

GPA Group plc

PAGE	DATE	CODE	PAGE	DATE	CODE	PAGE	DATE	CODE
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1 2	SEP 28/99 SEP 28/07	GUI GUI						
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35-INDEX 1 2	JAN 28/00 BLANK	03						
35-EICAS I 1 2 3 4	MESSAGES MAY 28/99 MAR 20/91 SEP 28/00 BLANK	01 01 01						
35-FAULT (1 2 3 4	CODE DIAGRAM JUN 20/96 JUN 20/96 JUN 15/87 BLANK	01 01 02						
35-FAULT (1 2	CODE INDEX SEP 20/08 SEP 20/08	03 02						
35-BITE II 1 2 3 4	NDEX SEP 28/99 SEP 28/99 SEP 28/99 BLANK	01 01 01						
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R = REVISED, A = ADDED OR D = DELETED 632 MAY 20/09 D633N632

CHAPTER 35 **EFFECTIVE PAGES** PAGE LAST PAGE



CHAPTER 35 - OXYGEN

TABLE OF CONTENTS

Chapter Section Subject Subject **Effectivity** <u>Page</u> HOW TO USE THE FIM 35-HOW TO 1 ALL USE THE FIM 35-INDEX **INDEX** ALL **EICAS MESSAGES** 35-EICAS 1 ALL **MESSAGES** FAULT CODE DIAGRAMS 35-FAULT ALL CODE DIAGRAM FAULT CODE INDEX 35-FAULT ALL 1 CODE INDEX BITE INDEX 35-BITE ALL INDEX **OXYGEN** 35-00-00 35-10-00 **CREW CREW OXYGEN SYSTEM** 35-11-00 Component Location 101 ALL Component Index Component Location Fault Isolation 105 EICAS Oxygen Pressure Indication is Abnormal (Fig.

103)

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CHAPTER 35 - OXYGEN

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Chapter Section

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<u>Subject</u> Subject **Effectivity** <u>Page</u> **PASSENGER** 35-20-00 35-21-00 PASSENGER OXYGEN SYSTEM 101 Component Location ALL Component Index Component Location Fault Isolation 105 Isolated Passenger Oxygen Mask(s) Deployed (Fig. 103) Passenger Oxygen Masks 106 Deployed Automatically

without Loss of Cabin Pressurization (Fig. 104) Passenger Oxygen Masks Did Not

Drop Automatically (Fig. 105)

35-CONTENTS



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**

> Basic Fault Isolation Process Figure 1

EFFECTIVITY-

ALL

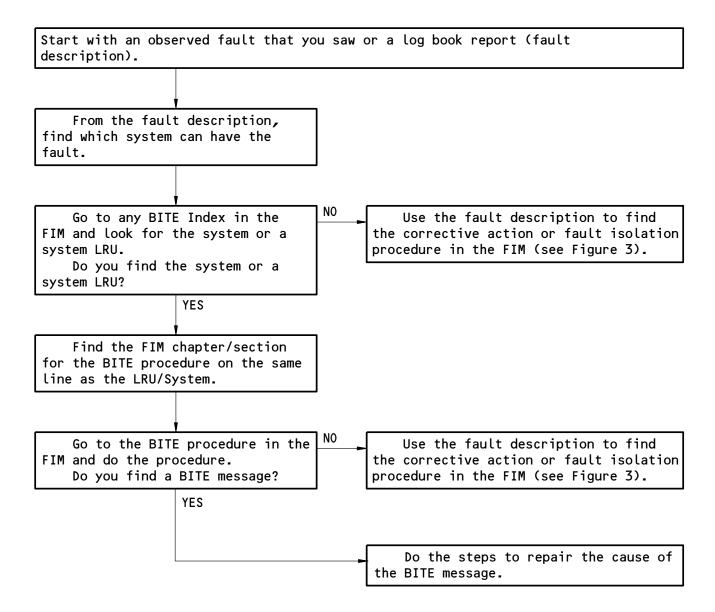
35-HOW TO USE THE FIM

For details, see Figure 4 —

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How to Get Fault Information from BITE Figure 2

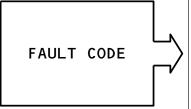
EFFECTIVITY ALL

35-HOW TO USE THE FIM

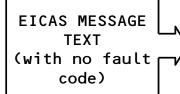
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Page 2 Sep 20/98 IF YOU HAVE:

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).



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.

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

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35-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

