

**CHAPTER**

**26**

**FIRE PROTECTION**

CHAPTER 26  
FIRE PROTECTION

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A = Added, R = Revised, D = Deleted, O = Overflow

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<b><u>APU FIRE DETECTION</u></b>						
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26-18-01	DUCT LEAK DETECTION
26-11-01	ENGINE FIRE AND OVERHEAT DETECTION- LEFT
26-11-02	ENGINE FIRE AND OVERHEAT DETECTION- RIGHT
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26-10-00	FIRE DETECTION- SIMPLIFIED
26-17-01	FIRE DETECTION- WHEEL WELL
26-23-01	FIRE EXTINGUISHER- LOWER CARGO COMPARTMENT
26-22-01	FIRE EXTINGUISHING- AUXILIARY POWER UNIT
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26-00-00	FIRE PROTECTION- SIMPLIFIED
26-20-01	FIRE SWITCHES-ENGINE AUXILIARY POWER UNIT
26-13-01	LAVATORY SMOKE DETECTOR
26-16-01	SMOKE DETECTION- LOWER CARGO COMPARTMENT

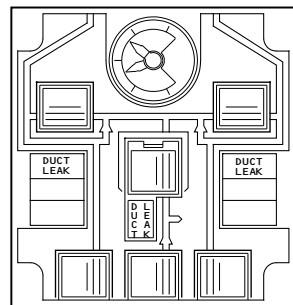
CH-SC-SU	Title

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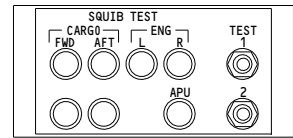
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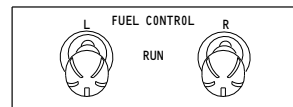
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M15(YCZ) BLEED AIR SUPPLY PNL (P5)



M32(YA3) SQUIB TEST PNL (P61)

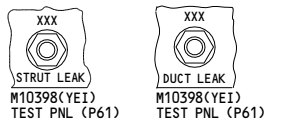


M73(YAZ) FUEL CONT PNL (P10)



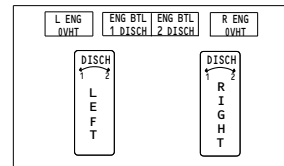
L680 WHEEL WELL FIRE LT (P3-1)

M779 DISCRETE WARNING DISPLAY PNL (P1-3)

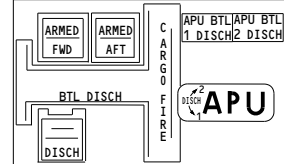


M10398(YE1) STRUT LEAK TEST PNL (P61)

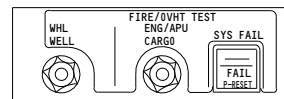
M10398(YE1) DUCT LEAK TEST PNL (P61)



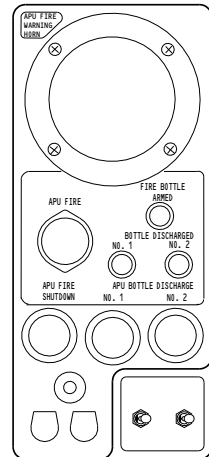
M10443(YEG) ENGINE FIRE CONT PNL (P8)



M10444(YD0) APU/CARGO FIRE PNL (P8)

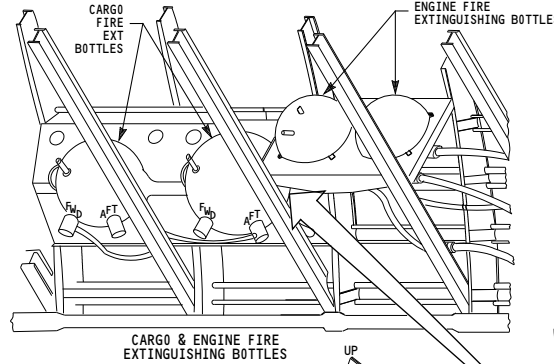


M10445(YEH) FIRE/OVHT TEST PNL (P8)

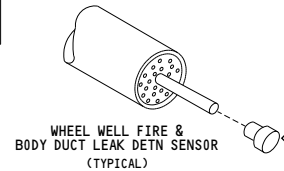


P40 APU REMOTE CONTROL PNL

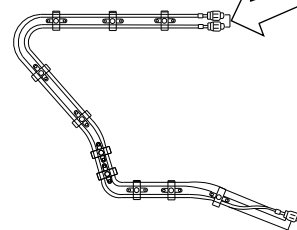
**FIRE PROTECTION SYSTEM CONTROLS & INDICATORS**



CARGO & ENGINE FIRE EXTINGUISHING BOTTLES

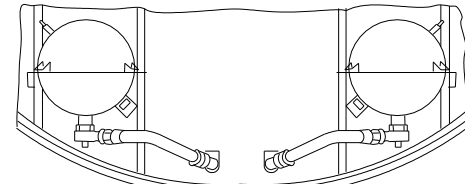


WHEEL WELL FIRE & BODY DUCT LEAK DETN SENSOR (TYPICAL)

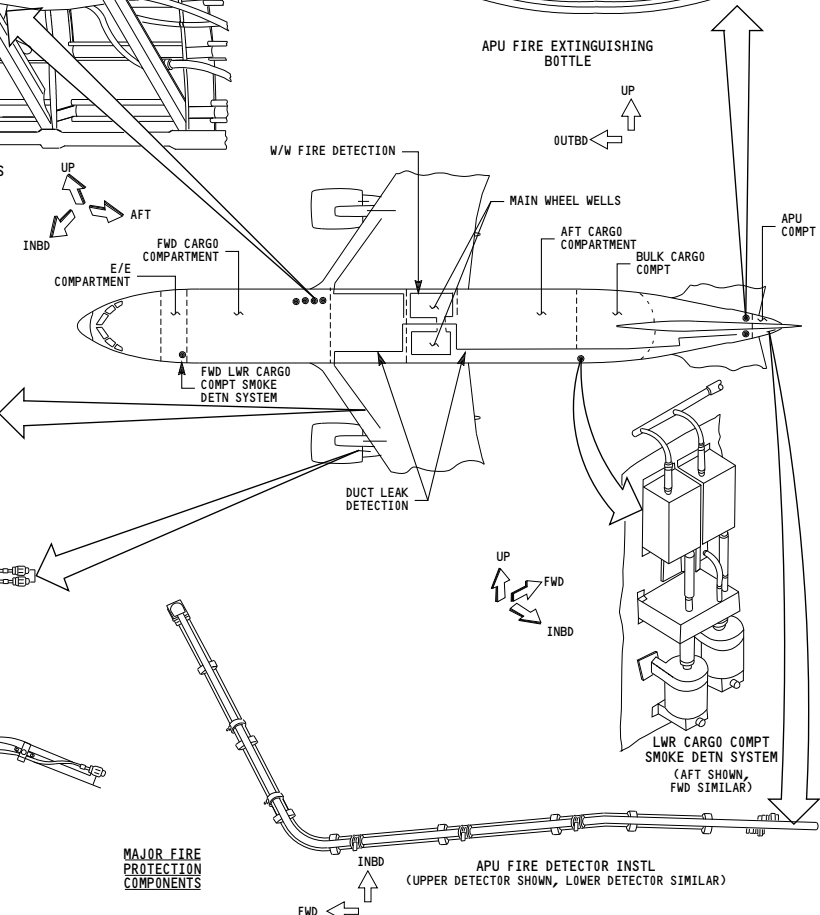


LEFT ENGINE FIRE & OVHT DETECTION LOOP (TYP 4 PLS, R ENG SIMILAR)

MAJOR FIRE PROTECTION COMPONENTS



APU FIRE EXTINGUISHING BOTTLE



APU FIRE DETECTOR INSTL (UPPER DETECTOR SHOWN, LOWER DETECTOR SIMILAR)

050-099, 150-199

**FIRE PROTECTION-SIMPLIFIED**

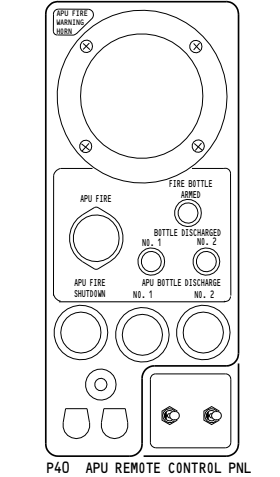
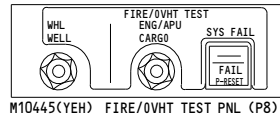
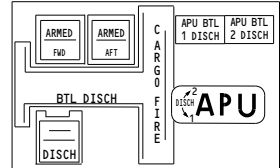
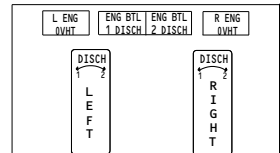
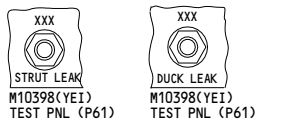
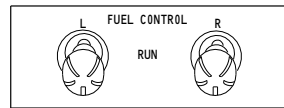
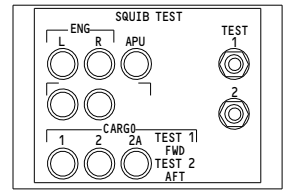
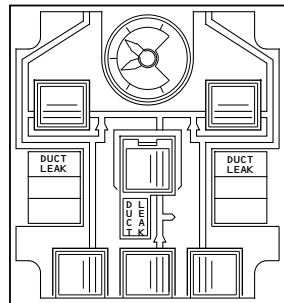
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**26-00-00**

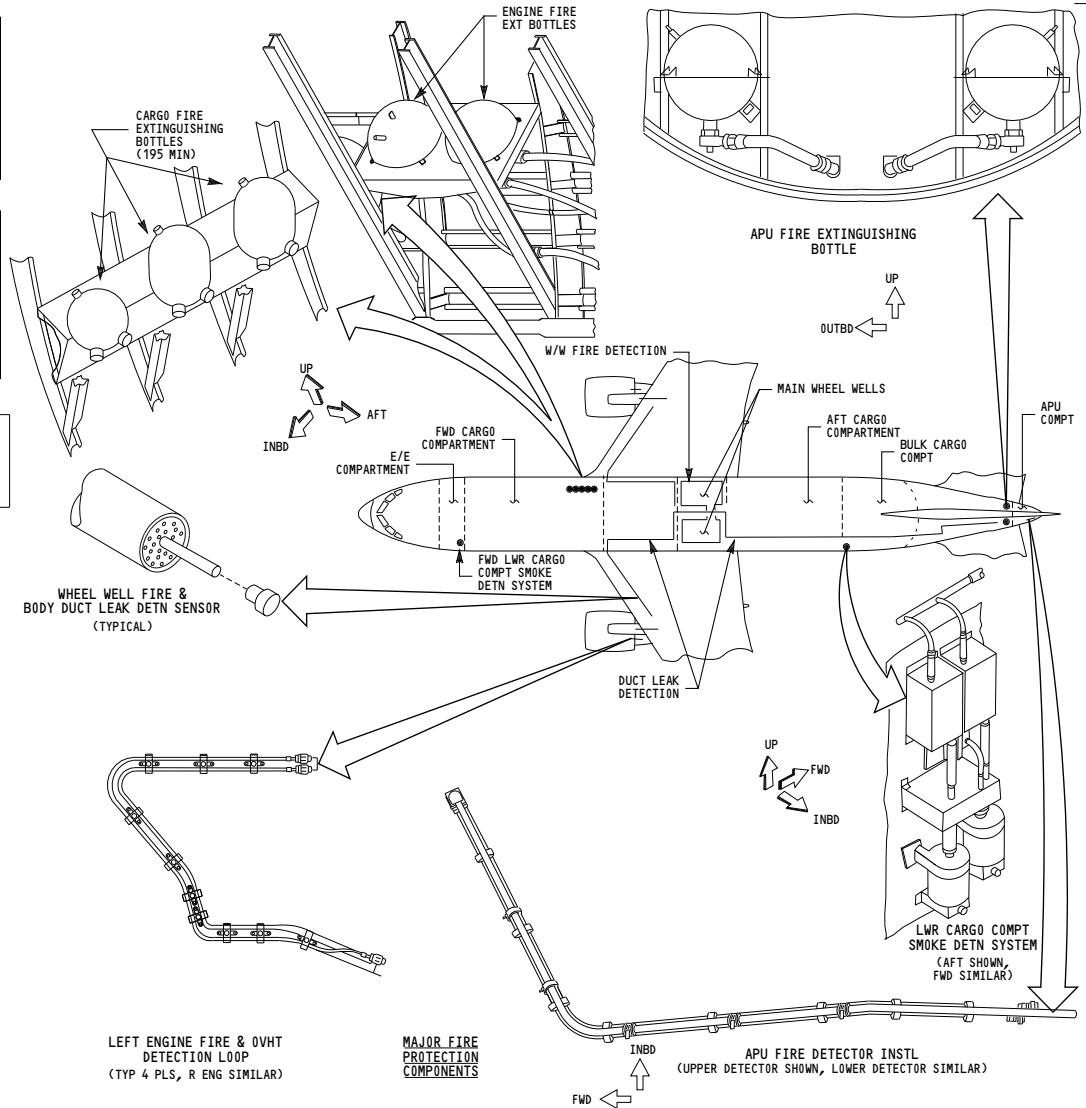
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FIRE PROTECTION SYSTEM CONTROLS & INDICATORS

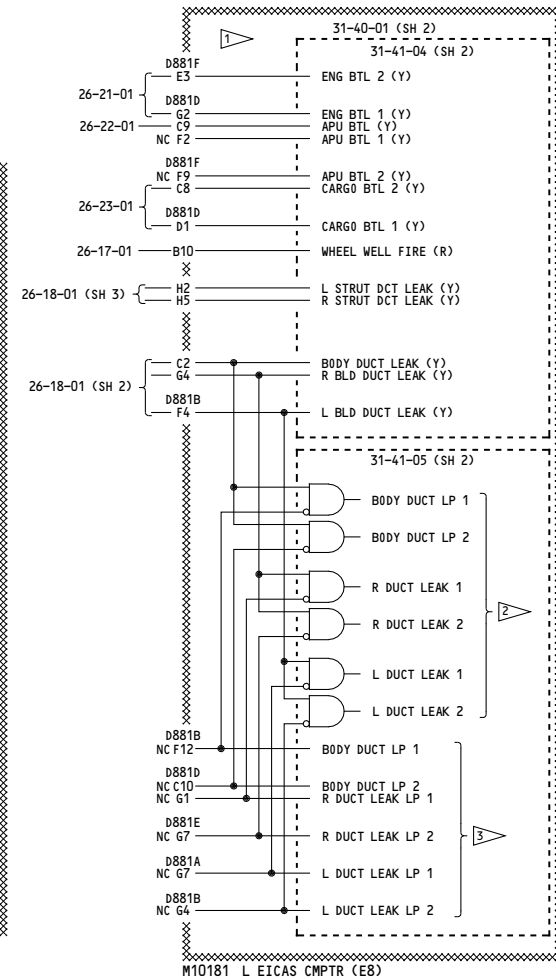
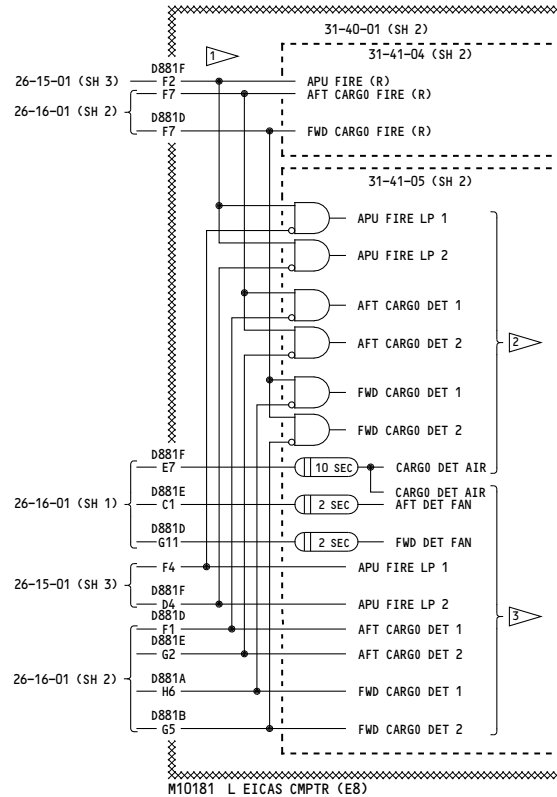
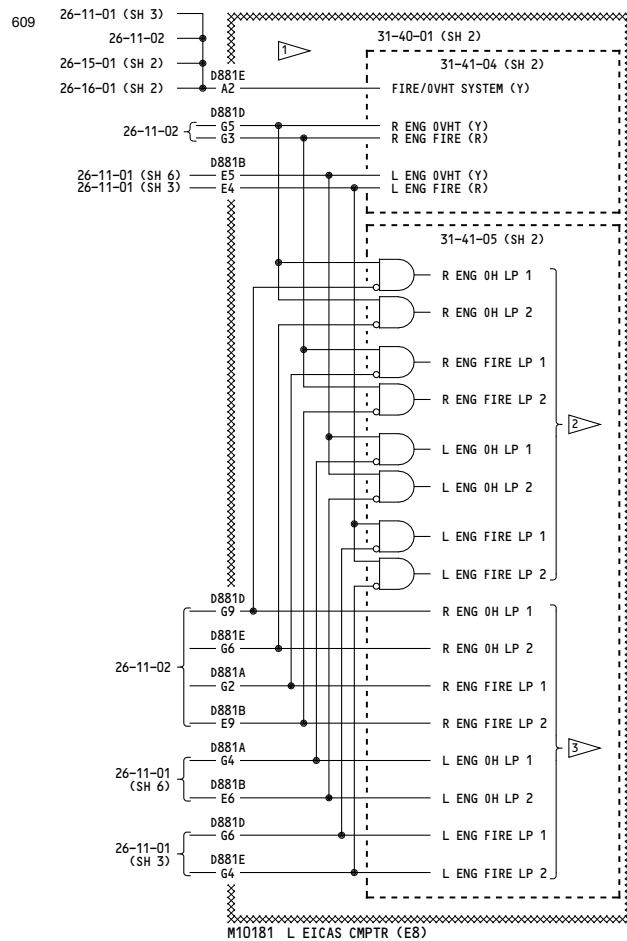


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## NOTES:

- 1 INTERNALS OF M10182 R EICAS COMPUTER IDENTICAL.
- 2 STATUS, MESSAGES APPEAR WHITE.
- 3 MAINTENANCE, MESSAGES APPEAR WHITE.

150-199

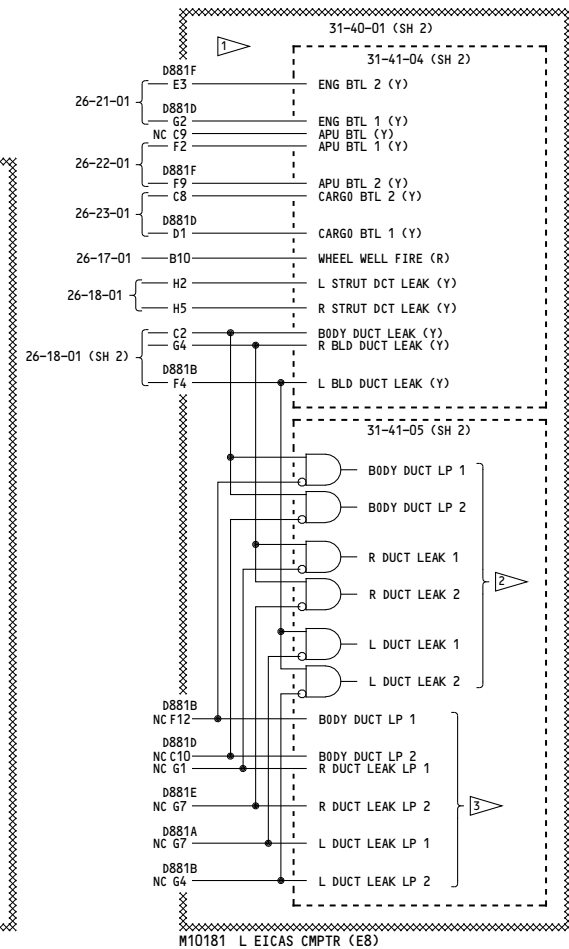
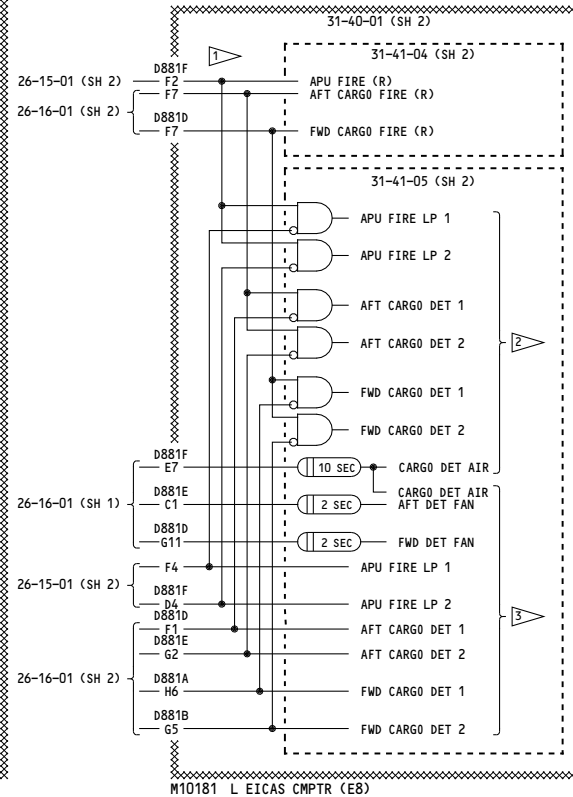
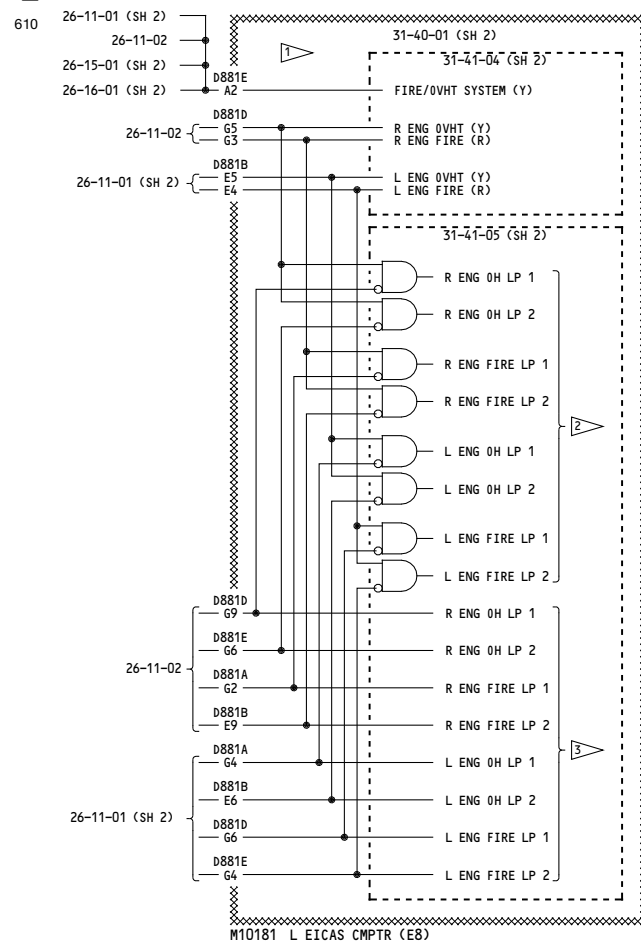
## FIRE DETECTION ENGINE IND AND CREW ALERTING SYSTEM INDICATOR

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## NOTES:

- 1> INTERNALS OF M10182 R EICAS COMPUTER IDENTICAL.
- 2> STATUS, MESSAGES APPEAR WHITE.
- 3> MAINTENANCE, MESSAGES APPEAR WHITE.

275-299

## FIRE DETECTION ENGINE IND AND CREW ALERTING SYSTEM INDICATOR

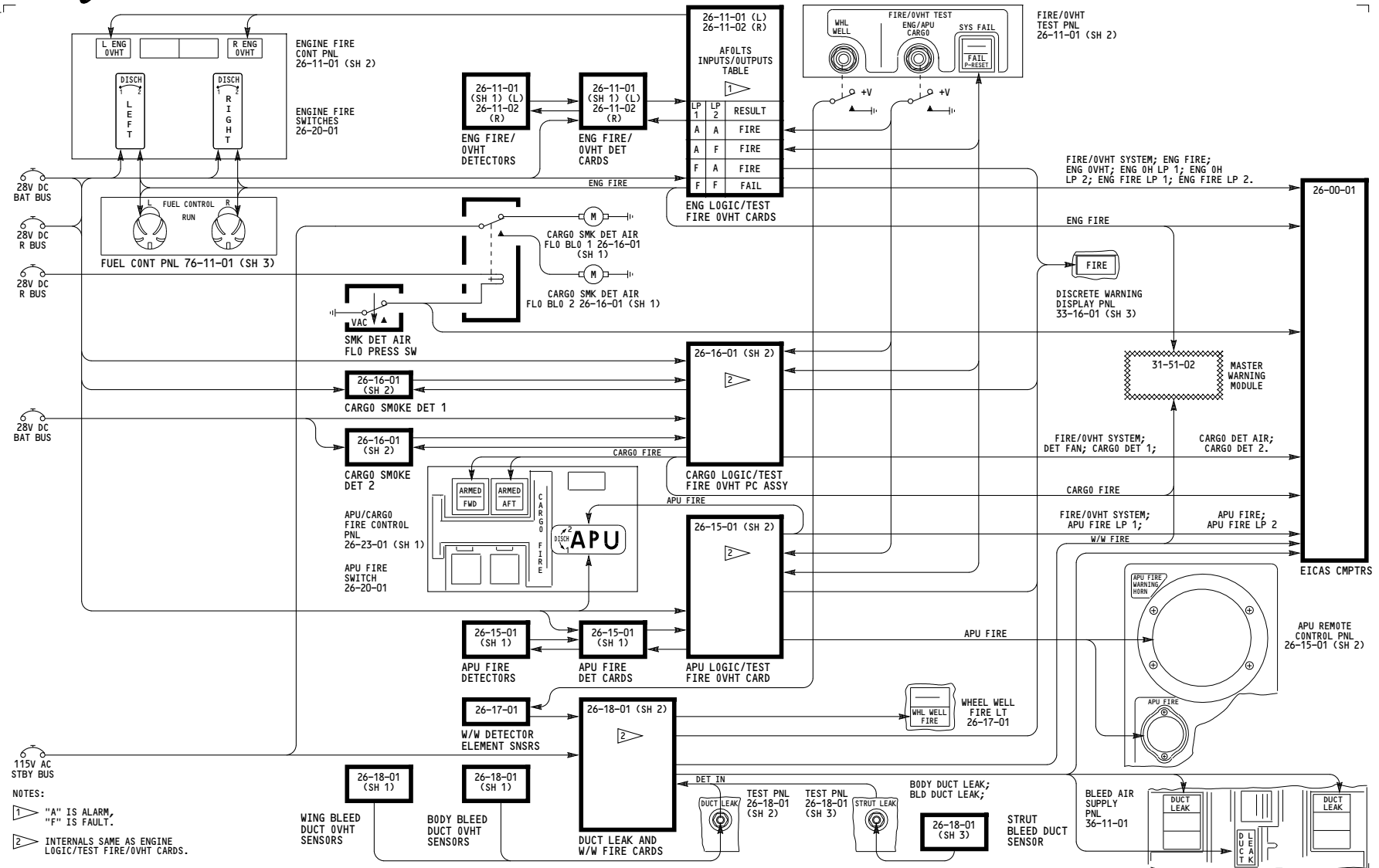
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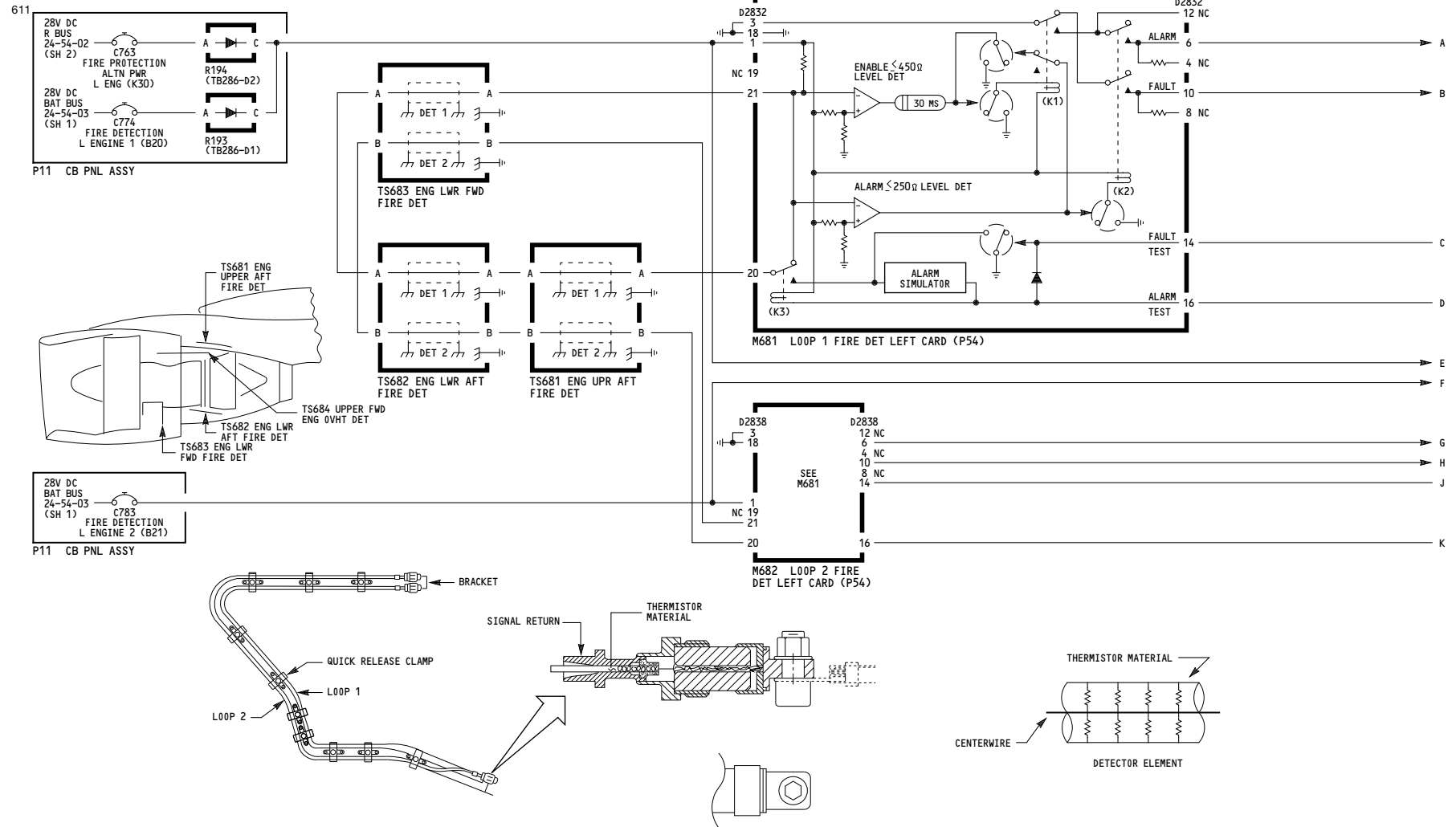
**FIRE DETECTION-  
SIMPLIFIED**

