

★
T.O. 1C-124A-2A
(Formerly Section X,
AN 01-40NVA-2)

HANDBOOK
MAINTENANCE INSTRUCTIONS
WIRING DATA SUPPLEMENT

USAF SERIES
YC-124
C-124A
AND
C-124C
AIRCRAFT

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T.O. 1C-124A-2A

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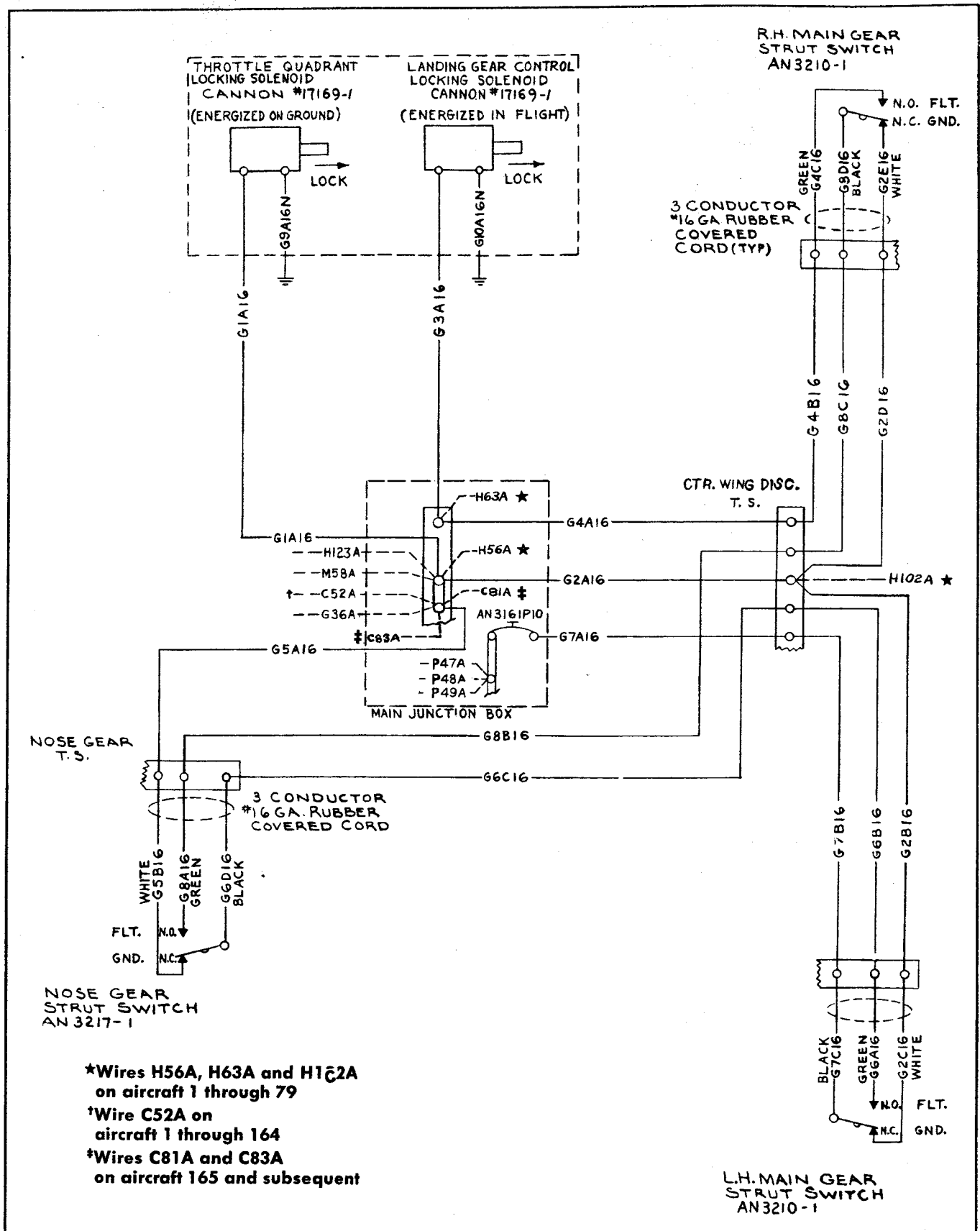


Figure 57. Alighting Gear Safety Switches and Throttle Quadrant Lock (Aircraft 1 through 214)

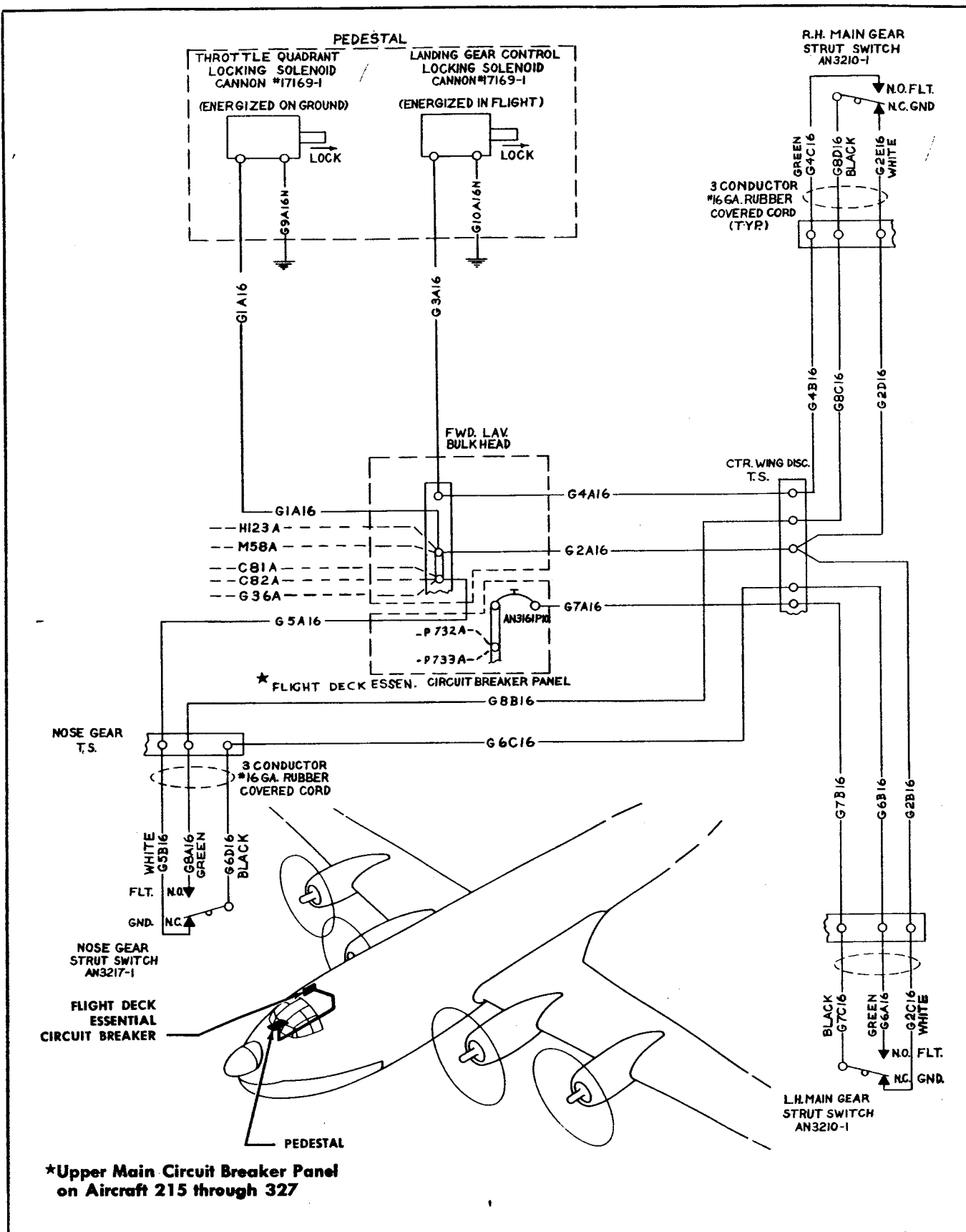
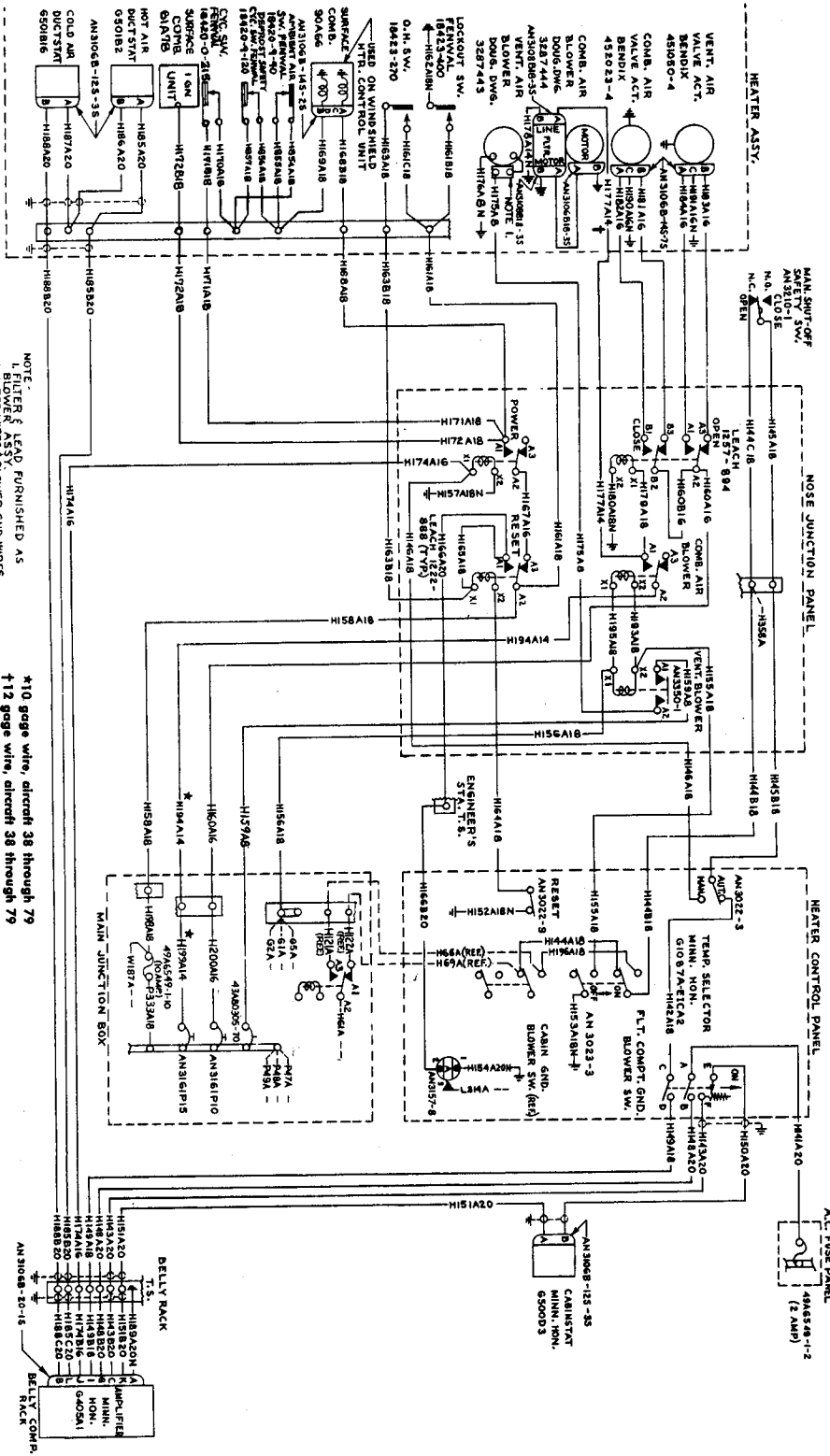
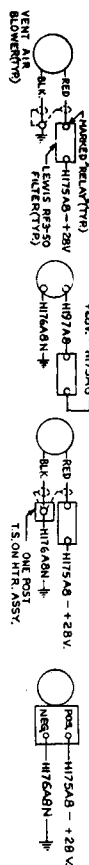


Figure 58. Alighting Gear Safety Switches and Throttle Quadrant Lock (Aircraft 215 and Subsequent)



Figure 72C. Heater – Flight Compartment (Aircraft 1 through 29)

ALTERNATE VENT AIR BLOWER CIRCUITS -



NOTE:
1. FILTER & LEAD FURNISHED AS
2. BLOWER ASSY. LOWER GND WIRES
3. MUST BE WIRING SHORT & DIRECT AS
POSSIBLE.

*10 gage wire, aircraft 38 through 79
†12 gage wire, aircraft 38 through 79

Figure 72D. Heater - Flight Compartment (Aircraft 30 through 79)

Figure 73 deleted.

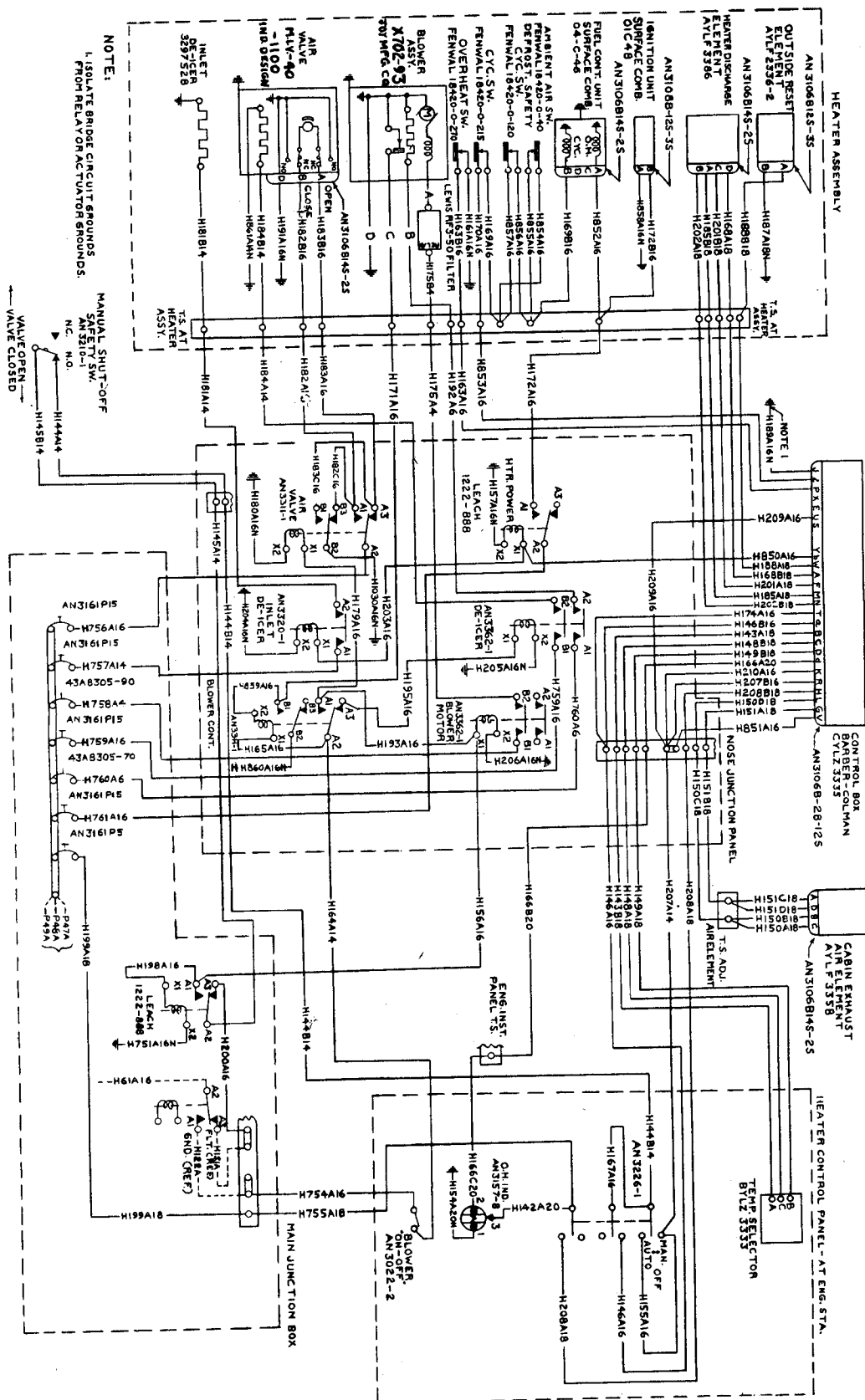


Figure 74. Heater - Flight Compartment (Aircraft 80 through 164)





06

- NOTE:
 ISOLATE BRIDGE CIRCUIT GROUNDS FROM
 RELAY OR ACTUATOR GROUNDS.
 1 SEE ALIGHTING GEAR SAFETY SWITCHES
 2 SEE THROTTLE QUADRANT LOCK
 3 SEE HEATER-ANTI-ICER
 4 SEE TAIL ANTI-ICER
 5 SEE HEATER-FLIGHT COMPARTMENT
 6 SEE D-C FEEDER SYSTEM

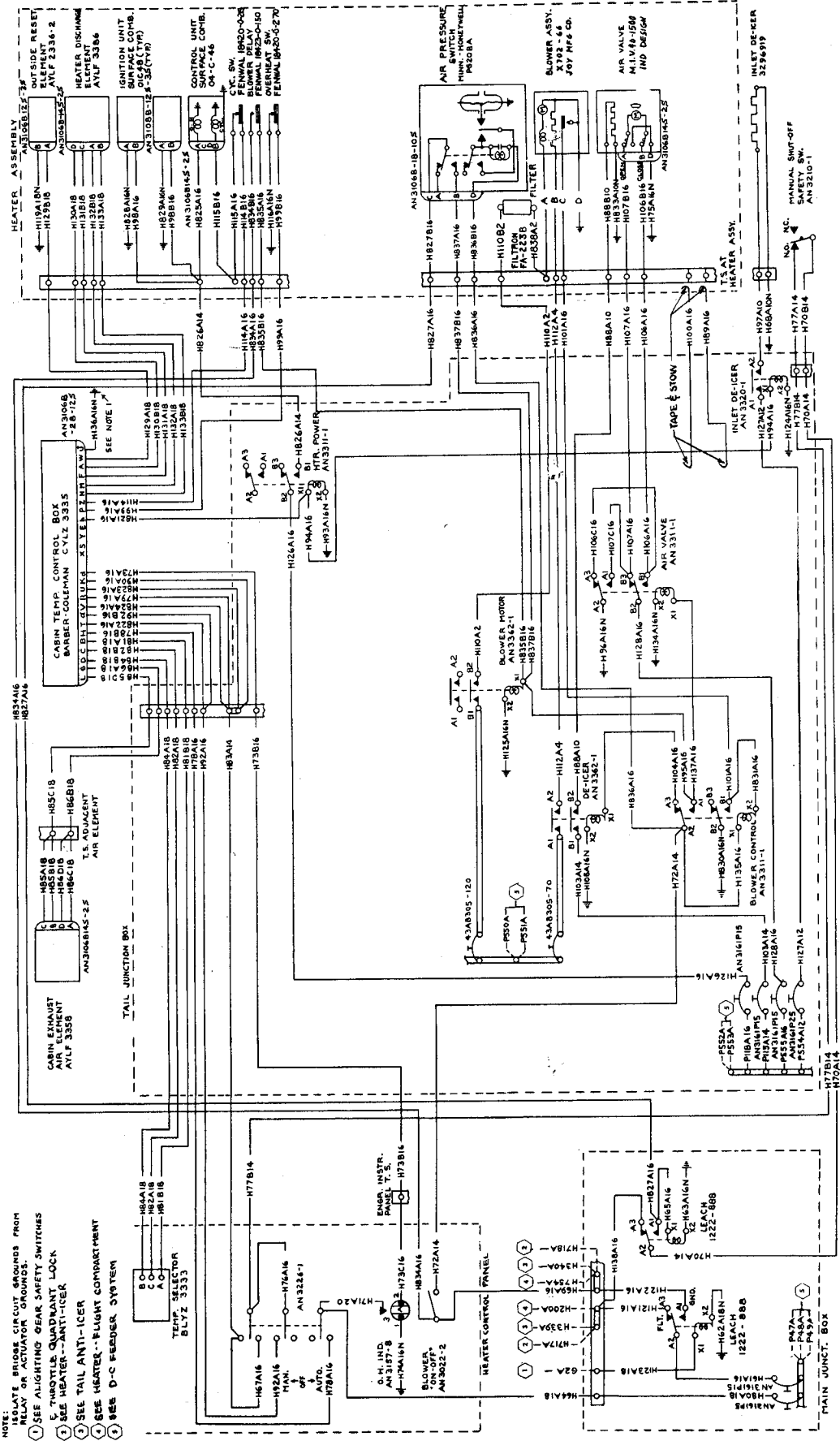


Figure 85. Heater - Cabin (Aircraft 115 through 129)



Revised 1 April 1954

Figure 112A deleted.



Revised 15 January 1955

118A

Revised 15 January 1955

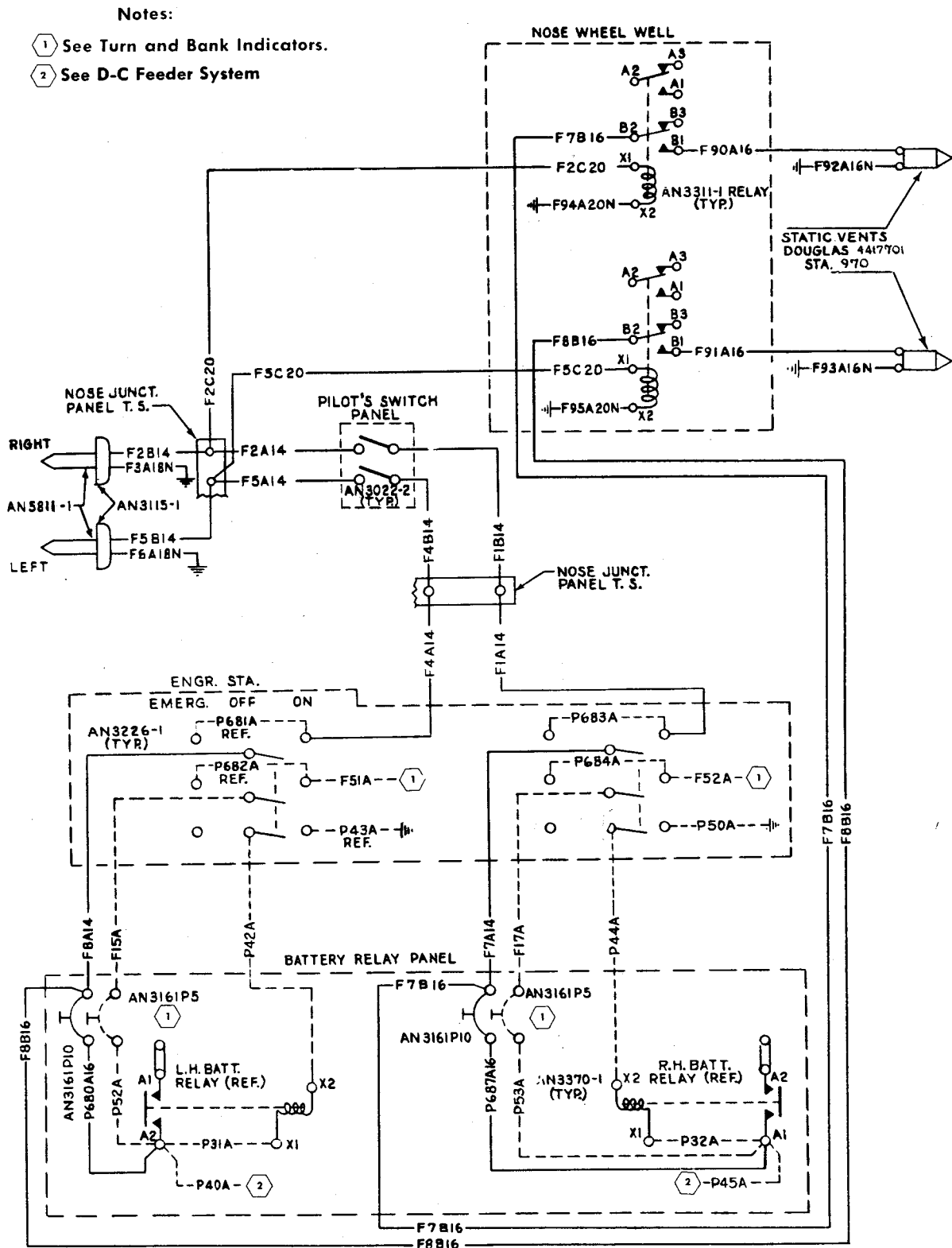


Figure 125A. Heater - Pitot Tube (Aircraft 1 through 164)

