

GPA Group plc

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CHAPTER 25 - EQUIPMENT/FURNISHINGS

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These are the possible types of faults: YOU FIND A FAULT WITH 1. EICAS Message AN AIRPLANE SYSTEM 2. Observed Fault Use the EICAS message, fault code, or fault description to find the corrective action or fault isolation procedure in the FIM. DO THE CORRECTIVE For details, see Figure 3 -ACTION OR GO TO THE FAULT ISOLATION PROCEDURE IN THE FIM If you do not have a fault code or an EICAS message and if the system has BITE, then you can use the system BITE to get more information: Use the BITE Index to find if the system has BITE and to find the BITE procedures in the FIM. For details, see Figure 2 -The fault isolation procedure FOLLOW THE STEPS IN explains how to find and repair the THE FAULT ISOLATION the cause of the fault. **PROCEDURE** For details, see Figure 4 —

> Basic Fault Isolation Process Figure 1

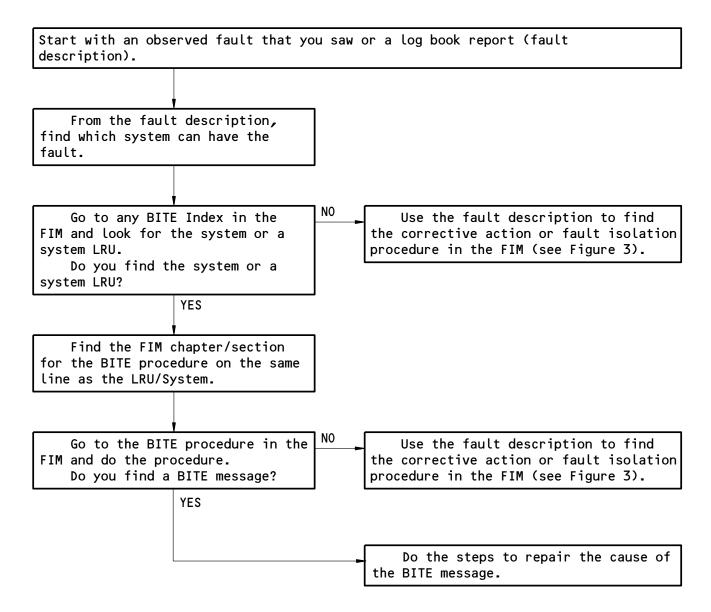
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25-HOW TO USE THE FIM

01

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How to Get Fault Information from BITE Figure 2

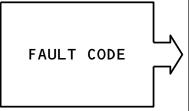
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25-HOW TO USE THE FIM

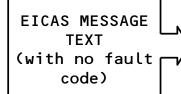
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Page 2 Sep 20/98 IF YOU HAVE:

THEN DO THIS TO FIND THE CORRECTIVE ACTION OR FAULT ISOLATION PROCEDURE IN THE FIM:



- The first two digits of the fault code are the FIM chapter that you need. Go to the Fault Code Index in that chapter and find the fault code.
- 2. Find the Fault Isolation Reference for the fault code and do the corrective action. If there is a FIM reference, then go to that fault isolation procedure in the FIM and do the steps in the procedure (see Figure 4).



1. If you know the chapter of the EICAS message, then go to the EICAS Messages section in that chapter and find the EICAS message.

If you do not know the chapter of the EICAS message, then do these steps:

A. Go to FIM EICAS MESSAGE LIST and find the EICAS message in the table.

 $\underline{\text{NOTE}}$: The list follows the INTRODUCTION to the FIM.

- B. Find the chapter number on the same line as the EICAS message. Go to the EICAS Messages section in that chapter and find the EICAS message.
- 2. Do the corrective action in the "Procedure" column for the EICAS message. If there is a FIM reference, then go to that fault isolation procedure in the FIM and do the steps in the procedure (see Figure 4).



- Go to the Fault Code Diagram for the problem in the applicable chapter.
- 2. Do the fault analysis on the diagram and find the fault code.
- 3. The first two digits of the fault code are the FIM chapter that you need. Go to the Fault Code Index in that chapter and find the fault code.
- 4. Find the Fault Isolation Reference for the fault code and do the corrective action. If there is a FIM reference, then go to that fault isolation procedure in the FIM and do the steps in the procedure (see Figure 4).

How to Find the Corrective Action or Fault Isolation
Procedure in the FIM
Figure 3

EFFECTIVITY-

25-HOW TO USE THE FIM

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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

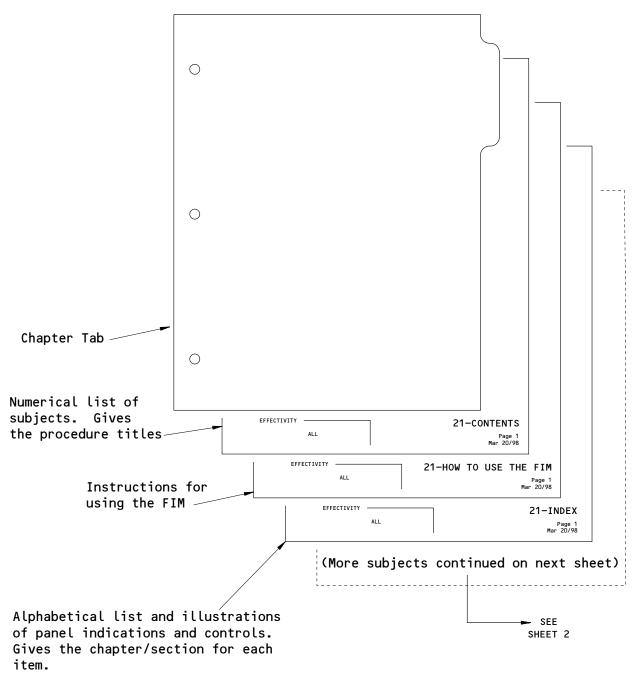
- Start the fault isolation procedure at block 1 unless specified differently.
- Do the check to get an answer to the question in the box. Follow the arrow that applies to your answer. This will go to the next check.
- When you get to a box in the column at the right of the page, you have isolated that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