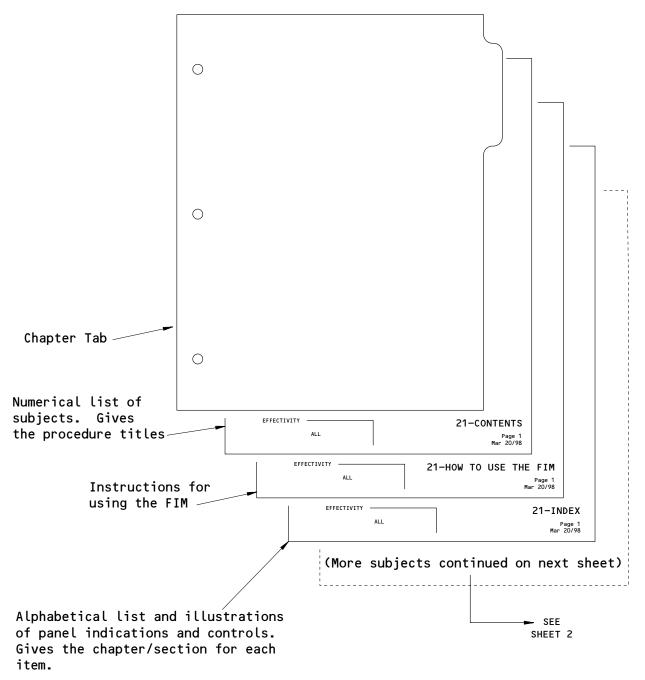
EFFECTIVITY-

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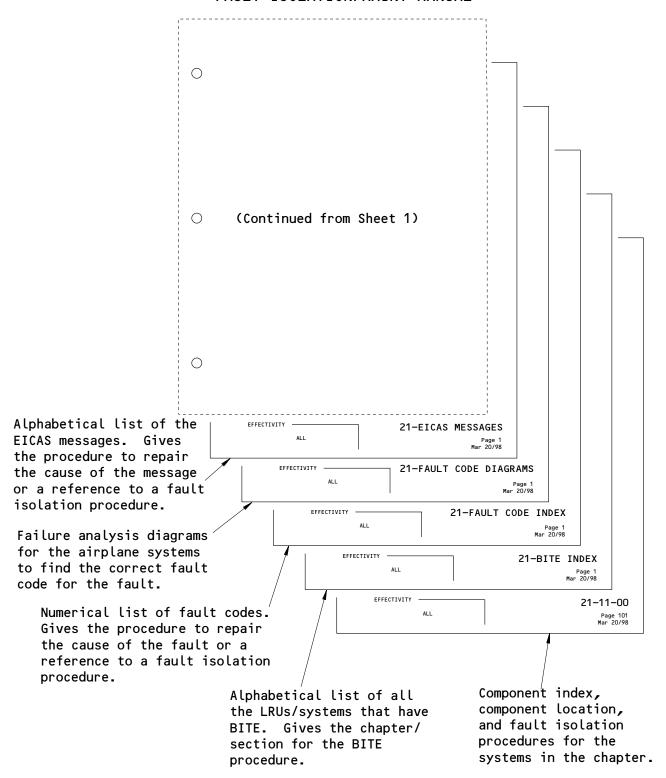
Subjects in Each FIM Chapter Figure 5 (Sheet 1)

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Subjects in Each FIM Chapter Figure 5 (Sheet 2)

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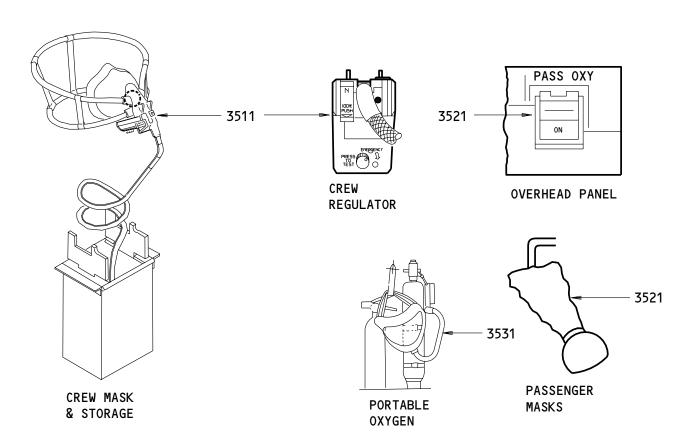
35-HOW TO USE THE FIM

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EICAS MESSAGES	CHAP/SEC
PASS OXYGEN ON	3521



<u>IIILE</u>	CHAP/SEC
CREW OXYGEN MASK	3511
CREW OXYGEN REGULATOR	3511
PASSENGER OXYGEN ON LIGHT	3521
PASSENGER OXYGEN MASKS	3521
PORTABLE OXYGEN	3531

OXYGEN - INDEX

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03

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OXYGEN - EICAS MESSAGE LIST

1. General

- A. This procedure shows the EICAS message locations and gives a list of procedures to find the solution for each message.
 - (1) EICAS Message Locations (Fig. 1)
 - (a) Figure 1 shows the location of the EICAS display units and the area where the messages show on the display units.
 - (b) Each message level has a different location. The location and color of each message level is also shown.
 - (2) The EICAS MESSAGE LIST gives the message, level, and procedure for each message.
 - (a) The EICAS MESSAGE column lists the messages alphabetically. Messages which start with L, R, or C are put together and alphabetized at L.
 - (b) The LEVEL column gives all levels for each message as follows:
 - A Warning messages
 - B Caution messages
 - C Advisory messages
 - S Status messages
 - M Maintenance messages
 - (c) The PROCEDURE column gives the steps that are necessary to remove the message and includes one or more of the procedures that follow:
 - 1) A Fault Isolation Manual procedure reference
 - 2) A Maintenance Manual procedure and reference
 - 3) Wiring checks and a Wiring Diagram Manual reference
 - 4) A reference to an EICAS message list in a different chapter.
 - 5) A reference to a FAULT CODE INDEX and specified fault codes
 - 6) A step to change the airplane configuration

