLT	1	A
– 22	MS20365-1032A	NUT	1	A
– 23	AN3-5A	BOLT	1	A
– 24	MS20365-1032A	NUT	1	A
– 25	AN3-6A	BOLT	2	A
– 26	MS20365-1032A	NUT	2	A
– 27	MS21919DG5	CLAMP	4	A
		(ATTACHING PARTS)		
– 28	AN3-4A	BOLT	1	A
– 29	MS20365-1032A	NUT	1	A
– 30	9B01074	DECAL (12339)	1	A
	9D01071	T HANDLE ASSY (12339)	1	A
		(ATTACHING PARTS)		
– 31	AN4-5A	BOLT	2	A
– 32	MS20365-428A	NUT	2	A
– 33	MS171526	PIN	1	A
– 34	9B01068	ROD (12339)	1	A
– 35	9B01063	HANDLE (12339)	1	A
– 36	9C01069	BRACKET (12339)	1	A
– 37	9D01073	CABLE, TERMINAL END (12339)	1	A
	AN155-32L	BARREL	1	A
	MS21259-4LH	TERMINAL	1	A
	MS21259-4RH	TERMINAL	2	A
– 38	9C01070	CABLE, EYE END (12339)	1	A
	MS20667-4	TERMINAL	1	A
– 39	AN931-16-22	GROMMET	1	A
– 40	871621	VALVE CONTROL (33525) (SEE FIG. 304 FOR DETAILS)	1	A
		(ATTACHING PARTS)		
– 41	AN3-14A	BOLT	3	A
– 42	MS20365-1032A	NUT	3	A
		FOR EXPLANATION OF CODING SEE FIG. 295		

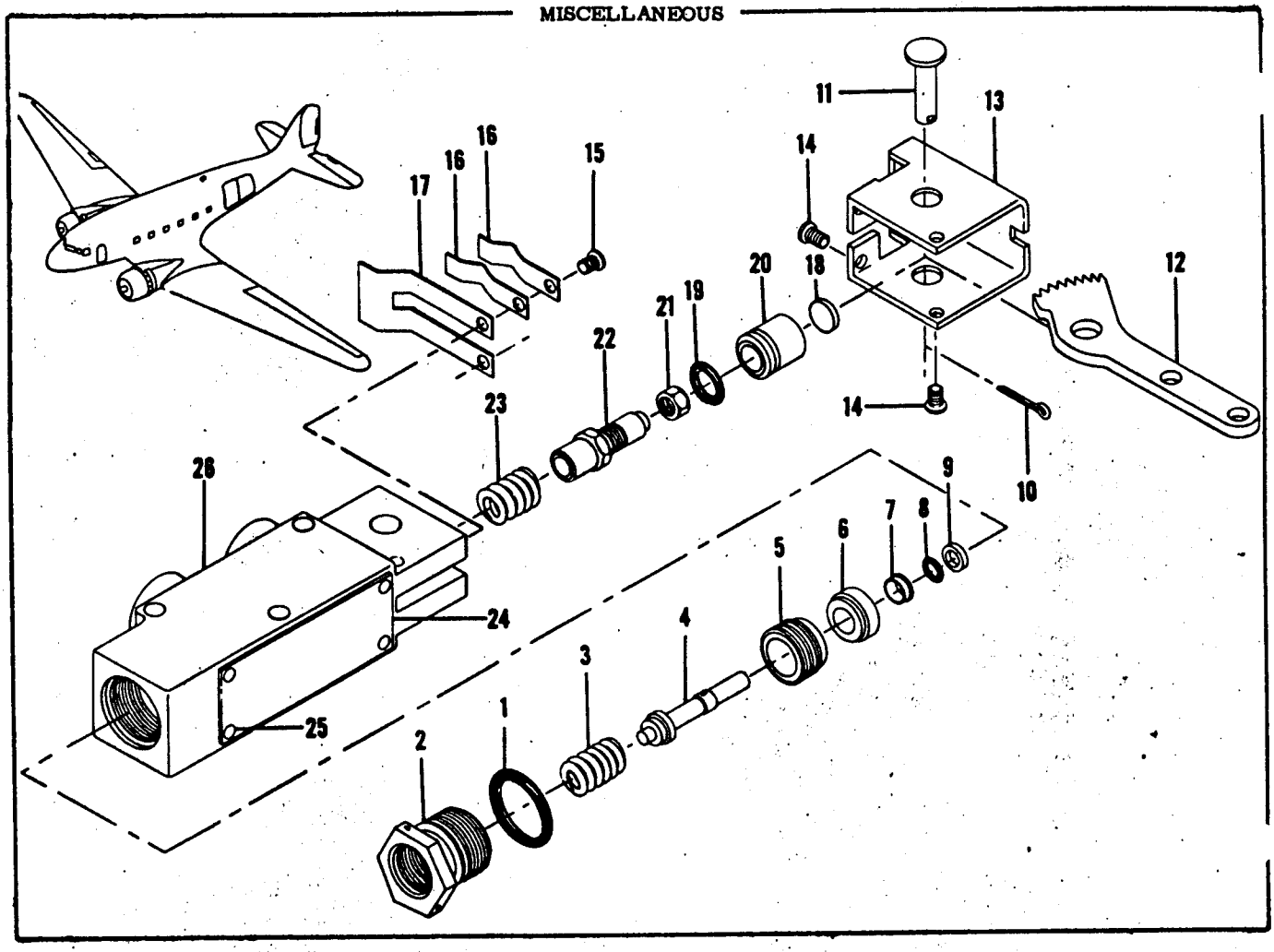

Figure 304. Valve Control

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
304 –	871621	VALVE CONTROL (33525) (SEE FIG. 303 FOR NHA) (SEE T.O. 1C-47-548)	REF	A
– 1	5278-0114	PACKING, PREFORMED (33525)	1	A
– 2	203347	PLUG (33525)	1	A
– 3	207424	SPRING VALVE (33525)	1	A
– 4	203479	CHECK (33525)	1	A
– 5	203350	RETAINER (33525)	1	A
– 6	207920	SEAT (33525)	1	A
– 7	203480	SLEEVE (33525)	1	A
– 8	5278-0007	PACKING, PREFORMED (33525)	1	A
– 9	207919	RING (33525)	1	A
– 10	1426-6205	PIN, COTTER (33525)	1	A
– 11	204810	PIN (33525)	1	A
– 12	241507	LEVER (33525)	1	A
– 13	241125	GUARD (33525)	1	A
		(ATTACHING PARTS)	1	A
– 14	1904-0404	SCREW (33525)	4	A
– 15	1904-0406	SCREW (33525)	2	A
– 16	206908	SPRING (33525)	4	A
– 17	206907	SPRING, RELEASE (33525)	1	A
– 18	204679	INSERT (33525)	1	A
– 19	5278-0011	PACKING, PREFORMED (33525)	1	A
– 20	204767	GUIDE, PLUNGER (33525)	1	A
– 21	204019	NUT, LOCK (33525)	1	A
– 22	800797	DISC AND STEM ASSY (33525)	1	A
	203270	DISC (33525)	1	A
	203476	STEM (33525)	1	A
– 23	207423	SPRING, VENT (33525)	1	A
– 24	208781	NAMEPLATE (33525)	1	A
		(ATTACHING PARTS)	1	A
– 25	1122-0203	SCREW, DRIVE (33525)	4	A
– 26	270618	BODY (33525)	1	A

FOR EXPLANATION OF CODING SEE FIG. 295

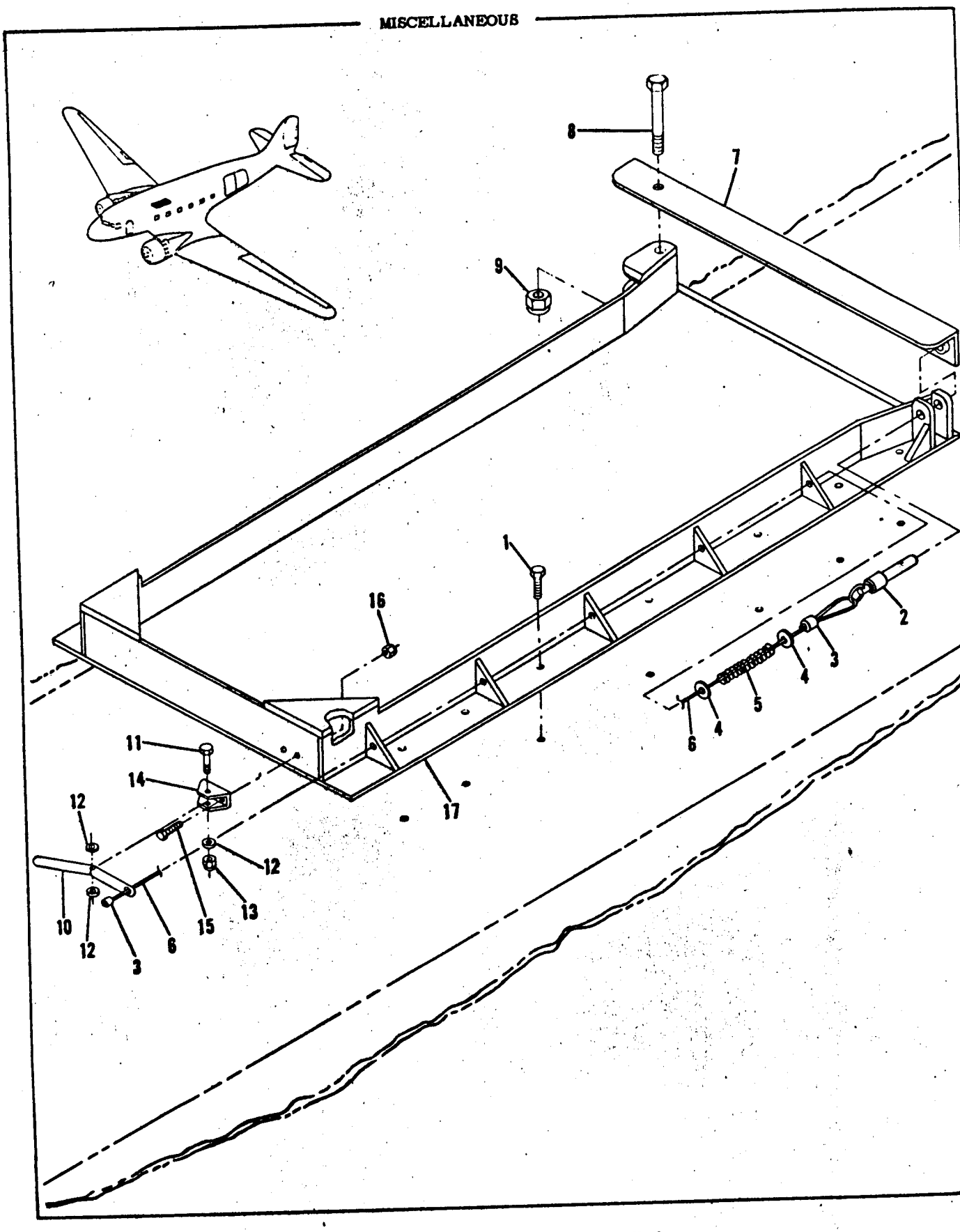

Figure 305. Flare Box Restraining Installation

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
305 -	9E01091	FLARE BOX RESTRAINING INSTL (SEE FIG. 295 FOR NHA) (SEE T.O. 1C-47-548)	REF	A
	9E01083	RESTRAINING ASSY, FLARE BOX (12339)	1	A
		(ATTACHING PARTS)		
- 1	AN4-7A	BOLT	14	A
		---→---		
- 2	MS17990C820	PIN	1	A
- 3	28-1C	SLEEVE, NICOPRESS OVAL (DON HORN CO., MEMPHIS, TENN.)	2	A
- 4	AN960C4	WASHER	2	A
- 5	9B01093	SPRING, COMPRESSION 1/4 IN. OD X 2 IN. LONG (12339)	1	A
- 6	7X7	CONTROL CABLE, AIRCRAFT 1/16 IN. DIA. PREFORMED (DON HORN CO., MEMPHIS, TENN.)	1	A
- 7	9D01087	GATE, FLARE BOX (12339)	1	A
		(ATTACHING PARTS)		
- 8	AN6-25A	BOLT	1	A
- 9	MS20365-624	NUT	1	A
		---→---		
- 10	9C01085	LEVER, KICK (12339)	1	A
		(ATTACHING PARTS)		
- 11	AN3-13A	BOLT	1	A
- 12	AN960C10	WASHER	3	A
- 13	MS20365-1032	NUT	1	A
		---→---		
- 14	9B01084	BRACKET (12339)	1	A
		(ATTACHING PARTS)		
- 15	AN3-5A	BOLT	2	A
- 16	MS20365-1032	NUT	2	A
		---→---		
- 17	9J01055	FIXTURE, FLARE BOX, RESTRAINING (12339)	1	A
		FOR EXPLANATION OF CODING SEE FIG. 295		

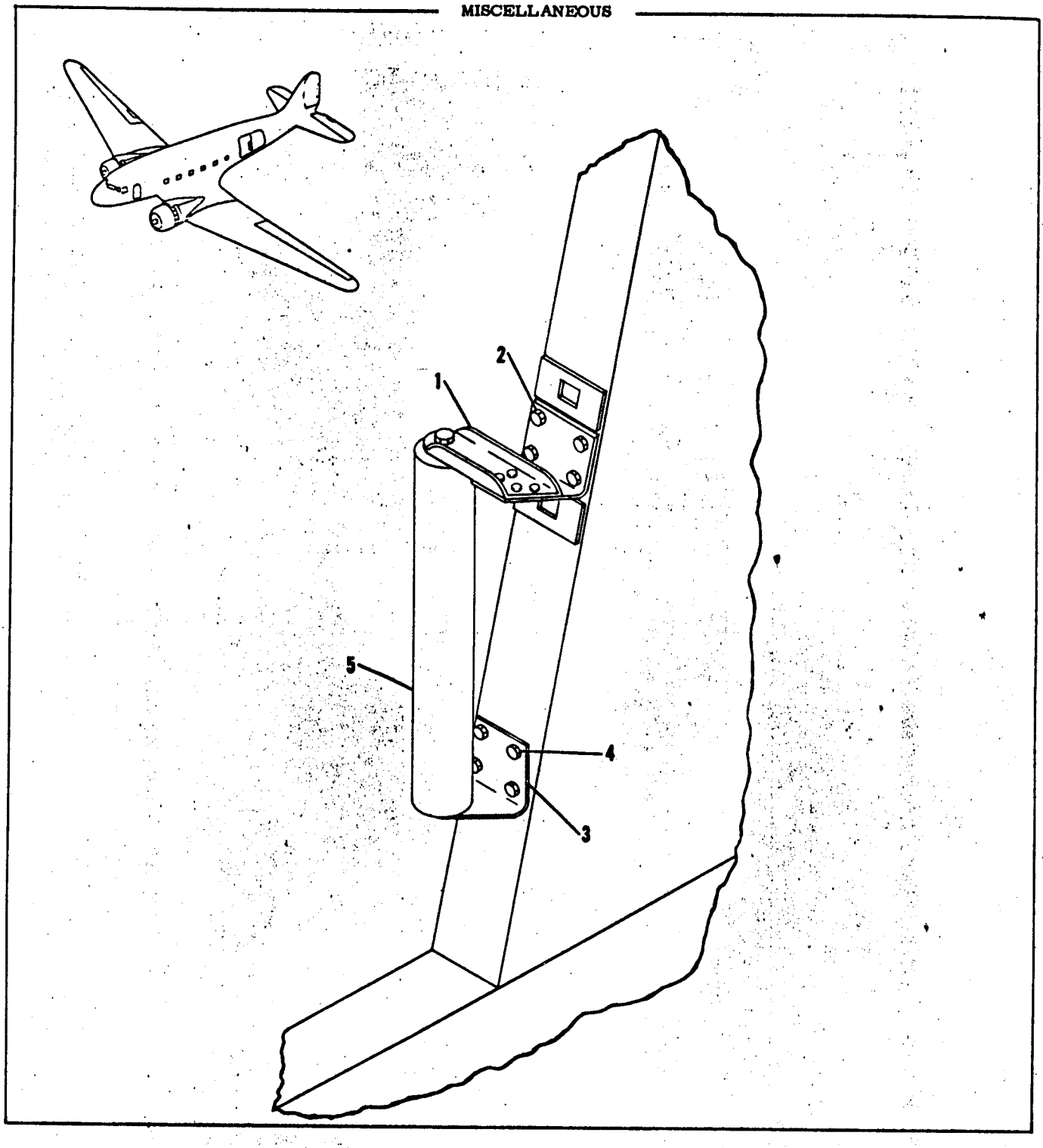

Figure 306. Roller Assembly Installation

FIGURE & INDEX NO.	PART NUMBER	1 2 3 4 5 6 7 DESCRIPTION	U/A	USE CODE
306 –	9E01092	ROLLER ASSY INSTL (SEE FIG. 295 FOR NHA) (SEE T.O. 1C-47-548)	REF	A
– 1	9D01089	BRACKET, UPPER (12339)	1	A
		(ATTACHING PARTS)		
– 2	AN4-6A	BOLT	4	A
	AN960C416L	WASHER	4	A
	MS20365-428A	NUT	4	A
– 3	9C01090	BRACKET, LOWER (12339)	1	A
		(ATTACHING PARTS)		
– 4	AN4-6A	BOLT	4	A
	AN960C416L	WASHER	4	A
	MS20365-428A	NUT	4	A
– 5	3323G	ROLLER (10114)	1	A
		FOR EXPLANATION OF CODING SEE FIG. 295		

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SECTION III

NUMERICAL INDEX

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES SOURCE	CODES RECOVER	CODES KIT
A-4981		183 - 18			
AA-8P		279 - 36			
AA-8R		279 - 37			
AAF0153316-10		195 - 53			
AAF34A2066		92 - 13			
AAF36A2212-1		270			
AAF36A2212-2		145 - 3			
AAF36A2212-3		270			
AAF39D3922		195 - 17			
AAF408374-4D		62 - 60			
AAF408887*******		(See last page of index)			
AAF408887*******		(See last page of index)			
AAF408887*******		(See last page of index)			
AAF408887*******		(See last page of index)			
AAF43D2474-6-154		123 - 41			
AAF43D2474-6-240		123			
AAF8-4-4RTD		146 - 33			
AAF811-0T4D		142 - 58			
AAF811-0T8D		114 - 8			
AAF811-6NS-CT		117			
AAF811-8NS-CT45		117			
AAF811CT12		97 - 7			
AAF811CT12		97 - 20			
AAF811CT4		112 - 40			
AAF811CT4D		142 - 59			
AAF811CT4D		146 - 27			
AAF811CT4D		146 - 39			
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AAF811CT8NS		110 - 68			
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AAF811CT8NS		114 - 82			
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AAF811FT4D		146 - 53			
AAF811FT4D		150 - 10			
AAF811FT4D		150 - 41			
AAF811FT6D		150 - 17			
AAF811FT6D		150 - 23			
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AAF811RT4D		146 - 18			
AAF811RT4D		150 - 14			
AAF811RT4D		150 - 37			
AAF811ST4D		146 - 46			
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AAF865-1		55 - 50			
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AC811CT12		99 - 24			
AC811CT12		99 - 36			
AC811CT12		101 - 11			
AC811CT12		101 - 12			
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AC811CT12		134 - 24			
AC811CT12		134 - 27			
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AC811CT4D		140 - 21			
AC811CT4D		140 - 58			
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AC811CT4D		148 - 17			
AC811CT4D		148 - 46			
AC811CT4D		232 - 13			
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AC811CT45-12		98 - 7			
AC811CT45-12		99 - 25			
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AC811CT45-12		101 - 10			
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AC811CT45-4D		90 - 11			
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AC811CT45-8D		218 - 52			
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AC811CT8D		90 - 1			
AC811CT8D		221 - 6			
AC811ET6		100 - 7			
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AC811FT4D		90			
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AC811FT4D		141 - 4			
AC811FT4D		144 - 15			
AC811FT4D		144 - 17			
AC811FT4D		144 - 25			
AC811FT4D		144 - 34			
AC811FT4D		148 - 14			
AC811FT4D		148 - 24			
AC811FT4D		148 - 34			
AC811FT4D		148 - 37			
AC811FT4D		148 - 40			
AC811FT4D		148 - 43			
AC811FT4D		148 - 50			
AC811FT4D		149			
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AC811FT6D		90 - 13			
AC811FT6D		132 - 12			
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AC811HT16D		110 - 5			
AC811HT4D		89 - 54			
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AC811HT6D		141 - 30			
AC811HT6D		141 - 41			
AC811HT8D		89 - 9			
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AC811HT8D		110 - 52			
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AC811JT4D		140 - 62			
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AC811JT4D		232 - 30			
AC811JT6D		141 - 31			
AC811JT8D		218 - 42			
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AN227-10B		212 - 5			
AN227-10B		212 - 17			
AN227-12B		209 - 51			
AN227-13B		208 - 15			
AN227-13B		212 - 40			
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AN227-26L		177 - 7			
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AN227-7B		212 - 15			
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AN227-8		285			
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AN227-9B		210 - 4			
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AN22787		285 - 10			
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AN23-10		225 - 40			
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AN23-10		226 - 48			
AN23-10		229 - 22			
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AN23-10		229 - 55			
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AN23-10A		8 - 57			
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AN23-10A		219 - 48			
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AN23-11		81A - 43			
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AN23-12		181 - 4			
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AN23-12		226 - 36			
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AN24-11A		24 - 14			
AN24-12		81 - 34			
AN24-12		82 - 8			
AN24-12		83 - 2			
AN24-12A		196 - 18			
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AN24-15		79 - 56			
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AN24-16		180 - 43			
AN24-17		79 - 28			
AN24-17		80 - 14			
AN24-17		87 - 10			
AN24-17		87 - 19			
AN24-17		181 - 16			
AN24-18		180 - 50			
AN24-18		180 - 56			
AN24-18		181 - 9			
AN24-20		87 - 4			
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AN25-14		82 - 10			
AN25-14		83 - 3			
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AN3-10		129 - 31			
AN3-10		130 - 1			
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AN3-10A		194 - 6			
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AN3-12A		193 - 11			
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AN3-14A		200 - 7			
AN3-14A		200 - 14			
AN3-14A		303 - 10			
AN3-14A		303 - 41			
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AN3-15A		160 - 28			
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AN3-23		79 - 8			
AN3-23A		178 - 10			
AN3-24		73 - 37			
AN3-24		123 - 34A			
AN3-24		219 - 9A			
AN3-27A		101 - 14			
AN3-27A		112 - 1B			
AN3-3A		59 - 37			
AN3-3A		180 - 18			
AN3-3A		279 - 19			
AN3-3A		296 - 4			
AN3-3A		297 - 51			
AN3-30		6A			
AN3-30		46 - 35			
AN3-30		75 - 94			
AN3-30		105 - 4			
AN3-30		129 - 3			
AN3-30A		73 - 51			
AN3-30A		75 - 93			
AN3-31A		98 - 26			
AN3-31A		177 - 16			
AN3-32		73 - 50			
AN3-36		41 - 45			
AN3-4		13			
AN3-4		30 - 20			
AN3-4		71 - 8			
AN3-4		72 - 12			
AN3-4		134 - 40			
AN3-4		289 - 14			
AN3-4A		3			
AN3-4A		3			
AN3-4A		6A - 14			
AN3-4A		13 - 67			
AN3-4A		13 -101			
AN3-4A		31 - 9			
AN3-4A		58 - 25			
AN3-4A		70 - 52			
AN3-4A		72			
AN3-4A		74 - 13			
AN3-4A		79 - 11			
AN3-4A		106 - 10			
AN3-4A		107 - 25A			
AN3-4A		107 - 39			
AN3-4A		109 - 36B			
AN3-4A		114 - 42A			
AN3-4A		128 - 51			
AN3-4A		160 - 8			
AN3-4A		163F- 12			
AN3-4A		178 - 17			
AN3-4A		183 - 30			
AN3-4A		192			
AN3-4A		219 - 11A			
AN3-4A		219 - 25A			
AN3-4A		228			
AN3-4A		267			
AN3-4A		279 - 41			
AN3-4A		282 - 10			
AN3-4A		283 - 9A			
AN3-4A		297			
AN3-4A		299 - 6			
AN3-4A		301 - 17			
AN3-4A		301 - 22			
AN3-4A		303 - 2			
AN3-4A		303 - 28			
AN3-41		194A - 12			
AN3-5		30 - 16			
AN3-5		60			
AN3-5		71 - 3A			
AN3-5		81A- 53			
AN3-5		91 - 37			
AN3-5		92 - 3			
AN3-5		107 - 56			
AN3-5		218 - 17			
AN3-5		243			
AN3-5		290 - 18			
AN3-5A		2 - 56			
AN3-5A		3 - 30D			
AN3-5A		3 - 30E			
AN3-5A		3 - 30G			
AN3-5A		6A			
AN3-5A		4 - 73			
AN3-5A		13 -102			
AN3-5A		16 - 72			
AN3-5A		30 - 26			
AN3-5A		41 - 5			
AN3-5A		58 - 23			
AN3-5A		62 - 35			
AN3-5A		73 - 56			
AN3-5A		73 - 75			
AN3-5A		74 - 3			
AN3-5A		75 - 62			
AN3-5A		76 - 1			
AN3-5A		76 - 60			
AN3-5A		101			
AN3-5A		105 - 11A			
AN3-5A		106 - 9			
AN3-5A		106 - 31			
AN3-5A		106 - 43			
AN3-5A		109 - 31A			
AN3-5A		117 - 45			
AN3-5A		117 - 84			
AN3-5A		129 - 43			
AN3-5A		132 - 30			
AN3-5A		134 - 47			
AN3-5A		156			
AN3-5A		192			
AN3-5A		194 - 8A			
AN3-5A		194 - 11A			
AN3-5A		199 - 29A			
AN3-5A		199			
AN3-5A		199			
AN3-5A		205 - 19			
AN3-5A		218 - 22A			
AN3-5A		218 - 60			
AN3-5A		227 - 30			
AN3-5A		233 - 49			
AN3-5A		237 - 33A			
AN3-5A		240 - 28A			
AN3-5A		240 - 36A			
AN3-5A		282 - 2			
AN3-5A		283 - 2			
AN3-5A		283 - 75B			
AN3-5A		301 - 19			
AN3-5A		301 - 24			
AN3-5A		303 - 5			
AN3-5A		303 - 23			
AN3-5A		305 - 15			
AN3-55A		76 - 51			
AN3-6		4 - 77			
AN3-6		4 - 83			
AN3-6		30 - 15			
AN3-6		30 - 21			
AN3-6		40 - 28			
AN3-6		41 - 19A			
AN3-6		41 - 47			
AN3-6		41 - 47A			
AN3-6		62 - 64			
AN3-6		75 - 75			
AN3-6		91 - 10			
AN3-6		91 - 15			
AN3-6		98 - 4			
AN3-6		229 - 38			
AN3-6		291 - 37			
AN3-6A		4 - 74			
AN3-6A		6A			
AN3-6A		7 - 21			
AN3-6A		13 -103			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	KIT
AN3-6A		31 - 16			
AN3-6A		41			
AN3-6A		41			
AN3-6A		41			
AN3-6A		58 - 20			
AN3-6A		73 - 44			
AN3-6A		74 - 55			
AN3-6A		79 - 12			
AN3-6A		83 - 35			
AN3-6A		86 - 31A			
AN3-6A		98 - 6A			
AN3-6A		103 - 19			
AN3-6A		103 - 24			
AN3-6A		108 - 40A			
AN3-6A		108			
AN3-6A		109			
AN3-6A		114 - 35A			
AN3-6A		123 - 34			
AN3-6A		125 - 2			
AN3-6A		132 - 60			
AN3-6A		192 - 34			
AN3-6A		192 - 39			
AN3-6A		279 - 54			
AN3-6A		282 - 9			
AN3-6A		283 - 63A			
AN3-6A		299 - 9			
AN3-6A		299 - 14			
AN3-6A		299 - 16			
AN3-6A		301 - 9			
AN3-6A		301 - 25			
AN3-60		73 - 71			
AN3-60A		73 - 72			
AN3-60A		77 - 12			
AN3-7		13 - 34			
AN3-7		108 - 48			
AN3-7		129 - 26			
AN3-7		291			
AN3-7A		58 - 17			
AN3-7A		73 - 57			
AN3-7A		73 - 76			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	KIT

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	KIT

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	USE
AN3-7A		98 - 25			
AN3-7A		129 - 23			
AN3-7A		130 - 38			
AN3-7A		1638			
AN3-7A		163B1-			
AN3-7A		163F- 14			
AN3-7A		181 - 28			
AN3-7A		192 - 6			
AN3-7A		200 - 1A			
AN3-7A		200 - 9A			
AN3-7A		200 - 12A			
AN3-7A		283			
AN3-7A		299 - 15			
AN3-7A		303 - 21			
AN3-80A		293 - 18			
AN3C4A		3-31A			
		9-30B			
AN3C11A		173 - 9			
AN3C14A		203 - 58			
AN3C15		183 - 23			
AN3C22A		103 - 36			
AN3C43A		176 - 10			
AN3C5A		188 - 2			
AN3DDH10		243 - 18A			
AN3D23		86 - 36			
AN3H4A		75 - 36			
AN3H6A		103 - 6			
AN3H6A		103 - 7			
AN3H7A		84A- 30			
AN30-29		203 - 34			
AN3022-1		274 - 19			
AN3022-1		274 - 21			
AN3022-1		275			
AN3022-1		275 - 10			
AN3022-1		275			
AN3022-2		266 - 86			
AN3022-2		269 - 3			
AN3022-2		269 - 23			
AN3022-2		273 - 15			
AN3022-2		274 - 22			
AN3022-2		274 - 27			
AN3022-2		274 - 45			
AN3022-2		274 - 47			
AN3022-2		275 - 6			
AN3022-2		275			
AN3022-3		184 - 3			
AN3022-3		274 - 44			
AN3022-38		268 - 79			
AN3022-7		274 - 25			
AN3022-8		270 - 24			
AN3023-2		145 - 39			
AN3023-2		147 - 49			
AN3023-2		149 - 40			
AN3023-2		152 - 35			
AN3023-2		152A - 35			
AN3023-2		274 - 46			
AN3023-2		278 - 17			
AN3025-300		184 - 30			
AN3034-1		275			
AN3C38-1		153 - 8			
AN3038-1		264 - 4			
AN3038-1		264 - 5			
AN3038-1		264 - 18			
AN3038-1		264			
AN3038-1		266 - 3			
AN3038-1		266 - 12			
AN3038-1		268 - 9			
AN3047-18		294 - 42			
AN3047-7		171 - 18			
AN3047-7		173 - 21			
AN3047-7		272 - 71			
AN3049		176 - 7			
AN3054-10		159			
AN3054-12		159			
AN3054-12		272			
AN3054-20		265			
AN3054-4		264			
AN3054-4		264			
AN3054-4		264			
AN3054-4		264			
AN3054-4		266 - 1A			
AN3054-4		266			
AN3054-4		270			
AN3054-4		271			
AN3054-6		143 - 46			
AN3054-6		145			
AN3054-6		147 - 33			
AN3054-6		149 - 9			
AN3054-6		151 - 5			
AN3054-6		152			
AN3054-6		152			
AN3054-6		152A			
AN3054-6		261			
AN3054-6		262			
AN3054-6		262 - 53			
AN3054-6		264			
AN3054-8		145 - 30A			
AN3054-8		147			
AN3054-8		149			
AN3054-8		151 - 41			
AN3054-8		152			
AN3054-8		152A			
AN3058-4		65 - 9			
AN3058-4		66 - 8			
AN3062		65 - 46			
AN3062-4		66 - 63			
AN3062-6		65 - 49			
AN3062-6		66 - 67			
AN3064-12		64 - 72			
AN3064-12		65 - 51			
AN3064-12		66 - 69			
AN3064-12		263 - 61			
AN3064-16		263 - 11			
AN3064-4		65 - 45			
AN3064-4		66 - 64			
AN3064-4		68 - 43			
AN3064-4		271			
AN3064-6		65 - 15A			
AN3064-6		65 - 48			
AN3064-6		66 - 13			
AN3064-6		66 - 66			
AN3066-12		64 - 71			
AN3066-12		65 - 50			
AN3066-12		66 - 68			
AN3066-12		263			
AN3066-12		263			
AN3066-16		263			
AN3066-4		65 - 10			
AN3066-4		65 - 44			
AN3066-4		66			
AN3066-4		66 - 62			
AN3066-4		68 - 42			
AN3066-6		65 - 15			
AN3066-6		65 - 47			
AN3066-6		66			
AN3066-6		66 - 65			
AN3092-2		269 - 44			
AN3093-1		269 - 45			
AN3093-2		264			
AN3093-3		264			
AN3093-4		264			
AN3096-4		272 - 5			
AN3096-5		268 - 73			
AN3096-5		272 - 3			
AN3096-6		272 - 4			
AN310-10		126 - 24A			
AN310-14		121 - 66A			
AN310-2		87 - 42			
AN310-3		4 - 54			
AN310-3		4 - 59			
AN310-3		4 - 68			
AN310-3		4 - 78			
AN310-3		4 - 81			
AN310-3		4 - 84			
AN310-3		6A			
AN310-3		10 - 24			
AN310-3		13 - 32			
AN310-3		13			
AN310-3		13 - 69			
AN310-3		21 - 6A			
AN310-3		30 - 16B			
AN310-3		30 - 20A			
AN310-3		30 - 22A			
AN310-3		39 - 6			
AN310-3		40			
AN310-3		41 - 17A			
AN310-3		41 - 19B			
AN310-3		41 - 33A			
AN310-3		41 - 37A			
AN310-3		41 - 41A			
AN310-3		41 - 46A			
AN310-3		41 - 48A			
AN310-3		41 - 52			
AN310-3		41 - 54			
AN310-3		44 - 6A			
AN310-3		46 - 6			
AN310-3		46 - 32			
AN310-3		46 - 38			
AN310-3		46 - 70			
AN310-3		49 - 11			
AN310-3		49 -10B			
AN310-3		62 - 62			
AN310-3		64 - 51			
AN310-3		64 - 60			
AN310-3		65 - 18			
AN310-3		65 - 68			
AN310-3		71 - 3			
AN310-3		72 - 11			
AN310-3		73 - 46			
AN310-3		79 - 3			
AN310-3		81A- 51			
AN310-3		86 - 36A			
AN310-3		86 - 43A			
AN310-3		86 - 47A			
AN310-3		91 - 8			
AN310-3		91 - 13			
AN310-3		91 - 21			
AN310-3		91 - 33			
AN310-3		92 - 1A			
AN310-3		93 - 22			
AN310-3		98 - 48			
AN310-3		101 - 35			
AN310-3		103			
AN310-3		103			
AN310-3		105 - 58			
AN310-3		106			
AN310-3		106			
AN310-3		107 - 61			
AN310-3		108 - 4			
AN310-3		119 - 1			
AN310-3		123 - 33A			
AN310-3		128			
AN310-3		128			
AN310-3		129 - 5			
AN310-3		129 - 12			
AN310-3		129 - 28			
AN310-3		129 - 32			
AN310-3		134 - 37			
AN310-3		134 - 41			
AN310-3		180			
AN310-3		180			
AN310-3		180			
AN310-3		180			
AN310-3		193 - 34A			
AN310-3		200 - 17			
AN310-3		204			
AN310-3		218			
AN310-3		229 - 40			
AN310-3		230 - 2A			
AN310-4		2 - 31			
AN310-4		4 - 67			
AN310-4		6A			
AN310-4		13 - 38			
AN310-4		13 - 47			
AN310-4		13 - 74			
AN310-4		13 - 89			
AN310-4		25 - 1B			
AN310-4		30 - 14A			
AN310-4		40 - 1			
AN310-4		44 - 16A			
AN310-4		46 - 16			
AN310-4		46 - 21			
AN310-4		46 - 62			
AN310-4		47 - 11			
AN310-4		63 - 8			
AN310-4		66			
AN310-4		68 - 12			
AN310-4		71 - 1			
AN310-4		72 - 1			
AN310-4		76 - 41			
AN310-4		79 - 60			
AN310-4		81A- 47			
AN310-4		83 - 20E			
AN310-4		86 - 32A			
AN310-4		86 - 41A			
AN310-4		87 - 44			
AN310-4		94 - 15			
AN310-4		106			
AN310-4		107 - 47B			
AN310-4		121 - 41A			
AN310-4		121 - 50A			
AN310-4		126 - 10C			
AN310-4		128			
AN310-4		142			
AN310-4		177			
AN310-4		180			
AN310-4		180			
AN310-4		181			
AN310-5		3			
AN310-5		6 - 14			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	KIT
AN310-5		9 -			
AN310-5		31 - 28			
AN310-5		38 - 4			
AN310-5		01A - 23			
AN310-5		83 - 9B			
AN310-5		229 - 30			
AN310-5		282 - 7			
AN310-6		3			
AN310-6		6A			
AN310-6		13 - 43			
AN310-6		13 - 78			
AN310-6		79 - 46			
AN310-6		80 - 26			
AN310-6		81 - 15			
AN310-6		82 - 46			
AN310-6		121 - 64A			
AN310-6		123 - 28A			
AN310-6		129 - 60			
AN310-7		6A			
AN310-7		111 - 15			
AN310-7		123 - 28			
AN310-7		123 - 38			
AN310-7		129 - 59			
AN310-8		16 - 59			
AN310-8		40 - 10			
AN310-8		86 - 15			
AN310-8		126 - 2A			
AN310-9		126 - 3A			
AN3100S		225 - 12			
AN3100S		226 - 35A			
AN3100F12S4P		68			
AN3108-10SL4S		264			
AN3110-4		273 - 31A			
AN3116-1		264 - 33			
AN3116-1		266 - 18			
AN3121-1818		264			
AN3124SB307		294 - 45			
AN3136-1		147 - 28			
AN3136-1		149 - 18			
AN3136-323		151 - 31			
AN315-3L		17 - 27			
AN315-3L		193 - 30			
AN315-3L		205 - 17			
AN315-3R		17 - 25			
AN315-3R		18 - 9			
AN315-3R		24 - 66			
AN315-3R		111 - 4			
AN315-3R		128			
AN315-3R		167U - 18			
AN315-3R		167V - 20			
AN315-3R		181 - 37			
AN315-3R		193 - 7A			
AN315-3R		193 - 32			
AN315-3R		230 - 16B			
AN315-3R		266 - 37			
AN315-3R		270 - 1			
AN315-4R		174 - 3			
AN315-4R		194 - 20			
AN315-5R		2 - 40			
AN315-6R		128 - 43			
AN315-6R		202 - 15			
AN315-6R		205 - 34			
AN315-7R		143 - 5			
AN315D3R		230 - 16A			
AN315D4		182			
AN3155-25-11		172 - 37			
AN3155-25-11		184 - 9			
AN3155-25-25		153 - 50			
AN3155-25-25		176 - 29			
AN3155-25-50		167F-41			
AN3155-25-50		167F-69			
AN3155-25-50		293 - 8			
AN3155-50-15C		155 - 3			
AN3155-50-50		155 - 34			
AN316-10R		123 - 31			
AN316-10R		124 - 2			
AN316-10R		141			
AN316-3R		126 - 16A			
AN316-4		129 - 48			
AN316-4L		41 - 26			
AN316-4L		41 - 30			
AN316-4L		91 - 11			
AN316-4R		24 - 38			
AN316-4R		24 - 57			
AN316-4R		25 - 15			
AN316-4R		28 - 13			
AN316-4R		40 - 20			
AN316-4R		41 - 28			
AN316-4R		41 - 31			
AN316-4R		46 - 72			
AN316-4R		51 - 51			
AN316-4R		73 - 31			
AN316-4R		74 - 20			
AN316-4R		77 - 36			
AN316-4R		78 - 62			
AN316-4R		82 - 33			
AN316-4R		82 - 35			
AN316-4R		108 - 2			
AN316-4R		109 - 51			
AN316-4R		130 - 7			
AN316-4R		179			
AN316-4R		180			
AN316-4R		219 - 5			
AN316-4R		225 - 3			
AN316-4R		225 - 22			
AN316-4R		225 - 32			
AN316-4R		225 - 51			
AN316-4R		226 - 2			
AN316-4R		226 - 11			
AN316-4R		226 - 25			
AN316-4R		226 - 41			
AN316-4R		226 - 50			
AN316-4R		229 - 13			
AN316-5		77 - 44			
AN316-5L		79 - 67			
AN316-5L		87 - 47			
AN316-5L		165 - 42			
AN316-5R		13 - 86			
AN316-5R		46 - 64			
AN316-5R		71 - 20			
AN316-5R		79 - 66			
AN316-5R		87 - 5			
AN316-5R		87 - 49			
AN316-5R		106 - 54			
AN316-5R		108 - 6			
AN316-5R		111 - 7			
AN316-5R		130 - 54			
AN316-5R		41 - 21			
AN316-6R		44 - 14			
AN316-6R		87 - 30			
AN316-6R		88 - 6			
AN316-6R		90 - 61			
AN316-6R		106 - 16			
AN316-6R		106 - 41			
AN316-6R		181 - 35			
AN316-8L		87 - 64			
AN316-8R		77 - 80			
AN316-8R		79 - 71			
AN316-8R		87 - 63			
AN316-8R		119 - 6			
AN316-8R		120 - 7			
AN316-8R		243 - 67			
AN316C4R		182 - 12			
AN3160		171 - 6			
AN3160-10		163 - 8			
AN3160-10		163			
AN3160-10		264 - 27			
AN3160-10		277 - 34			
AN3160-10		278 - 23			
AN3160-10		278			
AN3160-10		278 - 32			
AN3160-10		163			
AN3160-15		271 - 7			
AN3160-15		278 - 26			
AN3160-15		163			
AN3160-20		278 - 24			
AN3160-20		278			
AN3160-20		278			
AN3160-25		163			
AN3160-35		263 - 64			
AN3160-35		278 - 22			
AN3160-35		278			
AN3160-35		163 - 9			
AN3160-5		163 - 16			
AN3160-5		262A- 33			
AN3160-5		277 - 25			
AN3160-5		278 - 25			
AN3160-5		278			
AN3160-5		278 - 29			
AN3160-5		278 - 35			
AN3160-50		163 - 10			
AN3160-50		163			
AN3160-50		278 - 27			
AN3168-2		179 - 11			
AN320-10		123 - 22			
AN320-10		126 - 32A			
AN320-10		203 - 33A			
AN320-12		121 - 36A			
AN320-12		123 - 52			
AN320-12		126 - 33A			
AN320-14		126 - 49A			
AN320-20		121 - 26			
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AN526-1032R18		35 - 51			
AN526-1032R18		239 - 74			
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AN526-1032R30		33 - 8			
AN526-1032R30		33 - 63			
AN526-1032R8		159A- 5			
AN526-1032R8		159A-			
AN526-1032R9		153 - 54			
AN526-1032R9		158 - 16			
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AN530-8-5		266 - 81A			
AN530-8-7		278 - 7A			
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AN530-8R4		192 - 53			
AN530-10R8		294 -			
AN531-4R4		195 - 54			
AN531-4R8		211			
AN531-8R10		208 - 20			
AN545-10R10		178 - 9			
AN545-10R8		214 - 4			
AN545-4R4		214			
AN545-4R5		178 - 24			
AN545-6-5		216 - 9			
AN545-6R5		217			
AN545-8-3		231 - 3			
AN545-8R3		197			
AN545-8R4		211			
AN545-8R4		214 - 1			
AN545-8R6		212			
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AN550-10R5		214 - 5			
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AN550-6R3		35 - 9A			
AN550-8R4		197			
AN550-8R6		176 - 41			
AN550B3R3		213 - 87			
AN550B3R5		213 - 81			
AN5525-1		64 - 22			
AN5525-1		66 - 15			
AN5525-1		165 - 17			
AN5525-1		171 - 27			
AN5525-1		264			
AN5525-1		264			
AN5525-1		266 - 1			
AN5525-2		64 - 28			
AN5525-2		65 - 54			
AN5525-2		66 - 19			
AN5530-2		151 - 22			
AN5530-2		152 - 22			
AN5530-2		152A - 22			
AN5530-2		166 - 61			
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AN5536T2A		152A- 27			
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AN5539-2		65 - 27			
AN5539-2		66 - 46			
AN565A4-4		93 - 30			
AN565A4-5		93 - 31			
AN565A4-8		101 - 25			
AN565A4-8		105 - 19			
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AN56585-3		183 - 32			
AN5730-2A		143 - 51			
AN5730-2A		143 - 59			
AN5730-2A		143 - 67			
AN5730-2A		152B- 1			
AN5730-2B		145 - 1A			
AN5730-2B		147 - 4			
AN5730-2B		149 - 12			
AN5730-2B		151 - 8			
AN5730-2B		174 - 16			
AN5730-3		261 - 30			
AN5730-7		152 - 2			
AN5730-7		152A - 2			
AN5733-1		165 - 22			
AN5735-1		147 - 6			
AN5735-1		151 - 9			
AN5735-1		152B- 5			
AN5735-1		166 - 3			
AN5735-2A		152 - 6			
AN5735-2A		152A - 6			
AN5736-1		145 - 7			
AN5736-1		149 - 5			
AN5736-1		151 - 11			
AN5736-1		152 - 9			
AN5736-1		152A - 9			
AN5736-1		152B- 8			
AN5736-1		166 - 80			
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AN5738-1		197 - 59			
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AN5743-1		166 - 3			
AN5743-2		149 - 2			
AN5743-2		151 - 1			
AN5743-2		152 - 8			
AN5743-2		152A - 8			
AN5743-2		174 - 26			
AN5760-2		151 - 3			
AN5760-2A		152 - 5			
AN5760-2A		152A - 5			
AN5760T2A		152B- 18			
AN5760T2A		152B- 43			
AN5770-2		149 - 19			
AN5770-2-12		152B- 32			
AN5770-2		166 - 65			
AN5771-3		152 - 30			
AN5771-3		152A - 30			
AN5771-3		152B- 28			
AN5771-6		152 - 31			
AN5771-6		152A - 31			
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AN5772-1		152B- 30			
AN5772-2-12		152B- 31			
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AN5790-6		149 - 25			
AN5790-6		151 - 38			
AN5790-6		152 - 32			
AN5790-6		152A - 32			
AN5790-6		152B- 23			
AN5790-6		166 - 31			
AN5795-6		145 - 2			
AN5795-6		147 - 36			
AN5795-6		149 - 27			
AN5795-6		149			
AN5795-6		151 - 39			
AN5795-6		151			
AN5795-6		152 - 26			
AN5795-6		152			
AN5795-6		152A - 26			
AN5795-6		166 - 41			
AN5795-6		166 - 49			
AN5795T6A		152B- 19			
AN5795T6A		152B- 21			
AN5800-1		151 - 33			
AN5800-1		152 - 1			
AN5800-1		152A - 1			
AN5800-2		142 - 1			
AN5800-2		143 - 43			
AN5800-2		145 - 29			
AN5800-2		147 - 11			
AN5800-2		149 - 1			
AN5800-4		143 - 65			
AN5802-1		181 - 32			
AN6814-2		142 - 88			
AN5820-1		151 - 13			
AN5820-1		152 - 3			
AN5820-1		152A - 3			
AN5820-1		152B- 44			
AN5820-1		166 - 35			
AN5822-1		90 - 34			
AN5822-1		142 - 48			
AN5825-1		152B- 39			
AN5829-1		150 - 27			
AN5829-1		228 - 86			
AN5829-2		144 - 16			
AN5829-2		146 - 9			
AN5831-1		150 - 42			
AN5831-1A		144 - 37			
AN5832-2		150 - 55			
AN5861-2		148 - 3			
AN5861-2		152 - 4			
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AN6-25		3 - 30M			
AN6-25A		305 - 8			
AN6-26		50 - 28			
AN6-25A		3			
AN6-30A		185 - 2			
AN6-34		81 - 13			
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AN6004-1		232 - 25			
AN6004-1		236 - 40			
AN6004-1		238 - 42			
AN6004-1		239 - 20			
AN6004-1		239 - 32			
AN6004-1		239 - 51			
AN6004-1		239 - 72			
AN6004-1		241 - 16			
AN6004-1		241 - 25			
AN6009-2A		242 - 16			
AN6009-2A		243 - 16			
AN6009-2A		243 - 17			
AN6009-2A		243 - 34			
AN6021-1		239 - 8			
AN6021-1		239 - 65			
AN6021-1		243 - 59			
AN6021-1A		176 - 13			
AN6021-1A		241 - 9			
AN6024-3		240 - 38			
AN6024-3		241 - 69			
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AN6029-1		176 - 14			
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AN6029-1		238 - 3			
AN6029-1		238 - 32			
AN6029-1		238 - 48			
AN6029-1		238 - 56			
AN6029-1		239 - 7			
AN6029-1		239 - 33			
AN6029-1		239 - 55			
AN6029-1		239 - 66			
AN6029-1		241 - 8			
AN6029-1A		232 - 26			
AN6029-1A		236 - 41			
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AN6225-12		111 - 37			
AN6226-52		111 - 33			
AN6227-11		297 - 1			
AN6227-11		297 - 4			
AN6227-11		297 - 32			
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AN6227-11		297 - 44			
AN6227-13		297 - 9			
AN6227-13		297 - 12			
AN6227-13		297 - 17			
AN6227-13		297 - 20			
AN6227-7		108 - 27			
AN6227B11		287 - 30			
AN6227B12		287 - 28			
AN6227B13		287 - 23			
AN6227B15		120 - 29			
AN6227B15		287 - 26			
AN6227B16		124 - 7			
AN6227B16		287 - 32			
AN6227B17		287 - 31			
AN6227B18		124 - 9			
AN6227B18		287 - 33			
AN6227B22		125 - 55			
AN6227B22		287 - 39			
AN6227B23		287 - 29			
AN6227B27		125 - 47			
AN6227B27		287 - 21			
AN6227B27		287 - 37			
AN6227B29		120 - 38			
AN6227B29		287 - 27			
AN6227B31		124 - 23			
AN6227B31		287 - 34			
AN6227B33		125 - 60			
AN6227B33		287 - 40			
AN6227B37		125 - 50			
AN6227B37		287 - 38			
AN6227B7		287 - 22			
AN6227B8		287			
AN6230-6		120 - 18			
AN6230-7		124 - 12			
AN6233-4		120 - 16			
AN6270-2		148			
AN6270-4-13		183 - 53			
AN6287-1		113 - 12			
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AN665-21L		17 - 26			
AN665-21L		193 - 29			
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AN665-21R		193 - 31			
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AN737TW34-38		48A- 26			
AN737TW34-38		48A- 27			
AN737TW34-38		59 - 21			
AN737TW44-46		59 - 15			
AN737TW44-46		63 - 13			
AN737TW44-46		63 - 15			
AN737TW44-46		63 - 19			
AN737TW44-46		93 - 7			
AN737TW44-46		39 - 16			
AN737TW44-48		59 - 23			
AN737TW44-48		176 - 21			
AN737TW58-66		39 - 11			
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AN737TW74-82		178 - 6			
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AN737TW74-82		231 - 54			
AN737TW74-82		265 - 13			
AN744A4		134 - 46			
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AN741T9		66 - 74			
AN741T9P		182 - 2			
AN742D10		65 - 3			
AN742D10		66 - 11			
AN742D10		66 - 24			
AN742D10		66			
AN742D10		66 - 30			
AN742D11		161 - 13			
AN742D12		65 - 16			
AN742D12		66 - 21			
AN742D12		66			
AN742D16		65 - 17			
AN742D16		66 - 22			
AN742D16		66			
AN742D8		65 - 2			
AN742D8		66 - 2			
AN742D8		66			
AN742D8		66 - 10			
AN742D8		66 - 18			
AN742D8		66			
AN742D8		153			
AN742D8		195 - 10			
AN742D8		279 - 5			
AN743-10		60			
AN743-12		167U - 41			
AN743-12		167V - 42			
AN743-6		60 - 24			
AN746-13		220 - 4			
AN746-13		223			
AN745-15		220 - 2			
AN746-5		228 - 75			
AN746-5		228 - 81			
AN748-24		132 - 13			
AN748-24		228 - 68			
AN748-38		117 - 39			
AN748-66		227 - 2			
AN748-66		227 - 4			
AN748-66		227 - 24			
AN748-74		266			
AN748-91		226 - 56			
AN750F5		74 - 11			
AN8-13A		127 - 3A			
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AN8-47		40 - 12			
AN8008-10		142 - 16			
AN8008-9		142 - 17			
AN8008D1		143 - 55			
AN8008D1		143 - 62			
AN8008D1		165 - 53			
AN8008D1		173 - 34			
AN8008D1		261 - 33			
AN8008D10		142			
AN8008D31		173 - 7			
AN8008D4		174 - 35			
AN8008D5		174 - 37			
AN8008D9		142			
AN8008M1		143 - 70			
AN8013-1		174			
AN8013-2		174			
AN8013-2		176			
AN801301		165			
AN801301		173			
AN801303		175			
AN8018-1		195 - 1			
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AN8020		195 - 2			
AN806-8		69 - 8			
AN811MT4C		61 - 30			
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AN815-10		70 - 23			
AN815-10		70 - 29			
AN815-12D		105A - 35			
AN815-16		59 - 42			
AN815-16D		105A - 37			
AN815-20		107 - 7			
AN815-24		59 - 35			
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AN815-4		48 - 20			
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AN815-4D		150			
AN815-4D		183 - 52			
AN815-4D		228 - 71			
AN815-5D		233 - 34			
AN815-5D		233 - 52			
AN815-5D		234 - 26			
AN815-5D		236 - 8			
AN815-5D		236 - 28			
AN815-5D		236 - 56			
AN815-5D		237 - 1			
AN815-5D		237 - 20			
AN815-5D		239 - 24			
AN815-5D		239 - 37			
AN815-5D		239 - 44			
AN815-5D		240 - 1			
AN815-5D		241 - 39			
AN815-5D		242 - 8			
AN815-5D		242 - 21			
AN815-5D		243 - 24			
AN815-5D		243 - 27			
AN815-5D		243 - 31			
AN815-5D		243 - 47			
AN815-8		69 - 12			
AN815-8D		243 - 63			
AN816-10		70 - 59			
AN816-16		205 - 27			
AN816-2D		143 - 38			
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AN816-4		60 - 4			
AN816-4		60 - 28			
AN816-4		132 - 27			
AN816-4D		150 - 53			
AN816-4D		183 - 54			
AN816-5		234 - 21			
AN816-5-4D		183 - 3			
AN816-5D		183 - 6			
AN816-5D		232 - 21			
AN816-5D		236 - 35			
AN816-5D		236 - 49			
AN816-5D		238			
AN816-5D		238 - 23			
AN816-5D		242 - 14			
AN816-5D		242 - 46			
AN816-5D		243 - 12			
AN816-5D		243 - 35			
AN816-5D		243 - 52			
AN816-5D		243 - 68			
AN821-10		70 - 58			
AN821-16D		105A - 51			
AN821-5D		240 - 4			
AN821-5D		242 - 4			
AN822-25		107 - 23			
AN823-4D		228 - 79			
AN824-16D		105A - 38			
AN824-24D		105A - 39			
AN824-4		60 - 30			
AN824-5D		233 - 13			
AN824-5D		233 - 21			
AN824-5D		233 - 35			
AN824-5D		234 - 23			
AN824-5D		235 - 15			
AN824-5D		236 - 6			
AN824-5D		236 - 15			
AN824-5D		236 - 20			
AN824-5D		236 - 44			
AN824-5D		237 - 16			
AN824-5D		238 - 13			
AN824-5D		238			
AN824-5D		238 - 43			
AN824-5D		238 - 46			
AN824-5D		239 - 19			
AN824-5D		239 - 48			
AN824-5D		240 - 11			
AN824-5D		241 - 15			
AN824-5D		242 - 6			
AN824-5D		242 - 24			
AN824-5D		243 - 22			
AN824-5D		243 - 29			
AN824-5D		243 - 42			
AN824-5D		243 - 57			
AN825-4D		228 - 67			
AN825-4T		59 - 50			
AN826-4		48 - 22			
AN826-4		132 - 28			
AN826-5D		241 - 47			
AN827-5D		240 - 10			
AN827-5D		242 - 27			
AN827-5D		242 - 38			
AN832-10		70 - 37			
AN832-12		104 - 3			
AN832-12		190 - 4			
AN832-4		60 - 32			
AN832-4		104 - 5			
AN832-4D		104 - 18			
AN832-4D		105 - 35			
AN832-4D		105 - 49			
AN832-4D		108 - 25			
AN832-8		183 - 16			
AN833-2D		107 - 8			
AN833-4		61 - 18			
AN833-4		62 - 18			
AN833-4D		108 - 24			
AN833-4D		141 - 3			
AN833-5D		183 - 5			
AN833-5D		233 - 42			
AN833-5D		236 - 10			
AN833-5D		243 - 66			
AN834-4D		167H - 14			
AN834-4D		167H - 25			
AN834-5D		240 - 24			
AN837-10		70 - 13			
AN837-12D		117 - 48			
AN837-4		48 - 8			
AN837-4		60 - 16			
AN840-12		100 - 27			
AN840-12D		63 - 24			
AN840-16D		63 - 23			
AN840-16D		63			
AN840-4		61 - 24			
AN840-4		62 - 22			
AN840-4D		183 - 10			
AN840-8		48A- 17			
AN840-8		48A- 39			
AN840-8		107 - 148			
AN842-16D		39 - 25			
AN842-20		107 - 20			
AN842-4		60 - 68			
AN842-6		132 - 17			
AN842-6		218 - 57			
AN842-8D		142 - 46			
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AN844-16D		39			
AN844-4		48 - 1			
AN844-4		99 - 23			
AN844-4D		228 - 83			
AN844-6		144 - 12			
AN844-6		148 - 6			
AN844-6D		146 - 22			
AN844-6D		146 - 36			
AN844-8		60 - 62			
AN859-25		188 - 44			
AN872-1		22 - 2			
AN882-16-11		214 - 34			
AN884-10-12		131 - 6			
AN884-10-12		133 - 24			
AN884-10-12		134 - 2			
AN884-10-12		139 - 37			
AN884-12-12		100 - 17			
AN884-12-12		133 - 5			
AN884-12-12		133 - 44			
AN884-12-12		134 - 12			
AN884-12-12		134 - 18			
AN884-12-12		139 - 30			
AN884-12-16		117 - 40			
AN884-14-12		93 - 6			
AN884-4-12		99 - 19			
AN884-4-12		110			
AN884-4-12		137 - 2			
AN884-6-12		100 - 11			
AN884-6-12		110			
AN884-6-12		132 - 14			
AN893-2D		167H - 18			
AN893-2D		167H - 29			
AN9-15		126 - 5			
AN9-17		126 - 4			
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AN912-8		61 - 13			
AN912-8		61			
AN912-8		62 - 8			
AN912-8		62 - 13			
AN912-8D		142 - 47			
AN914-1		132 - 42			
AN914-1		137 - 14			
AN914-2		114			
AN914-3		48A - 18A			
AN914-3		48A - 40A			
AN914-3		61 - 8			
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AN914-3		115 - 2			
AN914-3		125 - 12			
AN914-3		218 - 58			
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AN914-6		60			
AN915-4D		70 - 25			
AN915-6		70 - 68			
AN917-2		132 - 38			
AN918-1		46 - 27			
AN919-11		69 - 14			
AN919-23D		105A - 36			
AN919-27D		105A - 40			
AN919-6		60 - 6			
AN919-6		60 - 9			
AN924-10		70 - 38			
AN924-12		59 - 45			
AN924-12		104			
AN924-12		140 - 5			
AN924-12D		117 - 50			
AN924-16		104			
AN924-20		107 - 8A			
AN924-20D		140 - 10			
AN924-4		48 - 6			
AN924-4		59 - 53			
AN924-4		60			
AN924-4		60			
AN924-4		60			
AN924-4		60			
AN924-4		60			
AN924-4		61 - 17			
AN924-4		62 - 18A			
AN924-4		104			
AN924-4D		104 - 19			
AN924-4D		105 - 36			
AN924-4D		105 - 50			
AN924-4D		141			
AN924-5D		183			
AN924-5D		240 - 22			
AN924-6		60 - 11			
AN924-6D		123 - 46			
AN924-8		183			
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AN929-5		242 - 42			
AN929-5		243 - 79			
AN929-8		114 - 81A			
AN929-8		114 - 81D			
AN930A616		99 - 32			
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AN932-3		119 - 13			
AN932-3		120 - 14			
AN932-4		119 - 30			
AN932-5		126 - 40			
AN932C3		90 - 39			
AN932C4		90 - 40			
AN935-416		108 - 28A			
AN935-8L		158			
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AN936C10		108 - 26			
AN940-316		43 - 12A			
AN940-316		270 - 32A			
AN940-8		97 - 29A			
AN940-9		192			
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AN955-5		77 - 47A			
AN955-6		70 - 76			
AN960-10		4 - 53			
AN960-10		12			
AN960-10		13 - 33			
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AN960-10		16 - 73			
AN960-10		19 - 20			
AN960-10		21 - 3A			
AN960-10		22 - 17			
AN960-10		27			
AN960-10		28			
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AN960-10		33 - 30			
AN960-10		33 - 41			
AN960-10		33 - 49			
AN960-10		39 - 14			
AN960-10		41 - 52A			
AN960-10		41 - 54A			
AN960-10		42 - 18B			
AN960-10		43 - 8A			
AN960-10		43 - 20B			
AN960-10		46 - 5			
AN960-10		46 - 11			
AN960-10		46 - 69			
AN960-10		47 - 4			
AN960-10		48			
AN960-10		59 - 11			
AN960-10		59 - 38			
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AN960-10		60 - 18A			
AN960-10		60 - 22A			
AN960-10		60 - 42			
AN960-10		60 - 47A			
AN960-10		60 - 53A			
AN960-10		60			
AN960-10		61 - 2			
AN960-10		62 - 2			
AN960-10		62 - 26			
AN960-10		63 - 2			
AN960-10		68 - 6			
AN960-10		70 - 4			
AN960-10		70 - 31			
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AN960-10		70 - 51			
AN960-10		70 - 55			
AN960-10		74 - 2			
AN960-10		81 - 21			
AN960-10		81A- 36			
AN960-10		81A- 42			
AN960-10		81A- 52			
AN960-10		85 - 9			
AN960-10		85 - 28			
AN960-10		90 - 64			
AN960-10		91 - 9			
AN960-10		91 - 14			
AN960-10		91 - 22			
AN960-10		91 - 34			
AN960-10		93 - 23			
AN960-10		98 - 4A			
AN960-10		98 - 6B			
AN960-10		98 - 26A			
AN960-10		101			
AN960-10		101			
AN960-10		101 - 33			
AN960-10		101 - 34			
AN960-10		105			
AN960-10		106 - 33A			
AN960-10		106 - 43A			
AN960-10		107 - 59			
AN960-10		108 - 4A			
AN960-10		117 - 63			
AN960-10		117 - 83			
AN960-10		118 - 2			
AN960-10		119 - 1A			
AN960-10		120 - 1A			
AN960-10		121 - 13A			
AN960-10		127 - 18			
AN960-10		128			
AN960-10		128			
AN960-10		128			
AN960-10		129 - 24			
AN960-10		129 - 38			
AN960-10		129 - 44			
AN960-10		132 - 32			
AN960-10		160 - 9			
AN960-10		159A			
AN960-10		159A			
AN960-10		159A			
AN960-10		163A			
AN960-10		163A			
AN960-10		163A			
AN960-10		163B			
AN960-10		163B1			
AN960-10		163D			
AN960-10		163D			
AN960-10		167K			
AN960-10		167L			
AN960-10		167M - 11			
AN960-10		167U - 16			
AN960-10		167V - 17			
AN960-10		176			
AN960-10		176			
AN960-10		176			
AN960-10		176			
AN960-10		176			
AN960-10		177			
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AN960-10		180			
AN960-10		180			
AN960-10		184			
AN960-10		187			
AN960-10		187			
AN960-10		189			
AN960-10		193 - 8B			
AN960-10		193 - 24A			
AN960-10		194 - 26A			
AN960-10		194A - 3			
AN960-10		196 - 23			
AN960-10		204 - 49A			
AN960-10		217			
AN960-10		217 - 33			
AN960-10		217 - 83			
AN960-10		218 - 61			
AN960-10		229 - 39			
AN960-10		239			
AN960-10		239 - 74A			
AN960-10		239			
AN960-10		240 - 26A			
AN960-10		240 - 28B			
AN960-10		240 - 36B			
AN960-10		242			
AN960-10		242			
AN960-10		265 - 29A			
AN960-10		269 - 46A			
AN960-10		270 - 38			
AN960-10		273 - 2A			
AN960-10		273 - 23A			
AN960-10		277 - 19B			
AN960-10		277 - 40B			
AN960-10		278 - 14B			
AN960-10		278			
AN960-10L		6A			
AN960-10		289 - 13			
AN960-10L		18 - 4			
AN960-10L		43 - 9B			
AN960-10L		46 - 9			
AN960-10L		46 - 23			
AN960-10L		46 - 37			
AN960-10L		59 - 2			
AN960-10L		60 - 1A			
AN960-10L		73 - 47			
AN960-10L		81A- 29			
AN960-10L		103 - 14A			
AN960-10L		105 - 5A			
AN960-10L		105 - 27B			
AN960-10L		105 - 32B			
AN960-10L		105 - 44A			
AN960-10L		107 - 35B			
AN960-10L		107 - 60			
AN960-10L		114 - 41B			
AN960-10L		129 - 18			
AN960-10L		129 - 39			
AN960-10L		154A - 8			
AN960-10L		163C			
AN960-10L		163C			
AN960-10L		163C			
AN960-10L		177			
AN960-10L		180			
AN960-10L		180			
AN960-10L		200 - 2A			
AN960-10L		200 - 8A			
AN960-10L		200 - 15A			
AN960-10L		200 - 17A			
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AN960-10L		204			