EFFECTIVITY-

25-HOW TO USE THE FIM



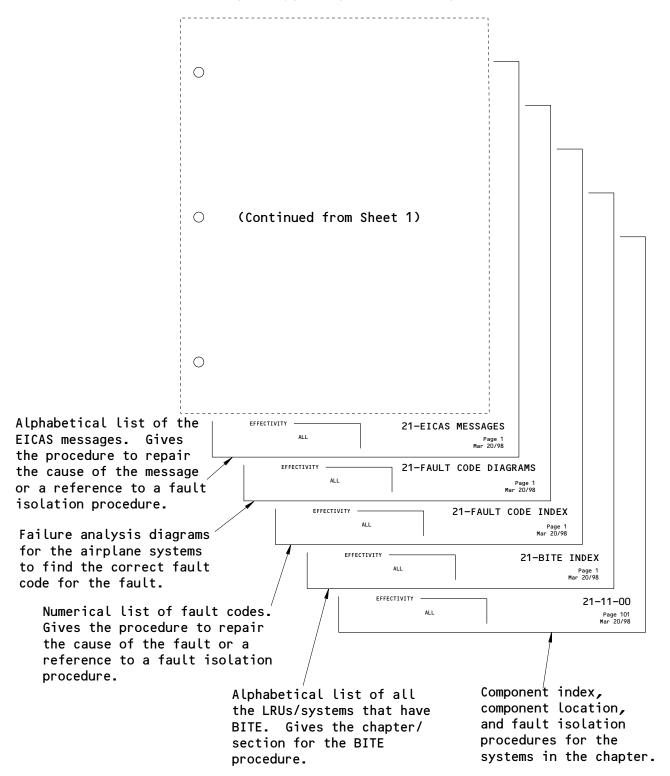


Subjects in Each FIM Chapter Figure 5 (Sheet 1)

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Subjects in Each FIM Chapter Figure 5 (Sheet 2)

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CARPETS		
CLOSETS		
CURTAINS		
DIVIDERS (CABIN)		
DOORS		
FLIGHT DECK	CHAPTE	R 52
LAVATORY		
WORK STATION		2541
EMERGENCY EQUIPMENT/FLIGHT DECK		
EVACUATION SLIDE		
ARMING LEVER		
GIRT BAR ENGAGEMENT LIGHT		
SLIDE BOTTLE PRESS		
GALLEYS		
CARTS		
COFFEE MAKER		
OVENS		
STOWAGE COMPARTMENTS		
WATER LEAK		
WATER SUPPLY & SINKS		
LAVATORY DOORS		
LAV STOWAGE COMPARTMENTS		25/.1
MAGAZINE RACKS		
MISCELLANEOUS EQUIPMENT/FLIGHT DECK		2513
SEATS		2713
CREW		2511
FLIGHT ATTENDANTS		2525
PASSENGER		
STOWAGE COMPARTMENTS		2,2,
GALLEY		2571
LAVATORY		
MISCELLANEOUS		
OVERHEAD.		
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COCKPIT		5611
ENTRY DOOR		
PASSENGER		
SERVICE DOOR		
SHADES		

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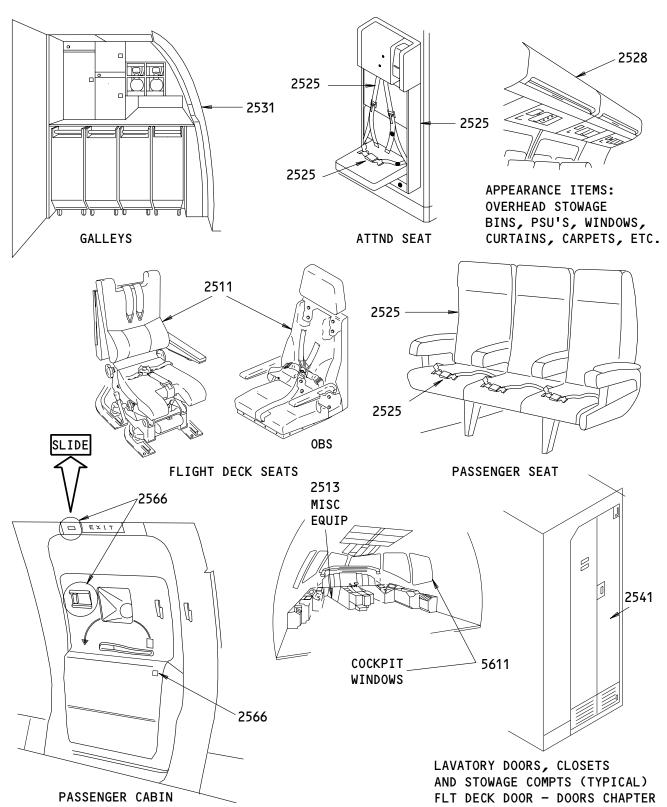
25-INDEX

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FAULT ISOLATION/MAINT MANUAL



EQUIPMENT & FURNISHINGS - INDEX Figure 1 (Sheet 2)

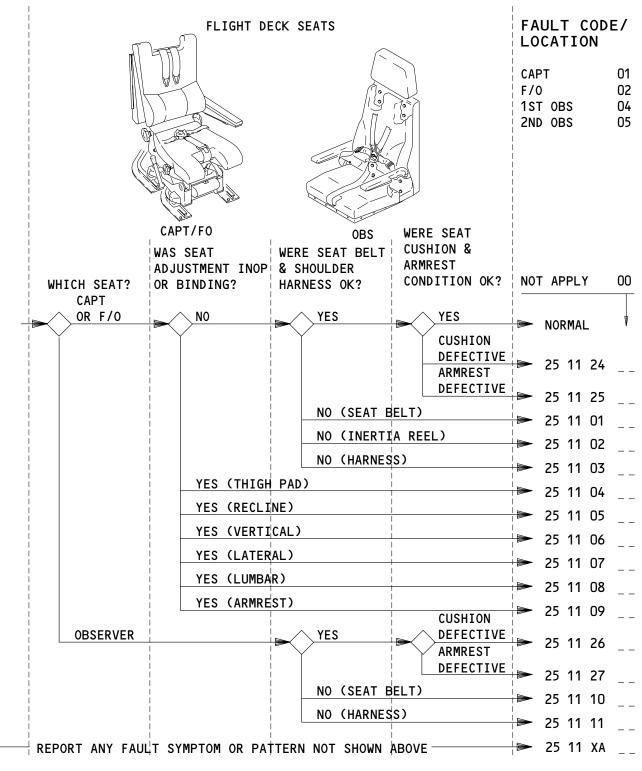
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APPLICABLE CIRCUIT BREAKERS

NONE

FLIGHT CREW SEATS - FAULT CODES Figure 1

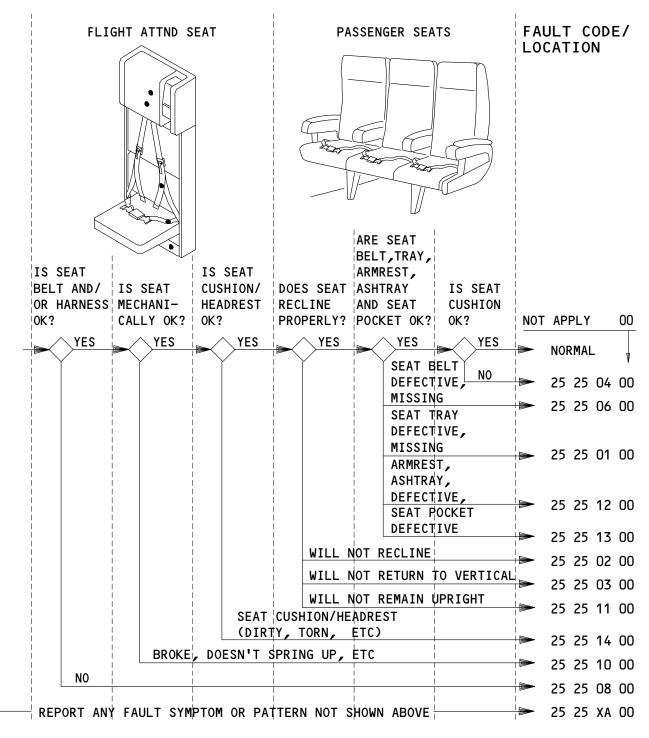
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25-FAULT CODE DIAGRAM

