



**BOEING**  
757  
FAULT ISOLATION/MAINT MANUAL

GPA Group plc

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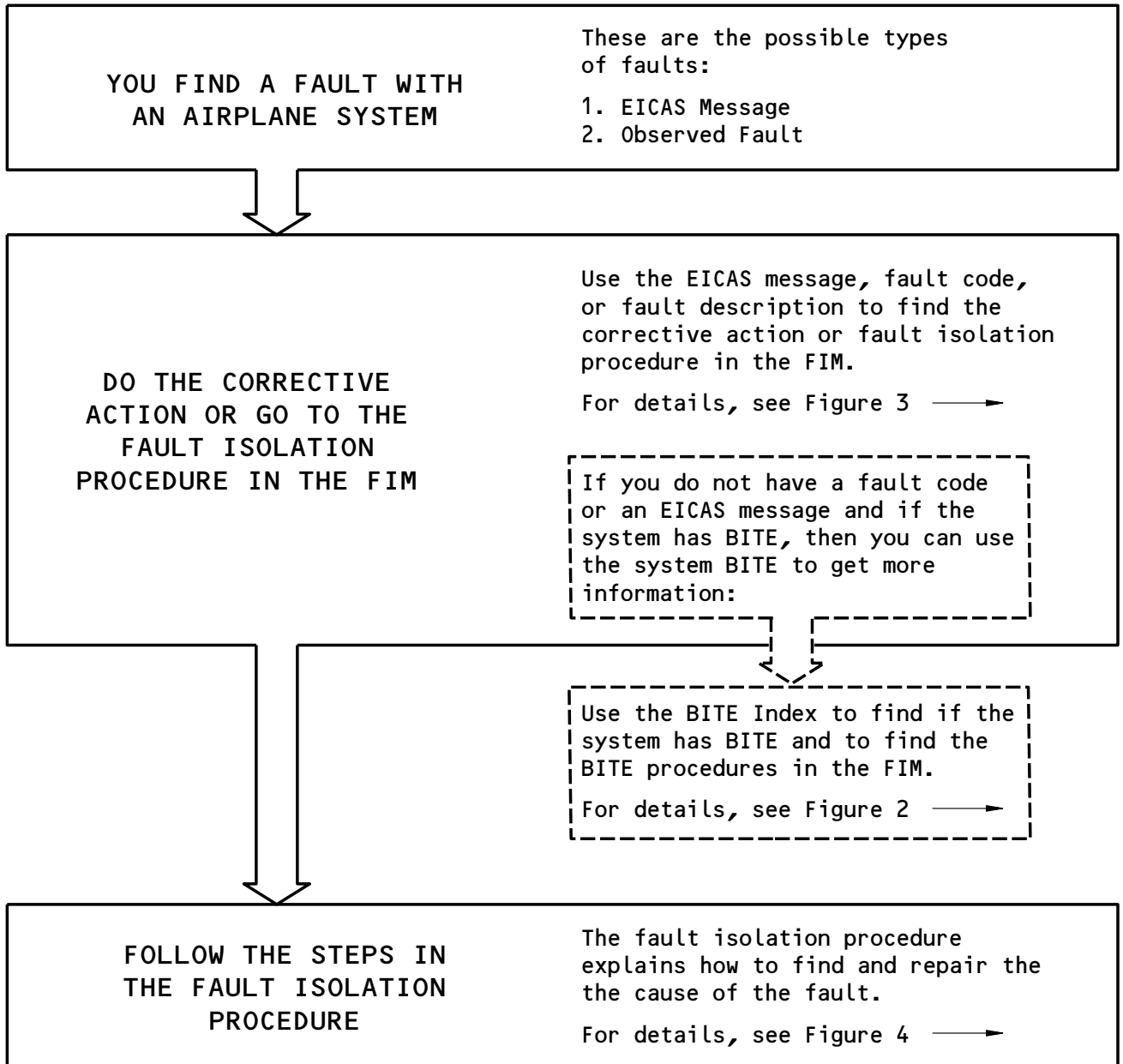
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Basic Fault Isolation Process  
Figure 1

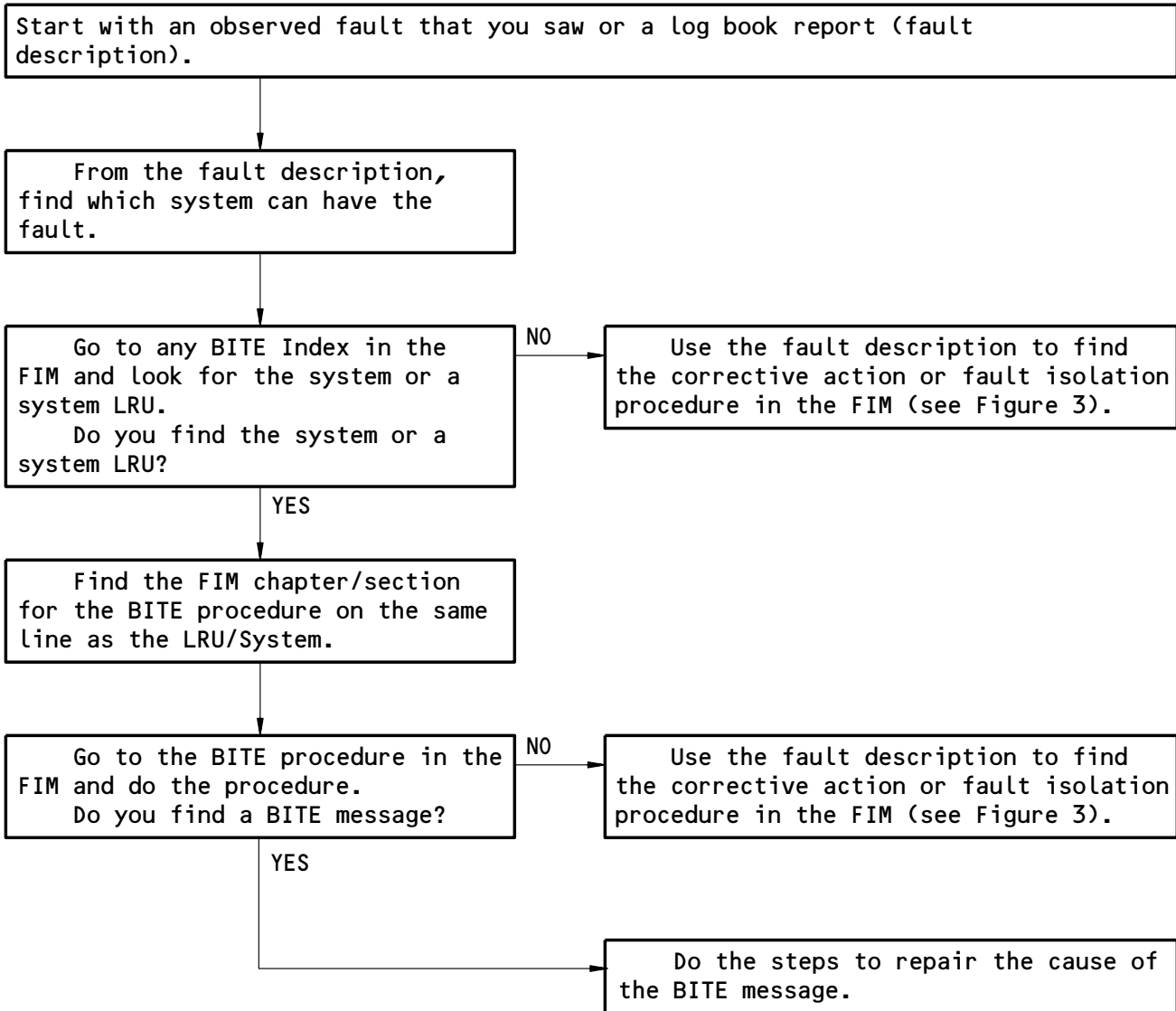
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## 25-HOW TO USE THE FIM

01

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How to Get Fault Information from BITE  
Figure 2

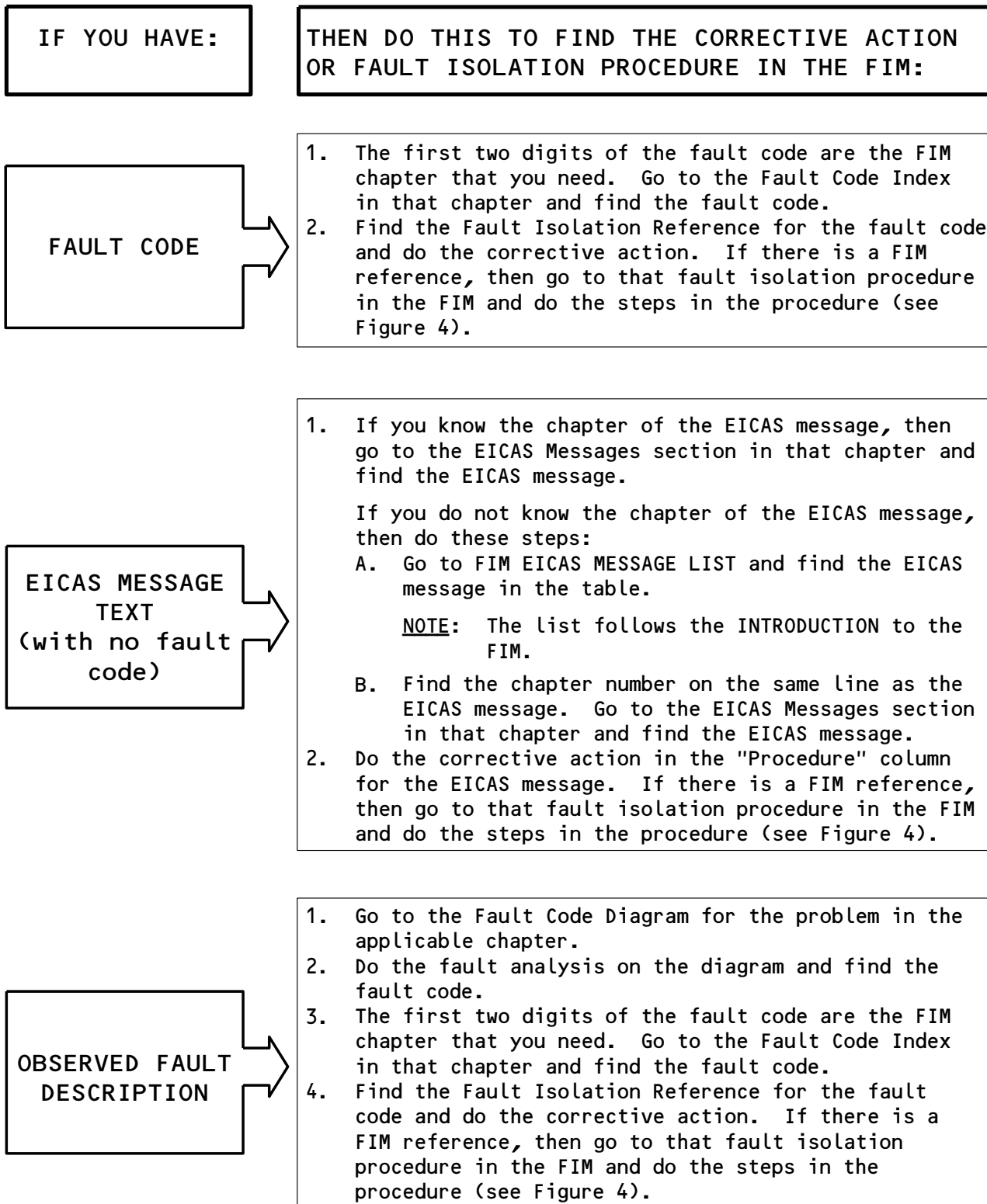
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## 25-HOW TO USE THE FIM

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How to Find the Corrective Action or Fault Isolation Procedure in the FIM

Figure 3

EFFECTIVITY

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## 25-HOW TO USE THE FIM

01

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ASSUMED CONDITIONS AT START OF TASK

- External electrical power is OFF
- Hydraulic power and pneumatic power are OFF
- Engines are shut down
- Circuit breakers for the system are closed
- No equipment in the system is deactivated

PREREQUISITES

- This box gives the steps to get the airplane from the normal shutdown condition to the configuration necessary to do the fault isolation procedure.
- The Prerequisites give procedure references, circuit breakers, and special tools and equipment requirements.

FAULT ISOLATION BLOCKS

- Start the fault isolation procedure at block 1 unless specified differently.
- Do the check to get an answer to the question in the box. Follow the arrow that applies to your answer. This will go to the next check.
- When you get to a box in the column at the right of the page, you have isolated that fault. Do the steps in that box to repair the cause of the fault.
- Make sure that fault is corrected to complete the procedure.

Do the Fault Isolation Procedure  
Figure 4

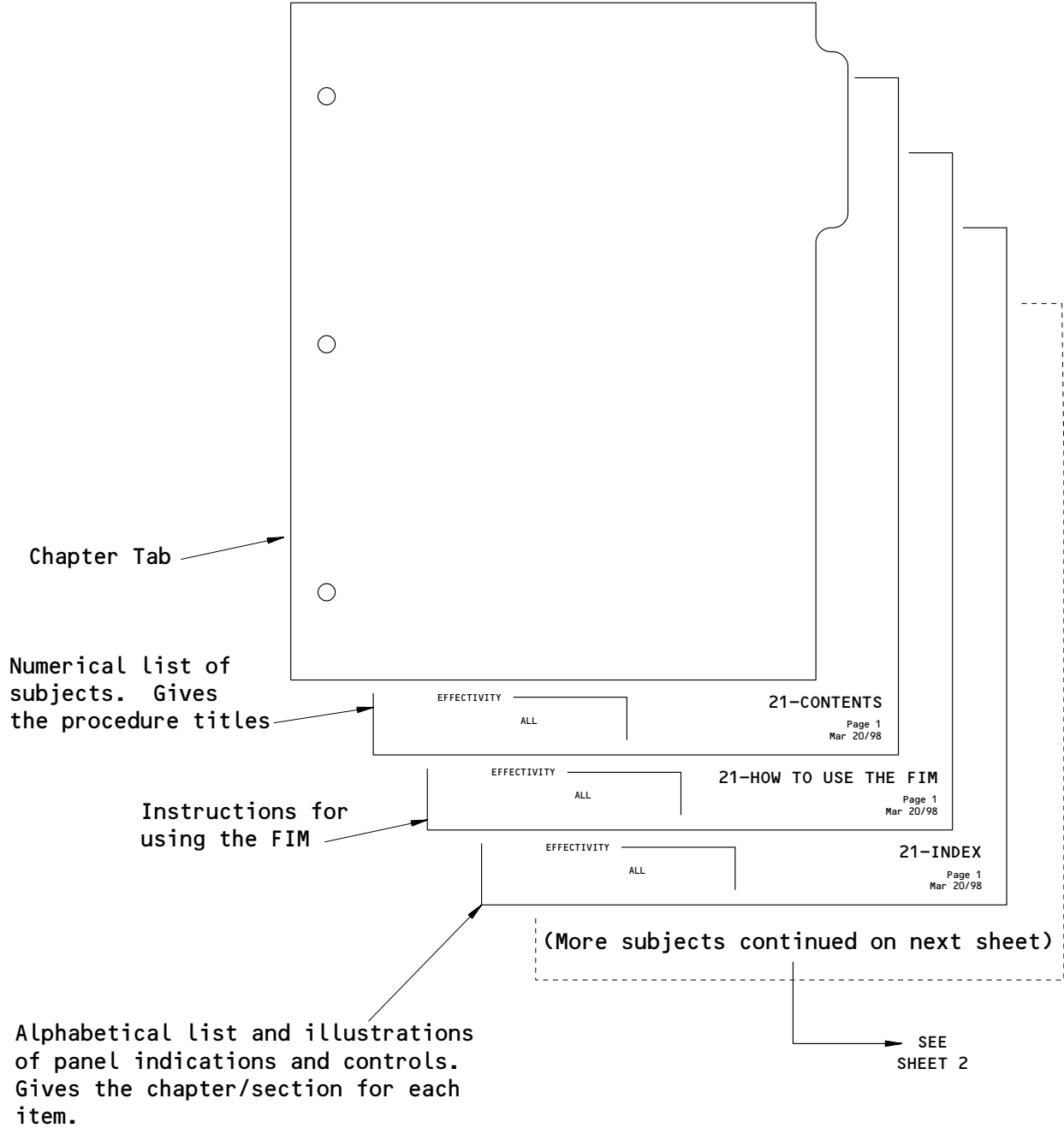
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**25-HOW TO USE THE FIM**

01

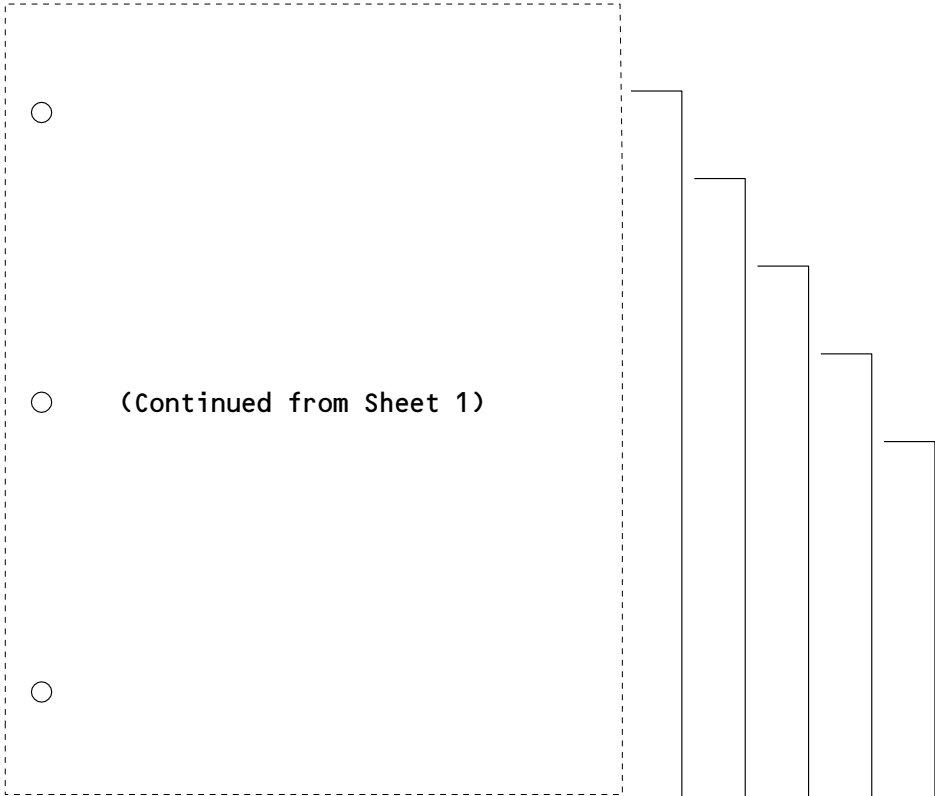
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Subjects in Each FIM Chapter  
Figure 5 (Sheet 1)

<p>EFFECTIVITY</p> <hr/> <p align="center">ALL</p>	<h1 align="center">25-HOW TO USE THE FIM</h1> <p align="right">01      Page 5 Sep 20/98</p>
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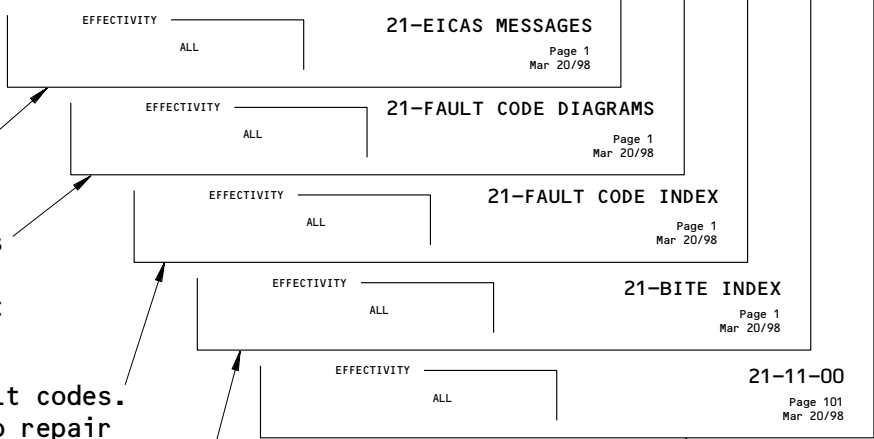




Alphabetical list of the EICAS messages. Gives the procedure to repair the cause of the message or a reference to a fault isolation procedure.

