

\*  
LEM

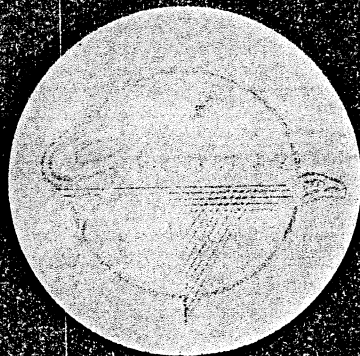
GUIDANCE, NAVIGATION AND CONTROL SUBSYSTEM

COURSE NO. 30315, 30415

STUDY GUIDE

FOR TRAINING PURPOSES ONLY

DATE MARCH 1, 1966



IMU CAGE  
ON  
  
OFF

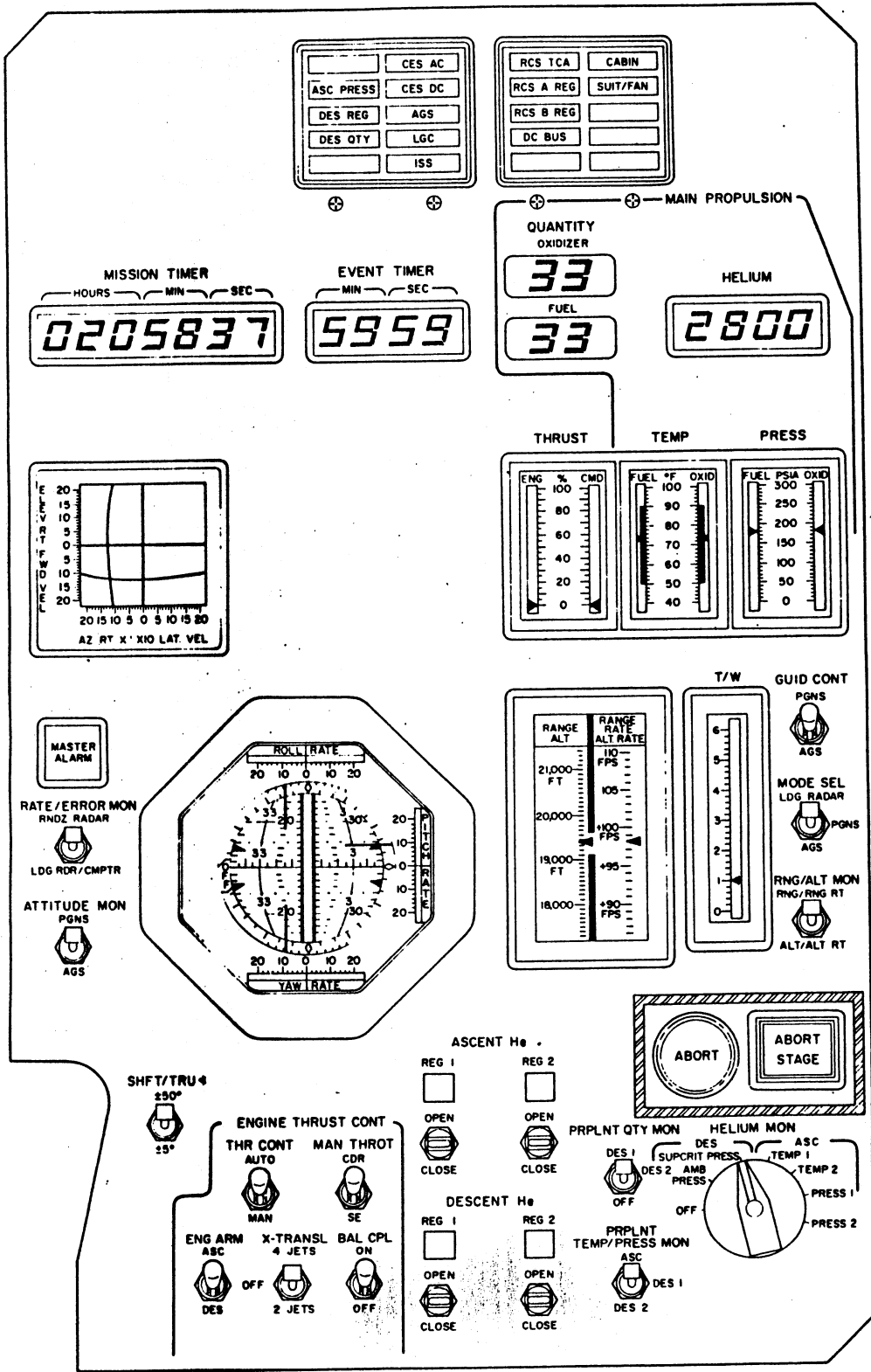
UPLINK ACTY	TEMP
NO ATT	GIMBAL LOCK
STBY	PROG
KEY REL	RESTART
OPP ERR	TRACKER

CMPTR ACTY	PROG
	13
VERB	NOUN
33	13
-92311	
+13270	
-46514	

VERB	+	7	8	9	CLR	ENTR
NOUN	-	4	5	6	STBY	RSET
	0	1	2	3	KEY REL	

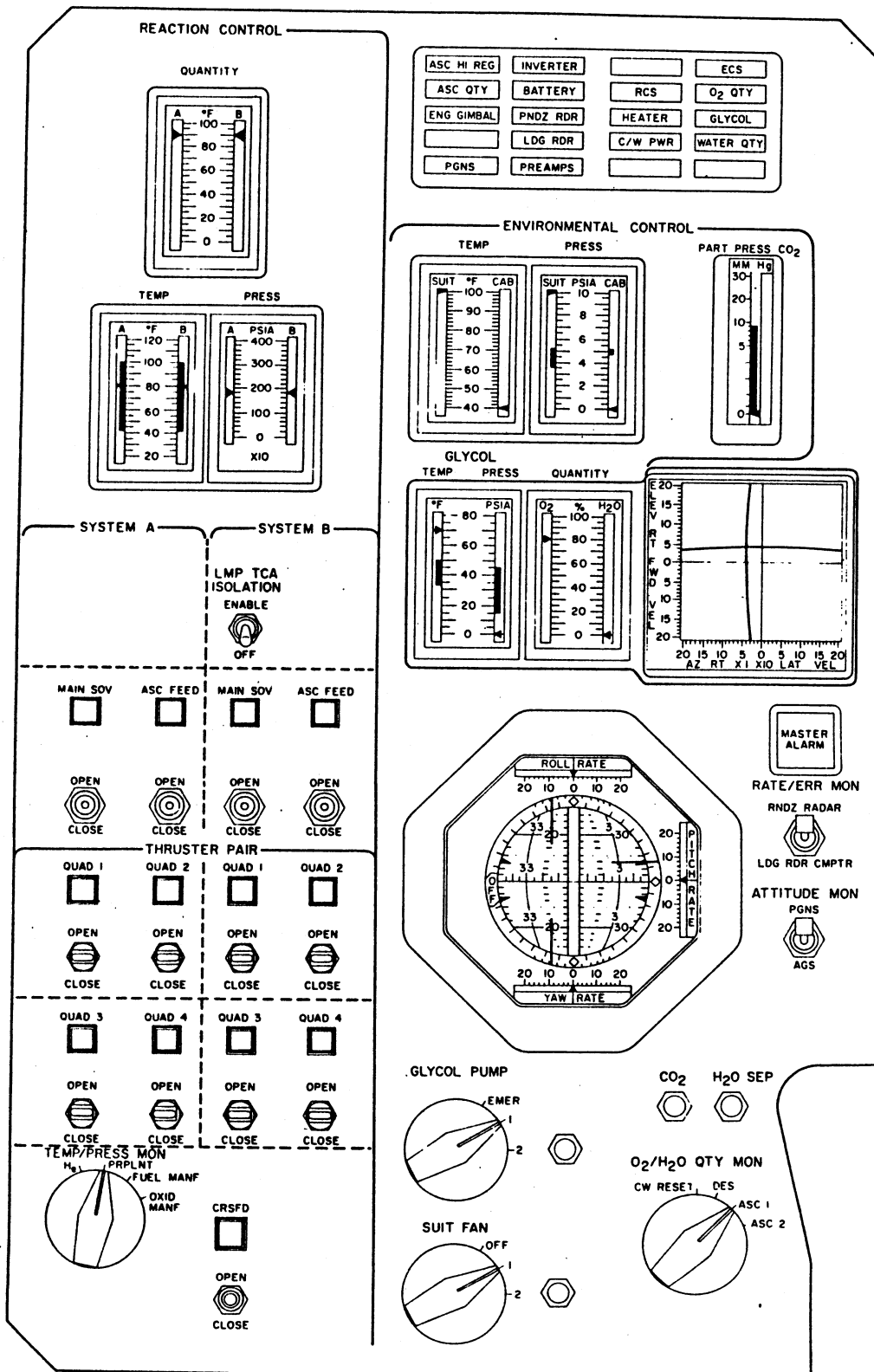
PANEL IV LM2

T30900-93  
APR 67



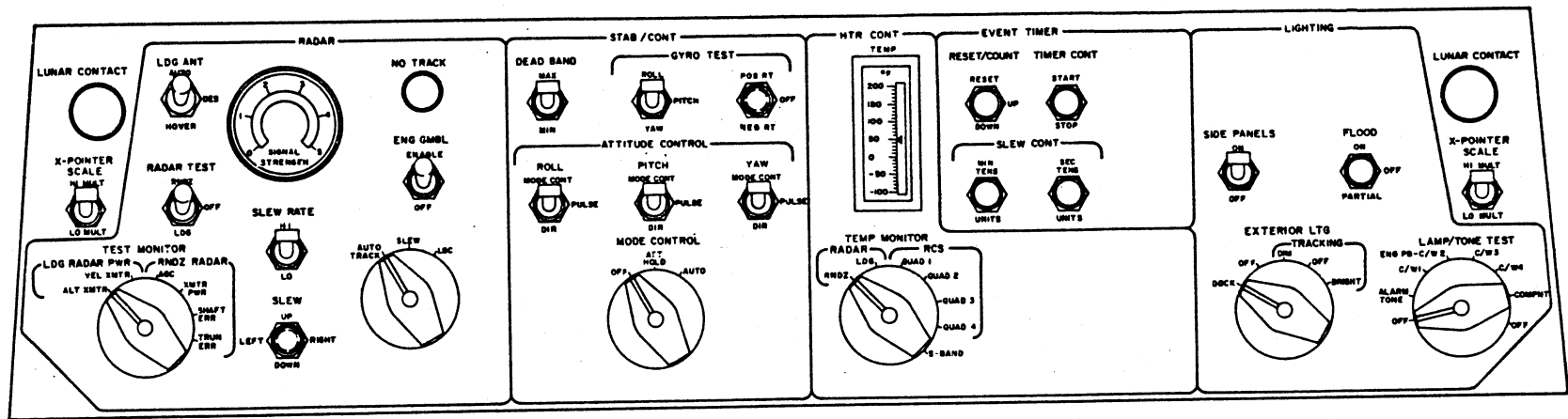
PANEL 1  
LM 2

T30900-85  
APR 67



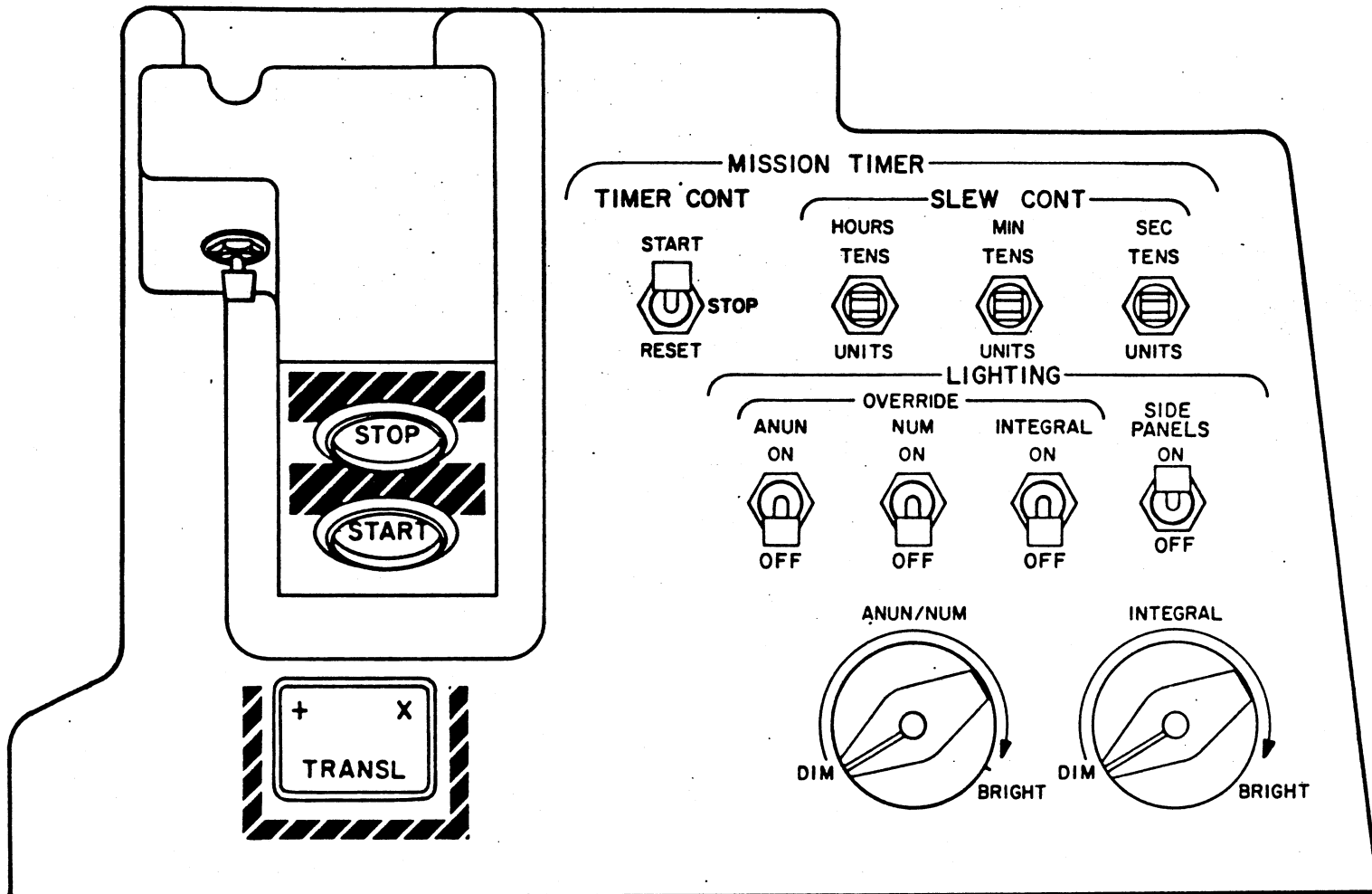
PANEL II  
LM 2





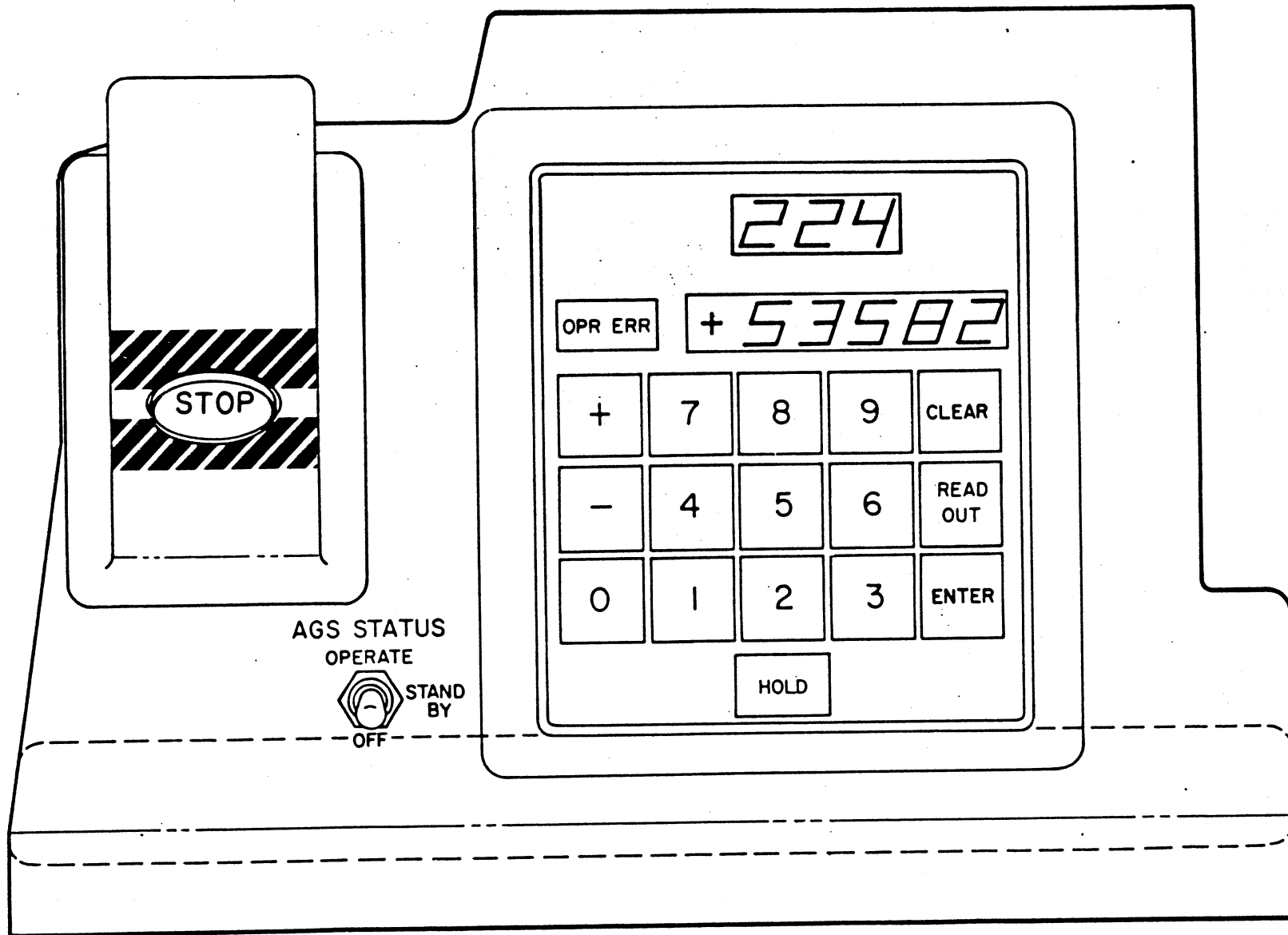
PANEL III  
LM2

T30900-87  
APR 67