10,550

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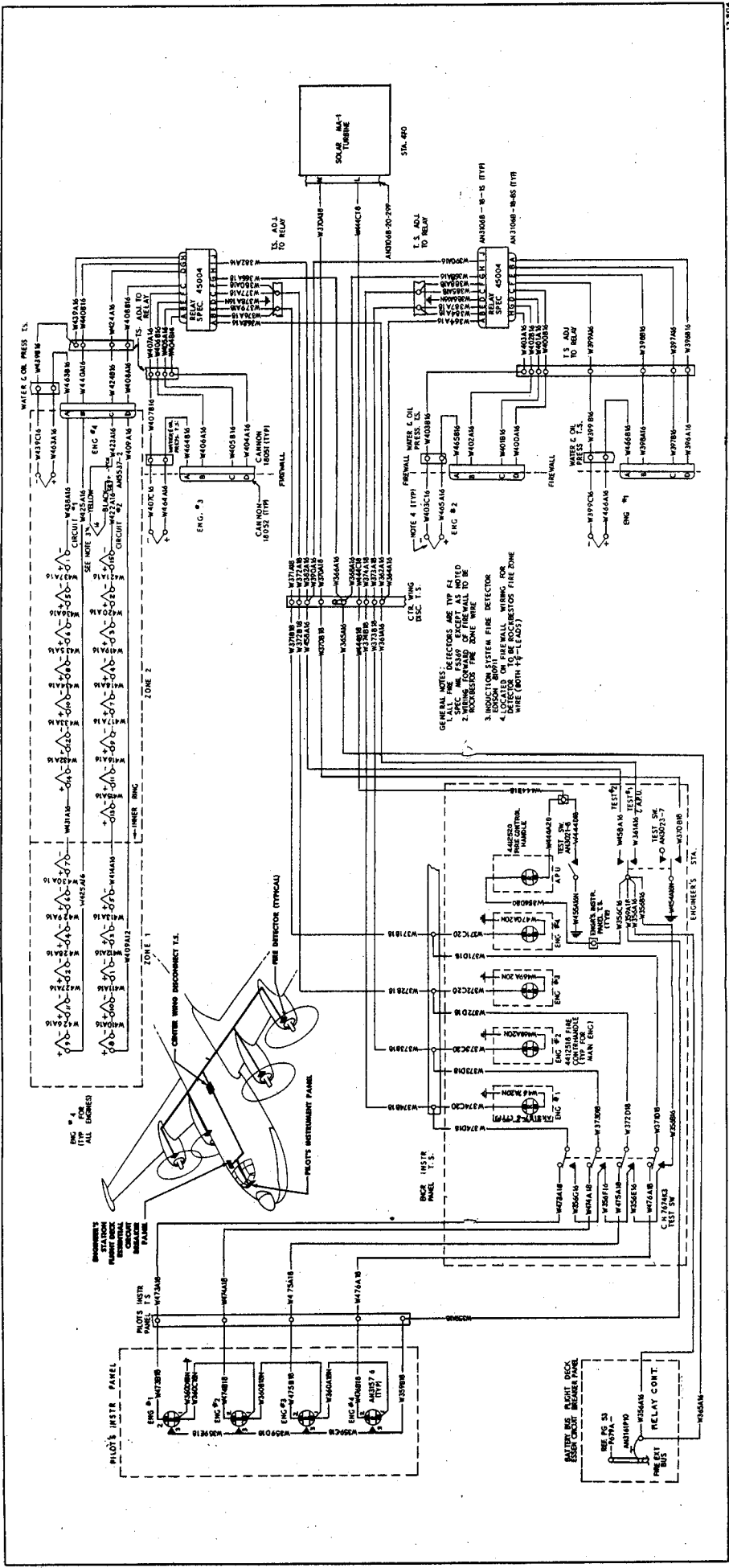


Figure 147. Fire Detectors - Engine and Auxiliary Power Plant (Aircraft 328 and Subsequent)



Figure 147A. Detectors — Generator and Alternator Overheat (Aircraft 422 and Subsequent,

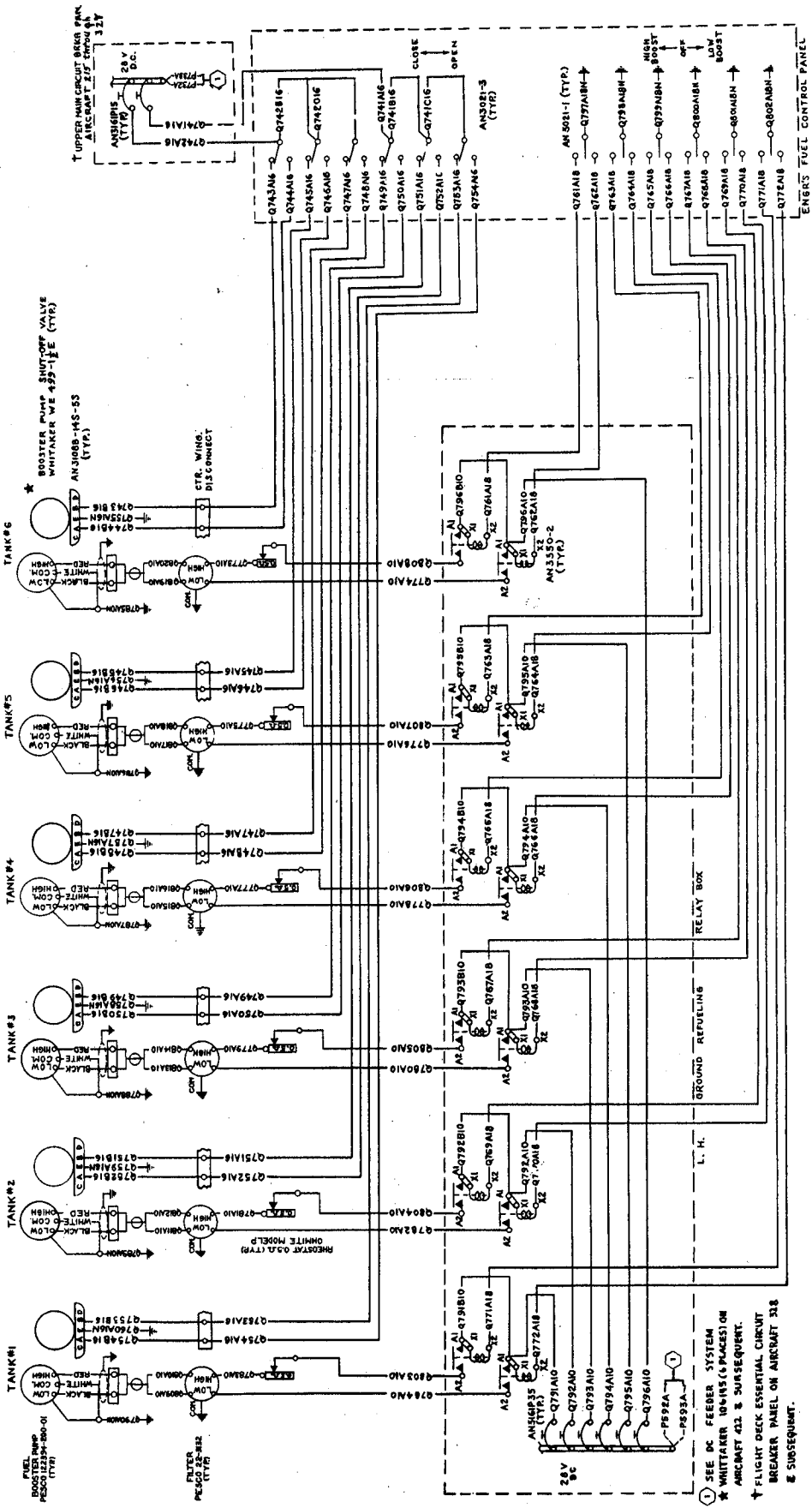


Figure 165. Fuel Booster Pump (Left Wing) (Aircraft 215 and Subsequent)

Figure 166 Deleted.

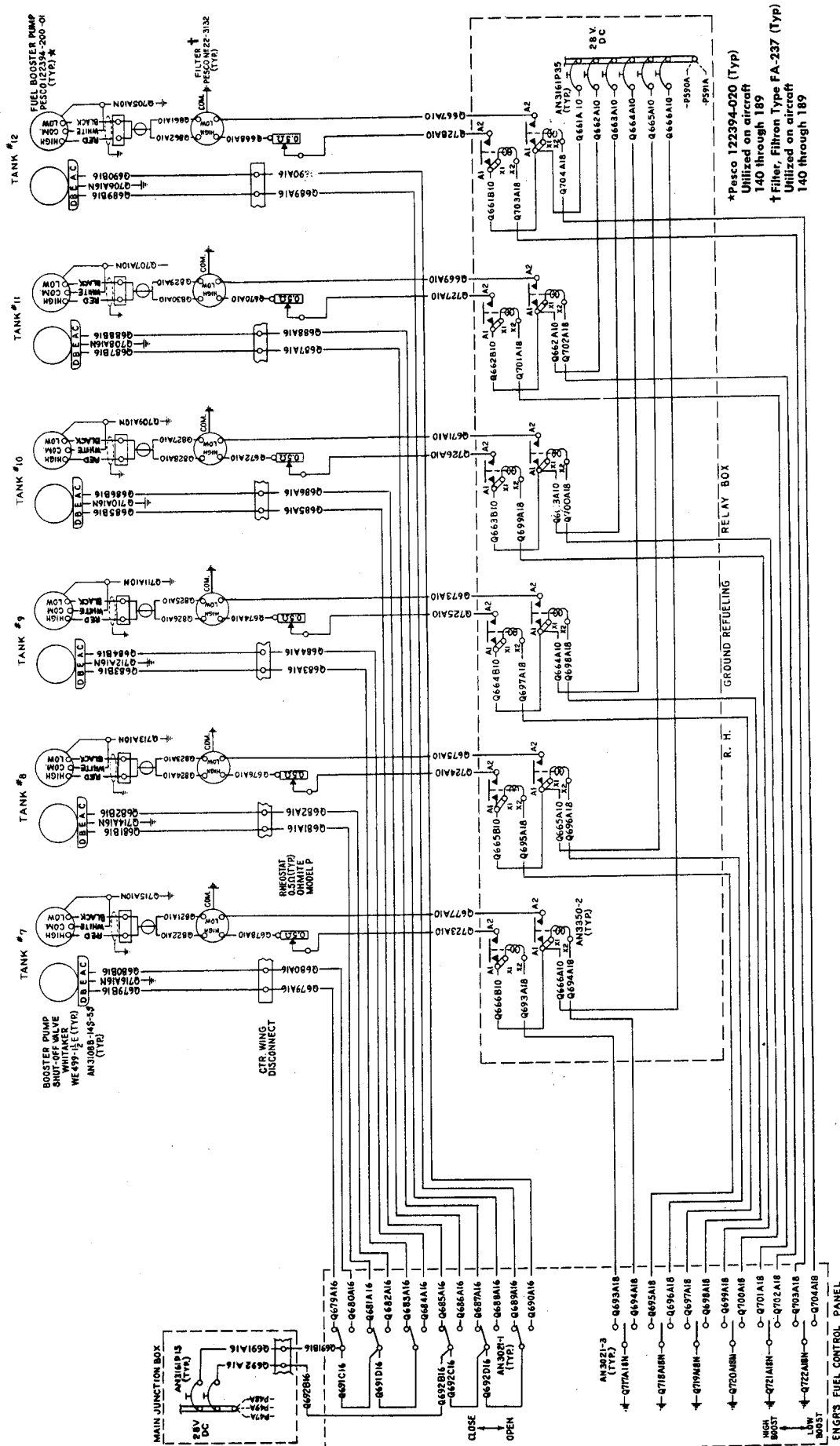


Figure 167. Fuel Booster Pump (Right Wing) (Aircraft 140 through 214)

Revised 1 July 1954

★Whitaker 106145 (typ) on aircraft 422 and subsequent

328 and subsequent



Figure 168. Fuel Booster Pump (Right Wing) (Aircraft 215 and Subsequent)

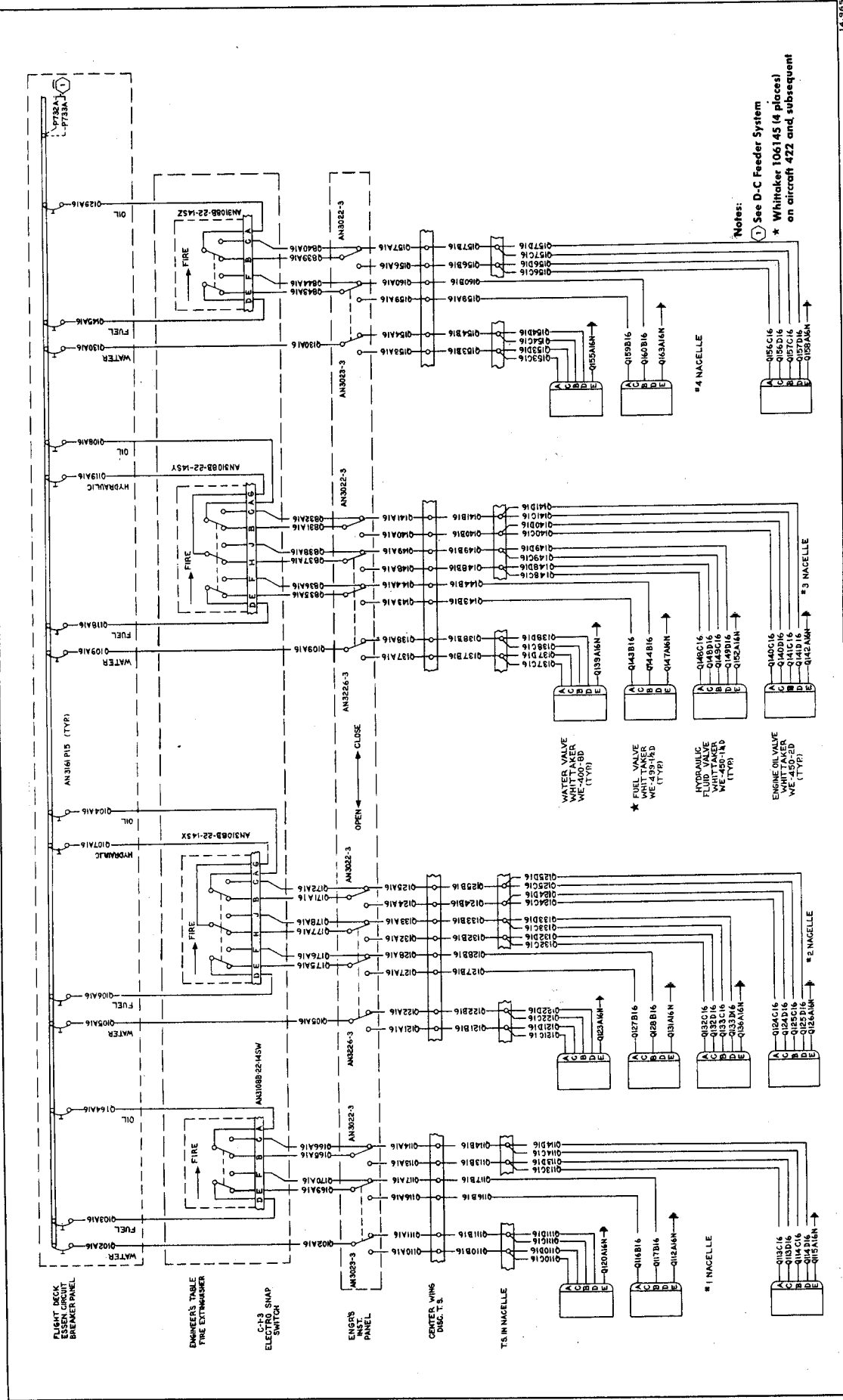


Figure 179A. Firewall Shutoff Valves (Aircraft 360 and Subsequent)

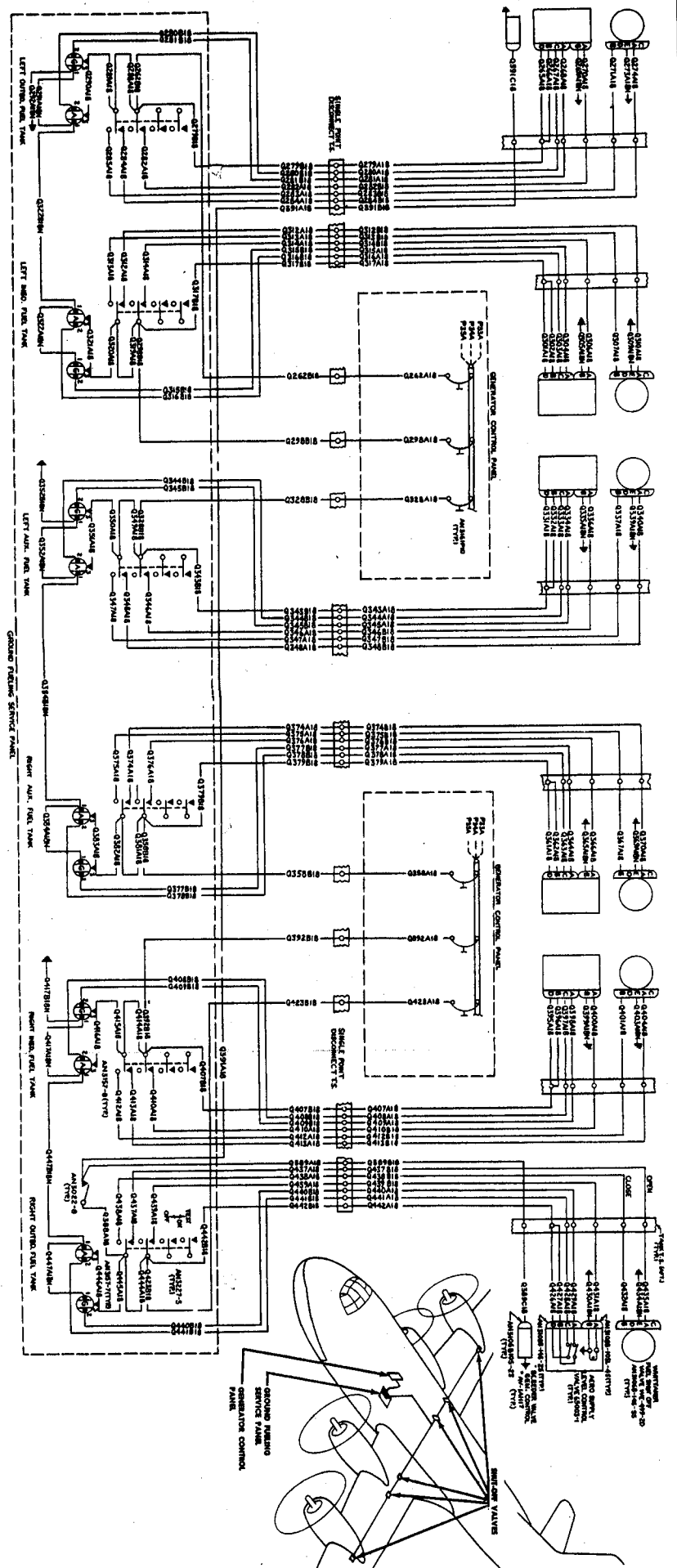
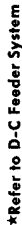


Figure 180. Fuel System - Single Point (Aircraft 80 through 139)



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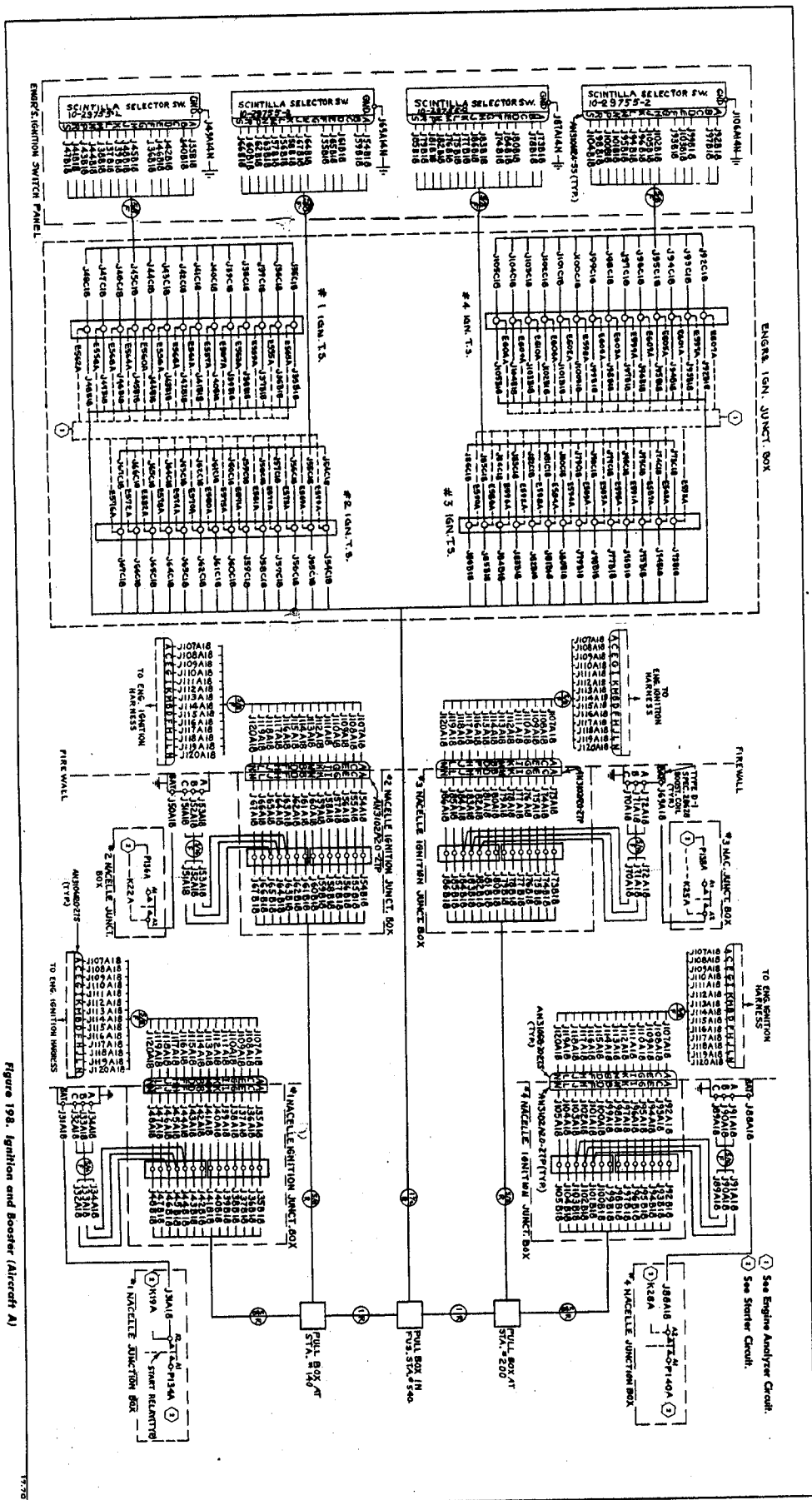


Figure 198. Ignition and Booster (Aircraft A)



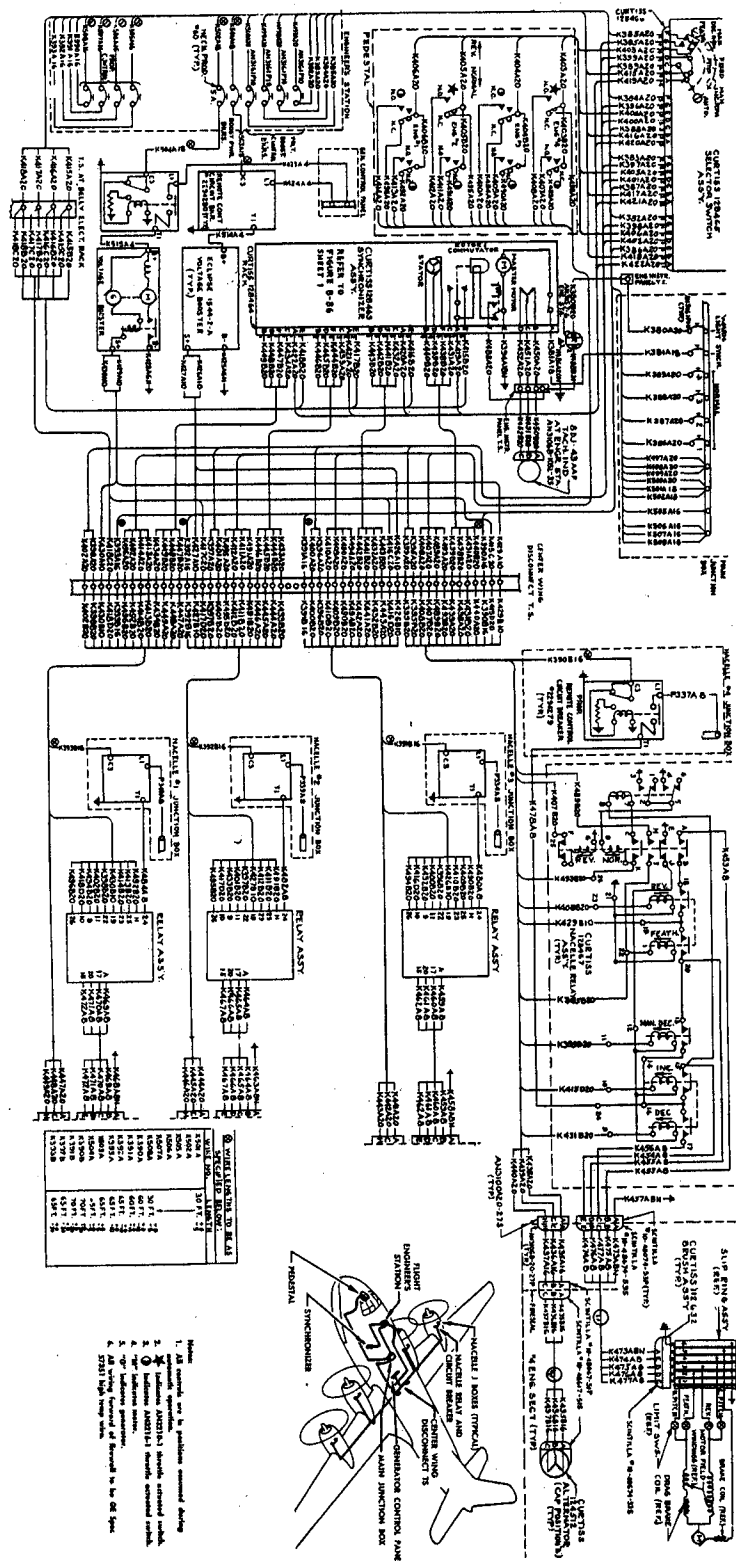
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Figure 205. Propeller Control (Aircraft 1 through 29)