Failure analysis diagrams for the airplane systems to find the correct fault code for the fault.

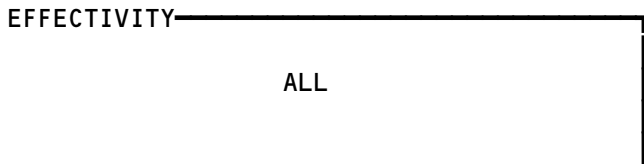
Numerical list of fault codes. Gives the procedure to repair the cause of the fault or a reference to a fault isolation procedure.



Alphabetical list of all the LRUs/systems that have BITE. Gives the chapter/section for the BITE procedure.

Component index, component location, and fault isolation procedures for the systems in the chapter.

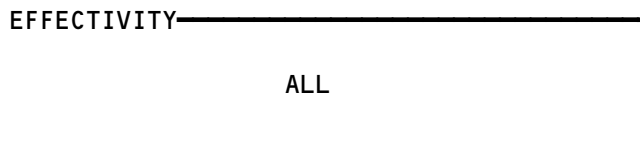
Subjects in Each FIM Chapter  
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# 25-HOW TO USE THE FIM

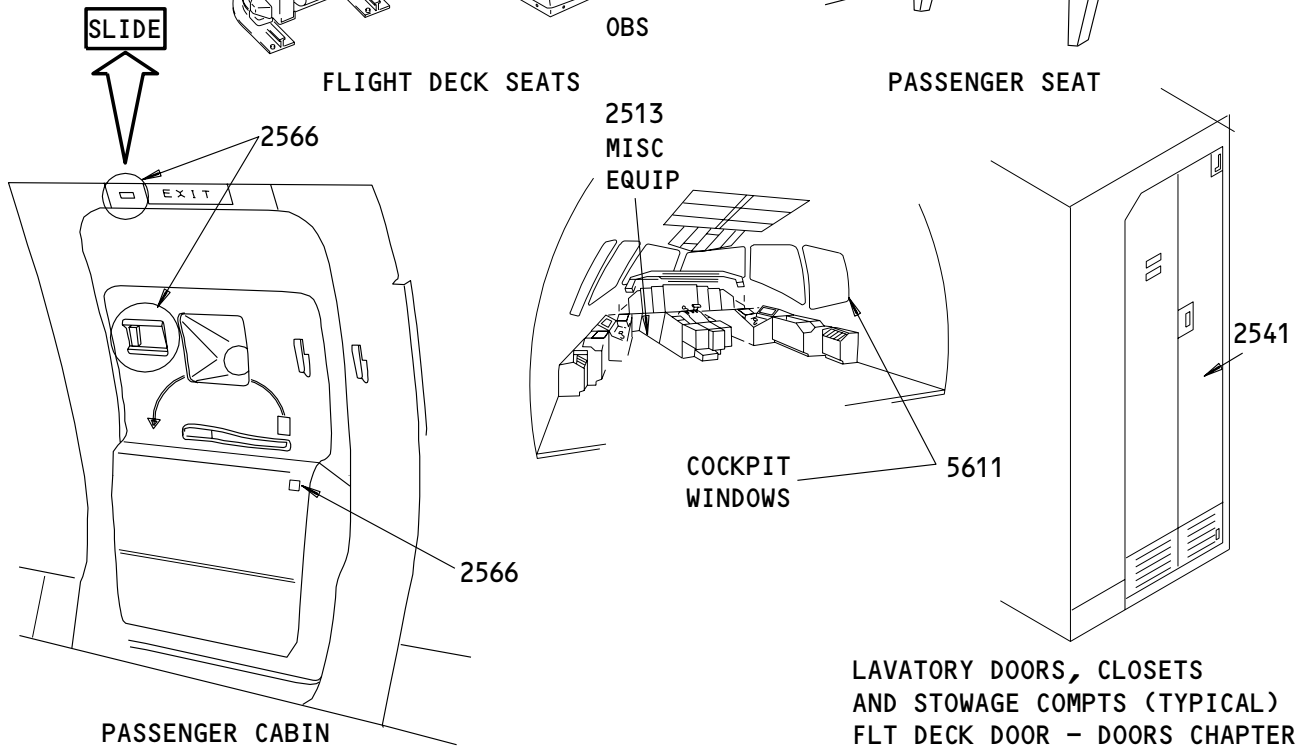
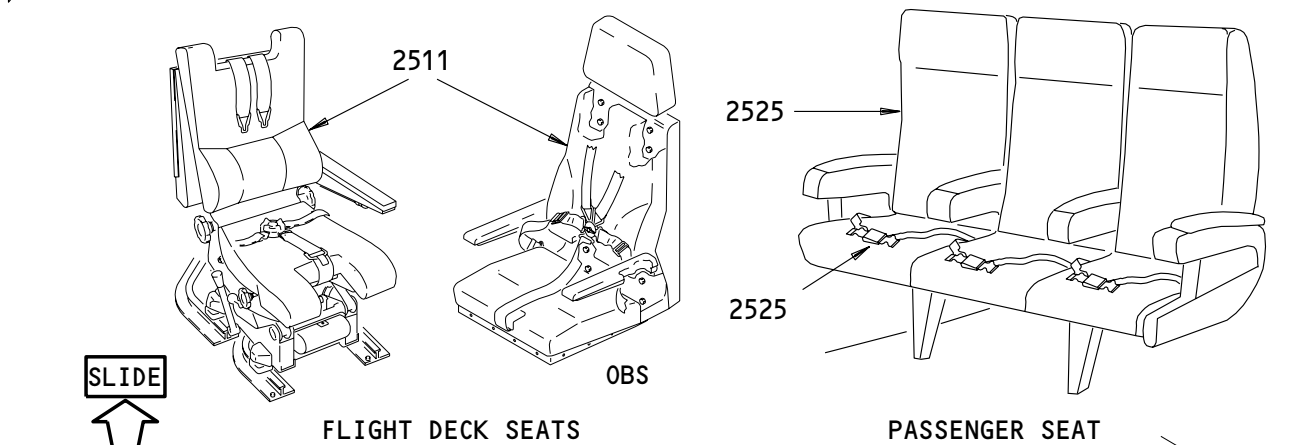
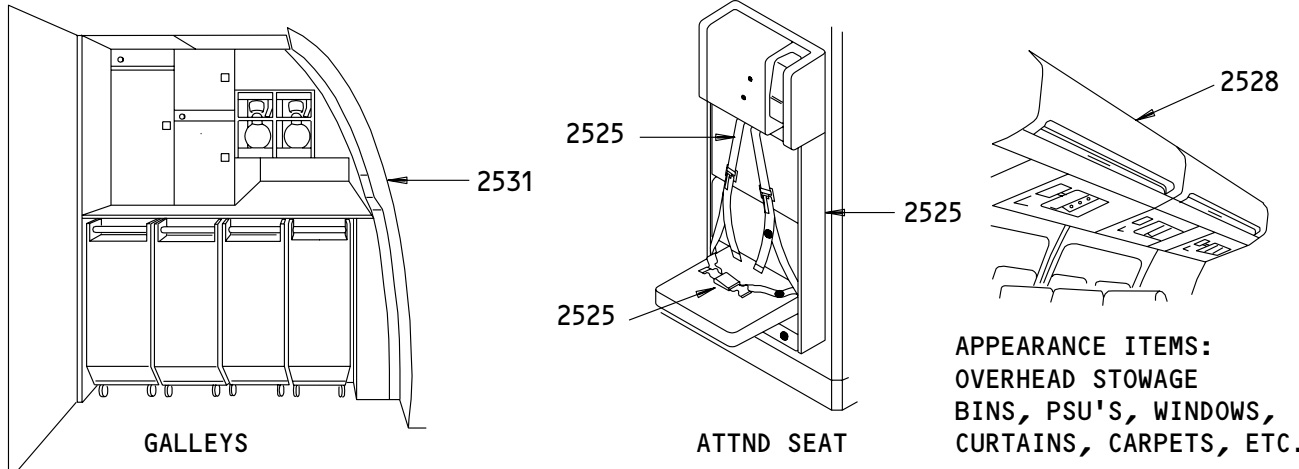
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CARPETS .....	2527
CLOSETS .....	2524
CURTAINS .....	2531
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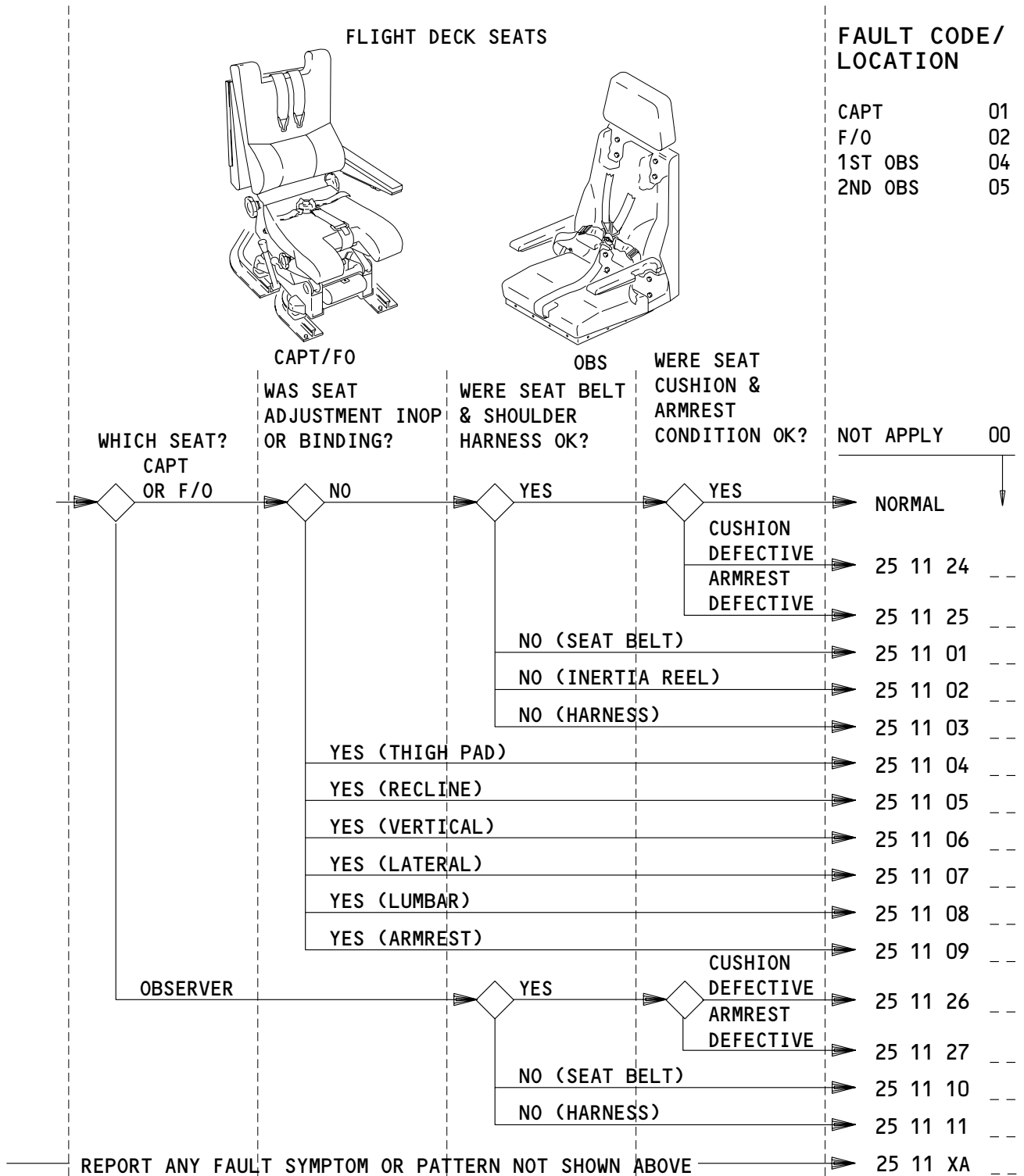
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APPLICABLE CIRCUIT BREAKERS  
NONE

**FLIGHT CREW SEATS – FAULT CODES**  
Figure 1

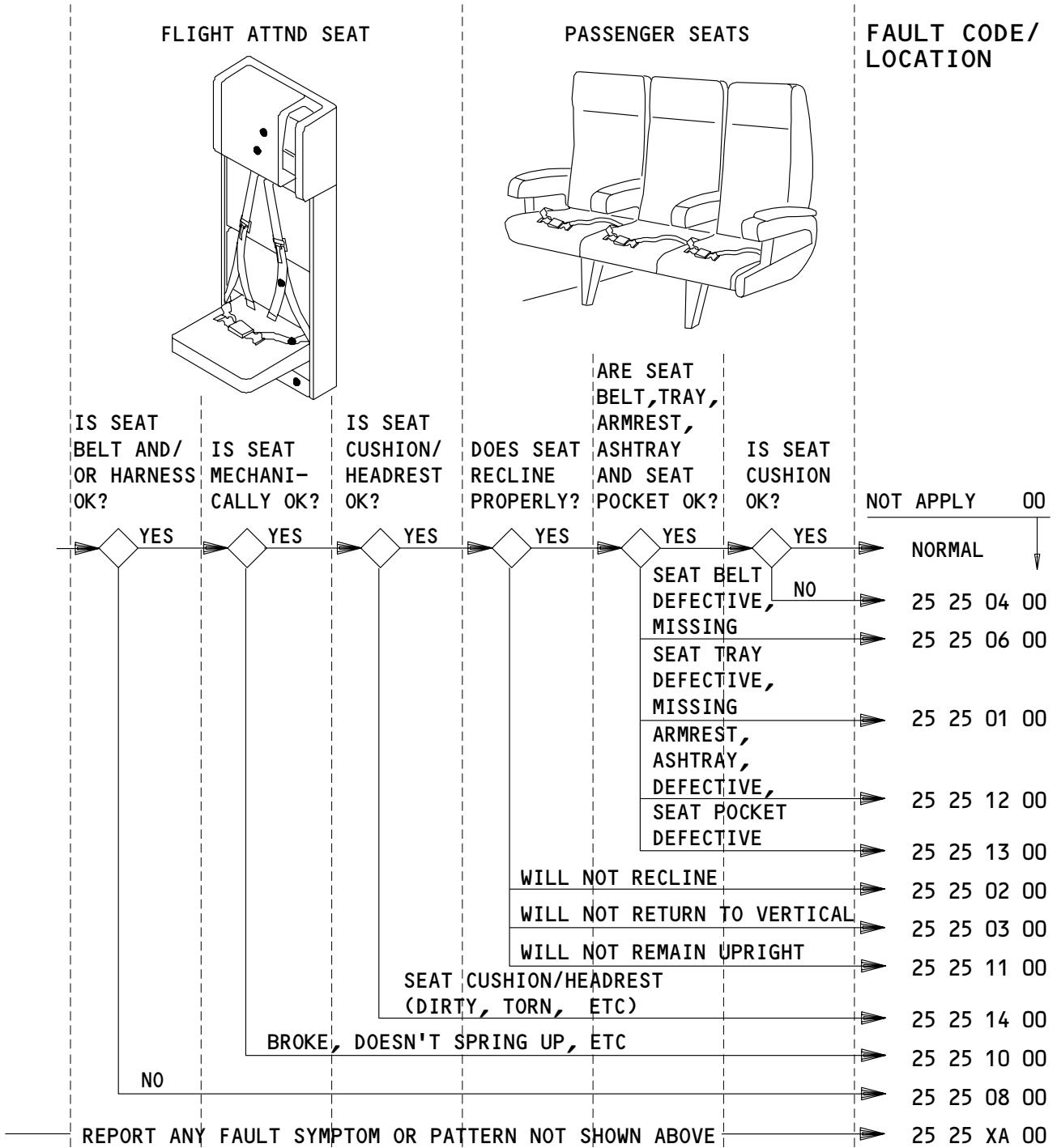
EFFECTIVITY

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# 25-FAULT CODE DIAGRAM

03

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APPLICABLE CIRCUIT BREAKERS  
NONE

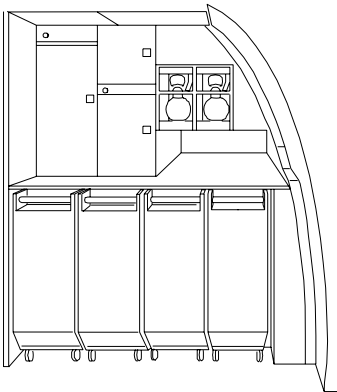
FLIGHT ATTND AND PASSENGER SEATS - FAULT CODES  
Figure 2

EFFECTIVITY

ALL

# 25-FAULT CODE DIAGRAM

GALLEY (TYPICAL)



**FAULT CODE/  
LOCATION**

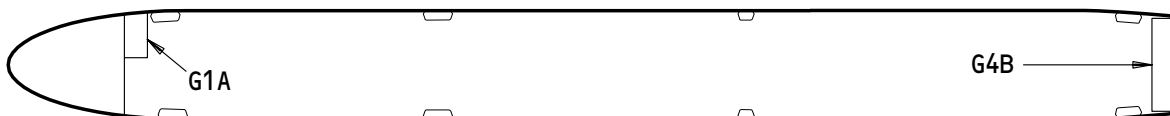
GALLEYS 1  
G1A 80  
G4B 97

WAS THE GALLEY EQUIPMENT IN GOOD COND & OPERATING NORMALLY?

