

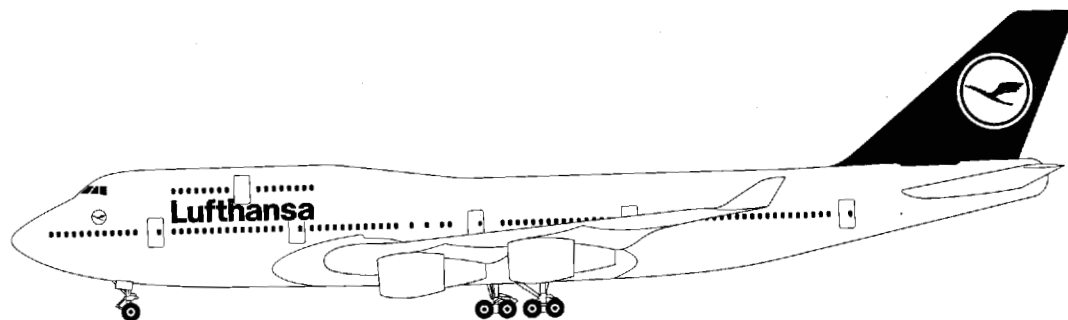
Training Manual

B747-430

ATA 52, 25, 35, 38

Practical Training
Handbook

Part 1



WF-B1/B2/B12-E/M

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Lufthansa

TECHNISCHE SCHULUNG



Lufthansa Technical Training

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ATA 52 DOORS

52-1 1 MAIN ENTRY DOORS

COMPONENT INDEX AND LOCATION



FGM B1 LOCATIONS

Main Entry Doors

- Components
- Emergency Power Reservoir
- Auto / Manual Position Indication

Flight Deck Door Lock Solenoid Switch

Upper Deck Door

- Components
- Indication
- Electrical Operation

Forward / Aft Lower Cargo Door

- Components
- Indication
- Electrical Operation

Side Cargo Door

- Components
- Indication
- Electrical Operation

Fuselage Drain Ports

FZE B1 LOCATIONS

Main Entry Doors Auto / Manual Position Indication System

Flight Deck Door Lock Solenoid Switch

Upper Deck Door

- Indication
- Electrical Operation
- Warning Switch
- Flight Lock Actuator Switch

Forward / Aft Lower Cargo Door

- Indication
- Electrical Operation
- Warning Switch
- Closed Switch
- Latched Switch

Side Cargo Door

- Indication
- Electrical Operation
- Warning Switch
- Closed Switch
- Latched Switch

Door Warning System

MAIN ENTRY DOORS

COMPONENT	FIG. 102 SHT	QTY	ACCESS/AREA	REFERENCE
ACTUATOR - DOOR NO. 1L EMERGENCY POWER	7	1	211AL	52-11-05
ACTUATOR - DOOR NO. 1R EMERGENCY POWER	7	1	212AR	52-11-05
ACTUATOR - DOOR NO. 2L EMERGENCY POWER	7	1	231AL	52-11-05
ACTUATOR - DOOR NO. 2R EMERGENCY POWER	7	1	232AR	52-11-05
ACTUATOR - DOOR NO. 3L EMERGENCY POWER	7	1	241AL	52-11-05
ACTUATOR - DOOR NO. 3R EMERGENCY POWER	7	1	242AR	52-11-05
ACTUATOR - DOOR NO. 4L EMERGENCY POWER	7	1	251AL	52-11-05
ACTUATOR - DOOR NO. 4R EMERGENCY POWER	7	1	251AR	52-11-05
ACTUATOR - DOOR NO. 5L EMERGENCY POWER	8	1	271AL	52-11-05
ACTUATOR - DOOR NO. 5R EMERGENCY POWER	8	1	272AR	52-11-05
ARMS - DOORS NO. 1,2,3, AND 4 GUIDE	2,3	8	BOTTOM OF BODY HINGE TORQUE TUBE	52-11-04
ARMS - DOORS NO. 1,2,3, AND 4 HINGE	2,3	16	TOP AND BOTTOM OF BODY HINGE TORQUE TUBE	52-11-03
ARMS - DOORS NO. 5 GUIDE	4,5	2	TOP OF BODY HINGE TORQUE TUBE	52-11-04
ARMS - DOORS NO. 5 HINGE	4,5	4	TOP AND BOTTOM OF BODY HINGE TORQUE TUBE	52-11-03
ARMS - EMERGENCY POWER ROLLER	10	10	ON EACH UPPER DOOR HINGE ARM	52-11-00
CABLE - MAIN ENTRY DOOR EMERGENCY POWER	7,8	10	MAIN ENTRY DOOR EMERGENCY POWER MECHANISM	52-11-00
CHAIN - EMERGENCY POWER ACTUATOR	2,4	10	MAIN ENTRY DOOR EMERGENCY POWER MECHANISM	52-11-05
DOOR - NO. 1 MAIN ENTRY, L	1	1	831L	52-11-01
DOOR - NO. 1 MAIN ENTRY, R	1	1	841R	52-11-01
DOOR - NO. 2 MAIN ENTRY, L	1	1	832L	52-11-01
DOOR - NO. 2 MAIN ENTRY, R	1	1	842R	52-11-01
DOOR - NO. 3 MAIN ENTRY, L	1	1	833L	52-11-01
DOOR - NO. 3 MAIN ENTRY, R	1	1	843R	52-11-01
DOOR - NO. 4 MAIN ENTRY, L	1	1	834L	52-11-01
DOOR - NO. 4 MAIN ENTRY, R	1	1	844R	52-11-01
DOOR - NO. 5 MAIN ENTRY, L	1	1	835L	52-11-09
DOOR - NO. 5 MAIN ENTRY, R	1	1	845R	52-11-09
HANDLE MECHANISM - MAIN ENTRY DOOR	2,4	10	INSIDE EACH MAIN ENTRY DOOR	52-11-13
HINGE FLAP - NO. 1 MAIN ENTRY DOOR, L	6	2	211AL	52-11-14
HINGE FLAP - NO. 1 MAIN ENTRY DOOR, R	6	2	212AR	52-11-14
HINGE FLAP - NO. 2 MAIN ENTRY DOOR, L	6	2	231AL	52-11-14
HINGE FLAP - NO. 2 MAIN ENTRY DOOR, R	6	2	232AR	52-11-14
HINGE FLAP - NO. 3 MAIN ENTRY DOOR, L	6	2	241AL	52-11-14
HINGE FLAP - NO. 3 MAIN ENTRY DOOR, R	6	2	242AR	52-11-14
HINGE FLAP - NO. 4 MAIN ENTRY DOOR, L	6	2	251AL	52-11-14
HINGE FLAP - NO. 4 MAIN ENTRY DOOR, R	6	2	252AR	52-11-14
HINGE FLAP - NO. 5 MAIN ENTRY DOOR, L	6	2	271AL	52-11-14
HINGE FLAP - NO. 5 MAIN ENTRY DOOR, R	6	2	272AR	52-11-14
LEVER - MODE SELECTOR	11	10	INTERIOR CENTER LINING OF EACH MAIN ENTRY DOOR	52-11-00

Main Entry Doors - Component Index
Figure 101 (Sheet 1)

Figure 1 52-1 1 Main Entry Doors Comp. Index Fig. 101 (Sheet 1)

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COMPONENT	FIG. 102 SHT	QTY	ACCESS/AREA	REFERENCE
LINING - DOOR	1	10	INTERIOR OF EACH MAIN ENTRY DOOR	52-11-02
MECHANISM - DOOR NO. 1L EMERGENCY	9	1	831L	52-11-00
MECHANISM - DOOR NO. 1R EMERGENCY	9	1	841R	52-11-00
MECHANISM - DOOR NO. 2L EMERGENCY	9	1	832L	52-11-00
MECHANISM - DOOR NO. 2R EMERGENCY	9	1	842R	52-11-00
MECHANISM - DOOR NO. 3L EMERGENCY	9	1	833L	52-11-00
MECHANISM - DOOR NO. 3R EMERGENCY	9	1	843R	52-11-00
MECHANISM - DOOR NO. 4L EMERGENCY	9	1	834L	52-11-00
MECHANISM - DOOR NO. 4R EMERGENCY	9	1	844R	52-11-00
MECHANISM - DOOR NO. 5L EMERGENCY	9	1	835L	52-11-00
MECHANISM - DOOR NO. 5R EMERGENCY	9	1	845R	52-11-00
MECHANISM - DOOR NO. 1L EMERGENCY POWER	7	1	211AL	52-11-00
MECHANISM - DOOR NO. 1R EMERGENCY POWER	7	1	212AR	52-11-00
MECHANISM - DOOR NO. 2L EMERGENCY POWER	7	1	231AL	52-11-00
MECHANISM - DOOR NO. 2R EMERGENCY POWER	7	1	232AR	52-11-00
MECHANISM - DOOR NO. 3L EMERGENCY POWER	7	1	241AL	52-11-00
MECHANISM - DOOR NO. 3R EMERGENCY POWER	7	1	242AR	52-11-00
MECHANISM - DOOR NO. 4L EMERGENCY POWER	7	1	251AL	52-11-00
MECHANISM - DOOR NO. 4R EMERGENCY POWER	7	1	252AR	52-11-00
MECHANISM - DOOR NO. 5L EMERGENCY POWER	8	1	271AL	52-11-00
MECHANISM - DOOR NO. 5R EMERGENCY POWER	8	1	272AR	52-11-00
MECHANISM - GIRT BAR LIFTER	9	20	TWO AT THE BOTTOM OF EACH MAIN ENTRY DOOR	52-11-00
RESERVOIR - DOORS NO. 1,2, AND 4 EMERGENCY POWER	7	6	ABOVE AND FORWARD OF EACH MAIN ENTRY DOOR	52-11-06
RESERVOIR - DOORS NO. 3 AND 5 EMERGENCY POWER	7,8	4	BELOW AND FORWARD OF EACH MAIN ENTRY DOOR	52-11-06
SPRING CARTRIDGE - DOORS NO. 1,2,3 AND 4 EMERGENCY POWER	7	6	MAIN ENTRY DOOR EMERGENCY POWER MECHANISM	52-11-00
SPRING CARTRIDGE - DOORS NO. 5	8	2	MAIN ENTRY DOOR EMERGENCY POWER MECHANISM	52-11-00
SNUBBER - DOORS NO. 1,2,3, AND 4	2	8	MAIN ENTRY DOOR BODY HINGE TORQUE TUBE	52-11-10
SNUBBER - DOORS NO. 5	4	2	MAIN ENTRY DOOR BODY HINGE TORQUE	52-11-17

Main Entry Doors - Component Index
Figure 101 (Sheet 2)

Figure 2 52-1 1 Main Entry Doors Comp. Index Fig. 101 (Sheet 2)

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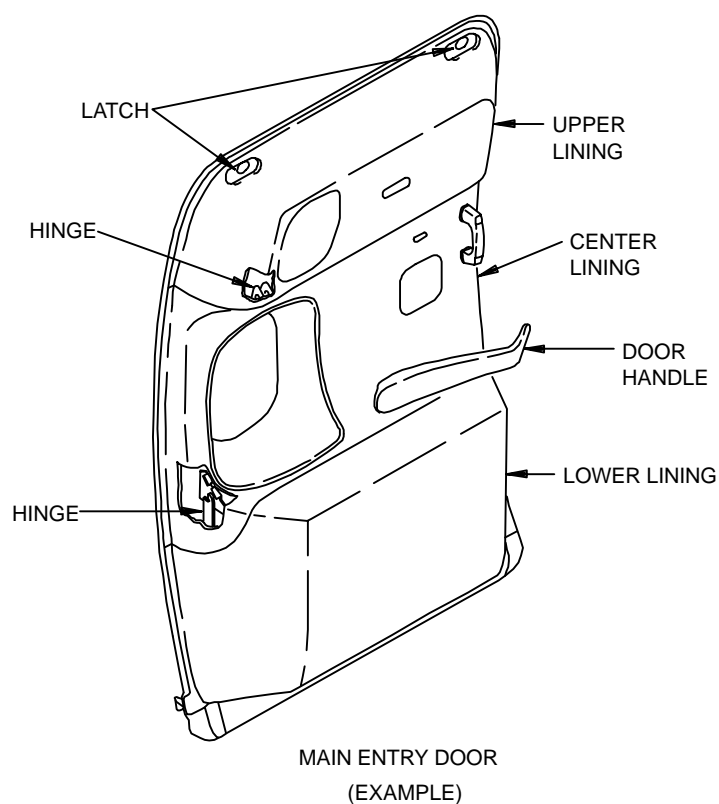
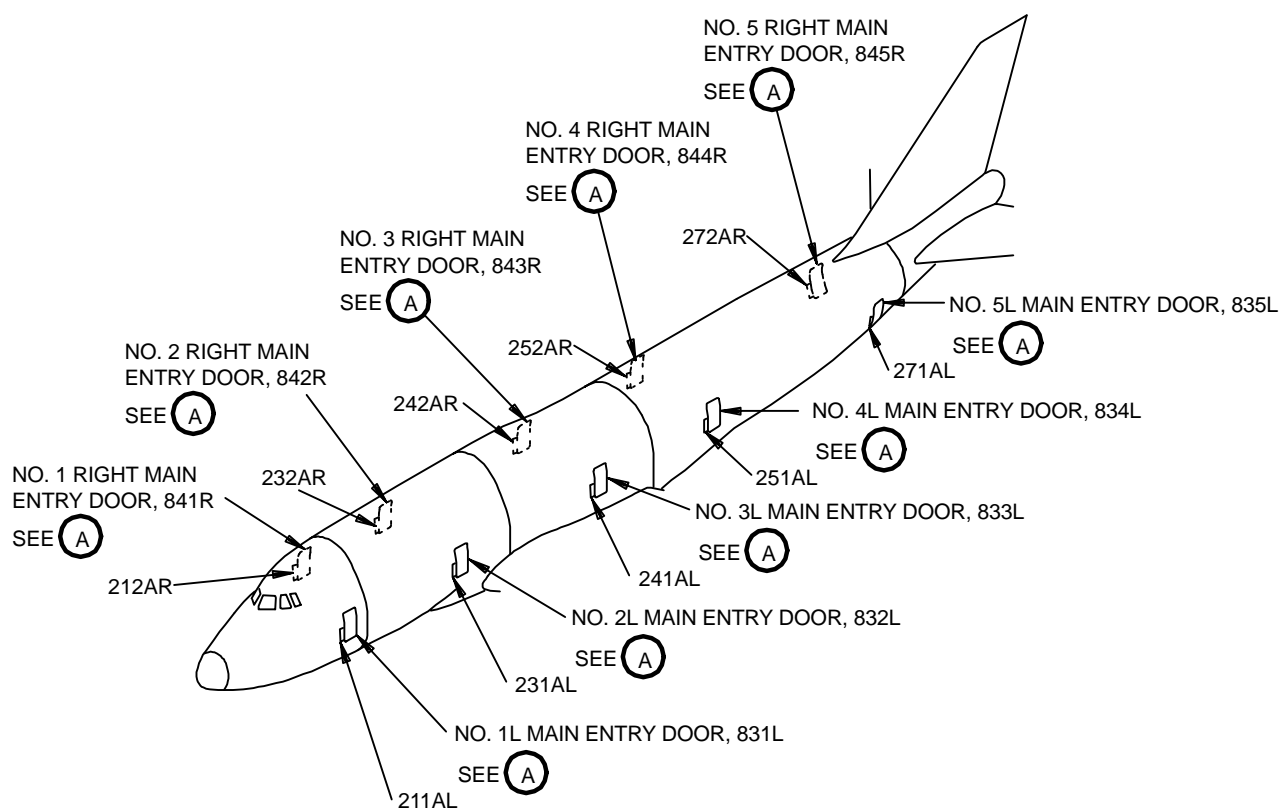
COMPONENT	FIG. 102 SHT	QTY	ACCESS/AREA	REFERENCE
TORQUE TUBE - DOOR NO. 1L BODY HINGE	2	1	211AL	52-11-11
TORQUE TUBE - DOOR NO. 1R BODY HINGE	2	1	212AR	52-11-11
TORQUE TUBE - DOOR NO. 2L BODY HINGE	2	1	231AL	52-11-11
TORQUE TUBE - DOOR NO. 2R BODY HINGE	2	1	232AR	52-11-11
TORQUE TUBE - DOOR NO. 3L BODY HINGE	2	1	241AL	52-11-11
TORQUE TUBE - DOOR NO. 3R BODY HINGE	2	1	242AR	52-11-11
TORQUE TUBE - DOOR NO. 4L BODY HINGE	2	1	251AL	52-11-11
TORQUE TUBE - DOOR NO. 4R BODY HINGE	2	1	252AR	52-11-11
TORQUE TUBE - DOOR NO. 5L BODY HINGE	4	1	271AL	52-11-11
TORQUE TUBE - DOOR NO. 5R BODY HINGE	4	1	271AR	52-11-11
TORQUE TUBE - DOOR NO. 1L DOOR HINGE	2	1	831L	52-11-12
TORQUE TUBE - DOOR NO. 1R DOOR HINGE	2	1	841R	52-11-12
TORQUE TUBE - DOOR NO. 2L DOOR HINGE	2	1	832L	52-11-12
TORQUE TUBE - DOOR NO. 2R DOOR HINGE	2	1	842R	52-11-12
TORQUE TUBE - DOOR NO. 3L DOOR HINGE	2	1	833L	52-11-12
TORQUE TUBE - DOOR NO. 3R DOOR HINGE	2	1	843R	52-11-12
TORQUE TUBE - DOOR NO. 4L DOOR HINGE	2	1	834L	52-11-12
TORQUE TUBE - DOOR NO. 4R DOOR HINGE	2	1	844R	52-11-12
TORQUE TUBE - DOOR NO. 5L DOOR HINGE	4	1	835L	52-11-12
TORQUE TUBE - DOOR NO. 5R DOOR HINGE	4	1	845R	52-11-12
TORQUE TUBE - MAIN ENTRY DOOR LATCH	2,4	20	AT TOP AND BOTTOM OF EACH MAIN ENTRY DOOR	52-11-19
TRIGGER - DOORS NO. 1,2,3, AND 4 EMERGENCY POWER MECHANISM	10	8	UPPER HINGE ARM ASSEMBLY	52-11-08
TRIGGER - DOORS NO. 5 EMERGENCY POWER SYSTEM	10	2	LOWER HINGE ARM ASSEMBLY	52-11-08

Main Entry Doors - Component Index
Figure 101 (Sheet 3)

Figure 3 52-1 1 Main Entry Doors Comp. Index Fig. 101 (Sheet 3)

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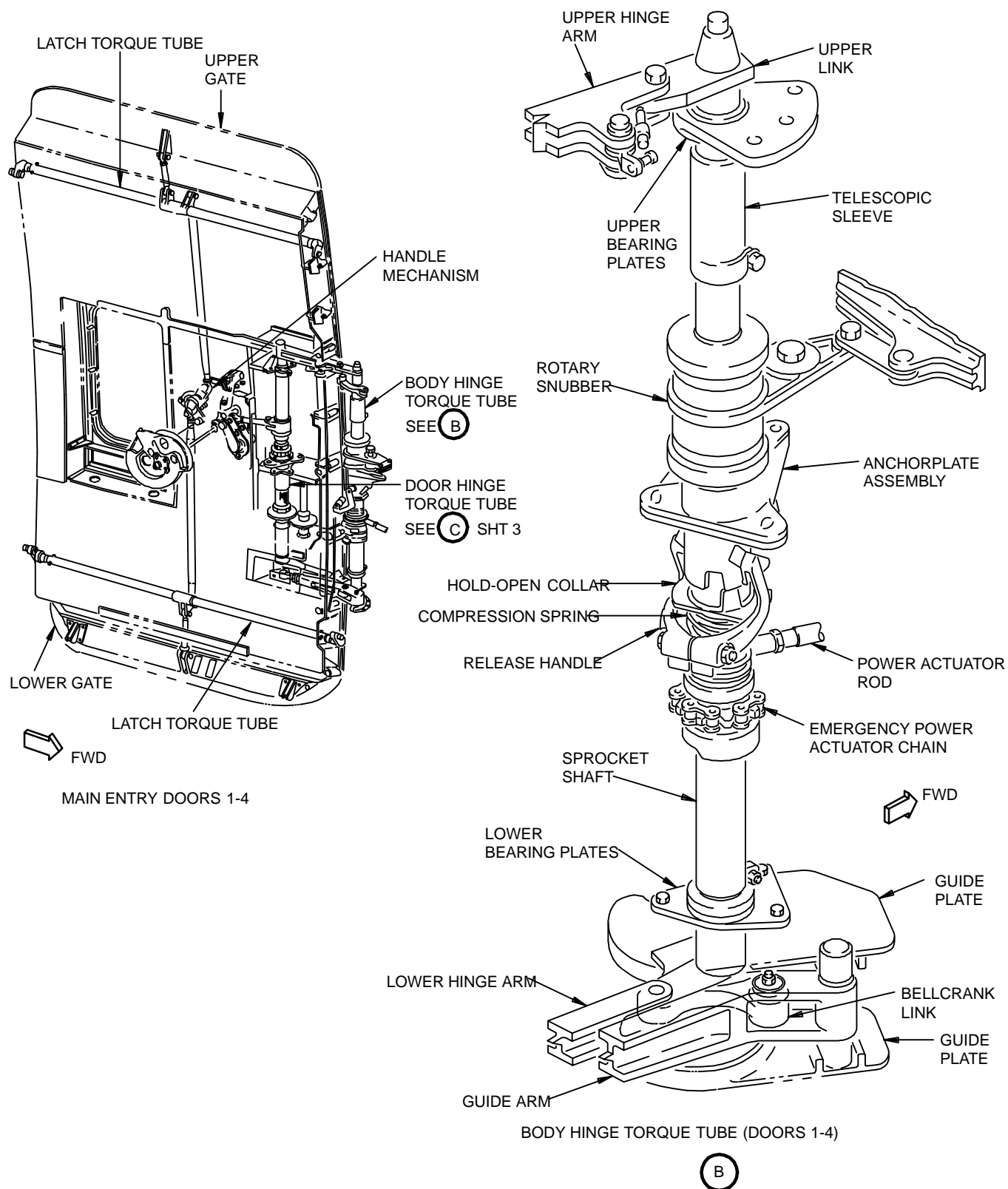
(A)

Main Entry Doors - Component Location
Figure 102 (Sheet 1)

Figure 4 52-1 1 Main Entry Doors Comp. Location Fig. 102 (Sheet 1)

579706



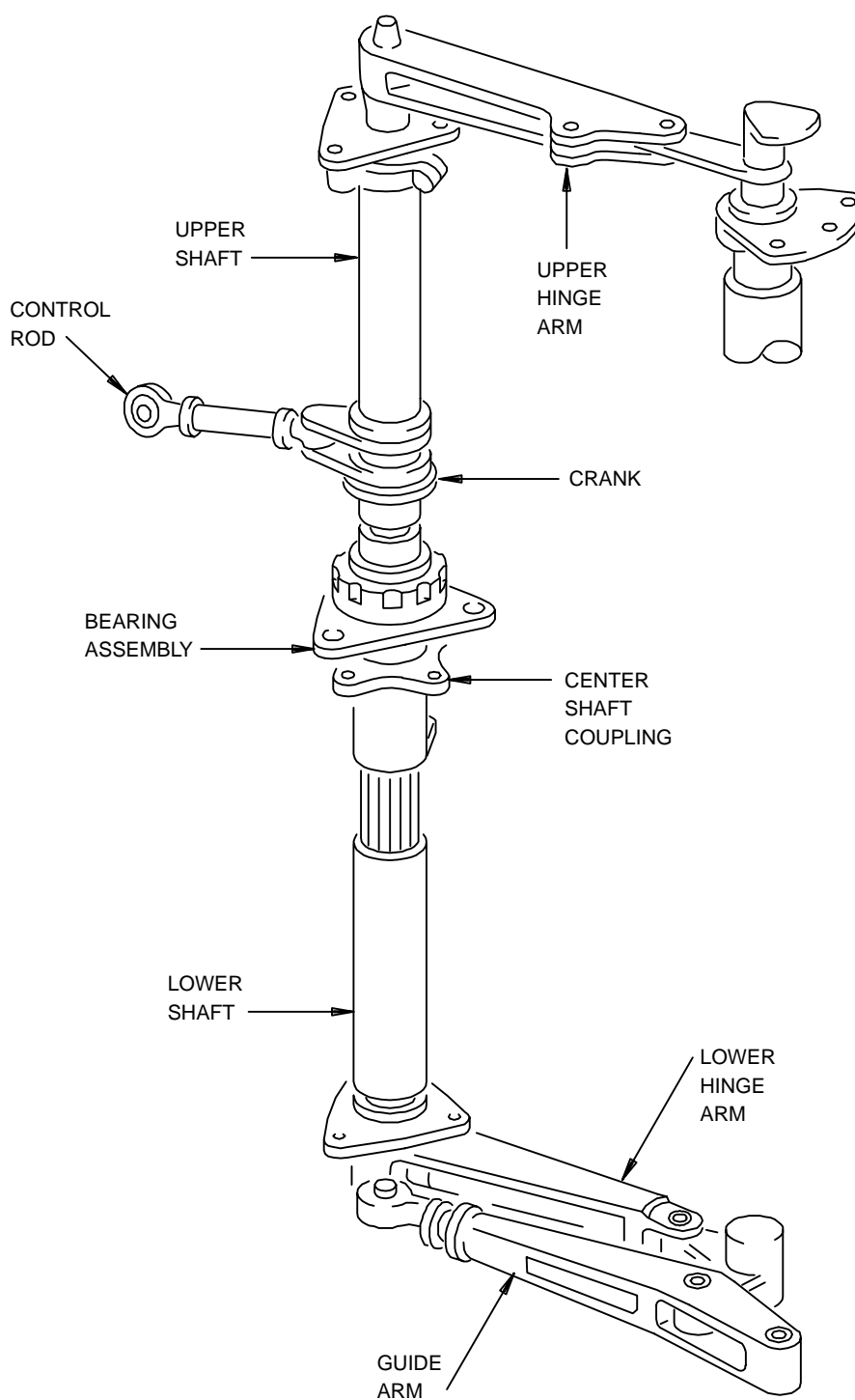


Main Entry Doors - Component Location
Figure 102 (Sheet 2)

Figure 5 52-1 1 Main Entry Doors Comp. Location Fig. 102 (Sheet 2)

579529





DOOR HINGE TORQUE TUBE (DOORS 1-4)

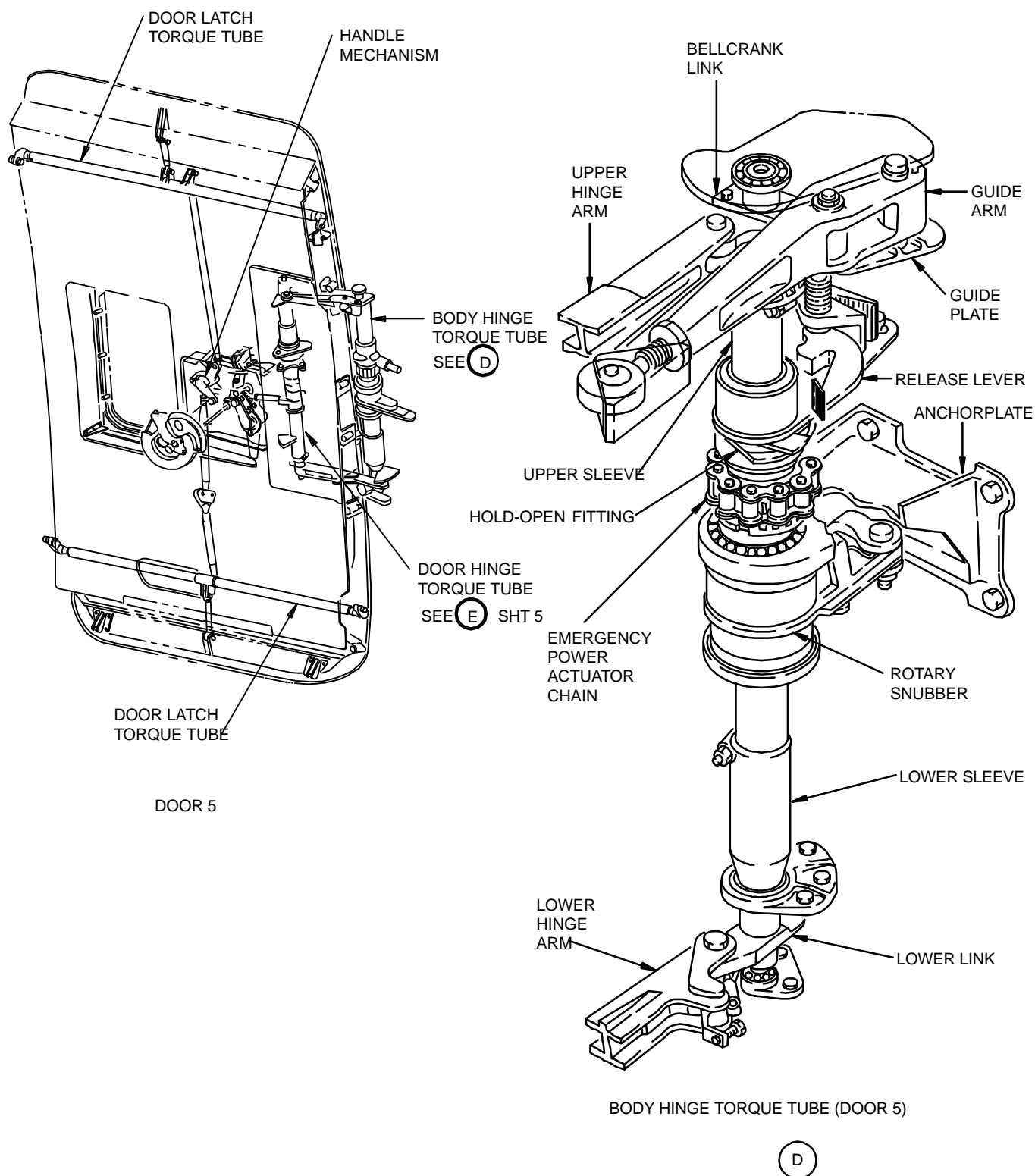
C

Main Entry Doors - Component Location (Detail from Sht 2)

Figure 102 (Sheet 3)

579708

Figure 6 52-1 1 Main Entry Doors Comp. Location Fig. 102 (Sheet 3)

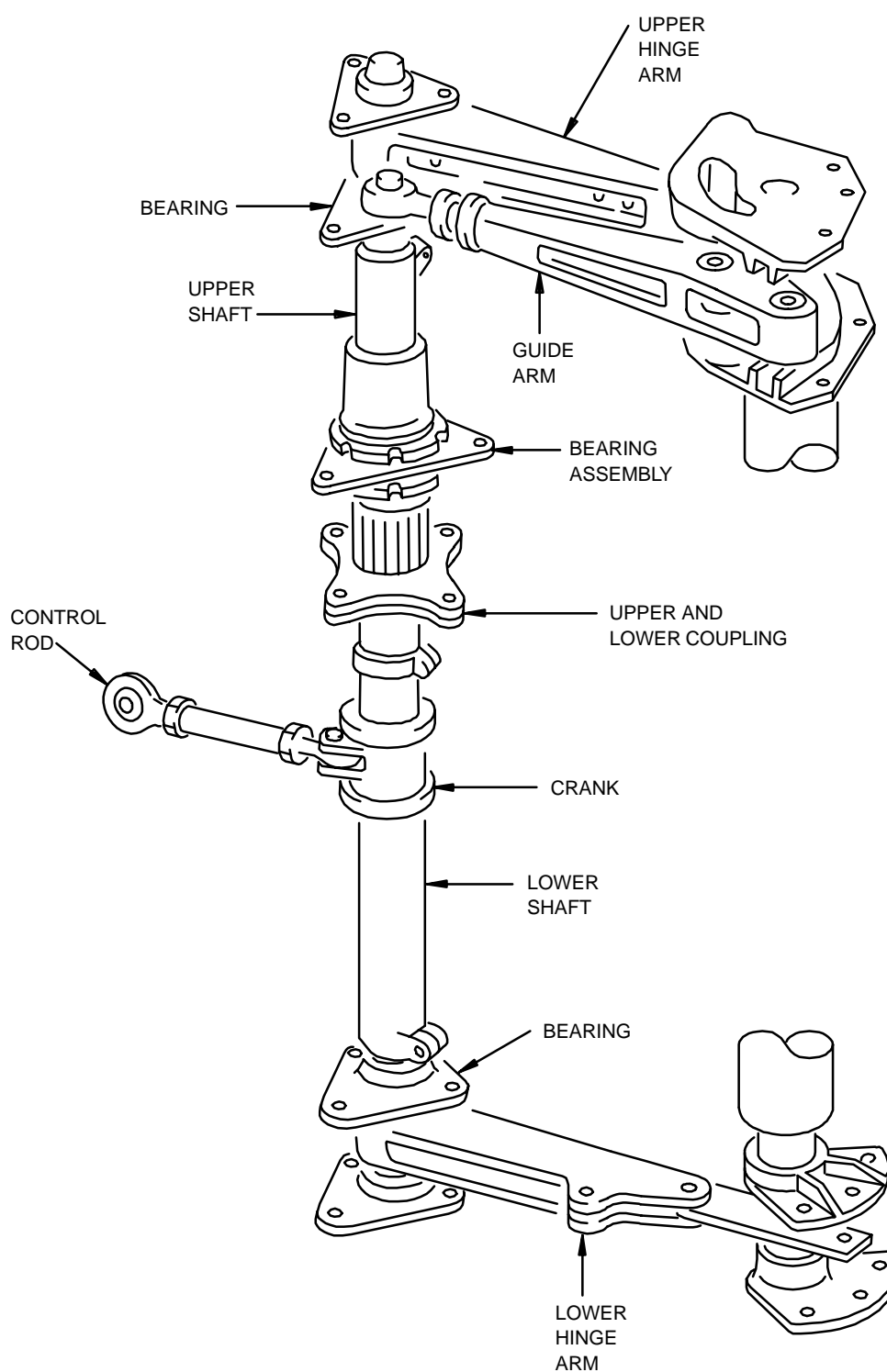


Main Entry Doors - Component Location
Figure 102 (Sheet 4)

Figure 7 52-1 1 Main Entry Doors Comp. Location Fig. 102 (Sheet 4)

579534





DOOR HINGE TORQUE TUBE (DOOR 5)

E

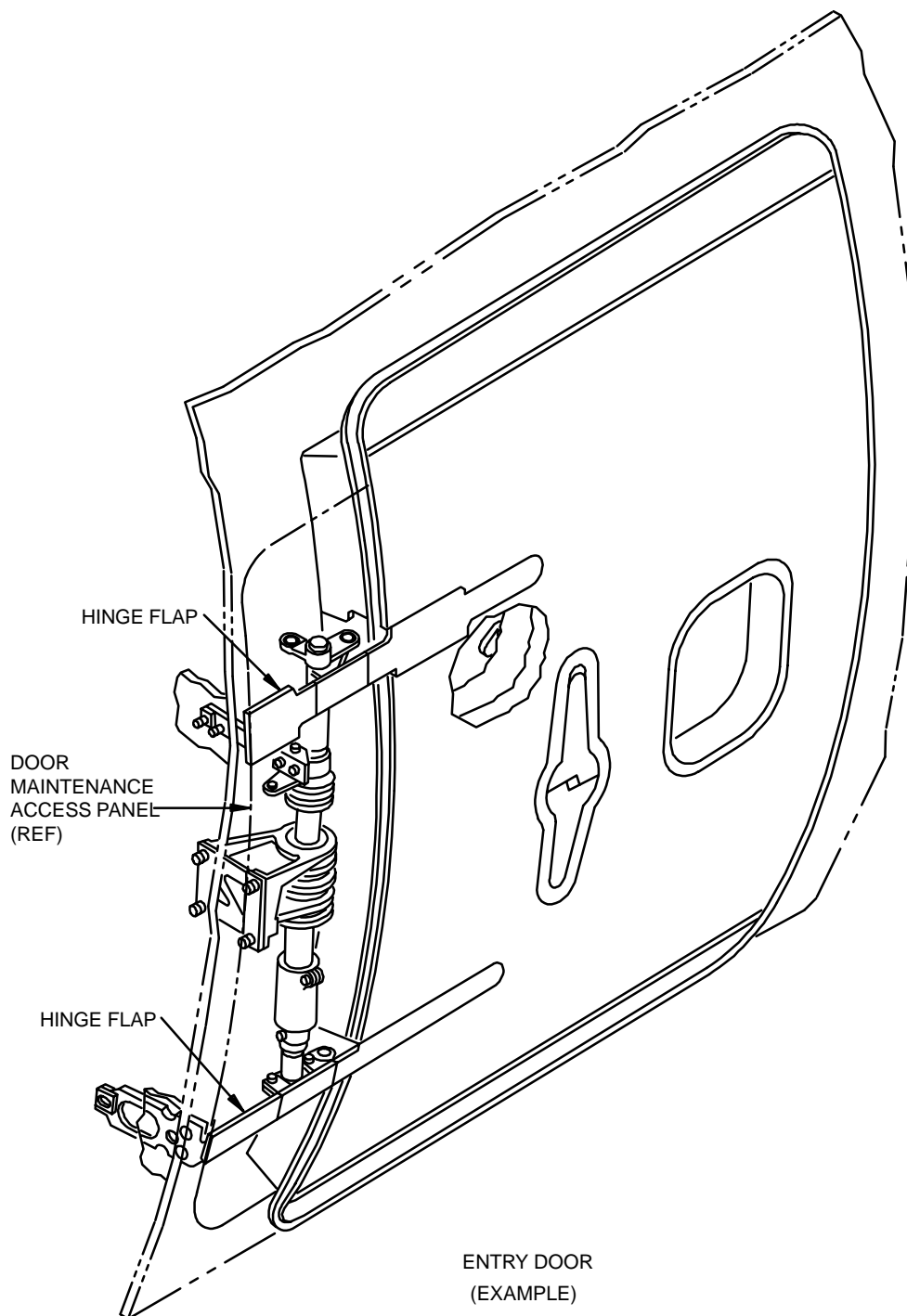
Main Entry Doors - Component Location (Detail from Sht 4)

Figure 102 (Sheet 5)

Figure 8 52-1 1 Main Entry Doors Comp. Location Fig. 102 (Sheet 5)

579539



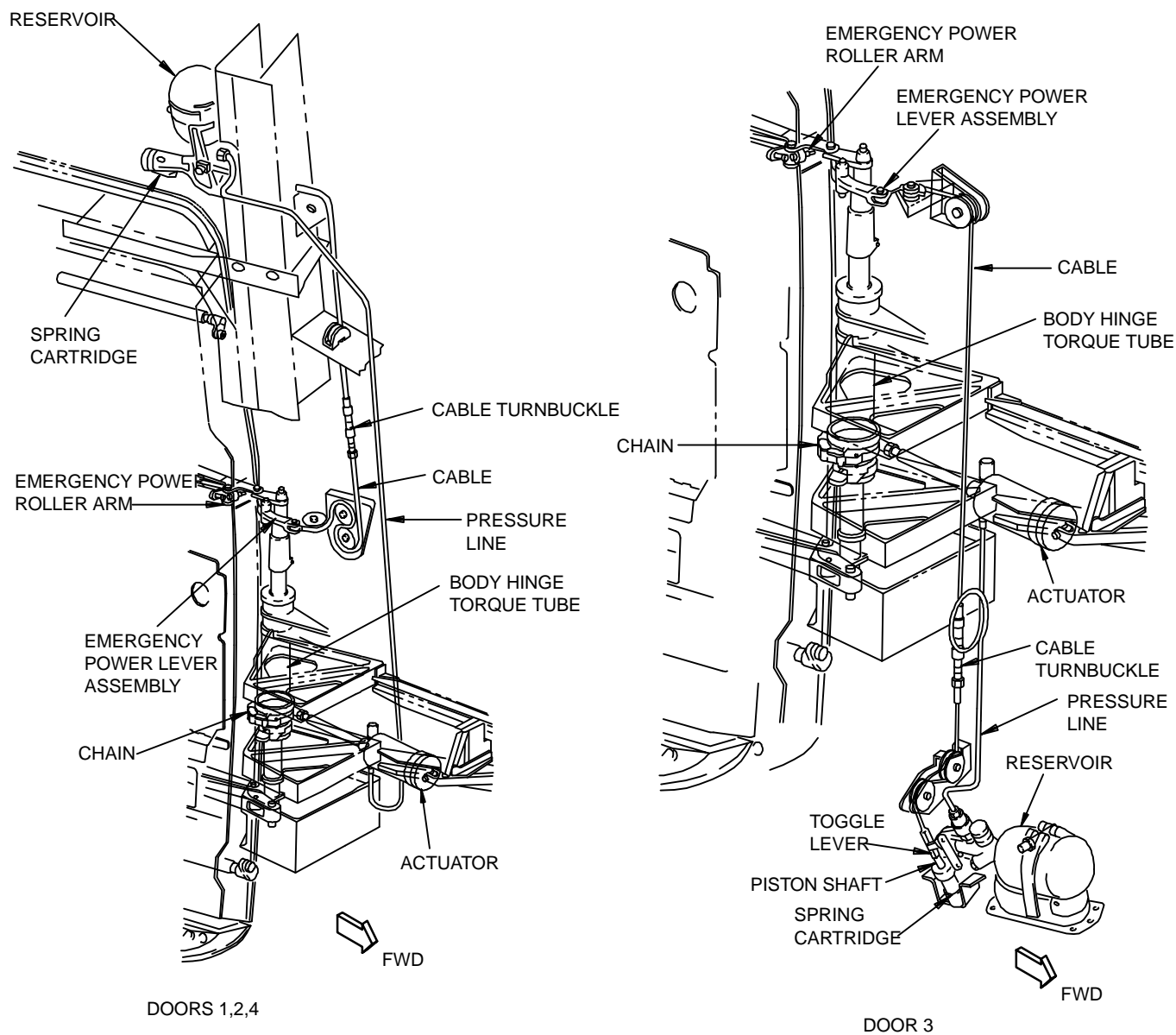


Main Entry Doors - Component Location
Figure 102 (Sheet 6)

Figure 9 52-1 1 Main Entry Doors Comp. Location Fig. 102 (Sheet 6)

579710



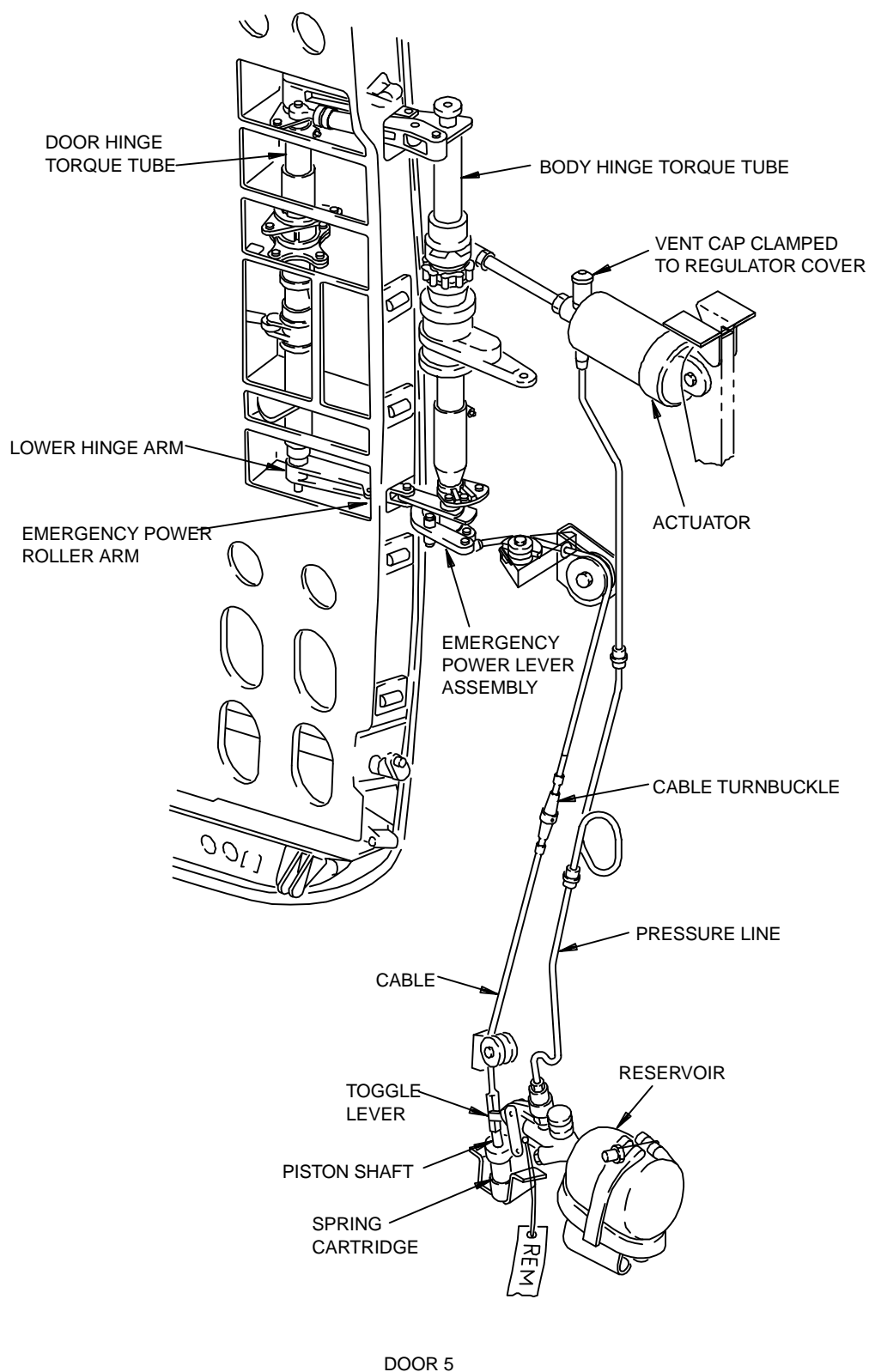


Main Entry Doors - Component Location
Figure 102 (Sheet 7)

Figure 10 52-1 1 Main Entry Doors Comp. Location Fig. 102 (Sheet 7)

579713



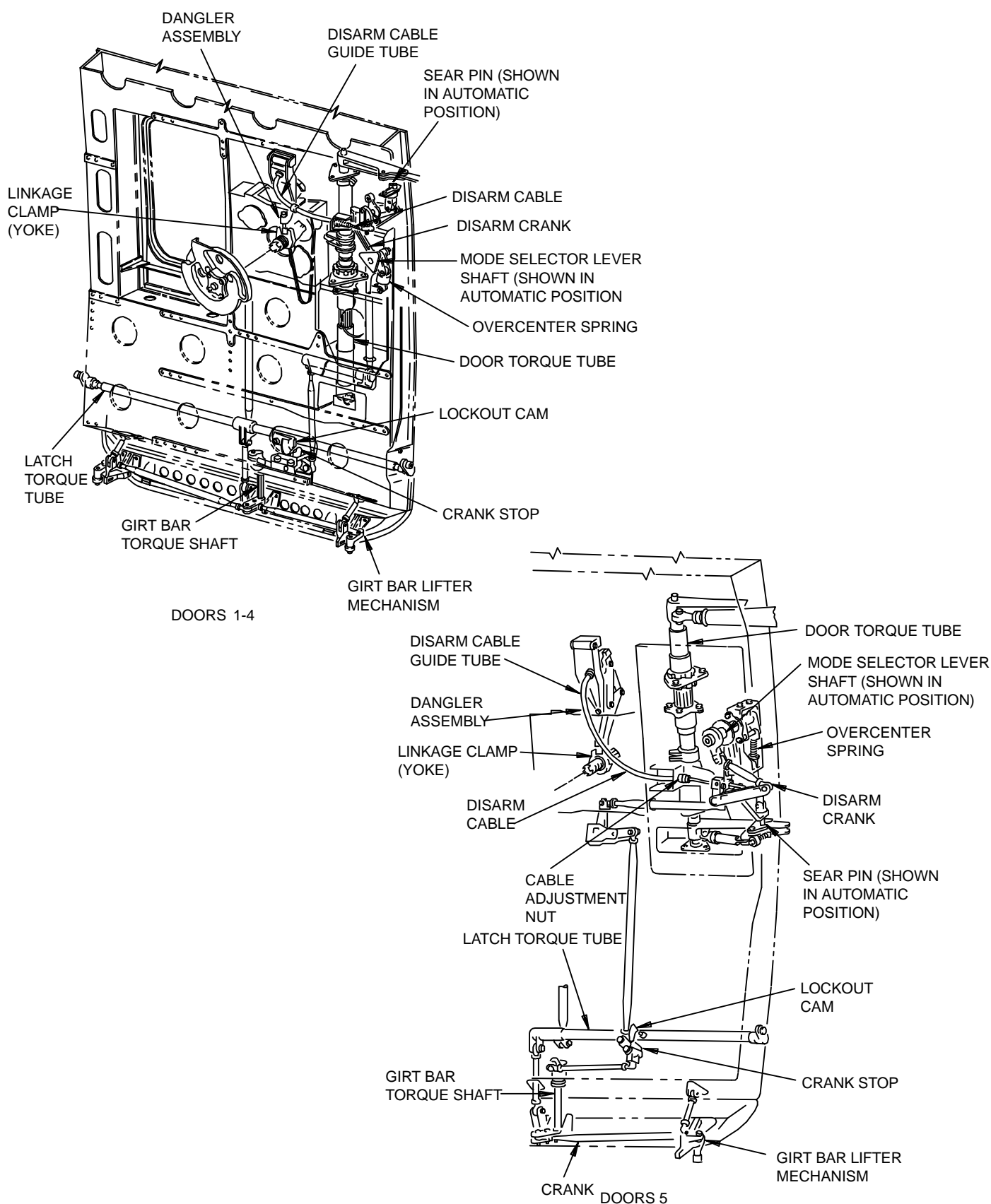


Main Entry Doors - Component Location

Figure 102 (Sheet 8)

579715

Figure 11 52-1 1 Main Entry Doors Comp. Location Fig. 102 (Sheet 8)

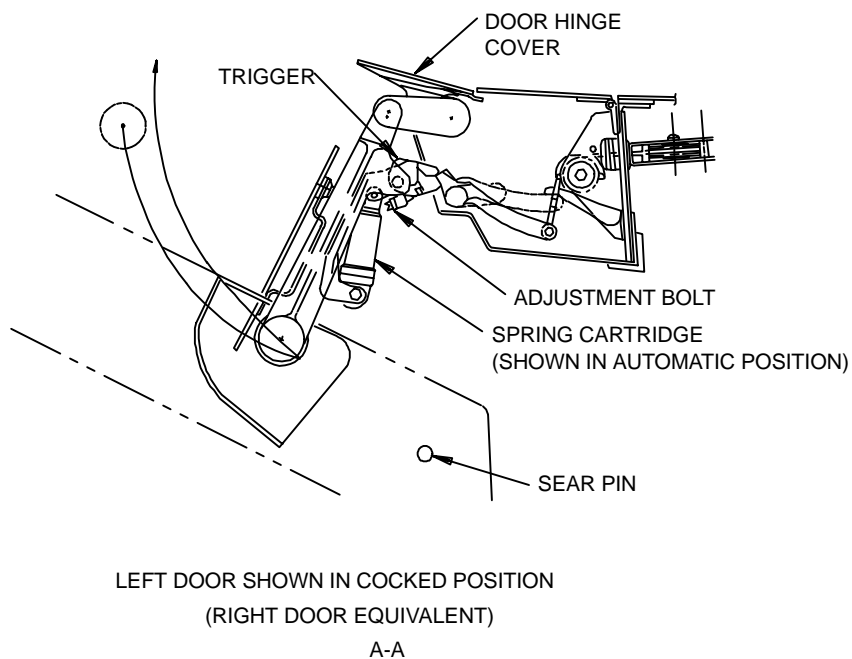
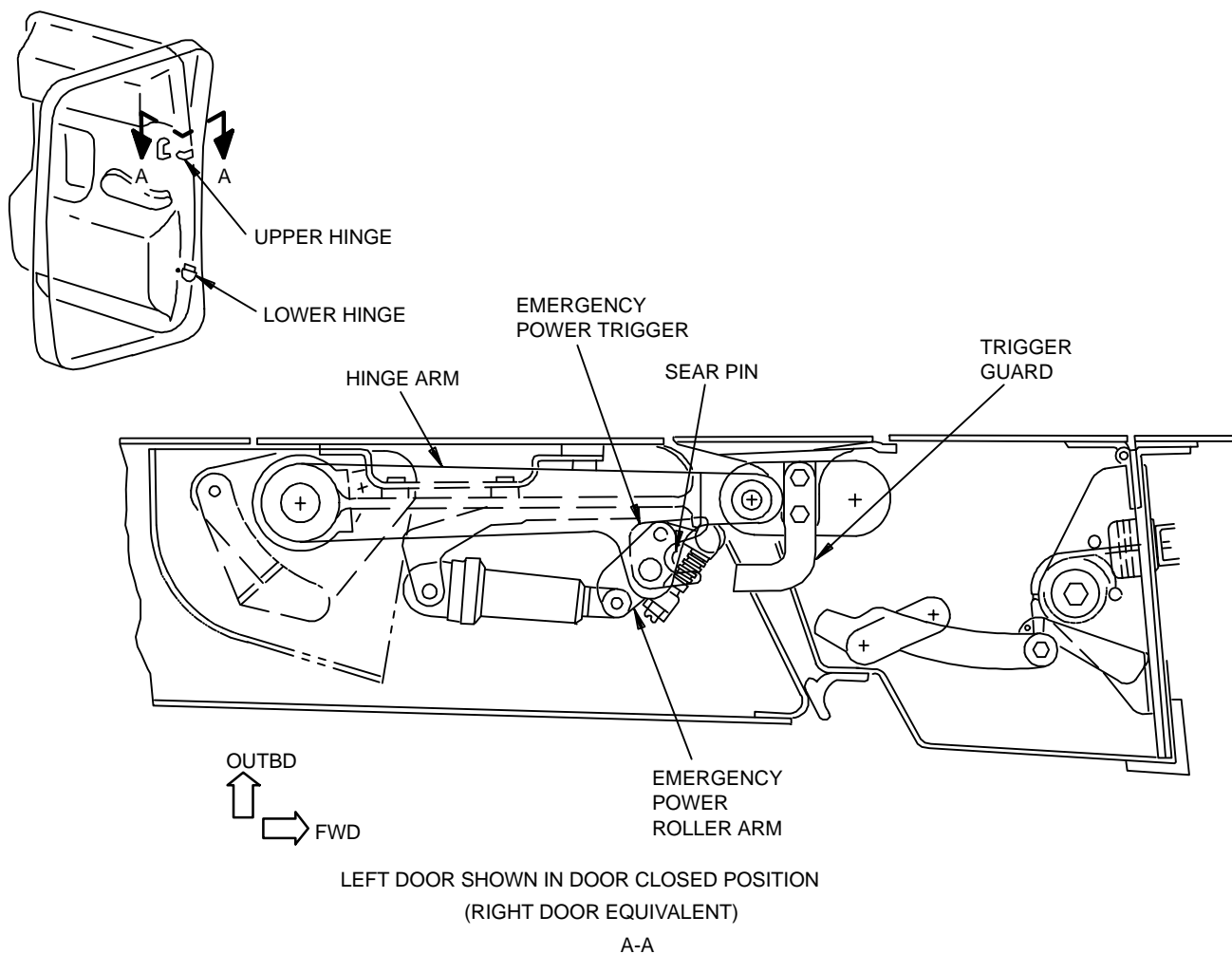


Main Entry Doors - Component Location

Figure 102 (Sheet 9)

579726

Figure 12 52-1 1 Main Entry Doors Comp. Location Fig. 102 (Sheet 9)

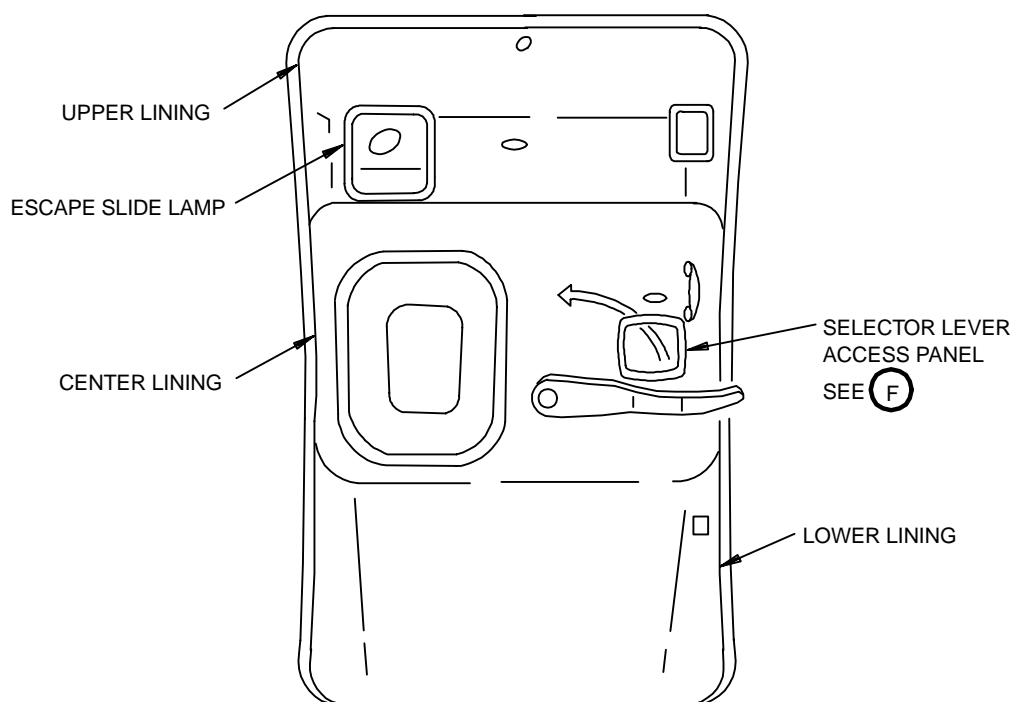


Main Entry Doors - Component Location
Figure 102 (Sheet 10)

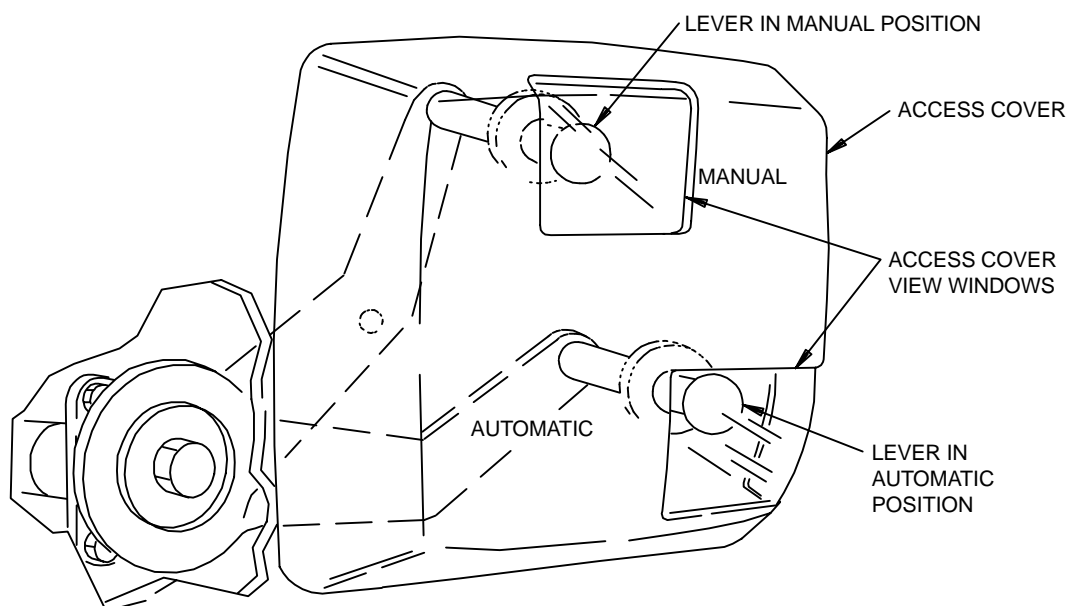
Figure 13 52-1 1 Main Entry Doors Comp. Location Fig. 102 (Sheet 10)

579731





MAIN ENTRY DOOR
(EXAMPLE)



SELECTOR LEVER ACCESS PANEL

(F)

Main Entry Doors - Component Location
Figure 102 (Sheet 11)

Figure 14 52-1 1 Main Entry Doors Comp. Location Fig. 102 (Sheet 11)

579733



**Lufthansa
Technical Training**

52-23 UPPER DECK DOOR

COMPONENT INDEX AND LOCATION



UPPER DECK DOOR

COMPONENT	FIG. 102 SHT	QTY	ACCESS/AREA	REFERENCE
ACTUATOR - L DOOR FLIGHT LOCK	3	1	837L, L U/D DOOR	52-23-08
ACTUATOR - L DOOR LIFT	4	2	BEHIND UPPER PORTION OF L DOORWAY SURROUND	52-23-05
ACTUATOR - R DOOR FLIGHT LOCK	3	1	847R, R U/D DOOR	52-23-08
ACTUATOR - R DOOR LIFT	4	2	BEHIND UPPER PORTION OF R DOORWAY SURROUND	52-23-05
ARMS - HINGE	4	4	BEHIND UPPER PORTION OF L OR R DOORWAY SURROUND	52-23-05
ASSEMBLY - L DOOR BRAKE	4	1	BEHIND UPPER PORTION OF L DOORWAY SURROUND	52-23-1 1
ASSEMBLY - R DOOR BRAKE	4	1	BEHIND UPPER PORTION OF R DOORWAY SURROUND	52-23-1 1
BATTERY PACK - L DOOR EMERGENCY POWER SYSTEM, M7037	4	1	FORWARD ACCESS DOOR IN CEILING PANEL BETWEEN U/D DOORS	52-23-14
BATTERY PACK - R DOOR EMERGENCY POWER SYSTEM, M7038	4	1	AFT ACCESS DOOR IN CEILING PANEL BETWEEN U/D DOORS	52-23-14
CIRCUIT BREAKERS -			117AL, MAIN EQUIP CTR, P180,P414	
BATTERY - RH UPPER DECK DOOR, C8602		1	180D3	*
BATTERY - LH UPPER DECK DOOR, C8601		1	180G3	*
CONTROL - LH UPPER DECK DOOR, C8599		1	180G1	*
CONTROL - RH UPPER DECK DOOR, C8600		1	180D1	*
FLIGHT LOCK - LH UPPER DECK DOOR, C8605		1	180G2	*
FLIGHT LOCK - RH UPPER DECK DOOR, C8606		1	180D2	*
CONTROL - LH UPPER DECK DOOR, C8607		1	414F24	*
CONTROL - RH UPPER DECK DOOR, C8608		1	414F25	*
POWER - LH UPPER DECK DOOR, C3060		1	414P24	*
POWER - RH UPPER DECK DOOR, C3061		1	414P21	*
CARTRIDGE - LH UPPER DECK DOOR, C8604	4	1	FORWARD ACCESS PANEL IN CEILING PANEL BETWEEN U/D DOORS	*
CARTRIDGE - RH UPPER DECK DOOR, C8603	4	1	AFT ACCESS PANEL IN CEILING PANEL BETWEEN U/D DOORS	*
DOOR - L UPPER DECK	1	1	837L, L U/D DOOR	52-23-01
DOOR - R UPPER DECK	1	1	847R, R U/D DOOR	52-23-01
HANDLE MECHANISM - L DOOR INSIDE	6	1	837L, L U/D DOOR	52-23-03
HANDLE MECHANISM - L DOOR OUTSIDE	6	1	837L, L U/D DOOR	52-23-04
HANDLE MECHANISM - R DOOR INSIDE	6	1	847R, R U/D DOOR	52-23-03
HANDLE MECHANISM - R DOOR OUTSIDE	6	1	847R, R U/D DOOR	52-23-04
LEVER - ARM/DISARM	3,5	2	INTERIOR LINING OF U/D DOOR	52-23-00
LEVER - OUTSIDE DISARM	3,5	2	BELOW DOOR OUTSIDE HANDLE	52-23-00
LINING - DOOR	1	2	837L AND 847R, INTERIOR OF U/D DOOR	52-23-02

