

## Scandinavian Airlines System

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35-HOW TO 1 2 3 4 5	O USE THE FIM AUG 22/99 AUG 22/99 AUG 22/99 AUG 22/99 AUG 22/99 AUG 22/99	01 01 01 01 01 01						
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35-EICAS 1 2 3 4	MESSAGES NOV 10/90 NOV 10/90 AUG 22/00 BLANK	01 01 01						
35-FAULT 1 2 3 4	CODE DIAGRAM AUG 22/05 DEC 22/99 FEB 01/86 BLANK	05 01 01						
35-FAULT 1 2 3 4	CODE INDEX AUG 22/01 APR 22/99 APR 22/99 BLANK	01 12 08						
35-BITE : 1 2 3 4	INDEX AUG 22/99 AUG 22/99 AUG 22/99 BLANK	01 01 01						
35-11-00 101 102 103 104 105 106	DEC 22/00 NOV 10/95 AUG 22/01 NOV 10/95 AUG 22/01 BLANK	02 01 06 03 01						

R = REVISED, A = ADDED OR D = DELETED F = FOLDOUT PAGE 33 AUG 22/09 D633T633

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# CHAPTER 35 - OXYGEN

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35-CONTENTS

SAS

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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

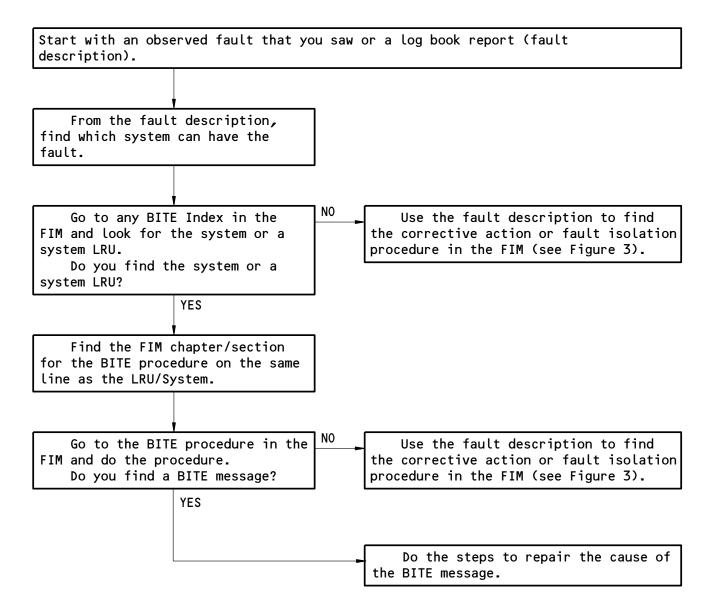
EFFECTIVITY-

# 35-HOW TO USE THE FIM

01

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How to Get Fault Information from BITE Figure 2

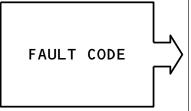
EFFECTIVITY ALL

35-HOW TO USE THE FIM

01

Page 2 Aug 22/99 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

EFFECTIVITY-

# 35-HOW TO USE THE FIM



#### 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

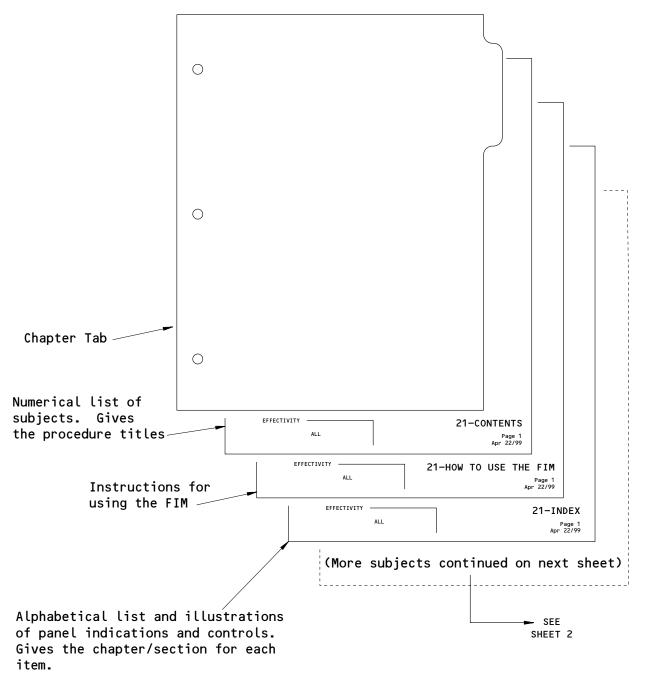
- Start the fault isolation procedure at block 1 unless specified differently.
- Do the check to get an answer to the question in the box. Follow the arrow that applies to your answer. This will go to the next check.
- When you get to a box in the column at the right of the page, you have isolated that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