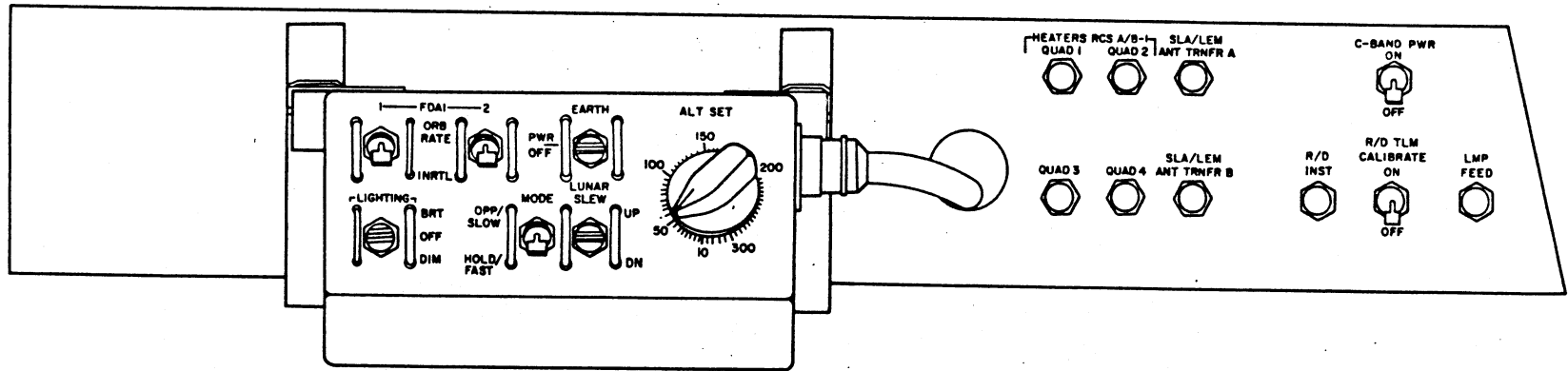
PANEL V  
LM 2

T30900-88  
APR 67



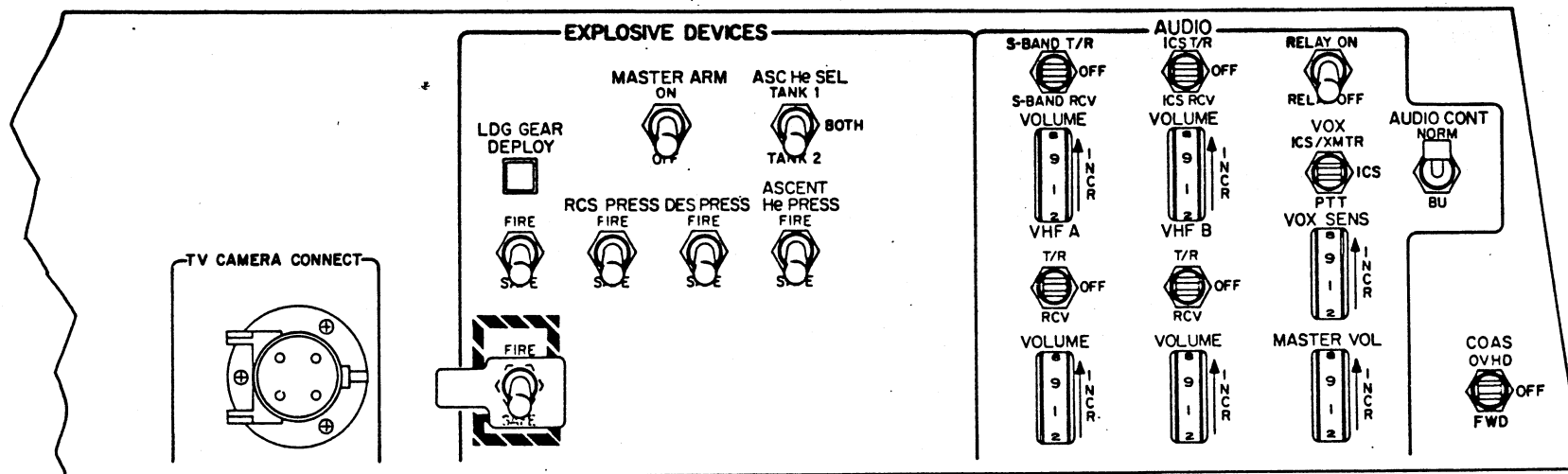
PANEL VI LM2 & SUB

T30900-89  
APR 67



PANEL X  
LM-2

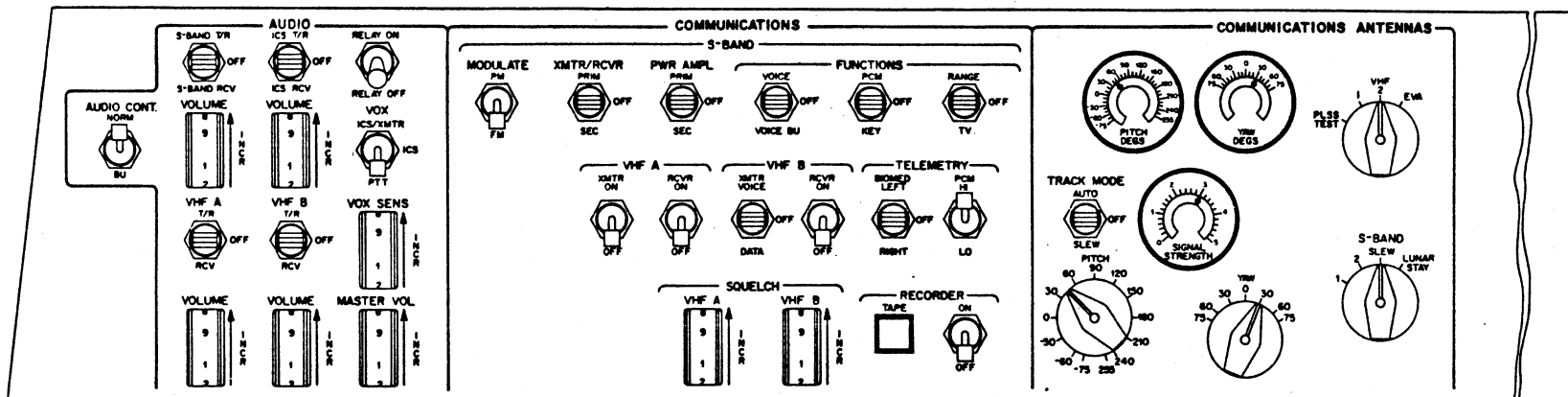
T30900-96  
APR 67



PANEL VIII  
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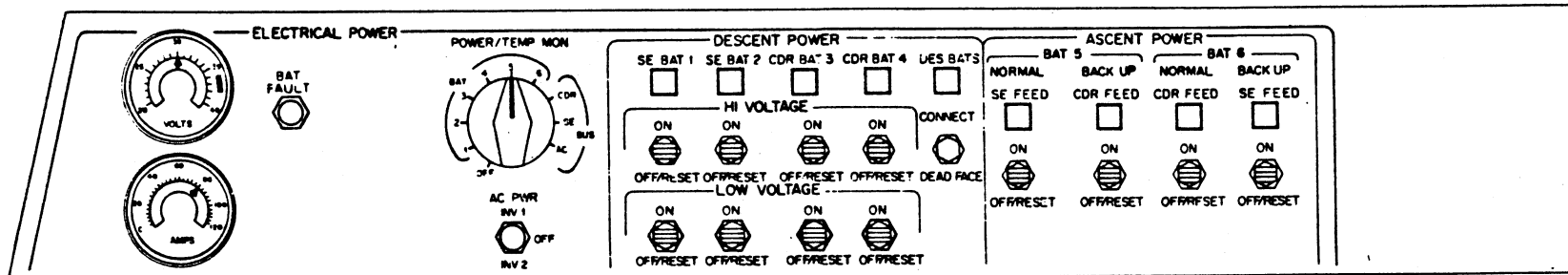
T30900-90  
APR 67

7-A



PANEL XII  
LM2

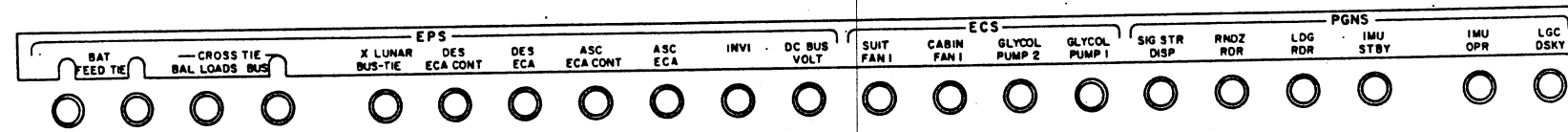
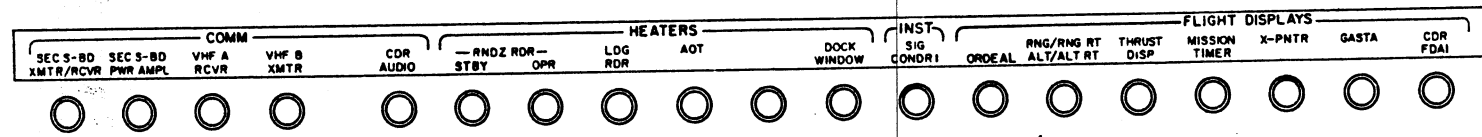
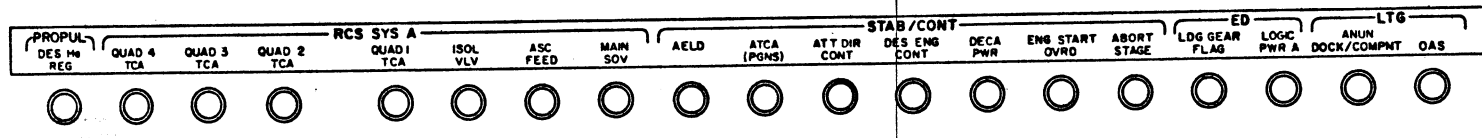
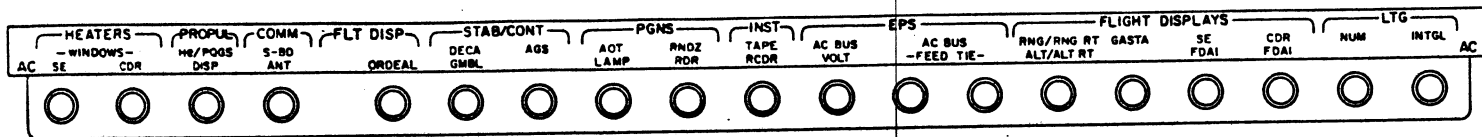
T30900-91  
APR 67



PANEL XIV LM2

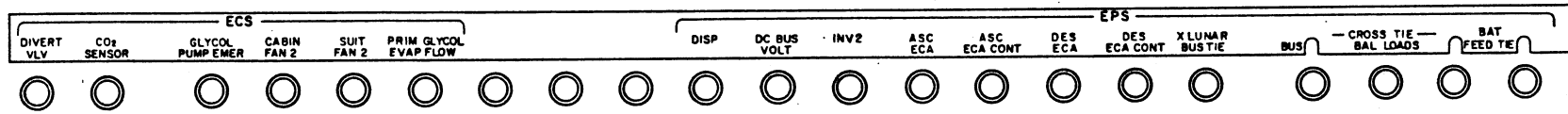
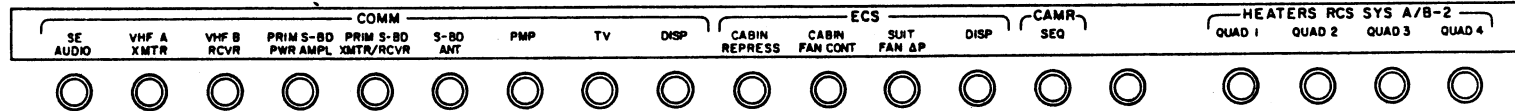
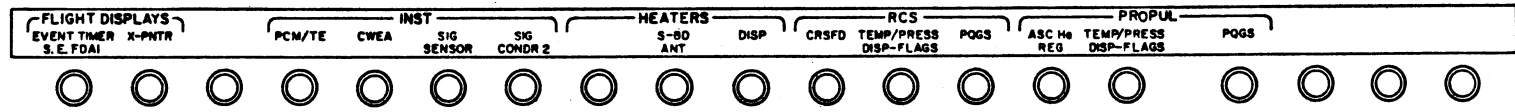
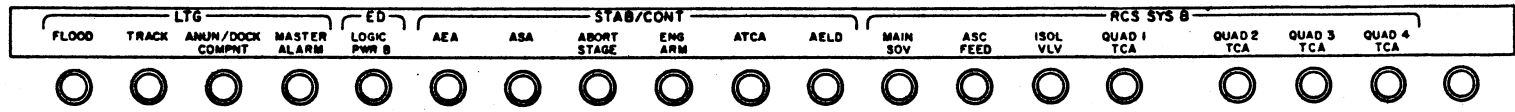
T30900-92  
APR 67