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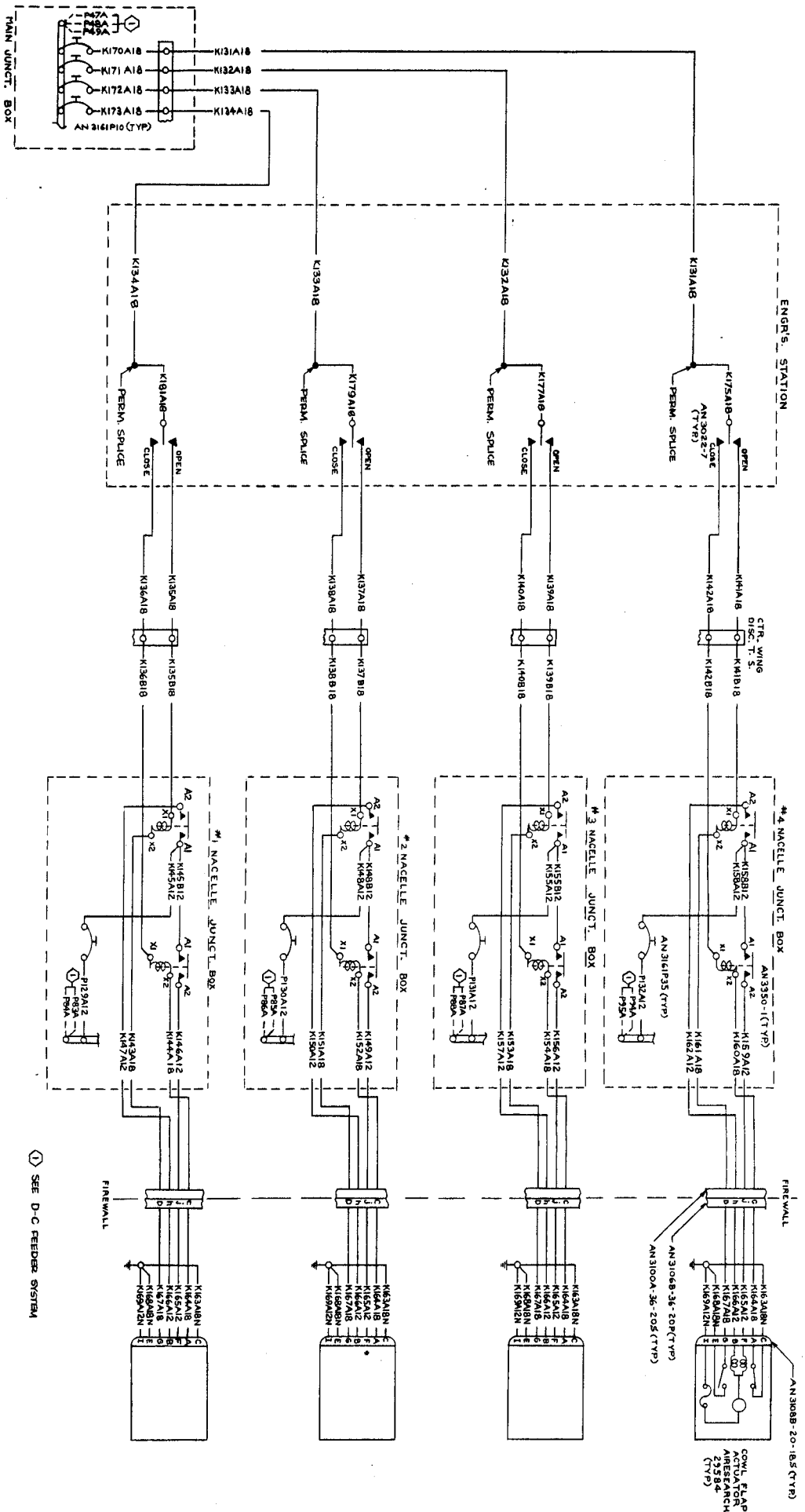


Figure 213. Cowl Flap Control (Aircraft 165 through 183)

revised 15 January 1955

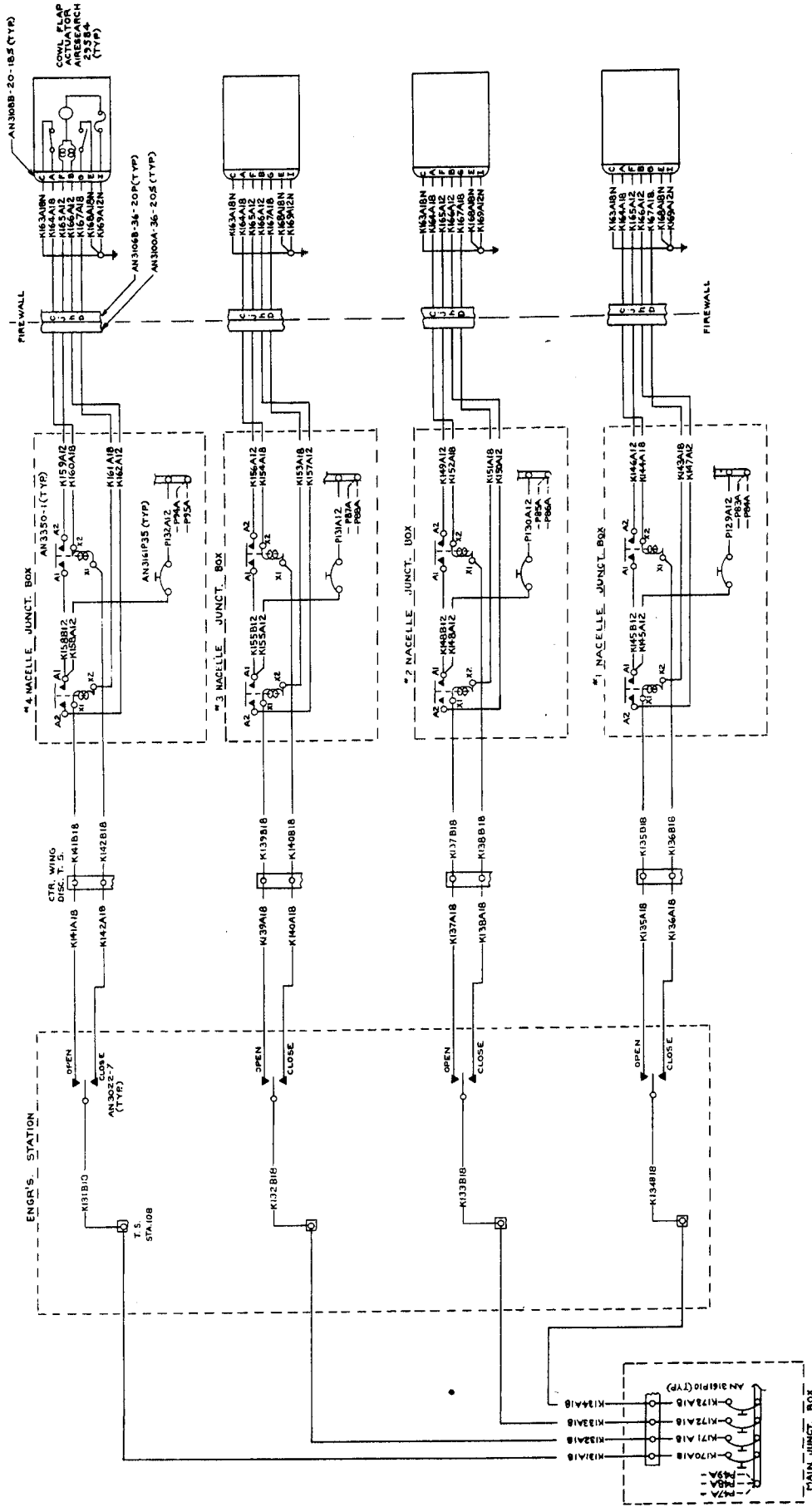


Figure 214. Cowl Flap Control (Aircraft 184 through 214)

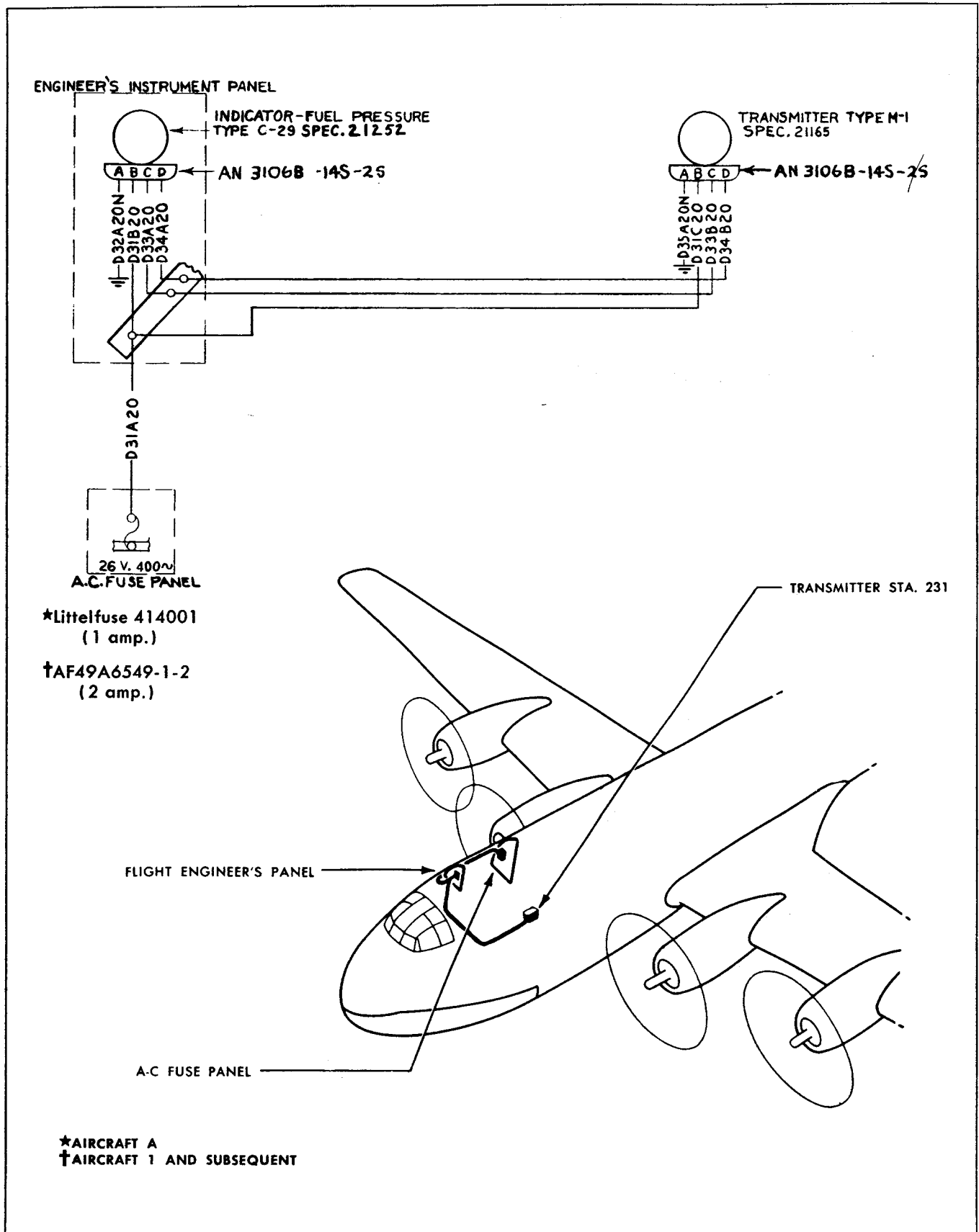


Figure 221. Fuel Pressure - Combustion Heater (Aircraft A through 139 and 205 through 214)

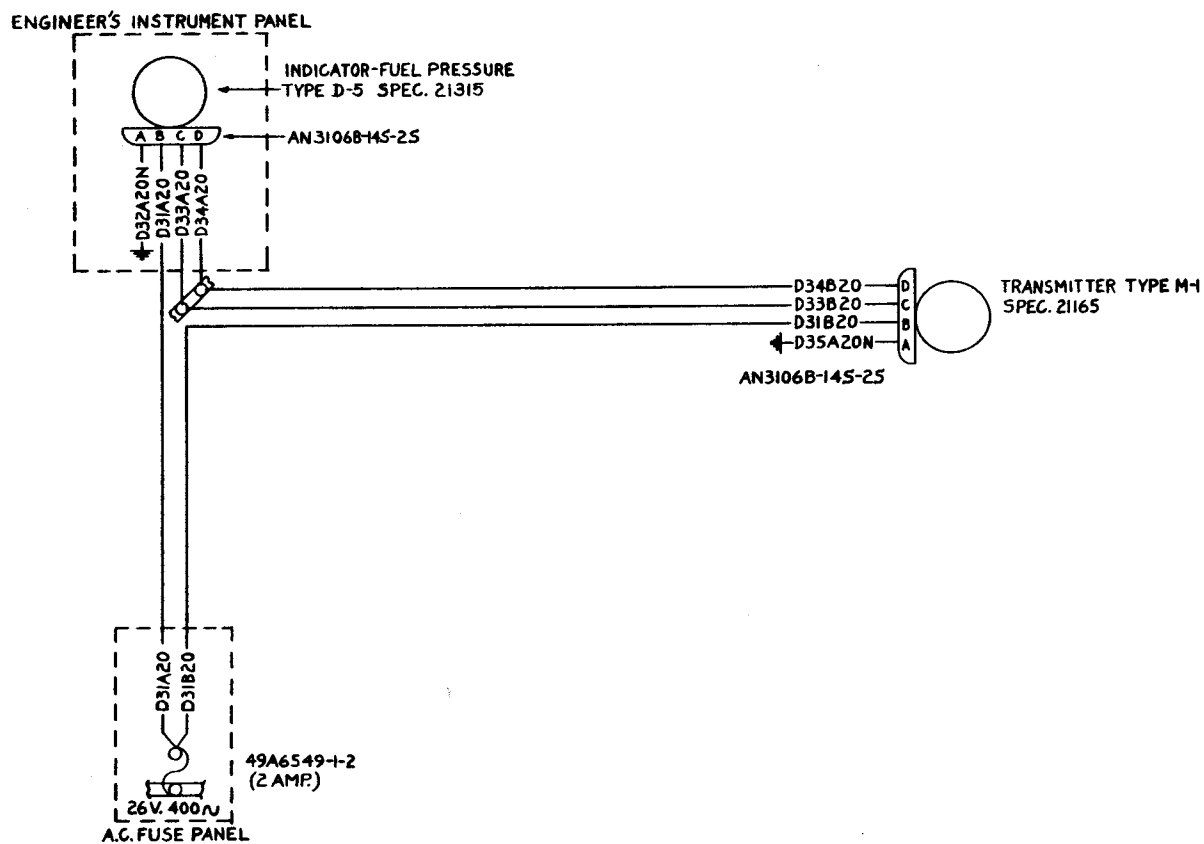


Figure 222. Fuel Pressure — Combustion Heater (Aircraft 215 and Subsequent)

11.458

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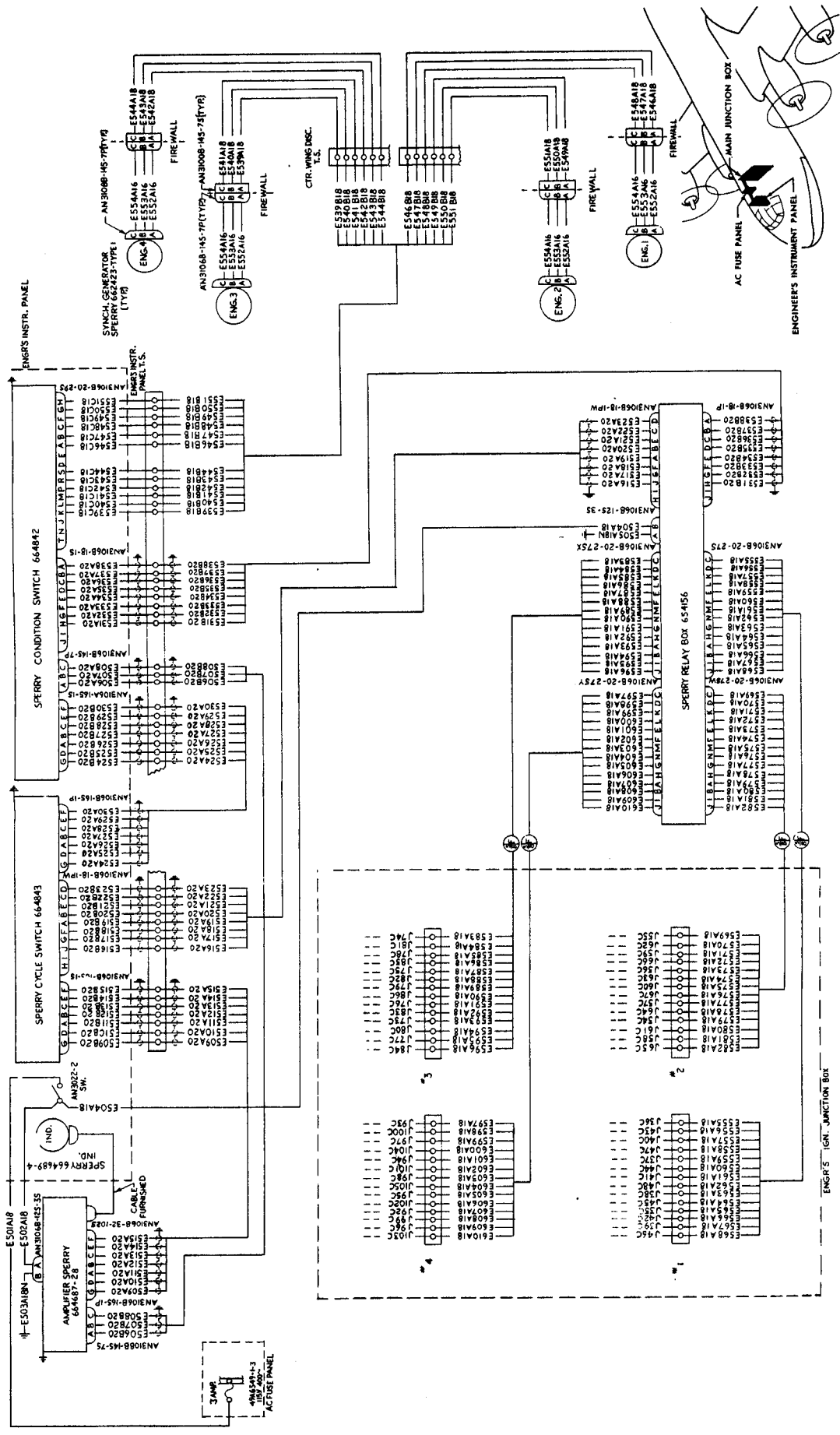


Figure 271. Engine Analyzer (Aircraft A through 204)

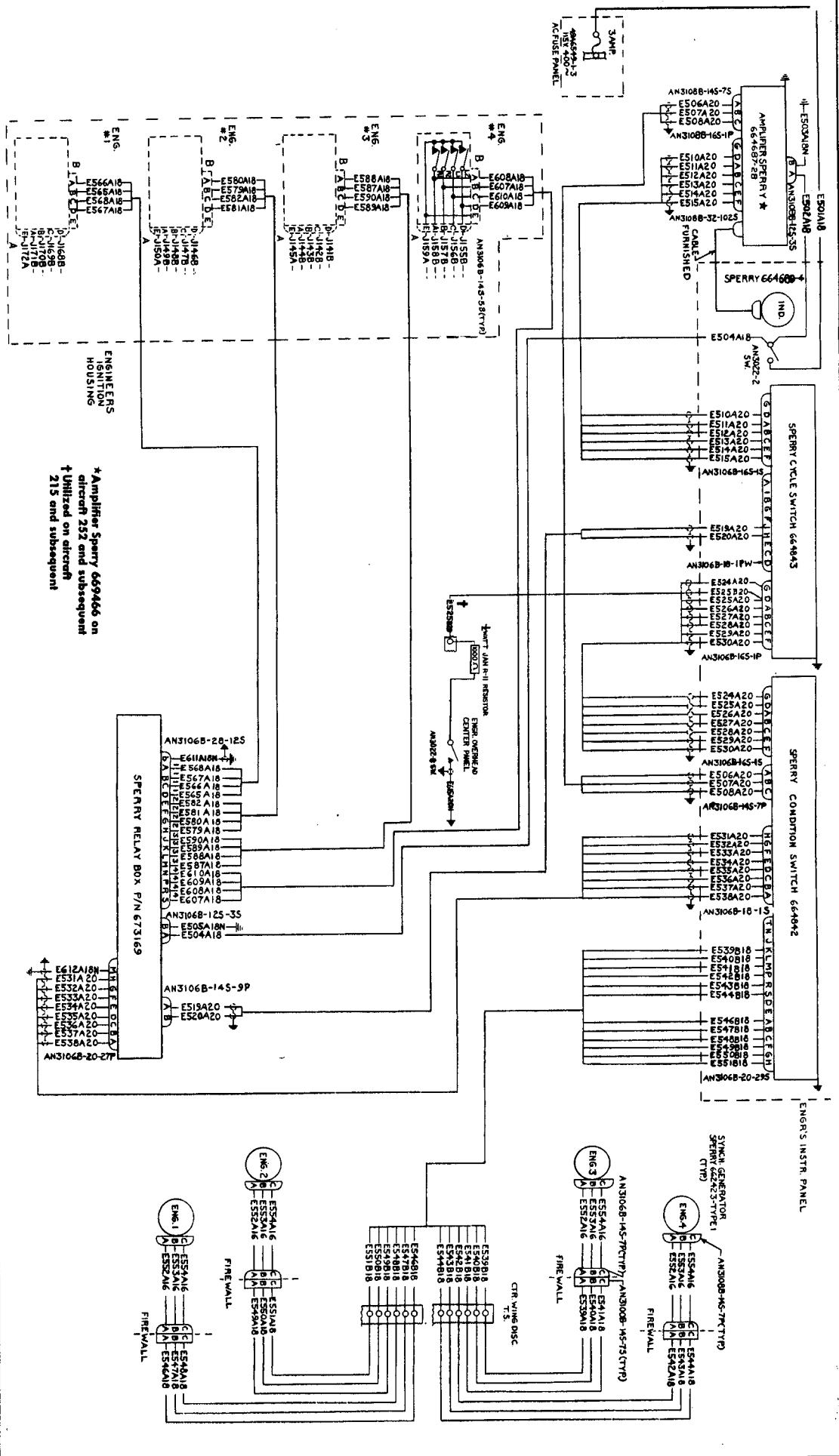


Figure 274. Engine Analyzer (Aircraft 205 and Subsequent)