EFFECTIVITY-

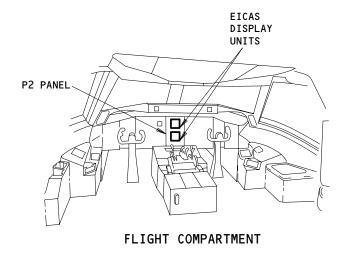
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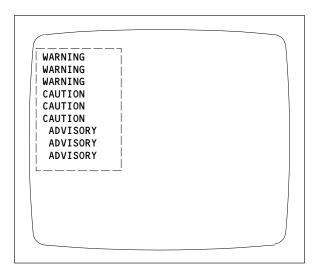
35-EICAS MESSAGES

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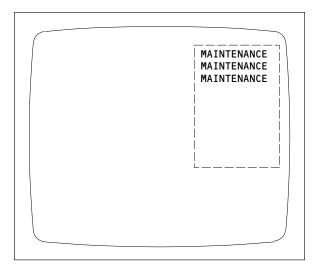


FAULT ISOLATION/MAINT MANUAL

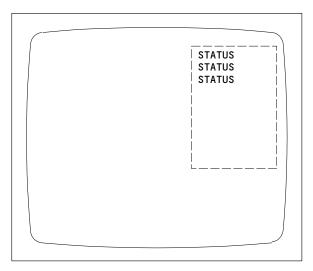




ENGINE PRIMARY PAGE OR COMPACTED PAGE (TOP DISPLAY UNIT)



ECS/MSG PAGE (BOTTOM DISPLAY UNIT)



STATUS PAGE (BOTTOM DISPLAY UNIT)

COLOR
RED
YELLOW
YELLOW
WHITE
WHITE

EICAS Message Locations Figure 1

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35-EICAS MESSAGES

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EICAS MESSAGE LIST						
EICAS MESSAGE LEVEL PROCEDURE						
PASS OXYGEN ON	С	 Replace the altitude pressure switch S119 (WDM 35-21-11). If the problem continues replace the oxygen control relay K4 (WDM 35-21-11). 				

EFFECTIVITY-

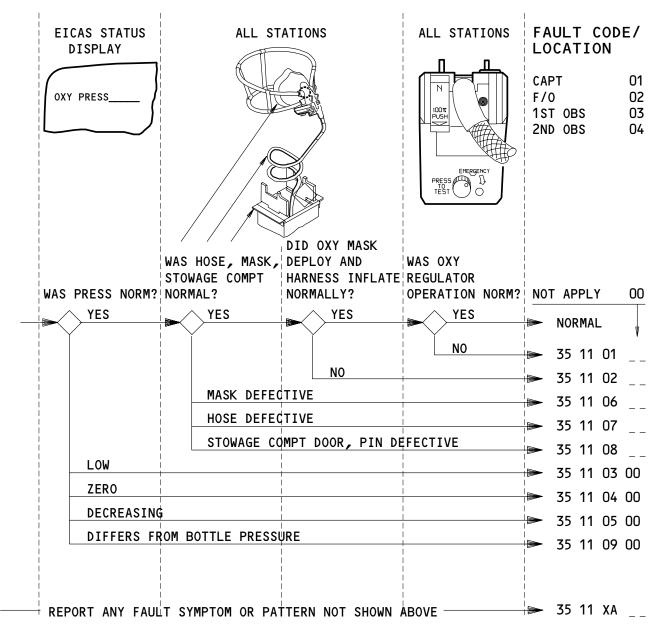
ALL

35-EICAS MESSAGES

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APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11s31 **OXYGEN PRESS** 11S33 OXYGEN PRESS

CREW OXYGEN - FAULT CODES

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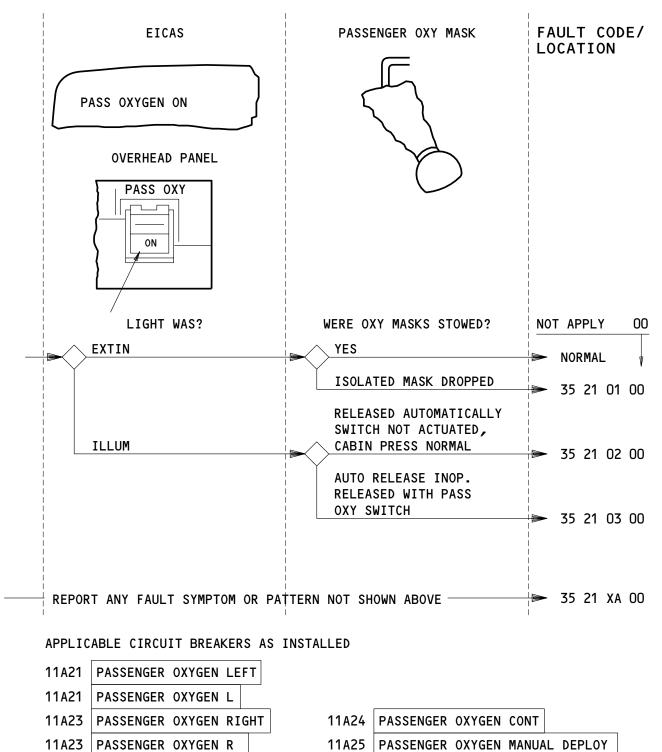
35-FAULT CODE DIAGRAM