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APPLICABLE CIRCUIT BREAKERS NONE

FLIGHT ATTND AND PASSENGER SEATS - FAULT CODES Figure 2

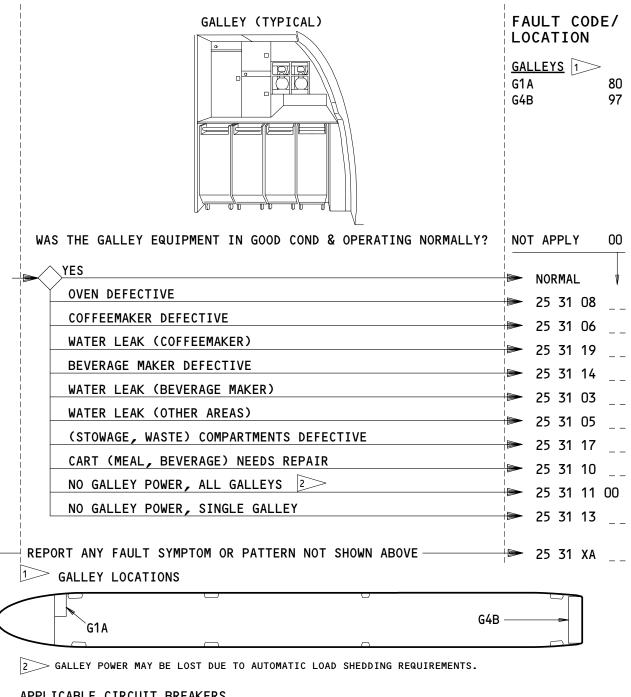
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25-FAULT CODE DIAGRAM

02

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APPLICABLE CIRCUIT BREAKERS

11S2 GALLEY G4B 11S33 GALLEY G1A

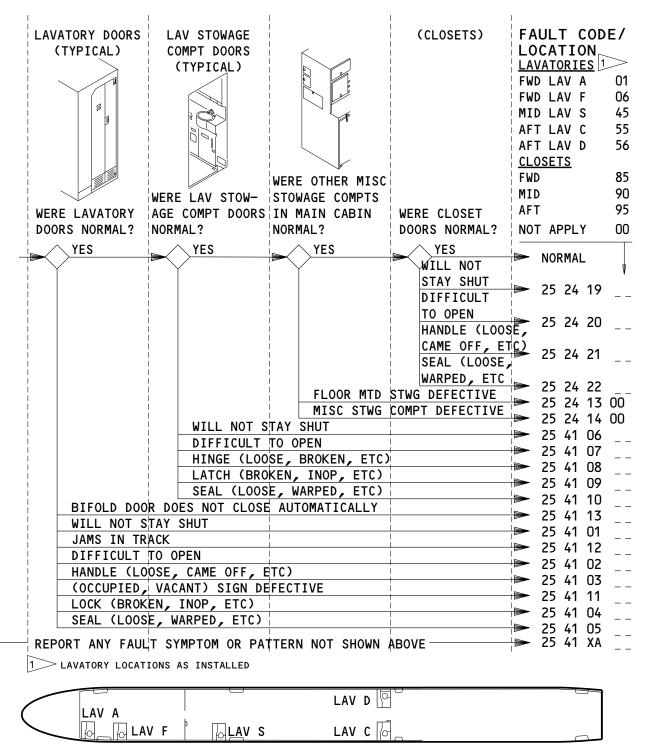
> GALLEY - FAULT CODES Figure 3

EFFECTIVITY-

25-FAULT CODE DIAGRAM

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APPLICABLE CIRCUIT BREAKERS

NONE

LAVATORY DOORS, CLOSETS & STOWAGE COMPTS - FAULT CODES Figure 4

EFFECTIVITY

25-FAULT CODE DIAGRAM

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Not Used Figure 5

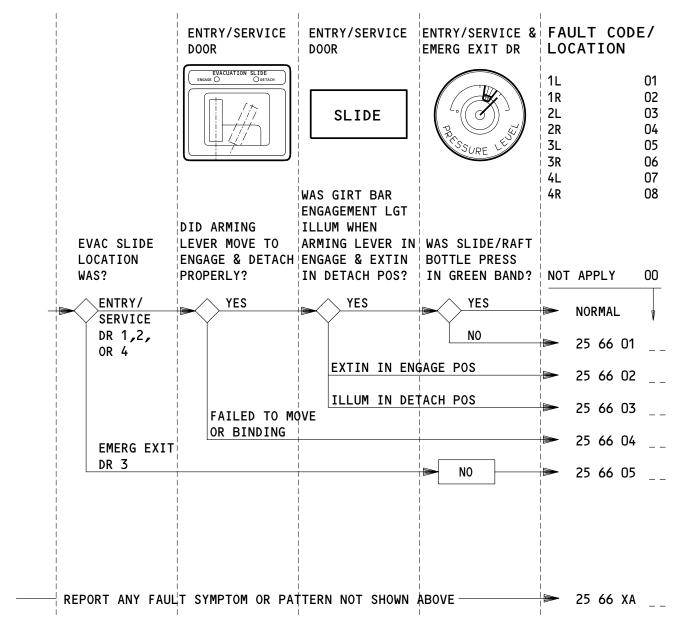
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25-FAULT CODE DIAGRAM