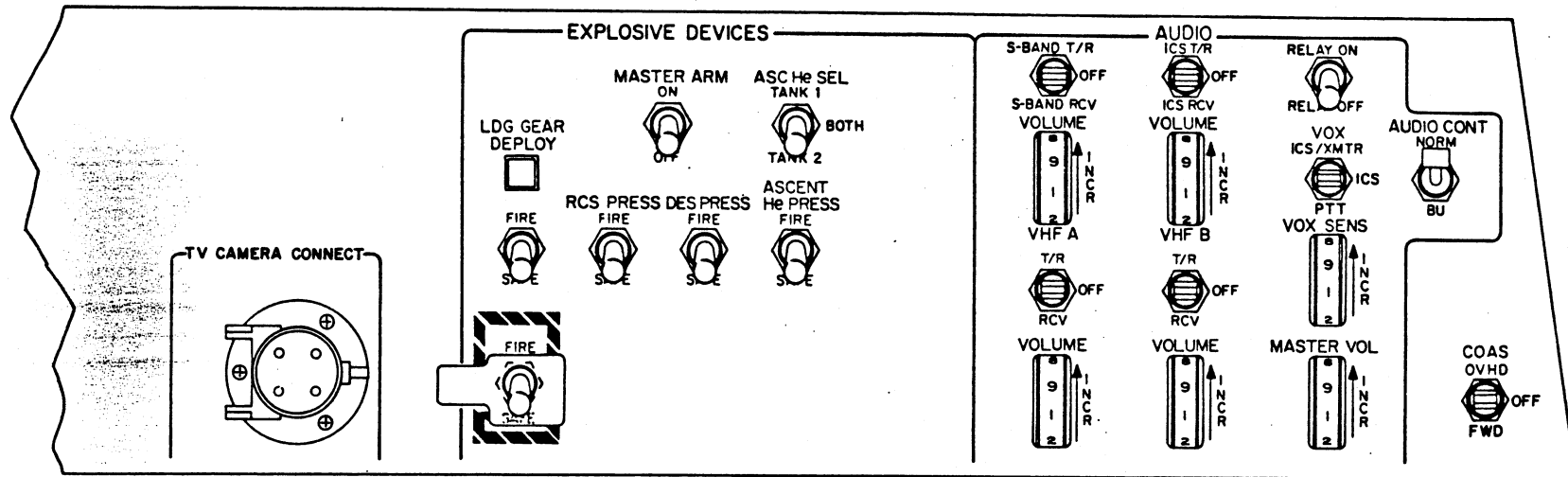
PANEL XI  
LM2

T30900-94  
APR 67



PANEL XVI  
LM2

T30900-95  
APR 67



PANEL VIII  
LM2

T30900-90  
APR 67

6-7

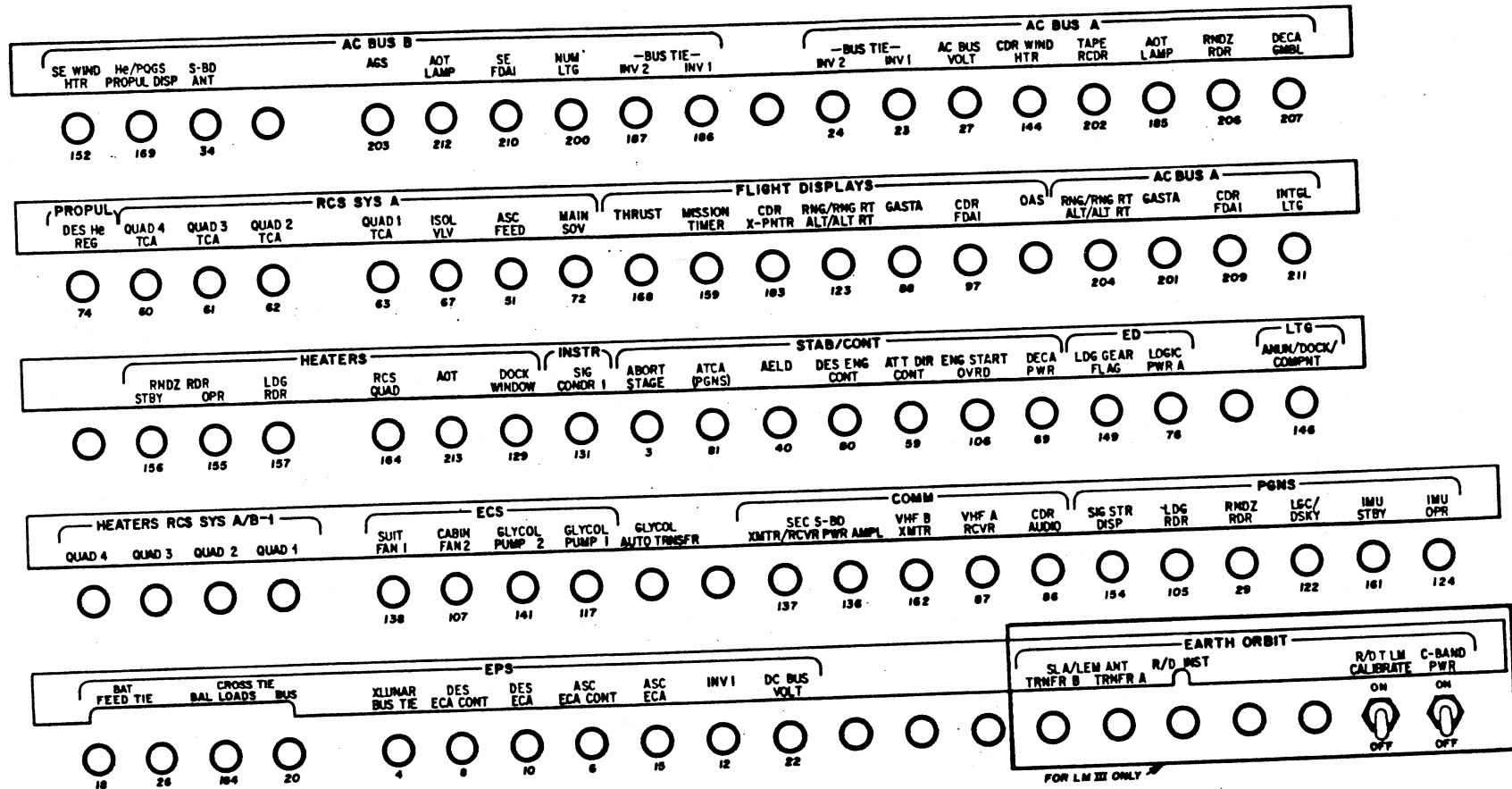
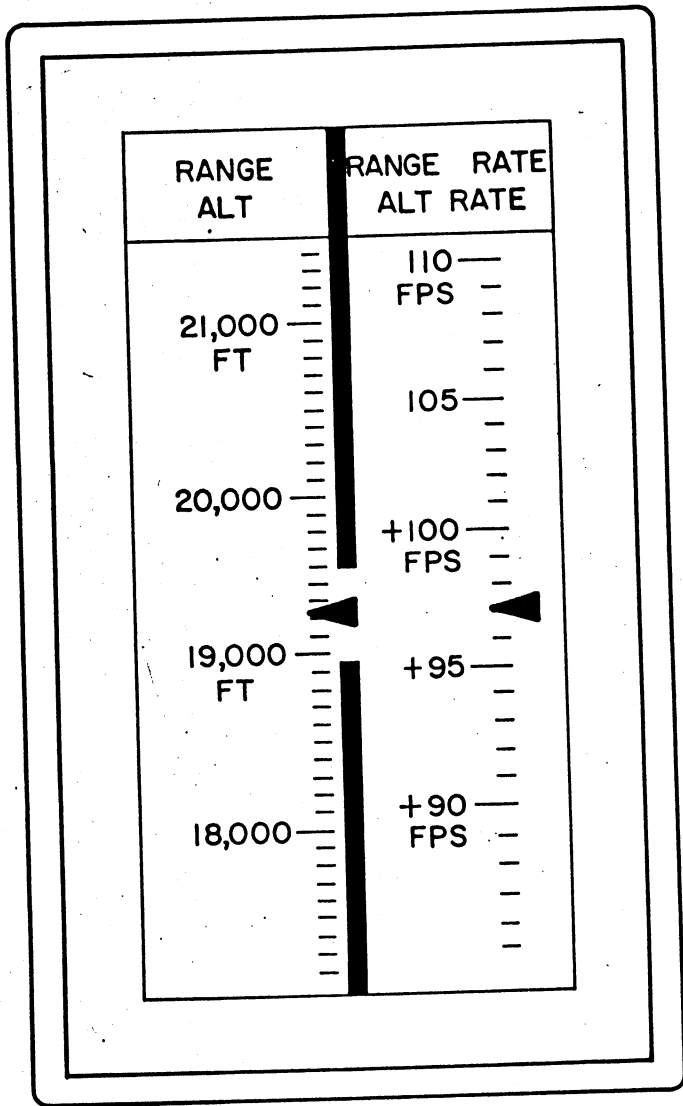


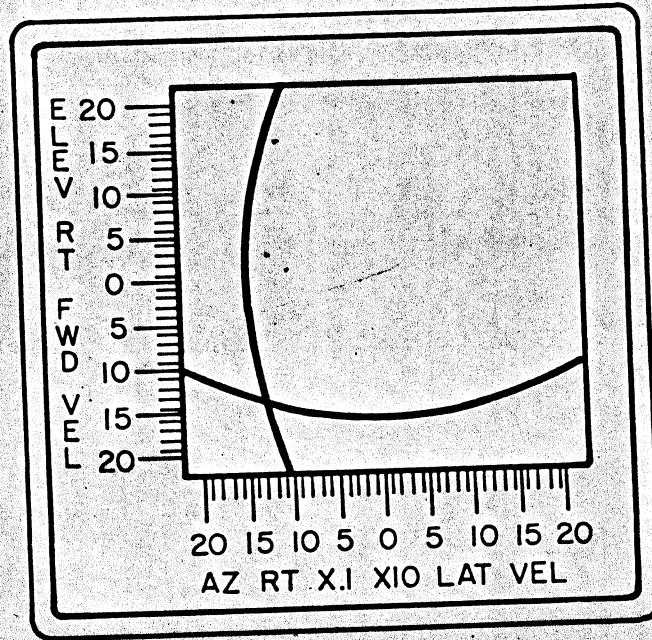
FIGURE 6-6. COMMANDER'S CIRCUIT BREAKER (PL XI)