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54905



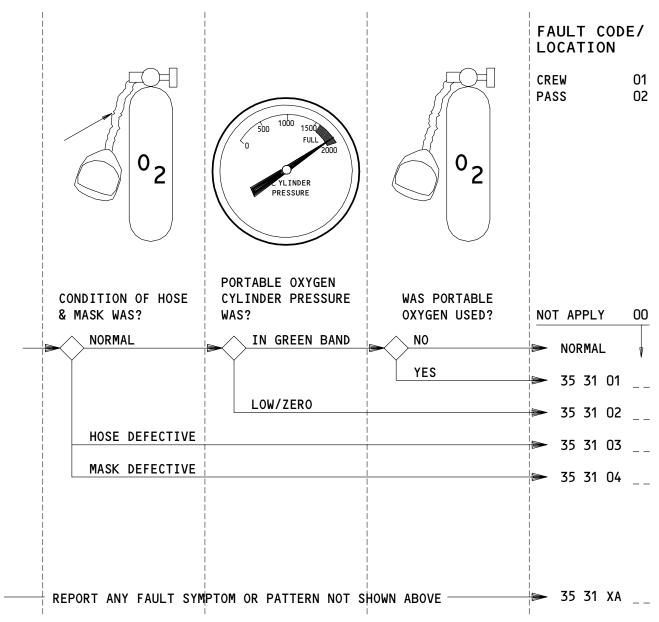


PASSENGER OXYGEN - FAULT CODES

35-FAULT CODE DIAGRAM

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APPLICABLE CIRCUIT BREAKERS

NONE

54909

PORTABLE OXYGEN - FAULT CODES

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35-FAULT CODE DIAGRAM

02

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FAULT CODE	LOG BOOK REPORT	FAULT ISOLATION REFERENCE
35 11 XA	(01=CAPT,02=F/0,03=1ST OBS, 04=2ND OBS) Crew oxygen problem was encountered by the flight crew which is not covered in the fault code diagrams.	SSM 35-11-01
35 21 XA 00	Passenger oxygen problem was encountered by the flight crew which is not covered in the fault code diagrams.	SSM 35-21-01
35 31 XA	(O1=CREW,O2=PASS) portable oxygen problem was encountered by the flight crew which is not covered in the fault code diagrams.	SSM 35-31-01
35 11 01	(01=CAPT,02=F/0,03=1ST OBS, 04=2ND OBS) Oxygen regulator operation (difficult to exhale, no pressure breathing available, leaking).	Replace the oxygen mask/regulator (AMM 35-11-00).
35 11 02	(01=CAPT,02=F/0,03=1ST OBS, 04=2ND OBS) Oxygen mask (difficult to release from stowage, harness fails to flate, harness leaking, harness fails to deflate).	Replace the oxygen mask/regulator (AMM 35-11-00).
35 11 06	(01=CAPT,02=F/0,03=1ST OBS, 04=2ND OBS) Oxygen mask defective (describe).	Replace the oxygen mask (AMM 35-11-00).
35 11 07	(01=CAPT,02=F/0,03=1ST OBS, 04=2ND OBS) Oxygen mask hose defective (describe).	Replace the oxygen mask hose (AMM 35-11-00).
35 11 08	(01=CAPT,02=F/0,03=1ST OBS, 04=2ND OBS) Oxygen mask panel (door, pin, etc) defective (describe).	Replace the oxygen mask panel (door, pin, etc)(AMM 35-11-00).
35 11 03 00	Crew oxygen pressure is low. OXY PRESS	FIM 35-11-00/101, Fig. 103, Block 1
35 11 04 00	Crew oxygen pressure is zero. PRESS	FIM 35-11-00/101, Fig. 103, Block 1

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FAULT CODE	LOG BOOK REPORT	FAULT ISOLATION REFERENCE
35 11 05 00	Crew oxygen pressure is decreasing. EICAS status parameters displayed, OXY PRESS	FIM 35-11-00/101, Fig. 103, Block 1
35 11 09 00	EICAS OXY PRESS differs from bottle press. EICAS OXY PRESS psi. Bottle press psi.	Open and then close this circuit breaker. (a) 11S31, OXYGEN PRESS If the problem continues, replace the oxygen cylinder (AMM 35-11-00). If the problem still continues, replace the pressure transducer (WDM 35-11-13).
35 21 01 00	Passenger mask(s) dropped (specify location or seat number).	FIM 35-21-00/101, Fig. 103, Block 1
35 21 02 00	EICAS msg PASS OXYGEN ON displayed, pass oxy ON light on and all masks dropped automatically. Switch not actuated, cabin pressurization was normal.	FIM 35-21-00/101, Fig. 104, Block 1
35 21 03 00	PASS OXY ON light on, masks failed to drop automatically. Masks dropped after actuation of PASS OXY switch. EICAS message displayed, PASS OXYGEN ON.	FIM 35-21-00/101, Fig. 105, Block 1
35 31 01	(01=Crew,02=Pass) Portable oxygen was used (specify location).	Replace the portable oxygen unit (AMM 35-00-00).
35 31 02	(01=Crew,02=Pass) Portable oxygen cylinder press is (low, zero)(specify location).	Replace or recharge the portable oxygen cylinder (AMM 35-00-00).
35 31 03	(01=Crew,02=Pass) Portable oxygen cylinder hose is defective (specify location).	Replace the hose and mask assembly (AMM 35-00-00).
35 31 04	(01=Crew,02=Pass) Portable oxygen cylinder mask is defective (specify location).	Replace the hose and mask assembly (AMM 35-00-00).

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35-FAULT CODE INDEX



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.