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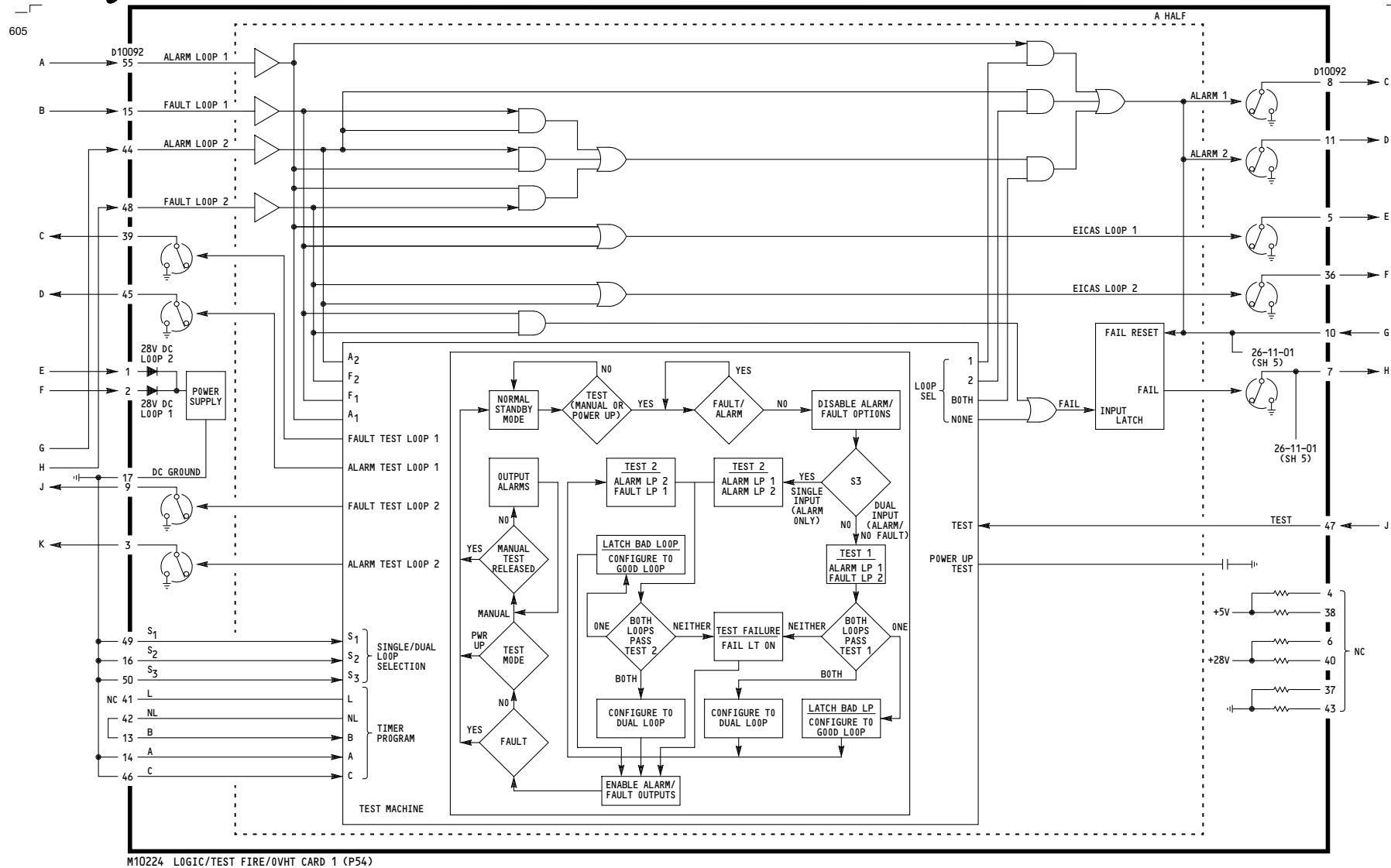
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## ENGINE FIRE AND OVERHEAT DETECTION-LEFT

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M10224 LOGIC/TEST FIRE/0VHT CARD 1 (P54)

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### ENGINE FIRE AND OVERHEAT DETECTION- LEFT

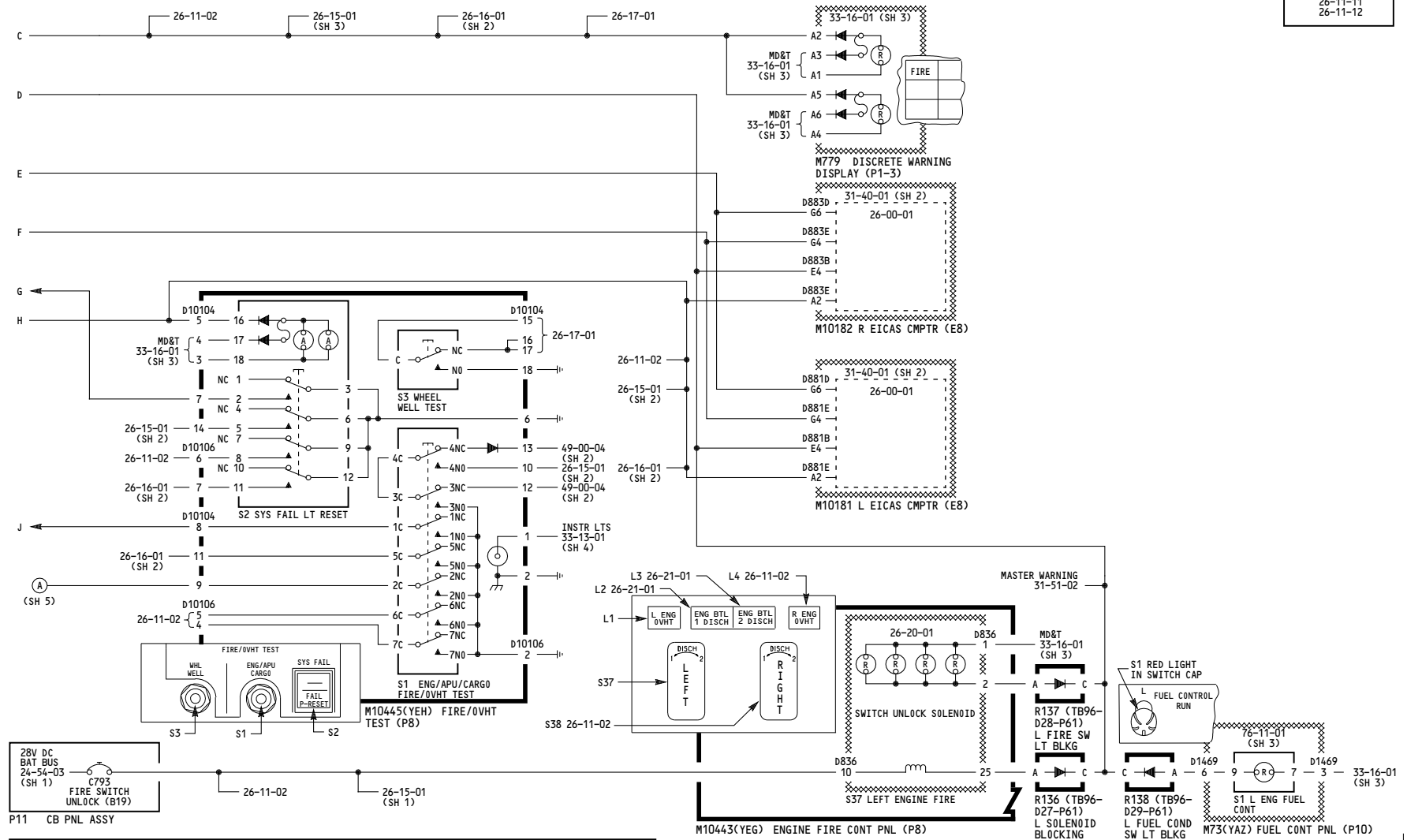
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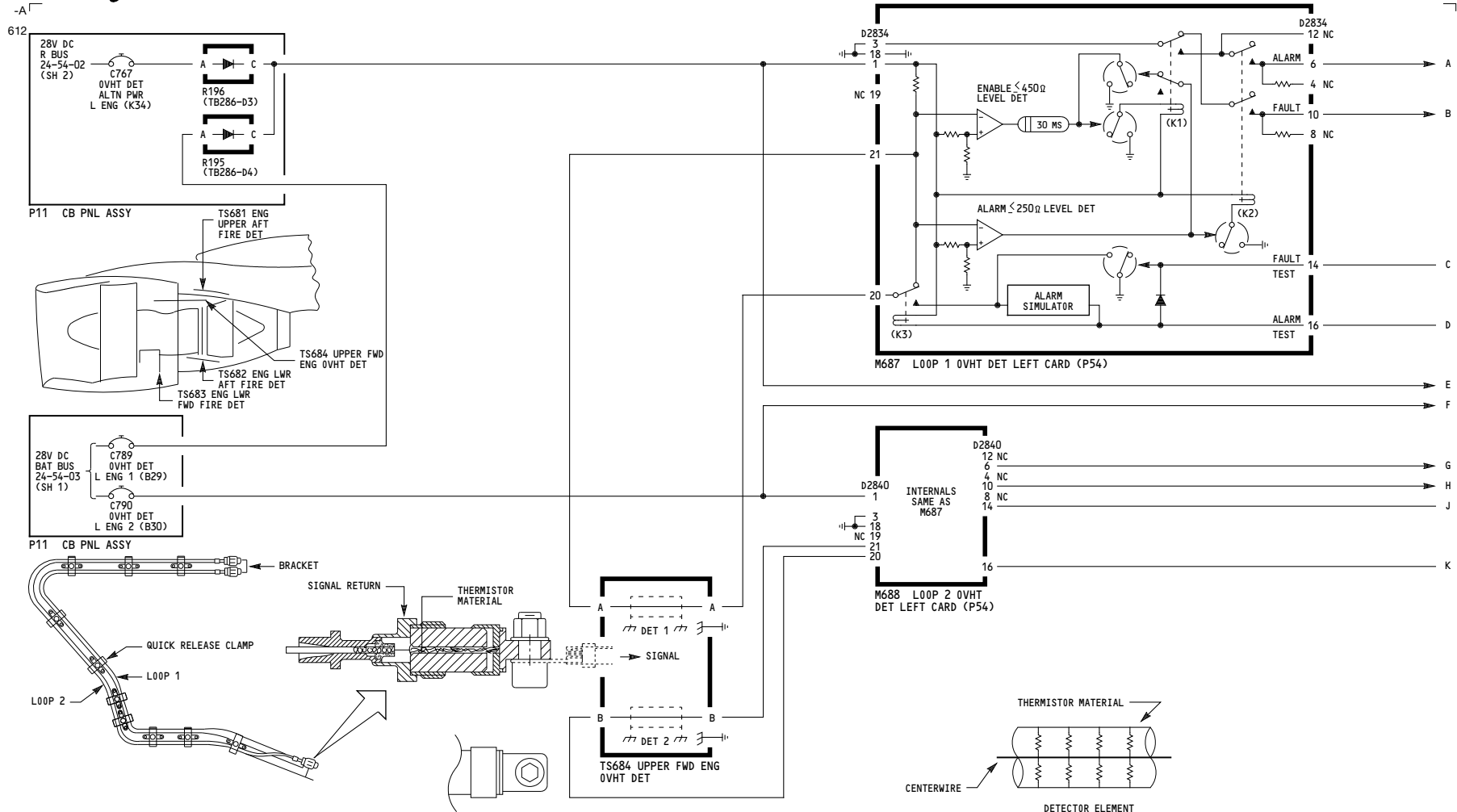
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## ENGINE FIRE AND OVERHEAT DETECTION-LEFT

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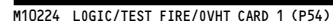
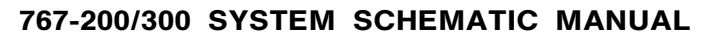
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**ENGINE FIRE AND  
OVERHEAT DETECTION-  
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## ENGINE FIRE AND OVERHEAT DETECTION-LEFT

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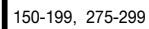
WIRING DIAGRAMS

C

D

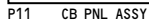
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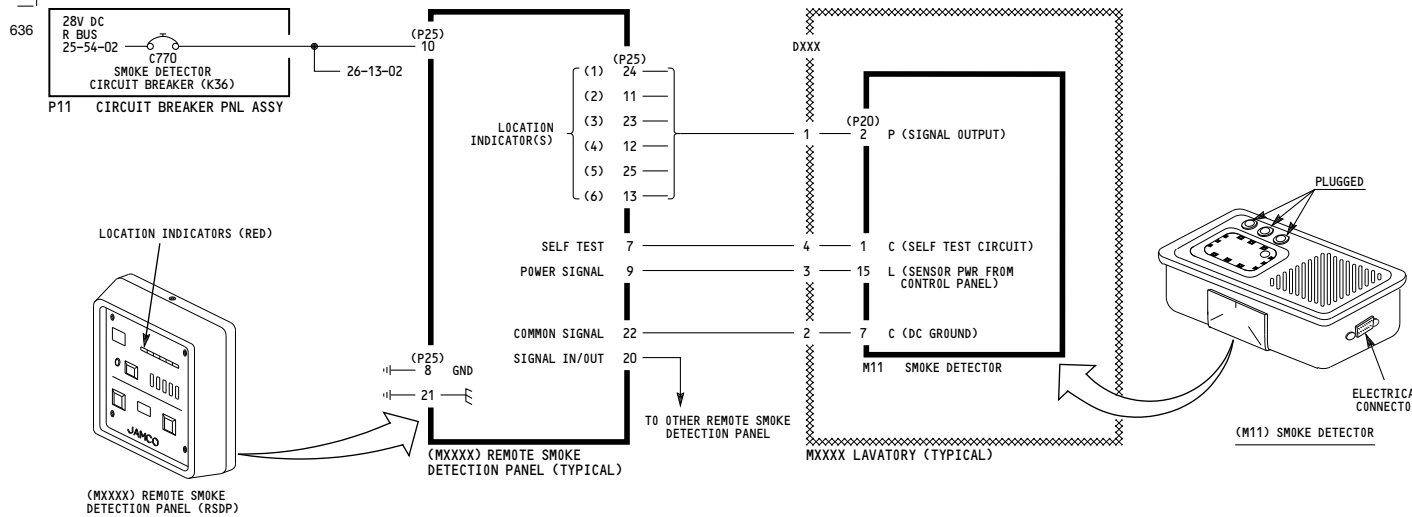


## ENGINE FIRE AND OVERHEAT DETECTION- RIGHT

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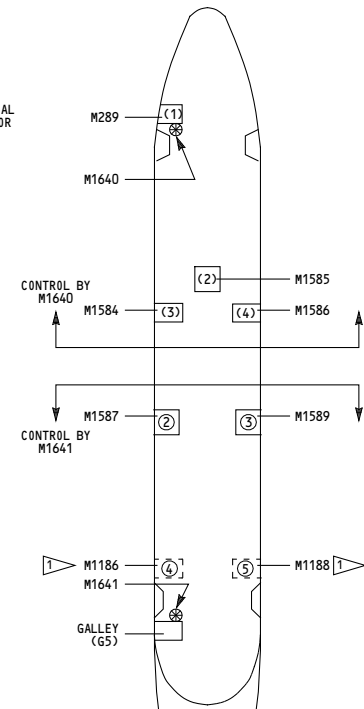


WIRING DIAGRAMS  
26-13-11

	REMOTE SMOKE DETECTION PANEL (RSDP)		LAVATORY		
	ITEM NUMBER	DECAL INDICATOR	LOCATION	ITEM NUMBER	CONNECTOR
<p>(26-13-02)</p>	M1640	A	(1)	M289 (STA 265 L)	P20
		B	(2)	M1585 (STA 781)	D13482
		C	(3)	M1584 (STA 839 L)	D13480
		D	(4)	M1586 (STA 839 R)	D13484
<p>(26-13-02)</p>	M1641	BLANK	①	NONE	NONE
		F	②	M1587 (STA 1056 L)	D13486
		G	③	M1589 (STA 1056 R)	D13490
		TBD	④	M1186 (STA 1463 L)	D6904P
		TBD	⑤	M1188 (STA 1463 R)	D6906P

- NOTES:
- ① ALTERNATE LAV. OR PASS. SEATS WHEN CABIN CREW REST IS REMOVED (SEE 26-13-02)
  - ② "SELECT" POSITION WHEN ASSOCIATED LAV OR CREW REST IS INSTALLED
  - "DESELECT" POSITION WHEN ASSOCIATED LAV OR CREW REST IS REMOVED (SEE 26-13-02)

⊗ REMOTE SMOKE DETECTION PNL



050-099

**LAVATORY SMOKE DETECTOR**

D280T232

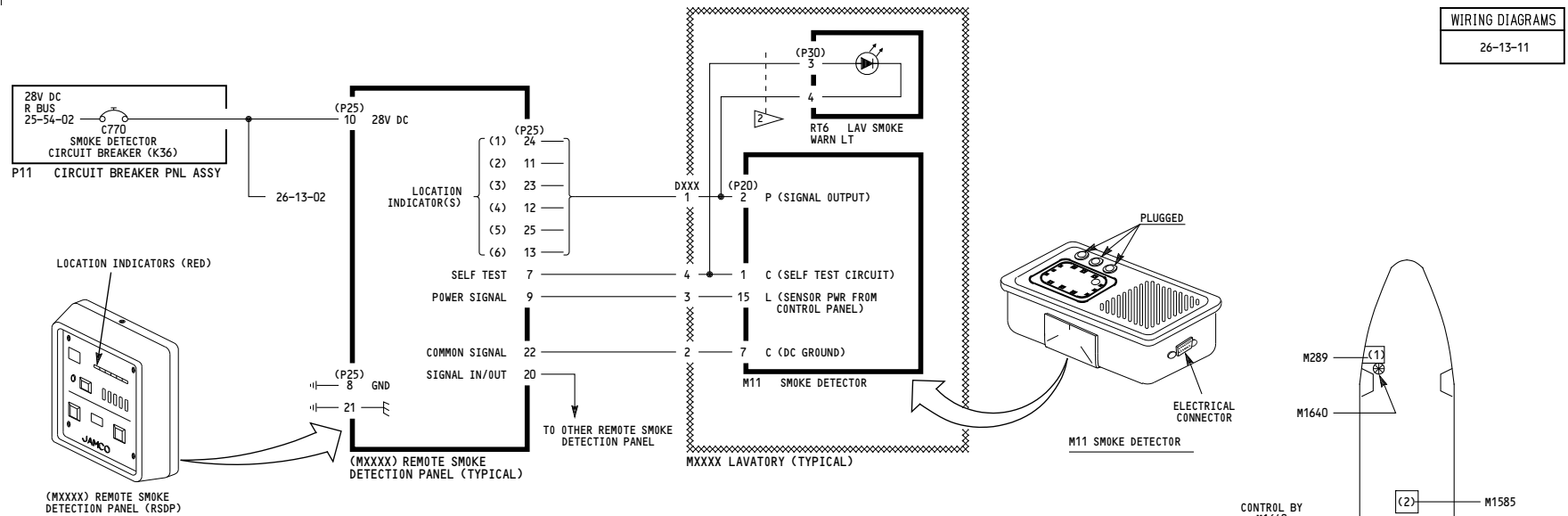
**26-13-01**

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695

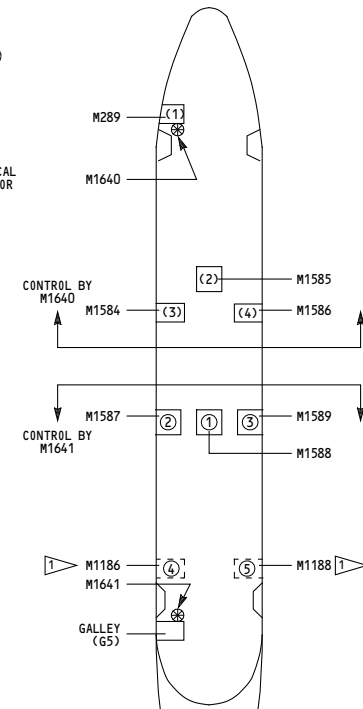
WIRING DIAGRAMS  
26-13-11



	REMOTE SMOKE DETECTION PANEL (RSDP)		LAVATORY		
	ITEM NUMBER	DECAL INDICATOR	LOCATION	ITEM NUMBER	CONNECTOR
(26-13-02)  654321 DESELECT DETECTOR	M1640	A	(1)	M289 (STA 265 L)	P20
		B	(2)	M1585 (STA 654+76)	D13482
		C	(3)	M1584 (STA 654+121 L)	D13480
		D	(4)	M1586 (STA 654+121 R)	D13484
(26-13-02)  654321 DESELECT DETECTOR	M1641	E	①	M1588 (STA 970)	D13488
		F	②	M1587 (STA 967 L)	D13486
		G	③	M1589 (STA 967 R)	D13490
		TBD	④	M1186 (STA 1463 L)	D6904P
		TBD	⑤	M1188 (STA 1463 R)	D6906P

- NOTES:
- ALTERNATE LAV OR PASS SEATS WHEN CABIN CREW REST IS REMOVED (SEE 26-13-02)
  - RT6 FOR VN156-VN158
  - "SELECT" POSITION WHEN ASSOCIATED LAV OR CREW REST IS INSTALLED  
"DESELECT" POSITION WHEN ASSOCIATED LAV OR CREW REST IS REMOVED (SEE 26-13-02)

⊗ SMOKE DETECTION PNL



150, 152-157

**LAVATORY SMOKE DETECTOR**

Incorporates  
MTO 210353

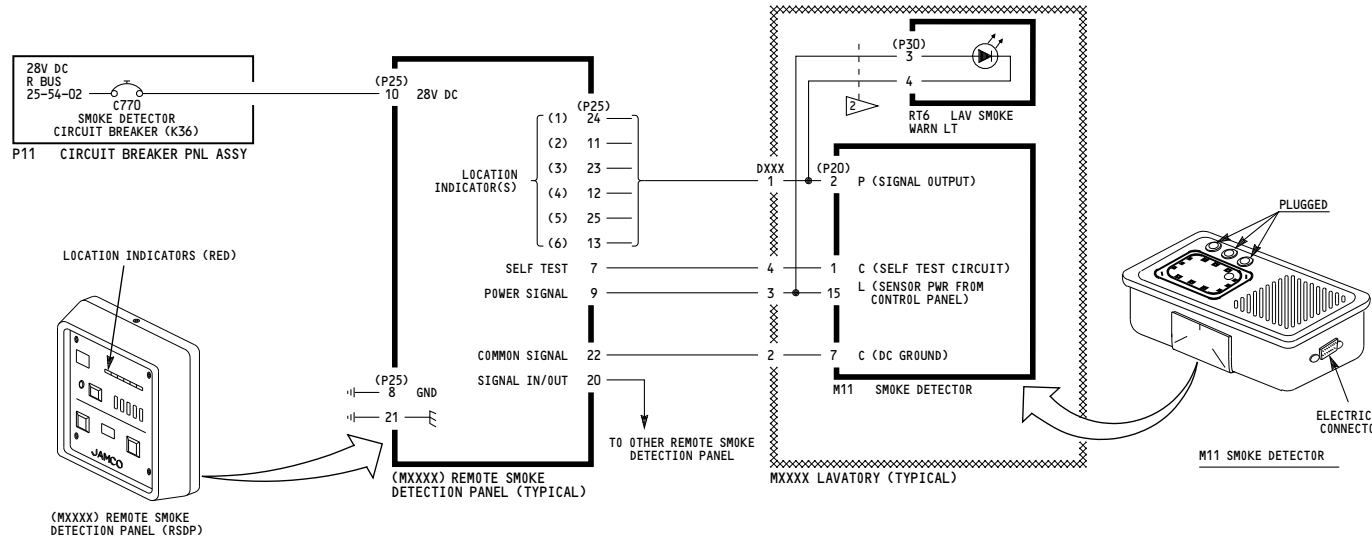
D280T232

**26-13-01**

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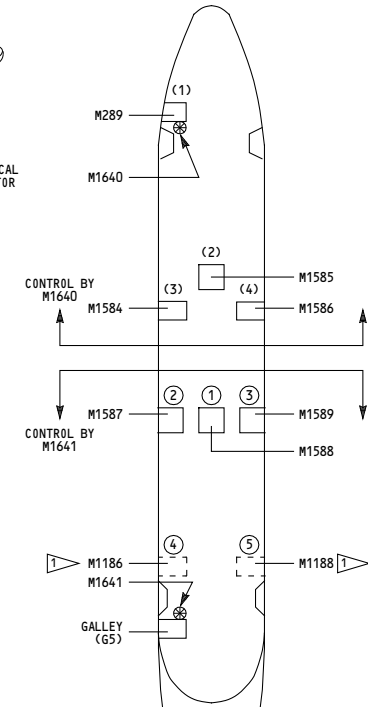
624



WIRING DIAGRAMS  
26-13-11

3 DIP SWITCHES ON THE BACK SIDE OF (RSDP)	REMOTE SMOKE DETECTION PANEL (RSDP)		LAVATORY		
	ITEM NUMBER	DECAL INDICATOR	LOCATION	ITEM NUMBER	CONNECTOR
	M1640	A	(1)	M289 (STA 265 L)	P20
		B	(2)	M1585 (STA 654+76)	D13482
		C	(3)	M1584 (STA 654+121 L)	D13480
		D	(4)	M1586 (STA 654+121 R)	D13484
	M1641	E	①	M1588 (STA 970)	D13488
		F	②	M1587 (STA 967 L)	D13486
		G	③	M1589 (STA 967 R)	D13490
		TBD	④	M1186 (STA 1463 L)	D13492
		TBD	⑤	M1188 (STA 1463 R)	D13494

- NOTES:
- 1 PROVISIONAL LAV ONLY
  - 2 RT6 FOR VN156-VN162 (155-161)
  - 3 "SELECT" POSITION WHEN ASSOCIATED LAVATORY IS INSTALLED  
"DESELECT" POSITION WHEN ASSOCIATED LAVATORY IS REMOVED
  - ⊗ SMOKE DETECTION PNL



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**LAVATORY SMOKE DETECTOR**

D280T232

**26-13-01**

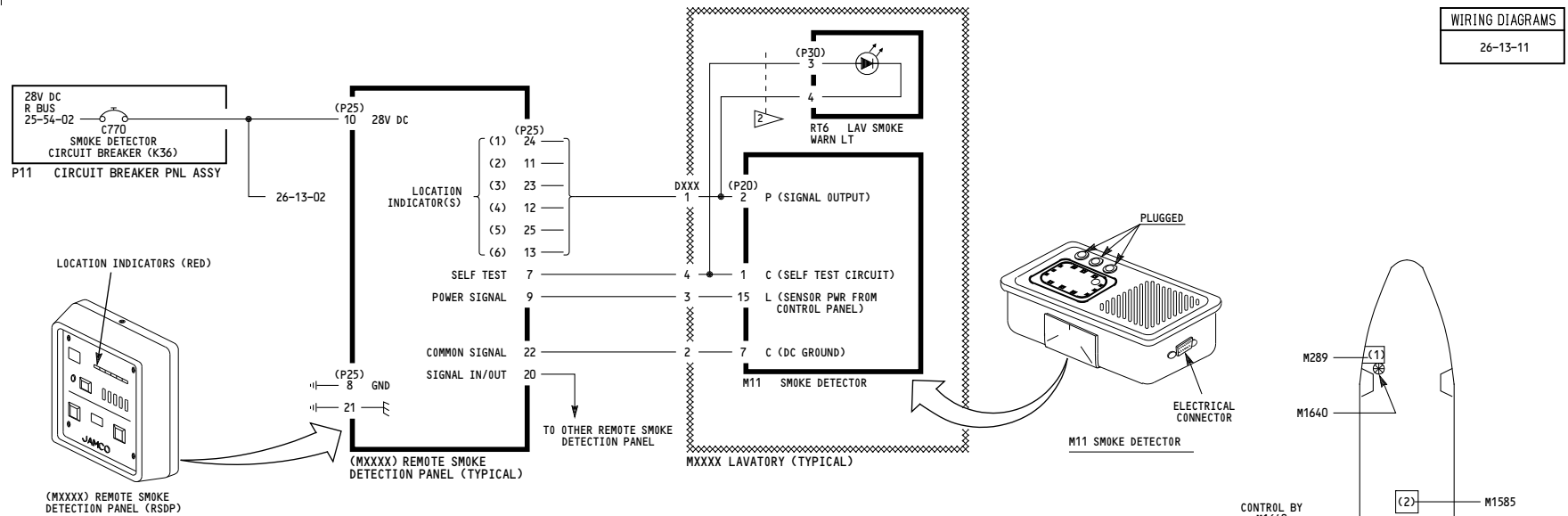
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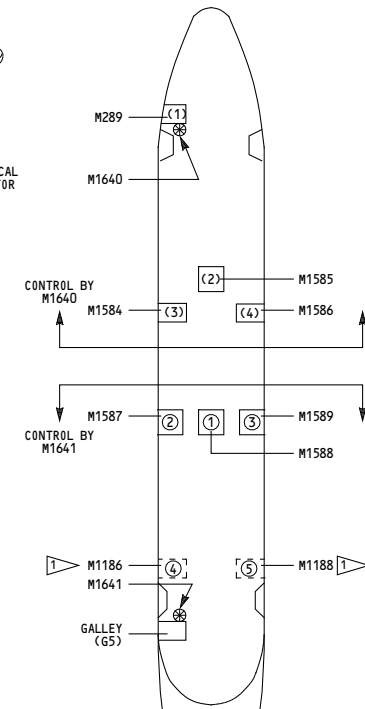
WIRING DIAGRAMS  
26-13-11