NOT APPLY 00

YES	NORMAL	00
OVEN DEFECTIVE	25 31 08	--
COFFEEMAKER DEFECTIVE	25 31 06	--
WATER LEAK (COFFEEMAKER)	25 31 19	--
BEVERAGE MAKER DEFECTIVE	25 31 14	--
WATER LEAK (BEVERAGE MAKER)	25 31 03	--
WATER LEAK (OTHER AREAS)	25 31 05	--
(STOWAGE, WASTE) COMPARTMENTS DEFECTIVE	25 31 17	--
CART (MEAL, BEVERAGE) NEEDS REPAIR	25 31 10	--
NO GALLEY POWER, ALL GALLEYS 2	25 31 11	00
NO GALLEY POWER, SINGLE GALLEY	25 31 13	--
REPORT ANY FAULT SYMPTOM OR PATTERN NOT SHOWN ABOVE	25 31 XA	--

1 GALLEY LOCATIONS



2 GALLEY POWER MAY BE LOST DUE TO AUTOMATIC LOAD SHEDDING REQUIREMENTS.

APPLICABLE CIRCUIT BREAKERS

11S2	GALLEY G4B
11S33	GALLEY G1A

GALLEY - FAULT CODES  
Figure 3

EFFECTIVITY

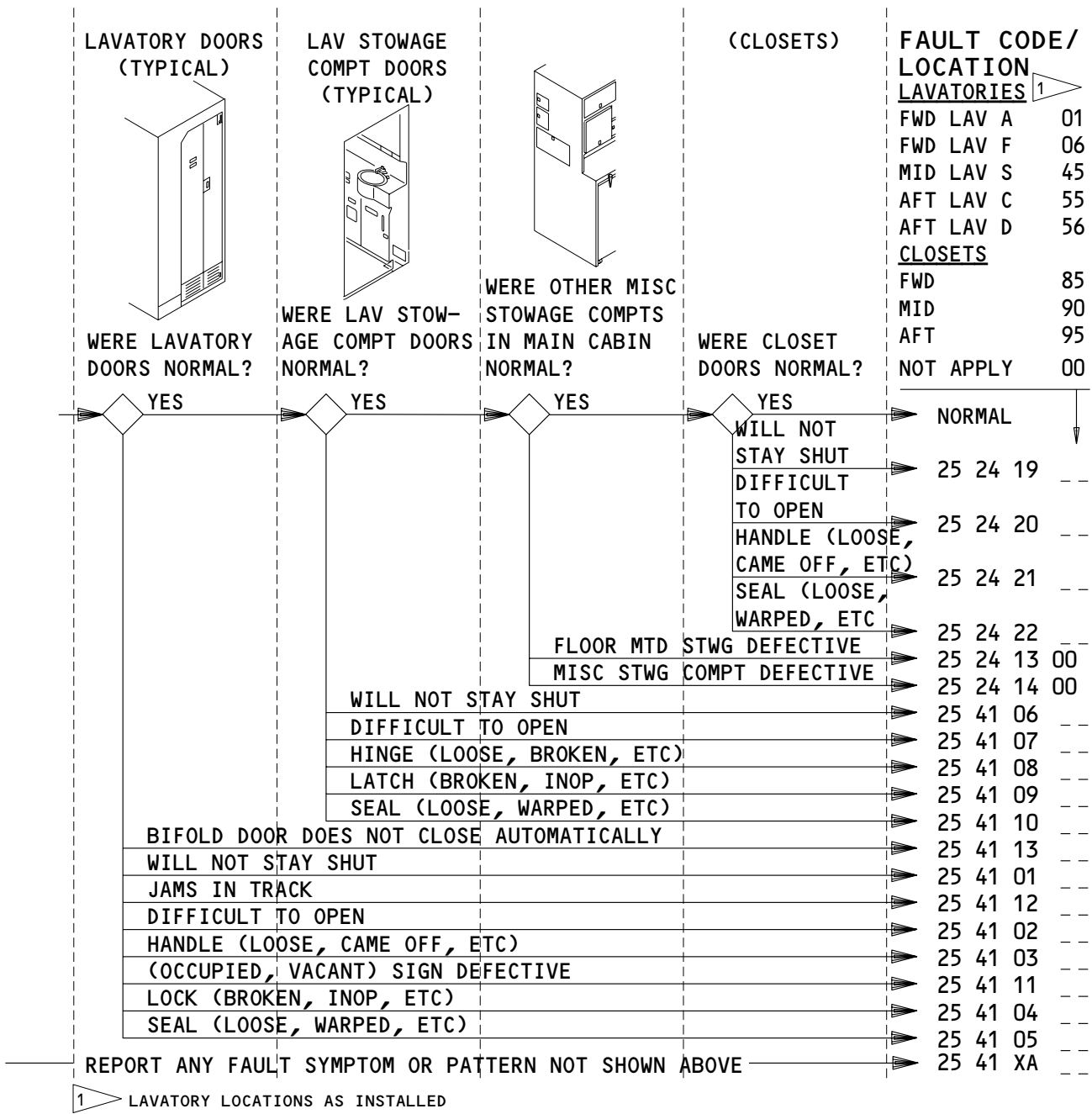
ALL

# 25-FAULT CODE DIAGRAM

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### FAULT ISOLATION/MAINT MANUAL



APPLICABLE CIRCUIT BREAKERS

NONE

LAVATORY DOORS, CLOSETS & STOWAGE COMPTS - FAULT CODES

Figure 4

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ALL

## 25-FAULT CODE DIAGRAM

A49796

Not Used  
Figure 5

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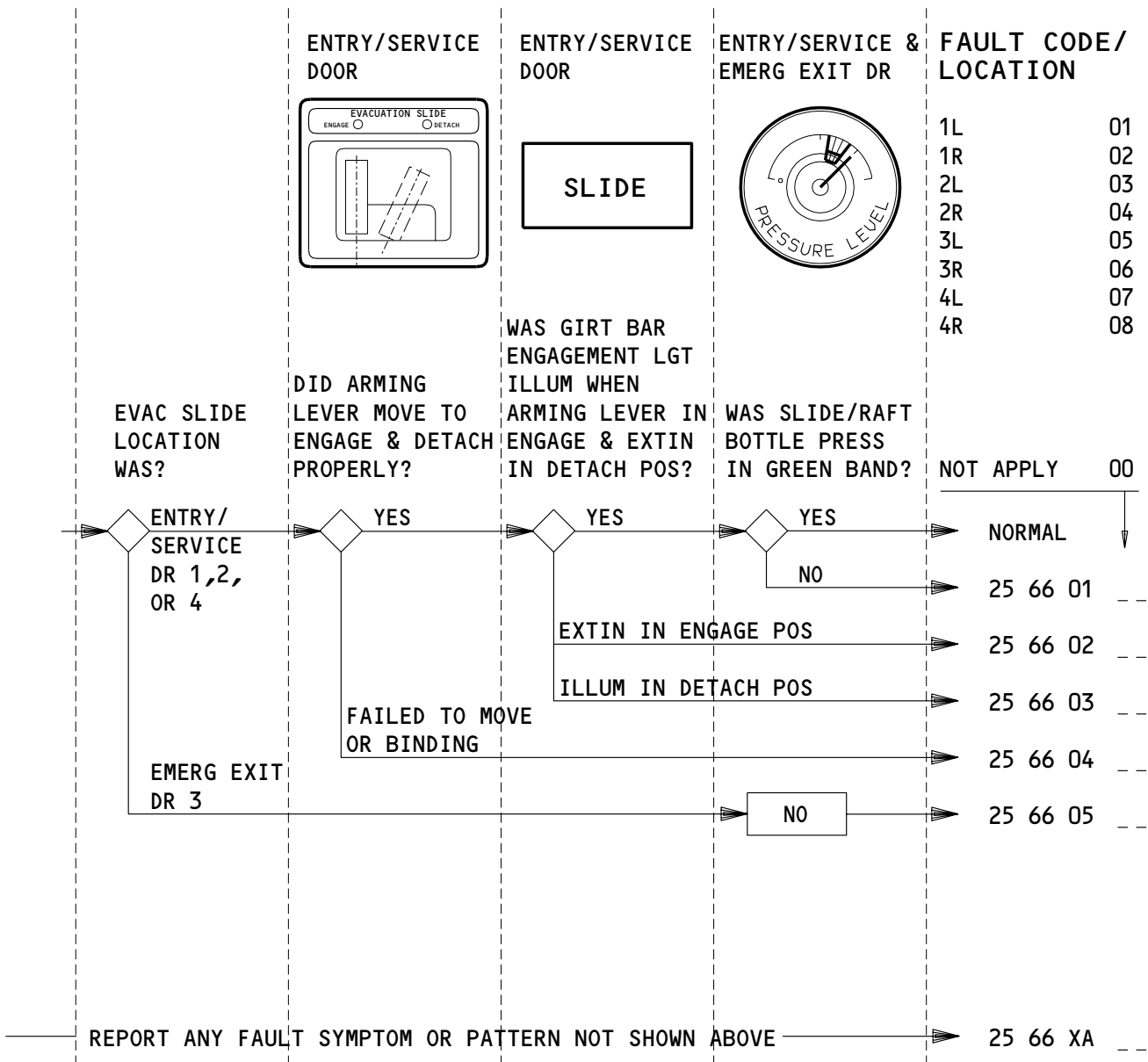
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05

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K26137





APPLICABLE CIRCUIT BREAKERS

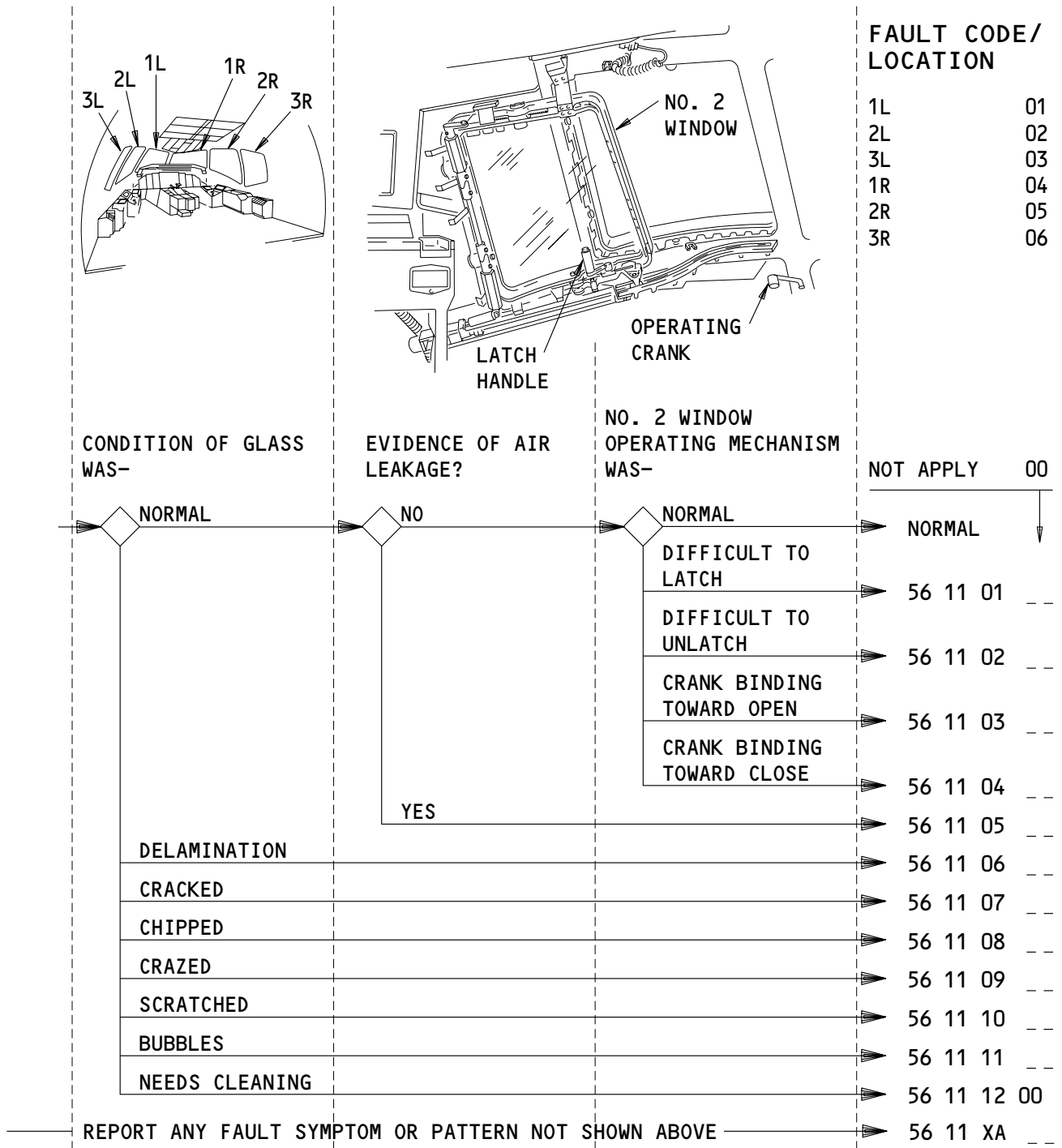
11R34 DOOR GIRT BAR ENT DIM

### EVACUATION SLIDE - FAULT CODES

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## 25-FAULT CODE DIAGRAM



APPLICABLE CIRCUIT BREAKERS

NONE

**COCKPIT WINDOW - FAULT CODES**

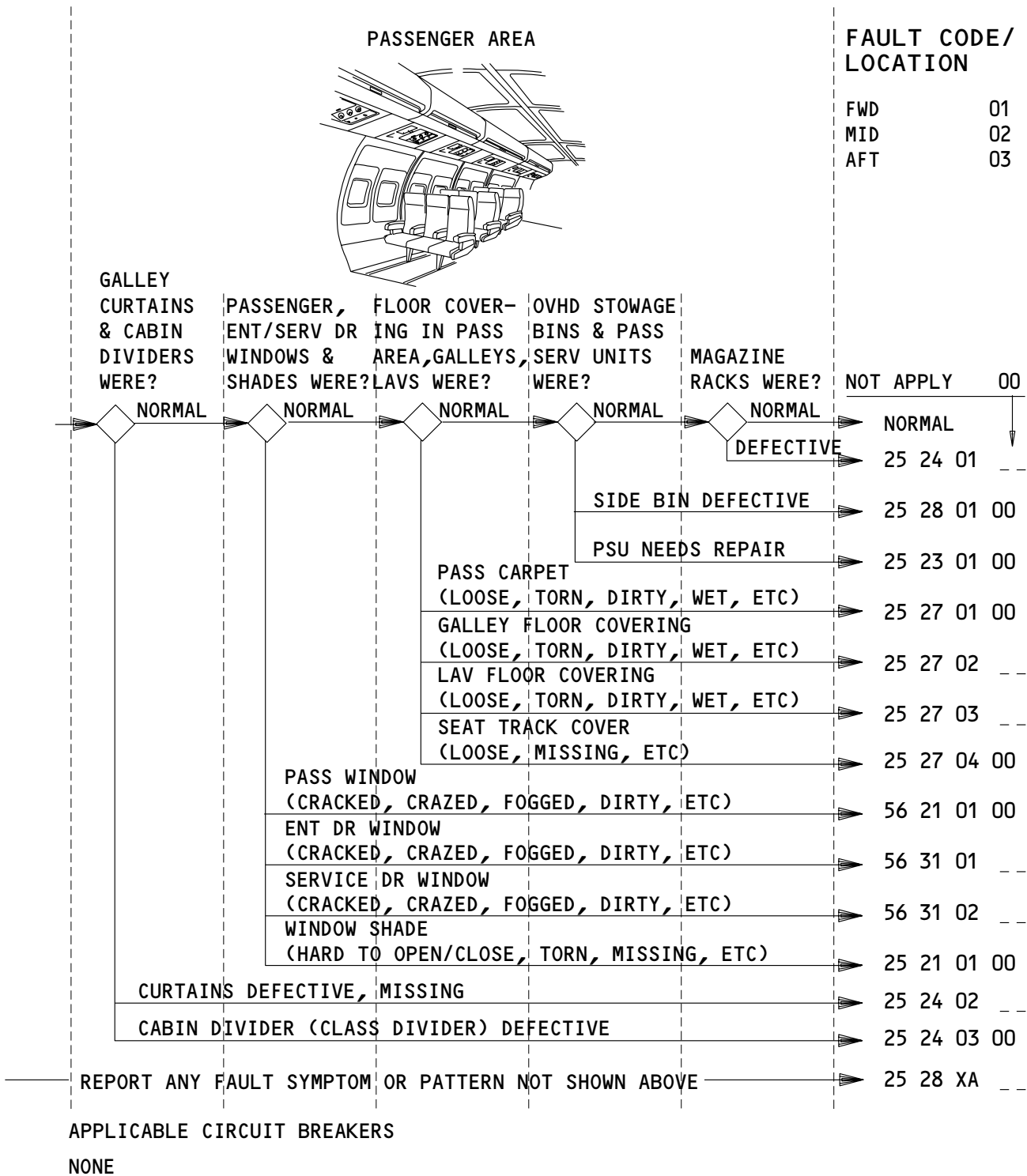
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# 25-FAULT CODE DIAGRAM

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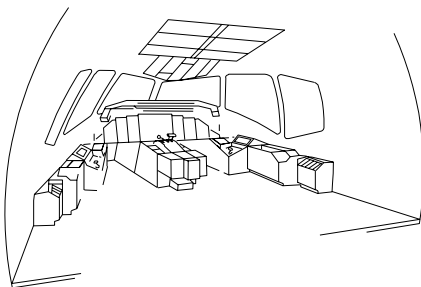
APPEARANCE ITEMS - FAULT CODES  
Figure 8

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# 25-FAULT CODE DIAGRAM

FLIGHT DECK AREA



MISCELLANEOUS EQUIPMENT WAS?

FAULT CODE/  
LOCATION

CAPT 01  
F/O 02  
1st OBS 04  
2nd OBS 05

NOT APPLY 00

◇	NORMAL	▶	NORMAL	↓
	ASHTRAY (DEFECTIVE/MISSING)	▶	25 13 01	--
	ASSIST HANDLE DEFECTIVE	▶	25 13 02	--
	BRIEFCASE STOWAGE DEFECTIVE	▶	25 13 03	--
	CHARTHOLDER (CONTROL COLUMN) DEFECTIVE	▶	25 13 04	--
	CHARTHOLDER (SIDEWALL) DEFECTIVE	▶	25 13 05	--
	CUPHOLDER DEFECTIVE	▶	25 13 06	--
	HATCLIP DEFECTIVE	▶	25 13 07	--
	LIBRARY STOWAGE STRAP DEFECTIVE	▶	25 13 08	00
	SUNVISOR DEFECTIVE	▶	25 13 09	--
	SUNVISOR SLIDE DEFECTIVE	▶	25 13 10	--
	WASTE BAG SPRING CLIP DEFECTIVE	▶	25 13 11	00
REPORT ANY FAULT SYMPTOM OR PATTERN NOT SHOWN ABOVE			▶	25 13 XA

APPLICABLE CIRCUIT BREAKERS

NONE

MISCELLANEOUS FLIGHT DECK EQUIPMENT - FAULT CODES

Figure 9

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# 25-FAULT CODE DIAGRAM

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FAULT CODE	LOG BOOK REPORT	FAULT ISOLATION REFERENCE
25 11 XA --	(01=Capt, 02=F/O, 04=1st OBS, 05=2nd OBS) A flight crew seat problem was encountered by the flight crew which is not covered in the Fault Code Diagrams.	AMM 25-11-00
25 11 01 --	(01=Capt, 02=F/O) Seat belt at seat defective (describe condition).	Repair or replace the seat belt (AMM 25-11-00).
25 11 02 --	(01=Capt, 02=F/O) Shoulder harness inertia reel at seat failed to extend, retract.	Replace the inertia reel (AMM 25-11-00).
25 11 03 --	(01=Capt, 02=F/O) Shoulder harness at seat defective (describe condition).	Repair or replace the shoulder harness (AMM 25-11-00).
25 11 04 --	(01=Capt, 02=F/O) Seat thigh pad adjustment (inop, binding).	FIM 25-11-00/101
25 11 05 --	(01=Capt, 02=F/O) Seat recline adjustment (inop, binding).	FIM 25-11-00/101
25 11 06 --	(01=Capt, 02=F/O) Seat vertical adjustment (inop, binding).	FIM 25-11-00/101, Fig. 105
25 11 07 --	(01=Capt, 02=F/O) Seat horiz adjustment (inop, binding).	FIM 25-11-00/101, Fig. 106
25 11 08 --	(01=Capt, 02=F/O, 03=Supernumerary) Seat lumbar adjustment (inop, binding).	FIM 25-11-00/101, Fig. 107
25 11 09 --	(01=Capt, 02=F/O, 03=Supernumerary) Seat armrest adjustment (inop, binding).	FIM 25-11-00/101, Fig. 108
25 11 10 --	(04=1st Obs, 05=2nd Obs) Seat belt at seat defective (describe condition).	Repair or replace the seat belt (AMM 25-11-00).