* SEE WDM EQUIPMENT LIST

Upper Deck Door - Component Index
Figure 101 (Sheet 1)**Figure 15 52-23 Upper Deck Door Comp. Index Fig. 101 (Sheet 1)**

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COMPONENT	FIG. 102 SHT	QTY	ACCESS/AREA	REFERENCE
MECHANISM - L DOOR ACTUATION	4	1	BEHIND UPPER PORTION OF L DOORWAY SURROUND	52-23-05
MECHANISM - L PRESSURE RELIEF	2,6	2	837L, L U/D DOOR	52-23-07
MECHANISM - R DOOR ACTUATION	4	1	BEHIND UPPER PORTION OF R DOORWAY SURROUND	52-23-05
MECHANISM - R PRESSURE RELIEF	2,6	2	847R, R U/D DOOR	52-23-07
MODULE - CARTRIDGE - L UPPER DECK DOOR PRESSURE VESSEL, M7039	4	2	BEHIND UPPER PORTION OF L DOORWAY SURROUND	*
MODULE - CARTRIDGE - R UPPER DECK DOOR PRESSURE VESSEL, M7040	4	1	BEHIND UPPER PORTION OF R DOORWAY SURROUND	*
MODULE - POWER UNIT - L UPPER DECK DOOR LIFT, M7033	4	1	BEHIND UPPER PORTION OF L DOORWAY SURROUND	*
MODULE - POWER UNIT - R UPPER DECK DOOR LIFT, M7034	4	1	BEHIND UPPER PORTION OF R DOORWAY SURROUND	*
MODULE - L UPPER DECK DOOR ANNUNCIATOR, M7035	5	1	IN UPPER PORTION OF L DOORWAY SURROUND	*
MODULE - R UPPER DECK DOOR ANNUNCIATOR, M7036	5	1	IN UPPER PORTION OF R DOORWAY SURROUND	*
MOTOR - L PNEUMATIC	4	1	BEHIND UPPER PORTION OF L DOORWAY SURROUND	52-23-09
MOTOR - R PNEUMATIC	4	1	BEHIND UPPER PORTION OF R DOORWAY SURROUND	52-23-09
RELAY - (REF 31-01-39, FIG. 101) ALTERNATE GROUND SAFETY, R1128 BUS TRANSFER L UPPER DECK DOOR, R7032 BUS TRANSFER R UPPER DECK DOOR, R7033 PRIMARY GROUND SAFETY, R910				
RESERVOIR - U/D EMERGENCY POWER	4	2	ABOVE CEILING PANEL BETWEEN UPPER DECK DOORS	52-23-13
SWITCH - AUTO MODE, S1520	2	2	837L OR 847R, INSIDE L OR R U/D DOOR	52-23-00
SWITCH - DOOR CLOSED LIMIT - L, S1536	3	1	BEHIND UPPER PORTION OF L DOORWAY SURROUND	52-23-00
SWITCH - DOOR CLOSED LIMIT - R, S1537	3	1	BEHIND UPPER PORTION OF R DOORWAY SURROUND	52-23-00
SWITCH - DOOR CONTROL - INSIDE L, S1530	5	1	837L, L U/D DOOR	52-23-00
SWITCH - DOOR CONTROL - INSIDE R, S1531	5	1	847R, R U/D DOOR	52-23-00
SWITCH - DOOR CONTROL - OUTSIDE L, S1532	5	1	837L, L U/D DOOR	52-23-00
SWITCH - DOOR CONTROL - OUTSIDE R, S1533	5	1	847R, R U/D DOOR	52-23-00
SWITCH - DOOR OPEN LIMIT - L, S1534	3	1	837L, L U/D DOOR	52-23-00
SWITCH - DOOR OPEN LIMIT - R, S1535	3	1	847R, R U/D DOOR	52-23-00
SWITCH - LH UPP DK DR LATCH OPEN, S1538	2	1	837L, L U/D DOOR	52-23-00
SWITCH - OUTSIDE EMERGENCY OPEN - L, S1540	5	1	837L, EXTERIOR OF L U/D DOOR	52-23-00
SWITCH - OUTSIDE EMERGENCY OPEN - R, S1541	5	1	847R, EXTERIOR OF R U/D DOOR	52-23-00
SWITCH - RH UPP DK DR LATCH OPEN, S1539	2	1	847R, RH U/D DOOR	52-23-00
SWITCH - FLT LOCK, S1521	2	2	837L OR 847R, INSIDE L OR R U/D DOOR	52-23-00
SWITCH - MASTER LATCH, S1518	2	2	837L OR 847R, INSIDE L OR R U/D DOOR	52-23-00
UNIT - L DOOR POWER LIFT	4	1	BEHIND UPPER PORTION OF L DOORWAY SURROUND	52-23-00
UNIT - R DOOR POWER LIFT	4	1	BEHIND UPPER PORTION OF R DOORWAY SURROUND	52-23-00

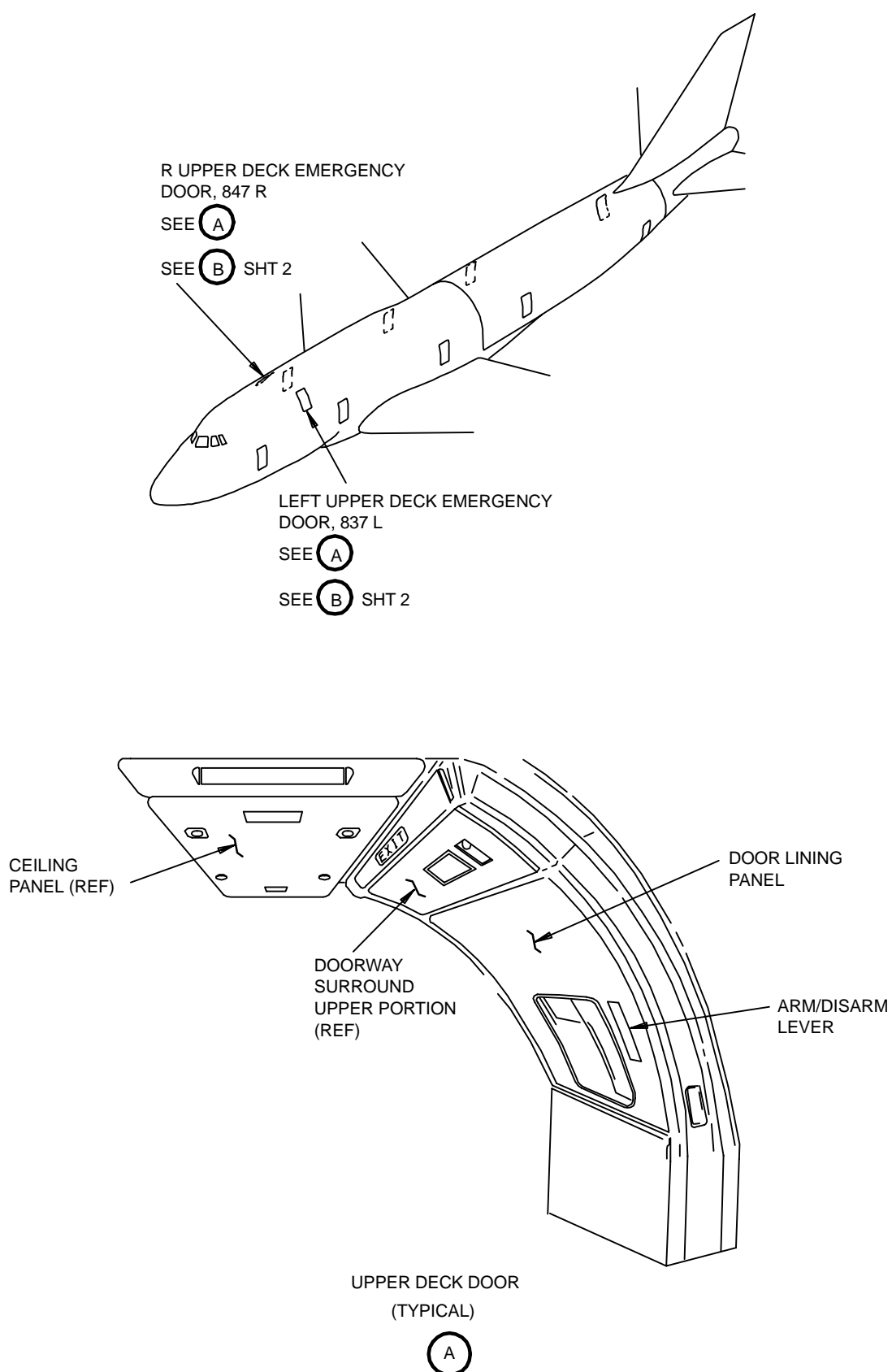
* SEE WDM EQUIPMENT LIST

Upper Deck Door - Component Index
Figure 101 (Sheet 2)

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Figure 16 52-23 Upper Deck Door Comp. Index Fig. 101 (Sheet 2)



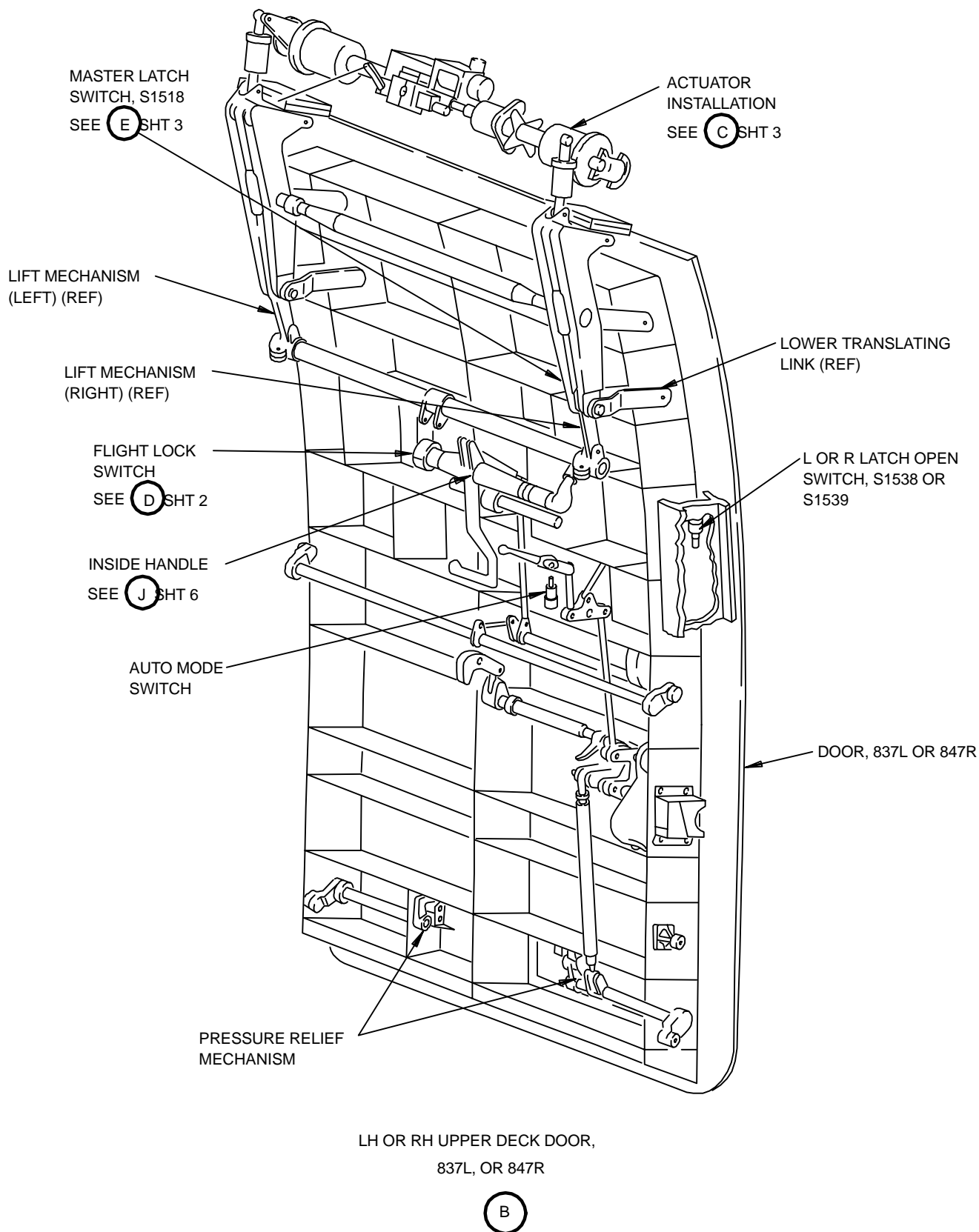


Upper Deck Door - Component Location

Figure 102 (Sheet 1)

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Figure 17 52-23 Upper Deck Door Comp. Location Fig. 102 (Sheet 1)



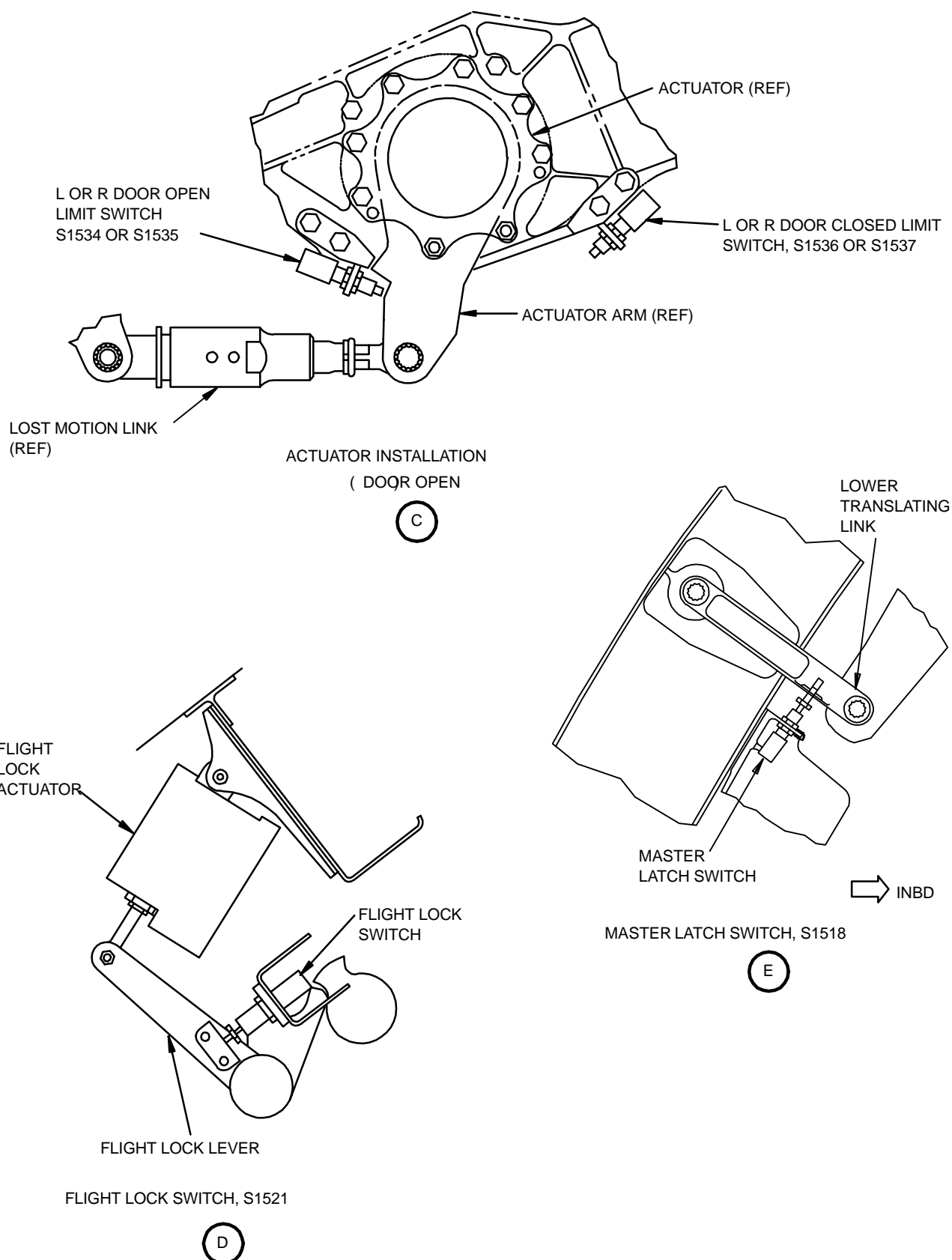
Upper Deck Door - Component Location (Detail from Sht 1)

Figure 102 (Sheet 2)

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Figure 18 52-23 Upper Deck Door Comp. Location Fig. 102 (Sheet 2)





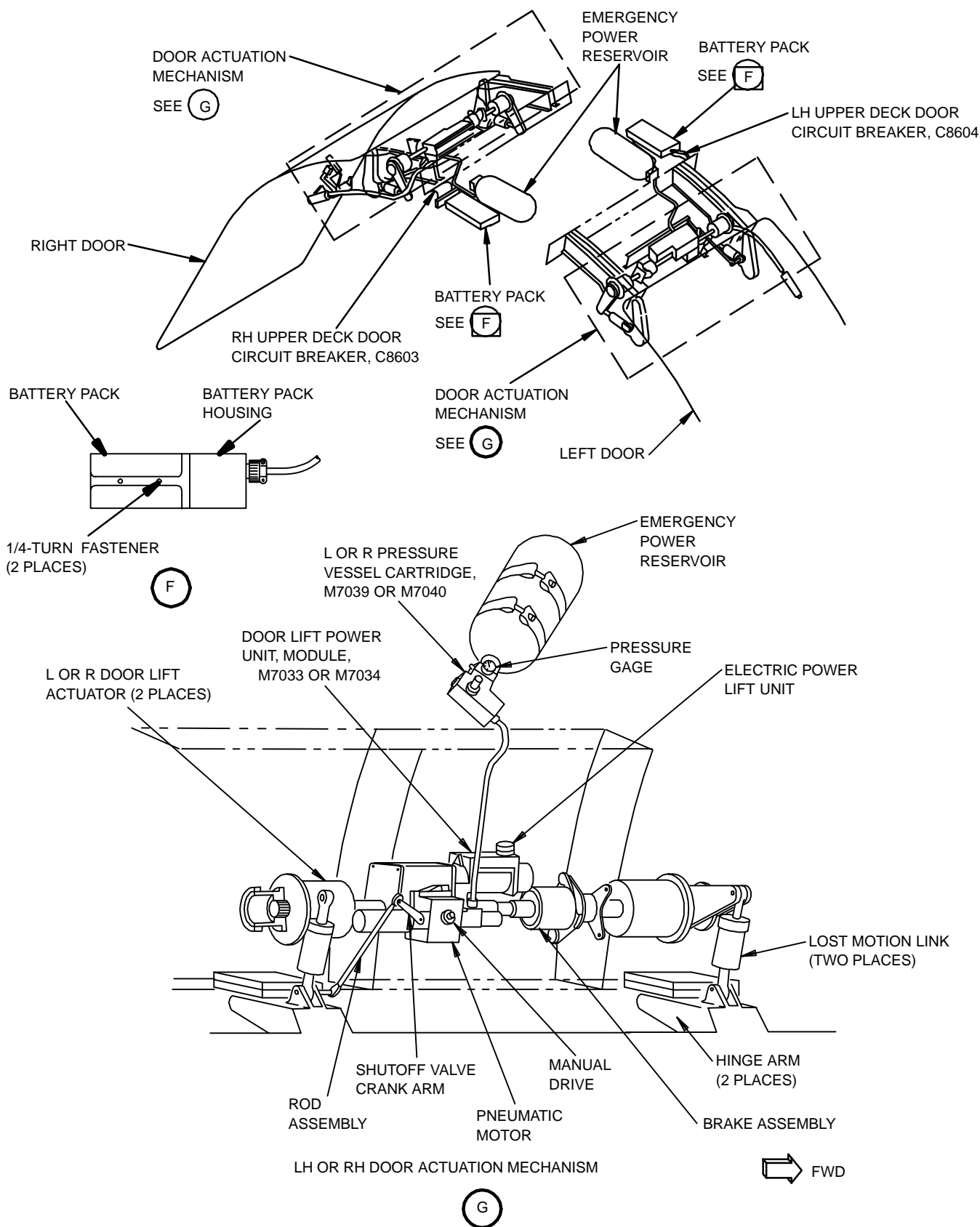
Upper Deck Door - Component Location (Details From Sht 2)

Figure 2 (Sheet 3)

Figure 19 52-23 Upper Deck Door Comp. Location Fig. 2 (Sheet 3)

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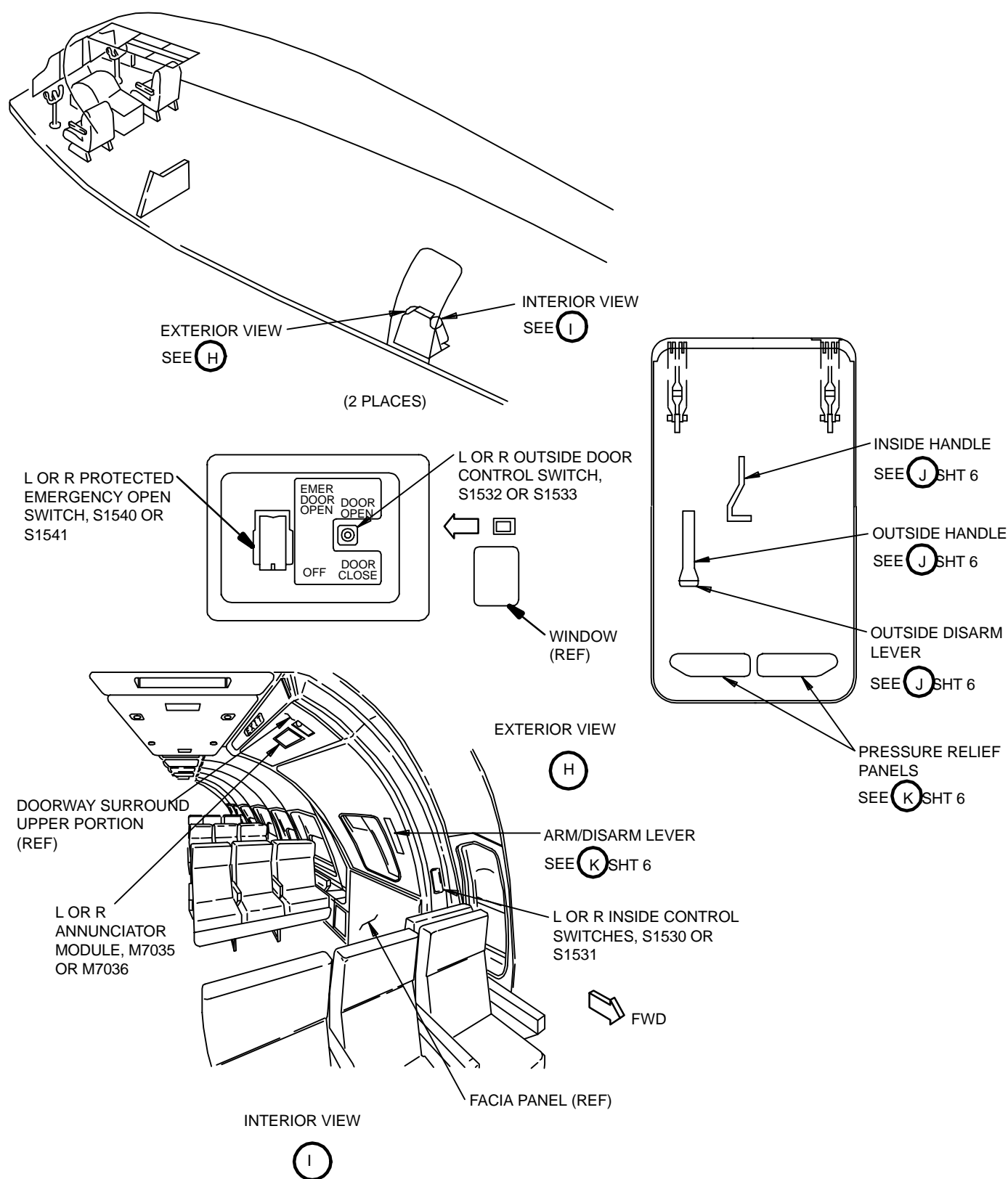


Upper Deck Door - Component Location
Figure 102 (Sheet 4)

Figure 20 52-23 Upper Deck Door Comp. Location Fig. 102 (Sheet 4)

579606



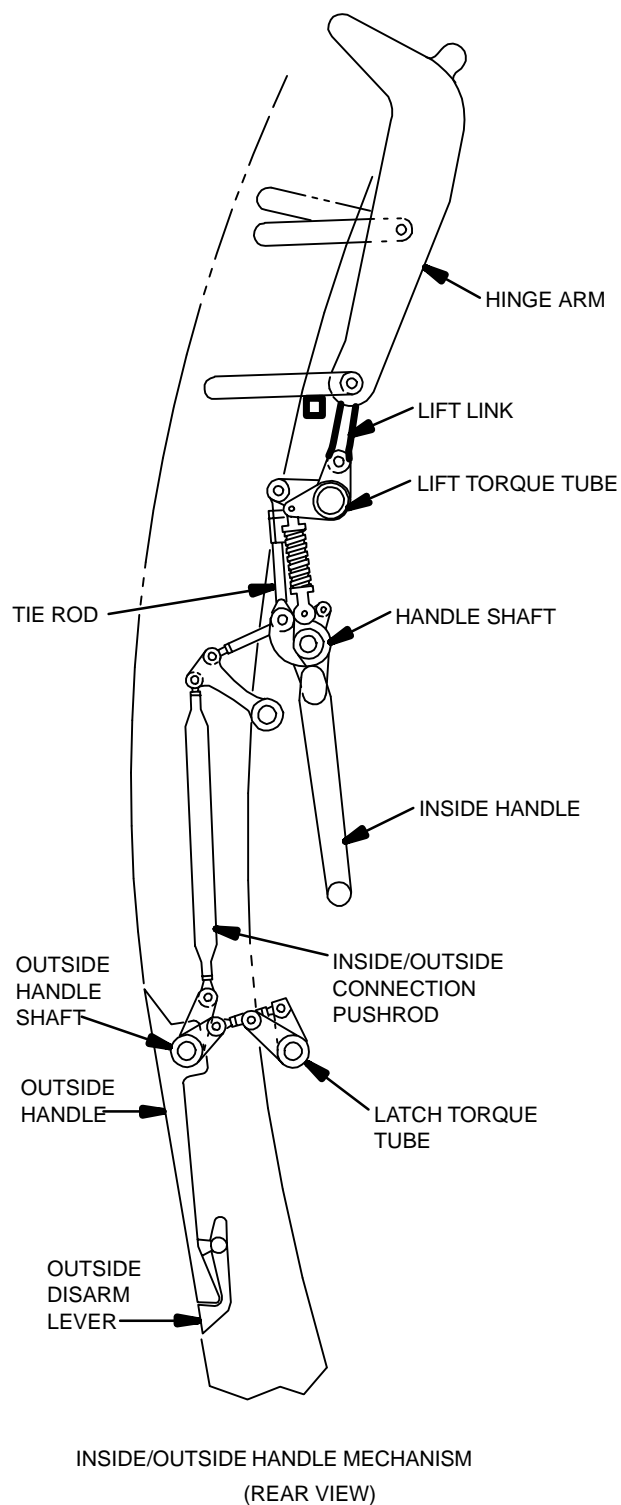


Upper Deck Door - Component location
Figure 102 (Sheet 5)

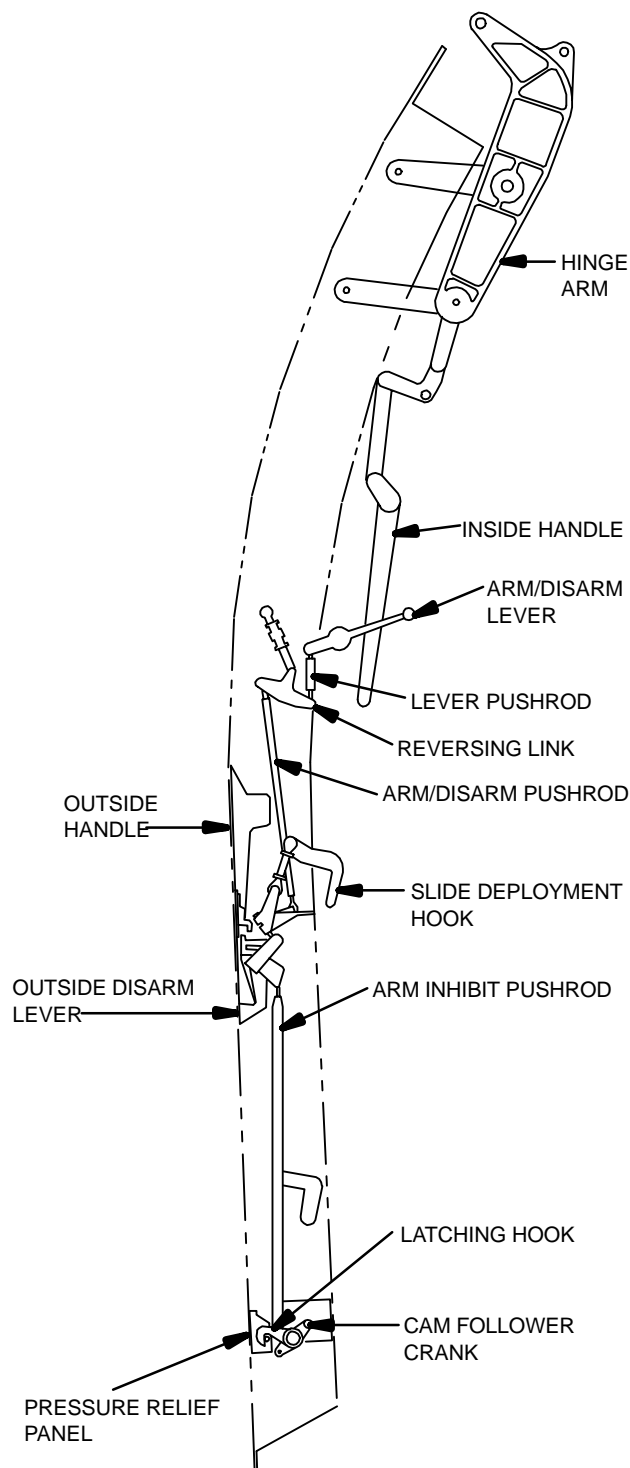
Figure 21 52-23 Upper Deck Door Comp. Location Fig. 102 (Sheet 5)

579616





J FROM SHT 2, 5



K FROM SHT 5

Upper Deck Door - Component Location
Figure 102 (Sheet 6)

Figure 22 52-23 Upper Deck Door Comp. Location Fig. 102 (Sheet 6)

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


52-32 SIDE CARGO DOOR

COMPONENT INDEX AND LOCATION



SIDE CARGO DOOR

COMPONENT	FIG. 102 SHT	QTY	ACCESS/AREA	REFERENCE
ACTUATOR - HOOK, X211,X212	8	2	836L, SIDE CARGO DOOR	52-32-1 1
ACTUATOR - LATCH, X213	4	1	836L, SIDE CARGO DOOR	52-32-09
ACTUATOR - ROTARY	9	4	836L, SIDE CARGO DOOR	52-32-03
ARM - ACTUATOR	9	2	836L, SIDE CARGO DOOR	52-32-03
ASSEMBLY - GEARBOX AND BRAKE	2	1	836L, SIDE CARGO DOOR	52-32-04
CIRCUIT BREAKERS	10		117AL, MAIN EQUIP CTR, P415	
SIDE CARGO DOOR CONTROL, C1795		1		*
CIRCUIT BREAKERS	10		117AL, MAIN EQUIP CTR, P715	
SIDE CARGO DOOR POWER, C1835		1		*
DOOR - CARGO, 836L	10	1	836L, SIDE CARGO DOOR	52-32-01
DOOR - PRESSURE RELIEF, 836BL,836EL	3	2	836L, SIDE CARGO DOOR	52-32-07
HANDLE - MASTER LATCH LOCK	7	1	836L, SIDE CARGO DOOR	52-32-06
MODULE - SIDE CARGO DOOR EQUIPMENT, X225	1	1	836L, SIDE CARGO DOOR	*
PANEL - CONTROL, X210	11	1	836L, SIDE CARGO DOOR	52-32-13
RELAY - DOOR DOWN LIFT ACTUATOR,YCKK01,YCKK02	1	2	836L, SIDE CARGO DOOR EQUIP MODULE X225	*
RELAY - HOOK CLOSE, YCKK06,YCKK007	1	2	836L, SIDE CARGO DOOR EQUIP MODULE X225	*
RELAY - HOOK OPEN, YCKK08,YCKK09	1	2	836L, SIDE CARGO DOOR EQUIP MODULE X225	*
RELAY - LATCH CLOSE, YCKK05	1	1	836L, SIDE CARGO DOOR EQUIP MODULE X225	*
RELAY - MIDSPAN OPEN, YCKK03,YCKK04	1	2	836L, SIDE CARGO DOOR EQUIP MODULE X225	*
SEAL - RAIN	3	1	836L, SIDE CARGO DOOR	52-32-18
SOLENOID - CARGO DOOR RESTRAINT, X214,X215	4	2	836L, SIDE CARGO DOOR	52-32-12
SWITCH - CARGO DOOR EXTERIOR AND INTERIOR CONTROL, YCLS01,YCLS02	11	2	836L, SIDE CARGO DOOR	52-32-14
SWITCH - DOOR CLOSED, S1238	6	1	836L, SIDE CARGO DOOR	52-32-15
SWITCH - DOOR DOWN, S1231,S1232	2	2	836L, SIDE CARGO DOOR	52-32-15
SWITCH - DOOR UP, S1229,S1230	2	2	836L, SIDE CARGO DOOR	52-32-15
SWITCH - DOOR WARNING, S1233	7	1	836L, SIDE CARGO DOOR	52-71-01
SWITCH - HOOK CLOSED, S1236,S1237	5	2	836L, SIDE CARGO DOOR	52-32-15
SWITCH - HOOK OPEN, S1234,S1235	5	2	836L, SIDE CARGO DOOR	52-32-15
SWITCH - LATCH CLOSED, S1239	5	1	836L, SIDE CARGO DOOR	52-32-15
SWITCH - LATCHES OPEN, S1594	4	1	836L, SIDE CARGO DOOR	52-32-15
SWITCH - MASTER LATCH LOCK, S1240	5	1	836L, SIDE CARGO DOOR	52-32-15
SWITCH - MIDSPAN LATCH OPEN, S1241,S1242	3	2	836L, SIDE CARGO DOOR	52-32-15
SWITCH - DOOR LATCHED, S2254 	5	1	836L, SIDE CARGO DOOR	52-71-01
UNIT - LIFT POWER, X209	2	1	836L, SIDE CARGO DOOR	52-32-02

* SEE THE WDM EQUIPMENT LIST

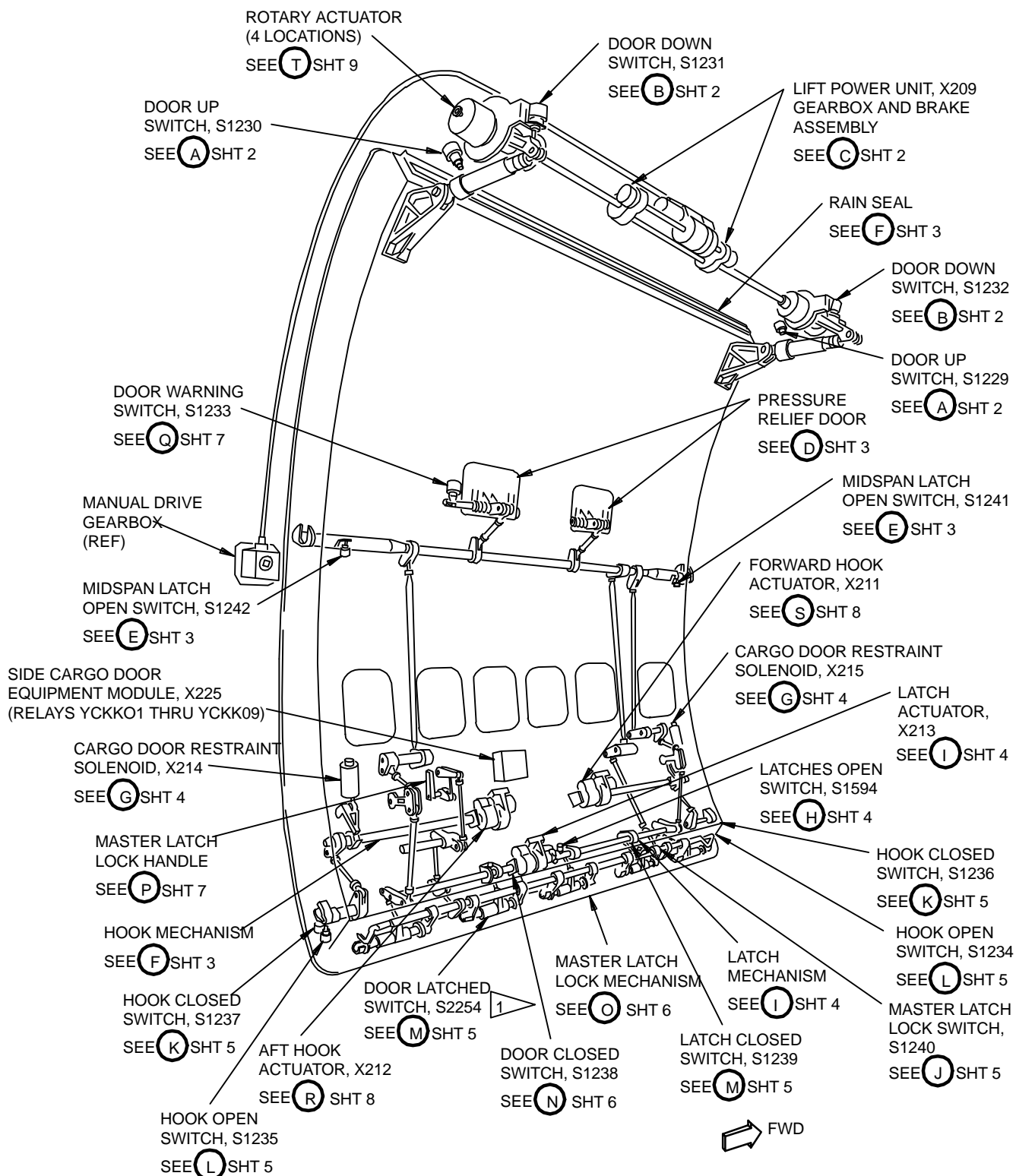
 AIRPLANES WITH DOOR LATCHED SWITCH

Side Cargo Door - Component Index
Figure 101

Figure 23 52-32 Side Cargo Door Comp. Index Fig. 101

678845



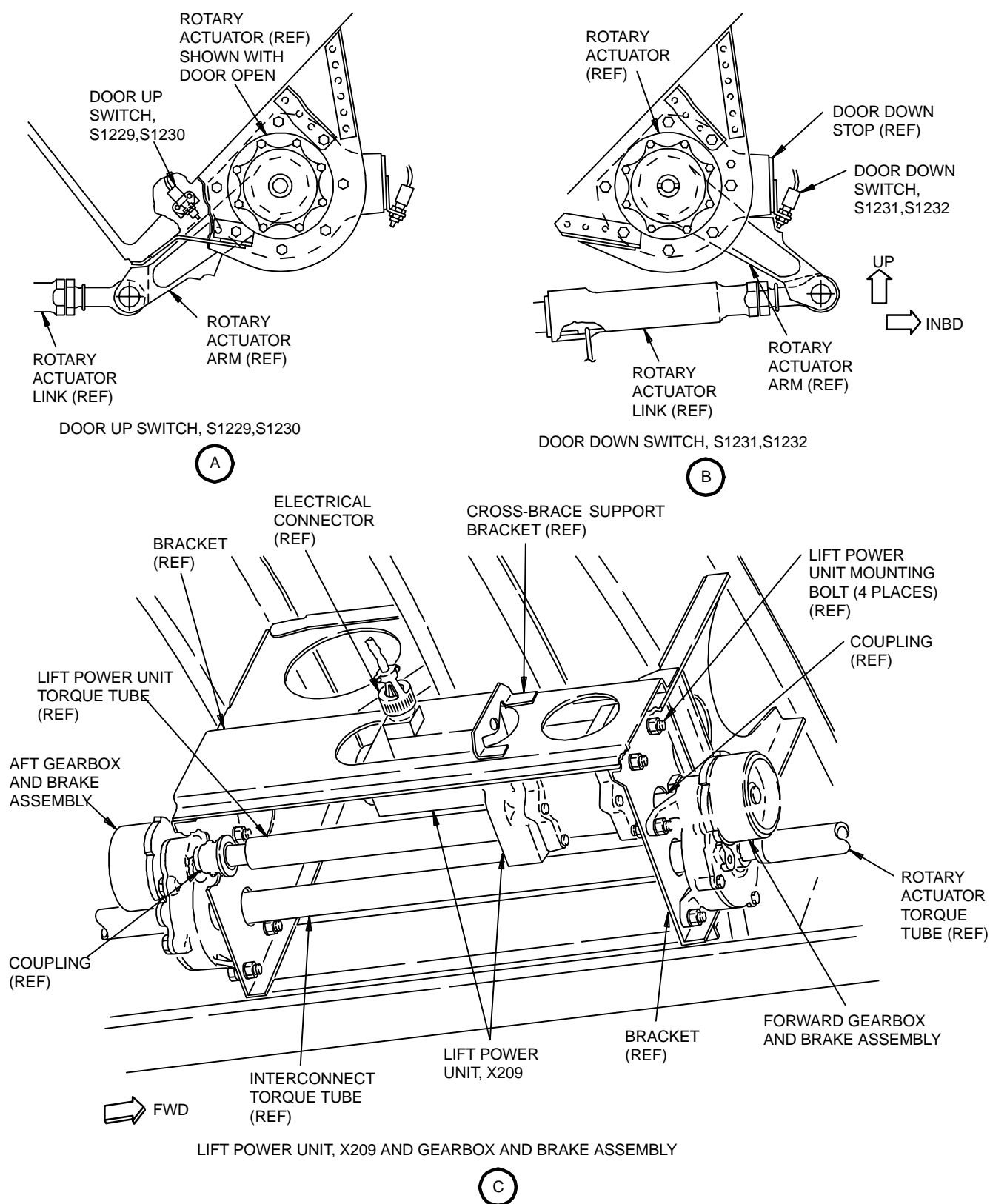


Side Cargo Door - Component Location
Figure 102 (Sheet 1)

Figure 24 52-32 Side Cargo Door Comp. Location Fig. 102 (Sheet 1)

678871



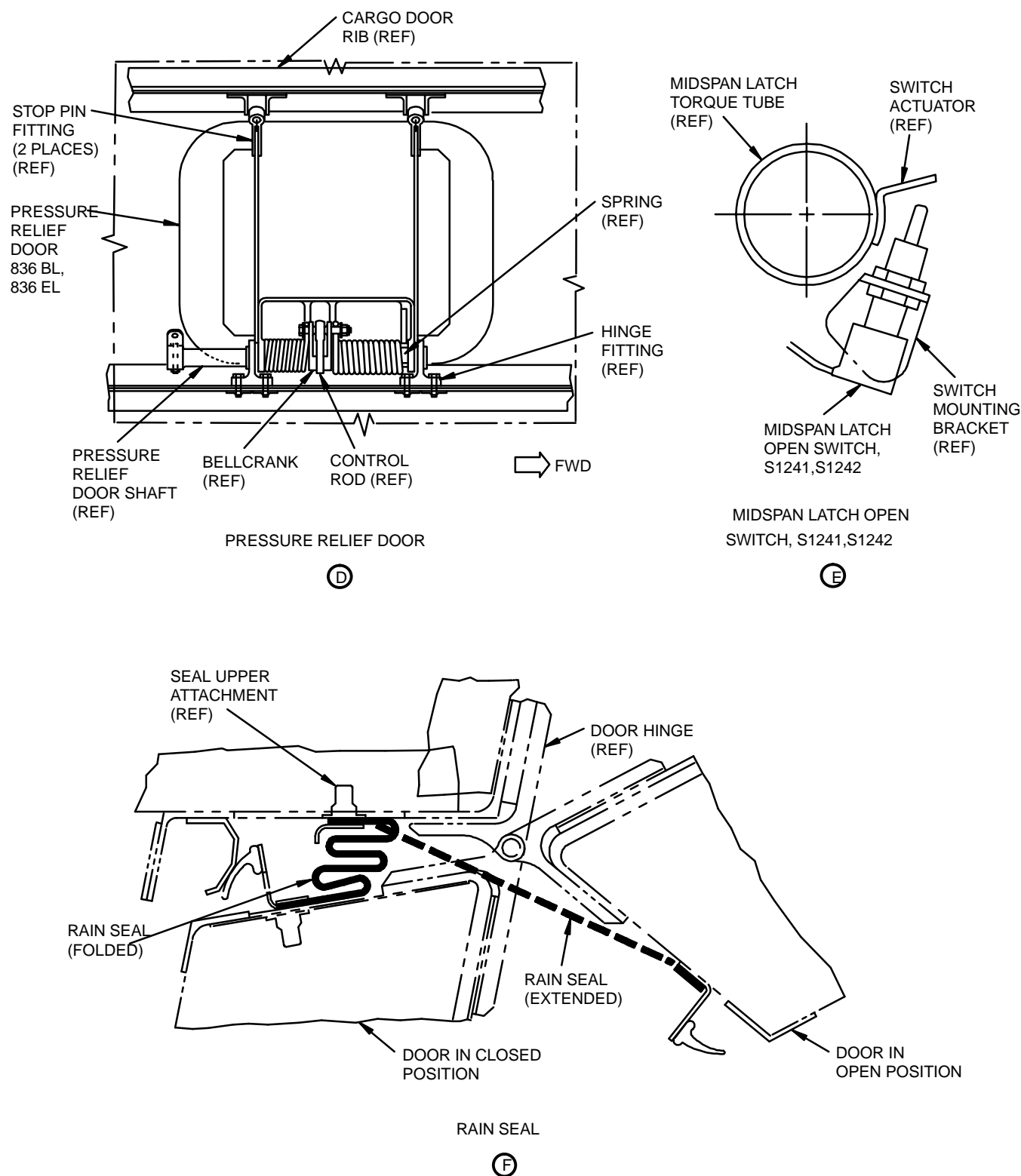


Side Cargo Door - Component Location (Details from Sht 1)
Figure 102 (Sheet 2)

Figure 25 52-32 Side Cargo Door Comp. Location Fig. 102 (Sheet 2)

679239



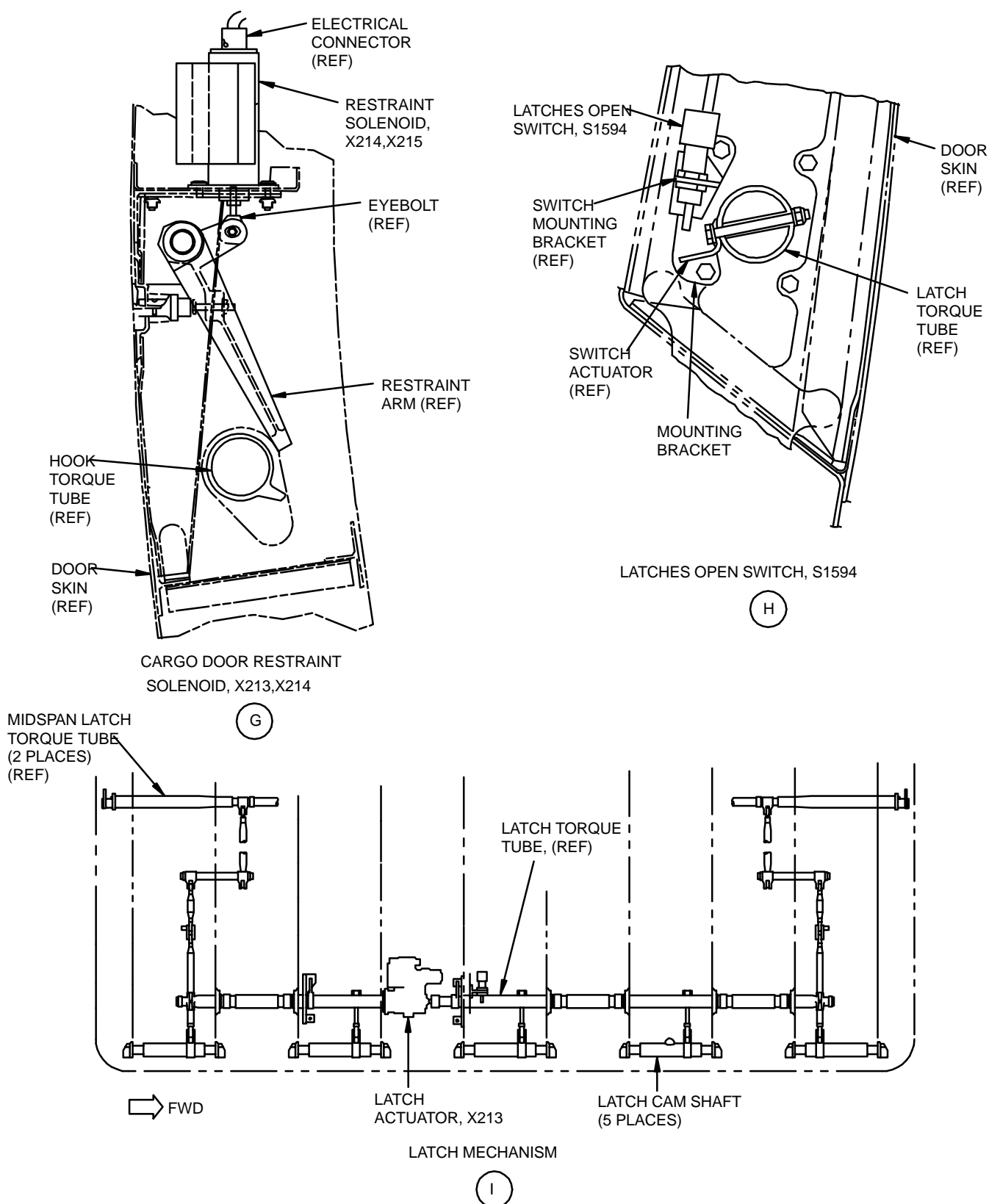


Side Cargo Door - Component Location (Details from Sht 1)
 Figure 102 (Sheet 3)

Figure 26 52-32 Side Cargo Door Comp. Location Fig. 102 (Sheet 3)

679259



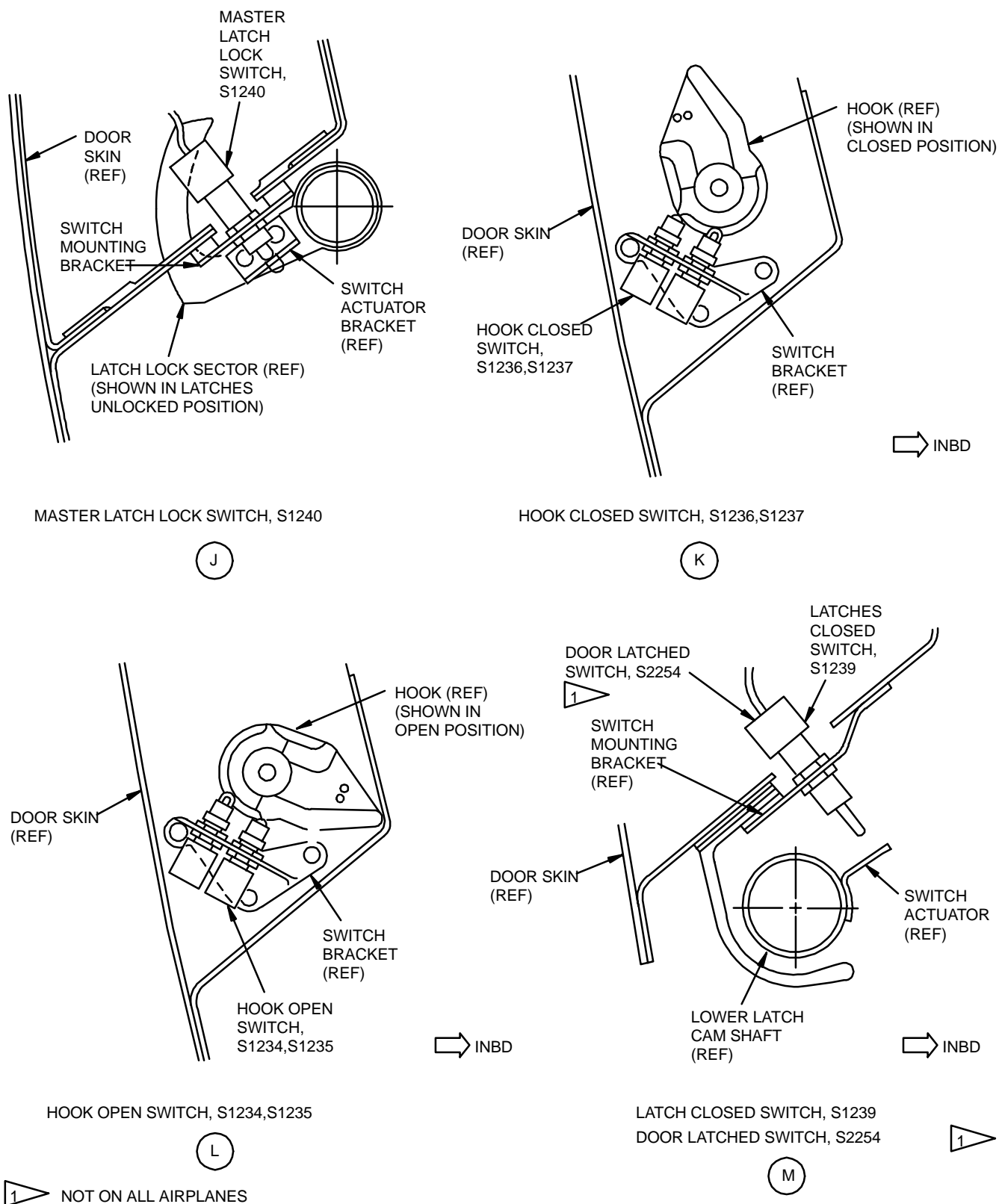


Side Cargo Door - Component Location (Details from Sht 1)
 Figure 102 (Sheet 4)

Figure 27 52-32 Side Cargo Door Comp. Location Fig. 102 (Sheet 4)

679269



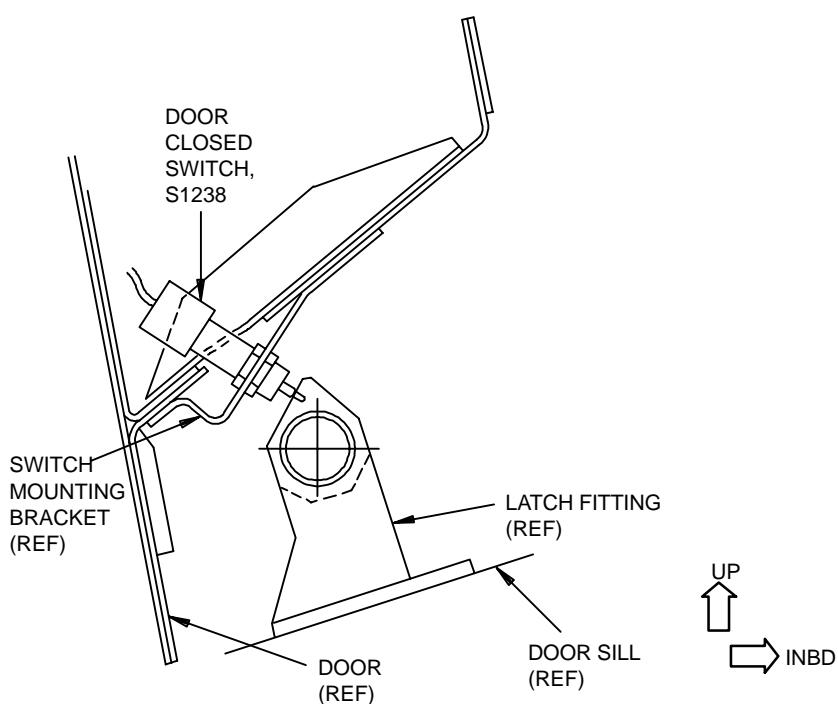


Side Cargo Door - Component Location (Details from Sht 1)
Figure 102 (Sheet 5)

Figure 28 52-32 Side Cargo Door Comp. Location Fig. 102 (Sheet 5)

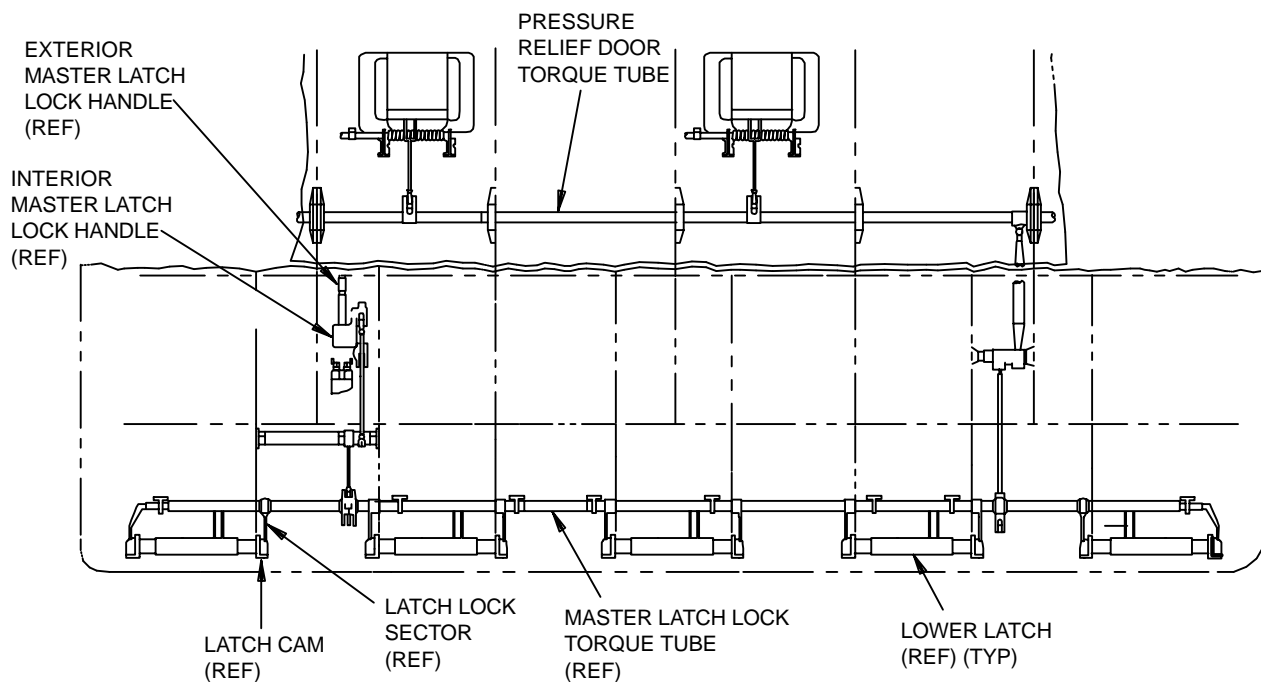
679287





DOOR CLOSED SWITCH, S1238

N



MASTER LATCH LOCK MECHANISM

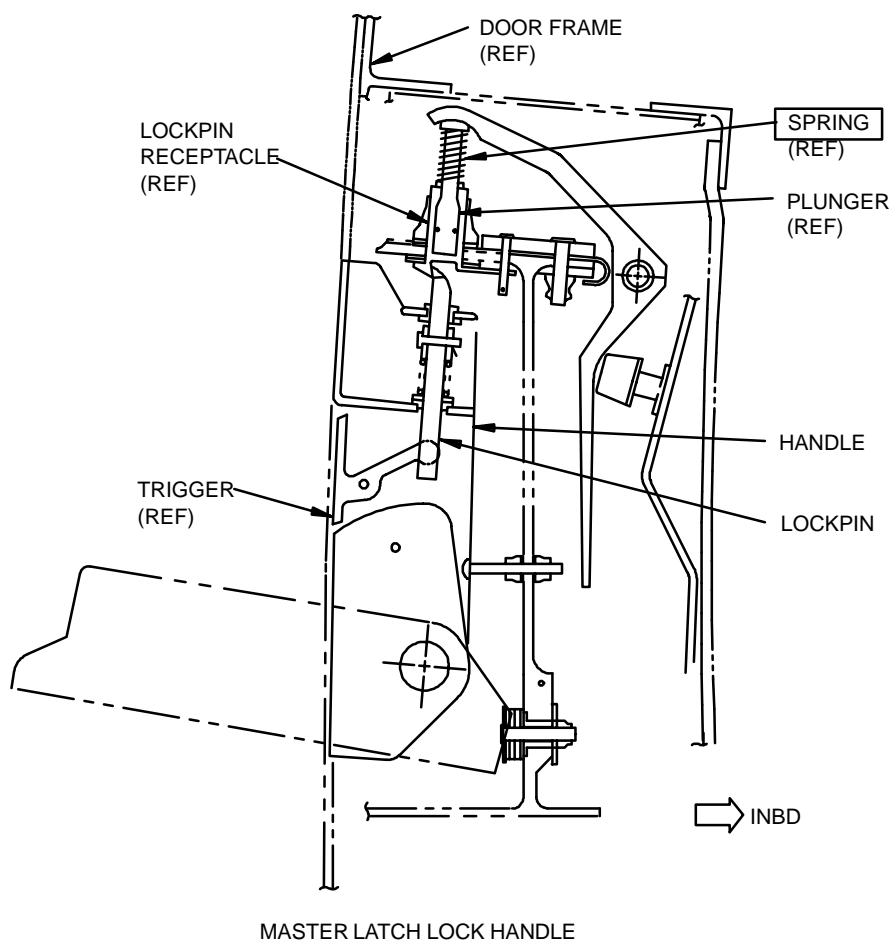
O

Side Cargo Door - Component Location (Details from Sht 1)