35-HOW TO USE THE FIM



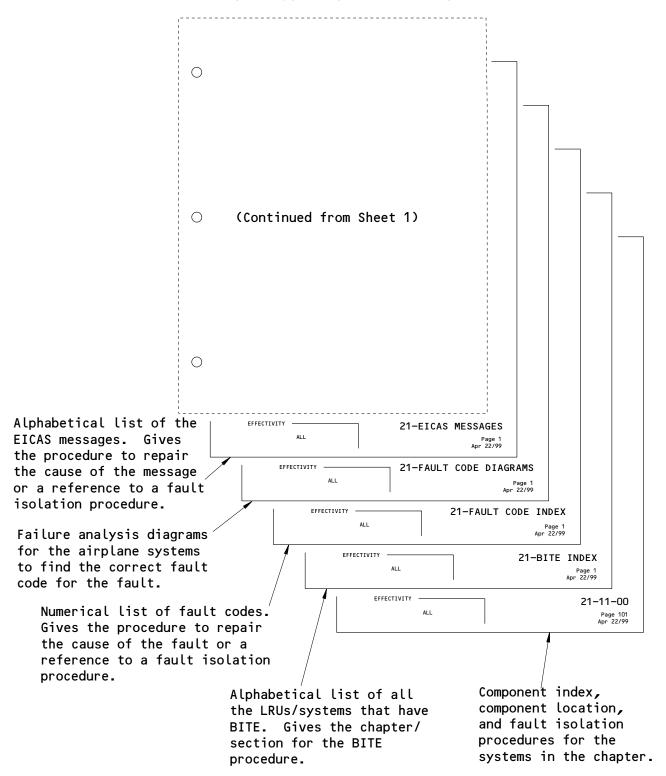


Subjects in Each FIM Chapter Figure 5 (Sheet 1)

ALL

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Subjects in Each FIM Chapter Figure 5 (Sheet 2)

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35-HOW TO USE THE FIM

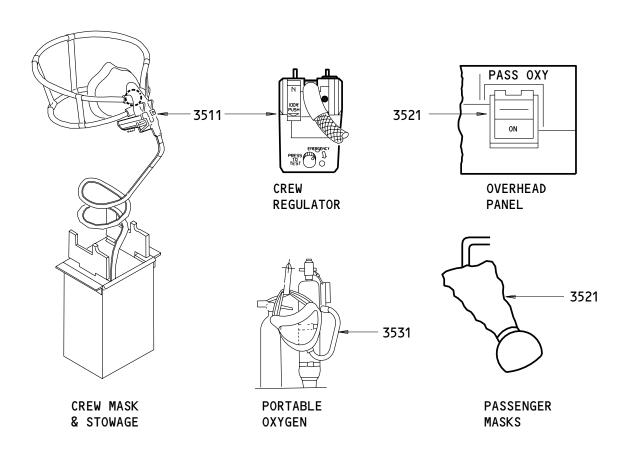
01

ALL

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EICAS MESSAGES	<u>CHAP/SEC</u>
PASS OXYGEN ON	3521



<u>TITLE</u>	CHAP/SEC
CREW OXYGEN MASK	3511
CREW OXYGEN REGULATOR	3511
OXY PRESS (STATUS)	3511
PASSENGER OXYGEN ON LIGHT	3521
PASSENGER OXYGEN MASKS	3521
PORTABLE OXYGEN	3531

# OXYGEN - INDEX

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35-INDEX

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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