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AN960-10L		220 - 49A			
AN960-10L		229 - 54			
AN960-10L		230			
AN960-10L		267			
AN960-10L		267			
AN960-1016		48 - 7			
AN960-1016		55			
AN960-1016		70 - 39			
AN960-1016		141			
AN960-1016L		108			
AN960-12		209 - 20D			
AN960-1716		140 - 6			
AN960-3L		18A- 6			
AN960-4		42 - 2A			
AN960-4		43 - 2A			
AN960-4		77 - 21			
AN960-4		77 - 63A			
AN960-4		163G			
AN960-4		1630			
AN960-4		163B1 -			
AN960-4		163B1 -			
AN960-4		172			
AN960-4		173			
AN960-4		180			
AN960-4		180			
AN960-4		180			
AN960-4		181			
AN960-4		182			
AN960-4		203 - 44B			
AN960-4		230 - 5			
AN960-4		268 - 1C			
AN960-4		268 - 36C			
AN960-4		268 - 53C			
AN960-4		269 - 10G			
AN960-4		269 - 16F			
AN960-4		269 - 26C			
AN960-4		275 - 13C			
AN960-4		276 - 38			
AN960-4		277 - 8A			
AN960-4		277 - 11			
AN960-4		278 - 9A			
AN960-4		279			
AN960-4L		189			
AN960-416		13 - 49			
AN960-416		24 - 60			
AN960-416		25 - 1A			
AN960-416		29 - 30			
AN960-416		32 - 14E			
AN960-416		33 - 3			
AN960-416		33 - 38			
AN960-416		36 - 12			
AN960-416		39 - 33			
AN960-416		44			
AN960-416		46 - 15			
AN960-416		46 - 20			
AN960-416		46 - 61			
AN960-416		59 - 28			
AN960-416		68 - 11A			
AN960-416		71 - 6A			
AN960-416		72			
AN960-416		77 - 23A			
AN960-416		78 - 27			
AN960-416		81A- 48			
AN960-416		83 - 20C			
AN960-416		90 - 16			
AN960-416		94 - 14			
AN960-416		97 - 8B			
AN960-416		97 - 24A			
AN960-416		102 - 4A			
AN960-416		106 - 49A			
AN960-416		111 - 21			
AN960-416		114 - 52B			
AN960-416		121 - 41B			
AN960-416		123 - 18A			
AN960-416		126 - 10D			
AN960-416		167K			
AN960-416		167M			
AN960-416		176			
AN960-416		177			
AN960-416		180			
AN960-416		180			
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AN960-416		180			

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AN960-416		197 - 23			
AN960-416		197			
AN960-416		203 - 6B			
AN960-416		278 - 54B			
AN960-416		279 - 46			
AN960-416		289 -			
AN960-416L		78 - 67			
AN960-416L		87 - 2			
AN960-416L		107 - 47A			
AN960-416L		110 - 72			
AN960-416L		200 - 6A			
AN960-416L		200 - 13A			
AN960-416L		200 - 33A			
AN960-416L		204			
AN960-416L		220 - 53A			
AN960-428		160 - 5			
AN960-516		3			
AN960-516		6 - 13			
AN960-516		8 - 45			
AN960-516		16 - 69			
AN960-516		33 - 43			
AN960-516		38 - 5			
AN960-516		77 - 44A			
AN960-516		80 - 4			
AN960-516		81 - 36			
AN960-516		82 - 2			
AN960-516		82 - 11			
AN960-516		82A- 8			
AN960-516		83 - 3A			
AN960-516		83			
AN960-516		83 - 16A			
AN960-516		87 - 17			
AN960-516		90 - 74			
AN960-516		113 - 17			
AN960-516		181			
AN960-516		194A - 9			
AN960-516		290 - 3			
AN960-516		230			
AN960-516L		61 - 40			
AN960-516L		202 - 10			
AN960-516L		229 - 31			
AN960-6		13 - 27			
AN960-6		13 - 44			
AN960-6		13 - 79			
AN960-6		36 - 20			
AN960-6		76 - 63			
AN960-6		93 - 34			
AN960-6		105 - 12A			
AN960-6		105 - 22B			
AN960-6		144 - 43B			
AN960-6		163A			
AN960-6		163A			
AN960-6		163A			
AN960-6		163B			
AN960-6		163B1 -			
AN960-6		163D			
AN960-6		167L			
AN960-6		167M			
AN960-6		167N			
AN960-6		167S			
AN960-6		176			
AN960-6		187			
AN960-6		197 - 2			
AN960-6		204			
AN960-6		211			
AN960-6		211			
AN960-6		211			
AN960-6		211			
AN960-6		219 - 18A			
AN960-6		231 - 23B			
AN960-6		242			
AN960-6		243 - 59B			
AN960-6		272 - 67A			
AN960-6		275 - 11C			
AN960-6		276			
AN960-6		276			
AN960-6		279			
AN960-6L		175			
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AN960-616		55			
AN960-616		64 - 84			
AN960-616		64 - 87			
AN960-616		65 - 75			
AN960-616		70 - 77			
AN960-616		79 - 47			
AN960-616		80 - 25			
AN960-616		105 - 14A			
AN960-616		114 - 44B			
AN960-616		202 - 15A			
AN960-616		203 - 30B			
AN960-616		205			
AN960-616		223 - 39A			
AN960-616		223 - 40A			
AN960-616		230 - 10			
AN960-616		279			
AN960-716		60			
AN960-716		111 - 14			
AN960-716		123 - 38B			
AN960-716L		123 - 38A			
AN960-8		7 - 9			
AN960-8		12			
AN960-8		18 - 7			
AN960-8		18 - 13			
AN960-8		18A- 15			
AN960-8		19 - 19			
AN960-8		19 - 33			
AN960-8		21 - 3dA			
AN960-8		24 - 25			
AN960-8		25 - 16A			
AN960-8		25 - 18A			
AN960-8		25 - 20A			
AN960-8		28			
AN960-8		28 - 36			
AN960-8		46			
AN960-8		52 - 14			
AN960-8		64 - 2			
AN960-8		65 - 1A			
AN960-8		65 - 118			
AN960-8		70 - 62			
AN960-8		88 - 24			
AN960-8		93 - 28			
AN960-8		102 - 20A			
AN960-8		103			
AN960-8		108			
AN960-8		123 - 51B			
AN960-8		163B			
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AN960-8		163C			
AN960-8		163E			
AN960-8		167M			
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AN960-8		170			
AN960-8		173			
AN960-8		176			
AN960-8		177			
AN960-8		177			
AN960-8		183			
AN960-8		184			
AN960-8		187			
AN960-8		194			
AN960-8		194A - 38			
AN960-8		195 - 24			
AN960-8		195 - 42			
AN960-8		195 - 48			
AN960-8		197			
AN960-8		201 - 20B			
AN960-8		203 - 37B			
AN960-8		204 - 18B			
AN960-8		204			
AN960-8		229 - 17			
AN960-8		238 - 19A			
AN960-8		242 - 17B			
AN960-8		243 - 54B			
AN960-8		265 - 22C			
AN960-8		266 - 43B			
AN960-8		266 - 73B			
AN960-8		266 - 81B			
AN960-8		268 - 6A			
AN960-8		268 - 13A			

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AN960-8	269 - 7A			
AN960-8	269 - 37B			
AN960-8	270			
AN960-8	270 - 18A			
AN960-8	270 - 27A			
AN960-8	272 - 48B			
AN960-8	272 - 69B			
AN960-8	276 - 15			
AN960-8	277 - 9B			
AN960-8	277 - 36B			
AN960-8	277 - 43B			
AN960-8	278 - 43B			
AN960-8	279 - 2			
AN960-8L	18A- 5			
AN960-8L	68 - 21			
AN960-8L	68 - 25			
AN960-8L	70 - 3			
AN960-8L	267			
AN960-816	16 - 58			
AN960-816	76 - 10			
AN960-816	85 - 15			
AN960-816	240 - 23			
AN960-816	289 - 9			
AN960-9	77 - 17A			
AN960A10	11 - 1A			
AN960A10	34 - 9B			
AN960A10	194			
AN960A416	20 - 13			
AN960A416	142			
AN960A516	225 - 13			
AN960A516	225 - 35A			
AN96086	145 - 24			
AN96086	148 - 35B			
AN96086	148 - 47H			
AN96086	175			
AN96086	274 - 12			
AN96086	274 - 40			
AN960B616	264 - 73			
AN960B616	266 - 70B			
AN960B616	277 - 28B			
AN960B616	279			
AN96088	64 - 65			
AN96088	65 - 42C			
AN96088	144 - 51H			
AN96088	261 - 32A			
AN96088	270			
AN96088	271 - 12C			
AN96088	271 - 27B			
AN96088	278 - 18A			
AN96088	278			
AN96088	278 - 45A			
AN960B816	51 - 24			
AN960B816	52 - 22			
AN960C10	41 - 33			
AN960C10	60			
AN960C10	91 - 4			
AN960C10	183			
AN960C10	197			
AN960C10	299			
AN960C10	299			
AN960C10	299			
AN960C10	299			
AN960C10	299			
AN960C10	301 - 10			
AN960C10	305 - 12			
AN960C10L	9 - 30C			
AN960C10L	24 - 32			
AN960C10L	49 - 19			
AN960C10L	58 - 16			
AN960C10L	140 - 14A			
AN960C10L	183			
AN960C4	305 - 4			
AN960C416	2 - 58			
AN960C416	39 - 2			
AN960C416	60			
AN960C416	71 - 10			
AN960C416	283			
AN960C416L	98 - 10			
AN960C416L	71 - 13D			
AN960C416L	283 - 48A			
AN960C416L	306			
AN960C416L	306			
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AN960C516	197			
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AN960C516	219 - 18C			
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AN960C8		49 - 21			
AN960C8		175			
AN960C8		177			
AN960C8		218			
AN960C8		221 - 44A			
AN960C816		299			
AN960C916		27 - 19			
AN960D10		2 - 55			
AN960D10		3			
AN960D10		6A			
AN960D10		13 -104			
AN960D10		16 - 42			
AN960D10		19			
AN960D10		30 - 16A			
AN960D10		30 - 22			
AN960D10		30 - 26A			
AN960D10		33 - 79			
AN960D10		37 - 13			
AN960D10		41 - 6			
AN960D10		69 - 3			
AN960D10		76 - 59			
AN960D10		79 - 4			
AN960D10		80 - 10			
AN960D10		80 - 31			
AN960D10		81 - 27			
AN960D10		81 - 53			
AN960D10		82 - 19			
AN960D10		82A- 35			
AN960D10		83 - 36			
AN960D10		84 - 5			
AN960D10		84 - 10			
AN960D10		84 - 29			
AN960D10		84A- 11			
AN960U10		85 - 2			
AN960D10		108 - 40B			
AN960D10		111 - 3			
AN960U10		114 - 35B			
AN960D10		114 - 42B			
AN960C10		117			
AN960D10		120			
AN960U10		132 - 31			
AN960D10		137 - 24			
AN960D10		140 - 5A			
AN960D10		140 - 68			
AN960D10		163F			
AN960D10		173			
AN960D10		193 - 5A			
AN960D10		194 - 6A			
AN960D10		194 - 8B			
AN960D10		194 - 11B			
AN960U10		194			
AN960D10		197			
AN960D10		200 - 18			
AN960D10		200 - 21A			
AN960U10		202 - 22A			
AN960D10		203 - 50A			
AN960D10		207			
AN960C10		218 - 22B			
AN960D10		220 - 11A			
AN960D10		223 - 30A			
AN960D10		232			
AN960D10		261 - 36A			
AN960U10		270			
AN960D10		271 - 3B			
AN960D10		279 - 18			
AN960D10		283 - 2A			
AN960D10		283 - 9B			
AN960D10		283 - 63B			
AN960D10		283 - 75A			
AN960D10L		293 - 6			
AN960D10L		31 - 47			
AN960D10L		41			
AN960D10L		73 - 36			
AN960D10L		74 - 6			
AN960D10L		97			
AN960D10L		99 - 68			
AN960D10L		107 - 25B			
AN960D10L		111			
AN960D10L		117 - 44			
AN960D10L		129 - 40			
AN960D10L		163E			
AN960D10L		163E			
AN960D10L		163E- 7			
AN960U10L		163E- 13			

PART NUMBER	VOL.	FIGURE AND INDEX NUMBER	CODES SOURCE	CODES RECOVER	CODES KIT
AN960D10L		178			
AN960D10L		232			
AN960D10L		236 - 39A			
AN960D10L		239			
AN960D10L		267			
AN960D1216		64 - 19			
AN960D1216		65			
AN960D1216		66			
AN96003L		50 - 8			
AN960D4		163G - 14			
AN960D4		173			
AN960D4		208 - 9A			
AN960D4		276			
AN960D4L		153 - 3			
AN960D4L		159			
AN960D4L		163F			
AN960D416		4 - 66			
AN960D416		6A			
AN960D416		13 - 39			
AN960D416		13 - 48			
AN960D416		13 - 81			
AN960D416		13 - 90			
AN960D416		16 - 3			
AN960D416		36 - 11			
AN960D416		79 - 27			
AN960D416		80 - 15			
AN960D416		81 - 46			
AN960D416		81A- 3			
AN960D416		81A- 8			
AN960D416		81A- 14			
AN960D416		81A- 19			
AN960D416		81A- 24			
AN960D416		82 - 27			
AN960D416		82A- 15			
AN960D416		82A- 26			
AN960D416		83 - 20G			
AN960D416		83 - 25A			
AN960D416		83 - 29A			
AN960D416		84A- 38			
AN960D416		86 - 20A			
AN960D416		87 - 23			
AN960D416		94 - 5			
AN960D416		163F			
AN960D416		173			
AN960D416		182 - 19			
AN960D416		283			
AN960D416		283 - 3A			
AN960D416L		58 - 1A			
AN960D416L		73 - 29			
AN960D416L		74 - 30			
AN960D513		4 - 8G			
AN960D516		6A			
AN960D516		76 - 7			
AN960D516		79 - 39			
AN960D516		80 - 20			
AN960D516		81 - 2			
AN960D516		82A			
AN960D516		83 - 9A			
AN960D516		87 - 24			
AN960D516		198 - 18			
AN960D516		293 -			
AN960D516L		42 - 3A			
AN960D6		42 - 6A			
AN960D6		43 - 4B			
AN960D6		140 - 39A			
AN960D6		144 - 44			
AN960D6		149			
AN960D6		171			
AN960D6		195 - 6			
AN960D6		197 - 27			
AN960D6		231 - 33A			
AN960D6		231 - 45B			
AN960D6		266			
AN960D6		269 - 20B			
AN960D6		275			
AN960D6		276 - 11			
AN960D6		163G - 18			
AN960D6L		231 - 10A			
AN960D6L		279			
AN960D616		81 - 8			
AN960D616		175			
AN960D616		203			
AN960D716		141			
AN960D8		17 - 8			
AN960D8		19 - 6			
AN960D8		19 - 17			
AN960D8		23 - 20			
AN960D8		31 - 56			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES: SOURCE	CODES: RECOVER	CODES: KIT
AN960D8		43 - 3A			
AN960D8		143			
AN960D8		163F			
AN960D8		172			
AN960D8		173			
AN960D8		173			
AN960D8		177			
AN960D8		194 - 24			
AN960D8		194 - 30			
AN960D8		201 - 68			
AN960D8		204 - 3A			
AN960D8		217			
AN960D8		221 - 258			
AN960D8		230 - 30A			
AN960D8		238 - 52A			
AN960D8		270 - 20C			
AN960D8		271 - 248			
AN960D8		276 - 20			
AN960D8		276 - 27			
AN960D8		276			
AN960D8		283 - 45A			
AN960D8		284			
AN960D8		284			
AN960D8L		36 - 66			
AN960D8L		74 - 9			
AN960D8L		158			
AN960D8L		159			
AN960D8L		163F			
AN960D8L		163F - 25			
AN960D8L		163G - 34			
AN960D8L		192			
AN960D8L		271 - 168			
AN960D8L		272 - 408			
AN960D8L		272 - 45A			
AN960D8L		285 - 148			
AN960D8L		285 - 168			
AN960L10		292 -			
AN960PD10		203 - 57A			
AN960PD10L		105A - 53			
AN960PD10L		203 - 568			
AN960PD6L		105A - 45			
AN960PD8					
AN961-10		163E			
AN961-10		163E - 8			
AN961-6		153			
AN970-10		239			
AN970-3		35 - 53			
AN970-3		137 - 33			
AN970-3		167K			
AN970-3		167K			
AN970-3		167K			
AN970-3		167K			
AN970-3		176			
AN970-3		177			
AN970-3		177			
AN970-3		177			
AN970-3		197			
AN970-3		204 - 15A			
AN970-3		205			
AN970-3		208 - 6A			
AN970-3		243 - 618			
AN970-3		265 - 228			
AN970-4		137 - 20			
AN970-4		204			
AN970-4		211			
AN970-5		185			
AN975-3		55 - 24			
AN975-3		85 - 25			
AN975-3		85 - 43			
AN975-3		85 - 50			
AN975-3		106 - 2A			
AN975-3		119 - 18A			
AN975-3		120 - 19A			
AN975-4		13 - 56			
AN975-4		13 - 95			
AN975-4		283 - 23A			
AN975-4		283 - 32A			
AN975-5		121 - 688			
AN975-9		121 - 518			
AN975-9		121 - 718			
ARM300-12C8		167D-33			
AR17-2TY1		23 - 31			
AR1782TY1		23 - 15			
AR88-6-38		23 - 12			
AR88-6-38		23 - 30			
AS-133/APX		163G - 24			
ASN40		86 - 7			
ASP15-10		225 - 46			
ASP15-10		225 - 54			
ASP15-10		226 - 6			
ASP15-10		226 - 46			
ASP15/10		229 - 50			
ASP15/16		219 - 3			
AS215/ARN		187 - 26			
AS27/ARN5		186 - 1			
AS313A/ARN6		161 - 29			
AS428/APS42		164 - 25			
AT-256A/ARC		154D - 1			
AT172/ARN14		159 - 7			
AT172/ARN14		163D - 7			
AT172/ARN14		186 - 23			
AT234/APX		187 - 17			
AT256/ARC		159 - 31			
AT256/ARC		187 - 19			
AT454( )/ARC		163A			
AT455( )/ARC		163A - 17			
AT624( )/AR		163A - 22			
AT722/APX		187 - 28			
AT741A		167Q - 1			
AT741A		167R - 1			
AV01050		263 - 23			
AV01051		263			
AW1-1/8-15		147 - 30			
AW1-7/8-14CJ		145 - 20			
AW1-7/8-15		145 - 19			
AW1-7/8-15AV		232 - 6			
AWS-30		199 - 17			
AWS-30		199 - 21			
AWS-35		216 - 30			
AWS-35-120		216 - 29			
AWS-40		289 - 34			
AX5D		283 - 61			
AY-P95485		154B - 1			
AYLC15S-1		67 - 17			
AYLC3091		67 - 14			
A019		40 - 4			
A10671		108 - 280			
A10671		140 - 8			
A11		243 - 60			
A1123		105A - 61			
A11608		140 - 27			
A11642		140 - 6			
A1181-621		9			
A1197		40 - 31			
A12337		108 - 28C			
A12337		140 - 6			
A1285-1524		261 - 1			
A1285-1524		261			
A14101		108 - 28F			
A14101		140 - 10			
A16014		140 - 17			
A16344		108 - 288			
A16478		108			
A16506		108			
A1777-6Z1		192			
A1777-6Z1		195			
A1777-6Z1		201 - 20C			
A1777-6Z1		202 - 3A			
A1814-6Z1		219 - 18			
A2		177 - 2			
A2MP		175 - 12			
A20-0-51		203 - 17			
A20-0-51		208			
A2981A6		231 - 16			
A2981A8-8		284 - 32			
A3-25		12 - 2			
A30		9 - 10			
A30		13 - 5			
A30		19A - 1			
A301-2		88 - 10			
A301-2		178			
A301-2		225 - 10			
A301-2		226 - 33			
A301-2		229 - 28			
A304-2		128 - 44			
A304-26		129 - 35			
A304-35		114 - 60			
A3053A12		285 - 12			
A3053A7		284 - 16			
A312-2		51 - 8			
A312-2		52 - 7			
A3122-10-1		137 - 1			
A3122-12-1		100			
A3122-16		217 - 66			
A3122-16-1		134 - 1			
A3122-18-1		100			
A3122-18-1		134 - 11			
A3122-18-1		134 - 17			
A3122-22-1		214 - 33			
A3122-8-59		90 - 69			
A313-4		225 - 38			
A313-4		226 - 19			
A313-8		73 - 39			
A3235-020-1		163E - 14			
A3235-020-24A		164			
A3235-028		153 - 23			
A4-30		109 - 34			
A4-40		12 - 18			
A401-1		225 - 25			
A401-3		225 - 29			
A401-3		225 - 37			
A401-3		226 - 18			
A401-3		226 - 38			
A401-3		229 - 35			
A401M4		145 - 14			
A401M4		147 - 23			
A401M4		149 - 13			
A401M4		151 - 26			
A401M4		152 - 18			
A401M4		152A - 18			
A401M4		166 - 86			
A401M4		211 - 24			
A404-1		112 - 24			
A404-1		230 - 22			
A418-2		227 - 74			
A418-8		227 - 72			
A418-9		230 - 18			
A477-8Z1		31 - 22			
A4949		99 - 33			
A5-30		9 - 2			
A5-30		10 - 38			
A5-30		49 - 52			
A5-30		56 - 8			
A5-30		279 - 15			
A5-35		12 - 11			
A5AJWS-40		267 - 29			
A50194		140			
A50194		140			
A5125		184 - 10			
A521-9		85 - 38			
A524		93 - 42			
A524		114 - 59			
A532-1		227 - 60			
A532-16		230 - 19			
A532-2		227 - 48			
A532-7		227 - 50			
A532-7		227 - 62			
A532-7		230 - 23			
A532-9		228 - 11			
A535-15		228 - 13			
A5523		7A - 11			
A5523		117 - 86			
A6-1/2-40		49 - 46			
A6X10		277 - 26			
A6165-327		155 - 29			
A6165-327		155 - 41			
A6195-8Z		204 - 18C			
A6264-8ZCH3		272 - 48C			
A6264H8Z-C1		266 - 81C			
A6264H8Z-C1		272			
A6914-1024-1		50 - 1			
A6939-632-125		165			
A6939-632-125		166			
A6939-632-125		174			
A7979		137 - 15			
A8175-6Z		242			
A8175-6Z		271			
A8175-8Z		271 - 1			
A8182-2		137 - 11			
A8182-3		132 - 20			
A838-2		96 - 25			
A838-4		128 - 53			
A8839318-1		163B			
A8839318-1		163B1 -			
A8843664-3		163B			
A8843664-3		163B			
A8843664-3		163B1 -			
A8843664-3		163B1 -			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES: SOURCE	CODES: RECOVER	CODES: KIT
A8970		167H - 22			
A8970		167H - 33			
B-R36		67 - 6			
B-R36		262 - 43			
B-R36		276 - 50			
BC1333		161 - 37			
BC348 ( )		154 - 4			
BC348E		168 -103			
BC453		168 - 5			
BLS3R08N		293 - 21			
BLS5R05NC66		291 - 32			
BLS7R37N		291 - 30			
BLS9R37N		291 - 31			
BZ7RL22T		227 - 17			
BZ7RL22T		227 - 67			
BZ7RQ1T		181 - 29			
BZ7RQ1T04		165 - 43			
B111745X		11 - 1			
B1141-10		56			
B11414		140 - 18			
B1163-1		60			
B1164-1		56			
B1164-2		56			
B1164-3		60			
B1165-10		60 - 36			
B11850		108 - 28H			
B11850		140 - 4			
B12180		108 - 28G			
B12180		140 - 1			
B12306		140 - 34			
B12306		141 - 7			
B14		198 - 21			
B1407-10		60			
B1407-30		60 - 33			
B1409-10		64			
B1409-10		65			
B1409-20		64			
B1409-20		65			
B14182		140 - 13			
B1437-20		60			
B16010		140 - 7			
B16286		108 - 29			
B16286-60		140 - 28			
B17140		140			
B173		136 - 1			
B173		136 - 14			
B20002		140 - 3			
B21004		140 - 2			
B221-6-124		131 - 14B			
B221-6-89		131 - 14A			
B221-6-89		136 - 58			
B2680		42 - 1			
B2680Y		42			
B2680Y		43 - 1			
B3050		90 - 14			
B358-0687		24 - 75			
B41N		197 - 46			
B4750		152B- 24			
B4755		152B- 3			
B4755		152B- 15			
B4755		152B- 22			
B4755		152B- 37			
B4787		152B- 11			
B4788		152B- 13			
B4789		152B- 7			
B4794-1		152B- 29			
B4850		152B- 27			
B4R55		152B- 34			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES: SOURCE	CODES: RECOVER	CODES: KIT

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES: SOURCE	CODES: RECOVER	CODES: KIT

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	KIT
C-1128/APX-25		167E-11			
C-1158/APX-25		167E-12			
C-3519		167G-33			
C-824A/AIC-10		167F-5			
C-824A/AIC-10		167F-20			
C-824A/AIC-10		167F-48			
C-824A/AIC-10		167F-74			
C-824A/AIC-10		167F-95			
C-826/AIC-10		167F-4			
C-826/AIC-10		167F-19			
C-826/AIC-10		167F-47			
C-826/AIC-10		167F-73			
C-826/AIC-10		167F-94			
C-866/ARN-21		167F-87			
C166AIC3		157 - 21			
C47-COM-004		244 - 10			
C47-COM-004		245 - 14			
C47-COM-005		244 - 22			
C47-COM-005		245 - 19			
C47-COM-006		245 - 20			
C47-COM-007		244 - 27			
C47-COM-008		248 - 10			
C47-COM-009		248 - 14			
C47-001-001		244 - 1			
C47-001-003		244 - 12			
C47-001-004		244 - 13			
C47-001-005		244 - 14			
C47-001-006		244 - 15			
C47-001-007		244 - 18			
C47-001-009		244 - 26			
C47-002-002		245 - 13			
C47-002-003		245 - 12			
C47-002-004		245 - 1			
C47-002-005		245 - 24			
C47-002-006		245 - 22			
C47-004-001		248 - 9			
C47-004-002		248 - 8			
C47-004-003		248 - 12			
C47-004-004		248 - 5			
C47-004-005		248 - 6			
C47-004-006		248 - 7			
C47-004-007		248 - 15			
C47-004-008		248 - 3			
C47-004-009		248 - 4			
C47-004-010		248 - 2			
C47-004-011		248 - 16			
C47-004-012		248 - 17			
C47-004-013		248 - 1			
C47-005-001		249 - 3			
C47-005-002		249 - 4			
C47-005-003		249 - 5			
C47-005-004		249 - 23			
C47-005-005		249			
C47-005-006		249			
C47-005-007		249 - 11			
C47-005-008		249 - 21			
C47-005-009		249 - 20			
C47-005-010		249 - 8			
C47-005-011		249 - 7			
C47-005-012		249 - 6			
C47-005-014		249 - 9			
C47-005-015		249 - 12			
C47-005-016		249 - 13			
C47-005-017		249 - 14			
C47-005-018		249 - 15			
C47-005-019		249 - 16			
C47-005-020		249 - 18			
C47-005-021		249 - 22			
C47-005-022		249 - 24			
C47-005-103		249 - 10			
C47-006-001		250 - 13			
C47-006-002		250 - 12			
C47-006-003		250 - 2			
C47-006-004		250 - 3			
C47-006-005		250 - 11			
C47-006-006		250 - 10			
C47-006-007		250 - 9			
C47-006-008		250 - 8			
C47-006-009		251 - 9			
C47-006-010		251			
C47-006-011		251 - 5			
C47-006-012		251			
C47-006-013		251 - 16			
C47-006-014		251 - 1			
C47-006-016		251 - 2			
C47-006-017		251			
C47-006-018		251 - 7			
C47-006-018		253 - 5			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	KIT
C47-006-019		251 - 17			
C47-006-020		251 - 14			
C47-006-021		251 - 13			
C47-006-022		251 - 12			
C47-006-023		251 - 10			
C47-006-024		251 - 4			
C47-006-025		251 - 3			
C47-006-026		251 - 11			
C47-006-027		253 - 2			
C47-006-028		253 - 3			
C47-006-029		253 - 4			
C47-006-030		253 - 1			
C47-008-001		252			
C47-008-002		252 - 5			
C47-008-003		252 - 4			
C47-008-004		252 - 3			
C47-008-005		252 - 2			
C47-008-006		252 - 1			
C47-008-007		252 - 9			
C47-050-001		254 - 23			
C47-050-001		255 - 26			
C47-050-002		254 - 22			
C47-050-003		254 - 21			
C47-050-003		255 - 2			
C47-050-004		254 - 20			
C47-050-005		254 - 19			
C47-050-005		255 - 20			
C47-050-006		254 - 18			
C47-050-007		254 - 17			
C47-050-007		255 - 4			
C47-050-008		254 - 16			
C47-050-008		255 - 11			
C47-050-009		254 - 1			
C47-050-009		255 - 25			
C47-050-010		254 - 2			
C47-050-010		255 - 27			
C47-050-011		254 - 3			
C47-050-011		255 - 21			
C47-050-012		254 - 4			
C47-050-012		255 - 28			
C47-050-013		254 - 5			
C47-050-013		255 - 30			
C47-050-014		254 - 6			
C47-050-014		255 - 29			
C47-050-015		254 - 25			
C47-050-015		255 - 22			
C47-050-016		254 - 7			
C47-050-017		254 - 8			
C47-050-018		254 - 9			
C47-050-018		255 - 1			
C47-050-019		254 - 10			
C47-050-019		255 - 3			
C47-050-020		254 - 11			
C47-050-020		255 - 12			
C47-050-021		254 - 12			
C47-050-021		255 - 10			
C47-050-022		254 - 13			
C47-050-022		255 - 15			
C47-050-023		254 - 49			
C47-050-023		255 - 5			
C47-050-024		254 - 48			
C47-050-024		255 - 24			
C47-050-025		254 - 47			
C47-050-025		255 - 23			
C47-050-026		254 - 46			
C47-050-027		254 - 45			
C47-050-027		255 - 19			
C47-050-028		254 - 44			
C47-050-028		255 - 18			
C47-050-029		254 - 43			
C47-050-030		254 - 42			
C47-050-034		254 - 26			
C47-050-034		255 - 17			
C47-050-035		254 - 27			
C47-050-036		254 - 29			
C47-050-037		254 - 28			
C47-050-037		255 - 16			
C47-050-038		254 - 30			
C47-050-038		255 - 14			
C47-050-039		254 - 31			
C47-050-039		255 - 13			
C47-050-040		254 - 32			
C47-050-041		254 - 33			
C47-050-042		254 - 34			
C47-050-043		254 - 35			
C47-050-044		254 - 36			
C47-050-045		254 - 37			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	KIT
C47-050-046		254 - 38			
C47-050-047		254 - 39			
C47-050-047		255 - 6			
C47-050-048		254 - 40			
C47-050-048		255 - 7			
C47-050-049		254 - 41			
C47-050-050		254 - 14			
C47-050-051		255 - 8			
C47-050-052		254 - 50			
C47-051-001		256 - 69			
C47-051-001		256 -101			
C47-051-001A		256			
C47-051-001A		256			
C47-051-003		256 - 47			
C47-051-003		256 - 98			
C47-051-003		256 -125			
C47-051-004		256 - 46			
C47-051-004		256 - 97			
C47-051-004		256 -124			
C47-051-006		256 - 21			
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MT-1151/APX-25		167E - 9			
MT-691/ARN-18		158 - 4			
MT1004-040-200		268 - 72			
MT1009-040-200		266 - 89			
MT1023-051-204		268 - 43			
MT1026-040-224		269 - 31			
MT1042/ARA25		163E- 20			
MT1043/ARA25		163E- 2			
MT1060/U		163B			
MT1096/U		163C- 1			
MT1267/AR		163A- 9			
MT1268/AR		163A- 2			
MT14/ARN1		158 -100			
MT1401-040-200		268 - 82			
MT1401-040-216		268 - 64			
MT1608/ARN45		168 -123			
MT1608/ARN45		168 -126			
MT1620/AR		163A- 11			
MT164/ART13		154			
MT164/ART13		168 - 84			
MT1948U		167K - 6			
MT1948U		167K - 3			
MT2009-040-010		266 - 88			
MT2026-051-010		269 - 21			
MT236/ARC3		154			
MT236/ARC3		168 - 35			
MT237/ARC3		154			
MT2378/ARC3		168 - 66			
MT238/ARC3		154			
MT238A/ARC3		168 - 39			
MT273/ARN6		161 - 3			
MT274/ARN6		154 - 21			
MT28/ARN5		168 - 15			
MT28/ARN5		168 - 53			
MT283/ART13		154			
MT283/ART13		168 - 97			
MT284/ART13		154			
MT3023-051-010		268 - 31			
MT3513AAPX		167K - 8			
MT3513AAPX		167M - 4			
MT362/A		168 -109			
MT3809APX72		167K - 9			
MT3809APX72		167M - 5			
MT3949AU		167K - 7			
MT3949AU		167M - 4			
MT406/ANQ1A		168 - 94			
MT5401-040-005		268 - 59			
MT5401-040-005		268 - 77			
MT596/A1C		157 - 53			
MT627/ARN14		159 - 5			
MT627/ARN14		168 - 59			
MT628/ARN14		159 - 2			
MT639/APS42		168 - 29			
MT691/ARN-18		157 - 52			
MT691/ARN18		168 - 32			
MT796/U		154 - 17			
MT810/U		163C- 14			
MT811/U		163C- 9			
MT821/ARC27		159 - 28			
MT821/ARC27		168 - 89			
MT822/ARC27		159 - 29			
MT822/ARC27		168 -112			
MT928 ARN-21		183G - 2			
MX1053/U		168 -117			
MX1089/U		167 - 7			
MX128/ART13A		153			
MX1475/U		163C- 7			
MX273/AR		186 - 19			
MX273/AR		187 - 4			
MX273/AR		188 - 14			
MX274/AR		186 - 21			
MX274/AR		188 - 48			
MX276/AR		187 - 3			
MX311/AR		187 - 5			
MX311/AR		188 - 36			
MX656/AR		188 - 15			
M1		22 - 4			
M1		23 - 2			
M15-17499-1		177 - 9			
M150R		157 19			
M275		161 - 33			
M35206-230		220 - 51			
M359		154			
M412		172 - 34			
M6-12747		176			
M613457-1		176 - 15			
M8912		See 2130323			
NAF1127-1		31 - 4			
NAF1127-18		31 - 3			
NAF1127-20		36 - 3			
NAF1127-8		204 - 7			
NAF213017-3		64 - 41			
NAF213017-3		65 - 32			
NAF213017-3		65 - 51			
NAF213017-4		272			
NAF213028-3		64 - 11			
NAF213028-3		64 - 20			
NAF213028-3		64 - 68			
NAF213028-3		194 - 50			
NAF213028-3		268 - 60			
NAF213028-3		269 - 25			
NAF48379-5		264 - 58			
NAF48379-5		264 - 19			
NAF48379-5		264 - 19			
NASC09000		264 - 25			
NASC09000		267 - 39			
NASC09000		277			
NASC09000		277 - 33			
NASC09000		278 - 21			
NASC09000		278			
NASC09000		278			
NASC09000		278 - 28			
NASC09000		278 - 31			
NASC09000		278 - 34			
NAS1023008		15			
NAS1023N3		74 - 14			
NAS1023N3		75 -101			
NAS1023N3		189 - 1			
NAS1025N3		213			
NAS1112-28		165A - 55			
NAS1127-8		201 - 12			
NAS1303-110		88 - 3			
NAS1303-50		88 - 1			
NAS1303-70		88 - 2			
NAS147DH-26		45 - 19			
NAS147DH-30		45 - 8			
NAS147DH-32		45 - 1			
NAS148DH-92		127 - 48			
NAS150DH-94		127 - 58			
NAS191-16		152 - 36			
NAS191-16		152A - 36			
NAS191-4		262A- 12			
NAS191-7		153 - 37			
NAS191-8		145 - 18			
NAS191-8		147 - 27			
NAS191-8		149 - 17			
NAS191-8		151 - 30			
NAS198B12S		76 - 44			
NAS220-8		29 - 38			
NAS222-16		29 - 48			
NAS222-8		29			
NAS280-33		98 - 13			
NAS245-6-2		197 - 44			
NAS25-4L		243 - 72			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	KIT
NAS25-4R		243 - 72			
NAS253-6-2		197 - 49			
NAS27-4-22		240 - 29			
NAS27-4-24		243 - 71			
NAS387-632-6		211 - 11			
NAS387-632-6		211 - 22			
NAS387-632-8		211			
NAS387-632-8		211 - 25			
NAS387-632-8		217			
NAS42DD4-14		278 - 9			
NAS42DD6-19		73 - 38			
NAS42HT4-18		51 - 18			
NAS427K012A		204 - 85			
NAS427K023		80 - 8			
NAS427K023A		129 - 1			
NAS427K024		80 - 13			
NAS427K14		74 - 48			
NAS427K15		74 - 41			
NAS428-4-20		82 - 34			
NAS428H4-5		108 - 2A			
NAS43-12-8		262 - 3			
NAS43-14-8		262 - 14			
NAS430D-18		90 - 28			
NAS430D1-16		102 - 6			
NAS430D1-160		163A			
NAS430D1-32		163 - 4			
NAS430D1-34		276			
NAS430D1-40		163A			
NAS430D1-64		153 - 2			
NAS430D10-30		49 - 4			
NAS430D10-30		51 - 40			
NAS430D10-30		54 - 23			
NAS430D1160		163B			
NAS430D1160		163B1 -			
NAS430D2-154		105 - 3			
NAS430D2-6		29 - 17			
NAS430D3-112		105 - 5			
NAS430D3-128		76 - 57			
NAS430D3-16		74 - 56			
NAS430D-16		167W - 34			
		167W - 32			
NAS430D3-16		276 - 16			
NAS430D3-16		279 - 3			
NAS430D3-17		290 - 17			
NAS430D3-184		76 - 56			
NAS430D3-20		73 - 52			
NAS430D3-20		73 - 53			
NAS430D3-20		73 - 54			
NAS430D3-20		129 - 9			
NAS430D3-24		270 - 20B			
NAS430D3-248		277 - 19A			
NAS430D3-248		278			
NAS430D3-268		278 - 14A			
NAS430D3-28		59 - 13			
NAS430D3-32		235 - 4			
NAS430D3-32		276 - 22			
NAS430D3-38		73 - 73			
NAS430D3-40		290 - 19			
NAS430D3-48		74 - 46			
NAS430D3-48		107 - 58			
		154J - 8			
NAS43003-48		167W - 34			
NAS430D3-6		27 - 55			
NAS430D3-8		74 - 4			
NAS430D3-8		158			
NAS430D3-8		159 - 14			
NAS43DD3-80		167W - 33			
NAS430D4-120		137 - 32			
NAS430D4-128		143 - 53			
NAS430D4-27		75 - 47			
NAS430D4-4		75 - 54			
NAS430D4-52		107 - 45			
NAS430D5-24		225 - 35			
NAS430D5-24		226 - 16			
NAS430D5-72		225 - 15			
NAS430D5-82		229 - 32			
NAS430D8-34		118 - 5			
NAS430D8-44		200 - 33			
NAS430D8-8		75 - 24			
NAS430D8-80		214 - 43			
NAS43HT12-32		52 - 10			
NAS43HT12-44		71 - 7			
NAS43HT12-44		72 - 3			
NAS43HT14-48		107 - 46			
NAS43HT2-02		18 - 3			
NAS43HT2-70		91 - 31			
NAS43HT3-10		41 - 37			
NAS43HT3-10		74 - 24			
NAS43HT3-12		76 - 54			
NAS43HT3-16		79 - 6			
NAS43HT3-19		217 - 39			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	KIT
NAS43HT3-19		75 - 96			
NAS43HT3-20		76 - 52			
NAS43HT3-26		91 - 35			
NAS43HT3-38		62 - 67			
NAS43HT3-40		239 - 76			
NAS43HT3-40		267 - 36			
NAS43HT3-42		76 - 53			
NAS43HT3-48		42 - 14			
NAS43HT3-48		43 - 16			
NAS43HT3-50		79 - 5			
NAS43HT3-56		239			
NAS43HT3-8		239 - 75			
NAS43HT4-10		13 - 46			
NAS43HT4-178		78 - 68			
NAS43HT4-336		78 - 24			
NAS43HT4-36		77 - 56			
NAS43HT4-88		79 - 23			
NAS43HT4-90		78 - 63			
NAS43HT6-38		24 - 44			
NAS43HT8-6		139 - 18			
NAS43HT9-10		7A- 27			
NAS44-10-2		144 - 53			
NAS44-10-3		144 - 54			
NAS44-191-2		264 - 60			
NAS446-1-1		195			
NAS446-1-1		219 - 16			
NAS446-1-1		228			
NAS446-1-1		266 - 30A			
NAS446-2-1		224 - 31			
NAS446-2-1		266 - 77A			
NAS446-2-1		269 - 38A			
NAS446-2-1		272 - 32			
NAS446-2-1		273 - 17A			
NAS446-4-1		270 - 31A			
NAS446-4-1		270 - 35A			
NAS446-4-1		273 - 13A			
NAS446-4-1		278 - 78			
NAS446-4-1		278			
NAS446-4-1		284 - 12A			
NAS446-4-1		284 - 31			
NAS446-4-1		285 - 14C			
NAS446-4-1		285 - 16C			
NAS446-5-1		121 - 13			
NAS446-5-1		195			
NAS446-5-1		232			
NAS446-5-1		233 - 29B			
NAS446-5-1		235 - 23B			
NAS446-5-1		236 - 32B			
NAS446-5-1		236 - 50			
NAS446-5-1		237 - 22B			
NAS446-5-1		238 - 16B			
NAS446-5-1		238 - 22			
NAS446-5-1		238 - 40			
NAS446-5-1		238 - 51B			
NAS446-5-1		239 - 20B			
NAS446-5-1		239			
NAS446-5-1		239			
NAS446-5-1		240 - 37A			
NAS446-5-1		241			
NAS446-5-1		270 - 20D			
NAS446-5-1		270 - 32E			
NAS488-6-1		266 - 73C			
NAS488-6-1		273			
NAS488-6-1		273			
NAS488-7-1		278 - 53			
NAS517-3-6		293 - 42			
NAS601-6		154F - 4			
NAS601-8		154I - 3			
NAS602-8		154C - 2			
NAS602-11		154E - 5			
NAS603-8		154G - 2			
		154J - 11			
NAS603-10		154D - 5			
NAS603-11		154J - 12			
NAS603-13		154H - 3			
NAS603-20		154J - 9			
NAS670-25		29 - 40			
NAS679A06		167K			
NAS679A06		167M			
NAS679A06		167N			
NAS679A08		167M			
NAS679A08		167N			
NAS679A08		167U - 12			
NAS679A3		167K			
NAS679A3		167K			
NAS679A3		167K			
NAS679A3		167K			
NAS679A3		167K			
NAS679A3		167L			
NAS679A3		167L			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	KIT
NAS679A3		167L			
NAS679A3		167L			
NAS679A3		167M			
NAS679A3		167M			
NAS679A3		167M - 12			
NAS679A3		167U - 20			
NAS679A3		167V - 21			
NAS679A4		167M			
NAS680A08		61 - 33			
NAS72-3-007		50 - 13			
NAS75-10-028		60			
NAS75-10-028		60			
NAS75-3-003		74 - 36			
NAS75-3-005		24 - 33			
NAS75-3-006		74 - 37			
NAS75-6-012		50 - 17			
NK27-21C-7/8		157			
NR6L8		75 - 84			
NO NUMBER		60 - 69			
NO NUMBER		60			
NO NUMBER		64 - 25			
NO NUMBER		97			
NO NUMBER		97			
NO NUMBER		99 - 3			
NO NUMBER		99 - 4			
NO NUMBER		111 - 1			
NO NUMBER		151 - 2			
NO NUMBER		158 - 20			
NO NUMBER		161 - 30			
NO NUMBER		197			
NO NUMBER		214 - 39			
NO NUMBER		229 - 3			
NO NUMBER		229 - 4			
NO NUMBER		235 - 20			
NO NUMBER		235 - 23			
NO NUMBER		237 - 41			
NO NUMBER		241 - 61			
NO NUMBER		265 - 14			
NO NUMBER		265			
NO NUMBER		265			
NO NUMBER		265			
NO NUMBER		265			
NO NUMBER		265			
NO NUMBER		265			
NO NUMBER		265			
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NO NUMBER		265			
NO NUMBER		265			
NO NUMBER		265			
NO NUMBER		265			
NO NUMBER		265			
NO NUMBER		265 - 22			
NO NUMBER		265			
NO NUMBER		278 - 33			
NO NUMBER		278			
NO NUMBER		305 - 5			
N1803		79 - 83			
PAR64		261 - 26			
PA12		142 - 45			
P81004		165 - 15			
PC24431-1		158 - 13			
PC2457		217 - 25			
PC3-1/2		154 - 34			
PC3-1/2		155 - 6			
PC3-1/2		155 - 47			
PC3-1/2		161 - 9			
PC31-2CDPL		167T - 3			
PC31-2CDPL		167T - 18			
PDLM70		160 - 1			
PDLM70		267 - 41			
PF3-1/2		155 - 49			
PF3-1/2-28		155 - 7			
PF3-1/2-38		154 - 36			
PF3-1/2-38		161 - 7			
PF31-2-38CDPL		167T - 8			
PF31-2-38CDPL		167T - 20			
PK365-1032		147 - 68			
PK365-1032X1		261 - 35			
PL108		161			
PL148A		154			
PL151A		154			
PL152A		157			
PL153A		154			
PL76		153			
PR9502		172 - 20			