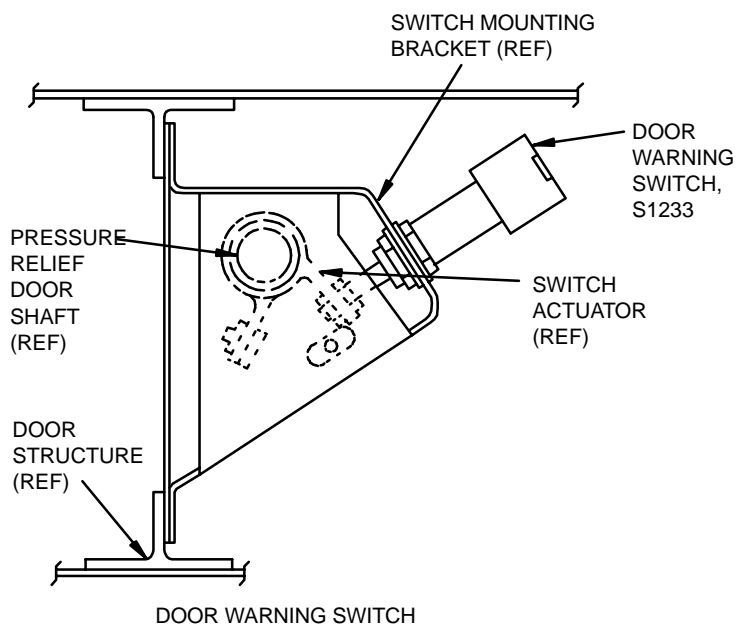
Figure 102 (Sheet 6)

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Figure 29 52-32 Side Cargo Door Comp. Location Fig. 102 (Sheet 6)



(P)



(Q)

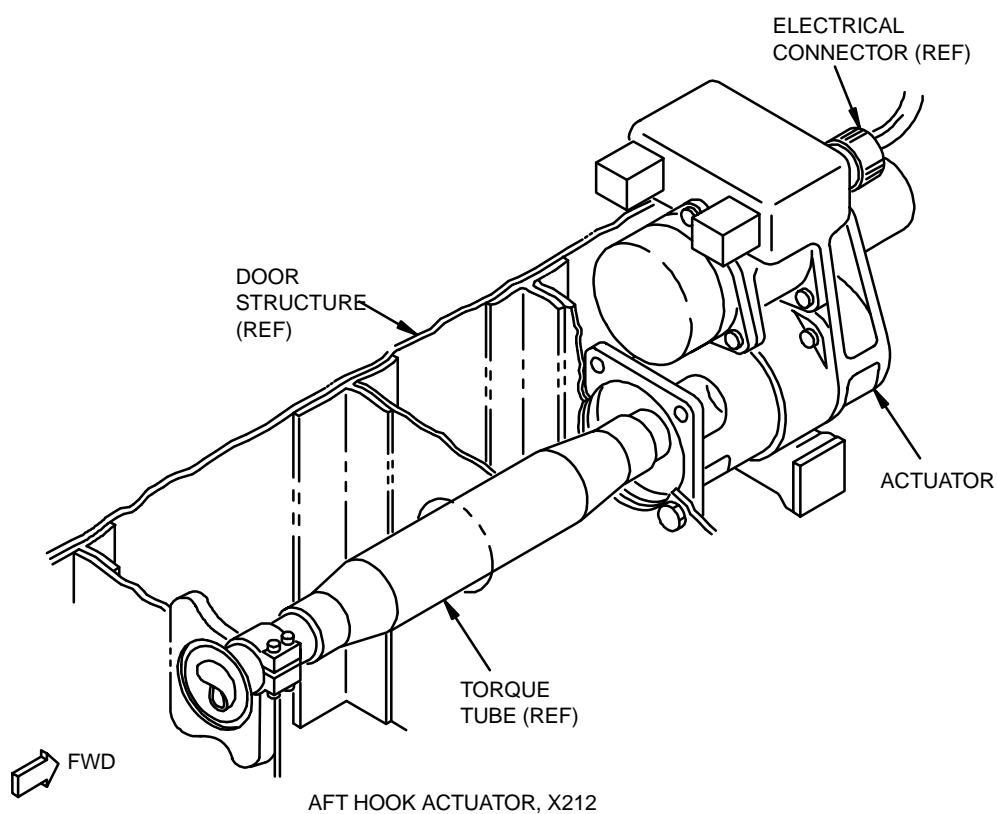
Side Cargo Door - Component Location (Details from Sht 1)

Figure 102 (Sheet 7)

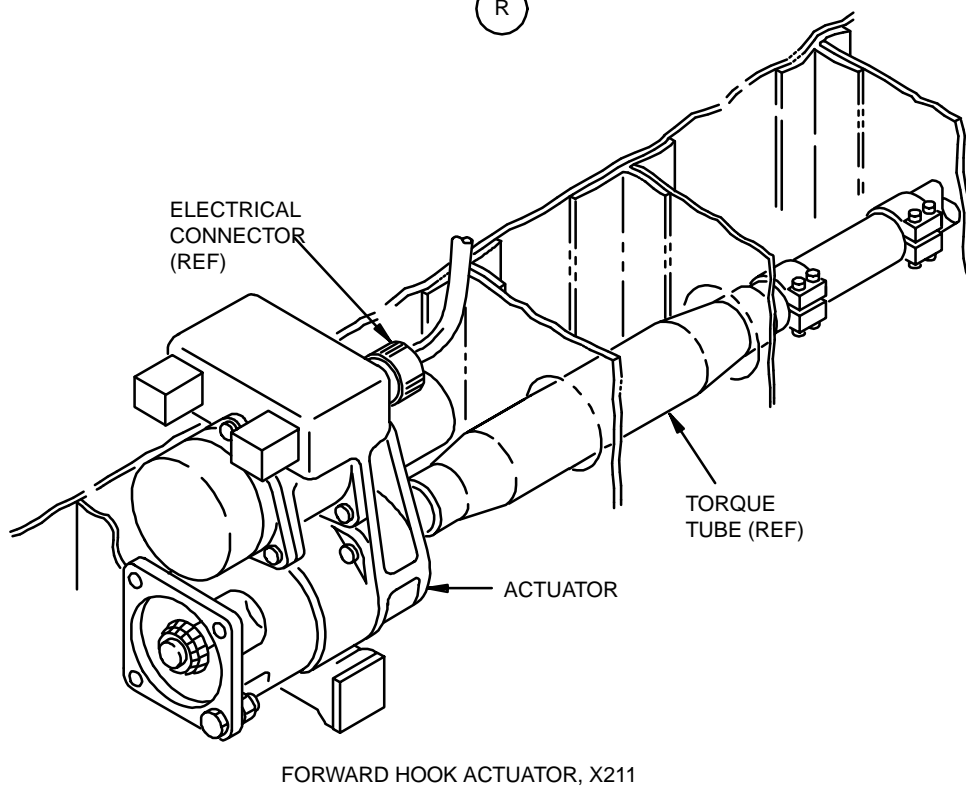
Figure 30 52-32 Side Cargo Door Comp. Location Fig. 102 (Sheet 7)

679429





(R)



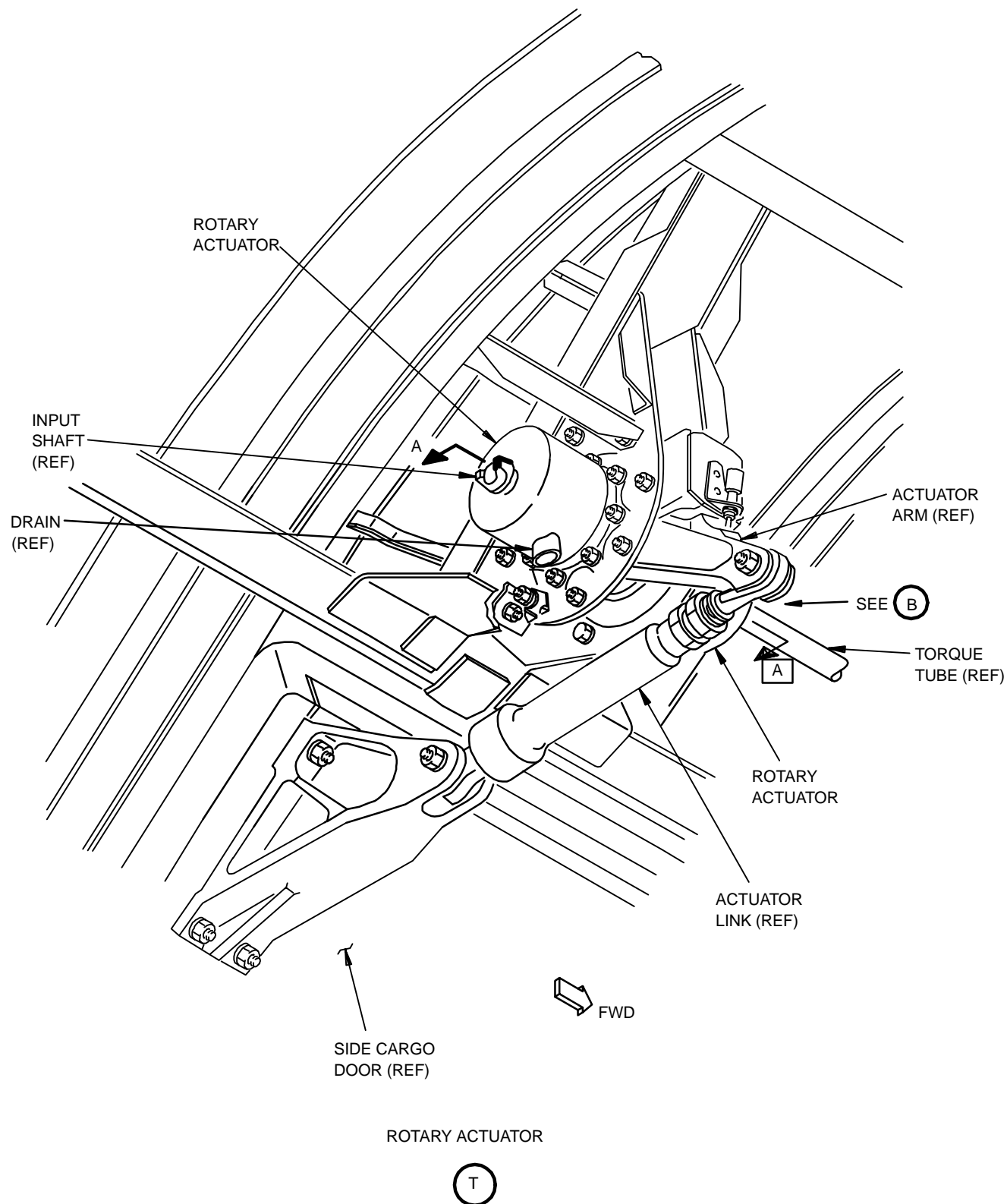
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Side Cargo Door - Component Location (Details from Sht 1)

Figure 102 (Sheet 8)

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Figure 31 52-32 Side Cargo Door Comp. Location Fig. 102 (Sheet 8)

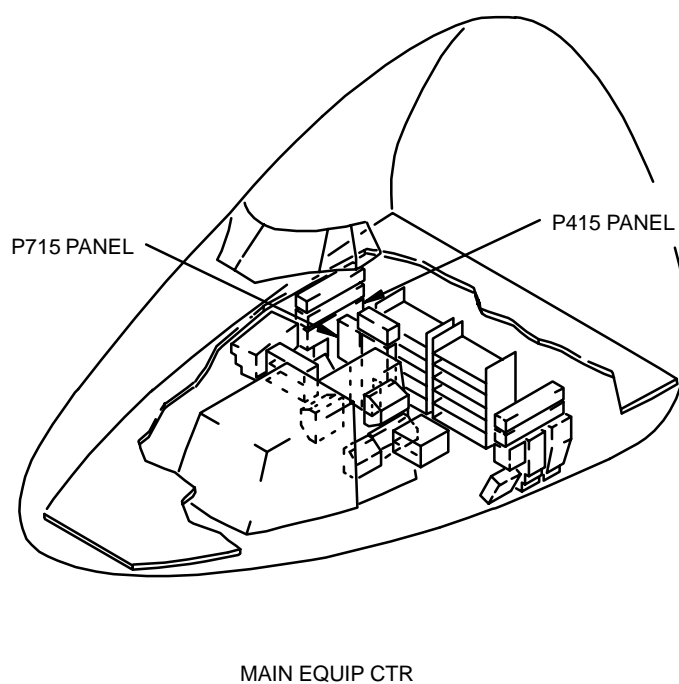
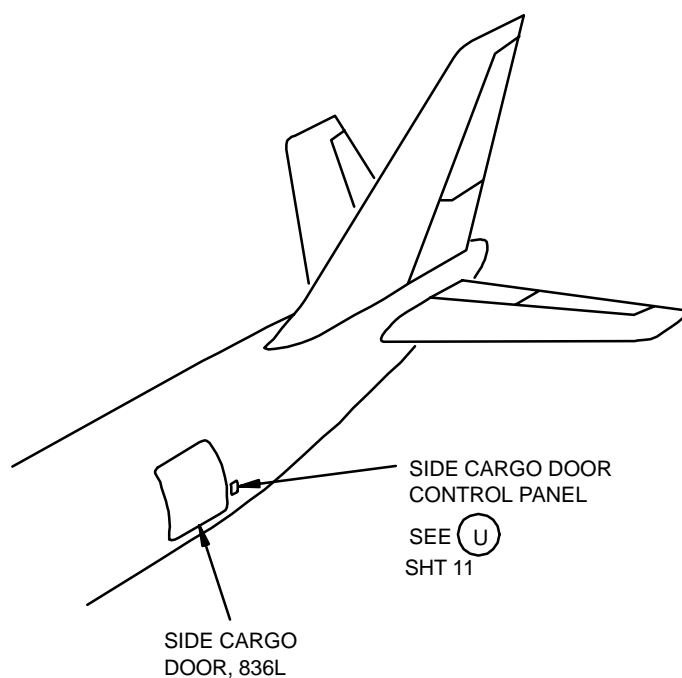


Side Cargo Door - Component Location (Details from Sht 1)

Figure 102 (Sheet 9)

Figure 32 52-32 Side Cargo Door Comp. Location Fig. 102 (Sheet 9)

679448

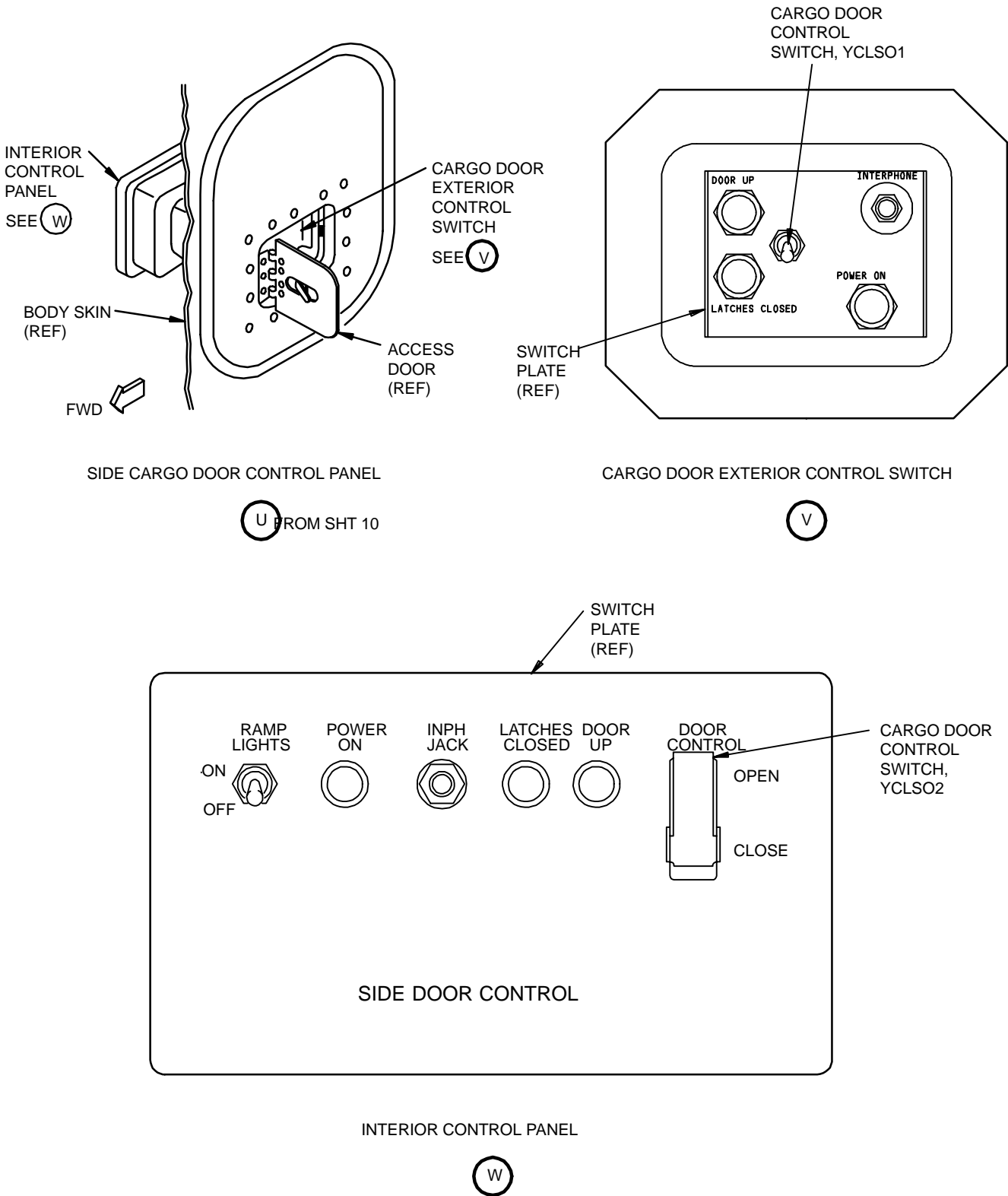


Side Cargo Door - Component Location
Figure 102 (Sheet 10)

Figure 33 52-32 Side Cargo Door Comp. Location Fig. 102 (Sheet 10)

679455





Side Cargo Door - Component Location
Figure 102 (Sheet 11)

Figure 34 52-32 Side Cargo Door Comp. Location Fig. 102 (Sheet 11)


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52-34 FORWARD / AFT LOWER CARGO DOORS

COMPONENT INDEX AND LOCATION

FORWARD CARGO DOOR

COMPONENT	FIG. 102 SHT	QTY	ACCESS/AREA	REFERENCE
ACTUATOR - ROTARY HOOK, YAAB01	4	1	821R, FORWARD CARGO DOOR	52-34-07
ACTUATOR - ROTARY LATCH, YAAB02	4	1	821R, FORWARD CARGO DOOR	52-34-06
POWER UNIT - LIFT MECHANISM - FWD CARGO DOOR, M471	2	1	821R, FORWARD CARGO COMPARTMENT	52-34-02
BOX - JUNCTION - LOWER CARGO DOOR - FWD, YAAJB1	1	1	821R, FORWARD CARGO DOOR	52-34-05
CIRCUIT BREAKERS -	6		117AL, MAIN EQUIP CTR, P414	
CARGO DOOR CONTROL FORWARD, C285		1	414F15	*
LOWER CARGO DOOR FORWARD, C814		1	414A21	*
DOOR - CARGO, 821R	6	1	821R, FORWARD CARGO DOOR	52-34-01
DOOR - PRESSURE RELIEF, 821BR,821ER	2	2	821R, FORWARD CARGO DOOR	52-34-04
HANDLE - MASTER LATCH LOCK	7	1	821R, FORWARD CARGO DOOR	52-34-12
RELAY - HOOK POSITION, YAAK01	-	1	821R, FORWARD CARGO DOOR	*
SOLENOID - ELECTRIC CARGO DOOR RESTRAINT, YAAL01	5	1	821R, FORWARD CARGO DOOR	52-34-1 1
SPRING - HOOK RETURN	5	1	821R, FORWARD CARGO DOOR	52-34-20
SWITCH - FWD CARGO DOOR CONTROL, M710	7	1	122ARR, EXT FWD CARGO DOOR CONT	52-34-10
SWITCH - FWD CARGO DOOR, S787		1	821R, FORWARD CARGO COMPARTMENT	*
SWITCH - DOOR CLOSE, YAAS07	3	1	821R, FORWARD CARGO DOOR	52-34-09
SWITCH - FORWARD CARGO COMPARTMENT - DOOR UP, S301	2	1	821R, FORWARD CARGO DOOR	52-34-09
SWITCH - HOOK CLOSE, YAAS08	3	1	821R, FORWARD CARGO DOOR	52-34-09
SWITCH - HOOK POSITION, YAAS05	5	1	821R, FORWARD CARGO DOOR	52-34-09
SWITCH - LATCH CLOSED, YAAS04	3	1	821R, FORWARD CARGO DOOR	52-34-09
SWITCH - LATCH OPEN, YAAS10 	7	1	821R, FORWARD CARGO DOOR	52-34-09
SWITCH - MASTER LATCH LOCK, YAAS02	3	1	821R, FORWARD CARGO DOOR	52-34-09
SWITCH - FWD MIDSPAN LATCH OPEN, YAAS06	2	1	821R, FORWARD CARGO DOOR	52-34-09
SWITCH - AFT MIDSPAN LATCH OPEN, YAAS09	2	1	821R, FORWARD CARGO DOOR	52-34-09

* SEE THE WDM EQUIPMENT LIST

 AIRPLANES WITH LATCH OPEN SWITCH


Forward Cargo Door - Component Index
Figure 101 (Sheet 1)

Figure 35 52-34 Forward Cargo Door Comp. Location Fig. 101 (Sheet 1)

722089



AFT CARGO DOOR

COMPONENT	FIG. 102 SHT	QTY	ACCESS/AREA	REFERENCE
ACTUATOR - ROTARY HOOK, YABB01	4	1	822R, AFT CARGO DOOR	52-34-07
ACTUATOR - ROTARY LATCH, YABB02	4	1	822R, AFT CARGO DOOR	52-34-06
POWER UNIT - LIFT MECHANISM - AFT CARGO DOOR, M453	2	1	822R, AFT CARGO COMPARTMENT	52-34-02
BOX - JUNCTION - LOWER CARGO DOOR - AFT, YABJB1	1	1	822R, AFT CARGO DOOR	52-34-05
CIRCUIT BREAKERS - AFT CARGO DOOR POWER UNITS, C815	6	1	AFT CARGO COMPT, P59	*
CIRCUIT BREAKERS - CARGO DOOR CONTROL AFT, C288	6	1	117AL, MAIN EQUIP CTR, P414	*
DOOR - CARGO, 822R	6	1	822R, AFT CARGO DOOR	52-34-01
DOOR - PRESSURE RELIEF, 822BR, 822ER	2	2	822R, AFT CARGO DOOR	52-34-04
HANDLE - MASTER LATCH LOCK	7	1	822R, AFT CARGO DOOR	52-34-12
RELAY - HOOK POSITION, YABK01	-	1	822R, AFT CARGO DOOR	*
SOLENOID - ELECTRIC CARGO DOOR RESTRAINT, YABL01	5	1	822R, AFT CARGO DOOR	52-34-1 1
SPRING - HOOK RETURN	5	1	822R, AFT CARGO DOOR	52-34-20
SWITCH - AFT CARGO DOOR CONTROL, M712	7	1	142ARR, EXT AFT CARGO DOOR CONT	52-34-10
SWITCH - AFT CARGO DOOR, S788		1	822R, AFT CARGO COMPARTMENT	*
SWITCH - DOOR CLOSE, YABS07	3	1	822R, AFT CARGO DOOR	52-34-09
SWITCH - AFT CARGO COMPARTMENT - DOOR UP, S302	2	1	822R, AFT CARGO DOOR	52-34-09
SWITCH - HOOK CLOSE, YABS08	3	1	822R, AFT CARGO DOOR	52-34-09
SWITCH - HOOK POSITION, YABS05	5	1	822R, AFT CARGO DOOR	52-34-09
SWITCH - LATCH CLOSED, YABS04	3	1	822R, AFT CARGO DOOR	52-34-09
SWITCH - LATCH OPEN, YABS10 	7	1	822R, AFT CARGO DOOR	52-34-09
SWITCH - MASTER LATCH LOCK, YABS02	3	1	822R, AFT CARGO DOOR	52-34-09
SWITCH - FWD MIDSPAN LATCH OPEN, YABS06	2	1	822R, AFT CARGO DOOR	52-34-09
SWITCH - AFT MIDSPAN LATCH OPEN, YABS09	2	1	822R, AFT CARGO DOOR	52-34-09

* SEE THE WDM EQUIPMENT LIST

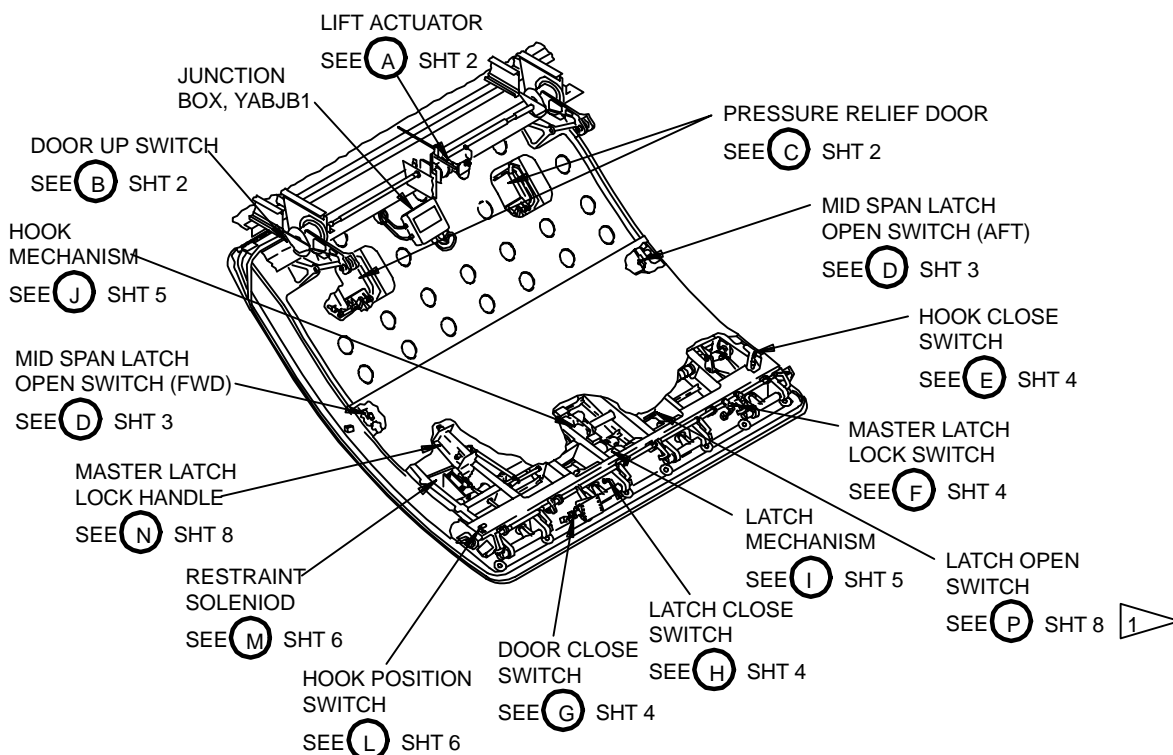
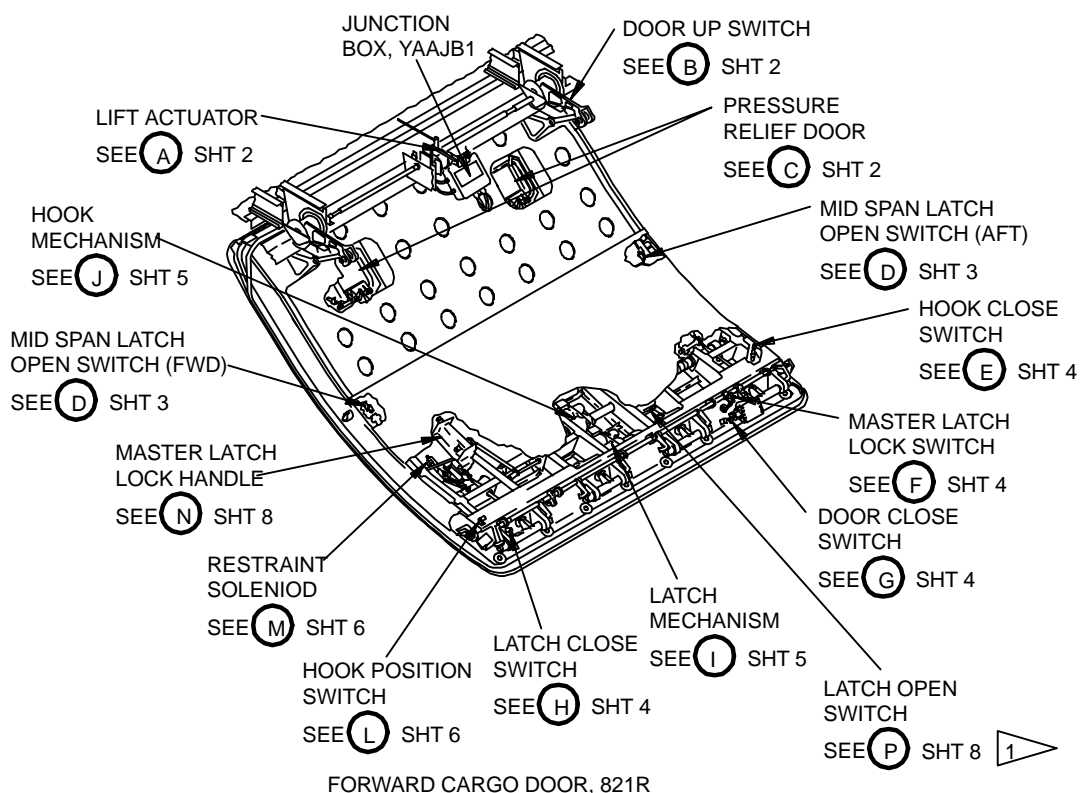
 AIRPLANES WITH LATCH OPEN SWITCH

Aft Cargo Door - Component Index
Figure 101 (Sheet 2)

Figure 36 52-34 Aft Cargo Door comp. Location Fig. 101 (Sheet 2)

790654





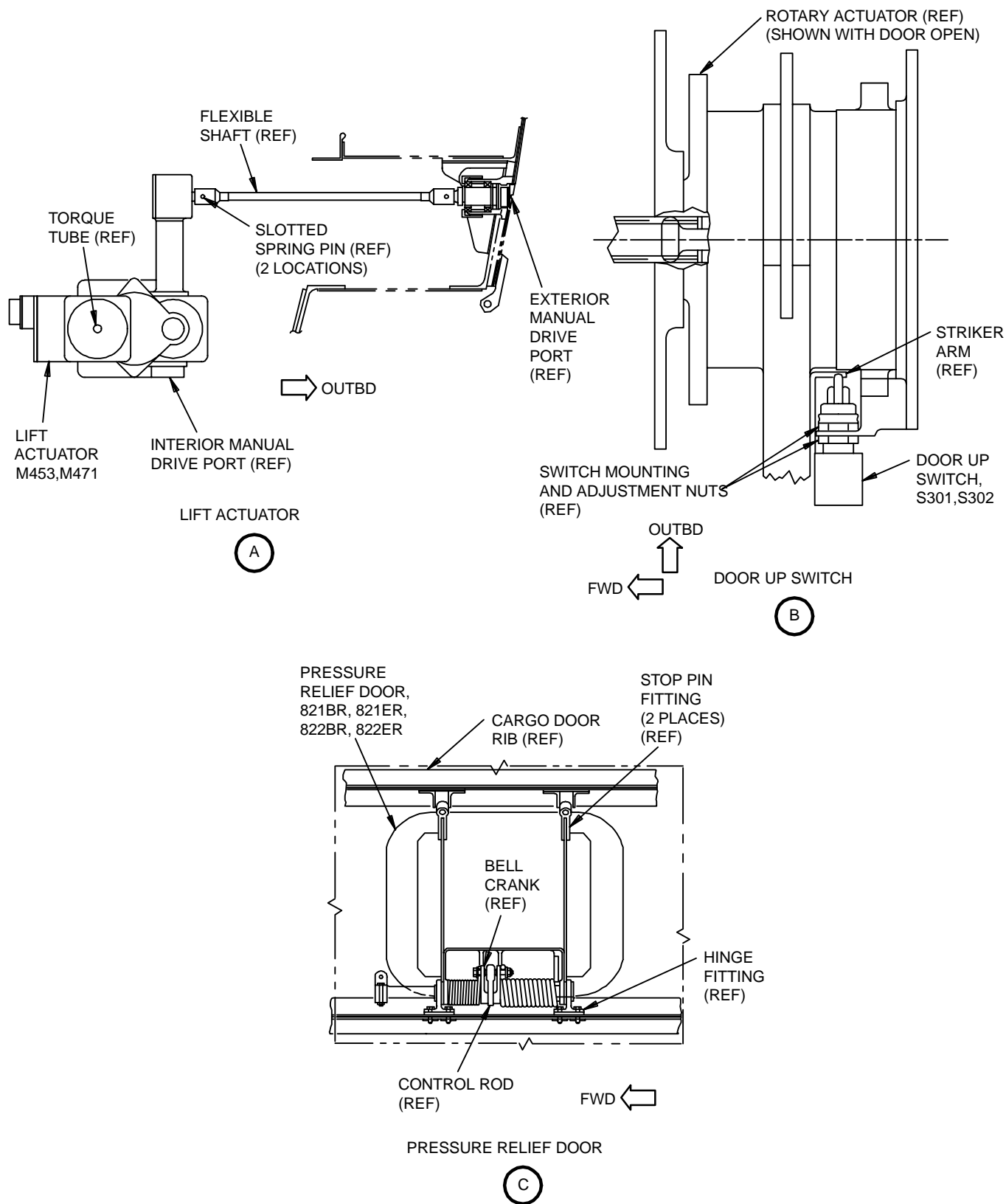
1 AIRPLANES WITH LATCH OPEN

Forward/Aft Cargo Doors - Component Location
Figure 102 (Sheet 1)

Figure 37 52-34 Forward/Aft Cargo Doors Comp. Location Fig. 102 (Sheet 1)

721522



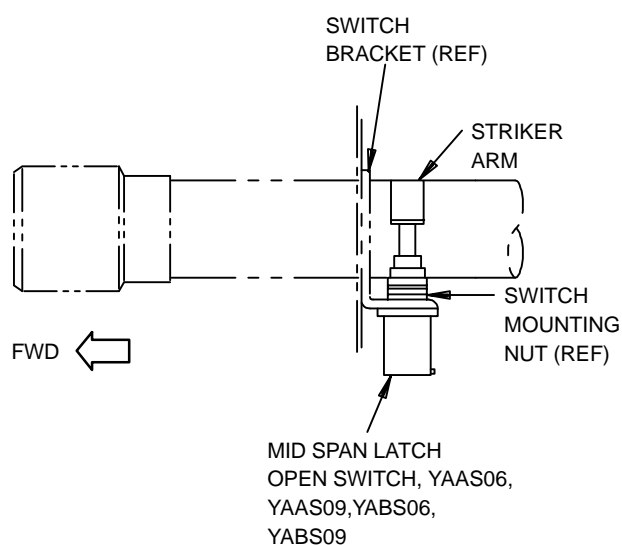


Forward/Aft Cargo Doors - Component Location (Details from Sht 1)
Figure 102 (Sheet 2)

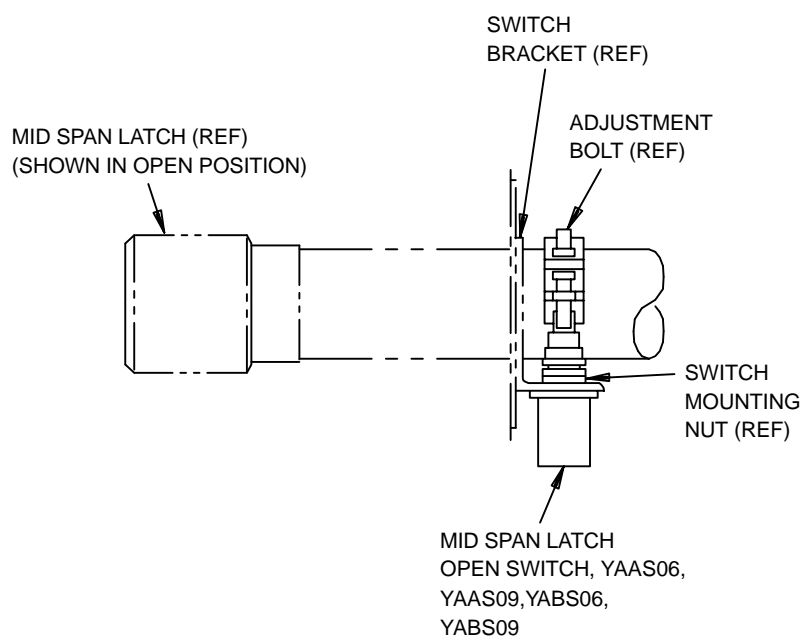
Figure 38 52-34 Forward/Aft Cargo Doors Comp. Location Fig. 102 (Sheet 2)

721533





MIDSPAN LATCH OPEN SWITCH



MIDSPAN LATCH OPEN SWITCH



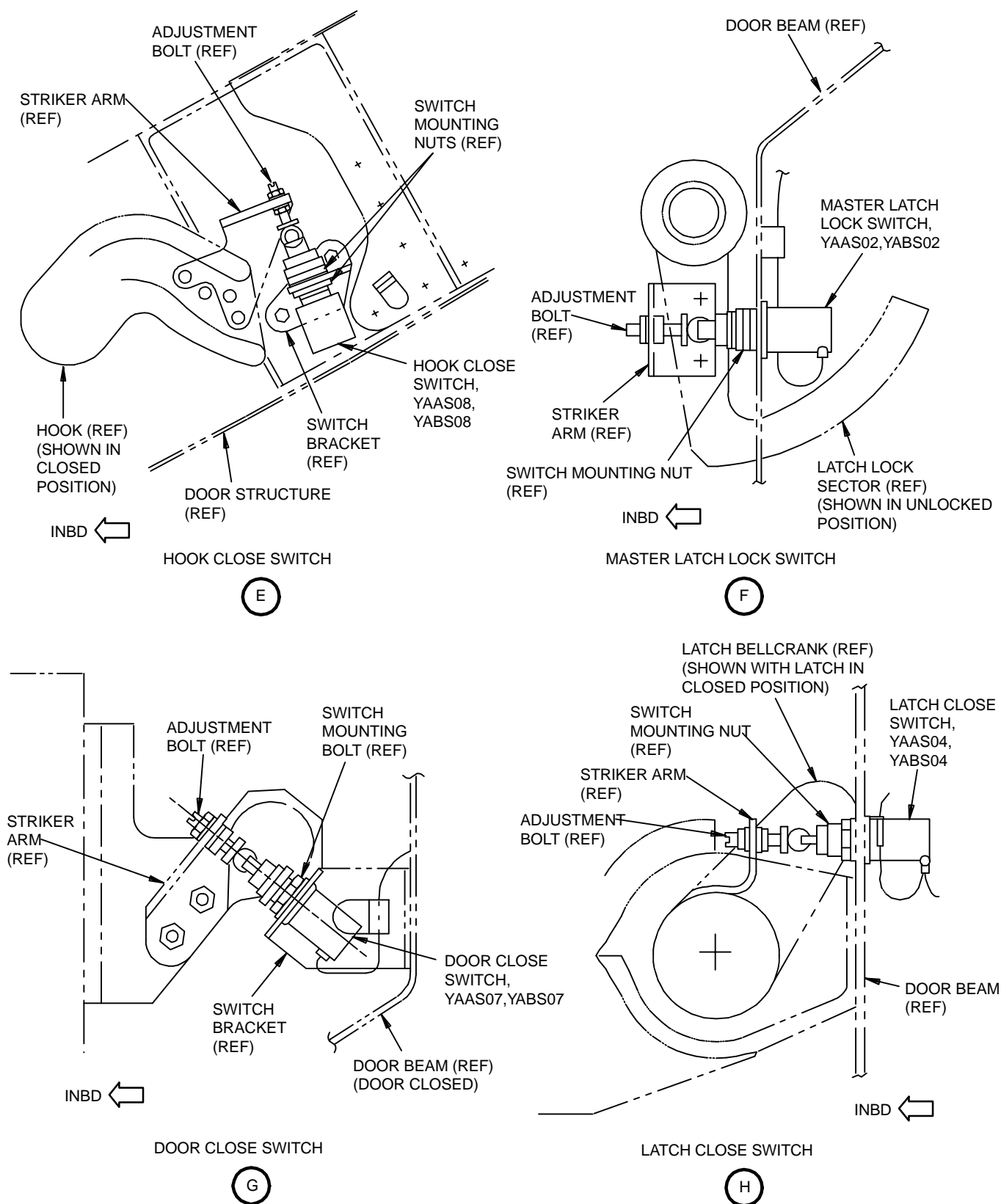
- 1 AIRPLANES WITH LATCH OPEN SWITCH
 2 ALL EXCEPT 1

Forward/Aft Cargo Doors - Component Location (Details for Sheet 1)

Figure 102 (Sheet 3)

721562

Figure 39 52-34 Forward/Aft Cargo Doors Comp. Location Fig. 102 (Sheet 3)

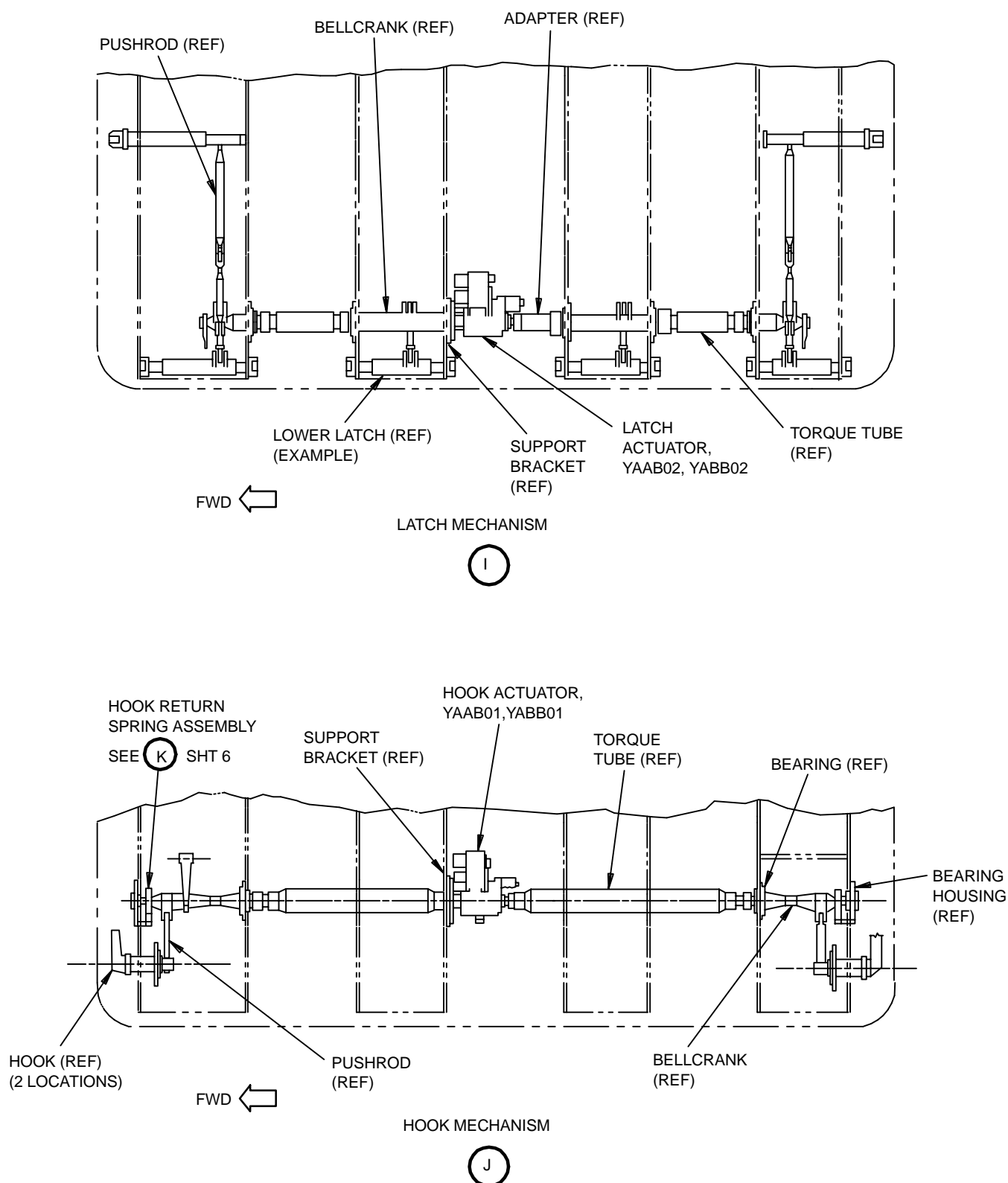


Forward/Aft Cargo Doors - Component Location (Details from Sht 1)
Figure 102 (Sheet 4)

Figure 40 52-34 Forward/Aft Cargo Doors Comp. Location Fig. 102 (Sheet 4)

721564



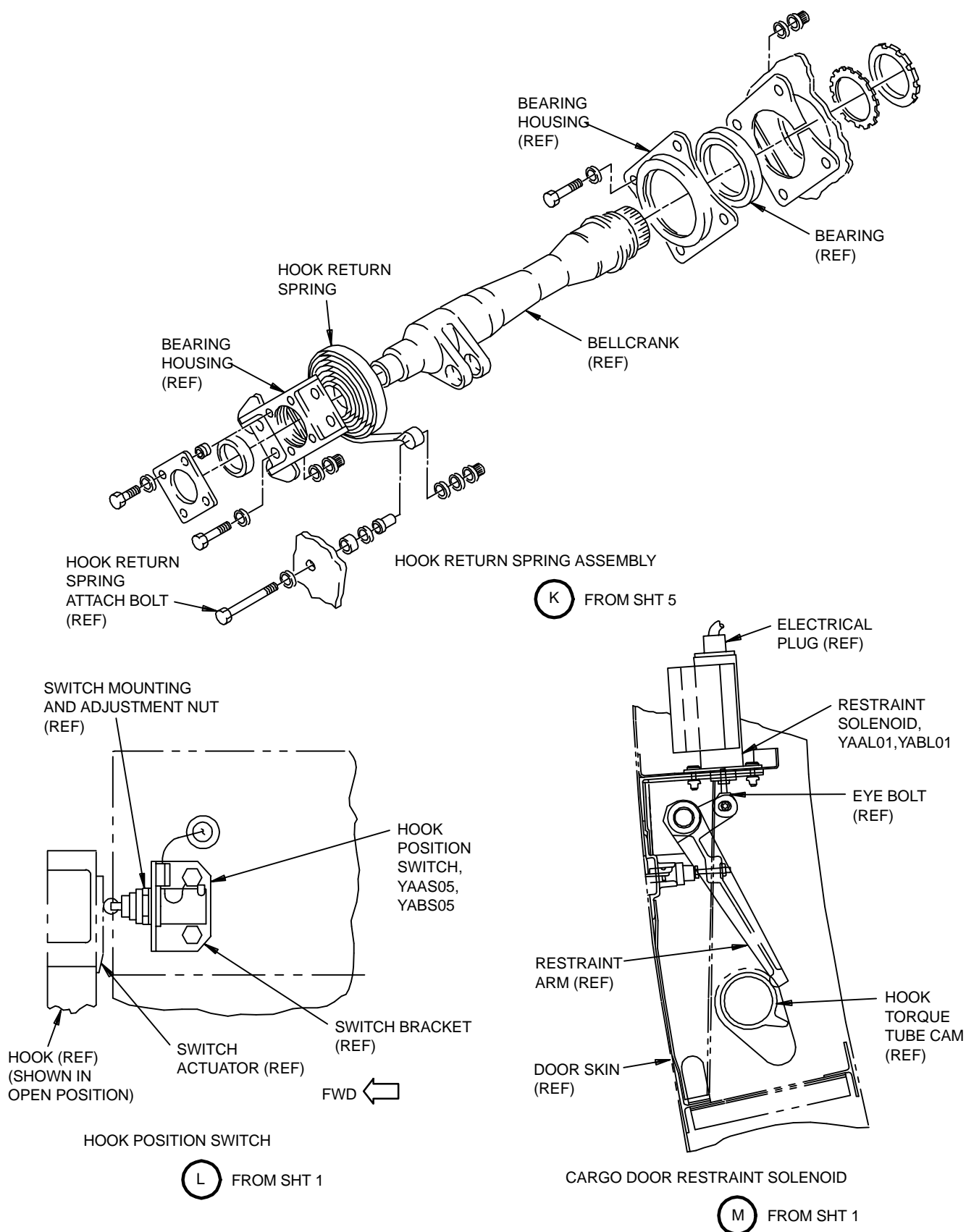


Forward/Aft Cargo Doors - Component Location (Details from Sht 1)

Figure 102 (Sheet 5)

721566

Figure 41 52-34 Forward/Aft Cargo Doors Comp. Location Fig. 102 (Sheet 5)



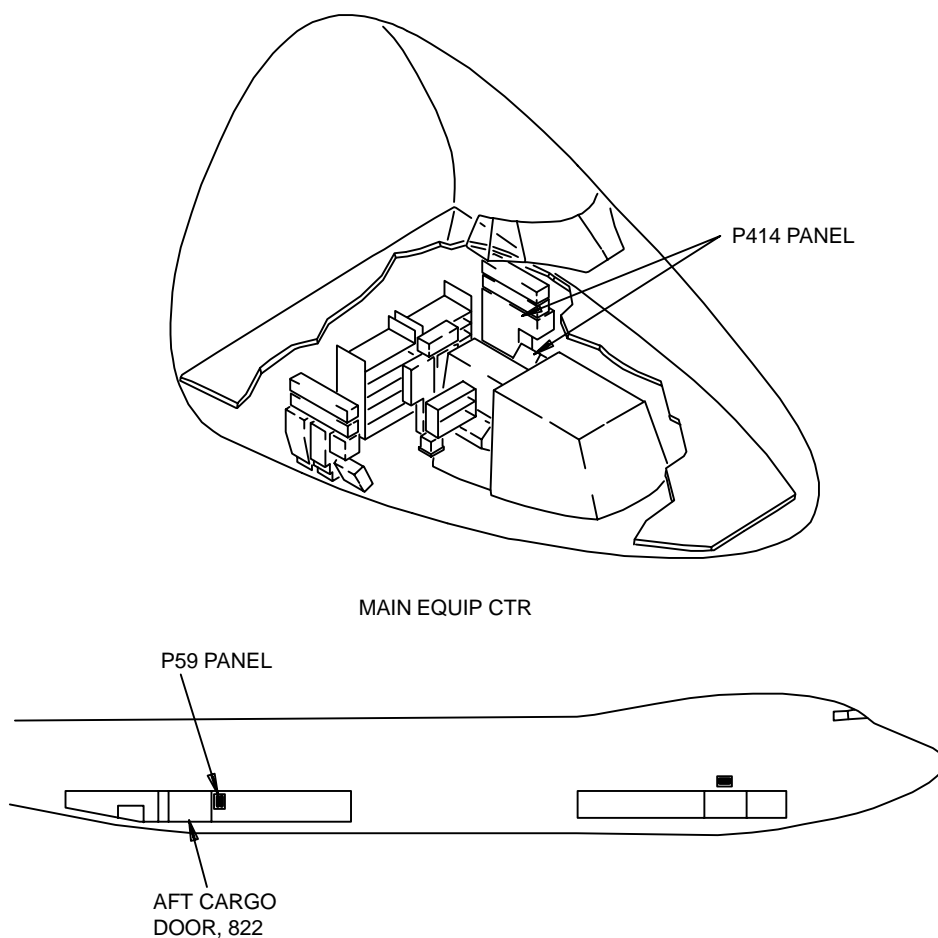
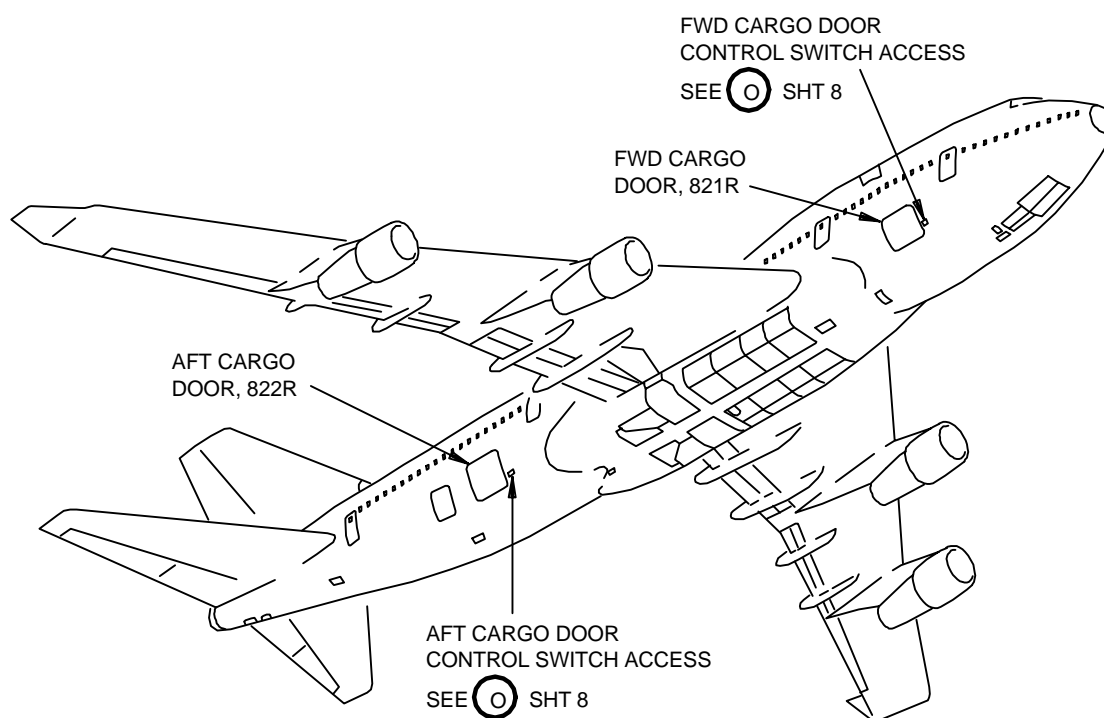
Forward/Aft Cargo Doors - Component Location

Figure 102 (Sheet 6)

721568

Figure 42 52-34 Forward/Aft Cargo Doors Comp. Location Fig. 102 (Sheet 6)



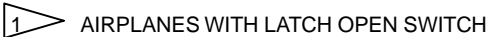


Forward/Aft Cargo Doors - Component Location

Figure 102 (Sheet 7)

721590

Figure 43 52-34 Forward/Aft Cargo Doors Comp. Location Fig. 102 (Sheet 7)



Forward/Aft Cargo Doors - Component Location
Figure 102 (Sheet 8)

Figure 44 52-34 Forward/Aft Cargo Doors Comp. Location Fig. 102 (Sheet 8)

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52-51 FLIGHT COMPARTMENT DOOR

COMPONENT INDEX AND LOCATION



FLIGHT COMPARTMENT DOOR

COMPONENT	FIG. 102 SHT	QTY	ACCESS/AREA	REFERENCE
CIRCUIT BREAKER - FLT DK DOOR, C1081	1	1	FLIGHT COMPARTMENT, P6 6D21	*
DIODE AND CAPACITOR - FLIGHT COMPARTMENT DOOR LATCH, TB225	1	1	FLIGHT COMPARTMENT DOORPOST	52-51-04
DOOR - FLIGHT COMPARTMENT	1	1	FLIGHT COMPARTMENT	52-51-01
LATCH - FLIGHT COMPARTMENT DOOR	1	1	FLIGHT COMPARTMENT DOORPOST	52-51-02
LOCK - FLIGHT COMPARTMENT DOOR	1	1	FLIGHT COMPARTMENT DOOR	52-51-06
SOLENOID - FLIGHT COMPARTMENT DOOR LATCH, M702	1	1	FLIGHT COMPARTMENT DOORPOST	52-51-02
SWITCH - FLIGHT COMPARTMENT DOOR RELEASE, S3	1	1	PASS. SIGNS CONTROL PANEL, M7332	*

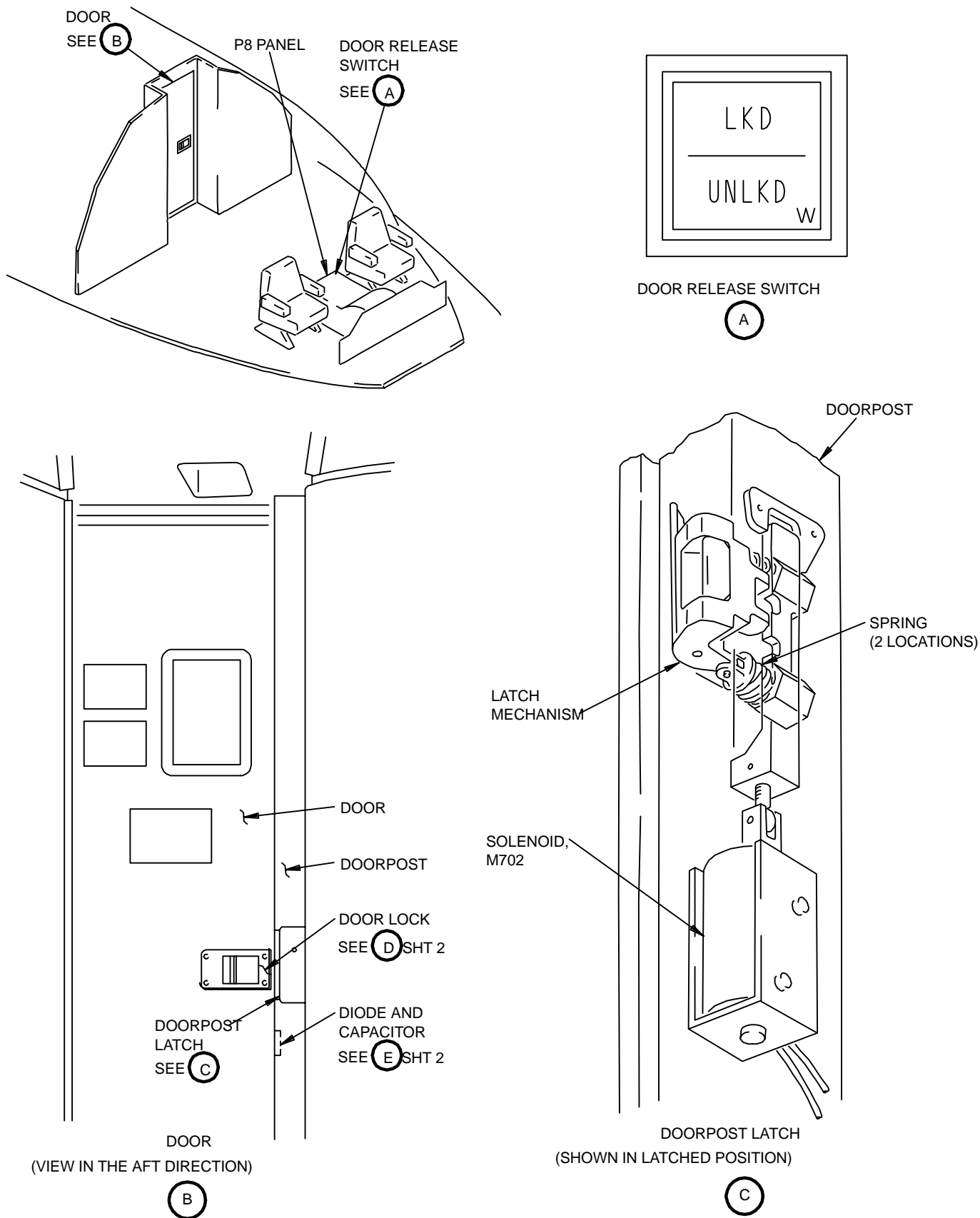
* SEE THE WDM EQUIPMENT LIST

Flight Compartment Door - Component Index
Figure 101

Figure 45 52-51 Flight Compartment Door Comp. Index Fig. 101

584735





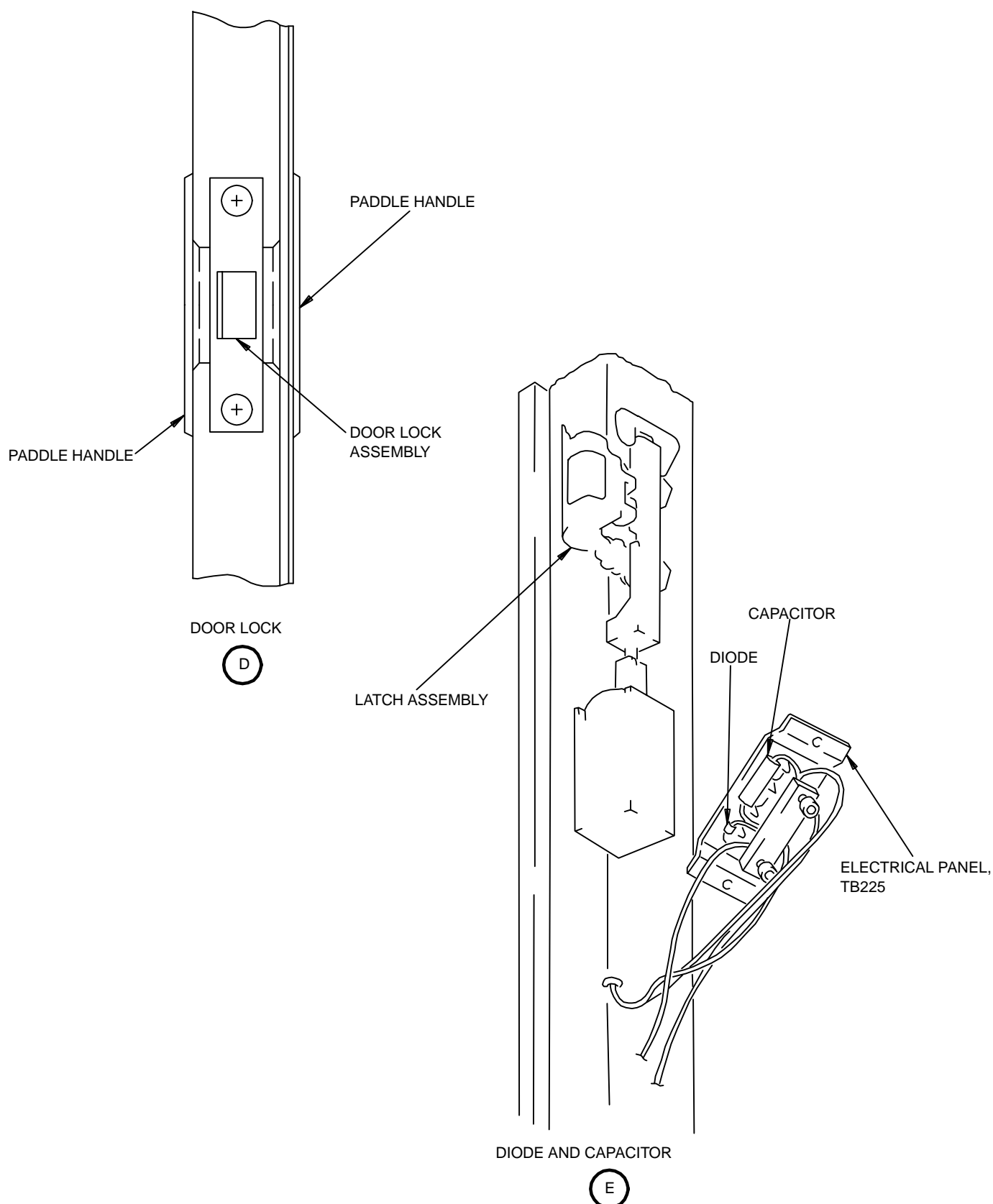
Flight Compartment Door - Component Location