	REMOTE SMOKE DETECTION PANEL (RSDP)		LAVATORY		
	ITEM NUMBER	DECAL INDICATOR	LOCATION	ITEM NUMBER	CONNECTOR
<p>3 DIP SWITCHES ON THE BACK SIDE OF (RSDP)</p> <p>(26-13-02)</p> <p>SELECT 654321 DESELECT DETECTOR</p>	M1640	A	(1)	M289 (STA 265 L)	P20
		B	(2)	M1585 (STA 654+76)	D13482
		C	(3)	M1584 (STA 654+121 L)	D13480
		D	(4)	M1586 (STA 654+121 R)	D13484
<p>(26-13-02)</p> <p>SELECT 654321 DESELECT DETECTOR</p>	M1641	E	①	M1588 (STA 970)	D13488
		F	②	M1587 (STA 967 L)	D13486
		G	③	M1589 (STA 967 R)	D13490
		TBD	④	M1186 (STA 1463 L)	D6904P
		TBD	⑤	M1188 (STA 1463 R)	D6906P

- NOTES:
- ALTERNATE LAV OR PASS SEATS WHEN CABIN CREW REST IS REMOVED (SEE 26-13-02)
  - RT6 FOR VN165-VN170 (164-274)
  - "SELECT" POSITION WHEN ASSOCIATED LAV OR CREW REST IS INSTALLED  
"DESELECT" POSITION WHEN ASSOCIATED LAV OR CREW REST IS REMOVED (SEE 26-13-02)

⊗ SMOKE DETECTION PNL



162-199

**LAVATORY SMOKE DETECTOR**

D280T232

**26-13-01**

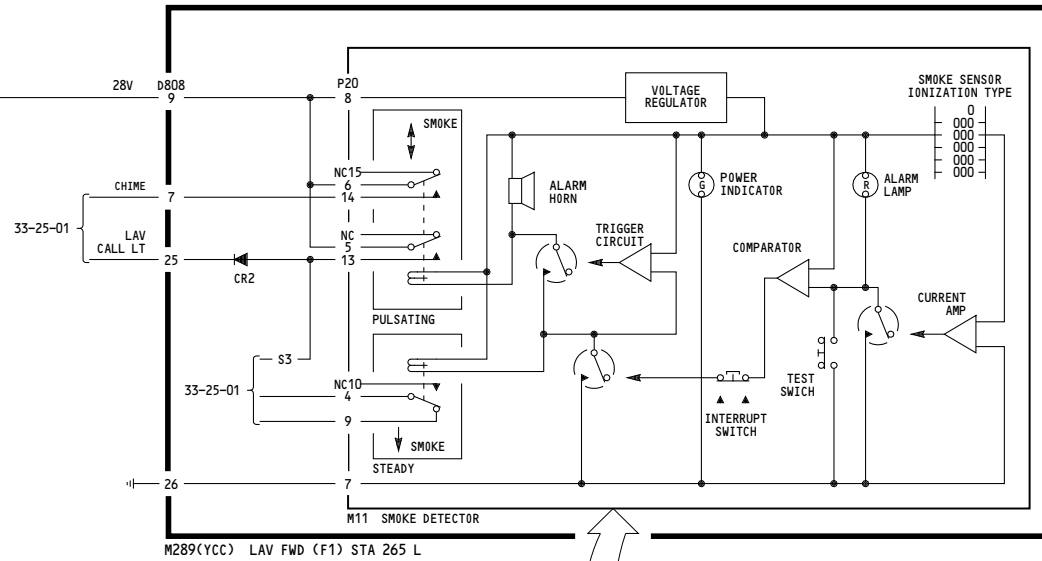
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WIRING DIAGRAMS  
26-13-11

28V DC  
R. BUS  
25-54-01  
C1194  
LAV CALL/SMOKE  
DETECTOR SYSTEM CB (P34)  
P11-6 CB PANEL ASSY



SAME AS M289  
D10908  
9 CHIME  
25 CALL LT  
26  
M1242(YGB) LAV (FWD-F2)  
STA 367 L

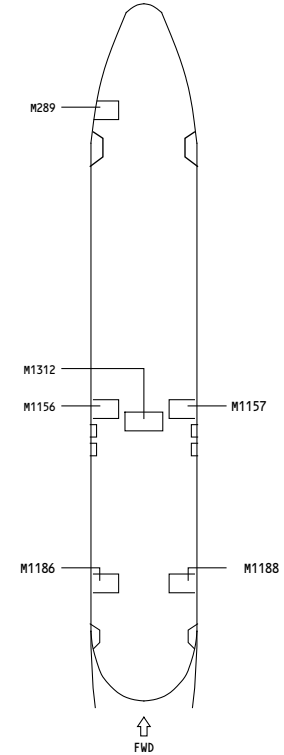
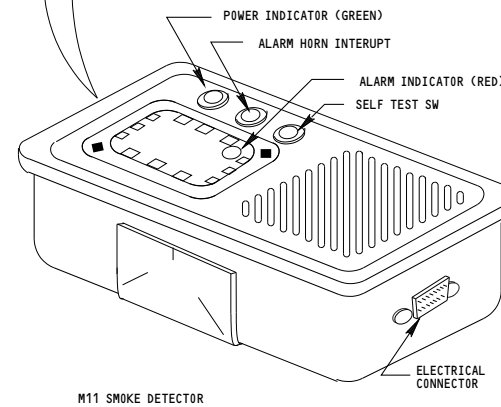
SAME AS M289  
D814  
9 CHIME  
25 CALL LT  
26  
M1186(YEC) LAV AFT (A-L)  
STA 1463 L

SAME AS M289  
D816  
9 CHIME  
25 CALL LT  
26  
M1188(YEE) LAV (A-R)  
STA 1463 R

SAME AS M289  
D810  
9 CHIME  
25 CALL LT  
26  
M1156(YCF) LAV MID LEFT  
(M-L) STA 833 L

SAME AS M289  
D812  
9 CHIME  
25 CALL LT  
26  
M1157(YCG) LAV MID RIGHT  
(M-R) STA 833 R

SAME AS M289  
D10568  
9 CHIME  
25 CALL LT  
26  
M1312(YGT) LAV (M-C)  
STA 852, BL 0



275-278

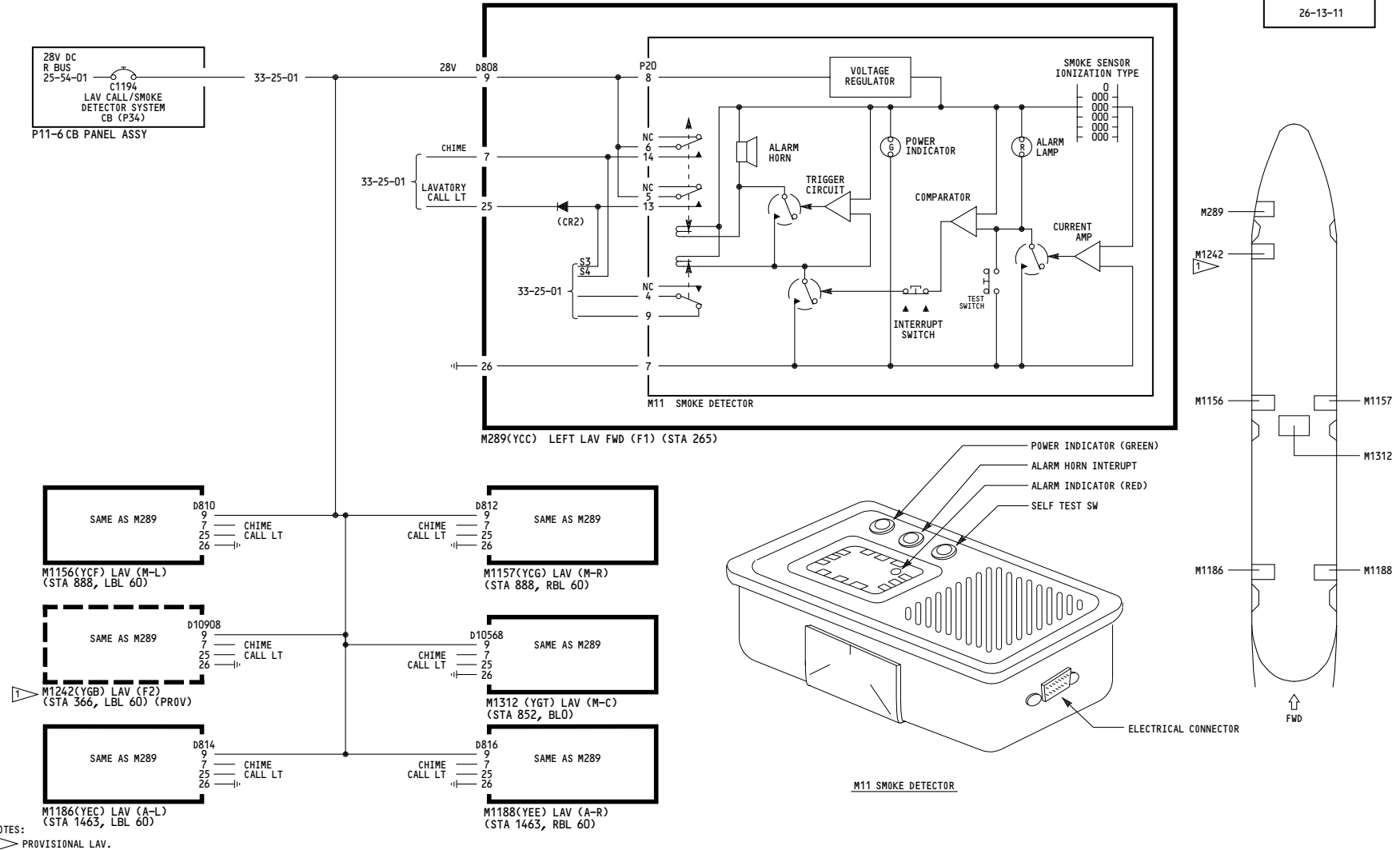
**LAVATORY SMOKE DETECTOR**

D280T232

**26-13-01**

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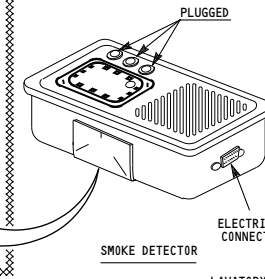
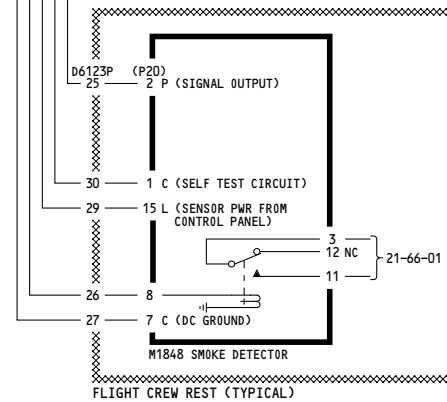
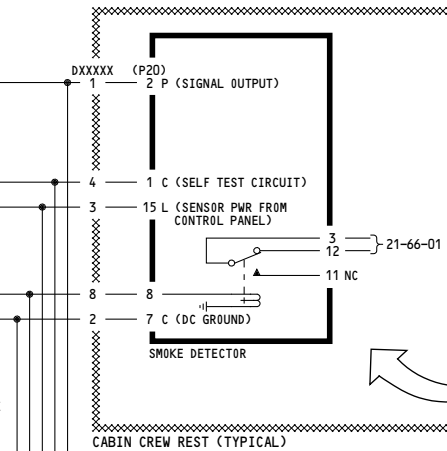
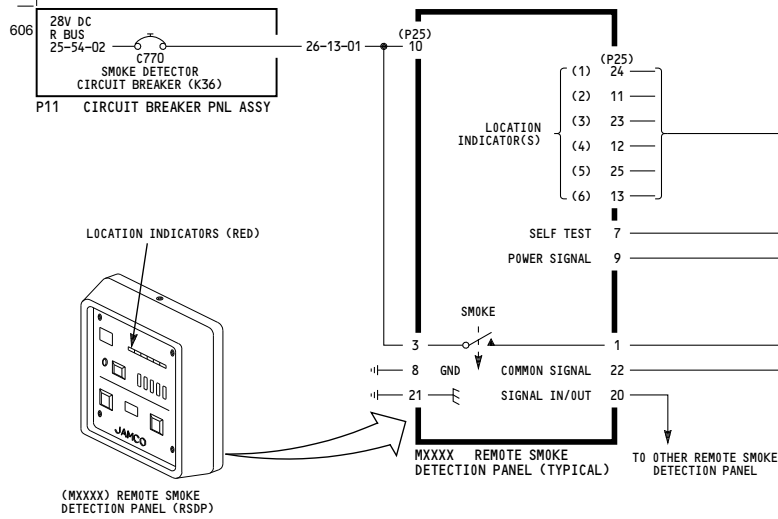
**LAVATORY SMOKE DETECTOR**

D280T232

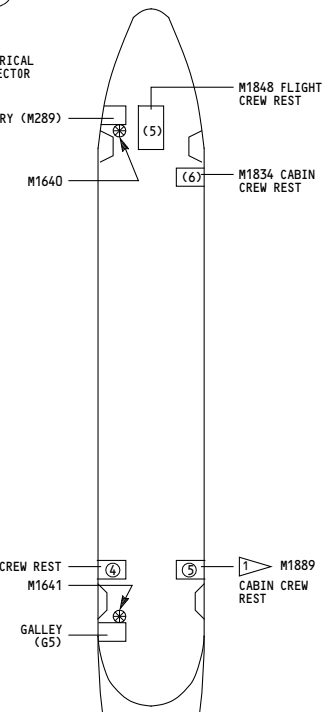
**26-13-01**

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WIRING DIAGRAMS  
26-13-12



2 DIP SWITCHES ON THE BACK SIDE OF (RSDP)	REMOTE SMOKE DETECTION PANEL (RSDP)		FLIGHT/CABIN CREW REST		
	ITEM NUMBER	DECAL INDICATOR	LOCATION	ITEM NUMBER	CONNECTOR
(26-13-01) SELECT 654321 DESELECT DETECTOR	M1640	R1	(5) FLIGHT CREW REST (STA 276) M1848	D6123P	
		R2	(6) CABIN CREW REST (STA 437 R) M1834	D69000P	
(26-13-01) SELECT 654321 DESELECT DETECTOR	M1641	R3	(4) CABIN CREW REST (STA 1450 L) M1889	D6904P	
		R4	(5) CABIN CREW REST (STA 1450 R) M1889	D6906P	

NOTES:  
1 ALTERNATE LAV OR PASS SEATS  
2 "SELECT" POSITION WHEN ASSOCIATED LAV OR CREW REST IS INSTALLED  
"DESELECT" POSITION WHEN ASSOCIATED LAV OR CREW REST IS REMOVED (SEE 26-13-01)

⊗ REMOTE SMOKE DETECTION PNL

050-099

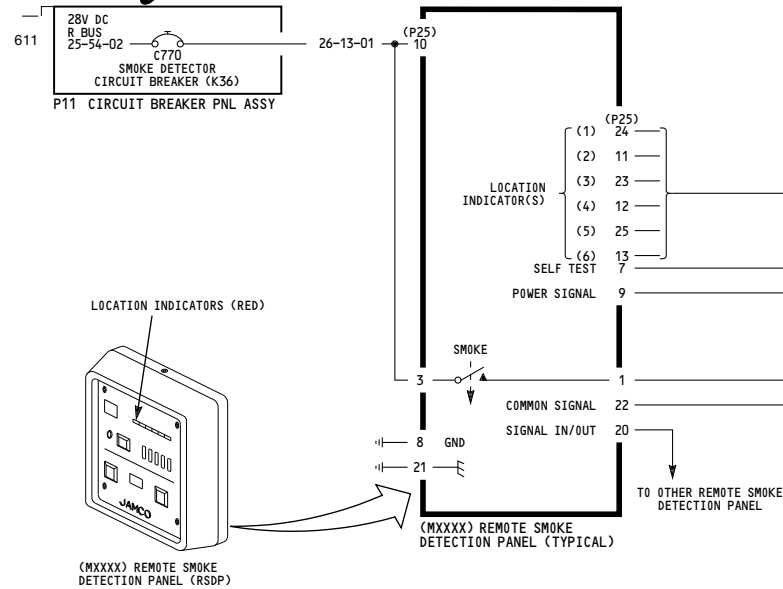
**CREW SMOKE DETECTION  
SYSTEM**

D280T232

**26-13-02**

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2 DIP SWITCHES ON THE BACK SIDE OF (RSDP)	REMOTE SMOKE DETECTION PANEL (RSDP)		FLIGHT/CABIN CREW REST		
	ITEM NUMBER	DECAL INDICATOR	LOCATION	ITEM NUMBER	CONNECTOR
(26-13-01)	M1641	R3	④	CABIN CREW REST (STA 1450 L) M1889	D6904P
		R4	⑤	CABIN CREW REST (STA 1450 R) M1889	D6906P

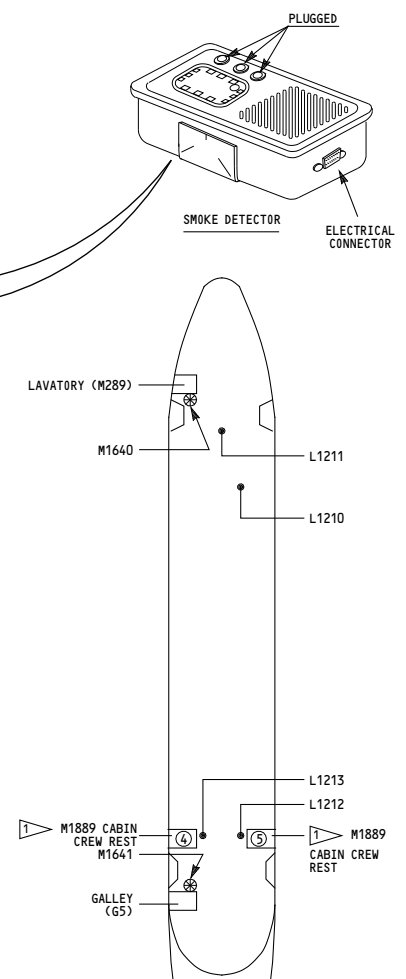
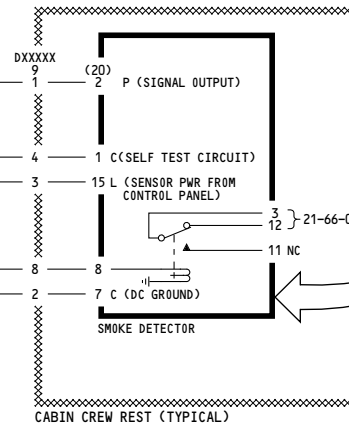
**NOTES:**

1 ALTERNATE LAV OR PASS SEATS (SEE 26-13-01)

2 "SELECT" POSITION WHEN ASSOCIATED LAV OR CREW REST IS INSTALLED  
"DESELECT" POSITION WHEN ASSOCIATED LAV OR CREW REST IS REMOVED (SEE 26-13-01)

⊗ REMOTE SMOKE DETECTION PNL

• CREW SMOKE WARNING LT



**26-13-02**

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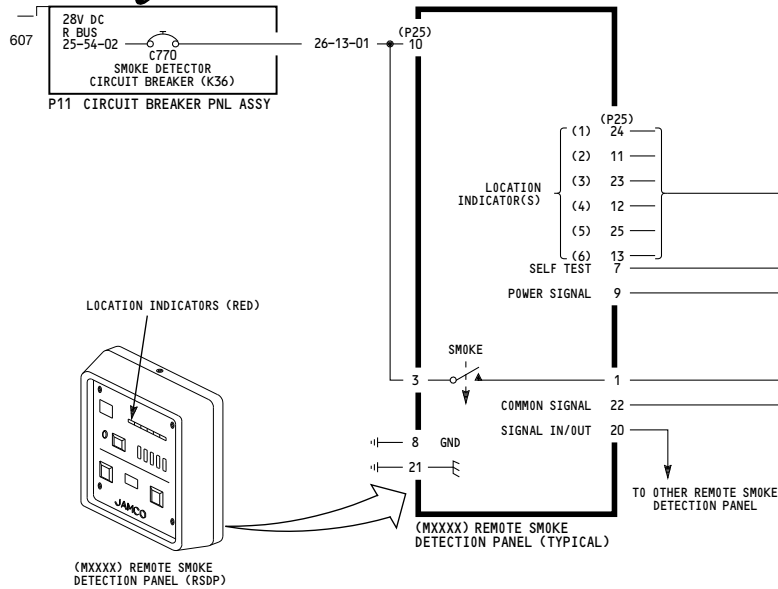
Jan 21/2005

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**CREW SMOKE DETECTION SYSTEM**

D280T232

Incorporates  
MTO 210353



DIP SWITCHES ON THE BACK SIDE OF (RSDP)	REMOTE SMOKE DETECTION PANEL (RSDP)		FLIGHT/CABIN CREW REST		
	ITEM NUMBER	DECAL INDICATOR	LOCATION	ITEM NUMBER	CONNECTOR
(26-13-01) SELECT 654321 DESELECT DETECTOR	M1640	R1	(5) FLIGHT CREW REST (STA 276) M1848		D6123P
		R2	(6) CABIN CREW REST (STA 437 RBL 55) M1834		D69000P
(26-13-01) SELECT 654321 DESELECT DETECTOR	M1641	R3	(4) CABIN CREW REST (STA 1450 L) M1889		D6904P
		R4	(5) CABIN CREW REST (STA 1450 R) M1889		D6906P

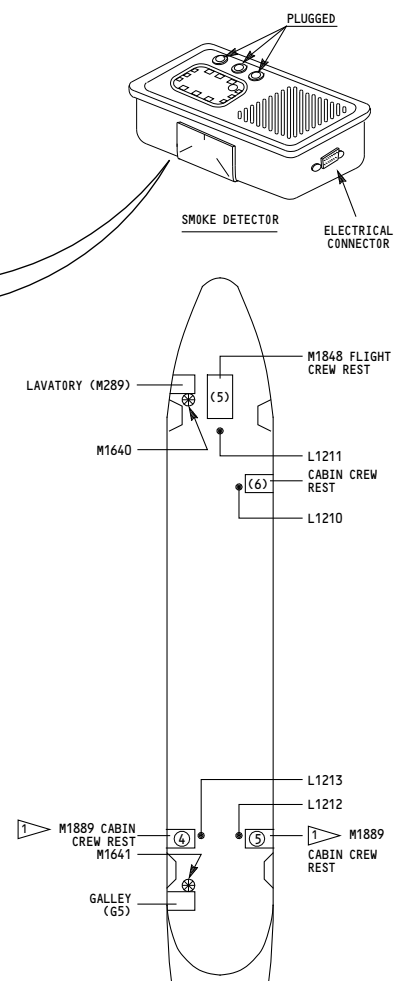
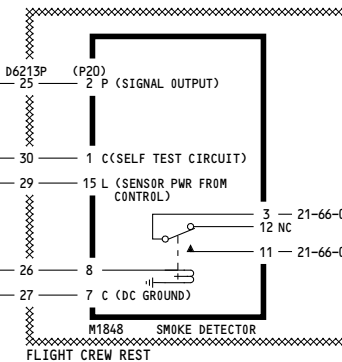
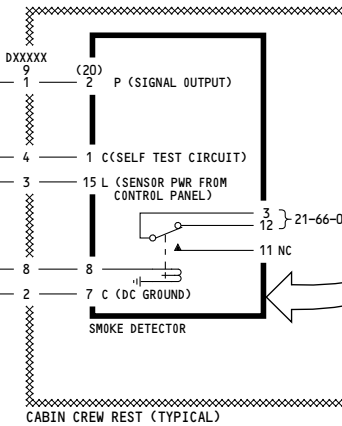
**NOTES:**

1 ALTERNATE LAV OR PASS SEATS (SEE 26-13-01)

2 "SELECT" POSITION WHEN ASSOCIATED LAV OR CREW REST IS INSTALLED  
"DESELECT" POSITION WHEN ASSOCIATED LAV OR CREW REST IS REMOVED (SEE 26-13-01)

⊗ REMOTE SMOKE DETECTION PNL

• CREW SMOKE WARNING LT



**26-13-02**

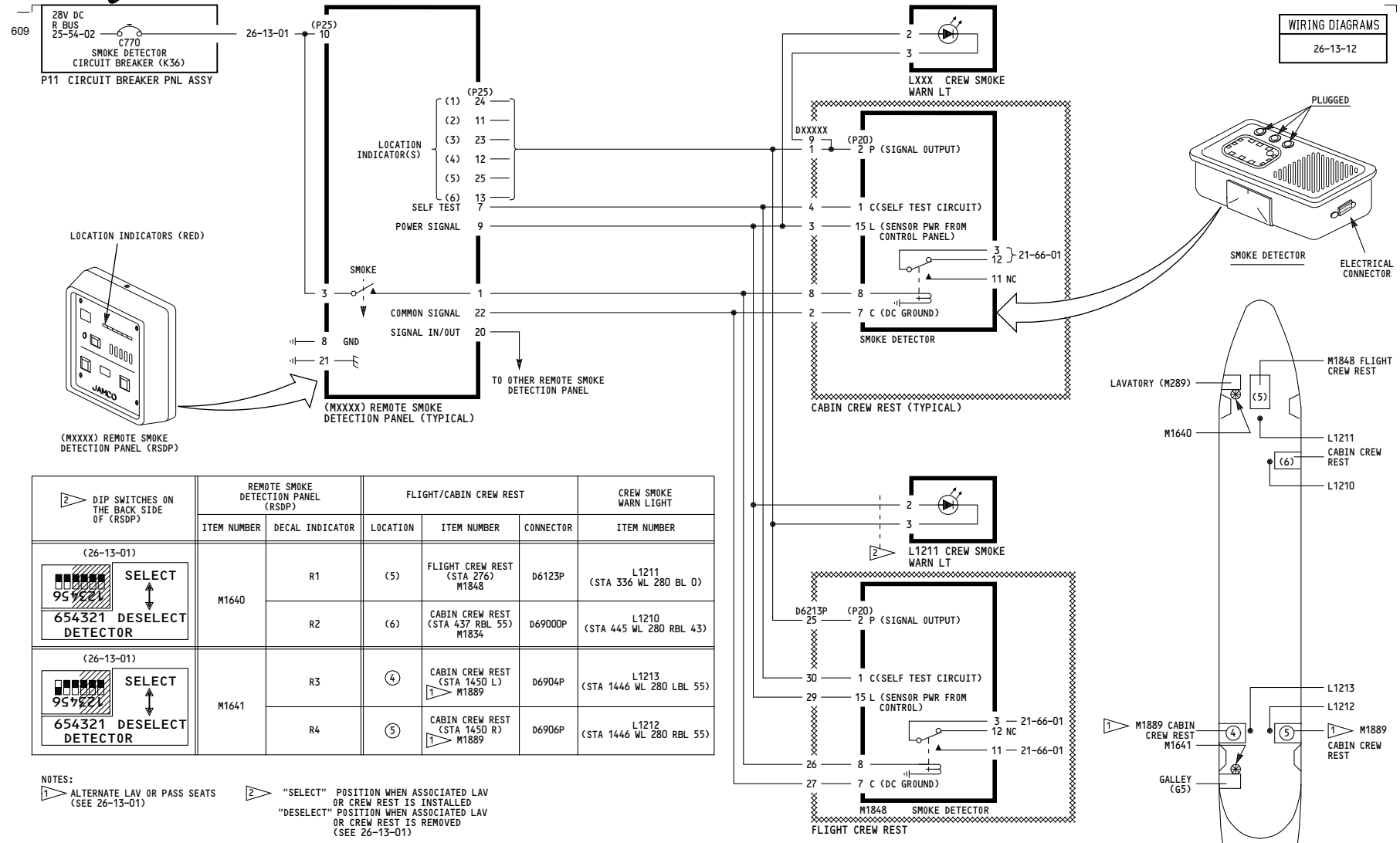
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**CREW SMOKE DETECTION SYSTEM**