ALTITUDE / RANGE INDICATOR 9M9

T30405-112  
MAY 66

115

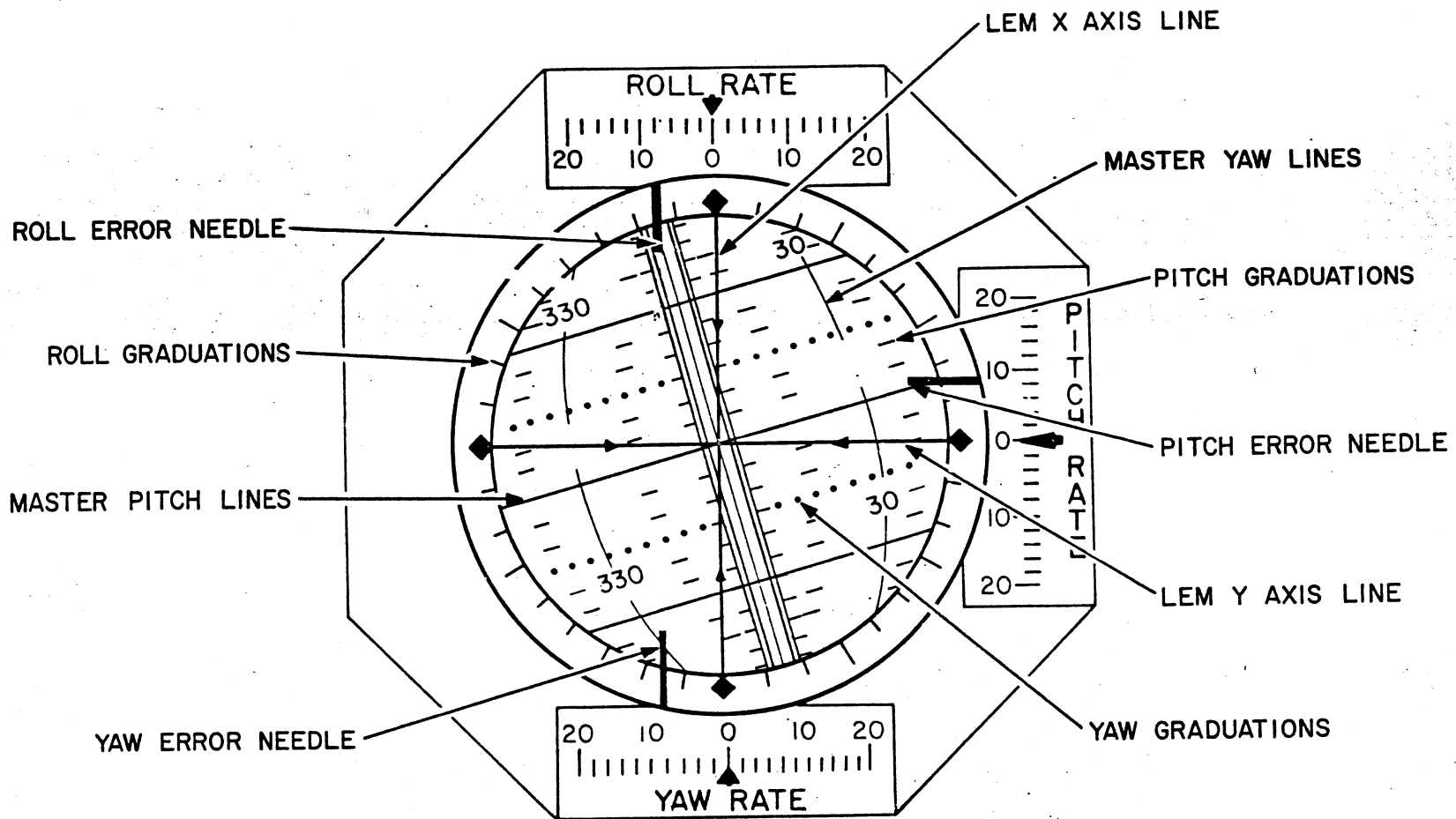


X-Pointer Indicator  
9M2 AND 9M3

T30405-96  
MAY 66

FIG. 4-3

116

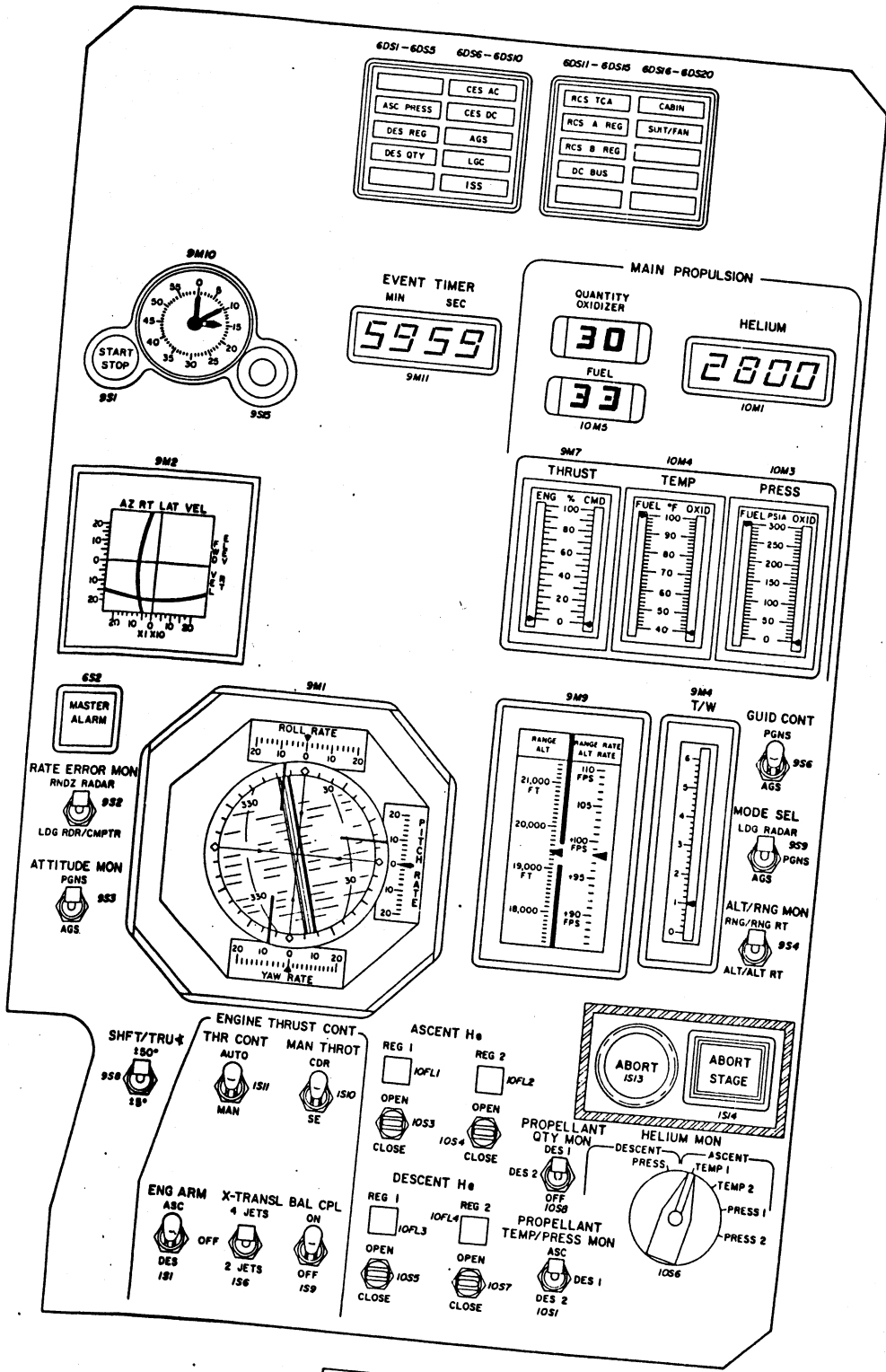


FLIGHT DIRECTOR ATTITUDE INDICATOR  
9MI & 9M6

T30405-85  
APRIL 66

Fig. 4-11

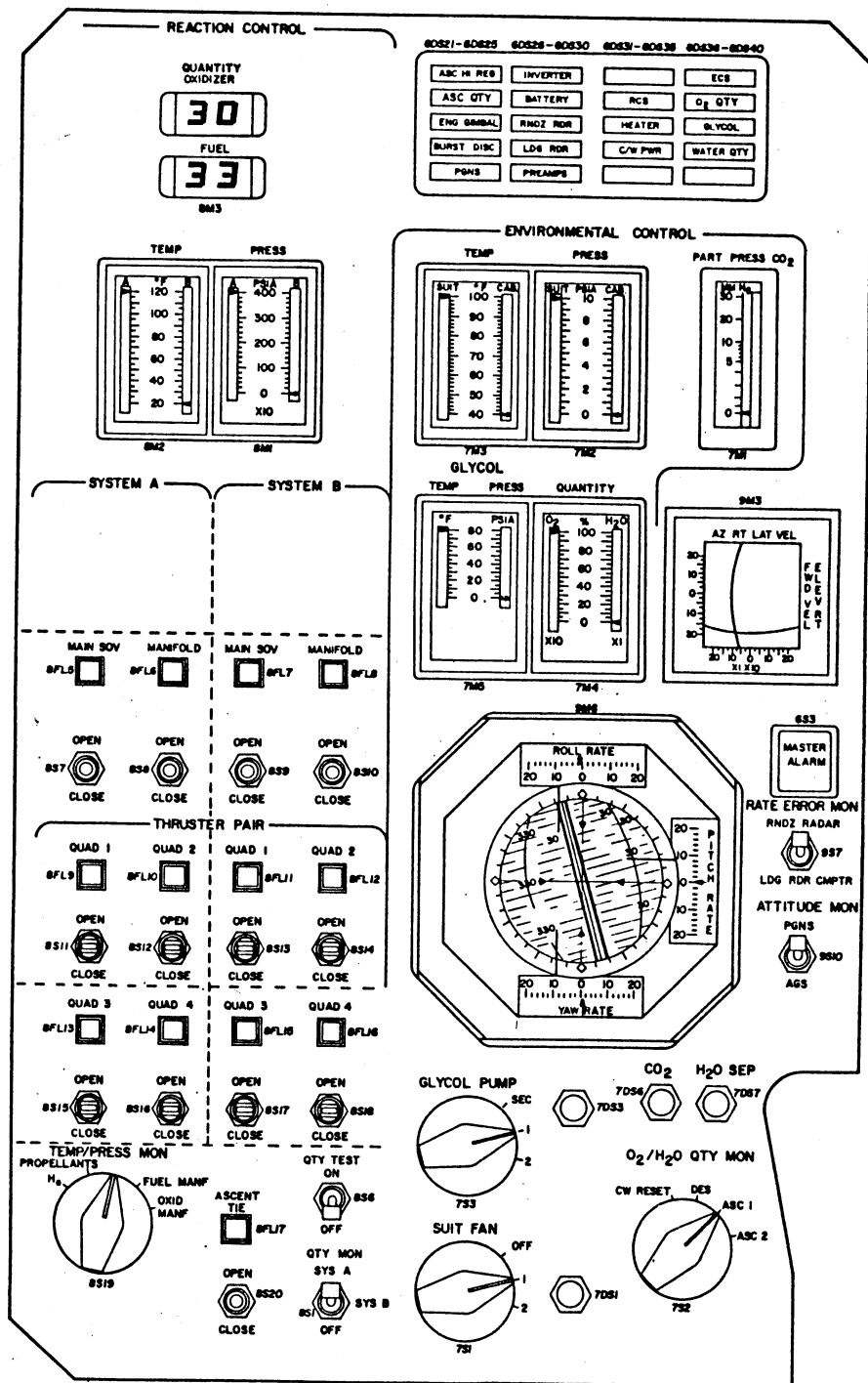




PANEL I

T30900-1  
FEB 66

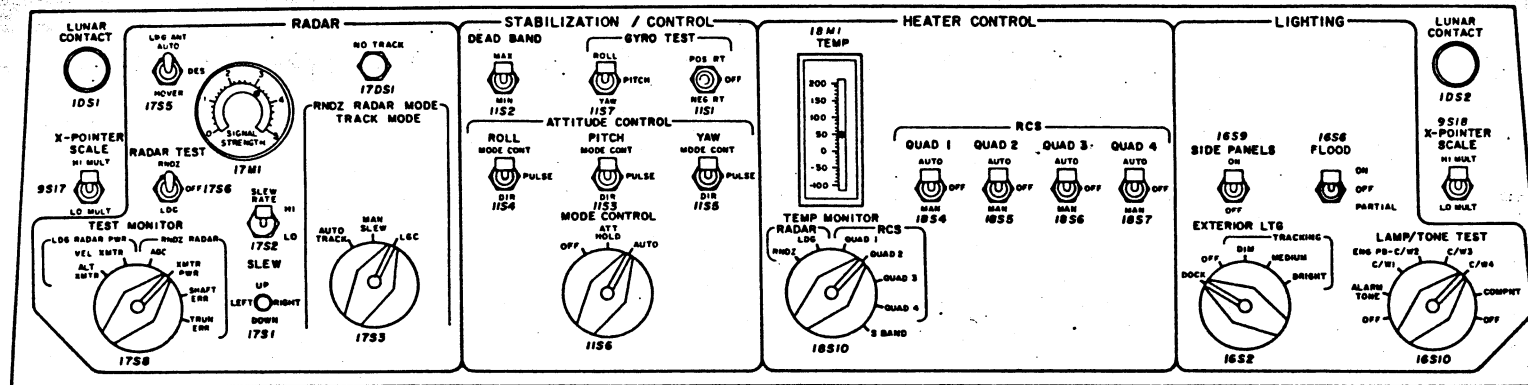
Fig. 4-5



PANEL II

T30900-2  
FEB 66

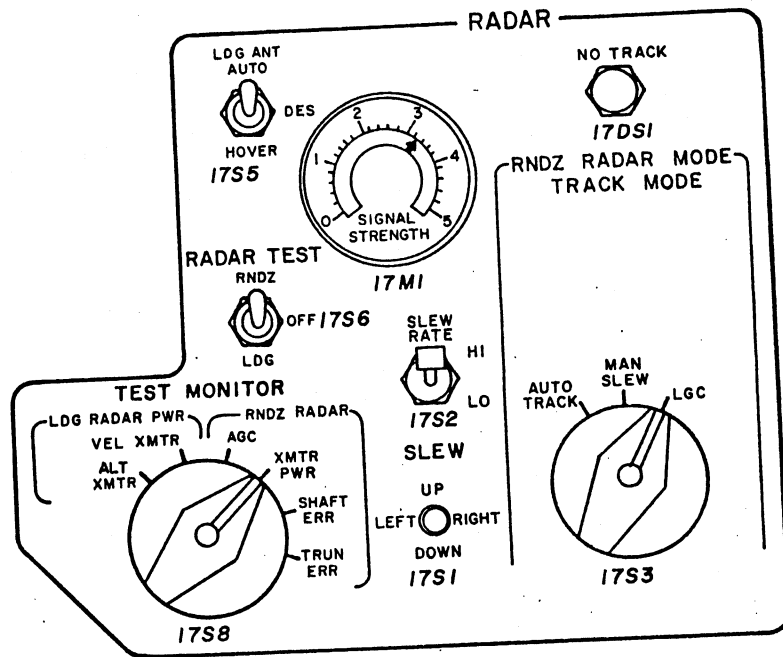
119



PANEL III

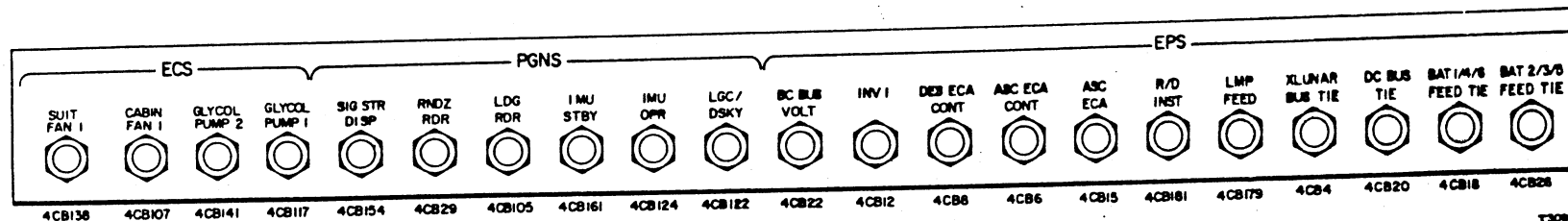
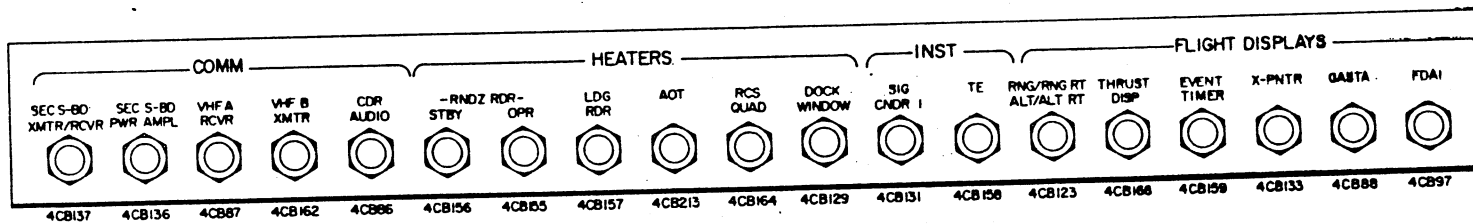
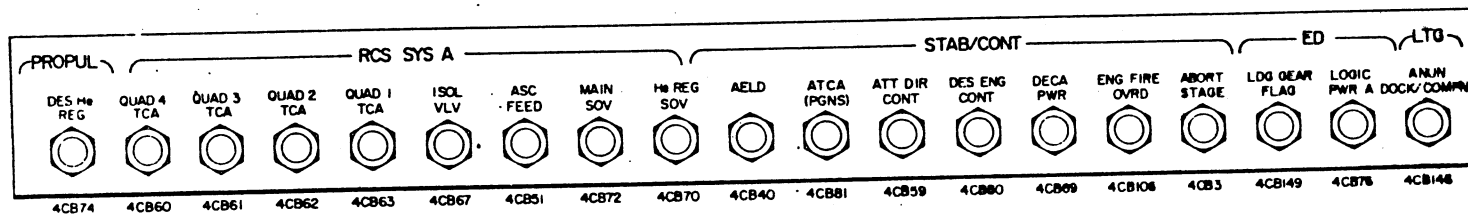
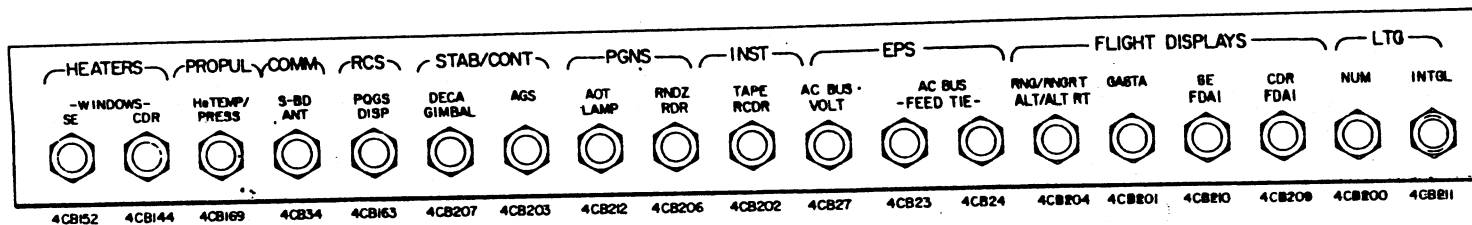
T30900-3  
FEB 66