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FAULT CODE	LOG BOOK REPORT	FAULT ISOLATION REFERENCE
25 11 11 --	(04=1st Obs, 05=2nd Obs) Shoulder harness at obs seat defective (describe condition).	Repair or replace the shoulder harness (AMM 25-11-00).
25 11 24 --	(01=Capt, 02=F/O) Seat cushion (bottom, back) defective. Describe loose, torn, etc.	Repair or replace the seat cushion.
25 11 25 --	(01=Capt, 02=F/O) Armrest (left, right) defective. Describe broken, loose, etc.	Repair or replace the armrest.
25 11 26 --	(04=1st Obs, 05=2nd Obs) Seat cushion (bottom, back) defective. Describe loose, torn, etc.	Repair or replace the seat cushion.
25 11 27 --	(04=1st Obs, 05=2nd Obs) Armrest (left, right) defective. Describe broken, loose, etc.	Repair or replace the armrest.
25 13 XA --	A flight crew Miscellaneous Flight Deck Equipment problem was encountered by the flight crew which is not covered in the Fault Code Diagrams.	AMM 25-13-01/201, AMM 25-13-02/501, AMM 25-13-03/401
25 13 01 --	(01=Capt, 02=F/O, 04=1st Obs, 05=2nd Obs) Ashtray at position defective/missing.	Replace the ashtray.
25 13 02 --	(01=Capt, 02=F/O) Assist handle at position defective.	Repair or replace the assist handle.
25 13 03 --	(01=Capt, 02=F/O) Briefcase stowage at position defective.	Repair or replace the briefcase stowage.
25 13 04 --	(01=Capt, 02=F/O) Chartholder - control column at position defective.	Repair or replace the chartholder.
25 13 05 --	(01=Capt, 02=F/O) Chartholder - sidewall at position defective.	Repair or replace the chartholder.

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FAULT CODE	LOG BOOK REPORT	FAULT ISOLATION REFERENCE
25 13 06 --	(01=Capt, 02=F/O, 04=1st Obs, 05=2nd Obs) Cupholder at position defective.	Repair or replace the cupholder.
25 13 07 00	(01=CAPT, 02=F/O) Hatclip defective, describe.	Repair or replace the hatclip.
25 13 08 00	Library stowage strap defective.	Replace the library stowage strap.
25 13 09 --	(01=Capt, 02=F/O) Sunvisor at position defective.	Repair or replace the sunvisor.
25 13 10 --	(01=Capt, 02=F/O) Sunvisor slider at position defective.	Adjust, repair or replace the sunvisor slider.
25 13 11 00	Waste bag springclip defective.	Repair or replace the springclip.
25 21 01 00	Passenger window shade (locate by seat No.) is (describe condition) hard to open/close, torn, missing, etc.	Repair or replace the window shade.
25 23 01 00	PSU at seat (locate by seat No.) damaged.	Replace the PSU (AMM 25-23-01).
25 24 01 --	(01=FWD, 02=MID, 03=AFT) Area magazine rack defective.	Repair or replace the magazine rack.
25 24 02 --	(01=FWD, 02=MID, 03=AFT) Curtain at galley is (describe condition) torn, soiled, missing, coming off track, etc.	Repair or replace the curtain (AMM 25-24-00).
25 24 03 00	Cabin divider (class divider) defective. Describe condition.	Repair or replace the divider (AMM 25-24-00).
25 24 13 00	Floor mtd stowage (locate by seat No.) is defective (describe problem: Latch inop, door sticks, etc.).	Repair or replace the floor mtd stowage unit (AMM 25-24-02).
25 24 14 00	Miscellaneous stowage compt (locate by galley, lav, divider, etc.) defective.	Repair or replace the miscellaneous stowage compt.

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FAULT CODE	LOG BOOK REPORT	FAULT ISOLATION REFERENCE
25 24 19 --	(85=FWD, 90=MID, 95=AFT) Closet door will not stay shut.	Repair or replace the door.
25 24 20 --	(85=FWD, 90=MID, 95=AFT) Closet door difficult to open.	Adjust or replace the door.
25 24 21 --	(85=FWD, 90=MID, 95=AFT) Closet door handle defective (describe problem: loose, came off, etc.).	Replace the door.
25 24 22 --	(21=FWD, 22=MID, 23=AFT) Closet door seal defective (describe problem: loose, warped, etc.).	Repair or replace the door seal.
25 24 22 --	(80=FWD, 90=MID, 95=AFT) Closet door seal defective (describe problem: loose, warped, etc.).	Repair or replace the door seal.
25 25 XA 00	An atnd or passenger seat problem was encountered which is not covered in the Fault Code Diagrams.	AMM 25-25-01/201, AMM 25-25-02/501
25 25 01 00	Passenger seat tray (located by seat No.) is defective, missing, etc.	Replace the seat tray.
25 25 02 00	Passenger seat (locate by seat No.) does not recline.	Adjust the recline mechanism or replace the seat (AMM 25-25-01).
25 25 03 00	Passenger seat (locate by seat No.) will not return to vertical.	Adjust the recline mechanism or replace the seat (AMM 25-25-01).
25 25 04 00	Passenger seat cushion (locate by seat No.) is dirty, torn, etc.).	Clean the seat or replace the seat cushion (AMM 25-00-00).
25 25 06 00	Passenger seat belt (locate by seat No.) is defective, missing, etc.	Replace the seat belt.
25 25 08 00	Flight atnd seat belt, harness, is faulty (indentify location).	Replace the seat belt.

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FAULT CODE	LOG BOOK REPORT	FAULT ISOLATION REFERENCE
25 25 10 00	Flight atnd seat broken, doesn't spring up, etc. (identify seat location).	Replace the attendant seat (AMM 25-25-02).
25 25 11 00	Passenger seat (locate by seat No.) will not remain upright.	Replace the recline and lock mechanism (AMM 25-25-01).
25 25 12 00	Passenger armrest is torn, missing, ashtray missing, etc. (locate by seat No.).	Repair or replace the armrest.
25 25 13 00	Passenger seat back pocket is torn, spring broken, etc. (locate by seat No.).	Repair or replace the seat pocket.
25 25 14 00	Flight atnd seat cushion, headrest is dirty, torn, etc. (identify seat location).	Repair or replace the seat cushion or the headrest (AMM 25-25-02).
25 27 01 00	Carpet in passenger area (locate by seat No.)(describe condition: loose, torn, dirty, wet, etc).	Repair or replace the carpet (AMM 25-27-01).
25 27 02 --	(01=FWD, 02=MID, 03=AFT) Floor covering in galley (describe condition: loose, torn, dirty, wet, etc).	Repair or replace the floor covering (AMM 25-27-01).
25 27 03 --	(01=FWD, 02=MID, 03=AFT) Floor covering in lav (describe condition: loose, torn, dirty, wet, etc).	Repair or replace the floor covering (AMM 25-27-01).
25 27 04 00	Vinyl seat track cover (locate by seat No.)(describe condition: loose, missing, etc.).	Repair or replace the seat track cover (AMM 25-27-01).
25 28 XA --	A curtain or stowage bin problem was encountered which is not covered in the Fault Code Diagrams.	Clean, repair, or replace the curtain (AMM 25-00-00) or the stowage bin (AMM 25-28-01) as it is necessary.
25 28 01 00	Overhead stowage bin (locate by seat No.) (describe problem: hinge loose/broken, latch inop, lock inop, door sticks, etc.).	Repair the stowage bin as it is necessary (AMM 25-28-01).

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FAULT CODE	LOG BOOK REPORT	FAULT ISOLATION REFERENCE
25 31 XA --	(80=G1A, 97=G4B) A galley problem was encountered which is not covered in the Fault Code Diagrams.	AMM 25-31-00
25 31 03 --	(80=G1A, 97=G4B) Beverage maker water leak at galley.	Replace the beverage maker (AMM 25-31-05).
25 31 05 --	(80=G1A, 97=G4B) Water leak at galley.	Close the water shutoff valve in the galley and repair the leak.
25 31 06 --	(80=G1A, 97=G4B) Coffeemaker at galley defective (describe defect).	Replace the coffeemaker (AMM 25-31-00).
25 31 08 --	(80=G1A, 97=G4B) Oven at galley defective (describe defect).	Replace the oven (AMM 25-31-00).
25 31 10 --	(80=G1A, 97=G4B) Cart (meal, bar) at galley defective (describe defect).	Replace the cart (AMM 25-31-00).
25 31 11 00	No galley pwr at all galleys.	Set the left and right utility bus switches S7 and S8 (WDM 24-51-71).
25 31 13 --	(80=G1A, 97=G4B) No pwr at galley.	FIM 25-31-00/101, Fig. 103
25 31 14 --	(80=G1A, 97=G4B) Beverage maker defective at galley (describe defect).	Replace the beverage maker.
25 31 17 --	(80=G1A, 97=G4B) Compartment (stowage, waste) in galley defective.	Repair or replace the (stowage, waste) compartment.
25 31 19 --	(80=G1A, 97=G4B) Coffeemaker water leak at galley.	Replace the coffeemaker (AMM 25-31-00).

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## 25-FAULT CODE INDEX



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FAULT CODE	LOG BOOK REPORT	FAULT ISOLATION REFERENCE
25 41 XA --	(01=FWD LAV A, 06=FWD LAV F, 45=MID LAV C, 55=AFT LAV C, 56=AFT LAV D) A lavatory door, closet, and stowage compartment problem was encountered which is not covered in the Fault Code Diagrams.	AMM 25-41-00
25 41 01 --	(01=FWD LAV A, 06=FWD LAV F, 45=MID LAV S, 55=AFT LAV C, 56=AFT LAV D) Door will not stay shut.	Replace the door (AMM 25-41-02).
25 41 02 --	(01=FWD LAV A, 06=FWD LAV F, 45=MID LAV S, 55=AFT LAV C, 56=AFT LAV D) Door difficult to open.	Adjust or replace the door (AMM 25-41-02).
25 41 03 --	(01=FWD LAV A, 06=FWD LAV F, 45=MID LAV S, 55=AFT LAV C, 56=AFT LAV D) Door handle (loose, came off, etc).	Replace the door (AMM 25-41-02).
25 41 04 --	(01=FWD LAV A, 06=FWD LAV F, 45=MID LAV S, 55=AFT LAV C, 56=AFT LAV D) Door lock (broken, inop, etc).	Replace the door (AMM 25-41-02).
25 41 05 --	(01=FWD LAV A, 06=FWD LAV F, 45=MID LAV S, 55=AFT LAV C, 56=AFT LAV D) Door seal (loose, missing, etc).	Repair or replace the door seal (AMM 25-41-00).
25 41 06 --	(01=FWD LAV A, 06=FWD LAV F, 45=MID LAV S, 55=AFT LAV C, 56=AFT LAV D) Stowage compt door will not stay shut.	Repair or replace the door.
25 41 07 --	(01=FWD LAV A, 06=FWD LAV F, 45=MID LAV S, 55=AFT LAV C, 56=AFT LAV D) Stowage compt door difficult to open.	Repair or replace the door.

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FAULT CODE	LOG BOOK REPORT	FAULT ISOLATION REFERENCE
25 41 08 --	(01=FWD LAV A, 06=FWD LAV F, 45=MID LAV S, 55=AFT LAV C, 56=AFT LAV D) Stowage compt door hinge (loose, broken, etc).	Repair or replace the door.
25 41 09 --	(01=FWD LAV A, 06=FWD LAV F, 45=MID LAV S, 55=AFT LAV C, 56=AFT LAV D) Stowage compt door latch broken, inop, etc).	Repair or replace the door.
25 41 10 --	(01=FWD LAV A, 06=FWD LAV F, 45=MID LAV S, 55=AFT LAV C, 56=AFT LAV D) Stowage compt door seal (loose, warped, etc).	Repair or replace the door seal.
25 41 11 --	(01=FWD LAV A, 06=FWD LAV F, 45=MID LAV S, 55=AFT LAV C, 56=AFT LAV D) Sign defective (occupied, vacant).	Repair or replace the sign.
25 41 12 --	(01=FWD LAV A, 06=FWD LAV F, 45=MID LAV S, 55=AFT LAV C, 56=AFT LAV D) Door jams in track.	Repair or replace the door and/or track.
25 41 13 --	(01=FWD LAV A, 06=FWD LAV F, 45=MID LAV S, 55=AFT LAV C, 56=AFT LAV D) Bi-fold does not close	Repair or replace the door.
25 60 XA --	An emergency equipment problem was encountered which is not covered in the Fault Code Diagrams.	AMM 25-60-00
25 60 01 00	Portable fire extin seal broken.	Repair or replace the fire extin seal.
25 60 02 00	Asbestos gloves missing.	Replace the asbestos gloves.
25 60 03 --	(01=CAPT, 02=F/O) Escape strap/cover defective.	Repair or replace the escape strap/cover.

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## 25-FAULT CODE INDEX



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FAULT CODE	LOG BOOK REPORT	FAULT ISOLATION REFERENCE
25 60 04 --	(01=CAPT, 02=F/O, 04=1st OBS, 05=2nd OBS) Smoke goggles missing.	Replace the smoke goggles.
25 60 05 00	Flashlight, missing, not charging, etc.	Replace the flashlight.
25 60 06 00	First aid kit used. Needs replenishing.	Replace the first aid kit.
25 60 07 --	(01=CAPT, 02=F/O, 04=1st OBS, 05=2nd OBS) Life vest/pocket, defective, missing.	Repair or replace the life vest/pocket.
25 60 08 00	Crash axe, missing, holder defective.	Replace the crash axe.
25 66 XA --	(01=1L, 02=1R, 03=2L, 04=2R, 07=4L, 08=4R) A evacuation slide problem was encountered which is not covered in the Fault Code Diagrams.	AMM 25-66-00
25 66 01 --	(01=1L, 02=1R, 03=2L, 04=2R, 07=4L, 08=4R) Evacuation slide/raft bottle pressure (low, zero) at (entry/service) door.	Replace the passenger door-mounted escape slide (AMM 25-66-01).
25 66 02 --	(01=1L, 02=1R, 03=2L, 04=2R, 07=4L, 08=4R) Girt bar engagement lgt off with evacuation slide arming lever in ENGAGE pos at entry/service dr.	FIM 25-66-00/101, Fig. 103
25 66 03 --	(01=1L, 02=1R, 03=2L, 04=2R, 07=4L, 08=4R) Girt bar engagement lgt on with evacuation slide arming lever in DETACH pos at entry/service dr.	Adjust or repair the girt bar handling mechanism (AMM 52-11-25).

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FAULT CODE	LOG BOOK REPORT	FAULT ISOLATION REFERENCE
25 66 04 --	(01=1L, 02=1R, 03=2L, 04=2R, 07=4L, 08=4R) Evacuation slide arming lever, failed to move, binding, at entry/service door.	FIM 52-11-00/101, Fig. 103
25 66 05 --	(05=3L, 06=3R) Evacuation slide bottle press, low, zero, at emerg exit door.	Replace the emergency exit door-mounted escape slide (AMM 25-66-03).

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**FAULT ISOLATION/MAINT MANUAL**

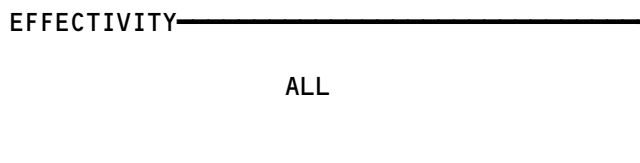
**BITE Index**

**1. General**

- A. Use this index to find the BITE procedure for the applicable LRU/System.
- B. The BITE procedure will provide the fault isolation instructions for the fault indications/LRU maintenance messages.

<u>LRU/System Name</u>	<u>Acronym</u>	<u>FIM Reference</u>
Air Data Computer	ADC	34-12
Air Data Inertial Reference Unit	ADIRU	34-26
Air Traffic Control Transponder	ATC	34-53
Airborne Vibration Monitor Signal Conditioner	AVM	77-31
Antiskid/Autobrake Control Unit		32-42
APU Fire Detection System		26-15
Automatic Direction Finder Receiver	ADF	34-57
APU Control Unit	ECU	49-11
Brake Temperature Monitor Unit		32-46
Bus Power Control Unit	BPCU	24-20
Cabin Pressure Controller		21-30
Digital Flight Data Acquisition Unit	DFDAU	31-31
Distance Measuring Equipment Interrogator	DME	34-55
Duct Leak (Wing and Body)		26-18
E/E Cooling Control Card (If cards installed)		21-58
ECS Bleed Configuration Card		36-10
Electronic Engine Control (RR Engines)	EEC	73-21
Electronic Engine Control Monitor Unit (PW Engines)	EECM	71-EPCS Message Index
Electronic Flight Instrument System	EFIS	34-22
Electronic Propulsion Control System (PW Engines)	EPCS	71-EPCS Message Index
Engine Fire/Overheat Detection System		26-11
Engine Indication and Crew Alerting System Computer	EICAS	31-41

Bite Index  
Figure 1 (Sheet 1)



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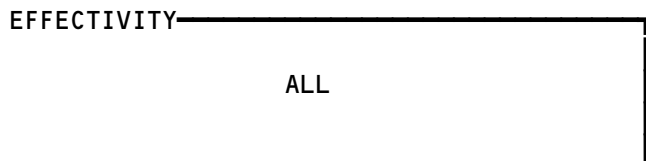
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<u>LRU/System Name</u>	<u>Acronym</u>	<u>FIM Reference</u>
Engine Turbine Cooling Overheat Detection System (RR Engines)		26-13
Enhanced Ground Proximity Warning Computer	EGPWC	34-46
Flap/Slat Accessory Module	FSAM	27-51
Flap/Slat Electronic Unit	FSEU	27-51
Flight Management Computer	FMC	34-61
Fuel Quantity Indicating System Processor	FQIS	28-41
Ground Proximity Warning Computer	GPWC	34-46
HF (High Frequency) Communication		23-11
Inertial Reference Unit	IRU	34-21
Instrument Comparator Unit	ICU	34-25
Instrument Landing System Receiver	ILS	34-31
Lower Cargo Compartment Smoke Detection System		26-16
Maintenance Control Display Panel	MCDP	22-00
PA (Passenger Address) Amplifier		23-31
Pack Standby Temperature Controller		21-51
Pack Temperature Controller		21-51
Passenger Entertainment System	PES	23-34
Power Supply Module (Control System Electronics Units)	PSM	27-09
Propulsion Discrete Interface Unit (PW Engines)	PDIU	73-21
Proximity Switch Electronics Unit	PSEU	32-09
Radio Altimeter Transmitter/Receiver	RA	34-33
Rudder Ratio Changer Module	RRCM	27-09
Spoiler Control Module	SCM	27-09
Stabilizer Position Module	SPM	27-48
Stabilizer Trim/Elevator Asymmetry Limit Module	SAM	27-09
Stall Warning Computer/Module (in Warning Electronic Unit)	SWC	27-32
Strut Overheat Detection System (RR Engines)		26-12

Bite Index  
Figure 1 (Sheet 2)



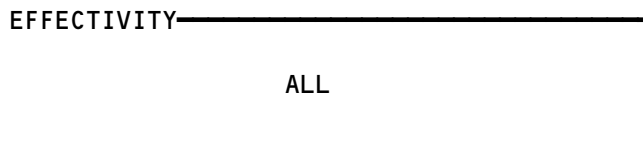
## 25-BITE INDEX




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<u>LRU/System Name</u>	<u>Acronym</u>	<u>FIM Reference</u>
Thrust Management Computer/Autothrottle	TMC	22-00
Traffic Alert and Collision Avoidance Computer	TCAS	34-45
VHF (Very High Frequency) Communication		23-12
VOR/Marker Beacon Receiver	VOR/MKR	34-51
Warning Electronic Unit BITE Module (Stall Warning)	WEU	27-32
Weather Radar Transceiver	WXR	34-43
Wheel Well Fire Detection		26-17
Window Heat Control Unit	WHCU	30-41
Yaw Damper Module	YDM	22-21
Yaw Damper/Stabilizer Trim Module	YSM	27-09
Zone Temperature Controller		21-60

Bite Index  
Figure 1 (Sheet 3)