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)

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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)

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<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)

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CREW OXYGEN

COMPONENT		QTY	ACCESS/AREA	AMM REFERENCE
CIRCUIT BREAKER -	2		FLIGHT COMPARTMENT, P11	
OXYGEN PRESSURE, C1320		1	11831	*
CIRCUIT BREAKER -	2		FLIGHT COMPARTMENT, P34	
OXYGEN PRESSURE IND, C4220 1		1	34B2	*
CYLINDER - CREW OXYGEN	1	1	821, AFT OF THE NO. 1 CARGO DOOR	35-11-00
FILLER VALVE 1	1	1	821, ON THE OXYGEN FILL PANEL	35-11-12
INDICATORS -				
OXYGEN PRESSURE (CYLINDER)	1	1	821, AFT OF THE NO. 1 CARGO DOOR	
OXYGEN PRESSURE (EXTERNAL FILL PANEL)	1	1	821, ON THE OXYGEN FILL PANEL	35–11–05
MASK/REGULATOR	2	4	FLIGHT COMPARTMENT	35-11-00
REGULATOR - PRESSURE	1	1	821, AFT OF THE NO. 1 CARGO DOOR	35-11-03
RELAY - (FIM 31-01-37/101) GROUND HANDLING POWER TRANSFER, K10277				
TRANSDUCER - PRESSURE, TS120	1	1	821, AFT OF THE NO. 1 CARGO DOOR	35-11-00
VALVE - CREW OXYGEN SHUTOFF	3	1	FLIGHT COMPARTMENT	35-11-02

^{*} SEE THE WDM EQUIPMENT LIST

1 GUI 115

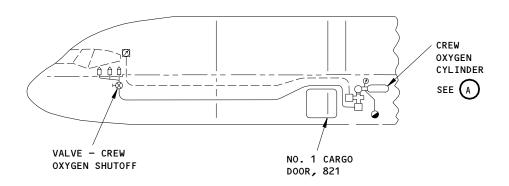
Crew Oxygen - Component Index Figure 101

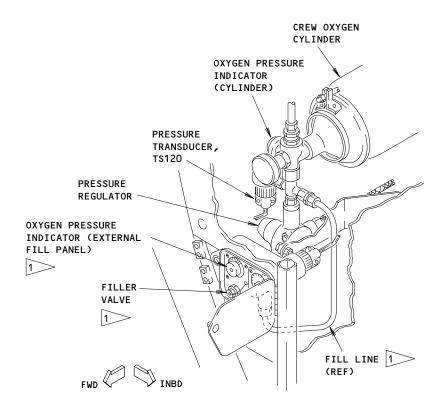
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CREW OXYGEN CYLINDER



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Crew Oxygen - Component Location Figure 102 (Sheet 1)

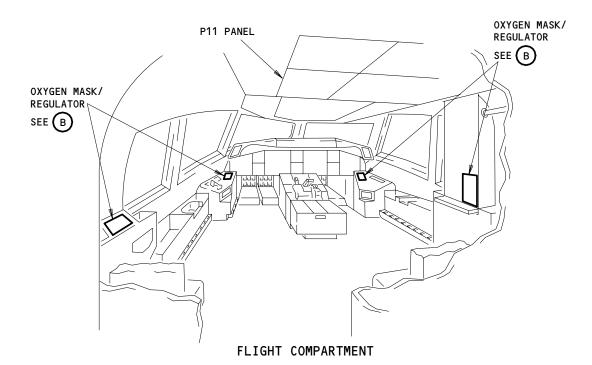
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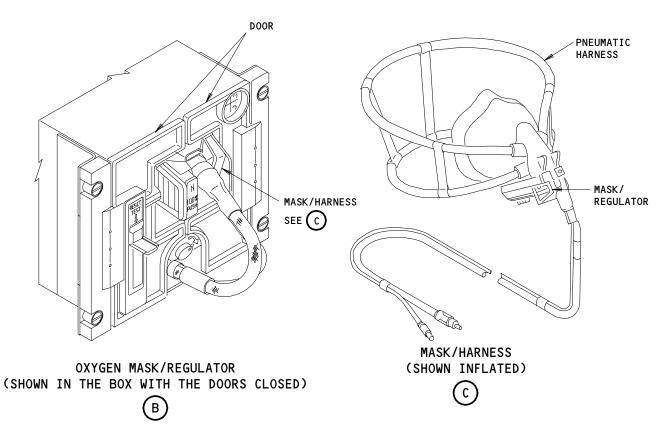
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Crew Oxygen - Component Location Figure 102 (Sheet 2)

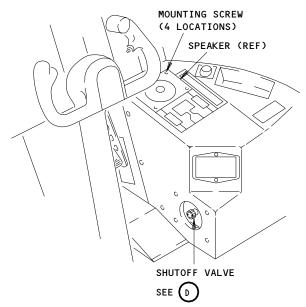
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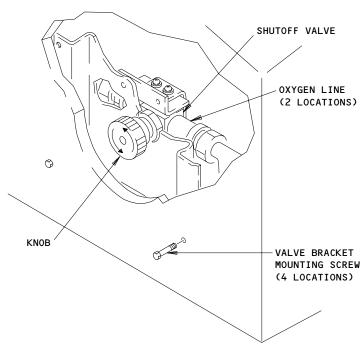
35-11-00

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SHUTOFF VALVE (D)

Crew Oxygen - Component Location Figure 102 (Sheet 3)