Fig. 4-7



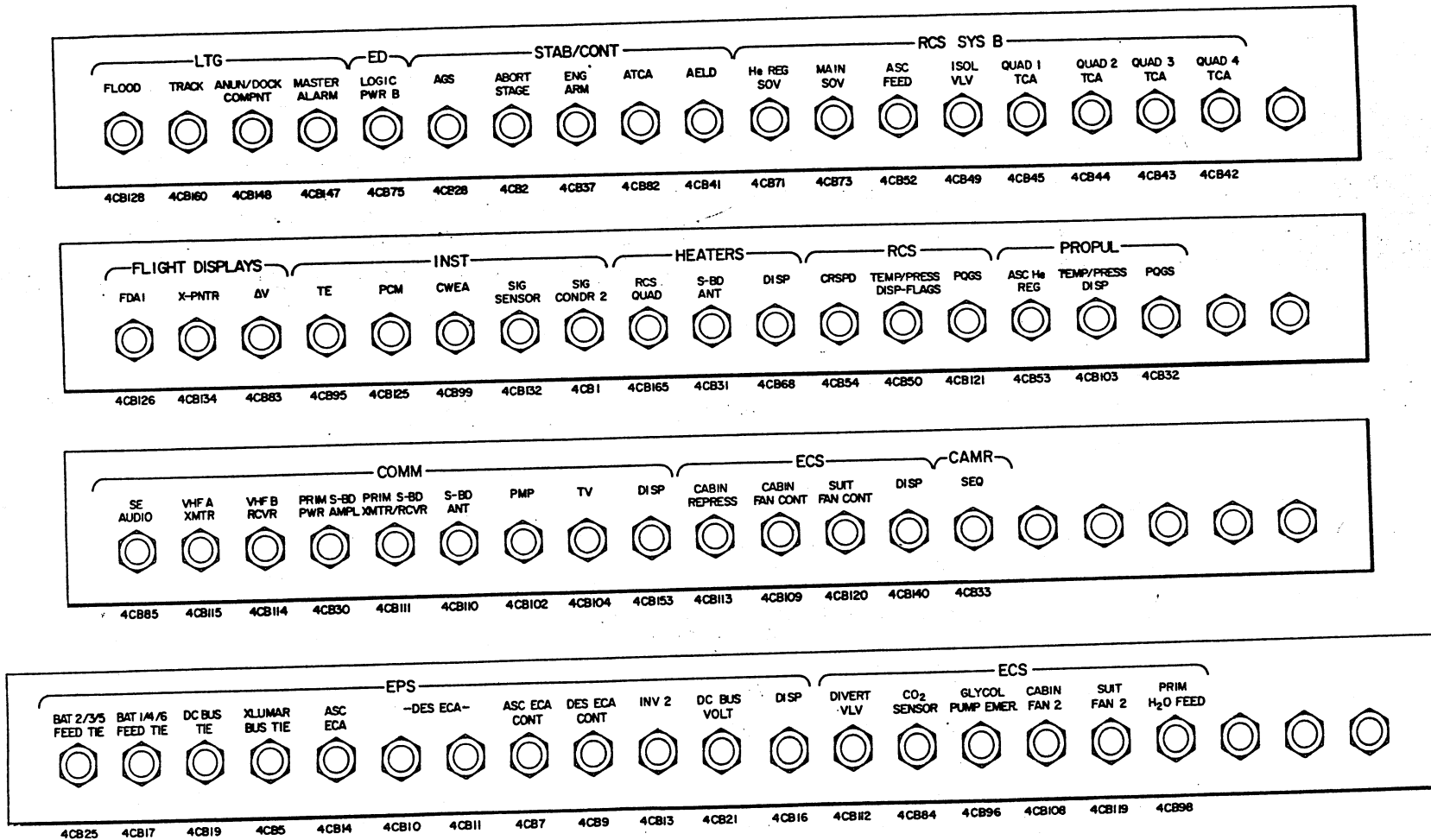
RADAR PANEL (PART OF PANEL III)