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PR9502	184 - 13			
PR9502	267 - 1			
PSH0033	26[illegible] - 54			
PSH0034	262 - 55			
PSH1306L	262			
PSH1306R	262 - 56			
PS3-1/2	154 - 35			
PS3-1/2	155 - 8			
PS3I-2CDPL	167T - 4			
PS3I-2CDPL	167T - 19			
P343-0036-000	167S			
P343-0678-000	167T			
PS3-1/2	155 - 48			
PS3-1/2	161 - 8			
PT06A-20-39SY	159A			
P100-421-5-24A	279 - 11			
P100-6	30 - 6			
P100-6	264 - 47			
P112	31 - 15			
P228	227 - 6			
P46604	7A- 3			
P46604	88 - 13			
P46604	121 - 54			
P46604	126 - 28			
QS100-M64	167D - 9			
QS200M48H	296 - 2			
QS200M48H	297 - 49			
RA13-250-1	296 - 5			
RA13-375-1	299 - 1			
RA20A2FC501AK	153			
RC20BF121K	163B			
RC20BF121K	163B1 -			
RC20BF151K	163B			
RC20BF151K	163B1 -			
RC20BF391K	163B			
RC20BF391K	163B1 -			
RC30AE101J	163B			
RC30AE101J	163B1 -			
RC30AE820J	163B			
RC30AE820K	163B1 -			
RD15A/ANQ1A	168 - 93			
RD4370	97 - 26			
RE-94/AIC-10	167F - 114			
REB3N	77 - 35			
REB3N3	46 - 71			
REB3N3	74 - 19			
REB3N3	75 - 5			
RE120/ARA25	163E- 19			
RE31/U	157 - 44			
RFS-75	156 - 13			
RG195AU	167U - 96			
	167V - 96			
RG214U	167W - 7			
RG223U	167U - 47			
RG223U	167U - 53			
RG223U	167V - 55			
RG223U	167V - 68			
RG225U	167U - 60			
RG225U	167U - 68			
RG225U	167U - 75			
RG225U	167U - 83			
RG225U	167V - 49			
RG225U	167V - 62			
RG225U	167V - 75			
RNK-L5-24-1/2B	264 - 17			
RNK-L5-31SL	262A- 8			
RT-279( )/APX	167E - 10			
RT-614/ARM-55	167G - 42			
RT156/APS42	164 - 23			
RT178/ARC27	159 - 23			
RT178/ARC27	168 -111			
RT2	50 - 15			
RT220 ARN-21	163G - 1			
RT294 ARC44	163A - 5			
RT361/ARN45	168 -122			
RT361 ARN45	168 -125			
RT7 APN1	168 - 99			
RT82 APX6	168 -108			
RT859APX72	167J - 4			
RV1ATF5A105C	171 - 33			
RV2ATRD254A	175 - 31			
RV3BTFD502A	175 - 32			
RV4TFD102A	175 - 30			
RWK-C3-31SLR	270 - 39			
RWKC3-24-1/2AN	283 - 59			
RWKC3-31SLR	262 - 10			
RWK59A	262 - 12			
RWK59A	270			
RW[illegible]C[illegible]C	155 - 38			
RW33G250	155 - 39			
R10	21 - 24			
R101/ARN6	154 - 20			
R101/ARN6	161 - 2			
R122/ARN12	168 - 69			
R1830-90C	40			
R1830-90D	40 - 54			
R1830-92	40			
R252ARN14	159 - 4			
R268	18A- 22			
R2771( )/APN70	163C- 16			
R31-1A	18A- 24			
R31-2	21 - 12			
R3137	262 9			
R322( )/ARN-18	158 - 3			
R3800-4-0260	60 -			
R3800-4-0270	60 -			
R3800-4-0360	60 - 29			
R3800-4-0420	60 - 31			
R5/ARN7	168 - 24			
R52-2	21 - 20			
R52-2A	18A- 33			
R603/ARN36	168 - 11			
R604/ARN37	168 - 31			
R605/ARN38	168 - 58			
R606/ARN39	168 - 14			
R7S624	64 - 86			
R7S624	65 - 87			
R77/ARC3	154 - 22			
R77A/ARC3	168 - 65			
SA1/ARN1	166 - 27			
SA1474A	167J - 1			
SA1957B	268 - 79			
SA1957B	269 - 42			
SA1957B	272 - 13			
SA1957B	272 - 46			
SA198/U	168 -118			
SA26/U	157 - 49			
SA3/A	168 -114			
SA474/AR	155A- 7			
SA474/AR	163A- 26			
SB1001-1	40			
SB327/ARC44	155A- 6			
SB327/ARC44	163A- 25			
SB4-2	266 - 90			
SB4-2	269 - 32			
SE6-2A	154J - 6			
SF08E12S4S	64 - 9			
SF08E12S4S	65 - 7			
SF08E12S4S	66 - 6			
SF08E12S4S	68			
SF301-1	51 - 60			
SK-L3-21-3/8B	64 - 37			
SK-L3-21-3/8B	65 - 58			
SK-L3-21-3/8B	66 - 26			
SK-L3-32SL	263 - 1			
SK1292-1	40 - 15			
SK7280	90			
SM3106E12S3S	64			
SM3106E16S1S	149			
SM3106E16S1S	151 - 43			
SM3106E16S1S	152			
SM3106E16S1S	152A			
SN59/APS42	168 - 28			
SR271-15	101			
SS50727K2215	201			
STD-COM-001	244 - 25			
STD-COM-001	245 - 23			
STD-COM-003	249 - 19			
STD-COM-009	244 - 3			
STD-COM-012	244 - 2			
STD-COM-017	244 - 24			
STD-COM-017	251 - 8			
STD-COM-018	246 - 1			
STD-COM-018	246 - 2			
STD-COM-018	246 - 3			
STD-COM-018	246 - 4			
STD-COM-018	247 - 1			
STD-COM-018	247 - 2			
STD-COM-018	247 - 3			
STD-COM-018	247 - 4			
STD-COM-018	249 - 2			
STD-COM-021	249 - 1			
STD-COM-022	250 - 1			
STD-COM-023	249 - 17			
STD-COM-023	250 - 7			
STD-COM-025	245 - 15			
STD-COM-025	251 - 6			
STD-COM-026	244 - 20			
STD-COM-026	245 - 18			
STD-COM-026	252 - 10			
STD-COM-026	259 - 8			
STD-COM-027	252 - 8			
STD-COM-028	244 - 23			
STD-COM-028	245 - 21			
STD-COM-028	250 - 5			
STD-COM-029	244 - 17			
STD-COM-029	245 - 4			
STD-COM-029	250 - 4			
STD-COM-037	248 - 11			
STD-COM-039	248 - 13			
STD-COM-041	252 - 6			
STD-COM-042	245 - 9			
STD-COM-043	244 - 11			
STD-COM-044	244 - 16			
STD-COM-045	245 - 16			
STD-COM-046	245 - 17			
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STD-COM-047	244 - 19			
STD-COM-047	245 - 2			
STD-COM-048	244 - 6			
STD-COM-048	245 - 8			
STD-COM-049	244 - 4			
STD-COM-049	245 - 6			
STD-COM-050	244 - 5			
STD-COM-050	245 - 7			
STD-COM-051	251 - 15			
STD-COM-085	250 - 6			
STD-COM-085	252			
STD-COM-086	252 - 7			
STD-COM-100	259 - 7			
STD-COM-101	259 - 49			
STD-COM-102	254 - 15			
STD-COM-102	257 - 10			
STD-COM-102	259 - 38			
STD-COM-103	254 - 52			
STD-COM-103	259 - 52			
STD-COM-103	260 - 11			
STD-COM-104	254 - 51			
STD-COM-104	259 - 53			
STD-COM-104	260 - 14			
STD-COM-106	257 - 14			
STD-COM-106	259 - 2			
STD-COM-106	260 - 1			
STD-COM-107	259 - 54			
STD-COM-108	260 - 8			
STD-COM-109	259 - 32			
STD-COM-109	260 - 9			
STD-COM-110	259 - 33			
STD-COM-111	257 - 15			
STD-COM-111	260 - 4			
STD-COM-112	260 - 3			
STD-COM-113	257 - 16			
STD-COM-113	259 - 34			
STD-COM-114	257 - 22			
STD-COM-115	259 - 48			
STD-COM-116	260 - 10			
STD-COM-117	260 - 19			
STD-COM-120	259 - 56			
STD-COM-120	260 - 25			
STD-COM-121	259 - 57			
STD-COM-121	260 - 16			
STD-COM-122	260 - 23			
STD-COM-123	260 - 24			
STD-COM-124	257 - 1			
STD-COM-126	259 - 46			
STD-COM-128	259 - 1			
STD-COM-129	259 - 28			
STD-COM-130	259 - 51			
STD-COM-131	260 - 32			
STD-COM-132	259 - 70			
STD-COM-132	260 - 2			
STD-COM-133	256 - 20			
STD-COM-133	256 - 45			
STD-COM-133	256 - 67			
STD-COM-133	256 - 99			
STD-COM-137	256 - 4			
STD-COM-137	256 - 27			
STD-COM-137	256 - 52			
STD-COM-137	256 - 75			
STD-COM-137	256 -107			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES: SOURCE	CODES: RECOVER	CODES: USE
STD-COM-138		256 - 7			
STD-COM-138		256 - 31			
STD-COM-138		256 - 53			
STD-COM-138		256 - 78			
STD-COM-138		256 -110			
STD-COM-139		256 - 6			
STD-COM-139		256 - 29			
STD-COM-139		256 - 54			
STD-COM-139		256 - 79			
STD-COM-140		259 - 29			
STD-COM-148		256 - 12			
STD-COM-148		256 - 30			
STD-COM-148		256 - 55			
STD-COM-148		256 - 80			
STD-COM-148		256 -111			
STD-COM-149		256 - 17			
STD-COM-149		256 - 42			
STD-COM-149		256 - 65			
STD-COM-149		256 - 91			
STD-COM-149		256 -120			
STD-COM-150		259 - 42			
STD-COM-151		259 - 4			
STD-COM-152		259 - 3			
STD-COM-153		259 - 30			
STD-COM-154		254 - 53			
STD-COM-154		259 - 58			
STD-COM-154		260 - 12			
STD-COM-155		260 - 13			
ST2001		177 - 14			
SW172		161 - 12			
SX219		268 - 65			
SX219		268 - 83			
S0200FM1		121 -			
S080477		192 - 5			
S080577		95 - 3			
S082539		204 - 79			
S100		217 - 53			
S1000142-1312		268 - 10			
S1000142-407		268 - 12			
S1000402		6A			
S1000402-2		4 - 85			
S1000752		202 - 24			
S1000752		203 - 53			
S1000752		206 - 3			
S1000752		207 - 5			
S1000759********		(See last page of index)			
S1000759-120-320		215 - 25			
S1000760		3 - 15			
S1000760		3 - 15			
S1000760		3 - 16			
S1000760		3 - 16			
S1000760AD2324		25 - 5			
S1000760AS1412		204 - 38			
S1000760AS1520		204 - 39			
S1000760AS52-23		6 - 8			
S1000760BS5223		4 - 63			
S1000760BS5223		4 - 63			
S1000760BS5223		4 - 64			
S1000760BS5223		4 - 64			
S1000760S6716		10 - 17			
S1000760S6716		10 - 18			
S1000760S6716		10 - 19			
S1000760S6716		10 - 20			
S1000822-3200		27 - 7			
S1000822-416		18 - 27			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES: SOURCE	CODES: RECOVER	CODES: USE

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES: SOURCE	CODES: RECOVER	CODES: USE

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES: SOURCE	CODES: RECOVER	CODES: KIT
S1000822-4400		27 - 31			
S1000822-4916		18 - 28			
S1000822-600		27 - 36			
S1000822-7600		27 - 35			
S1000822N14208		19A- 12			
S1000822N428		18 - 27			
S1000822N4920		18 - 28			
S1001731-1928		42 - 11			
S1003342		268 - 6			
S1003342		268 - 28A			
S1003342		276 - 34			
S1004331		92 - 18			
S1004331		96 - 16			
S1004348		96 - 17			
S1005306		130 - 9			
S1005307		111 - 9			
S1005353-1		130 - 49			
S1005353-2		130 - 49			
S1005410		116 - 9			
S1005430		116 - 7			
S1005485-1					
S1005485-2					
S1005593		130 - 53			
S1006211		19 - 25			
S1006275		96 - 14			
S1007327		111 - 12			
S1007328		111 - 11			
S1007329		111 - 10			
S1007330		111 - 38			
S1007331		111 - 35			
S1007332		111 - 34			
S1007336		111 - 25			
S1007337		111 - 31			
S1007349-2200		209 - 45			
S1007349-7100		209 - 46			
S1007638-1		18A- 3			
S1007693		111 - 5			
S1007694		111 - 23			
S1007965		111 - 8			
S1008029-50					
S1009399					
S1009399-1					
S1010632-18-100		279 - 33			
S1011536-1		203 - 15			
S1011536-2		204 - 44			
S1011863-1					
S1012947-2		192 - 47			
S1012947-2		192 - 50			
S1012953D024-012		119 - 26			
S1012954D024-012		119 - 28			
S1012954D110-012		119 - 38			
S1012954D116-012		125 - 22			
S1012954D126-012		125 - 31			
S1012954D400-010		122 - 9			
S1014362-1					
S1014362-2					
S1014362-3					
S1017602-5020		18A- 10			
S1017850		157 - 13			
S1017850		157 - 23			
S1017850		157 - 27			
S1018327-100		201 - 31			
S1018327-100		204 - 30			
S1018734-024		31 - 17			
S1019166		144 - 36			
S1019166		146 - 40			
S1019166		148 - 47			
S1019166		150 - 50			
S1019166		166 - 47			
S1019188-2		98 - 21			
S1019188-3		98			
S1019534		157 - 14			
S1019534		157 - 22			
S1019534		157 - 26			
S1019739		262A- 22			
S1023799A12		144 - 55			
S1024864		111 - 29			
S1024865		111 - 30			
S1024866		111 - 32			
S1024867		111 - 36			
S1024886		85 - 35			
S1024887		85 - 11			
S1024887-1		85			
S1024889		85 - 16			
S1024890		85 - 18			
S1024891		85 - 31			
S1024892		85 - 32			
S1024893		85 - 21			
S1024893-1		85 - 22			
S1024896		85 - 7			
S1024897		85 - 33			
S1024900		85 - 19			
S1024901		85 - 13			
S1025880		85 - 17			
S1026099-2		208 - 10			
S1026301-6-10		21 - 47A			
S1026425					
S1026425AD3					
S1026425AD3-4					
S1026425AD4					
S1026425AD4-16					
S1026425AD4-5					
S1026425AD4-6					
S1026425AD4-7					
S1026425AD4-8					
S1026425AD4-9					
S1026614-03-003		92 - 2			
S1026614-3-012		61 - 41			
S1026614-4-009		26 - 16			
S1026614-4-102		44 - 16			
S1026614-6-115		203 - 32			
S1026614G3-011		62 - 63			
S1026614G3-08		204 - 49			
S1026755		85 - 30			
S1026811		209 - 22			
S1027304-10-14		213 - 36			
S1027689A524		156 - 27			
S1027689A600		156 - 26			
S1027956-10D3					
S1027965S091-324		215 - 8			
S1029421-10-10		55 - 34			
S1029421-10-10		98 - 16			
S1029421-6-12		139 - 22			
S1029421-6-28		279 - 71			
S1029421-6-8		131 - 14			
S1029421-8-10		193 - 17			
S1029421-8-8		17 - 15			
S1029421-8-8		193 - 18			
S1029657-10-8		51 - 1			
S1029657-8-8		25 - 22			
S1029657P10-7		51 - 45			
S1029679P6-32		67 - 4			
S1029679S8-6		18 - 12			
S1029728		71 - 11			
S1029728		71			
S1030901		71 - 8			
S1031080		91 - 2			
S1031662-4S		110 - 13			
S1031662-6S		117 - 78			
S1031662-8S		123 - 11			
S1032828		44 - 1			
S1033774-16-047		131 - 15			
S1034397********		(See last page of index)			
S1035349		46 - 68			
S1035349		75 - 2			
S1035349		77 - 32B			
S1035349-1		46 - 60			
S1036877		218 - 46B			
S1039055		46 - 43			
S1039055		46 - 52			
S1039966-200		12 - 24			
S104008					
S1046451		113 - 14			
S1046452		113 - 19			
S1046469		113 - 23			
S1046470		113 - 22			
S1047635		10 - 51			
S1047635		203 - 55			
S1047635		231 - 21			
S104847-2-00		18A- 12			
S1049003D004		112 - 30			
S1049003D012		118 - 18			
S1049017-10-7		7A- 17			
S1049017-8-8		18 - 24			
S1049017-8-8		31 - 35			
S1049017-8-8		215			
S1049048-124		39 - 8			
S1057256		156			
S1059615-1014		18 - 31			
S1059615-1110		18 - 29			
S1059615-1114		18 - 29			
S1059615-4324		18 - 30			
S1059615-4328		18 - 30			
S1066288		116 - 4			
S1066851		40 - 19			
S1067507		77 - 14			
S1067507		77 - 58			
S1070624		116 - 14			
S1070625		116 - 11			
S1072036		116 - 13			
S1072037		116 - 10			
S1072388-4		79 - 53			
S1072388-8		79 - 16			
S1072388-8		79 - 18			
S1072388-8		79 - 21			
S1072388-8		79 - 54			
S1072388-8		179 - 40			
S1073030		77 - 6			
S1073340-0016		206 - 13			
S1073811-10-120		262A			
S1073811-10-120		262A			
S1073811-10-120		263 - 8A			
S1073811-12-120		262A			
S1075369		117 - 55			
S1075888-10A		127 - 5A			
S1075888-6		126 - 40C			
S1075888-6A		126 - 40B			
S1075888-6A		127 - 2A			
S1075888-8A		127 - 4A			
S1076735-1					
S1076735-2					
S1076743-4		209 - 21			
S107926-2		147 - 12			
S107926-2		149 - 20			
S107926-2		151 - 4			
S107926-2		163 - 6			
S1080328-2300		140 - 70			
S1080328-2300		197 - 53			
S1080328-5300		208 - 25			
S1080930********		(See last page of index)			
S1080930-02C		18A- 19			
S108111-016		77 - 10			
S1081111-124		76 - 61			
S1082998		155 - 27			
S1082998		274 - 2			
S1082998		274 - 30			
S1082998		275 - 1			
S1084383S412		215 - 26			
S1085061		232 - 42			
S1085061-1800		102 - 15			
S1085061-2500		102 - 14			
S1085061-2800		102 - 13			
S1086301-12					
S1086301-15					
S1086301-4					
S1086301-5					
S1086301-6					
S1086301-7					
S1086301-9					
S1093732		157 - 45			
S1093732		262A- 31			
S1093732		268 - 22			
S1093732		272 - 34			
S1093732		272 - 51			
S1093732		272 - 57			
S1093732		273 - 19			
S1093732		278 - 39			
S1093732-2		153 - 6			
S1093732-2		153 - 35			
S1093732-2		161 - 39			
S1093732-2		190 - 13			
S1093732-2		262A- 13			
S1093732-2		265 - 38			
S1093732-2		270 - 28			
S110242-3-6H		19 - 26			
S110242-4-11H		82 - 32			
S110242-4-12AH		112 - 2			
S110242-4-3AH		71 - 13C			
S1104799-2		111 - 39			
S1105759-1008		136 - 10			
S1105759-1008		136 - 11			
S1105759-11528		136 - 17			
S1105759-11528		136 - 18			
S1105759-5324		131 - 19			
S1105759-5324		131 - 20			
S1105759-6610		136 - 8			
S1105759-6610		136 - 9			
S1105759-7124		131 - 29			
S1105759-7200		131 - 29			
S1105759-7324		131 - 30			
S1105759-7328		131 - 30			

PART NUMBER	VOL.	FIGURE AND INDEX NUMBER	CODES: SOURCE	CODES: RECOVER	CODES: KIT
S1105759-8516		131 - 21			
S1105759-8520		131 - 22			
S1105759-8524		131 - 22			
S1105759-8528		131 - 26			
S1105759-8612		131 - 25			
S1105759-8616		131 - 26			
S1105759-8620		131 - 21			
S1105759-8704		131 - 23			
S1105759-8712		131 - 24			
S1105759-8716		131 - 23			
S1105759-8724		131 - 25			
S1105759-906		136 - 6			
S1105759-906		136 - 7			
S1108310********		(See last page of index)			
S1108310********		(See last page of index)			
S1108310********		(See last page of index)			
S1108310********		(See last page of index)			
S1108310********		(See last page of index)			
S1108310********		(See last page of index)			
S1108310-216-124		220 - 24			
S1108310-216-423		220 - 25			
S1108310-316-900		220 - 38			
S1108339A		232 - 34			
S110845		86 - 19			
S1109234-2		74 - 42			
S1110293		73 - 59			
S1110293		73			
S1110293		84 - 15			
S1110293		84 - 21			
S1110293		84 - 23			
S1110293		84 - 36			
S1110293		84 - 38			
S1110293		128 - 6			
S1111276					
S1111820		272 - 76			
S1111904		81 - 38			
S1111904		82 - 13			
S1111904		83 - 4			
S1111904		87 - 20			
S1111908********		(See last page of index)			
S1111984		82A- 10			
S1113318-12		33 - 4			
S1113521		75 - 19			
S1114003-4-11		85 - 51			
S1114189Z6-6		269 - 39			
S1114191A6-8		143 - 73			
S1114191Z4-5		211 - 37			
S1114191Z4-5		211 - 45			
S1114191Z6-8		211			
S1114191Z8-6		209 - 15			
S1114191Z8-8		208 - 21			
S1114425		46 - 39			
S1114438-308		40 - 5			
S1114438-308		46 - 18			
S1114949-108		199 - 18			
S1114949-108		199 - 22			
S1115070-4700)		213 - 68			
S1115071-1200		213 - 69			
S1115071-1816		213 - 70			
S1115071-2300		213 - 67			
S1115424		262 - 47			
S1116276-626		81 - 25			
S1117181-1024		41 - 12			
S1117297-3900		43 - 21			
S1117297-5816		42 - 19			
S1117439-1-00		2 - 63			
S1118078-1016		213 - 86			
S1118078-1726		213 - 79			
S1118078-2108		213 - 84			
S1118078-4600		213 - 85			
S1118551		33 - 29			
S1118551		33 - 40			
S1118551		33 - 48			
S111904-10-206		126 - 49			
S111904-12-223		121 - 37			
S111904-12-301		121 - 46			
S111904-14-219		126 - 50			
S111904-4-2028		79 - 72			
S111904-6-111		114 - 46			
S111904-6-223		114 - 45			
S111904-8-526		121 - 53			
S111904-9-3238		123 - 47B			
S111904-9-5198		123 - 48			
S1119554		204 - 32			
S1119555-1A		204 - 33			
S1119555-2A		204 - 32			
S1119840-16800		27 - 5			
S112585		102 - 7			
S1130612-10-12		33 - 5			
S1131637-024		70 - 44			
S1133322-1010		132 - 53			
S1133322-1102		132 - 59			
S1133322-710		132 - 63			
S1133322-816		132 - 57			
S1133322-920		132 - 64			
S1134068					
S1139244		283 - 76			
S1143072					
S1145656		71 - 19			
S1145657		71 - 21			
S1146898		157 - 15			
S1146898		157 - 18			
S1146898		157 - 28			
S1146898		204 - 23			
S1146898		204 - 31			
S1147861-12		232 - 33			
S1152309		74 - 35			
S1159934-300		49 - 7			
S1161144-18		116 - 2			
S1161144-20		114			
S1161144-31		116 - 6			
S1161144-8		115 - 12			
S1161849		218 - 31			
S116500-10B24		283 - 34			
S116500-10C107G		7A- 12			
S116500-12B100		117 - 87			
S116500-16B28		283 - 40			
S116500-16C108		121 - 48			
S116500-18B124		121 - 49			
S116500-2C004		279 - 57			
S116500-20C020		121 - 78			
S116500-3B005		21 - 36			
S116500-3B016		76 - 36			
S116500-3C004		78 - 65			
S116500-3C005		279 - 53			
S116500-3C008		52 - 11			
S116500-3C008		53 - 10			
S116500-3N008		52 - 16			
S116500-3S005		106 - 22			
S116500-3S005		106 - 26			
S116500-3S005		106 - 50			
S116500-4C012		119 - 20			
S116500-4C012		119 - 32			
S116500-4C012		120 - 22			
S116500-4C012		120 - 31			
S116500-4C015		79 - 79			
S116500-5B010		76 - 35			
S116500-5B016		76 - 34			
S116500-5B14		283 - 54			
S116500-5C008		129 - 54			
S116500-5S008		222 - 12			
S116500-6B013		119 - 4			
S116500-6B013		120 - 5			
S116500-6B026		76 - 37			
S116500-8B027		21 - 40			
S116500-9C124		9 - 40			
S117016					
S1173821-12200		25 - 6			
S1173821LT3200		25 - 7			
S117425-3C102		200 - 8			
S117425-3C102		200 - 15			
S117425-3S010		193 - 36			
S117425-3S07		193 - 5			
S117425-4C016		47 - 13			
S117425-6D003		98 - 13			
S117426-6S101		193 - 4			
S117426-6S104		192 - 12			
S119173		78 - 61			
S119173-1		78 - 30			
S119173-2		78 - 35			
S119174		78 - 53			
S119174-4		78 - 36			
S119311		192 - 49			
S119478-10-120		268 - 40			
S119478-10-120		268 - 81			
S119478-10-120		269 - 29			
S119478-18-120		268 - 38			
S119478-18-120		269 - 30			
S119478-22-120		265 - 24			
S119478-8-120		268 - 41			
S119478-8-120		268 - 55			
S119478-8-120		268 - 63			
S119478-8-120		268 - 71			
S119478-8-120		269 - 5			
S119478-8-120		269 - 12			
S119478-8-120		269 - 18			
S119478-8-120		269 - 28			
S1202319		283 - 11			
S1203000-2		51 - 50			
S120357-6A16		43 - 12			
S1205247		217 - 86			
S1205247		242 - 40			
S121873-081-1928		23 - 8			
S121873-081-2124		279 - 12			
S121873-081-3300		197 - 8			
S121873-081-3516		23 - 24			
S121873-081-428		279 - 9			
S121873-091-1012		217 - 4			
S121873-091-1016		4 - 36			
S121873-091-104		232 - 40			
S121873-091-1124		216 - 27			
S121873-091-1124		277 - 5			
S121873-091-1124		278 - 5			
S121873-091-1226		217 - 3			
S121873-091-1312		217 - 43			
S121873-091-1428		216 - 2			
S121873-091-1720		217 - 46			
S121873-091-1912		217 - 40			
S121873-091-2024		17 - 1			
S121873-091-214		8 - 33			
S121873-091-214		51 - 65			
S121873-091-214		54 - 5			
S121873-091-222		263 - 46			
S121873-091-228		19A- 17			
S121873-091-2904		196 - 9			
S121873-091-300		9 - 6			
S121873-091-300		11 - 16			
S121873-091-300		231 - 36			
S121873-091-300		237 - 26			
S121873-091-300		240 - 45			
S121873-091-300		241 - 75			
S121873-091-320		10 - 2			
S121873-091-4-4		8 - 13			
S121873-091-408		13 - 7			
S121873-091-408		19A- 24			
S121873-091-408		49 - 54			
S121873-091-408		56 - 10			
S121873-091-414		10 - 10			
S121873-091-414		10 - 29			
S121873-091-420		197 - 31			
S121873-091-428		16 - 30			
S121873-091-428		241 - 66			
S121873-091-624		4 - 41			
S121873-091-624		11 - 25			
S121873-091-724		214 - 54			
S121873-091-800		276 - 5			
S121873-091-908		217 - 22			
S121873-091-928		213 - 52			
S121873-120-2308		25 - 3			
S121873S064-0019		281 - 3			
S121873S081-112		279 - 49			
S121873S081-1200		203 - 47			
S121873S081-2228		19A- 11			
S121873S081-224		2 - 19			
S121873S081-3016		8 - 23			
S121873S081-304		2 - 15			
S121873S081-324		264 - 6			
S121873S081-410		2 - 9			
S121873S081-416		2 - 23			
S121873S091-3300		214 - 10			
S121873S091-3326		2 - 42			
S121874ADC324		215 - 9			
S121874AD216		8 - 34			
S121874AD216		8 - 35			
S121874AD304		19A- 19			
S121874AD412		9 - 7			
S121874AD628		11 - 27			
S121874AD728		214 - 55			
S121874AD912		11 - 26			
S1218748D2128		279 - 13			
S1218748D216		8 - 36			
S1218748D216		8 - 37			
S1218748D304		19A- 20			
S1218748D3520		6 - 5			
S1218748D500		279 - 16			
S1218748D6416		199 - 14			
S1218748D728		214 - 56			
S121874D		232 - 41			
S121874DC304		2 - 16			
S121874DC3800		197 - 9			
S121874DC412		2 - 10			

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S121874DC4800		19A- 16			
S121874DC510		2 - 24			
S121874D1000		213 - 53			
S121874D2020		23 - 9			
S121874D226		263 - 48			
S121874D3002		196 - 10			
S121874D324		10 - 3			
S121874D426		197 - 32			
S121874D500		10 - 28			
S121874D500		10 - 30			
S121874D500		16 - 31			
S121874D500		241 - 67			
S121874D804		276 - 6			
S121874S304		11 - 17			
S121874S304		231 - 37			
S122987		194 - 35			
S122988-1		194 - 37			
S122988-2		194 - 38			
S122990		194 - 31			
S124360-1375-6		271 - 6			
S124360-750-2		262A- 2			
S124360-750-3		262 - 23			
S124604-10-10		75 - 18			
S124604-10-10		194 - 29			
S124604-10-10		194 - 34			
S124604-10-11		53 - 8			
S124604-10-11		95 - 4			
S124604-10-13		95 - 6			
S124604-10-7		28 - 2			
S124604-10-8		21 - 38			
S124604-10-8		28			
S124604-10-8		92 - 9			
S124604-10-8		98 - 14			
S124604-10-8		101 - 20			
S124604-10-8		105 - 12			
S124604-10-8		134 - 42			
S124604-10-8		139 - 9			
S124604-2-10		17 - 40			
S124604-2-10		50 - 20			
S124604-2-10		51 - 3			
S124604-2-10		55 - 25			
S124604-2-12		52 - 2			
S124604-2-13		53 - 13			
S124604-2-14		88 - 22			
S124604-2-16		130 - 39			
S124604-2-9		52 - 15			
S124604-30-5		95 - 23			
S124630-8-10					
S124630-8-8		95 - 15			
S12463086-6		275 - 2A			
S12463086-6		275			
S12463086-6		275 - 9B			
S12463086-7		274			
S12463086-7		274			
S124681D17-032		36 - 61			
S124682-1D6-040		279			
S124682-1S8-034		279			
S124682-1S8-4		95 - 17B			
S124682-12S18-6		126 - 33B			
S124682-2A10-4		265 - 1A			
S124682-2D10-5		142 - 24			
S124682-2D10-6		64 - 59			
S124682-2D10-6		65 - 19			
S124682-2D10-6		66			
S124682-2D16-065		217			
S124682-2D8-091		284 - 33A			
S124682-3D10-049		209 - 18			
S124682-3D10-051		33 - 64			
S124682-3D10-051		279 - 51			
S124682-3D10-063		285			
S124682-3D10-064		103			
S124682-3D10-064		103 - 24A			
S124682-3D10-091		279 - 52			
S124682-3D10-3		142 - 25			
S124682-3D10-5		33 - 9			
S124682-3D7-032		103			
S124682-3D7-032		103 - 24B			
S124682-3D7-032		129 - 27			
S124682-3D7-6		76 - 3			
S124682-3FT7063		123 - 36A			
S124682-3F8-25		222 - 36B			
S124682-3F8-25		224 - 69			
S124682-3S10-022		276 - 43			
S124682-3S10-035		46 - 29			
S124682-3S10-062		46 - 31			
S124682-3S10-3		24 - 68			
S124682-3S10-6		24 - 69			
S124682-3S10-6		193 - 7C			
S124682-3S10-6		273 - 13B			
S124682-30-10					
S124682-4D14-6		32 - 14B			
S124682-4D20-064		64 - 48			
S124682-4D20-064		66			
S124682-4D20-2		65 - 63			
S124682-4D24-4		142 - 11			
S124682-4S10-035		46 - 30			
S124682-4S14-065		137 - 21			
S124682-4S14-4		106 - 53A			
S124682-4S14-5		78 - 47			
S124682-6D10-064		114 - 58A			
S124682-6D12-020		128 - 22			
S124682-6D12-6		155			
S124682-6S10-034		26 - 17			
S124682-6S12-6		85 - 14			
S124682-8S14-3		126 - 26B			
S124682-8S14-6		24 - 73			
S126221-3-12-18		119 - 24			
S126480-10H		64 - 78			
S126480-10L		64 - 15			
S126480-10L		64			
S126480-12L		63			
S126480-12L		64 - 54			
S126480-16L		64 - 55			
S126480-18		64 - 34			
S126480-18		65 - 57			
S126480-18		66 - 25			
S126480-18H		64			
S126480-18H		65			
S126480-18M		66			
S126480-22		64 - 74			
S126480-22M		66			
S126480-8L		64 - 4			
S126480-8L		64 - 26			
S126556		86 - 24			
S127057-10		143			
S127057-10		143 - 12			
S127057-10		146 - 3			
S127057-10		148 - 3			
S127057-10		150 - 3			
S127057-10		214 - 30			
S127057-12		142 - 40			
S127057-12		143 - 11			
S127057-12		146 - 4			
S127057-12		148 - 4			
S127057-12		150 - 4			
S127057-14		143 - 10			
S127057-15		143 - 9			
S127057-16		142 - 39			
S127057-16		214 - 28			
S127057-17		214 - 60			
S127057-24		265 - 9			
S127057-33		265 - 26			
S127057-33		266 - 47			
S127057-7		144 - 2			
S127057-7		146 - 2			
S127057-8		144 - 8			
S127057-86		102 - 21			
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S127565		17 - 6			
S1284952		71 - 18A			
S129413		107 - 41			
S129787AD304		9 - 8			
S129787AD912		217 - 24			
S129787D1128		216 - 28			
S129787D1304		4 - 37			
S129787D1500		216 - 4			
S129787D412		13 - 8			
S129787D412		19A- 26			
S129787D412		49 - 55			
S129787D412		56 - 11			
S129787D912		4 - 42			
S12990OD3520		23 - 25			
S12990OD6804		214 - 11			
S1299000804		276 - 6			
S130334					
S130334-1					
S130671					
S130671-1					
S130892-15-18		95 - 31			
S130893-128		17 - 36			
S130906-024		31 - 18			
S130909-024		125 - 4			
S130909S0-24		123 - 18			
S130983-1000		209 - 53			
S130983-12400		208 - 31			
S130983-1500		209 - 52			
S130983-1900		208 - 19			
S130983-2000		209 - 54			
S130983-22-11000		209 - 40			
S130983-22-14000		209 - 27			
S130983-22-14400		209 - 30			
S130983-22-2400		209 - 47			
S130983-22-3600		208 - 27			
S130983-22-4200		209 - 55			
S130983-22-7200		209 - 34			
S130983-22-7900		208 - 38			
S130983-2400		208 - 18			
S130983-2400		208 - 32			
S130983-2400		209 - 65			
S130983-2500		209 - 37			
S130983-2700		209 - 62			
S130983-316		209 - 70			
S130983-4400		209 - 73			
S130983-500		209 - 43			
S130983-5400		209 - 58			
S130983-6400		209 - 76			
S130983-6800		208 - 36			
S131079		81 - 14			
S131079		82 - 44			
S131079-1		82 - 45			
S131713-1		18 - 19			
S131713-2		18 - 22			
S131736-3C010		41 - 68			
S131736-3C010		41 - 81			
S131736-3S006		46 - 26			
S131736-3S006		46 - 41			
S131736-4S012		106 - 46			
S131736-7C009		7 - 25			
S131878		19 - 24			
S131878-1		19			
S131899		82 - 36			
S131911		204 - 80			
S132008		19 - 28			
S132008-1		19 - 28			
S132100-3-4A		114 - 77			
S132100-4-11A		44 - 9			
S132100-6-11A		203			
S132184		9 - 51			
S132394		19 - 12			
S132798-4700		216 - 5			
S132942		31 - 7			
S132942		36 - 9			
S132942		198 - 9			
S132942		202 - 3			
S132942-3		32 - 14D			
S132942-3		36 - 10			
S1329935-12-4016		8 - 20			
S1329935-8-3224		199 - 7A			
S1329935-8-3400		199 - 7			
S1329935-8-3704		199 - 3			
S1329935-8-3812		199 - 3A			
S1329935-8-4216		199 - 6			
S1329935-8-4324		199 - 5			
S1329935-8-4616		199 - 4			
S1329935-8-4704		199 - 1			
S1329935-8-4812		199 - 2			
S1330195		164			
S133210		30 - 18			
S133246		40 - 21			
S133288					
S133329		30 - 25			
S133509-10		156 - 2			
S133509-15		263 - 47			
S133509-16		51 - 66			
S133509-16		54 - 6			
S133509-4		19A- 25			
S133509-4		217 - 23			
S133538		269 - 8			
S133538		269 - 19			
S133582		3 - 21			
S133658		4 - 60			
S133658		10 - 29			
S133916		87 - 65			
S134019		79 - 82			
S134569-10		209 - 1A			
S134808		13			
S134808		13			
S134808-1		13 - 42			
S134808-1		13 - 77			
S134894		276 - 4			
S134903-028		277 - 3			

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			SOURCE	RECOVER	KIT
S134903-028		278 - 3			
S134903-128		17 - 34			
S135202					
S1353311-816		197 - 13			
S136223		208 - 22			
S136223		212 - 23			
S136555-5-23		279 - 72			
S136713		4 - 38			
S136713		4 - 43			
S136713		8 - 11			
S136713		8 - 16			
S136713		8 - 32			
S136713		10 - 4			
S136713		10 - 12			
S136713		10 - 32			
S136713		11 - 28			
S136713		19A- 21			
S136713		192 - 25			
S136713		212 - 26			
S136713-1		194 - 4			
S136713-1		212 - 42			
S136713-1		212 - 49			
S136713-1		217 - 6			
S136713-1		217 - 26			
S136713-1		217 - 90			
S136713-1		231 - 24			
S136714		8 - 12			
S136714		10 - 14			
S136714		10 - 36			
S136714		16 - 8			
S136714		164 - 12			
S136714		192 - 23			
S136714		204 - 77			
S136714		217 - 30			
S137058-100		215 - 18			
S137058-104		215 - 19			
S137220-128200		217 - 74			
S137220-24-200		278 - 54			
S137302		8 - 17			
S137302		8 - 28			
S137302		10 - 6			
S137302		217 - 7			
S137302		217 - 76			
S137302		217 - 80			
S138275-5-32		14 - 17			
S138275-5-32		15 - 18			
S138275-6-16		114			
S138275-6-19		128 - 36			
S138275-6-24		114 - 80C			
S138275-6-38		128 - 37			
S138275-6-57		128 - 35			
S138687-1		98 - 23			
S138695		98 - 22			
S138696		98 - 20			
S138749		208 - 16			
S138749		208 - 26			
S138749		208 - 35			
S138757		114			
S138758		114			
S138759		114			
S139034		208 - 17			
S139114		21 - 26			
S139147		117 - 88			
S139187		90 - 59			
S139231		21 - 16			
S139275-6-24		110 - 53			
S139670		88 - 35			
S139675		208 - 44			
S139675		214 - 64			
S139744-0028					
S139744-1-18					
S139987		16 - 23			
S139987-1		16 - 23			
S140405		78 - 29			
S140405		78 - 49			
S141905		201 - 27			
S141905		202 - 5			
S141905		213 - 35			
S142579					
S14257955					
S142746					
S143358-020A		79 - 32			
S143358-021A		82A- 13			
S143358-023A		79 - 2			
S143358-023A		84A			
S143358-023A		84A- 33			
S143358-024A		79 - 25			

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			SOURCE	RECOVER	KIT
S143358-024A		84 - 25			
S143358-028A		82A- 32			
S143358-028A		84A- 15			
S143358-030A		82A- 31			
S143358-101A		84 - 26			
S143358-101A		84A- 18			
S143358-102A		79 - 57			
S143358-103A		81 - 44			
S143358-103A		81 - 51			
S143358-103A		83 - 28			
S143358-104A		82A- 24			
S143358-104A		83 - 28A			
S143358-105A		84A			
S143358-106A		84A- 9			
S143358-114A		81A- 12			
S143358-119A		81A- 1			
S143358-200A		81 - 50			
S143358-202A		79 - 1			
S143358-204A		82 - 24			
S143358-220A		82 - 23			
S143671-2400		208 - 34			
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S143908**********		(See last page of index)			
S143908**********		(See last page of index)

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S171658-3		268 - 61			
S171658-4		262A- 14			
S171660-3		64 - 18			
S17377		159			
S17378		159			
S176000********		(See last page of index)			
S177469-3-1428		268 - 15			
S177469-3N12000		217 - 71			
S177469-3N9600		217 - 56			
S177469N7-2205		278 - 55			
S177469N7-3719		263 - 50			
S177469N7-3719		263 - 68			
S177469N7-518		278			
S177469N7-904		265 - 15			
S177469N7-904		266 - 44			
S177469N7-924		278 - 56			
S183417-1024		41 - 11			
S183637		202 - 19			
S2001405-2038		47			
S2001405-2050		47			
S2001405-2070		47 - 15			
S2001405-2084		47			
S2001405-38		47 - 10			
S2001405-50		47 - 8			
S2001405-70		47 - 7			
S2001405-84		47 - 9			
S2002538		129 - 42			
S2003946		76 - 17			
S2003947		76 - 8			
S2004249-1		78 - 66			
S2004272		81A- 11			
S2004272-1		81A- 11			
S2005009-5		37 - 1			
S2005009-5		214 - 67			
S2005322-2		130 - 30			
S2005322-3		130 - 31			
S2005323-1		130 - 29			
S2005355-1		130 - 50			
S2005355-2		130 - 50			
S2005358-1		81 - 11			
S2005427		116 - 5			
S2005429		116 - 1			
S2005468-2		4 - 61			
S2005468-2		10 - 26			
S2005468-3		4 - 61			
S2005468-3		10 - 26			
S2005504-2		4 - 62			
S2005504-2		10 - 27			
S2005504-3		4 - 62			
S2005504-3		10 - 27			
S2005545-1		130 - 42			
S2005594		130 - 57			
S2005594-1		130 - 58			
S20056730C4016		8 - 21			
S2005873		92 - 10			
S200595		110 - 84			
S2007339		111 - 16			
S2007339-4		111 - 19			
S2007762		83 - 26			
S2007762-1		83 - 26			
S2009020-124N		276 - 52			
S2009020-2		276 - 35			
S2010070		113 - 28			
S2015659		192 - 37			
S2015660		192 - 38			
S2015660-1		192 - 38			
S2016721		192 - 41			
S2016721-1		192 - 42			
S2018133-1		7A- 13			
S2018992		16 - 64			
S2022604		88 - 33			
S2024790		104 - 7B			
S2024792		104 - 8A			
S2024902		85 - 37			
S2024903		85 - 26			
S2024917		85 - 20			
S2026476		209 - 24			
S2032516-1300		46 - 73			
S2032516-1300		75			
S2032516-1608		75			
S2032516-1628		75			
S2032516-2324		75 - 8			
S2032516-2408		75 - 7			
S2032516-2500		75 - 9			
S2032516-910		46 - 73			
S2032516A1300		46 - 66			
S2032516A1300		75			
S2032516A1608		75			
S2032516A1628		75			
S2032516A2324		75			
S2032516A2408		75			
S2032516A2500		75			
S2032879-8A7-12		144 - 52			
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S2033901********		(See last page of index)			
S2033901********		(See last page of index)			
S2042835		39 - 31			
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S2062606-2838187		183 - 39			
S2062646-301S3		51 - 20			
S2062646-301S3		52 - 5			
S2072842		98 - 28			
S2073109		24 - 19			
S2073109		24 - 20			
S2074406********		(See last page of index)			
S2074406CC32424		88 - 36			
S2074406CC34624		94 - 9			
S2074406CC49708		94 - 10			
S2074406CD28616		79 - 50			
S2074406CD28616		80 - 2			
S2074406CD48806		84 - 2			
S2074406CD48806		84A- 2			
S2074406ED2116		139 - 4			
S2074406ED2716		139 - 5			
S2074406EE5226		81A- 40			
S2074407CC2516		55 - 5			
S2074407CC29200		105 - 20			
S2074407EF48800		121 - 2			
S2074407EH47912		84A- 8			
S2074408********		(See last page of index)			
S2074408CH3802		81A- 32			
S2074408GH703		81A- 44			
S2074410CE47904		82 - 17			
S2074410CE50404		81 - 43			
S2074410CG3412		81 - 6			
S2074410CG5024		81 - 41			
S2074410CG8916		83 - 13			
S2074410EE48004		82A- 4			
S2074410EE48516		82A- 1			
S2074410EE53024		81 - 32			
S2074410EG11224		83 - 14			
S2074410EG11704		83 - 11			
S2074410EG15620		87 - 27			
S2074410EG8720		83 - 12			
S2074410EG8920		87 - 39			
S2074410FG10328		82 - 4			
S2074410FG11208		81A- 26			
S2074410FG2916		82 - 6			
S2074410FG5712		81 - 30			
S2074410FG5928		82 - 7			
S2074410FH12628		82A- 3			
S2074410FH15516		82A- 5			
S2074410FH16620		79 - 45			
S2074410FH16620		80 - 7			
S2074410FH16720		79 - 44			
S2074410FH16720		80 - 6			
S2074410GG8606		83 - 15			
S2074410HH1500		198 - 20			
S2074412BC33200		205 - 9			
S2076906-14		127 - 28			
S2076906-24		126 - 41			
S2076908-47		126 - 42			
S2085485-1604		46			
S2085485-1608		46			
S2085485-828		46			
S2085485-908		46 - 65			
S2085485A1604		46			
S2085485A1608		46 - 57			
S2085485A828		46			
S2085485A908		46 - 56			
S2106273		218 - 29			
S2106273-2		218 - 32			
S2110259		30 - 19			
S2114497		37 - 20			
S2114497		37 - 21			
S2114738		37 - 19			
S2114852		203 - 9			
S2115380		44 - 7			
S2117037		58 - 26			
S2117171		58 - 24			
S2117234		44 - 13			
S2117235		44 - 17			
S2118729		218 - 33			
S2119288-32		49 - 8			
S2130735		13 - 87			
S2132387		281 - 20			
S2132387		281 - 80			
S2132407		281 - 30			
S2139219		283 - 4			
S2139308		283 - 39			
S2139309		283 - 17			
S2139310		283 - 24			
S2139312		283 - 37			
S2139313		283 - 25			
S2139314		283 - 28			
S2139315		283 - 30			
S2139316		283 - 21			
S2139317		283 - 20			
S2139318		283 - 22			
S2139319		283 - 19			
S2139320		283 - 5			
S2139321		283 - 38			
S2139322		283 - 63			
S2139323		283 - 33			
S2139324		283 - 65			
S2139325		283 - 31			
S2139348		283 - 26			
S2139348		283 - 35			
S2139439		283 - 57			
S2139440		283 - 53			
S2139448		283 - 36			
S2139462		283 - 47			
S2139464		283 - 50			
S2139465		283 - 51			
S2139466		283 - 55			
S2139467		283 - 56			
S2139537		281 - 65			
S2139646		283 - 46			
S2139794		283 - 12			
S2139797		283 - 10			
S2139799		283 - 13			
S2139818		281 - 10			
S2139818		281 - 70			
S2139821		283 - 14			
S2140026		283 - 66			
S2141194		51 - 59			
S2141196		51			
S2141196		52			
S2141196-2		51 - 9			
S2141196-2		52 - 8			
S2141234		52			
S2141234-2		52 - 12			
S2141235		51			
S2141235-2		51 - 32			
S2160403		41 - 8			
S2175659		281 - 87			
S2175660		281 - 31			
S2175661		281 - 24			
S2175661		281 - 84			
S2209951-2		46			
S2209951-4		46			
S2209951-6		46			
S2209951-8		46			
S2245042S091-324		31 - 37			
S2245427B184		280 - 5			
S224605-3-18		86 - 43			
S224605-3-22		86 - 47			
S231083		81 - 18			
S231338		86 - 40			
S231511		82 - 22			
S231516		83 - 22			
S231516-1		83 - 22			
S231517		83 - 24			
S231517-1		83 - 24			
S231624		83 - 27			
S231914-1		84 - 8			
S2329442H4-46		39 - 22			
S2329442H8-76		39 - 10			
S233038-28S6		192 - 27			
S233308		4 - 79			
S233407		30 - 12			
S2365458		156 - 31			
S2365458-504		156 - 14			
S2365458-504		157 - 55			
S238WMTGPL		167X - 8			
S239988		16 - 22			
S239988-1		16 - 22			
S242732		14 - 11			
S242732		15 - 8			
S2433492-5					
S243492-5					

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES: SOURCE	RECOVER	USE
S245377		276 - 53			
S246096		209 - 3			
S246096		214 - 14			
S246096-1		209			
S246096-1		214 - 15			
S2565010-6-6		214 - 9			
S2656010-10-6		33 - 73			
S2656010-4-10		209 - 7			
S2656010-4-M		208 - 14			
S2656010-4-8		208 - 41			
S2656010-4-8		209 - 32			
S2656010-6-10		204 - 75			
S2656010-6-10		209 - 5			
S2656010-6-12		204 - 40			
S2656010-6-16		204 - 41			
S2656010-6-6		32 - 25A			
S2656010-6-6		266 - 78			
S2656010-6-8		27 - 1			
S2656010-6-8		209			
S2656010-8-1C		203 - 24			
S2656010-8-1C		209 - 14A			
S2656010-8-6		18A- 14			
S2656010-8-6		18A- 28			
S2656011-4-8		208 - 17A			
S2656011-4-8		208 - 35A			
S2656011-6-6		204 - 71			
S2656011-6-6		212			
S2656011-6-6		212			
S2656011-6-8		217 - 87			
S2656012		204 - 31A			
S2656012-4-4		215 - 28			
S2656012-4-6		42 - 2			
S2656012-4-6		43 - 2			
S2656012-4-6		208 - 28A			
S2656012-4-6		209 - 48A			
S2656012-4-6		212 - 22			
S2656012-4-8		208 - 3			
S2656012-4-8		208 - 34A			
S2656012-4-8		208 - 37A			
S2656012-4-8		208 - 39			
S2656012-4-8		209 - 28A			
S2656012-6-10		195 - 34			
S2656012-6-10		231 - 32			
S2656012-6-6		231 - 42A			
S2656012-6-8		208 - 44A			
S2656012-6-8		216			
S2656012-8-10		204 - 15			
S2656012-8-10		204 - 28A			
S2656012-8-10		204 - 28P			
S2656012-8-10		271 - 32			
S2656012-8-10		271 - 36A			
S2656012-8-12		18			
S2656012-8-12		272			
S2656012-8-16		18A- 2			
S2656012-8-6		215 - 23			
S2656012-8-8		29 - 20			
S2656012-8-8		228			
S270944		4 - 55			
S270944-1		4			
S271044		94 - 11			
S271044-1		94 - 12			
S271380		9 - 47			
S271380-1		9 - 48			
S271380-2		9 - 49			
S272778-1		114 - 6			
S4-200		171			
S4-200		205 - 25			
S4-225		12 - 17			
S4003803		76 - 38			
S4004238		85 - 53			
S4004239		85 - 54			
S4005372		81 - 12			
S4005433		116 - 16			
S4005434		114 - 36			
S4005434		116			
S4005434-2		116 - 15			
S4005453		82A- 30			
S4007343		111 - 40			
S4008573		194 - 8			
S4008573-1		194 - 8			
S4008574-2		194 - 10			
S4008574-3		194 - 10			
S4009021-200A		5 - 15			
S4009021-3		5 - 10			
S4024815		211 - 20			
S4024868		111 - 22			
S4046365-500		113 - 24			
S4058930-2		85 - 40			
S4058930-3		85 - 40			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES: SOURCE	RECOVER	USE
S4058931		85 - 36			
S4058931-1		85 - 36			
S4070989		13 - 90			
S4072098		13 - 57			
S4074667		96 - 38			
S4079694		165 - 44			
S4094852-416S		262 - 35			
S4094852-416S		276 - 74			
S4094852-6		262 - 31			
S4094852-6		276			
S4094852-8		276 - 68			
S4105783-200N		262A- 7			
S4105783-200N		268 - 25			
S4105783-200N		269 - 6			
S4105783-3		268 - 21			
S4105783-3		269 - 1			
S4107665-128N		262A- 43			
S4107665-200N		263 - 13			
S4107665-212N		262A- 16			
S4107665-212N		262A- 15			
S4107665-216N		64 - 73			
S4107665-216N		65 - 52			
S4107665-3		262A- 9			
S4107665-3		262A- 11			
S4107665-3		262A- 17			
S4107665-3		262A- 39			
S4107665-300N		262A- 18			
S4107665-300N		263 - 9			
S4109388-124N		271 - 21			
S4111765-208N		276 - 64			
S4111765-216N		271 - 30			
S4111765-3		271 - 27			
S4111765-3		276 - 54			
S4111766-208N		272 - 22			
S4111766-212N		273 - 13			
S4111766-3		272 - 14			
S4111766-3		273 - 10			
S4113016		199 - 29			
S4116262		58 - 16			
S4116762-2		276 - 8			
S4116762-216G		276 - 32			
S4116762-216N		271 - 14			
S4116762-3		271 - 10			
S4117237		44 - 12			
S4118870		44 - 11			
S4132384		281 - 21			
S4132384		281 - 81			
S4138115		241 - 65			
S4139793		283 - 15			
S4139816		283 - 9			
S4160528		201 - 38			
S4243264N10A		156 - 37			
S4243264N12		157			
S4243264N12A		156 - 22			
S4243264N12A		156 - 38			
S4243264N14A		156 - 39			
S4243264N16A		156 - 40			
S4243264N20A		156 - 41			
S4243264N20A		157 - 47			
S4243264N8A		156 - 17			
S4243264N8A		265 - 5			
S4244380-16		124 - 6			
S4244380-18		124 - 8			
S4244380-22		125 - 54			
S4244380-31		124 - 22			
S4244380-33		125 - 59			
S4244380-37		125 - 51			
S4248388-7		124 - 11			
S431340-2		86 - 30			
S431518		83 - 23			
S432413		87 - 38			
S432413-1		87 - 36			
S4372930-18A207		156 - 36			
S437582		4 - 82			
S437582		4 - 82			
S437658		4 - 76			
S4391470W162		159 - 24			
S4391470W230		158 - 1			
S4391470W98		159 - 6			
S5-200		9 - 18			
S5-225		277 - 7			
S5-225		278 - 8			
S5-225		279 - 25			
S5-225		283 - 69			
S5A250		13 - 6			
S5A-200		289 - 24			
S5A250		19A- 2			
S5A250		216 - 39			
S5K		139 - 20			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES: SOURCE	RECOVER	USE
S5007340-5		111 - 6			
S5007340-500		108 - 40			
S5007340-500		111			
S5008575-2		194 - 14			
S5008575-3		194 - 14			
S5072257		13 - 98			
S5072943		112 - 43			
S5074643-1		85 - 46			
S5074644-1		85 - 47			
S5074645-1		85 - 46			
S5082039		39 - 37			
S5095090-216S		270 - 48			
S5095090-6		270 - 41			
S5109152-128G		276 - 25			
S5114859-224N		262 - 29			
S5114859-224N		262A- 28			
S5116732-3		263 - 34			
S5116732-308N		263 - 71			
S5116732-310N		263 - 54			
S5118057		13 - 58			
S5135865-5-400		122 - 8			
S5135865-6-024		119 - 27			
S5135865-6-110		119 - 39			
S5135865-6-116		125 - 21			
S5135865-6-126		125 - 32			
S5137318		96			
S5137318-2		96 - 10			
S5137318-4		96 - 9			
S5139456		283 - 70			
S5139487		283 - 44			
S5139609		283			
S5141143		283 - 71			
S5141144		283			
S5141145		283			
S5141146		283 - 6			
S5141147		283 - 8			
S5141148		283 - 7			
S5154952J12		157 - 31			
S5154952M61		157 - 32			
S5154952M80		157 - 51			
S5161056		192 - 1			
S5161056-1		192			
S5165055-2273		256 - 36			
S5165055-2273		256 - 60			
S5165055-2207					
S5165055-2441					
S5165055-2442					
S5165055-2473					
S5165666-24					
S5165666-25					
S5165666-327					
S5165666-483		256 - 41			
S5165666-53H					
S5165666-592		256 - 44			
S5165666-592		256 - 76			
S5165666-592		256 -109			
S5293167A80C		157 - 25			
S5293167A80C		157 - 24			
S53C10085		46 - 49			
S571476-1		7A- 5			
S6-250		50 - 7			
S6-425		42 - 6			
TD800		172 - 21			
TD805M3		267 - 2			
TF100-2		60			
TF3500-4		60			
TL64006A		164 - 27			
TM201		161 - 32			
TS1H43AAPX72		2 - 3			
T1071-1		11 - 9			
T47( )/ART13		168 - 96			
T47A/ART13		154 - 2			
T67/ARC3		154 - 24			
T67/ARC3		168 - 38			
U-94A/U		167F - 15			
U-94A/U		167F - 30			
U-94A/U		167F - 58			
U-94A/U		167F - 84			
U-94A/U		167F - 105			
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UD14011DV8UB		58			
UD16011DV8UB		59			
UD16011DV8UB		287 - 16			
UD47		18 - 23			
UD47		215 - 6			
UD48		31 - 34			
UD48		219 - 10			
UD91		28 - 4			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	REP
UD52		28 - 5			
UD59		28			
UD60A		24 - 30			
UD62		25 - 19			
UG1185AU		167U - 78			
UG1185AU		167V - 78			
UG1185U		167U - 70			
UG1185U		167V - 70			
UG1213U		167U - 5			
UG1213U		167U - 55			
UG1213U		167U - 63			
UG1213U		167U - 77			
UG1213U		167V - 5			
UG1213U		167V - 44			
UG1213U		167V - 57			
UG1213U		167V - 77			
UG21( )/U		163E			
UG212CU		167U - 7			
UG212CU		167U - 62			
UG212CU		167V - 7			
UG27( )/U		163E			
UG27C/U		158			
UG27C/U		159			
UG27C/U		159 - 25			
UG536( )/U		163D			
UG88( )U		159A			
UG959AU		167W - 2			
UG959AU		167W - 6			
U10/U		154			
U15/U		154			
U16/U		154			
U3785		287 - 15			
U5151-2		214 - 12			
U7/U		154			
U8/U		154			
U9/U		154			
U94A/U		163B			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	REP