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01

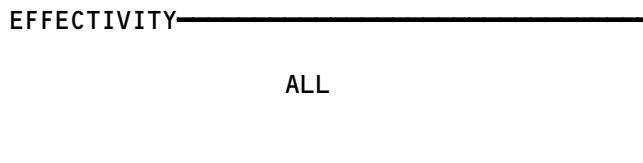
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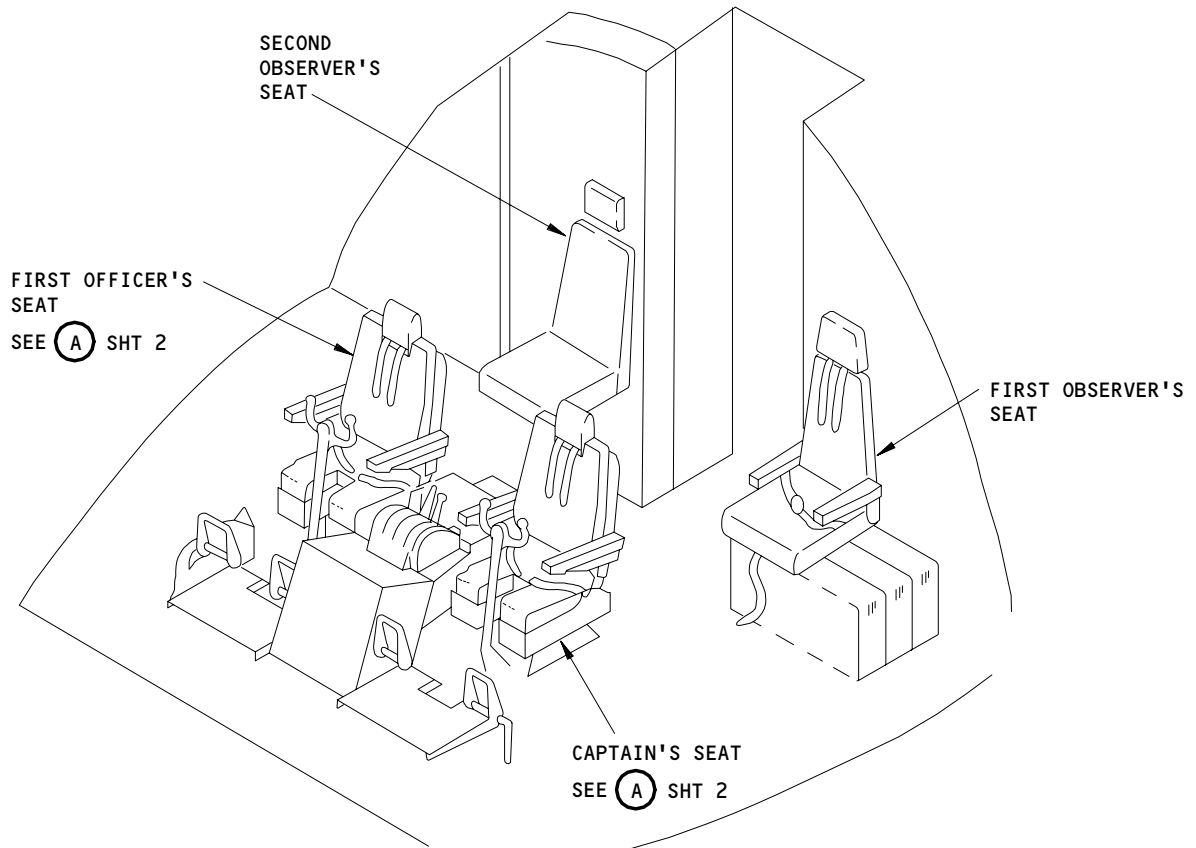
FLIGHT COMPARTMENT SEATS

COMPONENT	FIG. 102 SHT	QTY	ACCESS/AREA	AMM REFERENCE
KNOB - MANUAL ADJUSTMENT LUMBAR	2	4	CAPT, F/O SEATS	25-11-01
KNOB - MANUAL ADJUSTMENT THIGH	2	2	CAPT, F/O SEATS	25-11-01
LEVER - MANUAL ADJUSTMENT HORIZONTAL	2	2	CAPT, F/O SEATS	25-11-01
LEVER - MANUAL ADJUSTMENT RECLINE	2	2	CAPT, F/O SEATS	25-11-01
LEVER - MANUAL ADJUSTMENT SHOULDER HARNESS	2	2	CAPT, F/O SEATS	25-11-01
LEVER - MANUAL ADJUSTMENT VERTICAL	2	2	CAPT, F/O SEATS	25-11-01
REEL LOCK CONTROL	2	2	CAPT, F/O SEATS	25-11-01
SEAT - CAPTAIN	1	1	FLT COMPT	25-11-01
SEAT - FIRST OBSERVER	1	1	FLT COMPT	25-11-01
SEAT - FIRST OFFICER	1	1	FLT COMPT	25-11-01
SEAT - SECOND OBSERVER	1	1	FLT COMPT	25-11-01
THUMBSCREW - MANUAL ADJUSTMENT ARMREST	2	4	CAPT, F/O SEATS	25-11-01

Flight Compartment Seats - Component Index  
Figure 101



**25-11-00**

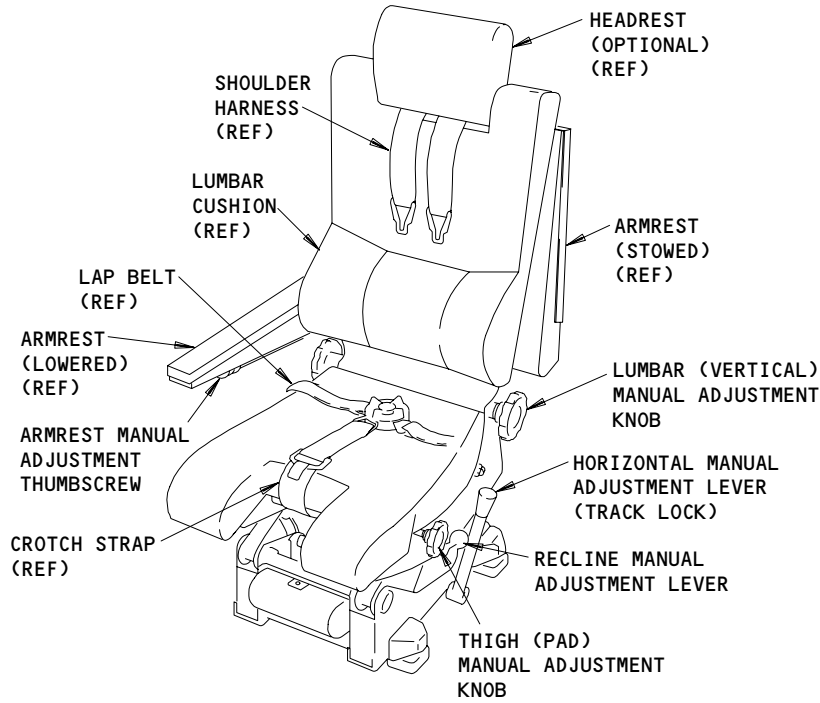


Flight Compartment Seats - Component Location  
Figure 102 (Sheet 1)

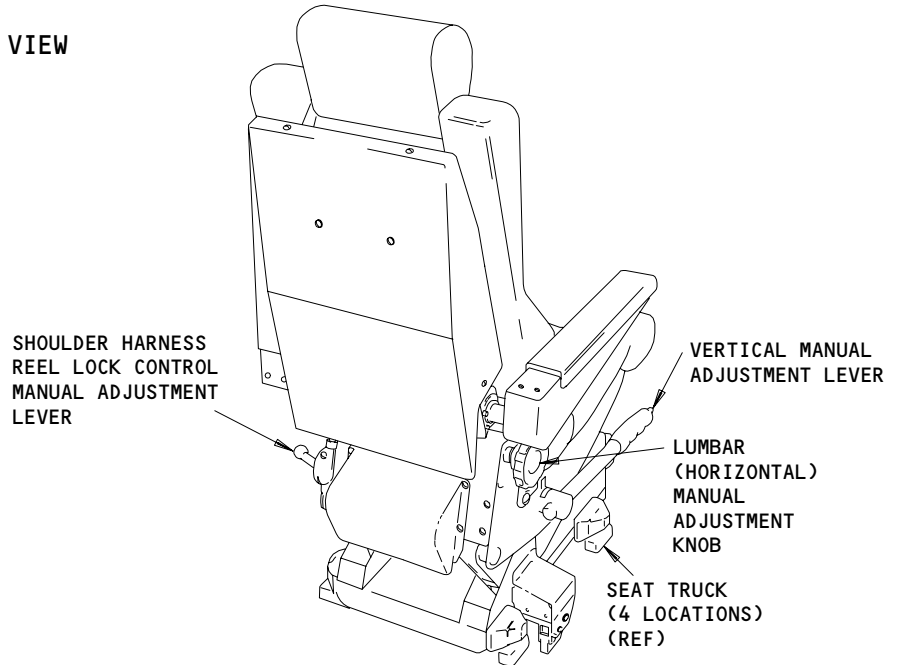
EFFECTIVITY	ALL
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**25-11-00**

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FRONT VIEW



REAR VIEW

CAPTAIN SEAT SHOWN  
FIRST OFFICER SEAT OPPOSITE

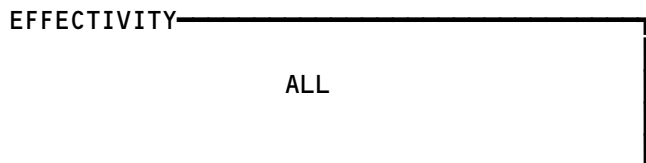
A

Flight Compartment Seats - Component Location  
Figure 102 (Sheet 2)

EFFECTIVITY	
	ALL

25-11-00

Not Used  
Figure 103



25-11-00

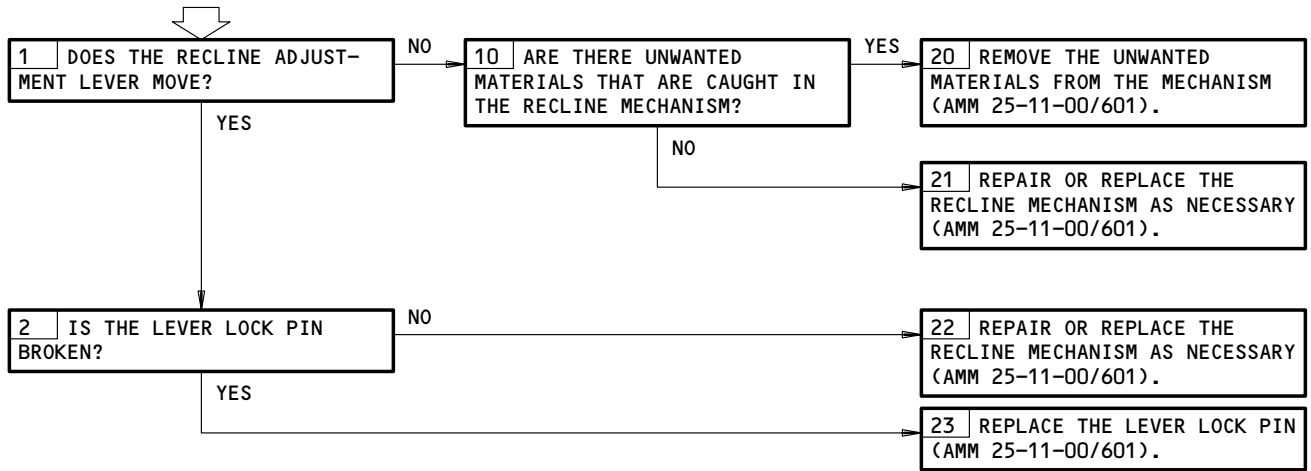
01

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E46261

**RECLINE ADJUSTMENT  
FAULTY**

**PREREQUISITES**  
NONE



Recline Adjustmt Faulty  
Figure 104

<b>EFFECTIVITY</b>	ALL
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**25-11-00**

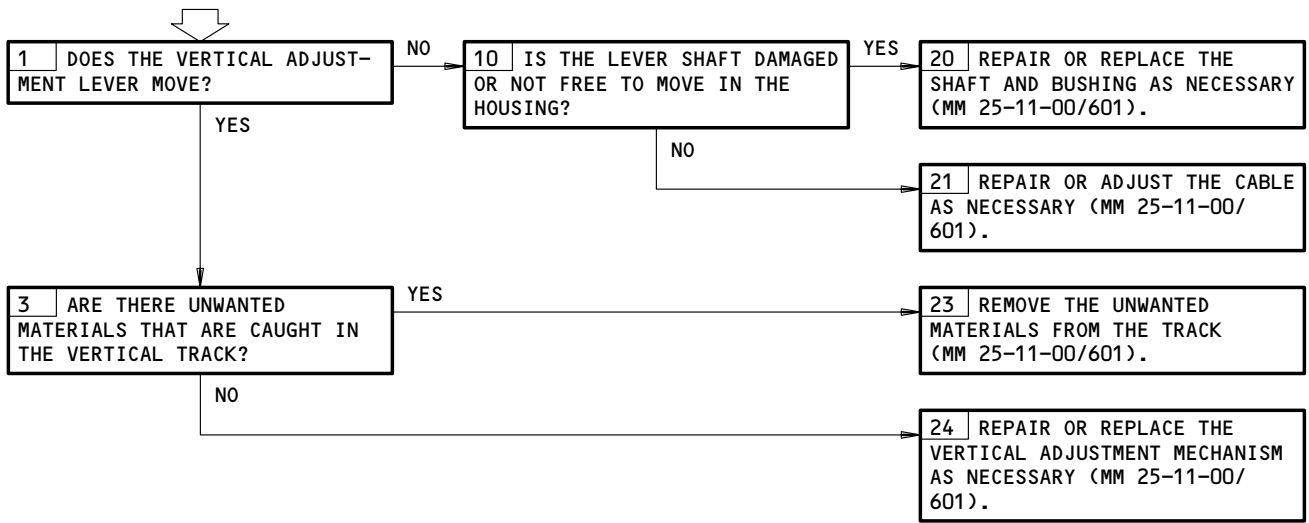
01

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275857

**VERTICAL ADJUST-  
MENT FAULTY**

**PREREQUISITES**  
NONE



Vertical Adjustment Faulty  
Figure 105

EFFECTIVITY

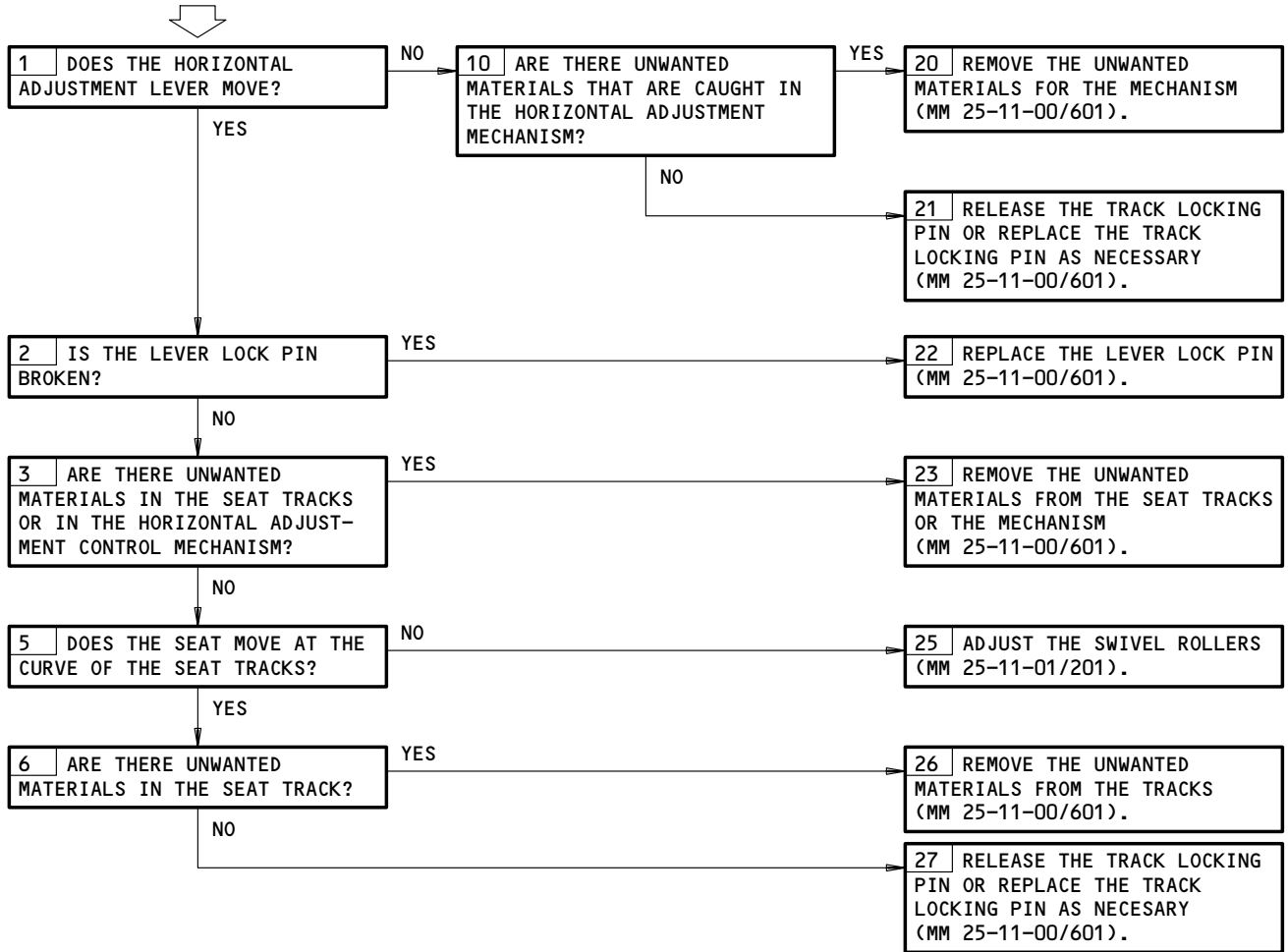
ALL
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25-11-00

**MANUAL HORIZONTAL  
ADJUSTMENT FAULTY**

**PREREQUISITES**

NONE



Manual Horizontal Adjustment Faulty  
Figure 106

EFFECTIVITY

ALL

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**LUMBAR ADJUSTMENT  
FAULTY**

**PREREQUISITES**  
NONE

1 ARE THERE UNWANTED MATERIALS THAT ARE CAUGHT IN THE LUMBER ADJUSTMENT MECHANISM?

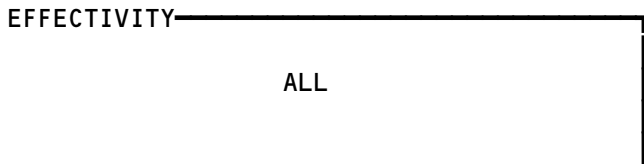
YES

20 REMOVE THE UNWANTED MATERIALS FROM THE MECHANISM (AMM 25-11-00/601).

NO

21 REPAIR OR REPLACE THE LUMBER ADJUSTMENT MECHANISM AS NECESSARY (AMM 25-11-00/601).

Lumbar Adjustment Faulty  
Figure 107



**25-11-00**

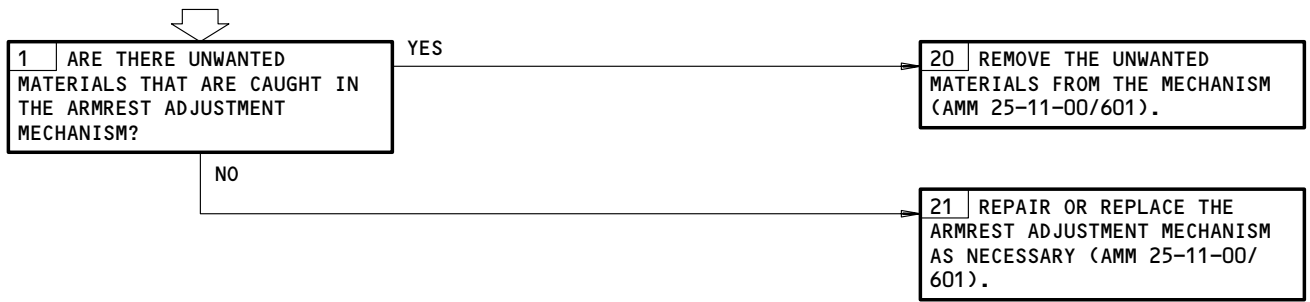
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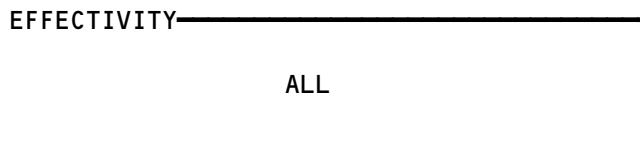
E46262