T30405-11  
MAY 66



PANEL XI

T30800-80  
DEC 65

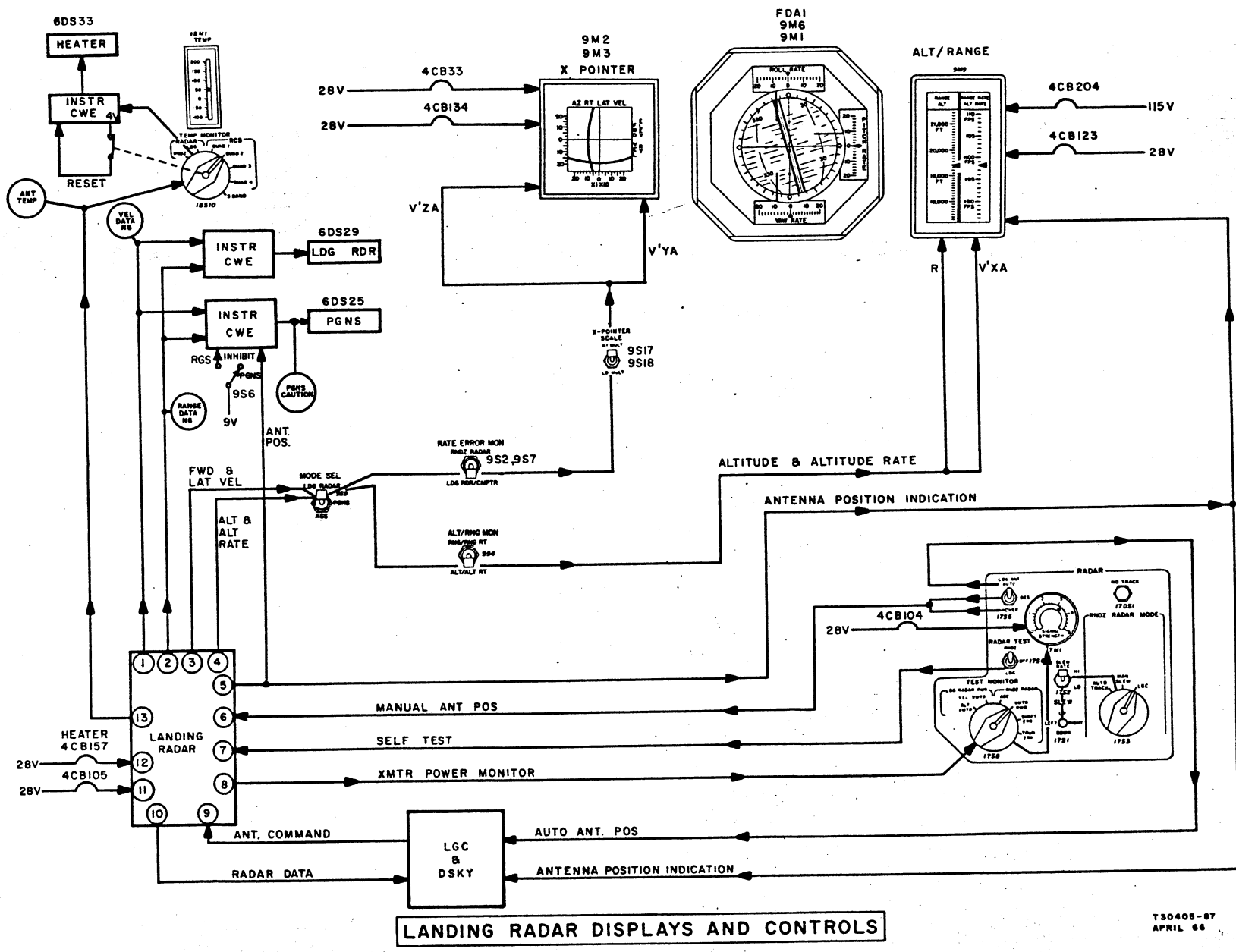


PANEL XVI

T30900-21  
DEC 65

123

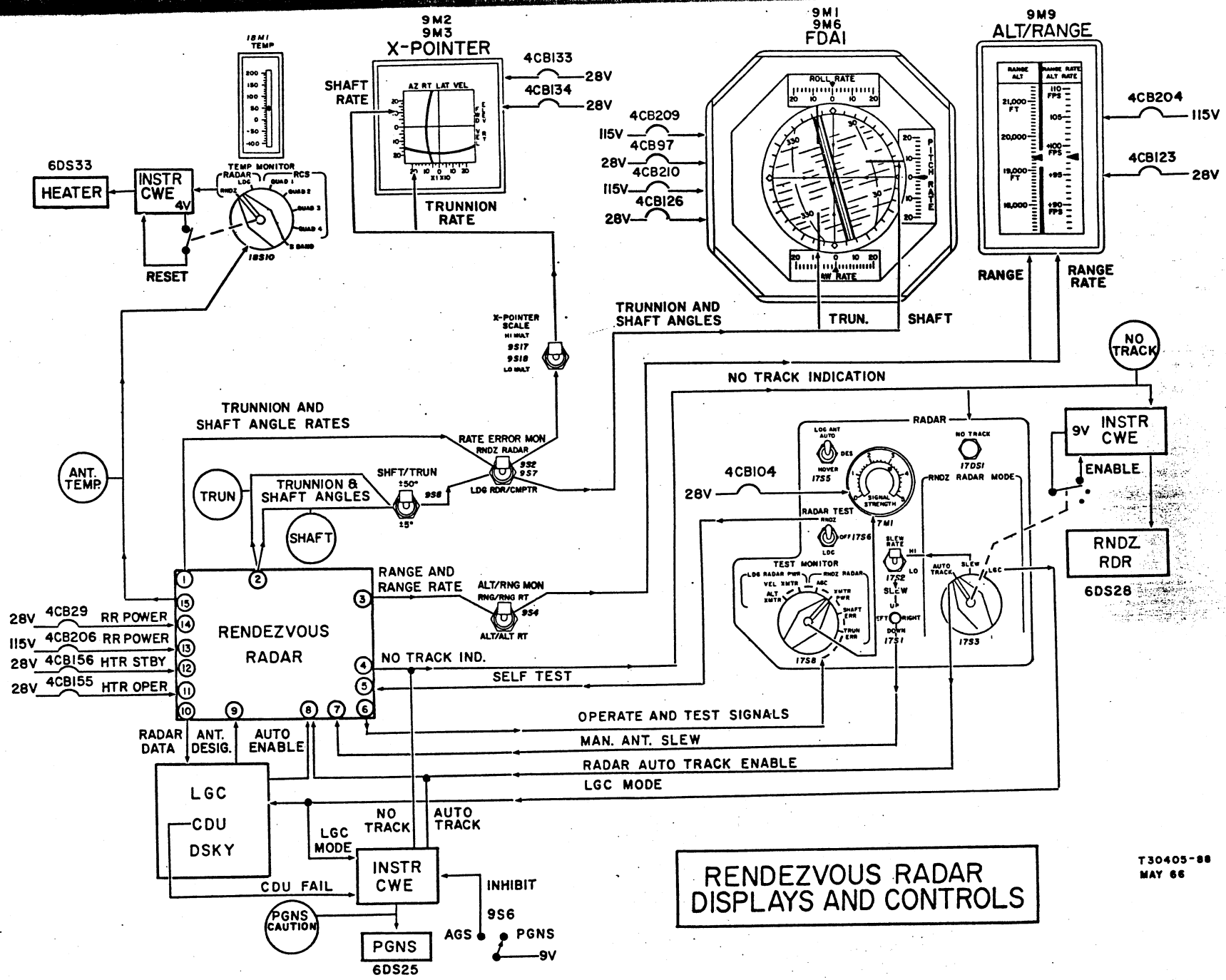
FIG. 4-11



LANDING RADAR DISPLAYS AND CONTROLS

T30405-87  
APRIL 66



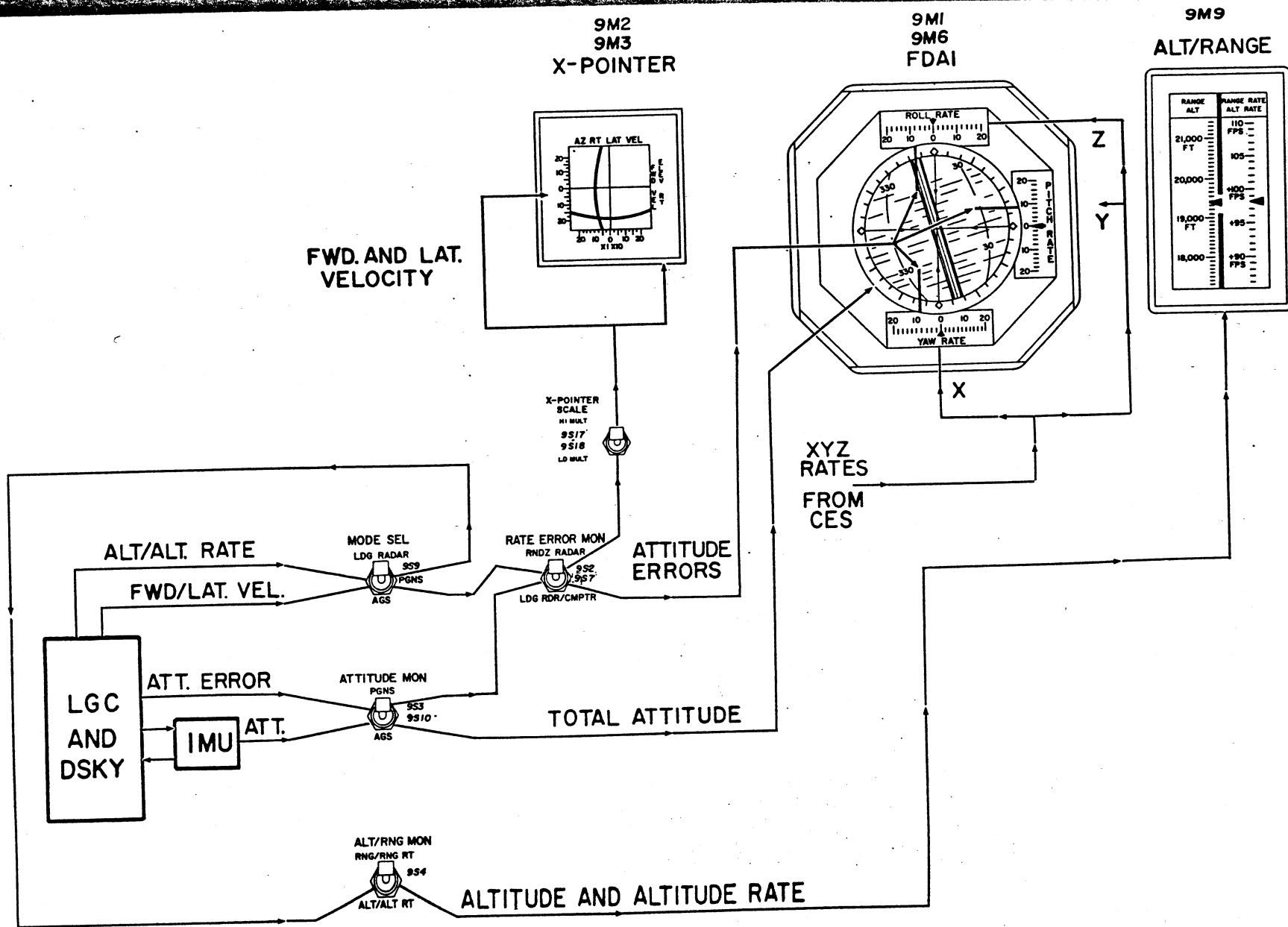


**RENDEZVOUS RADAR DISPLAYS AND CONTROLS**

T30405-88  
MAY 66

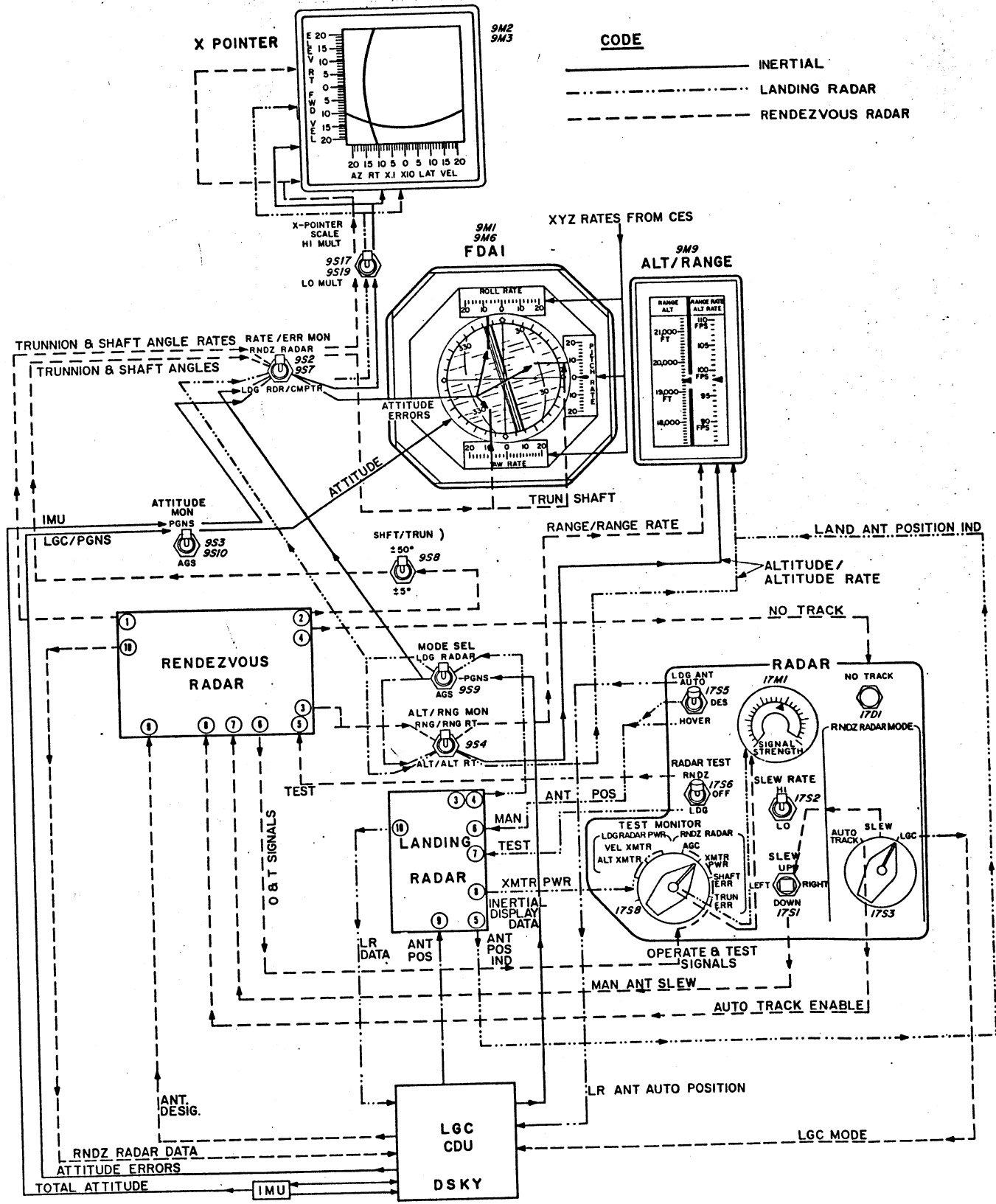
124

Fig. 4-12

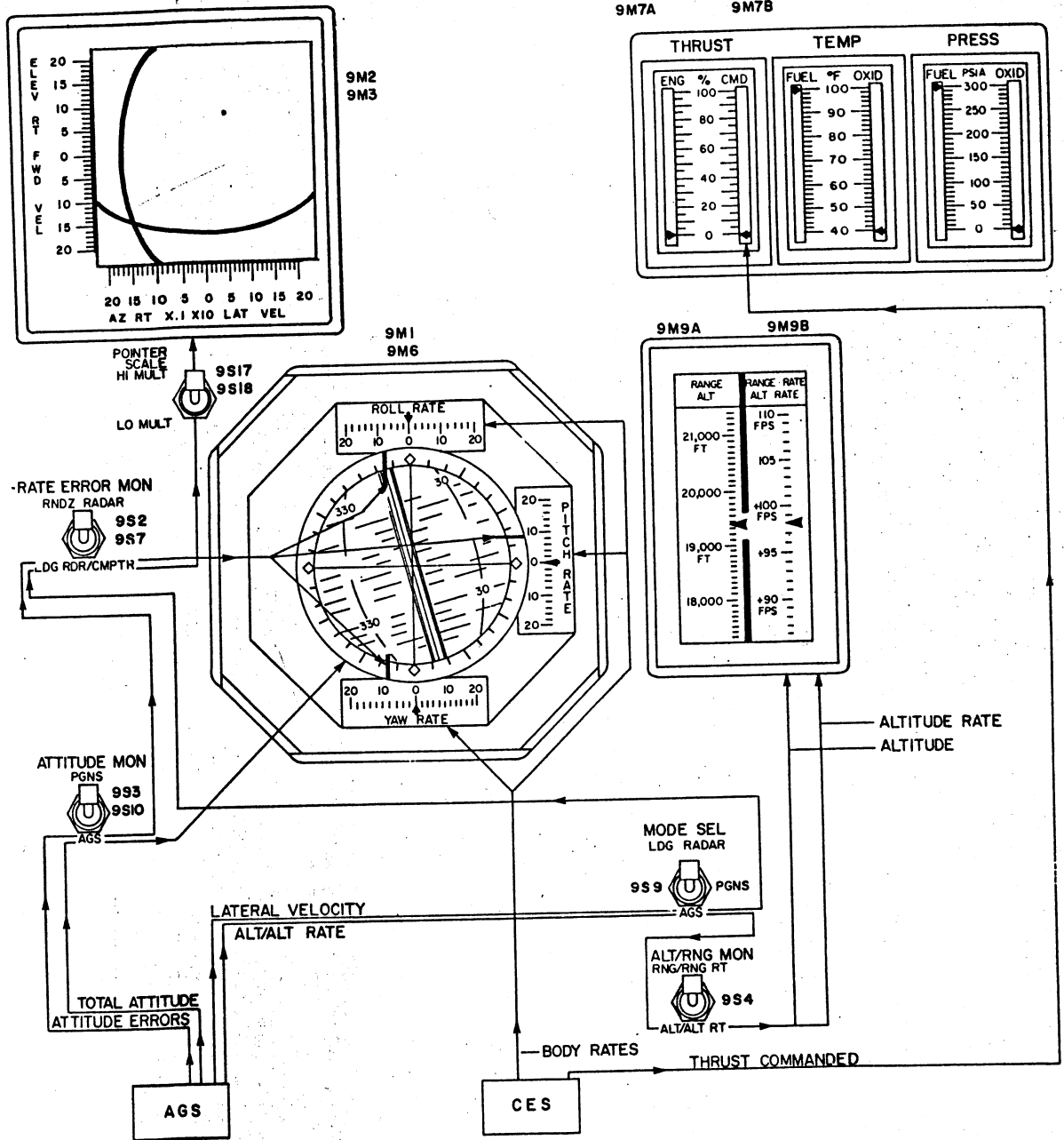


**PGNS DISPLAYS AND CONTROLS**

T30405 - 89  
MAY 66

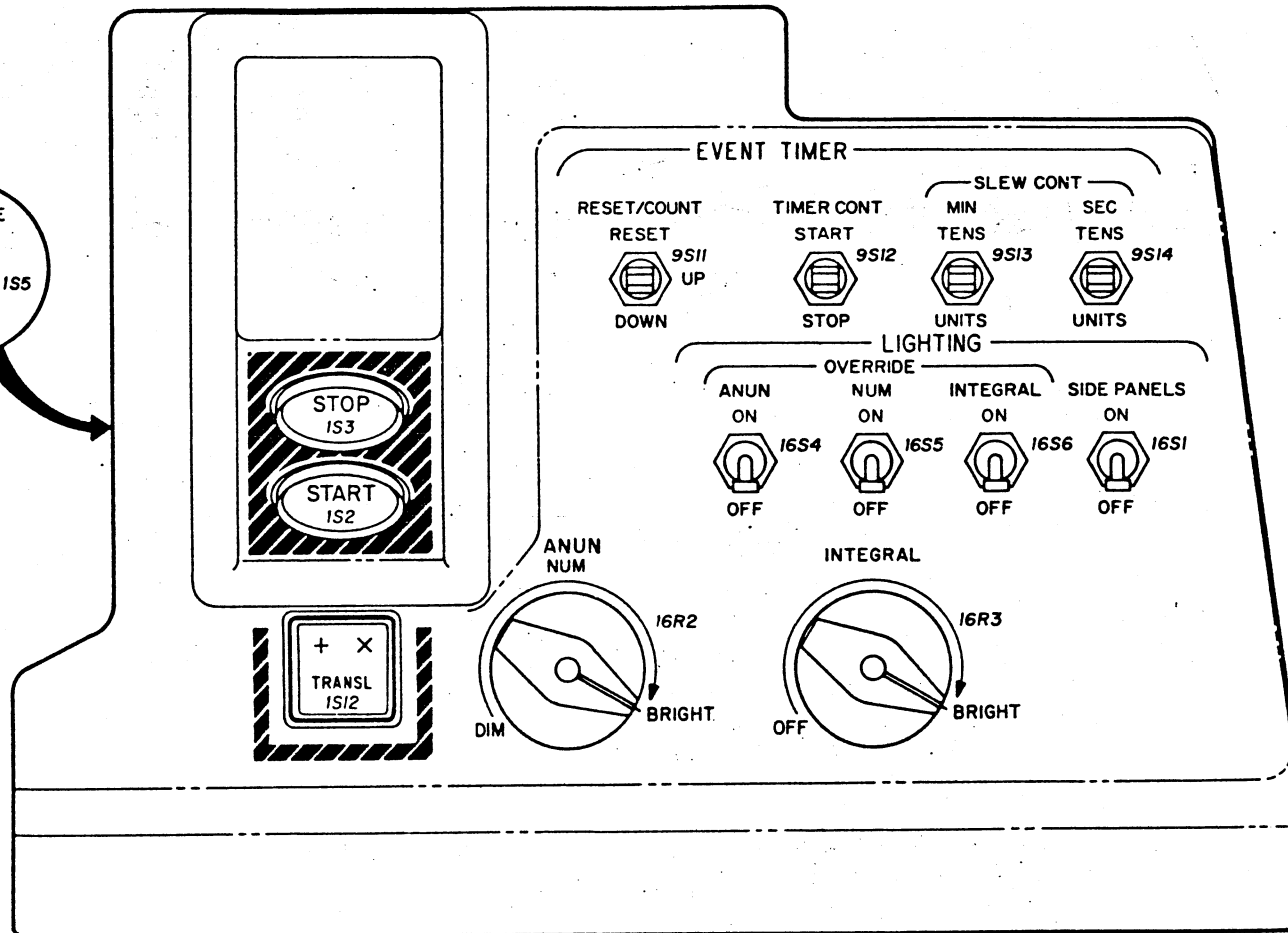


**FUNCTIONAL PGNS CONTROL DIAGRAM**



CES - AGS DISPLAYS AND CONTROLS

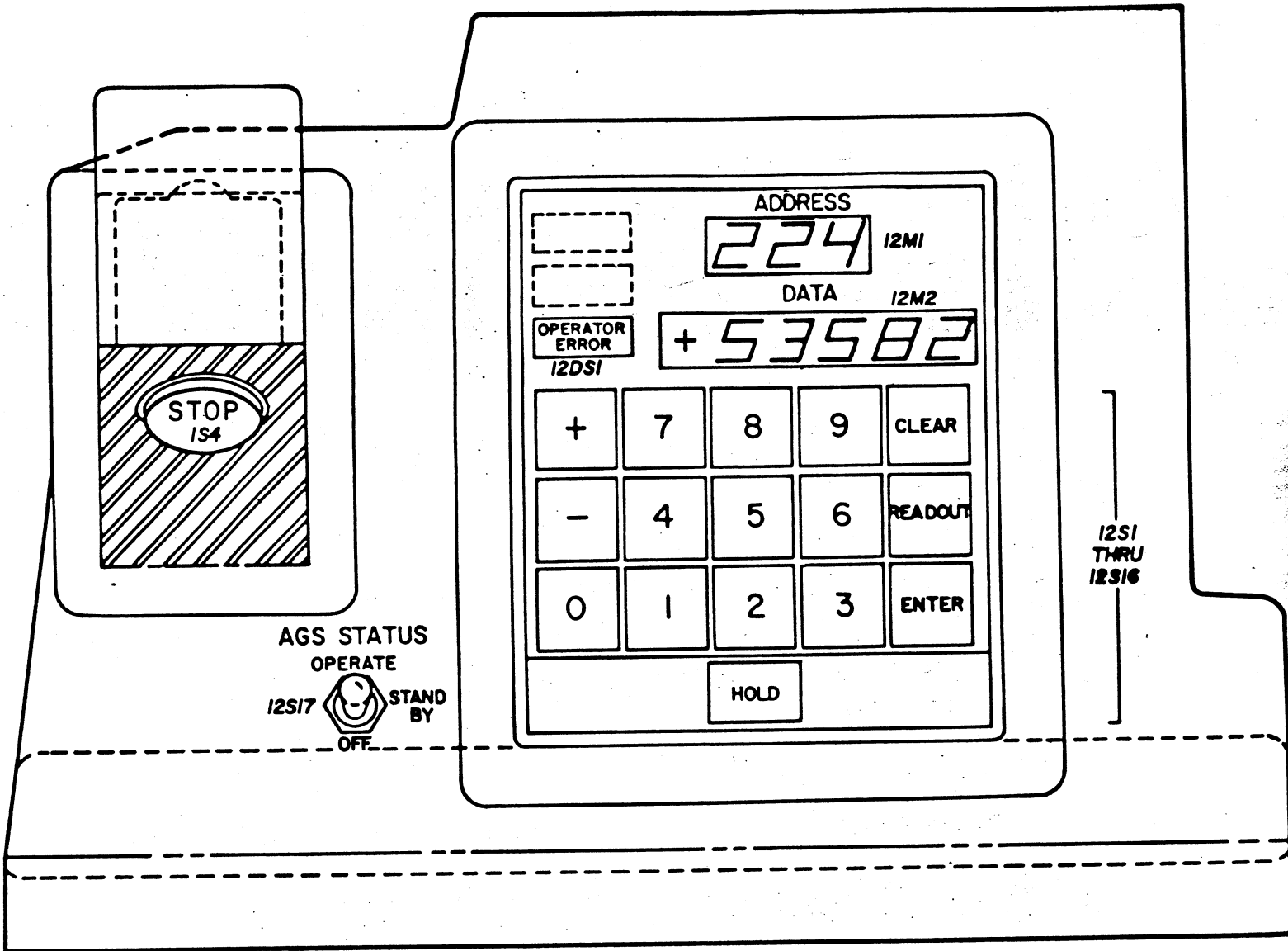