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	REP

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PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES: SOURCE	CODES: RECOVER	CODES: KIT
U94A/U		1638- 16			
U94A/U		16381 -			
U94A/U		16381 - 13			
WKAL-1/2ACN		270			
WKCL-1/2ACN		262 - 11			
WK24193		272 - 62			
WL99839-1-140		198 - 6			
WL99899-1		241 - 78			
WL99899-1-090		237 - 29			
WL99899-1-090		240 - 48			
WM392-1-1/40		107 - 25			
WM85/U		1638- 8			
WM85/U		1638- 17			
WM85/U		16381 - 5			
WM85/U		16381 - 14			
WM-85/U		167F-14			
WM-85/U		167F-29			
WM-85/U		167F-57			
WM-85/U		167F-83			
WM-85/U		167F-104			
WS-S/U		167D-32			
WS5/U		186 - 20			
WS5/U		187 - 1			
WS5/U		188 - 13			
WW-T-785		142 - 77			
WW-T-787		70 - 16			
WW-T-787		70 - 17			
WZ-R31		262 - 59			
W1S832		27 - 52			
W14S1032		168			
W33-7540		1528- 8			
W7601-1/4		132 - 40			
W98291-7-9		16 - 32			
X107		80 - 27			
X107		85 - 45			
X220B		153			
X41K1048-12		282 - 11			
X41K1048-14		282 - 12			
X43A2455		281 - 91			
X68C41S-1		167J - 5			
YAEV10		37 - 17			
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OCAD46AB6********		See last page of index			
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0200		274 - 6			
0200B		274			
02300-3-4		266 - 52			
0448		264 - 75			
0448		272 - 27			
0531		270 - 38			
0956		184 - 17			
1		203 - 22			
1		204 - 17			
1		294 -			
1/8CD-D		140 - 65			
1C787		10 - 43			
1010W		64 - 17			
1K-A34-23-1B		264 - 23			
1K-A34-32SL		144 - 47			
1LS/U		187 - 2			
1N4D		151			
1P582CA		61 - 14			
1P582CA		62 - 14			
1P582CAC		61			
1P582CAC		62			
1P582K		61			
1P582K		62			
1S1494		213 - 41			
10		37 - 4			
10		37 - 26			
10		214 - 40			
10-14318		264 - 35			
10-2058-4		108 - 11			
10-29055		264 -			
10-29055-1		165 - 20			
10-29068-1		266 - 18			
10-32		214 - 37			
10-32557		64 - 26			
10-32557		64 - 44			
10-32557		65 - 61			
10-32557		65 - 65			
10-32557		66 - 29			
10A		213 - 37			
10A		214 - 38			
10A		217 - 14			
10083		130 - 13			
100-200-12-0		167K - 13			
100-200-12-0		167M - 9			
1000428		214 - 44			
10007595120-3312		3 - 12			
10007595120-5126		2 - 45			
1000760AS324		3 - 7			
1000760AS324		3 - 8			
1000859		114			
1001403		47 - 14			
1004825		216 - 48			
1004825		217 - 54			
1004898		23 - 22			
1005895		24 - 47			
1006		149 - 39			
1006031					
1006054-4					
10061-1E		158 - 29			
1006522		214 - 79			
1006524		214 - 77			
1006525		214 - 76			
1006707		17 - 5			
1006764		17 - 29			
1006919-1		24 - 46			
1007194		211 - 8			
1007446		23 - 17			
1007659					
1008389		128 - 50			
1008605		194			
1008606		194			
1008606		194			
1008608		194			
1009304-2		231 - 51			
1009322		24 - 13			
1009325		24 - 17			
101-7		137 - 17			
1010288		194			
1010288-1		194			
1011		144 - 46			
1011		147 - 48			
1011		152 - 38			
1011		152A - 38			
1011032		214 - 2			
1011179		214 - 3			
1011789		107 - 18			
1012093		35 - 7			
1012093		38			
1012093		35			
1012714		231 - 46			
1012814					
1012835		14 - 29			
1012934		24 - 46			
1012944					
1012982					
1012987		214 - 49			
1013-2408		163			
1013021-1		24 - 78			
1013124		35 - 5			
1013124		35			
1013124		35			
1013125		35 - 6			
1013125		35			
1013125		35			
1013386					
1013390		214 - 80			
1013391		214 - 78			
1013392		214			
10148		238			
1014882		228 - 38			
1014887		228 - 61			
1015348		24 - 48			
1016486		114			
1016387		24 - 18			
1018617					
102PD2		82 - 86			
1021808		211 - 17			
1022		121 - 77			
1022801-1		231 - 43			
1022801-2		231 - 44			
10226A12		147 - 20			
1023552		231 - 42			
1024108-1		102			
1024300		208 - 43			
1024304		208 - 2			
1026099-1		35 - 82			
1026808		209 - 17			
1026808-1		209 - 18			
103A		145 - 27			
103A		152A - 34			
103A		271 - 25			
103A		271 - 28			
103A		271 - 26			
103A		271 - 34			
103A		271 - 35			
103A-R		147 - 44			
103A-R		149 - 35			
103A-R		151 - 49			
103A-R		152 - 34			
103S		268 - 19			
103S		271 - 4			
103S		271 - 9			
103S		271 - 37			
103S		271 - 38			
1032550		36 - 60			
1032551		36 - 59			
1032552		36 - 56			
1032587		36 - 48			
1040		101 - 16			
1040		105 - 17			
1041		68			
1042-17A		278 - 48			
1042-2A		184 - 29			
104244-3-3		99 - 39			
1044808		35 - 8			
1044808		35			
1044808		35			
1045		202 - 35			
1045		204 - 25			
1045642		75 - 43			
1049027		107 - 40			
10491A		152A-			
105		202 - 29			
1051		68			
1053		68			
1054		68			
1054SW-EA		170 - 16			
1055-1		204 - 16			
1055-1		261 - 5			
10693		69 - 1			
1073183		217 - 15			
1077474		214 - 17			
107926-2		1528- 14			
1081111-121		105 - 7			
1081111-121		105 - 8			
1081530		217 - 62			
1082296		208 - 11			
1082998		165 - 19	M1		
109-5		123 - 4			
11-1039-1-10D		89 - 57A			
11-1039-1-10D		104			
11-1039-1-10D		105 - 40			
11-1039-1-10D		105 - 48			
11-1039-1-10D		133 - 10			
11-1039-1-14D		133 - 18			
11-1039-1-19D		104			
11-1039-1-19D		104			
11-1039-1-19D		133 - 16			
11-1039-1-3		61 - 37			
11-1039-1-3D		62 - 32			
11-1039-1-3D		89 - 55A			
11-1039-1-3D		89			
11-1039-1-3D		104			
11-1039-1-3D		104			
11-1039-1-3D		105 - 24			
11-1039-1-3D		105 -			
11-1039-1-3D		105 - 34			
11-1039-1-3D		105 - 54			
11-1039-1-3D		135 - 6			
11-1039-1-5		109 - 26			
11-1039-1-5D		104			
11-1039-1-5D		105 - 38			
11-1039-1-5D		105 - 52			
11-1039-1-5D		105			
11-1039-1-5D		119 - 10			
11-1039-1-5D		120 - 11			
11-1039-1-5D		132 - 3			
11-1039-1-5D		132 - 7			
11-1039-1-5D		141 - 34A			
11-1039-1-5D		141			
11-1039-1-7D		104			
11-1039-1-7D		105 - 56			
11-1840-6		213 - 33			
11-1840-6		214 - 36			
11-3039-1-5D		89 - 44A			
11-364-6-1		2 - 1			
11-364-7-1		2 - 2			
11-364-8-1		13 - 2			
11-364-9-1		13 - 1			
11A7030700		193 - 33			
11A7030708		193			
11TS1-21		186 - 20			
11TS1-21		188			
110243-3-BAH		3 - 30A			
1104700		214 - 42			
1105-48		210 - 13			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES SOURCE	CODES RECOVER	CODES KIT
1106320		132 - 49			
1108310-217-1200		228 - 59			
11092		215 - 33			
11092		215 - 35			
1109392-4		132 - 51			
1109392-8		132 - 50			
1110293		79 - 19			
1111636		193 - 26			
1111820		265			
1111820		265			
1111820		265			
1111820		265			
1111820		265			
1111820		265			
1111820		265			
1111820		265			
1111820		265			
1112139					
1112389		33 - 15			
1112389		33			
1112389		33			
1112389		33			
1112389		33			
1112389		33 - 75			
1112389		213 - 66			
1112609					
1112764		79 - 42			
1112764		80 - 23			
1112765		79 - 41			
1112765		80 - 22			
1112830		125 - 15			
1112831		125 - 36			
1113028		222			
1113028		222			
1113028-2		222 - 34			
1113028-2		222 - 48			
1113029		222 - 8			
1113029		222 - 26			
1113029		222 - 40			
1113064		222			
1113064		222			
1113064		222			
1113064-2		222 - 14			
1113064-2		222 - 33			
1113064-2		222 - 47			
1113065		222 - 41			
1113250					
1113280		123 - 228			
1113285		126 - 43	P		
1113286		102 - 26			
1113353		9 - 46			
1113376		33 - 59			
1113386		222 - 51			
1113386		224 - 75			
1113391		6A			
1113391		75			
1113391-2		75 - 33			
1113392		6A			
1113392		75			
1113392-2		75			
1113417		33 - 58			
1113418		33 - 57			
1113433		125 - 16			
1113462		201 - 35			
1113463		201 - 36			
1113678					
1113780		7A - 7			
1113781		7A- 8			
1114106					
1114259		102 - 1			
1114312		41 - 42			
1114312		41 - 49			
1114313		41 - 55			
1114314		41 - 53			
1114352		123 - 12			
1114464		41 - 93			
1114464		41 - 95			
1114528		75 - 23			
1114530		77 - 57			
1114587					
1114623		213 - 56			
1114698		180 - 6			
1114698-1					
1114699					
1114700					
1114700-1					
1114717		142 - 61			
1114878		219 - 21			
1114885					
1114934		196 - 2			
1114937		81A- 38			
1114940		81A- 31			
1115019					
1115024		199 - 9			
1115024		199 - 13			
1115025		199 - 18			
1115025		199 - 22			
1115040		36 - 16			
1115052		122 - 15			
1115062		176 - 47			
1115088-1					
1115088-2					
1115088-3					
1115088-4					
1115089					
1115091		14 - 10			
1115091		15 - 11			
1115093					
1115110		3 - 21			
1115110		6 - 15			
1115111		3 - 20			
1115111		6 - 16			
1115118		14 - 18			
1115118-1		14 - 19			
1115118-2		14 - 21			
1115119		14 - 12			
1115119-1		14 - 15			
1115120		14 - 20			
1115120		15 - 16			
1115121		14 - 13			
1115121-1		14 - 16			
1115128		44 - 6			
1115136		36 - 23			
1115137		36 - 27			
1115148		13 - 59			
1115149		13 - 30			
1115152		13			
1115152-1		13 - 85			
1115152-2		13 - 84			
1115186		15 - 23			
1115188		15 - 30			
1115188-1		15 - 32			
1115191		194 - 16			
1115192-2		194 - 23			
1115192-4		194 - 24			
1115193		194 - 21	M1		
1115194		194 - 7	M1		
1115197		194 - 27	M1		
1115197-1		194 - 28			
1115366		72 - 10			
1115366		72 - 20			
1115368		72 - 6			
1115371		72 - 24			
1115385					
1115386					
1115387-2					
1115387-4					
1115388-2					
1115388-4					
1115431		4 - 72			
1115476		36 - 26			
1115481					
1115531					
1115537-3					
1115538					
1115549					
1115551					
1115551-1					
1115567		218 - 24			
1115567		221 - 13			
1115568					
1115569		30			
1115569-2		30 - 24			
1115571					
1115571-1					
1115600		49 - 31			
1115601		49 - 32			
1115671		2 - 32			
1115695					
1115696					
1115697		193 - 12			
1115700					
1115702		192 - 13			
1115702		193 - 6			
1115703		192 - 35			
1115704		193 - 19			
1115705		193 - 20			
1115706-1		193 - 21			
1115706-2		193 - 22			
1115707		193 - 7			
1115708		193 - 8			
1115709		193 - 37	M1		
1115710		193 - 34			
1115711		193 - 16			
1115712		193 - 38			
1115713		192 - 36			
1115714		193 - 24			
1115715		193 - 33			
1115743		84A- 6			
1115743		180 - 64			
1115781		73 - 69			
1115782		73 - 70			
1115791		15 - 15			
1115791-1		15			
1115791-2		15 - 17			
1115792		15 - 12			
1115792-1		15 - 14			
1115795		121 - 30			
1115797		121 - 28			
1115799		121 - 66			
1115801		121 - 47			
1115802		121 - 38			
1115803		121 - 67			
1115804		121 - 79			
1115805		121 - 81			
1115806		121 - 43			
1115818		121 - 41			
1115820		121 - 52			
1115898		142 - 26			
1115898-4		142 - 30			
1115898-8		142 - 27			
1115898-8		142 - 29			
1115899		142 - 13			
1115900		142 - 14			
1115901		142 - 15			
1115903		272 - 53			
1115903		272 - 66			
1115904		220 - 49			
1115907		220 - 53			
1115908		220 - 52			
1115909		220 - 50			
1115959		21 - 28			
1115960		21 - 39			
1115961		21 - 32			
1115963		21 - 43			
1115964		21 - 42			
1115965		21 - 33			
1115966		21 - 37	P1		
1115967		21 - 16	P		
1115968		21			
1115968-2		21 - 41			
1115969		21 - 47			
1115970		21 - 56			
1115976		121 - 4			
1115977		121 - 21			
1115978		121 - 23			
1115979		121 - 24			
1115980		121 - 3			
1115981-1		121 - 7			
1115981-2		121 - 8			
1115990					
1115991					
1115992					
1115993					
1115993-1					
1116018-1		131 - 2			
1116018-2		131 - 12			
1116018-3		131 - 13			
1116042		140 - 49			
1116042		141 - 18			
1116054		117 - 55			
1116061		3 - 25			
1116061		3			
1116067		142 - 65			
1116105		21 - 55			
1116106		21 - 54			
1116107		21 - 53			
1116108		21 - 58			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	KIT
1116109		21 - 57			
1116115		38 - 1			
1116152		221 - 47			
1116176		78 - 71			
1116177		95 - 26			
1116178		95 - 5			
1116179		95 - 24			
1116180		95 - 2			
1116181		95 - 22			
1116183		95 - 20			
1116186		95 - 8			
1116187		95 - 16			
1116188		77 - 81			
1116189		77 - 5			
1116189		78 - 28			
1116189		78 - 48			
1116190		78 - 29			
1116190		78 - 49			
1116191		78 - 33			
1116191		78 - 38			
1116192		78 - 31			
1116192		78 - 37			
1116192		78 - 42			
1116195		76 - 13			
1116196		76 - 31			
1116197		76 - 28			
1116198		76 - 23			
1116199		76 - 27			
1116200		76 - 22			
1116201		76 - 24			
1116202		76 - 32			
1116206-1		77 - 16			
1116206-2		77 - 15			
1116207		77 - 38			
1116207-1		77 - 39			
1116208		78 - 2			
1116209		77 - 54			
1116210		77 - 66			
1116211		77 - 67			
1116213		76 - 12			
1116215		76 - 46	M1		
1116217		77 - 70			
1116218		77 - 71			
1116219		95 - 31			
1116221		96			
1116221-1		96 - 26			
1116221-2		96 - 25			
1116224		77 - 28			
1116225		77 - 20			
1116227		78 - 6			
1116228		78 - 7			
1116229		77 - 60			
1116230		78 - 58			
1116231		77 - 59			
1116232		77 - 11			
1116233		77 - 72			
1116234		78 - 56			
1116237		77 - 46	M		
1116238		77 - 47			
1116239		77 - 49			
1116240		77 - 50			
1116241-1		77 - 51	M		
1116246		77 - 26			
1116249		98 - 17			
1116252		142 - 74			
1116261		215 - 18			
1116293		31 - 2			
1116293		36 - 5			
1116302		76 - 18			
1116333		136 - 4			
1116334		136 - 5			
1116370		222 - 10			
1116370		222 - 29			
1116370		222 - 43			
1116370		230 - 11			
1116381		221 - 45			
1116382		221 - 48			
1116383		221 - 39			
1116398		76 - 58			
1116401		77 - 4			
1116402		77 - 6			
1116403		77 - 2			
1116406		95 - 25			
1116408		126 - 35			
1116409		126 - 33			
1116410		126 - 34			
1116411		126 - 26			
1116447		76 - 61			
1116464		41 - 50			
1116465		41 - 67			
1116465		41 - 72			
1116465		41 - 80			
1116477		81 - 25	M1		
1116478		82A- 23			
1116479		82A- 22			
1116480		82A- 21			
1116487		41 - 46			
1116550		9 - 51			
1116551					
1116554-1					
1116554-3					
1116555					
1116556					
1116557					
1116558		9 - 29			
1116560		6A			
1116561		6A			
1116562-6		7A- 40			
1116564					
1116564-1					
1116566					
1116569					
1116570					
1116571					
1116572					
1116575		9 - 42			
1116576		6A			
1116576		9 - 43			
1116578					
1116578-1					
1116593		126 - 1			
1116594		126 - 2			
1116706		127 - 10			
1116707		126 - 31			
1116708		126 - 30			
1116717					
1116729		84A- 36			
1116738		46 - 8			
1116742		49 -105			
1116747		125 - 17			
1116750		138 - 24			
1116780		130 - 33			
1116781		130 - 36			
1116816		142 - 50			
1116817		142 - 49			
1116819					
1116819-1					
1116820		2 - 12			
1116820-1		2			
1116825-1					
1116851					
1116853-1					
1116856					
1116857-1					
1116857-4					
1116890		105 - 25			
1116892		105 - 22			
1116915		125 - 18			
1116916		125 - 19			
1116917		125 - 33			
1116919		125 - 27			
1116920		125 - 26			
1116921		125 - 28			
1116922		125 - 29			
1116924		125 - 25			
1116924		125 - 40			
1116934		94 - 7			
1116935		94 - 2			
1116936		94 - 3			
1116949		75 - 30	M		
1116954		123 - 25			
1116955		123 - 24			
1116959		123			
1116959-2		123 - 19			
1116960		123 - 1			
1116992		276 - 44			
1117002		125 - 37			
1117003		125 - 20			
1117023		86 - 2			
1117030		142 - 5			
1117031-1		128 - 31			
1117031-3		128 - 32			
1117033		129 - 33			
1117039		128 - 21			
1117040		128 - 7			
1117041		128 - 50			
1117042		128 - 52			
1117042-1		128 - 54			
1117042-2		128 - 53			
1117043		128 - 38			
1117044		128 - 24			
1117045		128 - 18			
1117046		129 - 29		P1	
1117047		129 - 25			
1117048		129 - 52			
1117049		129			
1117049-1		129 - 55			
1117050		129 - 30			
1117051		129 - 53			
1117052		129 - 51			
1117053		129 - 46			
1117054		129 - 22			
1117056		129 - 50			
1117059		128 - 19			
1117060		128 - 20			
1117061		114 - 52			
1117062		114 - 57			
1117063		114 - 54			
1117064		114 - 56			
1117078		123 - 528			
1117080		128			
1117080-1		128 - 45			
1117080-2		128 - 44			
1117091		81 - 57			
1117110		86 - 14	M		
1117111		86 - 16	M		
1117112		86 - 1			
1117113		86 - 18			
1117114		86 - 21	M1		
1117115		86 - 24	M1		
1117116		86 - 50			
1117117		86 - 31			
1117118		86 - 37			
1117167		213 - 26			
1117167		214 - 27			
1117176		213 - 54			
1117215		263 - 37			
1117216		263 - 36			
1117217		41 - 20			
1117219		89 - 26			
1117247		276 - 49			
1117263		276 - 47			
1117266		108 - 44			
1117268		105 - 27			
1117268		142 - 52			
1117269		94			
1117269-1		94 - 20			
1117270		94 - 18			
1117276		276 - 45			
1117276-2		276 - 46			
1117277		276 - 48			
1117298		81A- 50			
1117299		213 - 23			
1117301		276 - 40			
1117318		263 - 38			
1117356		20 - 26			
1117356		20			
1117356-1		20			
1117356-1		20 - 27			
1117356-2					
1117356-3					
1117356-4					
1117357		20 - 32			
1117358		20 - 30			
1117359		20 - 33			
1117359		20			
1117359-1		20			
1117359-1		20 - 34			
1117360		20 - 31			
1117374		128 - 26			
1117375		128 - 30			
1117406					
1117406-1					
1117407					
1117407-1					
1117420		19 - 14			
1117421		19 - 12			
1117425-3D020		6A			
1117426		19 - 25			
1117447		277 - 16			
1117448		277 - 30			
1117449		277 - 27			
1117449		278 - 15			
1117458-1		45 - 13			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	KIT
117458-2		45 - 10			
117487		19 - 23			
117494		106 - 56			
117514		30 - 228			
117541		222			
117543-204		157 - 9			
117548					
117621		125 - 35			
117628		44 - 1			
117629					
117629-1					
117630		41 - 75			
117630		41 - 83			
117630-1		41			
117631		41 - 74			
117631		41			
117632		44 - 2			
117633		41 - 70			
117633-1		41 - 71			
117634		44 - 4			
117725		75 - 77			
117731		6A			
117731		75			
117731-1		75 - 13			
117731-1		75 - 33			
117745		75 - 11			
117745		75 - 31			
117750					
117756		88			
117756-2		88 - 11			
117771		38 - 2			
117776		6A			
117776		107 - 15			
117830		7A- 4			
117831		90 - 60			
117855					
117920		279 - 76			
117921		16 - 47			
117921		16			
117922		17			
117922-2		17 - 23			
117922-4		17 - 22			
117923		17 - 19			
117961		88			
117961-2		88 - 9			
117961-4		88 - 7			
117982-3		279 - 66			
117982-5		279 - 67			
117985		279 - 65			
117986		279 - 29			
117987		279 - 30			
117988-1		279 - 74			
117988-2		279 - 75			
117989		279 - 59			
117990		279 - 20			
117991		279 - 56			
117992		279 - 62			
117993		279 - 72			
117993-1		279			
117995		279 - 38			
117996		279 - 73			
117997		279 - 60			
117998		279 - 61			
118M1		109			
118003		58 - 2			
118011		17 - 44			
118012					
118044		119			
118044-2		119 - 34			
118046		119 - 36			
118047		119 - 35			
118048		119 - 37			
118049		119 - 40			
118050		119 - 23			
118051		119 - 22			
118051		120 - 24			
118052		119 - 21			
118052		120 - 23			
118053		117 - 85			
118053-1		117 - 88			
118054		119 - 5			
118054		120 - 6			
118071		79 - 22			
118071		84 - 37			
118073		79 - 17			
118073-2					
118073-4					
118084		88 - 5			
118085		88 - 12			
1118086		261 - 16			
1118087		261 - 7			
1118087-4		261 - 8			
1118087-6		261 - 9			
1118090		79 - 13			
1118090-1		79 - 14			
1118097		232			
1118097-2		232 - 41			
1118131		88 - 6			
1118133		107 - 51			
1118133-1		107			
1118134		107 - 50			
1118137-2		102 - 12			
1118137-4		102 - 11			
1118138		101			
1118138-1		101 - 23			
1118139		102 - 2			
1118141		98 - 19			
1118147		87 - 6			
1118147-1		87 - 8			
1118149		87 - 31			
1118149-1		87 - 33			
1118150		88			
1118150-2		88 - 15			
1118150-4		88 - 16			
1118151		88 - 17			
1118155		46 - 25			
1118160		119 - 3			
1118160		120 - 4			
1118161		119 - 2			
1118161		120 - 3			
1118169		79 - 24			
1118169		87 - 40			
1118173					
1118198		88 - 31			
1118199		79 - 23			
1118200		88 - 25			
1118201		87 - 41			
1118202		88 - 28			
1118203		88 - 29			
1118219		46 - 53			
1118220		46 - 44			
1118221		46	P1		
1118257		75 - 22			
1118268		73 - 68			
1118271		82 - 36			
1118272		84A- 42			
1118273		81A- 62			
1118273-1		81A- 63			
1118274		81A- 55			
1118275		81A- 6			
1118276		130 - 49			
1118276-1		130			
1118276-2		130			
1118277		130 - 35			
1118279		84 - 16	P1		
1118280		84 - 39	M		
1118281		84 - 34			
1118281-1		84 - 35			
1118282		84 - 32			
1118282		180 - 6			
1118282-1		84 - 33			
1118283		84A- 24			
1118284		130 - 23			
1118284-1		130 - 24			
1118285		130			
1118285-1		130 - 16			
1118286		130 - 18			
1118287		130 - 21			
1118288		130 - 25			
1118289		81 - 23			
1118290		81 - 29			
1118291		82 - 38			
1118389		117 - 1			
1118390		5B			
1118405		82A- 20			
1118443		281 - 29			
1118443		281 - 52			
1118475		130 - 5			
1118475-1		130 - 10			
1118475-2		130 - 6			
1118476		130 - 11			
1118487		79 - 31			
1118488		79 - 77			
1118489		79 - 75			
1118491		87 - 65			
1118493		79 - 69			
1118493		87 - 52			
1118494		87 - 62			
1118496		79 - 68	X1		
1118496		87 - 51	X1		
1118502		281 - 49			
1118503		281 - 50			
1118504		281 - 23			
1118504		281 - 28			
1118504		281 - 83			
1118526		87 - 56			
1118527		79			
1118527-1		79 - 82			
1118528		79 - 65			
1118528		87 - 48			
1118529		79 - 64	X1		
1118529		87 - 50	X1		
1118533		133 - 42			
1118542		213 - 14			
1118550		87			
1118550-2		87 - 59			
1118550-6		87 - 57			
1118552		79 - 80			
1118563		88 - 38			
1118566		83 - 10			
1118574		93 - 10			
1118582		159 - 36			
1118594		79 - 78			
1118599		73 - 62			
1118628		64			
1118628		65			
1118628		66			
1118701					
1118702					
1118703		53 - 14			
1118704		53 - 9			
1118712					
1118744		49			
1118765		106 - 45			
1118765-2		106 - 48			
1118769		106 - 44			
1118769-2		106 - 47			
1118770		106 - 29			
1118798		53 - 13			
1118803		88 - 14			
1118827		106 - 11			
1118855		92 - 14			
1118874		106 - 19			
1118876		See J-1789-1			
1118876		See J-1789-1			
1118877		See J-1789-1			
1118887		213 - 42			
1118894		106 - 7			
1118921		85 - 44	M1		
1118932		213 - 44			
1118938		118 - 8			
1118939		114 - 69			
1118940		114 - 68			
1118941		114 - 66			
1118944		196 - 1			
1118946		118 - 17			
1118947		118 - 19			
1118948		106 - 4			
1118963		114 - 64	P		
1118965		114 - 63			
1118969-1		114 - 47			
1118969-2		114 - 48			
1118970		114 - 49			
1118971		114 - 79			
1118998		92 - 6			
1119001		126 - 44			
1119002		115 - 1			
1119003		115 - 8			
1119004		114 - 85			
1119006		114 - 70			
1119007		115 - 11			
1119008		115 - 13			
1119010		114 - 15			
1119012		115 - 5			
1119013		115 - 7			
111904-8-1098		126 - 27			
1119061		277 - 2			
1119061		278 - 2			
1119069					
1119069-1					
1119071					
1119072					
1119074-1					
1119076-1					

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES: SOURCE	RECOVER	KIT
1119077		42 - 9			
1119078					
1119078-1		42 - 10			
1119079		42 - 21			
1119079-1		42 - 22			
1119084		41 - 15			
1119085		41 - 16			
1119086		41			
1119086-1		41 - 40			
1119087		41 - 29			
1119088		41 - 27			
1119089		41			
1119089-1		41 - 22			
1119090		41 - 23			
1119091		41 - 24			
1119092		41 - 25			
1119099-1		41			
1119099-2		41			
1119099-3		41 - 39			
1119099-4		41			
1119115		79 - 30			
1119115		80 - 18			
1119126		16 - 63			
1119127		16 - 62			
1119128		16 - 64			
1119129		100 - 39			
1119144		276 - 56			
1119144-2		276 - 60			
1119145		276 - 61			
1119186		276 - 59			
1119193		16 - 14			
1119194-1		16 - 12			
1119194-2		16 - 9			
1119195		16 - 10			
1119196		16 - 20			
1119199		16 - 1			
1119199		164 - 10			
1119199-2		16 - 7			
1119199-4		16 - 4			
1119199-6		16 - 5			
1119208		89 - 27			
1119215		105 - 16			
1119221		264 - 75			
1119221		266 - 72			
1119248		106 - 35			
1119248		106 - 38			
1119249		106 - 39			
1119339		139 - 19			
1119340		139 - 23			
1119341		139 - 21			
1119342		139 - 12	M1		
1119358		218 - 28			
1119371		277 - 3			
1119371		278 - 3			
1119388		57 - 6			
1119487		133 - 41			
1119510		63 - 22			
1119535		195 - 52			
1119536		195 - 51			
1119620		134 - 15			
1119631		84 - 22	M		
1119641					
1119646		73			
1119646-2		73 - 66			
1119654		42 - 18			
1119654		43 - 20			
1119655		42 - 17			
1119655		43 - 19			
1119656-1		109 - 41			
1119656-2		109 - 42			
1119660		69 - 17			
1119685		73 - 65			
1119694		38 - 8			
1119722					
1119723					
1119726					
1119727					
1119728					
1119730		41			
1119730-1		41 - 35			
1119739		110 - 66			
1119741		110 - 79			
1119742		109 - 7			
1119743		113 - 4			
1119744		113 - 5			
1119745		113 - 8			
1119746		113 - 9			
1119747		108 - 3			
1119753		109 - 45			
1119754		109 - 54			
1119755		109 - 53			
1119756		109 - 49			
1119757		109 - 46			
1119758		109 - 44			
1119759		109 - 40			
1119763		108 - 1A			
1119764		108 - 5			
1119801		113 - 6			
1119802		113			
1119847		84 - 24			
1119889		110 - 19			
1119890		110 - 20			
1119910					
1119936		28 - 33			
1119938		28			
1119938-2		28 - 41			
1119939		28 - 42			
1119947		44 - 10			
1119967		26 - 3			
1119968		26 - 2			
1119971		78 - 3			
1119974		28 - 16			
1119975		28 - 17			
1122-0203		298 - 12			
1122-0203		304 - 25			
11300		172 - 25			
1130056		44 - 18			
1130115		29 - 14			
1130143		29 - 32			
1130146-1		26 - 26			
1130146-2		26 - 27			
1130152		29 - 29			
1130152-1		29			
1130153		29 - 31			
1130162		29 - 27			
1130174		18 - 1			
1130214		107 - 11			
1130216		91 - 29			
1130217		6A			
1130245		21 - 60			
1130245		26 - 1			
1130255		201 - 8			
1130255		204 - 4			
1130389		286 - 5			
1130439		105 - 7			
1130439-1		105 - 8			
1130440		105 - 1			
1130451		29 - 5			
1130460		130 - 25			
1130474		29 - 4			
1130500		139 - 35			
1130534		127 - 12			
1130551		130 - 23			
1130551-1		130 - 24			
1130639		72 - 24			
1130820		129 - 49			
1130927					
1131013		79 - 51			
1131032		36 - 30			
1131255		128 - 57			
1131485		40 - 36			
1131490		70 - 46			
1131492		70 - 44			
1131515		40 - 37			
1131635		77 - 10			
1131636		77 - 8			
1131798		77 - 43			
1132172		207 - 10			
1132191		24 - 16			
1132259		24 - 11			
1132317					
1132403		281 - 12			
1132403		281 - 72			
1132404		281 - 27			
1132405		281 - 25			
1132405		281 - 85			
1132406		281 - 19			
1132406		281 - 79			
1132540		281 - 5			
1132583					
1132583-1					
1132725		102 - 3			
1132801		28 - 34			
1133127		113 - 11			
1133128		113 - 18			
1135140		202			
1135140		204			
1135140-2		202 - 32			
1135140-2		204 - 22			
1135380		103 - 38			
1135429		103 - 35			
1135643		202 - 25			
1135643		202 - 27			
1135643		203 - 52			
1135643		204 - 21			
1135643		207 - 2			
1135643		207 - 6			
1135812		90 - 50			
1136281					
1136522					
1136587		107 - 28			
1137240		40 - 18	P1		
1137667		215 - 19			
1138275-4-3					
1139021		96 - 3			
1139022		96 - 2			
1139053		218 - 46	M1		
1139060		109 - 4			
1139111					
1139114					
1139168		140 - 53			
1139168		141 - 21			
1139190		203			
1139190		204			
1139240		82A- 10			
1139267		123 - 7			
1139267-1		123			
1139268		144 - 45			
1139268		147 - 47			
1139268		149 - 38			
1139279		129 - 7			
1139286		103 - 20			
1139286		103 - 25			
1139287		70 - 75			
1139349		121 - 5			
1139366		238 - 58	P1		
1139366		239 - 57	P1		
1139366		271 - 2	P1		
1139372		125 - 9			
1139387		110 - 38			
1139416					
1139420		130 - 4			
1139429		103 - 34			
1139436		108 - 7			
1139485		30 - 11			
1139485		203			
1139485		204			
1139489		26 - 56			
1139493		44 - 19			
1139505		128 - 2			
1139505		139 - 6			
1139565					
1139677		41			
1139678		41			
1139790		237 - 34			
1139790		241 - 51			
1139791		237 - 37			
1139791		240 - 30			
1139791		241 - 58			
1139808		73 - 61			
1139866		28 - 40			
1139892		281 - 58			
1139903		261			
1139904		261			
1139907		107 - 19			
1139917					
1139951					
1139951-1					
1139952					
1139952-1					
1139953					
1139953-1					
1139993		271			
1139993-2		271 - 19			
1140037		27 - 18			
1140107		202 - 8			
1140137		18 - 18			
1140149		82A- 18			
1140161		82A- 19			
1140183		3 - 30N			
1140184		3 - 30J			
1140286		222			
1140286-2		222 - 13			
1140527		276 - 70			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	KIT
1140528		276 - 69			
1140609		204 - 88			
1140679		202 - 18			
1140680		202 - 16			
1140787		157 - 9			
1140797		261			
1140815					
1140823					
1140831		121 - 27			
1140946		12 - 25			
1140946-1		12 - 25			
1140964		196 - 16			
1141001		128			
1141002		128			
1141014		196 - 4			
1141026		196 - 3			
1141136					
1141183		206 - 20			
1141184		206 - 14			
1141185		206 - 8			
1141186		206 - 12			
1141187		206 - 13			
1141216		221 - 27			
1141219		203 - 33			
114125		139 - 14			
114125A		92 - 16			
1141300					
1141361					
1141371		220 - 11	M		
1141371		223 - 11	M		
1141371		223 - 32	M		
1141371		224 - 26	M		
1141372		220 - 14			
1141372		223 - 14			
1141372		223 - 31			
1141372		224 - 27			
1141419		220 - 12			
1141419		223 - 12			
1141419		223 - 30			
1141419		224 - 24			
1141486		126 - 10E			
1141501					
1141503					
1141526		113 - 31			
1141557					
1141620		197 - 65			
1141630		261 - 2			
1141672		108 - 43			
1141822					
1141823					
1141839		197 - 64			
1141847		14 - 2			
1141847		15 - 7			
1141848					
1141848-1					
1141878		224 - 52			
1141902		108 - 56			
1141934		219 - 19			
1141934-1		219			
1142045		223 - 50	M		
1142045		230 - 8	M		
1142046-1					
1142050					
1142065					
1142082					
1142096		225 - 9			
1142096		226 - 32			
1142096-2		225 - 11			
1142096-2		226 - 34			
1142144		224 - 50			
1142155					
1142155-1					
1142156-1					
1142166		223 - 38			
1142166		224 - 13			
1142167		230 - 1			
1142181		272 - 72			
1142196					
1142205-4					
1142206-2					
1142206-4					
1142207					
1142210		223 - 41			
1142210		224 - 17			
1142211		223 - 42			
1142211		224 - 18			
1142212		223 - 39			
1142212		224 - 15			
1142214		223 - 37			
1142214		224 - 12			
1142219		223 - 51			
1142219		230 - 9	M		
1142222		223	M		
1142222-2		223 - 19			
1142223		225 - 14			
1142250-2		225 - 33			
1142250-4		225 - 23			
1142273		205 - 31			
1142274		205 - 30			
1142278		205 - 29			
1142282-2		221 - 19			
1142282-4		221 - 23			
1142290		9 - 32			
1142291		46 - 34			
1142297		219 - 2			
1142297		225 - 45			
1142297		225 - 53			
1142297		226 - 45			
1142297		229 - 48			
1142327					
1142328					
1142329					
1142348		64 - 45			
1142348		65 - 66			
1142348		66 - 14	M		
1142366		201 - 29	M		
1142366		204 - 28			
1142377		117 - 61			
1142378		14 - 21			
1142379		15 - 18			
1142386		21			
1142387		26 - 9			
1142388		26 - 38	M		
1142393		201	M		
1142393		204			
1142393-2		201 - 31			
1142393-2		204 - 30			
1142405		225 - 41			
1142405		226 - 22			
1142408		262 - 7			
1142410					
1142433					
1142434		86 - 29			
1142461		51 - 56			
1142463		123 - 13			
1142497		225 - 55			
1142497		226 - 51			
1142497-1		225 - 56			
1142497-1		226 - 52			
1142539		281 - 26			
1142539		281 - 86			
1142555		15			
1142556		14			
1142586		29 - 41			
1142652					
1142658		265 - 28			
1142658		266 - 49			
1142706		197 - 7			
1142738					
1142744		123 - 30			
1142761		215 - 24			
1142761		215 - 31			
1142777		203 - 25			
1142864		237 - 39			
1142864		241 - 55			
1142864		241 - 59			
1142867		22 - 21			
1142868		22 - 15			
1142880					
1142881		22 - 19			
1142907		90 - 71			
1142912					
1142922-1		26			
1142922-2		26			
1142923		29 - 28			
1142923-1		29			
1142933		40 - 33			
1142934					
1142966		40 - 32			
1142967		230 - 3			
1142971		230 - 6			
1142978		27 - 45			
1142979		27 - 42			
1142983-2		27 - 41			
1142983-4		27 - 43			
1142983-6		27 - 44			
1142985		281 - 17			
1142985		281 - 77			
1143051		235 - 18			
1143051		238 - 12			
1143051		238			
1143051		238 - 37			
1143051		239 - 15			
1143051		239 - 68			
1143051		240 - 21			
1143051		242 - 2			
1143067-2					
1143073		237 - 23			
1143082					
1143090					
1143104		91 - 6			
1143114		29 - 28			
1143114-1		29 - 27			
1143122					
1143128		123 - 18			
1143132		46 - 4			
1143139					
1143157					
1143280		262 - 6			
1143285		262 - 4			
1143338		104 - 9A			
1143339					
1143340		104 - 7A			
1143341					
1143361		195 - 17			
1143361		195			
1143386		111 - 13			
1143393		263 - 56			
1143396					
1143490		237 - 38			
1143490		240 - 31			
1143490		241 - 54			
1143578		7A- 28			
1143578		7A- 36			
1143596		112 - 29			
1143597		112 - 28			
1143598		112 - 32			
1143599		112			
1143599-2		112 - 16			
1143599-4		112 - 15			
1143600		112 - 14			
1143601		112 - 27			
1143602		112 - 23			
1143603		112 - 35			
1143604		112 - 33			
1143605		112 - 26			
1143606		112 - 7			
1143607		112 - 8			
1143609		112 - 36			
1143610		112 - 31			
1143611		112 - 20			
1143634					
1143666		71 - 24			
1143673		112 - 11			
1143720		226 - 3			
1143720		229 - 60			
1143794		142 - 35			
1143795		142 - 31			
1143806		278 - 19			
1143836		224 - 34			
1143836		224 - 38			
1143836		224 - 43			
1143836		224 - 45			
1143836		224 - 57			
1143836		224 - 59			
1143852		278 - 52			
1143864		224 - 47			
1143935					
1143953		205 - 13			
1145555					
1145556					
1145578					
1145613					
1145658		71			
1145698		214 - 48			
1146898		167F-31			
1146898		167F-59			
1146898		167F-88			
1146898		167F-106			
1149803		24 - 74			
1161065-10		31 - 11			
1161065-12		31 - 12			
1161065-2					
1161065-4					
1161065-6					

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES SOURCE	CODES RECOVER	CODES KIT
1161065-8					
1161130		204 - 60			
1161136		204 - 52			
1161137		204 - 53			
1161534		24 - 71			
1161538		24 - 61			
1161540		24 - 64			
1161677		24 - 72			
1161928		132 - 52			
1162019		191 - 12			
1162224		192 - 20			
1162225		192 - 19			
1162732		192 - 22			
1162735		200 - 34			
1173233		71			
1173234		71 - 22			
118-1-0375		262 - 2			
118-1-0375		264			
118-1-0500		262 - 13			
1181-6Z		43 - 4C			
1181-6Z		105			
1181ON		195 - 39			
1185321-1		268 - 28			
1185395		157 - 1			
1185476		194 - 12			
1188087		93 - 39			
1188088		93 - 35			
1188089		93			
1188089-2		93 - 43			
1188090		93 - 44			
1188156		124 - 3			
1188161					
1188161-1					
1188306					
1188307		230			
1188309					
1188309-1					
1188310		230			
1188338		74 - 18			
1188340		75 - 87			
1188357		13 - 28			
1188359		13 - 25			
1188405		228 - 9			
1188408		228			
1188408-4		228 - 14			
1188410		228			
1188410-4		228 - 12			
1188411		227 - 46			
1188416					
1188424		227			
1188424-6		227 - 49			
1188427		227 - 58			
1188433		227 - 50			
1188433		227 - 62			
1188439					
1188440					
1188441					
1188442					
1188443					
1188443-1					
1188444-2					
1188444-4					
1188445					
1188446					
1188447					
1188466		227			
1188466-6		227 - 51			
1188468		228 - 6			
1188484		229 - 27			
1188484-2		229 - 29			
1188512		227 - 21			
1188513		227 - 16			
1188513		227 - 65			
188518		31 - 23			
188525					
188527		25 - 9			
1188528		25 - 12			
1188529		25 - 13			
1188541		227			
1188541-6		227 - 61			
1188542		227			
1188542-6		227 - 63			
1188543		227			
1188543-6		227 - 75			
1188544		227			
1188544-6		227 - 73			
1188545		227 - 70			
1188584		228 - 72			
1188584-2		228 - 73			
1188584-4		228 - 74			
1188586		227 - 74			
1188620		25 - 25			
1188621		25 - 24			
1188675-10		212 - 9			
1188675-12		212 - 10			
1188675-14		212 - 11			
1188675-16		211 - 34			
1188675-16		212 - 6			
1188675-2		212 - 12			
1188675-4		212 - 7			
1188675-6		212 - 8			
1188675-8		211 - 33			
1188746					
1188791-14		209 - 13			
1188822-2		18A- 12			
1188822-4		18A- 17			
1188829		228 - 88			
1188839					
1188840					
1188841					
1188842					
1188843					
1188931		204 - 94			
1188958		125 - 46			
1188959		204 - 83			
1188965		211 - 7			
1188997		120 - 33			
1189001		214 - 58			
1189001		217 - 5			
1189044		268 - 46			
1189045		268 - 51			
1189088		204 - 80			
1189105		151 - 15			
1189132					
1189133					
1189189					
1189190					
1189198					
1189209					
1189217		36 - 44			
1189224					
1189262		240 - 42			
1189293		243 - 19			
1189503		99 - 31			
1189504		256 - 93			
1189504		256 -123			
1189506		114 - 43			
1189511					
1189512		256 - 1			
1189512		256 - 23			
1189512		256 - 72			
1189512		256 -103			
1189523		99 - 38			
1189525		120 - 34			
1189529					
1189545		28			
1189552		28 - 11			
1189553		29 - 6			
1189556		277 - 48			
1189556		278 - 58			
1189562					
1189570		76 - 76			
1189579		125 - 56			
1189591		50 - 13			
1189592		115 - 6			
1189618		242 - 50	M		
1189621		145 - 13			
1189626		205 - 10			
1189631		200 - 23			
1189634		142 - 28			
1189635					
1189637		276 - 18			
1189638		49			
1189643		265 - 32			
1189643		266 - 53			
1189646		125 - 7			
1189661		64 - 14			
1189665		64 - 13			
1189684		124 - 26			
1189685		124 - 17			
1189686		124 - 18			
1189687		124 - 19			
1189689		124 - 15			
1189733		276 - 71			
1189745		278 - 13			
11920		108 - 67			
11920-2		108			
12		213 - 28			
12-12-16JT-D		117 - 58			
12-12-8RT-D		142 - 44			
12-8CCCT		134 - 10			
12-8CT		134 - 20			
12-8CT45		134 - 25			
12-8FT		134 - 28			
12-8FT-D		89 - 67			
128064		126 - 40A			
128080		126 - 41A			
128080		127 - 4			
128108		127 - 5			
12CCT		100 - 36			
12FNT-D		99 - 35			
12N8070		45 - 17			
12TS1-21		155			
12002-1B		158 - 9			
12003-1		158 - 21			
1202		277 - 40			
1202007		64 - 81			
1202009		109 - 55			
1202047		154 - 32			
1202076		266 - 36			
1202076		270 - 18			
1202076		276 - 41			
1202146		232			
1202146-2		232 - 32			
1202146-4		232 - 31			
1202150		197 - 48			
1202172		197 - 47			
1202176		263 - 65			
1202192		273 - 22			
1202215					
1202258		87 - 58			
1202258		87 - 61			
1202441		26 - 28			
1202445		29 - 34			
1202457		112 - 34			
1202463		28 - 24			
1202464		28 - 25			
1202663		28 - 29			
1202664		28 - 28			
1202670		123			
1202692		223 - 52			
1202699		223 - 57			
1202706		223 - 47			
1202706-1		223 - 48			
1202710		223 - 23			
1202715		90 - 52			
1202728		223 - 54			
1202742		223 - 45			
1202800		28 - 45			
1202930					
1202934		223 - 56			
1202999		51 - 15			
1203000-1		51 - 10			
1203007		52			
1203007-2		52 - 6			
1203025					
1203038		270 - 33			
1203042					
1203042-1					
1203043					
1203147		117 - 3			
1203210		123			
1203211		123 - 21			
1203212		123			
1203225		266 - 32			
1203225		270 - 11			
1203250		261			
1203681					
1203694		203 - 16			
1203695					
1203698					
1203830		197 - 54			
1203865		26 - 9			
1203920		22 - 13			
1203959		40 - 51			
1203994		29 - 19			
1204125		65 - 12			
1204286					
1204291		47 - 2			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES: SOURCE	CODES: RECOVER	CODES: KIT
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1204322		105			
1204351		105			
1204435		65 - 13			
1204669		242 - 17			
1204669		243 - 41			
1204679		115 - 14			
1204778		49 - 12			
1204804		115 - 10			
1204823		123 - 5			
1204922		236 - 31			
1204922		236 - 54			
1204922		238 - 7			
1204922		238 - 34			
1204922		239 - 11			
1204922		239 - 28			
1204922		239 - 46			
1204922		239 - 70			
1204922		241 - 10			
1204922		241 - 21			
1205070					
1205245					
1205294		242 - 43			
1205294-2					
1205319		256 - 62			
1205319		256 - 86			
1205319		256 -116			
1205396		46 - 33			
1205414		46 - 28			
1205440		65 - 79			
1205440		66 - 80			
1205820		195			
1206020		272			
1206108		265 - 41			
1206152		50 - 21			
1206152		55 - 27			
1206153		55			
1206283		50 - 14			
1206416		55 - 15			
12076-1A		158			
1209827		108 - 65			
1209828		125 - 52			
1209848		125 - 42			
1209857		125 - 45			
1209906		50 - 38			
1209923		143 - 6			
1209946		123 - 44			
1209950		256 - 81			
1209964		193 - 10			
1209969		120 - 28			
1209974		120 - 25			
1209975		120 - 36			
1209979		240 - 36			
1218		263 - 35			
1218		277 - 23			
1218B		277 - 24			
121874A0-3426		6 - 3			
1220DE		262 - 21			
1220DE		270 - 44			
1220874		68 - 14			
123-14-1811		16 - 40			
123001		278 - 47			
1231929-9		24 - 24			
12327-1A		188 - 78			
12341-1A		165 - 35			
12361-1A		179 - 45			
12361-1A		180 - 38			
1238182		200 - 18			
1238184		200			
1238184-2		200 - 5			
1238185		200 - 3			
1239109-500		200 - 9			
1239109-500		200 - 16			
1239110		200 - 9			
1239110		200 - 16			
1239473-500		200 - 3			
12401-1AA1		166 - 97			
1240161		24			
1240161-2		24 - 34			
1240164		24 - 77			
1240834		24 - 40			
12423-18A1		166 - 63			
1243021		228 - 55			
124893C		24 - 39			
125		49 - 26			
125		49 - 84			
125		97 - 2			
125M1		195			
1266L		175 - 2			
128		223 - 1			
128		227 - 1			
1285133		4 - 9			
1285133-1		4			
1285133-2		4 - 11			
1285133-3		4			
13X13261		203			
13X13261		208 - 7			
130ARP		145 - 17			
130ARP		147 - 26			
130ARP		149 - 16			
130ARP		151 - 29			
130ARP		152 - 21			
130ARP		152A - 21			
130ARP		166 - 82			
130SGP		151 - 48			
130SRP		151 - 16			
130SRP		151 - 47			
130SRP		270 - 25			
13019		128 - 13			
1306C-1		297 - 35			
131F04		90			
1311-587506		101 - 17			
1320522		73			
1320522-2		73 - 40			
13208		211 - 19			
132100-4-7A		6A			
132137		95 - 26			
132217		95 - 5			
1324231		231 - 7			
132768		102 - 8			
1335244		60 - 46			
1335244		263 - 20			
1335278		60 - 45			
133527M		263 - 21			
133582		6 - 15			
1336193		68 - 30			
1339085		35 - 9			
1348M1					
1350870		104 - 8			
1350871		104 - 6			
1355059		70 - 67			
1355060		48 - 25			
1355062		48 - 26			
1355076		61 - 6			
1355076		62 - 6			
1355088		107 - 27			
1357068		68 - 4			
138166D		294 - 41			
138623		119 - 23			
138687-1		101 - 18			
138695		101 - 19			
138696		101 - 22			
13973		154 - 6			
1402		40 - 47			
140231		125 - 33			
1416-42A		287			
142144		266			
1423-3G		145 - 9			
1423-3G		147 - 5			
142480		119 - 22			
142480		120 - 24			
1426-6208		304 - 10			
14432		18 - 26			
146125		31 - 32			
150		95 - 16			
150PL15		166 - 93			
150P4		90 - 29			
150P8		90 - 30			
15001-1A		182 - 18			
1505		213 - 10			
1505-1		145 - 32			
1505-1		147 - 41			
1505-1		149 - 32			
15100-0		166 - 93			
1512		213 - 46			
1513		213 - 20			
1513		214 - 22			
1518		213 - 17			
18202-A2		188 - 43			
182192-55		183			
18403-38		188 - 78			
18605-1A1		108 - 1			
15621-1A		180 - 13			
15621-1A		182 - 5			
157700		133 - 3			
16FT-S		110 - 42			
1600-1A		145			
1600-6-6MT-D		132 - 11			
16004-2A		168 - 91			
1601-6-6-4-4KTD		108 - 70			
1601-8-8-4-4KTD		108 - 69			
1625D		155 - 4			
163-5		123			
16331		201 - 30			
16331		204 - 29			
1634-1M		145 - 10			
1634-1M		147 - 15			
1636-6A-A1		152 - 12			
1636-6A-A1		152A - 12			
16404-1CA1		166 - 67			
1649		9 - 39			
16499		58 - 8			
16499		59			
16500-1A		168 - 3			
1663M1-020		30 - 7A			
167887-1600		89 - 60			
168-2		265 - 3			
1690M1-040		221 - 25A			
169097-024		157 - 1			
1700-8A		184 - 28			
171-10Z		37 - 6			
171-10Z		37 - 14			
171-10Z		37			
171-10Z		37 - 28			
172929		90 - 57			
1734M1-064		117 - 59			
17343-16-460		262 - 37			
1754-7-2-6		213 - 2			
1778M1		26 - 35			
1779-10Z		123 - 36			
1787M1		192			
1787M1		192			
1788-8Z		61 - 27			
1788-8Z		61			
1788-8Z		62 - 39			
1788M1-064		284 - 22A			
1794M1-064		117			
180L-3		154A - 1			
180L-3		167D-17			
1833267		203 - 83			
18387		68			
1904-0404		304 - 14			
1904-0406		304 - 15			
1911G		281 - 1			
1944		213 - 9			
1944		177 - 22			
19475		191 - 4			
196-2		278 - 46			
19632		58 - 7			
19632		59 - 54			
1970-1000		300 - 13			
1970-1200		300 - 9			
1970-2300		302 - 7			
1971-0200		302 - 4			
1999971-16		266 - 14			
2-2239-2		115 - 3			
2-2643-1		110 - 2			
2A1348-311		188 - 16			
2CC184		274 - 31			
2CD1976		183 - 55			
2M2310		148 - 2			
2T4796		213 - 39			
2T4796		217 - 13			
2T6495		197 - 12			
2T7421		163 - 2			
2T7421		197 - 5			
2T8828		214 - 20			
20		266			
200-0D6		86 - 45			
200-0D6		86 - 48			
2000		41 - 18			
200066700		154			
200157-1		163F			
200499-1		205 - 24			
2005133		118 - 7			
2005270Y29		107 - 16			
2005270Y29		107 - 17			
2005458		105 - 18			
200572		305 - 6			
2005871		139 - 17			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
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2005873-4		134 - 44			
2006181		95 - 13			
2006235		121 - 55			
2006236		121 - 64			
2006414		94 - 6			
2006930		114 - 76			
2006931		114 - 71			
2007380					
2007598-1		31 - 8			
2007901-6		37 - 3			
2007901-6		214 - 66			
2008242		114 - 75			
2008391		128 - 33			
2010961		214 - 19			
2011661-1		115 - 15			
2012815					
2012834					
2012983		228 - 52			
2012983-1		228			
2013340		216 - 18			
2013424					
2013542		214 - 72			
2013640		214			
2013640-2		214 - 11			
2014894		228 - 62			
2014896		228 - 63			
2015667		193 - 41			
2015667-1		193 - 41			
2015683		121 - 50			
2015821		37 - 2			
2015821		214 - 68			
2016220		231 - 22			
2016386		231 - 23			
2016386-1		231 - 26			
2016386-2		231 - 25			
2018378		212 - 43			
2020840		34 - 9			
2020840-2		34 - 10			
2020840-3		34 - 11			
2024273-1		14 - 7			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	KIT

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	KIT

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
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2026490		209			
2026490-1		209 - 25			
2026490-2		209 - 23			
2028249		217 - 16			
203SF		86 - 26			
203270		304			
203347		304 - 2			
203350		304 - 5			
203476		304			
203479		304 - 4			
203480		304 - 7			
203501		298 - 7			
203502		298 - 9			
2033901-11S390-005		3 - 30P			
2036LB		262 - 22			
203867		298 - 10			
204A204M1		121			
204BP		152 - 33			
204BP		152A - 33			
204BP-G		145 - 36			
204BP-G		147 - 43			
204BP-G		149 - 34			
204BP-R		145 - 35			
204BP-R		147 - 42			
204BP-R		149 - 33			
204B254		122 - 10			
204019		304 - 21			
204653		298 - 4			
204679		304 - 18			
204767		304 - 20			
204810		304 - 11			
205SF		86 - 23			
2060		118 - 13			
206119		298 - 8			
206907		304 - 17			
206908		304 - 16			
2070996		217 - 85			
2072461		217 - 21			
2072461-1		217 - 27			
2072461-2		217 - 24			
2072841		101 - 15			
2073110		24 - 20			
2073111		24 - 19			
207423		304 - 23			
207424		304 - 3			
2075832R200		102 - 19			
2075832R202		102 - 18			
207919		304 - 9			
2081536		106 - 27			
2081537		106 - 23			
2081538		106 - 28			
2081736		217 - 64			
2081737		217 - 63			
2081802		106 - 5			
2081803		106 - 13			
2081804		106 - 32			
2081805		106 - 12			
2081823		106 - 51			
208749		298 - 11			
208781		304 - 24			
2092-2		264 - 52			
209720		304 - 6			
21		269 - 9			
21		269 - 20			
21C14		60 - 35			
2109793		214 - 63			
2112103		33 - 34			
2112103		33 - 54			
2112105		33 - 34			
2112105		33 - 54			
2112251					
2112251-1					
2112292		33 - 16			
2112292		33			
2112292		33			
2112292		33			
2112292		33			
2112292		33			
2112292		33 - 76			
2112292		213 - 65			
2112312		213 - 65			
2112582		33 - 26			
2112582		33 - 36			
2112583		33 - 36			
2112610					
2112874		203 - 35			
2112875		203 - 35			
2112889					
2112889-1					
2113063		222			
2113137					
2113137-1					
2113138		19			
2113138-1		19 - 30			
2113138-2		19			
2113138-3		19 - 35			
2113138-4		19 - 31			
2113232					
2113232-1					
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2113365		222 - 24			
2113397		125			
2113442		222 - 27			
2113489		19A			
2113489-2					
2113489-4		19A- 4			
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2113690					
2113782					
2113887					
2113956		220 - 19			
2113956		223 - 61			
2113956		227 - 32			
2114070					
2114113		220 - 28			
2114127		220 - 26			
2114145-1		126 - 47			
2114147		220 - 42			
2114156		220 - 29			
2114244		123 - 50			
2114291-2		102 - 10			
2114291-4		102 - 9			
2114293		220 - 33			
2114314		41			
2114314		41			
2114314-2		41 - 51			
2114315		41			
2114315		41			
2114315-2		41 - 69			
2114315-2		41 - 82			
2114316		41			
2114316		41			
2114316-2		41 - 44			
2114317		41			
2114317		41			
2114317-2		41 - 43			
2114381		129 - 47			
2114390		33 - 46			
2114391		33 - 46			
2114394		105 - 44			
2114395		105 - 43			
2114396		105 - 42			
2114403		220 - 44			
2114419		220 - 56			
2114420		220 - 40			
2114439		46 - 12			
2114470		220 - 22			
2114495		37 - 8			
2114496		37 - 30			
2114498		37 - 7			
2114499		37 - 29			
2114539		45 - 5			
2114572		42 - 4			
2114572		43 - 6			
2114572-1		42 - 5			
2114573		42 - 4			
2114573		43 - 6			
2114573-1		42 - 5			
2114573-1		43 - 7			
2114574		42 - 16			
2114574		43 - 18			
2114574		44			
2114575		42 - 15			
2114575		43 - 17			
2114600		129			
2114600-2		129 - 58			
2114609					
2114610					
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2114611					
2114612					
2114630		218 - 8			
2114630-10					
2114630-12					
2114630-14					
2114630-2					
2114630-4					
2114630-8					
2114668					
2114695		37 - 23			
2114695		197 - 18			
2114757		220 - 31			
2114803		144			
2114844		44 - 3			
2114845		44 - 8			
2114874		133 - 20			
2114889		105 - 41			
2114914		32 - 5			
2114915		32 - 6			
2115007		133 - 12			
2115017-1					
2115030-1		45 - 16			
2115030-2		45 - 12			
2115030-3		45 - 15			
2115030-4		45 - 14			
2115030-5		45 - 11			
2115035		44 - 7			
2115041		36 - 15			
2115050		122			
2115051		122 - 7			
2115059		47 - 23			
2115063		221			
2115063-12		221 - 60			
2115063-4		221 - 59			
2115098					
2115099					
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2115103					
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2115105					
2115106					
2115107					
2115154		13 - 97			
2115172					
2115189		15 - 29			
2115199		194 - 3			
2115199-1		194			
2115251		194 - 1			
2115251-1		194			
2115277-10		78 - 10			
2115277-12		78 - 9			
2115277-14		78 - 12			
2115277-16		78 - 11			
2115277-18		78 - 16			
2115277-2		78 - 18			
2115277-20		78 - 17			
2115277-22		78 - 14			
2115277-24		78 - 15			
2115277-4		78 - 20			
2115277-6		78 - 19			
2115277-8		78 - 21			
2115285		122 - 11			
2115286		122 - 12			
2115291					
2115293		220 - 37			
2115337		133 - 13			
2115350		95			
2115350-1		95 - 12			
2115350-2		95 - 11			
2115350-4		95 - 10			
2115350-5		95			
2115354		133 - 21			
2115392					
2115393					
2115396		14 - 5			
2115396-1		14 - 7			
2115398					
2115407		20 - 1			
2115407-10		20 - 5			
2115408					
2115408-1					
2115410		20 - 42			
2115411		20 - 40			
2115411-1					
2115411-2					
2115412		20 - 43			
2115420		81A- 56			
2115433		4 - 79			
2115435		4 - 40			