05

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APPLICABLE CIRCUIT BREAKERS

11R34 DOOR GIRT BAR ENT DIM

EVACUATION SLIDE - FAULT CODES

EFFECTIVITY-

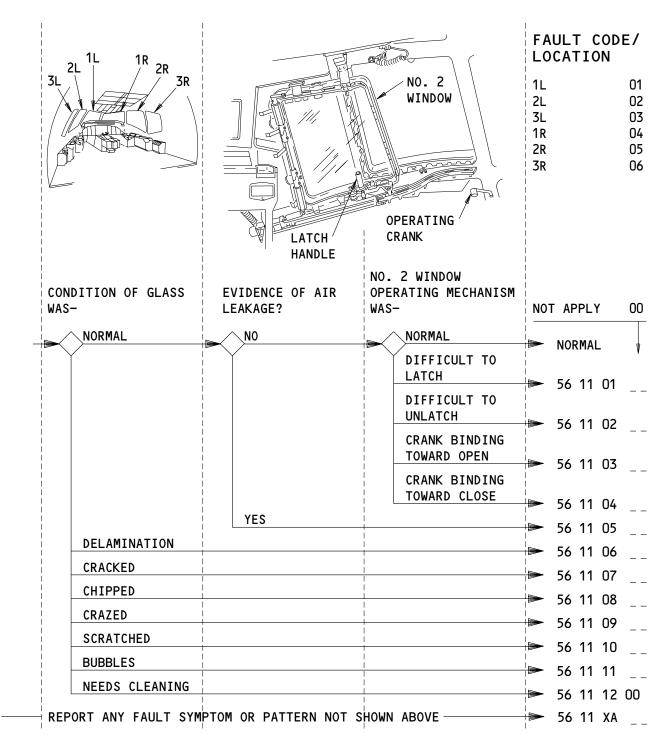
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25-FAULT CODE DIAGRAM

02

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APPLICABLE CIRCUIT BREAKERS

NONE

COCKPIT WINDOW - FAULT CODES Figure 7

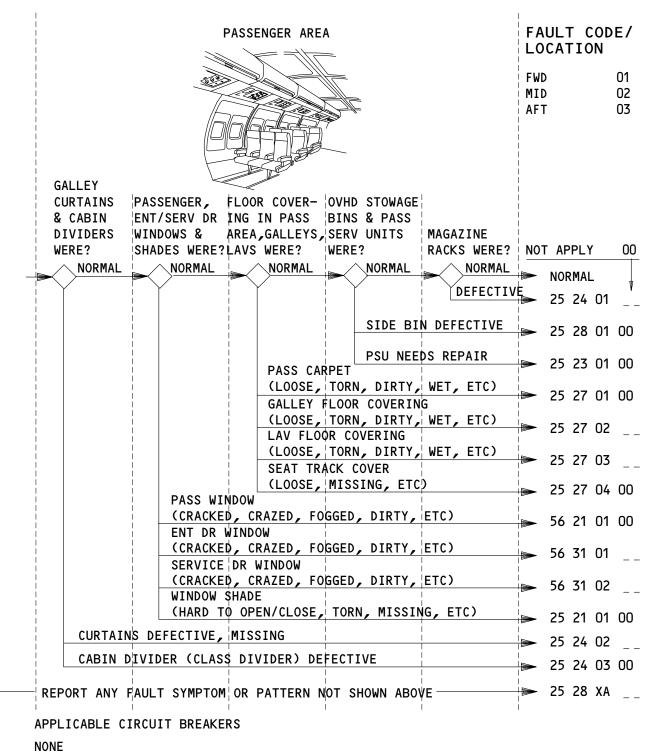
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25-FAULT CODE DIAGRAM

02

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APPEARANCE ITEMS - FAULT CODES Figure 8

Figure 8

25-FAULT CODE DIAGRAM

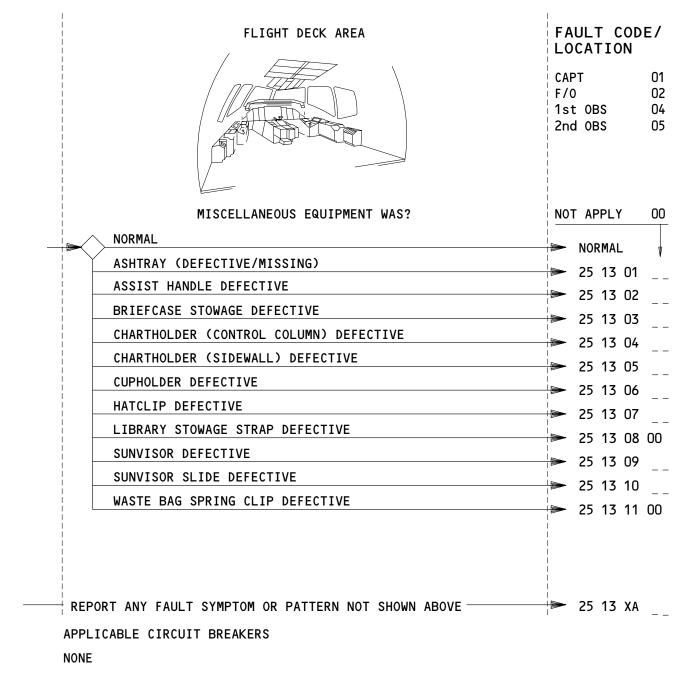
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EFFECTIVITY-





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/0, 04=1st 0BS, 05=2nd 0BS) 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/0) Seat belt at seat defective (describe condition).	Repair or replace the seat belt (AMM 25-11-00).
25 11 02	(01=Capt, 02=F/0) 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/0) Shoulder harness at seat defective (describe condition).	Repair or replace the shoulder harness (AMM 25-11-00).
25 11 04	(01=Capt, 02=F/0) Seat thigh pad adjustment (inop, binding).	FIM 25-11-00/101
25 11 05	(01=Capt, 02=F/0) Seat recline adjustment (inop, binding).	FIM 25-11-00/101
25 11 06	(01=Capt, 02=F/0) Seat vertical adjustment (inop, binding).	FIM 25-11-00/101, Fig. 105
25 11 07	(01=Capt, 02=F/0) Seat horiz adjustment (inop, binding).	FIM 25-11-00/101, Fig. 106
25 11 08	(01=Capt, 02=F/0, 03=Supernumerary) Seat lumbar adjustment (inop, binding).	FIM 25-11-00/101, Fig. 107
25 11 09	(01=Capt, 02=F/0, 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/0) Seat cushion (bottom, back) defective. Describe loose, torn, etc.	Repair or replace the seat cushion.
25 11 25	(01=Capt, 02=F/0) 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/0, 04=1st 0bs, 05=2nd 0bs) Ashtray at position defective/missing.	Replace the ashtray.
25 13 02	(01=Capt, 02=F/0) Assist handle at position defective.	Repair or replace the assist handle.
25 13 03	(01=Capt, 02=F/0) Briefcase stowage at position defective.	Repair or replace the briefcase stowage.
25 13 04	(01=Capt, 02=F/0) Chartholder – control column at position defective.	Repair or replace the chartholder.
25 13 05	(01=Capt, 02=F/0) 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/0, 04=1st 0bs, 05=2nd 0bs) Cupholder at position defective.	Repair or replace the cupholder.
25 13 07 00	(01=CAPT, 02=F/0) 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/0) Sunvisor at position defective.	Repair or replace the sunvisor.
25 13 10	(01=Capt, 02=F/0) 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	(O1=FWD, O2=MID, O3=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.