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35-11-00

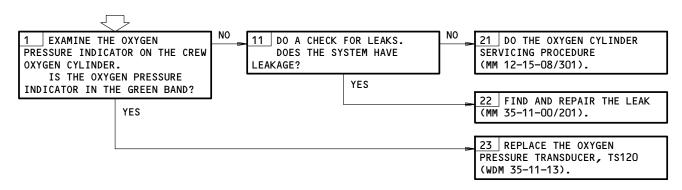
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EICAS OXYGEN PRESSURE INDICATION IS ABNORMAL

PREREQUISITES	
NONE	





PASSENGER OXYGEN

COMPONENT	FIG. 102 SHT	QTY	ACCESS/AREA	AMM REFERENCE
ACTUATOR - OXYGEN MODULE DOOR LATCH CIRCUIT BREAKER - PASSENGER OXYGEN CONT, C1323 PASSENGER OXYGEN LEFT, C1321 PASSENGER OXYGEN MANUAL DEPLOY, C1325 PASSENGER OXYGEN RIGHT, C1322 DOOR - OXYGEN MODULE DOOR - SUSTAINING OXYGEN MODULE GENERATOR - OXYGEN GENERATOR - SUSTAINING OXYGEN 2 LIGHT/SWITCH - PASSENGER OXYGEN, S2 PANEL - (FIM 33-51-00/101) EMER LTS/OXY, M43 RELAY - (FIM 31-01-37/101) MANUAL DEPLOY OXY CONTROL, K7 OXY CONTROL, K4 OXY CONTROL TIME DELAY, K8 OXY MANUAL DEPLOY TIME DELAY, K42	2,3 1 2,3 2 2,3 2 1		PSU, OXYGEN MODULE FLT COMPT, P11 11A24 11A21 11A25 11A23 PSU, OXYGEN MODULE PSU, SUSTAINING OXYGEN MODULE PSU, OXYGEN MODULE PSU, OXYGEN MODULE PSU, SUSTAINING OXYGEN MODULE FLT COMPT, P5, EMER LTS/PASS. OXY PNL, M43	35-21-06 * * * 35-21-00 35-21-04 35-21-04 35-21-00
SWITCH - ALTITUDE PRESSURE, S119	1	1	119AL, MAIN EQUIP CTR, P37	35-21-00

^{*} SEE THE WDM EQUIPMENT LIST

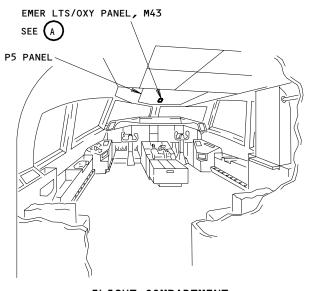
1 VARIABLE WITH PASSENGER SEAT CONFIGURATION

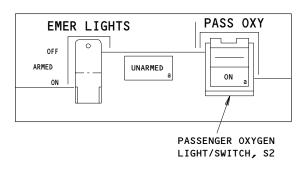
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Passenger Oxygen - Component Index Figure 101

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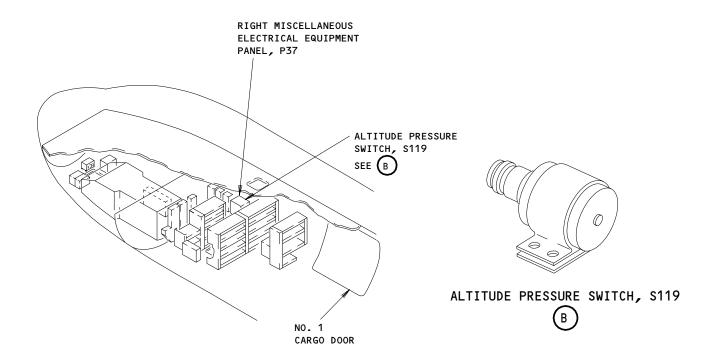






EMER LTS/OXY PANEL, M43





Passenger Oxygen - Component Location Figure 102 (Sheet 1)