**ARMREST ADJUSTMENT  
FAULTY**

<b>PREREQUISITES</b>
NONE



Armrest Adjustment Faulty  
Figure 108



**25-11-00**

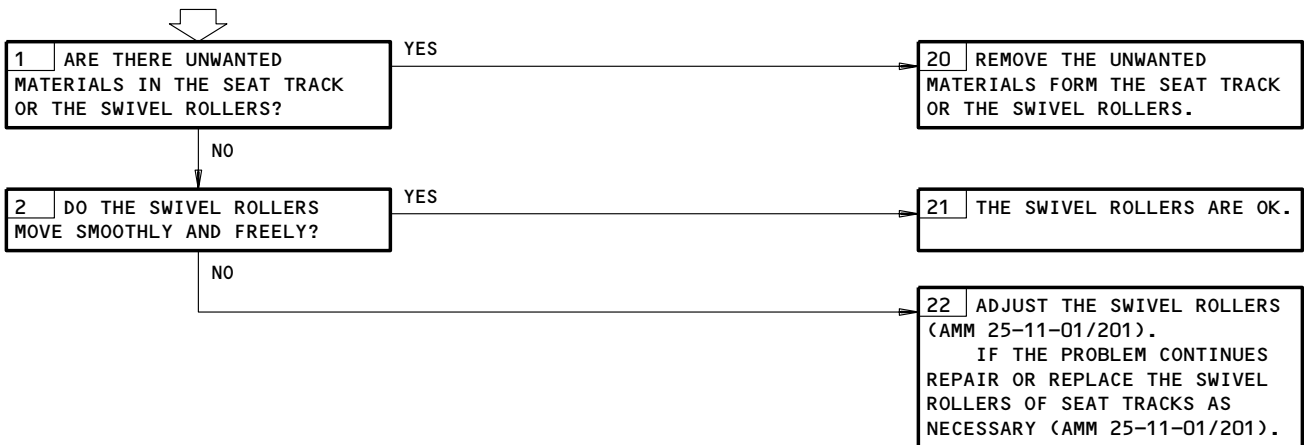
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**SEAT TRACK IS BINDING**

**PREREQUISITES**  
NONE



Seat Track is Binding  
Figure 109

EFFECTIVITY ————  
ALL

**25-11-00**

71560

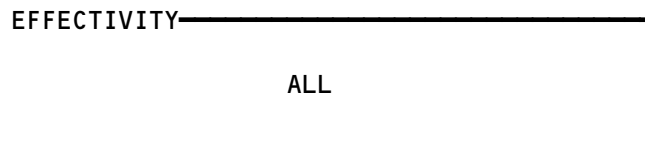

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GALLEYS

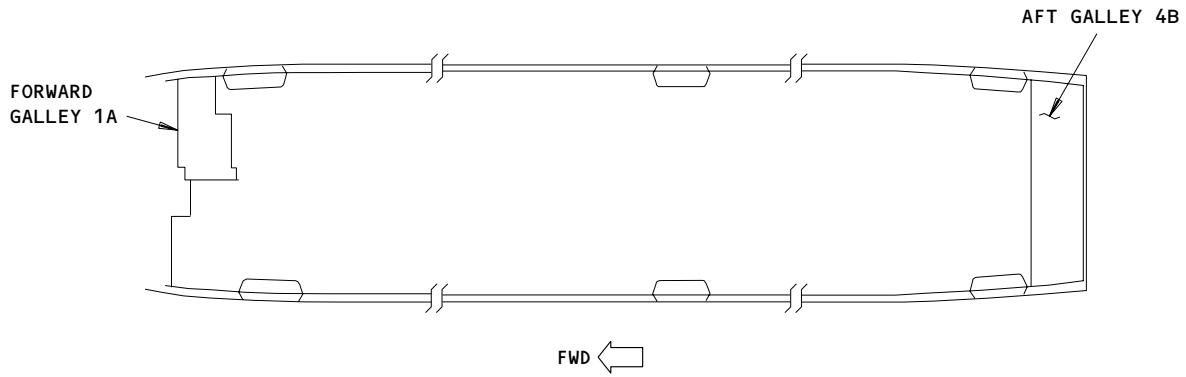
COMPONENT	FIG. 102 SHT	QTY	ACCESS/AREA	AMM REFERENCE
CIRCUIT BREAKER - GALLEY 1A, C740	2	1	FLT COMPT, P11	*
GALLEY 4B, C743		1	11S34	*
CIRCUIT BREAKER - GALLEY 1A, C3023	1	1	11S2	*
GALLEY - AFT 4B	1	1	119BL, MAIN EQUIP CTR, P32	*
GALLEY - FORWARD 1A	1	1	32A5	25-31-04
UNIT - (FIM 31-01-32/101)	1	1	AFT PASS. CABIN	25-31-01
ELECTRIC LOAD CONTROL M227 (GALLEY 4B)			FWD PASS. CABIN	
ELECTRIC LOAD CONTROL M546 (GALLEY 1A)				

\* SEE THE WDM EQUIPMENT LIST

Galleys - Component Index  
Figure 101



**25-31-00**

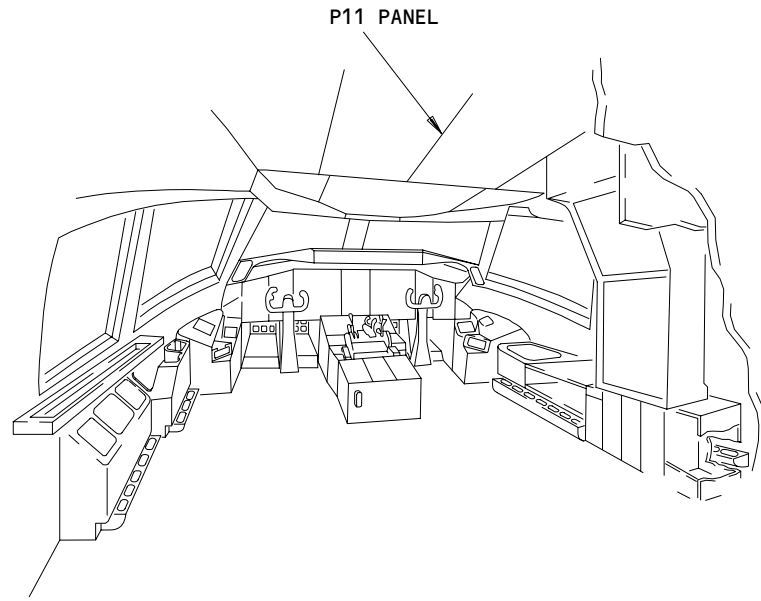


Galleys - Component Location  
 Figure 102 (Sheet 1)

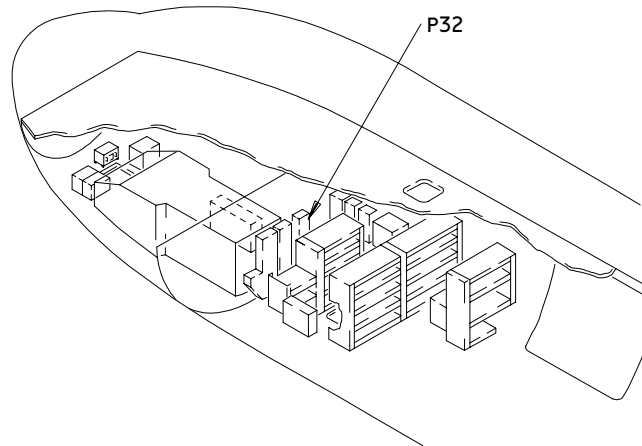
EFFECTIVITY	ALL
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25-31-00

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FLT COMPT



Component Location  
 Figure 102 (Sheet 2)

EFFECTIVITY	
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25-31-00

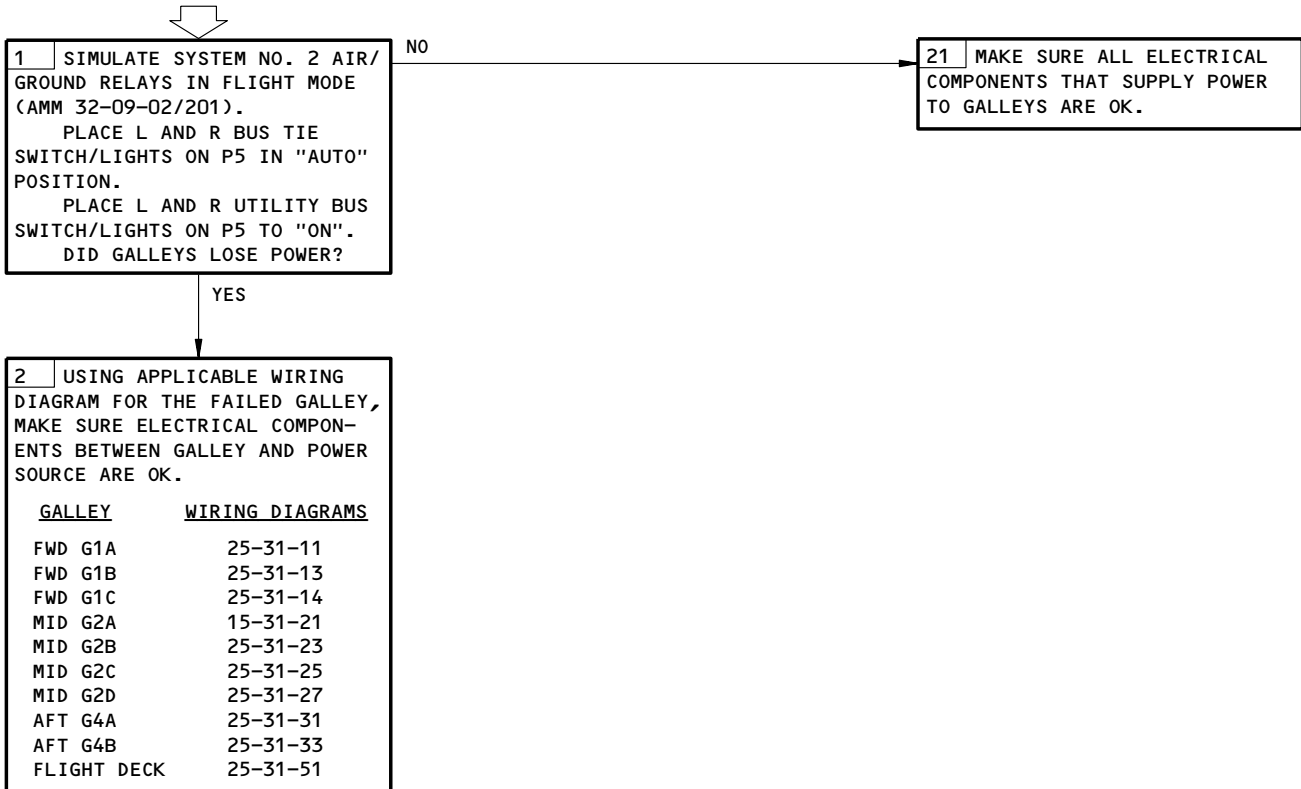
**PREREQUISITES**

MAKE SURE THE AIRPLANE IS IN THIS CONFIGURATION:  
ELECTRICAL POWER IS ON (AMM 24-22-00/201)

**NOTE:** THE GALLEY POWER CAN BE STOPPED IF APU OR EXT PWR SUPPLIES THE ELECTRICAL POWER. THIS CAN OCCUR WHEN THE L OR C ELEC HYD PUMP IS ON AND THE LOAD EXCEEDS 90 KVA FOR LONGER THAN 3 SECONDS. THE GALLEY POWER WILL AUTOMATICALLY RESET AFTER ENGINE START. TO PUT BACK GALLEY POWER PRIOR TO ENGINE START, TURN OFF L AND C ELEC HYD PUMPS AND CYCLE THE CIURCUT BREAKER 11R2 ENGINE START LD SHD RELAY.

IF GALLEY POWER CIRCUIT BREAKER WILL NOT RESET, CHECK TO SEE IF THE ELECTRICAL LOAD CONTROL UNITS ARE FAULTY. THE GALLEY POWER ELCU M226 IS IN THE P32 AND M227 IS IN THE P31.

**NO GALLEY POWER**



No Power at Galleys  
Figure 103

EFFECTIVITY

ALL

**25-31-00**

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**BOEING**  
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 FAULT ISOLATION/MAINT MANUAL

CARGO LOADER SYSTEM

COMPONENT	FIG 102 SHT	QTY	ACCESS/AREA	REFERENCE
CIRCUIT BREAKERS	3		MAIN EQUIP CTR, P34	
AFT CARGO LOADER CONTROL, C4180		1	34A7	*
AFT CARGO LOADER DRIVE, C3018		1	34B16	*
MODULES - TELESCOPING BAGGAGE	1	2	822, AFT CARGO COMPARTMENT	25-51-25
MOTOR - POWER DRIVE, M10287	2	1	BEHIND THE ACCESS DOOR IN THE FORWARD TELESCOPING MODULE	25-51-21
RELAY - (REF 31-01-86, FIG. 101)				
AFT CARGO EXTEND ENABLE, K10517				
AFT CARGO EXTEND INTERRUPT, K10218				
AFT CARGO LOADER MOTOR, K10187				
AFT CARGO RETRACT INTERRUPT, K10216				
ROLLERS	2	38	BELOW THE TELESCOPING MODULES	25-51-23
SCREW - DRIVE	2	1	BELOW THE TELESCOPING MODULES	25-51-22
SWITCH - AFT CARGO LOADER EXT LIMIT, S10212	1	1	AFT CARGO COMPARTMENT CEILING, NEAR THE DOORWAY	25-51-26
SWITCH - AFT CARGO LOADER RETR LIMIT, S10210	1	1	AFT CARGO COMPARTMENT RIGHT SIDEWALL, FORWARD END	25-51-27
SWITCH - CARGO LOADER CONTROL, S10207	1	1	AFT CARGO COMPARTMENT RIGHT SIDEWALL, AFT END	25-51-27
TRACKS - ROLLER	2		BELOW THE TELESCOPING MODULES	25-51-24

\* SEE THE WDM EQUIPMENT LIST

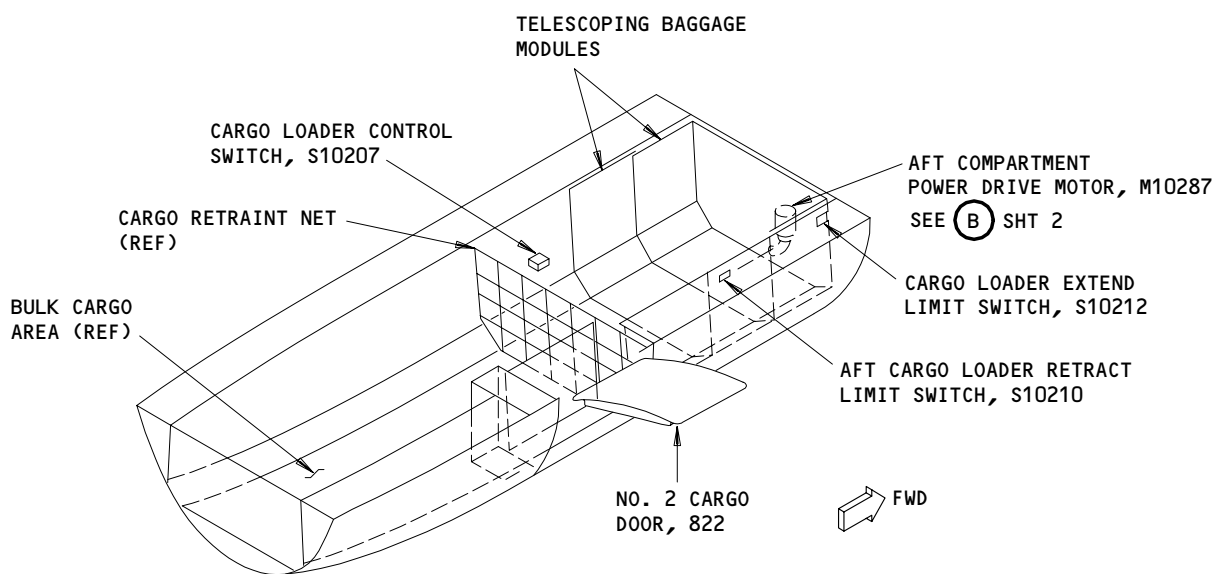
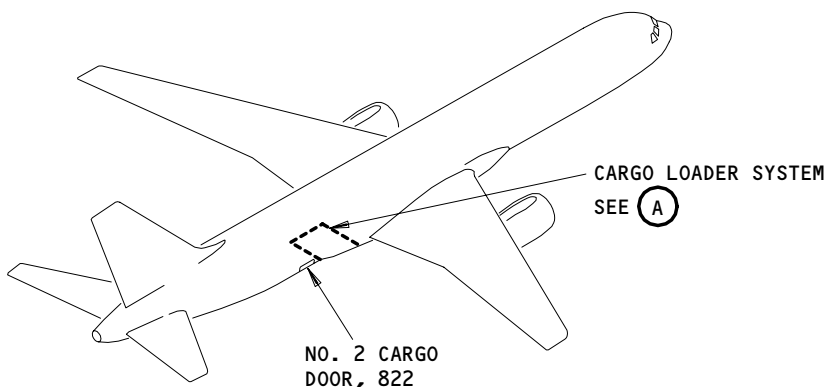
Cargo Loader System - Component Index  
Figure 101

EFFECTIVITY  
AIRPLANES WITH THE CARGO LOADER SYSTEM

**25-51-00**



**BOEING**  
757  
FAULT ISOLATION/MAINT MANUAL



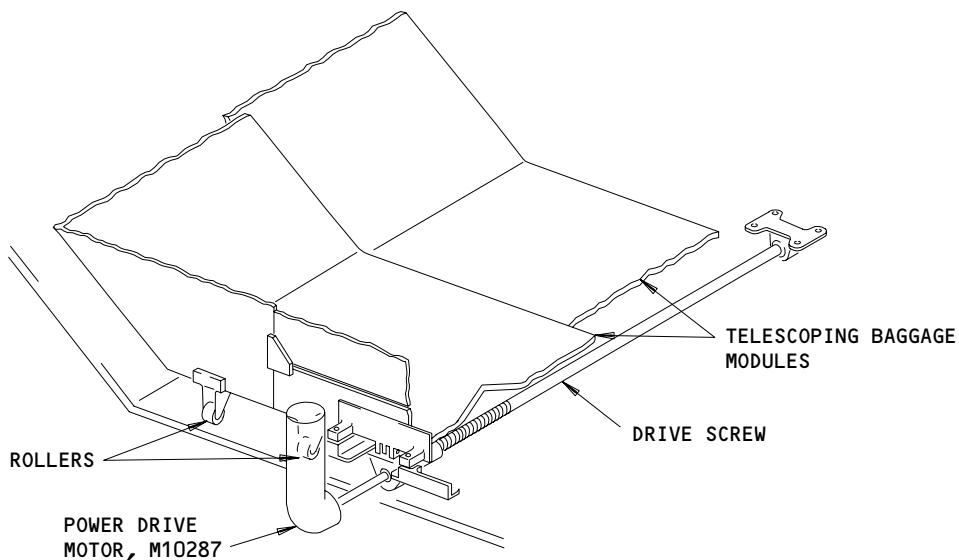
AFT CARGO LOADER SYSTEM

(A)