FAULT CODE	LOG BOOK REPORT	FAULT TOOLATION DEFENDE
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 attnd 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 attnd seat belt, harness, is faulty (indentify location).	Replace the seat belt.



FAULT CODE	LOG BOOK REPORT	FAULT ISOLATION REFERENCE
25 25 10 00	Flight attnd 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 attnd 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).



	100 000/	
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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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	(O1=FWD LAV A, O6=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	(O1=FWD LAV A, O6=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	(O1=FWD LAV A, O6=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	(O1=FWD LAV A, O6=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	(O1=FWD LAV A, O6=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	(O1=FWD LAV A, O6=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	(O1=FWD LAV A, O6=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.

25-FAULT CODE INDEX

ALL



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	(O1=FWD LAV A, O6=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	(O1=FWD LAV A, O6=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	(O1=FWD LAV A, O6=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	(O1=FWD LAV A, O6=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	(O1=FWD LAV A, O6=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/0) Escape strap/cover defective.	Repair or replace the escape strap/cover.

25-FAULT CODE INDEX

ALL

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FAULT CODE	LOG BOOK REPORT	FAULT ISOLATION REFERENCE
25 60 04	(01=CAPT, 02=F/0, 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/0, 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).

25-FAULT CODE INDEX

24



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).



BITE Index

1. General

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

LRU/System Name	<u>Acronym</u>	FIM Reference
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)

EFFECTIVITY-

25-BITE INDEX



LRU/System Name	Acronym	FIM Reference
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)

EFFECTIVITY-

25-BITE INDEX

ALL

Page 2



<u>LRU/System Name</u>	<u>Acronym</u>	FIM Reference
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)

25-BITE INDEX

01

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FLIGHT COMPARTMENT SEATS

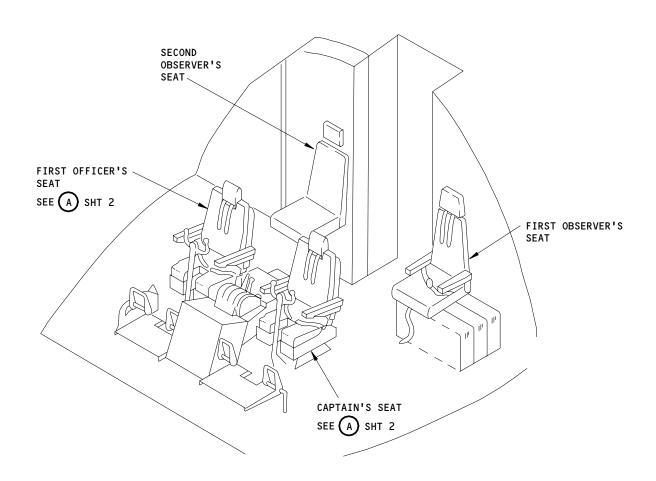
COMPONENT	FIG. 102 SHT	QTY	ACCESS/AREA	AMM REFERENCE
KNOB - MANUAL ADJUSTMENT LUMBAR	2	4	CAPT, F/O SEATS	25-11-01
KNOB - MANUAL ADJUSTMENT THIGH	2	2	CAPT, F/O SEATS	25-11-01
LEVER - MANUAL ADJUSTMENT HORIZONTAL	2	2	CAPT, F/O SEATS	25-11-01
LEVER - MANUAL ADJUSTMENT RECLINE	2	2	CAPT, F/O SEATS	25-11-01
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

EFFECTIVITY-ALL 25-11-00

E45538



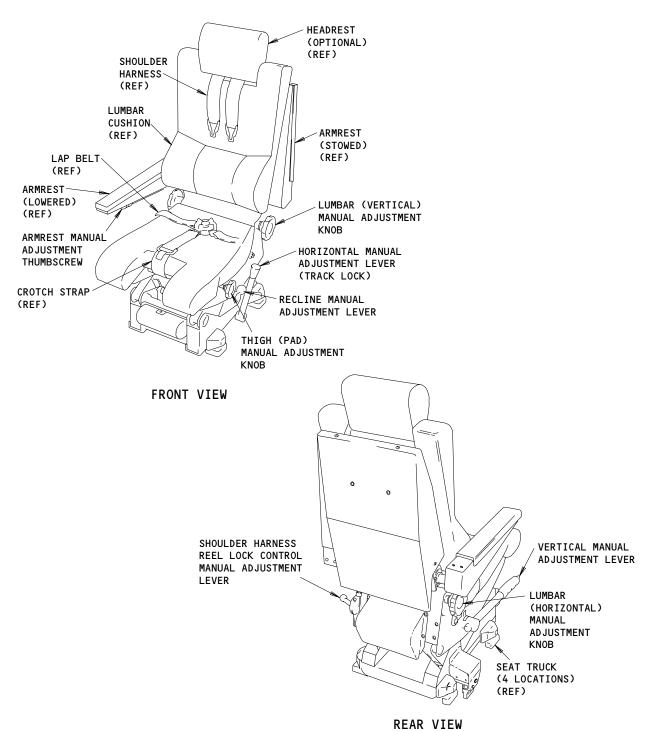


Flight Compartment Seats - Component Location Figure 102 (Sheet 1)

ALL 25-11-00
ALL 06 Page 102
Sep 20/94

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CAPTAIN SEAT SHOWN FIRST OFFICER SEAT OPPOSITE

A

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

EFFECTIVITY ALL

68452

25-11-00

04

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Not Used Figure 103

ALL ALL

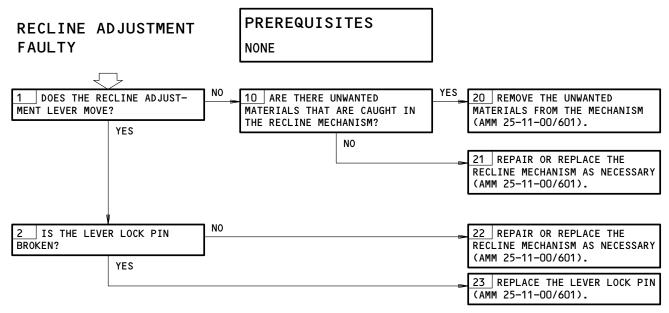
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01

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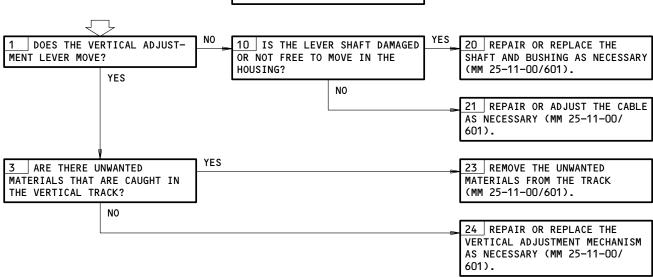