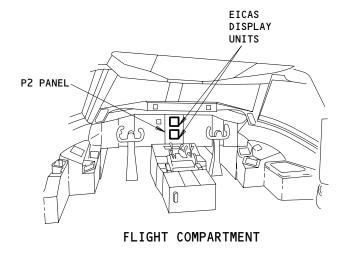
EFFECTIVITY-

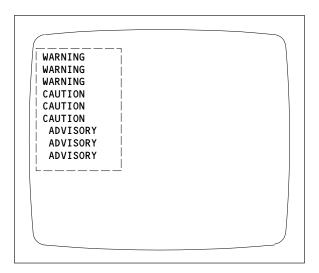
35-EICAS MESSAGES

01

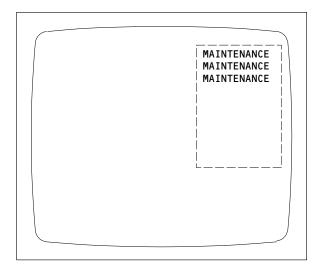


# FAULT ISOLATION/MAINT MANUAL

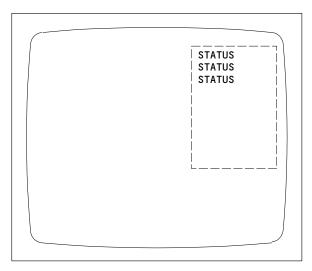




ENGINE PRIMARY PAGE OR COMPACTED PAGE (TOP DISPLAY UNIT)



ECS/MSG PAGE
(BOTTOM DISPLAY UNIT)



STATUS PAGE
(BOTTOM DISPLAY UNIT)

LEVEL	COLOR
A-WARNING	RED
B-CAUTION	YELLOW
C-ADVISORY	YELLOW
S-STATUS	WHITE
M-MAINTENANCE	WHITE

EICAS Message Locations Figure 1

# 35-EICAS MESSAGES

01

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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).  FIM 35-21-00/101, Fig. 104 or FIM 35-21-00/101, Fig. 105.			
LOW CREW OXYGEN	С	Service the crew oxygen cylinder (AMM 12-15-08/301).			