T30312-18  
MAY 66




COMMANDER'S LIGHTING PANEL  
PANEL V

T30405-91  
APRIL 66

Fig. 4-16



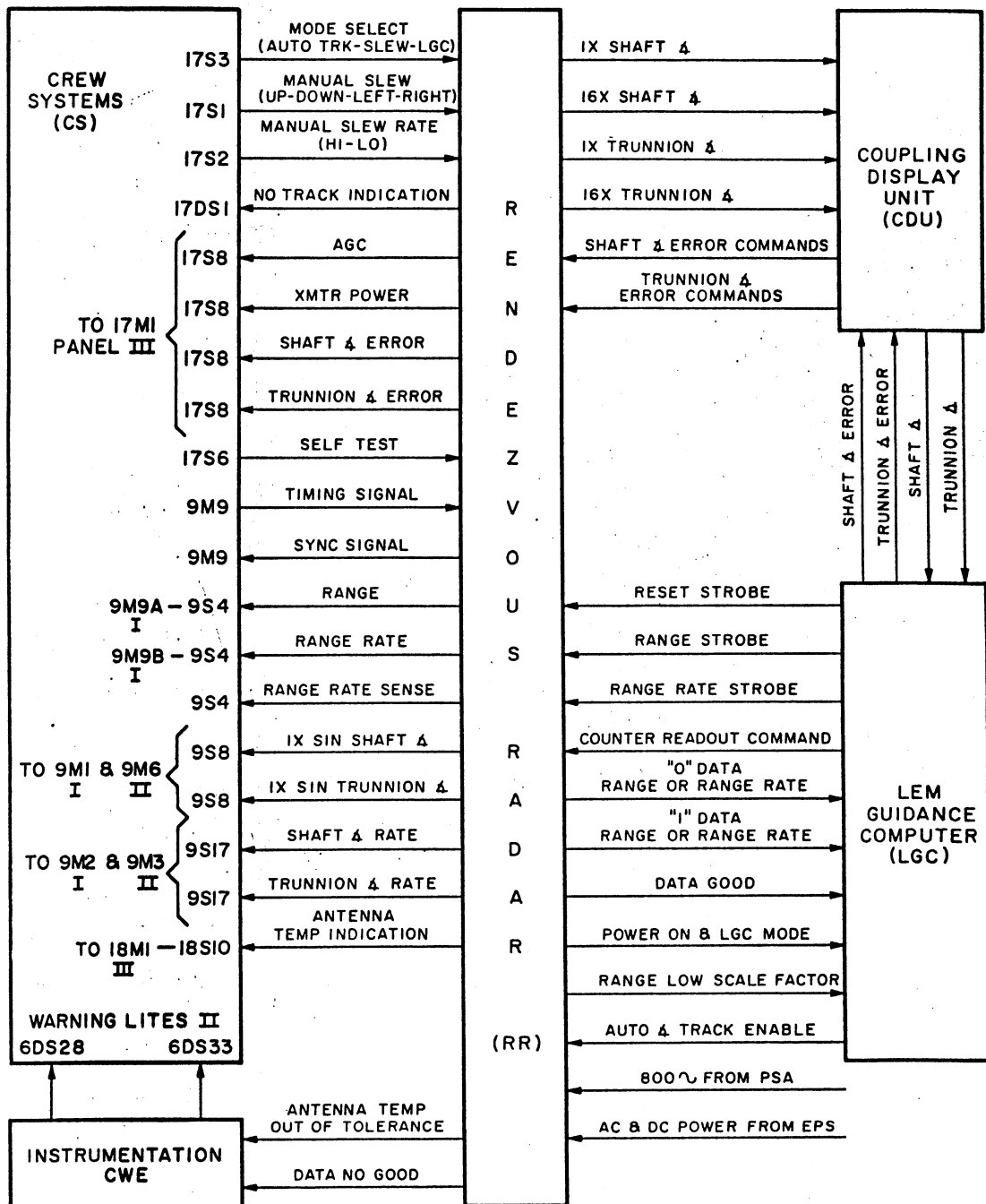
AGS STATUS  
OPERATE  
I2S17  STAND BY  
OFF

I2S1  
THRU  
I2S16

PANEL VI

T30900-5  
AUG 65

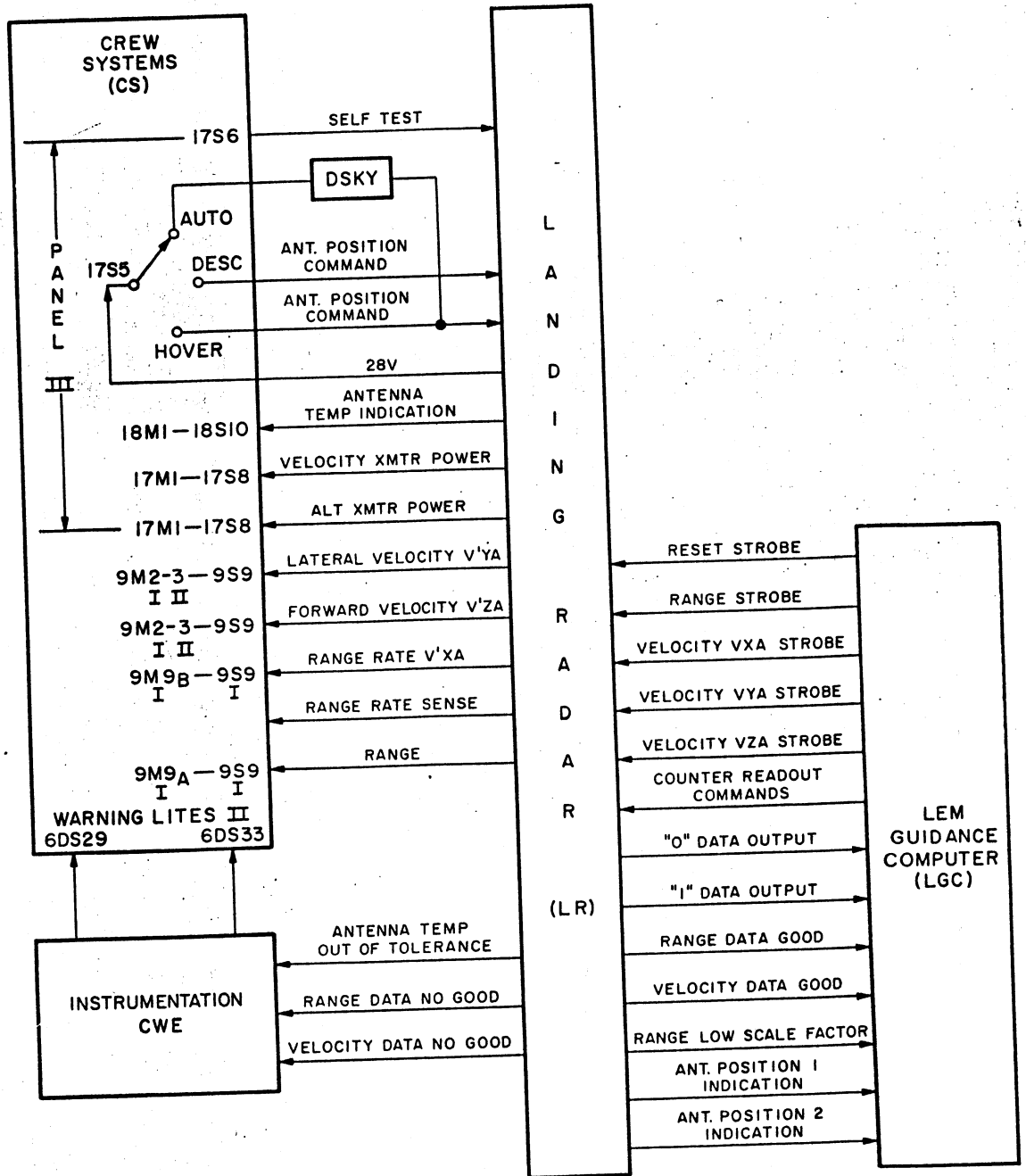
FIG. 4-17



RENDEZVOUS RADAR INTERFACE

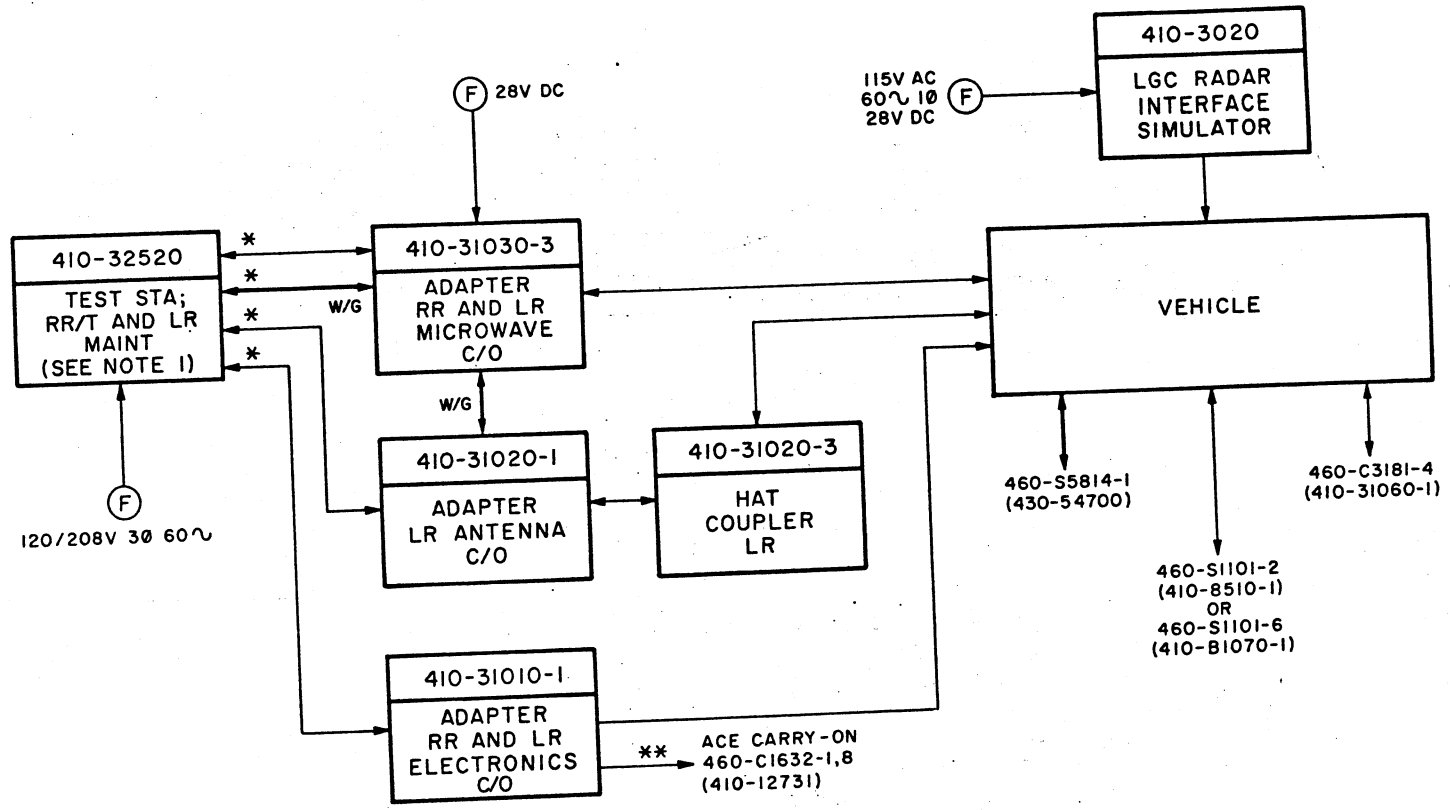
T30405-90  
APRIL 66





LANDING RADAR INTERFACE

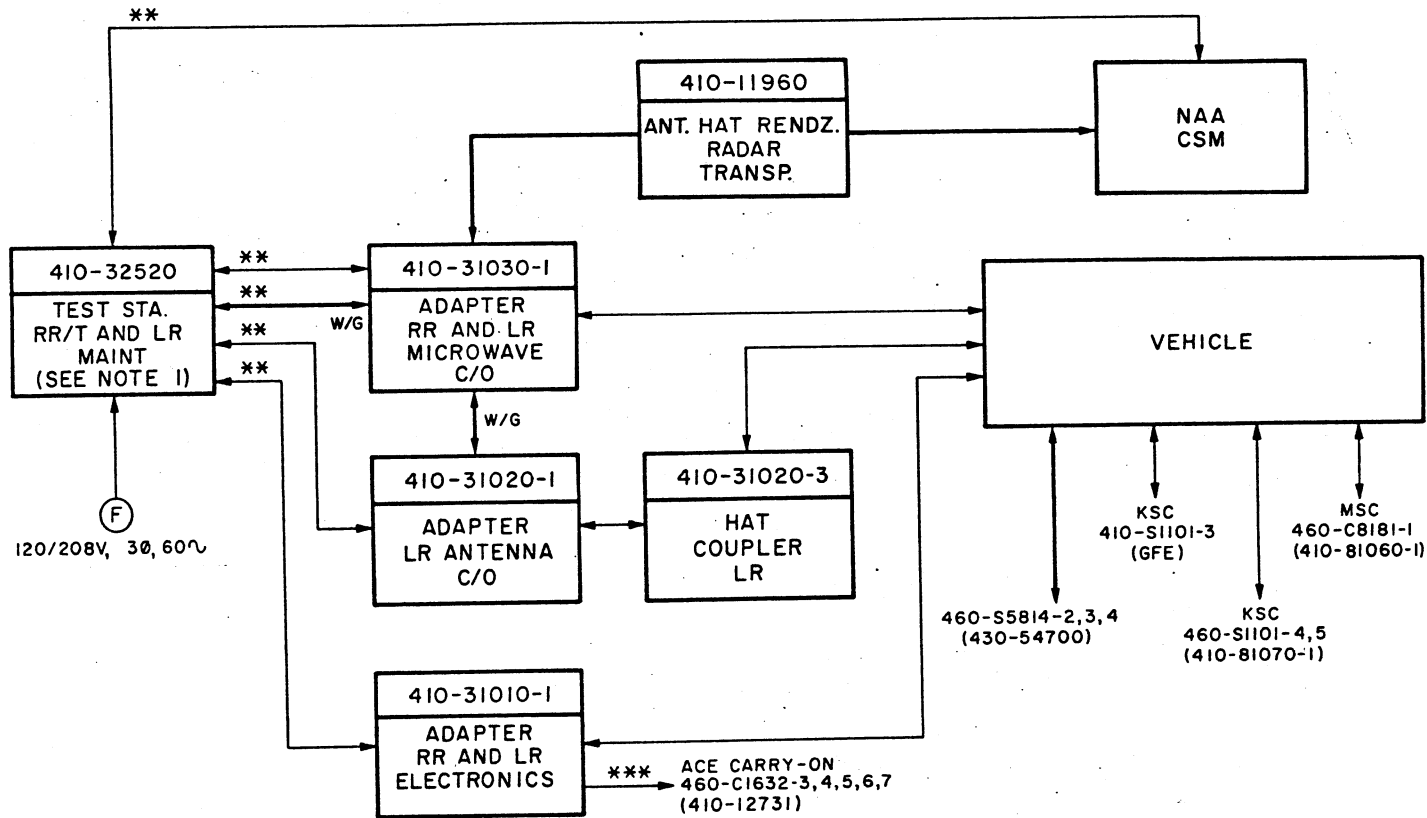
T30405-92  
APRIL 66



- NOTES:
1. USAGE: GAEC-7 HSCI-2  
-1 LTA-8, LEM 1-11
  2. MATED CONFIGURATION
  3. \* CABLE SET 410-11190-1
  4. \*\* CABLE SET 410-11170-1 FOR HSCI-2  
410-11170-3 FOR LTA-8  
410-11170-5 FOR LEM-1