Recline Adjusjtment Faulty Figure 104



VERTICAL ADJUST-MENT FAULTY

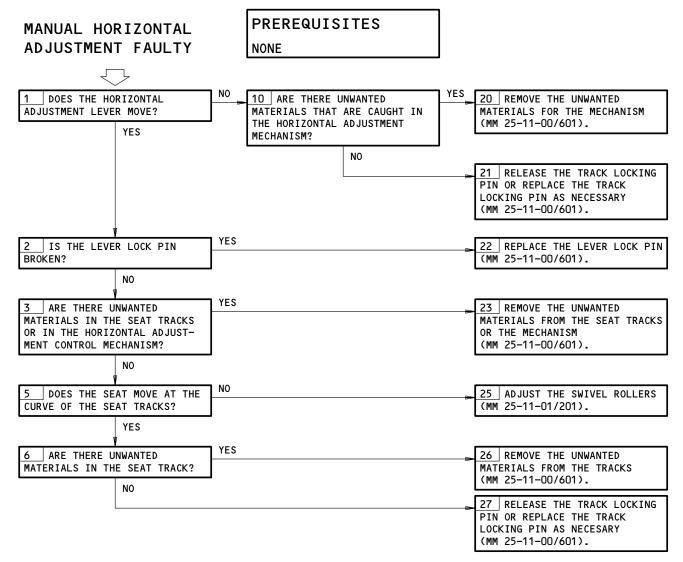
PREREQUISITES
NONE



Vertical Adjustment Faulty Figure 105

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Manual Horizontal Adjustment Faulty Figure 106

LUMBAR ADJ	IUSTMENT		PREREQUISITES NONE		
1 ARE THERE UN MATERIALS THAT A THE LUMBER ADJUS MECHANISM?	RE CAUGHT IN	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

ALL 25-11-00
ALL 01 Page 108
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ARMREST ADJUSTMENT FAULTY

PREREQUISITES	
NONE	

1 ARE THERE UNWANTED MATERIALS THAT ARE CAUGHT IN THE ARMREST ADJUSTMENT	YES	20 REMOVE THE UNWANTED MATERIALS FROM THE MECHANISM (AMM 25-11-00/601).
NO NO	-	21 REPAIR OR REPLACE THE ARMREST ADJUSTMENT MECHANISM AS NECESSARY (AMM 25-11-00/601).

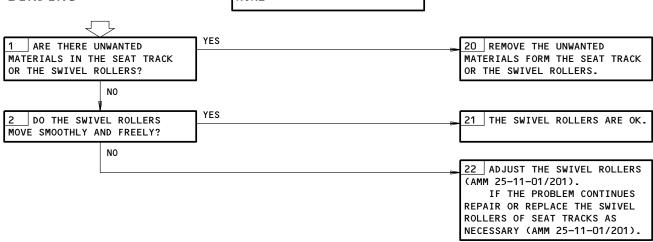
Armrest Adjustment Faulty Figure 108

25-11-00



SEAT TRACK IS BINDING

PREREQUISITES
NONE



Seat Track is Binding Figure 109



GALLEYS

COMPONENT	FIG. 102 SHT	QTY	ACCESS/AREA	AMM REFERENCE
CIRCUIT BREAKER - GALLEY 1A, C740 GALLEY 4B, C743 CIRCUIT BREAKER - GALLEY 1A, C3023 GALLEY - AFT 4B GALLEY - FORWARD 1A UNIT - (FIM 31-01-32/101) ELECTRIC LOAD CONTROL M227 (GALLEY 4B) ELECTRIC LOAD CONTROL M546 (GALLEY 1A)	1 1 1	1 1 1 1	FLT COMPT, P11 11s34 11s2 119BL, MAIN EQUIP CTR, P32 32A5 AFT PASS. CABIN FWD PASS. CABIN	* * 25-31-04 25-31-01

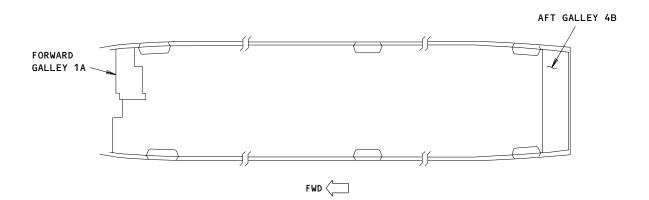
^{*} SEE THE WDM EQUIPMENT LIST

Galleys - Component Index Figure 101

E45592

25-31-00





Galleys - Component Location Figure 102 (Sheet 1)

EFFECTIVITY-ALL

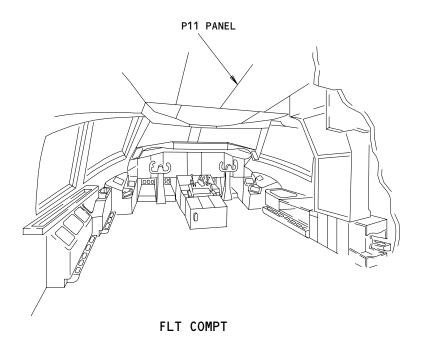
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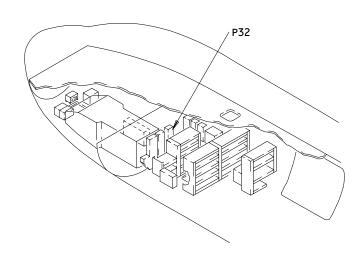
25-31-00

20

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Component Location Figure 102 (Sheet 2)

228786

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

1 SIMULATE SYSTEM NO. 2 AIR/
GROUND RELAYS IN FLIGHT MODE
(AMM 32-09-02/201).
PLACE L AND R BUS TIE

SWITCH/LIGHTS ON P5 IN "AUTO" POSITION.

PLACE L AND R UTILITY BUS SWITCH/LIGHTS ON P5 TO "ON". DID GALLEYS LOSE POWER?

YES

2 USING APPLICABLE WIRING
DIAGRAM FOR THE FAILED GALLEY,
MAKE SURE ELECTRICAL COMPONENTS BETWEEN GALLEY AND POWER
SOURCE ARE OK.