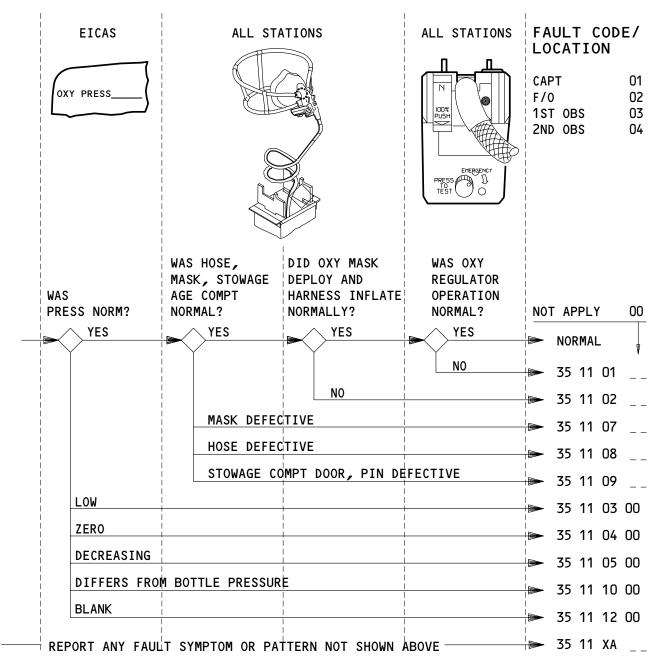
ALL

35-EICAS MESSAGES

01

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APPLICABLE CIRCUIT BREAKERS

11U29 OXYGEN PRESS

CREW OXYGEN - FAULT CODES

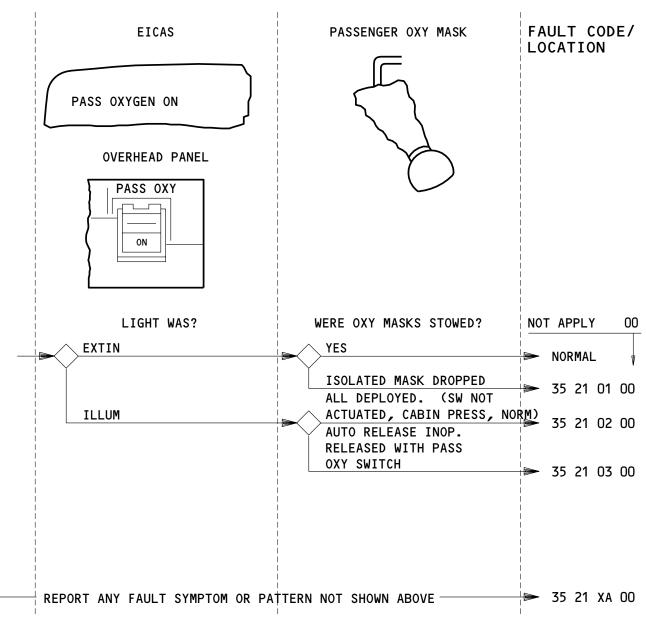
EFFECTIVITY ALL

# 35-FAULT CODE DIAGRAM

05

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### APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11A21	PASSENGER	OXYGEN	L				
11A22	PASSENGER	OXYGEN	С				
11A22	PASSENGER	OXYGEN	СТ	R			
11A23	PASSENGER	OXYGEN	R				
11A24	PASSENGER	OXYGEN	СО	NT			
11A25	PASSENGER	OXYGEN	MA	NUA	L	DEPL	YC