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2115435-1		4 - 44			
2115435-2		4 - 42			
2115437		4 - 69			
2115437-1					
2115437-2					
2115441		4 - 56			
2115441		10 - 21			
2115441-1		4			
2115441-1		10			
2115441-2		4 - 61			
2115441-2		10 - 26			
2115441-3		4			
2115441-3		10			
2115442		4 - 57			
2115442		10 - 22			
2115442-1		4			
2115442-1		10			
2115442-2		4 - 62			
2115442-2		10 - 27			
2115442-3		4			
2115442-3		10			
2115443		5 - 9			
2115443-2		5 - 15			
2115444					
2115446		4 - 30			
2115447					
2115447-1					
2115459		30			
2115459-2		30 - 18			
2115483					
2115515					
2115516		262 - 46			
2115519		218 - 59			
2115530		133 - 22			
2115570		30 - 25			
2115576					
2115577					
2115577-1					
2115578					
2115578-1					
2115579					
2115580					
2115608		127 - 1			
2115611		49 - 16			
2115624		49 - 65			
2115624		49 - 69			
2115624-14					
2115624-16					
2115625		49 - 74			
2115646		100 - 28			
2115662		134 - 3			
2115670					
2115670-1					
2115673					
2115673-1					
2115675		4 - 45			
2115717		192 - 45			
2115718					
2115719		192 - 56			
2115720					
2115720-1					
2115721					
2115722					
2115723		192 - 4	M1		
2115724		192 - 37			
2115725		192 - 38			
2115725-1		192			
2115726		193 - 41			
2115726-1		193			
2115727		192 - 41			
2115727-1		192 - 42			
2115754		220 - 54			
2115755		220			
2115759		30 - 12			
2115780		75			
2115780-6		75 - 82	M		
2115780-8		75 - 83			
2115787		94 - 6			
2115835		218			
2115835-10					
2115835-2		218 - 6			
2115835-4		218 - 7			
2115835-6					
2115835-8					
2115841		121			
2115841-2		121 - 55			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	KIT
2115849		121			
2115849-1		121 - 50			
2115851		121 - 31			
2115852		121 - 70			
2115883		100 - 30			
2115883		100			
2115892		163			
2115896		146 - 47			
2115896		148 - 35			
2115902		142 - 18			
2115902-2		142 - 22			
2115902-3		142 - 19			
2115920		192 - 54			
2115920-1		192			
2115971		21 - 45			
2115972		21 - 44			
2115973		21 - 51			
2115973-2		21 - 52			
2115974		21 - 30			
2115975-1		21 - 4			
2115975-2		21 - 5			
2115982		121 - 22			
2115995					
2115996-1		10			
2115996-2		10 - 28			
2115996-3		10 - 13			
2115996-3		10 - 33			
2115996-4		10 - 31			
2115996-5		10 - 11			
2115996-5		10 - 30			
2115997					
2115997-1					
2116		211 - 18			
2116000		10 - 1			
2116000-1		10 - 5			
2116000-2		10 - 3			
2116012-1		21 - 7			
2116012-2		21 - 8			
2116021		221 - 50			
2116035		40 - 3			
2116035		46			
2116035-2		40 - 4			
2116035-2		46 - 17			
2116035-4		40 - 5			
2116035-4		46 - 18			
2116038		140 - 43	M		
2116038		141 - 11	M		
2116038-1		140 - 44	M		
2116038-1		141 - 12	M		
2116039		140 - 41	M		
2116039		141 - 9	M		
2116039-1		140 - 42	M		
2116039-1		141 - 10	M		
2116070		144 - 57			
2116070		146 - 54			
2116070		148 - 51			
2116070		151 - 53			
2116070		163			
2116073		105 - 32			
2116074		133 - 14			
2116074-1		133 - 15			
2116076					
2116076-1					
2116124		95			
2116124-3		95 - 21			
2116125		76 - 29			
2116126		76 - 17			
2116127		76 - 8			
2116128		78			
2116128-1		78 - 66			
2116130		77 - 83			
2116131-1		77 - 32			
2116131-1		77 - 52			
2116131-2		77 - 79			
2116132		77 - 29			
2116132		77 - 76			
2116133		76			
2116133-1		76 - 45			
2116134		77			
2116134-1		77			
2116134-5		77 - 41			
2116134-6		77 - 40			
2116135		77 - 78			
2116136		77 - 77			
2116137		77 - 65			
2116139		78 - 25			
2116140		78 - 69			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	KIT
2116150		133 - 8			
2116150-1		133 - 9			
2116156		95			
2116156-1		95			
2116156-2		95 - 28			
2116156-4		95 - 29			
2116156-5		95			
2116157		96 - 1			
2116158		95 - 13			
2116159		95 - 14			
2116160		96 - 19			
2116161		78 - 39			
2116161-1		78 - 55			
2116162		78 - 34			
2116162-1		78 - 51			
2116163		78 - 44			
2116163-1		78 - 60			
2116164		77 - 13			
2116166		78 - 59			
2116167		78			
2116168		77 - 34			
2116170		96 - 15			
2116171		96 - 11			
2116171-1		96 - 18			
2116257					
2116272-1		98 - 1			
2116272-3		98 - 2	M1		
2116273		36 - 1			
2116273-2		36 - 6			
2116288-10		138 - 8			
2116288-4		138 - 1			
2116288-5		138 - 9			
2116288-6		138 - 10			
2116288-7		138 - 4			
2116288-8		138 - 6			
2116289		138 - 17			
2116297		98			
2116297-4		98 - 18			
2116322		220 - 35			
2116335		136 - 13			
2116335-1		136			
2116336		131 - 16			
2116337		136 - 16			
2116344					
2116345					
2116354-1		2 - 33			
2116354-2		2 - 37			
2116354-3		2 - 34			
2116354-4		2 - 38			
2116354-5		2 - 35			
2116354-6		2 - 39			
2116404		77			
2116466					
2116475					
2116481		221			
2116602					
2116603					
2116604-2					
2116604-4					
2116605					
2116606					
2116606-1					
2116607		9 - 47			
2116607-1		9 - 48			
2116607-2		9 - 49			
2116608		9 - 23			
2116608-1					
2116608-2					
2116610-1					
2116610-2					
2116610-3					
2116612					
2116612-1					
2116613					
2116613-1					
2116614					
2116614-1					
2116615					
2116618					
2116618-1					
2116618-2					
2116618-3					
2116619					
2116619-1					
2116620					
2116620-1					

PART NUMBER	VOL.	FIGURE AND INDEX NUMBER	CODES SOURCE	CODES RECOVER	CODES KIT
2116621		8 - 31			
2116621-2		8 - 40			
2116621-4		8 - 35			
2116621-6		8 - 37			
2116622-1					
2116622-2					
2116622-3					
2116623					
2116624		8 - 18			
2116624-1					
2116624-2		8 - 21			
2116625		8 - 10			
2116625-1		8 - 15			
2116625-2		8 - 14			
2116626		8			
2116628					
2116629		117 - 2			
2116630		9 - 1			
2116630-2		9 - 4			
2116631		9			
2116631-1		9			
2116631-2		9 - 11A			
2116631-3		9			
2116631-4		9			
2116632		7A			
2116632-1		7A- 13			
2116634		9 - 12			
2116672-1					
2116672-2					
2116672-3					
2116673					
2116673-1					
2116673-2					
2116673-3					
2116673-4					
2116673-5					
2116697		126			
2116697-4		126 - 32			
2116733		46			
2116733-1		46			
2116733-4		46 - 1			
2116733-5		46			
2116799		130			
2116799-1		130			
2116799-2		130 - 30			
2116799-3		130 - 31			
2116847					
2116847-1					
2116848		2 - 4			
2116848-1		2			
2116849		2 - 7			
2116849-1		2			
2116857-1					
2116857-2					
2116857-4					
2116857-5					
2116858-1					
2116858-10					
2116858-11					
2116858-2					
2116858-3					
2116858-4					
2116858-5					
2116858-6					
2116858-7					
2116858-8					
2116858-9					
2116866		2 - 13			
2116866-1		2			
2116882		2 - 26			
2116882-1		2			
2116883		2 - 22			
2116883-1		2			
2116883-2		2 - 25			
2116883-3		2			
2116883-4		2 - 24			
2116883-5		2			
2116884		2 - 18			
2116884-2		2 - 21			
2116884-3		2			
2116884-4		2 - 20			
2116884-5		2			
2116884-5		2			
2116885					
2116885-1					
2116886		2 - 8			
2116886-1		2			
2116886-2		2 - 11			
2116886-3		2			
2116886-4		2 - 10			
2116886-5		2			
2116891		105 - 26			
2116901		2 - 14			
2116901-1		2			
2116901-2		2 - 17			
2116901-3		2			
2116901-4		2 - 16			
2116901-5		2			
2116928		125 - 34			
2116929		125			
2116937		94 - 17			
2116937-1		94			
2116938		94 - 16			
2116938-1		94 - 21			
2116951		263 - 41			
2116966		123 - 20			
2116981		263			
2116989		154 - 16			
2117026		263 - 39			
2117032-1		6A			
2117032-1		128 - 3			
2117032-4		6A			
2117032-4		128 - 4			
2117065		129 - 56			
2117066		129 - 42			
2117066-1		129			
2117067		128			
2117068		128 - 46			
2117069		6A			
2117069		129 - 14			
2117069-1		6A			
2117069-1		129			
2117070		6A			
2117070		129 - 15			
2117070-1		6A			
2117070-1		129			
2117079		279 - 63			
2117087		89 - 55			
2117119		86 - 25			
2117120		86			
2117120-1		86 - 35			
2117126		83 - 34			
2117136		213 - 32			
2117136		265 - 12			
2117137		73 - 67	M		
2117141		81 - 49			
2117141		81 - 58			
2117141		83 - 31			
2117142		82A- 29			
2117142-1		82A			
2117172		58 - 24			
2117191		86 - 39			
2117221		188 - 1			
2117241		86 - 40			
2117242		83 - 32			
2117242-1		83 - 33			
2117251-1		119 - 9			
2117251-1		120 - 9			
2117264		110 - 7			
2117289		106 - 37			
2117289-1		106 - 40			
2117290		106 - 34			
2117290-1		106 - 36			
2117302		161 - 35			
2117336		58 - 22			
2117337		58 - 14			
2117340		58 - 21			
2117345		89 - 46			
2117361		20 - 29			
2117362		20 - 12			
2117364					
2117364-1					
2117376		129			
2117377		128 - 25			
2117377-2		128 - 28			
2117378		129			
2117378-2		129 - 36			
2117415		58 - 11			
2117427		19 - 28			
2117427-1		19			
2117446		277 - 31			
2117451		88			
2117451-2		88 - 33			
2117515		30 - 19			
2117517		100 - 29			
2117567		134 - 13			
2117571		126 - 12			
2117583		218 - 19			
2117583-2					
2117583-4					
2117583-6					
2117694		8			
2117615		89 - 43			
2117617					
2117617-1					
2117624		64 - 61			
2117624		65 - 21			
2117624		66 - 72			
2117719		39 - 9			
2117732-1		75			
2117732-2		75 - 86			
2117734		6A			
2117734		75 - 34			
2117735-3		73 - 49			
2117735-4		73 - 48			
2117736		6A			
2117736		75 - 61			
2117747					
2117755		88			
2117755-1		88 - 19			
2117755-2		88 - 18			
2117772		119 - 41			
2117802		103 - 16			
2117802		107 - 35			
2117803		103 - 15			
2117803		107 - 34			
2117832		90 - 58			
2117847					
2117848					
2117849					
2117850					
2117851					
2117852					
2117856					
2117924		17 - 29			
2117924-1		17 - 30			
2117925		17			
2117925-2		17 - 28			
2117926		17 - 5			
2117927		16 - 48			
2117927-1		16			
2117927-1		16			
2117928		17 - 42			
2117962-1		87 - 9			
2117962-3		87 - 34			
2117974		279 - 7			
2117975		279 - 48		M	
2117976		279			
2117976-1		279 - 47			
2117977		279 - 35			
2117978		279 - 70			
2117979		279 - 55			
2117980		279 - 77			
2117981		279 - 68			
2117983		279 - 69			
2117984		279 - 31			
2117984-1		279 - 32			
2118039		119 - 31			
2118040		119			
2118041		119 - 19			
2118041		120 - 21			
2118042		119 - 8			
2118042		120 - 8			
2118074		79 - 52			
2118074-2					
2118074-4					
2118074-6					
2118075		81A- 17			
2118075-1		81A			
2118077		84A- 21			
2118088		261 - 10			
2118106-1		135 - 10			
2118106-2		135 - 9			
2118106-3		135 - 7			
2118106-4		135 - 8			
2118113					
2118132		107 - 38			
2118132-1		107 - 42			
2118135-1		107 - 48			
2118135-3		107 - 49			
2118140		101 - 28			
2118140		105 - 21			
2118142		101 - 15			
2118143		98 - 28			
2118148		88			
2118172		11 - 24			
2118172-2		11 - 29			
2118172-4		11 - 26			
2118172-6		11 - 27			
2118197		88 - 37			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES: SOURCE	CODES: RECOVER	CODES: KIT
2118210		281 - 53			
2118227-1		232 - 5			
2118299		83 - 24			
2118299-1		83			
2118300		83 - 27			
2118302		84 - 8			
2118303		81A- 11			
2118303-1		81A			
2118304		81 - 18			
2118305		130 - 50			
2118305-1		130			
2118305-2		130			
2118306		81			
2118306-1		81 - 11			
2118307		130 - 43			
2118308		130 - 57			
2118308-1		130 - 58			
2118309		130			
2118309-2		130 - 56			
2118310		83 - 26			
2118310-1		83			
2118312		130 - 20			
2118313		130			
2118313-2		130 - 55			
2118392-1		125 - 1			
2118392-2		125 - 6			
2118396		213 - 31			
2118399		119 - 16			
2118407		108 - 34			
2118422-2					
2118422-3					
2118422-4					
2118422-5					
2118423					
2118423-1					
2118429		83 - 22			
2118429-1		83			
2118473		87 - 53			
2118473-4		87 - 67			
2118473-6		87 - 60			
2118473-8		87 - 66			
2118474		82 - 22			
2118497		79 - 37			
2118498		79 - 63			
2118498		87 - 46			
2118499		79 - 74			
2118507-2					
2118507-3					
2118507-4					
2118507-5					
2118571		130 - 40			
2118571-1		130 - 42			
2118572		130			
2118572-1		130 - 29			
2118573		143 - 14			
2118593		80 - 29			
2118598		79 - 55			
2118611-1					
2118611-2					
2118611-4					
2118611-5					
2118625-1		142 - 6			
2118625-2		142 - 4			
2118643		97 - 1			
2118648		89 - 44			
2118649		89 - 47			
2118651					
2118651-1					
2118684		102 - 17			
2118685		102 - 23			
2118705		39 - 31			
2118706		39 - 30			
2118707		39 - 19			
2118718		32 - 1			
2118733		75			
2118733-02		75 - 85			
2118735		92			
2118735-2		92 - 19			
2118735-6		92 - 12			
2118773		46			
2118773-2		46			
2118774		106 - 1			
2118774-1		106 - 8			
2118774-2		106 - 6			
2118777		106			
2118777-2		106 - 12			
2118778		106			
2118778-2		106 - 13			
2118779		106			
2118779-2		106 - 27			
2118780		106 - 21			
2118780-2		106 - 23			
2118781		106			
2118781-2		106 - 28			
2118782		106 - 32			
2118783		40 - 14			
2118784		106 - 18			
2118784-1		106 - 20			
2118785		106			
2118785-2		106 - 51			
2118786		46			
2118786-2		46 - 48			
2118789		155 - 43			
2118789		274 - 8			
2118789		274 - 36			
2118789-2		274 - 14			
2118789-2		274 - 42			
2118789-4		274 - 15			
2118789-4		274 - 43			
2118789-6		274 - 9			
2118789-6		274 - 37			
2118802		39 - 36			
2118818		92 - 4			
2118889		213 - 21			
2118891-2		213 - 30			
2118891-4		213 - 29	M		
2118927-2		101 - 26			
2118927-4		101 - 27			
2118927-6		101			
2118927-8		101			
2118951-1		114			
2118951-2		114			
2118951-3		114			
2118951-4		114 - 72			
2118951-5		114 - 74			
2118951-6		114 - 67			
2118951-7		114 - 73			
2118952		114			
2118952-2		114 - 71			
2118953		106 - 5			
2118956		118 - 7			
2118972		114 - 75			
2118973		114 - 76			
2118974					
2118975		114 - 50			
2118975		118			
2118976		114 - 84			
2118976-2		114 - 86			
2118995		121 - 6			
2118996		76 - 40			
2119018		114 - 16			
2119018		115			
2119019		114 - 78			
2119020		115			
2119020-2		115 - 15			
2119039		213 - 63			
2119041-2		229 - 61			
2119049		100 - 40			
2119106					
2119108					
2119109					
2119110					
2119113		42			
2119113-2		42 - 23			
2119124		107 - 12			
2119150-2		105 - 15			
2119150-4		105 - 20			
2119150-6		105 - 11			
2119150-8		105 - 10			
2119151-1		139 - 2			
2119151-3		139 - 3			
2119187		79 - 15			
2119187-2					
2119187-4					
2119187-6					
2119187-8					
2119188		79 - 20	P1		
2119188-10					
2119188-2					
2119188-4					
2119188-6					
2119188-8					
2119189		84A- 14			
2119197		16 - 21			
2119203		16 - 23			
2119203		164 - 8			
2119203-1		16			
2119203-1		164			
2119212		57 - 1			
2119212-2		57 - 4			
2119212-4		57 - 3			
2119216		105 - 18			
2119243		221 - 43			
2119243-2		221 - 49			
2119243-4		221 - 46			
2119284		84A- 17			
2119284-1		84A			
2119305					
2119344		139 - 24			
2119345-3		92 - 10			
2119345-3		139 - 17			
2119345-4		134 - 44			
2119356					
2119370		277 - 22			
2119391-2		26 - 25			
2119392		26 - 25			
2119392		27 - 37			
2119464-2		27 - 37			
2119500		195 - 50			
2119520					
2119521		109 - 23			
2119540		84 - 14			
2119541		84 - 13			
2119563-2		27 - 10			
2119569-2		27 - 9			
2119630		84			
2119630-2		84 - 20			
2119630-4		84 - 19			
2119657		109 - 43			
2119767		109 - 6			
2119769		113 - 29			
2119772		113 - 30			
2119774		113 - 28			
2119777		110 - 84			
2119795		201 - 14			
2119795		204 - 13			
2119796		201 - 33			
2119796		204 - 26			
2119797-1		201 - 9			
2119797-1		204 - 5			
2119797-3		204 - 8			
2119797-4		204 - 9			
2119810		26 - 6			
2119810-1		26 - 7			
2119831		109 - 27			
2119859-1		264			
2119859-2		264			
2119948		44 - 17			
2119949		44 - 13			
2119950		44 - 11			
2119982		28 - 11			
2119983		28 - 11			
2119998		171 - 28			
2119998		264 - 2			
2119998		266 - 2			
212-12N		294 -			
21278		166 - 37			
2130136		165 - 23			
2130136-2		264 - 12			
2130136-2		264 - 21			
2130136-2		266 - 4			
2130136-2		266 - 11			
2130136-4		264 - 20			
2130136-4		266 - 10			
2130147		27 - 46			
2130178		264 - 13			
2130178		266 - 7			
2130192		91 - 28			
2130193		91 - 27			
2130194		91 - 20			
2130227		91			
2130228		91 - 39			
2130228-1		91 - 40			
2130234		91 - 25			
2130235		91 - 26			
2130236		91 - 19			
2130323		114 - 44			
2130346		98			
2130375		121 - 61			
2130412		98 - 6			
2130458		130 - 55			
2130459		130 - 56			
2130630		16 - 21			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES SOURCE	CODES RECOVER	CODES KIT
2130631		16 - 20			
2130632		16 - 14			
2130736		13 - 87			
2131256		128 - 58			
2131256		128 - 58			
2131397		201 - 15			
2131722		39 - 26			
2131745		207 - 8			
2131841		206 - 2			
2131841-2		206 - 4			
2132408		281			
2132408		281			
2132408-2		281 - 15			
2132408-2		281 - 75			
2132408-4		281 - 14			
2132408-4		281 - 74			
2132409		281			
2132409		281			
2132409-2		281 - 11			
2132409-2		281 - 71			
2132532		281 - 6			
2132557					
2132572		202 - 43			
2132580-1					
2132580-10					
2132580-11					
2132580-12					
2132580-13					
2132580-2					
2132580-3					
2132580-4					
2132580-5					
2132580-6					
2132580-7					
2132580-8					
2132580-9					
2132615		281 - 8			
2132616		281 - 7			
2132630		281 - 4			
2132656					
2132718		103 - 18			
2132721		103 - 23			
2132722-10		281 - 38			
2132722-12		281 - 39			
2132722-2		281 - 34			
2132722-4		281 - 35			
2132722-6		281 - 36			
2132722-8		281 - 37			
2132826		281			
2132981					
2133383		114			
2133383-2		114 - 61			
2133385		114 - 61			
2133462-1					
2135219		264 - 34			
2135270		39 - 20			
2135381		103 - 37			
2135403-1		202 - 23			
2135403-2		202 - 28			
2135403-3		207 - 4			
2135403-4					
2135403-5		207 - 3	P1		
2135403-6					
2135403-8					
2135598		43 - 5			
2135598-1		43			
2135993-2		86 - 12			
2135993-4		86 - 10	P		
2135993-6		86 - 11	P		
2136538		192			
2137513-1		140 - 18			
2137513-2		140 - 19			
2137513-3		140 - 20			
2139003		140 - 69			
2139003		197 - 51			
2139006		142 - 7			
2139061		64			
2139061		65			
2139061		66			
2139061		263			
2139061-2		64 - 63			
2139061-2		65 - 42			
2139061-2		66 - 60			
2139061-2		263 - 6			
2139093		46			
2139093-2		46 - 27			
2139146		277 - 9			
2139146		278 - 7			
2139163		159 - 37			
2139226-2		283 - 74			
2139226-4		283 - 73			
2139246					
2139247					
2139249-2					
2139249-4					
2139251					
2139353					
2139354					
2139355					
2139368		192 - 58			
2139369		125			
2139369-2		125 - 4			
2139369-4		125 - 5			
2139370-2		125 - 10			
2139370-3		125			
2139382		121 - 11			
2139383		121 - 10			
2139395-2		107 - 52			
2139395-4		107 - 53			
2139395-6		107 - 54			
2139421		203 - 51			
2139421-2		203 - 54			
2139421-4					
2139438		30 - 10			
2139502		213 - 34			
2139508					
2139535		281 - 68			
2139536		281 - 66			
2139538		281 - 67			
2139563					
2139563-1					
2139564					
2139569		41 - 10			
2139569-2		41 - 13			
2139569-4		41 - 12			
2139569-6		41 - 11			
2139733		284 - 27			
2139734		284 - 29			
2139742		284 - 28			
2139764		284 - 17			
2139766		284 - 30A			
2139810		123 - 51	P1		
2139827-1		137 - 12			
2139827-3		137 - 9			
2139827-4		137 - 3			
2139827-5		137 - 4			
2139827-6		137 - 7			
2139827-7		137 - 5			
2139828-1		135 - 4			
2139828-2		135 - 3			
2139828-3		135 - 2			
2139828-4		135 - 1			
2139834		137 - 26	M		
2139861		284 - 7			
2139862		284 - 5			
2139863		284 - 23			
2139880					
2139891					
2139934		284 - 9			
2139935		284 - 14			
2139936		284 - 13			
2139938		5			
2139938-2		5			
2139945					
2139946					
2139954		27 - 51			
2139954		29 - 15			
214U		61 - 12			
2140007		27 - 22			
2140008		27 - 49			
2140008-1		27 - 50			
2140009		27 - 48			
2140009-1		27 - 47			
2140010		27 - 28			
2140021		27 - 8			
2140062		202 - 42			
2140086		284 - 34			
2140098		27			
2140099		27 - 11			
2140099-1		27 - 12			
2140109		202 - 11			
2140119		84 - 3			
2140119		84A - 7			
2140145		202 - 13			
2140200		202 - 2			
2140249		270			
2140249		271			
2140272		201 - 38			
2140284		222 - 6			
2140287		222			
2140287-2		222 - 9			
2140343		203 - 39			
2140517		19A - 23			
2140517-2		19A - 28			
2140517-4		19A - 27			
2140517-6		19A - 26			
2140681		202 - 17			
2140682		202			
2140792-2		27 - 23			
2140792-4		27 - 24			
2140798		26 - 51			
2140799		26 - 50			
2140803		26 - 43			
2140804		26 - 44			
2140817-2		203 - 20			
2140817-4		203 - 19			
2140817-6		203 - 18			
2140966		264 - 32			
2140966		266 - 17			
2141063		27 - 25			
2141071-1					
2141071-2					
2141071-3					
2141071-4					
2141071-5					
2141113					
2141188		206 - 16			
2141189		206 - 17			
2141190		206 - 15			
2141192		51 - 58			
2141269		197 - 14			
2141321		51 - 23			
2141321		52 - 9			
2141321		52 - 21			
2141330		263 - 40			
2141345		26			
2141349		263			
2141352		157 - 16			
2141393		37 - 16			
2141393		197 - 17			
2141393-2		37 - 18			
2141424		271			
2141424-2		271 - 21			
2141473					
2141544		197 - 16			
2141545					
2141607-2					
2141607-4					
2141608					
2141610-1					
2141610-2					
2141611					
2141619		197 - 66			
2141656					
2141689		220 - 5			
2141689		223 - 5			
2141689		223 - 16			
2141690-10		220 - 3			M
2141690-10		223 - 3			M
2141690-14		223 - 25			M
2141690-16		223 - 21			
2141690-2		220 - 17			M
2141690-2		223 - 28			M
2141690-6		220 - 7			
2141690-6		223 - 7			
2141690-8		220 - 8			
2141690-8		223 - 8			
2141754		219 - 28			
2141755		219 - 29			
2141756		219			M1
2141757		219 - 31			
2141763		219 - 30			M1
2141764		219			
2141846					
2141846-1					
2141883		15 - 4			
2141883-2		15 - 6			
2141889		197 - 67			
2141903		219 - 20			
2141936		40 - 24			
2141973		264 - 44			
2142014		265 - 27			

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2142014		266 - 48			
2142017		230 - 14			
2142021		97 - 2			
2142023		230 - 15			
2142027		230 - 17			
2142037					
2142047		30 - 1			
2142052		263			
2142052-2		263 - 49			
2142052-4		263 - 48			
2142064		230 - 21			
2142097		223 - 66			
2142097		227 - 36			
2142162		153 - 14			
2142163		153 - 15			
2142165		205 - 26			
2142174		225 - 36			
2142174		226 - 17			
2142174-2		225 - 39			
2142174-2		226 - 20			
2142200		224 - 16			
2142229-2		205 - 32			
2142242		224 - 51			
2142259-10		223 - 73	M1		
2142259-10		227 - 78	M1		
2142259-12		224 - 41			
2142259-8		223 - 71	M1		
2142264		221 - 12			
2142280					
2142284		221 - 18			
2142303		9			
2142304		9			
2142345		9 - 5			
2142345-1		9 - 8			
2142345-2					
2142345-3		9 - 7			
2142345-4		9 - 9			
2142345-8					
2142354		178 - 20			
2142354		225 - 1			
2142354		226 - 1			
2142354		226 - 26			
2142354		229 - 5			
2142354		229 - 58			
2142357		219 - 10			
2142376		117 - 64			
2142385		2			
2142385-1		2			
2142390		2 - 2			
2142390-1		2 - 2			
2142442		225 - 47B			
2142442		226 - 47A			
2142453		219 - 12			
2142464		123 - 14			
2142538		281			
2142538		281			
2142545		26 - 54			
2142545-1		26 - 55			
2142562		29 - 43			
2142563		29 - 42			
2142593					
2142705		235 - 6			
2142705		238 - 53			
2142717-10		224	M1		
2142717-2		224 - 7			
2142717-4		224 - 4			
2142717-6		224 - 2			
2142717-8		224 - 5			
2142733		271 - 31			
2142742		215 - 34			
2142742-2		215 - 36			
2142742-4		215 - 35			
2142750		123 - 32			
2142822		213 - 60			
2142822		215			
2142842		223			
2142842		223 - 35			
2142843		224 - 3			
2142844		224 - 6			
2142844		224			
2142845		224 - 20			
2142845		224			
2142856					
2142858					
2142859					
2142860					
2142863-2		237 - 40			
2142863-6		237 - 35			
2142863-8		237 - 36			
2142888					
2142964		40			
2142969		230 - 7			
2142972		40 - 34			
2143002		281 - 18			
2143002		281 - 7A			
2143004		237 - 25	M		
2143004		240 - 40	M		
2143028		140 - 61			
2143081-1					
2143081-2					
2143081-3					
2143081-4					
2143081-5					
2143124		65			
2143124		66			
2143159		65			
2143159		66			
2143161		123 - 2			
2143170		215			
2143170-2		215			
2143170-4		215			
2143248		261			
2143248-2		261			
2143253		65			
2143253		66			
2143254		65			
2143254		66			
2143256		18 - 10			
2143431					
2143452-1		91 - 5			
2143452-10		91 - 7			
2143492					
2143505		263 - 57			
2143547		226 - 7			
2143547-1		226 - 8			
2143568		26 - 45			
2143633-1		7A- 30			
2143633-2		7A- 31			
2143633-3		7A			
2143633-4		7A			
2143633-5		7A- 39			
2143649		226 - 14			
2143674-2		112 - 6			
2143674-3		112			
2143712					
2143724		16 - 28			
2143853		278 - 20			
2143854		265 - 10			
2143943		205 - 16			
2143943-2		205 - 20			
2143943-3		205 - 21			
2143978		201 - 40	M		
2143979		201 - 39			
2149557		205 - 1			
2149560					
2161131		204 - 45			
2161132		204 - 61			
2161222					
2161222-1					
2161343		24			
2161535		24 - 59			
2161539		24 - 63			
2162086					
2162091-4		73 - 26			
2162091-5		73 - 27			
2162227		192 - 21			
2162317		192 - 18			
2162392		11 - 20			
2162399					
2162950					
2171561					
2172369		71 - 14			
2172369-1		71			
2172370		71 - 18			
2173559		265 - 4			
217827		302 - 10			
218MFF2		121 - 63			
21846		154			
21846		186 - 9			
21846		188 - 31			
2185324		2 - 2			
2185324-1		2 - 2			
2185336					
2185347		161 - 36			
2185356-2		157 - 2			
2185356-4		157 - 3			
2185356-6		157 - 4			
2185464		157			
2185477		194			
2185477-1		194			
2188035		93 - 37			
2188086		93 - 21			
2188116		93 - 36			
2188116-2		93 - 38			
2188157		124 - 14			
2188157		124 - 21			
2188158		124 - 10			
2188281		132 - 34			
2188300		230			
2188301		230			
2188304					
2188305		230			
2188402		228 - 10			
2188415		211 - 10			
2188415-1		211			
2188415-2		211 - 19			
2188415-4		211 - 12			
2188426		227 - 47			
2188428		228 - 17			
2188429		228 - 2			
2188429		228 - 5			
2188430		228 - 47			
2188431		228 - 35			
2188432		228 - 18			
2188432		228 - 27			
2188437		228 - 39			
2188450-500					
2188450-502					
2188450-504					
2188455					
2188460					
2188463		227 - 22			
2188494		229 - 1			
2188505		231 - 20			
2188505-1		231			
2188511		227 - 18			
2188520		31 - 14			
2188520-2		31 - 19			
2188520-4		31 - 17			
2188520-6		31 - 18			
2188530		25 - 11			
2188530-2		25			
2188531		25 - 10			
2188531-2		25 - 14			
2188533		227 - 59			
2188535-2		227 - 3			
2188535-4		227 - 4			
2188552		227 - 71			
2188558		231 - 11			
2188576		228 - 44			
2188589		227 - 20			
2188590		231 - 12			
2188604		227 - 55			
2188605		228 - 23			
2188605		228 - 31			
2188622		25 - 28			
2188623		25 - 2			
2188663		143 - 24			
2188664		25 - 27			
2188721		231 - 2			
2188753		10			
2188753-2		10 - 40			
2188754		268 - 36			
2188781		268 - 30			
2188800		151 - 18			
2188809		208 - 13			
2188826		141 - 34			
2188828		268			
2188828-2		268 - 72			
2188828-6		268 - 69			
2188830-10		74			
2188830-12		74			
2188830-14		74 - 22			
2188830-16		74 - 21			
2188845					
2188845-1					
2188859		268 - 8			
2188911		268 - 58			
2188911-2		268 - 64			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES: SOURCE	CODES: RECOVER	CODES: KIT
2188911-4		268 - 59			
2188917		204 - 89			
2188943		243 - 18			
2188944		243 - 40			
2188947		192 - 62			
2188954-10		209 - 49			
2188954-12		209 - 50			
2188954-14		212 - 18			
2188954-16		212 - 20			
2188954-18		212 - 21			
2188954-50		212 - 19			
2188954-6		208 - 30			
2188954-8		208 - 29			
2188966-38		243 - 54			
2188991		209 - 14			
2189008		208 - 46			
2189021		198 - 10			
2189025		217 - 75			
2189025-2		217 - 77			
2189112-1212		217 - 57			
2189112-1224		217 - 59			
2189112-1712		217 - 58			
2189112-2500		217 - 37			
2189139		278 - 43			
2189141		243 - 80			
2189163		211 - 20			
2189191		241 - 57			
2189191-2		241 - 60			
2189192		241 - 53			
2189192-2		241 - 56			
2189253		231 - 57			
2189254		231 - 56			
2189264		209 - 26			
2189346					
2189501		8 - 29			
2189501-1		8 - 30			
2189501-2		8 - 38			
2189501-3		8 - 39			
2189501-4		8 - 34			
2189501-6		8 - 36			
2189502-2		200 - 24			
2189502-4		200 - 25			
2189502-6		200 - 26			
2189530		103 - 3			
2189535		20 - 44			
2189538		263 - 58			
2189569					
2189571		145 - 34			
2189598		278			
2189600		33 - 17			
2189602		151 - 10			
2189602		152 - 7			
2189602		152A - 7			
2189609		117	M		
2189611		151 - 12			
2189611		152 - 10			
2189611		152A - 10			
2189616		265 - 37			
2189616		270			
2189616-2		270 - 29			
2189645-2		33 - 6			
2189645-4		33 - 7			
2189645-4		33 - 71			
2189645-4		35 - 55			
2189647		266 - 50			
2189652		139 - 16			
2189653		139 - 13			
2189655		205			
2189664		139			
2189664-2		139 - 10			
2189691		124 - 1			
2189693		124 - 25			
2189696		124			
2189699		124 - 24			
2191		202 - 25			
2191		203 - 52			
2191		204 - 21			
2191		207 - 2			
2191		207 - 6			
22		176 - 40			
22A1K3-02		156			
22A17-054		6A			
22A892		65 - 53			
22A892		66 - 18			
22D12-02		103 - 21			
22D12-02		103 - 26			
22D16-02		52 - 29			
22K1-02		112 - 3			
22K3-82		159			
22ND16-02		204 - 58			
22ND8-02		200 - 4			
2202017		240 - 34			
2202027		154 - 30			
2202031		240 - 35			
2202033		239 - 9			
2202033		241 - 6			
2202033-1		239			
2202033-1		241			
2202042		239 - 34			
2202042		241 - 27			
2202093		86 - 3			
2202093-10		86 - 5			
2202093-12		86 - 6			
2202093-2		86 - 9			
2202093-4		86 - 8			
2202093-6		86 - 4			
2202093-8		86 - 7			
2202160		203 - 6	M		
2202163					
2202183		197 - 43			
2202184		197 - 50			
2202210		112 - 5			
2202218		63 - 10			
2202218-4		63 - 12			
2202230					
2202316		149 - 41			
2202318		151 - 50			
2202351		204			
2202351-2		204 - 18			
2202397		107 - 33			
2202418		89			
2202440		224 - 36			
2202465		28			
2202465-2		28 - 46			
2202499		270 - 35			
2202636		28			
2202636-2		28 - 47			
2202707		223 - 49			
2202708		223 - 59			
2202717		223 - 55			
2202740		265 - 11			
2202755		22 - 2			
2202761		62 - 65			
2202793		238 - 21			
2202897		62 - 66			
2202914		51 - 36			
2202932		49 - 14			
2202966		52			
2202966-2		52 - 17			
2202987		51			
2202987-2		51 - 22			
2203002		51			
2203002-2		51 - 31			
2203039		270 - 36			
2203092		236 - 52			
2203092		238			
2203092		239 - 52			
2203092-2		238 - 59			
2203092-2		239 - 58			
2203109		233 - 29			
2203109		236 - 32			
2203109		238			
2203113		108 - 63			
2203170		61			
2203226		266			
2203226		270 - 8			
2203234		272			
2203234		272 - 55			
2203234		273			
2203234-2		272 - 33			
2203234-2		272 - 56			
2203234-2		273 - 20			
2203291		19 - 8			
2203291-1		19			
2203360		41			
2203360		41			
2203360-2		41			
2203361		41			
2203361-2		41			
2203465		41			
2203465-2		41			
2203617		61			
2203650-10					
2203650-12					
2203650-14					
2203650-16					
2203650-2					
2203650-4					
2203650-6					
2203654					
2203654-1					
2203655-2					
2203655-3					
2203655-4					
2203655-5					
2203655-6					
2203655-7					
2203689		65 - 56			
2203689		66 - 31			
2203690		65			
2203690		66			
2203751		22 - 7			
2203840		42			
2203840		43			
2203840-1		42			
2203840-1		43			
2203841		85			
2203932		61			
2203932		62 - 12			
2203947		147 - 40			
2203947		149 - 30			
2203947		151 - 45			
2203947		152 - 29			
2203947		152A - 29			
2203960		40 - 52			
2203971		41			
2203971-8		41			
2203993		121			
2203993-2		121			
2204012		41			
2204012-12		41			
2204059					
2204129		41			
2204129-12		41			
2204205		233 - 28			
2204205		236 - 22			
2204205		238			
2204243		238 - 28			
2204244		238 - 27			
2204305		99 - 1			
2204306		99 - 2			
2204307		105			
2204308		105			
2204657		242 - 18			
2204657		243 - 18			
2204663					
2204673		49 - 70			
2204673-6					
2204673-8					
2204752		51 - 25			
2205068		49			
2205068-2					
2205068-4					
2205248-2		61 - 46			
2205248-4		61 - 47			
2205248-6					
2205248-8					
2205255		197 - 24	M1		
2205342		142 - 43			
2205572		41			
2205573		41			
2206025		55 - 7			
2206087		122 - 6			
2206096					
2206151		55 - 28			
2206284		50			
2206284-2		50 - 18			
2206328		55 - 26			
2206337-500		50 - 26	M		
2206337-502		50 - 27			
2206409		55 - 37			
2206419		55 - 36			
2206486		54 - 19			
2206558		66 - 35			
2206559		66 - 34			
2206667		55 - 43			
2206669		55 - 42			
2206773		41			
2206773-2		41			
2206795		63			
2206802		63 - 6			
2206916		69			
2206944		55 - 32			
2207028		55 - 22			
2207029		55 - 21			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	EXT
2207194		55 - 3			
2207403		67 - 8			
2207403-2					
2207403-4					
2207427		67 -. 7			
2207427-2					
2207428		67 - 2			
2207429		67 - 5			
2207720		264			
2207735		76 - 65			
2208005		256 - 90			
2208005		256 -121			
2209-6		159 - 20			
2209808		146 - 19			
2209809		146 - 30			
2209821		9 - 22			
2209834		261 - 25			
2209886		50 - 24			
2209887		62 - 31			
2209887-4		62 - 34			
2209914		50 - 36			
2209915		262 - 51			
2209916		262 - 52			
2209916-1		262			
2209922		143			
2209922-8		143 - 7			
2209926		195 - 46			
2209971		120			
2209973		120 - 37			
2209976		120 - 39			
2209983		50 - 30			
2209984		49 - 78			
2209984-2					
2209984-4					
2209985		50			
2209985-2		50 - 55			
2209989		33 - 22			
2214572-1		43 - 7			
2238183		200 - 1			
224-1		197 - 33			
224-2		197 - 34			
224-3		197 - 35			
224-4		197 - 36			
2240162		24			
2240162-2		24 - 41			
2240163		24			
2240163-3		24 - 42			
2240585					
2240586					
2240588					
2240589					
2240590					
2243455		73 - 42			
2243456		73			
2245068		24 - 49			
2245414		24 - 50			
225F01		145 - 31			
225F01		147 - 38			
2255932		154 - 39			
2291		263 - 45			
23E50		38 - 9			
2300		113			
2300		122 - 3			
2316192		73 - 41			
2316272		73			
231939		101 - 28			
231939		105 - 21			
2324055		243 - 76			
2324057					
2324692		75 - 68			
2324693		75 - 64			
2324694		75 - 67			
2327030		74			
2327030-1		74			
2327030-2		74 - 39			
2327030-3		74 - 40			
2327031		74 - 43			
2327031-1		74 - 44			
23410		97 - 8			
2347191-2		59 - 46			
2347191-2		107 - 14			
2347191-4		59 - 47			
2347191-4		107 - 14A			
2347288		60 - 12			
2355018-502		263 - 15			
2355018-504		263 - 24			
2355033		263 - 25			
2355037		60			
2355038		59 - 19			
2355038		60			
2355038		60			
2355041		48A			
2355041		63			
2355052		39 - 21			
2355053		48 - 18			
2355053		59 - 24			
2355053		59 - 33			
2355053		59 - 40			
2355053		60 - 55			
2355053		60			
2355053		70 - 8			
2355064		39 - 12			
236251		31 - 1			
236251		36 - 2			
236251-1		31 - 5			
236251-1		36 - 8			
236251-2		31 - 6			
236251-2		36 - 7			
236251-3					
2365085		111 - 24			
236570-1		31 - 29			
2369282		272 - 44			
2369286		266 - 77			
2369286		268 - 49			
2369286		269 - 41			
2369286		272 - 43			
2369286		273 - 7			
2369286		273 - 17			
238754-2		114			
2391862		111 - 28			
2392250-608		107 - 62			
2394273		74 - 23			
2394337		74 - 12			
2394338		73			
2394338-3		73 - 32			
2394338-5		73 - 33			
2394339		74			
2394339-3		74 - 28			
2394467		69 - 10			
2394483		74 - 15			
2394902		159 - 9			
2395304		68			
2395304-3		68 - 1			
2395304-5		68 - 2			
2395304-7		68 - 3			
2399112		104 - 4			
2399113		104 - 1	P		
2399571		156			
2399571-3		156 - 15			
2403938		266 - 51			
2409136		155			
2409136		155A- 13			
2409136-3		155 - 50			
2409136-501		155A- 11			
241014		297 - 50			
241125		304 - 13			
241507		304 - 12			
244311		298 - 1			
242481		119 - 8			
242481		120 - 8			
24699A		283 - 62			
2482374		157 - 8			
2482491		157 - 5			
2482492		157 - 6			
2482508		157 - 7			
2482640		157			
2482892		156 - 16			
2483505		157 - 10			
2484316		154 - 7			
2484362		163 - 5	M		
2484425		153 - 7			
2484516		158 - 7			
2484516		158 - 10			
2484581		159 - 32			
2484747		156			
2484747-3		156 - 18			
2484841		156 - 19			
2484841-3		156			
2484841-5		156			
2484916		154			
2484917		154			
2484917-3		154			
2485174		154			
2485520		156 - 25			
2485632		16 - 6			
2485909		158 - 2			
2488339		153			
2488600		153 - 16			
2488600-3		159			
2490093		154 - 31			
2490940		157			
2491526		157 - 56			
2491526-3		69 - 16			
2492191		190 - 9			
2492195		69 - 1			
2492235-1		69 - 15			
2492235-501		155A- 12			
2494683		190 - 8			
2496666		See 2130323			
2521CT8		See 2130323			
2521CT8D		113			
2525		122 - 2			
2525		156 - 10			
2532391		156 - 32			
2532391-3		302 - 14			
254337		302 - 3			
254338		302 - 2			
254339		302 - 13			
254340		302 - 12			
254341		302 - 11			
254342		300 - 15			
254426		300 - 6			
254427		300 - 12			
254427		187 - 23			
255327-502		261			
26-0376		261			
26-0376		264			
26-0625		183 - 7			
26W-1		294 -			
2600-B		294 -			
2600-SW2		153 - 34			
2600-1		156 - 42			
2600-1		176 - 39			
2615		132 - 44			
26450		138 - 16			
26450		43-4			
2681-4-8		304 - 26			
270618		298 - 13			
270810		149 - 23			
27383		148 - 15			
275205		302 - 8			
277638		302 - 15			
277639		300 - 8			
277667		300 - 10			
277668		64 - 69			
28-0376		144 - 49			
28-0376		269 - 26			
28-0376		305 - 3			
28-1C		128 - 5			
28-2G		40 - 35			
28-2G6		40 - 30			
280R3		64 - 85			
280R3		65 - 75			
280R3		66 - 78			
2826-10S2S		263 - 17			
2850A1		287 - 9			
2852A1A		287			
2857A1A		287			
285781		287			
2948		275 - 5			
295134-88		160 - 11			
295202-128		160 - 12			
298H01		145 - 12			
298H01		147 - 16			
3		36 - 4			
3		213 - 38			
38		218 - 24			
3D-1000-1171-52		296 - 7			
3P207JA		63 - 25			
3P211J		63			
3P211JB		63			
3P211JC		63			
3006968		121			
3012		114 - 83			
3013293		214 - 73			
3013644		214 - 74			
3013644-2		15 - 27			
3017267		1677			
302-0023-000		113			
302D		122			
302D		232			
30400					

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	KIT
305-1A$18		204			
305-1A$19		204			
305A1		200 - 30			
305A2		200 - 29			
308W		121 - 20			
31-1A		23 - 27			
3105-1		201 - 11			
3105-1		203 - 21			
3105-1		204 - 6			
3112051					
3112618		222 - 17			
3112788		83 - 8			
31128		110 - 70			
3113133		199 - 16			
3113133-6		199 - 19			
3113335		199 - 20			
3113335-6		199 - 23			
3113696		127 - 13			
3113769-3		86			
3113769-4		86			
3114264		83 - 7			
3114341		33 - 68			
3114671					
3114671-1					
3114672					

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	KIT

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	KIT

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	EIT
3114672-1					
3114941		81A- 27			
3115-1ET4D		110 - 14			
3115-1ET6D		132 - 6			
3115-1ET8D		141 - 45			
3115-1GT8D		89 - 58			
3115-1HT10D		133 - 19			
3115-1HT12D		104 - 14			
3115-1HT12D		104 - 15			
3115-1HT12D		133 - 17			
3115-1HT4D		61 - 38			
3115-1HT4D		62 - 33			
3115-1HT4D		89 - 56			
3115-1HT4D		89			
3115-1HT4D		104 - 16			
3115-1HT4D		104 - 17			
3115-1HT4D		105 - 23			
3115-1HT4D		105			
3115-1HT4D		105 - 33			
3115-1HT4D		105 - 53			
3115-1HT4D		135 - 5			
3115-1HT6D		89 - 45			
3115-1HT6D		104 - 12			
3115-1HT6D		105 - 37			
3115-1HT6D		105 - 51			
3115-1HT6D		105			
3115-1HT6D		105			
3115-1HT6D		132 - 2			
3115-1HT7D		104 - 11			
3115-1HT7D		105 - 55			
3115-1HT8D		104 - 13			
3115-1HT8D		105 - 39			
3115-1HT8D		105 - 47			
3115-2HT6D		105			
3115-2HT6D		119 - 11			
3115-2HT6D		120 - 12			
3115048		122			
3115115					
3115115-1					
3115116					
3115116-1					
3115117					
3115117-1					
3115125		14 - 25			
3115125-1		14 - 32			
3115177					
3115177-1					
3115184		15 - 27			
3115184-1		15 - 28			
3115288		122 - 13			
3115289		122 - 13			
3115353		76			
3115353-1		76 - 16			
3115668		3 - 24			
3115669-1		3 - 22			
3115669-2		3 - 23			
3115855		121 - 75			
3116014		2 - 52			
3116532		8 - 22			
3116532-1					
3116532-2		8 - 24			
3116532-3					
3117-4T10D		133 - 11			
3118298		130			
3118298-1		130 - 27			
3118562		109 - 39	P1		
3118562-8		109 - 54			
3118957		118 - 9			
3118977		114 - 17			
3118978		114 - 22			
3119066					
3119066-1					
3119067		42 - 11			
3119067-1		42 - 12			
3119328		49 -109			
3119328		57			
3119328-1		49			
3119328-1		57			
3131337		86 - 31			
3132672		281 - 42			
3133007					
3133055					
3135716					
3139542		281 - 57			
3139542-2		281 - 59			
314-15		64 - 88			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	EIT
3140780					
3140780-1					
3140781					
3140781-1					
3140782					
3140782-1					
3140871-1					
3140963		142 - 67			
3140968		142 - 66			
3141665					
3141665-1					
3152-6-3/8NS		110			
3152-7-3/8D		218 - 35			
3152-9-3/8D		218 - 34			
317		220 - 1			
317		223			
3175-2-4D		61 - 44			
3175-3-4D		61 - 43			
3175-3-4D		62 - 58			
3188332		268			
3188385		269			
3188385-2		269 - 31			
3188385-4		269 - 21			
3188387		268 - 26			
3188388		269			
3188389		268 - 27			
3188422		227 - 44			
3188448					
3188449		25 - 29			
3188462		227			
3188471		228 - 19			
3188474		227 - 56			
3188474-2		227 - 66			
3188548		231 - 18			
3188549		227 - 76			
320024		178 - 4			
3202420		178 - 5			
3204935		242 - 35			
3204935-2					
3204935-4					
3205927		143			
3206001		55			
3206001-10		55			
3206001-11		55			
3206001-12		55 - 38			
3206001-2					
3206001-4					
3206001-8		55 - 35			
3206002		55 - 29			
3206028		50 - 32			
3206487		54 - 20			
3206488		54 - 21			
3206531		54 - 14			
3207494		264			
3209898		143			
3209904		50 - 6			
32248D		218 - 39			
322489		46			
32299A		287 - 40			
32428		266 - 19			
3250-1-3/4		22 - 14			
327SR		152			
327SR		152A			
33A6241		SEE REB3N			
33A6241		182 - 11			
3386001		139 - 13			
33001		16 - 40			
3310-2		145 - 1			
3310-2		145			
3310-2		147 - 1			
3323G		306 - 5			
3331811-504		110 - 22			
3331811-506		110 - 21			
3331811-508		114			
3331811-508		114 - 81C			
3331811-510		114 - 88			
3355035-500		70 - 12	P		
3355035-502		70 - 35	P1		
3355035-504		70			
3355035-506		70 - 36	P		
3355035-508		70 - 49	M		
3355035-510		59 - 41			
3355035-512		59 - 17			
3355035-514		59 - 18	P1		
3355035-518		59 - 23			
3355035-520		48A- 18			
3355035-520		48A- 40			
3355035-522		70 - 65			
3355035-524		60 - 25	M		

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	EIT
3355035-528		60 - 10			
3355035-530		60 - 14	P1		
3355035-532		60 - 66			
3355035-534		60 - 65			
3355035-536		60 - 61			
3355035-538		60 - 3	P		
3355035-540		48 - 9	P1		
3355035-542		48 - 19	M		
3355035-544		48 - 31			
3355035-546		46 - 32	P		
3355035-548		48 - 33	P1		
3355035-550		48 - 30	P1		
3355035-552		61 - 26	P1		
3355035-552		62 - 24	P1		
3355035-554		61	P1		
3355035-554		62	P1		
3355035-558		48A- 35			
3355035-560		48A- 13	P1		
3355035-560		48A- 34	P1		
3355035-562		48A- 15	M		
3355035-564		63 - 17	P1		
3355035-566		63	P1		
3355035-568		63 - 21	P		
3355035-586		48A- 36	P1		
3355035-588		48A- 37			
3355035-590		60	M		
3355035-592		48 - 10	P1		
3355035-596		48 - 11	P1		
3387		205			
3394769		97 - 45			
3394769		99 - 6			
3394770		97 - 45			
3394770		99 - 5			
3484276		96 - 15			
34C38		60 - 39			
3409448-1580		161 - 5			
3416-1		64 - 43			
3416-1		65 - 34			
3416-1		66 - 53			
3417-1		64 - 42			
3417-1		65 - 33			
3417-1		66 - 52			
34481		163D- 10			
3482075		164			
3483205		157 - 11			
3483507		157 - 12			
3483603-1		157			
3483603-3		157 - 37			
3483603-501		157			
3483603-503		157			
3483636		153 - 17			
3483636		158			
3483687		153 - 32			
3483687		161			
3483687-501		153 - 31			
3483687-501		161			
3483750		153			
3483750		154			
3483750-501		153			
3483750-501		154			
3484392-1		156			
3484392-11		156 - 29			
3484392-3		156 - 28			
3484392-3		163C- 19			
3484392-5		156 - 26			
3484392-501		156			
3484392-9		156 - 27			
3484493		159 - 27			
3484720		153			
3484720-3		153 - 38			
3484720-5		153 - 33			
3484814		153			
3484814		163			
3484814-3		163 - 1			
3484894		153			
3484894		163			
3484896		156			
3484896-3		156 - 23			
3484896-5		156 - 20			
3485176		158			
3485176-3		158 - 8			
3485407		157			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	KIT
3485407-3		157 - 29			
3488844-1		153 - 41			
3488844-501		153			
349H4		163D- 12			
349H5		163D- 9			
3492003		153			
3492354		155 - 32			
3499990		161 - 26			
350D-3		154A - 2			
350D-3		167D - 18			
3503887		157 - 17			
35884		267 - 33			
35900-1A1A1		168 - 50			
35975		46 - 47			
35977		46 - 48			
3662873		176 - 37			
360-3A		29 - 26			
36010-4		68 - 23			
37R-2		159A - 8			
37R2		167B - 1			
3706-10-12		See MIL-H-6000 Size 10			
3706-12-12		See MIL-H-6000 Size 12			
3706-14-11		143 - 16			
3706-14-13		143			
3706-16-12		59 - 16			
3706-16-12		63 - 16			
3706-16-12		63 - 20			
3706-16-44		39 - 24			
3706-4-12		48 - 4			
3706-4-12		60 - 64			
3706-4-12		61 - 25			
3706-4-12		62 - 23			
3706-8-12		48A- 3			
3706-8-12		48A- 29			
3706-8-12		60			
3706114		70			
375		9 - 11			
375		12 - 12			
376-3771-00		175 - 18			
3982823-4		163			
390A16D22-3/4		59 - 43			
390J-1		154A - 4			
390J-1		167D - 13			
3990A		265			
4-0251		264			
4-0376		147			
4-0376		261			
4-0376		262 - 40			
4-0625		264			
4-1250		264			
4-1740-5-6-40		89 - 57			
4-2139		146 - 47			
4-2139		148 - 35			
4-4-6MRT-D		93 - 46			
4-4-6MRT-NS		110			
4-4-6MRT-S		110 - 47			
4-4CD45		218 - 25			
4-6-8MRT		218 - 44			
40R9		74 - 38			
4FNTD		143			
4G8G67M		70 - 28			
40A5553		275 - 11			
40A5554		167 - 30			
408629812-024		287 - 24			
408629812-110		287 - 25			
408629812-116		287 - 35			
408629812-126		287 - 36			
40D370-4D		62 - 61			
40D8445		278 - 49			
400/1411		218 - 59			
40087		132 - 35			
4004595		31 - 52			
4004595-1		31 - 53			
4004595-2					
4004595-4					
4004595-6					
4004595-8					
400502-1		232 - 27			
400502-1		236 - 42			
400502-1		239			
400503-2		232 - 22			
400503-2		236 - 36			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	KIT
400503-2		239			
400503-3		232 - 20			
400503-3		236 - 34			
400503-3		239			
4005043		81A- 22			
4005375		84A- 31			
4005375-1		84A- 32			
4005412		84A- 28			
4005467		84A- 29			
4006142		121 - 73			
4006216-2		126 - 36			
4006286		125 - 23			
4006321		126 - 51			
4006413		14 - 8			
4007054		214 - 53			
4007054-3		214 - 55			
4007054-4		214 - 56			
4009021-1					
4009021-300					
4009021-300G					
4009021-300N					
4009313		231 - 52			
4009342		231 - 53			
4011734		214 - 25			
4012450					
4012828-1		216 - 11			
4012828-10		216 - 10			
4012828-101		216 - 8			
4012828-102		216 - 12			
4012828-103		216 - 6			
4012828-106		216 - 4			
4012828-109		216			
4012828-12		216 - 7			
4012828-500		216			
4012829		216			
4012829-1		216 - 25			
4012829-2		216 - 20			
4012829-3		216 - 21			
4012829-4		216 - 22			
4012829-5		216 - 23			
4012829-6		216 - 24			
4012830		216 - 16			
4012831		216 - 33			
4018390		41 - 19			
4024091-1		24 - 4			
4024091-2		24 - 2			
4024091-3		24 - 3			
4024091-4		24 - 1			
4024400		105 - 18			
4026178-4		214 - 18			
40326		237 - 22			
403656		108 - 64			
40370		236 - 51			
40386		233 - 48			
40386		242 - 47			
40386		243 - 53			
404LGT6		114 - 12			
40427		See AN6029-1			
4047838		122 - 14			
404906-0-1		114 - 42			
406FF-3/8		114 - 9			
407DD-3/8D		110			
407DT8		118 - 11			
407LDT8		118 - 10			
4070692		217 - 18			
4070692-1					
4070692-10					
4070692-2					
4070692-3					
4070692-4					
4070692-5					
4070692-6					
4070692-7					
4070692-8					
4070692-9		217 - 19			
4070693		217			
4070693-1		217 - 17			
4072070		217			
4072070-1		217 - 51			
4072070-5		217 - 49			
4072071		217			
4072071-1		217 - 52			
4072071-5		217 - 50			
41		213 - 45			
41A9177		177 - 25			
418989-1		282 - 3			
418989-2		282			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	KIT
41D488		282 - 1			
41D488-2		282			
41D488-3		282			
41D488-4		282			
41G5367-1		282			
41G5367-2		282 - 6			
41G5368		282 - 8			
41G5369		282			
410M1		276 - 10			
4105783-3		262A- 1			
4107665-216N		66 - 70			
4108003-2		261 - 21			
4108003-3		261			
4108906		111 - 22			
4110505		3			
4110505		6A			
4111255		272 - 8			
4111255		272			
4111255		273			
4111255-2		272			
4111255-2		273 - 10			
4112104		33			
4112104		33			
4112106		33 - 33			
4112106		33 - 53			
4112672		222 - 16			
4112832		125 - 14			
4112833		125 - 14			
4113017		199 - 29			
4113017		199			
4113017		199			
4113025-1					
4113025-2					
4113042					
4113071		142 - 75			
4113096		222 - 38			
4113194		222 - 50			
4113194		224 - 76			
4113219		203			
4113219-2		203 - 37			
4113228-2		102			
4113228-3		102			
4113228-4		102			
4113228-5		102			
4113270		6A			
4113270		75			
4113270-1		6A			
4113270-1		75			
4113287		103 - 10			
4113354		218 - 55			
4113354-2					
4113354-4					
4113354-6					
4113437					
4113437-1					
4113464		201 - 37			
4113465		201 - 34			
4113778		7A - 9			
4113779		7A			
4113779-2		7A- 9			
4113876		220 - 39			
4113957		220 - 21			
4113990		45 - 5			
4114029-11		73 - 10			
4114029-13		73 - 9			
4114029-15		73 - 4			
4114029-17		73 - 3			
4114029-19		73 - 8			
4114029-21		73 - 7			
4114029-23		73 - 11			
4114029-25		73 - 12			
4114029-27		73 - 14			
4114029-29		73 - 13			
4114029-3		73 - 2			
4114029-31		73 - 18			
4114029-33		73 - 17			
4114029-35		73 - 16			
4114029-37		73 - 15			
4114029-39		73 - 20			
4114029-41		73 - 19			
4114029-43		73			
4114029-45		73			
4114029-47		73			
4114029-49		73			
4114029-5		73 - 1			
4114029-7		73 - 6			
4114029-9		73 - 5			
4114134					
4114135					