Figure 102 (Sheet 1)

580371

Figure 46 52-51 Flight Compartment Door Comp. Location Fig. 102 (Sheet 1)





Flight Compartment Door - Component Location (Details From Sht 1)

Figure 102 (Sheet 2)

Figure 47 52-51 Flight Compartment Door Comp. Location Fig. 102 (Sheet 2)

580382












52-71 DOOR WARNING SYSTEM

COMPONENT INDEX AND LOCATION



DOOR WARNING SYSTEM

COMPONENT	FIG. 102 SHT	QTY	ACCESS/AREA	REFERENCE
SWITCH - AFT CARGO DOOR WARNING, YABS03	1	1	822R, AFT CARGO DOOR	52-71-01
SWITCH - DOOR LATCHED, AFT CARGO DOOR, YABS11 	2	1	822R, AFT CARGO DOOR	52-71-01
SWITCH - DOOR LATCHED, FORWARD CARGO DOOR, YAAS11 	2	1	821R, FORWARD CARGO DOOR	52-71-01
SWITCH - BULK CARGO DOOR, S43	1	1	823R, BULK CARGO DOOR	52-71-01
SWITCH - CENTER ELECTRONIC EQUIPMENT ACCESS DOOR WARNING, S616	3	1	125B, CENTER EQUIP CTR ACCESS DOOR	52-71-01
SWITCH - FORWARD CARGO DOOR WARNING, YAAS03	1	1	821R, FORWARD CARGO DOOR	52-71-01
SWITCH - DOOR CLOSED, AFT CARGO DOOR, YAAS07 	2	1	822R, AFT CARGO DOOR	52-71-01
SWITCH - DOOR CLOSED, FORWARD CARGO DOOR, YABS07 	2	1	821R, FORWARD CARGO DOOR	52-71-01
SWITCH - MAIN ELECTRONIC EQUIPMENT ACCESS DOOR WARNING, S44	3	1	117AL, MAIN EQUIP CTR ACCESS DOOR	52-71-01
SWITCH - MAIN ENTRY DOOR 5	4		835,845, LEFT AND RIGHT MAIN ENTRY DOORS 5	52-71-01
S33 LH		1		
S38 RH		1		
SWITCH - MAIN ENTRY DOOR 1-4	4		831-834,841-844, LEFT AND RIGHT MAIN ENTRY DOORS 1-4	52-71-01
LH DOOR 1, S29		1		
LH DOOR 2, S30		1		
LH DOOR 3, S31		1		
LH DOOR 4, S32		1		
RH DOOR 1, S34		1		
RH DOOR 2, S35		1		
RH DOOR 3, S36		1		
RH DOOR 4, S37		1		
SWITCH - SIDE CARGO DOOR WARNING, S1233 	4	1	836L MAIN DECK CARGO DOOR	52-71-01
SWITCH - DOOR LATCHED, SIDE CARGO DOOR, S2254  	6	1	836L MAIN DECK CARGO DOOR	52-71-01
SWITCH - DOOR CLOSED, SIDE CARGO DOOR, S1238  	6	1	836L MAIN DECK CARGO DOOR	52-71-01
SWITCH - UPPER DECK DOOR WARNING	4		666,714, LEFT AND RIGHT UPPER DECK DOORS	52-71-01
LH, S1170		1		
RH, S39		1		

 AIRPLANES WITH SIDE CARGO DOOR

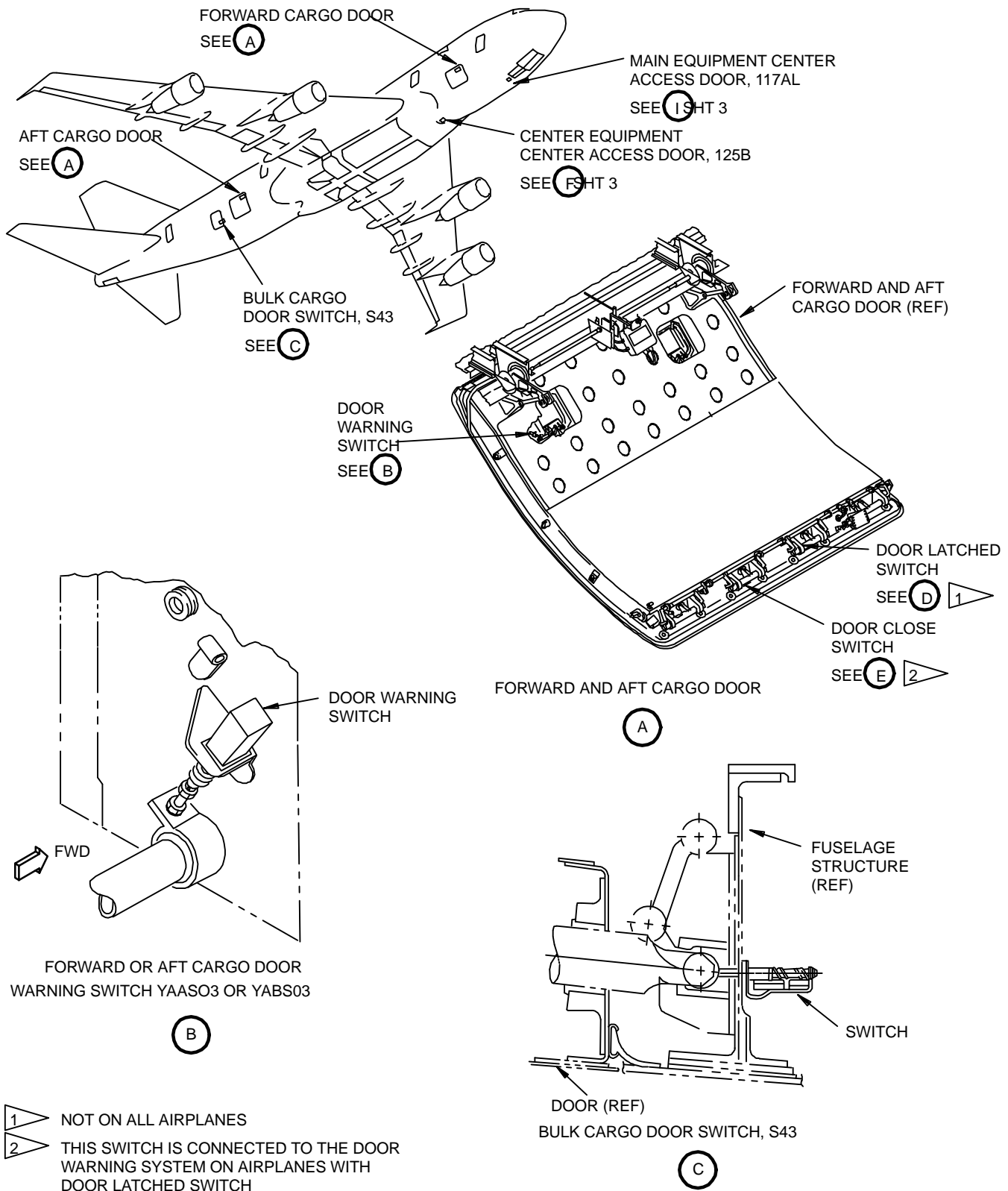
 AIRPLANES WITH DOOR LATCHED SWITCH

Door Warning System - Component Index
Figure 101

Figure 48 52-71 Door Warning System Comp. Index Fig. 101

610796



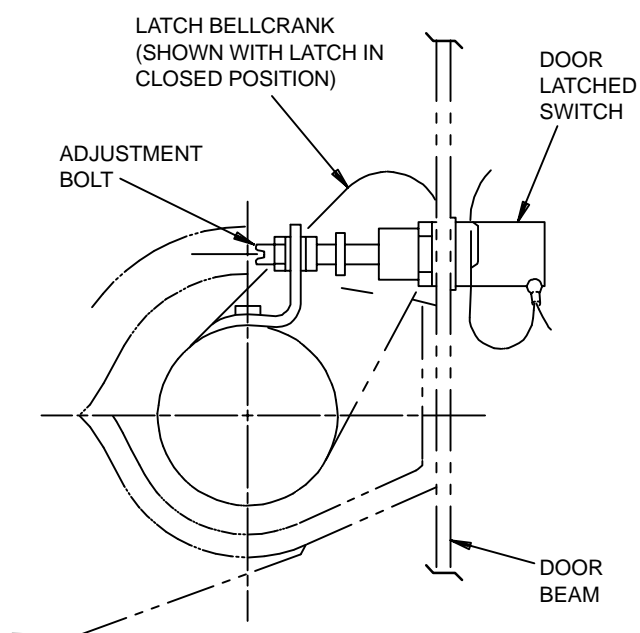


Door Warning System Component Location
Figure 102 (Sheet 1)

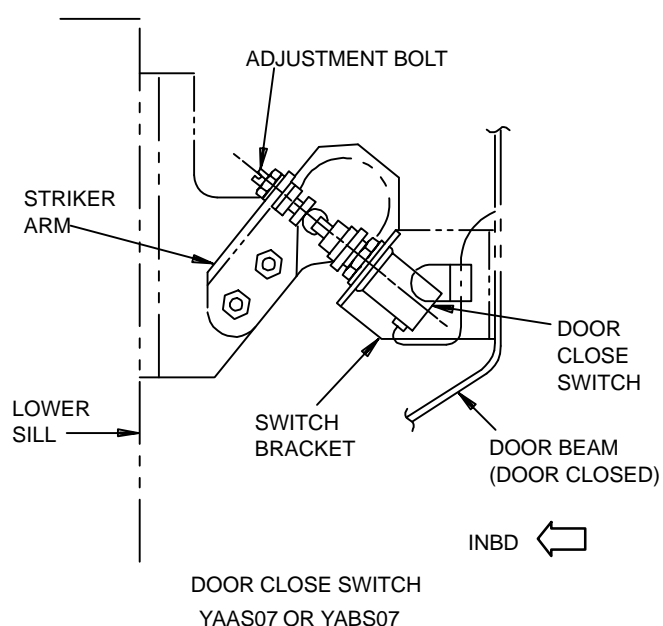
Figure 49 52-71 Door Warning System Comp. Location Fig. 102 (Sheet 1)

579958





DOOR LATCHED SWITCH
YAAS11 OR YABS11



DOOR CLOSE SWITCH
YAAS07 OR YABS07



- 1 NOT ON ALL AIRPLANES
- 2 THIS SWITCH IS CONNECTED TO THE DOOR WARNING SYSTEM ON AIRPLANES WITH DOOR LATCHED SWITCH

Door Warning System Component Location

Figure 102 (Sheet 2)

795829

Figure 50 52-71 Door Warning System Comp. Location Fig. 102 (Sheet 2)



CENTER ELECTRONIC
EQUIPMENT ACCESS DOOR
WARNING SWITCH, S616

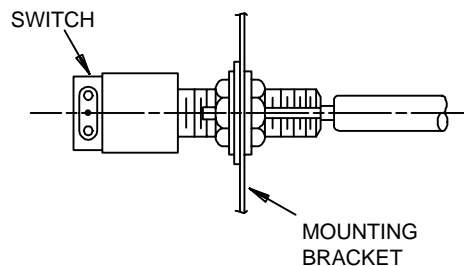
SEE (G)

OUTER
DOOR
SKIN (REF)

FWD

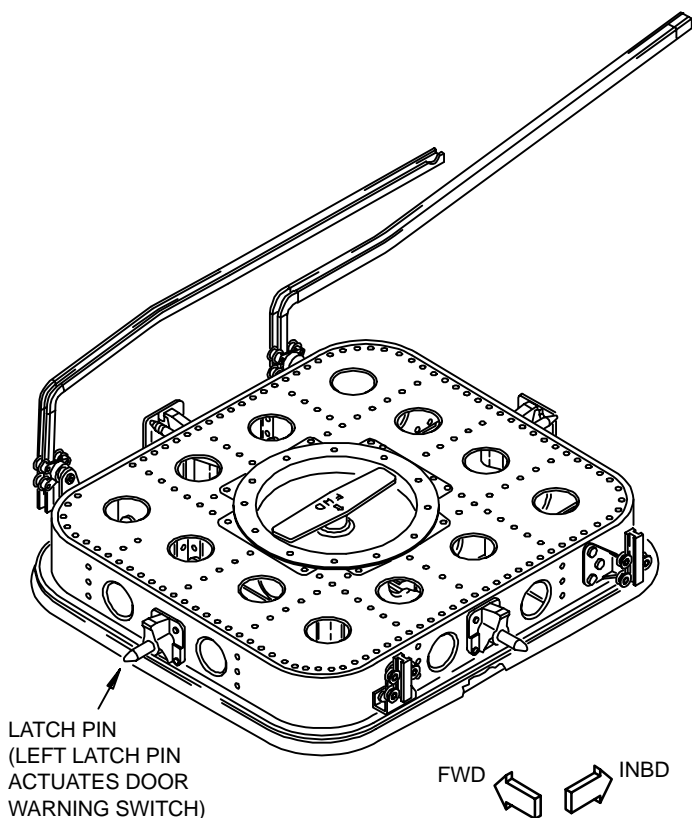
CENTER EQUIPMENT CENTER ACCESS DOOR, 125B

(F) FROM SHT 1



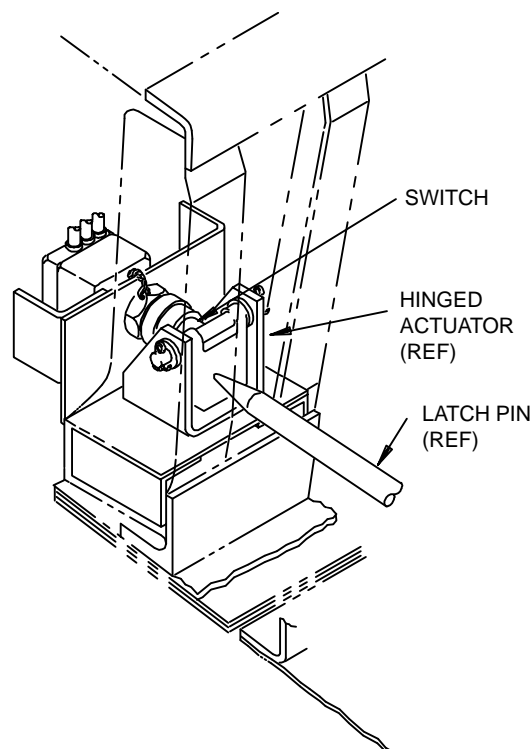
CENTER ELECTRONIC EQUIPMENT
ACCESS DOOR WARNING SWITCH

(G)



MAIN ELECTRONIC EQUIPMENT
ACCESS DOOR

(H) FROM SHT 1



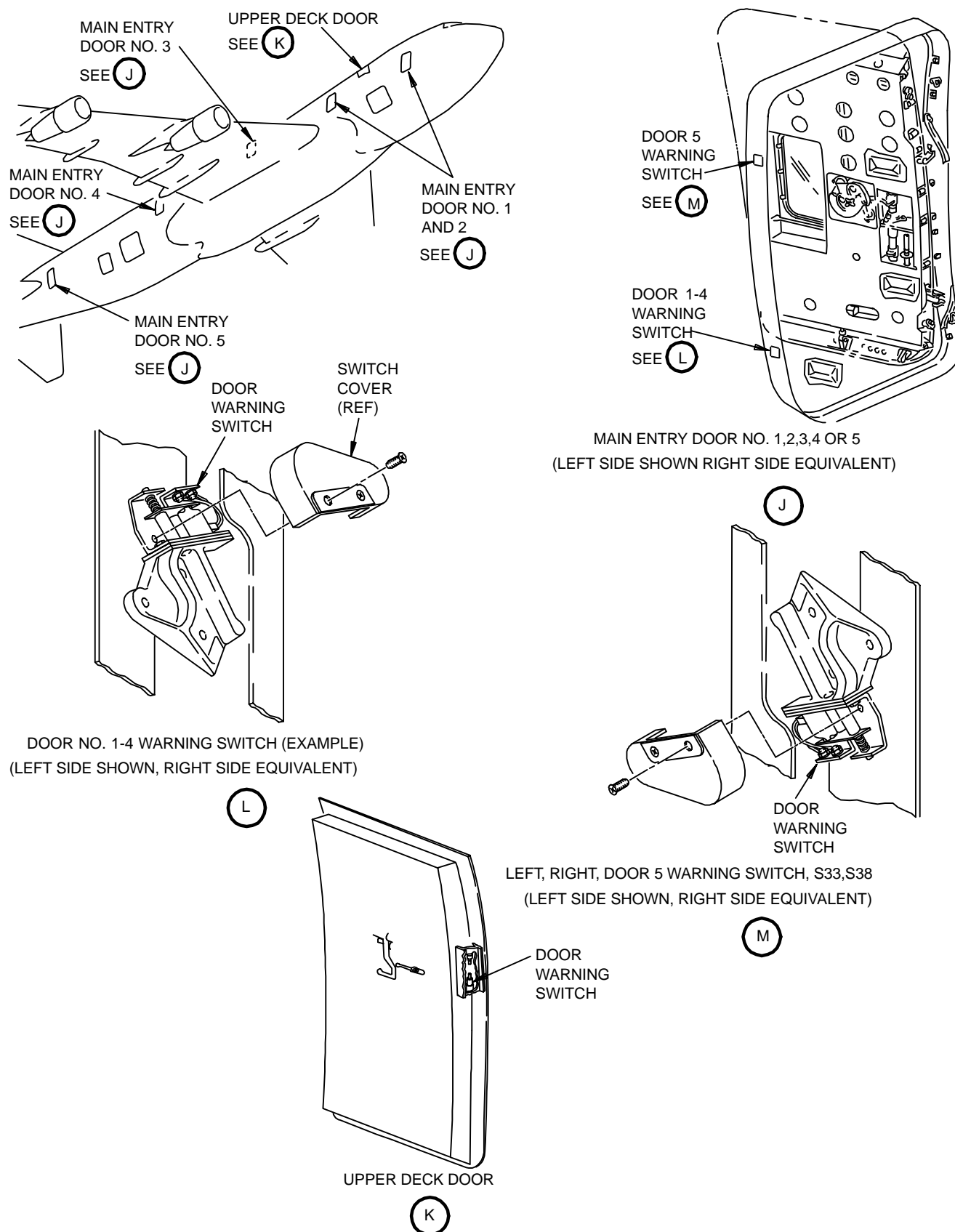
MAIN ELECTRONICS EQUIPMENT
DOOR WARNING SWITCH

(I)

Door Warning System - Component Location
Figure 102 (Sheet 3)

Figure 51 52-71 Door Warning System Comp. Location Fig. 102 (Sheet 3)

579643



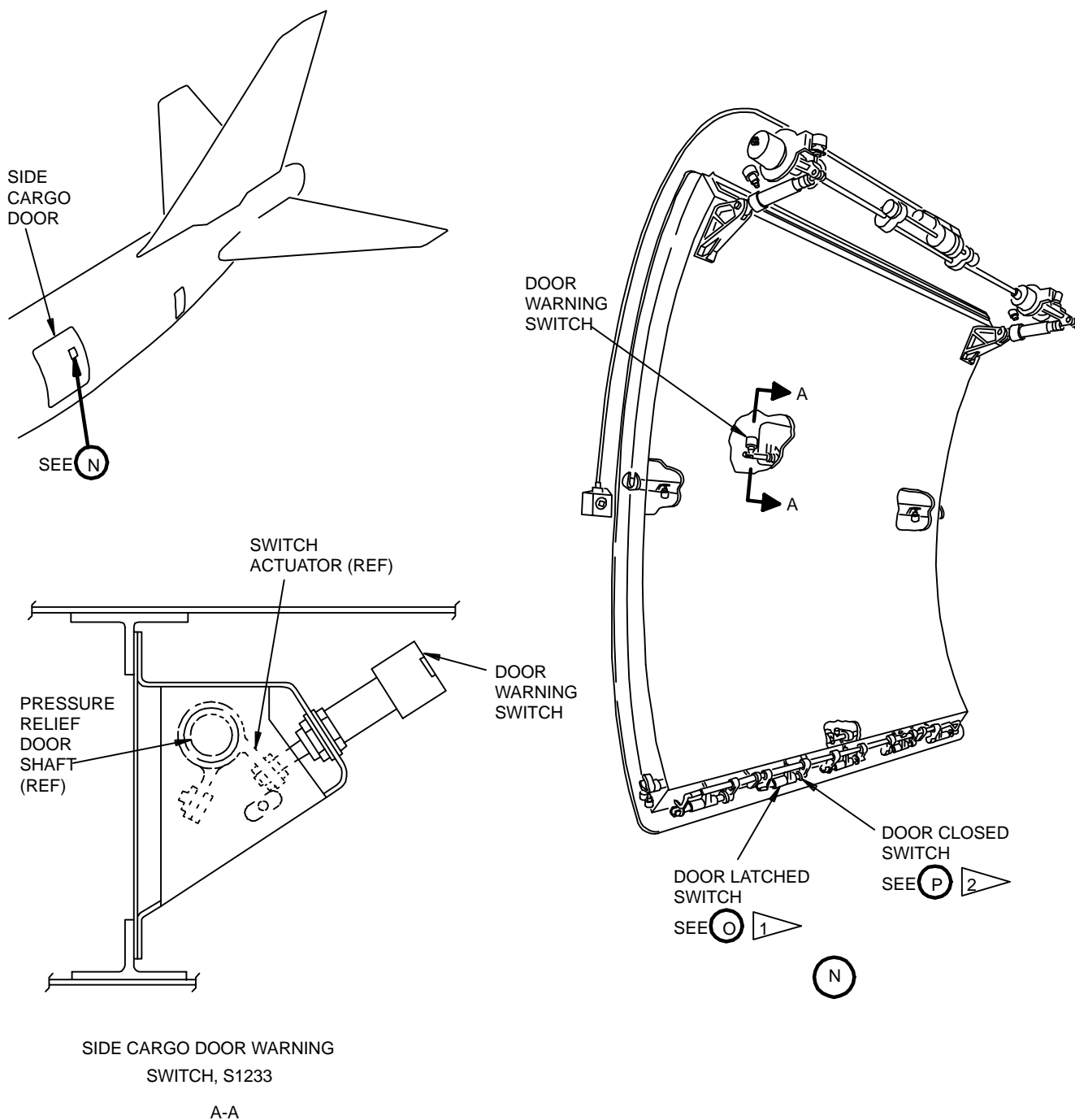
Door Warning System - Component Location

Figure 102 (Sheet 4)

Figure 52 52-71 Door Warning System Comp. Location Fig. 102 (Sheet 4)

580777





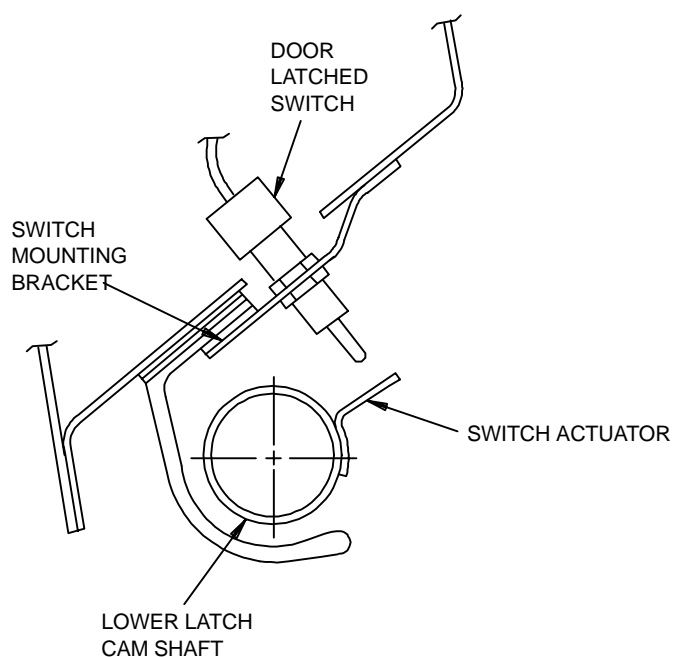
- 1 NOT ON ALL AIRPLANES
- 2 THIS SWITCH IS CONNECTED TO THE DOOR WARNING SYSTEM ON AIRPLANES WITH DOOR LATCHED SWITCH

Door Warning System Component Location
Figure 102 (Sheet 5)

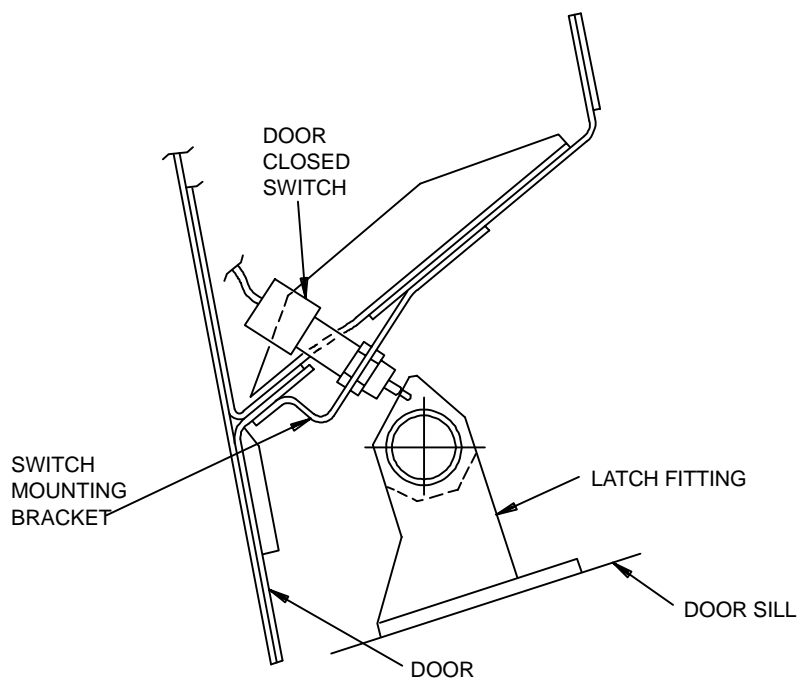
Figure 53 52-71 Door Warning System Comp. Location Fig. 102 (Sheet 5)

609942





DOOR LATCHED SWITCH, S2254



DOOR CLOSED SWITCH, S1238



- 1 NOT ON ALL AIRPLANES
2 THIS SWITCH IS CONNECTED TO THE DOOR WARNING SYSTEM ON AIRPLANES WITH DOOR LATCHED SWITCH.

Door Warning System Component Location

Figure 102 (Sheet 6)

795925

Figure 54 52-71 Door Warning System Comp. Location Fig. 102 (Sheet 6)

**52-73 PASS. DOORS AUTO/MAN POSITION INDICATING
SYSTEM**

COMPONENT INDEX AND LOCATION



PASSENGER DOORS AUTO/MANUAL POSITION INDICATING SYSTEM

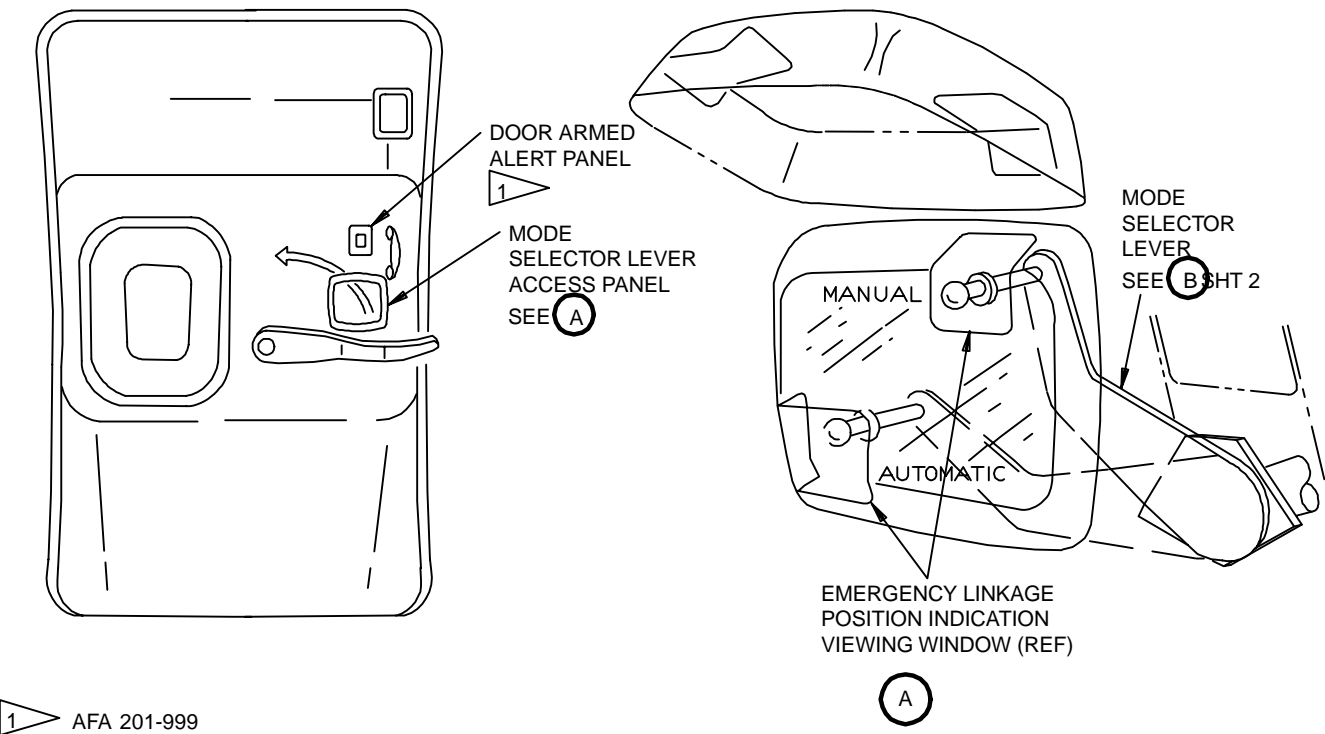
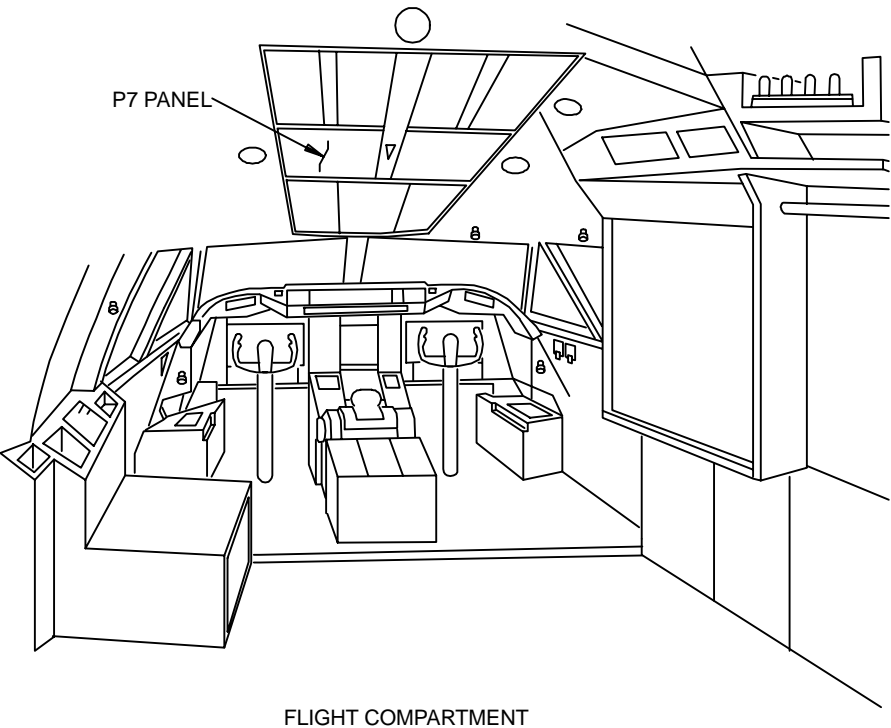
COMPONENT	FIG. 102 SHT	QTY	ACCESS/AREA	REFERENCE
CIRCUIT BREAKERS - MAWEA PWR A, C10295 MAWEA PWR B, C10296	1	1 1	FLT COMPT, P7 7A1 7A2	
LEVER - MODE SELECTOR	1	12	EACH PASSENGER DOOR	52-73-00
SWITCH - AUTOMATIC POSITION INDICATING, S1966,S1967,S1968,S1969,S1970,S1971,S1972, S1973,S1974,S1975,S1520	2	12	831L,832L,833L,834L,835L,841R, 842R,843R,844R,845R,837L,847R, PASSENGER DOORS	52-73-01
SWITCH - MANUAL POSITION INDICATING, S1444, S1445,S1446,S1447,S1448,S1449,S1450,S1451, S1452,S1453,S1519	2	12	831L,832L,833L,834L,835L,841L, 842L,843L,844L,845L,837L,847R, PASSENGER DOORS	52-73-01
ACTUATOR - POSITION INDICATING SWITCH	2	22	MAIN DECK PASSENGER DOORS	52-73-00

Passenger Doors Auto/Manual Position Indicating System - Component Index
Figure 101

Figure 55 52-73 Pass. Doors Auto/Man. Pos. Ind. Sys. Comp. Index Fig. 101

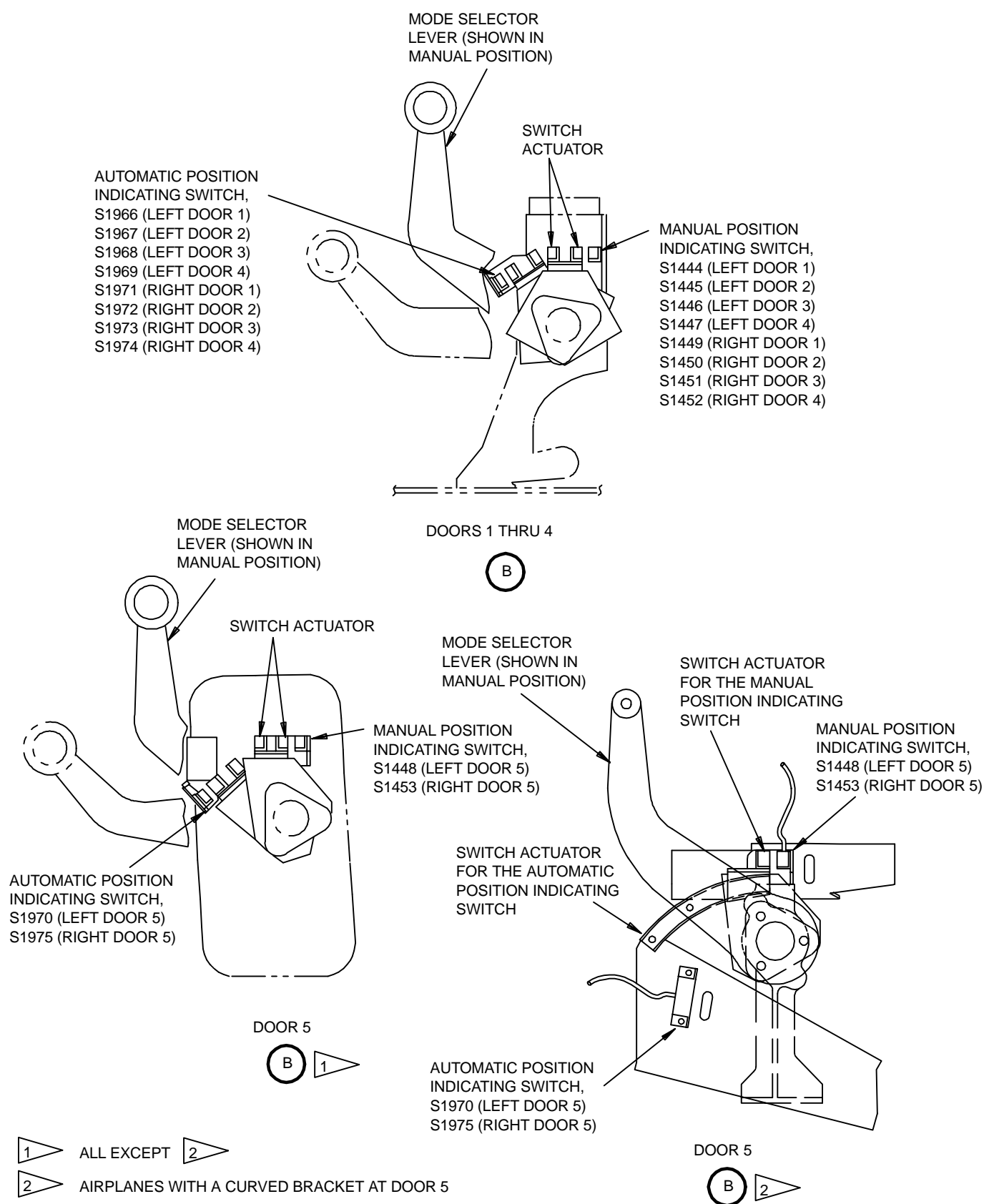
577222





Passenger Doors Auto/Manual Position Indicating System - Component Location
Figure 102 (Sheet 1)

Figure 56 52-73 Pass. Doors Auto/Man. Pos. Ind. Sys. Comp. Loc. Fig.102 (Sheet 1)



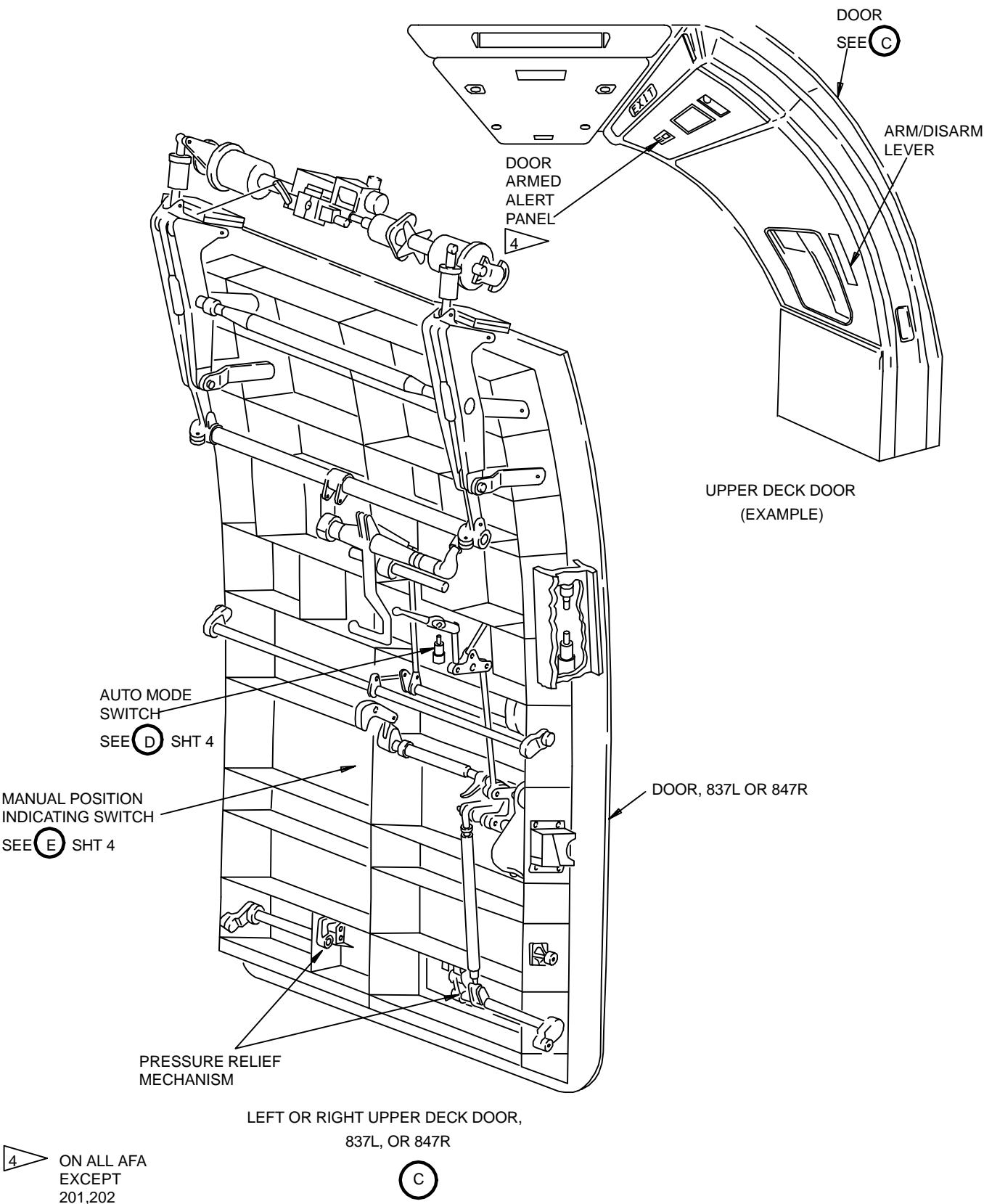
Passenger Doors Auto/Manual Position Indicating System - Component Location

Figure 102 (Sheet 2) Details From Sht 1

826735

Figure 57 52-73 Pass. Doors Auto/Man. Pos. Ind. Sys. Comp. Loc. Fig. 102 (Sheet 2)



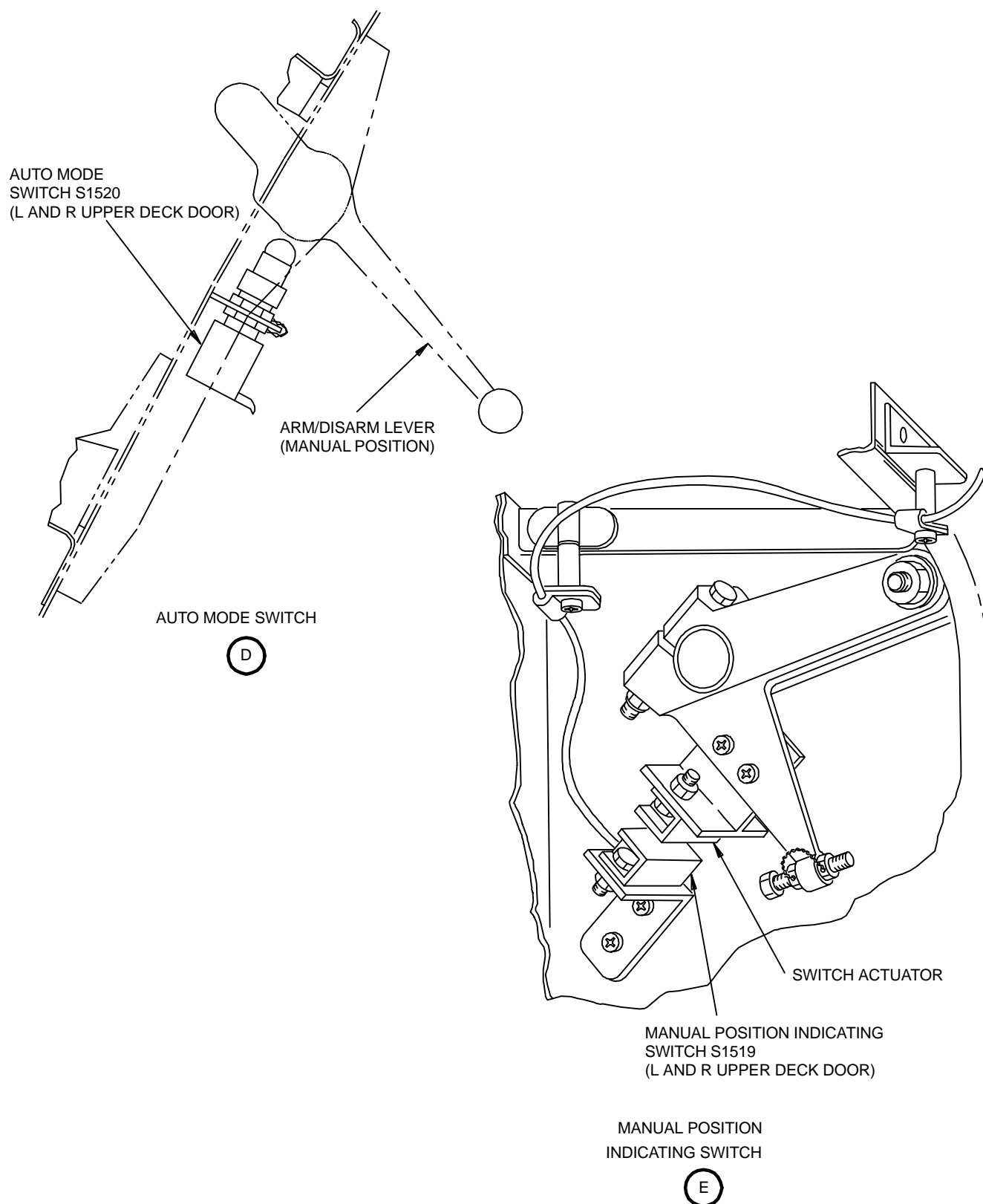


4 ON ALL AFA
EXCEPT
201,202

Passenger Doors Auto/Manual Position Indicating System - Component Location
Figure 102 (Sheet 3)

Figure 58 52-73 Pass. Doors Auto/Man. Pos. Ind. Sys. Comp. Loc. Fig. 102 (Sheet 3)

854449



Passenger Doors Auto/Manual Position Indicating System - Component Location
(Details from Sht 3)
Figure 102 (Sheet 4)

643853

Figure 59 52-73 Pass. Doors Auto/Man. Pos. Ind. Sys. Comp. Loc. Fig. 102 (Sheet 4)



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ATA 25 EQUIPMENT / FURNISHINGS

25-1 1 FLIGHT COMPARTMENT SEATS

COMPONENT INDEX AND LOCATION



FGM B1 LOCATIONS

"8g"- Net

Main Deck Cargo System Operation

PDU's Manual Release / PDU's No.19 Manual Re-tract

PDU's Installation

Cart Lift Operation

Lower Cargo System

- Operation
- Components
- PDU's Manual Release

Passenger Compartment

- Sidewall Lining
- Ceiling Lining
- Panels



FZE B1 LOCATION

Main Deck Cargo System Operation

Cart Lift

- Operation
- Components

Lower Cargo System

- Operation
- Components

Passenger Compartment

- Sidewall Lining
- Ceiling Lining
- Panels

FLIGHT COMPARTMENT SEATS

COMPONENT	FIG. 102 SHT	QTY	ACCESS/AREA	REFERENCE
CIRCUIT BREAKER CAPT PWR SEAT, C878	1	1	117AL, E/E MAIN EQUIP CTR, P414 414D08	*
CIRCUIT BREAKER F/O PWR SEAT, C877	1	1	117AL, E/E MAIN EQUIP CTR, P415 415H32	*
HANDWHEEL - MANUAL ADJUSTMENT, SEAT BACK			117AL, E/E MAIN EQUIP CTR, P415	
LUMBAR, IN/OUT	1&2	1	FLT COMPT SEATS	25-11-00
LUMBAR, UP/DOWN	1&2	1	FLT COMPT SEATS	25-11-00
HANDWHEEL - MANUAL ADJUSTMENT, THIGH PAD	1	1	CAPT & F/O SEATS	25-11-00
KNOB - MANUAL ADJUSTMENT, ARMREST	1&2	2	FLT COMPT SEATS	25-11-00
LEVER - INERTIA REEL LOCK	1&2	1	FLT COMPT SEATS	25-11-00
LEVER - MANUAL ADJUSTMENT, SEAT				
HORIZONTAL CONTROL	1&2	1	CAPT, F/O & F/OBS SEATS	25-11-00
LATERAL CONTROL	2	1	F/OBS SEAT	25-11-00
RECLINE CONTROL	1&2	1	FLT COMPT SEATS	25-11-00
VERTICAL CONTROL	1&2	1	CAPT, F/O & F/OBS SEATS	25-11-00
MOTOR-HORIZONTAL ACTUATOR				
CAPTAIN SEAT, YM3M01	1	1	CAPT & F/O SEATS	*
FIRST OFFICER SEAT, YM4M01	1	1	CAPT & F/O SEATS	*
MOTOR-VERTICAL ACTUATOR				
CAPTAIN SEAT, YM3M02	1	1	CAPT & F/O SEATS	*
FIRST OFFICER SEAT, YM4M02	1	1	CAPT & F/O SEATS	*
RELAYS - CAPTAIN SEAT				
AFT POSITION, YM3R02		1	CAPT SEAT	*
DOWN POSITION, YM3R05		1	CAPT SEAT	*
FWD POSITION, YM3R01		1	CAPT SEAT	*
POWER, YM3R03		1	CAPT SEAT	*
UP POSITION, YM3R04		1	CAPT SEAT	*
RELAYS - FIRST OFFICER SEAT				
AFT POSITION, YM4R02		1	F/O SEAT	*
DOWN POSITION, YM4R05		1	F/O SEAT	*
FWD POSITION, YM4R01		1	F/O SEAT	*
POWER, YM4R03		1	F/O SEAT	*
UP POSITION, YM4R04		1	F/O SEAT	*
SEAT - CAPTAIN, M536 (YM3)	1	1	FLT COMPT	25-11-01
SEAT - FIRST OBSERVER	2	1	FLT COMPT	25-11-03
SEAT - FIRST OFFICER, M537 (YM4)	1	1	FLT COMPT	25-11-01
SEAT - SECOND OBSERVER	2	1	FLT COMPT	25-11-03
SWITCHES - CAPTAIN SEAT				
AFT POSITION LIMIT, YM3S03		1	CAPT SEAT	*
DOWN POSITION LIMIT, YM3S06		1	CAPT SEAT	*
FWD POSITION LIMIT, YM3S01		1	CAPT SEAT	*
HORIZONTAL CONTROL - FWD/AFT, YM3S02	1	1	CAPT SEAT	*
UP POSITION LIMIT, YM3S04		1	CAPT SEAT	*
VERTICAL CONTROL - UP/DN, YM3S05	1	1	CAPT SEAT	*
SWITCHES - FIRST OFFICER SEAT				
AFT POSITION LIMIT, YM4S03		1	F/O SEAT	*
DOWN POSITION LIMIT, YM4S06		1	F/O SEAT	*
FWD POSITION LIMIT, YM4S01		1	F/O SEAT	*
HORIZONTAL CONTROL - FWD/AFT, YM4S02	1	1	F/O SEAT	*
RECLINE - 45 DEGREE LIMIT, YM4S09		1	F/O SEAT	*
RECLINE - 45 DEGREE LIMIT AFT, YM4S08		1	F/O SEAT	*
RECLINE - 45 DEGREE LIMIT MIN, YM4S07		1	F/O SEAT	*
UP POSITION LIMIT, YM4S04		1	F/O SEAT	*
VERTICAL CONTROL - UP/DN, YM4S05	1	1	F/O SEAT	*

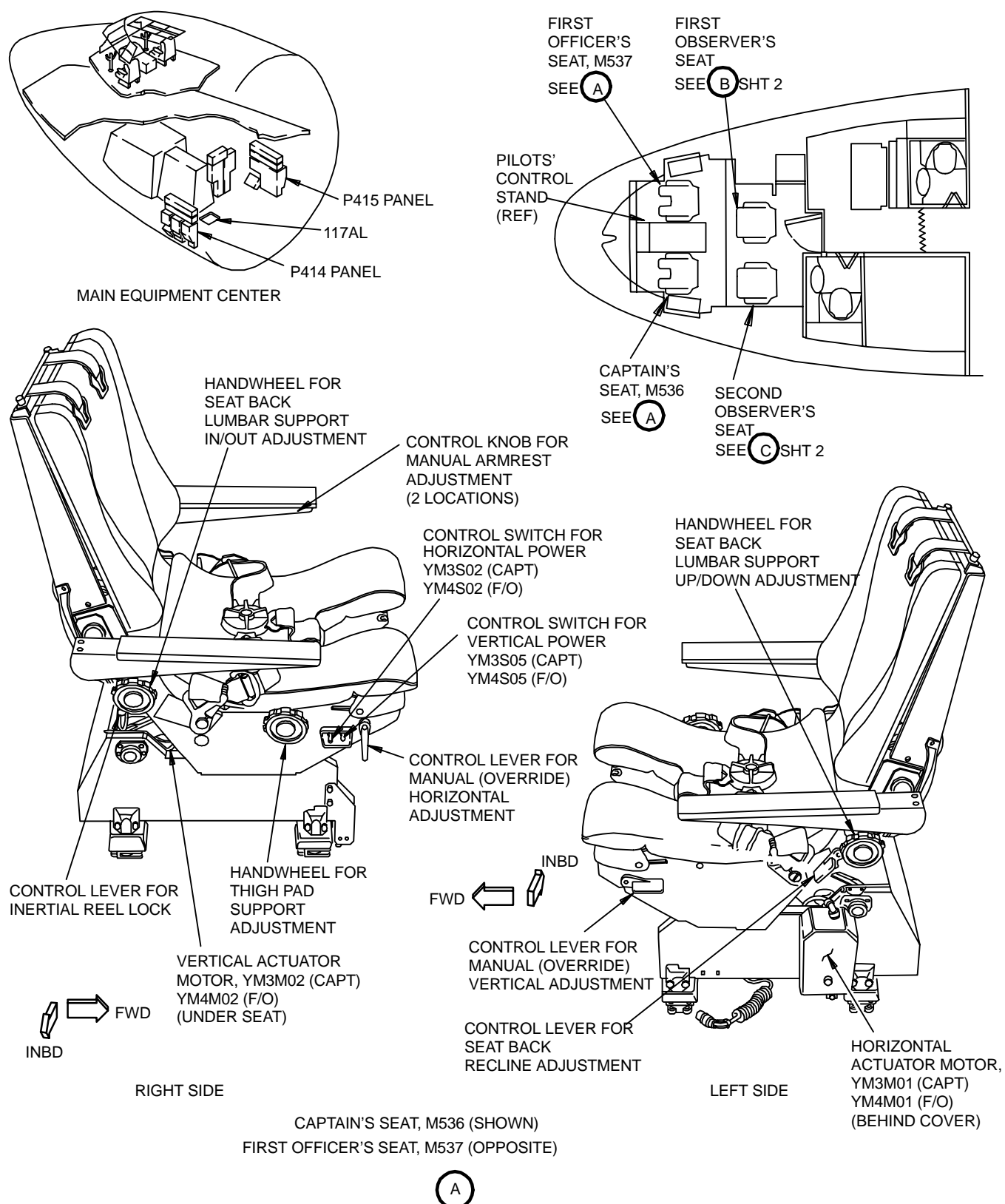
* SEE THE WDM EQUIPMENT LIST

Flight Compartment Seats - Component Index
Figure 101

Figure 60 25-1 1 Flight Compartment Seats Comp. Index Fig. 101

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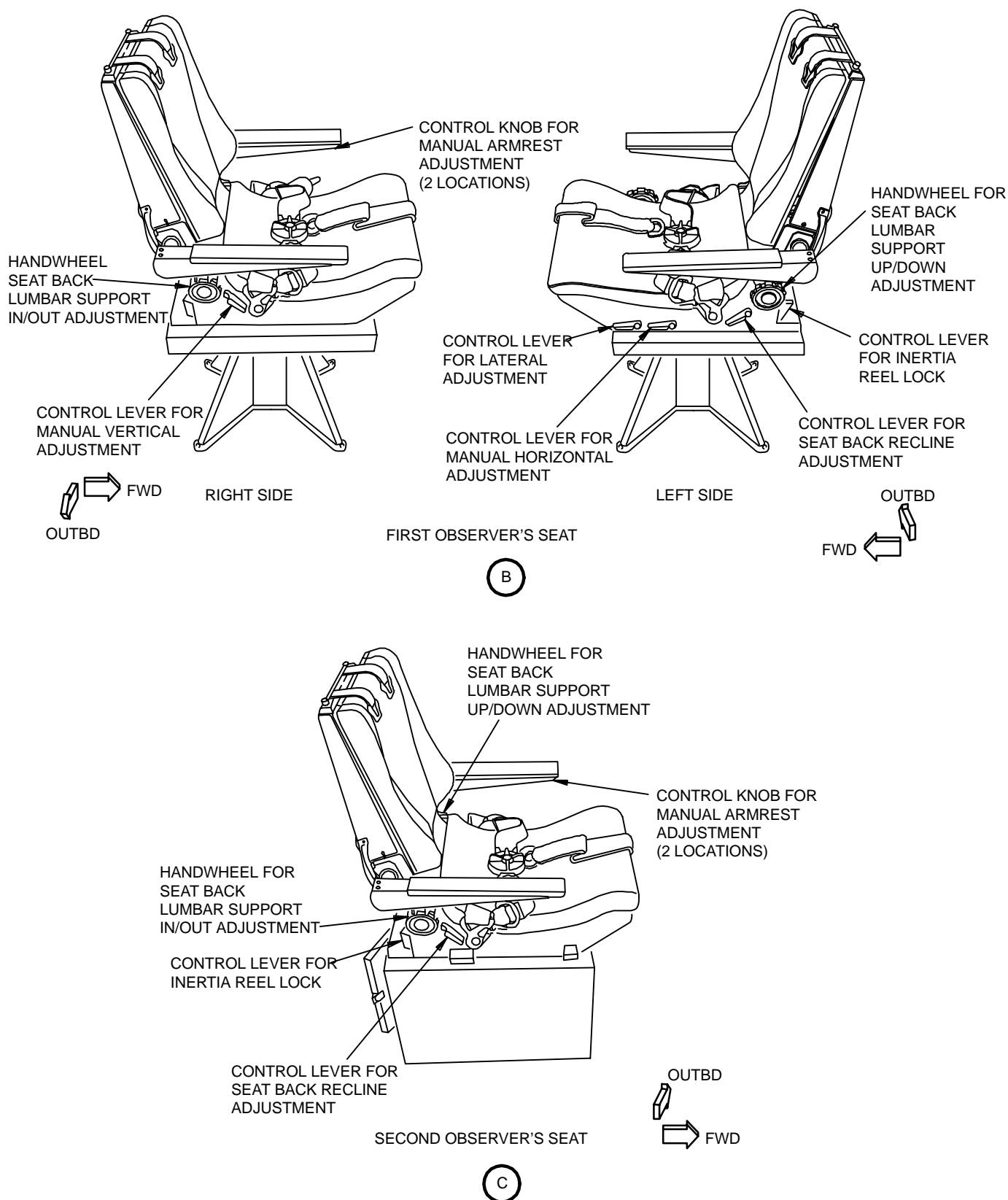


Flight Compartment Seats - Component Location
Figure 102 (Sheet 1)

Figure 61 25-1 1 Flight Compartment Seats Comp. Location Fig. 102 (Sheet 1)

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Flight Compartment Seats - Component location (Details from Sht 1)
Figure 102 (Sheet 2)

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Figure 62 25-1 1 Flight Compartment Seats Comp. Location Fig. 102 (Sheet 2)



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ATA 25 EQUIPMENT / FURNISHINGS

25-38 UPPER DECK GALLEY CART LIFT

COMPONENT INDEX AND LOCATION



UPPER DECK GALLEY CART LIFT

COMPONENT	FIG. 102 SHT	QTY	ACCESS/AREA	REFERENCE
CIRCUIT BREAKERS -	2			
CART LIFT CONT UPR DK		1	180G8	*
CART LIFT OVERRIDE		1	180G19	*
UPR DK CART LIFT CONT		1	414F23	*
UPPER DECK CART LIFT 1		1	414M21	*
UPPER DECK CART LIFT 2		1	414M24	*
MOTOR - ELECTRIC ACTUATOR, Y81001	1	1	UPPER DECK CART LIFT ENCLOSURE	25-38-02
MOTOR - ELECTRIC ACTUATOR, Y81002	1	1	UPPER DECK CART LIFT ENCLOSURE	25-38-02
PANEL - MOTOR DISCONNECT AND OVERHEAT ANNUNCIATION, Y85	1	1	UPPER DECK CART LIFT ENCLOSURE	25-38-01
SWITCH - MOTOR NO. 1 OVERHEAT RESET, Y85S01	2	1	UPPER DECK CART LIFT ENCLOSURE	25-38-05
SWITCH - MOTOR NO. 2 OVERHEAT RESET, Y85S02	2	1	UPPER DECK CART LIFT ENCLOSURE	25-38-05
SWITCH - NORMAL DOWN LIMIT, Y81009	1	1	LOWER CART LIFT SHAFT	25-38-05
SWITCH - NORMAL UP LIMIT, Y81005	1	1	UPPER CART LIFT SHAFT	25-38-05
SWITCH - OVERRIDE DOWN LIMIT, Y81004	1	1	LOWER CART LIFT SHAFT	25-38-01
SWITCH - OVERRIDE POWER, Y85S03	1	1	UPPER CART LIFT SHAFT	25-38-01
SWITCH - OVERRIDE UP LIMIT, Y81010	2	1	INSIDE MOTOR DISCONNECT PANEL	*
SWITCH - PRESSURE PLATE, Y81003	1	1	BOTTOM CART LIFT SHAFT	25-38-01
SWITCH - PRESSURE PLATE, Y81011	1	1	BOTTOM CART LIFT SHAFT	25-38-01
UNIT - LIFT CONTROL, Y82	1	1	CART LIFT SHAFT	25-38-06

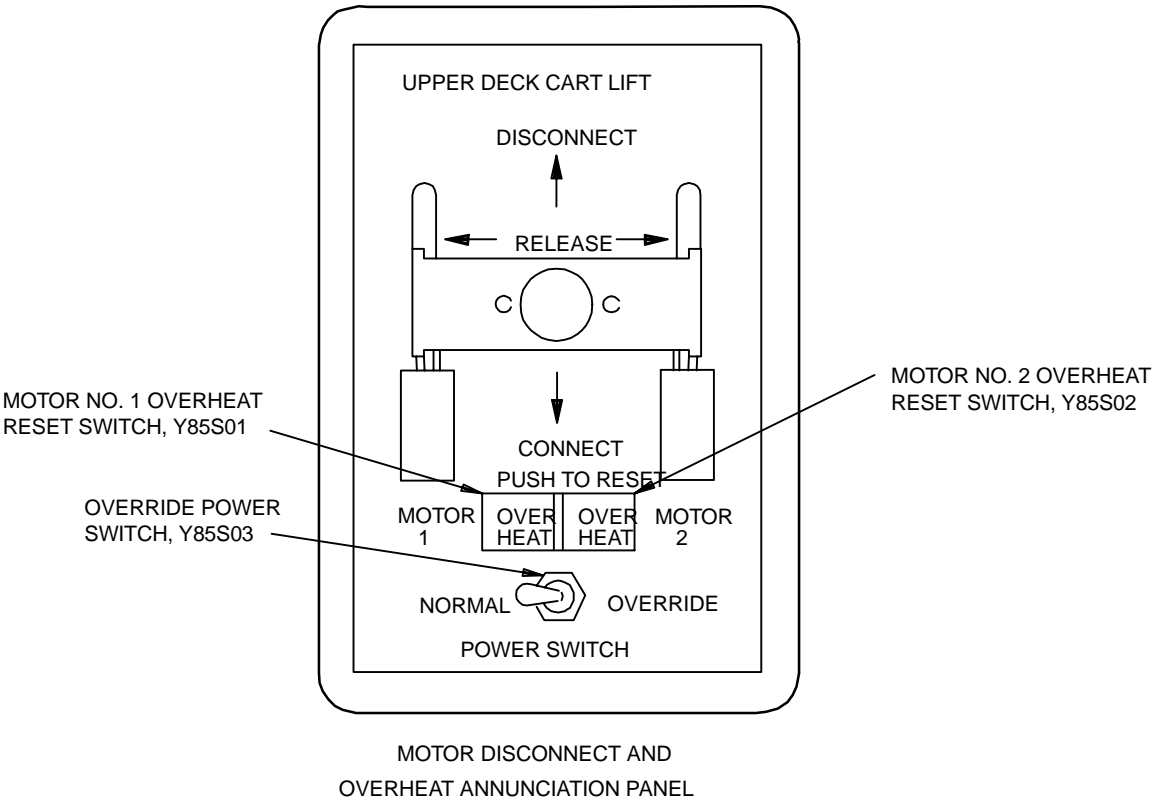
* SEE WM EQUIPMENT LIST

Upper Deck Galley Cart Lift - Component Index
Figure 101

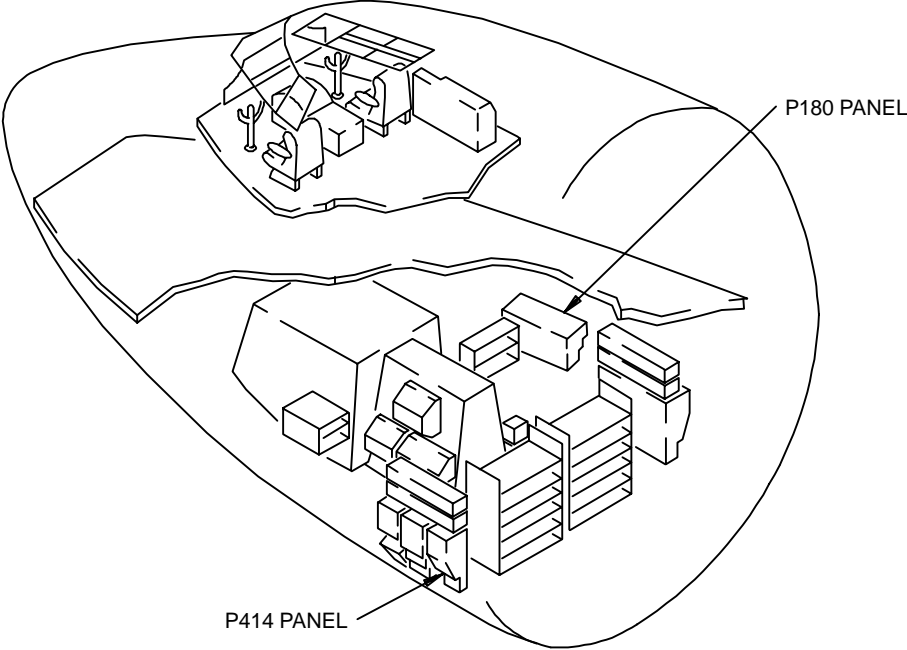
Figure 63 25-38 Upper Deck Galley Cart Lift Comp. Index Fig. 101