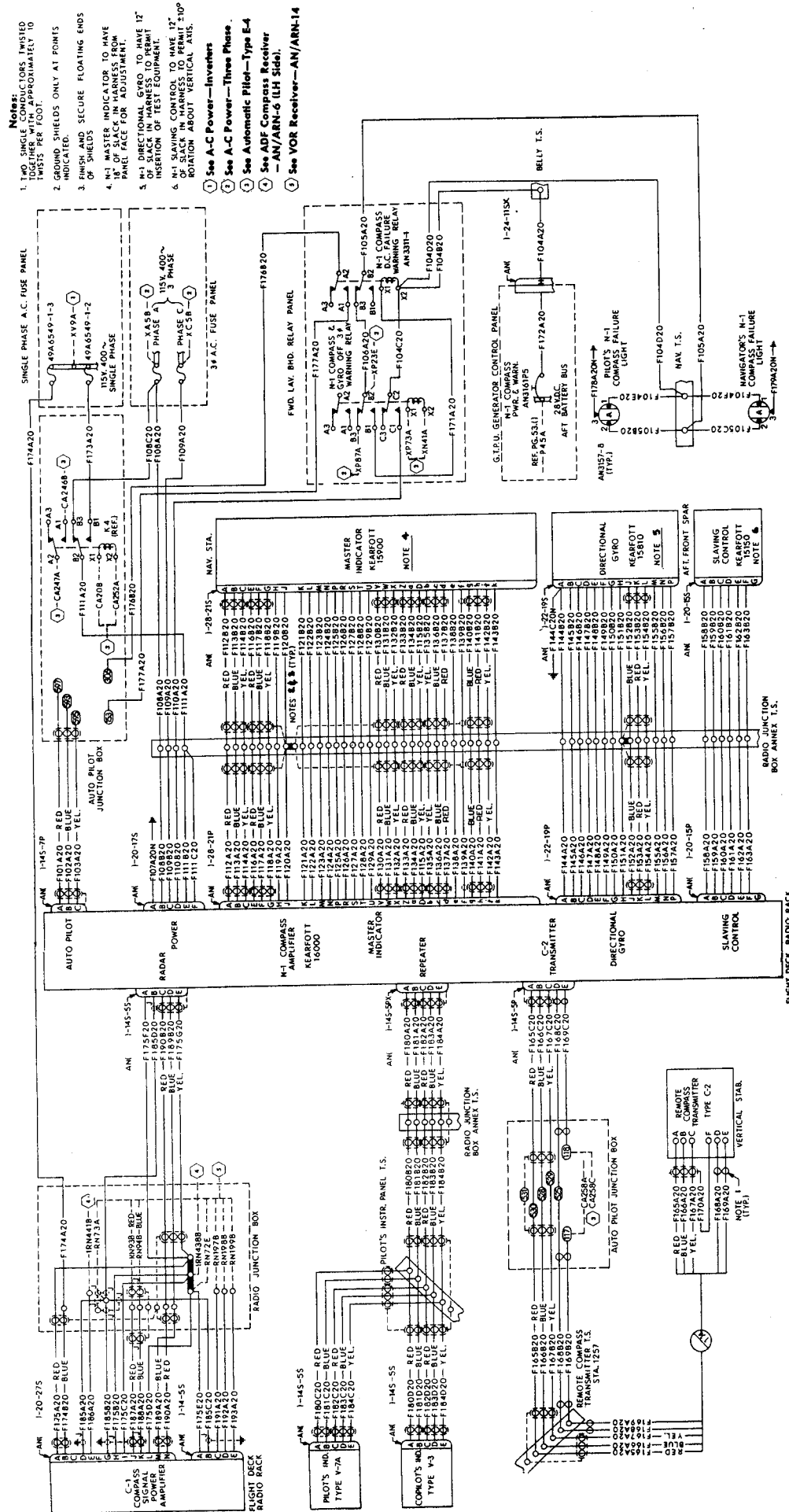


Figure 289F. N-1 Compass System (Aircraft 422 and Subsequent)

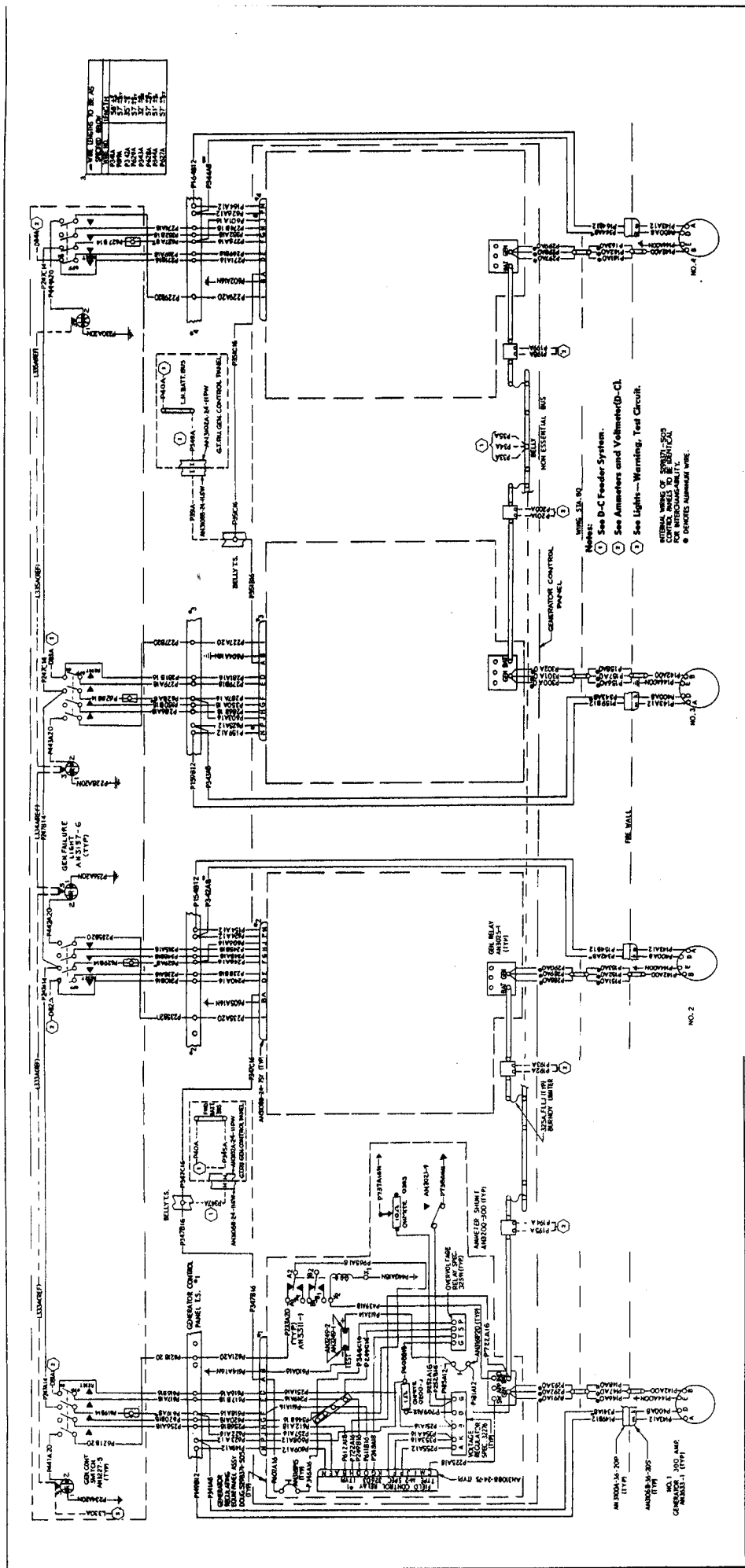


Figure 302A. Generators (Aircraft 392 and Subsequent)

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308A

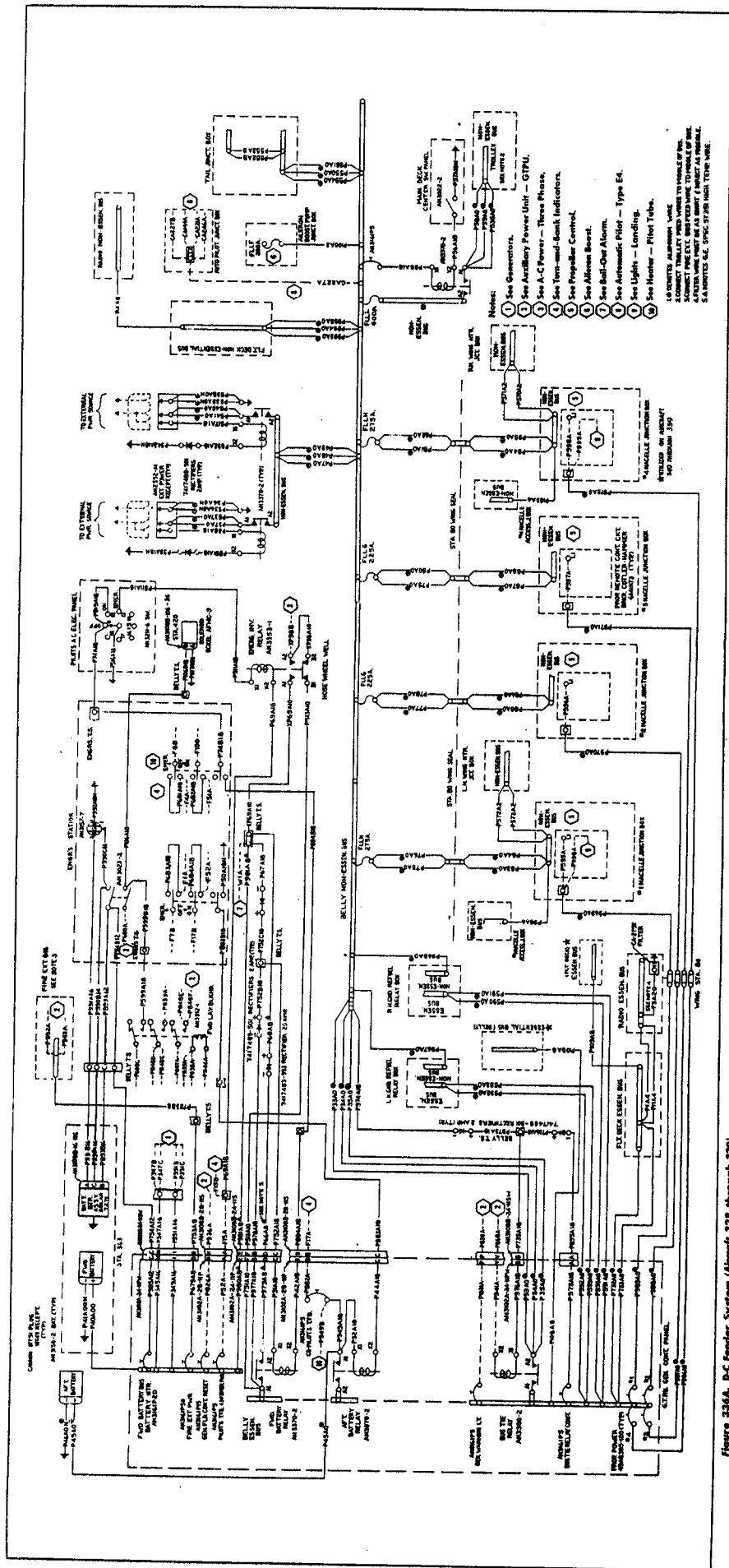


Figure 336A. B-C Feeder System (Aircraft 328 through 339)

Revised 15 January 1955



Figure 3368. D-C Feeder System (Aircraft 340 through 374)



Revised 15 January 1955

Figure 341C. Deleted.

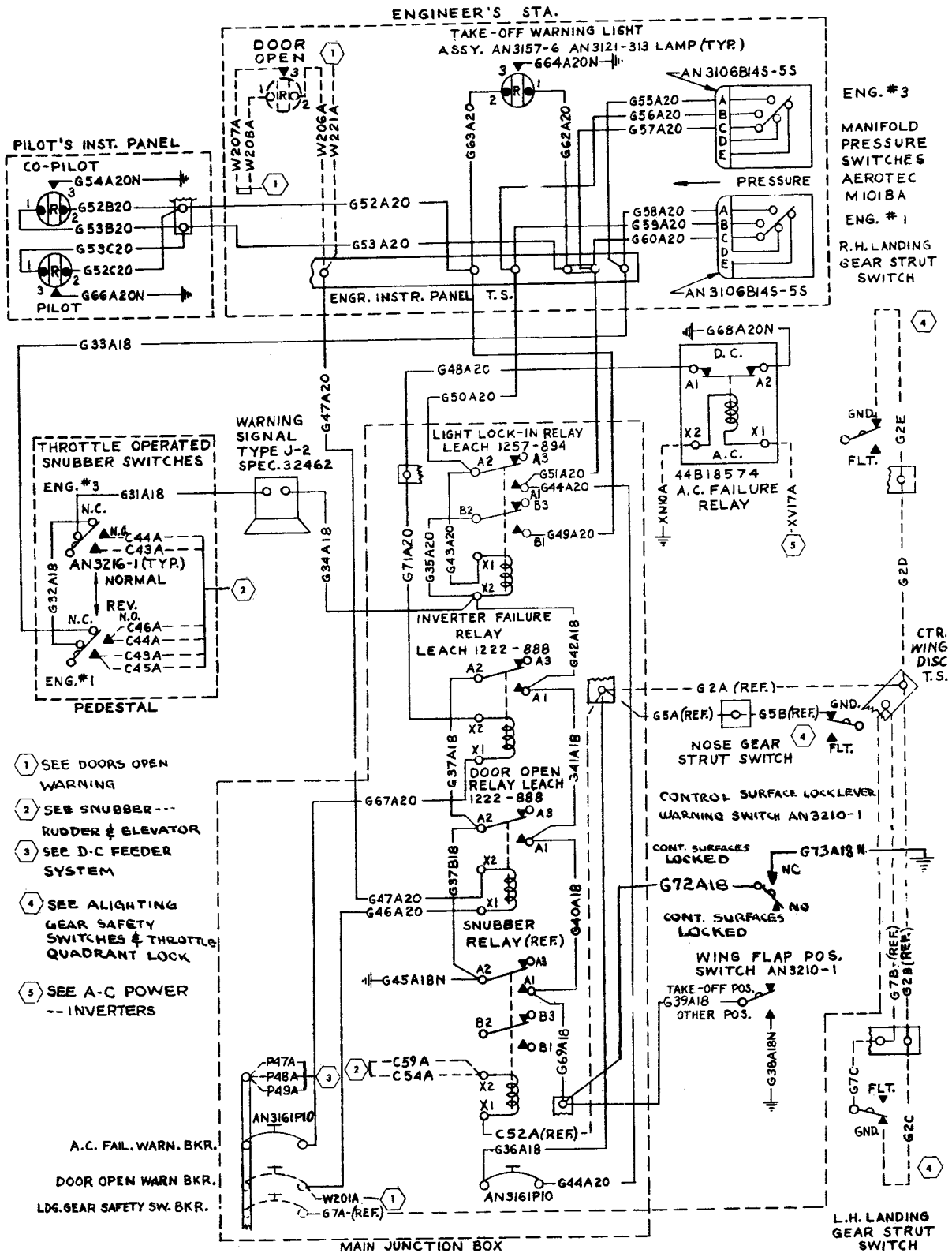
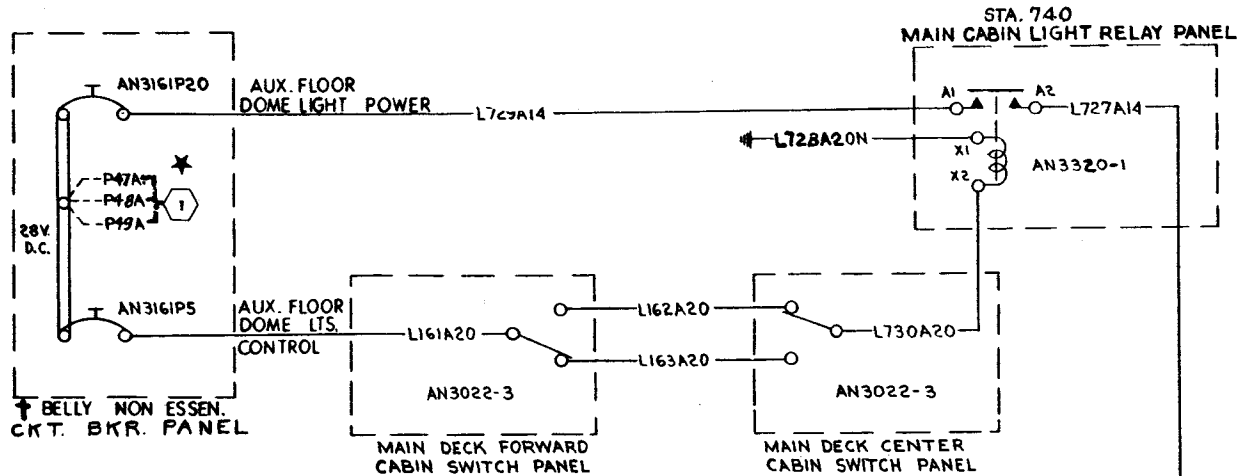


Figure 341D. Take-Off Warning (Aircraft 115 through 164)

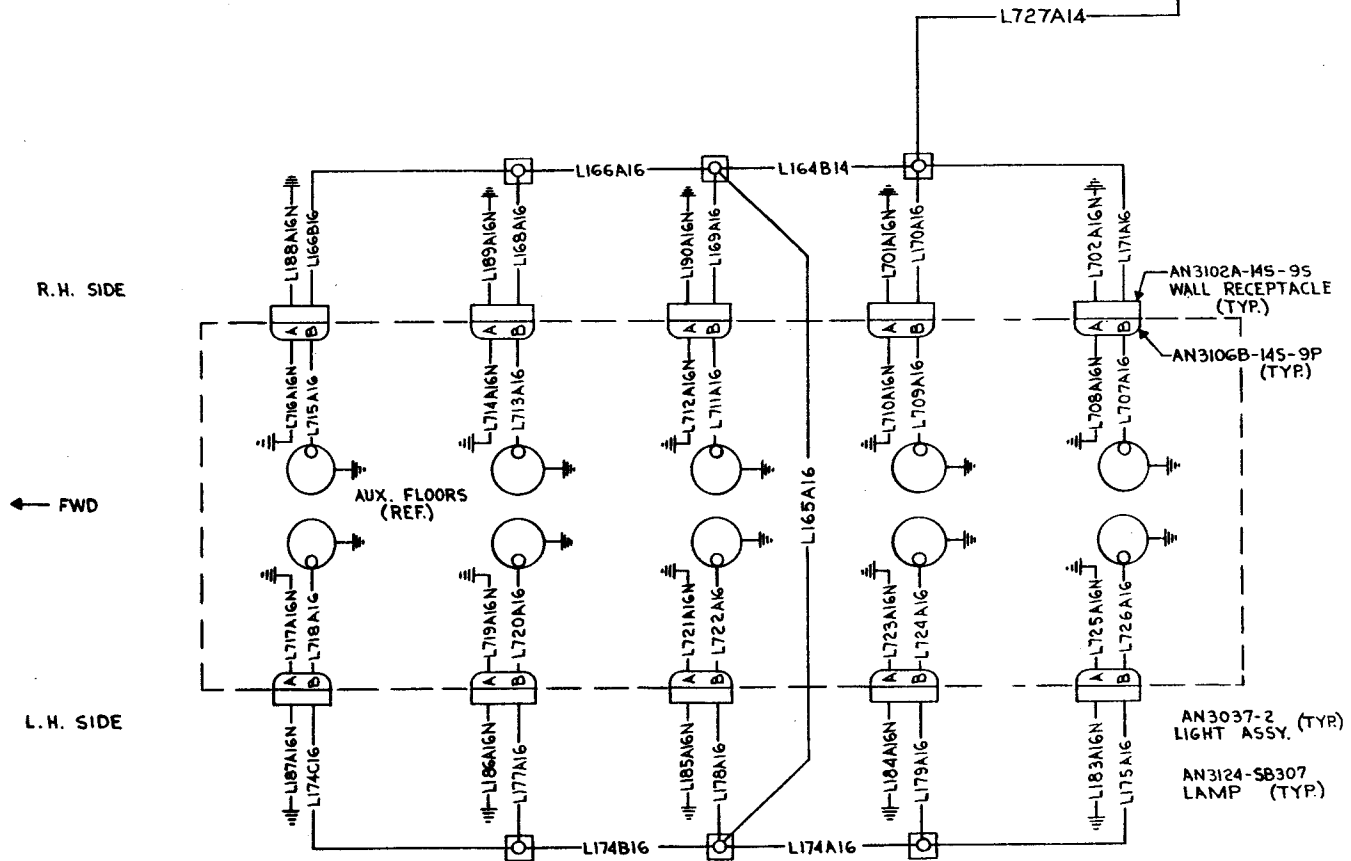
14,996



① See D-C Feeder System

*P33A, P34A, and P35A on aircraft 287 through 327

†Generator control panel on aircraft 287 through 327



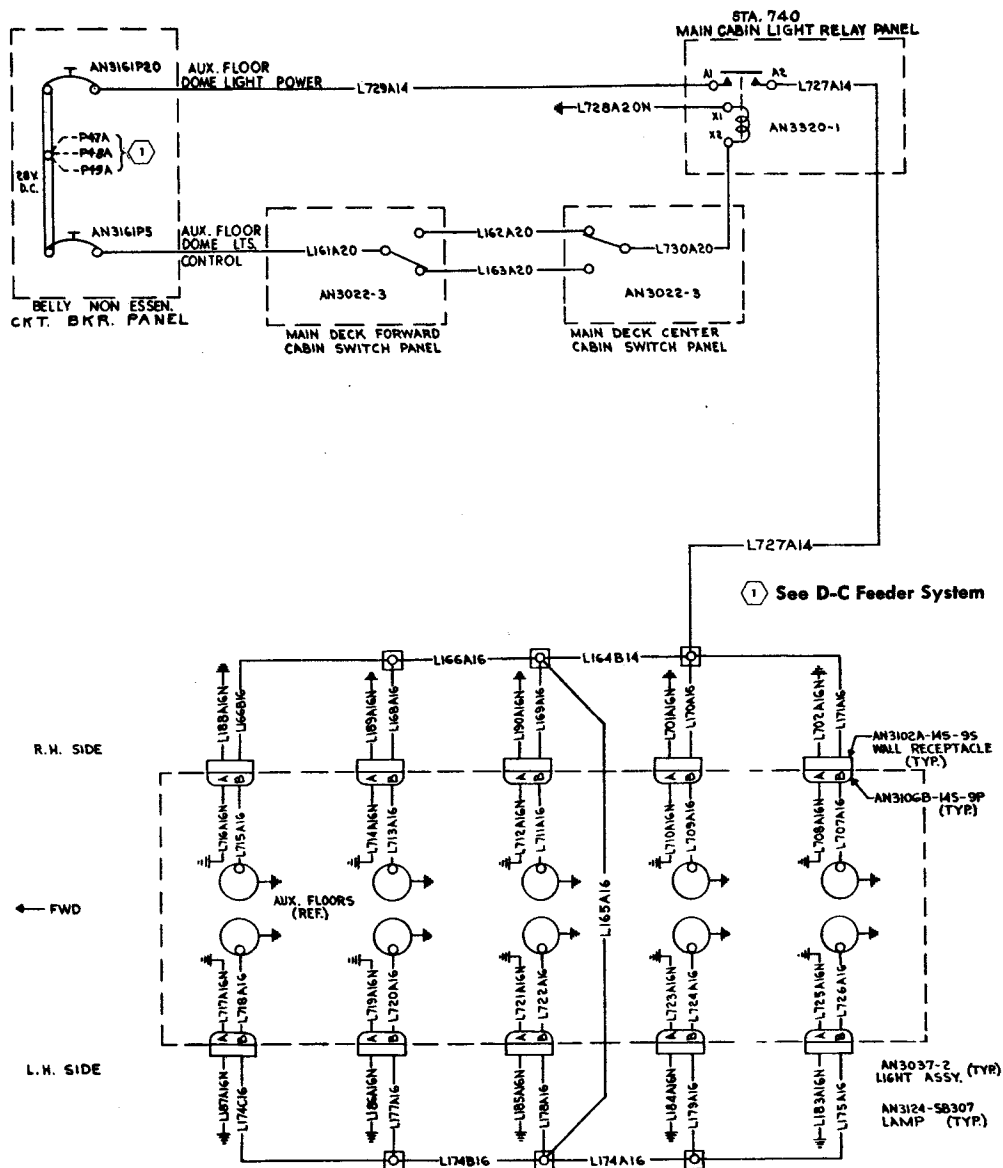


Figure 394B. Lights — Dome, Auxiliary Floor (Aircraft 329 and Subsequent)