D280T232

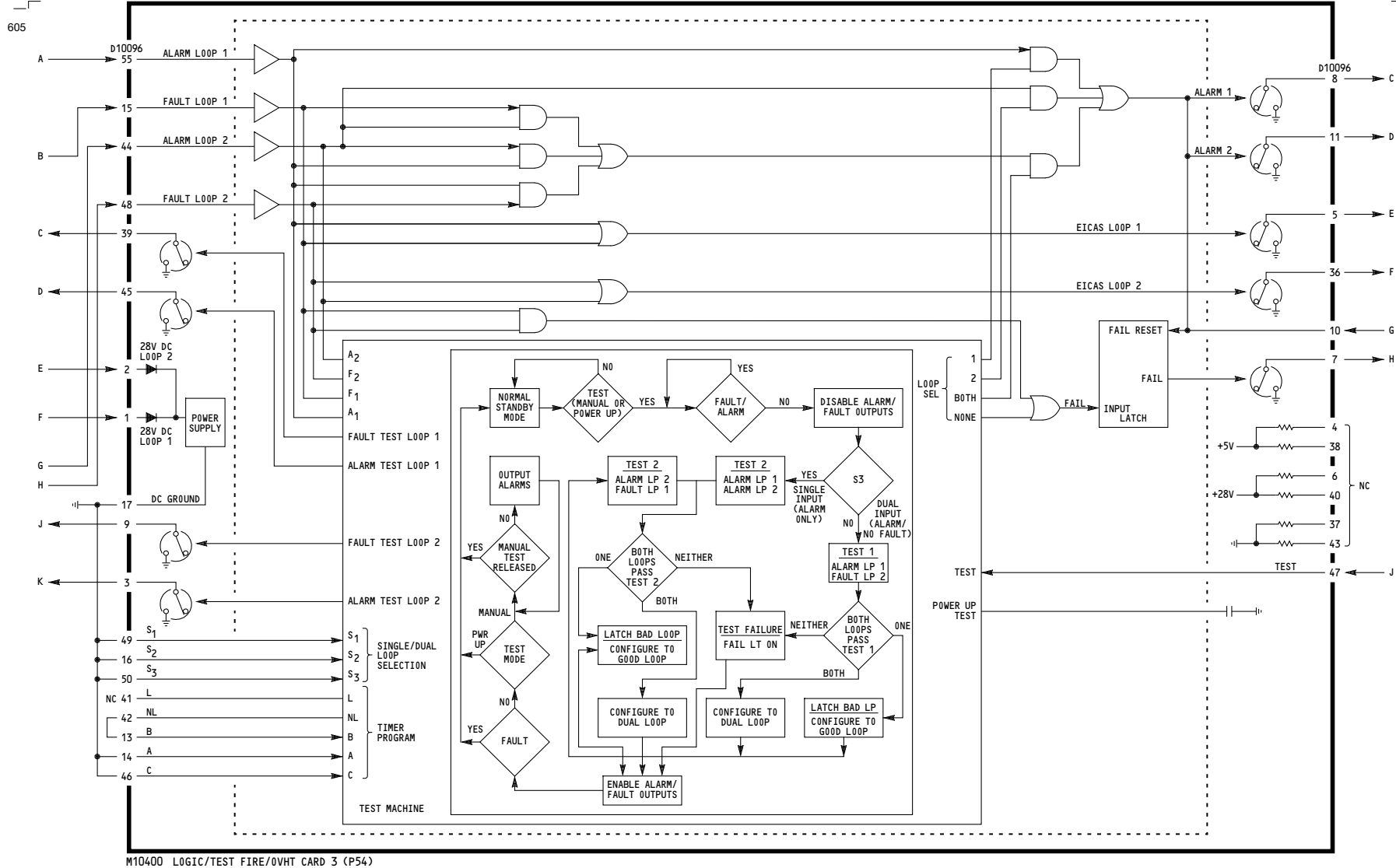


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**26-15-01**



M10400 LOGIC/TEST FIRE/0VHT CARD 3 (P54)

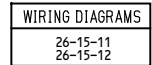
150-199

## FIRE DETECTION- AUXILIARY POWER UNIT

D280T232

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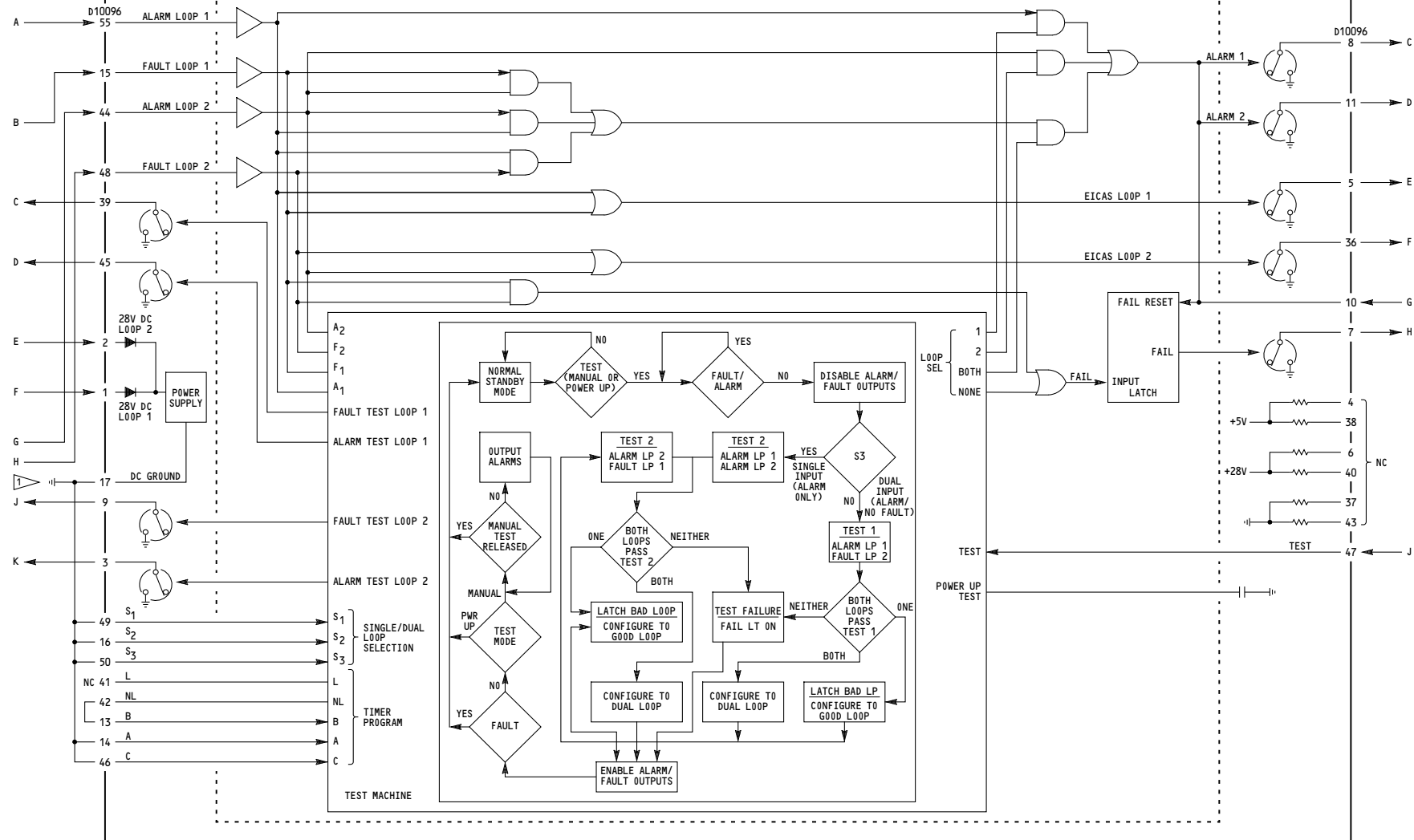


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M10400 LOGIC/TEST FIRE/0VHT CARD 3 (P54)

275-278

## FIRE DETECTION- AUXILIARY POWER UNIT

D280T232

NOTES:

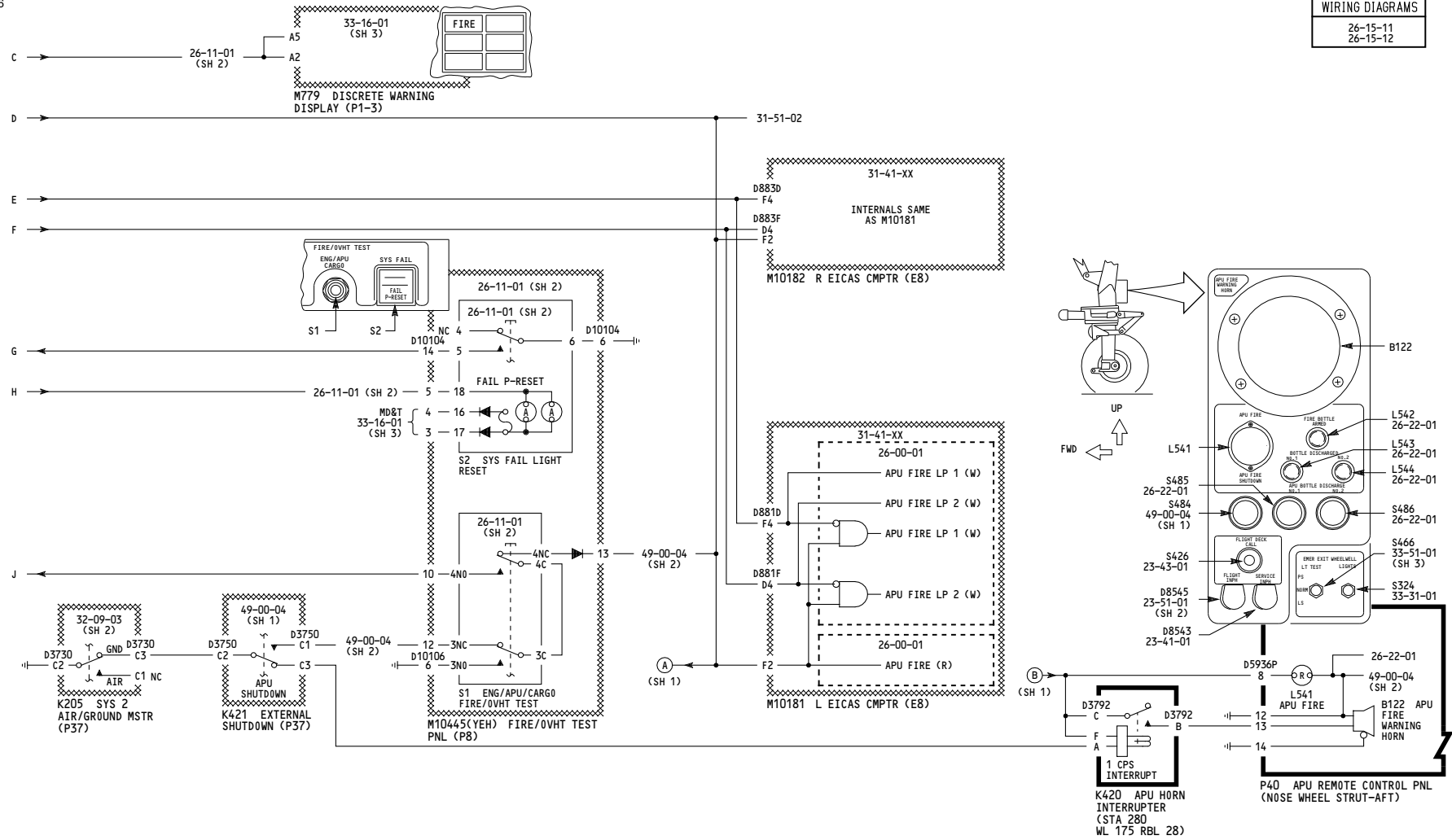
1 COMMON GROUND NOT INSTALLED VA301-VA308 (101-108)

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FIRE DETECTION-AUXILIARY POWER UNIT

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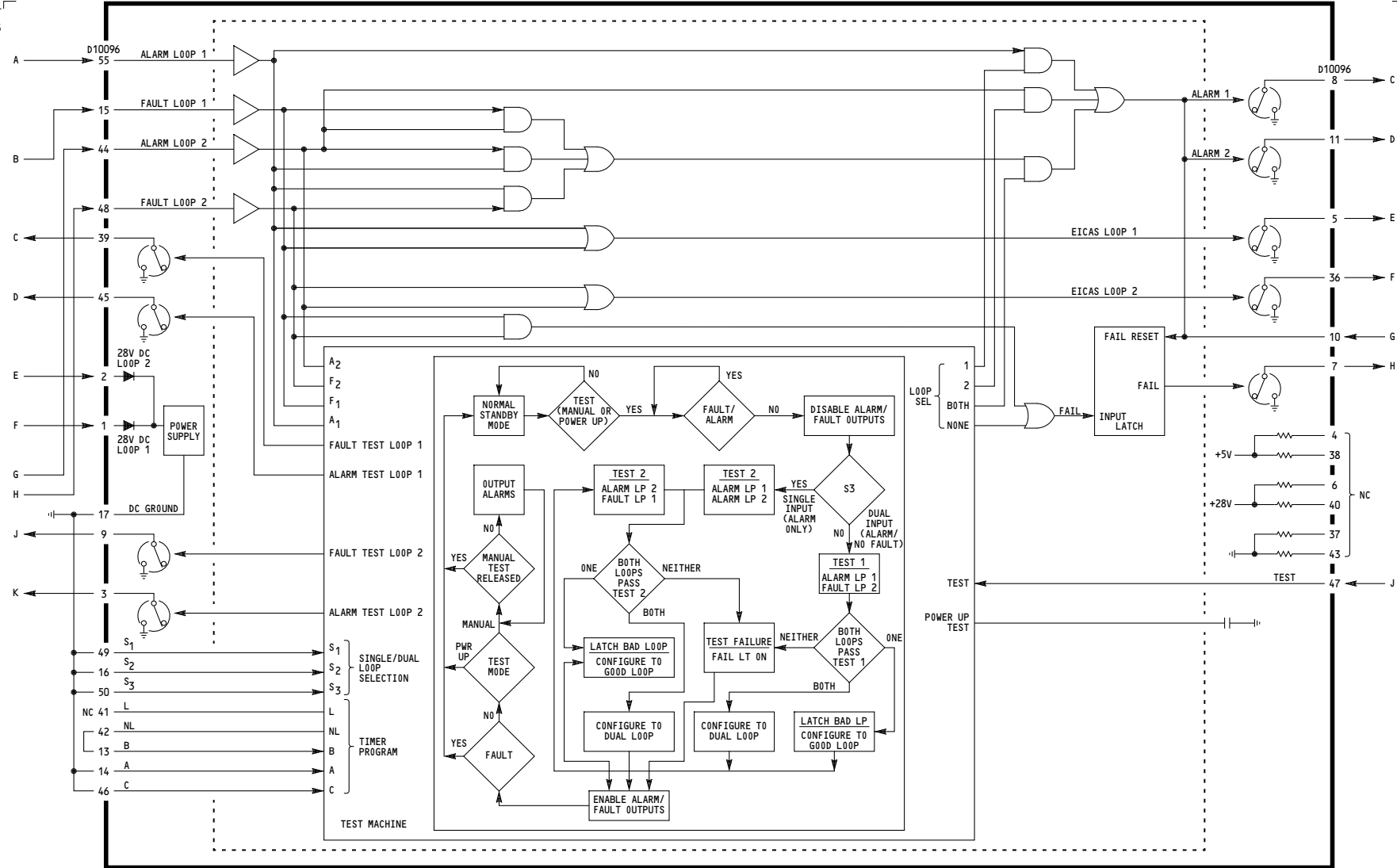
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M10400 LOGIC/TEST FIRE/OVHT CARD 3 (P54)

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**FIRE DETECTION-AUXILIARY POWER UNIT**

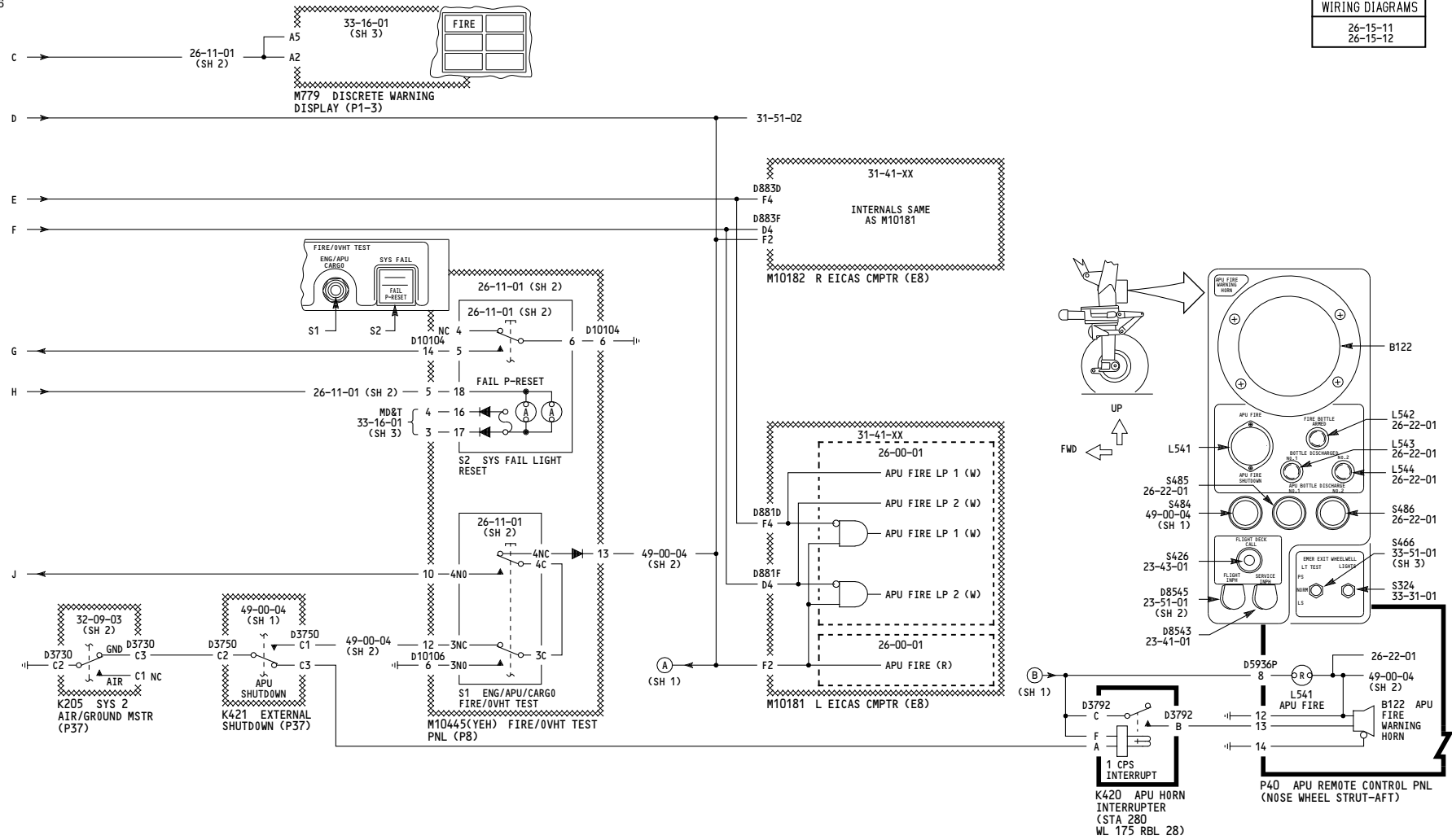
D280T232

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WIRING DIAGRAMS  
26-15-11  
26-15-12

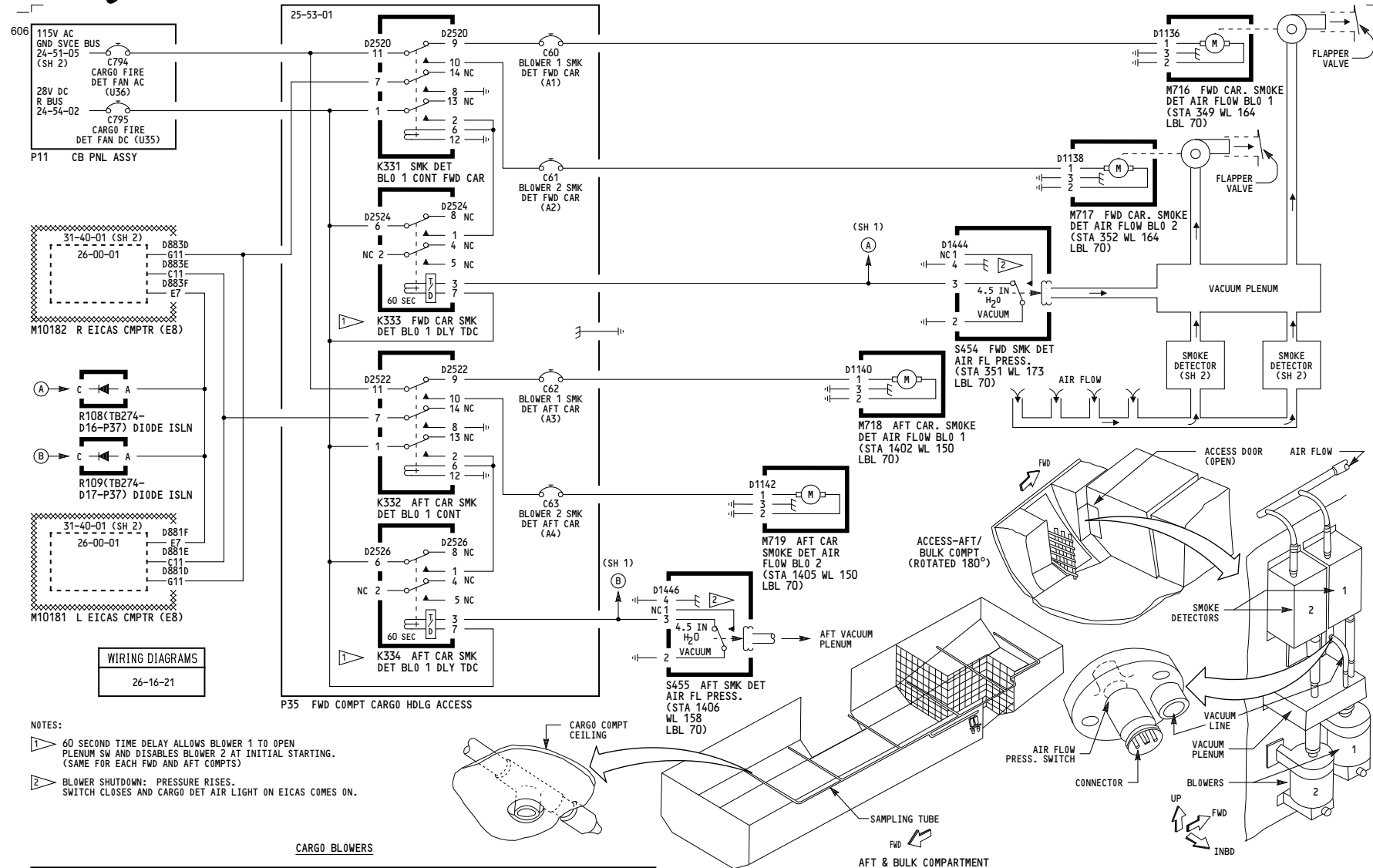


280-299	<b>FIRE DETECTION-AUXILIARY POWER UNIT</b>
	D280T232

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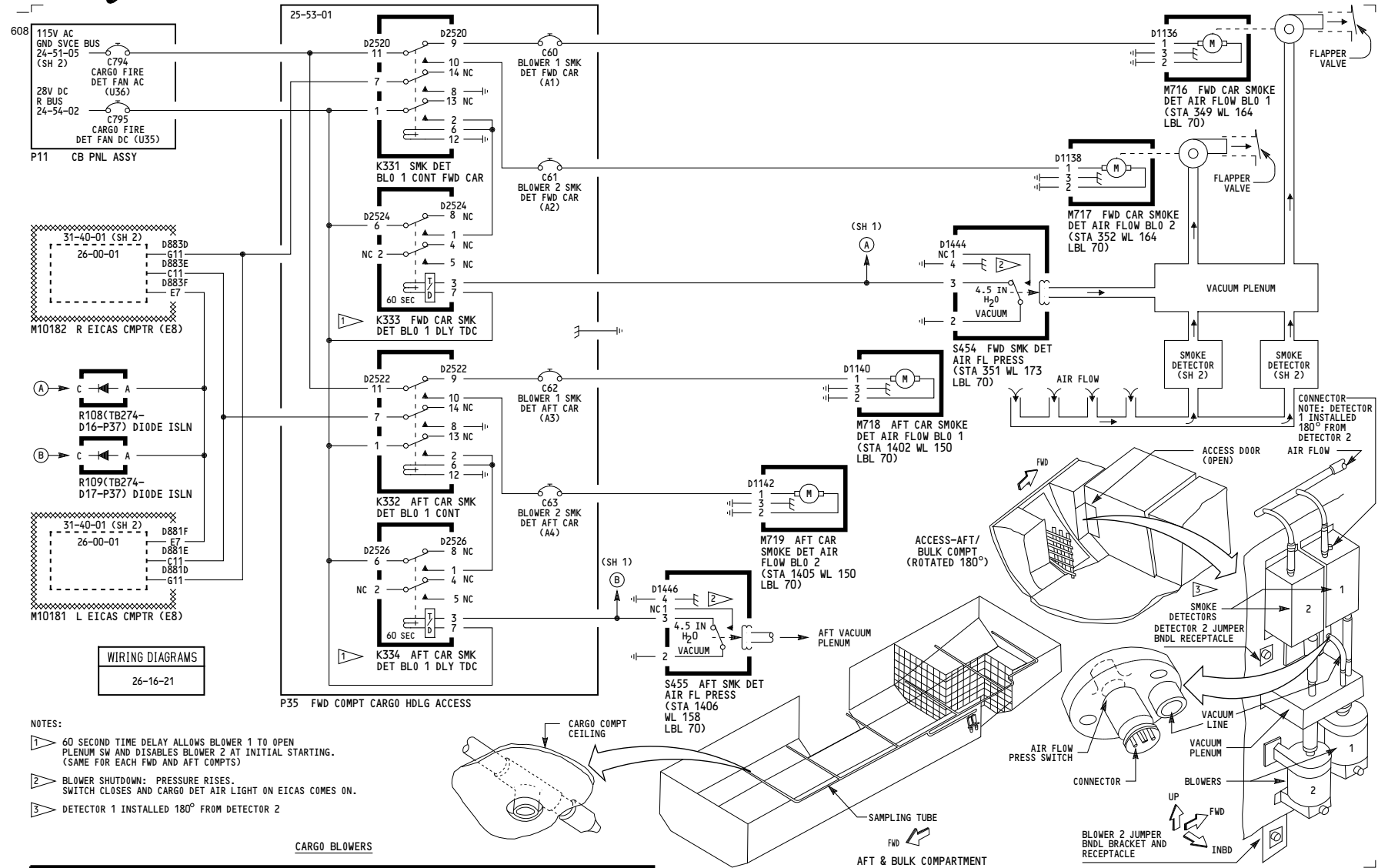
**SMOKE DETECTION-  
LOWER CARGO COMPARTMENT**

D280T232

**26-16-01**

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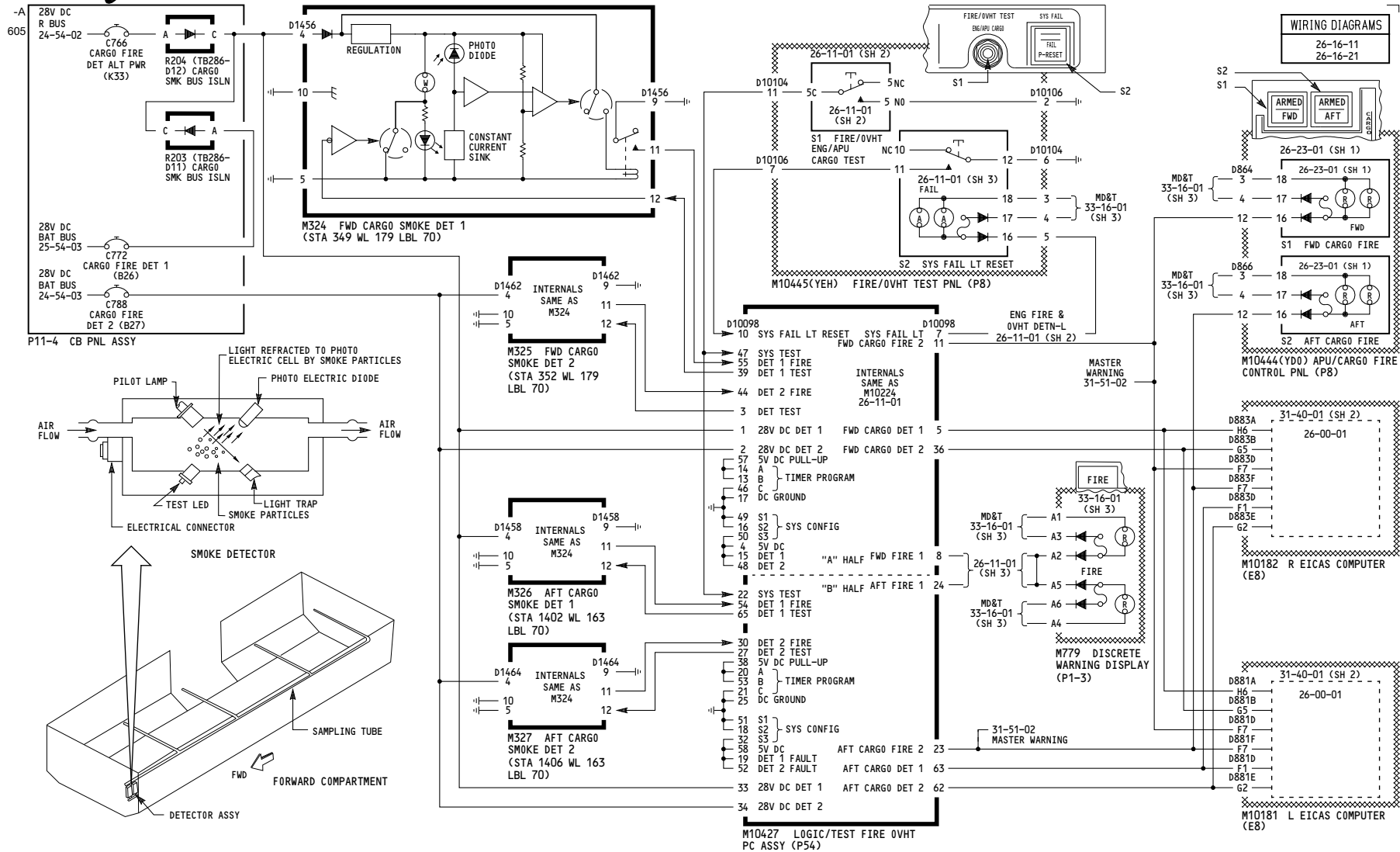
156-157, 166-199