**RADAR-GSE CHECKOUT - GAEC CONFIGURATION**

T30405-93  
APRIL 66



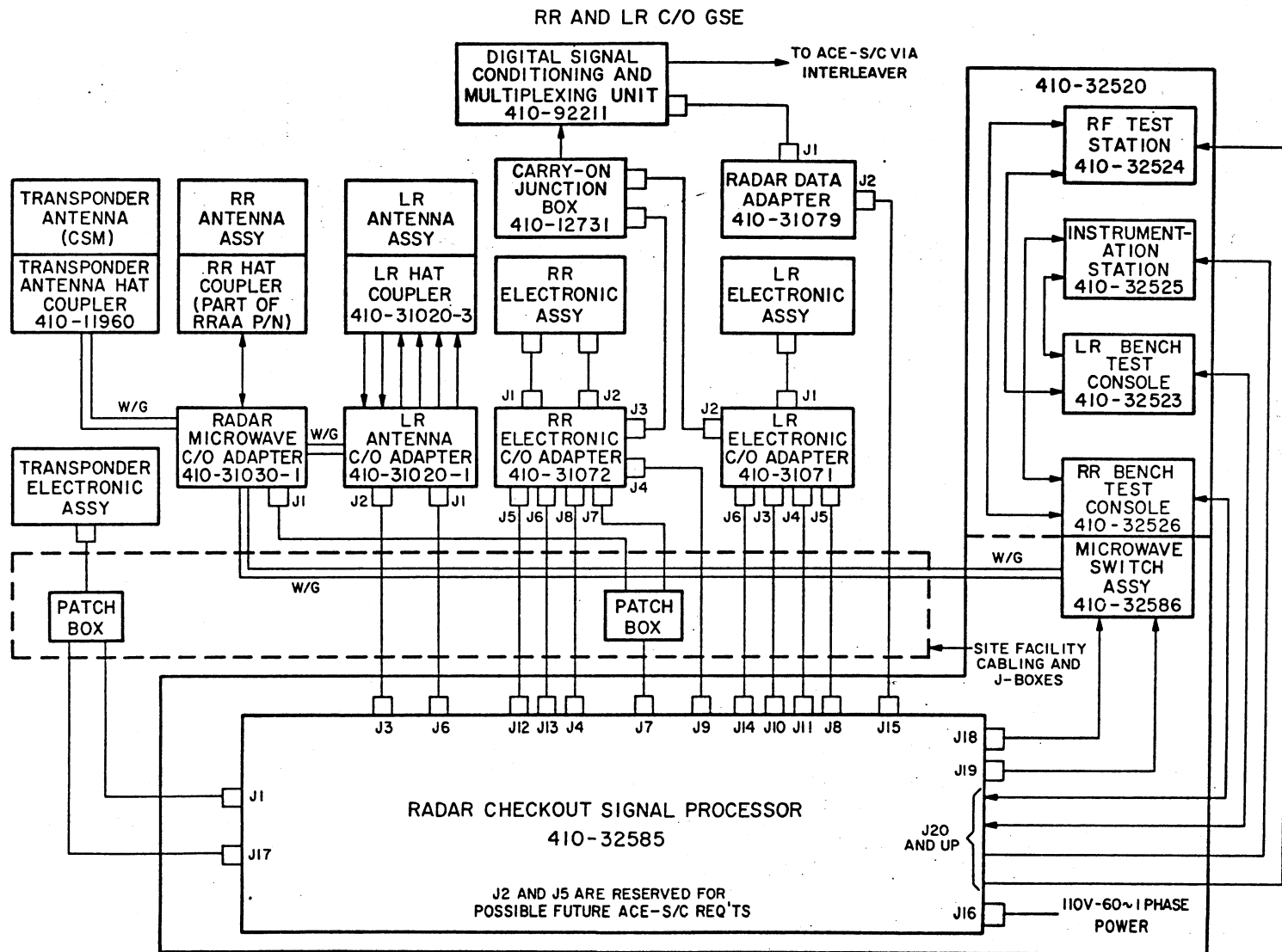
NOTES:

1. USAGE : MSC-LTA-8 (410-32520-5)  
KSC-LEM-I THRU II (410-32520-9) KC37, KC39  
LEM-I THRU II (410-32520-3) KCRL
2. MATED CONFIGURATION
3. \*\* MSC CABLE SET 410-11100-1
4. \*\*\* MSC CABLE SET 410-11170-3  
\*\*\* KSC GEN CABLE SET 410-11170-5
5. \*\* KSC @ LC-#37 410-11140-1; LC-#39 410-11130-1  
@ C & C BLDG 410-11210-1; VAB 410-11150-13 (BAY 1) 410-11150-15 (BAY 3)

**RADARS-GSE CHECKOUT - KSC AND MSC CONFIGURATION**

T30405-94  
APRIL 66

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SECTION LEVEL RADAR CHECKOUT CONFIGURATION USING 410-32520 BTME

T30405-95  
APRIL 66

Fig. 5-3

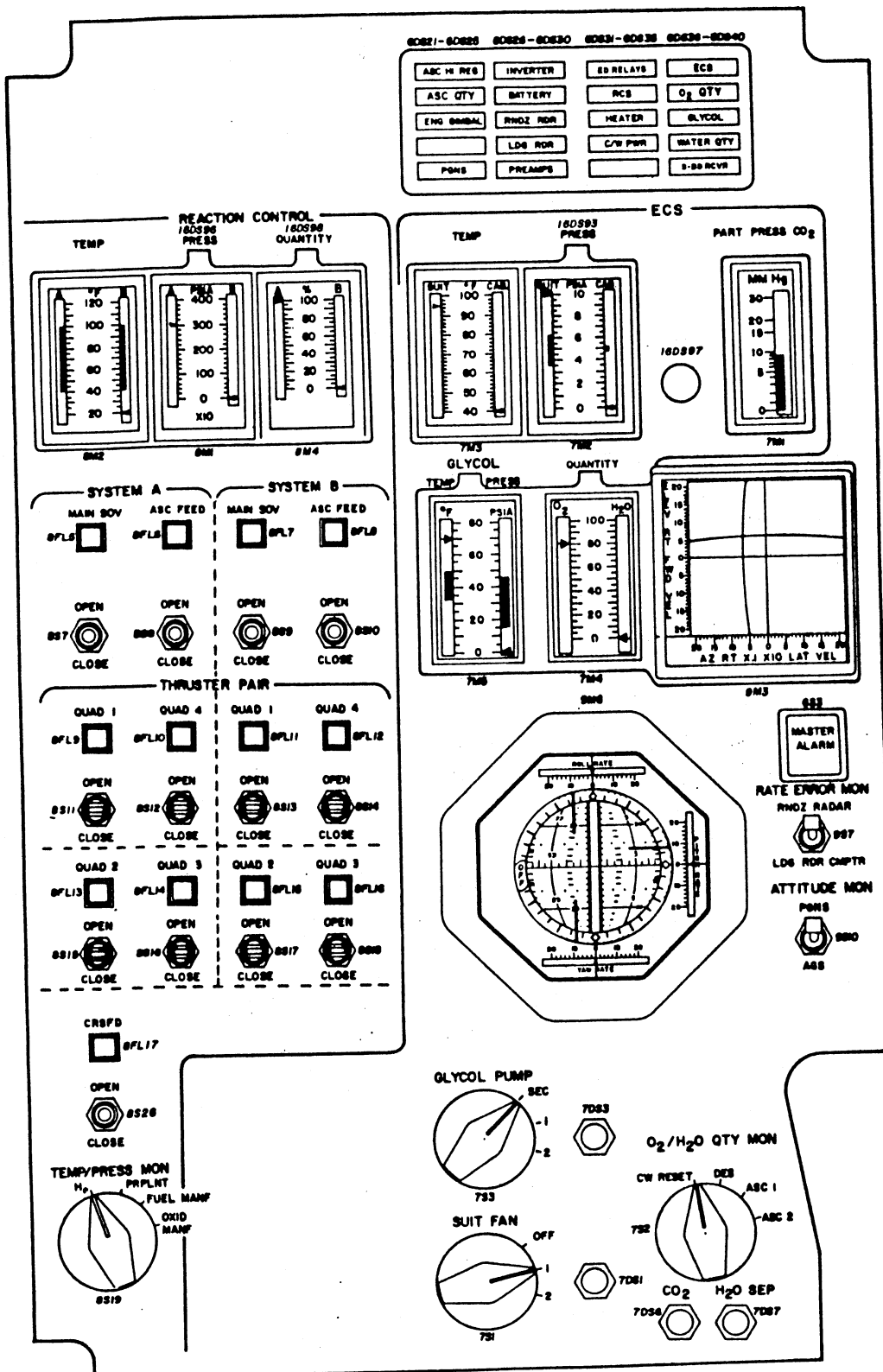
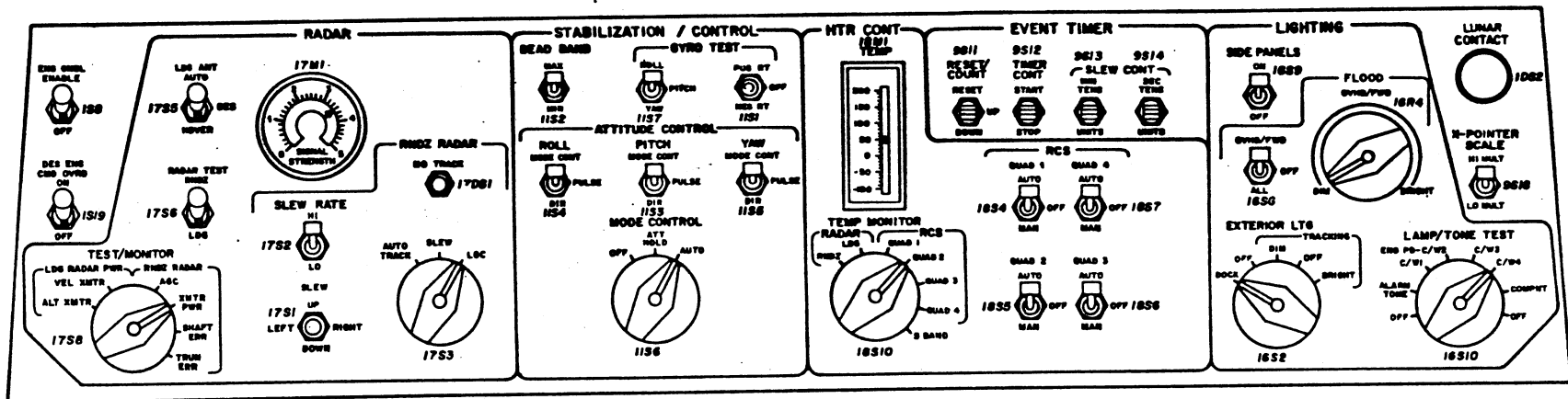


FIGURE 6-3. SYSTEM ENGINEER'S CENTER PANEL (PL II)



6-5

FIGURE 6-4. RADAR AND STABILIZATION/CONTROL PANEL (PL III)

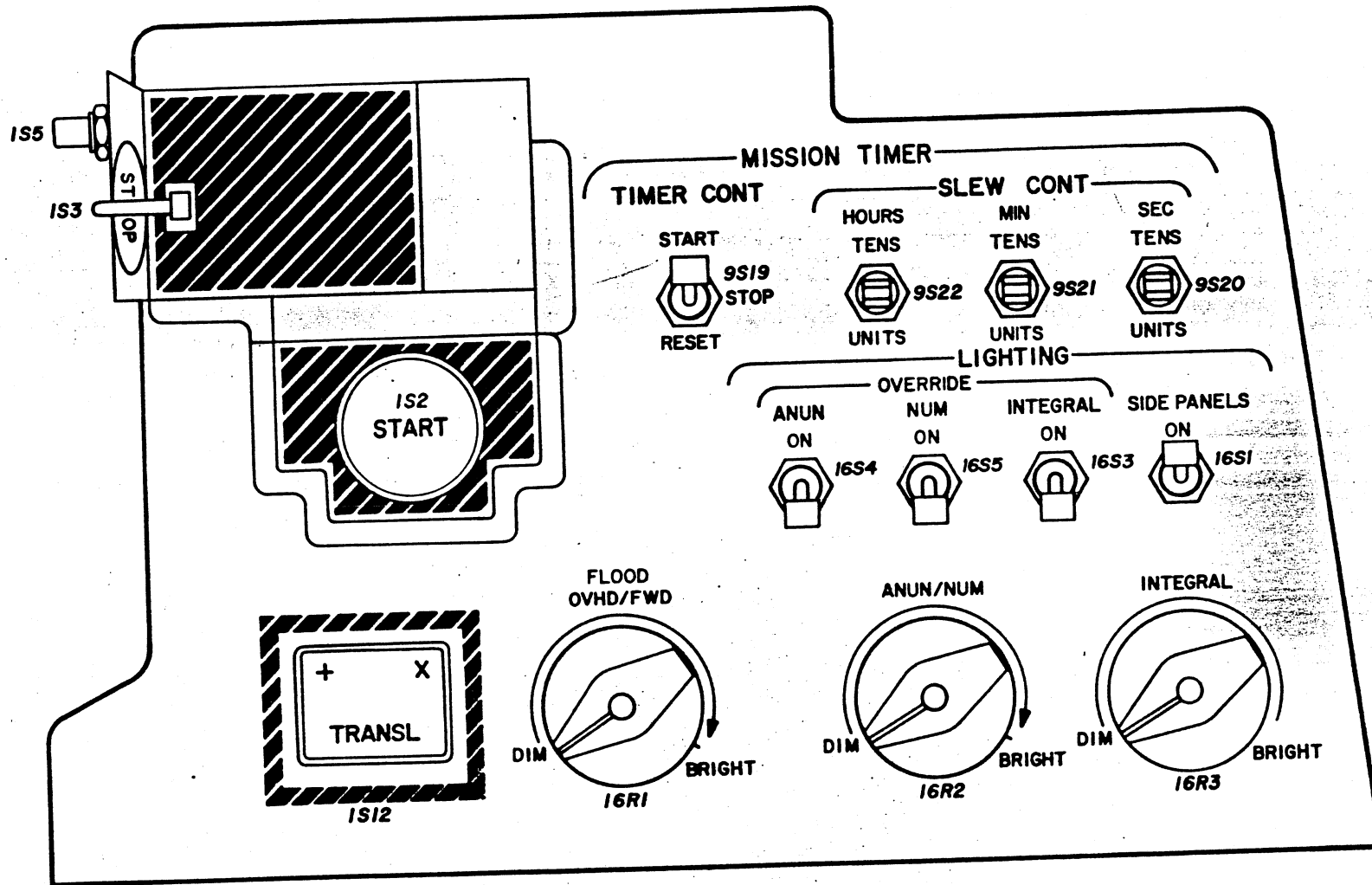


FIGURE 6-5. PANEL V