17.712

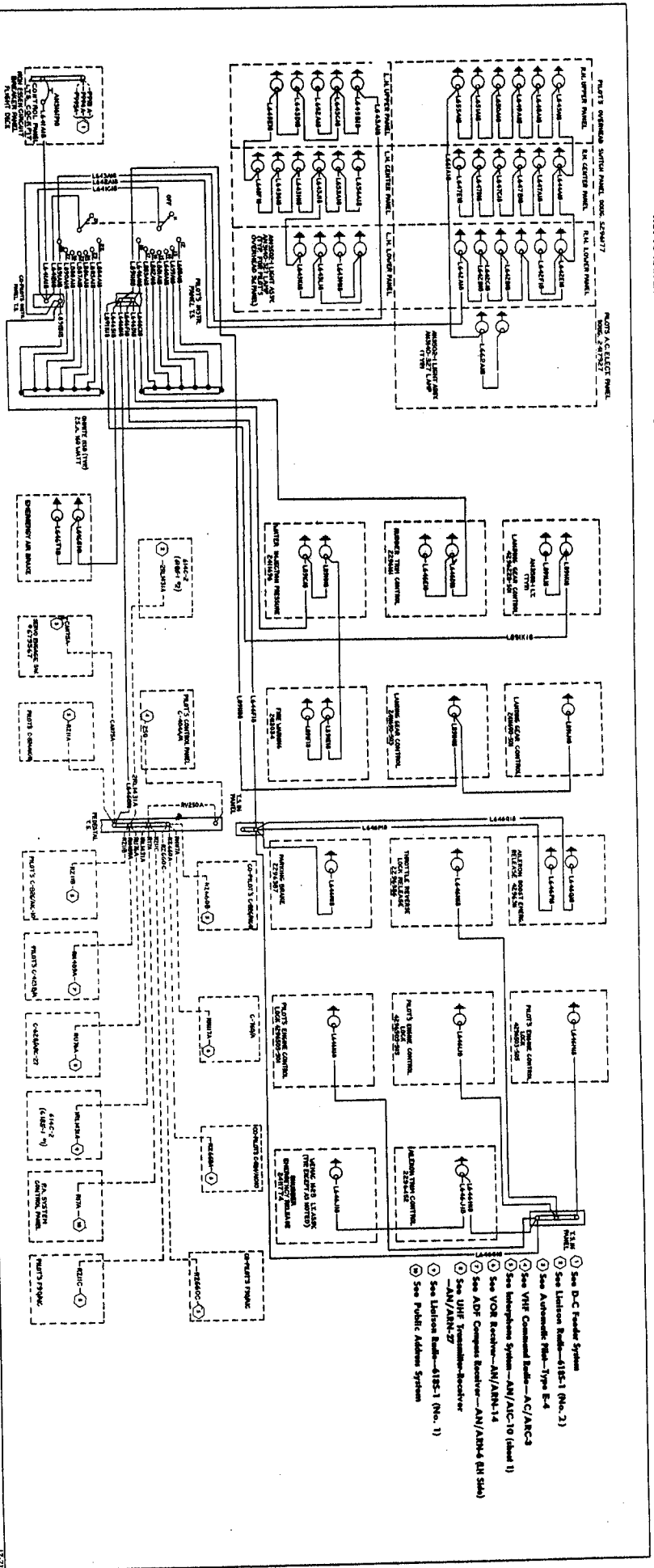


Figure 415. Lights - Panel, Cockpit (Aircrew 328 and Subsequent)



★Refer to D-C Feeder System

Figure 421B. Lights — Panel, Engineer's (Aircraft 328 through 391)

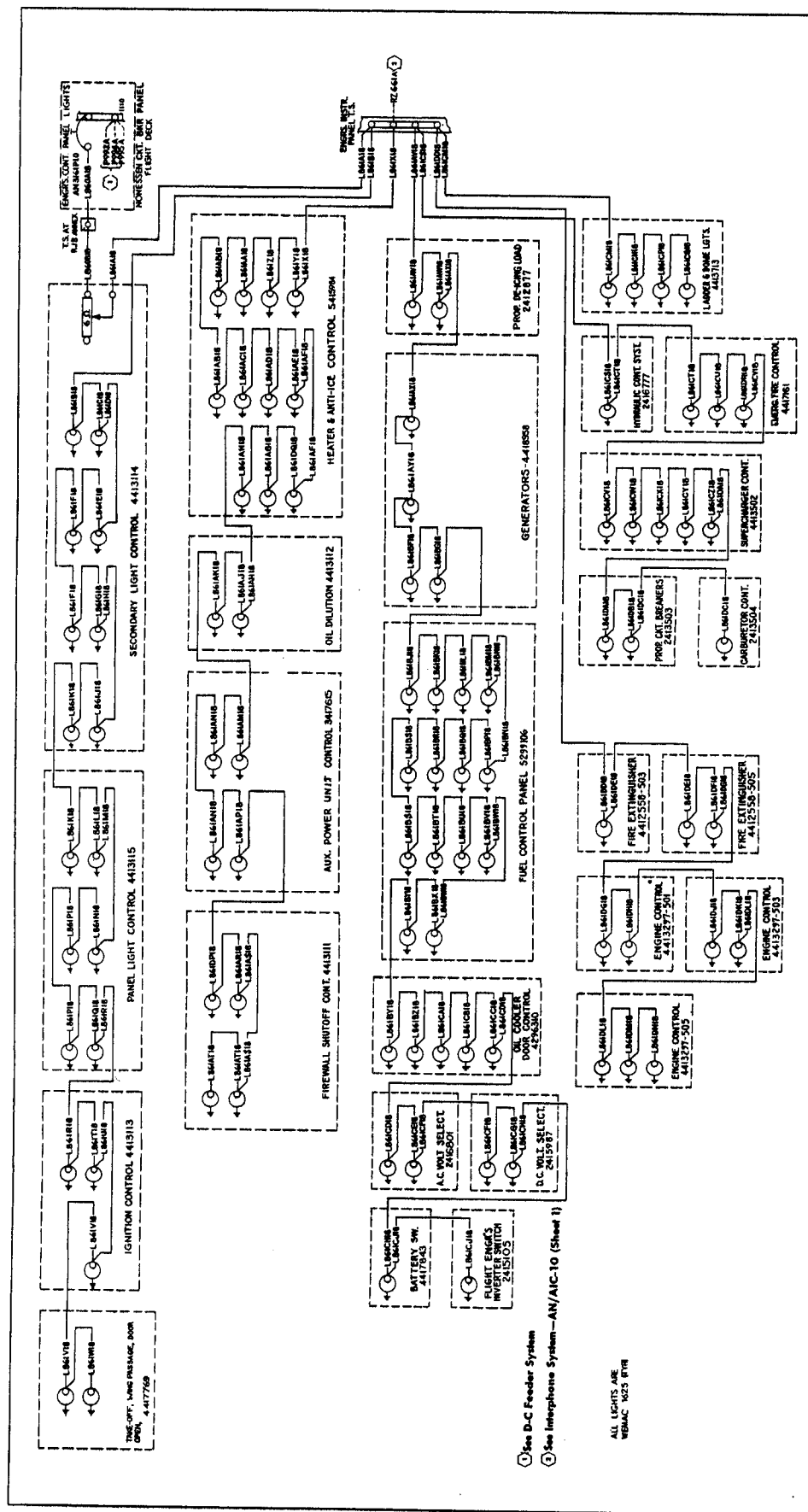
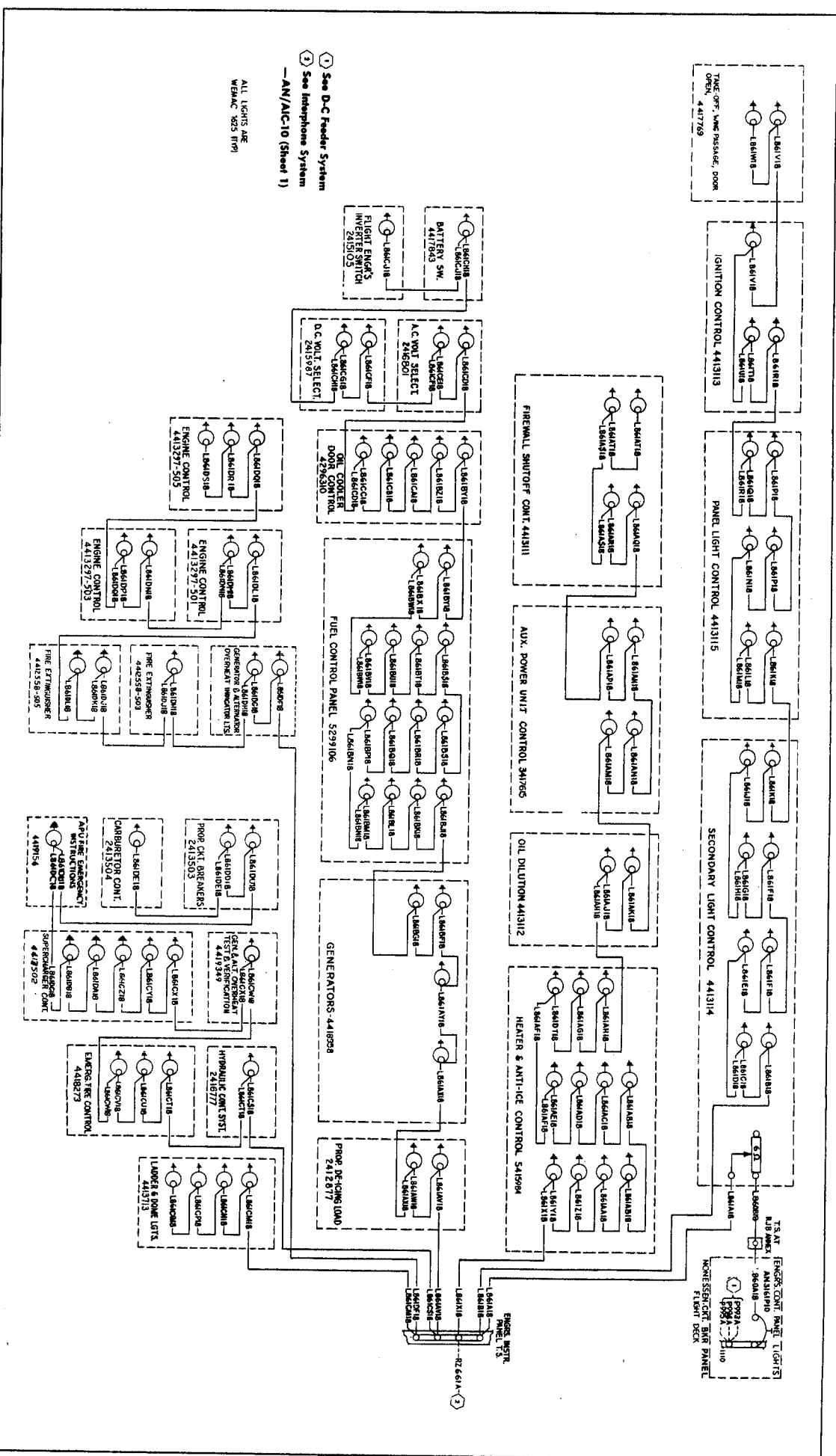


Figure 421C. Lights – Panel, Engineer’s (Aircraft 392 through 421)



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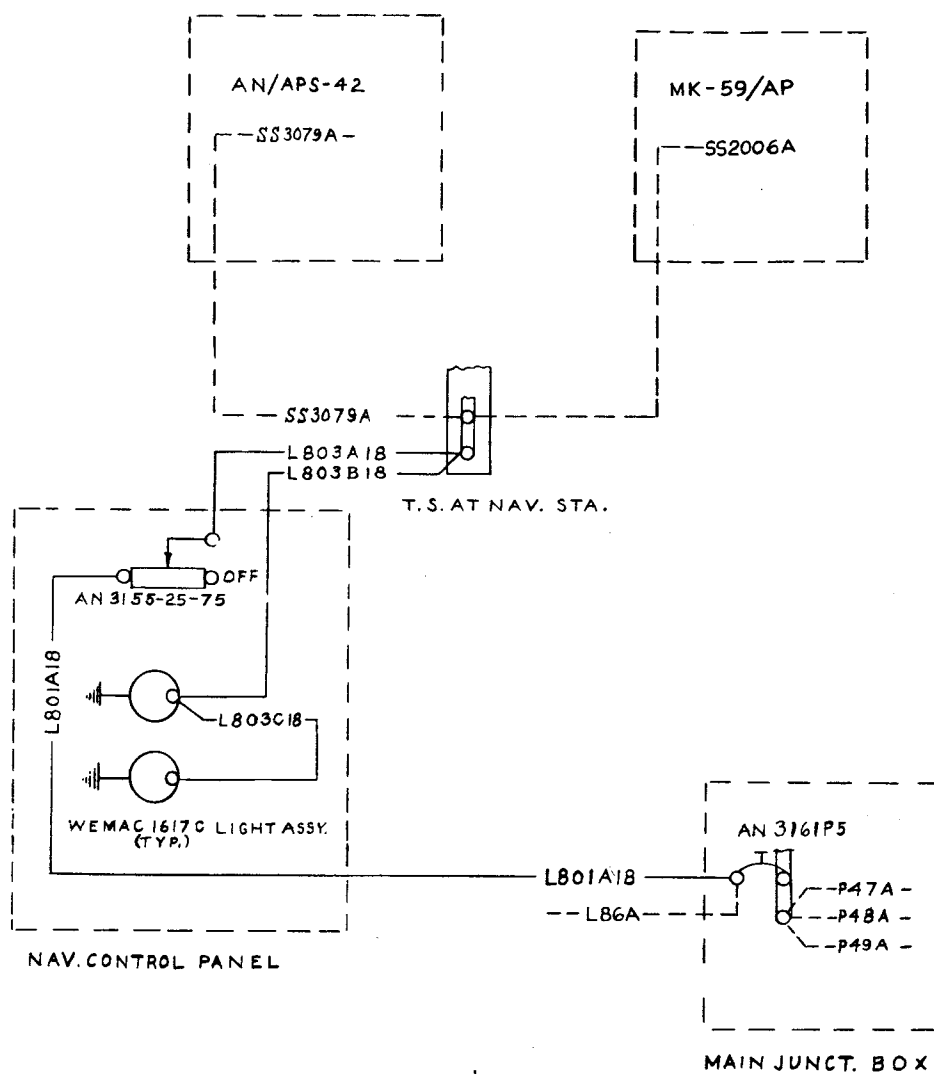


Figure 422. Lights - Panel, Flight Deck, Navigator and Radio Operator (Aircraft A)

11.181

7.715

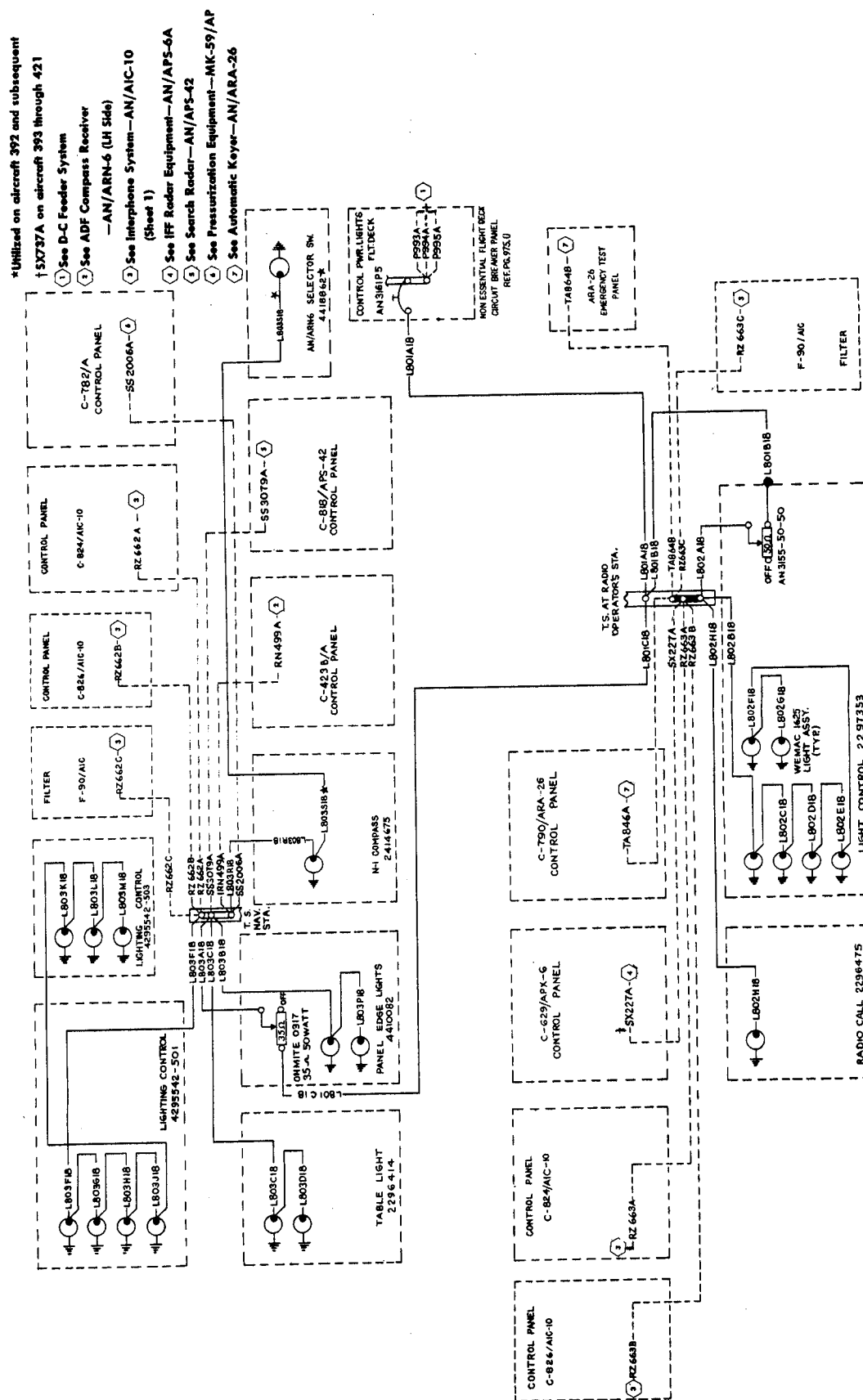


Figure 426A. Lights — Panel, Flight Deck, Navigator and Radio Operator (Aircraft 328 and Subsequent)

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5.020

439

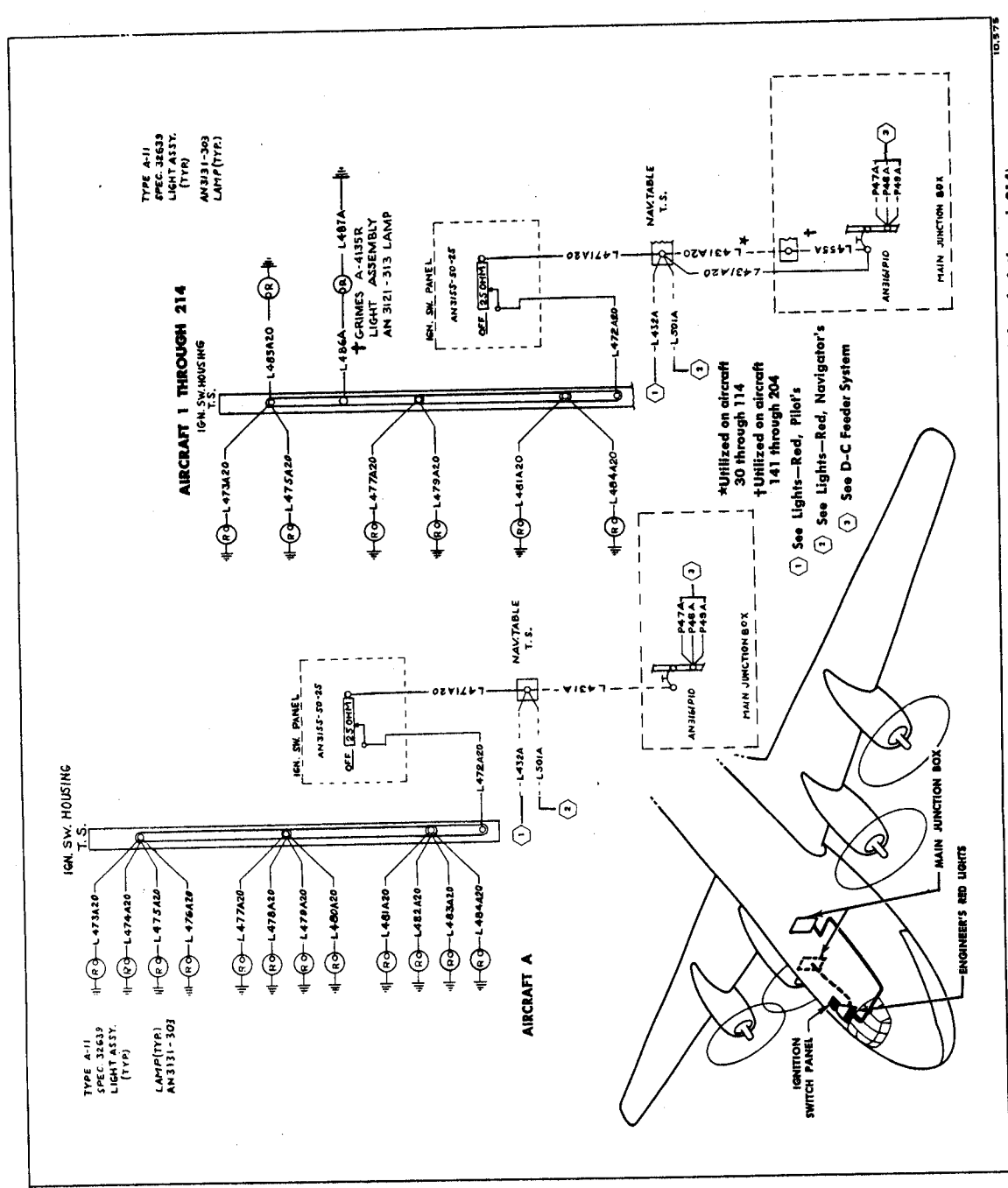
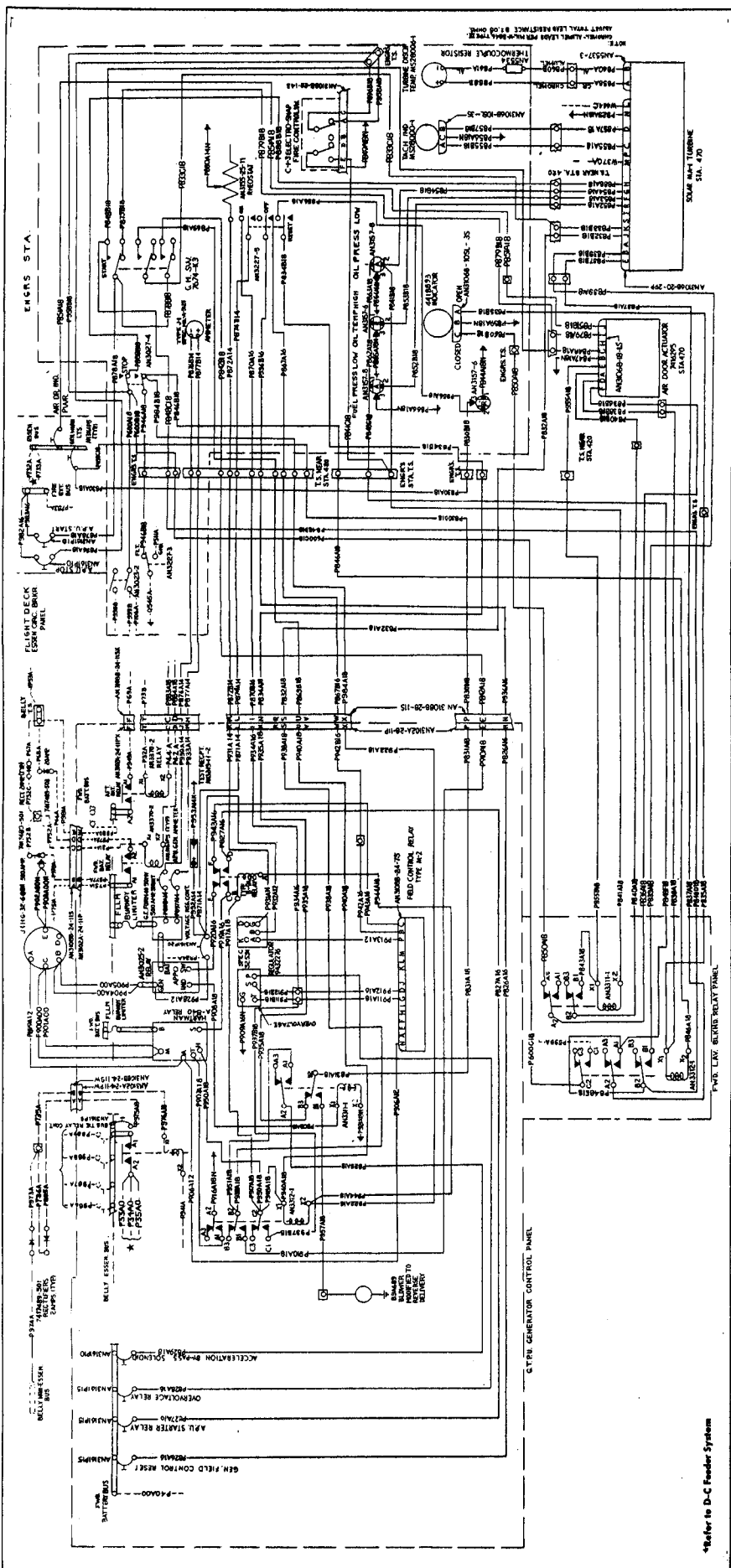