Cargo Loader System - Component Location  
Figure 102 (Sheet 1)

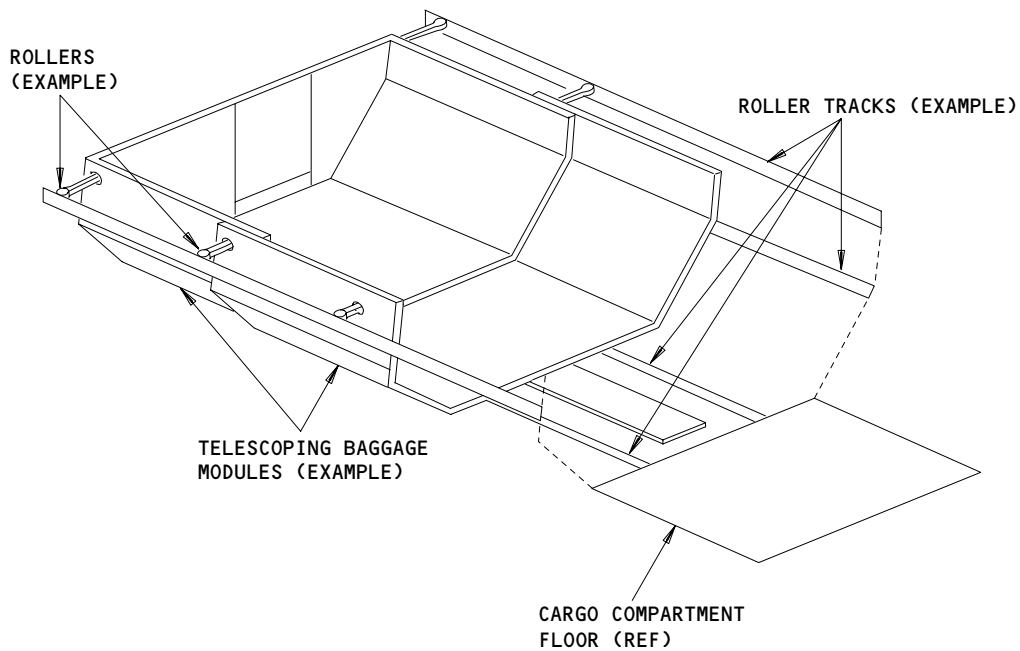
EFFECTIVITY  
AIRPLANES WITH THE CARGO LOADER SYSTEM

25-51-00



CARGO LOADER (EXAMPLE)

(B) FROM SHT 1



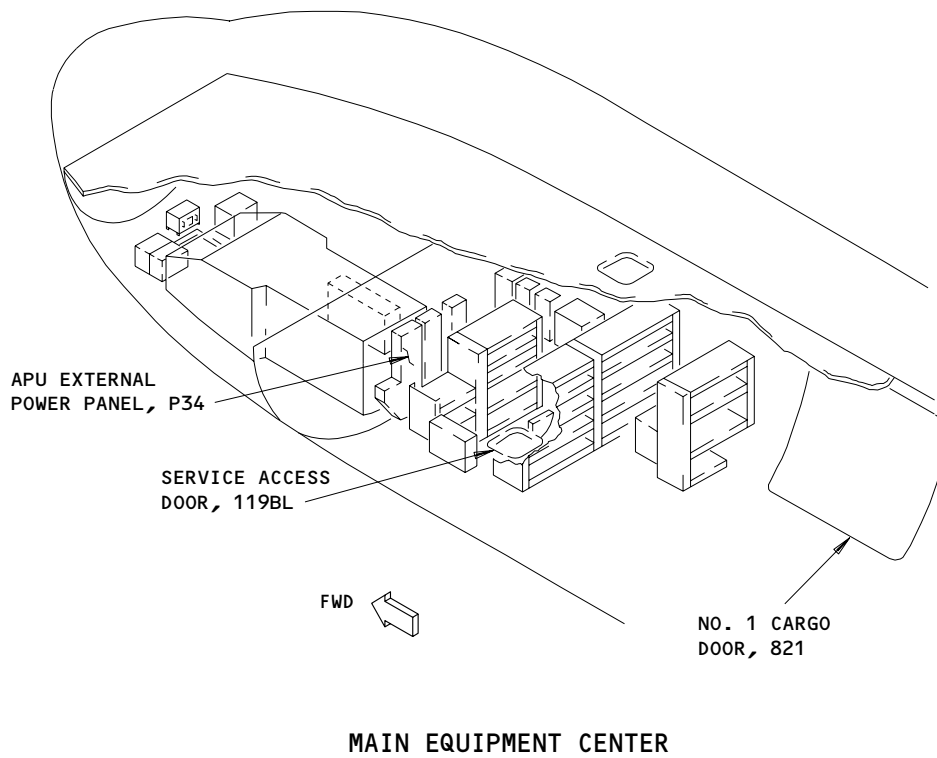
Cargo Loader System - Component Location  
Figure 102 (Sheet 2)

EFFECTIVITY  
AIRPLANES WITH THE CARGO LOADER SYSTEM

25-51-00

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Cargo Loader System - Component Location  
 Figure 102 (Sheet 3)

EFFECTIVITY  
 AIRPLANES WITH THE CARGO LOADER SYSTEM

**25-51-00**

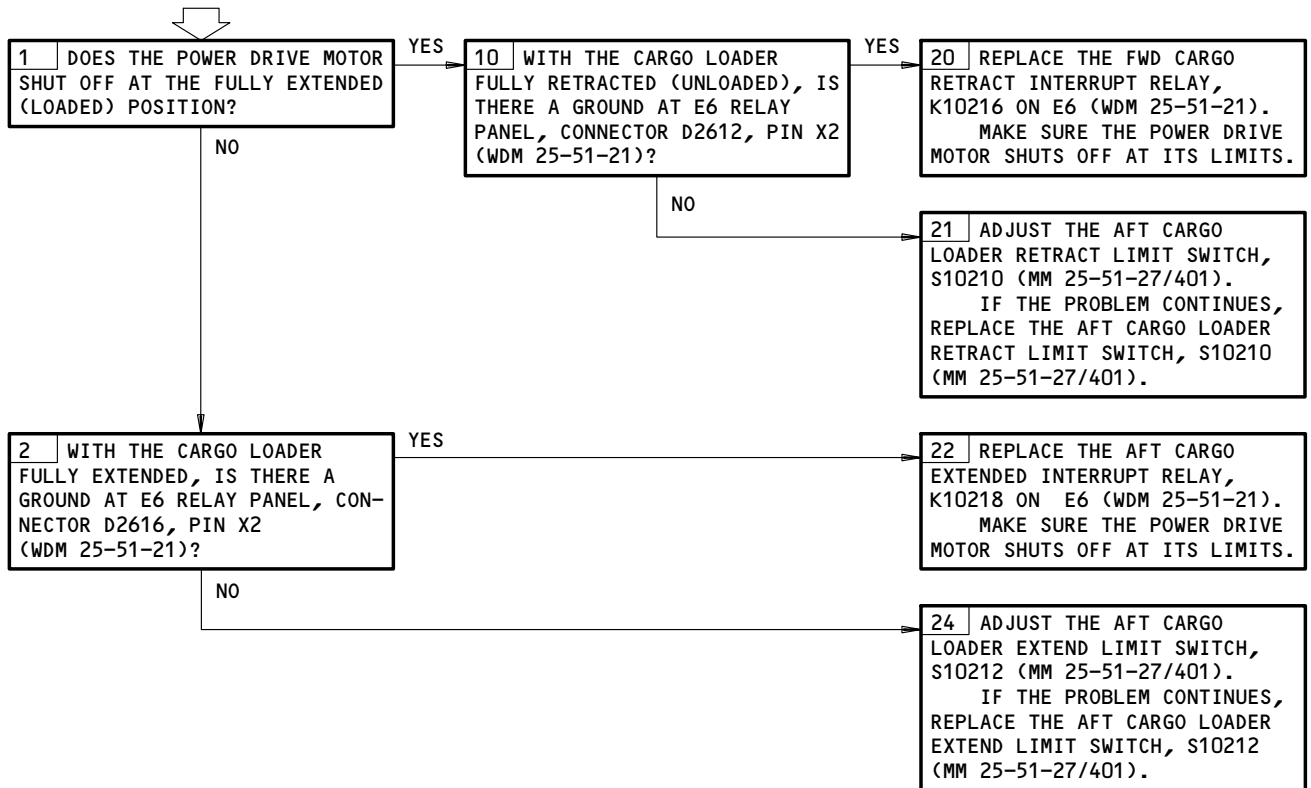
**AFT CARGO LOADER  
POWER DRIVE MOTOR  
DOES NOT SHUT OFF  
AT LIMITS OF TRAVEL**

**PREREQUISITES**

MAKE SURE THESE CIRCUIT BREAKERS ARE CLOSED:  
34A7,34B16

MAKE SURE THE AIRPLANE IS IN THE CONFIGURATION THAT  
FOLLOWS:

ELECTRICAL POWER IS ON (MM 24-22-00/201)  
AFT CARGO DOOR IS OPEN (MM 52-34-00/201)



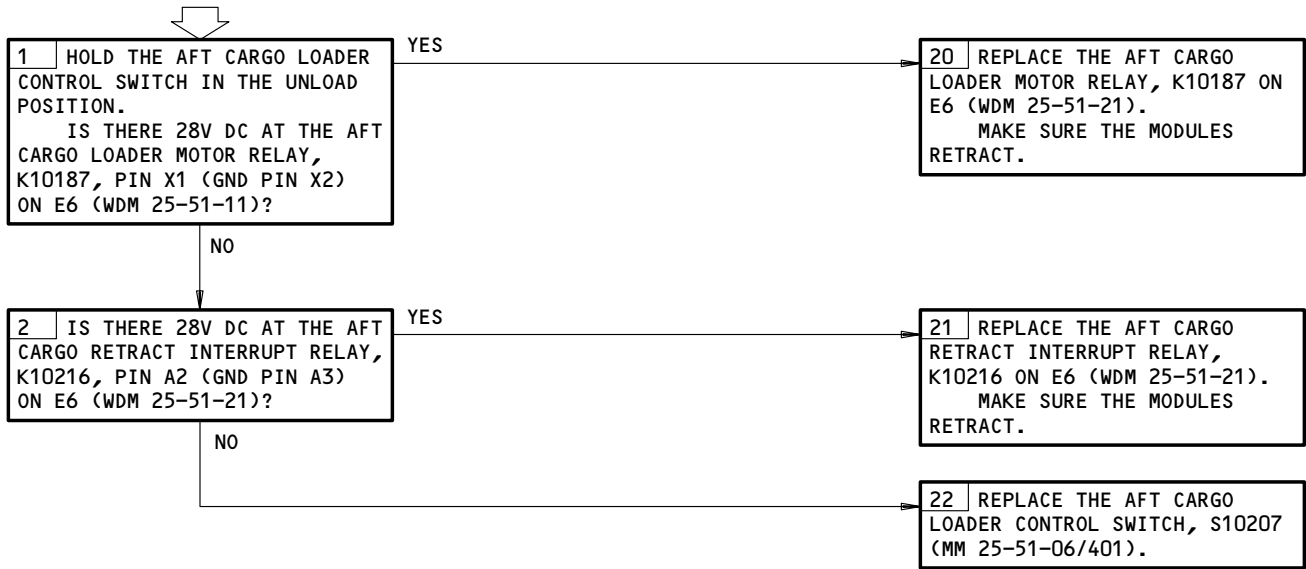
Aft Cargo Loader Power Drive Motor Does Not Shut Off At Limits Of Travel  
Figure 103

EFFECTIVITY  
AIRPLANES WITH THE CARGO LOADER SYSTEM

**25-51-00**

**AFT CARGO LOADER  
TELESCOPING MODULES  
EXTEND BUT DO NOT  
RETRACT TO FULLY  
UNLOADED POSITION**

**PREREQUISITES**  
ELECTRICAL POWER (MM 24-22-00/201)  
NO. 2 (AFT) CARGO DOOR OPEN (MM 52-34-00/201)  
CB'S: 34A7,35B16



Aft Cargo Loader Telescoping Modules Extend But Do Not Retract  
To Fully Unloaded Position  
Figure 104

EFFECTIVITY  
AIRPLANES WITH THE CARGO LOADER SYSTEM

**25-51-00**

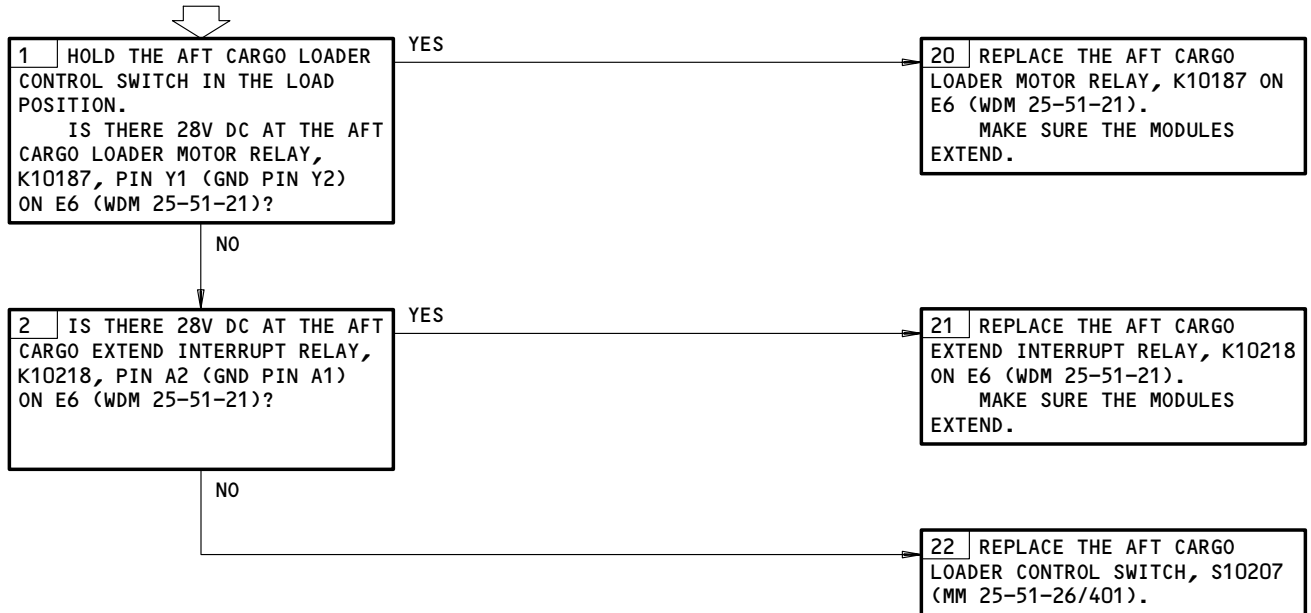
**AFT CARGO LOADER  
TELESCOPING MODULES  
RETRACT BUT DO NOT  
EXTEND TO FULLY  
LOADED POSITION**

**PREREQUISITES**

MAKE SURE THESE CIRCUIT BREAKERS ARE CLOSED:  
34A7,34B16

MAKE SURE THE AIRPLANE IS IN THE CONFIGURATION  
THAT FOLLOWS:

ELECTRICAL POWER IS ON (MM 24-22-00/201)  
AFT CARGO DOOR IS OPEN (MM 52-34-00/201)



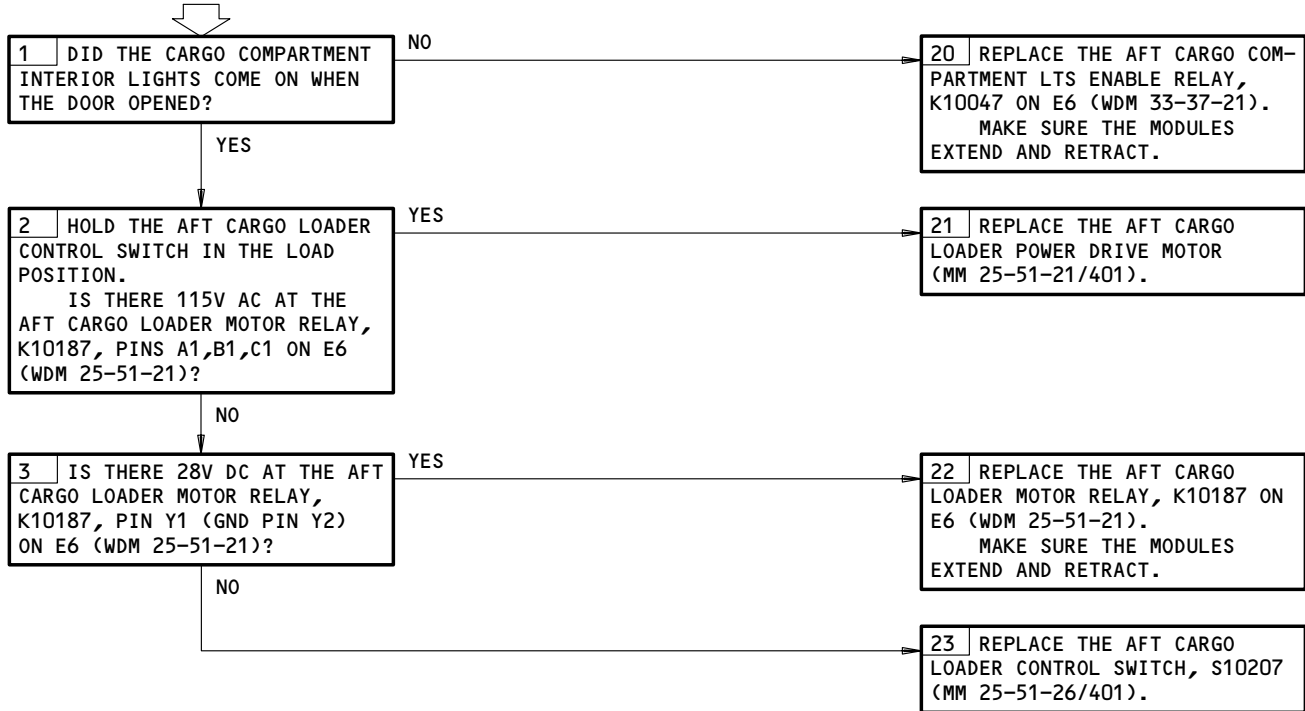
Aft Cargo Loader Telescoping Modules Retract But Do Not Extend  
To Fully Loaded Position  
Figure 105

EFFECTIVITY  
AIRPLANES WITH THE CARGO LOADER SYSTEM

**25-51-00**

**AFT CARGO LOADER  
TELESCOPING MODULES  
DO NOT EXTEND OR  
RETRACT**

**PREREQUISITES**  
ELECTRICAL POWER (MM 24-22-00/201)  
NO. 2 (AFT) CARGO DOOR OPEN (MM 52-34-00/201)  
CB'S: 34A7,34B16