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES: SOURCE	CODES: RECOVER	CODES: KIT
4114167					
4114167-1					
4114172					
4114172-1					
4114337		33			
4114481		213			
4114481-2		213 - 57			
4114482		213 - 59			
4114540		45 - 3			
4114540-1		45 - 4			
4114540-2					
4114540-3					
4114541		45 - 6			
4114541-1		45 - 7			
4114541-2					
4114541-3					
4114562		37 - 22			
4114562-2		37 - 24			
4114673-2					
4114673-3					
4114673-5					
4114673-6					
4114673-7					
4114674					
4114685		103 - 11			
4114696		192			
4114696-1					
4114696-4					
4114697		192 - 61			
4114734		192 - 55			
4114772					
4114772-1					
4114892		32 - 2			
4114893		32 - 3			
4114894		32 - 4			
4115033		105 - 57			
4115054		122 - 14			
4115064		32 - 28			
4115108		14 - 1			
4115108		15 - 1			
4115108-1					
4115108-2					
4115108-3					
4115108-4					
4115108-5					
4115109		14 - 8			
4115109		15 - 9			
4115130		104 - 20			
4115130-1		104			
4115156		13 - 96			
4115157		13 - 57			
4115158-4		276 - 7			
4115223		6A			
4115223		12			
4115223-10		12 - 25			
4115223-12		12 - 24			
4115223-16		12			
4115223-17		12			
4115223-8		12 - 28			
4115255		194 - 8			
4115255-1		194			
4115256		194			
4115256-1		194			
4115256-2		194 - 10			
4115256-3		194			
4115256-4		194 - 9			
4115338		221			
4115338-12		221 - 54			
4115338-4		221 - 53			
4115346		77			
4115346-2		77 - 74			
4115347		77			
4115347-2		77 - 75			
4115348		77			
4115348-2		77 - 18			
4115348-3		77 - 24			
4115349		77			
4115349-2		77 - 19			
4115349-3		77 - 25			
4115369		71 - 26			
4115369		72 - 21			
4115370		71 - 25			
4115370		72 - 16			
4115384		7 - 7			
4115404		20 - 10			
4115404-1		20			
4115404-2					
4115404-6					
4115409		20 - 45			
4115419-1		94			
4115419-2		94			
4115448		4 - 82			
4115448-1		4			
4115449		4 - 76			
4115450		4 - 35			
4115450-1		4 - 39			
4115450-2		4 - 37			
4115463		75 - 97			
4115463-1		75			
4115529		218 - 22			
4115562		75 - 98			
4115581					
4115581-1					
4115582					
4115582-1					
4115584		279			
4115584-1		279			
4115584-2					
4115584-3					
4115584-4					
4115584-6		279 - 10			
4115584-8		279 - 14			
4115584-9		279			
4115588		19A			
4115588-10		19A			
4115588-2		19A- 18			
4115588-4					
4115588-6		19A- 22			
4115605		263 - 3			
4115605-1		263			
4115605-2		263 - 9			
4115605-3		263			
4115606		263 - 4			
4115606-1		263			
4115606-2		263 - 10			
4115606-3		263			
4115607					
4115637		49			
4115637-2		49 - 88			
4115637-3		49 - 89			
4115637-4		49 - 87			
4115637-6		49 - 86			
4115638		49 -117			
4115638		57 - 21			
4115638-1		49			
4115638-1		57			
4115638-2		57 - 26			
4115638-3		57			
4115638-4		57 - 24			
4115638-6		57 - 25			
4115639		49 -102			
4115639-1		49			
4115640		49 - 33			
4115640-1		49			
4115640-2					
4115640-3					
4115640-4					
4115641		56 - 13			
4115642		49 - 38			
4115642-1		49			
4115642-4					
4115642-5					
4115642-6					
4115642-8					
4115642-9					
4115643		49 -101			
4115643-1		49			
4115667					
4115667-1					
4115733		192 - 2			
4115734		192 - 46			
4115734-1		192			
4115734-10					
4115734-11					
4115734-12					
4115734-13					
4115734-2					
4115734-3					
4115734-4					
4115734-5					
4115734-6					
4115734-8					
4115734-9					
4115735		192 - 48			
4115735-1					
4115735-10					
4115735-12					
4115735-14					
4115735-2					
4115735-3					
4115735-4					
4115735-5					
4115736		192 - 44			
4115737		192 - 57			
4115737-1		192			
4115760					
4115772		84A			
4115880		262A			
4115880-2		262A- 10			
4115880-4		262A- 9			
4115931		101 - 29			
4115931-2		101 - 31			
4115937					
4115937-1					
4115944		105 - 46			
4116001					
4116172		76			
4116172-1		76 - 38			
4116173		77 - 31			
4116174		77 - 30			
4116175		76 - 70			
4116338		131 - 18			
4116338-1		131			
4116339		136 - 19			
4116339-1		136			
4116340		136 - 20			
4116340-1		136			
4116413		126			
4116413-1		126			
4116413-2		126 - 36			
4116413-3		126			
4116436		48A- 24			
4116436-1		48A- 46			
4116512		73 - 58			
4116518					
4116519					
4116520					
4116521		7 - 20			
4116521-2		7 - 26			
4116523					
4116523-1					
4116524					
4116524-1					
4116525					
4116525-1					
4116526					
4116526-1					
4116527					
4116527-1					
4116529		9 - 36			
4116529-1		9 - 41			
4116679-1		123 - 8			
4116679-2		123 - 10			
4116679-3		123 - 9			
4116695		58 - 19			
4116696		58 - 18			
4116731		110 - 86			
4116751		82 - 30			
4116751		82 - 31			
4116769		85 - 53			
4116770		85 - 54			
4116774-1		140 - 35	M		
4116774-16		140 - 54	M		
4116774-2		140 - 37	M		
4116774-26		140 - 63			
4116774-3		140 - 46			
4116774-31		140 - 57			
4116774-32		140 - 56	M		
4116774-4		140 - 32	M		
4116774-6		140 - 66	M		
4116774-7		140 - 38	M		
4116899		90 - 62			
4116900		2 - 27			
4116930		125 - 23			
4116932		110 - 75			
4116982		48A- 25			
4116982		48A- 47			
4117071		128 - 40			
4117121		86			
4117121-2		86 - 46			
4117122		86			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	KIT
4117122-1		86			
4117122-4		86 - 30			
4117124		86 - 38			
4117158		264 - 39			
4117158		276			
4117158-2		276 - 25			
4117158-6		276 - 13			
4117159		276 - 24			
4117169		82A- 30			
4117169-1		82A			
4117177		213			
4117177-2		213 - 55			
4117272		188 - 3			
4117294-37		131			
4117294-38		131 - 22			
4117294-39		131			
4117294-40		131 - 21			
4117294-41		131			
4117294-42		131 - 30			
4117294-43		131			
4117294-44		131 - 29			
4117294-45		136			
4117294-46		136 - 17			
4117294-47		136			
4117294-48		136 - 18			
4117294-53		131			
4117294-54		131 - 20			
4117294-55		131			
4117294-56		131 - 19	M		
4117294-57		131			
4117294-58		131 - 26			
4117294-59		131			
4117294-60		131 - 25			
4117294-61		131			
4117294-62		131 - 24			
4117294-63		131			
4117294-64		131 - 23			
4117294-67		136 - 8			
4117294-68		136 - 9	M		
4117294-69		136 - 10			
4117294-70		136 - 11			
4117294-71		136 - 6			
4117294-72		136 - 7	M		
4117295-2		131			
4117295-4		131			
4117295-6		131 - 28			
4117295-8		131 - 27			
4117307		42			
4117307-2		42 - 19			
4117366		86			
4117366-2		86 - 49			
4117379		128 - 33			
4117381		221			
4117381-2		221 - 36			
4117381-4		221 - 37			
4117383		119 - 14			
4117386		79 - 49			
4117386		80			
4117386-2		80 - 28			
4117414		58 - 4			
4117445		277 - 32			
4117493					
4117544		84A- 29			
4117545		84A- 28			
4117549					
4117611		87			
4117611-2		87 - 15			
4117611-4		87 - 12			
4117612		87			
4117612-1		87			
4117612-2		87 - 38			
4117612-3		87			
4117640					
4117641					
4117643		131 - 17			
4117643-1		131			
4117666		91			
4117666-2		91 - 17			
4117666-4		91 - 18			
4117683		89 - 60			
4117715		134 - 21			
4117737		73 - 77			
4117767					
4117821					
4117844		134 - 39			
4117999		279 - 42			
4117999-1		279			
4118000-1					
4118000-2					
4118000-3					
4118000-4					
4118000-5					
4118000-6					
4118024					
4118025		232 - 38			
4118025-2		232 - 43			
4118025-4		232 - 42			
4118076		82A- 38			
4118089		261			
4118089-6		261 - 23			
4118145		44			
4118145-2		44 - 20			
4118152		215 - 20			
4118180		73 - 60			
4118182		58 - 3			
4118187		91			
4118187-2		91 - 12			
4118196-10					
4118196-11					
4118196-12					
4118196-13					
4118196-14					
4118196-15					
4118196-16					
4118196-17					
4118196-18					
4118196-2					
4118196-4					
4118196-6					
4118196-8					
4118215		261 - 11			
4118259		75 - 26			
4118259-1		75			
4118266-1		232 - 12			
4118266-10		232 - 17			
4118266-11		232 - 15			
4118266-14		232 - 29			
4118266-15		232 - 28			
4118266-16		232 - 19			
4118266-3		232 - 18			
4118266-4		232 - 10			
4118266-6		232 - 8			
4118266-8		232 - 7			
4118266-9		232 - 9			
4118314		83 - 23			
4118315		81A- 22			
4118315-1		81A			
4118316		81 - 12			
4118317		84A- 31			
4118317-1		84A- 32			
4118318		130 - 51			
4118321		281 - 54			
4118321-1		281 - 55			
4118402		43 - 9			
4118402		44			
4118444		281 - 46			
4118444-1		281 - 48			
4118464		43 - 9D			
4118464		44			
4118477					
4118608		110 - 80			
4118608		113 - 26			
4118608-7		113 - 34			
4118686		98			
4118686-1		98 - 12			
4118700		272 - 7			
4118700		272			
4118700-2		272 - 14			
4118708		39 - 34			
4118709		53 - 16			
4118710		53 - 5			
4118730		82A- 39			
4118746		97 - 27			
4118916		264 - 71			
4118916		266 - 70			
4118922		85			
4118922-1		85			
4118922-2		85 - 40			
4118922-3		85			
4118923		85 - 36			
4118923-1		85			
4118981		114 - 87			
4118981		118			
4118981-1		118 - 21			
4118981-2		118 - 22			
4119060		277 - 4			
4119060		278 - 4			
4119125		16 - 56			
4119125-10		16			
4119125-8		16			
4119137					
4119138					
4119204		16 - 22			
4119204		164 - 7			
4119204-1		16			
4119204-1		164			
4119214		105			
4119239		41 - 19			
4119258		49 -113			
4119258		57 - 16			
4119258-2		57 - 20			
4119258-4		57 - 19			
4119309		49 - 94			
4119348		139 - 7			
4119363		57 - 10			
4119363-1		57			
4119363-2		57 - 15			
4119363-3		57			
4119363-4		57 - 13			
4119363-6		57 - 14			
4119387		57 - 5			
4119387-1		57			
4119387-2		57 - 9			
4119387-3		57			
4119387-4		57 - 8			
4119659		109 - 3			
4119659-4		109 - 8			
4119778		110 - 34			
4119798		201			
4119922		28 - 32			
4119951		44 - 12			
4130111		139 - 38			
4130123		29 - 22			
4130124		29 - 33			
4130161		107 - 10			
4130166		29 - 21			
4130620		30			
4130620-2		30 - 3			
4130620-4					
4130666		121 - 71			
4131638		201 - 18			
4131638		204 - 11			
4131664		207 - 9			
4131849		202			
4131849-2		202 - 41			
4131849-4		202 - 40			
4131849-6		202 - 38			
4131849-8		202			
4132021		201 - 17			
4132021		204 - 10			
4132023		201 - 16			
4132891-10		281 - 45			
4132891-2		281 - 40			
4132891-4		281 - 41			
4132891-6		281 - 43			
4132891-8		281 - 44			
4133125		113 - 25			
4133126		113 - 20			
4135163		43			
4135163-2		43 - 21			
4135240		102 - 22			
4135451		103 - 17			
4136290		216			
4136290-2		216 - 51			
4136290-4		216 - 49			
4136290-6		216 - 50			
4136559					
4136559-1					
4136808		49 - 51			
4136808		56			
4136808-2		49 - 56			
4136808-2		56 - 12			
4137408					
4137408-1					
4138115		11 - 19			
4138115		231 - 38			
4139037		140 - 29			
4139080		46			
4139080-2		46			
4139081		46			
4139081-2		46 - 40			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	KIT
4139222		41 - 78			
4139222-1		41 - 79			
4139222-2					
4139222-3					
4139230					
4139376		270 - 49	M		
4139498		195			
4139543		281 - 63			
4139544		281 - 62			
4139567					
4139625		286 - 1			
4139853		97			
4139871		205 - 22			
4139872		205 - 23			
4140006		27 - 20			
4140006-1		27			
414002		156			
414003		156			
414004		163D- 5			
414005		156			
414005		163C- 20			
414005		163G - 11			
4140103		27 - 13			
4140103-1		27 - 14			
4140110		202			
4140110-2		202 - 9			
4140111		202 - 6			
4140111-2		202 - 14			
4140685		203			
4140694		202 - 21			
4140694		203			
4140694		204 - 14			
4140755		125 - 38			
4140755		125 - 49			
4140756		125 - 38			
4140756		125 - 49			
4140786		125 - 41			
4140827		41 - 62			
4140827-2		41			
4140893		197 - 30			
4140893-2		197 - 32			
4140893-4		197 - 38			
4140893-6		197 - 37			
4140912		26 - 30			
4140912-1		26 - 31			
4140913		26 - 32			
4140913-1		26 - 33			
4141000		6A			
4141000		129			
4141000-1		6A			
4141000-1		129			
4141035		264 - 30			
4141035		266 - 18			
4141049		145			
4141049-2		145 - 40			
4141107		140 - 30	PT		
4141197		51			
4141197-2		51 - 62			
4141198		51 - 57			
4141315		221 - 30	M		
4141316		221 - 31			
4141366		273			
4141366-2		273 - 13			
4141383		272 - 16			
4141383-2		272			
4141397		276			
4141397-4		276 - 52			
4141397-6		276 - 35			
4141398		271 - 24			
4141398-2		271 - 30			
4141398-4		271			
4141398-6		271 - 27			
4141398-8		271			
4141417		3 - 30			
4141417		6A			
4141426		272 - 17			
4141426-2		272			
4141433		220 - 9			
4141433		223 - 9			
4141433-1		220 - 10			
4141433-1		223 - 10			
4141436		64			
4141436-1		64			
4141436-2		64 - 73			
4141436-3		64			
4141438		272 - 18			
4141438-2		272			
4141445		262A			
4141445-2		262A- 18			
4141445-4		262A- 17			
4141463		262A			
4141463-2		262A- 43			
4141534		220 - 15			
4141566		262A			
4141566-2		262A- 7			
4141599		276			
4141599-2		276 - 63			
4141599-4		276 - 64			
4141651		272			
4141675		224 - 21			
4141675-1		224 - 22			
4141675-4		224 - 28			
4141675-6		224			
4141675-7		224			
4141695		37 - 9			
4141696		272 - 15			
4141696-2		272 - 22			
4141707		219 - 32	MI		
4141708		3 - 30			
4141708		6A			
4141708		6A			
4141708		73			
4141766		219 - 27	MT		
4141773		219 - 24			
4141806		219 - 28			
4141806-1		219			
4141817					
4141834		197 - 69			
4141863		219 - 22			
4141863		219			
4141880		219 - 17A			
4141880-1		219			
4141911		197 - 70			
4141927		223 - 43			
4141928		105			
4141937		223 - 40			
4141948		105			
4141958		97 - 44			
4141958		104			
4141958-1		97 - 45			
4141958-1		104			
4141959		224 - 54			
4141962		224 - 42			
4141962		224 - 56			
4141963		224 - 65	M1		
4141967		224 - 30			
4141968					
4141970		224 - 33			
4141970		224 - 37			
4141975		224 - 40			
4141979		224 - 66	M1		
4141981		224 - 64	M1		
4141984		224 - 29			
4141986		224 - 39			
4142001		224 - 55			
4142013		3 - 30			
4142013		3 - 30			
4142013		3 - 30			
4142013		3 - 30			
4142013		6A			
4142013		6A			
4142013		73			
4142016		223 - 69			
4142016		227 - 39			
4142024		220 - 18			
4142025		230 - 12			
4142028		230 - 13			
4142038					
4142039					
4142041					
4142042		224 - 44			
4142066		9 - 35			
4142066-1		9 - 35			
4142069		223 - 67			
4142069		227 - 37			
4142070		223 - 65	M1		
4142070		227 - 35	M1		
4142076		223 - 68			
4142076		227 - 34			
4142083		223 - 72			
4142083		227 - 77			
4142084		223 - 74	M1		
4142098		223 - 64	M1		
4142098		227 - 38	M1		
4142143		225 - 28			
4142143		226 - 37			
4142143		229 - 34			
4142143-2		225 - 30			
4142143-2		226 - 39			
4142143-2		229 - 36			
4142151		223 - 63	M		
4142151		227 - 33	M		
4142158		225 - 24			
4142158-2		225 - 26			
4142168		223			
4142169		223			
4142170					
4142172		12 - 8			
4142175-4		276			
4142175-6		276			
4142175-8		276 - 74			
4142195		84A- 25			
4142217		224 - 46			
4142218		225 - 17			
4142218		226 - 42			
4142220					
4142221		225 - 42			
4142221		226 - 23			
4142221-1		225 - 43			
4142221-1		226 - 24			
4142247		225 - 18			
4142266		205 - 38			
4142286					
4142286-1					
4142295		219 - 14			
4142349		64			
4142349		65			
4142349		66			
4142349-4		64 - 53			
4142349-4		65 - 71			
4142349-4		66 - 75			
4142360		49 - 13			
4142380		192			
4142380-1		192			
4142396		72			
4142396-1		72			
4142402		272 - 69			
4142416		56 - 4			
4142448		219 - 13			
4142467		219 - 15			
4142471		56 - 6			
4142483		7			
4142483-1		7			
4142548		26			
4142570					
4142571					
4142588-12					
4142590		26 - 36			
4142613					
4142670					
4142674					
4142715					
4142736					
4142740					
4142741					
4142751		123 - 35			
4142751-1		123			
4142767		215 - 30			
4142781		215 - 29	M		
4142782		215 - 27	M		
4142789		235 - 2			
4142792		238 - 18			
4142792-10					
4142792-12					
4142792-14					
4142792-16					
4142792-18					
4142792-2					
4142792-20					
4142792-22					
4142792-24					
4142792-4					
4142792-6					
4142792-8					
4142810		263 - 13			
4142817					
4142817-1					
4142827		237 - 44			
4142831		237 - 45	M		
4142831		288 - 22			
4142832		237 - 46			
4142832		288 - 23			
4142837-2		225 - 58			
4142837-2		226 - 54			
4142837-4		225 - 57			
4142837-4		226 - 53			
4142852		237 - 42			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	KIT
4142852-1		237 - 43			
4142871		123 - 40			
4142904		262A			
4142904-2		262A- 15			
4142904-4		262A- 11			
4142931		65			
4142931		66			
4142959		230 - 27			
4142959-1		230			
4142962					
4142963					
4143005		65			
4143005		66			
4143061		233 - 50			
4143131		71			
4143131-1		71			
4143131-500		71			
4143131-501		71			
4143133					
4143143		235 - 21			
4143252		65			
4143252		66			
4143439		82 - 30			
4143493					
4143493-1					
4143575		272 - 40			
4143576		272			
4143612		112			
4143612-2		112 - 19			
4143613-2		112			
4143613-3		112			
4143614		112			
4143614-2		112 - 12			
4143615		112			
4143615-2		112 - 25			
4143631		272			
4143632		272 - 37			
4143635		273			
4143636		273			
4143647		272			
4143648		272 - 38			
4143654		272 - 35			
4143655		272			
4143736		108			
4143736		112			
4143856		278 - 51			
4143857		278 - 30			
4143974		203 - 5	M		
4143975-2		203 - 1	M		
4143975-4		203 - 2	M		
4143975-6		203 - 3	M		
4143976		201 - 20	M		
4143977		203 - 4	M		
4148459		204 - 55			
4148459-2		204 - 59			
4148460		204			
4148460-2		204			
4160418-2		200 - 35			
4161138		204 - 50			
4161138-2		204 - 54			
4161223-10					
4161223-11					
4161223-12					
4161223-13					
4161223-14					
4161223-16					
4161223-17					
4161223-19					
4161223-2					
4161223-20					
4161223-21					
4161223-3					
4161223-4					
4161223-5					
4161223-6					
4161223-7					
4161223-8					
4161223-9					
4161289		24			
4161289-2		24 - 76			
4161882		132 - 62			
4161883		132 - 58			
4161884		132 - 61			
4161885		132 - 56			
4161894-10		132 - 47			
4161894-12		132 - 48			
4161894-6		132 - 53			
4161894-8		132 - 54			
4162016		191 - 5			
4162701-1		132 - 15			
4162701-16		132 - 24			
4162701-17		132 - 26			
4162701-18		132 - 25			
4162701-19		132 - 36			
4162701-2		132 - 18			
4165256		11 - 15			
4165256-2		11 - 18			
4165256-4		11 - 17			
4165256-6		11 - 16			
4171473		71 - 17			
4171473-1		71			
4171531		71 - 16			
4171539					
4171620					
4171620-1					
4171761		71 - 15			
4171835					
4175380					
4176982		90 - 77			
4185346		161 - 34			
4185352		154			
4185355		154 - 3			
4188012		93 - 41			
4188092		93 - 40			
4188159		124 - 13			
4188164		197			
4188180		276 - 31			
4188181					
418824		176 - 5			
4188293		3			
4188293		6A			
4188312		230			
4188313-4					
4188314		230			
4188315		230			
4188315-8		230 - 24			
4188316		230			
4188316-10		230 - 20			
4188324		268 - 20			
4188360		13 - 29			
4188366		228 - 32			
4188367		278			
4188368		229 - 37			
4188369		227 - 25			
4188370		227 - 23			
4188373		227 - 12			
4188378		228 - 89			
4188380-10		228 - 64			
4188380-12		228 - 84			
4188380-2		228 - 78			
4188380-4		228 - 77			
4188380-6		228 - 70			
4188380-8		228 - 66			
4188386		228 - 8			
4188401		269			
4188413		228 - 36			
4188417					
4188425		227 - 52			
4188438		107 - 29			
4188456					
4188457					
4188461		268			
4188464		228 - 42			
4188475		228 - 48			
4188481		228 - 49			
4188492		229 - 7			
4188497		228 - 24			
4188498		228 - 20			
4188508		227 - 53			
4188510		230 - 32			
4188519		31			
4188519-2		31 - 25			
4188519-4		31 - 24			
4188520-10		208 - 25			
4188521		31			
4188532		25 - 8			
4188533		25 - 21			
4188537		228 - 43			
4188539		228 - 3			
4188546		227 - 68			
4188550		268 - 76			
4188550-2		268 - 82			
4188550-4		268			
4188550-6		268 - 77			
4188551		268			
4188555		229 - 6			
4188556		229 - 9			
4188557		229 - 8			
4188559		231			
4188560		231			
4188560-2		231 - 13			
4188560-4		231 - 14			
4188563		227 - 29			
4188565		227 - 31			
4188579		268 - 33			
4188580-2		208 - 23			
4188580-4		208 - 24			
4188608		227 - 81			
4188629		231 - 50			
4188631					
4188636		208 - 12			
4188636-1		208			
4188662					
4188681		198 - 1			
4188713		212 - 38			
4188725		231 - 27			
4188727		141 - 26			
4188769		141 - 1	M		
4188771		268 - 29			
4188787		20			
4188798		20			
4188816		154 - 25			
4188817		154 - 26			
4188818		154 - 27			
4188819		154 - 28			
4188824		37 - 25			
4188846					
4188847					
4188849					
4188849-1					
4188854					
4188854-1					
4188877		31 - 20			
4188878		31 - 26			
4188879		31			
4188880		31 - 21			
4188890		269			
4188890-2		269 - 6			
4188895		212 - 41			
4188908		269 - 10			
4188909		269			
4188914		212 - 48			
4188918		204 - 97			
4188919		204 - 90			
4188948		192 - 63			
4188948-1					
4188948-4					
4188952		243 - 72			
4188952-10		243			
4188952-12		243			
4188952-14		243			
4188952-8		243			
4188956		198 - 2			
4188957		198 - 8			
4188957-2		198 - 14			
4188957-4		198 - 15			
4188973		243 - 61			
4188975		243 - 39			
4188976					
4188984		141 - 35			
4188989		269			
4188998-10		217 - 42			
4188998-12		217 - 39			
4189026		264			
4189026-2		264 - 9			
4189026-4		264 - 7			
4189026-6		264 - 8			
4189030		217			
4189030-14		217 - 36			
4189030-2		217 - 31			
4189030-4					
4189030-6		217 - 37			
4189047		268 - 53			
4189048		268 - 44			
4189049		268 - 56			
4189054		268			
4189120		231 - 58			
4189140		217 - 45			
4189145		217 - 1			
4189146		217 - 2			
4189146-10		217 - 4			
4189150		229 - 57			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	KIT
4189166		231 - 45			
4189168		269 - 16			
4189185		31 - 54			
4189185-2					
4189185-4					
4189185-6					
4189203		219			
4189204		219			
4189204-2					
4189204-4					
4189205		219			
4189205-2					
4189205-4					
4189205-6					
4189206		219			
4189207		219			
4189207-1		219			
4189207-2					
4189207-4					
4189210		227 - 13			
4189213		241 - 74			
4189213-12		241 - 79			
4189213-14		241 - 75			
4189213-16					
4189213-18					
4189213-2					
4189213-4					
4189213-6		241 - 80			
4189213-8		241 - 76			
4189218		219			
4189218-2					
4189218-4					
4189227		227 - 7			
4189229		231 - 31			
4189231		157 - 42			
4189232		231 - 35			
4189232-2		231 - 39			
4189232-4		231 - 37			
4189232-6		231 - 36			
4189233		239 - 67			
4189234					
4189234-2					
4189245		231 - 41			
4189255		231 - 34			
4189280		227 - 8			
4189528		103 - 17			
4189534		120 - 17			
4189558		265 - 17			
4189558		266 - 42			
4189559		265 - 16			
4189559		266 - 43			
4189573		240 - 44			
4189573		241 - 71			
4189593		201 - 24			
4189596		59 - 27			
4189605		265 - 33			
4189605		266 - 54			
4189671		107 - 18			
4189672		107			
4189672-2		107 - 17			
4189695		124 - 20			
4189700		123 - 43			
4189700		124			
4189721					
4189732		273			
4189732-2		273 - 29			
4189732-3		273 - 30			
42A6950		237 - 24			
42A6950		240 - 39			
42A9036		234 - 20			
42B3593-1		264 - 22			
42B3593-1		266 - 13			
42B3593-2		264 - 50			
42B3593-2		264 - 51			
42B3593-2		271 - 15			
42B6927		203			
42D19277-48		242 - 37			
42D19277-48		243 - 65			
42D5357		235 - 1			
42D5357		238 - 17			
42D5357		238 - 50			
42D8331		177 - 4			
42G746		201			
42G746		204			
420-750-52505		183 - 8			
420M1		223 - 17			
4202032		240 - 28			
4202032-10		240 - 32	P		
4202084		123			
4202113		232			
4202113-2		232			
4202185		197 - 45			
4202212					
4202315		65			
4202315		66			
4202315-1		65			
4202315-1		66			
4202315-2		65 - 52			
4202315-2		66 - 70			
4202315-3		65			
4202315-3		66			
4202415		237 - 21			
4202423		224 - 35			
4202484		237			
4202484		240			
4202484-12		237 - 30			
4202484-12		240 - 49			
4202484-14		237 - 26			
4202484-14		240 - 45			
4202484-6		237 - 31			
4202484-6		240 - 50			
4202484-8		237 - 27			
4202484-8		240 - 46			
4202486		28 - 30			
4202600		272			
4202601		272			
4202602		272			
4202603		272			
4202604		272 - 36			
4202611		224 - 58			
4202612		224 - 23			
4202612-4		224			
4202612-6		224			
4202703		271 - 36			
4202703-2		271 - 41			
4202704		90 - 53			
4202716		223 - 29			
4202716-6		223 - 34			
4202726		3			
4202726		6A			
4202727		3			
4202727		6A			
4202745		223 - 58			
4202746		278			
4202749					
4202915		52			
4202918		51 - 26			
4202933		51			
4202938		62 - 53			
4202938-2		62 - 57			
4203013		12 - 9			
4203014		12 - 16			
4203014-2					
4203014-8					
4203427-1		61 - 31			
4203427-2		61 - 32			
4203427-3		61			
4203427-4		61			
4203427-5		61 - 35			
4203427-6		61 - 36			
4203427-7		61			
4203427-8		61			
4203435		261 - 34			
4203446		143 - 56			
4203709		265 - 23			
4203713		90 - 54			
4203752		22 - 8			
4203862		3 - 30			
4203862		3 - 30			
4203862		6A			
4203862		6A			
4203862		73			
4203862		74			
4203862		75			
4203899		33 - 45			
4203951		125			
4204005		41			
4204005-6		41 - 73			
4204011		127 - 14			
4204213		105			
4204214		99 - 50			
4204214		104			
4204214-1		99 - 51			
4204214-1		104			
4204347		105			
4204348		104 - 21			
4204348-1		104			
4204372		33 - 33			
4204372		33 - 53			
4204415		272 - 48			
4204415-2		272 - 50			
4204420		270 - 30			
4204622		27			
4204915-2		52 - 25			
4204939		52 - 23			
4204951		123 - 37			
4205056		195 - 40			
4205094		278 - 30			
4205153		261 - 38			
4205213		3			
4205213		6A			
4205394		203			M
4205394-1		203			M
4205397		203			M
4205397-1		203			M
4205422		203			M
4205441		65 - 76			
4205441		66 - 79			
4205577		17 - 11			
4205643		278			
4205680		3			
4205680		6A			
4205908		143 - 71			
4205909		143 - 72			
4205972		272			
4206026		50 - 34			
4206027		55 - 11			
4206285		50 - 19			
4206329		55 - 31			
4206407		39			
4206445		55			
4206445-2		55 - 46			
4206483		54 - 15			
4206483-1		54 - 16			
4206484		54 - 17			
4206484-1		54 - 18			
4206664		39			
4206668		55 - 44			
4206770		42 - 20			
4206772		41			
4206772-1		41			
4206772-2					
4206772-3					
4206772-4					
4206772-5					
4206791		55 - 19			
4206792		55 - 17			
4206793		55 - 18			
4206867		55			
4206868		55			
4207264		67 - 16			
4207264-2					
4207264-4					
4207384		67 - 11			
4207384-2					
4207384-4					
4207384-6					
4207384-8					
4207426		67 - 1			
4207426-2		67			
4207490		264 - 28			
4207667		195			
4207668		195			
4207734		76			
4207734-2		76 - 75			
4209822		114 - 83			
4209825		125 - 62			
4209826		125 - 61			
4209829		114			
4209829		114			
4209830		114 - 81A			
4209830		114 - 81C			
4209833		108			
4209833-6		108 - 66			
4209835		261 - 27			
4209859		272 - 39			
4209860		272			
4209862		272			
4209863		272			
4209866		272 - 47			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	KIT
4209867		272			
4209869		266 - 80			
4209869		272			
4209870		266 - 73			
4209870		272			
4209872		269 - 43			
4209872		273 - 21			
4209873		269 - 37			
4209873		273			
4209874		266 - 81			
4209874		272			
4209874-2		272			
4209890		50			
4209890-2		50 - 53			
4209899		143 - 63			
4209900		143 - 64			
4209908		50 - 41			
4209910		50 - 40			
4209911		50			
4209920		50			
4209920-2		50 - 45			
4209947		50 - 23			
4209958		153			
4209977		120 - 30			
4209980		125 - 48			
4209990		33 - 23			
4209996		50 - 56			
4238180		200 - 12			
4239111		200			
4239111		200			
4239111-2		200 - 11			
4239111-2		200 - 20			
4243264N10A		153 - 36			
4244059		228 - 34			
42516		228 - 87			
4255-3/80		218 - 54			
4284968		4			
4284968-1		4			
4284968-10					
4284968-12					
4284968-14					
4284968-15					
4284968-2					
4284968-3					
4284968-4					
4284968-6					
4284968-7					
4284968-8					
43A12832		184 - 19			
43A14984		150 - 56			
43A18949		242 - 41			
43A18949		243 - 78			
43A1951		281 - 89			
43A9026		237 - 17			
43A9026		240 - 12			
43A9026		241 - 50			
43A9030		233 - 12			
43A9030		233 - 22			
43A9030		234 - 19			
43A9030		235 - 9			
43B19644-6KB106		136 - 3			
43B19644-6KB1C6		136 - 15			
43B2330		281 - 90			
43B7015		147 - 7			
43B7016		147 - 9			
43B7016		149 - 6			
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43D7014		147 - 10			
43G1953		281 - 88			
43G7044		201			
43G7044		204			
430		208 - 1			
4315904		73 - 45			
4315936		74 - 15A			
431704		80 - 28			
4324087		34 - 68			
4324087-4		34 - 69			
4324087-6		34 - 70			
4324129		201 - 19			
4324129		204 - 12			
4331814		156 - 33			
4344349		216 - 26			
4344349-2		216 - 32			
4344377		231 - 48			
4344379		231			
4347189		59 - 44			
4347283		265			
4347283-2		265 - 6			
4347283-4		265 - 7			
4355050		39 - 27			
4355051		39			
4355058		70 - 53			
4355063		59 - 26			
4355070		70			
4365996-15		156			
4365996-16		156			
4367224		121 - 71			
4367712		121 - 74			
4367839		121 - 73			
437060		7 - 26			
4390897		158			
4390897-7		158 - 5			
43914702I3		154			
43914702235		154			
43914702264		154			
4394333		74 - 51			
4394793-502		68 - 31			
4394793-504		68 - 32			
4394793-506		68 - 33			
4394793-508		68 - 34			
4394793-510		68 - 35			
4394793-512		68 - 36			
4394793-514		68 - 37			
4394793-516		68 - 38			
4394793-518		68 - 39			
4394793-520		68 - 40			
4394793-522		68 - 41			
4394793-532		68 - 44			
44A18454-2		265 - 36			
44A8979		150 - 54			
44B164-1		282 - 5			
44B164-2		282 - 4			
44B18574		165			
44B18574		267 - 43			
44B24619		240 - 25			
44B24627		239 - 78			
44B24627		240 - 27			
4439004-2		267 - 42			
44D22201		239 - 77			
44D22201		239 - 81			
44G5437		176 - 46			
44G5437		196 - 17			
4406026-1		161			
4406026-3		161 - 10			
4406026-5		154 - 37			
4406026-501		154			
4415643-21-14		49 - 8			
44355		140 - 40			
4482633		153 - 9			
4482633		155			
4482633		155A			
4482633-3		155 - 9			
4482940		157			
4482940		157 - 35			
4483189		153 - 21			
4484375		154 - 5			
4484641		156 - 34			
4484878		157			
4485111		153 - 39			
4492353		155 - 52			
4497452		161 - 31			
45-7565		201			
45-7670		201			
45A21662		267 - 15			
45A7400-3		274 - 23			
4587367		184 - 24			
4587367		185 - 5			
4587465-3		172 - 1			
45372DM3		166 - 76			
4538161		116 - 12			
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459		270 - 21			
4594		189			
46A7986		126 - 17			
46A7990		128 - 16			
46A7991		128 - 12			
46A7992		128 - 11			
4687651		265 - 30			
4687652		265 - 31			
4687988		128 - 9			
4687989		128 - 14			
46D7988		126 - 14			
4604		299 - 3			
47		86 - 22			
47A2330		16 - 39			
470100		155 - 17			
470100		155A - 9			
470116		153 - 57			
475FF8		114			
475HT8		114			
48A2184		16 - 38			
48A24225		177 - 5			
48B24094-3-16		171			
48B24094-3-24		180 - 24			
48B24094-3-32		188			
48B24094DD-4-112		179 - 58			
48B24094DD1-32		170			
48B24094DD1-32		171			
48B24094DD3-16		176			
48B24094DD3-24		170			
48B24094DD3-240		176			
48B24094DD4-112		180 - 40			
48B24094DD4-24		176			
48B24094DD4-32		180 - 44			
48B24094UD4-32		180 - 51			
49-1416		262A - 32			
49-1416		263 - 63			
49-1416		277			
49-1416		278 - 21			
49A12075		77 - 64			
4986768-15		171 - 10			
4986768-5		171 - 9			
49C1221		286 - 2			
49C1227		286			
49C1229L		286 - 3			
49C1229R		286			
49D1213		286 - 4			
49D3786		167G			
49D3786		177 - 12			
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5-1050-3M4N		99 - 6			
5-1050-3M4N		105A - 59			
5-1050-4M4N		97			
5-1050-4M4N		99 - 5			
5-1050-4M4N		105A - 60			
5LA		98 - 11			
50		221 - 20			
50B2852-1		176 - 1			
50D3770		194A - 1			
50C20636		142 - 79			
500		49 - 47			
500CA8358		177 - 18			
5005844-1		121 - 59			
5005844-2		121 - 58			
5006059-8		19 - 21			
5006266		126 - 52			
5006445-1		121 - 82			
5010823		35 - 23			
5010823-2		35 - 24			
5010823-3		35 - 25			
5010828		34 - 57			
5010828-2		34 - 59			
5010828-3		34 - 58			
5010828-5		34 - 60			
5010829		35 - 1			
5010829-2		35 - 12			
5010829-3		35 - 13			
5010829-4		35 - 10			
5010829-5		35 - 11			
5010830		35 - 2			
5010830-2		35 - 15			
5010830-3		35 - 14			
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5011012-5					
5011012-500		214 - 65			
5011012-500		216			
5011012-6					
5011012-7					
5011012-8					
5011012-9					
5012810-10					
5012810-11		216 - 56			
5012810-3					
5012810-4		216 - 55			
5012810-5		216 - 57			
5012810-501		214 - 87			
5012810-501		216			
5012810-6		216 - 54			
5012810-7		216 - 52			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES			PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES			PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	KIT				SOURCE	RECOVER	KIT				SOURCE	RECOVER	KIT
5012810-8		216 - 53															
5012810-9																	
5012816		214 - 8															
5012832		216 - 36															
5013014		34 - 50															
5013014-2		34 - 53															

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	KIT
5013014-3		34 - 55			
5013014-4		34 - 56			
5013014-5		34 - 52			
5013014-6		34 - 51			
5013014-7		34 - 54			
5015858		231 - 28			
5018		154 - 38			
5018500		34 - 1			
5018500-10		34 - 6			
5018500-2		34 - 4			
5018500-3		34 - 8			
5018500-4		34 - 3			
5018500-5		34 - 2			
5018500-6		34 - 5			
5018500-8		34 - 7			
5026		298 - 5			
50291		270 - 22			
50291		272 - 28			
503E0357		111 - 17			
5045612 003		158 - 6			
5055		262A- 23			
5058		263 - 42			
50627		284 - 1			
5072167		217			
5072167-1		217 - 91			
5072167-13		217 - 81			
5072167-17		217 - 89			
5072167-21		217 - 88			
50758		213 - 61			
50809		163 - 7			
51		214 - 46			
51J3817		203			
51X28		1630- 13			
5102		272 - 26	P1		
51021		126 - 10			
51023		126 - 8			
5106008		111 - 40			
5110501		2			
5110501		3			
5110501-10		3 - 30B			
5110501-2		2			
5110501-4		3			
5110502		2			
5110502		131			
5110502-1		2			
5110502-1		131			
5110504		2			
5110504		87			
5110504-1		2			
5110504-1		87			
5110504-1		88			
5110506		6A			
5110506		7			
5110506		8			
5110506-106		9 - 19			
5110506-1422		6A - 18			
5110506-1423		6A			
5110506-16		6A			
5110506-160		8			
5110506-161		8			
5110506-17		6A			
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5110506-200		7			
5110506-201		7			
5110506-21					
5110506-214		9			
5110506-218		9			
5110506-270		7			
5110506-286		9			
5110506-287		9			
5110506-291		8			
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5110506-551		7			
5110506-551		9			
5110506-552		7			
5110506-552		7A			
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5110506-76		8			
5110506-77		8			
5110506-78		8			
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5110508-11		103			
5110508-110		107A			
5110508-111		107A			
5110508-12		103 - 26			
5110509		103 - 13			
5110509-1		103			
5110509-110		107B			
5110509-111		107B			
5110509-15		103			
5110509-16		103 - 28			
5110511-2		103 - 13			
5110511-4		103			
5110513		103			
5110513		103 - 29			
5110514		107 - 31			
5110514		107 - 32			
5110515		6A- 6			
5110515		117			
5110517		6A- 7			
5110517		93			
5110519		6A- 8			
5110519		93			
5110520		6A			
5110520		190			
5110520		6A			
5110521		135			
5110521		6A- 11			
5110523		79			
5110523		80			
5110524		6A- 12			
5110524-10		218			
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5110524-104		19			
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5110533-76					

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
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5110533-77					
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5110535		32			
5110537		16			
5110537		36			
5110537-32		36 - 18			
5110541		203			
5110541		281			
5110542		37			
5110542		203			
5110544		16			
5110544		220			
5110544		221			
5110544		222			
5110545		16			
5110545		213			
5110545-10					
5110545-12					
5110545-14		213 - 16			
5110545-18		213 - 70			
5110545-2					
5110545-20		213 - 69			
5110545-22		213 - 68			
5110545-24		213 - 67			
5110545-26					
5110545-27					
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5110545-30					
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5110545-33					
5110545-38		213 - 6			
5110545-4					
5110545-40		213 - 7			
5110545-6					
5110545-8					
5110547		16			
5110547		81			
5110547		81A			
5110547		82			
5110547		82A			
5110547		83			
5110547		84			
5110547		84A			
5110547		130			
5110547-1		82 - 39			
5110547-10		82 - 40			
5110547-6		83 - 38			
5110548		84A- 43			
5110548		94			
5110550		16			
5110550		139			
5110551		16			
5110551		138			
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5110555		16			
5110555		105			
5110555		106			
5110557		16			
5110557		195			
5110557-2		195 - 11			
5110557-4		195 - 8			
5110557-6		195 - 5			
5110557-8		195 - 4			
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5110558		232			
5110559		16			
5110559		195			
5110562		16			
5110562		196			
5110562-2					
5110563		196			
5110566		38			
5110567		207			
5110568		123			
5110569		123 - 53			
5110569		127			
5110570		128			
5110570		129			
5110573		39			
5110573		46			
5110573-1		39			
5110573-1		46			
5110574		39			
5110574		48			
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5110574-1		48			
5110575		39			
5110575		48A			
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5110575-1		48A			
5110577		39			
5110577		60			
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5110578		39			
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5110578-1		61			
5110579		39			
5110579		63			
5110579-1		39			
5110579-1		63			
5110581		39			
5110581		69			
5110581-1		39			
5110581-1		69			
5110584		6A			
5110584		73			
5110584		74			
5110584		75			
5110586		125			
5110589		123 - 27			
5110589		126			
5110590		16 - 54			
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5110598		82 - 41			
5110598		86			
5110599		39 - 5			
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5110970		142			
5110970-2		142 - 9			
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5112305-10		143 - 31			
5112305-11		143 - 32			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES SOURCE	CODES RECOVER	CODES KIT
5112305-12		143 - 33			
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5112305-14		142 - 53			
5112305-14		143			
5112305-14		144 - 10			
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5112305-14		148 - 10			
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5112305-15		143 - 4			
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5112305-17		143 - 2			
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5112305-19		143 - 17			
5112305-2		142 - 54			
5112305-20		143 - 18			
5112305-21		143 - 19			
5112305-22		143 - 20			
5112305-23		144 - 11			
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5112305-23		148 - 8			
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5112305-24		142 - 41			
5112305-25		142 - 69			
5112305-26		142 - 70			
5112305-27		142 - 71			
5112305-28		142 - 72			
5112305-29		142			
5112305-30		148 - 26			
5112305-31		148 - 31			
5112305-32		143 - 30	M		
5112305-33		143 - 29	M		
5112305-34		142	M		
5112305-35		150 - 19	M		
5112305-36		150 - 16	M		
5112305-37		150 - 22	M		
5112305-38		143 - 41	M		
5112305-39		143 - 28	M		
5112305-4		142 - 55	M		
5112305-40		143 - 35	M		
5112305-41		143 - 36	M		
5112305-42		143 - 39	M		
5112305-43		143 - 40	M		
5112305-44		143 - 23	M		
5112305-7		142 - 57	M		
5112305-8		143 - 25	M		
5112305-9		143 - 26	M		
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5112306-16		89 - 34	M		
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5112316-3		107 - 3	M		
5112316-4		107 - 4	M		
5112316-7		107 - 2			
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5112588-35		117 - 73	M		
5112588-36		117 - 76	M		
5112588-37		117 - 74	M		
5112588-38		117 - 77	M		
5112588-4		117 - 71	M		
5112588-5		117 - 69	M		
5112588-6		117 - 66			
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5112589-11		108 - 72	M		
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5112589-55		109 - 1	M		
5112589-56		109 - 2	M		
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5112589-7		108 - 37			
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5112589-8		109 - 15	M		
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PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES			PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES			PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
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5112869-94						5113414-13						5114078-8					
5112869-96		20 - 6				5113414-14						5114078-9					
5112869-98		20 - 8				5113414-2						5114203		129 - 63			
5112950		9				5113414-3						5114232		232 - 37	P		
5112950-1		9				5113440		221				5114232-2					
5112968		33 - 35				5113541		8 - 47				5114232-4					
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5113026-11						5113541-26						5114463		46			
5113026-12						5113541-32						5114488		33 - 12			
5113026-13						5113541-34						5114488-8		33			
5113026-8						5113557		220				5114489		33 - 13			
5113026-9						5113599						5114489-8		33			
5113032		16 - 51				5113599-1						5114535		3 - 1			
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5113032-1		16				5113649-1		33				5114535-1		3 - 2			
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5113032-11		17 - 37				5113697		127				5114535-100					
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5113032-33		17 - 35				5113789-9		220 - 59				5114535-116					
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5113037-8		33				5113816-2						5114535-127					
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PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES: SOURCE	CODES: RECOVER	CODES: KIT
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PART NUMBER	VOL.	FIGURE AND INDEX NUMBER	CODES		
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PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES SOURCE	CODES RECOVER	CODES KIT
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PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES SOURCE	CODES RECOVER	CODES KIT
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5115208-9					
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5115208-98					
5115208-99					
5115209		13 -100			
5115209		15			
5115209-1		15 - 22			
5115209-10					
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5115209-128					
5115209-129					
5115209-13					
5115209-130					
5115209-131					
5115209-132					
5115209-133					

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES			PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES			PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	KIT				SOURCE	RECOVER	KIT				SOURCE	RECOVER	KIT
5115209-134		15 - 33				5115209-55						5115210-29					
5115209-135						5115209-56						5115210-3					
5115209-136						5115209-57						5115210-30					
5115209-137						5115209-58						5115210-31					
5115209-138						5115209-59						5115210-32					
5115209-139						5115209-6						5115210-34					
5115209-14						5115209-60						5115210-35					
5115209-140						5115209-61						5115210-37					
5115209-141						5115209-62						5115210-38					
5115209-142						5115209-63						5115210-39					
5115209-143						5115209-64						5115210-4					
5115209-144						5115209-65						5115210-40					
5115209-145						5115209-66						5115210-41					
5115209-146						5115209-67						5115210-42					
5115209-147						5115209-68						5115210-44					
5115209-148						5115209-69						5115210-45					
5115209-149						5115209-7						5115210-46					
5115209-15						5115209-70						5115210-47					
5115209-150						5115209-71						5115210-48					
5115209-151						5115209-72						5115210-49					
5115209-152						5115209-73						5115210-5					
5115209-153						5115209-74						5115210-50					
5115209-154						5115209-75						5115210-6					
5115209-155						5115209-76						5115210-7					
5115209-156						5115209-77						5115210-8					
5115209-157						5115209-78						5115210-9					
5115209-158						5115209-79						5115211		13 - 73			
5115209-159						5115209-8						5115211		15			
5115209-160						5115209-80						5115211-1					
5115209-162						5115209-81						5115211-2					
5115209-163						5115209-82						5115211-3					
5115209-164						5115209-83						5115211-4					
5115209-165						5115209-84						5115211-5					
5115209-166						5115209-85						5115211-6					
5115209-167						5115209-86						5115211-7					
5115209-17						5115209-87						5115211-8					
5115209-18						5115209-88						5115212		13 - 61			
5115209-183						5115209-89						5115212		14			
5115209-184						5115209-9						5115212-10					
5115209-185						5115209-90						5115212-101					
5115209-186						5115209-91						5115212-102					
5115209-187						5115209-92						5115212-103					
5115209-188						5115209-93						5115212-104					
5115209-189						5115209-94						5115212-105					
5115209-19						5115209-95						5115212-106					
5115209-190						5115209-96						5115212-107					
5115209-191						5115209-97						5115212-109					
5115209-192						5115209-98						5115212-11					
5115209-2						5115209-99						5115212-112					
5115209-20						5115210		13 - 83				5115212-114					
5115209-21						5115210		15				5115212-115					
5115209-22						5115210-1						5115212-116					
5115209-23						5115210-10						5115212-117					
5115209-24						5115210-100						5115212-12					
5115209-25						5115210-101						5115212-13					
5115209-26						5115210-102						5115212-14					
5115209-27						5115210-103						5115212-15					
5115209-28						5115210-104						5115212-16					
5115209-29						5115210-105						5115212-17					
5115209-3						5115210-109						5115212-18					
5115209-30						5115210-11						5115212-19					
5115209-31						5115210-110						5115212-2					
5115209-32						5115210-111						5115212-20					
5115209-33						5115210-112						5115212-21					
5115209-34						5115210-113						5115212-22					
5115209-35						5115210-114						5115212-23					
5115209-36						5115210-116						5115212-24					
5115209-37						5115210-118						5115212-25					
5115209-38						5115210-119						5115212-26					
5115209-39						5115210-12						5115212-27					
5115209-4						5115210-13						5115212-28					
5115209-40						5115210-14						5115212-29					
5115209-41						5115210-15						5115212-3					
5115209-42						5115210-16						5115212-30					
5115209-43						5115210-17						5115212-31					
5115209-44						5115210-18						5115212-32					
5115209-45						5115210-19						5115212-33					
5115209-46						5115210-2						5115212-34					
5115209-47						5115210-20						5115212-35					
5115209-48						5115210-21						5115212-36					
5115209-49						5115210-22						5115212-37					
5115209-5						5115210-23						5115212-38					
5115209-50						5115210-24						5115212-39					
5115209-51						5115210-25						5115212-4					
5115209-52						5115210-26						5115212-40					
5115209-53						5115210-27						5115212-41					
5115209-54						5115210-28						5115212-42					

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES			PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES			PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	KIT				SOURCE	RECOVER	KIT				SOURCE	RECOVER	KIT
5115212-43						5115215-33						5115224-12					
5115212-44						5115215-36		13 - 9				5115224-13					
5115212-45						5115215-37		13 - 10				5115224-14					
5115212-46						5115215-38						5115224-15					
5115212-47						5115215-40						5115224-16					
5115212-48						5115215-41						5115224-17					
5115212-49						5115215-42						5115224-18					
5115212-5						5115215-43		13 - 4				5115224-19					
5115212-50						5115215-44		13 - 3				5115224-2		47 - 17			
5115212-51						5115215-48						5115224-20					
5115212-52						5115215-50						5115224-21					
5115212-6						5115215-52		13 - 8				5115224-22					
5115212-7						5115215-54						5115224-23					
5115212-8						5115215-56						5115224-24					
5115212-9						5115215-58						5115224-25					
5115213		13 - 37				5115215-59						5115224-26					
5115213		14				5115215-60						5115224-27					
5115213-1						5115215-61						5115224-28					
5115213-10						5115215-62		13 - 11				5115224-29					
5115213-11						5115216		19 - 2				5115224-3		47 - 18			
5115213-12						5115216		21				5115224-30					
5115213-13						5115216-1		21				5115224-33					
5115213-2						5115216-10						5115224-34					
5115213-3						5115216-11						5115224-35					
5115213-4						5115216-12						5115224-37					
5115213-5						5115216-13						5115224-38					
5115213-6						5115216-14						5115224-4		47 - 19			
5115213-7						5115216-15						5115224-40					
5115213-8						5115216-16						5115224-41					
5115213-9						5115216-17						5115224-42					
5115214		13 - 18				5115216-18						5115224-43					
5115214-1						5115216-19						5115224-44					
5115214-10						5115216-2						5115224-45					
5115214-11						5115216-20						5115224-46					
5115214-12						5115216-21						5115224-47					
5115214-13						5115216-22						5115224-48					
5115214-14						5115216-23						5115224-49					
5115214-15						5115216-24						5115224-5		47 - 20			
5115214-16						5115216-25						5115224-6		47 - 21			
5115214-17						5115216-26						5115224-7		47 - 22			
5115214-18						5115216-27						5115224-8		47 - 6			
5115214-19						5115216-28						5115224-9		47 - 1			
5115214-2						5115216-29						5115227		72			
5115214-20						5115216-3						5115227-2		72 - 13			
5115214-21						5115216-30						5115228		131			
5115214-22						5115216-32		21 - 9				5115229		76			
5115214-23						5115216-35		21 - 7				5115229-2		76			
5115214-24						5115216-36		21 - 8				5115229-2		77			
5115214-25						5115216-38		21 - 50				5115229-2		78			
5115214-26						5115216-4						5115229-2		95			
5115214-27						5115216-43		21 - 10				5115229-2		96			
5115214-28						5115216-44		21 - 46				5115257		194			
5115214-29						5115216-48		21 - 14				5115257-1		194			
5115214-3						5115216-49		21 - 18				5115257-2		194 - 14			
5115214-30						5115216-5						5115257-3		194			
5115214-31						5115216-50		21 - 49				5115257-4		194 - 13			
5115214-32						5115216-51		21 - 19	M			5115261		30			
5115214-33						5115216-52		21 - 59				5115261-10		30 - 7			
5115214-34						5115216-53		21 - 22	M			5115261-2					
5115214-35						5115216-54		21 - 23				5115261-4					
5115214-36						5115216-6						5115261-6		30 - 4			
5115214-37						5115216-7						5115261-8					
5115214-38						5115216-8						5115262		30			
5115214-39						5115216-9						5115262-10		30			
5115214-4						5115217		16				5115262-2					
5115214-40						5115217		192				5115262-4		30 - 5			
5115214-41		13 - 20				5115217-10						5115262-6					
5115214-42		13 - 23				5115217-5		192 - 10				5115262-8					
5115214-43						5115217-8						5115363		72 - 15			
5115214-44						5115218		192 - 7				5115365		72 - 14			
5115214-45						5115218		194				5115379		262			
5115214-46						5115218-1		192				5115399-1		218 - 11			
5115214-48						5115218-1		194				5115399-11		218 - 41			
5115214-50						5115218-12		194 - 33				5115399-13		218 - 40			
5115214-6						5115218-16		194 - 5	M			5115399-15		218 - 38			
5115214-7						5115218-17		194 - 22				5115399-17		218 - 37			
5115214-8						5115218-22		194 - 36				5115399-19		218 - 20			
5115214-9						5115218-24		194 - 15				5115399-21		218 - 15	M		
5115215		13				5115218-101		194 -				5115399-23		218 - 9			
5115215-10						5115218-1-102		194 -				5115399-3		218 - 10			
5115215-21						5115220		121				5115399-9		218 - 43			
5115215-22						5115221		121				5115405		20			
5115215-26						5115222		122				5115405-1		20			
5115215-28						5115224		40 - 9				5115405-2		20 - 41			
5115215-29						5115224		47				5115405-3		20			
5115215-30						5115224-1		47 - 16				5115405-4					
5115215-31						5115224-10		47 - 5				5115414		222 - 3			
5115215-32						5115224-11											

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	KIT
5115487		5 - 3			
5115487-1		5			
5115492		4			
5115492-1		4			
5115492-10					
5115492-2					
5115492-3					
5115492-4					
5115492-5					
5115492-6					
5115492-7					
5115492-8					
5115492-9					
5115495		4			
5115495-1		4			
5115495-10					
5115495-11					
5115495-2					
5115495-3					
5115495-4					
5115495-5					
5115495-6					
5115495-7					
5115495-8					
5115495-9					
5115498		4			
5115498-1		4			
5115499					
5115499-1					
5115501		5 - 4			
5115501-1		5			
5115502		4			
5115502-1		4			
5115502-10					
5115502-12					
5115502-13					
5115502-14					
5115502-15					
5115502-2					
5115502-3					
5115502-4					
5115502-5					
5115502-6					
5115502-7					
5115502-8					
5115502-9					
5115503		4			
5115503-1		4			
5115503-10					
5115503-2					
5115503-3					
5115503-4					
5115503-5					
5115503-6					
5115503-7					
5115503-8					
5115503-9					
5115505					
5115505-1					
5115506		4 - 34			
5115506		5			
5115506-1		4			
5115506-1		5			
5115506-10					
5115506-11					
5115506-2		5 - 7			
5115506-3		5			
5115506-4		5 - 5			
5115506-5		5			
5115506-6					
5115506-7					
5115506-8					
5115506-9					
5115508-100					
5115508-101					
5115508-102					
5115508-103					
5115508-104					
5115508-105					
5115508-106					
5115508-107					
5115508-108					
5115508-109					
5115509		4			
5115509-1		4			
5115509-10					
5115509-11					
5115509-12					
5115509-128					
5115509-129					
5115509-13					
5115509-130					
5115509-131					
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5115509-133					
5115509-134					
5115509-135					
5115509-136					
5115509-137					
5115509-138					
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5115509-14					
5115509-140					
5115509-141					
5115509-142					
5115509-143					
5115509-146					
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5115509-180					
5115509-181					
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5115509-2					
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5115509-79					
5115509-8					
5115509-80					
5115509-81					
5115509-82					
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5115509-84					
5115509-85					
5115509-86					
5115509-87					
5115509-88					
5115509-89					
5115509-9					
5115509-90					
5115510		4			
5115510-1		4			
5115510-10					
5115510-2					
5115510-3					
5115510-4					
5115510-5					
5115510-6					
5115510-7					
5115510-8					
5115510-9					
5115647		49 - 2			
5115647-1		49			
5115647-10					
5115647-2					
5115647-3					
5115647-4					
5115647-5					
5115647-6					
5115647-7					
5115647-8					
5115648		49 - 61			
5115648-1		49			
5115648-10					
5115648-4					
5115648-6					
5115648-8					
5115649		49 - 25			
5115649-10					
5115649-12					
5115649-2					
5115649-4					
5115649-6					
5115649-8					
5115650		53 - 4			
5115652		49 - 57			
5115652-1		49			
5115652-10					
5115652-12					
5115652-2					