**SMOKE DETECTION-  
LOWER CARGO COMPARTMENT**

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**SMOKE DETECTION-  
LOWER CARGO COMPARTMENT**

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28V DC  
L BUS  
SECT 1  
24-54-01

C4126  
ENG START  
LD SHED  
RESET (T2)

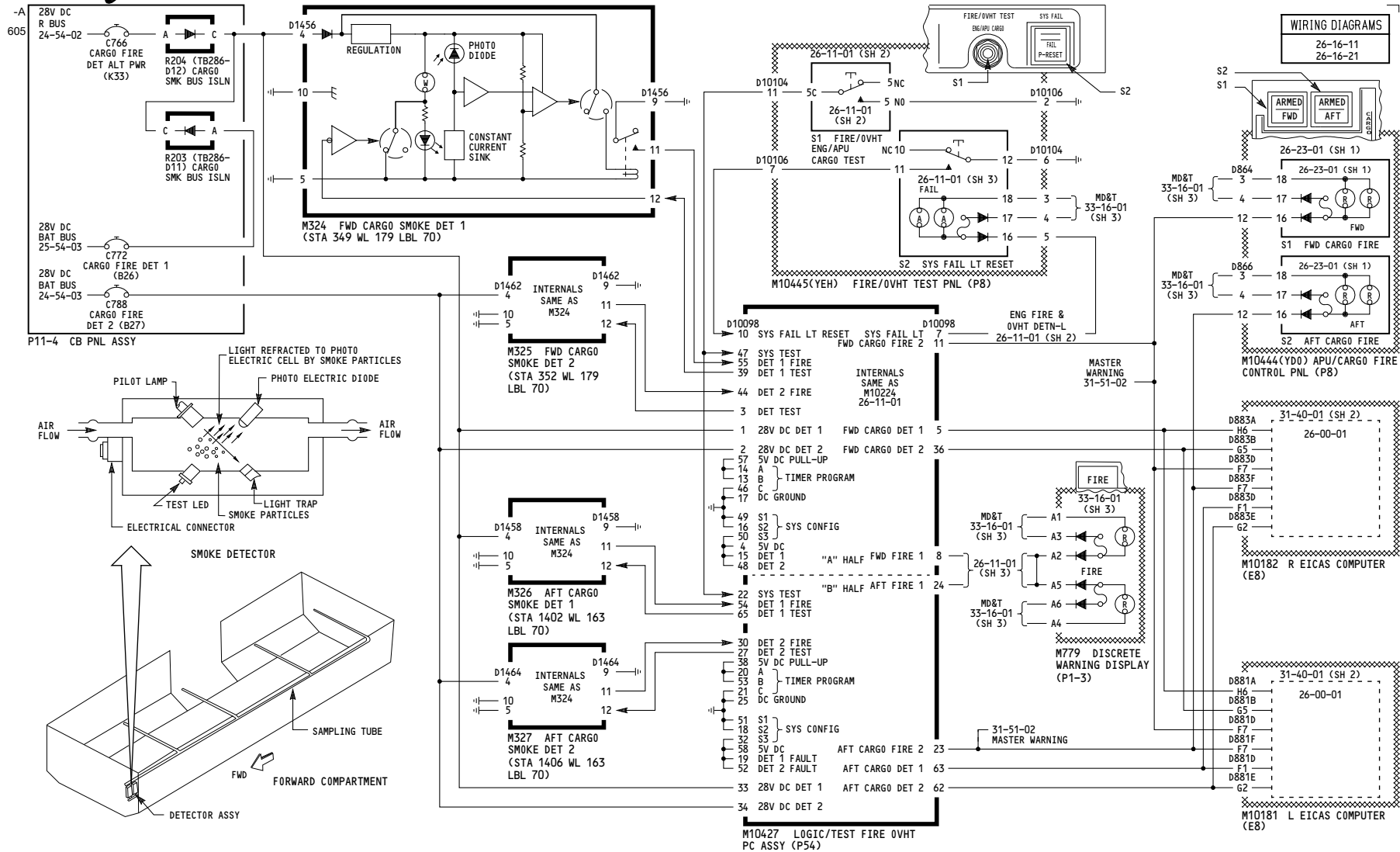
P11 CB PNL



**SMOKE DETECTION-  
LOWER CARGO COMPARTMENT**

**26-16-01**

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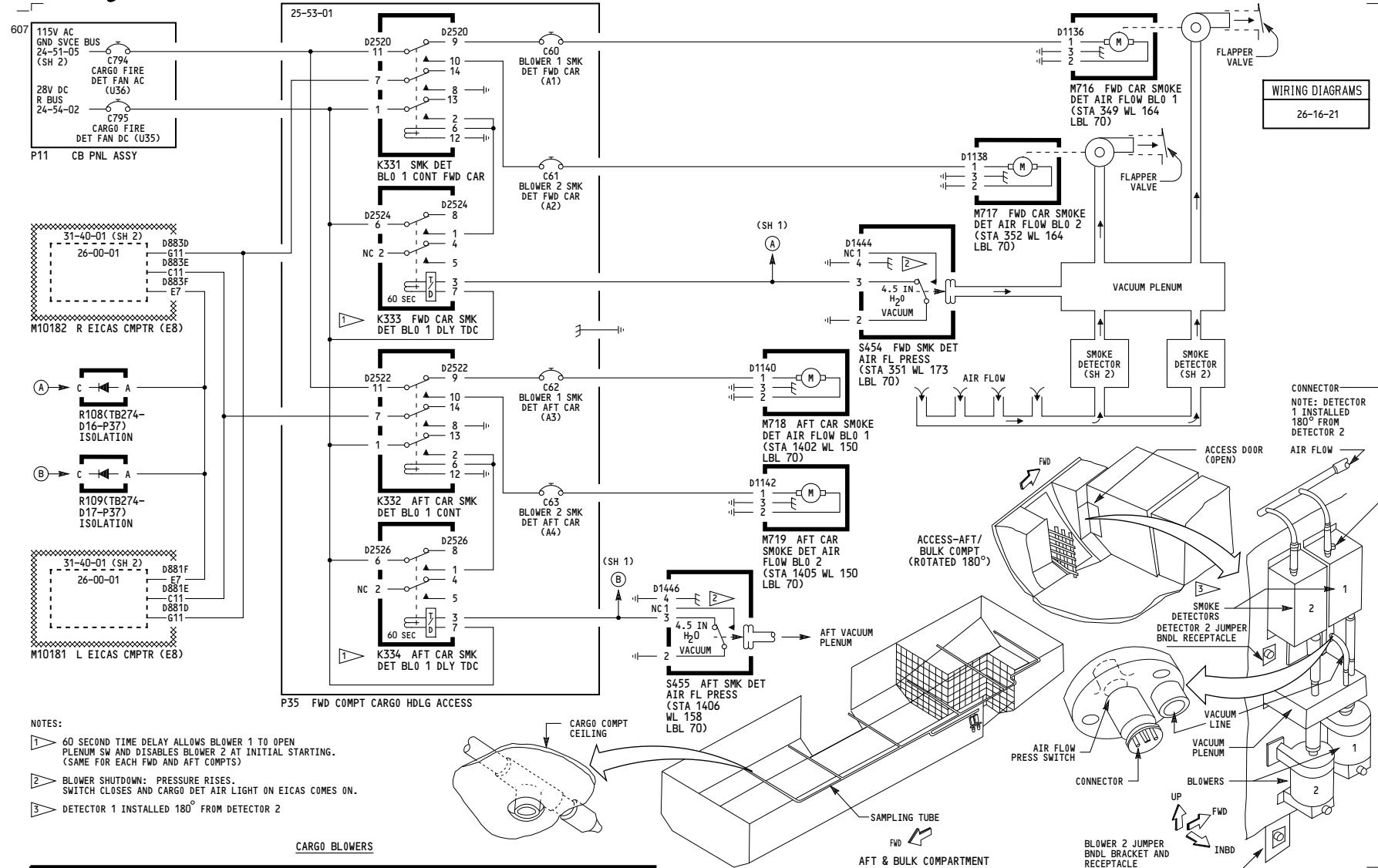
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**SMOKE DETECTION-  
LOWER CARGO COMPARTMENT**

D280T232

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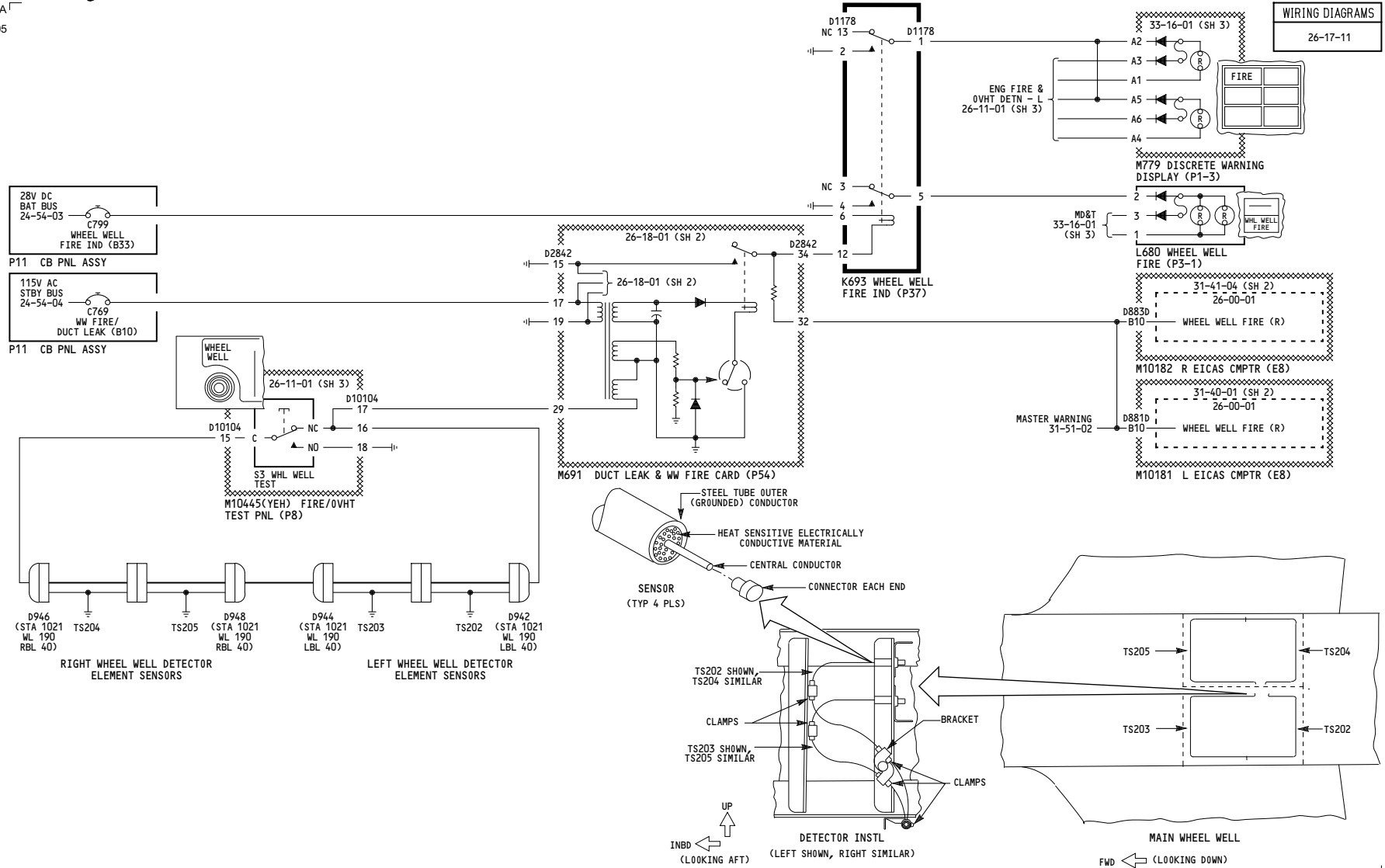


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605



050-099

**FIRE DETECTION-  
WHEEL WELL**

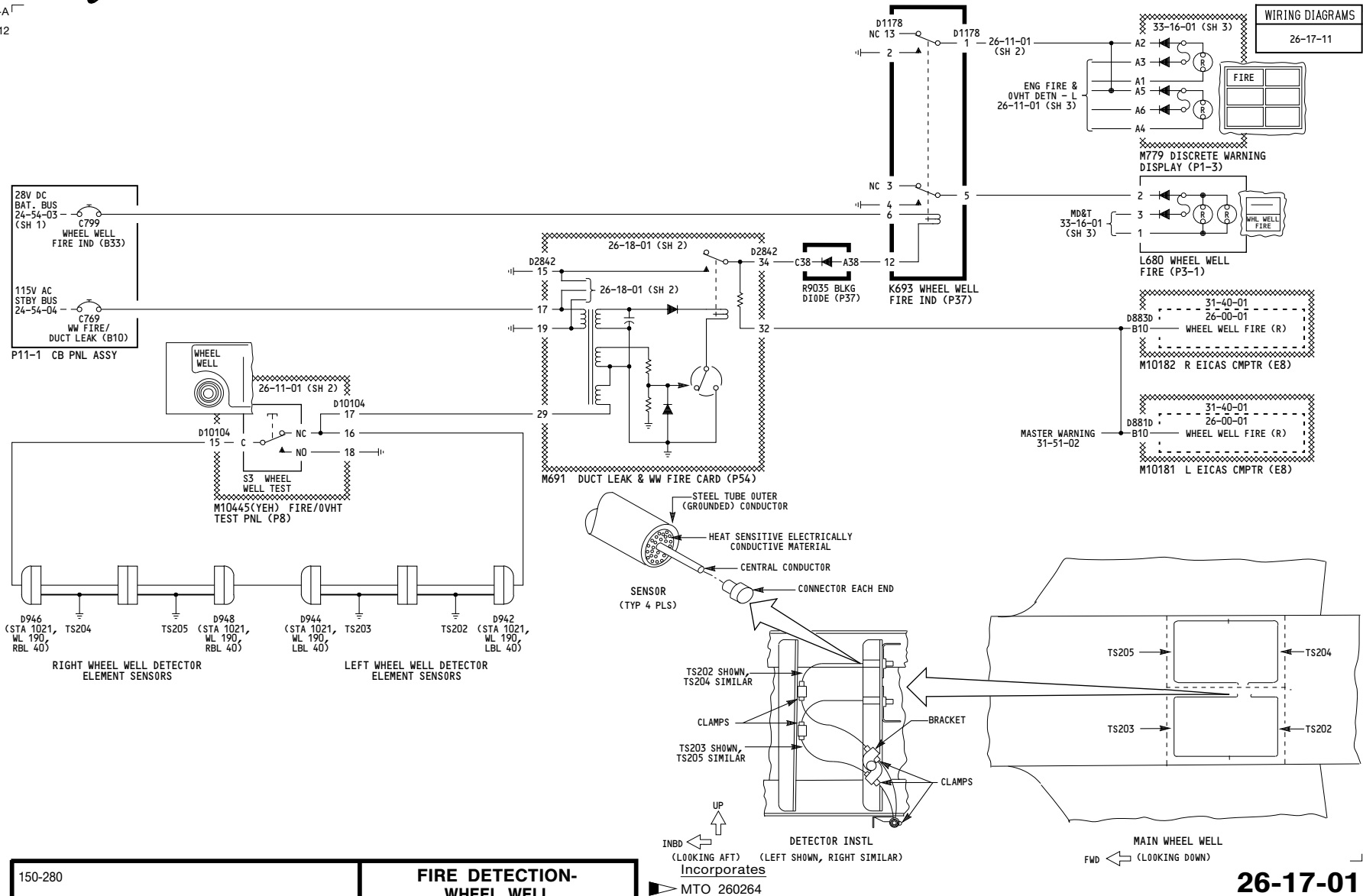
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**FIRE DETECTION-  
WHEEL WELL**

D280T232

**26-17-01**

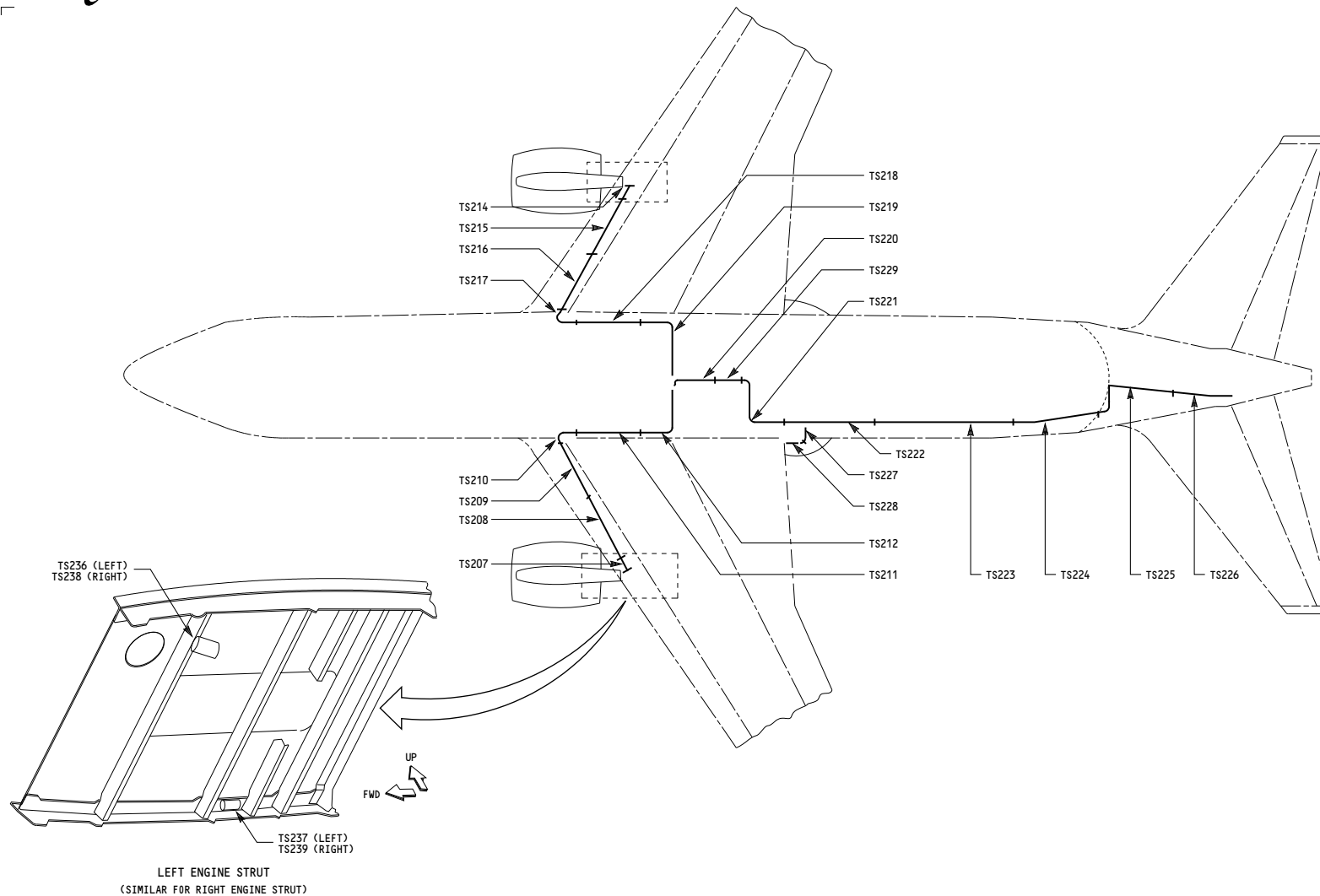
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**WIRING DIAGRAMS**

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26-18-12  
26-18-21  
26-18-22  
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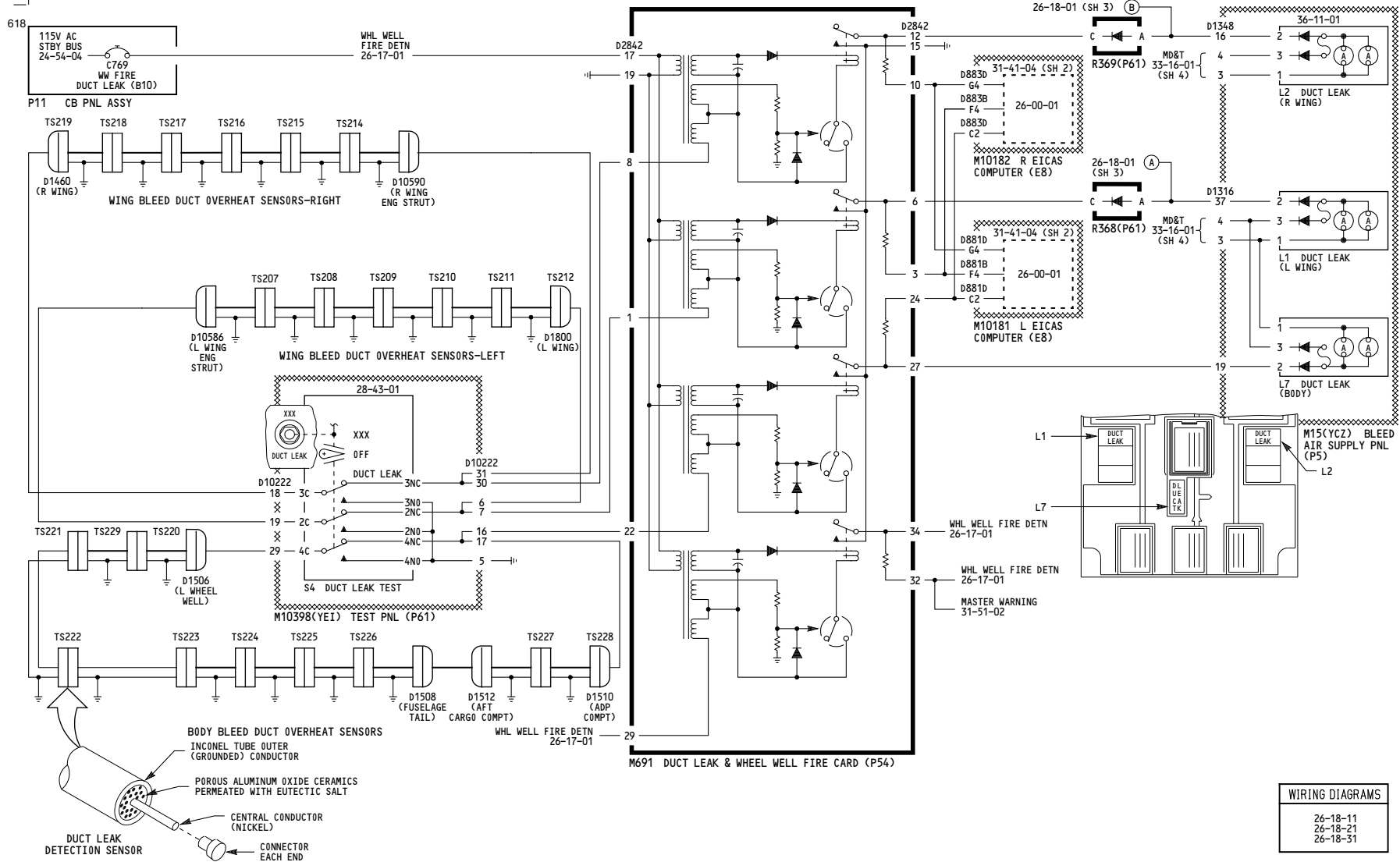
050-099

**DUCT LEAK DETECTION**

D280T232

**26-18-01**

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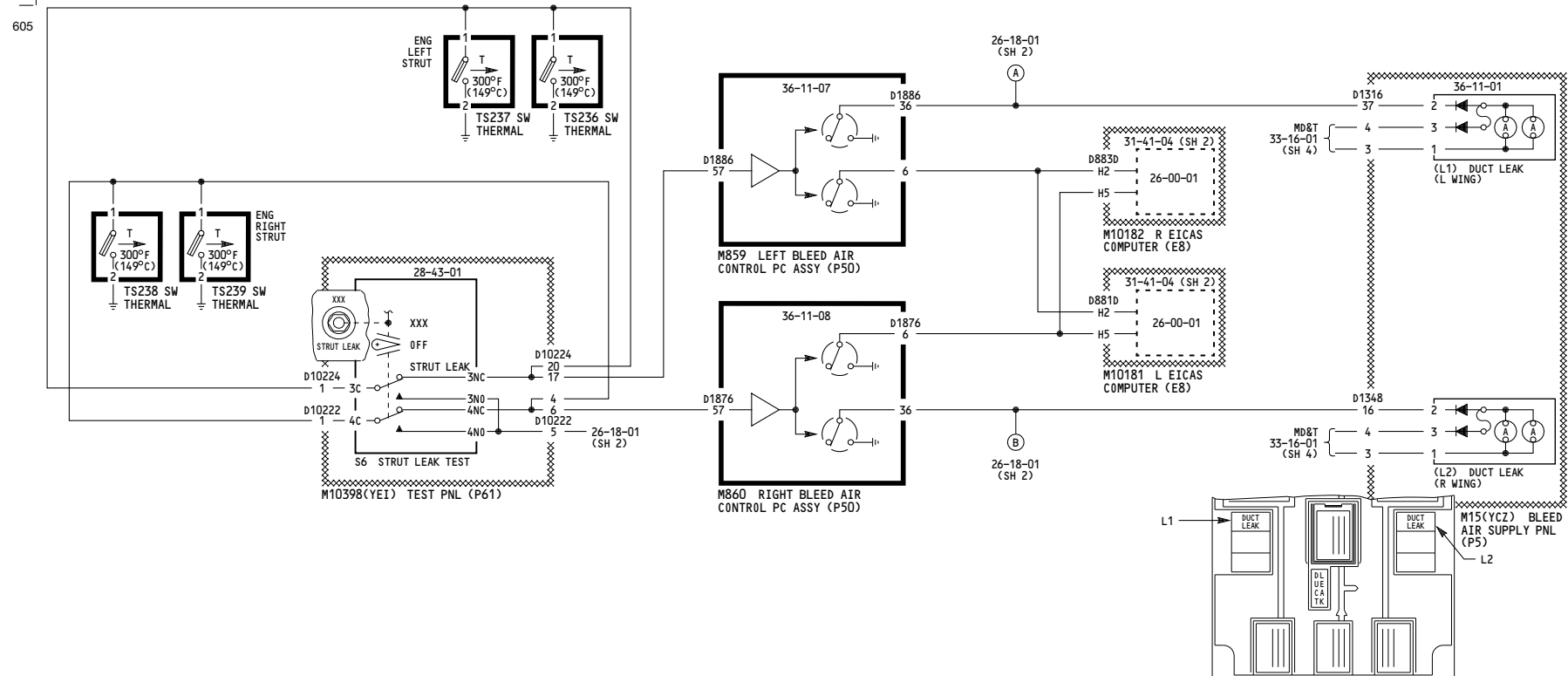
## DUCT LEAK DETECTION

D280T232

# 26-18-01

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WIRING DIAGRAMS
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26-18-22

## 26-18-01

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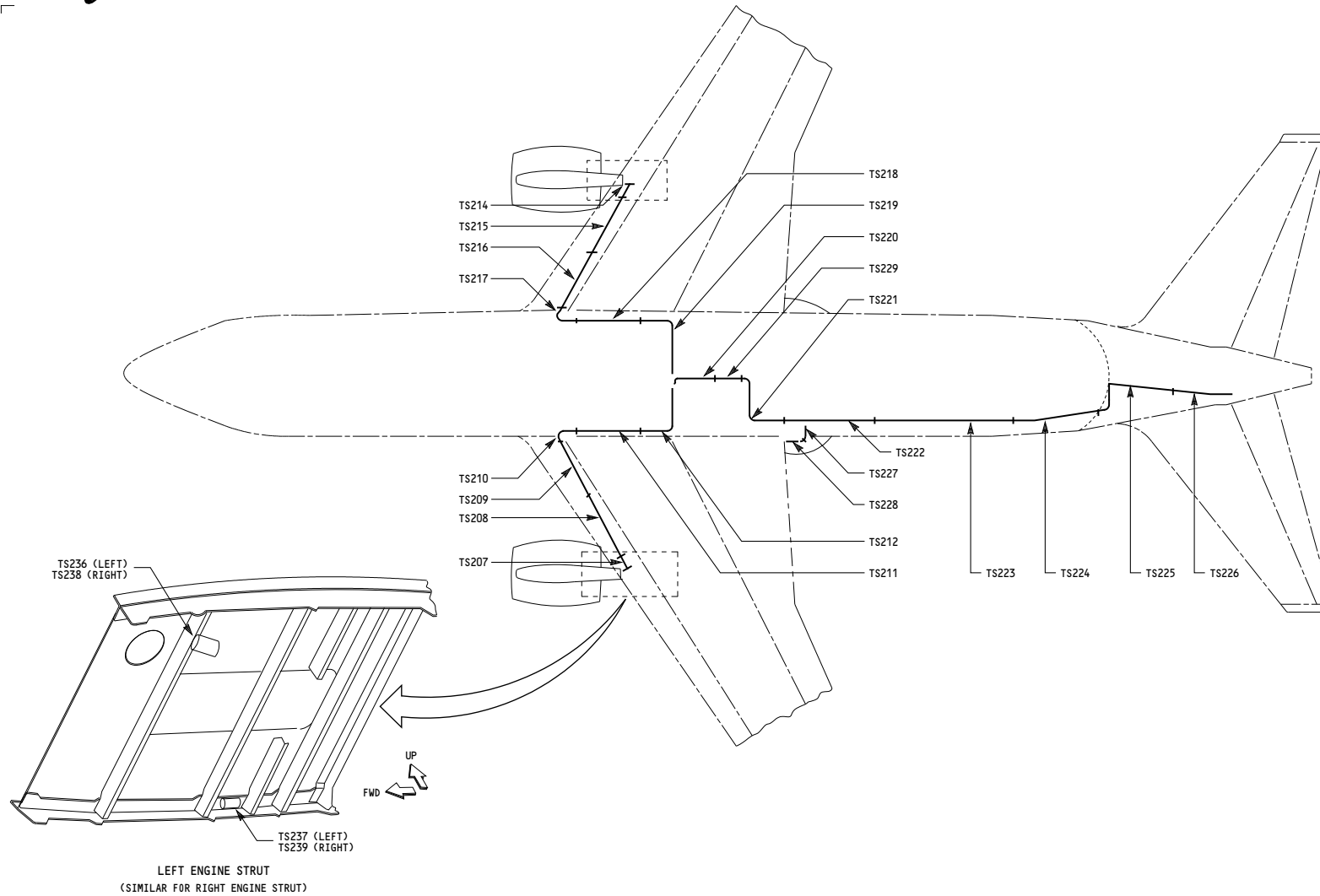
050-099