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(B) FROM SHT 1



Upper Deck Cart Lift - Component Location
Figure 102 (Sheet 2)

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Figure 64 25-38 Upper Deck Cart Lift Comp. Location Fig. 102 (Sheet 2)

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






ATA 25 EQUIPMENT / FURNISHINGS

25-53 LOWER CARGO HANDLING SYSTEM



COMPONENT INDEX AND LOCATION



CONTAINERIZED CARGO HANDLING SYSTEM

COMPONENT	FIG. 102 SHT	QTY	ACCESS/AREA	REFERENCE
ACTUATOR - AFT LATERAL GUIDE, M494 	4	1	FWD CARGO COMPT FLOOR	25-53-12
ACTUATOR - AFT LATERAL GUIDE, M138	4	1	AFT CARGO COMPT FLOOR	25-53-12
ACTUATOR - AFT LONGITUDINAL DRIVE WHEEL, M140 (LEFT) 	4	1	AFT CARGO COMPT FLOOR	25-53-09
ACTUATOR - AFT LONGITUDINAL DRIVE WHEEL, M139 (RIGHT) 	4	1	AFT CARGO COMPT FLOOR	25-53-09
ACTUATOR - FWD LATERAL GUIDE, M495	4	1	FWD CARGO COMPT FLOOR	25-53-12
ACTUATOR - FWD LATERAL GUIDE, M157	4	1	AFT CARGO COMPT FLOOR	25-53-12
ACTUATOR - FWD LONGITUDINAL DRIVE WHEEL, M520 (LEFT)	4	1	AFT CARGO COMPT FLOOR	25-53-09
ACTUATOR - FWD LONGITUDINAL DRIVE WHEEL, M519 (RIGHT)	4	1	AFT CARGO COMPT FLOOR	25-53-09
ACTUATOR - LONGITUDINAL DRIVE WHEEL, M492 (LEFT)	4	1	FWD CARGO COMPT FLOOR	25-53-09
ACTUATOR - LONGITUDINAL DRIVE WHEEL, M493 (RIGHT)	4	1	FWD CARGO COMPT FLOOR	25-53-09
ACTUATOR - TRANSVERSE DRIVE WHEEL, M491	4	1	FWD CARGO COMPT FLOOR	25-53-09
ACTUATOR - TRANSVERSE DRIVE WHEEL, M518	4	1	AFT CARGO COMPT FLOOR	25-53-09
BELT - DRIVE (AFT) 	3	22	AFT CARGO COMPT FLOOR	25-53-04
BELT - DRIVE (AFT) 	3	18	AFT CARGO COMPT FLOOR	25-53-04
BELT - DRIVE (FWD)	3	22	FWD CARGO COMPT FLOOR	25-53-04
CIRCUIT BREAKERS	1		822R, AFT CARGO COMPT, P59	
AFT LATERAL GUIDE ACTR, C1657		1		*
AFT LONG WHEEL ACTR LEFT, C1653		1		*
AFT LONG WHEEL ACTR RIGHT, C1652		1		*
BAY 6 LEFT PDU, C886		1		*
BAY 6 RIGHT PDU, C921		1		*
BAY 7 LEFT PDU, C885		1		*
BAY 7 RIGHT PDU, C920		1		*
BAY 8 LEFT PDU, C884		1		*
BAY 8 RIGHT PDU, C919		1		*
BAY 9 LEFT PDU, C875		1		*
BAY 9 RIGHT PDU, C887		1		*
BAY 10 LEFT PDU, C1656 		1		*
BAY 10 RIGHT PDU, C1655 		1		*
LATERAL GUIDE ACTUATOR, C924		1		*
LEFT LONG WHEEL ACTUATOR, C918		1		*
RIGHT LONG WHEEL ACTUATOR, C917		1		*
TRANSVERSE WHEEL ACTUATOR, C916		1		*

* SEE WDM EQUIPMENT LIST

 AFA ALL
 DLH ALL

Containerized Cargo Handling System - Component Index
Figure 101 (Sheet 1)

Figure 65 25-53 Cont. Cargo Handling System Comp. Index Fig. 101 (Sheet 1)

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COMPONENT	FIG. 102 SHT	QTY	ACCESS/AREA	REFERENCE
CIRCUIT BREAKERS	1		821R, FWD CARGO COMPT, P86	
BAY 1 LEFT, C874		1		*
BAY 1 RIGHT, C1505		1		*
BAY 2 LEFT, C907		1		*
BAY 2 RIGHT, C906		1		*
BAY 3 LEFT, C909		1		*
BAY 3 RIGHT, C908		1		*
BAY 4 LEFT, C911		1		*
BAY 4 RIGHT, C910		1		*
BAY 5 LEFT, C913		1		*
BAY 5 RIGHT, C912		1		*
LATERAL GUIDE AFT, C867		1		*
LATERAL GUIDE FWD, C923		1		*
LONG WHEELS ACT L SIDE, C865		1		*
LONG WHEELS ACT R SIDE, C866		1		*
TRANSVERSE WHEEL ACT, C864		1		*
CIRCUIT BREAKERS	1		117AL, E/E MAIN EQUIP CTR, P414	
AFT CARGO DOOR CONT, C288		1	414F16	*
FWD CARGO DOOR CONT, C285		1	414F15	*
CIRCUIT BREAKERS	1		117AL, E/E MAIN EQUIP CTR, P714	
GND HDLG BUS P59, C915		1		*
GND HDLG BUS P86, C914		1		*
DIODE - (REF 31-01-12, FIG. 101)			822R, AFT CARGO COMPT, P59	
COIL ISOLATION, M1808, M1809				*
DIODE - (REF 31-01-21, FIG. 101)			821R, FWD CARGO COMPT, P86	
COIL ISOLATION, M442, M443				*
LIGHT - WARNING, (L1) ON M545	2	1	821R, FWD CARGO COMPT, M545	*
LIGHT - WARNING, (L1) ON M546	2	1	822R, AFT CARGO COMPT, M546	*
MOTOR - POWER DRIVE UNIT	3		FWD CARGO COMPT FLOOR	25-53-02
BAY 1L, M499		1		
BAY 1R, M498		1		
BAY 2L, M501		1		
BAY 2R, M500		1		
BAY 3L, M503		1		
BAY 3R, M502		1		
BAY 4L, M505		1		
BAY 4R, M504		1		
BAY 5L, M507		1		
BAY 5R, M506		1		
MOTOR - POWER DRIVE UNIT	3		AFT CARGO COMPT FLOOR	25-53-02
BAY 6L, M517		1		
BAY 6R, M516		1		
BAY 7L, M515		1		
BAY 7R, M514		1		
BAY 8L, M513		1		
BAY 8R, M512		1		
BAY 9L, M511		1		
BAY 9R, M510		1		
BAY 10L, M509		1		
BAY 10R, M508		1		







* SEE WDM EQUIPMENT LIST

Containerized Cargo Handling System - Component Index
Figure 101 (Sheet 2)

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Figure 66 25-53 Cont. Cargo Handling System Comp. Location Fig. 101 (Sheet 2)



COMPONENT	FIG. 102 SHT	QTY	ACCESS/AREA	REFERENCE
PANEL - AFT CARGO CONTROL, M546	2	1	822R, AFT CARGO COMPT, M546	25-53-17
PANEL - AFT CARGO POWER DISCONNECT, M924	2	1	822R, AFT CARGO COMPT, M924	25-53-17
PANEL - FWD CARGO CONTROL, M545	2	1	821R, FWD CARGO COMPT, M545	25-53-17
PANEL - FWD CARGO POWER DISCONNECT, M917	2	1	821R, FWD CARGO COMPT, M917	25-53-17
RELAY - (REF 31-01-12, FIG. 101)			822R, AFT CARGO COMPT, P59	
AFT/FWD MODE TRANSFER, R589		1		*
BAY 6L/7L/8L PDU, R123		1		*
BAY 6R/7R/8R PDU, R97		1		*
BAY 9L PDU, R98		1		*
BAY 9R PDU, R124		1		*
BAY 10L PDU, R583 		1		*
BAY 10R PDU, R582 		1		*
PHASE REVERSING, R95		1		*
RELAY - (REF 31-01-21, FIG. 101)			821R, FWD CARGO COMPT, P86	
BAY 1L PDU, R90		1		*
BAY 1R PDU, R89		1		*
BAY 2L PDU, R92		1		*
BAY 2R PDU, R91		1		*
BAY 3L/4L/5L PDU, R94		1		*
BAY 3R/4R/5R PDU, R93		1		*
SWITCH - BAY NO. 4, (S1) ON M917	2	1	821R, FWD CARGO COMPT, M917	*
SWITCH - BAY NO. 5, (S2) ON M917	2	1	821R, FWD CARGO COMPT, M917	*
SWITCH - BAY NO. 6, (S1) ON M924	2	1	822R, AFT CARGO COMPT, M924	*
SWITCH - BAY NO. 7, (S2) ON M924	2	1	822R, AFT CARGO COMPT, M924	*
SWITCH - LATERAL GUIDES, (S2) ON M545	2	1	821R, FWD CARGO COMPT, M545	*
SWITCH - LATERAL GUIDES, (S2) ON M546	2	1	822R, AFT CARGO COMPT, M546	*
SWITCH - POWER DRIVE, (S1) ON M545	2	1	821R, FWD CARGO COMPT, M545	*
SWITCH - POWER DRIVE SYSTEM, (S1) ON M546	2	1	822R, AFT CARGO COMPT, M546	*
SWITCH - JOYSTICK, (S3) ON M545	2	1	821R, FWD CARGO COMPT, M545	*
SWITCH - JOYSTICK, (S3) ON M546	2	1	822R, AFT CARGO COMPT, M546	*
SWITCH - WARNING LIGHT, (L1) ON M545	2	1	821R, FWD CARGO COMPT, M545	*
SWITCH - WARNING LIGHT, (L1) ON M546	2	1	822R, AFT CARGO COMPT, M546	*
WHEEL ASSEMBLY - FIXED DRIVE (AFT) 	3	16	AFT CARGO COMPT FLOOR	25-53-06
WHEEL ASSEMBLY - FIXED DRIVE (AFT) 	3	14	AFT CARGO COMPT FLOOR	25-53-06
WHEEL ASSEMBLY - FIXED DRIVE (FWD)	3	16	FWD CARGO COMPT FLOOR	25-53-06
WHEEL ASSEMBLY - RETRACTABLE DRIVE (AFT) 	3	6	AFT CARGO COMPT FLOOR	25-53-05
WHEEL ASSEMBLY - RETRACTABLE DRIVE (AFT) 	3	4	AFT CARGO COMPT FLOOR	25-53-05
WHEEL ASSEMBLY - RETRACTABLE DRIVE (FWD)	3	6	FWD CARGO COMPT FLOOR	25-53-05

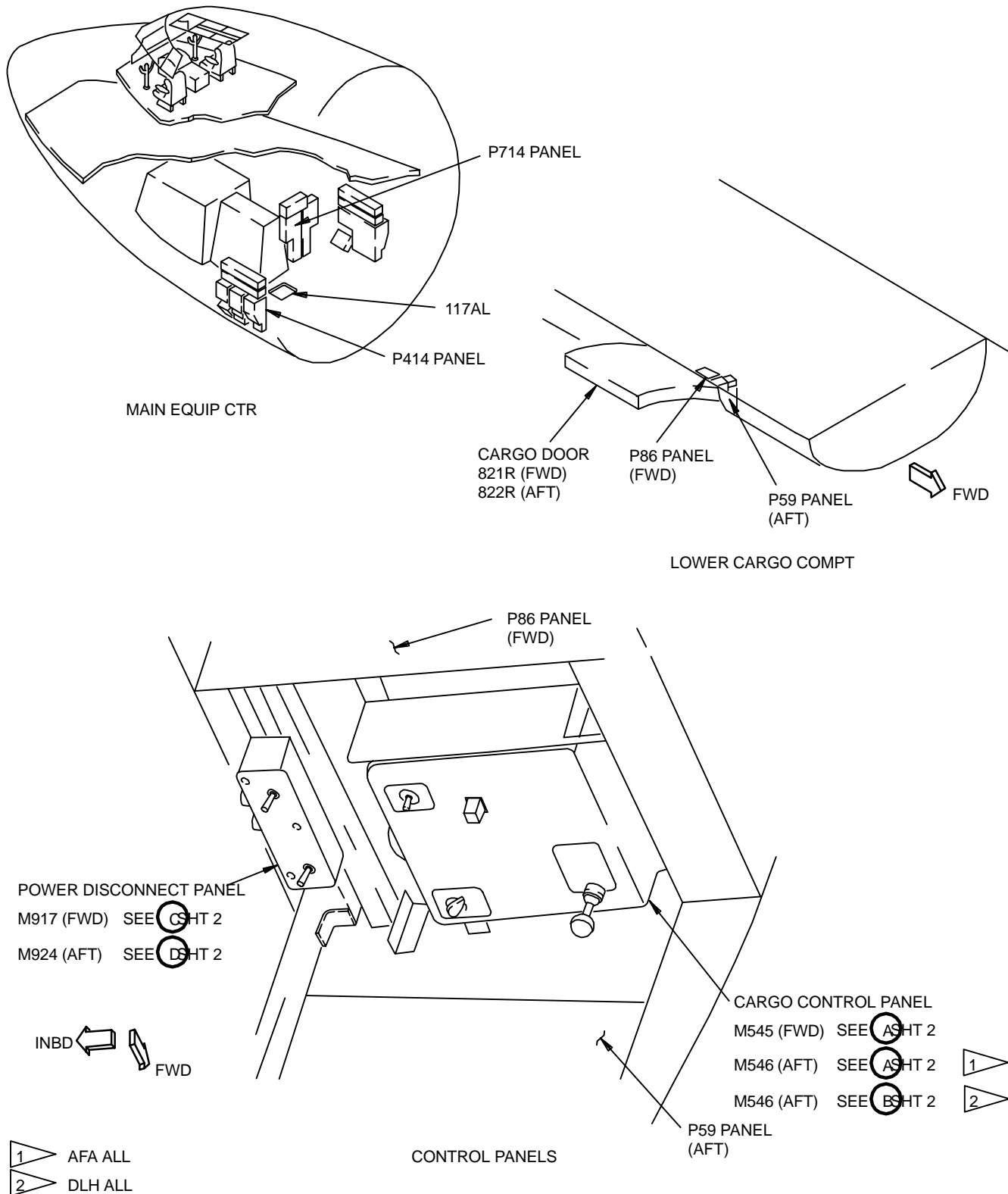
* SEE WDM EQUIPMENT LIST

Containerized Cargo Handling System - Component Index
Figure 101 (Sheet 3)

Figure 67 25-53 Cont. Cargo Handling System Comp. Index Fig. 101 (Sheet 3)

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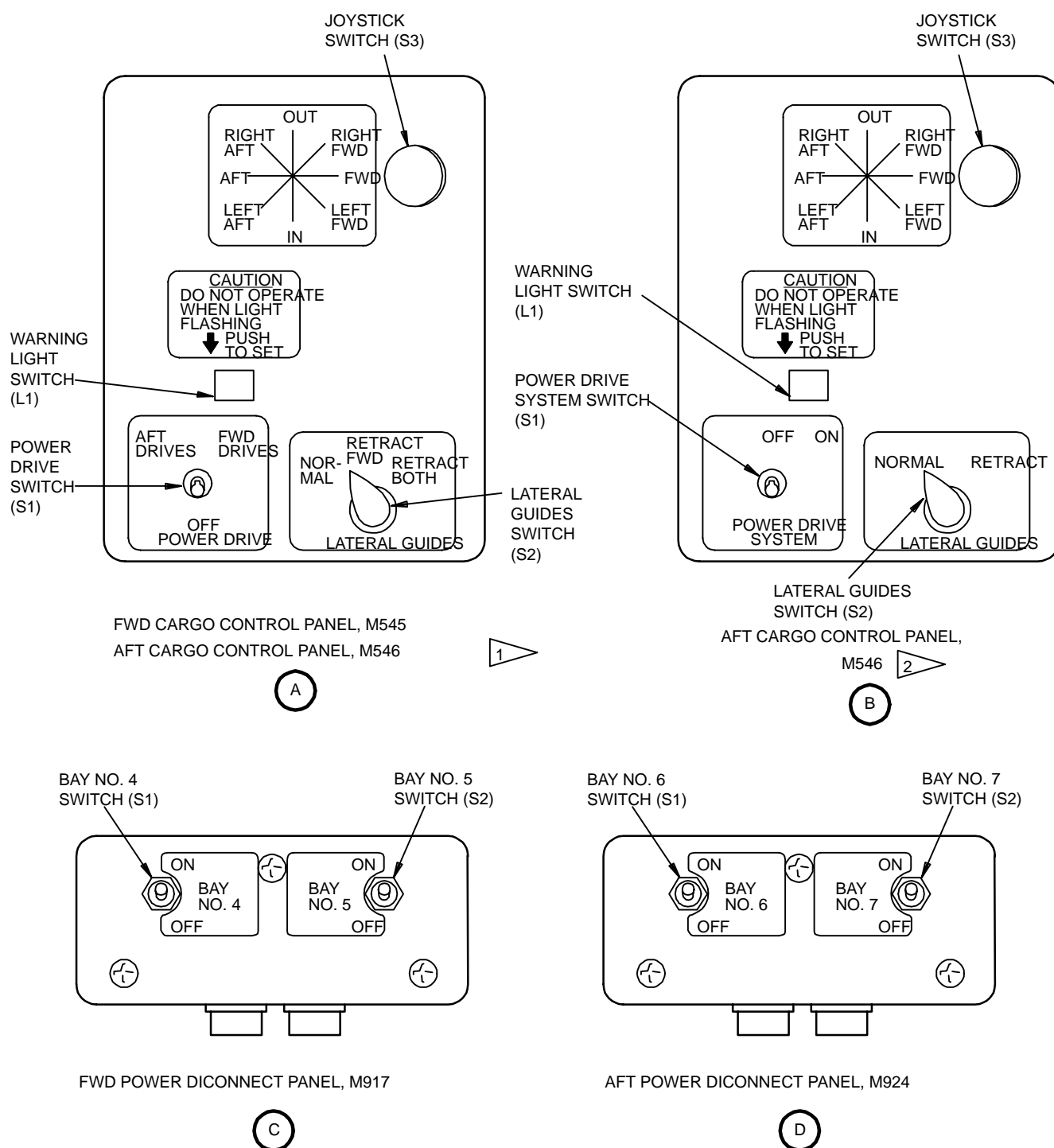


Containerized Cargo Handling System - Component Location
Figure 102 (Sheet 1)

Figure 68 25-53 Cont. Cargo Handling System Comp. Location Fig. 102 (Sheet 1)

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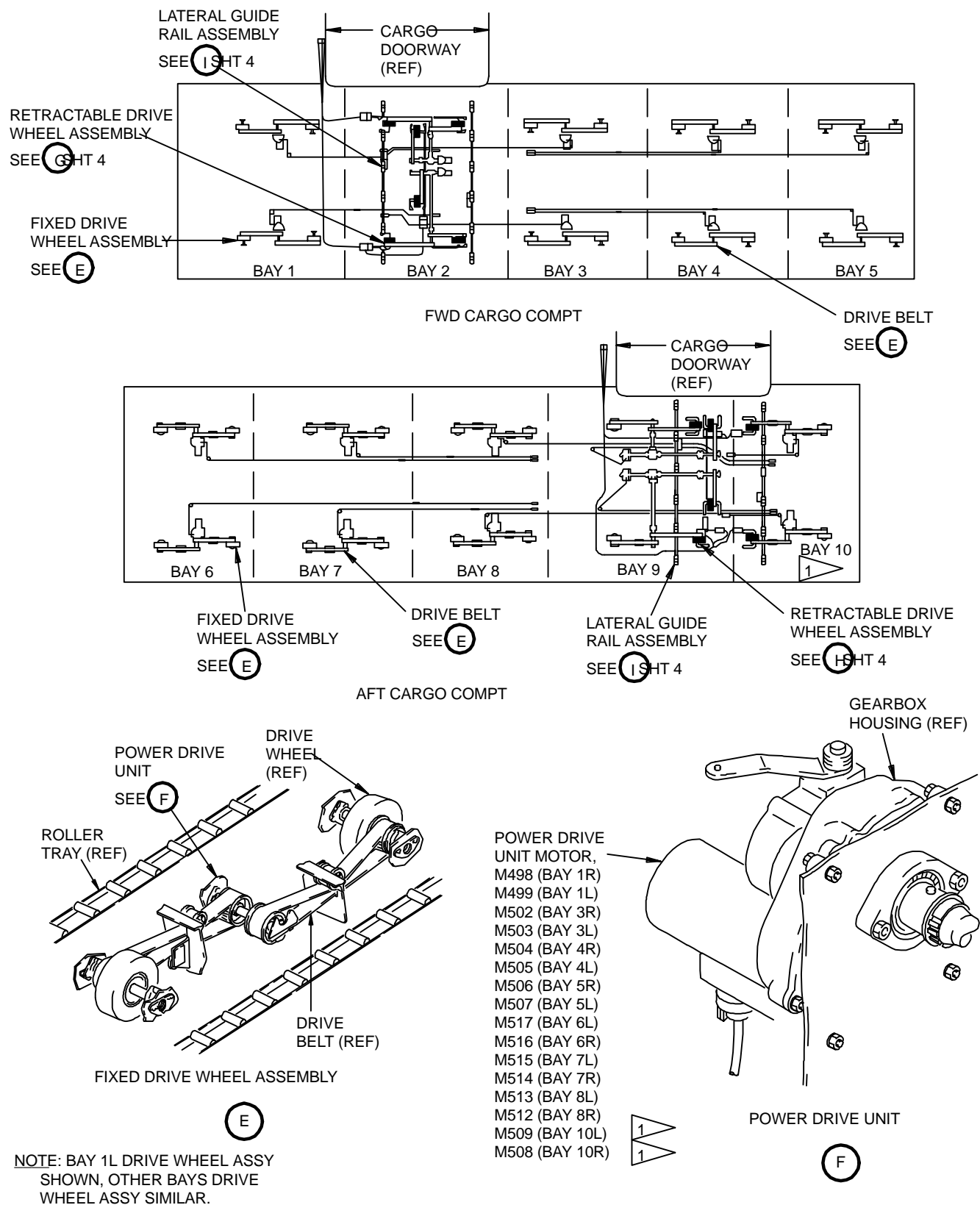


Containerized Cargo Handling System - Component Location (Details from Sht 1)
Figure 102 (Sheet 2)

Figure 69 25-53 Cont. Cargo Handling System Comp. Location Fig. 102 (Sheet 2)

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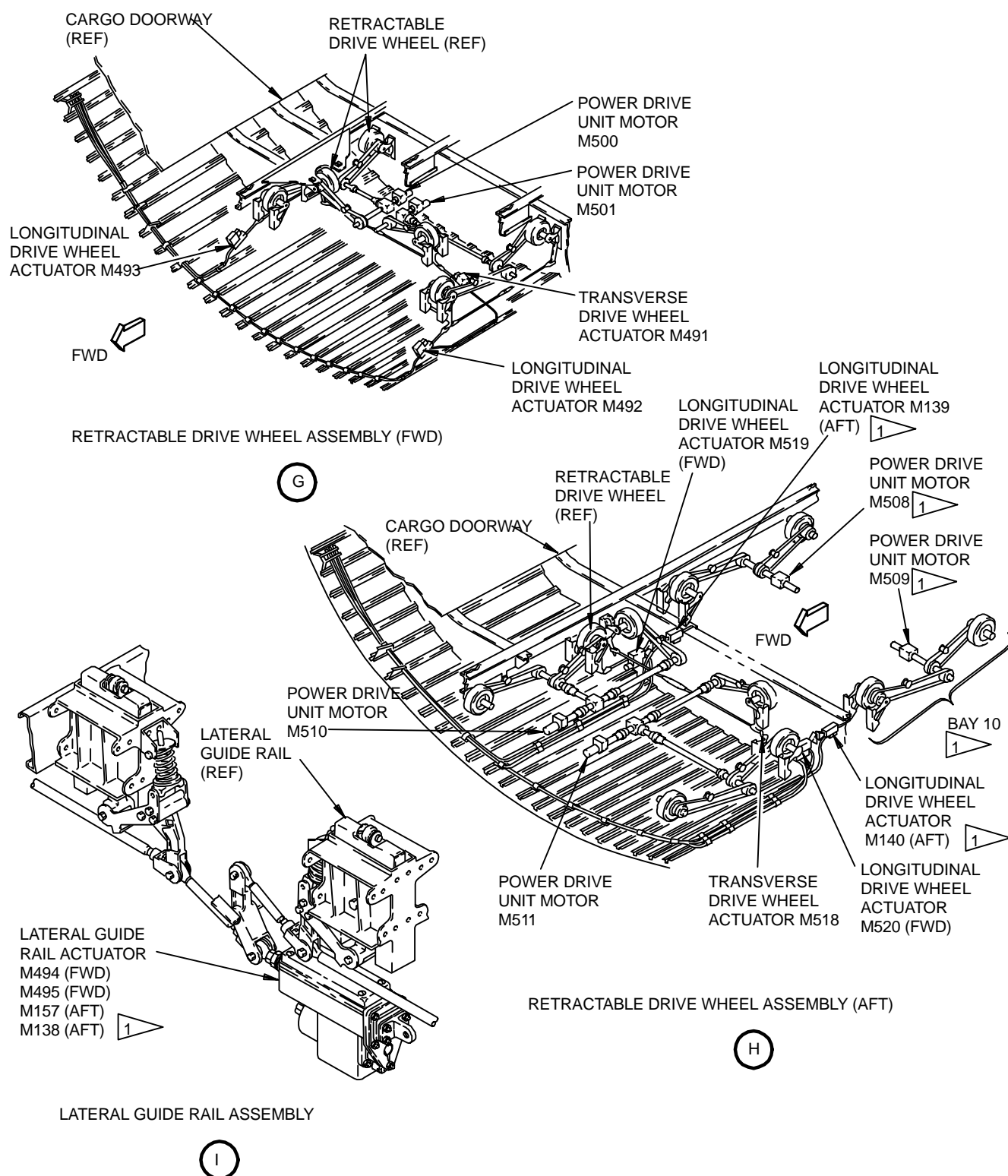


Containerized Cargo Handling System - Component Location
Figure 102 (Sheet 3)

Figure 70 25-53 Cont. Cargo Handling System Comp. Location Fig. 102 (Sheet 3)

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NOTE: ACTUATOR M495 SHOWN, OTHER ACTUATORS SIMILAR

Containerized Cargo Handling System - Component Location (Details from Sht 3)
Figure 102 (Sheet 4)

Figure 71 25-53 Cont. Cargo Handling System Comp. Location Fig. 102 (Sheet 4)

759263



25-57 MAIN DECK CARGO HANDLING SYSTEM

COMPONENT INDEX AND LOCATION



MAIN DECK CARGO HANDLING SYSTEM

COMPONENT	FIG. 102 SHT	QTY	ACCESS/AREA	REFERENCE
ACTUATOR - PDU 19L1 DRIVE WHEEL, YV3M01	3	1	MAIN CARGO COMPT FLOOR, M971	*
ACTUATOR - PDU 19L1 STEERING, YV3M02	3	1	MAIN CARGO COMPT FLOOR, M971	*
ACTUATOR - PDU 19L2 DRIVE WHEEL, YV3M01	3	1	MAIN CARGO COMPT FLOOR, M115	*
ACTUATOR - PDU 19L2 STEERING, YV3M02	3	1	MAIN CARGO COMPT FLOOR, M115	*
ACTUATOR - PDU 19R1 DRIVE WHEEL, YV3M01	3	1	MAIN CARGO COMPT FLOOR, M972	*
ACTUATOR - PDU 19R1 STEERING, YV3M02	3	1	MAIN CARGO COMPT FLOOR, M972	*
ACTUATOR - PDU 19R2 DRIVE WHEEL, YV3M01	3	1	MAIN CARGO COMPT FLOOR, M116	*
ACTUATOR - PDU 19R2 STEERING, YV3M02	3	1	MAIN CARGO COMPT FLOOR, M116	*
ACTUATOR - PDU 20L DRIVE WHEEL, YC3M01	2	1	MAIN CARGO COMPT FLOOR, M973	25-57-1 1
ACTUATOR - PDU 20R DRIVE WHEEL, YC3M01	2	1	MAIN CARGO COMPT FLOOR, M974	25-57-1 1
ACTUATOR - PDU 21L DRIVE WHEEL, YC3M01	2	1	MAIN CARGO COMPT FLOOR, M975	25-57-1 1
ACTUATOR - PDU 21R DRIVE WHEEL, YC3M01	2	1	MAIN CARGO COMPT FLOOR, M976	25-57-1 1
ACTUATOR - PDU 22L DRIVE WHEEL, YC3M01	2	1	MAIN CARGO COMPT FLOOR, M977	25-57-1 1
ACTUATOR - PDU 22R DRIVE WHEEL, YC3M01	2	1	MAIN CARGO COMPT FLOOR, M978	25-57-1 1
ACTUATOR - PDU 23R DRIVE WHEEL, YC3M01	3	1	MAIN CARGO COMPT FLOOR, M81	25-57-1 1
ACTUATOR - PDU 23R STEERING, M338	3	1	MAIN CARGO COMPT FLOOR, M81	25-57-02
ACTUATOR - PDU 24 DRIVE WHEEL, YC3M01	3	1	MAIN CARGO COMPT FLOOR, M182	25-57-1 1
ACTUATOR - PDU 24 STEERING, M153	3	1	MAIN CARGO COMPT FLOOR, M182	25-57-02
CIRCUIT BREAKERS	1		MAIN CARGO COMPT FLOOR, P118	
PDU 19R1 & 19R2 & STRNG, C1582		1		*
PDU 20R & 21R, C1583		1		*
PDU 22R & 23R & STRNG 23R, C1584		1		*
CIRCUIT BREAKERS	1		MAIN CARGO COMPT FLOOR, P136	
PDU 19L1 & 19L2 & STRNG, C1592		1		*
PDU 20L & 21L, C1644		1		*
PDU 22L & 23L, C1645		1		*
CIRCUIT BREAKERS	1		MAIN CARGO COMPT FLOOR, P152	
PDU 24 & STRNG, C1659		1		*
CIRCUIT BREAKERS -			117AL, E/E MAIN EQUIP CTR, P414	
WT & BAL, C10503		1	414K20	
CIRCUIT BREAKERS -	1		117AL, E/E MAIN EQUIP CTR, P415	
CARGO HANDLING CONT MN DK, C1409		1	415F18	*
MAIN DECK CARGO HDLG TRU, C1573		1	415G16	*
CIRCUIT BREAKERS -	1		117AL, E/E MAIN EQUIP CTR, P715	
P116 MAIN DECK CARGO HNDLG BUS, C1567		1		*
P124 MAIN DECK CARGO HNDLG BUS, C1568		1		*
P118 & P136 MAIN DECK CGO HNDLG BUS, C1570		1		*
MODULE - CCM 19R CARGO CONTROL, X906	6	1	MAIN CARGO COMPT SIDEWALL RIGHT	25-57-10
MODULE - CCM 20L CARGO CONTROL, X907	6	1	MAIN CARGO COMPT SIDEWALL LEFT	25-57-10
MODULE - CCM 20R CARGO CONTROL, X908	6	1	MAIN CARGO COMPT SIDEWALL RIGHT	25-57-10
MODULE - CCM 21L CARGO CONTROL, X909	6	1	MAIN CARGO COMPT SIDEWALL LEFT	25-57-10
MODULE - CCM 21R CARGO CONTROL, X910	6	1	MAIN CARGO COMPT SIDEWALL RIGHT	25-57-10
MODULE - CCM 22AL CARGO CONTROL, M19	6	1	MAIN CARGO COMPT SIDEWALL LEFT	25-57-10
MODULE - CCM 22AR CARGO CONTROL, M20	7	1	MAIN CARGO COMPT SIDEWALL RIGHT	25-57-10
MODULE - CCM 22BL 20 FT CARGO CONTROL, M611	7	1	MAIN CARGO COMPT SIDEWALL LEFT	25-57-10
MODULE - CCM 22BR 20 FT CARGO CONTROL, M612	7	1	MAIN CARGO COMPT SIDEWALL RIGHT	25-57-10
MODULE - CCM 24L CARGO CONTROL, M262	6	1	MAIN CARGO COMPT SIDEWALL LEFT	25-57-10

* SEE THE WDM EQUIPMENT LIST











AFA AND UTA COMBIS

AFA COMBIS ONLY

Main Deck Cargo Handling System - Component Index
Figure 101 (Sheet 1)**Figure 72 25-57 Main Deck Cargo Handling System Comp. Index Fig. 101 (Sheet 1)**

964583

**Lufthansa
Technical Training**

COMPONENT	FIG. 102 SHT	QTY	ACCESS/AREA	REFERENCE	
PANEL - MASTER CARGO CONTROL, M1	5	1	MAIN CARGO COMPT SIDEWALL LEFT	25-57-09	
PANEL - REMOTE CARGO CONTROL, M10	6	1	MAIN CARGO COMPT SIDEWALL RIGHT	25-57-12	
PANEL - 20 FT CARGO CONTROL, M456	7	1	MAIN CARGO COMPT SIDEWALL LEFT	25-57-13	
RELAY - (REF 31-01-45, FIG. 101)					
SYS CONT PWR, R150					
SWITCH ASSEMBLY - PDU 23R LIMIT, M337		3	1	MAIN CARGO COMPT FLOOR, M81	*
SWITCH ASSEMBLY - PDU 24 LIMIT, M159		3	1	MAIN CARGO COMPT FLOOR, M182	*
SWITCH - PDU 19L1 LIMIT, YV3S01		3	1	MAIN CARGO COMPT FLOOR, M971	*
SWITCH - PDU 19L1 LIMIT, YV3S02		3	1	MAIN CARGO COMPT FLOOR, M971	*
SWITCH - PDU 19L1 LIMIT, YV3S03		3	1	MAIN CARGO COMPT FLOOR, M971	*
SWITCH - PDU 19L2 LIMIT, YV3S01		3	1	MAIN CARGO COMPT FLOOR, M115	*
SWITCH - PDU 19L2 LIMIT, YV3S02		3	1	MAIN CARGO COMPT FLOOR, M115	*
SWITCH - PDU 19L2 LIMIT, YV3S03		3	1	MAIN CARGO COMPT FLOOR, M115	*
SWITCH - PDU 19R1 LIMIT, YV3S01		3	1	MAIN CARGO COMPT FLOOR, M972	*
SWITCH - PDU 19R1 LIMIT, YV3S02		3	1	MAIN CARGO COMPT FLOOR, M972	*
SWITCH - PDU 19R1 LIMIT, YV3S03		3	1	MAIN CARGO COMPT FLOOR, M972	*
SWITCH - PDU 19R2 LIMIT, YV3S01		3	1	MAIN CARGO COMPT FLOOR, M116	*
SWITCH - PDU 19R2 LIMIT, YV3S02		3	1	MAIN CARGO COMPT FLOOR, M116	*
SWITCH - PDU 19R2 LIMIT, YV3S03		3	1	MAIN CARGO COMPT FLOOR, M116	*
SWITCH - PDU 23R LIMIT, YC3S01		3	1	MAIN CARGO COMPT FLOOR, M337	*
SWITCH - PDU 23R LIMIT, YC3S02		3	1	MAIN CARGO COMPT FLOOR, M337	*
SWITCH - PDU 24 LIMIT, YC3S01		3	1	MAIN CARGO COMPT FLOOR, M159	*
SWITCH - PDU 24 LIMIT, YC3S02		3	1	MAIN CARGO COMPT FLOOR, M159	*
UNIT - PDU 19L1 POWER DRIVE, M971		3	1	MAIN CARGO COMPT FLOOR LEFT	25-57-01
UNIT - PDU 19L2 POWER DRIVE, M115		3	1	MAIN CARGO COMPT FLOOR RIGHT	25-57-01
UNIT - PDU 19R1 POWER DRIVE, M972		3	1	MAIN CARGO COMPT FLOOR LEFT	25-57-01
UNIT - PDU 19R2 POWER DRIVE, M116		3	1	MAIN CARGO COMPT FLOOR RIGHT	25-57-01
UNIT - PDU 20L POWER DRIVE, M973		2	1	MAIN CARGO COMPT FLOOR LEFT	25-57-01
UNIT - PDU 20R POWER DRIVE, M974		2	1	MAIN CARGO COMPT FLOOR RIGHT	25-57-01
UNIT - PDU 21L POWER DRIVE, M975		2	1	MAIN CARGO COMPT FLOOR LEFT	25-57-01
UNIT - PDU 21R POWER DRIVE, M976		2	1	MAIN CARGO COMPT FLOOR RIGHT	25-57-01
UNIT - PDU 22L POWER DRIVE, M977		2	1	MAIN CARGO COMPT FLOOR LEFT	25-57-01
UNIT - PDU 22R POWER DRIVE, M978		2	1	MAIN CARGO COMPT FLOOR RIGHT	25-57-01
UNIT - PDU 23R POWER DRIVE, M81		3	1	MAIN CARGO COMPT FLOOR RIGHT	25-57-01
UNIT - PDU 24 POWER DRIVE, M182		3	1	MAIN CARGO COMPT FLOOR RIGHT	25-57-01

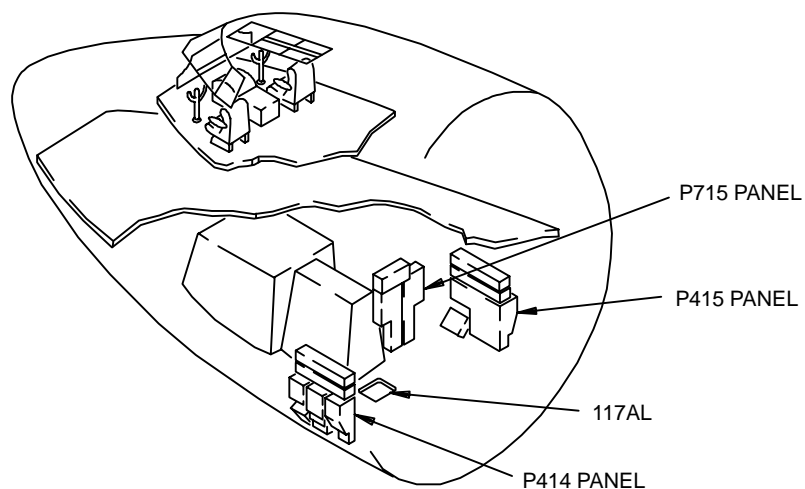
* SEE THE WDM EQUIPMENT LIST

Main Deck Cargo Handling System - Component Index
Figure 101 (Sheet 2)

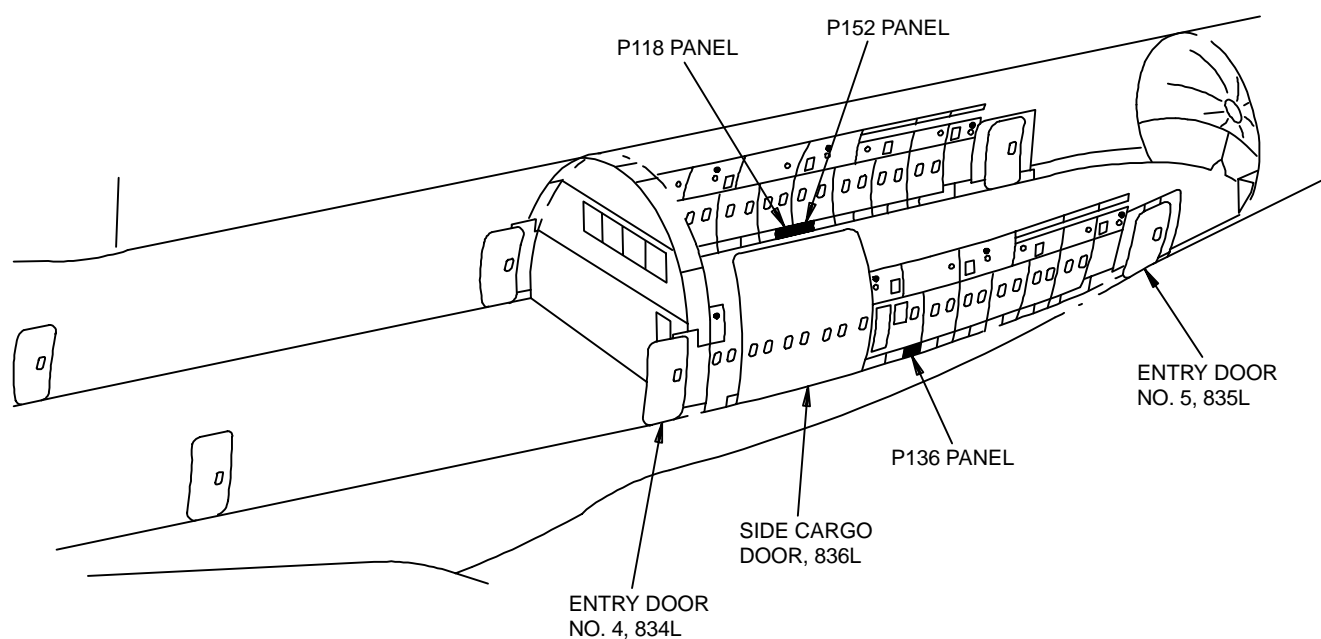
Figure 73 25-57 Main Deck Cargo Handling System Comp. Index Fig. 101 (Sheet 2)

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MAIN EQUIPMENT CENTER



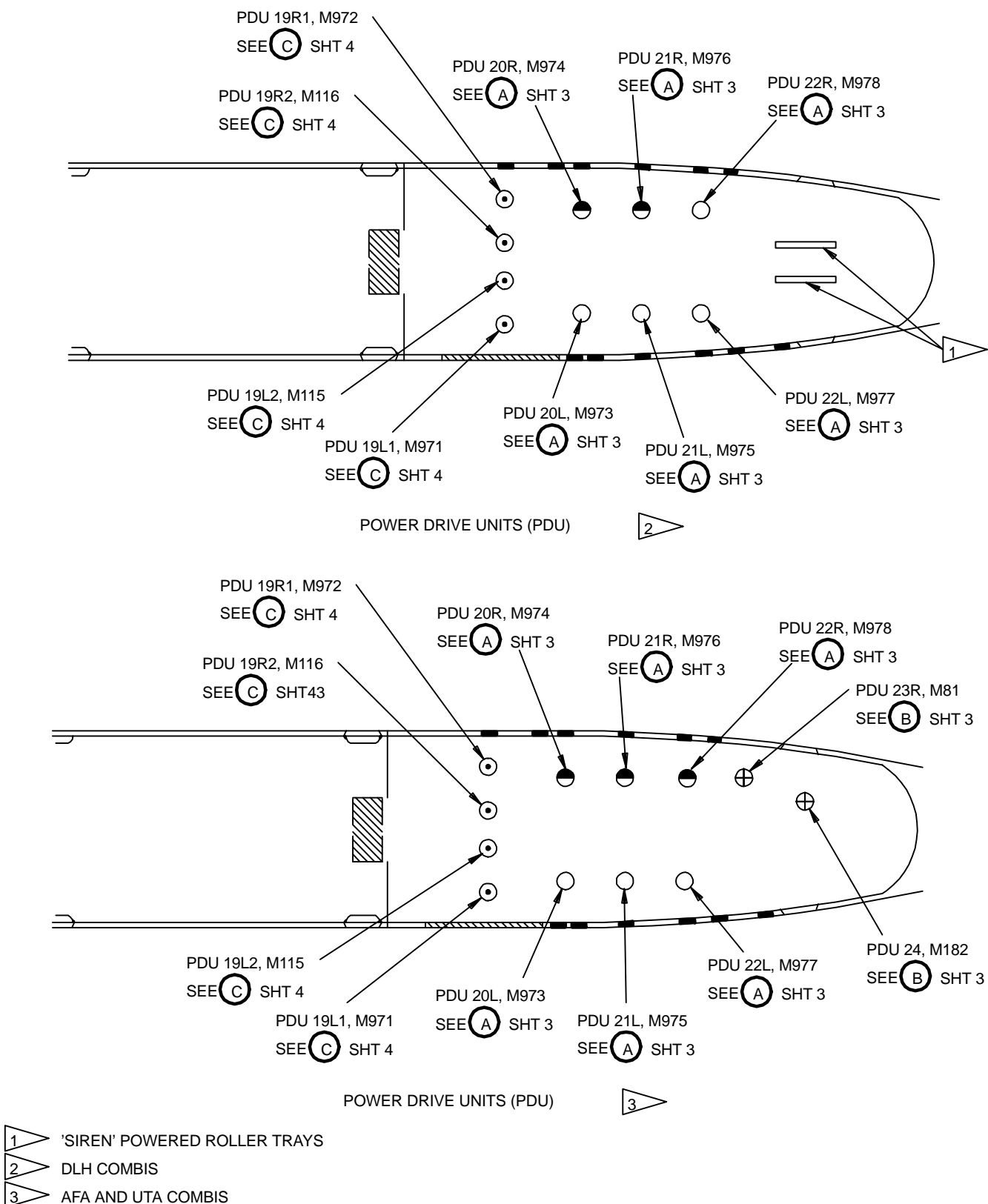
MAIN DECK CARGO COMPT

Main Deck Cargo Handling System - Component Location
Figure 102 (Sheet 1)

Figure 74 25-57 Main Deck Cargo Handl. System Comp. Loc. Fig. 102 (Sheet 1)

796065



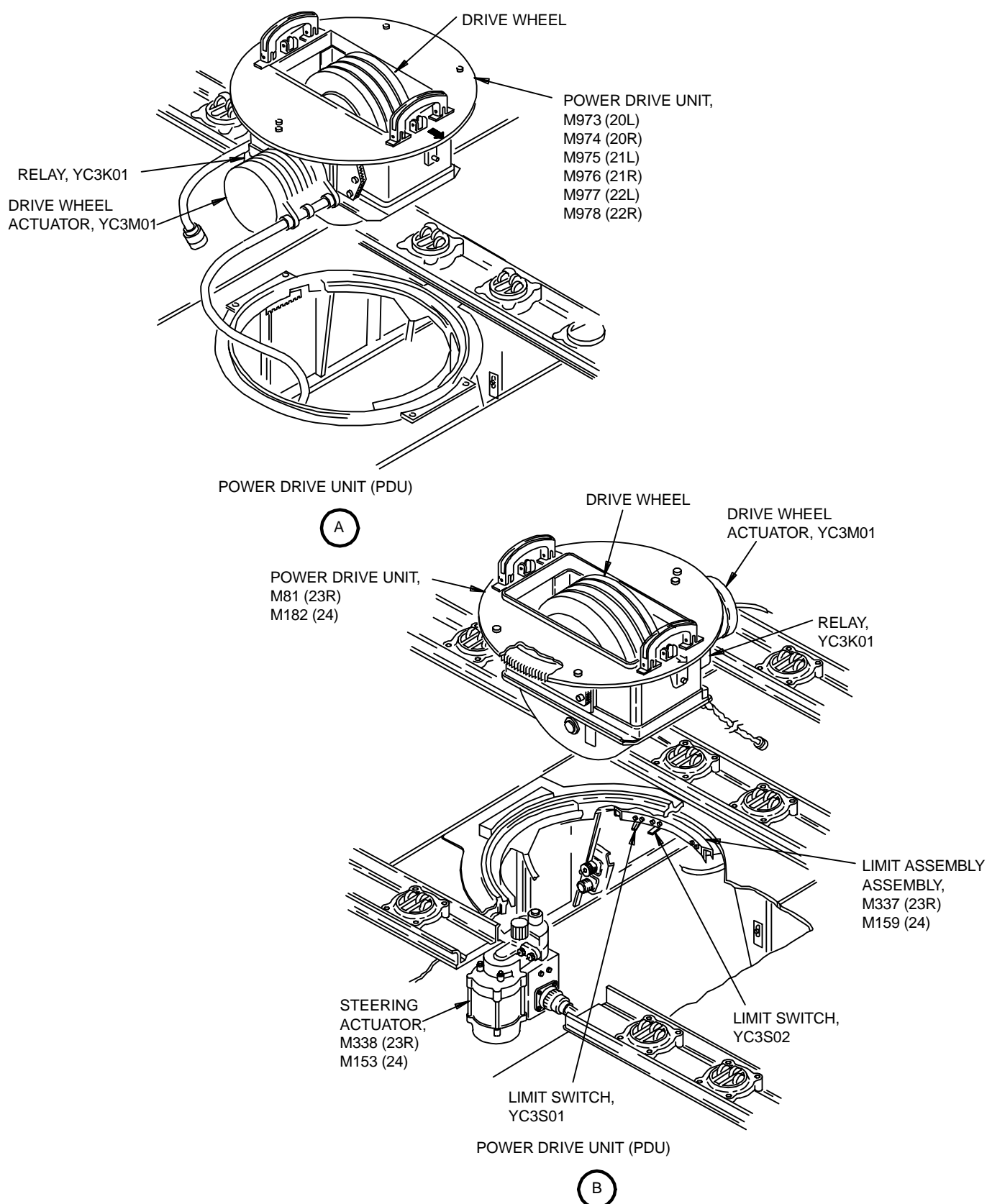


Main Deck Cargo Handling System - Component Location
Figure 102 (Sheet 2)

796076

Figure 75 25-57 Main Deck Cargo Handl. System Comp. Loc. Fig. 102 (Sheet 2)



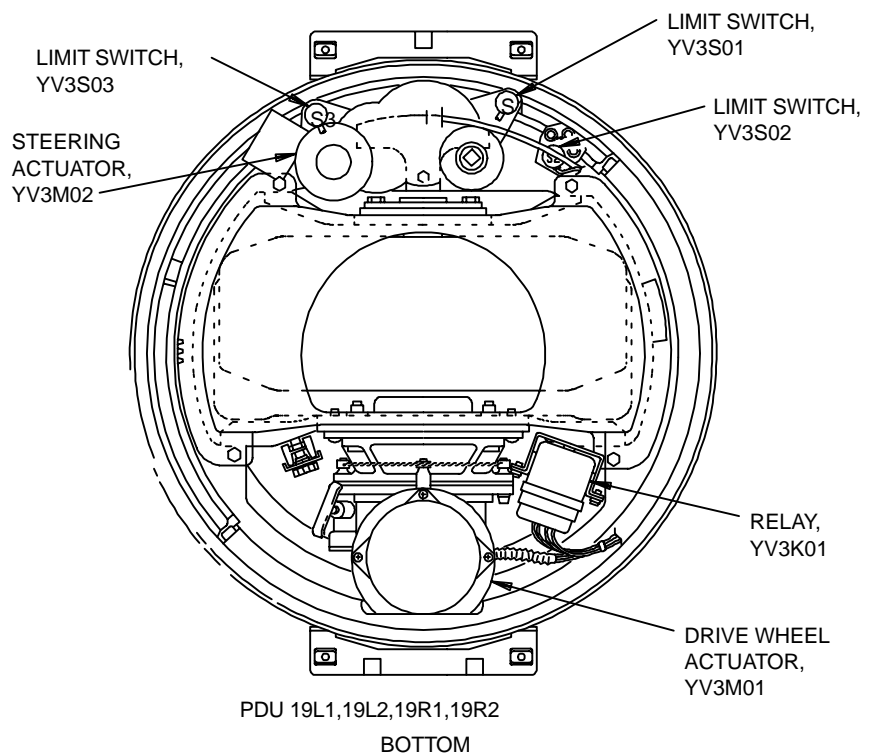
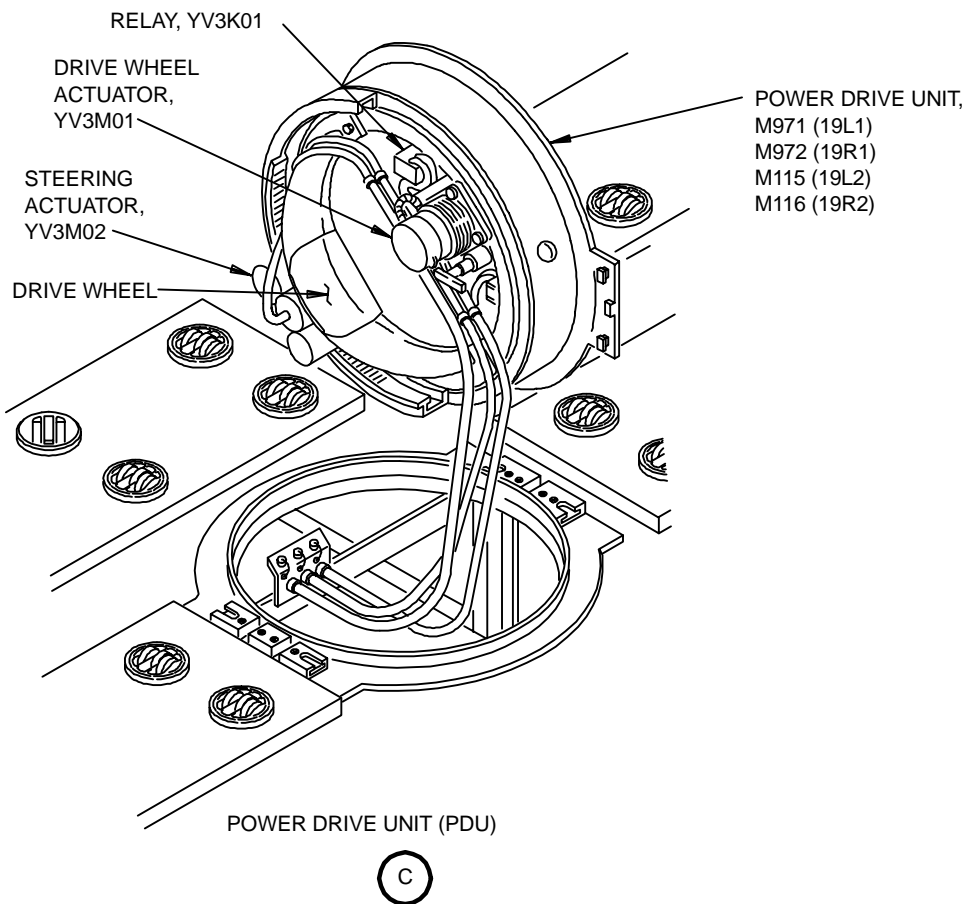


Main Deck Cargo Handling System - Component Location (Details From Sht 2)

Figure 102 (Sheet 3)

966318

Figure 76 25-57 Main Deck Cargo Handl. System Comp. Loc. Fig. 102 (Sheet 3)



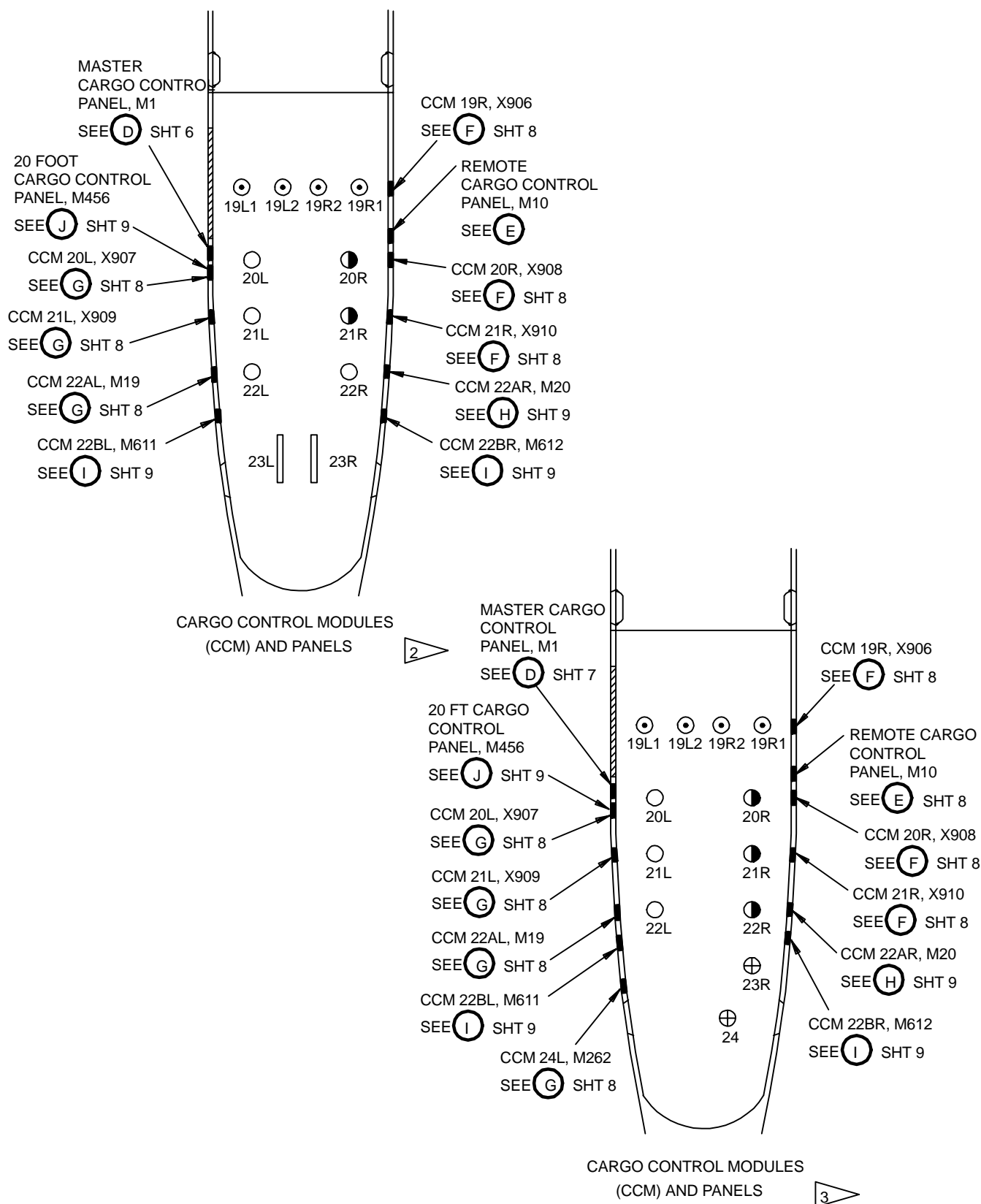
Main Deck Cargo Handling System - Component Location (Details From Sht 2)

Figure 102 (Sheet 4)

966321

Figure 77 25-57 Main Deck Cargo Handl. System Comp. Loc. Fig. 102 (Sheet 4)



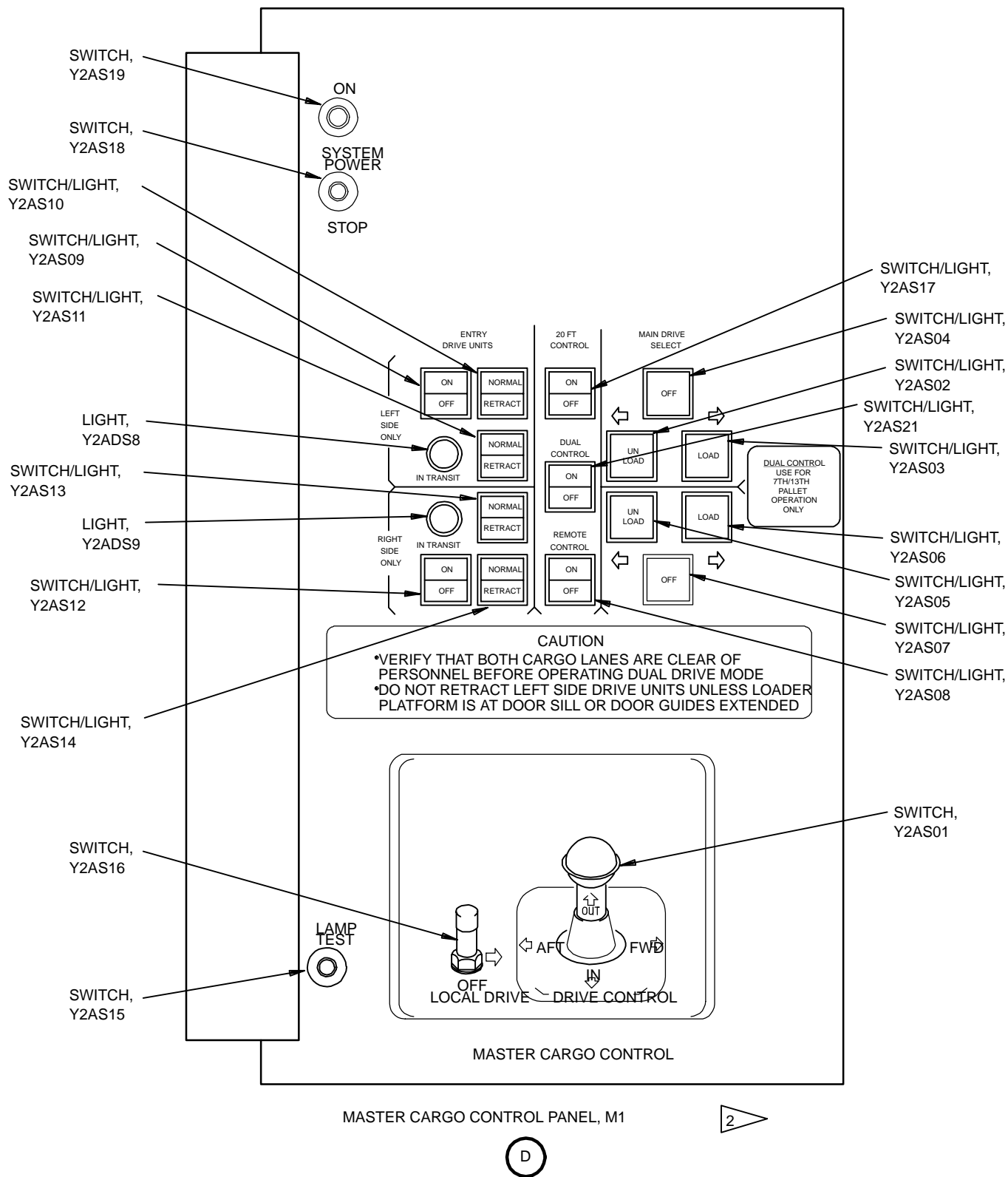


Main Deck Cargo Handling System - Component Location
Figure 102 (Sheet 5)