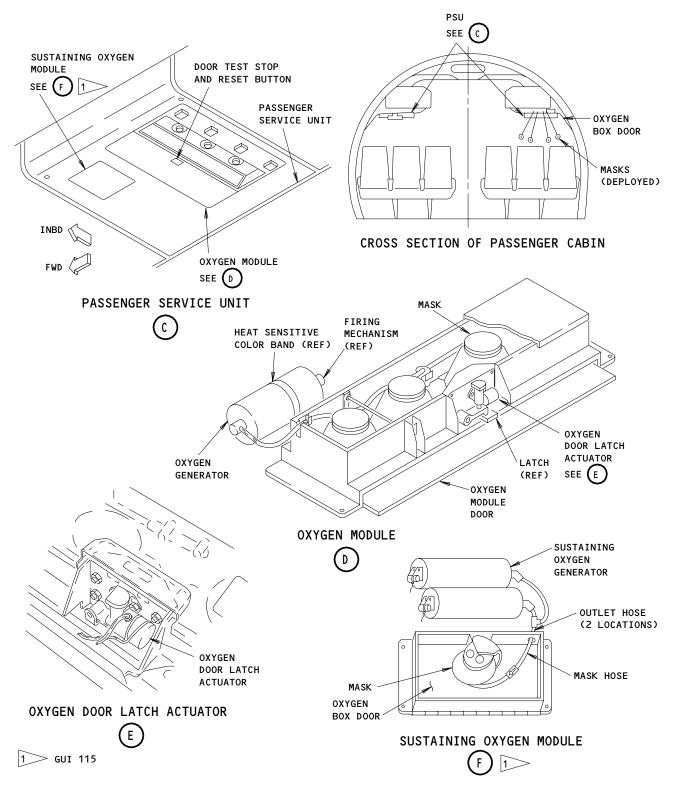
EFFECTIVITY ALL

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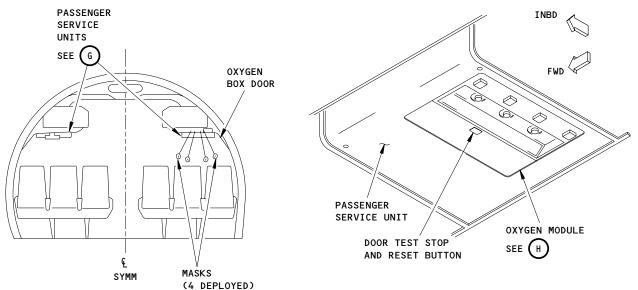
Passenger Oxygen - Component Location Figure 102 (Sheet 2)

35-21-00

11

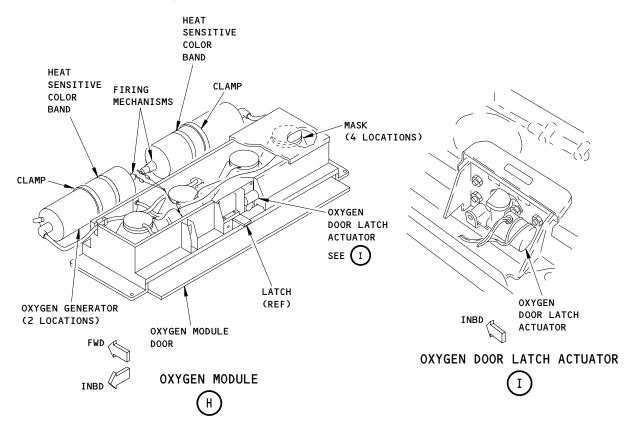
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CROSS SECTION OF PASSENGER CABIN (VIEW IN AFT DIRECTION)





Passenger Oxygen - Component Location Figure 102 (Sheet 3)

EFFECTIVITY-GUI 005, 008, POST SB 05-0030;

35-21-00

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ISOLATED PASSENGER OXYGEN MASK(S) DEPLOYED

PREREQUISITES	
NONE	



ADJUST THE OXYGEN MODULE DOOR (MM 35-21-00/501).

REPLACE ALL ACTIVATED OXYGEN GENERATORS (MM 35-21-04/401).

REPACK THE OXYGEN MASK(S) (MM 35-21-05/201).

RESET THE DOOR LATCH ACTUATOR FOR THE OXYGEN MODULE (MM 35-21-06/401).

CLOSE THE OXYGEN MODULE DOOR (MM 35-21-06/401).

Isolated Passenger Oxygen Mask(s) Deployed Figure 103

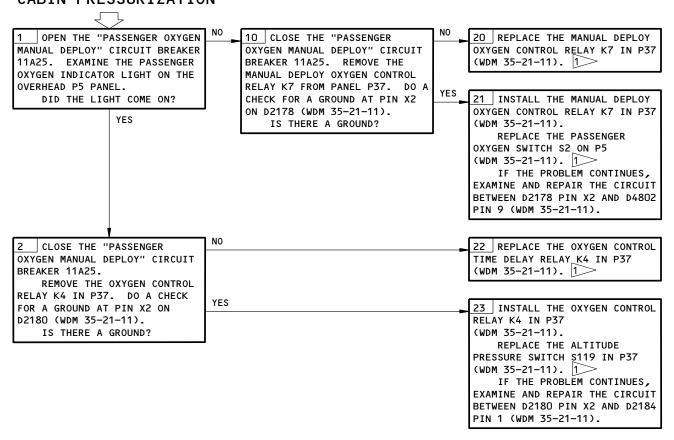
35-21-00

PASSENGER OXYGEN
MASKS DEPLOYED
AUTOMATICALLY
WITHOUT LOSS OF
CABIN PRESSURIZATION

PREREQUISITES

MAKE SURE THESE CIRCUIT BREAKERS ARE CLOSED: 11A21, 11A23, 11A24, 11A25

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



RESET ALL THE OXYGEN MODULE DOOR LATCH ACTUATORS (AMM 35-21-06/401). CLOSE THE OXYGEN MODULE DOORS (AMM 35-21-06/401).

Passenger Oxygen Masks Deployed Automatically Without Loss of Cabin Pressurization Figure 104 (Sheet 1)