DUCT LEAK DETECTION

D280T232

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WIRING DIAGRAMS
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26-18-12
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26-18-31



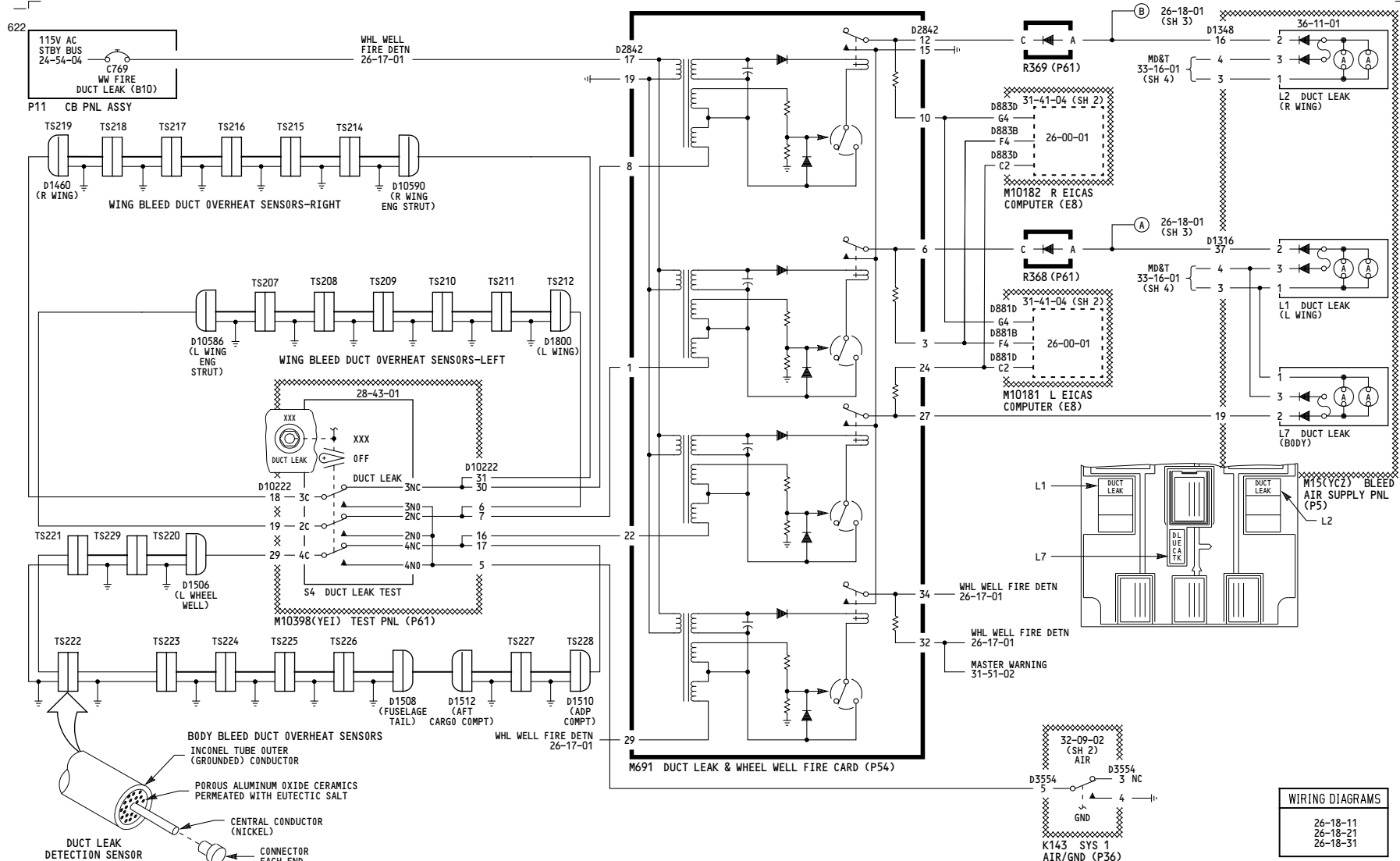
050-051

**DUCT LEAK DETECTION**

D280T232

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050-051

**DUCT LEAK DETECTION**

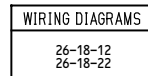
D280T232

Incorporates  
26-0079

WIRING DIAGRAMS	
26-18-11	
26-18-21	
26-18-31	

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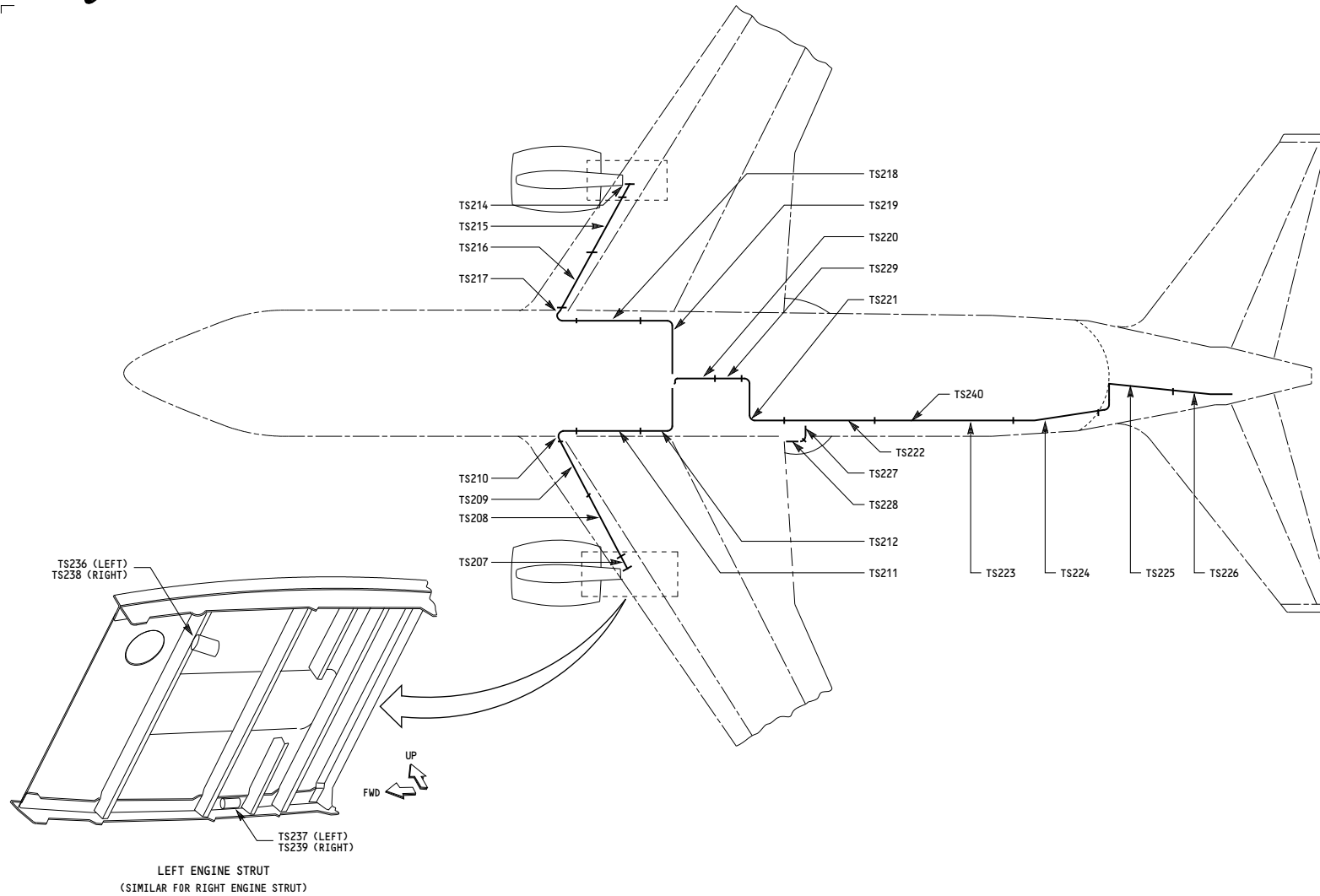


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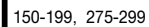
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**DUCT LEAK DETECTION**

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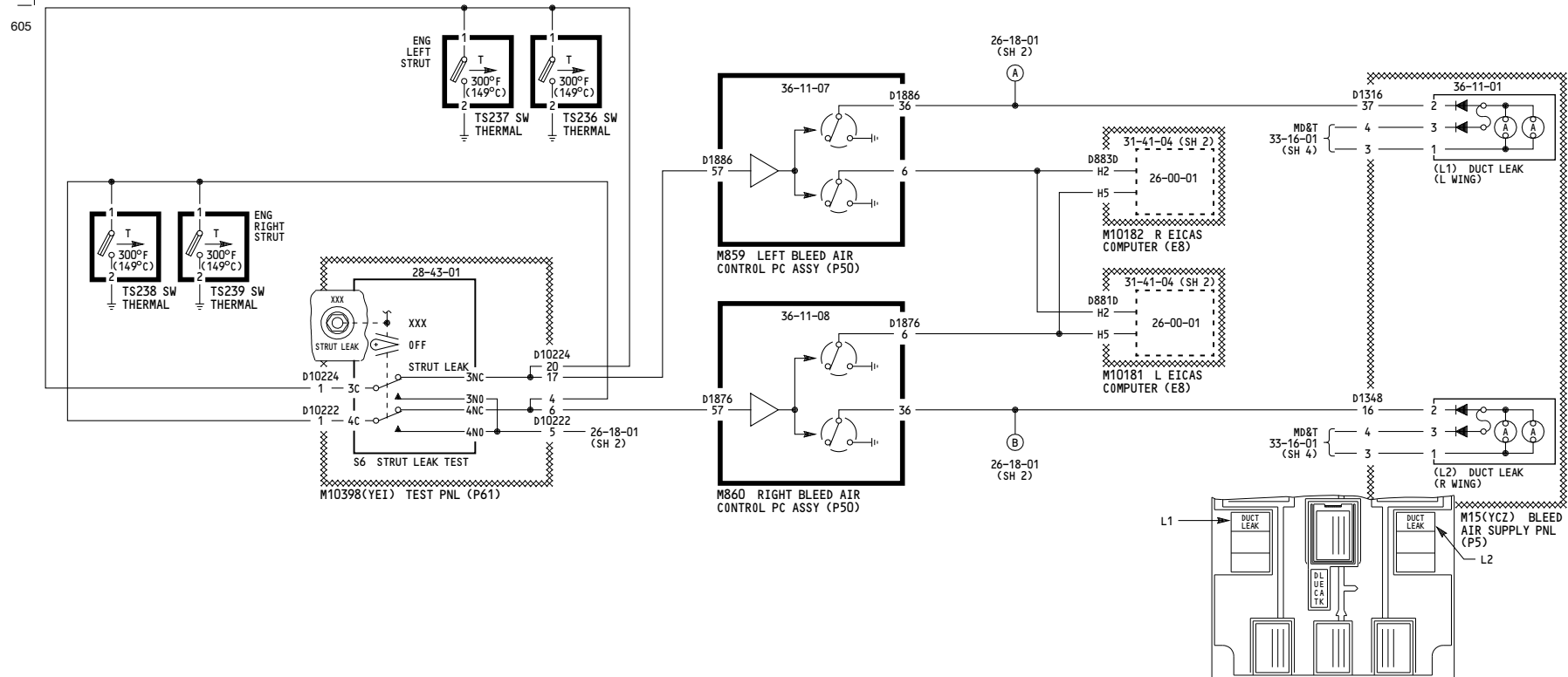


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WIRING DIAGRAMS
26-18-11
26-18-21
26-18-31

**26-18-01**





WIRING DIAGRAMS  
26-18-12  
26-18-22

## 26-18-01

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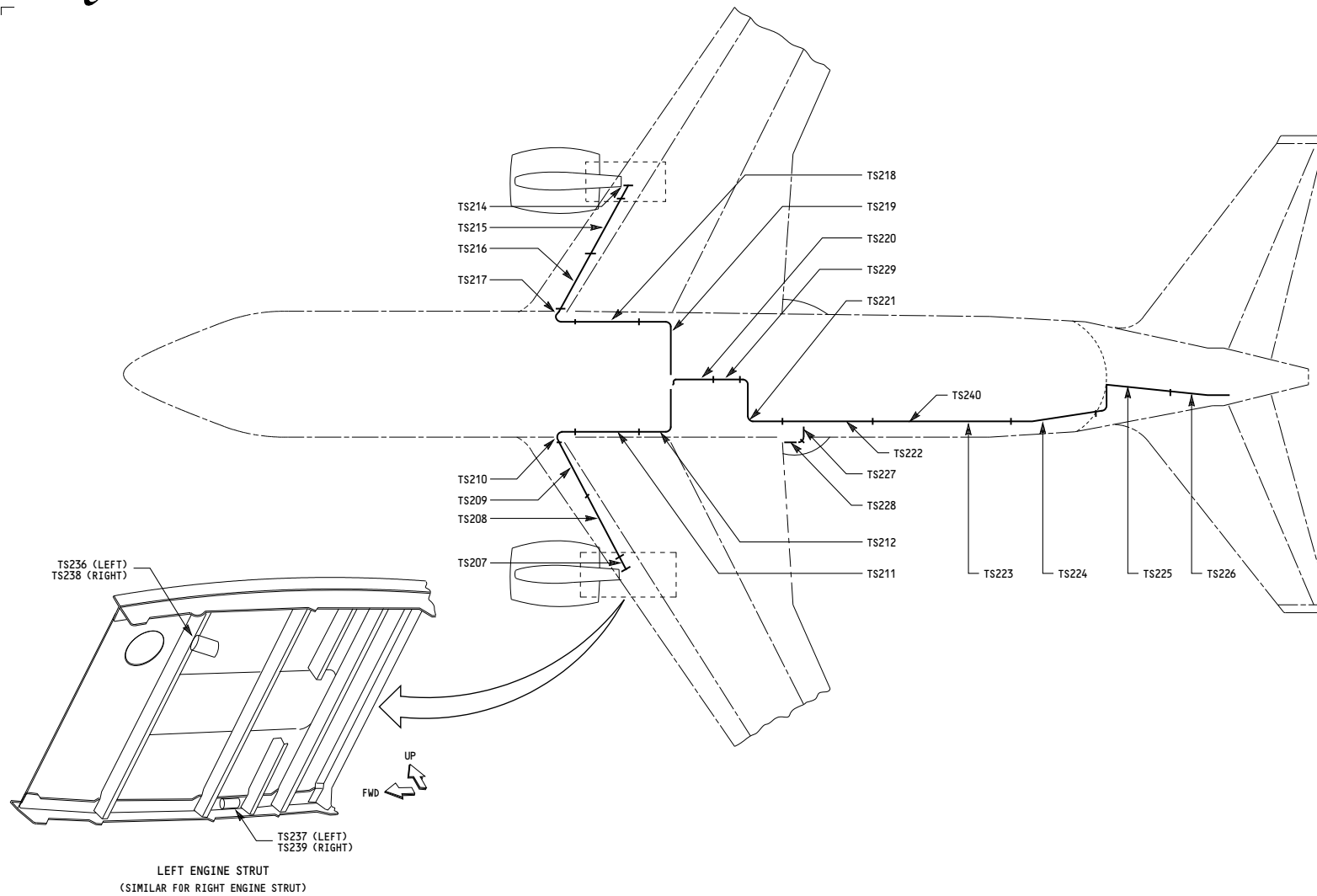
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### DUCT LEAK DETECTION

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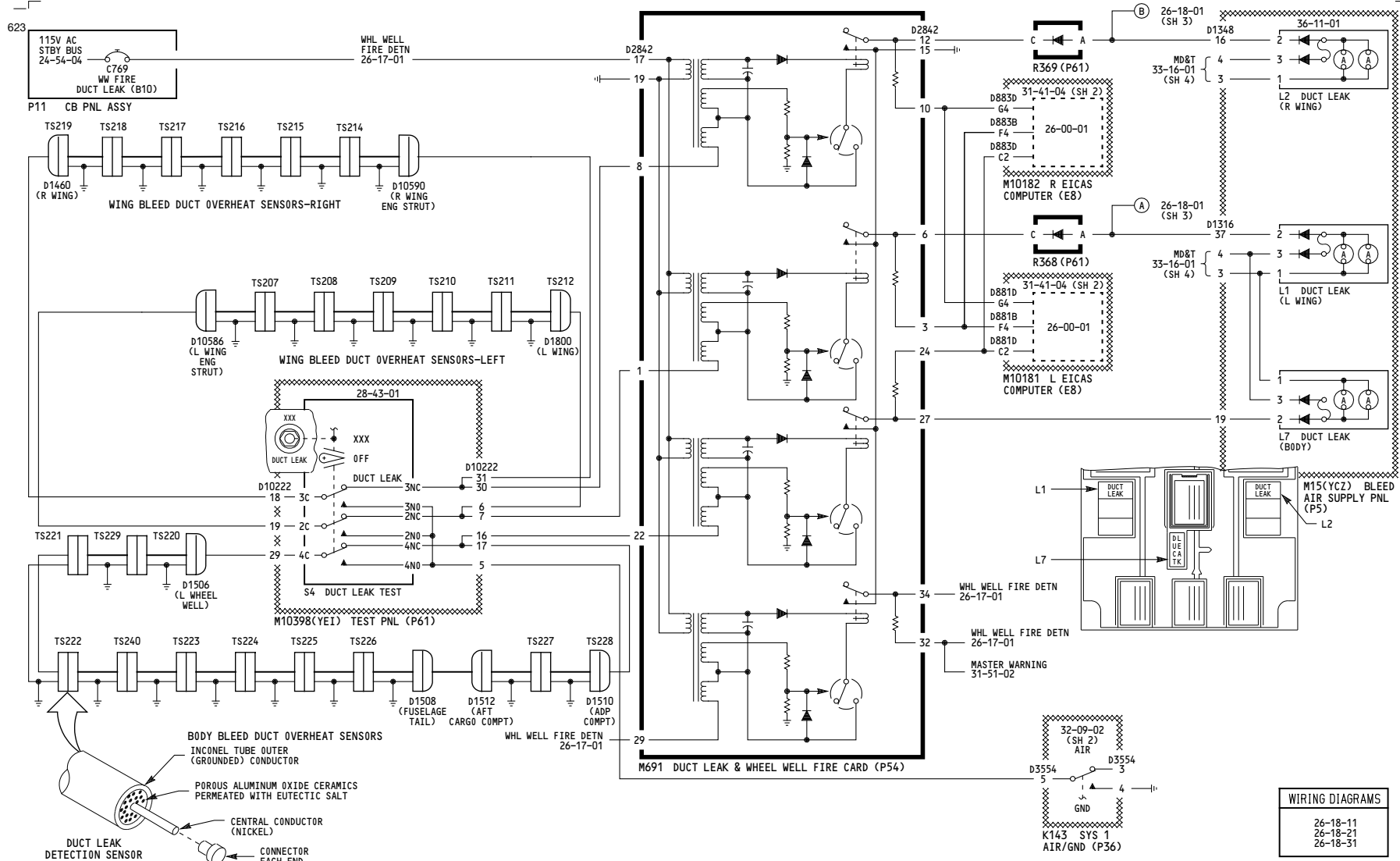
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150-280	<b>DUCT LEAK DETECTION</b>
	D280T232

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WIRING DIAGRAMS
26-18-11
26-18-21
26-18-31

150-280

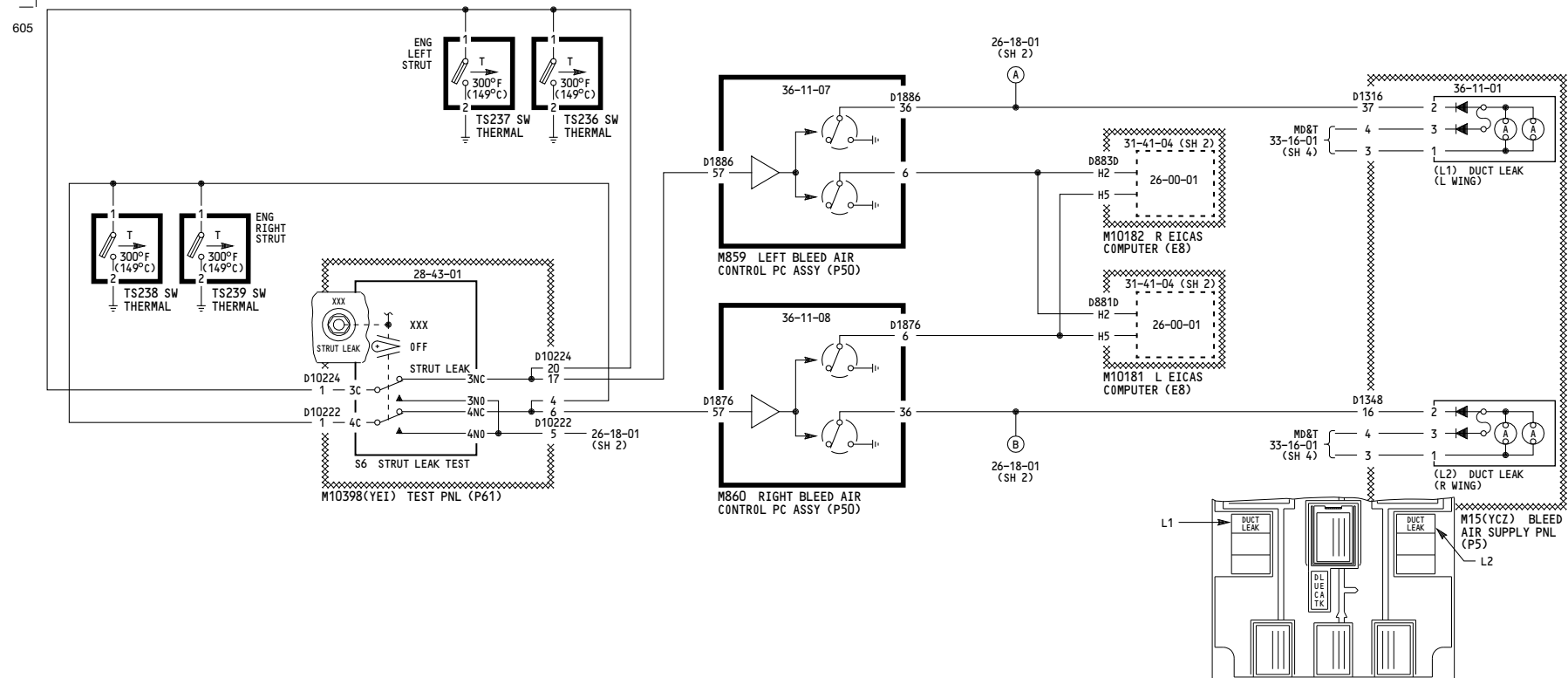
**DUCT LEAK DETECTION**

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26-0079

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**26-18-01**

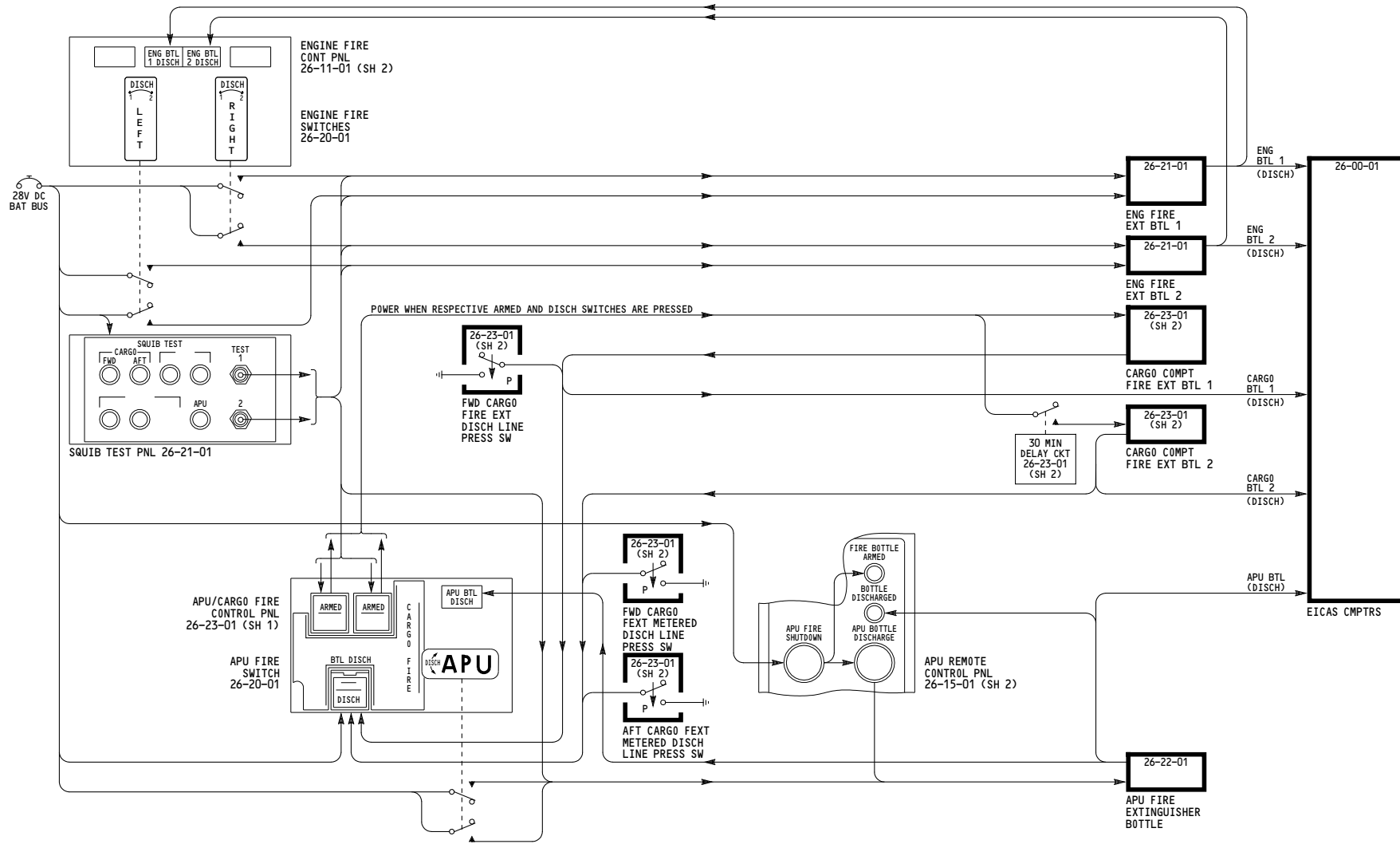
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## DUCT LEAK DETECTION

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**FIRE EXTINGUISHING-SIMPLIFIED**

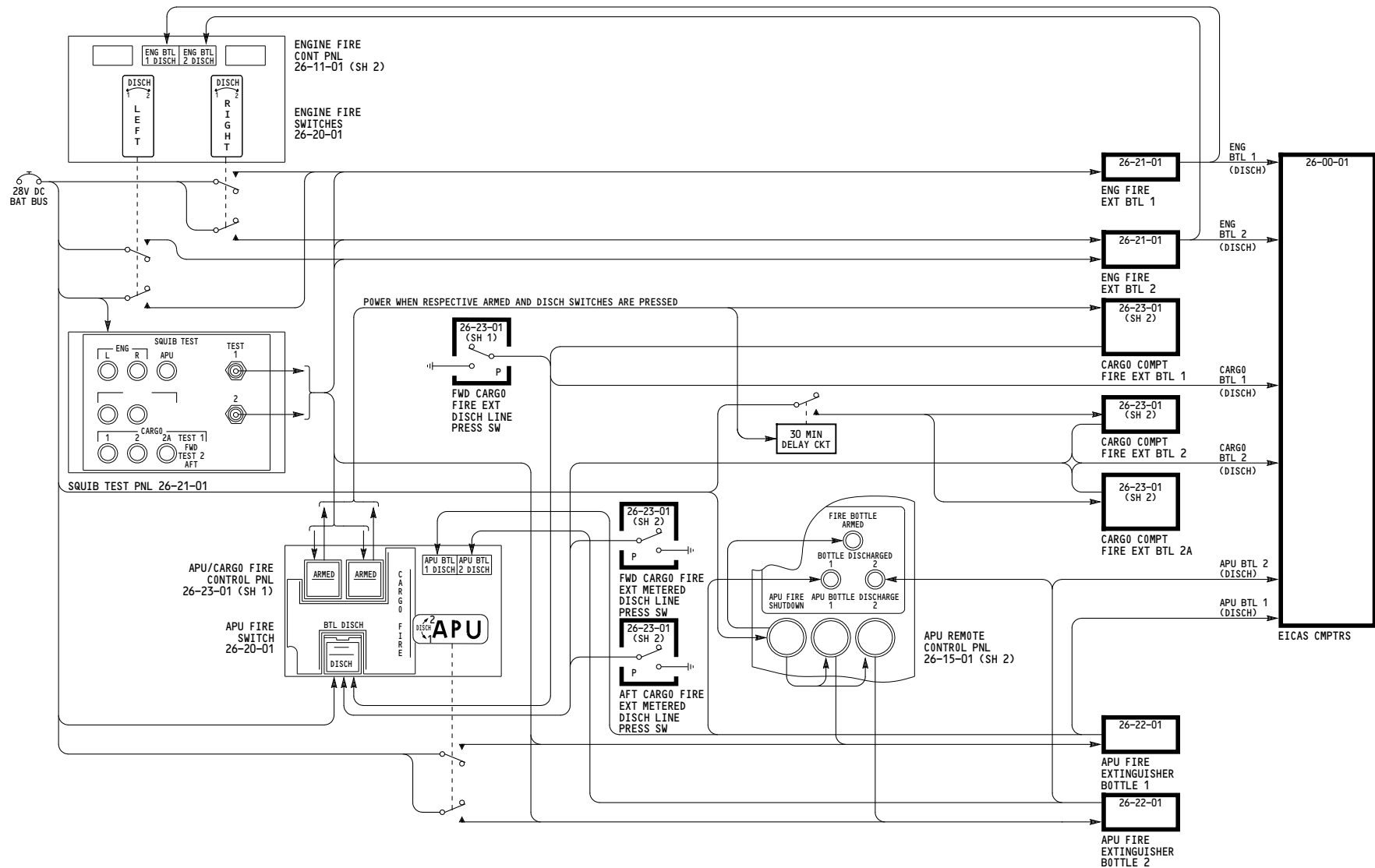
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**26-20-00**