Figure 434. Lights — Red, Engineer's (Aircraft A through 214)

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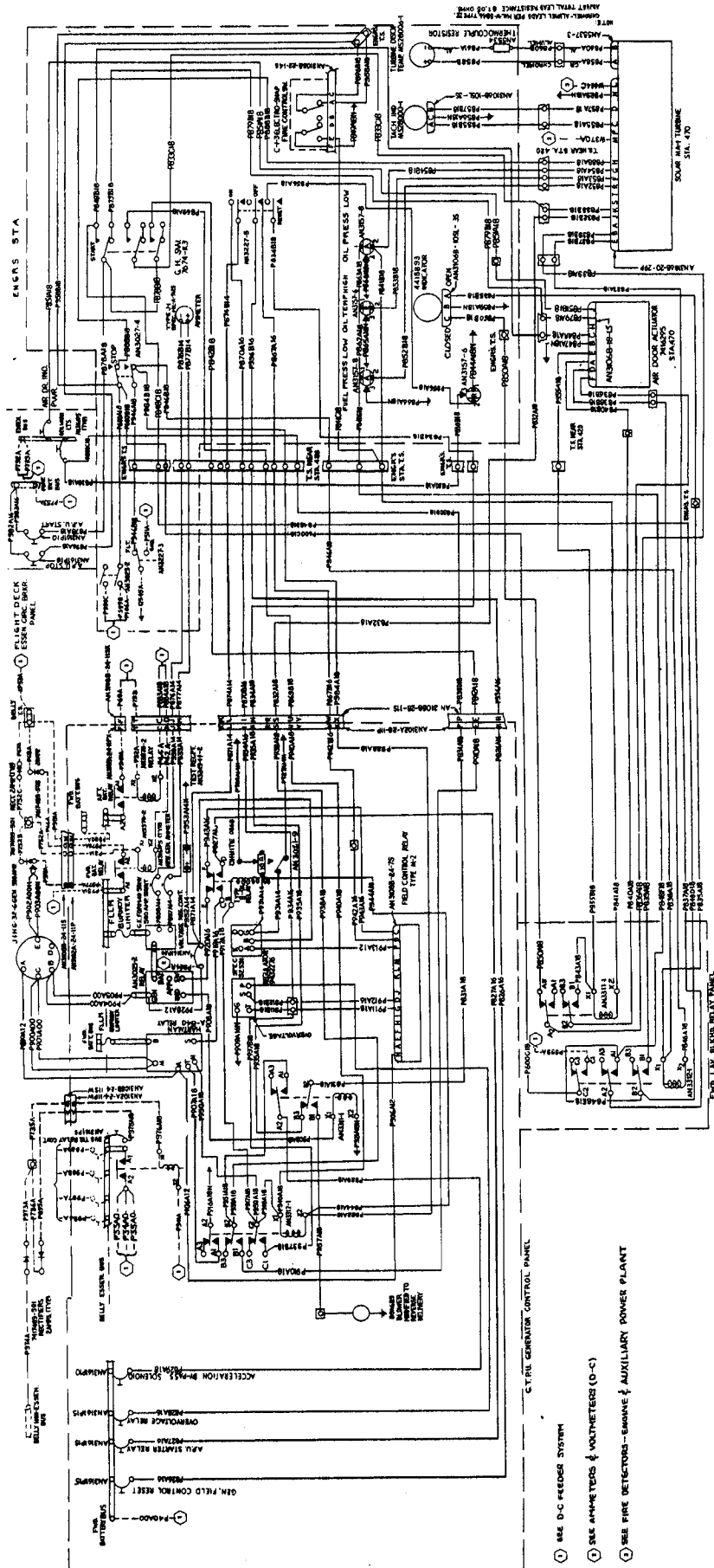
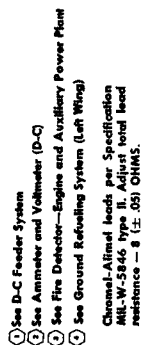


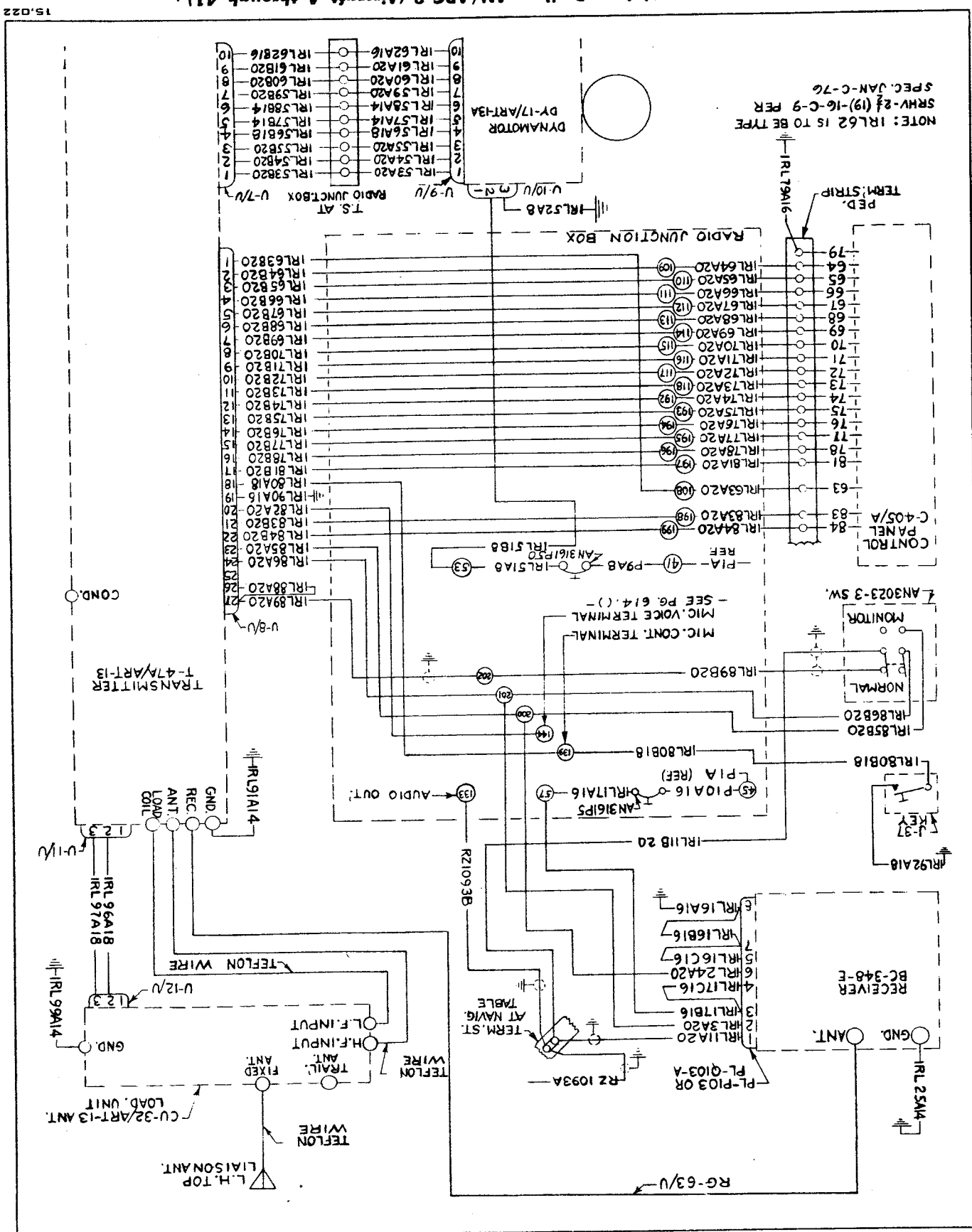
Figure 4.55C. Auxiliary Power Unit — GTPU (Aircraft 392 through 421)

Revised 15 January 1955



Revised 15 January 1955

Figure 455E. Liaison Radio - AN/ARC-8 (Aircraft A through 41)



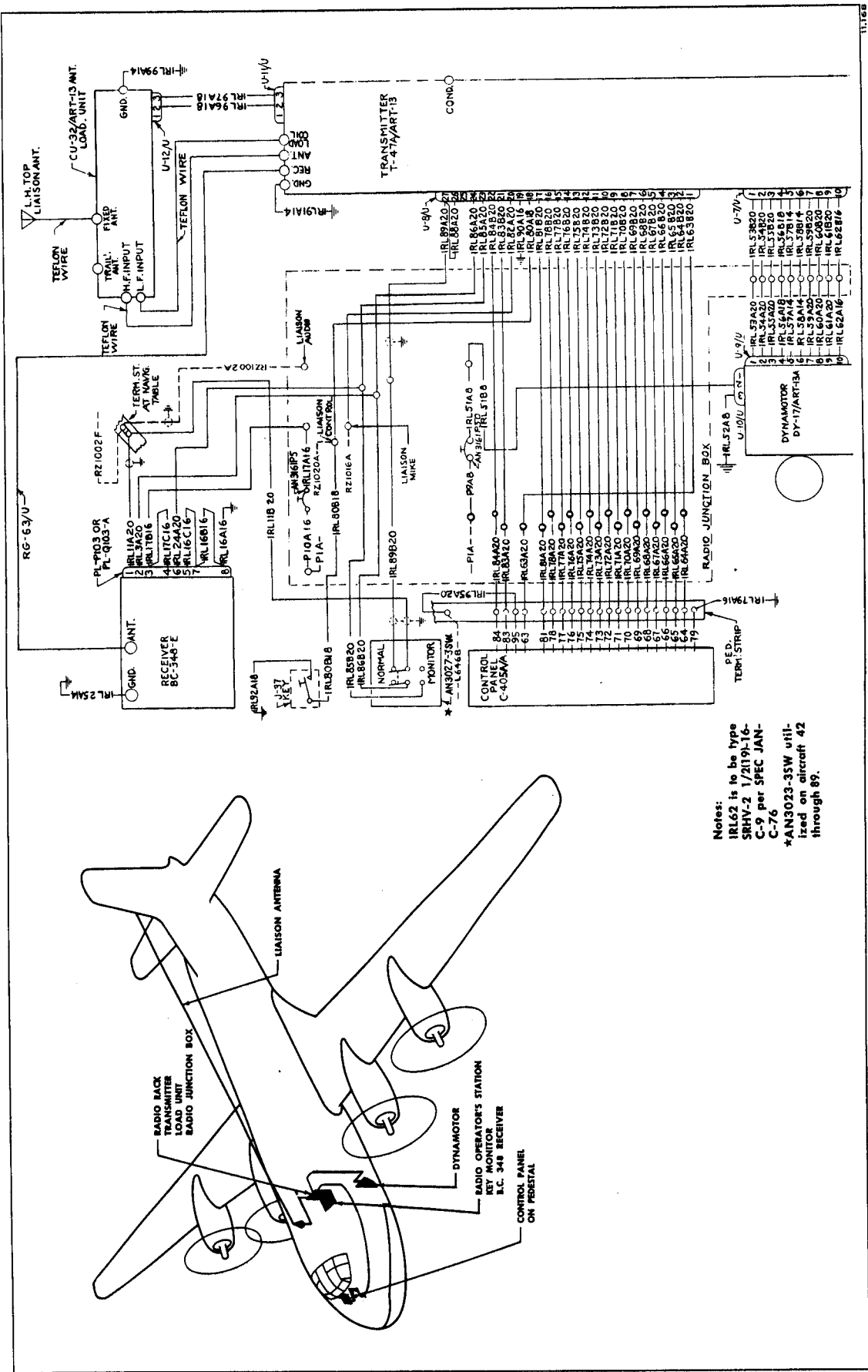


Figure 456. Liaison Radio — AN/ARC-8 (Aircraft 42 through 164)

Revised 15 January 1955

Figure 459 deleted.

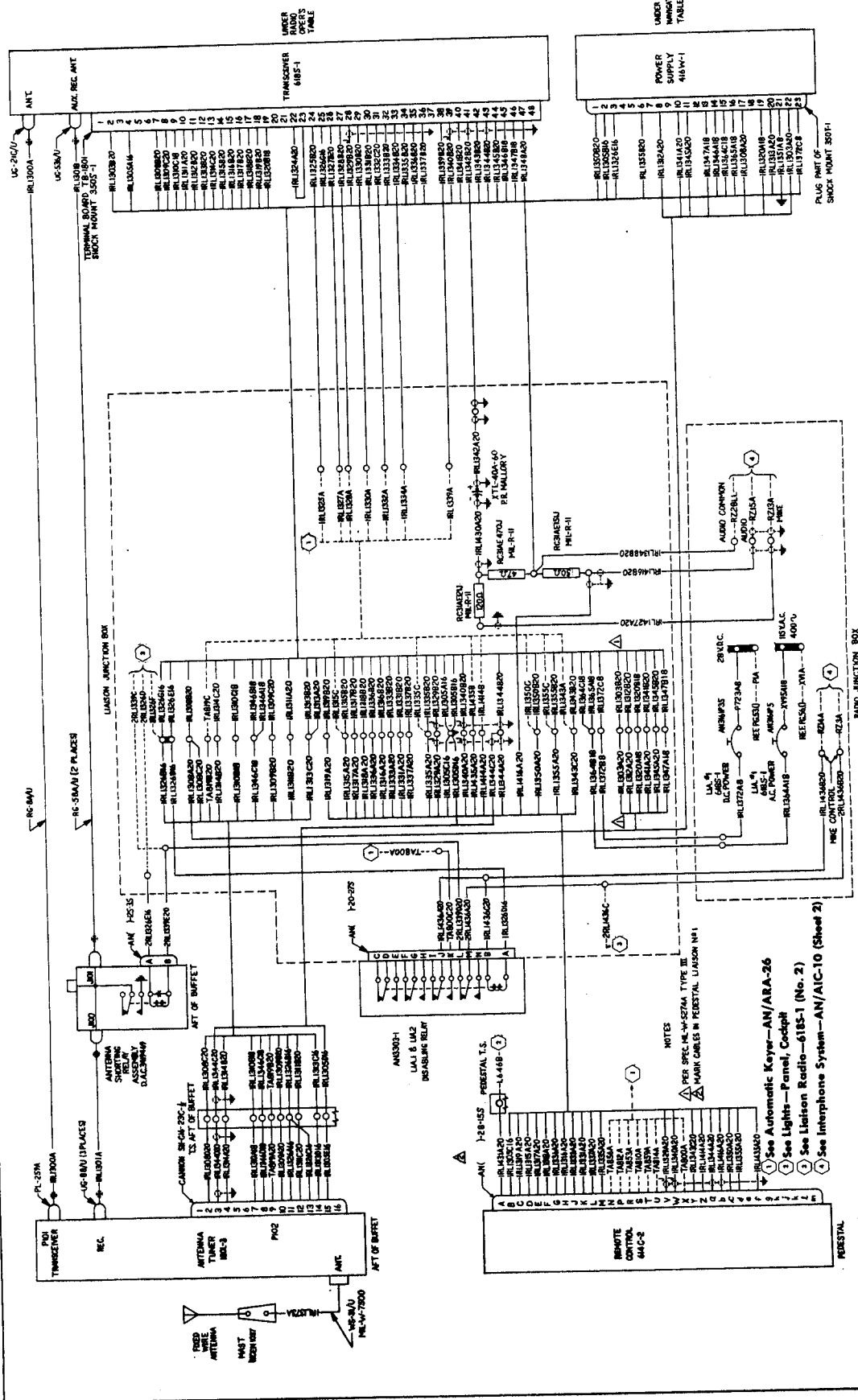


Figure 459A. Liaison Radio - 618S-1 (No. 1) (Aircraft 328 and Subsequent)

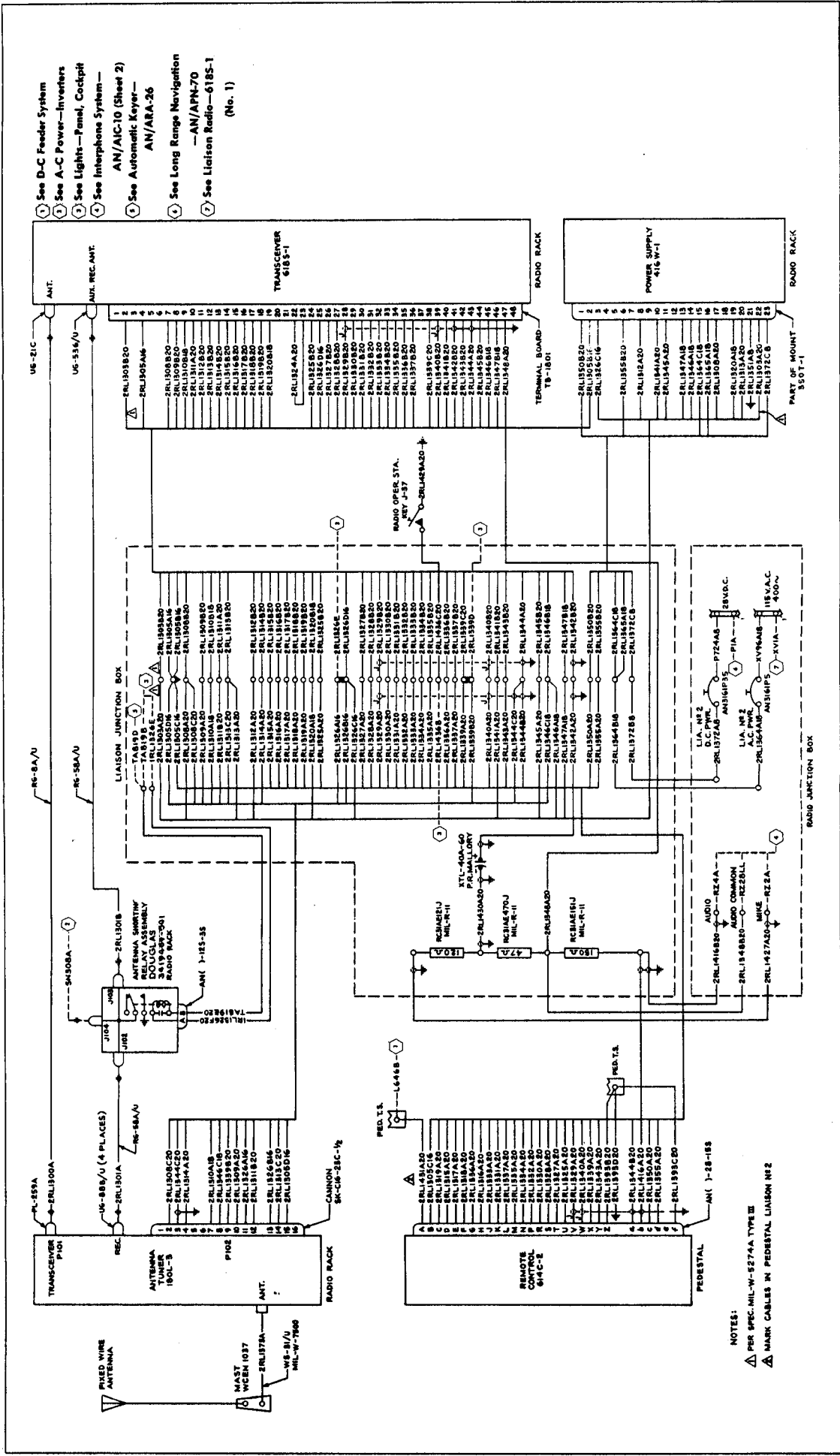


Figure 459B. Liaison Radio — 618S-1 (No. 2) (Aircraft 328 and Subsequent)

Revised 15 January 1955

Figure 460 deleted.

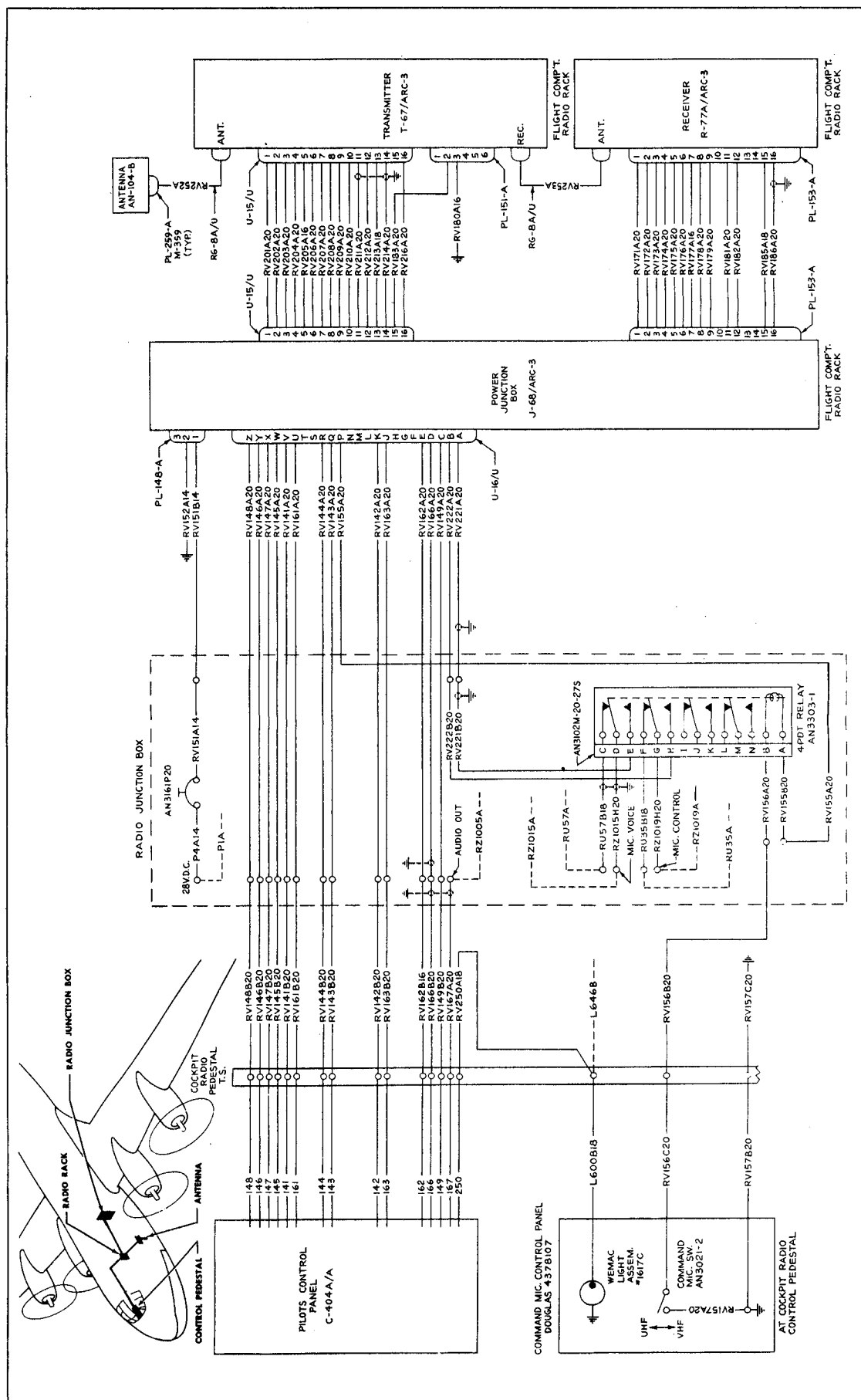
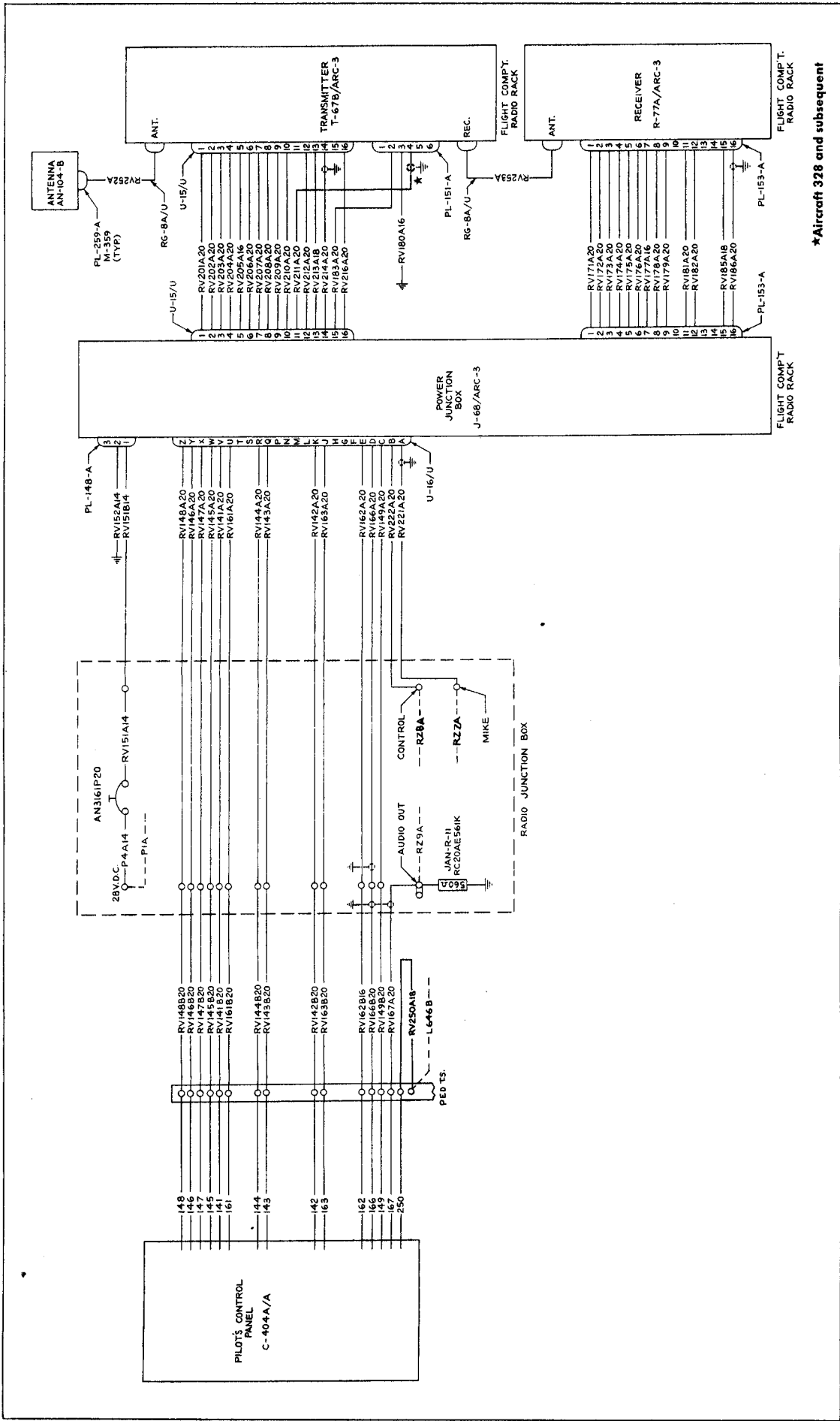