GUI 001-099

35-21-00

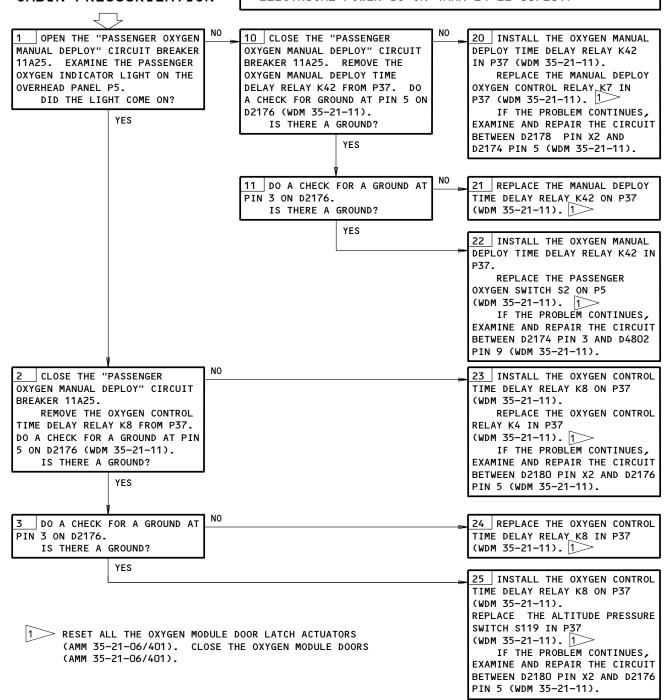


PASSENGER OXYGEN
MASKS DEPLOYED
AUTOMATICALLY
WITHOUT LOSS OF
CABIN PRESSURIZATION

PREREQUISITES

MAKE SURE THESE CIRCUIT BREAKERS ARE CLOSED: 11A21, 11A23, 11A24, 11A25

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



Passenger Oxygen Masks Deployed Automatically Without Loss of Cabin Pressurization Figure 104 (Sheet 2)

GUI 115

35-21-00

03

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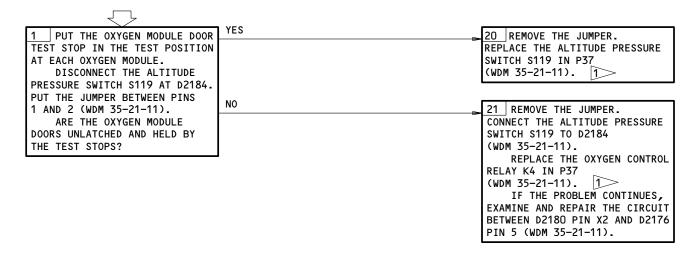
PREREQUISITES

MAKE SURE THESE CIRCUIT BREAKERS ARE CLOSED: 11A21,11A23,11A24,11A25

MAKE SURE THE AIRPLANE IS IN THE CONFIGURATION THAT FOLLOWS:

ELECTRICAL POWER IS ON (MM 24-22-00/201)

PASSENGER OXYGEN MASKS DID NOT DROP AUTOMATICALLY



RESET ALL THE OXYGEN MODULE DOOR LATCH ACTUATORS (MM 35-21-06/401). CLOSE THE OXYGEN MODULE DOORS (MM 35-21-06/401). RETURN THE DOOR TEST STOPS TO THE STOWED POSITION (MM 35-21-00/501).

Passenger Oxygen Masks Did Not Drop Automatically Figure 105 (Sheet 1)

GUI 001-099

35-21-00



PREREQUISITES

MAKE SURE THESE CIRCUIT BREAKERS ARE CLOSED: 11A21,11A23,11A24,11A25

MAKE SURE THE AIRPLANE IS IN THE CONFIGURATION THAT FOLLOWS:

ELECTRICAL POWER IS ON (MM 24-22-00/201)

PASSENGER OXYGEN MASKS DID NOT DROP AUTOMATICALLY

YES PUT THE OXYGEN MODULE DOOR 20 REMOVE THE JUMPER. TEST STOP IN THE TEST POSITION REPLACE THE ALTITUDE PRESSURE AT EACH OXYGEN MODULE. SWITCH S119 IN P37 (WDM 35-21-11). DISCONNECT THE ALTITUDE PRESSURE SWITCH S119 AT D2184. PUT THE JUMPER BETWEEN PINS 1 AND 2 (WDM 35-21-11). ARE THE OXYGEN MODULE DOORS UNLATCHED AND HELD BY THE TEST STOPS? NO YES REMOVE THE JUMPER. 21 REPLACE THE OXYGEN CONTROL CONNECT THE ALTITUDE PRESSURE TIME DELAY RELAY K8 IN P37 SWITCH S119 TO D2184. (WDM 35-21-11). 1 REMOVE THE OXYGEN CONTROL IF THE PROBLEM CONTINUES, TIME DELAY RELAY K8 FROM P37. EXAMINE AND REPAIR THE CIRCUIT PUT THE JUMPER BETWEEN PINS 5 BETWEEN D2176 PIN 3 AND D2184 PIN 1 (WDM 35-21-11). AND 2. ARE THE OXYGEN MODULE DOORS UNLATCHED AND HELD BY THE TEST STOPS? NO 22 REMOVE THE JUMPER. INSTALL THE OXYGEN CONTROL TIME DELAY RELAY K8 IN P37 (WDM 35-21-11).

RESET ALL THE OXYGEN MODULE DOOR LATCH ACTUATORS (MM 35-21-06/401). CLOSE THE OXYGEN MODULE DOORS (MM 35-21-06/401). RETURN THE DOOR TEST STOPS TO THE STOWED POSITION (MM 35-21-00/501).

Passenger Oxygen Masks Did Not Drop Automatically Figure 105 (Sheet 2)

35-21-00

REPLACE THE OXYGEN CONTROL

IF THE PROBLEM CONTINUES, EXAMINE AND REPAIR THE CIRCUIT BETWEEN D2180 PIN X2 AND D2176

RELAY K4 ON P37 (WDM 35-21-11). 1>

PIN 5 (WDM 35-21-11).

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