Aft Cargo Loader Telescoping Modules Do Not Extend Or Retract  
Figure 106

EFFECTIVITY  
AIRPLANES WITH THE CARGO LOADER SYSTEM

**25-51-00**

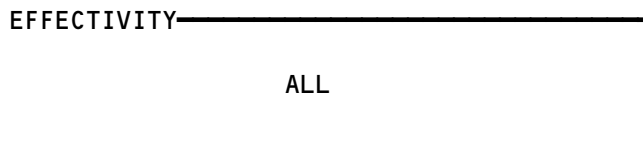

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PASSENGER DOOR AND EMERGENCY EXIT DOOR ESCAPE SYSTEMS

COMPONENT	FIG. 102 SHT	QTY	ACCESS/AREA	REFERENCE
BAR - GIRT	2	8	ALL PASSENGER DOORS AND EMERGENCY EXIT DOORS	25-66-10
CIRCUIT BREAKER	2		P11, FLIGHT COMPARTMENT	
DOOR GIRT BAR INDICATION, C4183		1	11R34	*
CYLINDER - INFLATION	2	8	PART OF ALL ESCAPE SYSTEM PACKS	25-66-00
SENSORS - GIRT BAR PROXIMITY	2			25-66-11
AFT ENTRY DOOR SENSOR-1, S10222		1	LEFT NO. 4 PASSENGER DOOR	*
AFT ENTRY DOOR SENSOR-2, S10223		1	LEFT NO. 4 PASSENGER DOOR	*
AFT SERVICE DOOR SENSOR-1, S10224		1	RIGHT NO. 4 PASSENGER DOOR	*
AFT SERVICE DOOR SENSOR-2, S10225		1	RIGHT NO. 4 PASSENGER DOOR	*
CTR ENTRY DOOR SENSOR-1, S10218		1	LEFT NO. 2 PASSENGER DOOR	*
CTR ENTRY DOOR SENSOR-2, S10219		1	LEFT NO. 2 PASSENGER DOOR	*
CTR SERVICE DOOR SENSOR-1, S10220		1	RIGHT NO. 2 PASSENGER DOOR	*
CTR SERVICE DOOR SENSOR-2, S10221		1	RIGHT NO. 2 PASSENGER DOOR	*
FWD ENTRY DOOR SENSOR-1, S10214		1	LEFT NO. 1 PASSENGER DOOR	*
FWD ENTRY DOOR SENSOR-2, S10215		1	LEFT NO. 1 PASSENGER DOOR	*
FWD SERVICE DOOR SENSOR-1, S10216		1	RIGHT NO. 1 PASSENGER DOOR	*
FWD SERVICE DOOR SENSOR-2, S10217		1	RIGHT NO. 1 PASSENGER DOOR	*
SLIDE OR SLIDE-RAFT - NO. 1, 2, 4 PASSENGER DOOR ESCAPE	1	6	ALL PASSENGER DOORS	25-66-01
SLIDE - NO. 3 EMERGENCY EXIT DOOR ESCAPE	3	2	ALL EMERGENCY EXIT DOORS	25-66-03

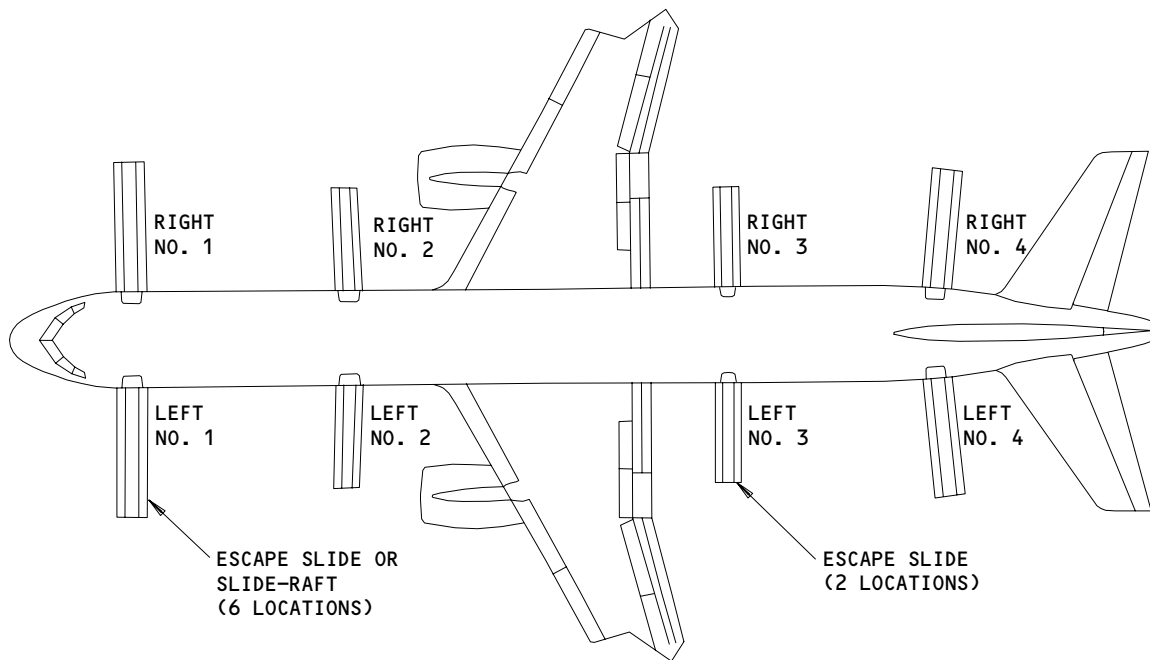
\* SEE THE WDM EQUIPMENT LIST

Passenger Door and Emergency Exit Door Escape Systems - Component Index  
Figure 101

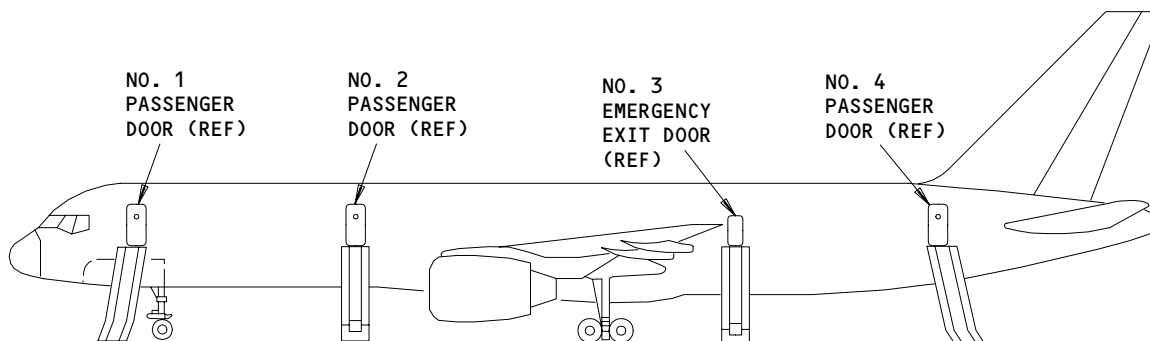


**25-66-00**





TOP VIEW

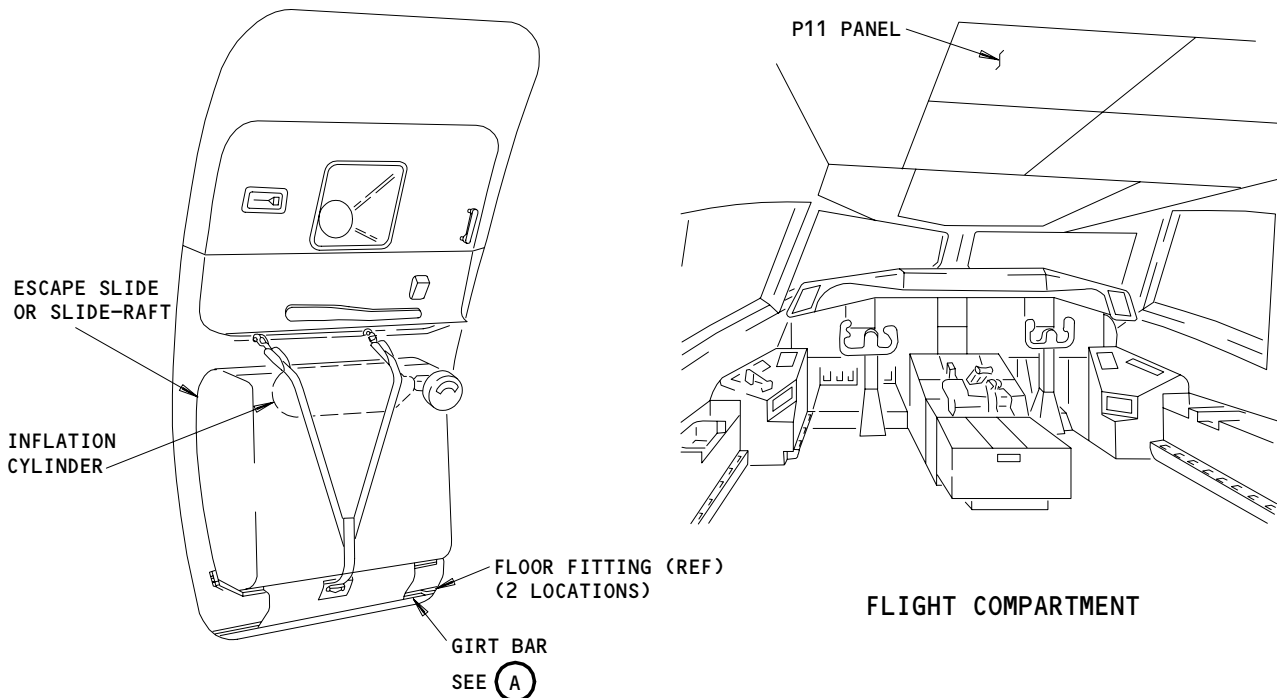


SIDE VIEW

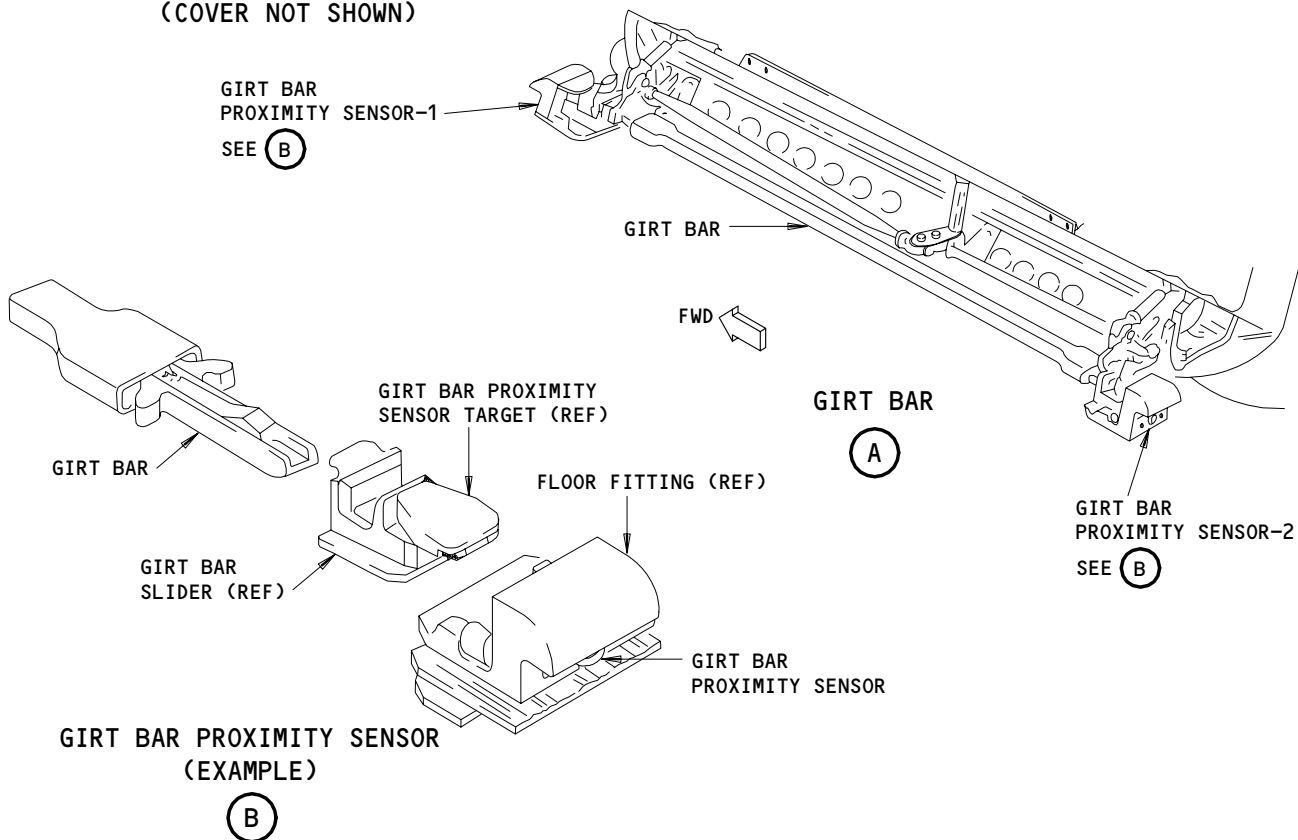
Passenger Door and Emergency Exit Door Escape Systems - Component Location  
Figure 102 (Sheet 1)

EFFECTIVITY	ALL

**25-66-00**



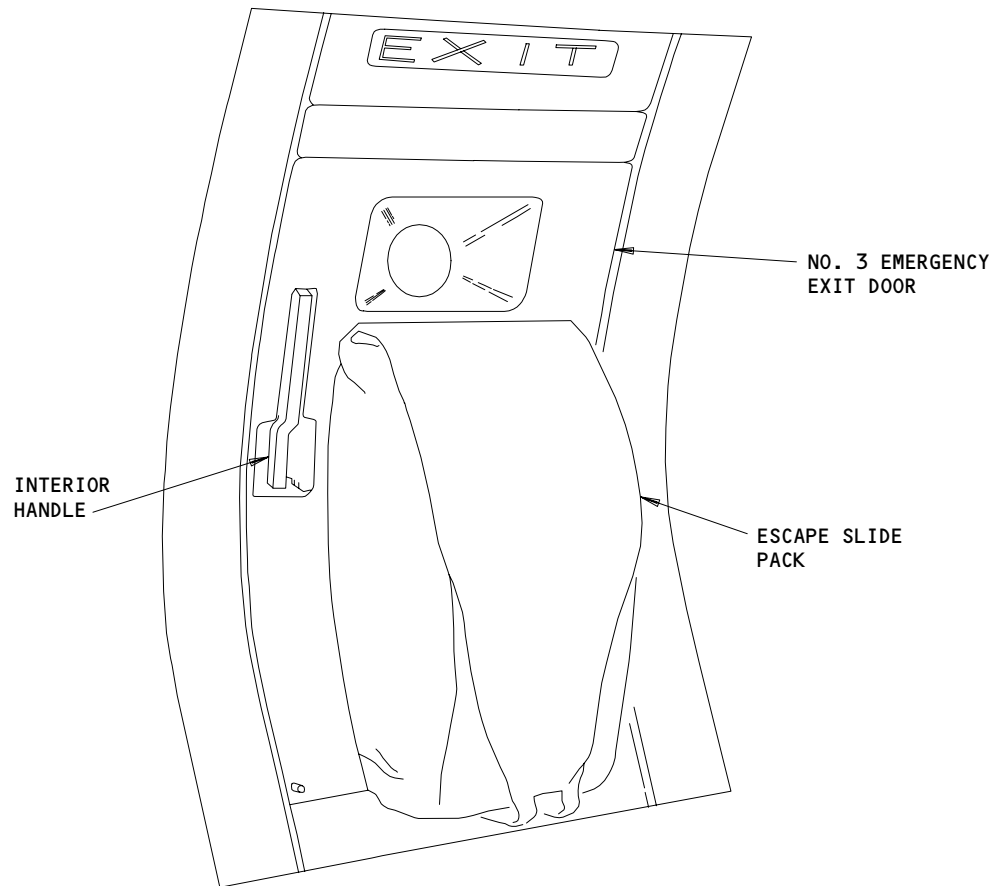
NO. 1, 2, OR 4 PASSENGER DOOR  
(COVER NOT SHOWN)



Passenger Door and Emergency Exit Door Escape Systems - Component Location  
Figure 102 (Sheet 2)

EFFECTIVITY	
	ALL

**25-66-00**



NO. 3 EMERGENCY EXIT DOOR  
 (COVER NOT SHOWN)

Passenger Door and Emergency Exit Door Escape Systems - Component Location  
 Figure 102 (Sheet 3)

EFFECTIVITY	
	ALL

25-66-00

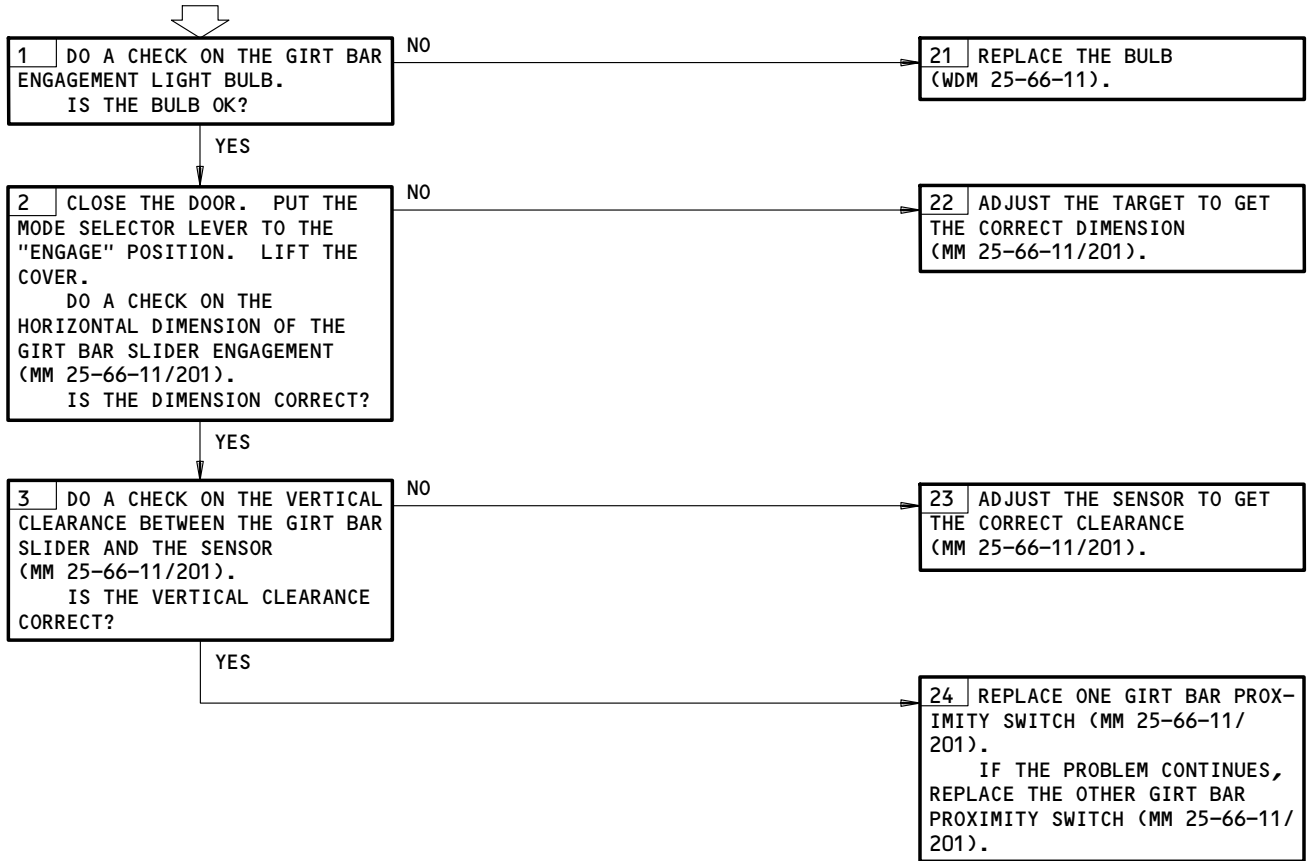
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**GIRT BAR ENGAGEMENT  
LGT EXTIN WITH EVAC-  
UATION SLIDE OR  
SLIDE-RAFT ARM/DISARM  
CONTROL IN ENGAGE POS**

**PREREQUISITES**  
NONE



Girt Bar Engagement Lgt Extin With Evacuation Slide or Slide-Raft Arm/Disarm  
Control in Engage Pos  
Figure 103

EFFECTIVITY

ALL
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25-66-00