Figure 78 25-57 Main Deck Cargo Handl. System Comp. Loc. Fig. 102 (Sheet 5)

796334



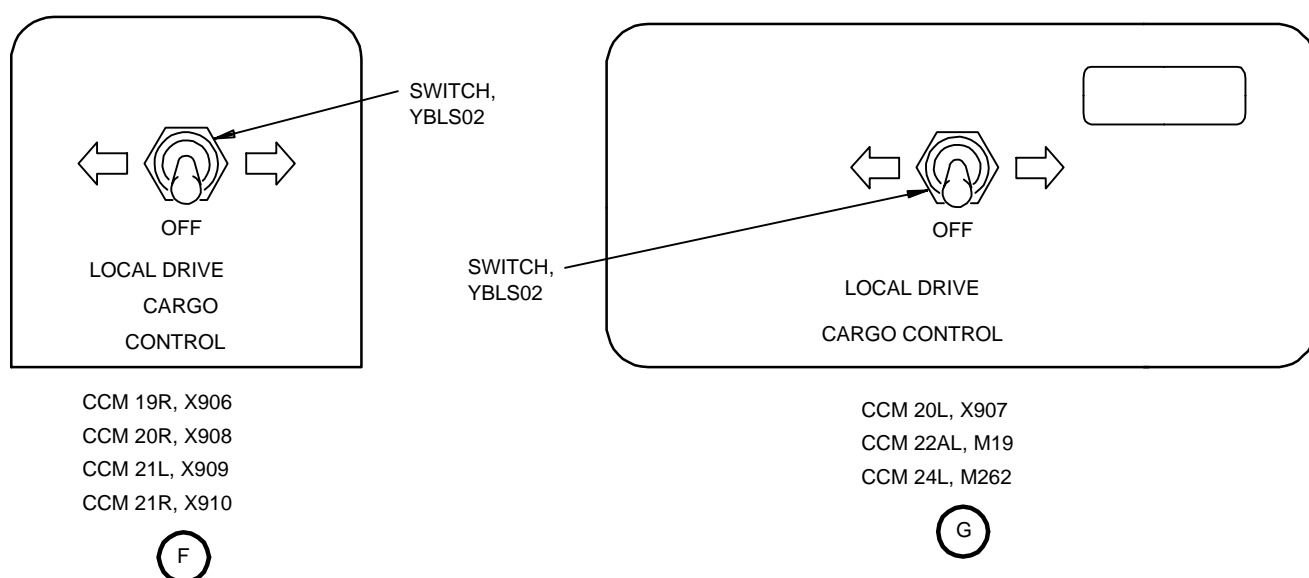
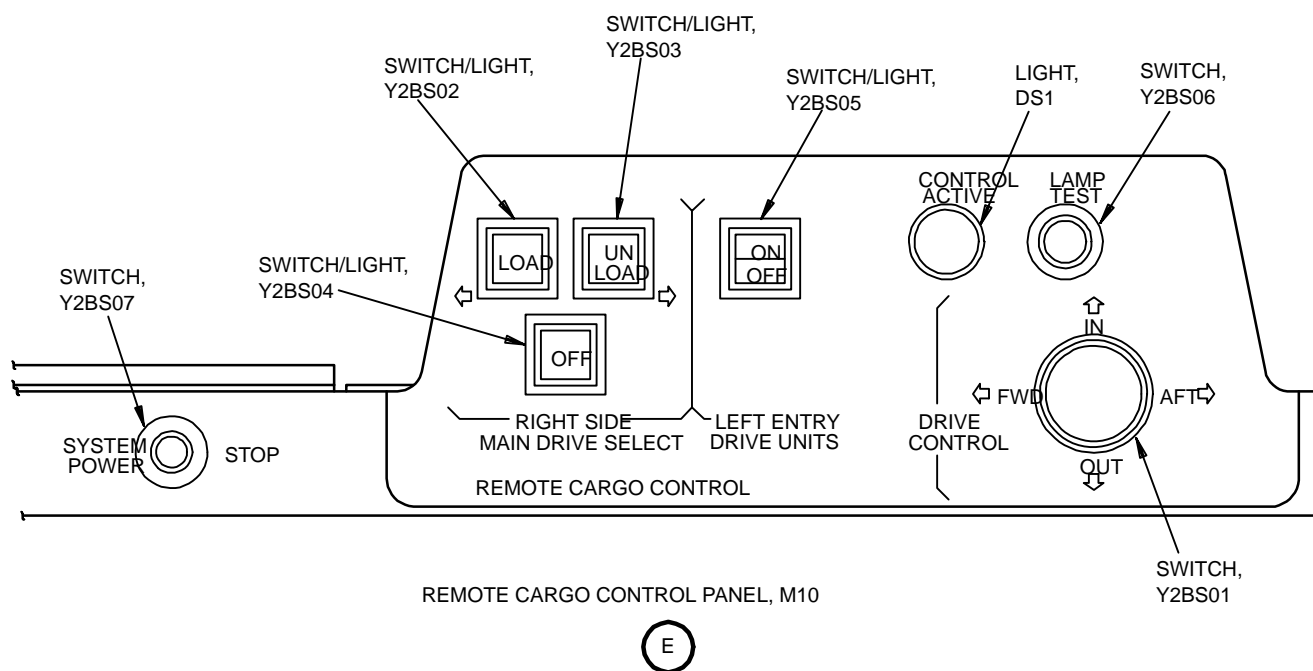


Main Deck Cargo Handling System - Component Location (Detail from Sht 5)
Figure 102 (Sheet 6)

796368

Figure 79 25-57 Main Deck Cargo Handl. System Comp. Loc. Fig. 102 (Sheet 6)



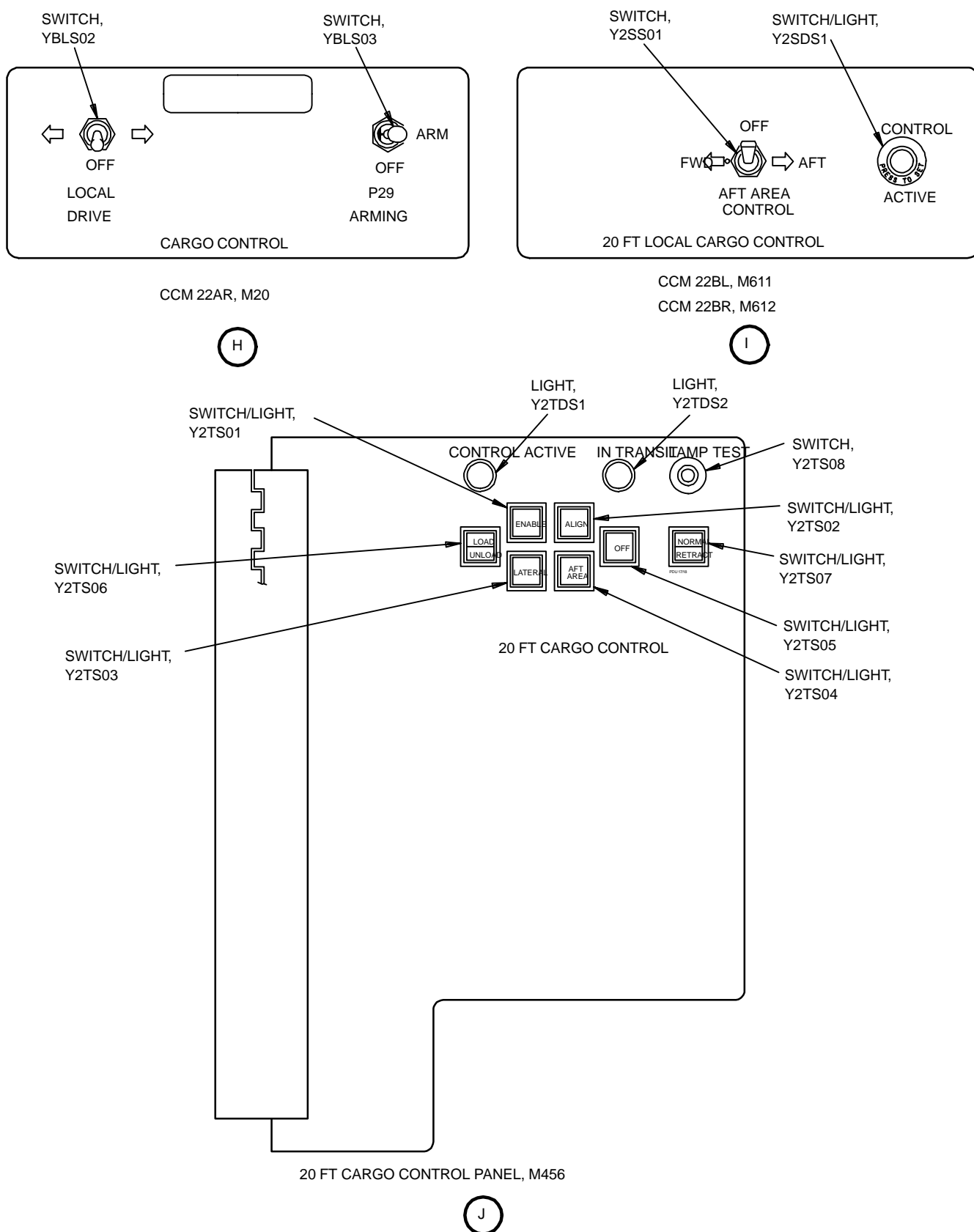


Main Deck Cargo Handling System - Component Location (Details from Sht 5)
Figure 102 (Sheet 8)

Figure 80 25-57 Main Deck Cargo Handl. System Comp. Loc. Fig. 102 (Sheet 8)

966374





Main Deck Cargo Handling System - Component Location (Details from Sht 5)

Figure 102 (Sheet 9)

966378

Figure 81 25-57 Main Deck Cargo Handl. System Comp. Loc. Fig. 102 (Sheet 9)



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25-65 DOOR 3 ESCAPE SLIDE

COMPONENT INDEX AND LOCATION

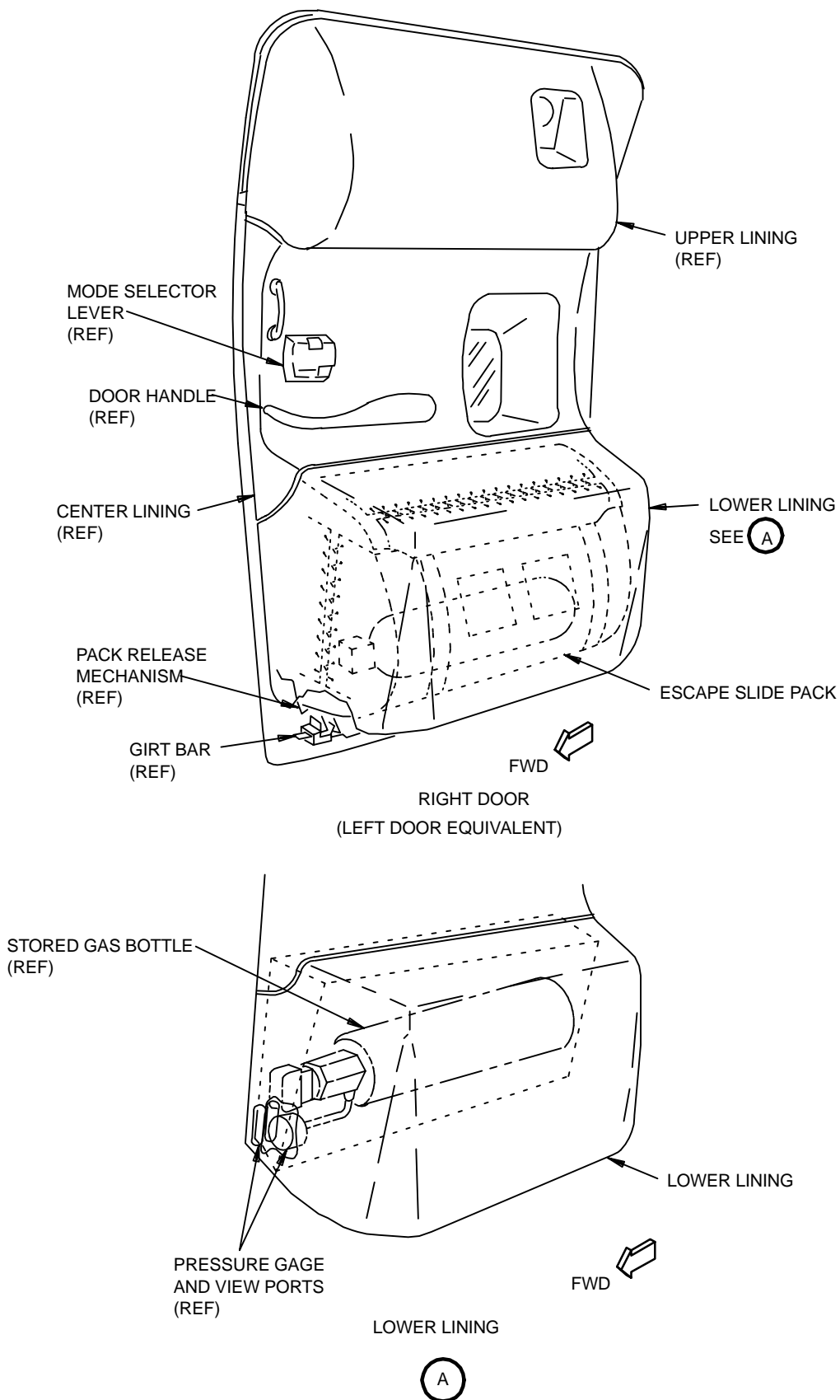
DOOR 3 ESCAPE SLIDE

COMPONENT	FIG. 102 SHT	QTY	ACCESS/AREA	REFERENCE
BAR - (25-69-00/101) GIRT LINING - LOWER LOCK - (25-69-00/101) GIRT BAR PACK - DOOR 3 ESCAPE SLIDE	--	2	PART OF EACH MAIN ENTRY DOOR 3	25-65-00
RESERVOIR - (52-11-00/101) EMERGENCY POWER TRIGGER - (52-11-00/101) EMERGENCY POWER SYSTEM	--	2	BEHIND THE LOWER LINING OF EACH MAIN ENTRY DOOR 3	25-65-16

Figure 82 25-65 Door 3 Escape Slide Component Index

336648





Door 3 Escape Slide - Component Location
Figure 102

Figure 83 25-65 Door 3 Escape Slide Comp. Location Fig. 102

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25-68 FLOOR - MOUNTED ESCAPE SLIDE

COMPONENT INDEX AND LOCATION



FLOOR-MOUNTED ESCAPE SLIDE

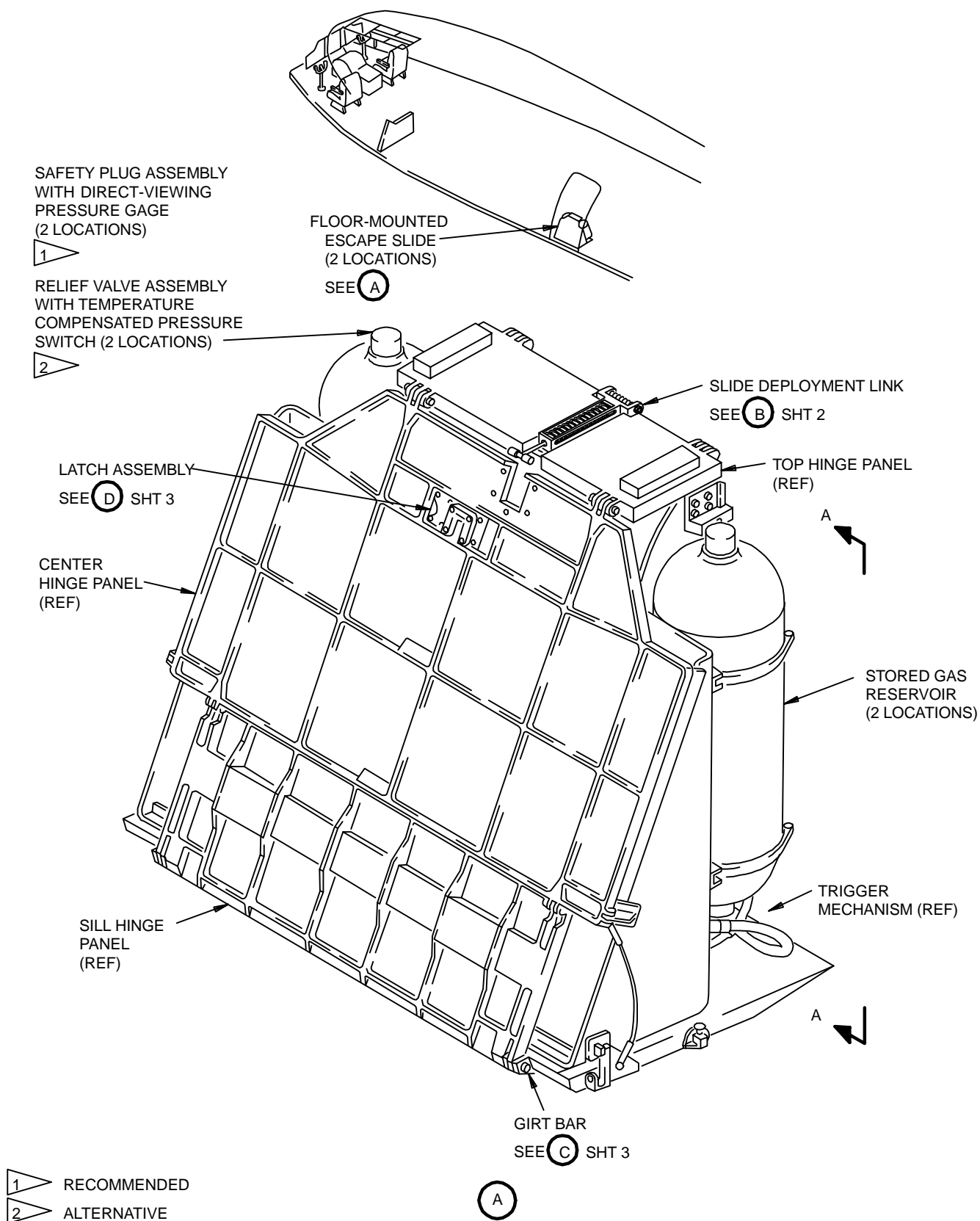
COMPONENT	FIG. 102 SHT	QTY	ACCESS/AREA	REFERENCE
ASSEMBLY - LATCH	1	2	CENTER HINGE PANEL OF EACH FLOOR-MOUNTED ESCAPE SLIDE PACK	25-68-00
BAR - GIRT	3	2	PART OF EACH FLOOR-MOUNTED ESCAPE SLIDE PACK	25-68-00
LINK - SLIDE DEPLOYMENT	1	2	TOP HINGE PANEL OF EACH FLOOR- MOUNTED ESCAPE SLIDE PACK	25-68-00
PACK - FLOOR-MOUNTED ESCAPE SLIDE	1	2	INBOARD OF EACH UPPER DECK DOOR	25-68-00
RESERVOIR - STORED GAS	1	4	PART OF EACH FLOOR-MOUNTED ESCAPE SLIDE PACK	25-68-02

Floor-Mounted Escape Slide - Component Index
Figure 101

336647

Figure 84 25-68 Floor-Mounted Escape Slide Comp. Index Fig.101



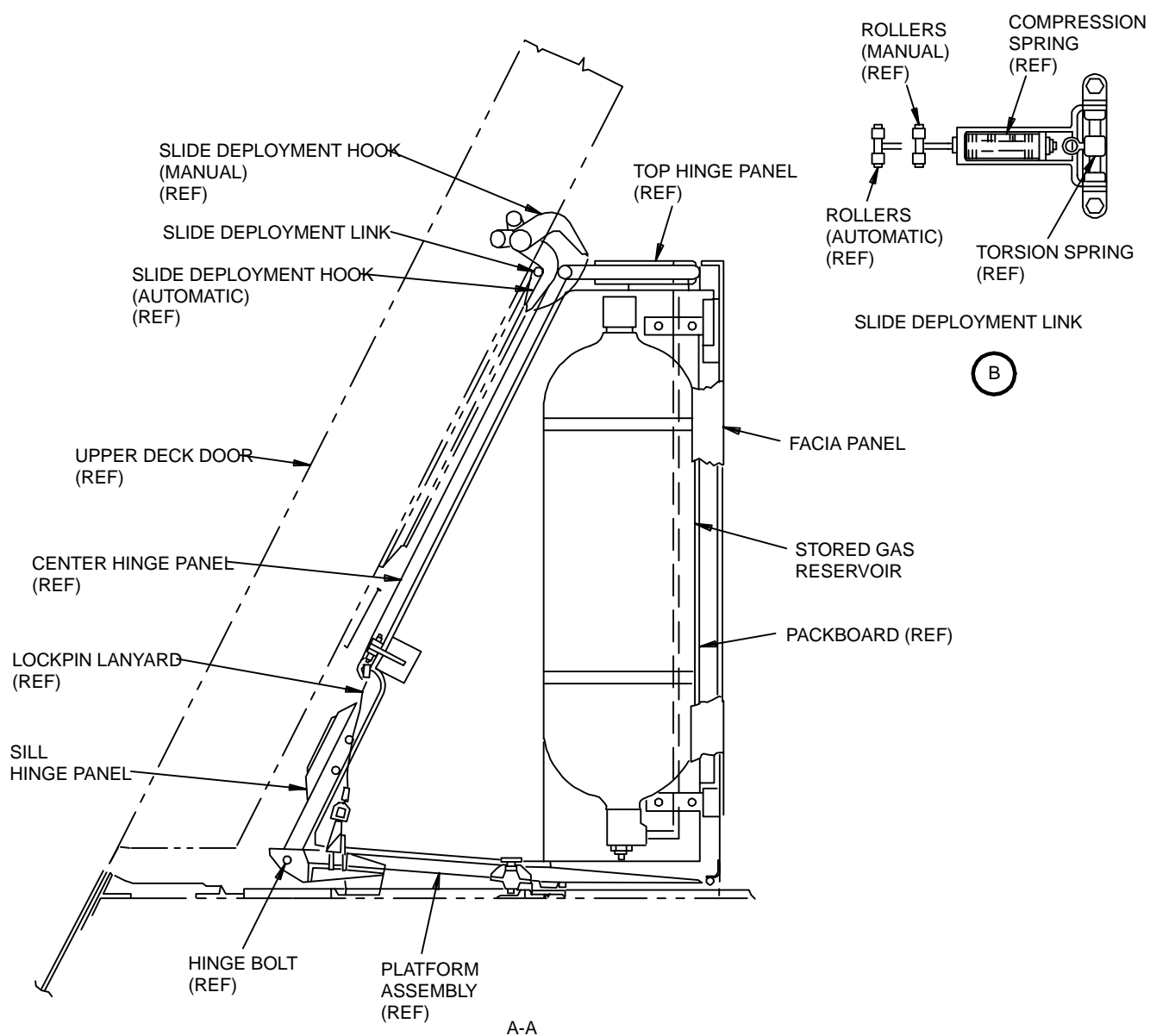


Floor-Mounted Escape Slide - Component Location
Figure 102 (Sheet 1)

Figure 85 25-68 Floor-Mounted Escape Slide Comp. Location Fig. 102 (Sheet 1)

577675



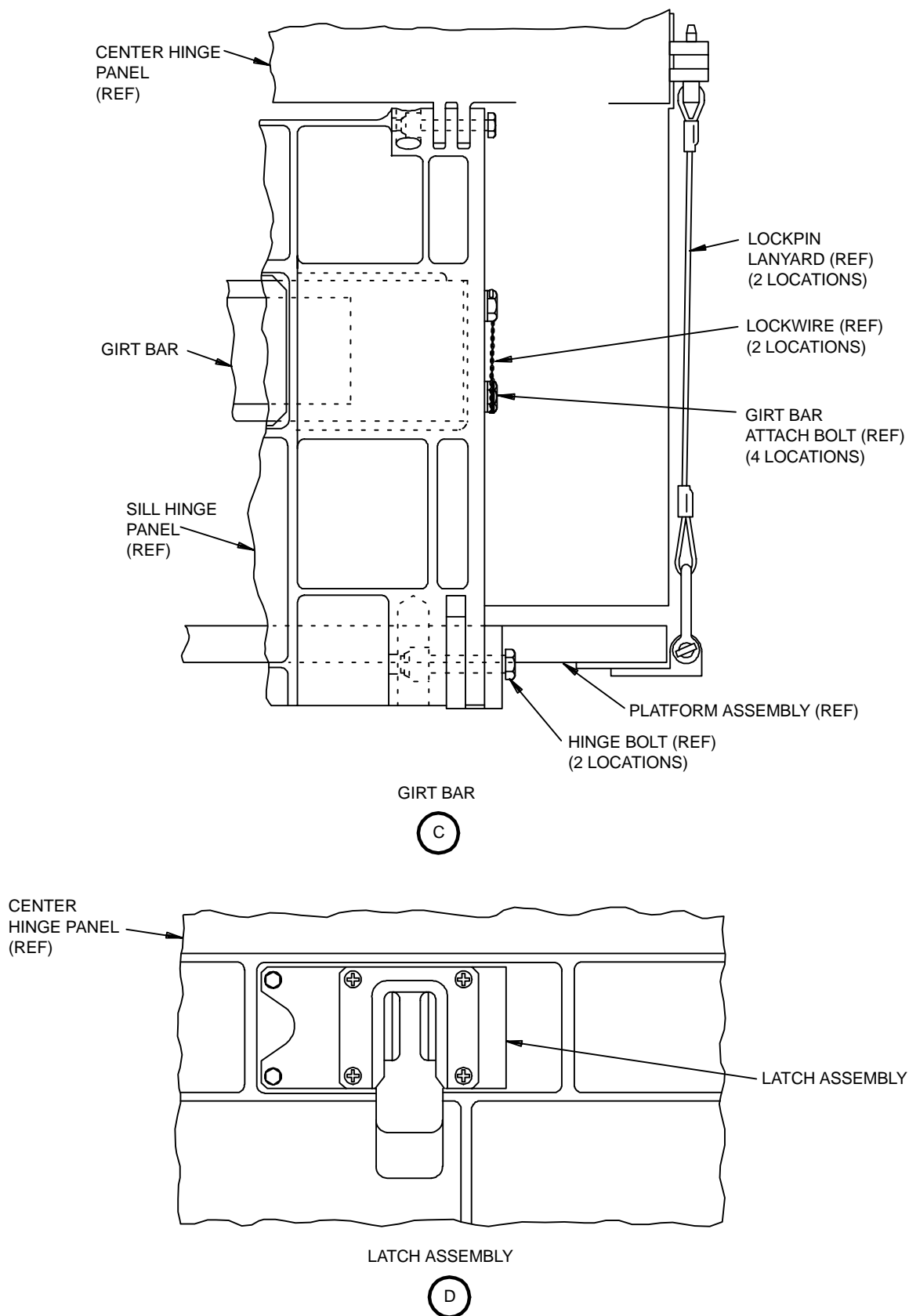


Floor-Mounted Escape Slide - Component Location (Details From Sht 1)
Figure 102 (Sheet 2)

Figure 86 25-68 Floor-Mounted Escape Slide Comp. Location Fig. 102 (Sheet 2)

577677





Floor Mounted Escape Slide - Component Location (Details From Sht 1)

Figure 102 (Sheet 3)

577680

Figure 87 25-68 Floor-Mounted Escape Slide Comp. Location Fig. 102 (Sheet 3)

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25-69 DOOR MOUNTED ESCAPE SLIDE / RAFT

COMPONENT INDEX AND LOCATION



DOOR-MOUNTED ESCAPE SLIDE/RAFT

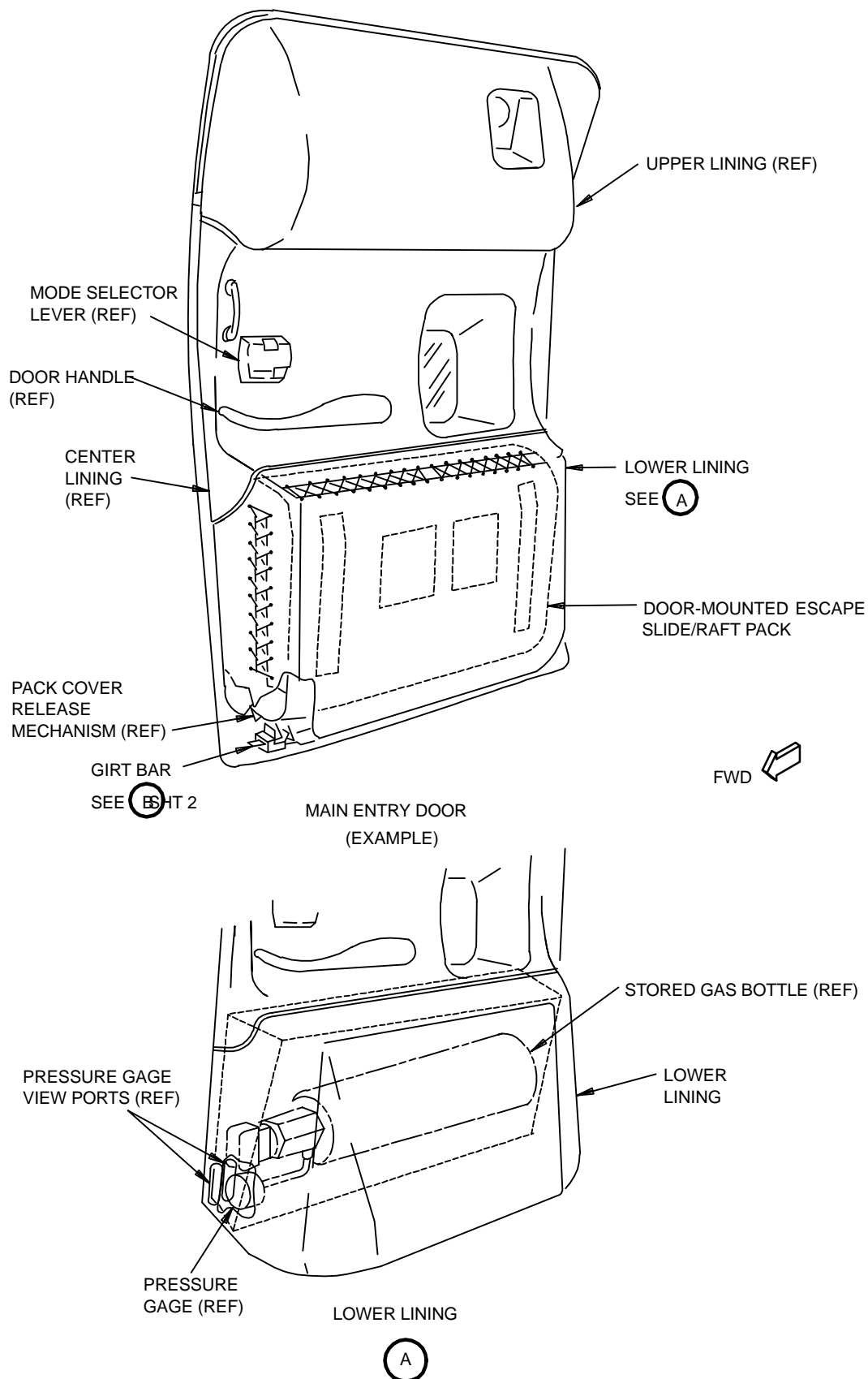
COMPONENT	FIG. 102 SHT	QTY	ACCESS/AREA	REFERENCE
BAR - GIRT	1	8	BELOW EACH DOOR-MOUNTED ESCAPE SLIDE/RAFT PACK	25-69-03
KIT - SEA SURVIVAL	3	8	BEHIND LOWER LINING OF EACH MAIN ENTRY DOOR 1,2,4, AND 5	25-69-00
LINING - LOWER	1	8	PART OF EACH MAIN ENTRY DOOR 1, 2,4, AND 5	25-69-00
LOCK - GIRT BAR	2	20	ENDS OF EACH GIRT BAR	25-69-03
PACK - DOOR-MOUNTED ESCAPE SLIDE/RAFT	1	8	BEHIND LOWER LINING OF EACH MAIN ENTRY DOOR 1,2,4, AND 5	25-69-00
RESERVOIR - (52-11-00/101) EMERGENCY POWER				
TRIGGER - (52-11-00/101) EMERGENCY POWER SYSTEM				

Door-Mounted Escape Slide/Raft - Component Index
Figure 101

336651

Figure 88 25-69 Door-Mounted Escape Slide/Raft Comp. Index Fig. 101





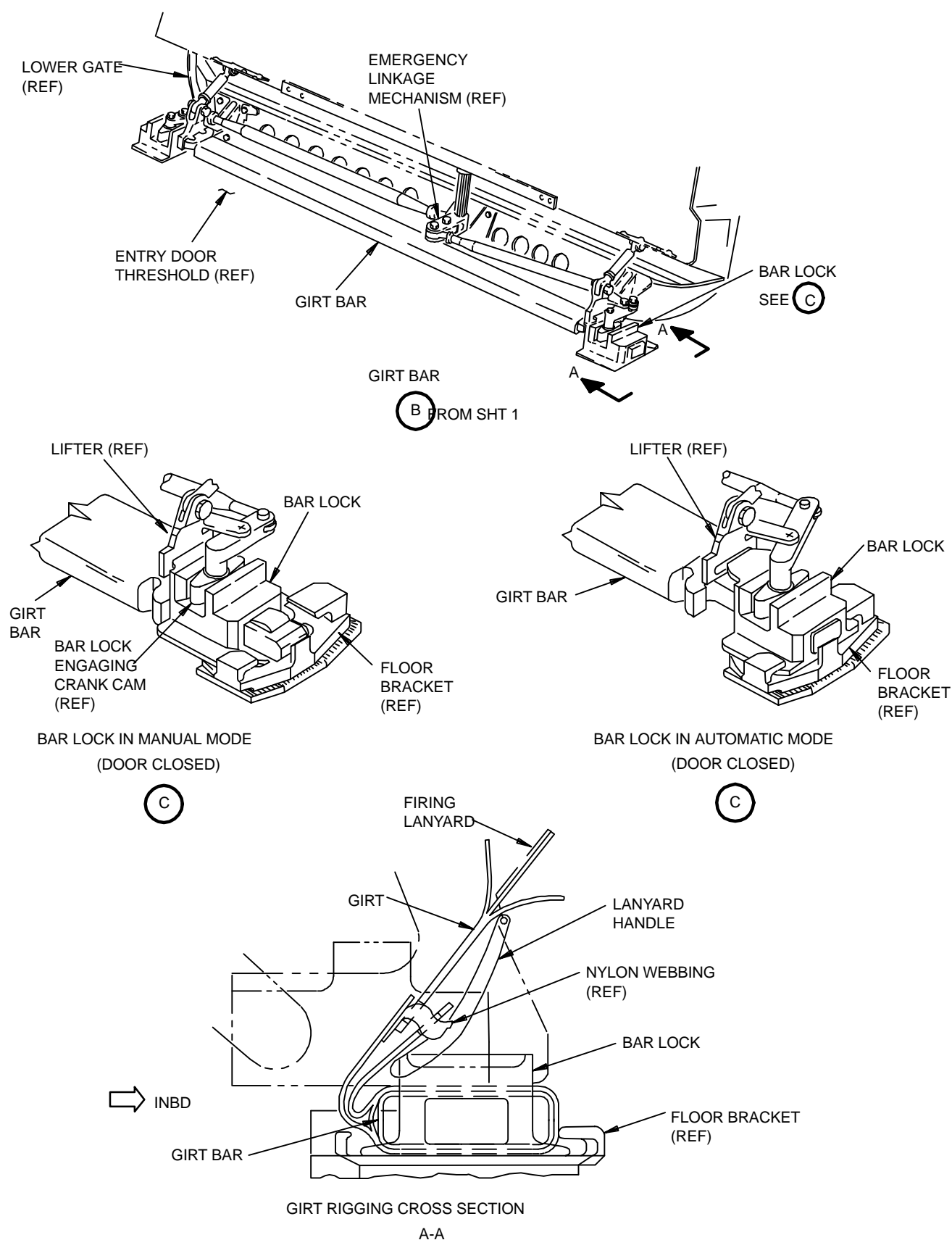
Door-Mounted Escape Slide/Raft - Component Location

Figure 102 (Sheet 1)

577666

Figure 89 25-69 Door-Mounted Escape Slide/Raft Comp. Loc. Fig. 102 (Sheet 1)



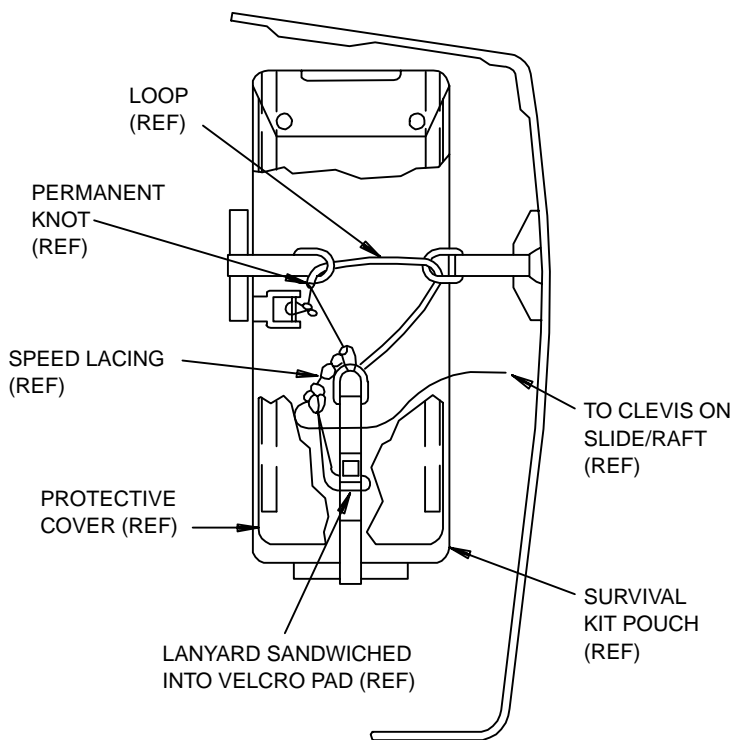


Door-Mounted Escape Slide/Raft - Component Location

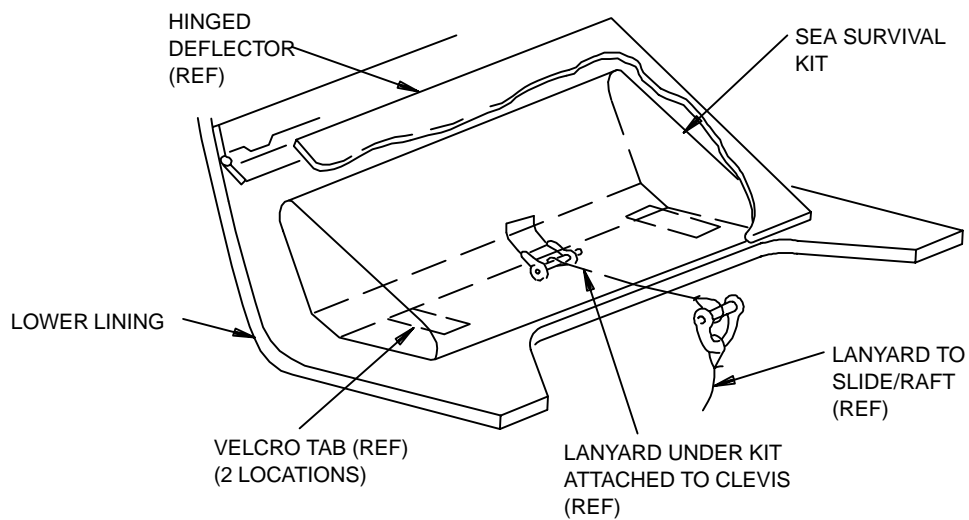
Figure 102 (Sheet 2)

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Figure 90 25-69 Door-Mounted Escape Slide/Raft Comp. Loc. Fig. 102 (Sheet 2)



DOOR 5 SEA SURVIVAL KIT



DOORS 1,2, AND 4
SEA SURVIVAL KIT

Door-Mounted Escape Slide/Raft - Component Location

Figure 102 (Sheet 3)

577671

Figure 91 25-69 Door-Mounted Escape Slide/Raft Comp. Loc. Fig. 102 (Sheet 3)



ATA 35 OXYGEN

35-1 1 CREW OXYGEN SYSTEM

COMPONENT INDEX AND LOCATION



FGM / FZE B1 LOCATIONS

Oxygen

- Indications
- Overpressure Disc



FGM / FZE B2 LOCATION

Oxygen System Components



CREW OXYGEN SYSTEM

COMPONENT	FIG. 102 SHT	QTY	ACCESS/AREA	REFERENCE
AVERAGING UNIT - VOLTAGE, M992	1	1	FWD CARGO COMPT RIGHT SIDEWALL	35-11-12
BOX - MASK STOWAGE	1	4	FLIGHT COMPARTMENT	35-11-18
CIRCUIT BREAKER - OXYGEN VALVE & IND, C364	1	1	FLIGHT COMPARTMENT, P7 7D4	*
COMPENSATOR - THERMAL	2	2	FWD CARGO COMPT RIGHT SIDEWALL	35-11-02
COMPUTERS - (REF 31-61-00/101, FIG. 101)				
EICAS INTERFACE UNIT CENTER, M7352		1		
EICAS INTERFACE UNIT LEFT, M7353		1		
EICAS INTERFACE UNIT RIGHT, M7351		1		
COUPLING - ASSEMBLY	2	2	FWD CARGO COMPT RIGHT SIDEWALL	35-11-04
CYLINDER - CREW OXYGEN	1	2	FWD CARGO COMPT RIGHT SIDEWALL	12-15-08
GAGE - PRESSURE	2	2	FWD CARGO COMPT RIGHT SIDEWALL	35-11-00
INDICATOR - EXTERNAL SERVICING PANEL, M110	1	1	FWD CARGO COMPT RIGHT SIDEWALL	35-11-15
MASK	3	4	FLIGHT COMPARTMENT	35-11-18
PORT - FILLER	1	1	FWD CARGO COMPT RIGHT SIDEWALL	35-11-00
PORT AND INDICATOR - OVERBOARD DISCHARGE	1	1	FWD CARGO COMPT RIGHT SIDEWALL (OUTSIDE ON AIRPLANE SKIN)	35-11-10
REDUCER - PRESSURE	2	2	FWD CARGO COMPT RIGHT SIDEWALL	35-11-04
REGULATOR - DILUTER DEMAND	3	4	FLIGHT COMPARTMENT	35-11-18
REGULATOR - PRESSURE	1	1	FLIGHT COMPARTMENT	35-11-05
TRANSDUCER - PRESSURE, T470 AND T552	2	2	FWD CARGO COMPT RIGHT SIDEWALL	35-11-03
VALVE - CHECK	2	2	FWD CARGO COMPT RIGHT SIDEWALL	35-11-09

* SEE THE WDM EQUIPMENT LIST

Crew Oxygen System - Component Index
Figure 101 (Sheet 1)

601408

Figure 92 35-1 1 Crew Oxygen System Comp. Location Fig. 101(Sheet 1)

CREW OXYGEN SYSTEM

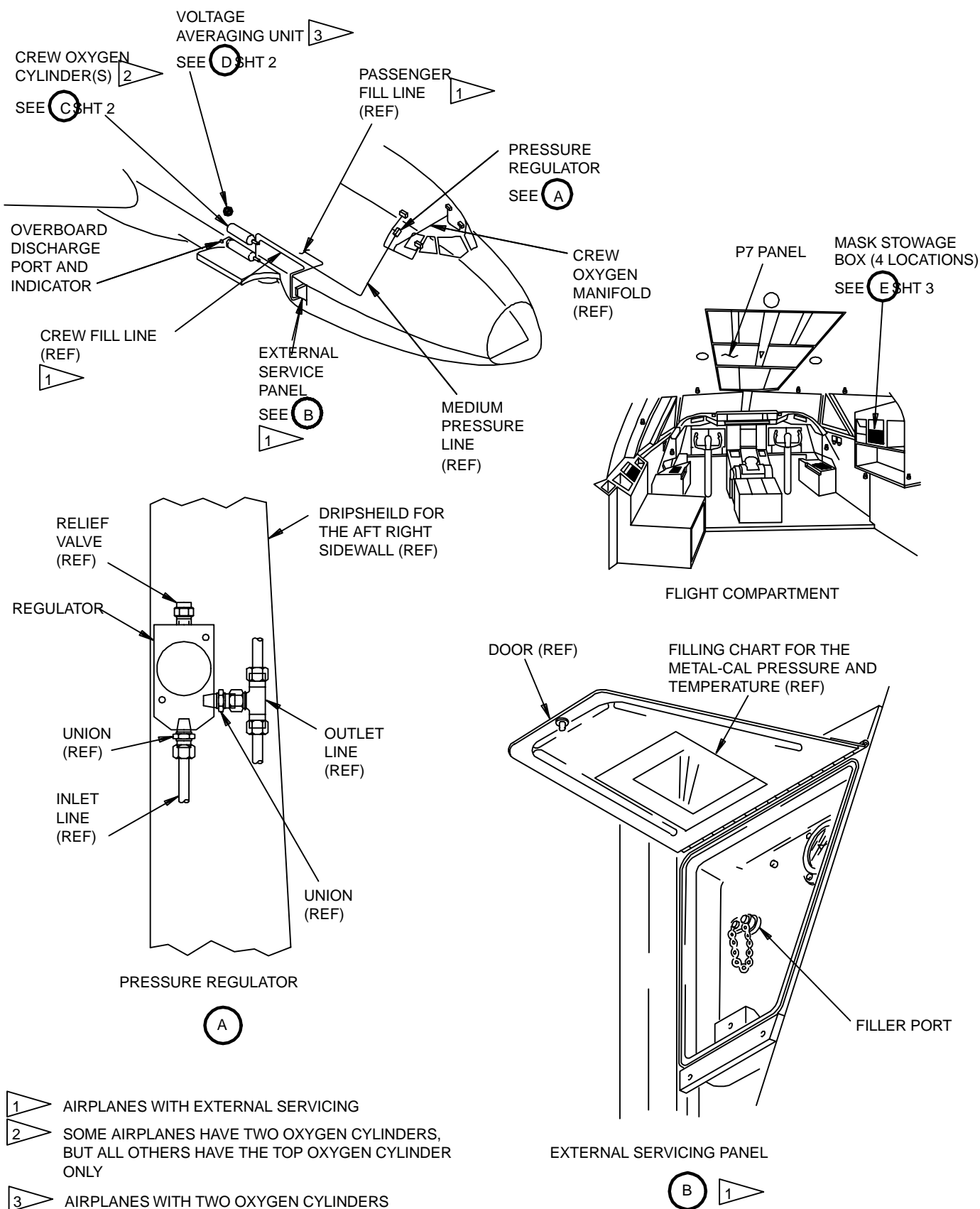
COMPONENT	FIG. 102 SHT	QTY	ACCESS/AREA	REFERENCE
BOX - MASK STOWAGE	1	4	FLIGHT COMPARTMENT	35-11-18
CIRCUIT BREAKER - OXYGEN VALVE & IND, C364	1	1	FLIGHT COMPARTMENT, P7 7D4	*
COMPUTERS - (REF 31-61-00/101, FIG. 101)				
EICAS INTERFACE UNIT CENTER, M7352		1		
EICAS INTERFACE UNIT LEFT, M7353		1		
EICAS INTERFACE UNIT RIGHT, M7351		1		
COUPLING - ASSEMBLY	2	1	FWD CARGO COMPT RIGHT SIDEWALL	35-11-04
CYLINDER - CREW OXYGEN	1	1	FWD CARGO COMPT RIGHT SIDEWALL	12-15-08
GAGE - PRESSURE	2	1	FWD CARGO COMPT RIGHT SIDEWALL	35-11-00
MASK	3	4	FLIGHT COMPARTMENT	35-11-18
PORT AND INDICATOR - OVERBOARD DISCHARGE	1	1	FWD CARGO COMPT RIGHT SIDEWALL (OUTSIDE ON AIRPLANE SKIN)	35-11-10
REDUCER - PRESSURE	2	1	FWD CARGO COMPT RIGHT SIDEWALL	35-11-04
REGULATOR - DILUTER DEMAND	3	4	FLIGHT COMPARTMENT	35-11-18
REGULATOR - PRESSURE	1	1	FLIGHT COMPARTMENT	35-11-05
TRANSDUCER - PRESSURE, T470	2	1	FWD CARGO COMPT RIGHT SIDEWALL	35-11-03

* SEE THE WDM EQUIPMENT LIST

Crew Oxygen System - Component Index
Figure 101 (Sheet 2)**Figure 93 35-1 1 Crew Oxygen System Comp. Index Fig. 101 (Sheet 2)**

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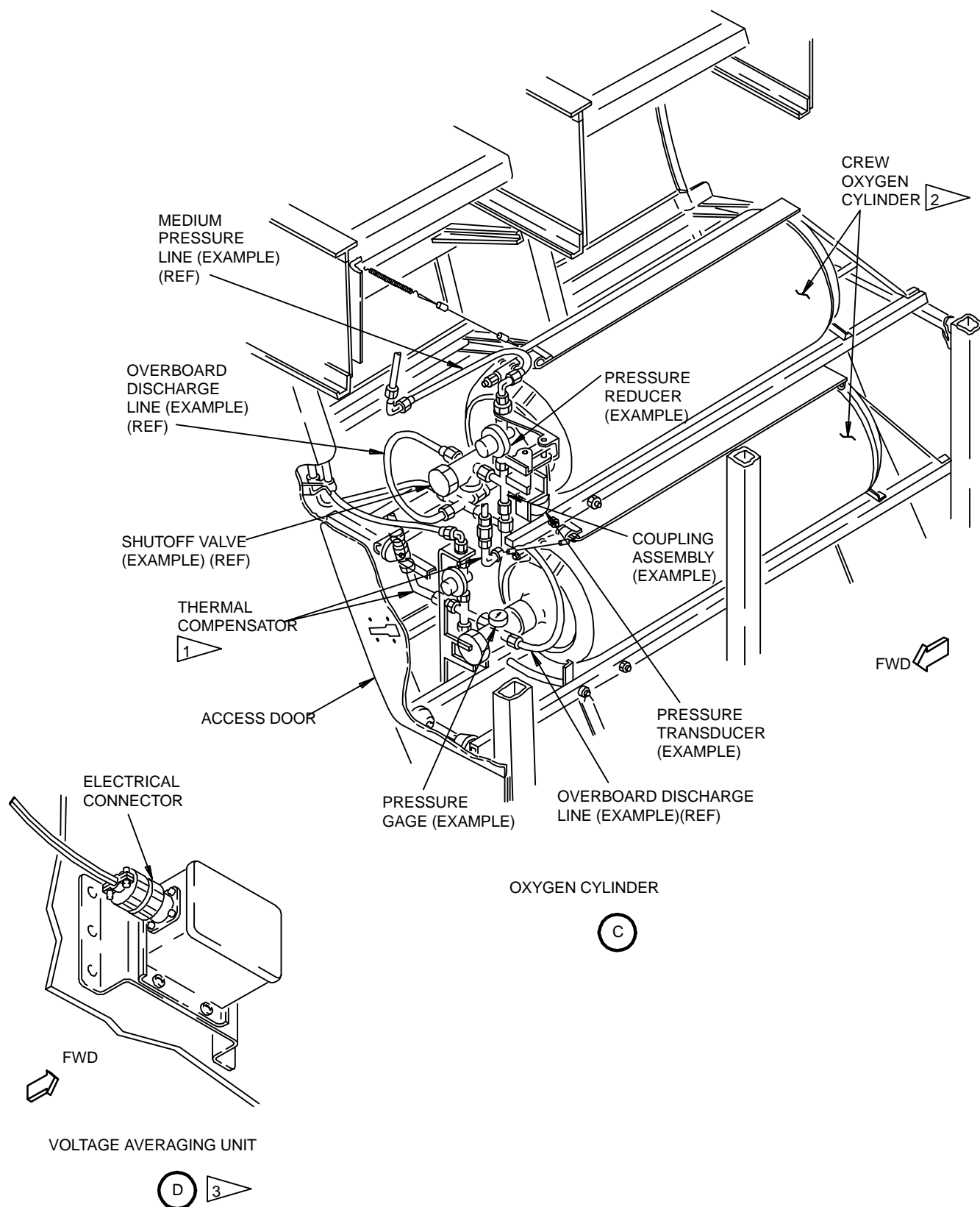
Crew Oxygen System - Component Location

Figure 102 (Sheet 1)

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Figure 94 35-1 1 Crew Oxygen System Comp. Location Fig. 102 (Sheet 1)



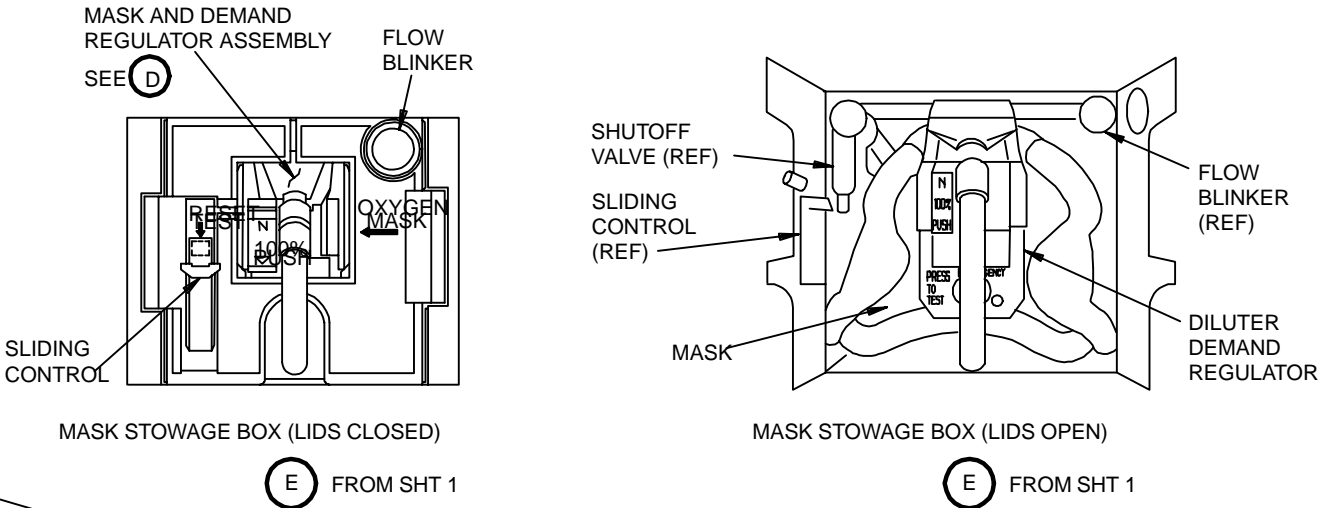
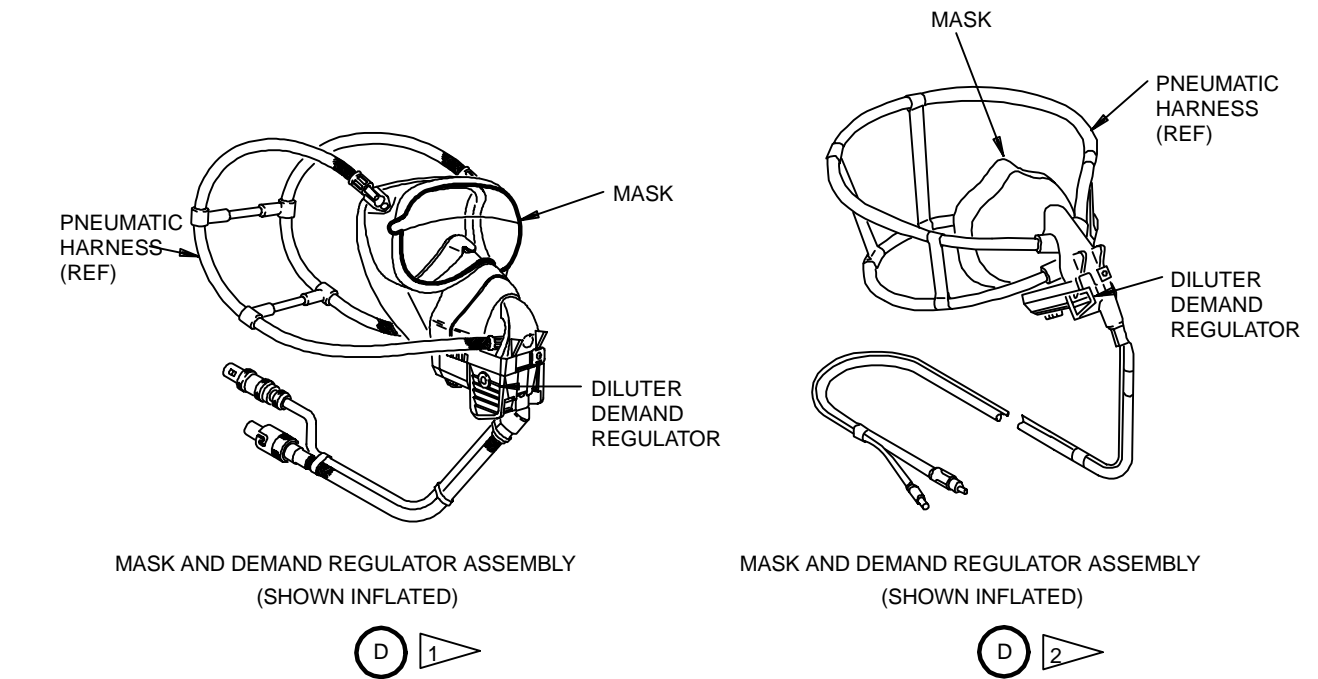


Crew Oxygen System - Component Location (Details From Sht 1)
Figure 102 (Sheet 2)

Figure 95 35-1 1 Crew Oxygen System Comp. Location Fig. 102 (Sheet 2)

760308





- 1 FULL FACE MASK
- 2 STATIONS WITHOUT FULL FACE MASK

Crew Oxygen System - Component Location
Figure 102 (Sheet 3)

Figure 96 35-1 1 Crew Oxygen System Comp. Location Fig. 102 (Sheet 3)

A80550

















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35-21 PASSENGER OXYGEN SYSTEM

COMPONENT INDEX AND LOCATION

PASSENGER OXYGEN SYSTEM

COMPONENT	FIG. 102 SHT	QTY	ACCESS/AREA	REFERENCE
ADAPTER - TEST	7	2	FWD CARGO COMPT, RIGHT SIDEWALL	
AVERAGING UNIT - VOLTAGE, M984	8	1	FWD CARGO COMPT, RIGHT SIDEWALL	35-21-10
BOX - OXYGEN	2		THROUGHOUT MAIN AND UPPER DECK AREAS	35-21-19
CIRCUIT BREAKERS -	1		FLT COMPT, P7	*
OXYGEN VALVE AND IND, C364		1	7D4	
OXY RESET PWR, C1712		1	7D3	
COMPENSATOR ASSEMBLY - THERMAL 	7		FWD CARGO COMPT, RIGHT SIDEWALL AND CEILING	35-21-07
COMPUTERS - (31-61-00/101)				
EICAS INTERFACE UNIT C, M7352		1		
EICAS INTERFACE UNIT L, M7353		1		
EICAS INTERFACE UNIT R, M7351		1		
CONTROL UNITS - ELECTROPNEUMATIC CONTINUOUS FLOW, M101, M123; AND M7258 	6	3	FWD CARGO COMPT, RIGHT SIDEWALL	35-21-04
CONTROL UNIT - PNEUMATIC CONTINUOUS FLOW 	6	1	FWD CARGO COMPT, RIGHT SIDEWALL	35-21-04
COUPLING - ASSEMBLY	7		FWD CARGO COMPT, RIGHT SIDEWALL AND CEILING	35-21-12
CYLINDER - PASSENGER OXYGEN	6		FWD CARGO COMPT, RIGHT SIDEWALL AND CEILING	12-15-08
GAGE - PRESSURE	7		FWD CARGO COMPT, RIGHT SIDEWALL AND CEILING	*
INDICATOR - EXTERNAL SERVICING PANEL, M110 	1	1	FWD CARGO COMPT, RIGHT SIDEWALL	35-11-15
MASK - PASSENGER OXYGEN			IN EACH OXYGEN BOX	35-21-06
PORT AND INDICATOR - OVERBOARD DISCHARGE	1	1	FWD CARGO COMPT, RIGHT SIDEWALL (OUTSIDE ON AIRPLANE SKIN)	35-11-10
REDUCER - PRESSURE	7		FWD CARGO COMPT, RIGHT SIDEWALL AND CEILING	35-21-12
RELAY - DECOMPRESSION, R36	1	1	P414 PANEL	35-21-17
SOLENOID - OXYGEN SYSTEM RESET	7	1	FWD CARGO COMPT, RIGHT SIDEWALL	35-21-18
SWITCH - OXYGEN CYLINDER 	8	1	FWD CARGO COMPT, RIGHT SIDEWALL	35-21-13
TRANSDUCER - PRESSURE	7		FWD CARGO COMPT, RIGHT SIDEWALL AND CEILING	35-21-11
VALVE - AUTOMATIC VENT	2	1	ABOVE THE RIGHT AFT PASSENGER ENTRY DOOR	35-21-02
VALVE - CHECK 	7		FWD CARGO COMPT, RIGHT SIDEWALL AND CEILING	35-21-14
VALVE ASSEMBLY - UNITIZED	5		IN EACH OXYGEN BOX	35-21-05