<u>GALLEY</u>	WIRING DIAGRAMS
FWD G1A	25-31-11
FWD G1B	25-31-13
FWD G1C	25-31-14
MID G2A	15-31-21
MID G2B	25-31-23
MID G2C	25-31-25
MID G2D	25-31-27
AFT G4A	25-31-31
AFT G4B	25-31-33
FLIGHT DECK	25-31-51

21 MAKE SURE ALL ELECTRICAL COMPONENTS THAT SUPPLY POWER TO GALLEYS ARE OK.

No Power at Galleys Figure 103

25-31-00



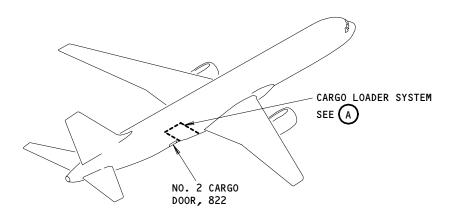
CARGO LOADER SYSTEM

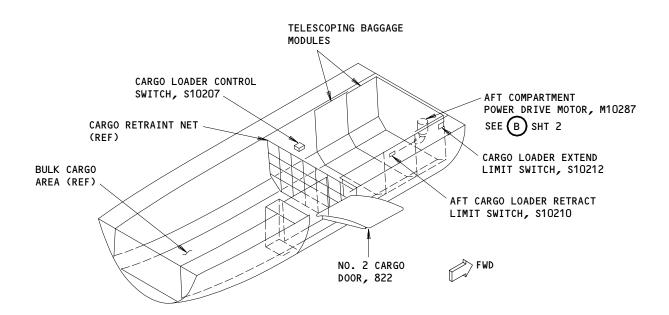
COMPONENT	FIG 102 SHT	QTY	ACCESS/AREA	REFERENCE
CIRCUIT BREAKERS AFT CARGO LOADER CONTROL, C4180 AFT CARGO LOADER DRIVE, C3018 MODULES - TELESCOPING BAGGAE MOTOR - DOLER DRIVE M10387	3	1 1 2	MAIN EQUIP CTR, P34 34A7 34B16 822, AFT CARGO COMPARTMENT	* * 25–51–25 25–51–21
MOTOR - POWER DRIVE, M10287 RELAY - (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	2	1	BEHIND THE ACCESS DOOR IN THE FORWARD TELESCOPING MODULE	23-31-21
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







AFT CARGO LOADER SYSTEM



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

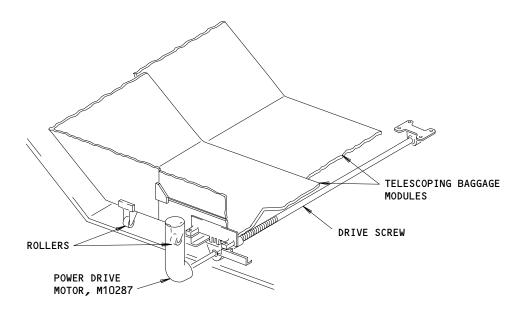
AIRPLANES WITH THE CARGO LOADER SYSTEM

25-51-00

06

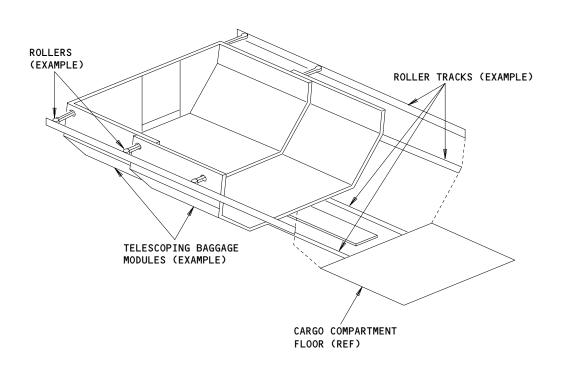
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CARGO LOADER (EXAMPLE)





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

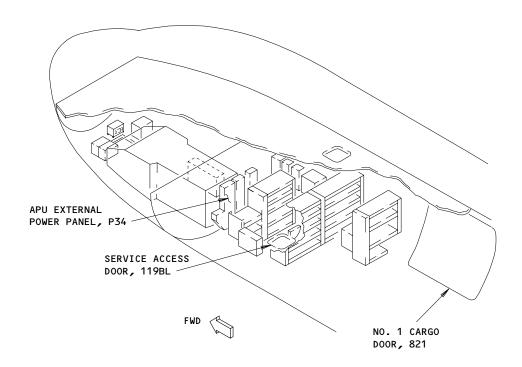
EFFECTIVITY
AIRPLANES WITH THE CARGO LOADER SYSTEM