Figure 460C. VHF Command Radio - AN/ARC-3 (Aircraft 115 through 244)

Revised 1 October 1954

466E



11.13

Figure 461. VHF Command Radio - AN/ARC-3 (Aircraft 245 and Subsequent)

466F

Revised 15 January 1955

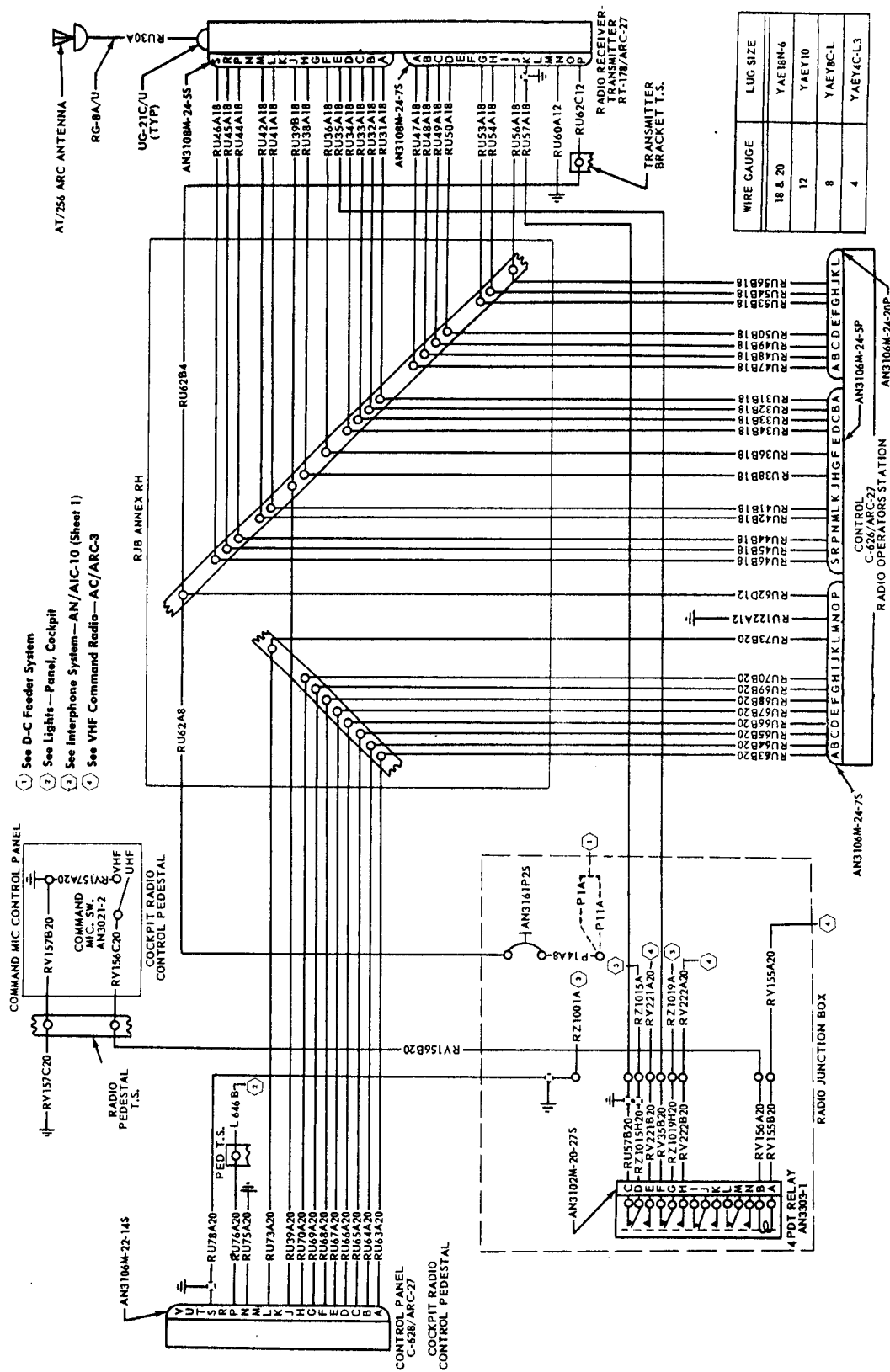
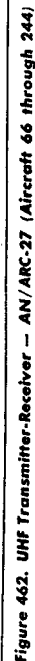


Figure 461A. UHF Transmitter-Receiver - AN/ARC-27 (Aircraft A through 65)

Revised 15 January 1955



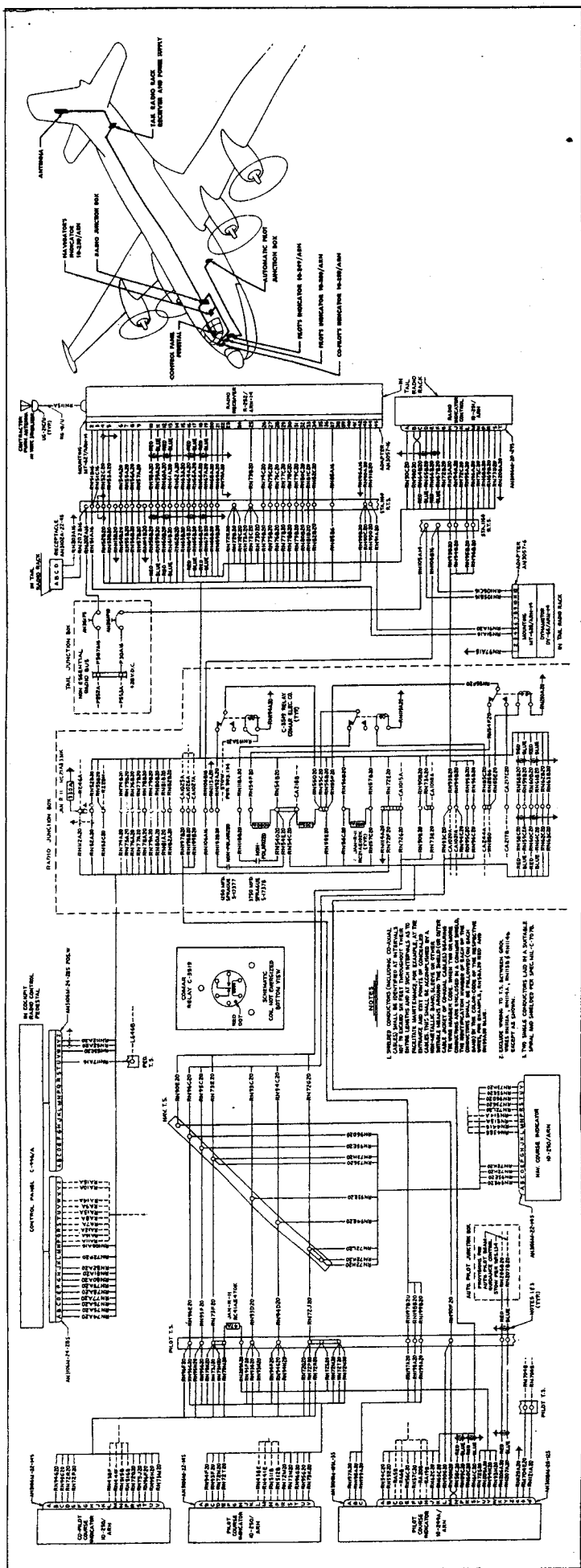


Figure 472. VOR Receiver - AN/ARN-14 (Aircraft 328 through 339)

Revised 1 April 1954





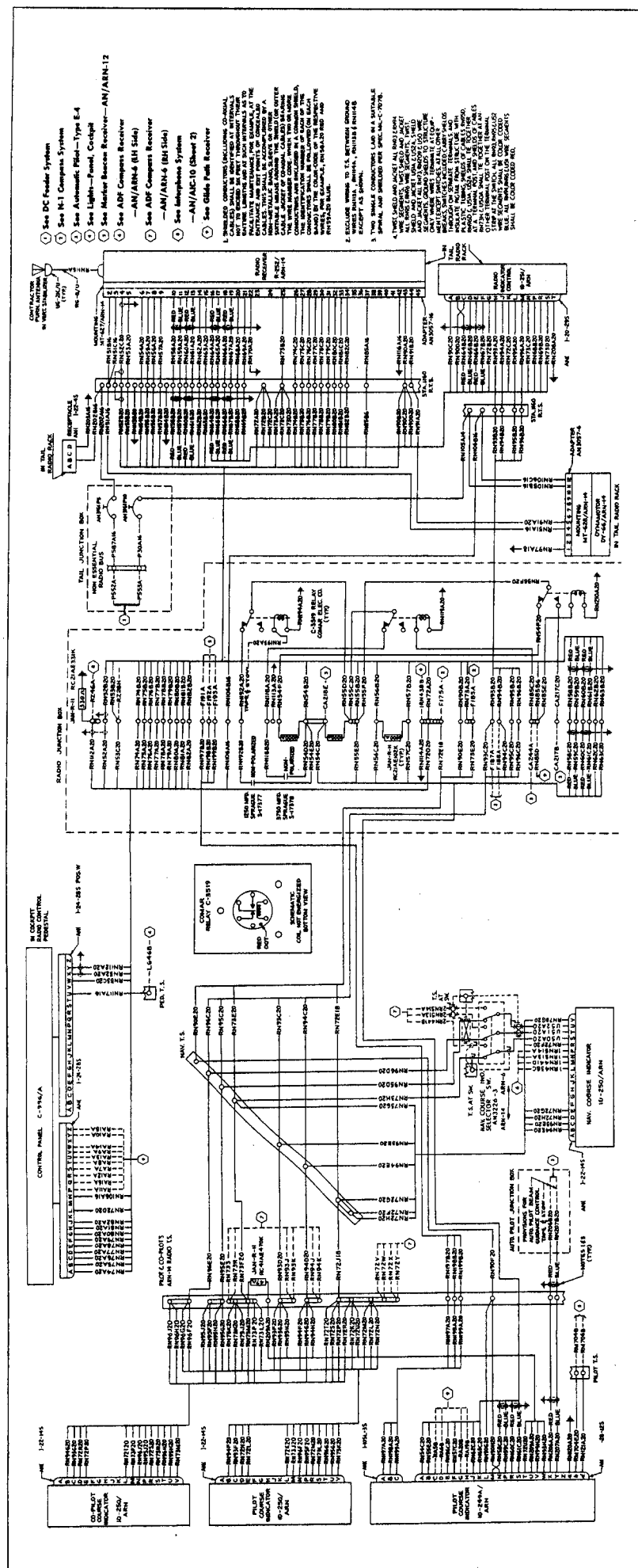


Figure 472C. VOR Receiver - AN/ARN-14 (Aircraft 422 and Subsequent)

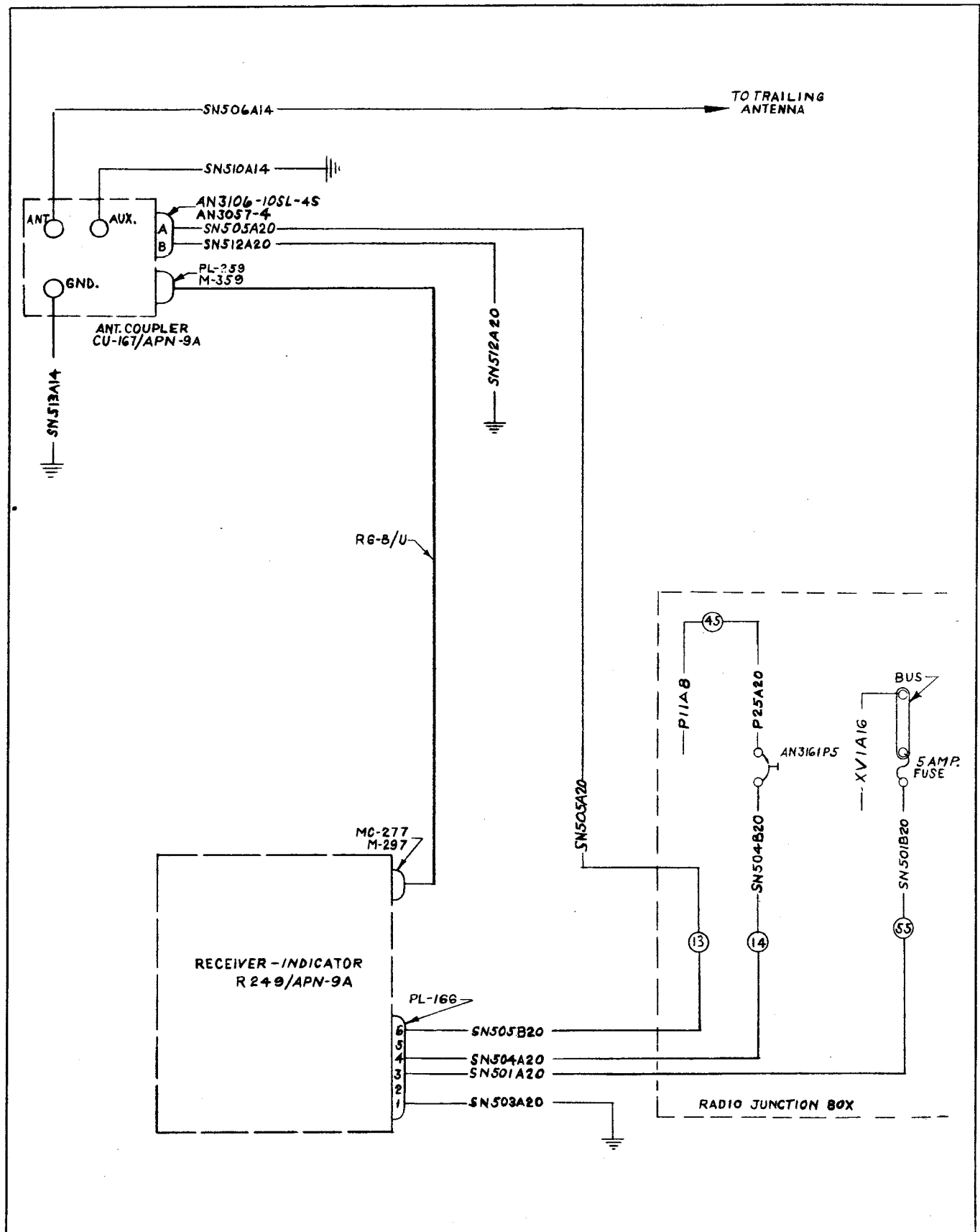


Figure 472D. Long Range Navigation - AN/APN-9A (Aircraft A through 29)

15.032

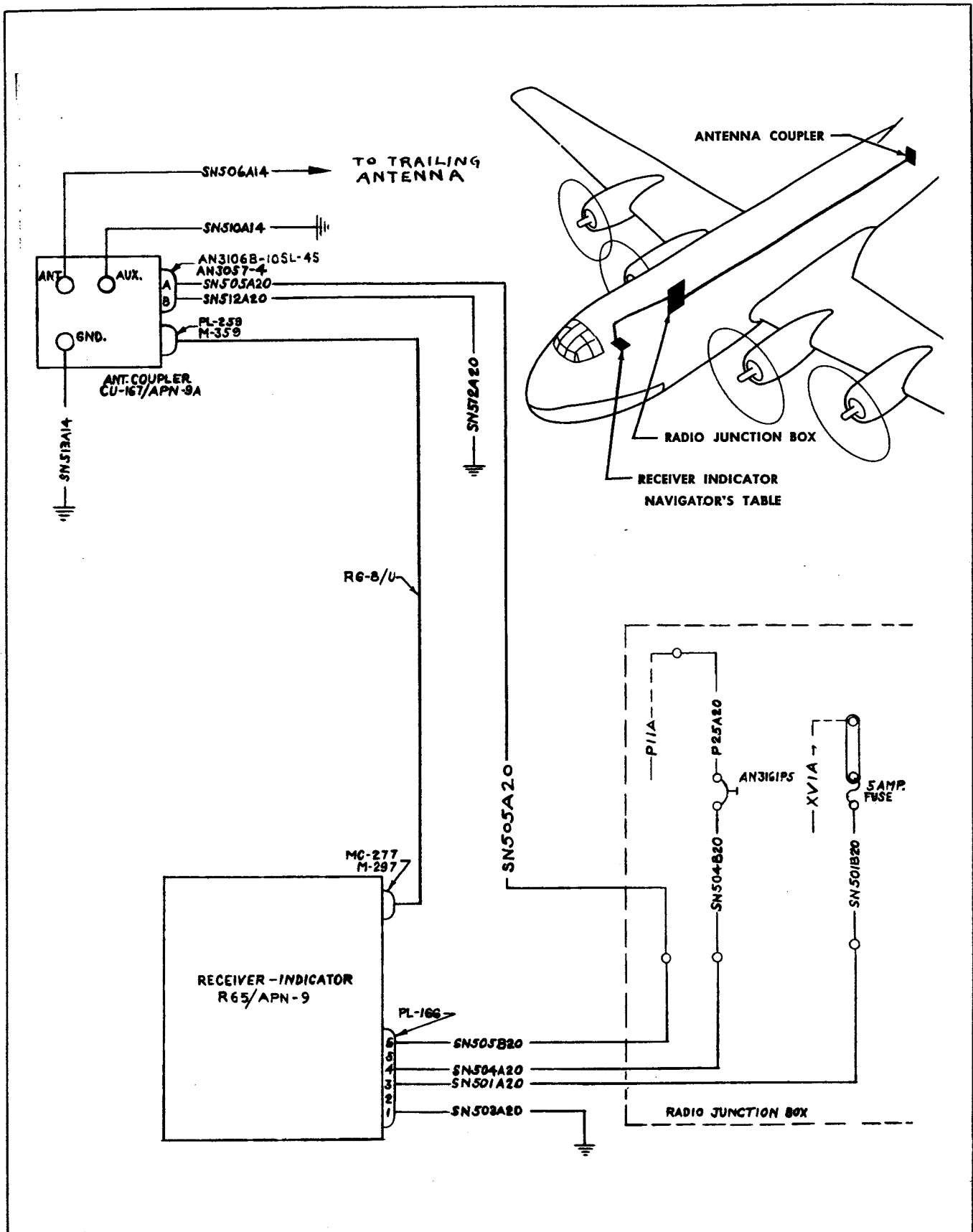


Figure 473. Long Range Navigation - AN/APN-9 (Aircraft 30 through 327)

11.497



Figure 485 deleted.

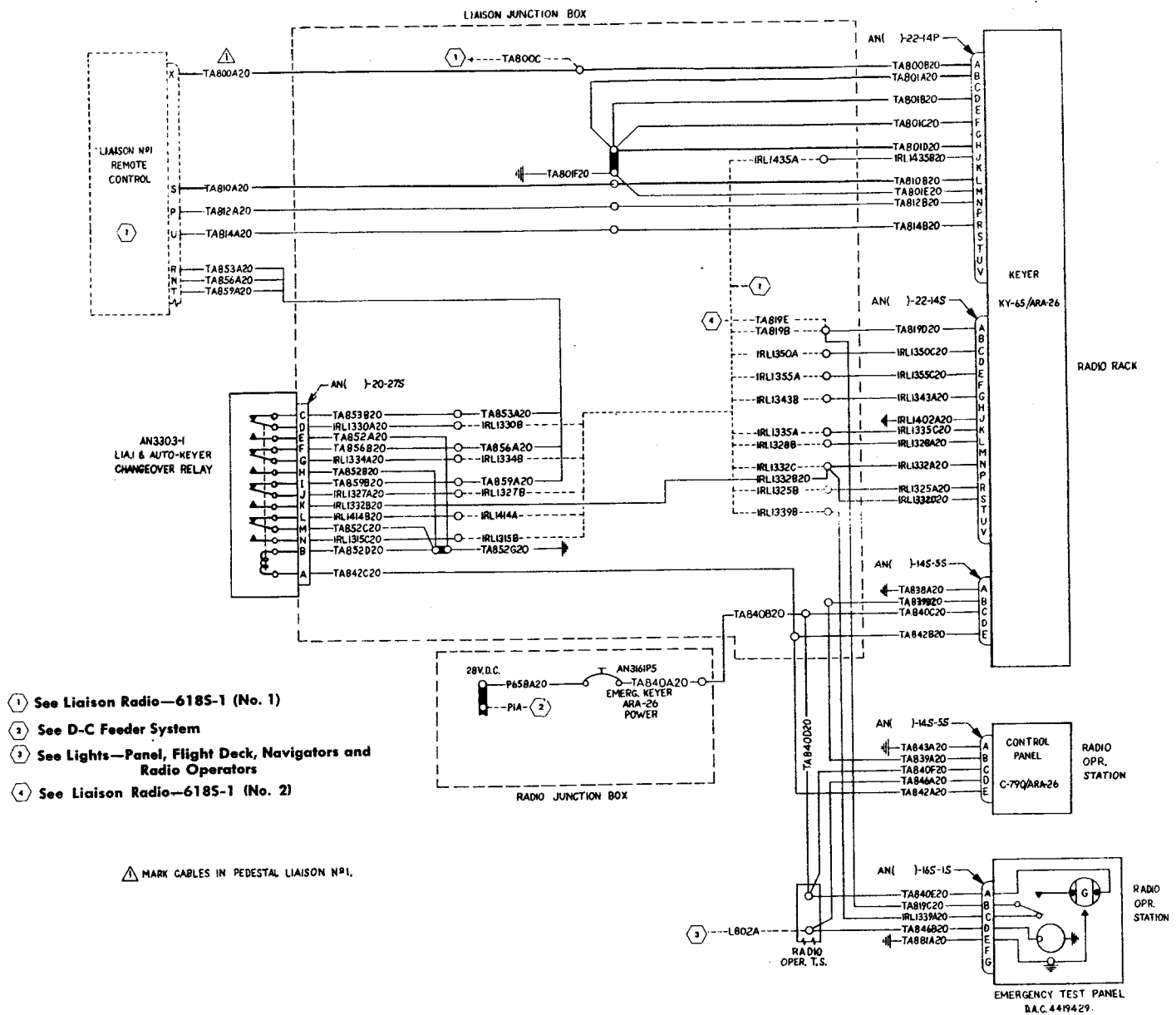


Figure 485A. Automatic Keyer - AN/ARA-26 (Aircraft 328 and Subsequent)

17.723

Figure 491 Deleted.