* SEE THE WDM EQUIPMENT LIST

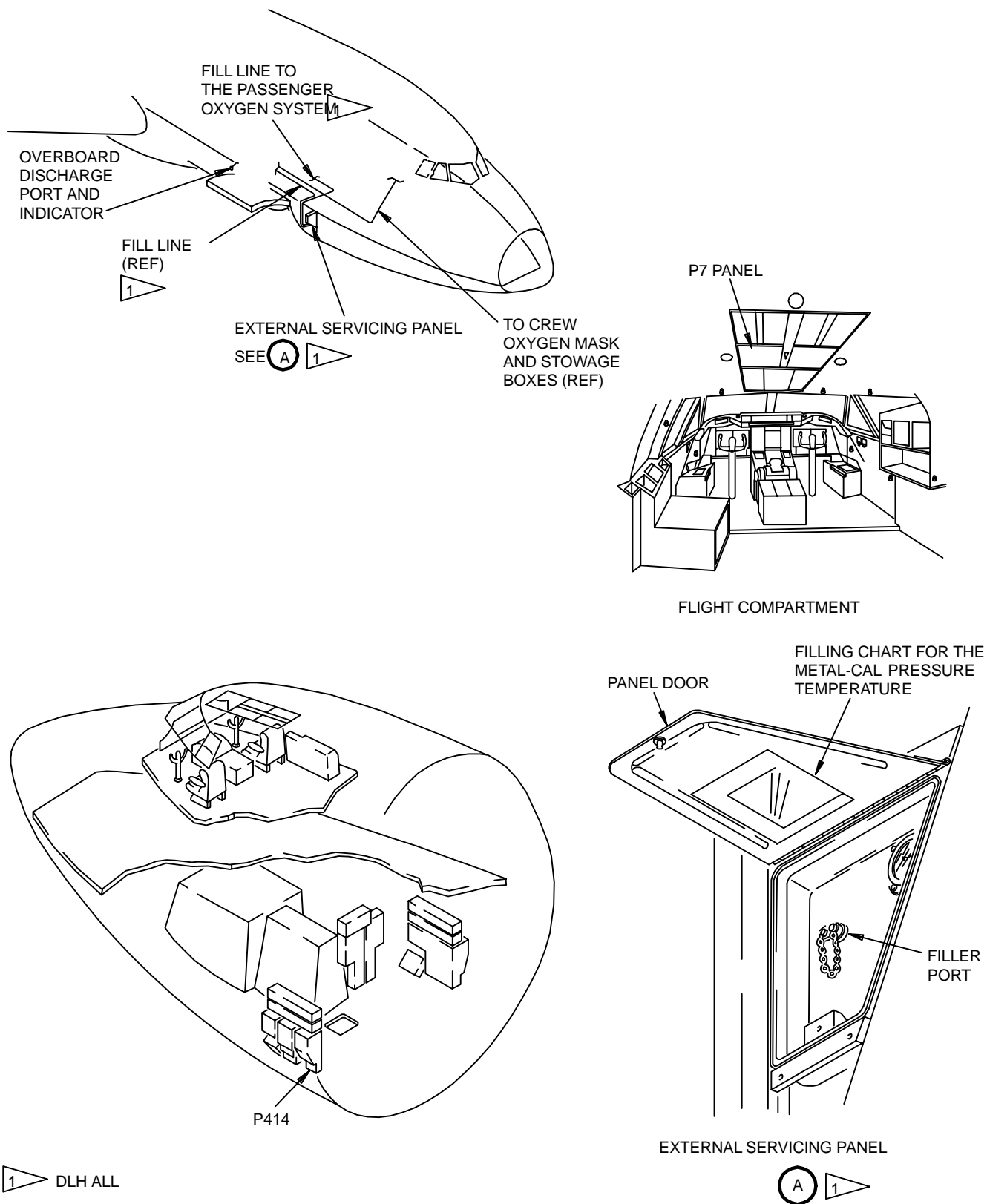
-  THE NUMBER OF OXYGEN BOXES, MASKS, AND UNITIZED VALVE ASSEMBLIES CAN CHANGE
-  AS SHOWN IN FWD RIGHT CARGO COMPT, RIGHT SIDEWALL AND CEILING
-  ATTACHED TO EACH CYLINDER
-  DLH ALL
-  DLH 001-009, 101-199; AFA
-  UTA; DLH 010-099

Passenger Oxygen System - Component Index
Figure 101

Figure 97 35-21 Passenger Oxygen System Comp. Index Fig. 101

601497



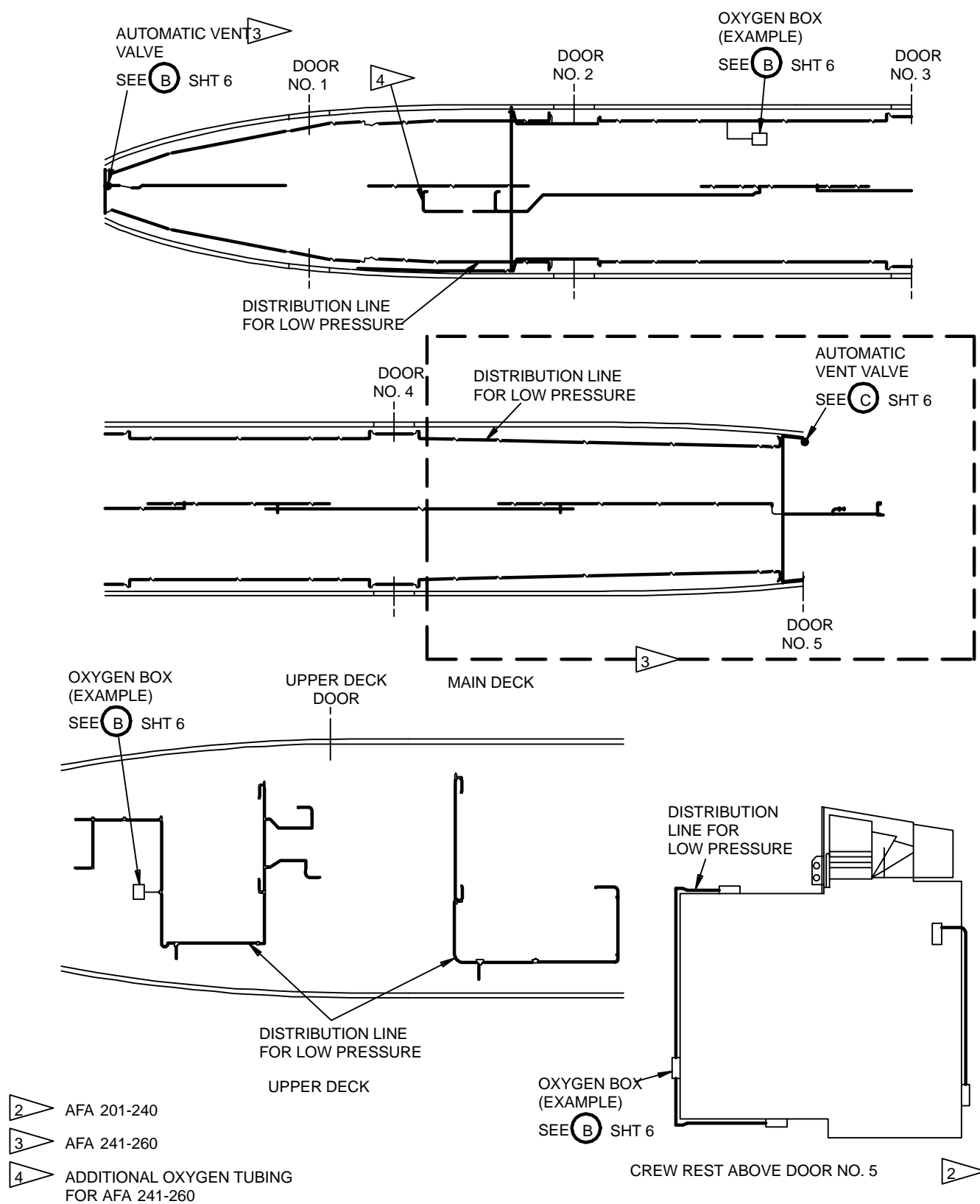


Passenger Oxygen System - Component Location
Figure 102 (Sheet 1)

602169

Figure 98 35-21 Passenger Oxygen System Comp. Location Fig. 102 (Sheet 1)



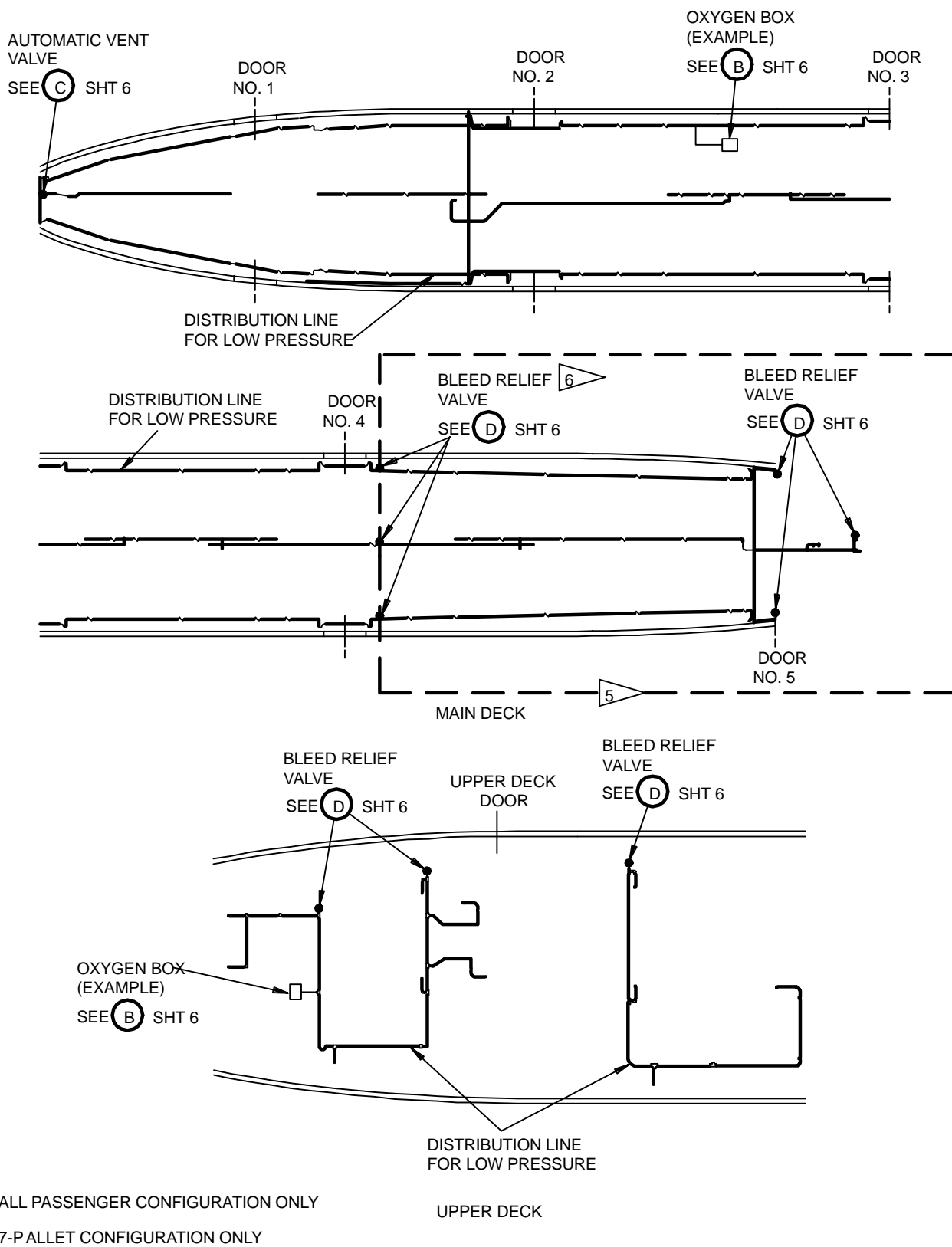


Passenger Oxygen System - Component Location
Figure 102 (Sheet 2)

Figure 99 35-21 Passenger Oxygen System Comp. Location Fig. 102 (Sheet 2)

611827



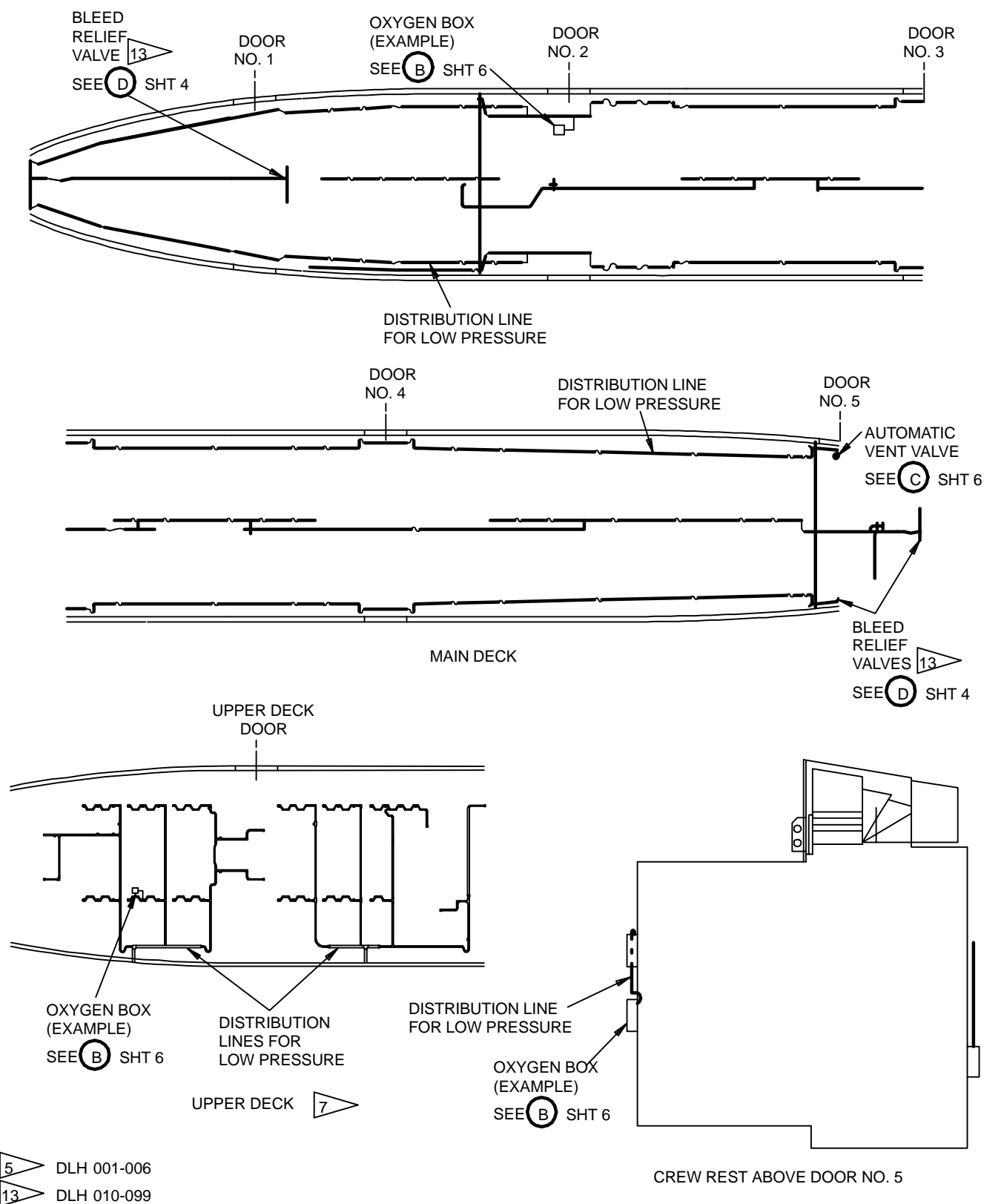


Passenger Oxygen System - Component Location
Figure 102 (Sheet 3)

857540

Figure 100 35-21 Passenger Oxygen System Comp. Location Fig. 102 (Sheet 3)



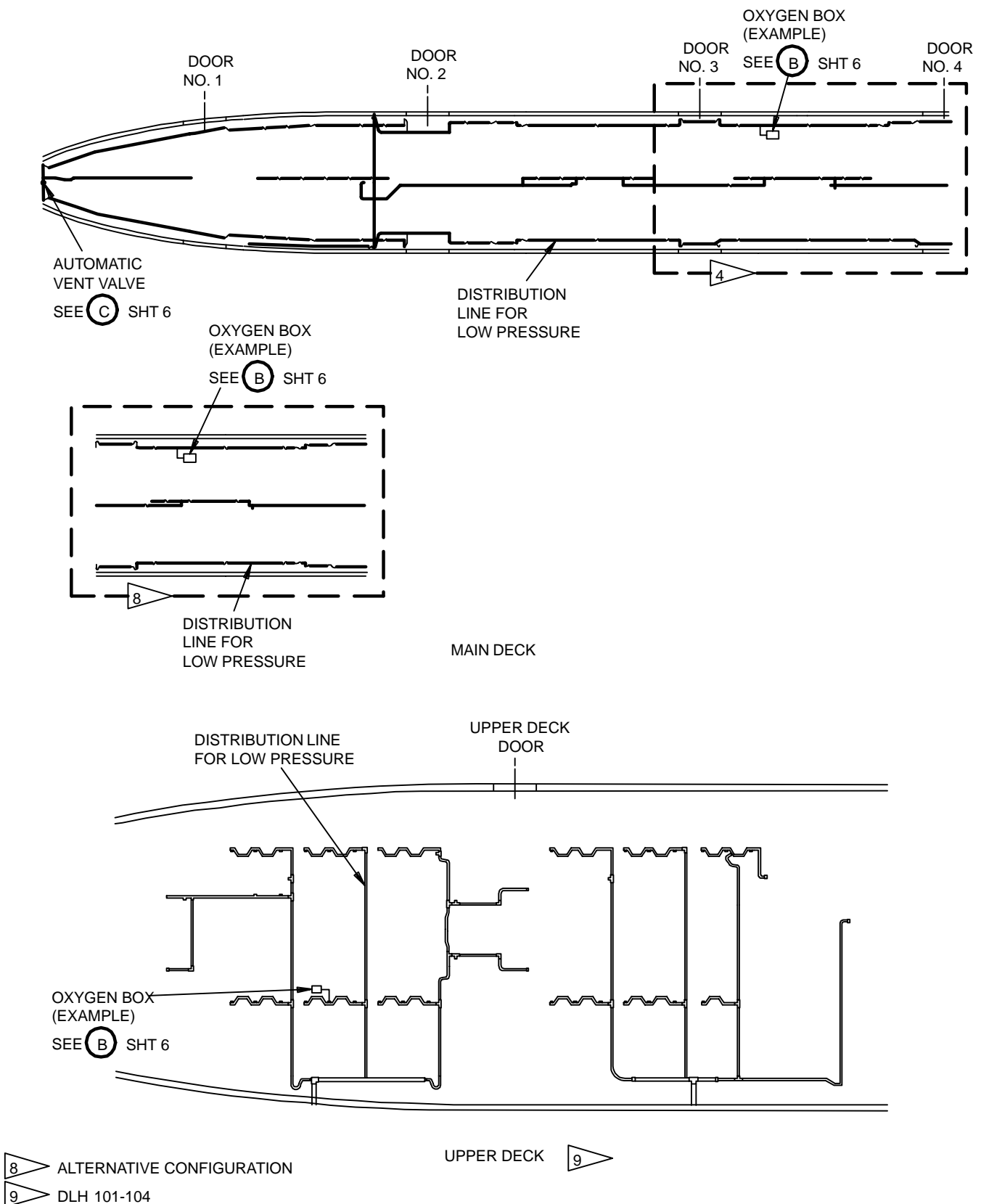


Passenger Oxygen System - Component Location
Figure 102 (Sheet 4)

Figure 101 35-21 Passenger Oxygen System Comp. Location Fig. 102 (Sheet 4)

601394



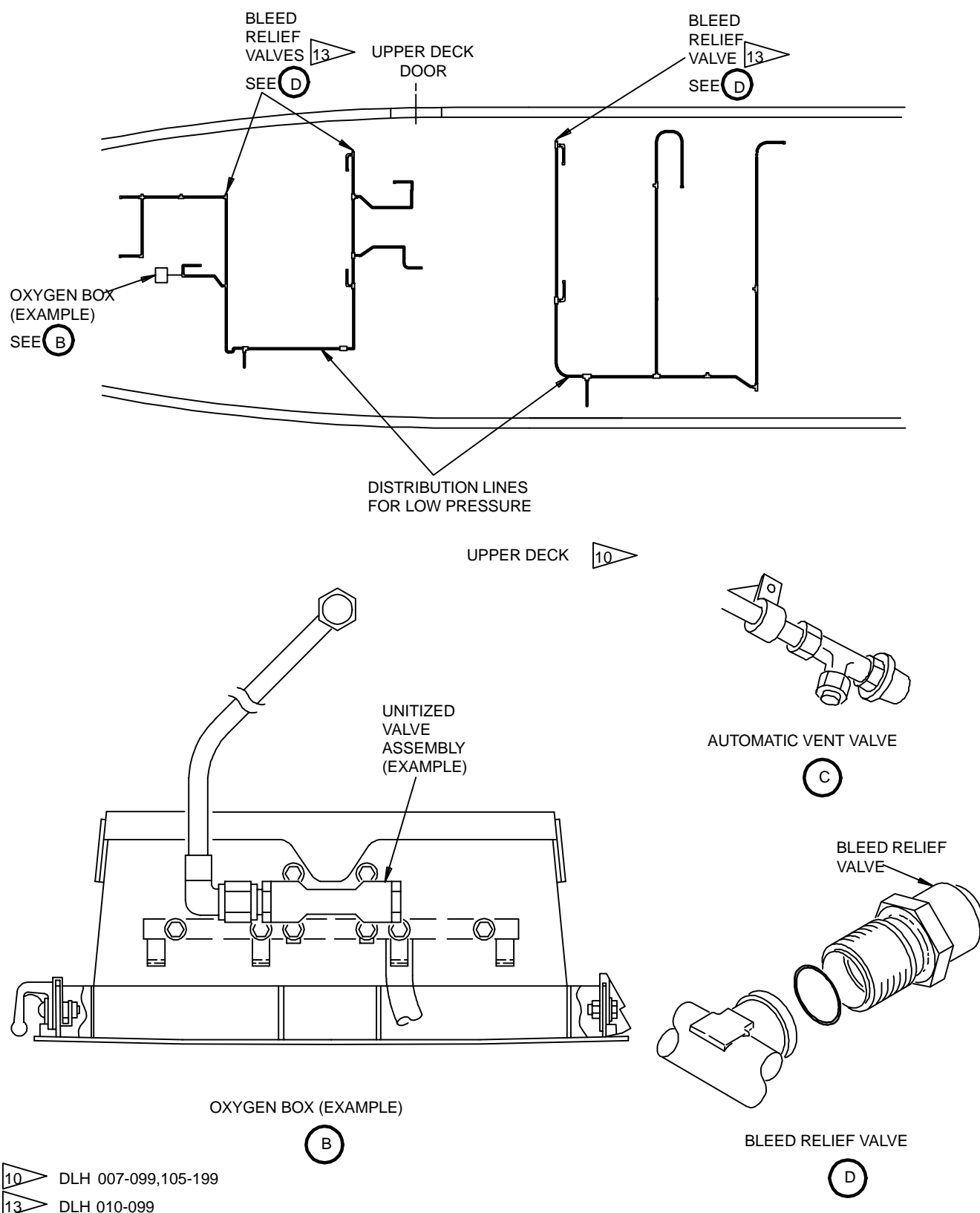


Passenger Oxygen System - Component Location
Figure 102 (Sheet 5)

645424

Figure 102 35-21 Passenger Oxygen System Comp. Location Fig. 102 (Sheet 5)



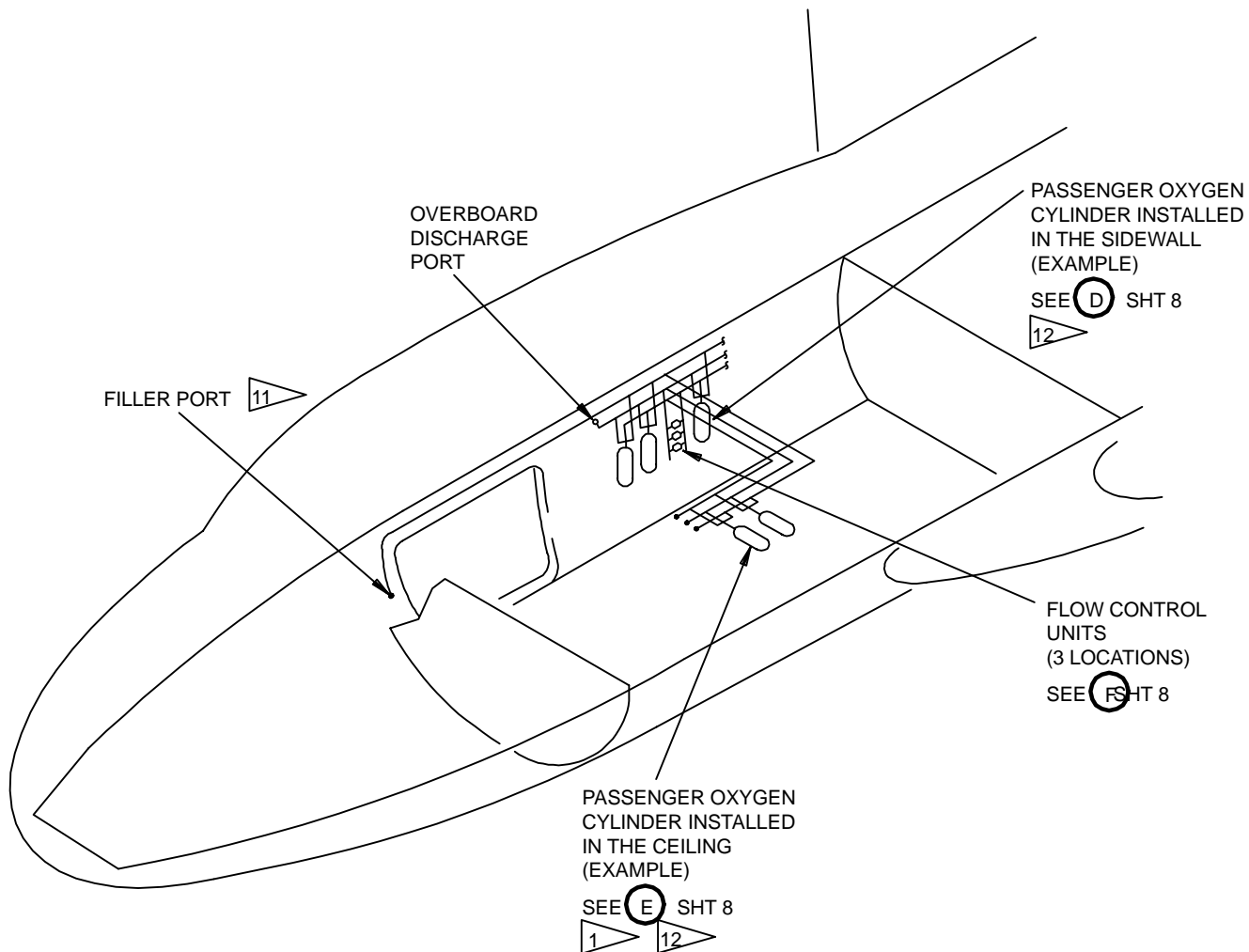


Passenger Oxygen System - Component Location (Details from Sht 2,3,4 and 5)
Figure 102 (Sheet 6)

Figure 103 35-21 Passenger Oxygen System Comp. Location Fig. 102 (Sheet 6)

601792



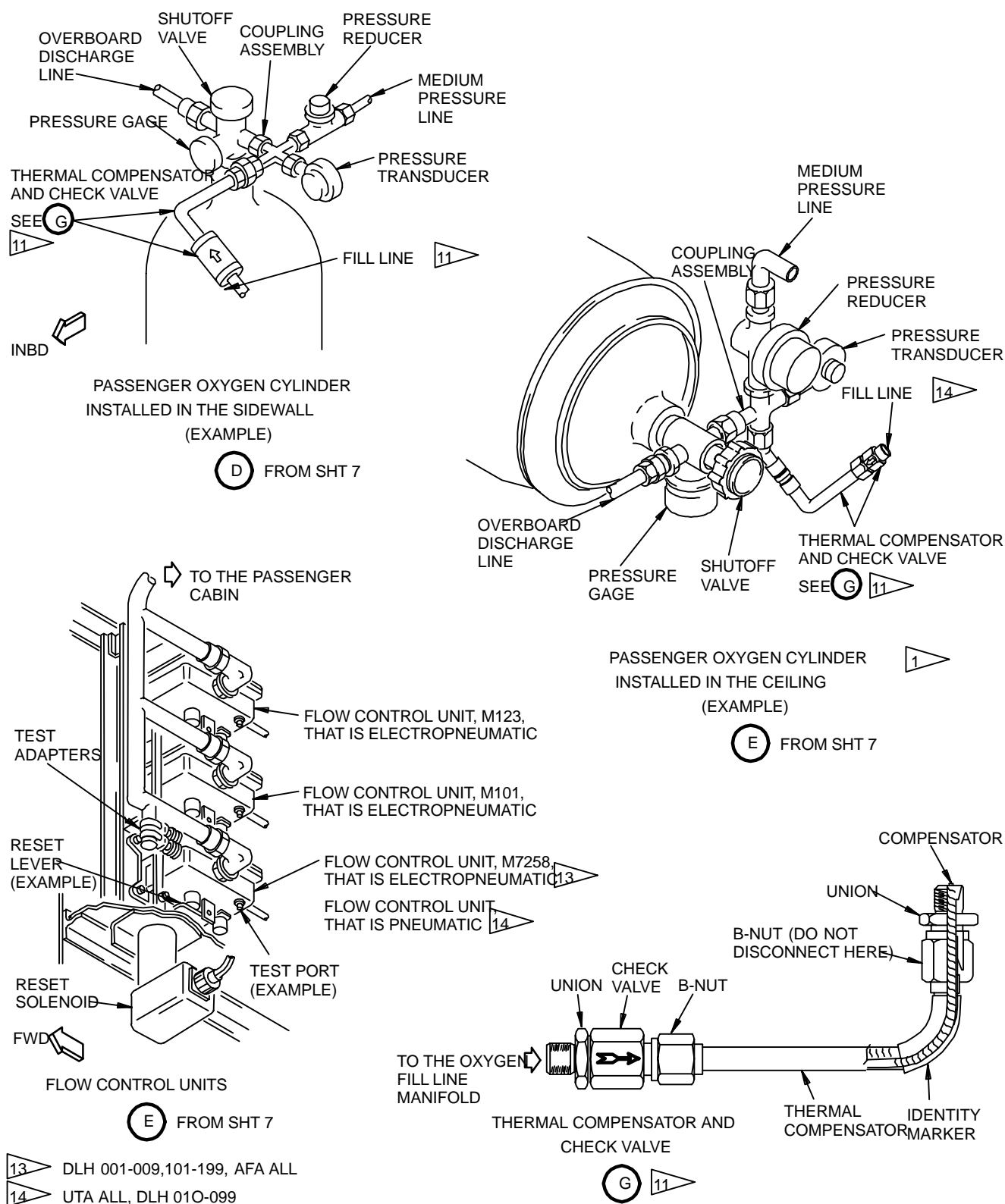


Passenger Oxygen System - Component Location
Figure 102 (Sheet 7)

Figure 104 35-21 Passenger Oxygen System Comp. Location Fig. 102 (Sheet 7)

601334



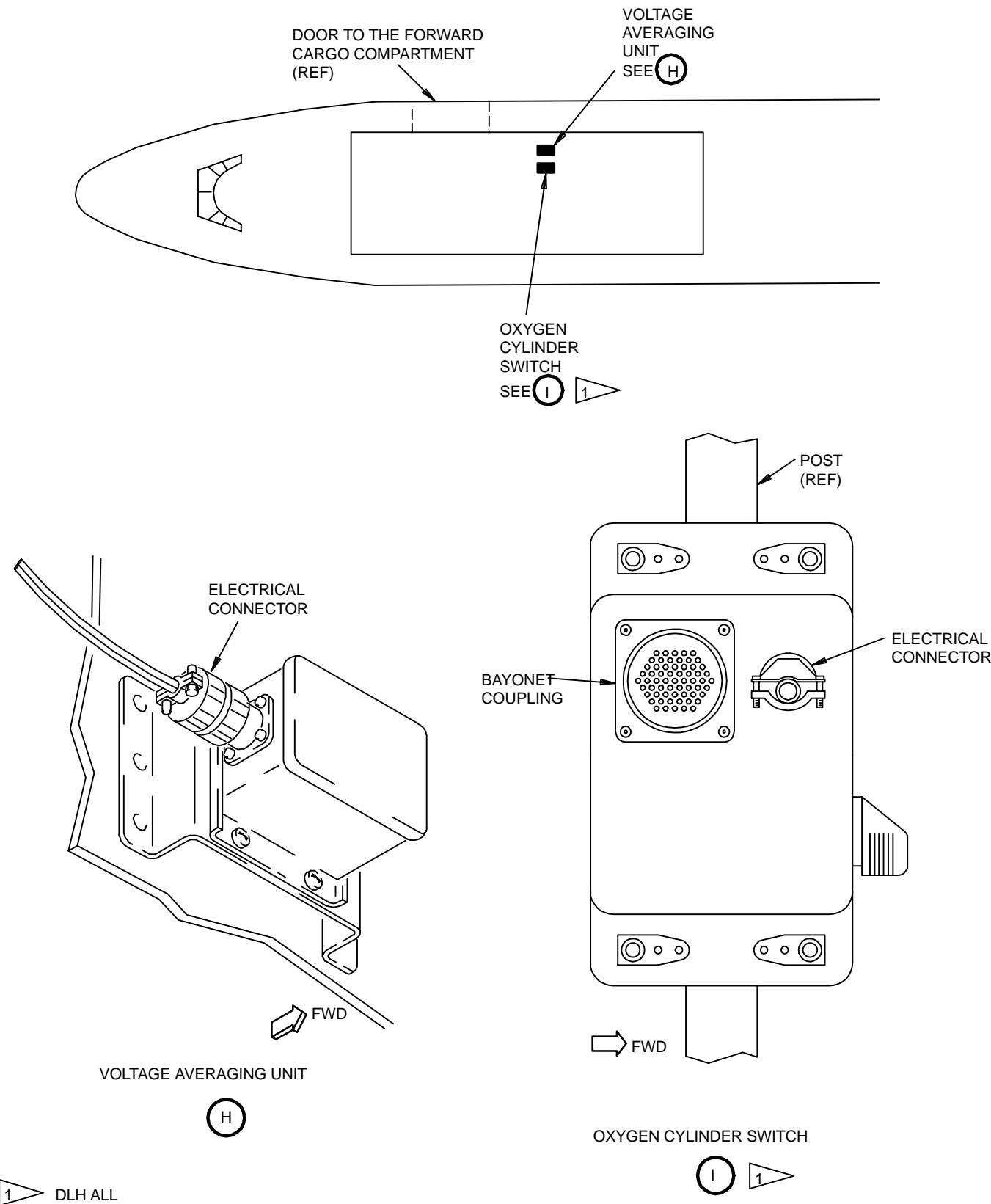


Passenger Oxygen System - Component Location
Figure 102 (Sheet 8)

Figure 105 35-21 Passenger Oxygen System Comp. Location Fig. 102 (Sheet 8)

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Passenger Oxygen System - Component Location
Figure 102 (Sheet 9)

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Figure 106 35-21 Passenger Oxygen System Comp. Location Fig. 102 (Sheet 9)

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




















35-31 PORTABLE OXYGEN EQUIPMENT

COMPONENT INDEX AND LOCATION



PORTABLE OXYGEN EQUIPMENT

COMPONENT	FIG. 102 SHT	QTY	ACCESS/AREA	AMM REFERENCE
CYLINDER - PORTABLE OXYGEN, CREW  	6	1	EQUIPMENT STOWAGE IN THE CONTROL CABIN AREA	35-31-00
CYLINDER - PORTABLE OXYGEN, PASSENGER	6		MANY AREAS IN THE MAIN AND UPPER DECK AREAS	35-31-00
DEVICE - EMERGENCY ESCAPE BREATHING 	7		CREW REST ABOVE DOOR 5	35-31-00
EQUIPMENT - PROTECTIVE BREATHING  	7		MANY AREAS IN THE FLIGHT COMPT, MAIN AND UPPER DECK	35-31-00
HOOD-EMERGENCY ESCAPE 	7		MANY AREAS IN THE FLIGHT COMPT,  MAIN AND UPPER DECK AREAS	35-31-00
MASK - OXYGEN	6		ATTACHED TO EACH PORTABLE OXYGEN CYLINDER	35-31-00

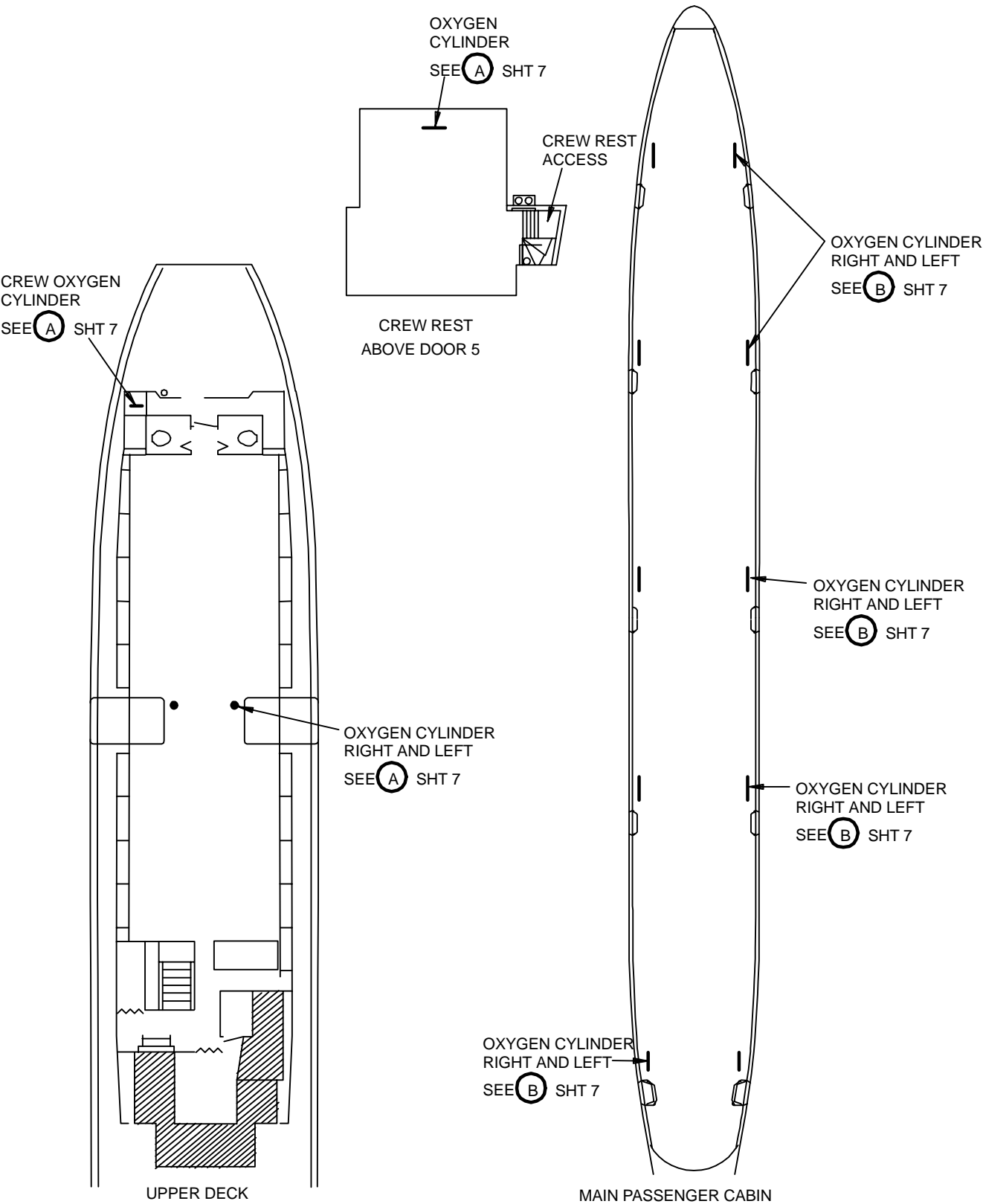
-  THE NUMBER OF PORTABLE OXYGEN CYLINDERS, MASKS AND HOODS CAN CHANGE
-  AFA ALL
-  DLH ALL
-  UTA 325
-  DLH COMBIs
-  UTA 301
-  AFA 281-299

Portable Oxygen Equipment - Component Index
Figure 101

794909

Figure 107 35-31 Portable Oxygen Equipment Comp. Index Fig. 101

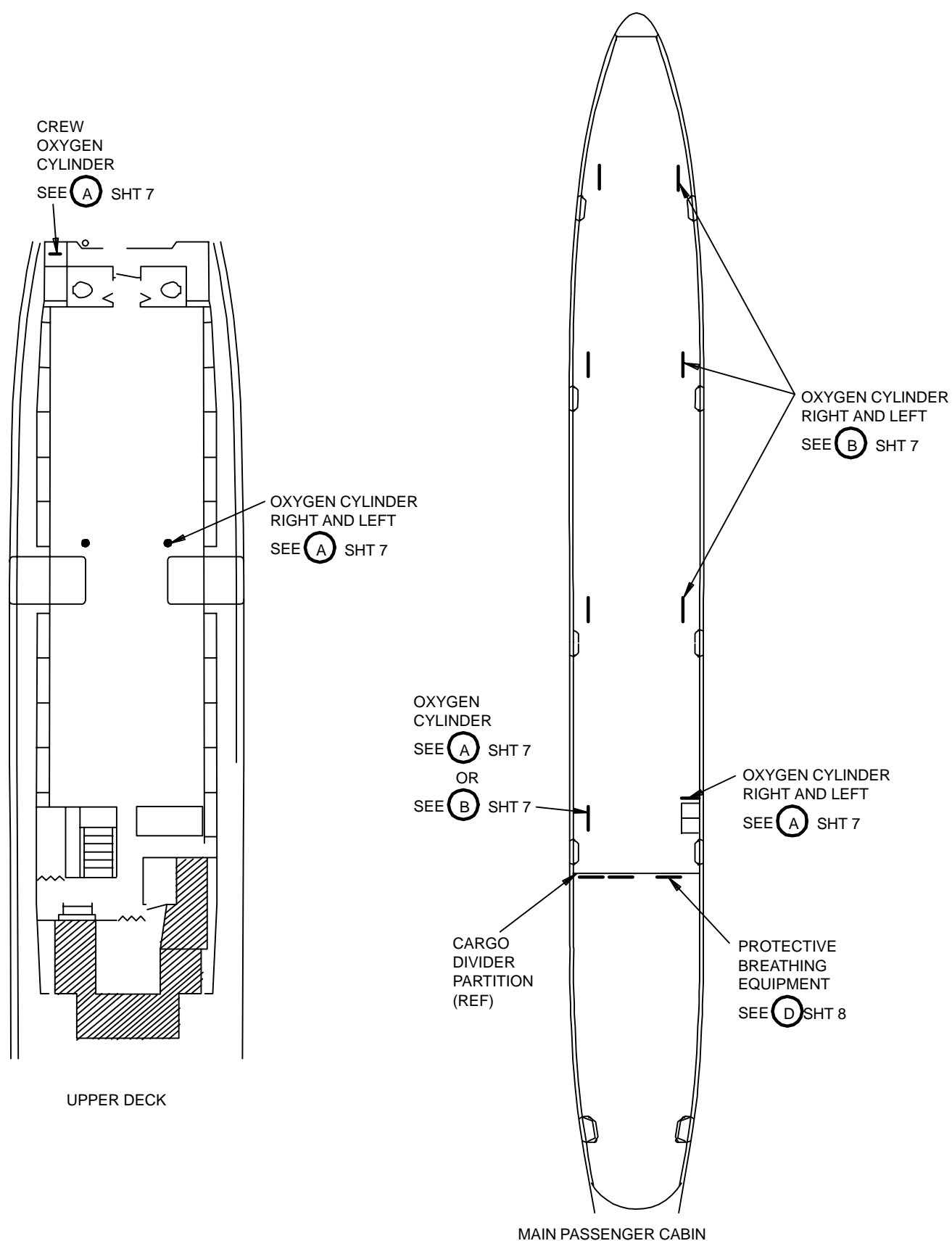




Portable Oxygen Equipment - Component Location
Figure 102 (Sheet 1)

601000

Figure 108 35-31 Portable Oxygen Equipment Comp. Location Fig. 102 (Sheet 1)

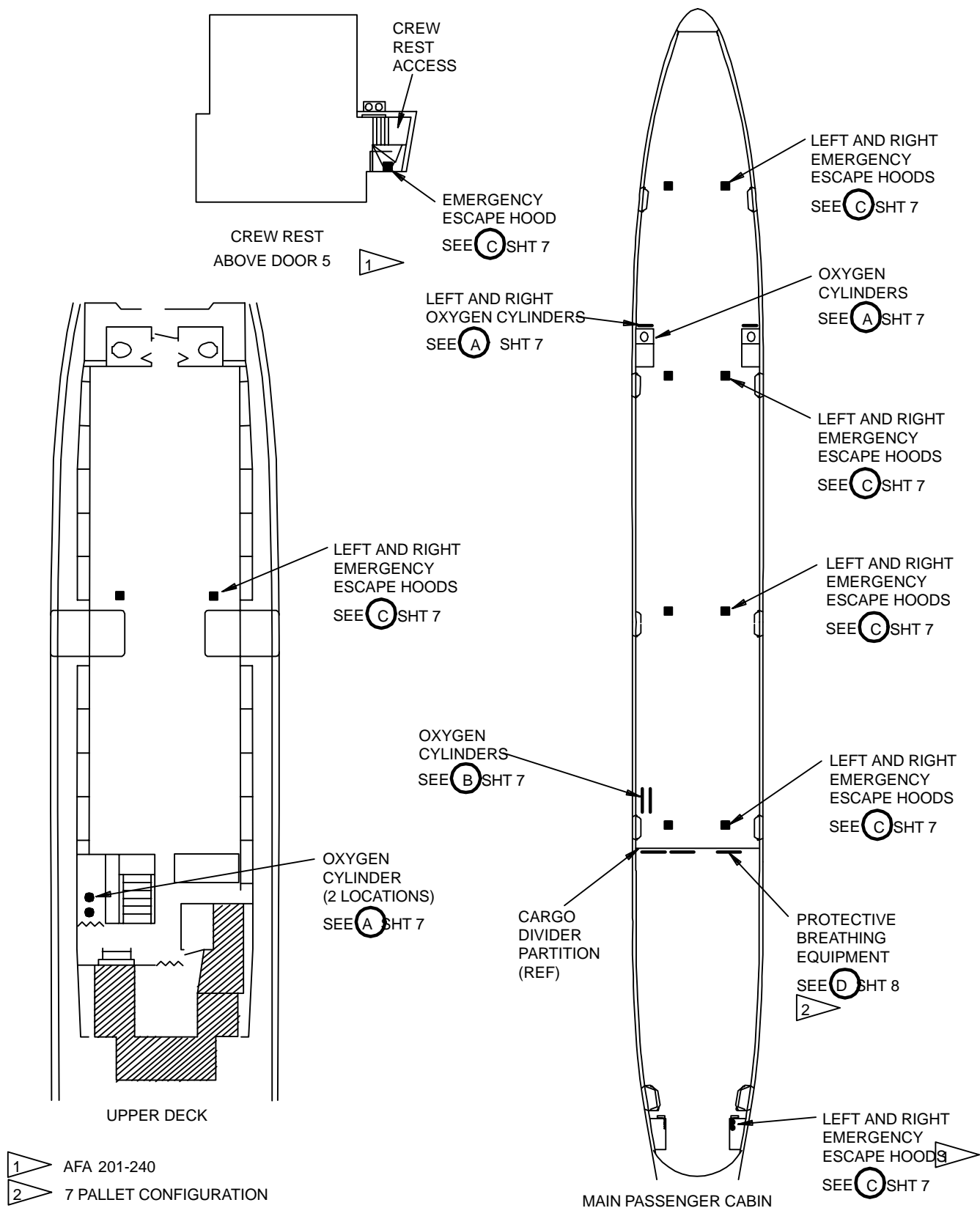


Portable Oxygen System - Component Location

Figure 102 (Sheet 2)

601007

Figure 109 35-31 Portable Oxygen System Comp. Location Fig. 102 (Sheet 2)

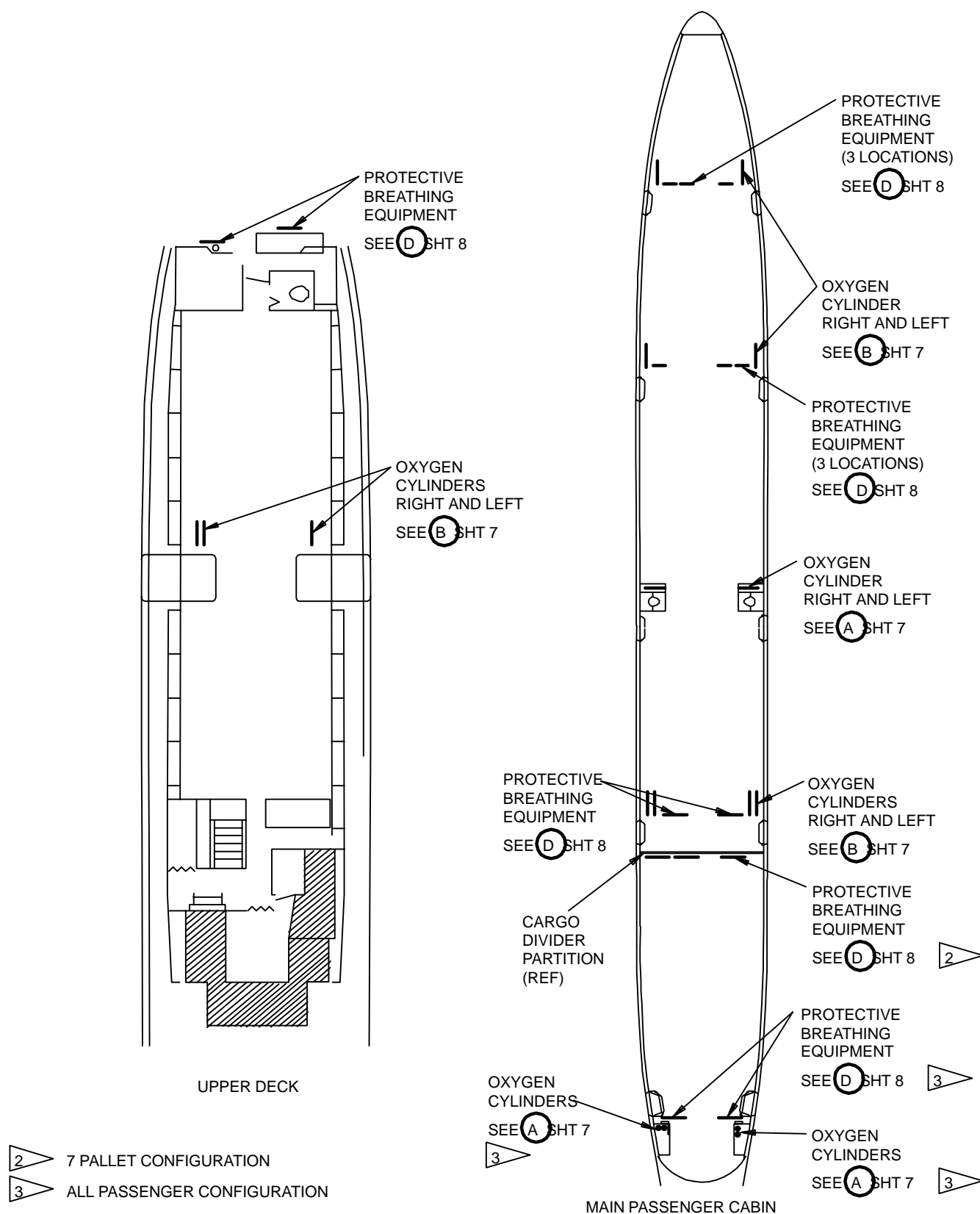


Portable Oxygen Equipment - Component Location
Figure 102 (Sheet 3)

Figure 110 35-31 Portable Oxygen Equipment Comp. Location Fig. 102 (Sheet 3)

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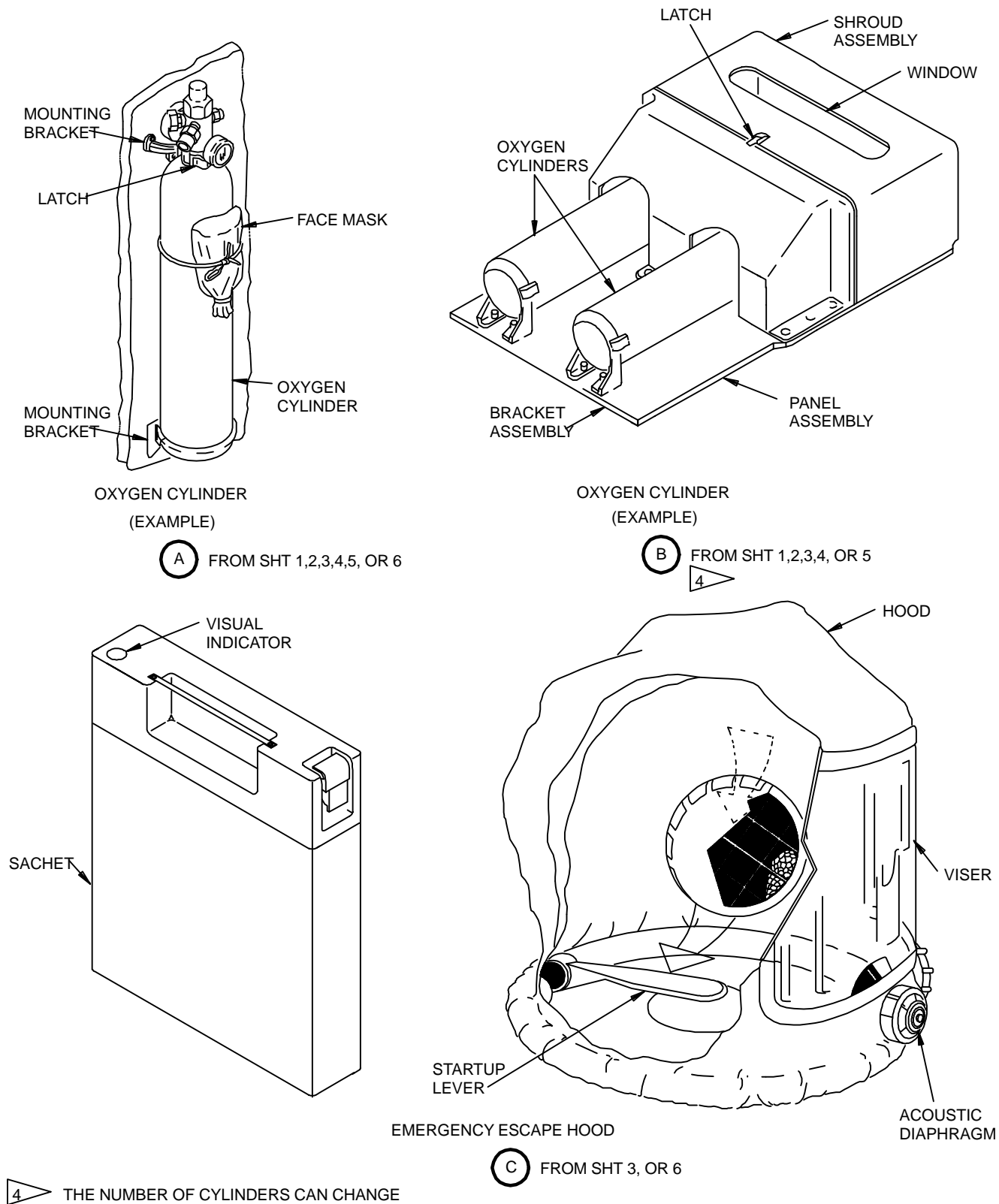


Portable Oxygen Equipment - Component Location
Figure 102 (Sheet 4)

Figure 111 35-31 Portable Oxygen Equipment Comp. Location Fig. 102 (Sheet 4)

856501



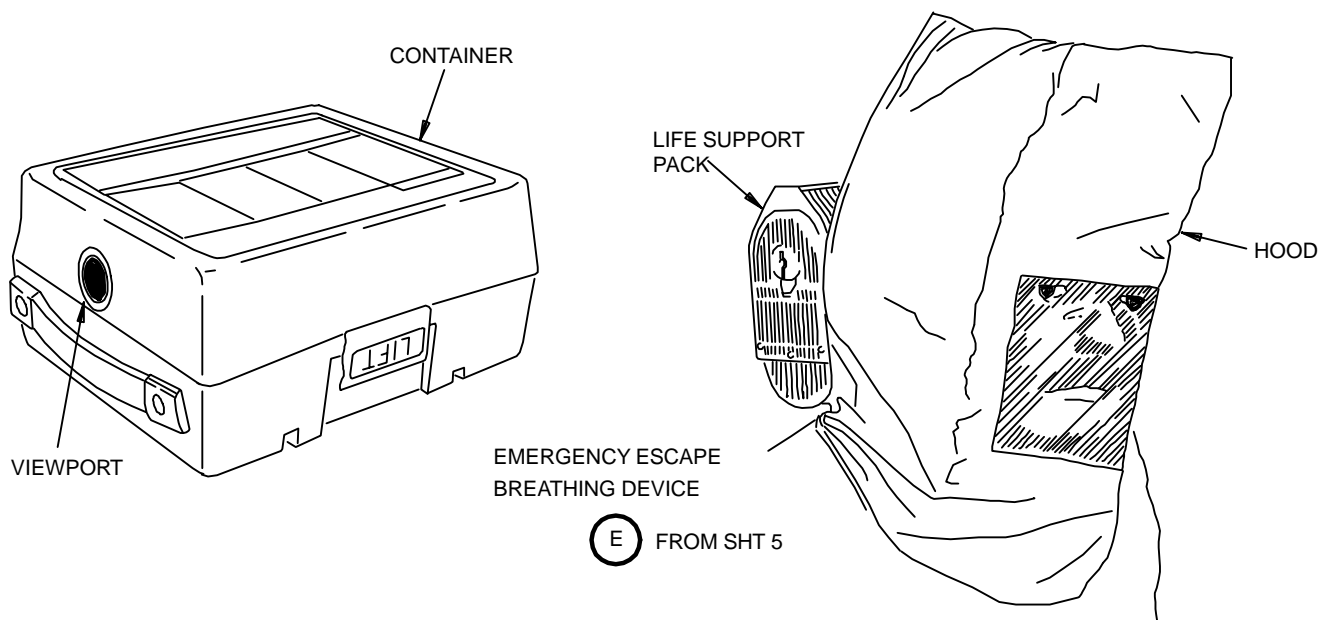
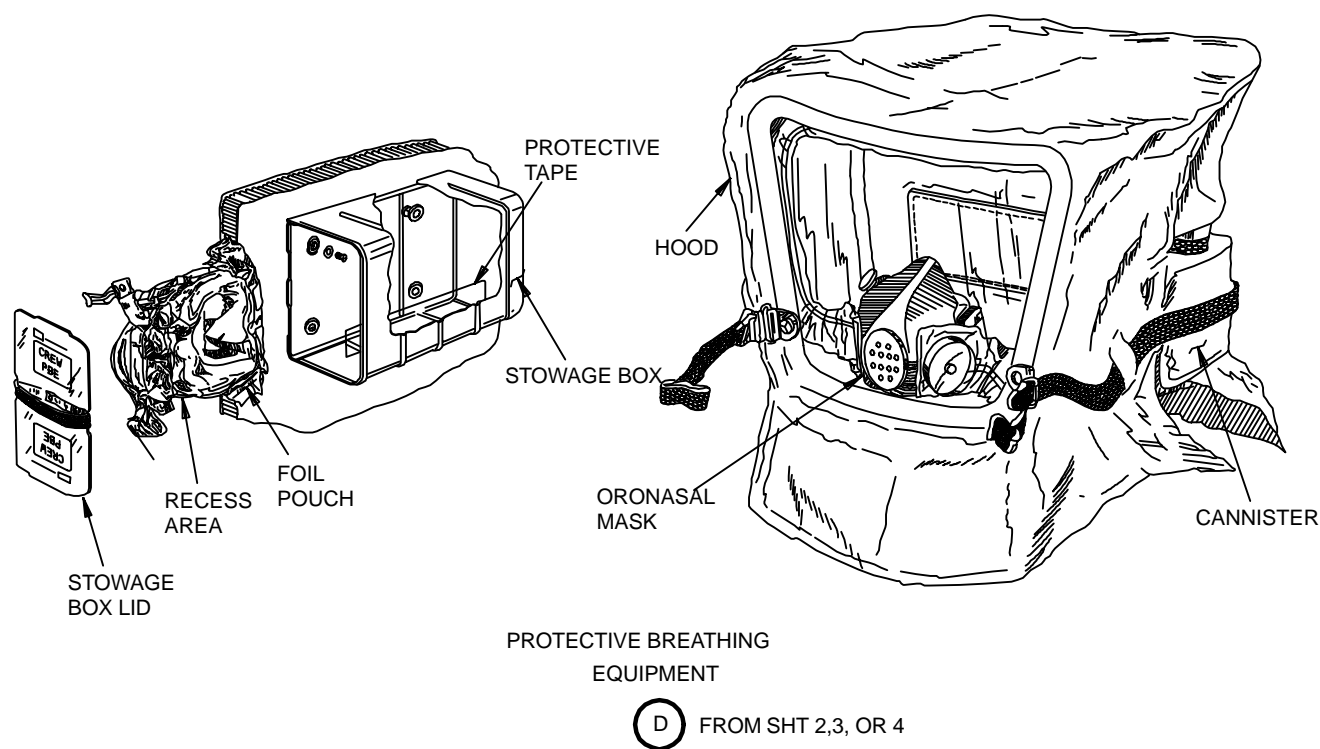


Portable Oxygen Equipment - Component Location
Figure 102 (Sheet 7)

Figure 112 35-31 Portable Oxygen Equipment Comp. Location Fig. 102 (Sheet 7)

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Portable Oxygen Equipment - Component Location
Figure 102 (Sheet 8)

Figure 113 35-31 Portable Oxygen Equipment Comp. Location Fig. 102 (Sheet 8)