25-51-00

05

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MAIN EQUIPMENT CENTER

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

AIRPLANES WITH THE CARGO LOADER SYSTEM



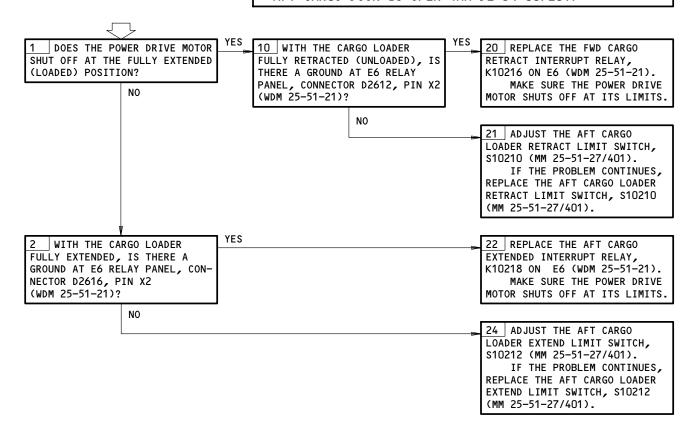
PREREQUISITES

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

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

AIRPLANES WITH THE CARGO LOADER SYSTEM

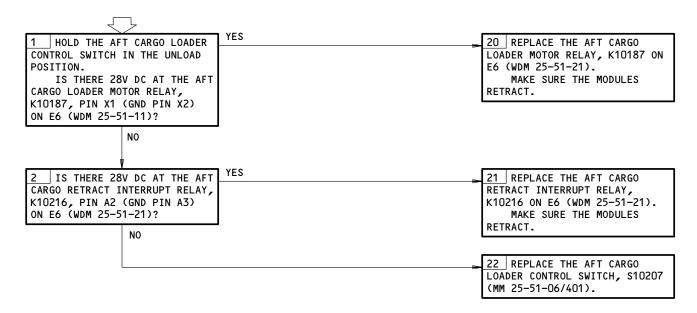


AFT CARGO LOADER
TELESCOPING MODULES
EXTEND BUT DO NOT
RETRACT TO FULLY
UNLOADED POSITION

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



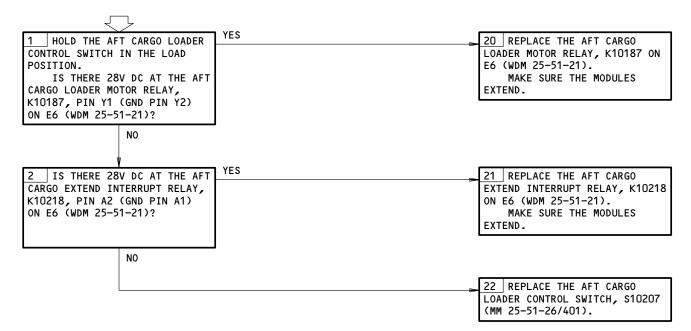
PREREQUISITES

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



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

EFFECTIVITY
AIRPLANES WITH THE CARGO LOADER SYSTEM

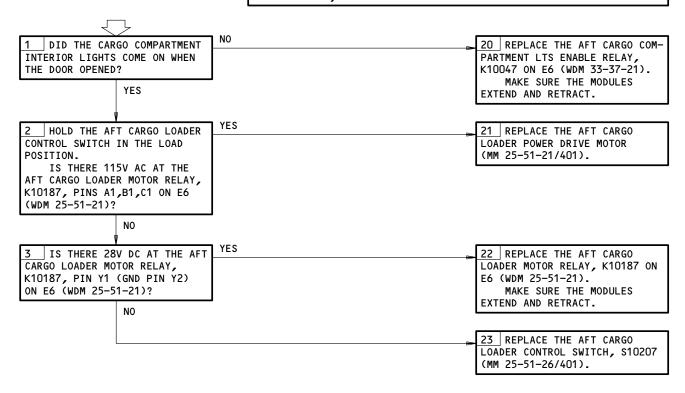


AFT CARGO LOADER TELESCOPING MODULES DO NOT EXTEND OR RETRACT

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

AIRPLANES WITH THE CARGO LOADER SYSTEM



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 DOOL	*
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

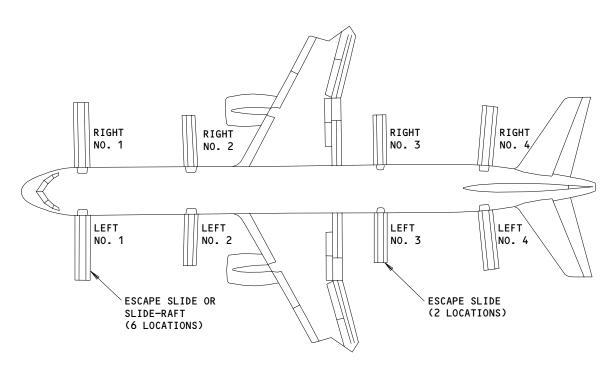
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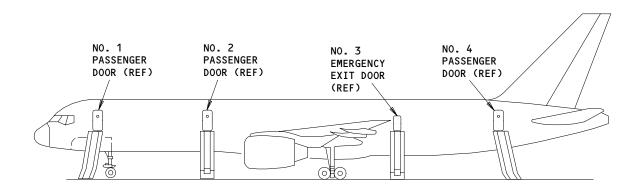
02

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TOP VIEW



SIDE VIEW

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

EFFECTIVITY-ALL

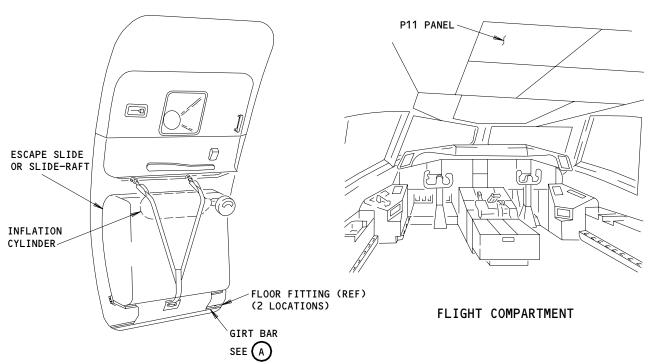
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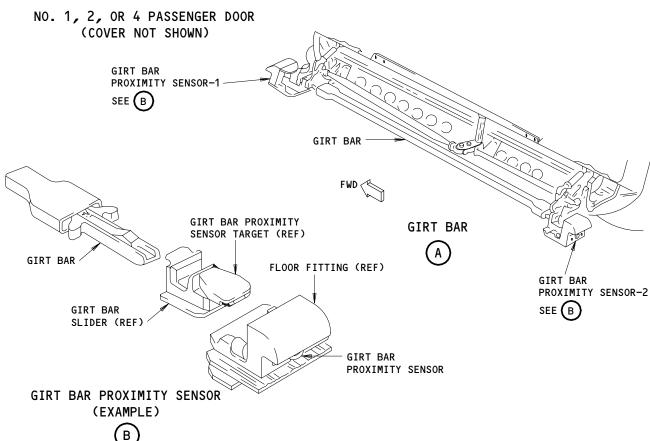
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FAULT ISOLATION/MAINT MANUAL





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

ALL ALL

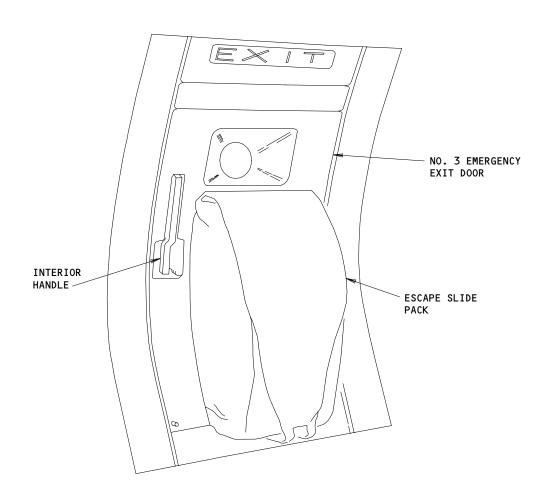
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NO. 3 EMERGENCY EXIT DOOR (COVER NOT SHOWN)

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

EFFECTIVITY-ALL

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PREREQUISITES GIRT BAR ENGAGEMENT NONE LGT EXTIN WITH EVAC-UATION SLIDE OR SLIDE-RAFT ARM/DISARM CONTROL IN ENGAGE POS NO DO A CHECK ON THE GIRT BAR 21 REPLACE THE BULB ENGAGEMENT LIGHT BULB. (WDM 25-66-11). IS THE BULB OK? NO CLOSE THE DOOR. PUT THE 22 ADJUST THE TARGET TO GET MODE SELECTOR LEVER TO THE THE CORRECT DIMENSION "ENGAGE" POSITION. LIFT THE (MM 25-66-11/201). COVER. DO A CHECK ON THE HORIZONTAL DIMENSION OF THE GIRT BAR SLIDER ENGAGEMENT (MM 25-66-11/201). IS THE DIMENSION CORRECT?

YES

YES

DO A CHECK ON THE VERTICAL

CLEARANCE BETWEEN THE GIRT BAR

SLIDER AND THE SENSOR

(MM 25-66-11/201).

CORRECT?

IS THE VERTICAL CLEARANCE 24 REPLACE ONE GIRT BAR PROX-IMITY SWITCH (MM 25-66-11/ 201). IF THE PROBLEM CONTINUES, REPLACE THE OTHER GIRT BAR PROXIMITY SWITCH (MM 25-66-11/ 201).

23 ADJUST THE SENSOR TO GET

THE CORRECT CLEARANCE

(MM 25-66-11/201).

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

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