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES			PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES			PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	KIT				SOURCE	RECOVER	KIT				SOURCE	RECOVER	KIT
5115652-3						5115741-29						5115985-7					
5115652-8						5115741-3						5115985-8					
5115652-9						5115741-30						5115985-9					
5115653		49 - 15				5115741-31						5115986					
5115653		56				5115741-32						5115986-1					
5115653-1		49				5115741-33						5115988-2					
5115653-1		56				5115741-35						5115988-3					
5115653-10						5115741-36						5115988-4					
5115653-12						5115741-38						5115988-5					
5115653-14						5115741-4						5116		275 - 3			
5115653-15						5115741-40						5116122					
5115653-16						5115741-41						5116145					
5115653-17						5115741-5						5116148		76 - 5			
5115653-18						5115741-6						5116149		96 - 22			
5115653-2						5115741-7						5116149-10		96 - 23			
5115653-20						5115741-8						5116314		30 - 27			
5115653-22						5115741-9						5116314-12					
5115653-4						5115742		192 - 14				5116314-14					
5115653-6						5115742		193				5116314-16					
5115653-8						5115742-1		192				5116314-17					
5115654		49 - 1				5115742-1		193				5116314-18					
5115654		53				5115742-10						5116314-20					
5115654-1		49				5115742-11		193 - 27				5116314-22					
5115654-1		53				5115742-12						5116314-24					
5115654-10						5115742-13						5116314-26					
5115654-12						5115742-14						5116314-28					
5115654-14						5115742-15						5116314-29					
5115654-2						5115742-16						5116314-30					
5115654-3						5115742-17						5116314-31					
5115654-4						5115742-18						5116314-32					
5115654-6						5115742-19						5116314-33					
5115654-8						5115742-2						5116314-34					
5115655		49 - 45				5115742-20						5116314-35					
5115655-1		49				5115742-21						5116314-36					
5115655-10						5115742-22						5116314-37					
5115655-12						5115742-23						5116314-38					
5115655-13						5115742-24						5116314-52					
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PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
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5116387					
5116388					
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5116414-2		126 - 52			
5116415		126			
5116417		222			
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5116427-19		64 - 8			
5116427-2		64 - 12			
5116427-23		64 - 16			
5116427-24		64			
5116427-26		64 - 35			
5116427-29		64 - 21			
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5116427-30		64			
5116427-31		64 - 31			
5116427-33		64 - 38			
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5116427-37		64			
5116427-38		64 - 27			
5116427-4		64			
5116427-40		64			
5116427-41		64 - 32			
5116427-42		64			
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5116427-7		64 - 24			
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5116435		90			
5116500		222 - 20			
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5116596-1		126 - 13			
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5116637		42			
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5116637-2		42			
5116637-4		42			
5116637-8					
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5116701-1		93 - 45			
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5116701-3		93 - 48			
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5116728-1		85 - 56			
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5116836-17		146 - 49			
5116836-18		144 - 41			
5116836-18		146 - 51			
5116836-19		144 - 42	M		
5116836-19		146 - 52	M		
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5116836-20		144 - 9			
5116836-21		144 - 6	M		
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5116836-21		150 - 31	M		
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5116836-24		148 - 18			
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5116836-25		148 - 22	M		
5116836-26		148 - 23	M		
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5116836-29		150 - 33			
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5116836-57		150 - 48			
5116836-58		150 - 36			
5116836-6		144 - 32			
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5116872-2		41 - 56			
5116872-2		41			
5116872-3		41 - 66			
5116872-4		41 - 58			
5116872-5		41			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES SOURCE	CODES RECOVER	CODES KIT
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116872-8		41			
116872-9		41			
116910		125			
116936-16		144 - 39			
117072		129 - 21			
117072-1		129			
117125		86 - 17			
117180		213			
117186		19			
117186-10					
117186-12					
117186-14					
117186-16		19 - 13			
117186-18					
117186-2					
117186-20		19 - 29			
117186-22					
117186-24					
117186-26					
117186-30		19 - 5			
117186-4					
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117186-8					
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117199-1		20			
117199-13					
117199-14					
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117199-17		20 - 15			
117199-18					
117199-2					
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117199-21		20			
117199-22		20 - 16			
117199-23		20			
117199-24		20 - 25	M1		
117199-25		20	M1		
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117199-6		20 - 23			
117199-7		20			
117199-8		20 - 24			
117199-9		20			
117203		90			
117314		31 - 33			
117314		213 - 15			
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117314-4					
117314-6		31 - 38			
117314-6		215 - 9			
117314-8					
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117348		277			
117348		278			
117348-6		277			
117348-6		278			
117384		117 - 89			
117384		119			
117392		89			
117563		89			
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117828		7A			
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117893		19A			
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117893-19		19A			
117893-2		19A- 13			
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117893-24		19A- 12			
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5117893-8		19A- 14			
5117893-9		19A			
5117954		213 - 24			
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5117954-2		215 - 14			
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5117956		215 - 16			
5118007		279			
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5118068		89			
5118081		89			
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5118162-14		114 - 33			
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5118162-17		114 - 37			
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5118162-19		114			
5118162-20		114			
5118162-21		114			
5118162-3		114 - 4			
5118162-4		114			
5118162-5		114 - 24			
5118162-6		114 - 25			
5118162-7		114 - 18			
5118162-8		114 - 7			
5118162-9		114 - 14			
5118294		109 - 37			
5118294		114			
5118415		261			
5118415-1		261			
5118415-2		261 - 19			
5118453		218			
5118478		282			
5118508		7A- 18			
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5118508-9		7A- 21			
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5118545		91			
5118561		100			
5118561-2		100 - 41			
5118592		261 - 12			
5118592-1		261			
5118595		13 - 52	A		
5118595-2		13 - 60			
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5118714		53			
5118714-2		53 - 18			
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5118747		92			
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5118928-1		85 - 47			
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5118931-1		85			
5118997		195 - 13			
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5119377		98			
5119377-1		98			
5119393		264 - 38			
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5119451-6					
5119451-8		10 - 45			
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5119623		173 - 1			
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5119623-18		18 - 29			
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5119623-22		18 - 31			
5119623-24					
5119623-26					
5119623-28		18 - 28			
5119623-30		18 - 27			
5119623-32					
5119623-4					
5119623-6					
5119623-8					
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5119803		109 - 36			
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5119915		264			
5119956		27 - 57			
5119956		28			
51226		126 - 9			
5130281		201 - 21			
5130395		286			
5130750		13			
5130750-2		13 - 88			
5130787		3 - 6			
5130787-2		3 - 9			
5130787-3		3 - 8			
5130787-4		3 - 7			
5131301		202 - 28			
5131415		207 - 7			
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5131415-14					
5131415-15					
5131415-16					
5131415-18					
5131415-2					

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES SOURCE	CODES RECOVER	CODES KIT
5131415-20					
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5131415-4					
5131415-6					
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5131497-16		218 - 12			
5131497-18					
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5131553-2		40 - 41			
5131553-4		40 - 42			
5131580-10					
5131580-12					
5131580-14					
5131580-15					
5131580-16					
5131580-18					
5131580-2		49 - 83			
5131580-20					
5131580-22					
5131580-24					
5131580-26					
5131580-30					
5131580-32					
5131580-34					
5131580-4		49			
5131580-6					
5131580-8					
5132410		281 - 32			
5132411		281 - 9			
5132626		127 - 6			
5132626-1		127 - 7			
5132632		102 - 28			
5132632-10		102 - 30			
5132632-12		102 - 34			
5132632-8		102 - 32			
5132633		102 - 27			
5132633-10		102 - 29			
5132633-12		102 - 33			
5132633-8		102 - 31			
5132871					
5133124		110 - 74			
5133124		113 - 10			
5133207		136			
5133208		136			
5133408					
5133436		103 - 31			
5133437		103 - 30			
5136139-6		140 - 73			
5136139-8		197 - 57			
5136289		216			
5136289-10		216 - 40	M		
5136289-12		216 - 41	M		
5136289-14		216 - 42	M		
5136289-16		216 - 44			
5136289-18		216 - 46	M		
5136289-2		216 - 47			
5136289-20		216 - 45	M		
5136289-4		216 - 43	M		
5136289-6		216 - 38	M		
5136289-8		216 - 39	M		
5137181		140			
5138592		228			
5138592-2		228 - 57			
5138867-502		231			
5139020		142			
5139082		46			
5139082-2		46			
5139083		46			
5139083-2		46 - 42			
5139154		283			
5139182					
5139189		22 - 3			
5139199					
5139237		127 - 6			
5139237-1		127 - 7			
5139238		127			
5139238-1		127			
5139245		192 - 33			
5139245-1		192			
5139261		26 - 45			
5139261		29			
5139261-10					
5139261-16		29 - 2			
5139261-18		29 - 1			
5139261-2					
5139261-20		29 - 3	M		
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5139261-26					
5139261-28					
5139261-30					
5139261-34					
5139261-35					
5139261-36					
5139261-38					
5139261-4					
5139261-40					
5139261-42		29 - 38			
5139261-6					
5139261-8					
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5139274-10					
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5139274-20					
5139274-22					
5139274-24					
5139274-26					
5139274-28					
5139274-30					
5139274-4					
5139274-6					
5139274-8					
5139449		26			
5139449-16		26 - 19			
5139449-18		26 - 13	M		
5139449-2		26 - 11			
5139449-6		26 - 20			
5139452		232 - 1			
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5139452-4					
5139460		22 - 1			
5139460		26			
5139480		284			
5139519					
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5139541-1		281			
5139545		281 - 56			
5139570		41 - 1			
5139570-10					
5139570-12					
5139570-2					
5139570-4					
5139570-6					
5139570-7					
5139570-8					
5139571		41 - 4			
5139571-10					
5139571-12					
5139571-14		41 - 9			
5139571-16					
5139571-18					
5139571-2					
5139571-4					
5139571-5					
5139571-6					
5139571-8					
5139608		283			
5139624		201			
5139624		205			
5139642		6A- 9			
5139642		135			
5139756-1		284 - 2			
5139756-10		284 - 20			
5139756-2		284 - 26			
5139756-3		284 - 3			
5139756-4		284 - 18			
5139756-5		284 - 19			
5139756-6		284 - 24			
5139756-7		284 - 25			
5139756-8		284 - 21			
5139756-9		284 - 4			
5139759		22			
5139759-12					
5139759-14					
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5139759-18					
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5139759-22					
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5139759-38					
5139759-40					
5139759-42					
5139759-44					
5139759-46					
5139759-8					
5139762		16 - 53			
5139762		22			
5139773		161			
5139820					
5139830		137 - 27			
5139847					
5139858		33			
5139859		33 - 72			
5139859-1		33			
5139859-4		33 - 74			
5139865-22		97 - 15			
5139865-24		97 - 18			
5139865-25		97 - 16			
5139912		203			
5139912-2		203 - 13			
5139920		199			
5139920-2		199 - 24			
5139920-26		199			
5139920-28		199			
5139920-30		199			
5139920-32		199 - 30			
5139976		16			
5139976		201			
5139976		202			
5139976		203			
5139978		199			
5139978-22		199 - 31			
5139978-24		199 - 32			
5139978-26		199 - 33			
5139978-30		199 - 25			
5139978-32		199 - 26			
5140000		16			
5140000		199			
5140001		16			
5140001		33			
5140014		33 - 62			
5140019		201			
5140038		26 - 8			
5140038		27			
5140038-18		27 - 5			
5140038-20		27 - 7			
5140038-22		27 - 4			
5140038-24		27 - 2			
5140038-26		27 - 3			
5140038-38		27 - 29			
5140038-42		27 - 6			
5140038-52		27 - 30			
5140039		26 - 9			
5140039		27			
5140039-10					
5140039-12					
5140039-14					
5140039-16					
5140039-18					
5140039-2					
5140039-20					
5140039-22					
5140039-24					
5140039-26					
5140039-28					
5140039-30		27 - 31			
5140039-32		27 - 35			
5140039-34		27 - 36			
5140039-36					
5140039-38					
5140039-4					
5140039-44					
5140039-45					
5140039-50					
5140039-52					
5140039-54					
5140039-56					
5140039-58		27 - 32			
5140039-6					
5140039-60		27 - 33			
5140039-62		27 - 34			
5140039-8					
5140045		123 - 49			
5140045		125			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
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5140177		203			
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5140177-12					
5140177-14		203 - 26			
5140177-16		203 - 27			
5140177-18		203 - 28			
5140177-2					
5140177-20		203 - 29			
5140177-22		203 - 30			
5140177-24					
5140177-26		203 - 23			
5140177-28					
5140177-30					
5140177-4					
5140177-6					
5140177-8					
5140257		203			
5140262-2		203 - 41			
5140262-4		203 - 42			
5140263-2		203 - 43			
5140263-24		203 - 49			
5140263-26		203 - 48			
5140263-4		203 - 44			
5140263-6		203 - 45			
5140403		271			
5140531		19A			
5140719		33 - 61			
5140725		45 - 22			
5140726		45 - 21			
5140764		16			
5140764-4		16 - 45			
5140843		197 - 41			
5140948		262A			
5140948-1		262A			
5140948-2		262A- 28			
5140948-3		262A			
5140949		144 - 43			
5140961		264 - 36			
5140961		274			
5140961-2		274 - 28			
5140965		276			
5140965-2		276 - 74			
5140967		270			
5140967-2		270 - 48			
5140967-4		270			
5140971		263 - 33			
5140971-2		263 - 54			
5140971-4		263 - 34			
5140971-6		263 - 50			
5140972		263			
5140972-2		263			
5140972-4		263			
5140972-6		263			
5140980		16			
5140980-10		16 - 31			
5140980-14		16			
5140980-16		16 - 35			
5140980-2		16 - 34			
5140980-4		16 - 37			
5140980-8		16 - 29			
5140981		264 - 37			
5140981		275			
5140981-2		275 - 14			
5140987		265 - 35			
5140987		266 - 56			
5140987		279			
5140987-10					
5140987-2		279 - 43			
5140987-4					
5140987-6		279 - 26			
5140987-8					
5140993		262 - 19			
5140993-2		262 - 29			
5140993-4		262			
5140996		277 - 49			
5141024		39			
5141024		45			
5141024-10					
5141024-12					
5141024-14					
5141024-16					
5141024-18					
5141024-2					
5141024-20					
5141024-22					
5141024-24					
5141024-26					
5141024-28					
5141024-30					
5141024-32					
5141024-4		45 - 23			
5141024-6					
5141024-8					
5141034		195			
5141034-1		195			
5141037		264			
5141037		266			
5141038		213 - 49			
5141038-28		213 - 51			
5141039		32 - 26			
5141039-10		32 - 37			
5141039-12		32 - 38			
5141039-14		32 - 39			
5141039-16		32 - 33			
5141039-18		32 - 34			
5141039-2					
5141039-20		32 - 36			
5141039-22		32 - 31			
5141039-24		32 - 35			
5141039-4					
5141039-6					
5141039-8		32 - 32			
5141040		277			
5141040-2		277 - 12A			
5141040-4		277 - 42			
5141051		145 - 33			
5141079		142			
5141104		142 - 32			
5141104		144			
5141104		145			
5141132		32			
5141134		32 - 8			
5141158		213 - 83			
5141158-10		213 - 85			
5141158-12		213 - 86			
5141158-8		213 - 84	M		
5141159		213			
5141159-10		213	M		
5141159-12		213	M		
5141159-8		213	M		
5141165		206			
5141165-10		206 - 23			
5141165-12		206 - 22			
5141165-14		206 - 21			
5141165-16		206 - 6			
5141203		213 - 75			
5141203-10		213 - 79	M		
5141203-8		213 - 78			
5141211		261			
5141214		2			
5141214		261			
5141214-1		2			
5141214-1		261			
5141215		270			
5141217		264			
5141217		273			
5141218		264			
5141218		266			
5141220		142			
5141221		264			
5141221		265			
5141223		32 - 16			
5141223-10		32 - 17			
5141223-12		32 - 19			
5141223-14		32 - 20			
5141223-16		32 - 21			
5141223-18		32 - 22			
5141223-2					
5141223-20		32 - 23			
5141223-4					
5141223-6					
5141223-8		32 - 18			
5141224		265 - 44			
5141224		266 - 57			
5141224		276			
5141227		52 - 28			
5141229		52 - 30			
5141229-18					
5141229-2					
5141229-4					
5141229-6					
5141229-7					
5141238		197 - 15			
5141239		268			
5141239		272			
5141240		270			
5141241		16			
5141241		197			
5141241-10					
5141241-14					
5141241-16					
5141241-18					
5141241-2		197 - 19			
5141241-22					
5141241-24					
5141241-26					
5141241-28					
5141241-30					
5141241-32					
5141241-34					
5141241-36					
5141241-38					
5141241-4					
5141241-40					
5141241-42					
5141241-44					
5141241-46		197 - 13			
5141241-6		197 - 20			
5141241-8					
5141244		262			
5141251		32			
5141251-6		32 - 13			
5141251-8		32 - 14			
5141252		265 - 20			
5141252		277			
5141252		278			
5141254		222			
5141254-50		222			
5141263		197			
5141263-2		163C- 13			
5141263-2		197 - 11			
5141263-22		197 - 6			
5141263-4		197 - 9			
5141263-6		197 - 10			
5141274		32			
5141277		221			
5141277-8		221 - 29			
5141278		32 - 10			
5141281		201 - 2			
5141281		204 - 1			
5141281		206			
5141295		32			
5141295-2					
5141295-4					
5141298		127 - 8			
5141318		51 - 70			
5141318		52			
5141319		6A- 13			
5141319		12			
5141319-2					
5141319-20		12 - 5	M		
5141319-22		12 - 6	M		
5141319-23					
5141319-24		12 - 7	M		
5141319-30		12 - 10			
5141319-31					
5141319-32					
5141319-33					
5141319-34		12 - 21			
5141319-36		12 - 1			
5141319-38					
5141319-40		12 - 4			
5141319-42					
5141319-44					
5141329		142			
5141337		261			
5141338		262 - 36			
5141338		262A			
5141344		262 - 30			
5141344		263			
5141360		224 - 67			
5141367		264			
5141367		273			
5141392		271			
5141392-2		271 - 14			
5141392-4		271 - 10			
5141392-6		271			
5141392-8		271			
5141396		264 - 57			
5141396		266 - 28			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
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5141401		2			
5141401		3			
5141401-10		3			
5141401-14					
5141401-2		2 - 63			
5141401-4		3 - 3			
5141402		2			
5141402-1		2			
5141404		6A- 5			
5141404		262			
5141405		6A- 10			
5141405		133			
5141405		134			
5141406		16			
5141407		16			
5141407		264			
5141408		16			
5141408		140			
5141409		16			
5141409		137			
5141410		16			
5141410		142			
5141410		143			
5141411		264			
5141411		270			
5141411		271			
5141411		272			
5141412		38 - 3			
5141412		39			
5141412		40			
5141412-1		38			
5141412-1		39			
5141412-1		40			
5141413		38			
5141414		283			
5141415		39			
5141415		70			
5141415-1		39			
5141415-1		70			
5141416		39			
5141416		64			
5141416-1		39			
5141416-1		64			
5141420		271			
5141434		279			
5141434-1		279			
5141434-10					
5141434-11					
5141434-12		279 - 24			
5141434-15		279			
5141434-17					
5141434-18		279 - 22			
5141434-19		279			
5141434-20		279 - 23			
5141434-21		279			
5141434-22					
5141434-4					
5141434-5					
5141434-6					
5141434-7					
5141434-8					
5141434-9					
5141437		271			
5141440		272			
5141442		272			
5141467		6A			
5141467		219			
5141469		16			
5141469		223			
5141469		224			
5141484		263			
5141487		197 - 29			
5141488		197			
5141504		39			
5141504		58			
5141504		59			
5141504-1		39			
5141504-1		58			
5141504-1		59			
5141541		32 - 27			
5141542		272			
5141543		22			
5141543		23			
5141549		51			
5141549-10		51 - 67			
5141549-12		51 - 63			
5141549-13		51 - 64			
5141549-14					
5141549-16		51 - 46			
5141549-2					
5141549-24		51			
5141549-26		51 - 69			
5141549-28		51 - 42			
5141549-30					
5141549-32					
5141549-34		51 - 43			
5141549-35		51 - 44			
5141549-36					
5141549-37					
5141549-6		51 - 68			
5141549-7		51			
5141551		71			
5141551-1		71			
5141559		271			
5141564		262 - 15			
5141564		262A			
5141570					
5141570-1					
5141571		49			
5141571		51			
5141571-1		49			
5141571-1		51			
5141571-10					
5141571-11					
5141571-12					
5141571-14					
5141571-16					
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5141571-3					
5141571-4					
5141571-6					
5141571-7					
5141571-8					
5141571-9					
5141613		264 - 58			
5141613		266 - 35			
5141613		276			
5141618		197 - 71			
5141627		197			
5141640		264			
5141640		266			
5141650		272			
5141709					
5141709-1					
5141710		230 - 28			
5141710-1		230			
5141737-4		271 - 16			
5141775		123			
5141775		127			
5141790		199			
5141790-10		199			
5141790-8		199			
5141800		39			
5141800		41			
5141800-1		39			
5141800-1		41			
5141801		39			
5141801		48			
5141801-1		39			
5141801-1		48			
5141802		6A- 3			
5141802		97			
5141802		98			
5141802		100			
5141802		101			
5141802		102			
5141802		103			
5141803		6A- 4			
5141803		107			
5141804		40 - 55			
5141804		49			
5141804-1		40			
5141804-1		49			
5141805		39			
5141805		60			
5141805-1		39			
5141805-1		60			
5141807		219 - 17			
5141807-1		219			
5141815					
5141841		16			
5141841		89			
5141841		90			
5141857		199			
5141857-12		199			
5141858		199			
5141858-12		199			
5141859		199			
5141859-10		199			
5141859-8		199			
5141942		6A			
5141942		117			
5141943		16			
5141943		108			
5141943		109			
5141943		110			
5141951		201	M		
5141951		204	M		
5141951-22		201 - 5			
5141951-22		204 - 19			
5141951-24		201 - 6			
5141951-24		204 - 20			
5141964		30			
5141964-12					
5141964-18					
5141964-2					
5141964-20		30 - 2			
5141964-22					
5141964-24					
5141964-4					
5141964-6					
5141964-8					
5141964-9					
5141974		264			
5141976		224 - 48			
5141976-2		224 - 53			
5141976-4		224			
5141983		224 - 62			
5141983		230			
5141983-1		224 - 63			
5141983-1		230			
5142030		13			
5142030		16 - 55			
5142030-10					
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5142030-14					
5142030-15					
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5142030-24		13			
5142030-26		13			
5142030-28		13			
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5142030-36		13			
5142030-4					
5142030-6					
5142030-8					
5142055		9 - 35			
5142055-1		9			
5142056		6A- 1			
5142056		7			
5142056		8			
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5142056-100					
5142056-101					
5142056-102					
5142056-103					
5142056-104					
5142056-105					
5142056-106		9 - 16			
5142056-107					
5142056-108					
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5142056-110					
5142056-111					
5142056-112					
5142056-113					
5142056-118					
5142056-119					
5142056-12					
5142056-120					
5142056-121					
5142056-124					

PART NUMBER	VOL.	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	KIT
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5142056-126					
5142056-127					
5142056-128					
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5142056-148					
5142056-149					
5142056-15					
5142056-150					
5142056-152					
5142056-158					
5142056-159					
5142056-160		8 - 5			
5142056-161		8 - 6			
5142056-162					
5142056-163					
5142056-164					
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5142056-166					
5142056-167					
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5142056-195					
5142056-196					
5142056-197					
5142056-198					
5142056-199					
5142056-200		7 - 1			
5142056-201		7 - 2			
5142056-202					
5142056-203					
5142056-204					
5142056-205					
5142056-210					
5142056-211					
5142056-212					
5142056-214		9 - 28			
5142056-216					
5142056-217					
5142056-218		9 - 33			
5142056-22					
5142056-224					
5142056-227					
5142056-228					
5142056-229					
5142056-23					
5142056-24					
5142056-244					
5142056-245					
5142056-25					
5142056-250					
5142056-251					
5142056-254					
5142056-26					
5142056-27					
5142056-270		7 - 23			
5142056-273					
5142056-274					

PART NUMBER	VOL.	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	KIT
5142056-275					
5142056-276					
5142056-277					
5142056-278					
5142056-279					
5142056-28					
5142056-280					
5142056-281					
5142056-282					
5142056-283					
5142056-284					
5142056-286		9 - 31			
5142056-287		9			
5142056-29					
5142056-291		8 - 8			
5142056-292					
5142056-293					
5142056-294					
5142056-295					
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5142056-330					
5142056-332					
5142056-337					
5142056-338					
5142056-34					
5142056-340		9 - 25			
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5142056-343					
5142056-344					
5142056-346					
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5142056-348					
5142056-349					
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5142056-352					
5142056-356					
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5142056-361					
5142056-366					
5142056-38					
5142056-380					
5142056-39					
5142056-396					
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5142056-398					
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5142056-4					
5142056-40					
5142056-41					
5142056-42					
5142056-43					
5142056-44					
5142056-45					
5142056-46					
5142056-47					
5142056-48					
5142056-49					
5142056-5					
5142056-550		7 - 3			
5142056-550		9			
5142056-551		7 - 4			
5142056-551		9			
5142056-552		7			

PART NUMBER	VOL.	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	KIT
5142056-552		7A			
5142056-552		8			
5142056-56					
5142056-57					
5142056-58					
5142056-59					
5142056-6					
5142056-60					
5142056-600					
5142056-601					
5142056-602					
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5142056-604					
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5142056-610					
5142056-611					
5142056-612					
5142056-613					
5142056-616					
5142056-617					
5142056-618					
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5142081		201			
5142085		262			
5142148		225 - 4			
5142148-10		225 - 6			
5142150					
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5142164-1		230			
5142179		16			
5142183		16			
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5142309		203			
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5142362		56			
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514240		163F- 27			
5142403		272			
5142457		195 - 22			
5142481		195			
5142481-2		195 - 21			
5142481-4		195 - 28			
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5142500		285			
5142532		285 - 15			
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5142632		29 - 46			
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5142913		262			
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5142930-2		264 - 54			
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5142961		215			
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5143016-106		238			
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5143016-116		233 - 23			
5143016-118		238			
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5143016-124		233 - 17			
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5143016-128		233 - 19			
5143016-130		233 - 16			
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5143016-26		234 - 6			
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5143016-30		234 - 13			
5143016-32		234 - 18			
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5143016-38		234 - 1			
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5143016-72		233 - 4			
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5143016-82		233 - 15			
5143016-84		233 - 14			
5143016-86		238			
5143016-88		235 - 8			
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5143123		283			
5143224		262			
5143250		65			
5143250		66 - 41			
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5143348		233 - 27			
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5143424-2		226 - 12			
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5143436-10		66 - 27			
5143436-11		65 - 23			
5143436-11		66 - 43			

PART NUMBER	VOL.	FIGURE AND INDEX NUMBER	CODES		
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5143436-17		66			
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5143436-2		66			
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5143438		197			
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5143513-1		263			
5143513-2		263 - 71			
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5143513-4		263 - 68			
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5143682		272			
5143691		272			
5143692		271			
5143692-2		271 - 43			
5143698		122 - 1			
5143699		272			
5143760		121 - 39			
5143760		122			
5143768		142			
5143804		142			
5143809					
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5143859		278			
5143860		278			
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5143923-6		7			
5143923-7		7			
5143945		205			
5143946		41 - 85			
5143946		43			
5143946-10					
5143947		41 - 86			
5143947		43			
5143947-2		43 - 13			
5143947-4		43 - 14			
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5143968		152			
5143968		152A			
5143969		278 - 80			
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5145215-7					

PART NUMBER	VOL.	FIGURE AND INDEX NUMBER	CODES		
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5148185-82		24 - 54			
5148185-84		24 - 53			
5148229					
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5148436-10		209 - 1			
5148436-8		209 - 4			
5148767-36		24 - 81			
5148767-502		23 - 5			
5148767-502		24			
5148767-58					
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5160544-10		36 - 47			
5160544-12		36 - 51			
5160544-14		36 - 52			
5160544-16		36 - 53			
5160544-18		36 - 63			
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PART NUMBER	VOL.	FIGURE AND INDEX NUMBER	CODES		
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5160862-106		23 - 32			
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5160862-96					
5160862-98					
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5161117-2		204 - 46			
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5161117-6		204 - 39			
5161117-8		204 - 38			
5161157		204			
5161287		204 - 34			
5161500-27		132 - 8			
5161500-28		132 - 5			
5161500-29		132 - 4			
5161500-30		132 - 1			
5161500-31		132 - 10			
5161500-32		132 - 9			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES			PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES			PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	KIT				SOURCE	RECOVER	KIT				SOURCE	RECOVER	KIT
5161533		24				5188167-228						5188182-76					
5162530		192				5188167-230						5188182-78					
5162530-10						5188167-232						5188182-8					
5162530-12						5188167-234						5188182-80					
5162530-14						5188167-236						5188182-82					
5162530-16						5188167-238						5188182-84					
5162530-18						5188167-24						5188182-86					
5162530-19						5188167-240						5188182-88					
5162530-2						5188167-242						5188182-90					
5162530-20						5188167-244						5188182-92					
5162530-22						5188167-246						5188182-94					
5162530-24		192 - 24				5188167-248						5188182-96					
5162530-26		192 - 17				5188167-250						5188182-98					
5162530-28						5188167-252						5188183		16			
5162530-4						5188167-254						5188183-4		16			
5162530-6						5188167-256						5188185		16			
5162530-8						5188167-258						5188186		16			
5165055-2273						5188167-260						5188186		23			
5165055-2286						5188167-262						5188187-12					
5165666-311						5188167-264						5188187-14					
5165666-328						5188167-268						5188187-16					
5165666-336						5188167-270						5188187-18					
5165666-338						5188167-272						5188187-20					
5165666-411						5188167-30						5188187-22					
5165666-482						5188167-36						5188187-24					
5165666-483						5188167-4						5188187-26					
5165666-511						5188167-42						5188187-28					
5165666-537						5188167-48						5188187-30					
5165666-591						5188167-50						5188187-32					
5165666-592						5188167-54						5188187-34					
5170943						5188167-56						5188187-8					
5171474		71 - 12				5188167-58						5188188		16			
5171474-1		71				5188167-64						5188189-12					
5171474-1M		71				5188167-74						5188189-14					
5171474M		71 - 12A				5188167-76						5188189-16					
5172341		71 - 5				5188167-8						5188189-18					
5172439						5188167-80						5188189-20					
5172439-1						5188167-82						5188189-22					
5172440						5188167-84						5188189-24					
5172440-1						5188167-86						5188189-26					
5173069		71 - 4				5188167-88						5188189-28					
5173069-1		71				5188167-92						5188189-30					
5173076						5188167-94						5188189-32					
5173076-1						5188167-96						5188189-34					
5175793		154 - 8				5188176						5188189-36					
5175793-10		154 - 12				5188178						5188189-8					
5175793-12		154				5188179		266 - 23				5188191					
5175793-2		154 - 13				5188179		276				5188192					
5175793-4		154 - 9				5188179-2		276 - 32				5188194					
5175793-6		154 - 10				5188179-4		276 - 8				5188195					
5175793-8		154 - 11				5188182						5188198		197			
5185350		161				5188182-10						5188220		16			
5185411		197				5188182-100						5188220		214			
5185411-10						5188182-12						5188220-10		214 - 61			
5185411-12						5188182-14						5188220-16		214 - 69			
5185411-14						5188182-16						5188220-17		214 - 70	M		
5185411-16						5188182-18						5188220-18		214 - 71	M		
5185411-18						5188182-2						5188220-19		214 - 62			
5185411-2		197				5188182-20						5188220-20		214 - 31			
5185411-20						5188182-22						5188220-23		214			
5185411-4		197				5188182-24						5188220-24		214 - 52			
5185411-6		197				5188182-26						5188220-33		214 - 16			
5185411-8						5188182-28						5188220-38		214			
5188084		93 - 17				5188182-30						5188220-39		214 - 7			
5188085		93 - 25				5188182-32						5188220-40		214 - 6			
5188167		23 - 1				5188182-34						5188220-42		214 - 86			
5188167-10						5188182-36						5188220-43		214 - 83			
5188167-12						5188182-38						5188220-50		214 - 35			
5188167-122						5188182-4						5188220-57		214 - 32			
5188167-124						5188182-40						5188220-70		214 - 84			
5188167-14						5188182-42						5188220-72		214 - 85			
5188167-16						5188182-46						5188220-74		214 - 13	M		
5188167-18						5188182-48						5188230					
5188167-200						5188182-50						5188231					
5188167-202						5188182-52						5188236-10					
5188167-204						5188182-54						5188236-11					
5188167-206						5188182-56						5188236-12					
5188167-208						5188182-58						5188236-13					
5188167-210						5188182-6						5188236-14					
5188167-212						5188182-60						5188236-15					
5188167-214						5188182-62						5188236-16					
5188167-216						5188182-64						5188236-17					
5188167-218						5188182-66						5188236-18					
5188167-220						5188182-68						5188236-19					
5188167-222						5188182-70						5188236-2		13			
5188167-224						5188182-72						5188236-20					
5188167-226						5188182-74						5188236-21					

PART NUMBER	VOL.	FIGURE AND INDEX NUMBER	CODES SOURCE	CODES RECOVER	CODES KIT
5188236-22					
5188236-23					
5188236-24					
5188236-25					
5188236-26					
5188236-27					
5188236-28					
5188236-29					
5188236-30					
5188236-31					
5188236-32					
5188236-33					
5188236-34					
5188236-36					
5188236-38					
5188236-4		13			
5188236-40					
5188236-42					
5188236-43					
5188236-44					
5188236-46					
5188236-48					
5188236-50		13			
5188236-52		13			
5188236-54					
5188236-55					
5188236-56					
5188236-58					
5188236-6					
5188236-60					
5188236-62					
5188236-63					
5188236-64					
5188236-8					
5188241		16			
5188241		204			
5188241-2					
5188272		278			
5188273		266 - 45			
5188273		278			
5188278		241 - 64			
5188278-1		241			
5188279		241 - 63			
5188279-1		241			
5188282		16			
5188282		227			
5188282		228			
5188283		16			
5188283		200			
5188284		37			
5188284		204			
5188285		16			
5188285		208			
5188285		209			
5188285-10					
5188285-100					
5188285-102					
5188285-104		209 - 34	M		
5188285-106		209 - 58	M		
5188285-108		209 - 73	M		
5188285-110		209 - 76	M		
5188285-112		209 - 37	M		
5188285-114		209 - 65	M		
5188285-116		209 - 70	M		
5188285-118		209 - 62	M		
5188285-12					
5188285-120		209 - 40	M		
5188285-122		209 - 30	M		
5188285-124		209 - 27	M		
5188285-126		208 - 18	M		
5188285-128		208 - 19	M		
5188285-130		208 - 36	M		
5188285-132		208 - 31	M		
5188285-134		208 - 32	M		
5188285-136		208 - 38	M		
5188285-138		208 - 34	M		
5188285-14		208 - 27	M		
5188285-140		208 - 33	M		
5188285-142		208 - 37	M		
5188285-144		209 - 31	M		
5188285-146		209 - 28	M		
5188285-148		209 - 41	M		
5188285-150		209 - 63	M		
5188285-152		209 - 71	M		
5188285-154		209 - 67	M		
5188285-156		209 - 38	M		
5188285-158		209 - 77	M		
5188285-16		208 - 28	M		
5188285-160		209 - 74	M		
5188285-162		209 - 60	M		
5188285-164		209 - 35	M		
5188285-166		209 - 36	M		
5188285-168		209 - 61	M		
5188285-170		209 - 75	M		
5188285-172		209 - 78	M		
5188285-174		209 - 39	M		
5188285-176		209 - 69	M		
5188285-178		209 - 72	M		
5188285-18					
5188285-180		209 - 64	M		
5188285-182		209 - 79	M		
5188285-184		209 - 33	M		
5188285-188		208 - 42	M		
5188285-19					
5188285-190		208 - 40	M		
5188285-2					
5188285-20					
5188285-208					
5188285-210					
5188285-212					
5188285-214					
5188285-216		209 - 44	M		
5188285-218		209 - 43	M		
5188285-220					
5188285-222		208 - 16	M		
5188285-224		209 - 42	M		
5188285-24					
5188285-26					
5188285-28		209 - 46	M		
5188285-32					
5188285-34		209 - 45	M		
5188285-36		209 - 12	M		
5188285-37		209	M		
5188285-4					
5188285-42		209 - 55	M		
5188285-44		209 - 52	M		
5188285-46		209 - 53	M		
5188285-48		209 - 54	M		
5188285-50		209 - 47	M		
5188285-54					
5188285-56					
5188285-58		209 - 48	M		
5188285-6					
5188285-60		209 - 56	M		
5188285-62		209 - 57	M		
5188285-64					
5188285-66					
5188285-68					
5188285-70		209	M		
5188285-74					
5188285-76		209 - 8	M		
5188285-78		209 - 6	M		
5188285-8					
5188285-80		209	M		
5188285-81		209 - 10	M		
5188285-82					
5188285-83					
5188285-84					
5188285-86					
5188285-88					
5188285-90					
5188285-92					
5188285-94					
5188285-96					
5188285-98					
5188286		198			
5188286		204 - 2			
5188286-12		198 - 16			
5188286-14					
5188286-16		198 - 4			
5188286-2					
5188286-6					
5188286-8					
5188287		2			
5188287		261			
5188287-1		2			
5188287-1		261			
5188288		16			
5188288		266			
5188288		268			
5188288		269			
5188290		16			
5188290		142			
5188290		143			
5188291		6A			
5188291		262			
5188292		2			
5188292-1		2			
5188294					
5188294-1					
5188295		13			
5188296		16			
5188296		241			
5188296-10		241 - 66			
5188296-12		241 - 67			
5188296-14		241 - 68			
5188296-16		241			
5188296-2					
5188296-4					
5188296-6					
5188296-8		241 - 73			
5188298		2			
5188298		3			
5188298-10		3			
5188298-14					
5188298-2		2			
5188298-4		3			
5188317					
5188318		228 - 28			
5188318		230			
5188320		16			
5188320		30			
5188321		30			
5188321-100		30			
5188322		30			
5188325		266			
5188325-2		266			
5188325-4		266			
5188325-6		266			
5188325-8		266 - 84			
5188326		16			
5188326		34			
5188326		35			
5188327		16			
5188327		32			
5188328-2					
5188329		16			
5188330		16			
5188330		36			
5188330-2		36 - 68			
5188330-3		36 - 69			
5188330-4		36 - 67			
5188331		241 - 62			
5188331-1		241			
5188334		71			
5188334-1		71			
5188335		16			
5188335		141			
5188346		16			
5188346		195			
5188346-2		195 - 35			
5188346-4		195 - 31			
5188351		16			
5188351		108			
5188351		109			
5188351		110			
5188351-2		110			
5188351-4		110			
5188353		23 - 33			
5188353		25			
5188353-2					
5188353-4					
5188353-6					
5188353-8					
5188363		266			
5188363-2		266			
5188363-4		266			
5188363-6		266			
5188363-8		266 - 85			
5188365		278			
5188381		209			
5188423		25			
5188423-2		25 - 23			
5188423-4					
5188458					
5188459					
5188483		227 - 82			
5188483		229			
5188483-2					
5188483-3					
5188483-4					

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	KIT
5188491		228			
5188502		231			
5188502-2		231 - 17			
5188502-8		231 - 9			
5188509		228 - 29			
5188509		230			
5188517		25 - 4			
5188517-10		25 - 5			
5188517-12					
5188517-14					
5188517-16					
5188517-18					
5188517-2					
5188517-20					
5188517-21					
5188517-22					
5188517-4					
5188517-6					
5188517-8					
5188571		231			
5188571-2		231 - 5			
5188571-4		231 - 4			
5188574		6A			
5188574		132			
5188574		135			
5188575		132			
5188575-2					
5188592		227			
5188595		230 - 31			
5188610		227 - 54			
5188612		231 - 19			
5188612-1		231			
5188613		229 - 52			
5188614		229 - 51			
5188615		229 - 15			
5188615-8		229 - 20			
5188616		16			
5188616		19			
5188617		19			
5188617		20			
5188617-1					
5188617-10					
5188617-100		20			
5188617-104		20			
5188617-106		20			
5188617-108		20			
5188617-11					
5188617-110		20			
5188617-112		20			
5188617-12					
5188617-14					
5188617-15					
5188617-16					
5188617-17					
5188617-18					
5188617-19					
5188617-2					
5188617-20					
5188617-21					
5188617-22					
5188617-23					
5188617-24					
5188617-25					
5188617-26					
5188617-27					
5188617-28					
5188617-29					
5188617-30					
5188617-31					
5188617-32					
5188617-33					
5188617-50		20			
5188617-51					
5188617-52					
5188617-53					
5188617-54					
5188617-56					
5188617-57					
5188617-58					
5188617-59					
5188617-60					
5188617-61					
5188617-62					
5188617-7					
5188617-8					
5188617-85					
5188617-86					
5188617-9					
5188617-90					
5188617-91					
5188617-94					
5188617-96		20			
5188617-98		20			
5188618		261			
5188619		132 - 66			
5188626		16			
5188626		231			
5188633		209 - 80			
5188633		210			
5188633-10		210 - 17			
5188633-12		210 - 19			
5188633-14		210 - 21			
5188633-16		210 - 8			
5188633-18		210 - 10			
5188633-2		210 - 9			
5188633-20		210 - 12			
5188633-22		210 - 14			
5188633-24		210 - 16			
5188633-26		210 - 18			
5188633-28		210 - 20			
5188633-30		210 - 22			
5188633-4		210 - 11			
5188633-48		210 - 23			
5188633-6		210 - 13			
5188633-8		210 - 15			
5188637		35 - 3			
5188637-2		35 - 17	M		
5188637-3		35 - 21	M		
5188637-4		35 - 22	M		
5188637-5		35 - 16	M		
5188637-6		35 - 18	M		
5188637-7		35 - 20	M		
5188637-8		35 - 19	M		
5188638		34 - 29			
5188638-10		34 - 42	M		
5188638-13		34 - 41	M		
5188638-14		34 - 34	M		
5188638-15		34 - 31	M		
5188638-16		34 - 38	M		
5188638-2		34 - 30	M		
5188638-3		34 - 33	M		
5188638-4		34 - 39	M		
5188638-5		34 - 40	M		
5188638-6		34 - 37	M		
5188638-7		34 - 35	M		
5188638-8		34 - 32	M		
5188638-9		34 - 36	M		
5188639		34 - 43			
5188639-2		34 - 49	M		
5188639-3		34 - 47	M		
5188639-4		34 - 44	M		
5188639-5		34 - 45	M		
5188639-6		34 - 48	M		
5188639-7		34 - 46	M		
5188640		35 - 26			
5188640-10		35 - 30	M		
5188640-11		35 - 29	M		
5188640-2		35 - 28	M		
5188640-3		35 - 27	M		
5188640-4		35 - 31	M		
5188640-6		35 - 35	M		
5188640-7		35 - 34	M		
5188640-8		35 - 33	M		
5188640-9		35 - 32	M		
5188641		34 - 12			
5188641-10		34 - 14	M		
5188641-11		34 - 27	M		
5188641-12		34 - 13	M		
5188641-15		34 - 26	M		
5188641-16		34 - 19	M		
5188641-17		34 - 16	M		
5188641-18		34 - 17	M		
5188641-19		34 - 18	M		
5188641-2		34 - 28	M		
5188641-3		34 - 21	M		
5188641-4		34 - 25	M		
5188641-5		34 - 24	M		
5188641-6		34 - 22	M		
5188641-7		34 - 23	M		
5188641-8		34 - 15	M		
5188641-9		34 - 20	M		
5188642		35 - 36			
5188642-1		35 - 45			
5188642-10		35 - 49	M		
5188642-12		35 - 47	M		
5188642-13		35 - 38	M		
5188642-14		35 - 39	M		
5188642-15		35 - 40	M		
5188642-16		35 - 41	M		
5188642-2		35 - 50	M		
5188642-3		35 - 48	M		
5188642-5		35 - 46	M		
5188642-6		35 - 42	M		
5188642-7		35 - 37	M		
5188642-8		35 - 43	M		
5188642-9		35 - 44	M		
5188645		142			
5188645		150			
5188645		151			
5188652		228 - 50			
5188652-1		228 - 51			
5188671		209 - 81			
5188671		212			
5188671-100					
5188671-102					
5188671-104					
5188671-106					
5188671-108					
5188671-11		212 - 47			
5188671-110					
5188671-111					
5188671-112		212 - 34			
5188671-113		212 - 35			
5188671-114					
5188671-116					
5188671-118		212 - 27			
5188671-120					
5188671-122					
5188671-124					
5188671-126		212 - 24			
5188671-13					
5188671-14					
5188671-16		212 - 50			
5188671-18					
5188671-2		212 - 51			
5188671-20					
5188671-22					
5188671-24					
5188671-25					
5188671-26					
5188671-28					
5188671-29					
5188671-30		212 - 36			
5188671-31		212 - 37			
5188671-32					
5188671-34					
5188671-36					
5188671-38					
5188671-4					
5188671-40					
5188671-42					
5188671-44		212 - 52			
5188671-46					
5188671-48					
5188671-50					
5188671-52		212 - 45			
5188671-53		212 - 46			
5188671-54					
5188671-56					
5188671-58					
5188671-59					
5188671-6					
5188671-60					
5188671-62		212 - 4			
5188671-64		212 - 44			
5188671-66					
5188671-68					
5188671-70		212 - 30			
5188671-71		212 - 31			
5188671-72					
5188671-74					
5188671-76					
5188671-77					
5188671-78					
5188671-8					
5188671-80					
5188671-82					
5188671-84		212 - 1			
5188671-86					
5188671-88					
5188671-90		212 - 28			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES SOURCE	CODES RECOVER	CODES KIT
5188671-91		212 - 29			
5188671-92					
5188671-94					
5188671-96		212 - 32			
5188671-97		212 - 33			
5188671-98		212 - 13			
5188671-99		212 - 14			
5188680-10		141 - 40			
5188680-11		141 - 39			
5188680-12		141 - 42			
5188680-13		141 - 43			
5188680-14		141 - 22			
5188680-15		141 - 2			
5188680-17		141 - 38			
5188680-18		141 - 37			
5188680-19		141 - 36			
5188680-20		141 - 32			
5188680-21		141 - 23			
5188680-3		141 - 14			
5188680-4		141 - 5			
5188680-6		141 - 15			
5188680-7		141 - 27			
5188680-8		141 - 28			
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5188765-8		18A- 8			
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5188770-161		8			
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5188770-270		7			
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5188770-340		9			
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5188770-640		9			
5188770-644		9			
5188770-76		8			
5188770-77		8			
5188770-78		8			
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5188772-100		18A			
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5188772-104		18A- 31			
5188772-106		18A- 30			
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5188772-26					

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
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5188772-62					
5188772-64					
5188772-66					
5188772-68					
5188772-72		18A- 20			
5188772-8					
5188772-80					
5188772-82					
5188772-84		18A- 21			
5188772-86					
5188772-88		18A- 26			
5188772-90					
5188772-92					
5188772-94					
5188772-96					
5188772-98					
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5188777-2		268			
5188777-4		268			
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5188788-3		20			
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5188797		19			
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5188811		32 - 3C			
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5188821		8			
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5188825-2		266 - 88			
5188825-4		266			
5188825-6		266 - 89			
5188825-8		266 - 83			
5188835-10		241 - 12			
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5188835-14		241 - 18			
5188835-16		241 - 19			
5188835-18		241 - 13			
5188835-2		241 - 2			
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5188835-24		241 - 30			
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5188835-30		241 - 34			
5188835-32		241 - 23			
5188835-36		241 - 35			
5188835-38		241 - 36			
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5188835-46		241 - 43			
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5188835-54		241 - 32			
5188835-56		241 - 31			
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5188835-8		241 - 3			
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5188844		142			
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5188848-6		268 - 12			
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5188853		36			
5188864		16			
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5188864-16		31 - 41			
5188864-18		31 - 42			
5188864-2					
5188864-20		31 - 44			
5188864-22		31 - 45			
5188864-24		31 - 43			
5188864-26		31 - 39			
5188864-4		31 - 49			
5188864-6		31 - 50			
5188864-8		31 - 51			
5188865		266 - 22			
5188872					
5188883		204 - 67			
5188883-14		204 - 72			
5188883-16		204 - 73			
5188883-18		204 - 74			
5188883-20		204 - 76			
5188883-8		204 - 69			
5188883-9		204 - 70			
5188886		269			
5188888		266 - 20			
5188888		274			
5188888-2		274 - 51			
5188896		31			
5188896-10					
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5188896-14					
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5188897-8					
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5188905		243			
5188912		268			
5188920		204 - 95			
5188921		204 - 91			
5188921-8		204 - 93			
5188922		204			
5188922-2		204 - 84			
5188925		204			
5188925-2		204 - 66			
5188925-4		204 - 64			
5188925-6		204 - 65			
5188925-8		204 - 63			
5188935		266			
5188937		266			
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5188938-16		243 - 11			
5188938-18		243 - 44			
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5188938-22		243 - 33			
5188938-24		243 - 28			
5188938-26		243 - 64			
5188938-28		243 - 26			
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5188938-36		243 - 49			
5188938-38		243 - 43			
5188938-4		243 - 2			
5188938-40		243 - 50			
5188938-42		243 - 56			
5188938-44		243 - 55			
5188938-46		243 - 62			
5188938-48		243 - 25			
5188938-50		243 - 45			
5188938-6		243 - 3			
5188938-8		243 - 8			
5188949		16			
5188949		192			
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5188949-5		192			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES SOURCE	CODES RECOVER	CODES KIT
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5188960		208			
5188992		208 - 4			
5189002-10					
5189002-12		211 - 29			
5189002-14					
5189002-16		211			
5189002-18					
5189002-2		211 - 26			
5189002-4		211 - 27			
5189002-6		211 - 28			
5189002-8		211 - 21			
5189012		217			
5189012-1					
5189012-10		217 - 69			
5189012-11					
5189012-12					
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5189012-14					
5189012-15					
5189012-16					
5189012-17					
5189012-18					
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5189012-26					
5189012-27					
5189012-28					
5189012-29					
5189012-3					
5189012-30					
5189012-31					
5189012-32		217 - 78			
5189012-33		217 - 79			
5189012-34					
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5189012-39					
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5189012-42					
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5189012-44					
5189012-45		217 - 68			
5189012-46					
5189012-47		217 - 67			
5189012-48		217 - 71	M		
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5189012-7					
5189012-8					
5189012-9					
5189014		217 - 72			
5189014-2		217 - 73			
5189023		217 - 60			
5189023-1		217 - 65			
5189028-2		217 - 28			
5189028-4		217 - 29			
5189096		266 - 21			
5189096		275			
5189096-2		275			
5189123		231			
5189134		214 - 81			
5189134-2		214 - 82			
5189147		16			
5189147-2		16			
5189148		16 - 52			
5189148		17			
5189148-10		17			
5189148-11		17			
5189148-12		17			
5189148-14		17			
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5189148-18					
5189148-2					
5189148-20		17 - 18			
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5189148-26					
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5189148-29					
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5189148-31					
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5189148-33		17			
5189148-34		17			
5189148-36					
5189148-38					
5189148-4		17			
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5189148-41					
5189148-44					
5189148-6		17			
5189148-8					
5189154		19			
5189154		19A			
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5189154-6					
5189154-8					
5189177		269			
5189184		6A			
5189184		219			
5189195		16			
5189195		81			
5189195		81A			
5189195		82			
5189195		82A			
5189195		83			
5189195		84			
5189195		84A			
5189195		130			
5189195-1		82			
5189195-10		82			
5189195-6		83			
5189215		219			
5189215-1		219			
5189256		231			
5189256-4		231 - 40	M		
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5189500-14					
5189500-16					
5189508		264			
5189508		266			
5189513		6A			
5189513		107			
5189550		109			
5189550		114			
5189551		27			
5189551		28			
5189554		261			
5189555		261			
5189560		265			
5189560		266			
5189560-2		265			
5189560-2		266 - 41			
5189564		33			
5189564-1		33			
5189565		33			
5189566		33			
5189567		33			
5189567-1		33			
5189568		16			
5189568		33			
5189585		264			
5189585		266			
5189586		264			
5189648		266			
5189660		271			
5189673		262			
5189674		262			
5189674-2		262 - 35			
5189713		239 - 82			
5189723		6A			
5189723		73			
5189723		74			
5189723		75			
5189734		262A			
5189734-1		262A			
5189735-224		262A			
5189735-4		262A- 38			
5189735-8		262A- 37			
5189736		262			
5189736		262A			
5189737		273			
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52D21102-1		235 - 27			
52D44619-2		163B1-			
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52N D2398-10-048		200 - 10			
52N D2398-10-048		200 - 19			
520CA9327		165 - 40			
520CA9377		181 - 18			
520CA9452		181 - 6			
520CA9602		181 - 30			
520CB6285		179 - 9			
520CB8026		174 - 2			
520CB8078		174 - 9			
520CB8088		173 - 29			
520CB8088		175			
520CB8089		175 - 26			
520CB8104		188 - 18			
520CB8105		188 - 19			
520CB8106		188 - 20			
520CB8107		188 - 5			
520CB8108		188 - 6			
520CB8109		188 - 7			
520CB8114-1		170 - 5			
520CB8114-1		171 - 23			
520CB8114-2		170 - 12			
520CB8168		175 - 7			
520CB8329		177 - 30			
520CB8344		176 - 52			
520CB8346		176 - 54			
520CB8352		176 - 42			
520CB8378		173 - 44			
520CB8385		178 - 8			
520CB8386		178 - 10			
520CB8388		172 - 10			
520CB8389		172 - 9			
520CB8390		172 - 11			
520CB8418		186 - 12			
520CB8418		188 - 43			
520CB8424		187 - 9			
520CB8431		186 - 8			
520CB8431		188 - 30			
520CB8434		178 - 13			
520CB8445		178 - 23			
520CB8459		186 - 3			
520CB8459		187 - 11			
520CB8461		178 - 7			
520CB8462		178 - 21			
520CB8468		178			
520CB8470		188			
520CB8479		183 - 41			
520CB8482		183 - 34			
520CB8484		183			
520CB8484-1		183 - 37			
520CB8487		183 - 35			
520CB8488		183 - 45			
520CB8848		173 - 19			
520CB9211		183 - 36			
520CB9212		183 - 46			
520CB9217		183 - 43			
520CB9228		183 - 51			
520CB9238		167 - 17			
520CB9242		183 - 22			
520CB9329		165 - 41			
520CB9330		165 - 37			
520CB9338		181 - 21			
520CB9345		179 - 26			
520CB9346		179			
520CB9348		179 - 52			
520CB9358		179 - 42			
520CB9381		179 - 59			
520CB9393		180			
520CB9429-1		182 - 10			
520CB9429-2		182			
520CB9430-1		182			
520CB9430-2		182			
520CB9433		179 - 16			
520CB9434		179 - 5			
520CB9435		179 - 3			
520CB9437		179 - 1			
520CB9439		180 - 27			
520CB9440		179 - 13			
520CB9442		180 - 61			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES SOURCE	CODES RECOVER	CODES KIT
520CB9448		180 - 15			
520CB9449		181 - 27			
520CB9451-L		181 - 11			
520CB9451-R		181			
520CB9474		166 - 97			
520CB9475		166 - 98			
520CB9477		166 - 99			
520CB9478		166 - 96			
520CB9547		181			
520CB9547-1		181 - 34			
520CB9548		181			
520CB9548-1		181 - 36			
520CB9598L		181 - 25			
520CB9598R		181 - 26			
520CB9599L		181 - 23			
520CB9599R		181 - 24			
520CB9600-1		179 - 15			
520CB9600-2		179 - 30			
520CB9600-3		180 - 4			
520CB9600-4		180 - 9			
520CB9600-5		180 - 32			
520CB9600-6		180 - 58			
520CB9601-1		179 - 50			
520CB9601-2		179 - 49			
520CB9601-3		180 - 59			
520CB9601-4		180 - 53			
520CB9601-5		180 - 60			
520CB9601-5		181 - 5			
520CB9601-6		180 - 54			
520CB9601-6		181 - 3			
520CB9601-7		180 - 46			
520CB9601-8		180 - 48			
520CB9601-8		181 - 1			
520CB9604		181			
520CB9607		181 - 32			
520CB9610		183 - 31			
520CB9611		183 - 29			
520CB9620		177 - 10			
520CB9719-1		179 - 20			
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520CC8090		173 - 55			
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520CC8166		173			
520CC8310		177 - 8			
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520CC8325		177 - 28			
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520CC8330R		176			
520CC8331L		176			
520CC8331R		176 - 35			
520CC8335L		176			
520CC8335R		176 - 22			
520CC8345		176 - 53			
520CC8347		176			
520CC8361L		176			
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520CC8363		183 - 59			
520CC8363		184			
520CC8366L		176			
520CC8366R		176			
520CC8367		172 - 17			
520CC8368		172			
520CC837L		176			
520CC8370		172			
520CC8371R		176			
520CC8373		176 - 9			
520CC8387		172 - 19			
520CC8394		172			
520CC8412		187 - 21			
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520CC8436		178 - 2			
520CC8453		183 - 13			
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520CC8460		178 - 22			
520CC8465		178 - 18			
520CC8467		178			
520CC8478		183 - 48			
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520CC9268		187 - 16			
520CC9313		185			
520CC9363		166 - 92			
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520CC9432		167F			
520CC9432		176 - 26			
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520CC9850		187 - 25			
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520CD8176		171 - 25			
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520CD8334R		176			
520CD8356		186 - 25			
520CD8369		172 - 27			
520CD8454		183 - 14			
520CD8481		183 - 9			
520CD9222		183			
520CD9227		179 - 61			
520CD9236		167 - 27			
520CD9258		165 - 5			
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520CD9259		165 - 1			
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520CD9260		185 - 13			
520CD9263		185			
520CD9312		185 - 4			
520CD9342		179			
520CD9350		179			
520CD9364		184 - 53			
520CD9365		183 - 56			
520CD9365		184			
520CD9366		182 - 1			
520CD9460		179			
520CD9597		171			
520CD9816		168 - 9			
520CD9826		168 - 56			
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520CD9827		169 - 13			
520CE8079		174 - 34			
520CE8458		183 - 17			
520CE9360		184			
520CE9360-1		184 - 42			
520CE9466		180			
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520CF9233		167A-1			
520CF9361		183 - 57			
520CF9361		184			
520CF9596		171			
520CH8003		188			
520CH8005		170			
520CH8009		187			
520CH8012		186			
520CH8013		187			
520CH8014		186			
520CH8015		186			
520CH8015-1		186 - 17			
520CH8018		172			
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520CH8021		188			
520CH8021-1		188 - 39			
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520CH8051		170			
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520CH8174		171			
520CH8384		172			
520CH9205		185			
520CH9244		165 - 3			
520CH9244		167			
520CH9250		167 - 11			
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520CH9257		167 - 39			
520CH9362		166 - 90			
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520CJ8008		176			
520CJ8011		185			
520CJ8019		171			
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520CJ9201-4		183 - 28			
520CJ9203		165			
520CJ9203		166			
520CJ9204		179			
520CJ9204		180			
520CJ9204		181			
520CJ9204		182			
520CJ9206		187			
520CK8004		173			
520CK8004		174			
520CK8007		173			
520CK8010		177			
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520CK8016		178			
520CK9232		183 - 11			
520CK9232-3		183 - 25			
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5202129					
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5202132-1		239 - 13			
5202132-12		239 - 21			
5202132-16		239 - 22			
5202132-2		239 - 1			
5202132-20		239 - 23			