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ATA 38 WATER / WASTE

38-10 POTABLE WATER SYSTEM

COMPONENT INDEX AND LOCATION



B 747-430

38-10-00

FGM B1 LOCATION

Water Quantity / Pre-Selection System















FZE B2 LOCATIONS

Water Quantity / Pre-Selection System Components





Water Line- and Drain Line Heating System Components



POTABLE WATER SYSTEM

COMPONENT	FIG. 102 SHT	QTY	ACCESS/AREA	REFERENCE
ACTUATOR - FILL/OVERFLOW VALVE, M7199 	1	1	128, AFT OF FWD CARGO COMPT, R	38-1 1-02
AMPLIFIER - INFRARED FAUCET, M009 	3	1	BELOW LAV WASHBASIN (LAV WITH INFRARED FAUCET)	38-1 1-14
CIRCUIT BREAKERS	1		117AL, MAIN EQUIP CTR, P180,P414	
POT WATER SHUTOFF VALVES 		1	180D18	*
POT WATER SYSTEM		1	180D19	*
POT WTR SYS GND PWR 		1	414E19	*
WATER SYS AIR COMPRESSOR		1	414R21	*
COMPRESSOR - AIR, M236	1	1	127, AFT OF FWD CARGO COMPT, L	38-15-03
FAUCET - LAVATORY WASHBASIN	3	1	LAVATORY (ONE PER LAV)	38-1 1-08
FILTER - AIR INLET	1	1	127, AFT OF FWD CARGO COMPT, L	38-15-04
FILTER - IN LINE AIR	1	1	128, AFT OF FWD CARGO COMPT, R	38-15-04
HEATER - WATER, H1	3	1	BELOW LAV WASHBASIN (ONE PER LAV)	38-13-01
INDICATOR - WATER QTY FULL LIGHT, L16 	2	1	191FF, ACCESS DOOR, WATER SERVICE	38-14-02
INDICATOR - WATER QUANTITY, M002	--	1	ATTENDANT'S PANEL - DOOR 2 R, X17	38-14-03
MODULE - WATER QTY CONTROL, M7016 	1	1	ABOVE POTABLE WATER TANKS	38-14-09
MODULE - WATER SHUTOFF CONTROL, M003 	--	1	ATTENDANT'S PANEL - DOOR 2 R, X17	38-1 1-00
RELAY - GROUND POWER, R7117 	--	1	MAIN EQUIP CTR, P414	*
RELAY - WATER PRESSURE SYSTEM, R859	--	1	117AL, CTR EQUIP CTR, P54	38-15-08
SWITCH - COMPRESSOR INTERLOCK, S764	1	1	191FF, ACCESS DOOR, WATER SERVICE	38-15-01
SWITCH - PRESSURE, S251	1	1	127, AFT OF FWD CARGO COMPT, L	38-15-07
SWITCH - WATER QTY SELECT, S1634 	--	1	ATTENDANT'S PANEL - DOOR 2 R, X17	38-14-06
TANK - POTABLE WATER	1	3	127,128, AFT OF FWD CARGO COMPT	38-1 1-04
TRANSMITTER - WATER QTY, T465	1	1	127, AFT OF FWD CARGO COMPT, L	38-14-01
VALVE - BLEED AIR CHECK	1	1	128, AFT OF FWD CARGO COMPT, R	38-15-05
VALVE - FILL/OVERFLOW	1	1	128, AFT OF FWD CARGO COMPT, R	38-1 1-02
VALVE - LAVATORY MIXER 	3	1	BELOW LAV WASHBASIN (ONE PER LAV)	38-1 1-13
VALVE - LAVATORY MIXER WITH SOLENOID-OPERATED-SHUT OFF-V ALVE, V001 	4	1	BELOW LAV WASHBASIN (ONE PER LAV)	38-1 1-13
VALVE - LAVATORY SHUTOFF	3	1	BELOW LAV WASHBASIN (ONE PER LAV)	38-1 1-05
VALVE - POT WATER SHUTOFF, V522,V523 	1	2	127,128, AFT OF FWD CARGO COMPT	38-1 1-12
VALVE - PRESSURE RELIEF	1	1	128, AFT OF FWD CARGO COMPT, R	38-15-06
VALVE - UNLOADER CHECK	1	1	127, AFT OF FWD CARGO COMPT, L	38-15-05
VALVE - WATER SYSTEM AFT DRAIN	2	1	143, BELOW AFT CONTAINER COMPT, L	38-1 1-09
VALVE - WATER SYSTEM FWD DRAIN	1	1	128, AFT OF FWD CARGO COMPT, R	38-1 1-09

* SEE THE WDM EQUIPMENT LIST

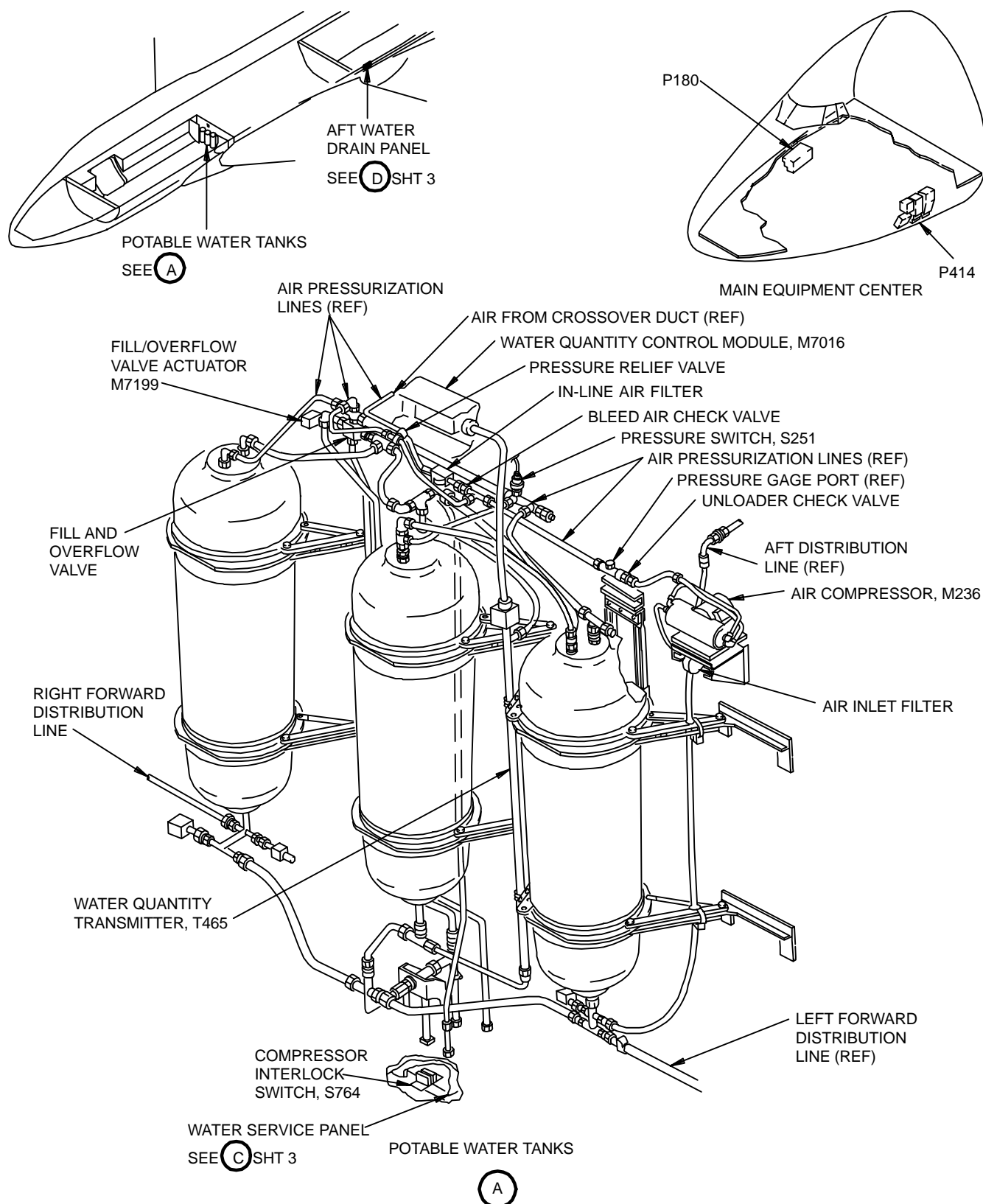
-  DLH LAVATORIES WITHOUT INFRARED FAUCETS
-  DLH LAVATORIES WITH INFRARED FAUCETS
-  UTA ALL
-  AFA ALL; DLH ALL

Potable Water System - Component Index
Figure 101

Figure 114 38-10 Potable Water System Comp. Index Fig. 101

601490



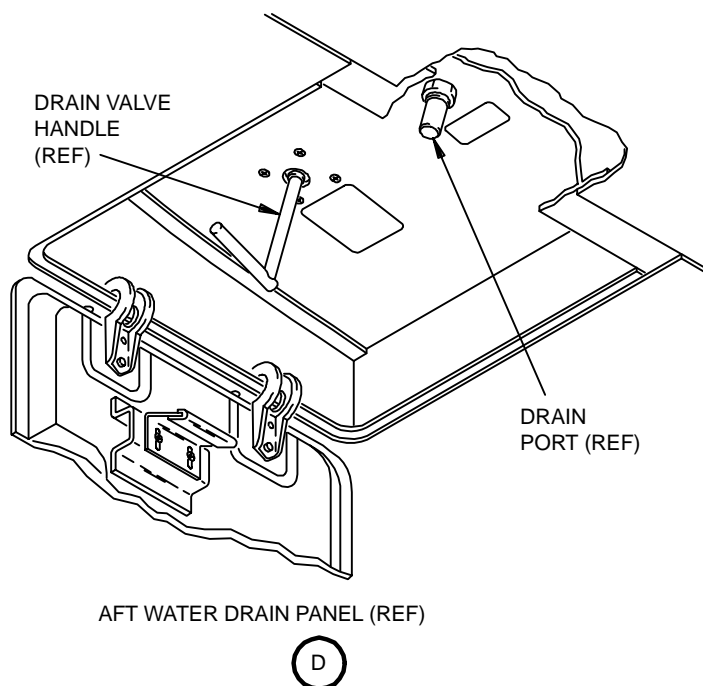
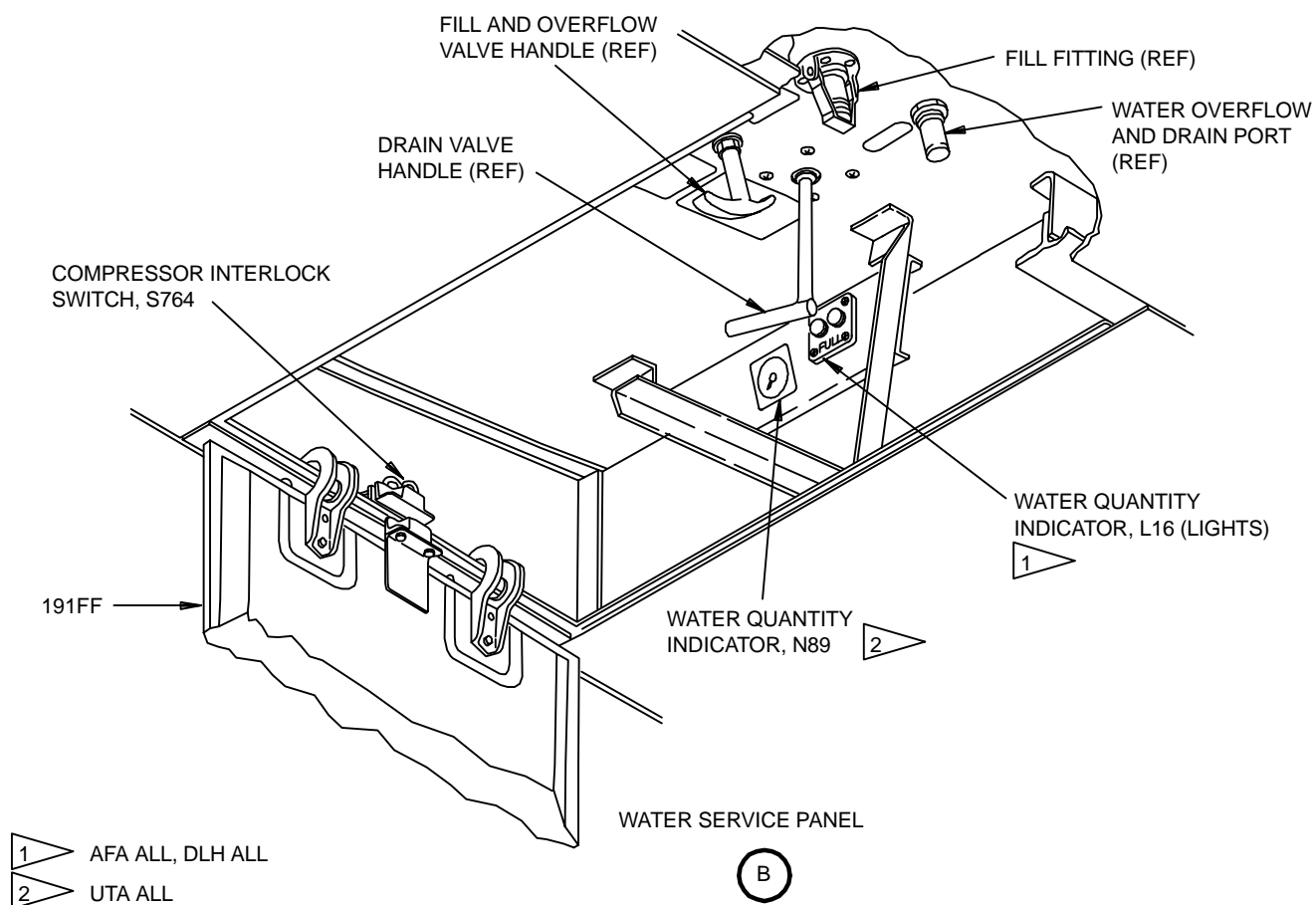


Potable Water System - Component Location
Figure 102 (Sheet 1)

Figure 115 38-10 Potable Water System Comp. Location Fig. 102 (Sheet 1)

602100





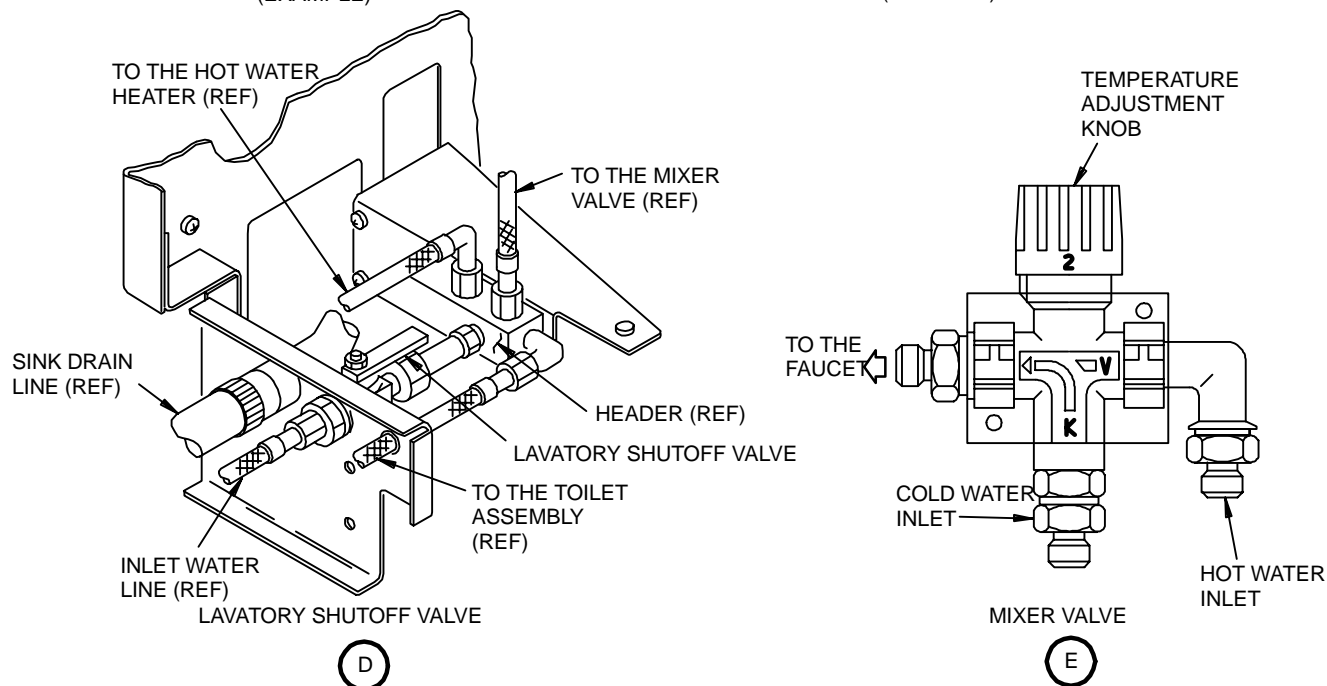
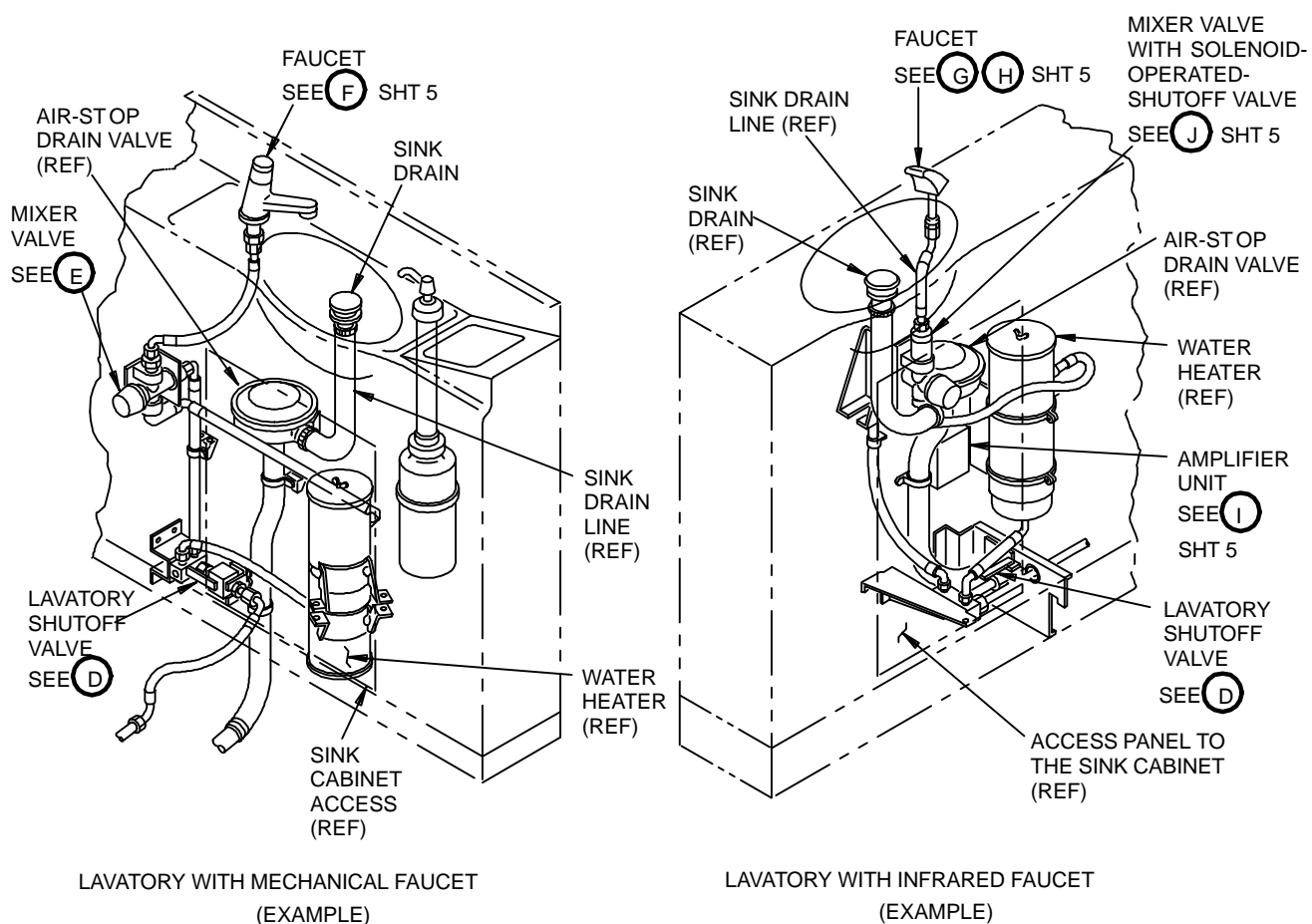
Potable Water System - Component Location (Details from Sht 1 or 2)

Figure 102 (Sheet 3)

601254

Figure 116 38-10 Potable Water System Comp. Location Fig. 102 (Sheet 3)



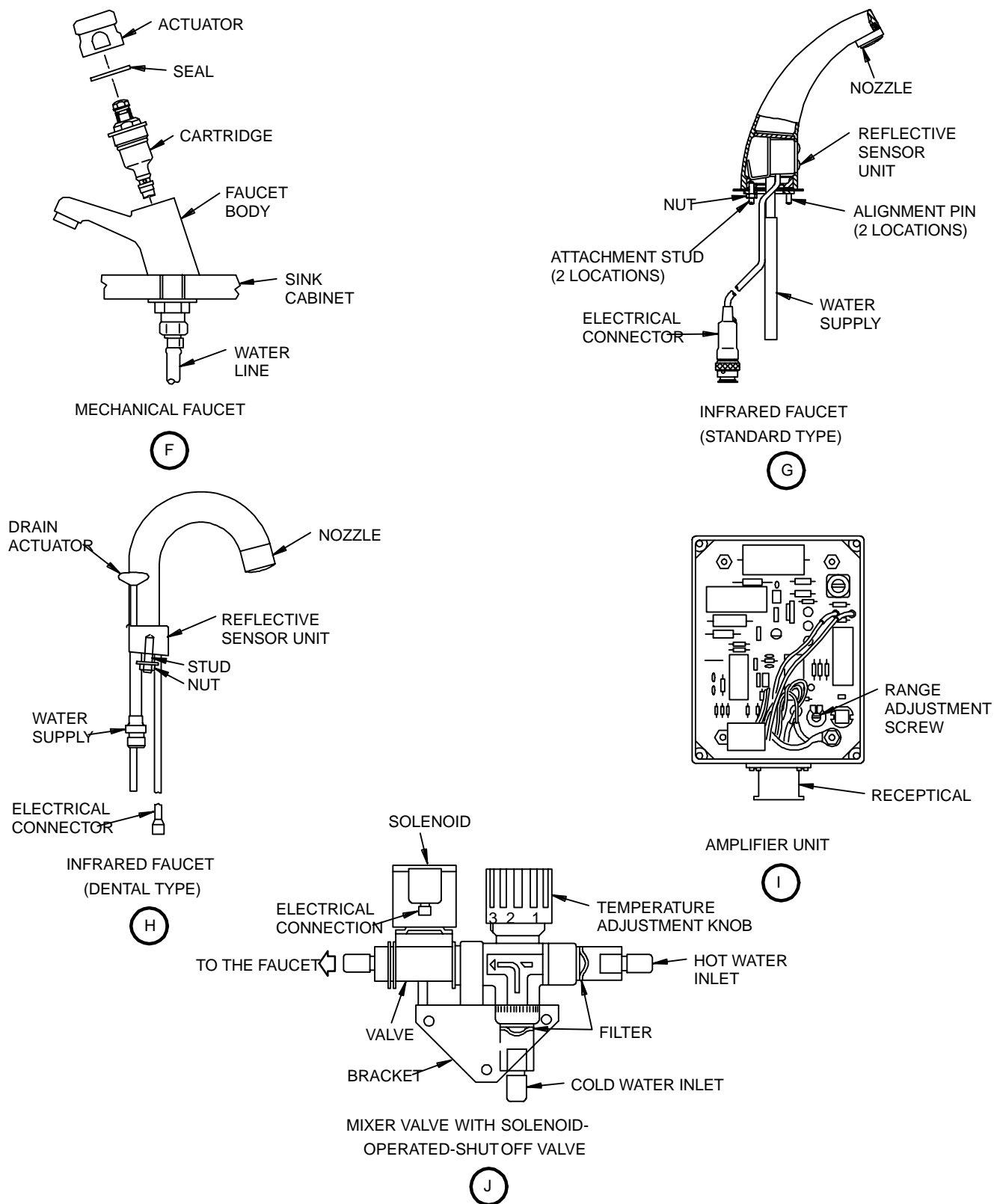


Potable Water System - Component Location
Figure 102 (Sheet 4)

Figure 117 38-10 Potable Water System Comp. Location Fig. 102 (Sheet 4)

686143



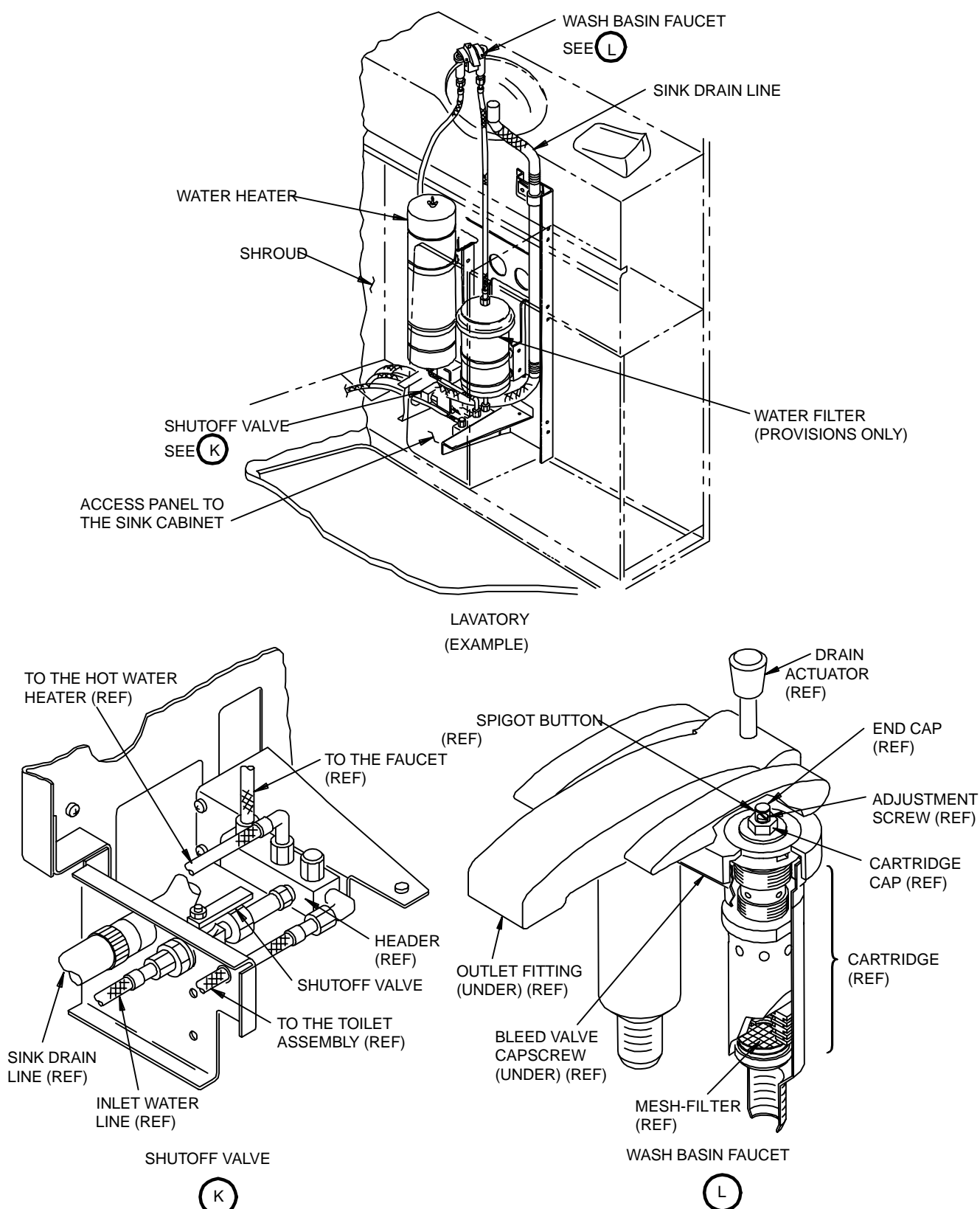


Potable Water System - Component Location (Details from Sht 4)
Figure 102 (Sheet 5)

Figure 118 38-10 Potable Water System Comp. Location Fig. 102 (Sheet 5)

686149





Potable Water System - Component Location
Figure 102 (Sheet 6)

Figure 119 38-10 Potable Water System Comp. Location Fig. 102 (Sheet 6)

860692



B 747-430





38-30-00

38-30 LAVATORY WASTE




COMPONENT INDEX AND LOCATION



LAVATORY WASTE

COMPONENT	FIG. 102 SHT	QTY	ACCESS/AREA	REFERENCE
ASSEMBLY - TOILET, M3	6	1	INSIDE LAVATORY (1 PER LAV)	38-31-01
BLOWER - VACUUM, RIGHT, M7929	1	1	145, AFT OF BULK CARGO COMPT, L	38-32-06
BLOWER - VACUUM, LEFT, M7930	1	1	146, AFT OF BULK CARGO COMPT, R	38-32-06
CIRCUIT BREAKERS -			835L AFT EQUIP CTR, P84	
BLOWER PROTECT VALVE - L 		1		*
BLOWER PROTECT VALVE - R 		1		*
CIRCUIT BREAKERS -			835L AFT EQUIP CTR, P85	
LAV WASTE BLO & AFT TANK FLUSH CONTROL L		1		*
LAV WASTE BLO & AFT TANK FLUSH CONTROL R		1		*
LAV WASTE FWD TANK FLUSH CONTROL L		1		*
LAV WASTE FWD TANK FLUSH CONTROL R		1		*
CIRCUIT BREAKERS -			835L AFT EQUIP CTR, P84 	
VACUUM BLOWER - L		1	P183 	*
VACUUM BLOWER - R		1		*
CIRCUIT BREAKERS -			117AL, MAIN EQUIP CTR, P414	
LAV WASTE-GND PWR BLO & AFT TANK FLUSH L		1		
LAV WASTE-GND PWR FWD TANK FLUSH L		1		
LAV WASTE-GND PWR BLO & AFT TANK FLUSH R		1		
LAV WASTE-GND PWR FWD TANK FLUSH R		1		
MODULES - LEVEL SENSOR LOGIC CONTROL, M1 -	1			
LEFT AFT WASTE TANK LEVEL SENSOR, M7973		1	145, AFT OF BULK CARGO COMPT, L	*
LEFT FWD WASTE TANK LEVEL SENSOR, M7974		1	145, AFT OF BULK CARGO COMPT, L	*
RIGHT AFT WASTE TANK LEVEL SENSOR, M7945		1	146, AFT OF BULK CARGO COMPT, R	*
RIGHT FWD WASTE TANK LEVEL SENSOR, M7976		1	146, AFT OF BULK CARGO COMPT, R	*
RELAYS - (REF 31-01-15, FIG. 101)				
BLWR PROTECT VALVE LEFT, R1197		1		
BLWR PROTECT VALVE RIGHT, R1196		1		
VACUUM BLOWER LEFT, R7502		1		
VACUUM BLOWER RIGHT, R7503		1		
SENSOR - POINT LEVEL, A	1	4	INSIDE WASTE TANK (1 PER TANK)	38-32-13
SENSOR - POINT LEVEL, B	1	4	INSIDE WASTE TANK (1 PER TANK)	38-32-13
SENSOR - CONTINUOUS LEVEL, CS01	1	4	ON WASTE TANK (1 PER TANK)	38-32-13
SEPARATOR - WATER	3	4	INSIDE WASTE TANK (1 PER TANK)	38-32-02
SWITCH - ALTITUDE PRESSURE, S360	--	1	312AR, STAB. JACKSCREW COMPT	38-32-51
SWITCH - ALTITUDE PRESSURE, S361	--	1	312AR, STAB. JACKSCREW COMPT	38-32-51
SWITCH - DRAIN VALVE, LEFT AFT, S1910	4	1	145, AFT OF BULK CARGO COMPT, L	*
SWITCH - DRAIN VALVE, LEFT FWD, S1911	4	1	145, AFT OF BULK CARGO COMPT, L	*
SWITCH - DRAIN VALVE, RIGHT FWD, S1912	4	1	146, AFT OF BULK CARGO COMPT, R	*
SWITCH - DRAIN VALVE, RIGHT AFT, S1913	4	1	146, AFT OF BULK CARGO COMPT, R	*
SWITCH - FLUSH, S2	6		INSIDE LAVATORY (1 PER LAV)	38-32-04
SWITCH - LAVS INOP (LEFT FWD WASTE TANK), S19	--	1	824R, ATTEND PANEL - DOOR 2R	*
SWITCH - LAVS INOP (RIGHT FWD WASTE TANK), S20	--	1	824R, ATTEND PANEL - DOOR 2R	*
SWITCH - LAVS INOP (LEFT AFT WASTE TANK), S21	--	1	824R, ATTEND PANEL - DOOR 2R	*
SWITCH - LAVS INOP (RIGHT AFT WASTE TANK), S22	--	1	824R, ATTEND PANEL - DOOR 2R	*

* SEE THE WDM EQUIPMENT LIST

-  IF INSTALLED, THE CIRCUIT BREAKER IS PULLED AND COLLARED.
-  COMBI AIRPLANES
-  ALL EXCEPT COMBI AIRPLANES

Lavatory Waste - Component Index
Figure 101 (Sheet 1)

Figure 120 38-30 Lavatory Waste Comp. Index Fig. 101 (Sheet 1)

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COMPONENT	FIG. 102 SHT	QTY	ACCESS/AREA	REFERENCE
TANK - WASTE (LEFT AFT)	1	1	145, AFT OF BULK CARGO COMPT, L	38-32-1 1
TANK - WASTE (LEFT FWD)	1	1	145, AFT OF BULK CARGO COMPT, L	38-32-1 1
TANK - WASTE (RIGHT AFT)	1	1	146, AFT OF BULK CARGO COMPT, R	38-32-1 1
TANK - WASTE (RIGHT FWD)	1	1	146, AFT OF BULK CARGO COMPT, R	38-32-1 1
VALVE - BLOWER PROTECT, RIGHT (NOT INSTALLED)		1	146, AFT OF BULK CARGO COMPT, R	*
VALVE - BLOWER PROTECT, LEFT (NOT INSTALLED)		1	145, AFT OF BULK CARGO COMPT, L	*
VALVE - PRECHARGE SHUTOFF (LEFT AFT), V538	1	1	145, AFT OF BULK CARGO COMPT, L	38-32-19
VALVE - PRECHARGE SHUTOFF (LEFT FWD), V537	1	1	145, AFT OF BULK CARGO COMPT, L	38-32-19
VALVE - PRECHARGE SHUTOFF (RIGHT AFT), V536	1	1	146, AFT OF BULK CARGO COMPT, R	38-32-19
VALVE - PRECHARGE SHUTOFF (RIGHT FWD), V535	1	1	146, AFT OF BULK CARGO COMPT, R	38-32-19
VALVE - WASTE TANK DRAIN (LEFT AFT)	1	1	145, AFT OF BULK CARGO COMPT, L	38-32-03
VALVE - WASTE TANK DRAIN (LEFT FWD)	1	1	145, AFT OF BULK CARGO COMPT, L	38-32-03
VALVE - WASTE TANK DRAIN (RIGHT AFT)	1	1	146, AFT OF BULK CARGO COMPT, R	38-32-03
VALVE - WASTE TANK DRAIN (RIGHT FWD)	1	1	146, AFT OF BULK CARGO COMPT, R	38-32-03

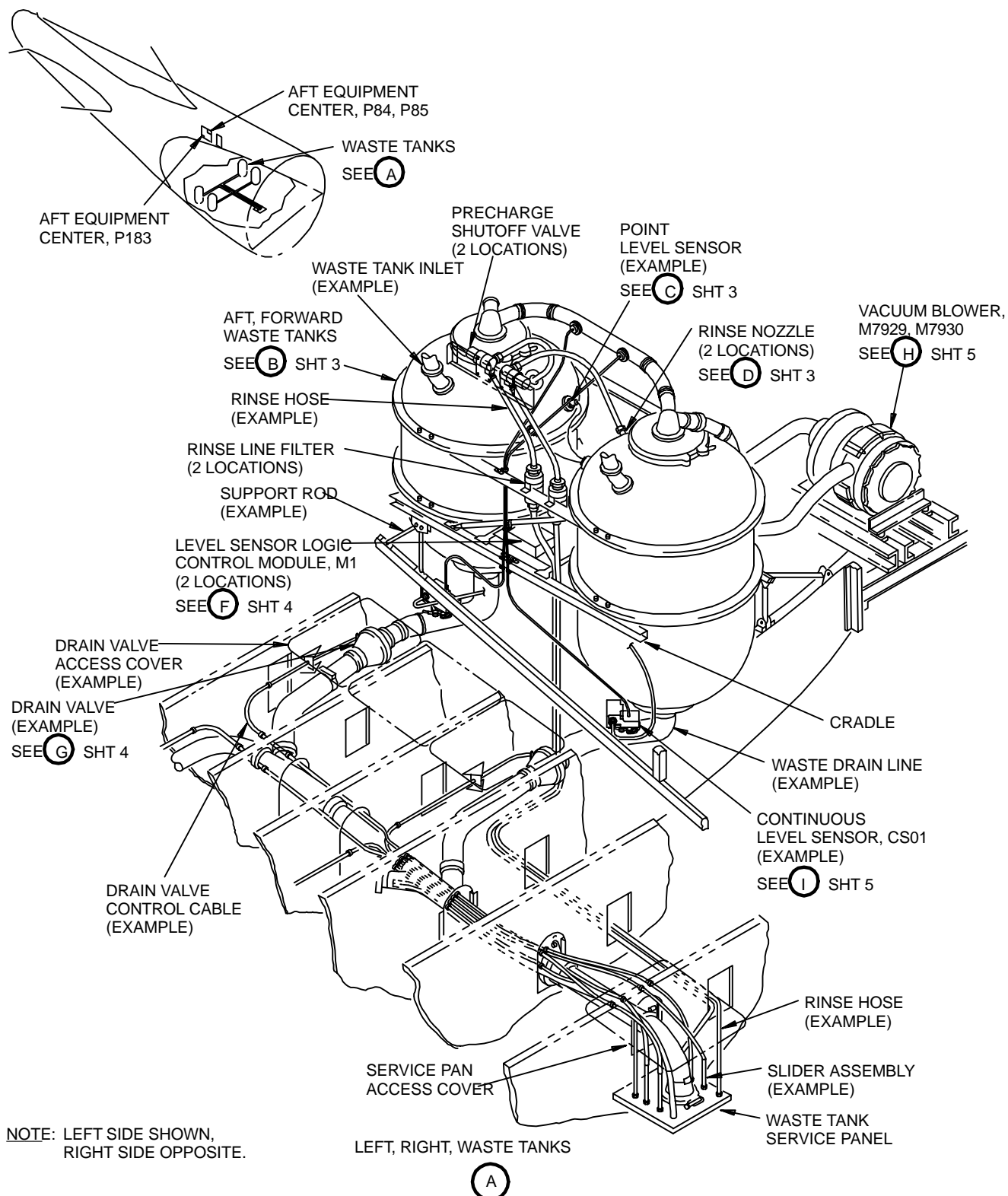
* SEE THE WDM EQUIPMENT LIST

Lavatory Waste - Component Index
Figure 101 (Sheet 2)

Figure 121 38-30 Lavatory Waste Comp. Index Fig. 101 (Sheet 2)

795839



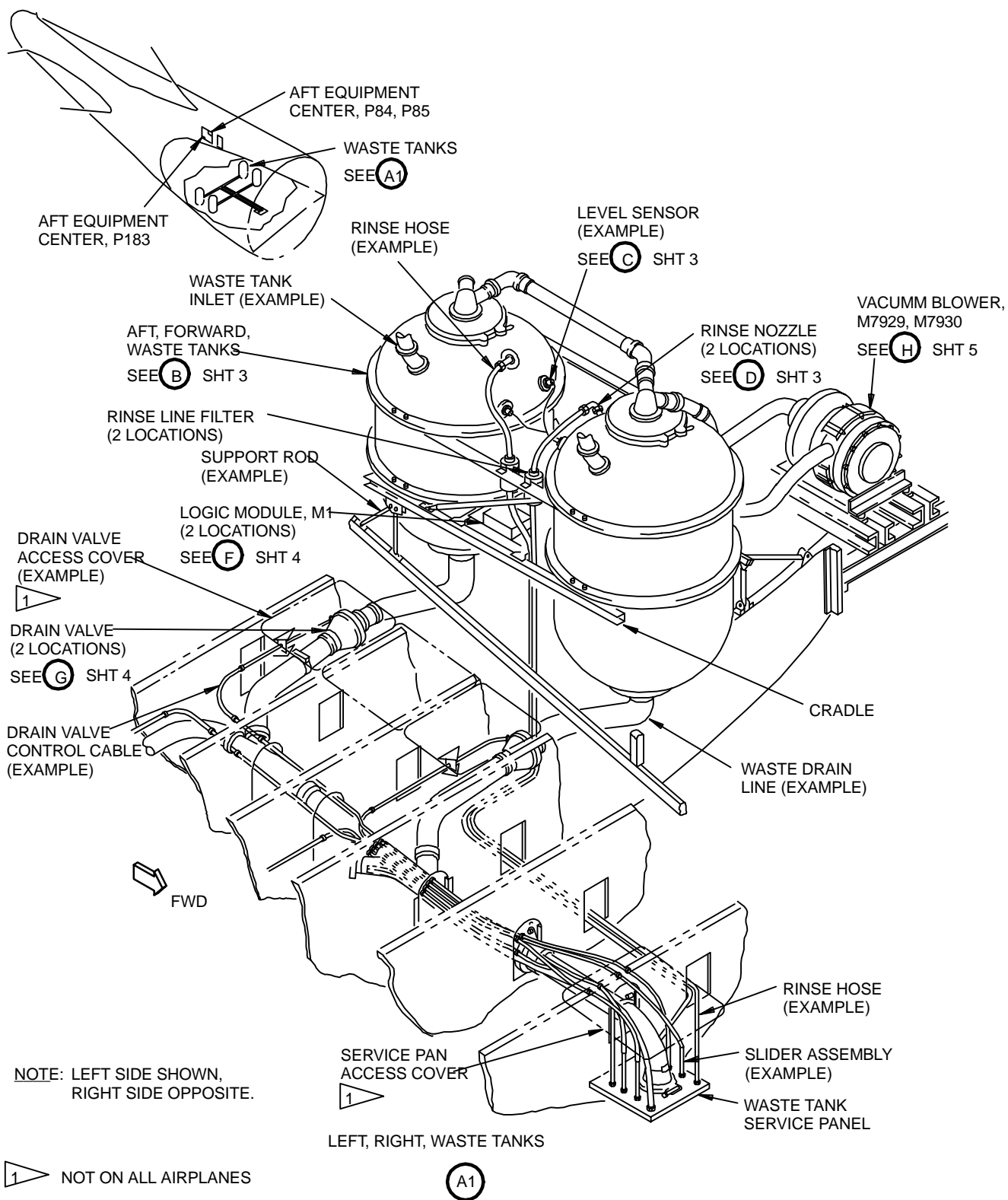


Lavatory Waste - Component Location
Figure 102 (Sheet 1)

Figure 122 38-30 Lavatory Waste Comp. Location Fig. 102 (Sheet 1)

798213



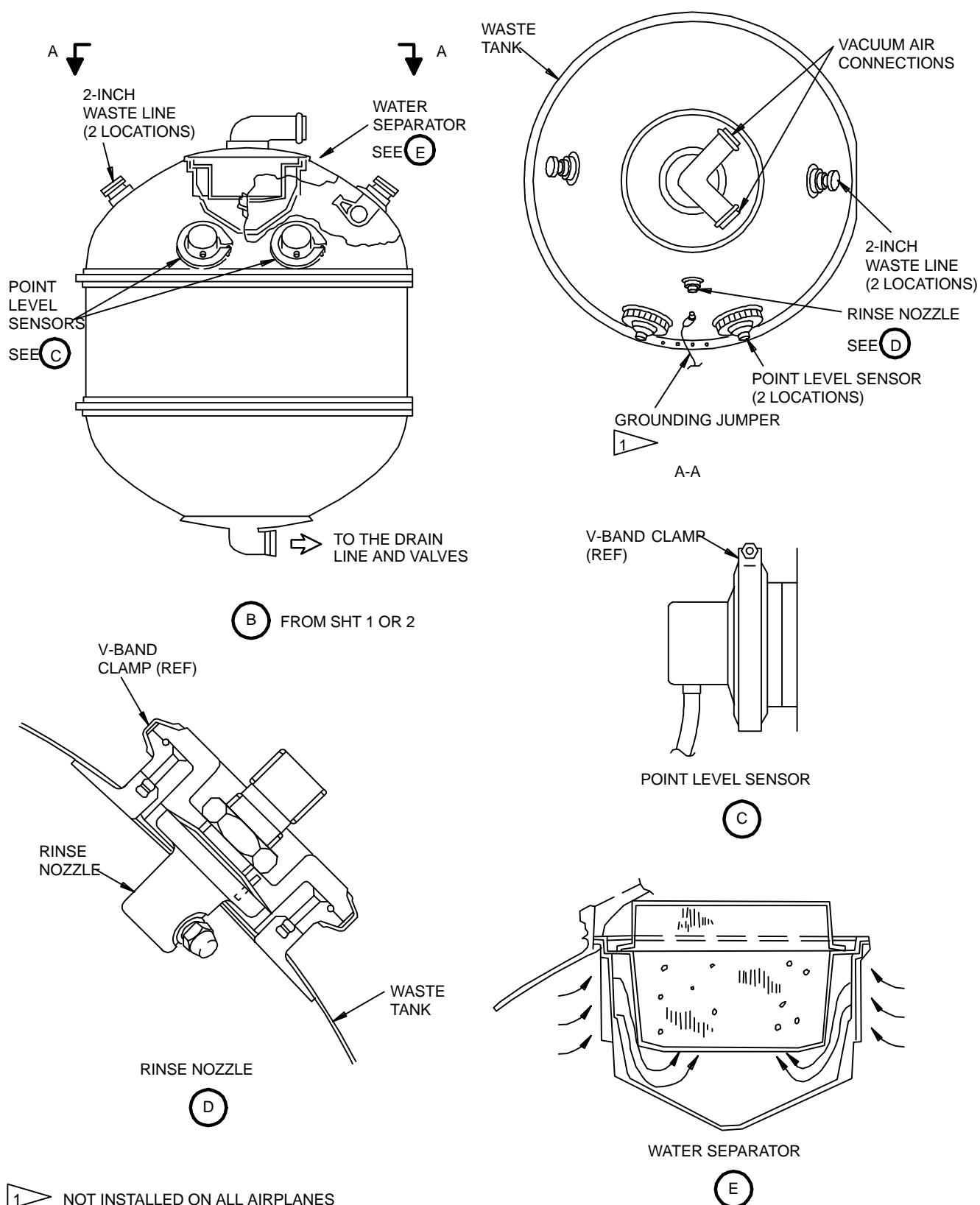


Lavatory Waste - Component Location
Figure 102 (Sheet 2)

Figure 123 38-30 Lavatory Waste Comp. Location Fig. 102 (Sheet 2)

798276



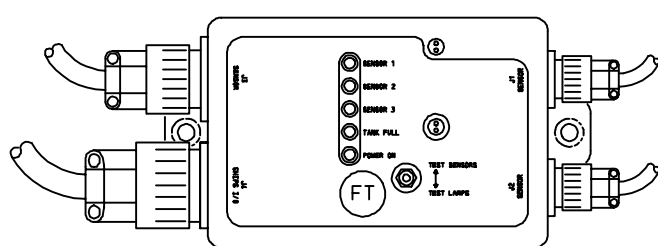


Lavatory Waste - Component Location
Figure 102 (Sheet 3)

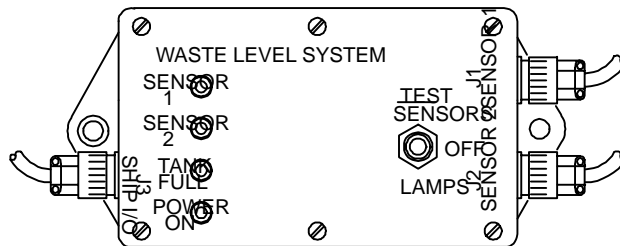
Figure 124 38-30 Lavatory Waste Comp. Location Fig. 102 (Sheet 3)

798285

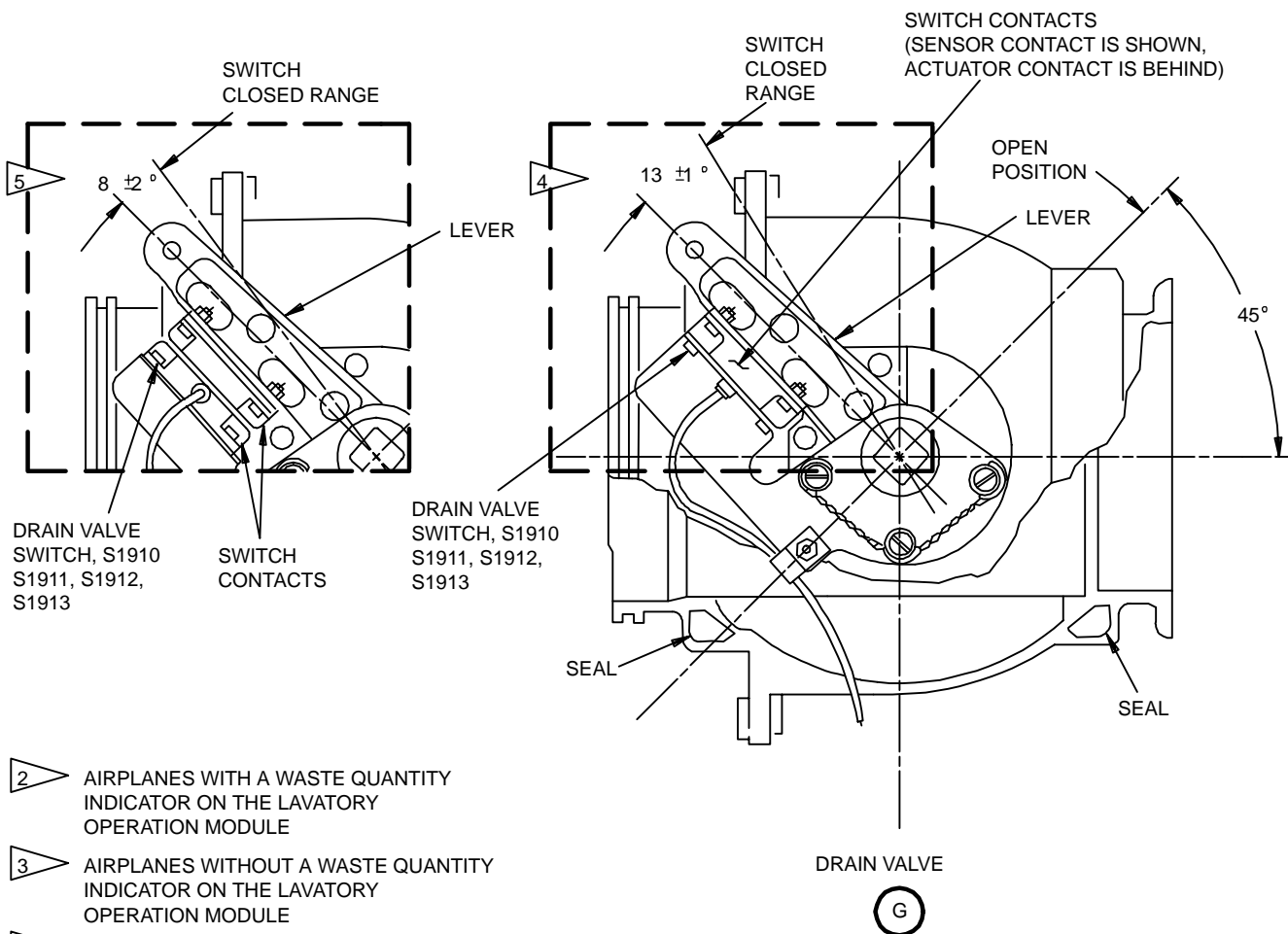




LEVEL SENSOR LOGIC CONTROL MODULE, M1



LEVEL SENSOR LOGIC CONTROL MODULE, M1



- 2 AIRPLANES WITH A WASTE QUANTITY INDICATOR ON THE LAVATORY OPERATION MODULE
- 3 AIRPLANES WITHOUT A WASTE QUANTITY INDICATOR ON THE LAVATORY OPERATION MODULE
- 4 SWITCH WITH CONTACTS THAT OVERLAP (ALTERNATIVE CONFIGURATION)
- 5 SWITCH WITH CONTACTS THAT DO NOT OVERLAP (ALTERNATIVE CONFIGURATION)

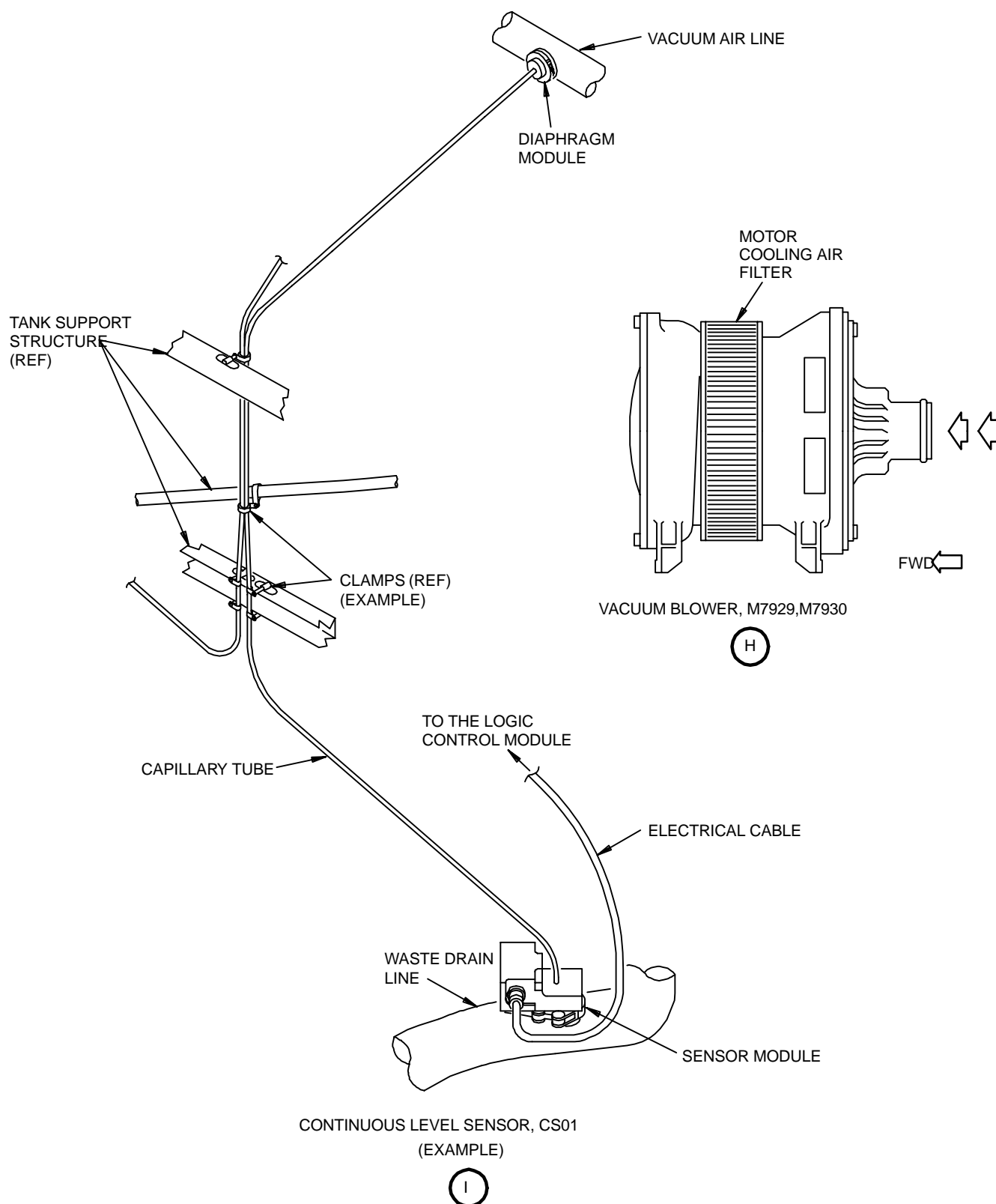
Lavatory Waste - Component Location (Details from Sht 1 or 2)

Figure 102 (Sheet 4)

Figure 125 38-30 Lavatory Waste Comp. Location Fig. 102 (Sheet 4)

723952



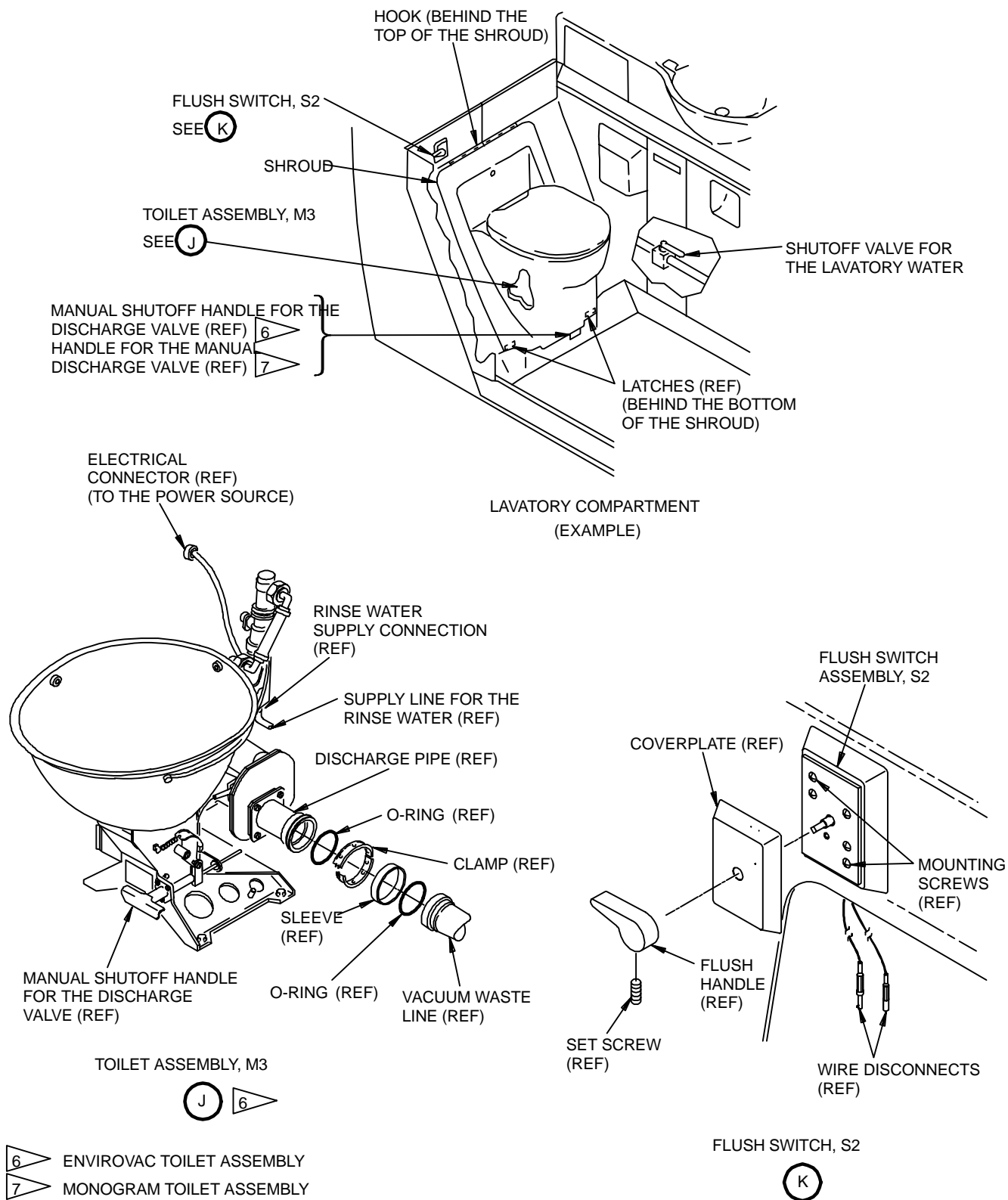


Lavatory Waste - Component Location (Details from Sht 1 or 2)
Figure 102 (Sheet 5)

Figure 126 38-30 Lavatory Waste Comp. Location Fig. 102 (Sheet 5)

798410



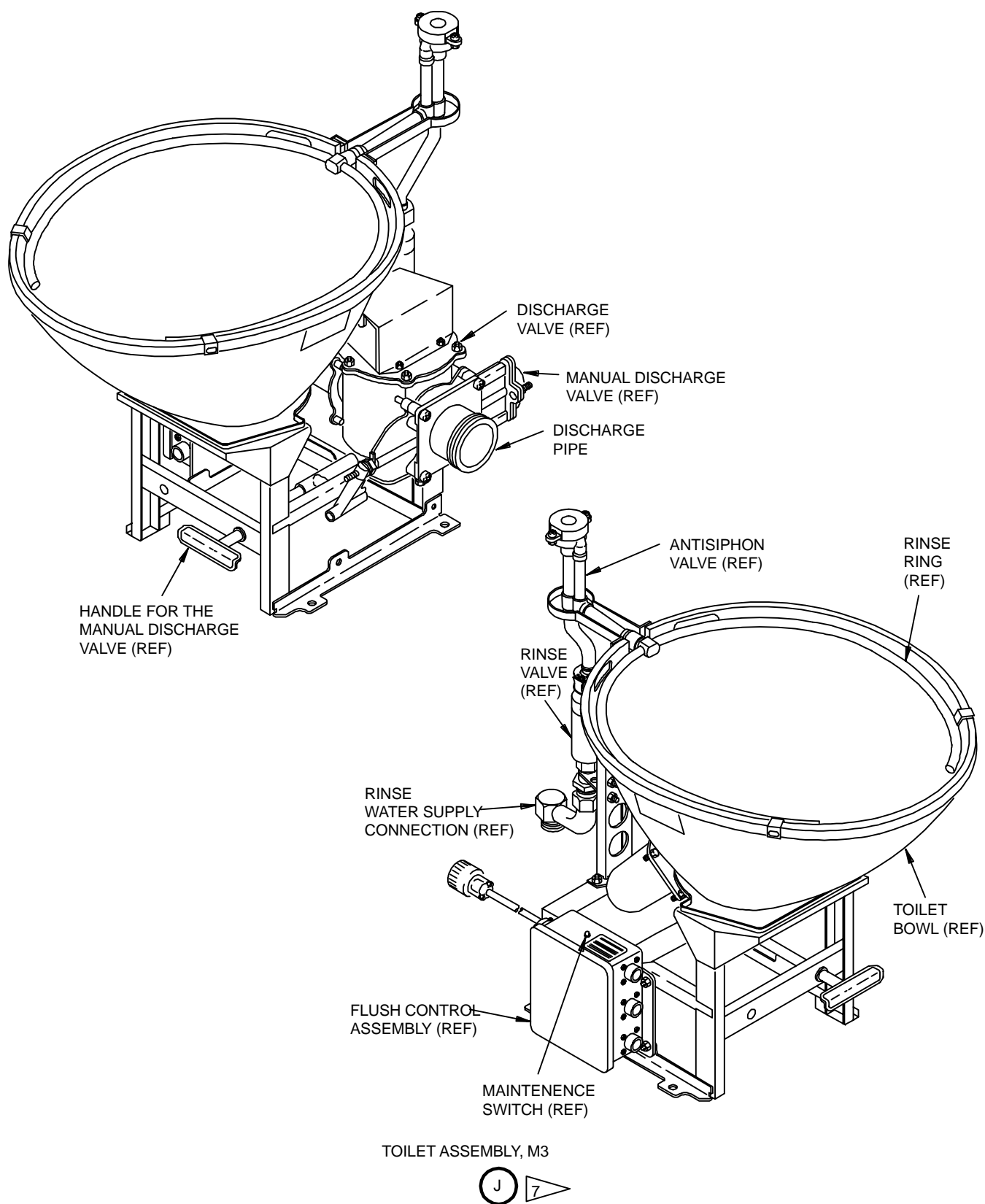


Lavatory Waste - Component Location
Figure 102 (Sheet 6)

Figure 127 38-30 Lavatory Waste Comp. Location Fig. 102 (Sheet 6)

854926





Lavatory Waste - Component Location
Figure 102 (Sheet 7)

Figure 128 38-30 Lavatory Waste Comp. Location Fig. 102 (Sheet 7)

854911



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