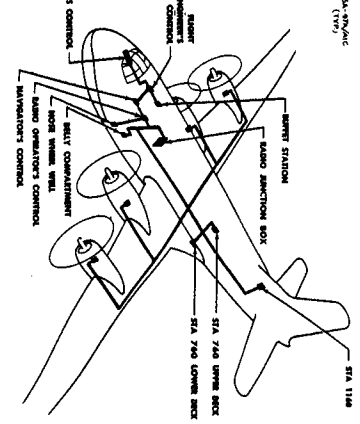
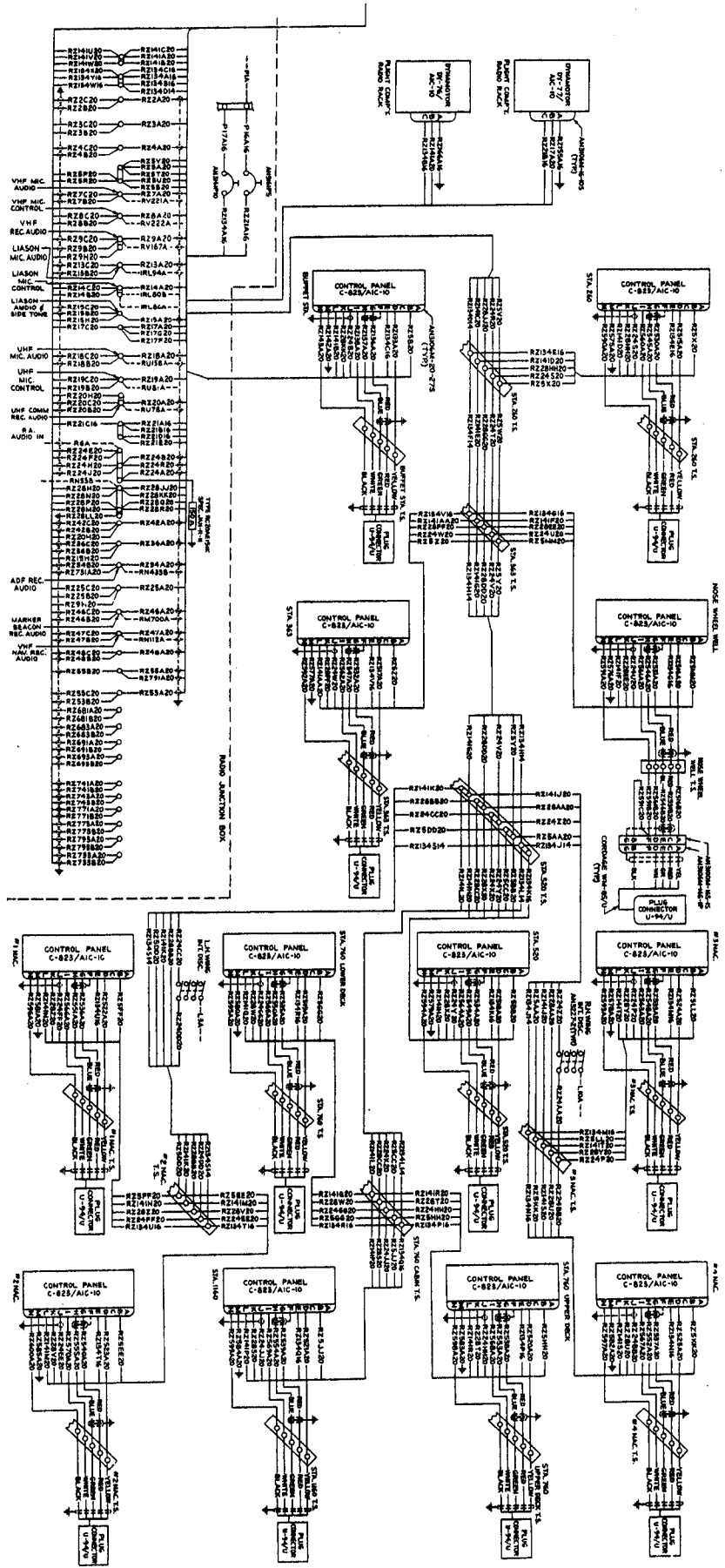


Figure 492 (Sheet 1 of 2). Interphone System -- AN/ALC-10 (Aircraft 245 through 299



498A

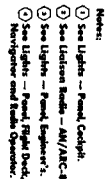


Figure 492A (Sheet 1 of 2). Interphone System --- AN/AIC-10 (Aircraft 300 through 327)

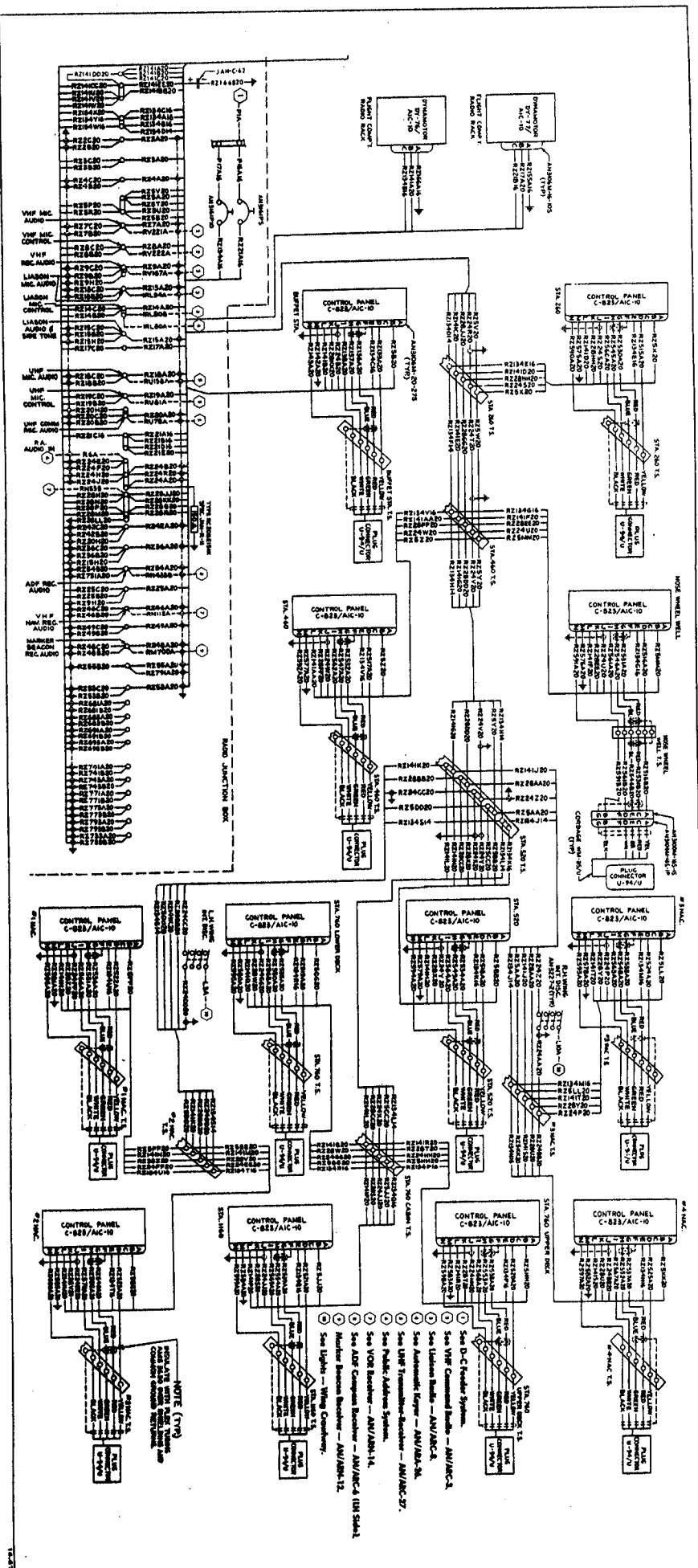
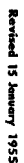


Figure 492A (Sheet 2 of 2). Interphone System - AN/ALC-10 (Aircraft 300 through 327)
Revised 15 January 1955



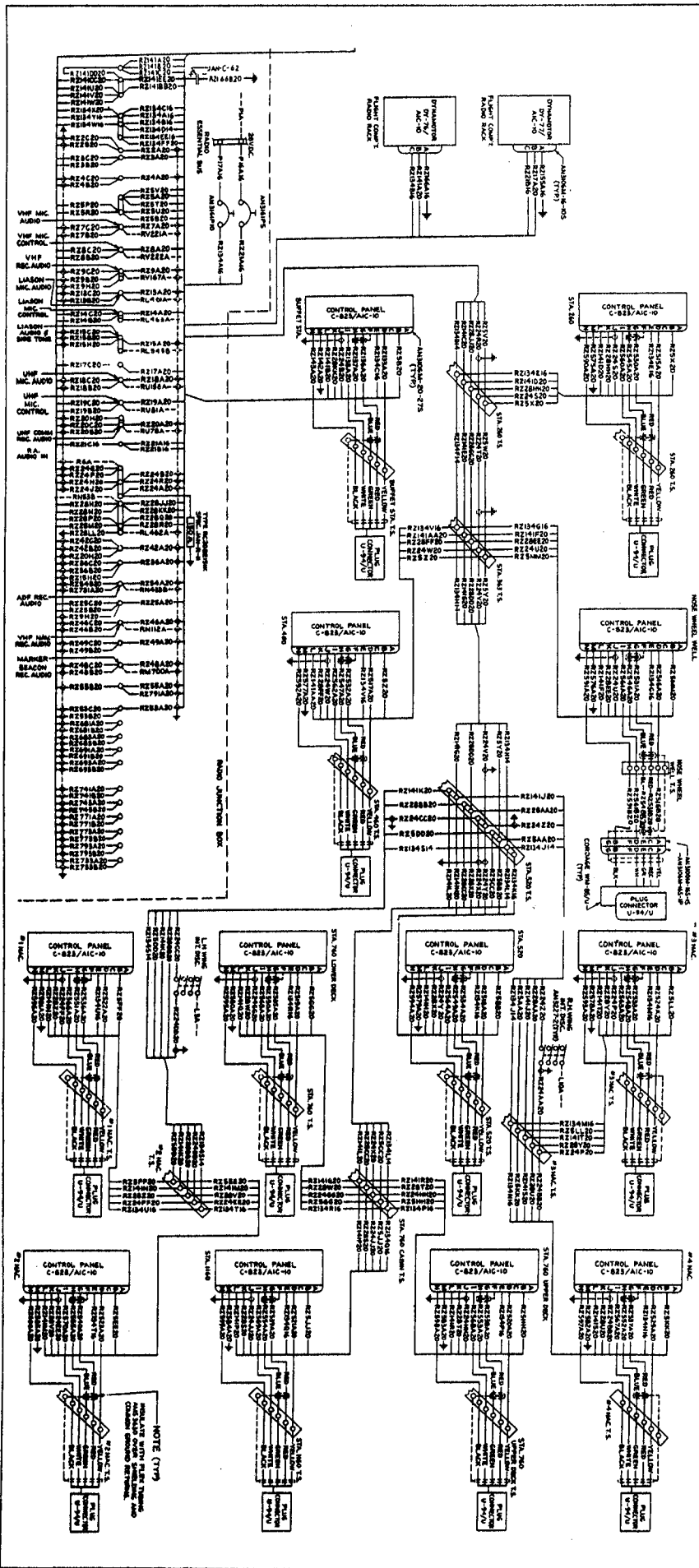


Figure 4928 (Sheet 2 of 3), Interphone System - AN/AIC-10 (Aircraft 328)

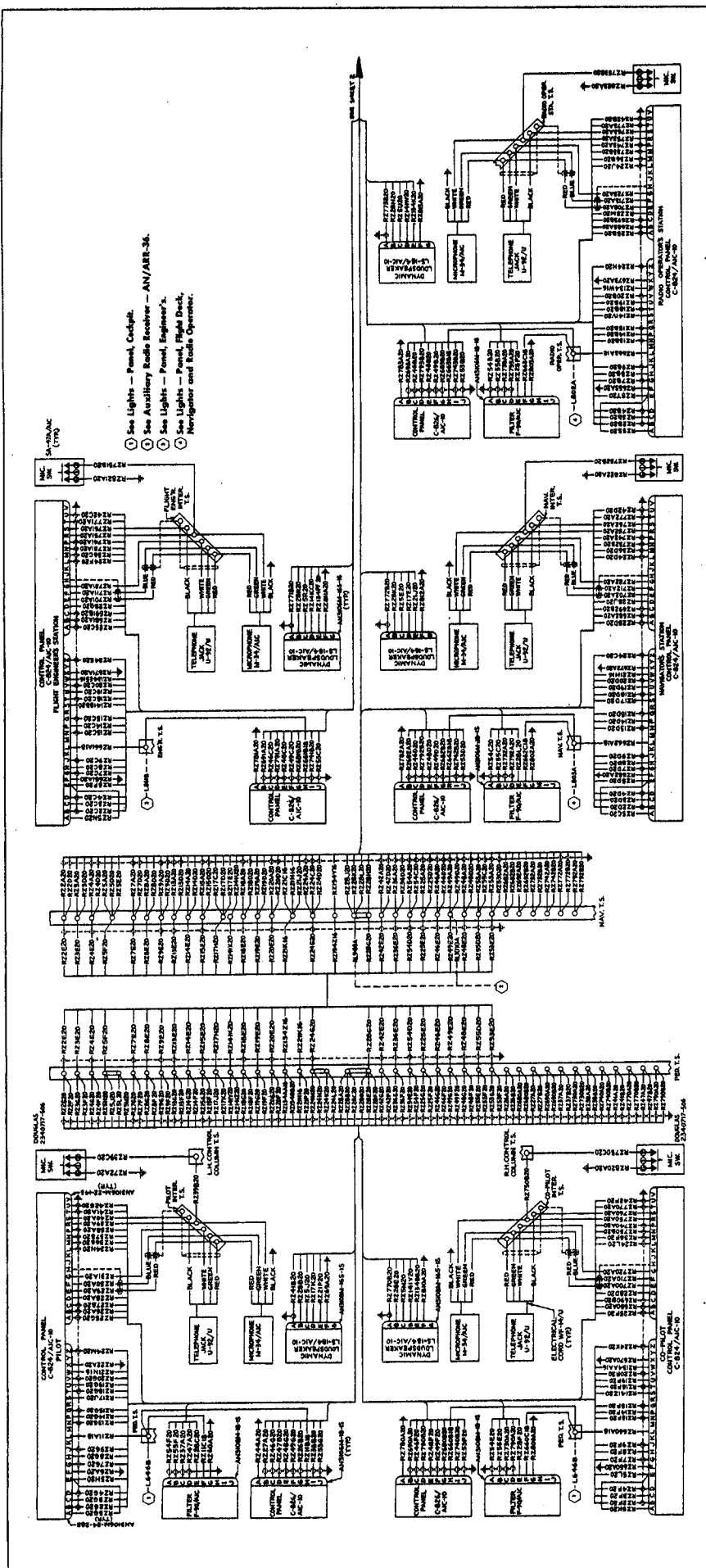


Figure 492C (Sheet 1 of 2). Interphone System - AN/AC-10 (Aircraft 329 Through 359)

Wiring Data Supplement

I.O. 1C-134A-2A

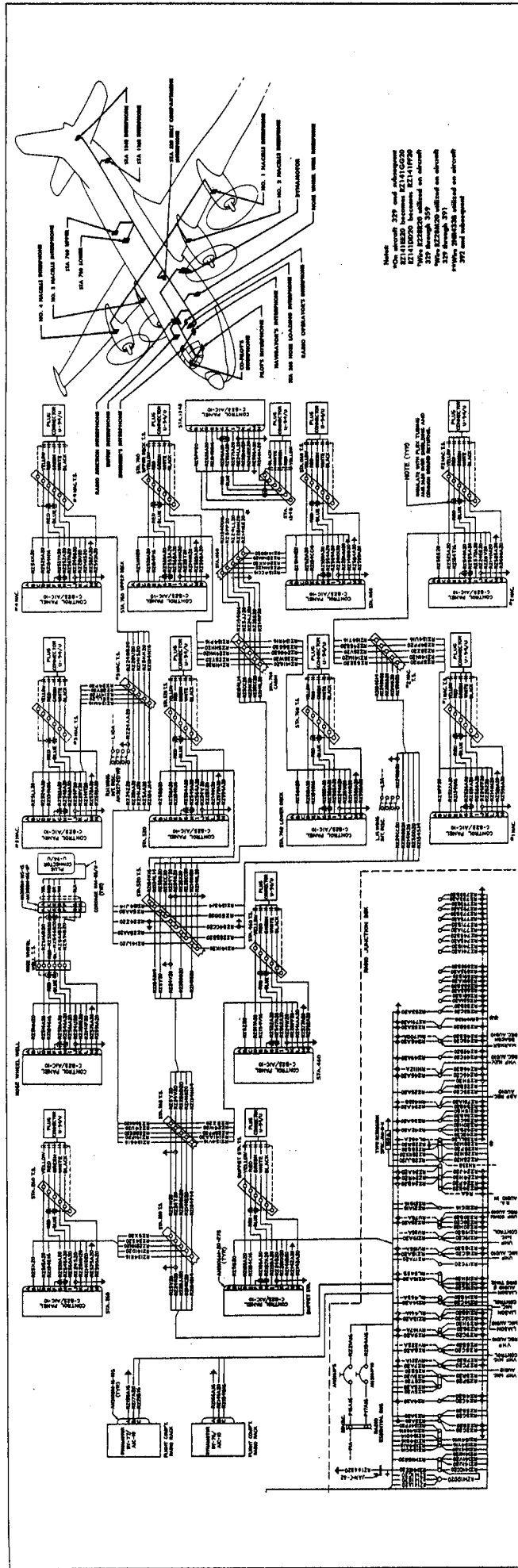


Figure 497C (Sheet 2 of 2) Interphone System - AN/AC-10 (Interph 229 through 229B)

Revised 15 January 1955

500C

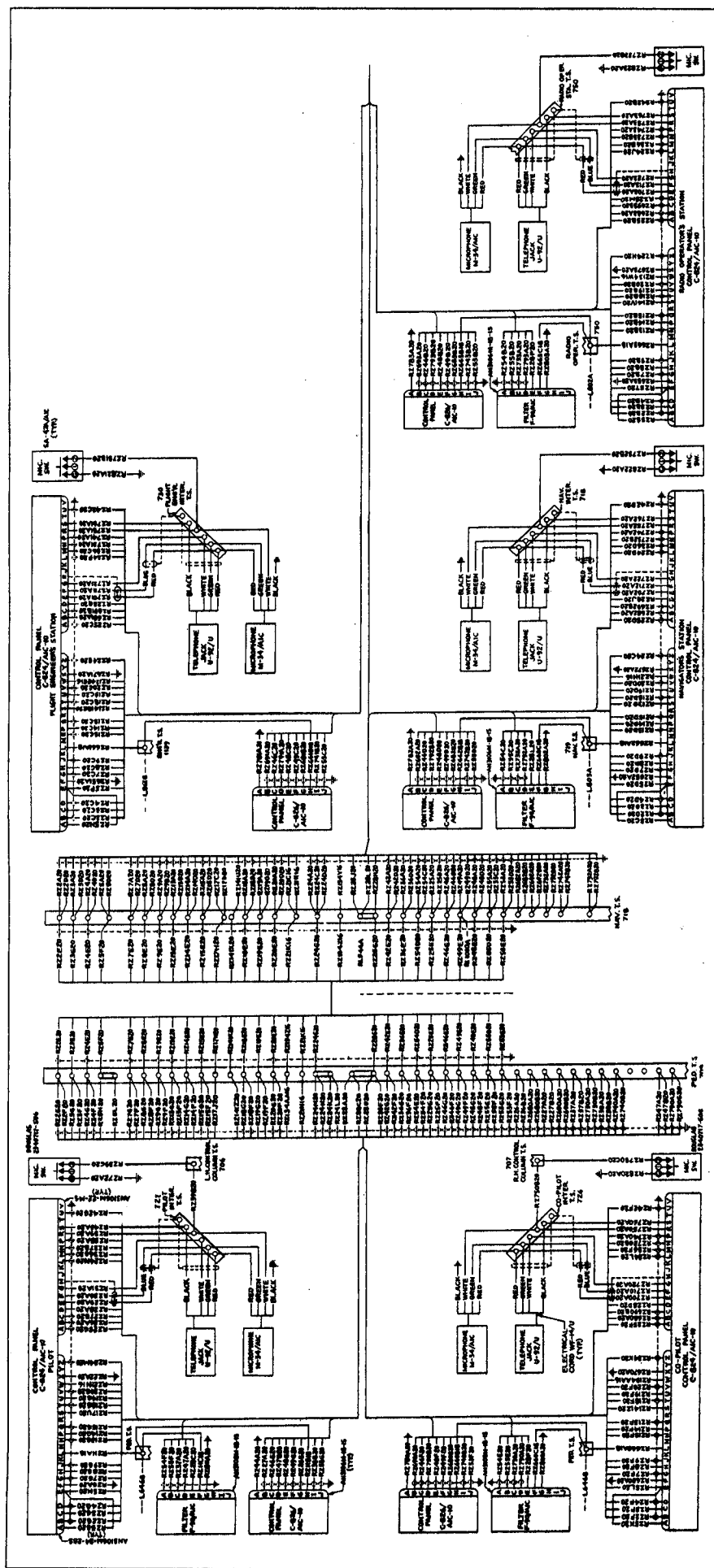


Figure 493 (Sheet 1 of 2). Interphone System - AN/AC-10 (Aircraft 360 through 421)

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- ② See Air Command - AN/ARC-3
- ③ See Air Command - AN/ARC-37
- ④ See Air Transmitter Receiver - AN/ARC-27
- ⑤ See ADP Compass Receiver - AN/ARC-4
- ⑥ See VOR Receiver - AN/ARN-14
- ⑦ See Marker Beacon Receiver - AN/ARN-12
- ⑧ See Public Address System
- ⑨ See Lights - Wing Command

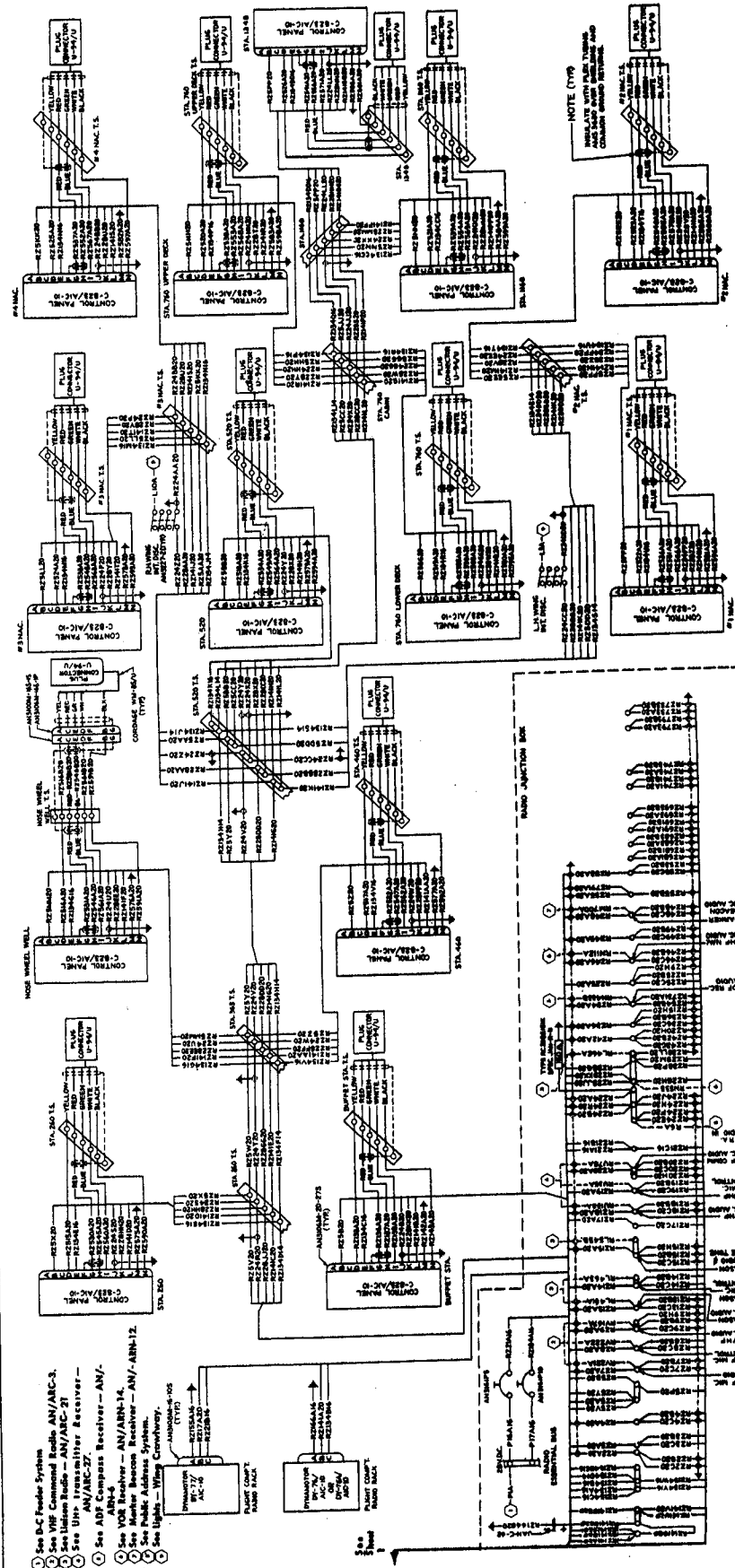


Figure 493 (Sheet 2 of 2). Interphone System - AN/ARC-10 (Aircraft 340 through 421)

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