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5202132-40		239 - 42			
5202132-42		239 - 43			
5202132-44		239 - 45			
5202132-46		239 - 39			
5202132-48		239 - 40			
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5202132-66		240 - 15			
5202132-68		240 - 16			
5202132-78		240 - 7			
5202132-8		239 - 4			
5202132-80		240 - 8			
5202132-82		240 - 9			
5202132-84		240 - 14			
5202132-86		240 - 17			
5202132-88		239 - 61			
5202132-90		239 - 60			
5202132-92		239 - 38			
5202132-94		239 - 36			
5202133					
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5202142		144			
5202142		145			
5202162		264			
5202165		142			
5202165		148			
5202165		149			
5202190		262			
5202190		263			
5202259		142			
5202260		142			
5202278		224			
5202278		226			
5202279		16			
5202279		223			
5202279		224			
5202302		261			
5202302-1		261			
5202303		272			
5202324		39			
5202324		65			
5202324-1		39			
5202324-1		65			
5202330		224			
5202364		90			
5202414		142			
5202419		16			
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5202420		90			
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5202422		142			
5202422		143			
5202455		142			
5202605		272			
5202606		270			
5202607		272			
5202608		272			
5202609		272			
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5202711		223 - 60			
5202721		26 - 4			
5202725		223 - 44			
5202763		270			
5202778		270			
5202779		270 - 20			
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5203021-106		236 - 55			
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5203021-66		236 - 27			
5203021-68		236 - 7			
5203021-70		236 - 19			
5203021-72		236 - 24			
5203021-74		236 - 25			
5203021-76		236 - 16			
5203021-78		238 - 9			
5203021-8		237 - 6			
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5203021-84		236 - 4			
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5203021-98		238 - 38			
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5203022		238			
5203041		108 - 68			
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5203256		38			
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5203256-1		38			
5203256-1		39			
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5203290		126 - 6			
5203308		39			
5203308		70			
5203308-1		39			
5203308-1		70			
5203324		126			
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5203457		236 - 18			
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5203458		238			
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5203519		143			
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5203593		2			
5203593		261			
5203604		203			
5203604		281			
5203619		123			
5203721		265 - 20A			
5203721		272 - 74			
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5203727		99			
5203727		100			
5203727		101			
5203727		102			
5203727		103			
5203735		16			
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5203745		70			
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5203833		108			
5203833		109			
5203833		110			
5203834		39			
5203834		62			
5203834-1		39			
5203834-1		62			
5203836		6A			
5203836		117			
5203860		271			
5203956		40 - 53			
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5204211-34		99 - 20	M		
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5204211-36		100	M		
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5204211-46		99 - 42			
5204211-47		99 - 44			
5204211-48		99 - 46			
5204211-49		99 - 45			
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5204313-1		190			
5204313-2		190			
5204325		6A			
5204325		190			
5204326		48A- 14			
5204335-3		59 - 23			
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5204384		242			
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5204439		61			
5204439-1		39			
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5204655		39			
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5204655-1		39			
5204655-1		46			
5204803		150			
5204803		152			
5204803		152A			
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5204850		152A			
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5204912-14		62 - 52			
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5204912-22		62 - 30			
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5204979-66		242 - 28			
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5205086		278			
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5205656-3					
5205656-30					
5205656-31					
5205656-32					

PART NUMBER	VOL.	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	KIT
5205656-4					
5205656-5					
5205656-6					
5205656-8					
5205672		39			
5205672		60			
5205672-1		39			
5205672-1		60			
5205673		38			
5205673		39			
5205673		40			
5205673-1		38			
5205673-1		39			
5205673-1		40			
5205768		278			
52058		121 - 36			
5205973		272			
5205978		39			
5206000		54			
5206000-10		54			
5206000-11		54			
5206000-12		54 - 8			
5206000-13		54			
5206000-18		54 - 9			
5206000-20		54 - 1			
5206000-6		54 - 3			
5206000-8		54 - 7			
5206003		50			
5206003-1		50			
5206003-10					
5206003-12					
5206003-14					
5206003-18					
5206003-2					
5206003-20					
5206003-26		54 - 25			
5206003-27		54			
5206003-4					
5206003-500		54			
5206003-501		54			
5206003-6		50 - 11			
5206003-7		50			
5206005		39			
5206005		41			
5206005-1		39			
5206005-1		41			
5206006-10					
5206006-12					
5206006-14					
5206006-15					
5206006-16					
5206006-18					
5206006-2		49			
5206006-20					
5206006-22					
5206006-24					
5206006-26					
5206006-30					
5206006-32					
5206006-34					
5206006-4		49			
5206006-6					
5206006-8					
5206011		40			
5206011		49			
5206011-1		40			
5206011-1		49			
5206012		38			
5206012		39			
5206012		40			
5206012-1		38			
5206012-1		39			
5206012-1		40			
5206109		265			
5206291		55 - 39			
5206291-10					
5206291-12					
5206291-14					
5206291-15					
5206291-16					
5206291-18					
5206291-2					
5206291-20					
5206291-24					
5206291-26					
5206291-27					
5206291-28					
5206291-30					
5206291-38					
5206291-4					
5206291-40					
5206291-42					
5206291-44		55 - 49			
5206291-5					
5206291-6					
5206291-8					
5206321		39			
5206371		55			
5206371-2		55 - 45			
5206503		49			
5206503		54			
5206503-1		49			
5206503-1		54			
5206503-2		54 - 12			
5206503-4		54 - 11			
5206503-6		54 - 10			
5206504		54 - 26			
5206504		55			
5206696		55 - 51			
5206739		192			
5206739		194			
5206739-1		192			
5206739-1		194			
5206739-12		194			
5206739-16		194	M		
5206739-20		194			
5206739-32		194			
5206739-101		194 -			
5206739-1-102		194 -			
5206771		41			
5206771		42			
5206771-10					
5206771-12					
5206771-2		42			
5206771-4		42			
5206771-8					
5207493		66 - 83			
5207493		67			
5209800		142			
5209800		146			
5209800		147			
5209800-10					
5209800-12					
5209800-2					
5209800-4					
5209800-6					
5209800-8					
5209805-1		146 - 16			
5209805-10		146 - 41			
5209805-11		146 - 42			
5209805-12		146 - 26			
5209805-13		146 - 31			
5209805-14		146 - 23			
5209805-15		146 - 29			
5209805-16		146 - 20			
5209805-17		142 - 42			
5209805-2		146 - 5			
5209805-3		146 - 11			
5209805-4		146 - 15			
5209805-5		146 - 13			
5209805-6		146 - 12			
5209805-7		146 - 10			
5209805-8		146 - 6			
5209805-9		146 - 34			
5209842		50 - 50			
5209850		125			
5209853		50 - 51			
5209858		272			
5209861		272			
5209865		272			
5209868		266			
5209868		272			
5209871		269			
5209871		273			
5209879		240			
5209881		16			
5209881		239			
5209881		240			
5209882		239 - 5			
5209882		241 - 5			
5209901		49			
5209901		50			
5209901-1		49			
5209901-1		50			
5209903		50			
5209903-10					
5209903-12					
5209903-13					
5209903-14					
5209903-16					
5209903-2					
5209903-4					
5209903-6					
5209903-8		50 - 5			
5209918		50			
5209918-2		50 - 46			
5209929		262			
5209970		117			
5209970		120			
5209981		114 - 51			
5209981		118			
5209981-2		118 - 13			
5241287		2			
5241287-1		2			
5241287-20		2			
5241287-206		2 - 65			
5241287-207		2			
5241287-208		2 - 64			
5241287-209		2			
5241287-21		2			
5241287-22		2			
5241287-23		2			
5278-0011		304 - 19			
5287-0007		304 - 8			
5287-0014		304 - 1			
53C3971		235 - 25			
53D3970		235			
53D3972		235 - 24			
530CB6230		165			
530CB6244		181			
530CB6254		182 - 17			
530CB6260		166 - 74			
530CB6278		180 - 16			
530CB6287		183 - 21			
530CB6290		179 - 23			
530CB6290		180 - 17			
530CB6959		183			
530CC6241		181			
530CC6252		180			
530CC6259		166 - 77			
530CC6261		166 - 71			
530CC6772		165			
530CC6772		176			
5324088		34 - 61			
5324088-10		34 - 64	M		
5324088-12		34 - 67	M		
5324088-14		34 - 66	M		
5324088-4		34 - 65	M		
5324088-6		34 - 63	M		
5324088-8		34 - 62	M		
5324102		76			
5324102-2		76			
5324102-2		77			
5324102-2		78			
5324102-2		95			
5324102-2		96			
5324103		6A			
5324103		99			
5324103		100			
5324103		101			
5324103		102			
5324103		103			
5324123		157 - 43			
5324128					
533-010-280		169 - 12			
5344389		214 - 50			
5347195-10		59 - 36			
53535		70			
5355026		75			
5355026-10		75 - 49			
5355026-10		75 - 56			
5355026-11		75			
5355026-13		75 - 42			
5355026-14		73 - 23			
5355026-14		75 - 69			
5355026-15		75 - 59			
5355026-16		73 - 24			
5355026-16		75 - 70			
5355026-17		75 - 60			
5355026-18		73 - 25			
5355026-18		75 - 71			
5355026-20		75 - 46			
5355026-21		75			
5355026-22		75 - 45			
5355026-23		75			
5355026-24		75 - 81			
5355026-25		75			

PART NUMBER	VOL.	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	KIT
5355026-26		75 - 53			
5355026-4		6A			
5355026-4		75			
5355026-5		6A			
5355026-5		75			
5355026-6		6A			
5355026-6		75			
5355026-7		75 - 41			
5355026-8		6A			
5355026-8		75			
5355026-9		6A			
5355026-9		75			
5355027-80		75			
5355027-81		75			
5355027-84		9 - 85			
5355027-85		9 - 87			
5355027-88		9 - 84			
5355027-90		9 - 86			
5355069-4		104 - 10			
5355069-5		104			
5355069-500		97 - 42			
5355069-500		99 - 48			
5355069-500		104			
5355069-501		97 - 43			
5355069-501		99 - 49			
5355069-501		104			
5365562		192			
5365562		194			
5365562-1		192			
5365562-1		194			
5365562-10		194			
5365562-12		194 - 33A			
5365562-16		194			
5365562-17		194			
5365562-34		194			
5365562-101		194 -			
5365562-1-102		194 -			
5394275-11		133 - 2			
5394275-13		93 - 8			
5394275-3		107 - 22			
5394347		68			
5394347-11		68 - 15			
5394347-13		68 - 16			
5394347-15					
5394347-17					
5394347-19					
5394347-21					
5394347-23					
5394347-25					
5394347-27					
5394347-29					
5394347-31					
5394347-33		68 - 17			
5394347-35		68 - 18			
5394347-37		68 - 19			
5394347-39		145 - 15			
5394347-39		147 - 24			
5394347-39		149 - 14			
5394347-39		151 - 27			
5394347-39		152 - 19			
5394347-39		152A - 19			
5394347-39		166 - 84			
5394347-41		145 - 16	M		
5394347-41		147 - 25	M		
5394347-41		149 - 15	M		
5394347-41		151 - 28	M		
5394347-41		152 - 20	M		
5394347-41		152A - 20	M		
5394347-41		166 - 85	M		
5394347-43		68			
5394347-45					
5394347-47					
5394347-49					
5394347-9					
5395225-2		156 - 3			
5395225-20		156			
5395225-28		156			
5395225-4		156 - 4			
5395225-6		156 - 5			
54D21419		175 - 24			
54C131111		160 - 7			
54C131112		267 - 6			
54C131113		160 - 27			
54C131114		160 - 26			
54C131150		160 - 17			
54C131161		267 - 4			
54C131188		267 - 43			
54C21416		171			
54D131151		160 - 13			
54D131152		160 - 2			
54D131164		265			
54D131164		266			
54D131164		267			
54D131181		267 - 30			
54D21298		168			
54D21299		165 - 54			
54D21300		165			
54D21304		174			
54D21305		165 - 58			
54D21305		167			
54D21308		187			
54E21550		171			
54H19651		192 - 3			
54H19651		203 - 10			
54H21443		175			
54J131115		160 - 21			
54J21297		168			
5406787-11		6A			
5406787-13		6A			
5406787-15		6A			
5406787-20		6A			
5406787-21		6A			
5406787-3		6A			
5406787-6		6A			
5406787-6		6A			
5406787-8		6A			
5406787-8		6A			
5406787-9		6A			
541		210 - 7			
541A		210 - 6			
54287		155 - 28			
544-7084-003		159A - 11			
544-7092-003		159A - 10			
5450-2100		302 - 1			
5461579		164			
5461579-3		164 - 1			
5461579-33		164 - 3			
5461579-34		164			
5461638		164			
5461638-3		164 - 5			
5461955		164			
5479068		164			
5479068-9		164 - 14			
5482328		153			
5482328		157			
5482328-501		153			
5482328-501		157			
5482557		164			
5482682		153			
5482682-501		153			
5482682-503		153			
5482683-1		153			
5482683-501		153			
5482684		153			
5482839		159			
5482839-3		159 - 18			
5482839-5		159 - 17			
5482958		156			
5482958-15		156 - 35			
5482958-9		156 - 43			
5482980		153			
5482980-17		153 - 44			
5482980-3		153 - 56			
5483086		153			
5483086		157			
5483086-3		157			
5483272		153			
5483540		153 - 30			
5483540		161			
5483540-501		153			
5483540-501		161			
5483602-1		153 - 18			
5483602-1		158			
5483602-501		153			
5483602-501		158			
5483627		153			
5483627		156			
5483627-501		153 - 11			
5483627-501		156			
5483670		153			
5483670		154			
5483670-3		154 - 38			
5484030		153 - 20			
5484030		154			
5484030-501		153			
5484030-501		154			
5484030-503		153			
5484030-503		154			
5484035		153 - 28			
5484035		159			
5484035-501		153			
5484035-501		159			
5484036-1		153			
5484036-1		159			
5484036-501		153 - 29			
5484036-501		159			
5484038		153 - 19			
5484038		154			
5484038-501		153			
5484038-501		154			
5484190		153			
5484319		153 - 40			
5484432		153			
5484475		159			
5484475-3		158 - 19			
5484482		158			
5484482-15		158 - 12			
5484482-17		158			
5484482-3		158 - 11			
5484502		153			
5484502		163			
5484510		153 - 12			
5484510		157			
5484718		153			
5484718		163			
5484778		153 - 13			
5484778		157			
5484822		158			
5485226		153			
5485226		157			
5488549		153			
5488549-3		153 - 25			
5488549-5		153			
5488549-7		153 - 26			
5492073-1		153 - 10			
5492073-1		155			
5492073-11		155			
5492073-3		155 - 19			
5492073-41		155			
5492073-43		155			
5492073-5		155			
5492073-501		153			
5492073-501		155			
5492073-53		155 - 44			
5492073-7		155			
5492073-9		155			
5492118		190			
5492118-23		104 - 2	M		
5492118-27		190 - 7	M		
5492118-29		192	M		
5492118-31		190 - 3	M		
5494529		161 - 22			
5494529-9		161 - 24			
5497982		161			
5497982-17		161 - 19			
55A6127		189 - 11			
55A6127		278			
55A6128		167 - 11A			
55A6128		274			
55B20302		155 - 11			
55B20302		155A - 14			
55B20302		167E			
55B20329		163G - 10			
55B20355-1		152 - 16			
55B20355-1		152A - 16			
55B20355-1		153 - 52			
55B20355-2		152 - 17			
55B20366		163G - 21			
55B20419		155 - 18			
55B20419		155A - 10			
55B20443		155A - 2			
55B20758		163F - 2			
55B20759		163F - 3			
55B20765		163F - 22			
55B20784		155 - 15			
55B20789		152 - 14			
55B20789		152A - 14			
55B20789		153A - 52B			
55B21137		163F - 21			
55B21138L		163F - 13			
55B21138R		163F			
55B21139L		163F - 8			
55B21139R		163F			
55B21140L		163F - 9			
55B21140R		163F			
55B21141		163F - 15			
55B21143		163F - 10			
55B21144		163F - 20			
55B21170		163G - 23			
55B21170		163G - 31			
55B3509		155 - 29			
55B6126		189 - 7			
55B6126		269 - 48			
55B6126		273 - 4			
55B6126		273 - 25			
55B79435		203 - 60			
55C20399		163G - 4			
55C20400		163G - 3			
55C20427		163G - 6			
55C20428		163G - 8			
55C20429		163G - 7			
55C20440		163G - 16			
55C20444		155 - 10			
55C20768		163G - 27			
55C20783		155 - 14			
55C21014		153 - 51			
55C21135		163F - 19			
55C21136		163F			
55C21142		163F			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES: SOURCE	RECOVER	USE
55C21225		168F - 5			
55C3928-1		232 - 38			
55D20395		153 - 46			
55D20950		267 - 7			
55D21081		155 - 45			
55D21189		153 - 60			
55D6432		269 - 50			
55D6432		273 - 27			
55E19600		203 - 56			
55E20335		163G			
55E20393		163E - 11			
55E21145		163F - 18			
55F21161		159 - 35			
55M20432		153 - 29A			
55J131154		153			
55J131154		160			
55J20359		152			
55J20359		152A			
55J20359		152B			
55J20396		153 - 29D			
55J21235		153			
55J21235		159			
550C86060		183 - 1			
5523		88 - 32			
5523		121 - 62			
5523		125 - 13			
554-5D6		93 - 47			
5540-0218		302 - 8			
5540-0224		302 - 5			
557-2		93			
557-4		93 - 11			
559		195 - 20			
559-1		134 - 49			
56A79128		203 - 59			
56C79127L		203 - 61	P1		
56C79127R		203 - 62	P1		
56C809		12 - 20			
56C809		41 - 14			
56D6221		201 - 25			
56D6221		204 - 27			
560832D		165 - 18			
560832D		274 - 3			
560832D		275 - 2			
567-1		264 - 53			
5785071		142			
57B79020-1		189 - 1			
57B79020-2		189			
57D677		194A - 1			
5703022-2					
572-2		134 - 45			
57388PAS		126 - 16			
574225-16		214 - 47			
574229-17		214			
57584		126 - 7			
57584 2		126 - 7			
5862-0007		297 - 2			
5826-0007		297 - 5			
5862-0007		297 - 33			
5862-0007		297 - 42			
5862-0007		297 - 45			
5862-0601		297 - 10			
5862-0601		297 - 13			
5862-0601		297 - 18			
5862-0601		297 - 21			
5862-0605		297 - 7			
5862-0605		297 - 15			
5861-0605		297 - 23			
5862-0605		297 - 25			
5862-0605		297 - 27			
5862-0605		297 - 30			
5862-0605		297 - 37			
5863-0605		297 - 39			
5870222		187G-50			
59		218 - 36			
59		221 - 24			
59B91983		41 - 56			
59B91983		41 - 57			
59B91983		41 - 58			
59B91983		41 - 59			
59B91983		41 - 60			
59B91983		41 - 61			
59B91983		41 - 62			
59B91983		41 - 63			
59B91983		41 - 64			
59B91983		41 - 65			
59B91983		41 - 66			
59B91983		41 - 76			
59B91983		41 - 77			
59B91983-3		41 - 59B			
5900		183 - 27			
59150A		201			
5934GLH		173 - 23			
5952-1/4N		232 - 39			
6		264 - 14			
6		264 - 15			
6		264			
6		266 - 6			
6		266 - 8			
6		266			
6-0312		261			
6-0500		262A			
6-11750-1		177 - 17			
6-4-4-2KST		140 - 51			
6-4-4-2KST		141 - 19			
6-4-4JT-0		141 - 44			
6-4HTD		140 - 36			
6-5HTS		123		M	
6-6-4-4KTD		108 - 32		M	
6-6-4JTD		108			
6-6-6-6KNOOT		132 - 22			
6-6-8MMT-0		110 - 65			
6CT-S		108 - 39			
6CT-S		119 - 29			
6FHM13-1		266 - 55			
6FM13		265 - 34			
6FT		123 - 6			
6FT		123 - 16			
6FT-S		114 - 11			
6FT-S		119 - 12			
6RT-S		110 - 45			
6S		110 - 59			
6S		110 - 63			
60B92049		257 - 6			
60B93500		3 - 31			
		9 - 30A			
60B9550		9 - 28			
60C93029		167D-8			
6018		27 - 32			
6041H144		272			
6059B1 184		280 - 37			
6059B1-4		280 - 39			
6059B1-5		280 - 23			
6059B1-6		280 - 15			
6059B1B10		280 - 2			
6059B1B3-1 2		280 - 38			
6059B1B3-1 2		280 - 40			
6059B1B4		280 - 5			
6059B1B4		280 - 9			
6059B1B4		280 - 16			
60598184		280 - 22			
60598184		280 - 29			
60598184		280 - 38			
60598184		280 - 41			
60598184		280 - 43			
60598184-1/2		280 - 48			
60598184-1/2		280 - 65			
60598185		280 - 8			
60598185		280 - 20			
60598185		280 - 53			
60598185		280 - 63			
60598186		280 - 6			
60598186		280 - 21			
60598188-1/2		280 - 76			
60598189		280 - 52			
60598189		280 - 59			
60598102		280 - 54			
60598102		280 - 67			
60598103		280 - 46			
60598104		280 - 27			
60598104		280 - 35			
60598108-1/2		280 - 49			
60598108		280 - 73			
6059C1C4		280 - 24			
6059C1C4-1/2		280 - 66			
6059D1B4		280 - 18			
6059G2G4		280 - 13			
6059G2J4		280 - 26			
6059H1 1H3		280 - 4			
6059H2H4		280 - 31			
6059H2H5		280 - 60			
6059H2H5		280 - 68			
6059H2H6		280 - 11			
6059H2H6		280 - 69			
6059H2J3		280 - 1			
6059H2J4		280 - 25			
6059H2J4		280 - 55			
6059H2 14		280 - 71			
6059H2 J5		280 - 56			
6059H2 16		280 - 70			
6059H2J6		280 - 79			
6059H2J9		280 - 50			
6059H3H4		280 - 37			
6059J2J1		280 - 51			
6065-6Z		284 - 35A			
6065-6Z		201 - 27A			
6067-8Z		83 - 40			
6067-8Z		225 - 56C			
6067-8Z		226 - 52C			
6083-8Z		238 - 25			
61B43265		105A - 24			
61B43266		105A - 25			
61B43273		105A - 23			
611C		76 - 33			
611C		77 - 2			
614U3A		155A - 4			
614U3A		163D - 6			
618T-3		167D-12			
6191-8Z		27 - 56			
62B44158		117 - 79			
62B44160		46 - 7			
62B44620		163B - 14			
62B44620		163B1 - 11			
62IM4620		167F-10			
62IM4620		167F-25			
62IM4620		167F-53			
62IM4620		167F-79			
62B44620		167F-100			
62B44621		163B- 13			
62B44621		163B1 - 10			
62B44621		167F-11			
62B44621		167F-26			
62B44621		167F-54			
62B44621		167F-80			
62B44621		167F-88			
62B44621		167F-101			
62B44675		163B			
62B44675		163B1 -			
62C43998		163A- 20			
62D43997		163A- 19			
62D44619		163B- 20			
62D44619		167F-1			
62F44019		163A- 23			
620-8516-001		167H - 23			
620-8516-001		167H - 34			
6234-1200S1D-A1		158 - 22			
6242-040		265 - 24A			
6242-040		266 - 45A			
630430B8		79 - 70			
6353A-18		38 - 10A			
637		113			
637		122			
637		214 - 41			
641775		90			
643917		90			
644191		90			
644255		90 - 41			
644256		90			
6477A-0		38 - 10			
6480		18 - 5			
6480		195			
6480		213 - 4			
6480		270 - 278			
6480		284 - 8			
6480		284 - 11			
648011		90			
648039		90			
648080		90			
65AM1006		159A - 3			
65AM1010		159A			
65AM1012		163B1-			
65AM1013		163B1-			
65AM1014		163B1-			
65AM1015		163B1- 4			
65AM1016		163F			
65AM1017		163E			
65AM1018		163E			
65AM1019-3		163F			
65AM1019-4		163F			
65AM1019-5		163F			
65AM1019-6		163F			
65AM1020		163E			
65AM1021-3		163E			
65AM1021-4		163E			
65AM1021		163F			
65AM1026		163A- 3			
65AM1027		163A - 8			
65AM1028		163A - 14			
65AM1029		163A			
65AM1030		163A			
65AM1032		163A - 7			
65AM1033		159A - 7			
65AM1036		163A- 1			
65AM1038		163B			
65AM1038		163B1 -			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	KIT
65AM1041		163D			
65AM1043-3		163B- 9			
65AM1043-6		163E- 17			
65AM1043-7		163D- 3			
65AM1043-8		163C- 18			
65AM1043-9		163A- 28			
65AM1044		163B- 1			
65AM1047		163B1 - 6			
65AM1053		163A			
65AM1055		163B			
65AM1056		163B- 4			
65AM1056		163B- 11			
65AM1056		163B1 - 8			
65AM1056		167F-12			
65AM1056		167F-27			
65AM1056		167F-55			
65AM1056		167F-81			
65AM1056		167F-102			
65AM1059		167F-21			
65AM1059		167F-48			
65AM1059		167F-75			
65AM1059		167F-96			
65AM1060		163C- 4			
65AM1064		163A- 29			
65AM1064		163B- 19			
65AM1064		163B1 - 16			
65AM1067		163C			
65AM1071		163E			
65AM1071		163F			
65AM1073		163E- 21			
65AM1075		163D			
65AM1076		163C			
65AM1077		163B			
65AM1078		163B			
65AM1079		163B			
65AM1080		163B- 7			
65AM1081		163B- 2			
65AM1082		163D- 11			
65AM1083		163D- 8			
65AM1084		163D			
65AM1085		163D			
65AM1086		163D			
65AM1101		163D- 1			
65AM1102		163B			
65A46242		105A - 1			
65A46243		105A - 2			
65A46244		105A - 4			
65A46246		105A - 3			
65A46251		105A - 5			
65A46253		105A - 6			
65A46326		105A - 7			
65A46327		105A - 8			
65A46328		105A - 9			
65A46329		105A - 10			
65A46330		105A - 11			
65A46331		105A - 12			
65A46332		105A - 13			
65A46333		105A - 14			
65A46334		105A - 15			
65A46335		105A - 16			
65A46336		105A - 17			
65A46337		105A - 18			
65A46338		105A - 19			
65A46339		105A - 20			
65A46340		105A - 21			
65A46341		105A - 22			
65A46360		105A - 62			
65A46461		105A - 63			
65B45654		294 - 19			
65B45655		294 - 16			
65B45659		294 - 40			
65B45665		293 - 33			
65B45667		293 - 28			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	KIT

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	KIT

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	USE
65B45669		293 - 26			
65B45677		163B			
65B45678		293 - 50			
65B45681		294 - 32			
65B45690		294 - 33			
65B45691		294 - 34			
65B45692		294 - 35			
65B45693		294 - 37			
65B45694		294 - 36			
65B45699		294 - 29			
65B45719-3		154A-5			
65B45719-4		154A - 5			
65B45730		163C			
65B45951		163C - 5			
65B45952		163C - 3			
65B46001		293 - 4			
65B46238-3		105A - 28			
65B46238-4		105A - 29			
65B46238-5		105A - 27			
65B46347		105A - 31			
65B46348		105A - 32			
65B46351		105A - 33			
65C45661		293 - 37			
65C45662		293 - 39			
65C45663		293 - 48			
65C45666		293 - 43			
65C45695		294			
65C45697		294 - 5			
65C45698		294 - 7			
65C45700		294			
65C45700-3		294 - 4			
65C45708		294			
65C45710		294			
65C45718		163C - 11			
65C46235		105A - 26			
65C46346		105A - 30			
65K46353-3		105A - 34			
65K46337		105A			
6500-244600		99			
651PJ2		183 - 20			
65900		126 - 53			
66PA1240		167B-3			
66PA1386-4		167F-42			
66PA1386-4		167F-70			
66PA1444		167F-61			
66PA1444		167F-90			
66PA2037		167F-16			
66PA2037		167F-43			
66PA2037		167F-71			
66PA2037		167F-92			
66PA2037		167C-1			
66PA4021		167C-2			
66PA4022		167C			
66PA4023		167F-85			
66PA5073		167G-62			
6625-400-3704		266			
6600-380700		166 - 43			
665263-21		292 - 2			
67B45393		292 - 14			
67B45396		292 - 15			
67B45397		292 - 3			
67B45398		292 - 10			
67B45401		292 - 11			
67B45402		292 - 4			
67B45403		292 - 5			
67B45404		292 - 16			
67B45406		292 - 12			
67B45418		292 - 13			
67B45419		292 - 8			
67C45390		292 - 6			
67C45410		292 - 1			
67C45412		292 - 9			
67C45392		292 - 7			
67C45415		292			
67E45417-01		131 - 31			
67F46225-01		131 -			
67F46225-02		33 - 67			
6759-1		232 - 4			
6761		215 - 5			
6780		18 - 21			
6781		176 - 31			
68-701600A		138 - 4A			
68A35550-01		12 - 27			
68B35156-20		244 - 7			
68B40894		245 - 11			
68B40894		253 - 6			
68B40894		194A - 31A			
68C35668-01		291			
68EG1001		293			
68EG1002		294			
68EG1003		294			
68EG1004		289			
68EG1006		288			
68EG1008		288			
68EG1009		294			
68EG1010					

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	USE
68EG1011		292			
68EG1101		289			
68EG1101-1		292 - 17			
68EG1104		294			
68EG1106		291 - 21			
		291			
68EG1106-1		291			
68EG1107		291 - 7			
68EG1107-1		291			
68EG111-1		290			
68EG1111-2		290			
68EG1111-3		290			
68EG1111-4		290 - 27			
68EG1111-5		290			
68EG1111-6		290 - 28			
68EG1111-7		290 - 31			
68EG1111-8		290 - 30			
68EG1113		293			
68EG1113-1		293 - 14			
68EG1113-3		293 - 15			
68EG1117-1		294			
68EG1117		167F-33			
68EG1117		294 - 26			
68EG1123-100		291			
68EG1123-200		291			
68EG1150		289			
68EG1151		289			
68EG1151-1		289 - 39			
68EG1153		294 - 8			
68EG1154		294			
68EG1154-1		294 - 24			
68EG1155		294 - 25			
68EG1155-1		294			
68EG115		289 - 66			
68EG1159		289			
68EG1160		289			
68EG1160-1		289 - 16			
68EG1161-1		292			
68EG1161-10		292 - 25			
68EG1161-3		292			
68EG1161-30		292 - 30			
68EG1162		292			
68EG1162-1		292 - 24			
		292 - 29			
68EG1163		292			
68EG1163-1		292 - 20			
68EG1217		294 - 15			
68EG1219-1		291			
68EG1219-3		291			
68EG1220		294 - 49			
68EG1222		290 - 23			
68EG1250		289 - 58			
68EG1251		289 - 54			
68EG1253-1		289 - 53			
68EG1253-3		289 - 57			
68EG1253-5		289 - 65			
68EG1254-1		289 - 64			
68EG1254-3		289 - 63			
68EG1255-1		289 - 56			
68EG1255-2		289			
68EG1256-1		291 - 41			
		291 - 45			
68EG1256-3		291 - 59			
68EG1256-5		291 - 46			
		289 - 45			
68EG1257-1		289 - 47			
68EG1257-2		289			
68EG1257-3		289 - 46			
68EG1257-4		289 - 45			
68EG1258		289 - 59			
68EG1259		289 - 43			
68EG1260		289 - 40			
68EG1261		291 - 51			
68EG1262		291 - 55			
68EG1263		289 - 55			
68EG1264		289 - 52			
68EG1265		289 - 51			
68EG1266		289 - 50			
68EG1267		289 - 61			
68EG1268		291 - 60			
68EG1269		289 - 22			
68EG1270-1		289 - 38			
68EG1270-2		289 - 36			
68EG1271-1		291 - 38			
68EG1271-3		289 - 10			
68EG1272-1		289 - 48			
68EG1272-3		289 - 49			
68EG1273					
68EG1274		289 - 27			
68EG1275-1		289 - 28			
68EG1275-3		289 - 29			
68EG1277		289 - 3			
68EG1278		293 - 22			
		293 - 19			
68EG1280		291 - 34			
68EG1281-1		288 - 11			
68EG1281-2		288 - 12			
68EG1283-3		288 - 13			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	USE
68EG1283-4		288 - 14			
68EG1283-5		288 - 15			
68EG1283-6		288 - 16			
68EG1283-7		288 - 17			
68EG1283-8		288 - 18			
68EG1283-9		288 - 19			
68EG1283-10		288 - 20			
68EG1284		290 - 34			
68EG1285		290 - 33			
68EG1287-1		290 - 39			
68EG1287-3		290 - 38			
68EG1288-1		291 - 27			
68EG1288-3		291 - 28			
68EG1290-1		291 - 20			
68EG1290-3		291 - 19			
68EG1290-5		291 - 15			
68EG1290-7		291 - 11			
68EG1294		290			
68EG1294-1		290 - 22			
68EG1296-1		290 - 14			
68EG1296-3		290 - 9			
68EG1297		290 - 10			
68EG1298		290 - 5			
68EG1299		290 - 1			
68EG1309-3		288 - 3			
		288 - 5			
68EG1309-5		288 - 4			
		288 - 7			
68EG1310		288 - 10			
68EG1311		288 - 2			
		288 - 6			
		288 - 9			
68EG1312		288 - 8			
68EG1313		288 - 1			
68EG1314		289 - 5			
68EG1317		289 - 7			
68EG1319		291 - 47			
68EG1320-1		291 - 25			
68EG1320-3		291 - 26			
68GM1005		167F-6			
68NC2-82		13 - 22			
68NC2-82		231 - 24A			
68NM62		167S			
6800-156300		93 - 12			
68PA3003-1		194A - 34			
68PA3003-3		194A - 35			
68PA3004-1					
68PA3004-3					
68PA3005		194A 31			
68PA3006-1		194A 20			
68PA3006-2		194A 21			
68PA3007		194A 19			
68PA3008-1		194A 14			
68PA3008-2		194A 15			
68PA3009		194A 30			
68PA3011		194A 32			
68PA3012-1		194A 7			
68PA3012-2		194A 11			
68PA3013		194A 5			
68PA3014		194A 22			
68PA3015-1		194A 36			
68PA3015-2					
68PA3018		194A 23			
6895		136 - 2			
69D3236		9 - 30D			
69EC1000		167B			
69EC1100		167A			
69EC1101		167A			
69EC1102		167A			
69EC1200		167A			
69EC1201		167A			
69EC1300		167A-14			
69EC1301		167A-3			
69EC1302-1		167A-5			
69EC1302-2		167A-16			
69EC1303		167A-17			
69EC1304-1		167A-19			
69EC1304-2		167A-8			
69EC1305		167A-10			
69EC1306		167A-11			
69EC2000		167B			
69EC2101		167B			
69EC2102		167B			
69EC2103		167B			
69EC2104		167B			
69EC2200		167B			
69EC2201		167B-7			
69EC2300		167C			
69EC3000		167C			
69EC3101		167C			
69EC3102		167C			
69EC3103		167C			
69EC3200		167C			
69EC3201		167C			
69EC3202		167C			
69EC3203		167C-5			
69EC3300		167D			
69EC4000					

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES			PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES			PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	USE				SOURCE	RECOVER	USE				SOURCE	RECOVER	USE
69EC4101		167D				69EC7315-2		167G-10				7635343-9		6A			
69EC4102		167D				69EC7316		167G-11				775		211 - 9			
69EC4103		167D				69EC7317-1		167G-16				7760003-38		189 - 82			
69EC4104		167D				69EC7317-2		167G-17				78A23994		183 - 24			
69EC4105		167D				69EC7319		167G-19				782-F1		205 - 39			
69EC4106		167D				69EC7320		167G-18				796-8663-001		167U -			
69EC4107		167D				69EC7321		167G-6				796-8664-001		167U - 10			
69EC4200		167D				69EC7321		167G-23				796-8665-001		167U - 11			
69EC4201		167D				6952-1M		158 - 27				796-8665-002		167U - 21			
69EC4202		167D-10				6980		160				796-8724-001		167V - 69			
69EC4300		167D-1				6981		33 - 66				796-8724-002		167U - 69			
69EC4301		167D-2				69810		267				796-8725-001		167V - 76			
69EC4302		167D-5				7-2738-18		115 4				796-8725-002		167U - 76			
69EC4303		167D				7A5838GR-1A		65 - 81				796-8726-002		167U - 54			
69EC4304		167D-26				7A5838GR-1A		66 - 82						167V - 56			
69EC4305		167D-31				7X7		305 - 6				796-8727-001		167V - 43			
69EC4306		167D-27				7001H		159 - 16				796-8727-002		167U - 61			
69EC4307		167E				7001L		158 - 28				796-8728-001		167V - 63			
69EC5000		167E				7016		161 - 14				796-8728-002		167U - 42			
69EC5101		167E				702		153				796-8735-001		167H -			
69EC5102		167E				702GG4D		140 - 52						167J -			
69EC5103		167E				702GG4D		141 - 20				796-8743-001		167H - 5			
69EC5200		167E				7064		227 - 26						167Q -			
69EC5201		167E				709116-801		167C-8				796-8745-001		167Q - 3			
69EC5202		167E				709149-801		167C-7				796-8751-002		167V - 88			
69EC5203		167E				709150-801		167C-32				796-8752-001		167V - 50			
69EC5204		167E				709151-801		167C-3				796-8752-002		167U - 48			
69EC5205		167E				709226-801		167C-4				796-8753-001		167U - 84			
69EC5206		167E-5				7130641-01		154D - 2						167V - 84			
69EC5300		167E-6				7130642-01		154E - 2				796-8754-001		167N - 2			
69EC5301		167F				7130655-01		154I - 1				796-8754-004		167K - 1			
69EC6000		167F				7130656-10		154I -						167L - 1			
69EC6101		167F				7130657-01		154H - 2				796-8754-005		167K - 2			
69EC6102		167F				7130658-01		154F - 1						167L - 2			
69EC6103		167F				7130659		154H -				796-8754-006		167K - 3			
69EC6104		167F				7130679		154G -						167M - 1			
69EC6105		167F				7130681-01		154E - 4				796-8754-007		167K - 4			
69EC6106		167F				7130682-10		154E - 3						167M - 2			
69EC6107		167F				7130683		154E -				796-8754-012		167H - 10			
69EC6200		167E				7130693-01		154D - 4				796-8754-013		167H - 11			
69EC6201		167E				7130694-10		154D - 3				796-8754-014		167K - 5			
69EC6202		167E				7130695		154E -						167M - 3			
69EC6203		167E				7130916		154B -				796-8754-015		167T - 1			
69EC6204		167E				7130916-01		154B - 3				796-8754-021		167N - 1			
69EC6205		167E				7130916-10		154B - 2				796-8755-001		167V - 12			
69EC6300-1		167F-7				7130922-10		154J - 2						167V - 12			
69EC6300-1		167F-22				7130923-01		154J - 3				796-8755-002		167U - 86			
69EC6300-1		167F-50				7130924-10		154J - 4						167V - 86			
69EC6300-1		167F-76				7130925-10		154J - 5				796-8755-003		167U - 95			
69EC6300-1		167F-97				7130926-10		154J				796-8755-004		167U - 94			
69EC6300-2		167F-8				7130929-01		154J - 1				796-8755-004		167V - 94			
69EC6300-2		167F-23				7130952-10		154C - 1				796-8755-005		167U - 92			
69EC6300-2		167F-51				714E-2		[illegible]-30						167V - 92			
69EC6300-2		167F-77				7149A-8		- 18				796-8755-006		167U - 93			
69EC6300-2		167F-98				715FT4D		42 - 41						167V - 93			
69EC6302		167F-112				715FT4D		138 - 14				796-8755-007		167U - 11			
69EC6303-1		167F-110				715FT4D		140 - 64						167V - 11			
69EC6303-10		167G-48				715GT4D		140 - 48				796-8755-008		167U - 8			
69EC6303-11		167D-24				7151A-18		141 - 17						167V - 9			
69EC6303-2		167D-22				720MT6D		38 - 18				796-8755-009		167U - 9			
69EC6303-3		167D-23				7261K10		141 - 25						167V - 8			
69EC6303-4		167C-13				7265650		264 - 26				796-8755-010		167V - 72			
69EC6303-5		167E-3				7265687		291				796-8755-011		167U - 74			
69EC6303-6		167E-2				73		201 - 22						167V - 74			
69EC6303-7		167G-47				73043		218 - 22				796-8755-012		167U - 71			
69EC6303-8		167G-46				739-10		196						167V - 71			
69EC6303-9		167B-15				7460981-255		213 - 5				796-8755-013		167V - 80			
69EC6304		167F-65				7460981-256		128 - 108				796-8755-014		167U - 82			
69EC6305		167F-37				7460981-418		128 - 10A						167V - 82			
69EC6306		167F-91				7492190-1		6A-				796-8755-015		167U - 79			
69EC6306		167F-108				7492190-2		69						167V - 79			
69EC7000		167G				7492190 501		69				796-8755-016		167V - 59			
69EC7101		167G				7492190-502		69				796-8755-017		167U - 59			
69EC7102		167G				7492190-503		69 - 13						167V - 61			
69EC7104		167G				7492190-504		69 - 11				796-8755-018		167U - 56			
69EC7200		167G				7499319-833		69 - 9						167V - 58			
69EC7201		167G				750F10		198				796-8755-019		167V - 46			
69EC7202		167G				7526		228 - 85				796-8755-020		167U - 67			
69EC7203		167G				7526		264 - 48						167V - 48			
69EC7205		167G				7926		267 - 11				796-8755-021		167U - 64			
69EC7300-1		167G-54				7938		271 - 39						167V - 45			
69EC7300-2		167G-53				7940		173 - 42				796-8755-022		167U - 68			
69EC7300-3		167G-55				7940		264 - 46				796-8755-023		167U - 44			
69EC7301		167G-41				795-10-4-8		269 - 15						167V - 65			
69EC7302-1		167A-22				795-10-4-8		64 - 6				796-8755-024		167V - 53			
69EC7302-2		167A-24				795-10-4-8		65 - 5				796-8755-025		167U - 50			
69EC7303		167G-43				795-9-2-6		66 - 4						167V - 52			
69EC7304		167G-56				79068		242 - 44				796-8755-026		167U - 48			
69EC7305		167G-57				760-16-2-8AF		90						167U - 52			
69EC7314		167G-1				78124		105A - 38						167V - 54			
69EC7315-1		167G-23				7635343-5		264 - 29						167V - 67			
								6A - 17									

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES: SOURCE	CODES: RECOVER	CODES: KIT
796-8755-038		167U - 73			
		167V - 73			
796-8755-039		167U - 81			
		167V - 81			
796-8755-040		167U - 58			
		167V - 60			
796-8755-041		167U - 66			
		167V - 47			
796-8755-042		167U - 10			
		167V - 10			
796-8755-044		167U - 72			
796-8755-045		167U - 80			
796-8755-046		167U - 57			
796-8755-047		167U - 65			
796-8755-048		167U - 45			
796-8755-049		167U - 51			
796-8755-050		167U - 87			
		167V - 87			
796-8755-053		167V - 95			
796-8756-001		167N - 4			
796-8761-001		167N -			
796-8763-001		167K - 14			
796-8764-001		167N - 4			
		167P -			
796-8765-001		167N - 9			
796-8766-001		167N - 24			
796-8767-001		167N - 8			
		167T -			
796-8768-001		167N - 7		R1	
		167S -			
796-8769-001		167T -			
796-8769-002		167T - 6			
796-8770-001		167N - 2			
		167K -			
796-8771-001		167S - 2			
796-8773-001		167R -			
796-8773-002		167R - 3			
796-8774-001		167N - 6			
		167R -			
796-8775-001		167N - 35			
		167V -			
796-8776-001		167N - 1			
		167J -			
796-8777-001		167N - 3			
		167N -			
796-8779-001		167U - 88			
796-8781-001		167N -			
796-8783-001		167N -			
		167N -			
796-8784-001		167N - 13			
796-8785-001		167P - 1			
796-8786-001		167P - 2			
796-8787-001		167N -			
		167T -			
796-8788-001		167N -			
		167T -			
796-8789-001		167N -			
		167Q -			
796-8791-001		167N -			
		167R -			
796-8792-001		167N -			
		167L -			
796-8793-001		167N -			
		167V -			
796-8794-001		167N -			
		167N -			
796-8836-015		167V - 5			
796-8836-016		167V - 3			
796-8836-017		167V - 4			
796-8836-019		167V - 1			
796-8923-001		167V -			
796-8924-001		167N - 38			
		167V -			
8		118 - 16			
8		224 - 72			
8		264 - 16			
8		266 - 5			
8		272 - 98			
8-07-S		114 - 27			
8-245-19		141			
8-4-3RTD		89 - 19			
8-4-4RT-D		144 - 13			
8-4-4RT-D		148 - 11			
8-4-4RT-D		150 - 39			
8-4-8JT-NS		110			
8-4-8JT-S		110 - 18			
8-4FTD		89 - 29			
8-4FTD		89			
8-4PTD		144 - 29			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES: SOURCE	CODES: RECOVER	CODES: KIT
8-4FTD		150 - 20			
8-6-4RT-NS		110 - 37			
8-6-4RT-S		110			
8-6-6RST-S		114 - 5			
8-6-8-6KROT		114 - 19			
8-6-8JT-S		114 - 21			
8-6-8RT-D		110 - 60			
8-6-8ROTNS		114 - 41			
8-8-4-6KST-D		108 - 33			
8-8-4-6KOT-S		114 - 2			
8-8-4JTD		108 - 68A			
8-8-4OTD		221 - 8			
8-8-6-6KSST		114 - 28			
8AGVDD-D		110 - 62			
8AN39FAAL		267 - 23			
8CCCT-D		90 - 6			
8CCT-D		89 - 59			
8CCT-S		118 - 15			
8CT-S		108 - 9			
8CT-S		110 - 51			
8CT-S		114 - 26			
8CT-S		213 - 22			
8CT45S		117 - 4			
8DN4ACA		267 - 8			
8FT-S		110 - 61			
8FT-S		114 - 35			
8FT-S		118 - 14			
8FTS		110 - 36			
8GVFT		114 - 34			
8GVHT		114 - 3			
8HT-S		110 - 4			
8TJ9P00		93 - 32			
8T308		65 - 14			
8T308		66 - 12			
800-244-12		294			
800797		304 - 22			
811-4FNT		108 - 31			
811ST8-1		110 - 69			
818-8D		123 - 40A			
8201		145 - 38			
8201		147 - 45			
8201		149 - 36			
8201		269 - 38			
8201		272 - 9			
8201		272			
8201		272 - 19			
8201		272 - 25			
8201		273 - 11			
8210		271 - 8			
8210		274 - 48			
8211		271 - 5			
8212		274 - 50			
8212		275 - 8			
8269		277 - 17			
83-1R		161 - 24			
83001-2		99			
838-2		95 - 28			
840396		221 - 40			
840447		297 - 48			
840472		298 - 3			
840929		297 - 46			
840929		298			
8410		277 - 18			
8411K1		278 - 16			
843917		300 - 4			
845-1		202 - 34			
845-1		204 - 24			
8459-75210-1		107A			
8459-75210-2		107A			
8459-75215-1		107A - 22			
8459-75215-2		107A			
8459-75215-3		107A - 21			
8459-75215-4		107A			
8459-75215-5		107A - 20			
8459-75215-6		107A			
8459-75215-7		107A - 18			
8459-75215-8		107A			
8459-75215-9		107A - 19			
8459-75215-10		107A			
8459-75215-11		107A - 17			
8459-75215-12		107A			
8459-75215-13-100		107A - 16			
8459-75215-14-100		107A			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES: SOURCE	CODES: RECOVER	CODES: KIT
8459-75215-15-100		107A - 15			
8459-75215-16-100		107A			
8459-75215-17		107A - 10			
		107A - 12			
8459-75215-19-100		107A - 13			
8459-75215-20-100		107A			
8459-75215-21		107A - 11			
8459-75215-22		107A			
8459-75215-23		107A - 9			
8459-75215-24		107A			
8459-75215-25		107A - 7			
8459-75215-26		107A			
8459-75215-27		107A - 6			
8459-75215-28		107A			
8459-75215-29		107A - 5			
8459-75215-30		107A			
8459-75215-33		107A - 8			
8459-75215-34		107A			
8459-75215-35		107A - 3			
8459-75215-36		107A			
8459-75215-37		107A - 2			
8459-75215-38		107A			
8459-75215-40		107A - 4			
8459-75215-41		107A			
8459-75212-42		107A - 14			
8459-75215-43		107A			
8459-75220-1		107B			
8459-75220-2		107B			
8459-75225-1		107B - 26			
8459-75225-2		107B			
8459-75225-3		107B - 25			
8459-75225-4		107B			
8459-75225-5		107B - 10			
		107B - 12			
		107B - 24			
8459-75225-7		107B - 22			
8459-75225-8		107B			
8459-75225-9-100		107B - 14			
8459-75225-10-100		107B			
8459-75225-11		107B - 20			
8459-75225-12		107B			
8459-75225-13-100		107B - 16			
8459-75225-14-100		107B			
8459-75225-15		107B - 4			
8459-75225-16		107B			
8459-75225-17		107B - 9			
8459-75225-18		107B			
8459-75225-19		107B - 18			
8459-75225-21		107B - 2			
8459-75225-22		107B			
8459-75225-23		107B - 3			
8459-75225-24		107B			
8459-75225-25		107B - 23			
8459-75225-26		107B			
8459-75225-27		107B - 21			
8459-75225-28		107B			
8459-75225-29		107B - 19			
8459-75225-30		107B			
8459-75225-31		107B - 17			
8459-75225-33		107B - 7			
8459-75225-35-100		107B - 15			
8459-75225-36-100		107B			
8459-75225-37-100		107B - 13			
8459-75225-38-100		107B			
8459-75225-39		107B - 11			
8459-75225-40		107B			
8459-75225-41		107B - 8			
8459-75225-42		107B			
8459-75225-43		107B - 6			
8459-75225-44		107B			
8459-75225-45		107B - 5			
8459-75225-46		107B			
8459-75225-47		107B - 1			
8460K2		211 - 23			
8460K3		211 - 12			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES: SOURCE	CODES: RECOVER	CODES: RIT
8480K4		268 - 45			
85-2		177 - 2			
8621		214 - 21			
87		4 - 71			
87		814- 39			
8701		163			
8701		163			
870271		190 - 12			
871621		303 - 40			
871621		304			
875732		293 - 1			
875905		302 - 9			
87751		168 - 74			
88245		159A - 6			
88245		167B - 10			
8873K1		268 - 66			
8873K1		271 - 22			
8873K1		271 - 42			
890		293 - 3			
890404-0130		297 - 34			
890470		291			
8905K515		274 - 41			
8905K559		274 - 18			
8916K504		274 - 17			
894704		301 - 12			
894704		302			
9-0251		64 - 16			
9-10831		67 - 3			
9-196-650		177 - 20			
9-5177		177 - 15			
9-5904-4		185 - 12			
9B01001		299 - 8			
9B01022-1		303 - 15			
9B01022-2		303 - 16			
9B01023		303 - 14			
9B01024		301 - 14			
9B01028		296 - 13			
9B01029		300 - 1			
9B01033		296 - 9			
9B01063		303 - 35			
9B01067		296 - 8			
9B01068		303 - 34			
9B01074		303 - 30			
9B01081		303 - 7			
9B01084		308 - 14			
9B01093		305 - 5			
9C01017-1		299 - 18			
9C01017-2		299 - 19			
9C01020-1		301 - 16			
9C01020-2		301 - 21			
9C01021		303 - 20			
9C01026		296 - 15			
9C01034		296 - 3			
9C01039		301 - 8			
9C01069		303 - 36			
9C01070		303 - 38			
9C01076-1		297 - 43			
9C01076-2		297 - 38			
9C01076-3		297 - 36			
9C01077-1		297 - 29			
9C01077-1		297 - 31			
9C01077-10		297 - 19			
9C01077-11		297 - 40			
9C01077-2		297 - 28			
9C01077-3		297 - 8			
9C01077-4		297 - 3			
9C01077-5		297 - 6			
9C01077-6		297 - 26			
9C01077-7		297 - 24			
9C01077-8		297 - 11			
9C01077-8		297 - 16			
9C01077-8		297 - 22			
9C01077-9		297 - 14			
9C01082		300 - 11			
9C01085		305 - 10			
9C01090		306 - 3			
9D01002		299 - 20			
9D01004		299 - 22			
9D01018		299 - 10			
9D01042		299 - 13			
9D01056		299 - 5			
9D01056		300			
9D01065		296			
9D01066		296 - 1			
9D01071		303			
9D01073		303 - 37			
9D01087		305 - 7			
9D01089		306 - 1			
9E01030-1		301 - 1			
9E01030-2		301 - 6			
9E01030-3		301 - 7			
9E01040		296 - 11			
9E01057		297			
9E01083		305			
9E01091		295 - 6			
9E01091		305			
9E01092		295 - 7			
9E01092		306			
9JC1025		296 - 16			
9J01050		299 - 11			
9J01050-10		299			
9J01050-11		299			
9J01052		295 - 4			
9J01052		301			
9J01054-1		295 - 3			
9J01054-1		299			
9J01054-2		295			
9J01054-2		299			
9J01055		305 - 17			
9J01056		303			
9J01059		289 - 8			
9J01061		295 - 1			
9J01061		296			
9000		255 - 28			
9240		232 - 35			
9226		217 - 41			
9226		217 - 44			
9226		217 - 47			
92433		184 - 32			
93		197 - 25			
93		265 - 42			
9301-708		163			
9301-70870A		163 - 13			
9303-3		153 - 99			
94-27321		264 - 1			
94-27321		266 - 1			
94-27348		147 - 14			
94-27348		149 - 7			
94-27355		149 - 21			
94-27368		235 - 20			
94-27368		238 - 5			
94-27368		238 - 49			
94-27368		242 - 33			
94-27402		143 - 75			
94-27825		143 - 44			
94-27874-8		142 - 68			
94-27920		90 - 18			
94-27949		145 - 22			
94-27952		149 - 3			
94-27957		147 - 13			
94-27957		149 - 4			
94-27957A		149 - 6			
94-27967		149 - 8			
94-27970		149 - 2			
94-27971		149 - 28			
94-27971-8		151 - 40			
94-27971B		152 - 27			
94-32197		264 - 35			
94-32204		263 - 12			
94-32204		277 - 41			
94-32259C		264 - 53			
94-32264		272 - 2			
94-32266		273 - 26			
94-32276		278 - 48			
94-32278		263 - 14			
94-32284		275 - 13			
94-32288		265 - 43			
94-32294-4		266 - 26			
94-32294A		264 - 40			
94-323248		277 - 38			
94-323248		278 - 38			
94-32352		265 - 22			
94-32352		272 - 74			
94-32357		264 - 43			
94-32357		270 - 4			
94-32357		270 - 19			
94-32366		272 - 1			
94-32372		272 - 71			
94-32374		268 - 73			
94-32374		272 - 3			
94-32376		264 - 49			
94-32376		271 - 15			
94-32424A		263 - 59			
94-32428		155 - 51			
94-32428		264 - 35			
94083		98 - 27			
94084		98			
9452		63 - 18			
9550-16-33-1/4		59 - 30			
9550-24-27-1/2		59 - 34			
9556-24-15-3/8		107 - 24			
97607-101		167B -9			
97733-100		167B -17			
97765		195 - 37			
97765		201 - 32			
97765		202 - 20			
97765		214 - 23			
980018-160		58 - 6			
981557		183 - 49			
98292-1-090		283 - 42			
97607-101		159A - 4			
97733-100		159A - 1			
98293-3-270		184 - 54			
99517		201 - 1			
99785-2		184			
99785-2		237 - 28			
99785-2		240 - 47			
99785-2		241 - 77			
99797		41 - 7			
99797		42 - 24			
99797C130		16 - 36			
99797P098		198 - 7			
99798-1-130		41 - 3			
99799		16 - 33			
99799		41 - 2			
99799		198 - 5			
99808		237 - 32			
99808		240 - 51			
99808		241 - 81			
99833C		283 - 43			
99833C130		12 - 15			
99834-1-080		12 - 13			
99836		12 - 14			
99836		283 - 41			
99871P098		184 - 36			
AAF40B887-012A020-16		108-66A			
AAF40B887-014A022-16		108-66A			
AAF40B887-014C022-16		62-59			
AAF40B887-016C024-20		123-3			
B1000759-120-1516		204-37			
B1034397-16-1875-024		107-47			
B1080930-08D064-426		90-70			
B1108310-316-2000		220-27			
B1108310-316-1500		220-34			
B1108310-316-1900		220-41			
B1108310-316-2008		220-47			
B1108310-316-2800		220-43			
B1108310-316-3116		220-30			
B1108310-316-4328		220-32			
B1111908-216-220-188		119-15			
B143908-000B006-005		118-21			
B143908-000B006-010		112-31			

PART NUMBER	VOL	FIGURE AND INDEX NUMBER	CODES		
			SOURCE	RECOVER	USE
S143908-000B006-020		112-21			
S143908-000B006-040		112-21			
S143908-000B006-125		112-21			
S143908-005R010-010		112-17			
S143908-005R010-018		112-17			
S143908-005R010-022		112-17			
S143908-006D024-040		214-18			
S143908-006SR018-062		15-43			
S143908-006SR018-062		37-5			
S143908-006SR018-062		37-12			
S143908-006SR018-062		37-27			
S143908-006TC012-040		111-8			
S143908-006V021-093		113-7			
S143908-008D018-128		121-80B			
S143908-008D104-031		107-44			
S143908-008D112-125		121-44			
S143908-008S116-064		102-6A			
S143908-011D016-065		222-44			
S143908-011D017-065		222-28			
S143908-011D017-055		222-30			
S143908-011D022-065		222-42			
S143908-012S028-125		6A-			
S143908-012S028-125		129-62			
S143908-013R024-010		112-13			
S143908-014S030-125		6A-			
S143908-014S030-125		129-61			
S143908-016C024-032		113-13			
S143908-016C024-032		122-5			
S143908-016SR022-094		112-41			
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