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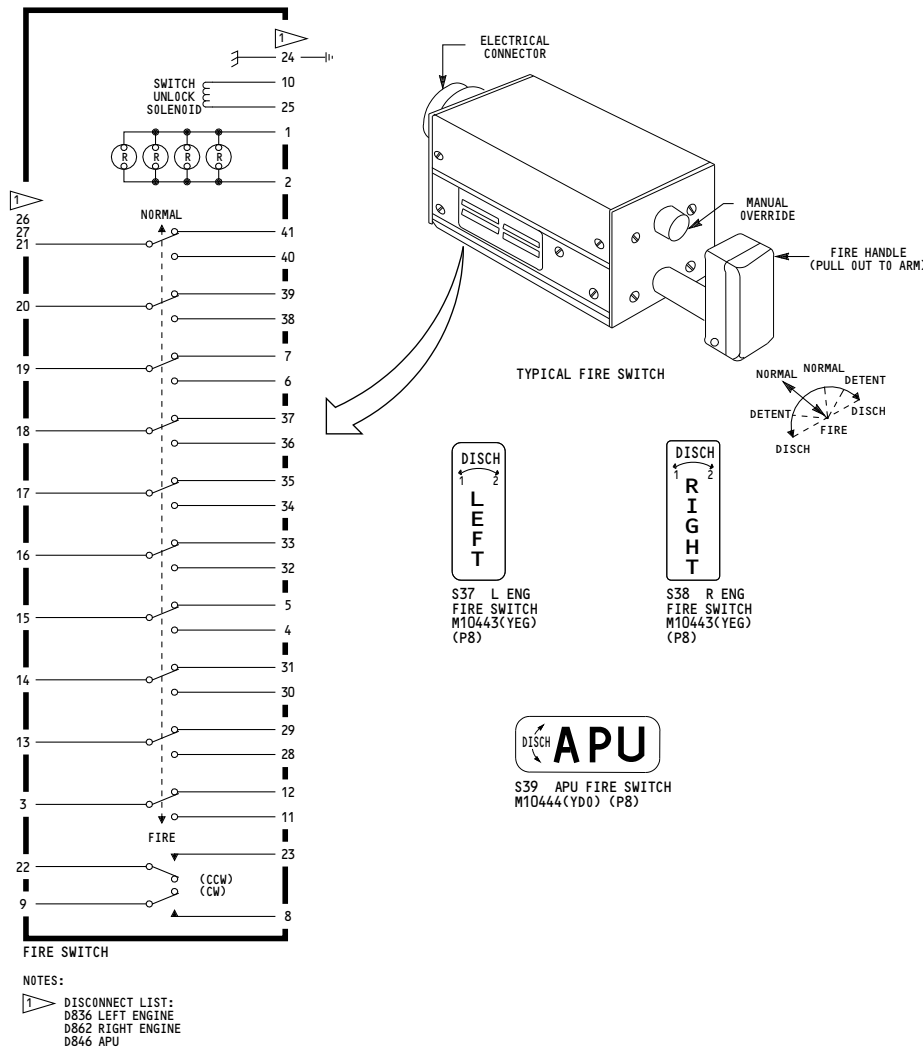
## FIRE EXTINGUISHING- SIMPLIFIED

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26-20-00

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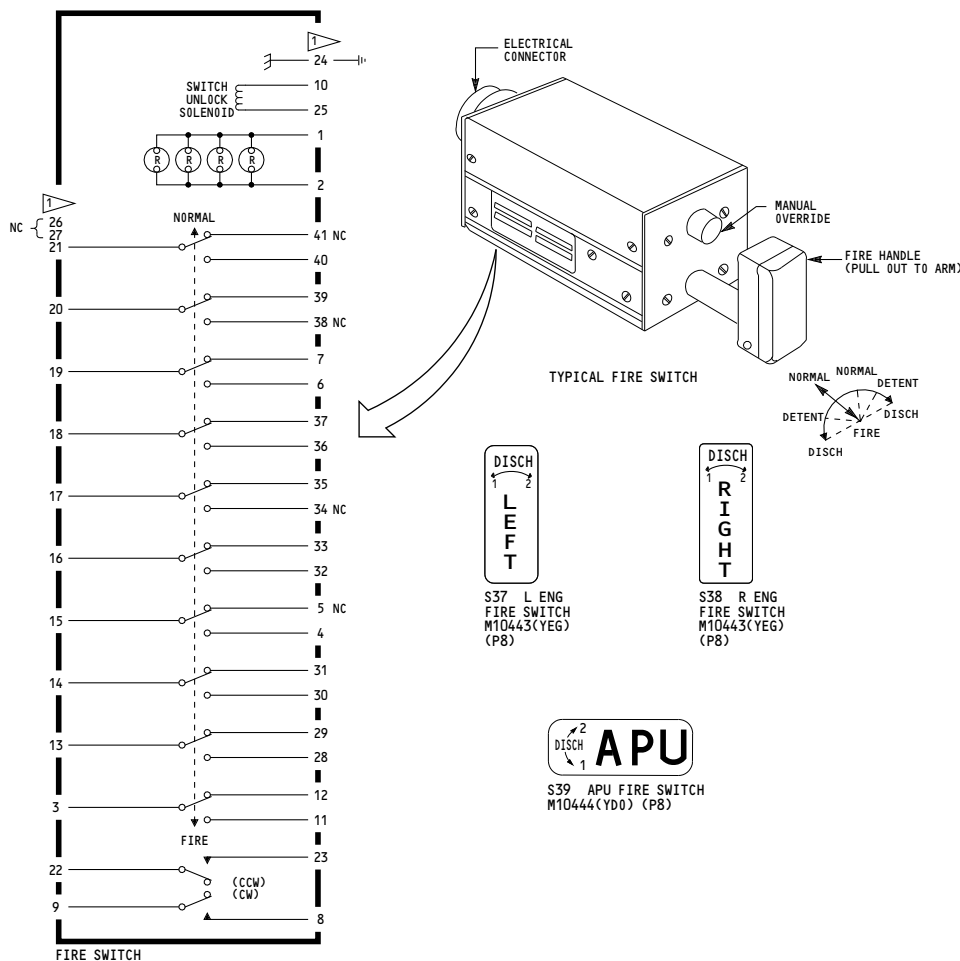
ENGINE FIRE SWITCH

SCHEMATIC	SH	SYSTEM	PINS	FUNCTION WHEN PULLED
24-20-01 (L)	1	GENERATOR	21	TRIPS ENG GENERATOR FIELD RELAY AND GENERATOR CIRCUIT BREAKER
24-20-02 (R)	1	GENERATOR	40	TRIPS ENG GENERATOR FIELD RELAY AND GENERATOR CIRCUIT BREAKER
26-11-01 (L)	2	ENG FIRE DETECTION	10, 25	UNLOCKS FIRE SWITCH SOLENOID AND ILLUMINATES FIRE SWITCH HANDLE WHEN ENG FIRE IS DETECTED
26-11-02 (R)	2	ENG FIRE DETECTION	1, 2	UNLOCKS FIRE SWITCH SOLENOID AND ILLUMINATES FIRE SWITCH HANDLE WHEN ENG FIRE IS DETECTED
26-21-01		ENGINE FIRE EXTINGUISHING	8, 9, 22, 23	DISCHARGES FIRE EXTINGUISH AGENT WHEN FIRE SW IS PULLED AND THEN ROTATED
28-22-01	4	ENGINE FUEL SHUTOFF VALVE	16, 33, 32	CLOSES REAR SPAR FUEL SHUTOFF VALVES (L OR R)
31-51-07		EICAS & WARNING	15	RESETS FIRE BELL AND DISPLAYS MESSAGE FOR ENGINE SHUTDOWN ON EICAS
29-00-02 (L)	1	HYDRAULIC POWER	18, 37	CLOSES ENG HYDRAULIC PUMP SUPPLY SHUTOFF VALVE
29-00-03 (R)	1	HYDRAULIC POWER	36	CLOSES ENG HYDRAULIC PUMP SUPPLY SHUTOFF VALVE
36-11-05 (L)		PNEUMATICS	17	CLOSES PRESSURE REGULATION AND SHUT-OFF VALVE (PRSOV)
36-11-06 (R)		PNEUMATICS	35	CLOSES PRESSURE REGULATION AND SHUT-OFF VALVE (PRSOV)
76-11-01	3	FUEL CONDITION CONTROL	19, 6, 7	SHUTS OFF ENGINE FUEL CONDITIONING ACTUATORS
78-34-01		ENGINE T/R CONTROL	20	CUTS POWER TO T/R ISO-VLV
			39	

APU FIRE SWITCH

SCHEMATIC	SH	SYSTEM	PINS	FUNCTION WHEN PULLED
24-20-03		GENERATOR	21	TRIPS APU GENERATOR FIELD RELAY AND GENERATOR CIRCUIT BREAKER
		GENERATOR	40	TRIPS APU GENERATOR FIELD RELAY AND GENERATOR CIRCUIT BREAKER
26-15-01	1	APU FIRE DETECTION	20	SHUTS OFF APU FIRE HORN AND REMOTE FIRE LT ON P40 WHEN PLANE IS ON THE GROUND
		APU FIRE DETECTION	39	SHUTS OFF APU FIRE HORN AND REMOTE FIRE LT ON P40 WHEN PLANE IS ON THE GROUND
		APU FIRE DETECTION	10, 25	UNLOCKS FIRE SWITCH SOLENOID ILLUMINATES FIRE HANDLE WHEN APU FIRE IS DETECTED
		APU FIRE DETECTION	1, 2	UNLOCKS FIRE SWITCH SOLENOID ILLUMINATES FIRE HANDLE WHEN APU FIRE IS DETECTED
26-22-01		APU FIRE EXTINGUISHING	8, 9	DISCHARGES FIRE EXTINGUISH AGENT WHEN FIRE SW IS PULLED AND THEN ROTATED
		APU FIRE EXTINGUISHING	22, 23	DISCHARGES FIRE EXTINGUISH AGENT WHEN FIRE SW IS PULLED AND THEN ROTATED
28-25-01		APU FUEL	16, 33	CLOSES APU FUEL SHUTOFF VALVE
		APU FUEL	32	CLOSES APU FUEL SHUTOFF VALVE
31-51-07		EICAS AND WARNING	15	RESETS FIRE BELL AND DISPLAYS MESSAGE FOR APU SHUTDOWN ON EICAS
		EICAS AND WARNING	4	RESETS FIRE BELL AND DISPLAYS MESSAGE FOR APU SHUTDOWN ON EICAS
36-11-04	1	PNEUMATICS	17	CLOSES APU AIR SUPPLY APU SHUTOFF VALVE
		PNEUMATICS	35	CLOSES APU AIR SUPPLY APU SHUTOFF VALVE
49-00-04	1	APU IGNITION & STARTING	6, 7	SHUTS DOWN APU
		APU IGNITION & STARTING	19	SHUTS DOWN APU





**NOTES:**

DISCONNECT LIST:  
D836 LEFT ENGINE  
D862 RIGHT ENGINE  
D846 APU

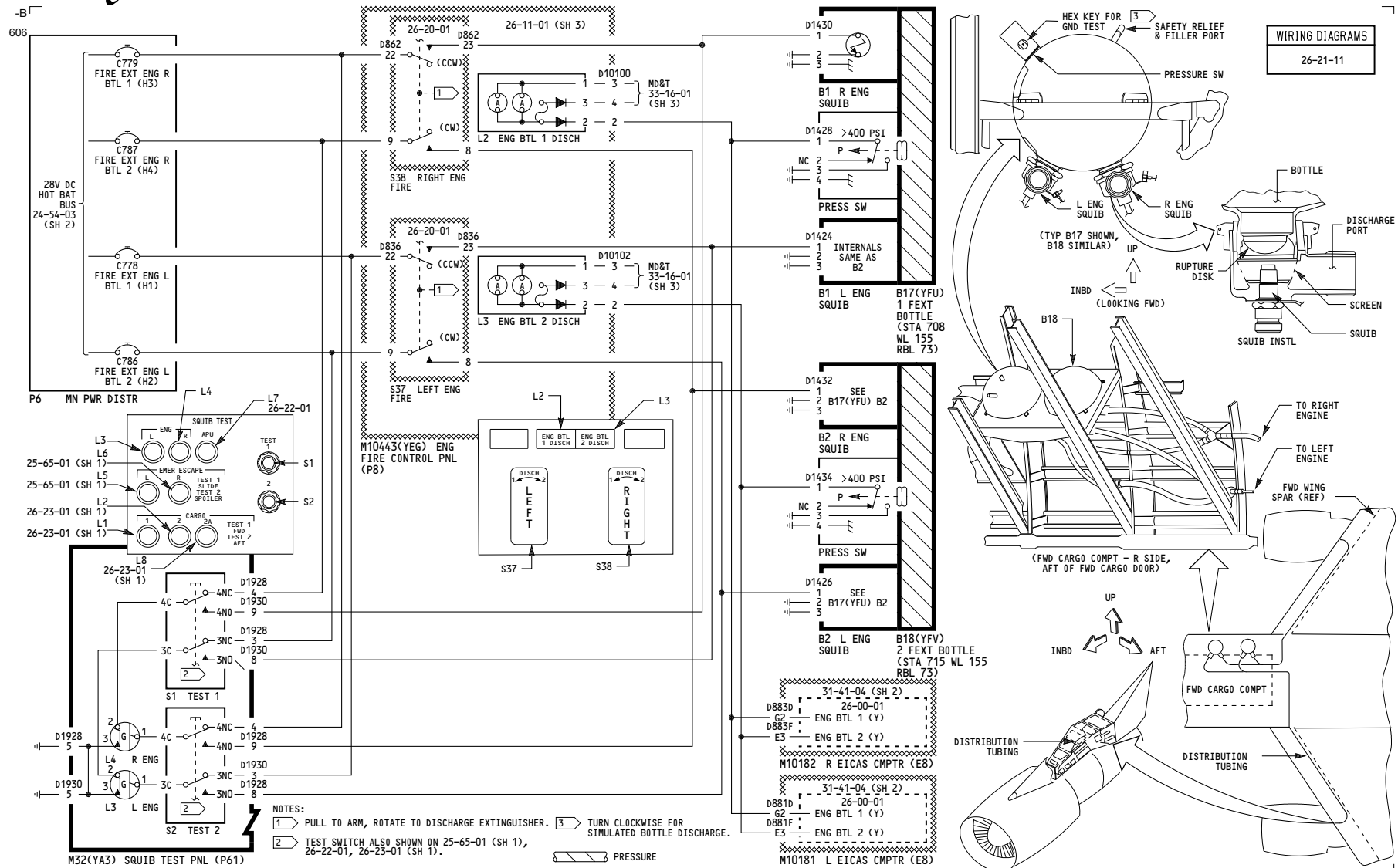
280-299	<b>FIRE SWITCHES-ENGINE AUXILIARY POWER UNIT</b>
	D280T232

**ENGINE FIRE SWITCH**

SCHEMATIC	SH	SYSTEM	PINS	FUNCTION WHEN PULLED
24-20-01 (L)	1	GENERATOR	21	TRIPS ENG GENERATOR FIELD RELAY AND GENERATOR CIRCUIT BREAKER
24-20-02 (R)	1	GENERATOR	40	
26-11-01 (L)	2	ENG FIRE DETECTION	10, 25	UNLOCKS FIRE SWITCH SOLENOID AND ILLUMINATES FIRE SWITCH HANDLE WHEN ENG FIRE IS DETECTED
26-11-02 (R)			1, 2	
26-21-01		ENGINE FIRE EXTINGUISHING	8, 9, 22, 23	DISCHARGES FIRE EXTINGUISH AGENT WHEN FIRE SW IS PULLED AND THEN ROTATED
28-22-01	4	ENGINE FUEL SHUTOFF VALVE	16, 33, 32	CLOSES REAR SPAR FUEL SHUTOFF VALVES (L OR R)
31-51-07	4	EICAS & WARNING	15	RESETS FIRE BELL AND DISPLAYS MESSAGE FOR ENGINE SHUTDOWN ON EICAS
76-11-01			4	
29-00-02 (L)	1	HYDRAULIC POWER	18, 37	CLOSES ENG HYDRAULIC PUMP SUPPLY SHUTOFF VALVE
29-00-03 (R)	1		36	
36-11-05 (L)		PNEUMATICS	17	CLOSES PRESSURE REGULATION AND SHUTOFF VALVE (PRSOV)
36-11-06 (R)			35	
76-11-01	3	FUEL CONDITION CONTROL	19, 6, 7	SHUTS OFF ENGINE FUEL CONDITIONING ACTUATORS
78-34-01		ENGINE T/R CONTROL	20, 3, 11, 12, 38, 39	CUTS POWER TO T/R ISO-VLV

**APU FIRE SWITCH**

SCHEMATIC	SH	SYSTEM	PINS	FUNCTION WHEN PULLED
24-20-03	1	GENERATOR	21, 40	TRIPS APU GENERATOR FIELD RELAY AND GENERATOR CIRCUIT BREAKER
26-15-01	1	APU FIRE DETECTION	20, 39, 10, 25, 1, 2	SHUTS OFF APU FIRE HORN AND REMOTE FIRE LT. ON P40 WHEN PLANE IS ON THE GROUND UNLOCKS FIRE SWITCH SOLENOID ILLUMINATES FIRE HANDLE WHEN APU FIRE IS DETECTED
26-22-01		APU FIRE EXTINGUISHING	8, 9, 22, 23	DISCHARGES FIRE EXTINGUISH AGENT WHEN FIRE SW IS PULLED AND THEN ROTATED
28-25-01		APU FUEL	16, 33, 32	CLOSES APU FUEL SHUTOFF VALVE
31-51-07		EICAS AND WARNING	15	RESETS FIRE BELL AND DISPLAYS MESSAGE FOR APU SHUTDOWN ON EICAS
36-11-04	1	PNEUMATICS	17, 35	CLOSES APU AIR SUPPLY SHUTOFF VALVE
49-00-04	1	APU IGNITION & STARTING	6, 7, 19	SHUTS DOWN APU



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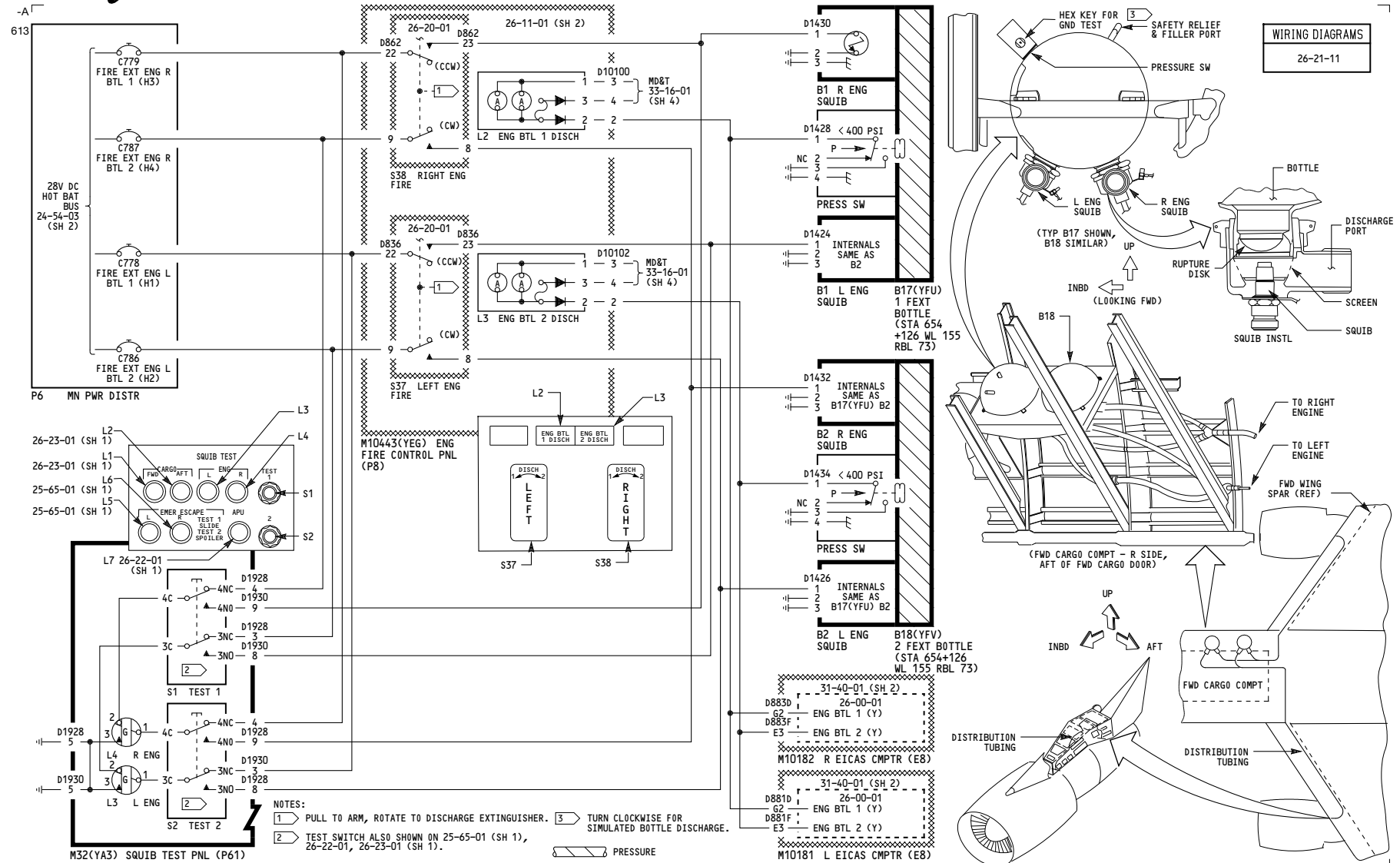
## FIRE EXTINGUISHING-ENGINE

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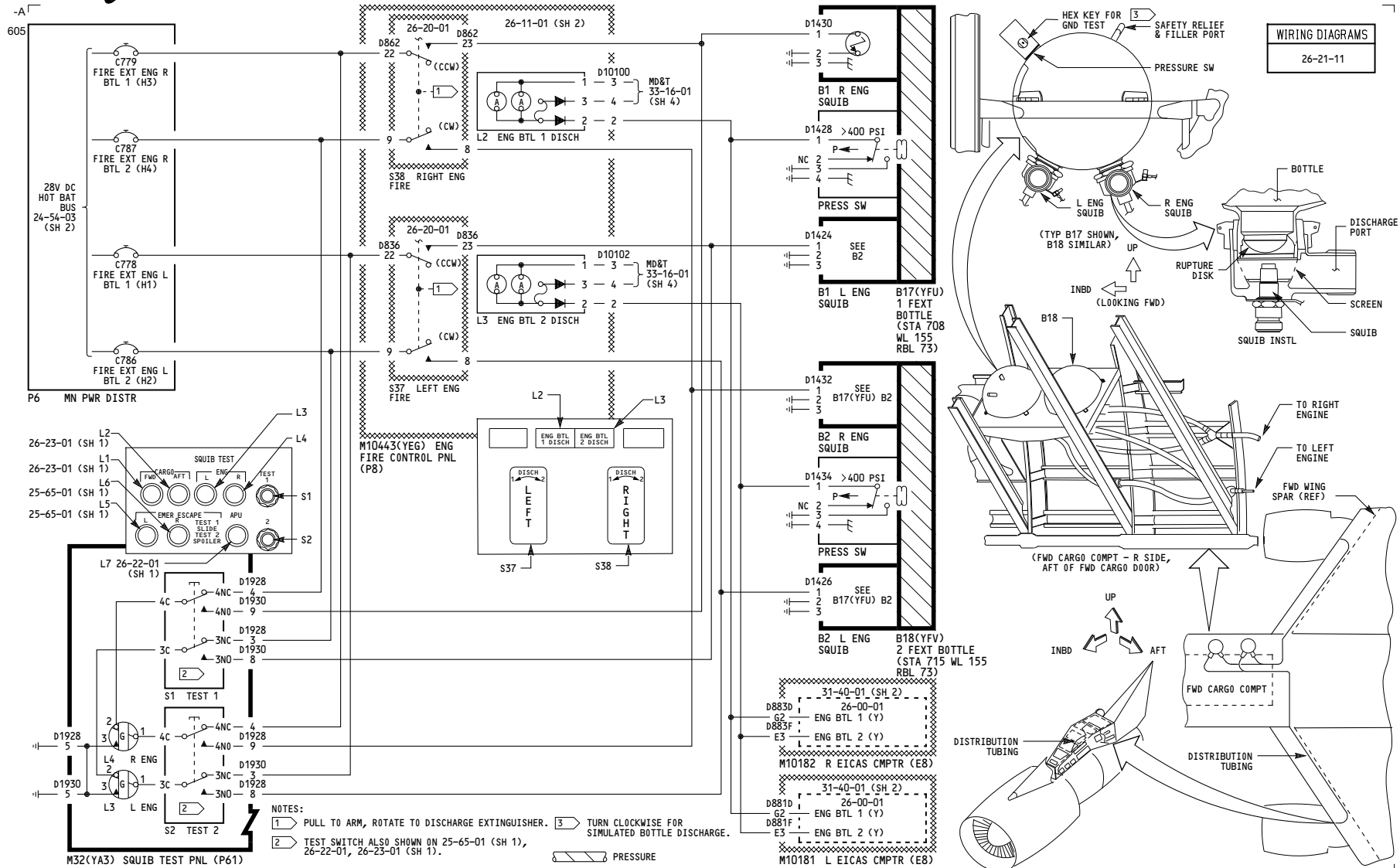
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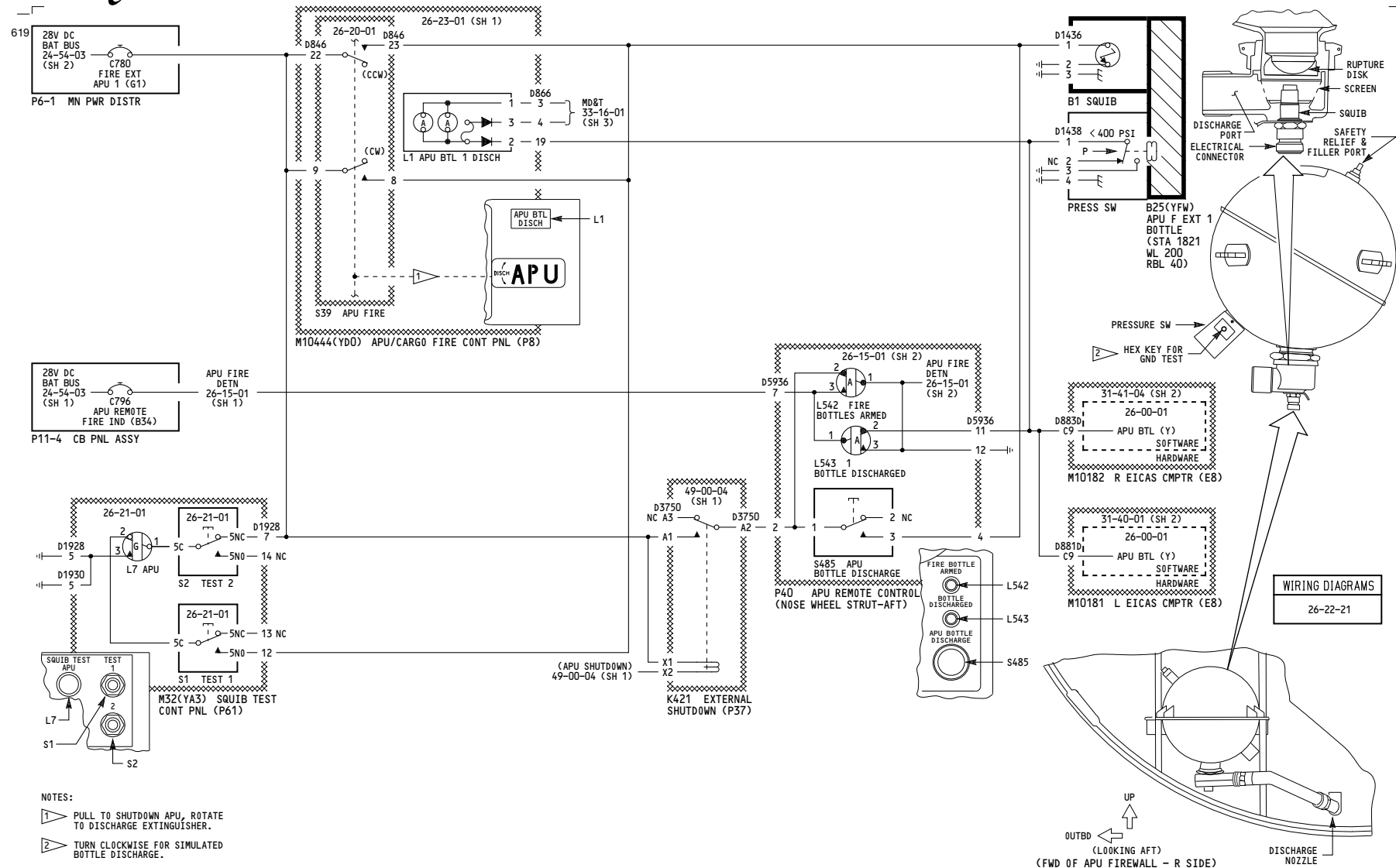
**FIRE EXTINGUISHING-  
ENGINE**

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## FIRE EXTINGUISHING-AUXILIARY POWER UNIT

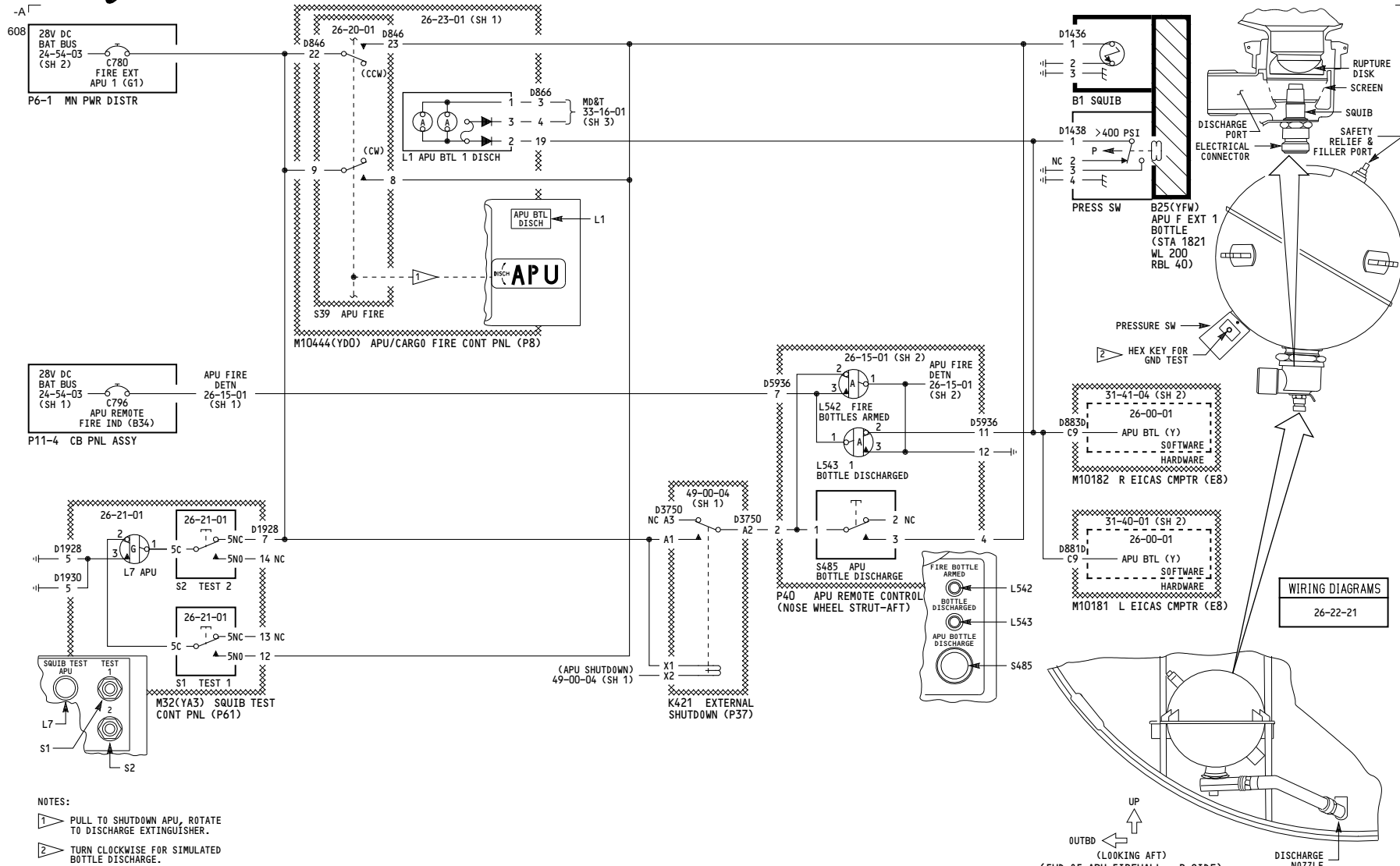
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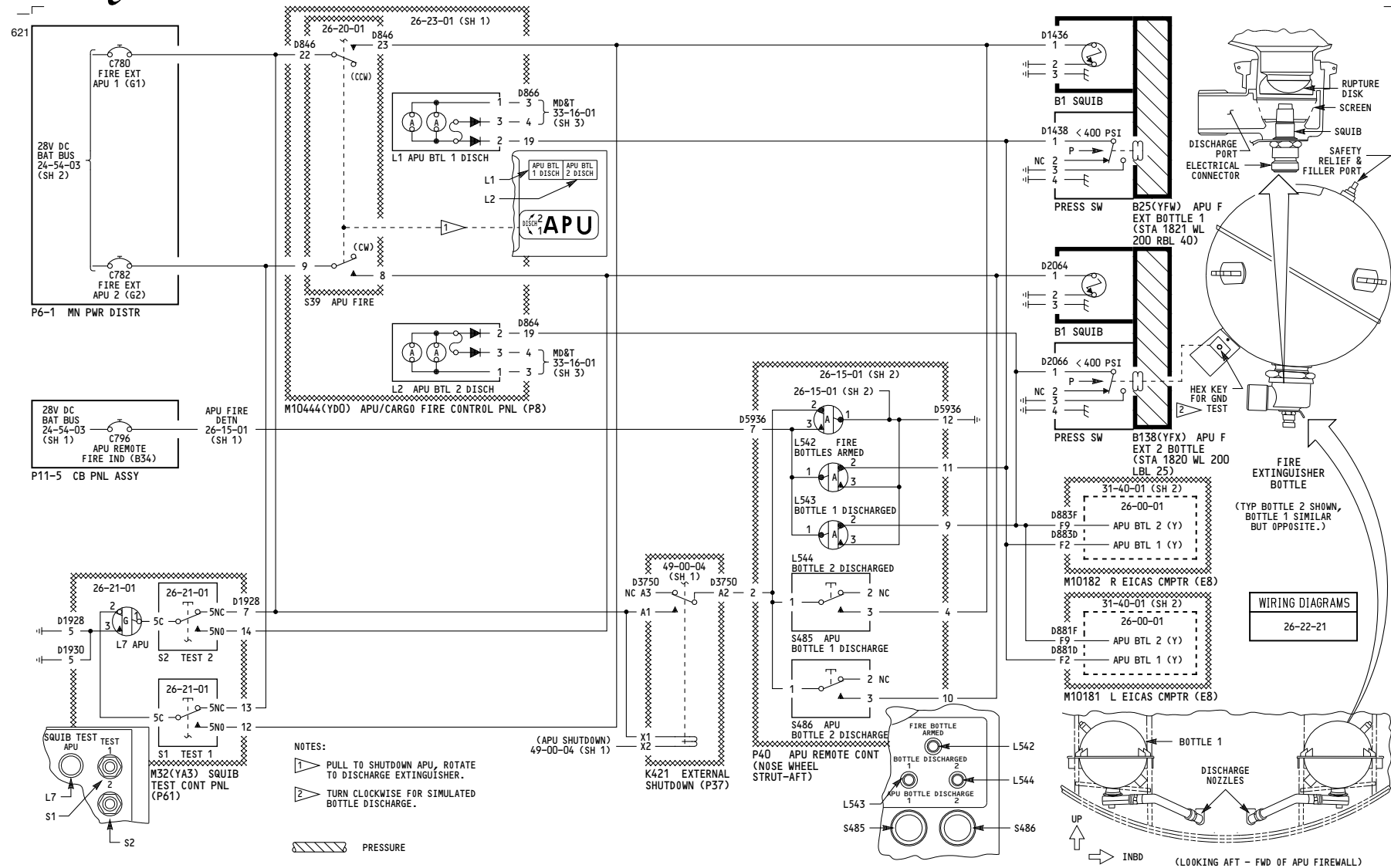
**FIRE EXTINGUISHING-AUXILIARY POWER UNIT**

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**FIRE EXTINGUISHING-  
AUXILIARY POWER UNIT**

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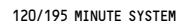
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M10444(YD0) APU/CARGO FIRE CONTROL PNL (P8)

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**FIRE EXTINGUISHER-  
LOWER CARGO COMPARTMENT**

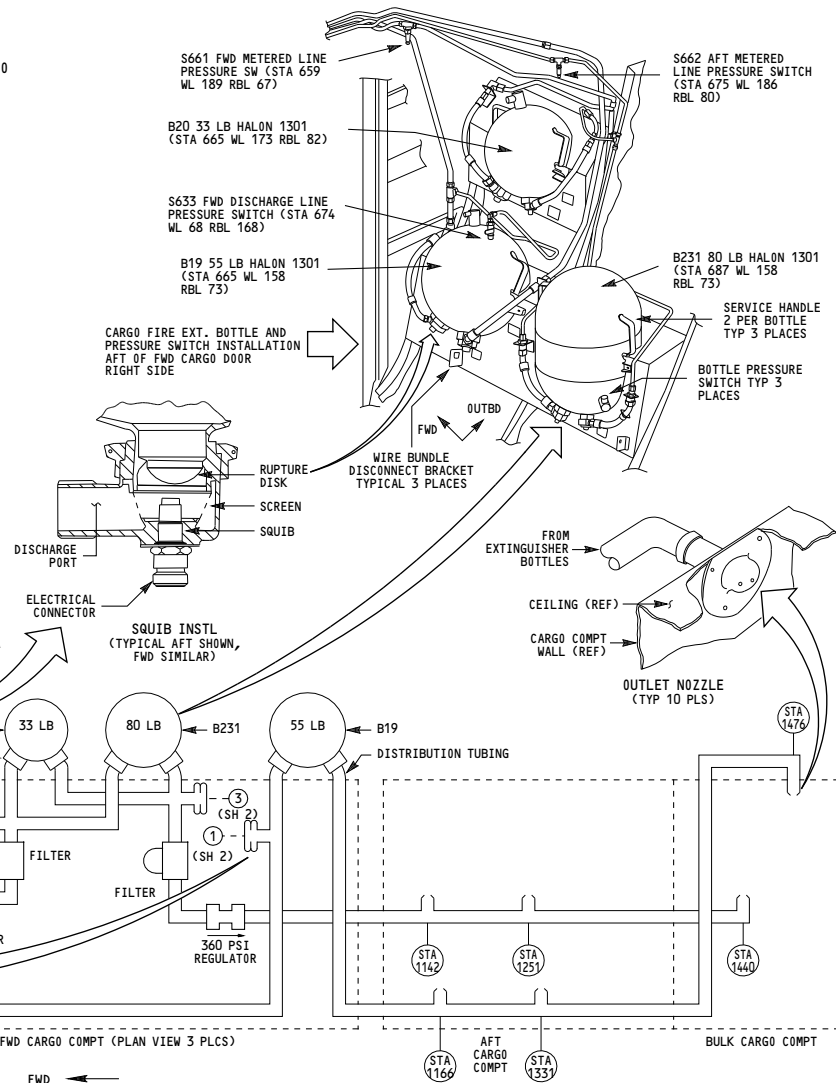
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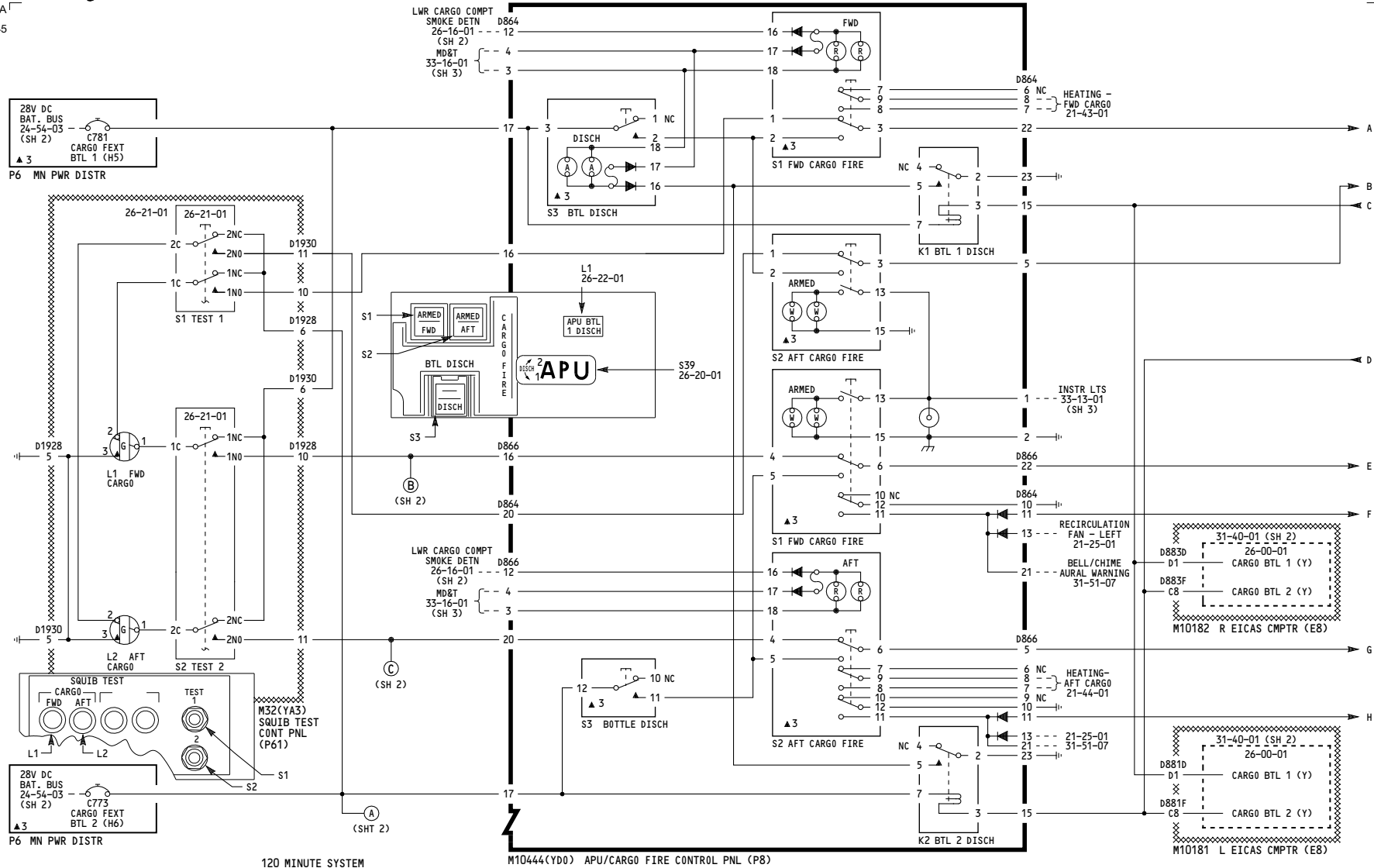
 PRESSURE

**FIRE EXTINGUISHER-  
LOWER CARGO COMPARTMENT**

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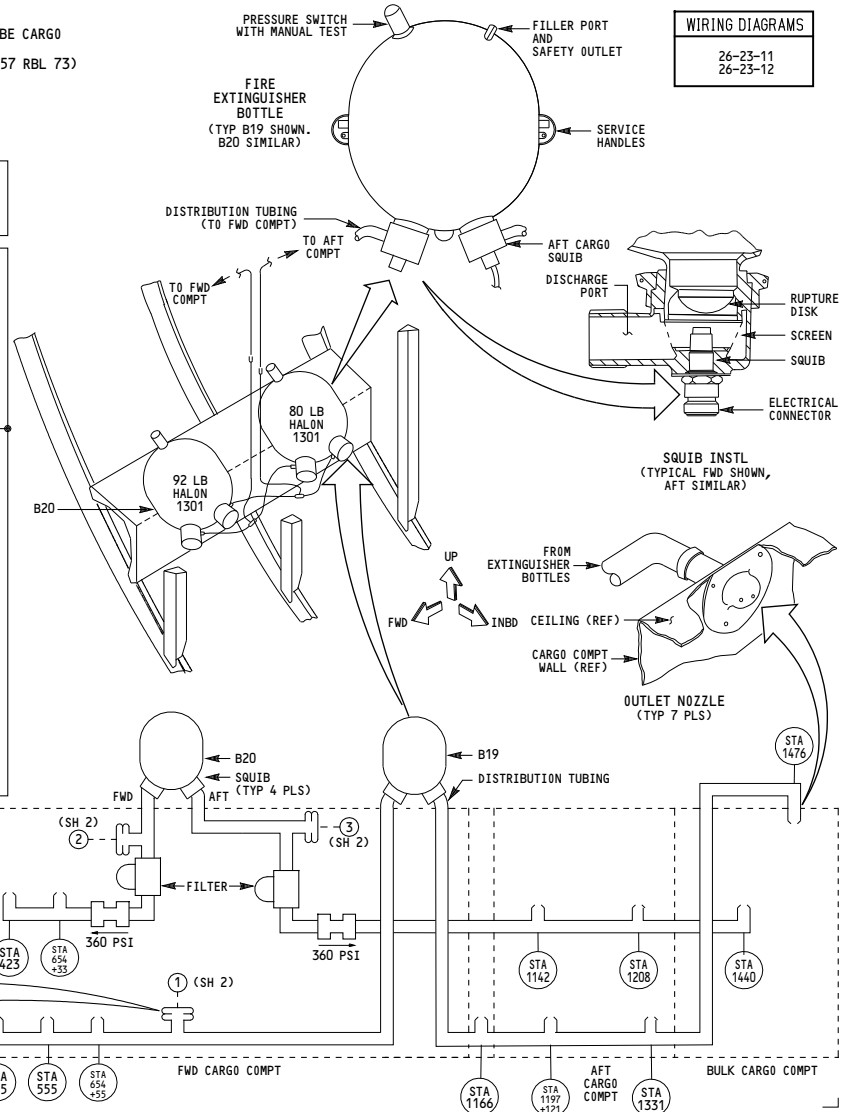
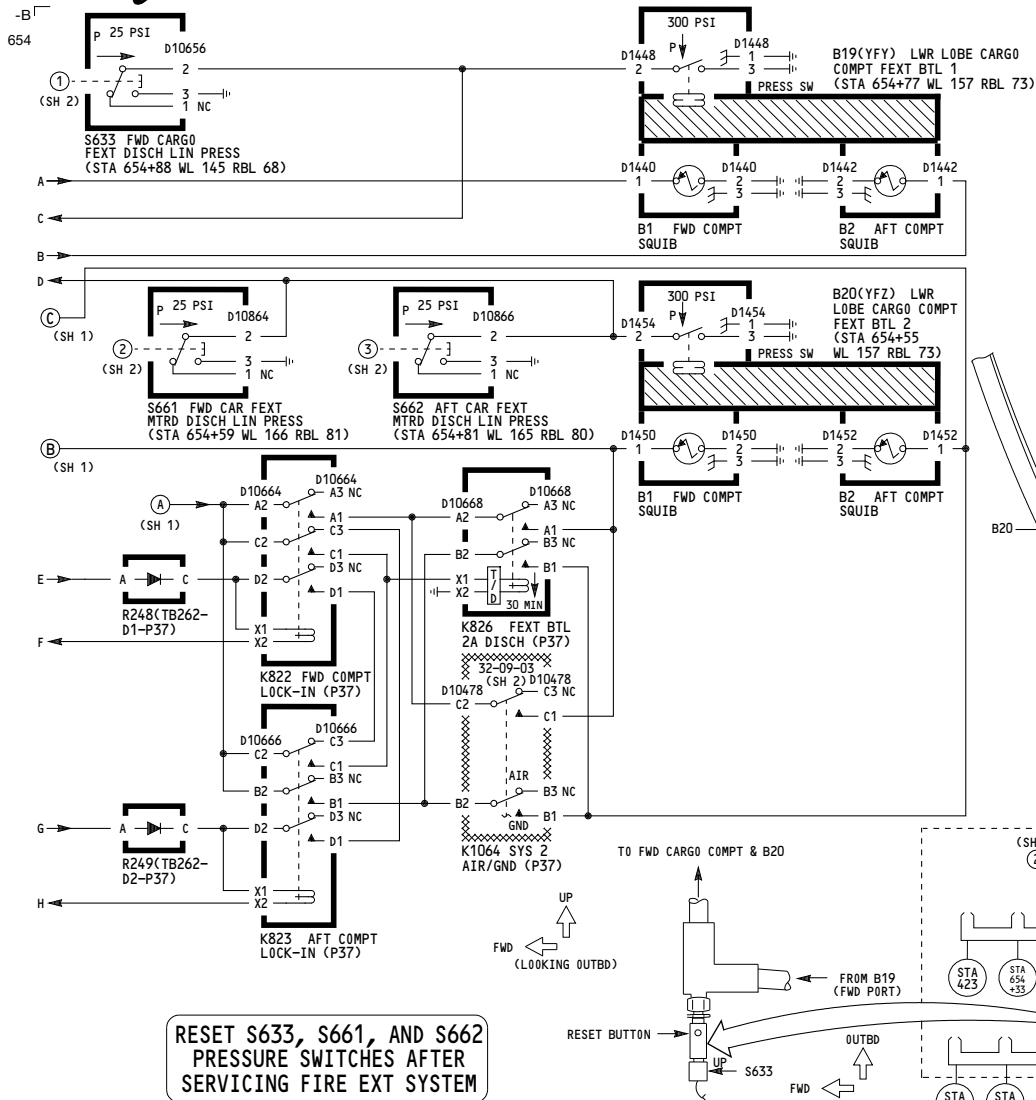
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## FIRE EXTINGUISHER- LOWER CARGO COMPARTMENT

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## FIRE EXTINGUISHER-LOWER CARGO COMPARTMENT

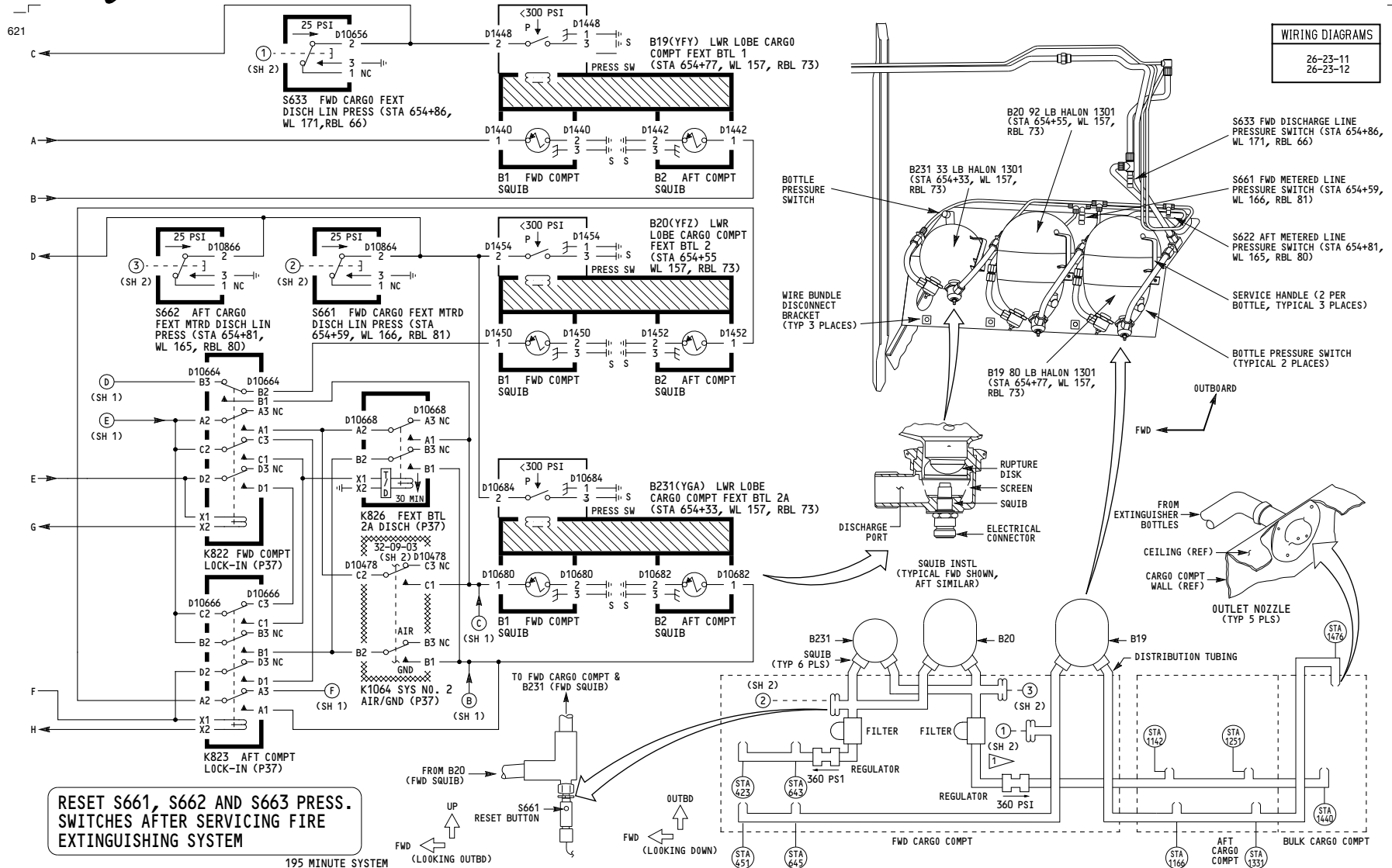
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**FIRE EXTINGUISHER-  
LOWER CARGO COMPARTMENT**

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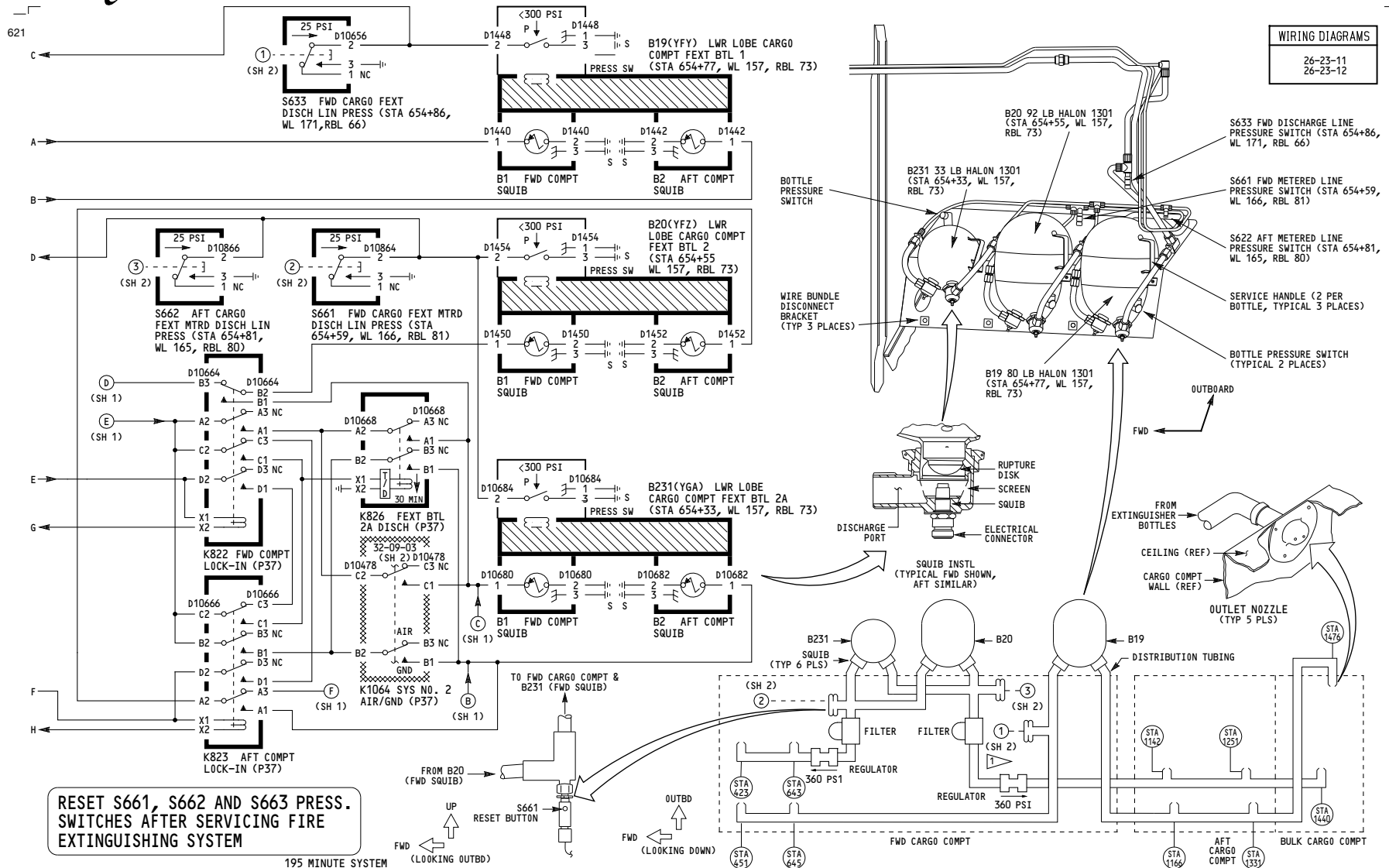
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**FIRE EXTINGUISHER-  
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