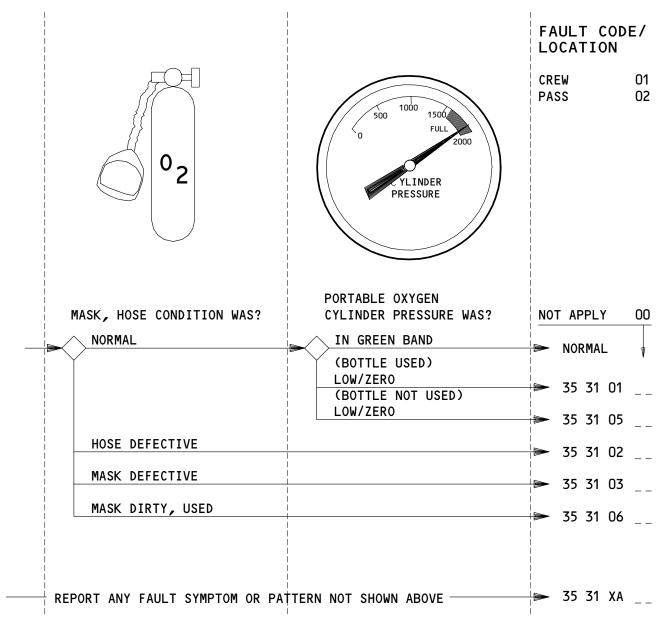
## PASSENGER OXYGEN - FAULT CODES

35-FAULT CODE DIAGRAM

01

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APPLICABLE CIRCUIT BREAKERS

NONE

37514

PORTABLE OXYGEN - FAULT CODES

ALL

# 35-FAULT CODE DIAGRAM

01

Page 3 Feb 01/86

FAULT CODE	1. LOG BOOK REPORT 2. FAULT ISOLATION REFERENCE
35 11 XA	<ol> <li>(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. (Ref Fault Code Diagrams for flight crew actions).</li> <li>SSM 35-11-01</li> </ol>
35 21 XA 00	<ol> <li>Passenger oxygen problem was encountered by the flight crew which is not covered in the fault code diagrams. (Ref Fault Code Diagrams for flight crew actions).</li> <li>SSM 35-21-01</li> </ol>
35 31 XA	<ol> <li>Portable oxygen problem was encountered by the flight crew which is not covered in the fault code diagrams. (Ref Fault Code Diagram for flight crew actions).</li> <li>Replace the hose, the mask, or the cylinder if it is necessary.</li> </ol>
35 11 01	<ol> <li>(01=CAPT, 02=F/0, 03=1ST OBS, 04=2ND OBS) abnormal oxy regulator operation (difficult to exhale, no pressure breathing available, leaking).</li> <li>Replace the oxygen mask/regulator (AMM 35-11-51/401).</li> </ol>
35 11 02	<ol> <li>(01=CAPT, 02=F/0, 03=1ST OBS, 04=2ND OBS) oxy mask (difficult to release from stowage, harness fails to inflate, harness leaking, harness fails to deflate).</li> <li>Replace the oxygen mask/regulator (AMM 35-11-51/401).</li> </ol>
35 11 03 00	<ol> <li>Crew oxygen pressure low. OXY PRESS EICAS msg LOW CREW OXYGEN (was/was not) displayed.</li> <li>FIM 35-11-00/101, Fig. 103, Block 1</li> </ol>
35 11 04 00	<ol> <li>Crew oxygen pressure zero. EICAS msg LOW CREW OXYGEN displayed.</li> <li>FIM 35-11-00/101, Fig. 103, Block 1</li> </ol>
35 11 05 00	<ol> <li>Crew oxygen pressure decreasing. OXY PRESS EICAS msg LOW CREW OXYGEN (was/was not) displayed.</li> <li>FIM 35-11-00/101, Fig. 103, Block 1</li> </ol>

# 35-FAULT CODE INDEX

01

		1. LOG BOOK REPORT 2. FAULT ISOLATION REFERENCE
35	11 06 00	Not Used.
35	11 07	<ol> <li>(01=CAPT, 02=F/0, 03=1ST OBS, 04=2ND OBS) oxy mask defective. (describe)</li> <li>Repair or replace the oxygen mask (AMM 35-11-51/401).</li> </ol>
35	11 08	<ol> <li>(01=CAPT, 02=F/0, 03=1ST OBS, 04=2ND OBS) oxy mask hose defective. (describe)</li> <li>Repair or replace the oxygen mask hose (AMM 35-11-51/401).</li> </ol>
35	11 09	<ol> <li>(01=CAPT, 02=F/0, 03=1ST OBS, 04=2ND OBS) oxy mask panel (door, pin, etc) defective. (describe)</li> <li>Adjust, repair, or replace the oxygen mask panel (door, pin, etc) (AMM 35-11-51/401).</li> </ol>
35	11 10 00	<ol> <li>EICAS OXY PRESS differs from bottle press. EICAS OXY PRESS psi. Bottle press psi.</li> <li>Open and then close this circuit breaker:</li> </ol>
		11U29, OXYGEN PRESS
		If the problem continues, replace the oxygen cylinder (AMM 12-15-08/301). If the problem continues, replace the pressure transducer (AMM 35-11-04/401).
35	11 11 00	Not Used.
35	11 12 00	<ol> <li>Crew OXY PRESS indication blank. EICAS msg LOW CREW OXYGEN did not display.</li> <li>Open and then close this circuit breaker:</li> </ol>
		11U29, OXYGEN PRESS
		If the problem continues, examine and repair the circuit between connector D752, pin B, of the oxygen pressure transducer, TS120 and the connector D6216P, pin B15, of the EICAS rack, E8 (WDM 35-11-13).

# 35-FAULT CODE INDEX

FAULT CODE	1. LOG BOOK REPORT 2. FAULT ISOLATION REFERENCE
35 21 01 00	1. Mask(s) dropped. (Specify location or seat number). 2. FIM 35-21-00/101, Fig. 103, Block 1
35 21 02 00	<ol> <li>EICAS msg: PASS OXYGEN ON displayed, passenger oxygen ON light illuminated and all masks deployed automatically. Switch not actuated, cabin pressurization was normal.</li> <li>FIM 35-21-00/101, Fig. 105, Block 1</li> </ol>
35 21 03 00	<ol> <li>EICAS message: PASS OXYGEN ON displayed, passenger oxy ON light illuminated, masks failed to drop automatically. Masks dropped after actuation of PASS OXY switch.</li> <li>FIM 35-21-00/101, Fig. 104, Block 1</li> </ol>
35 31 01	<ol> <li>(01=CREW, 02=PASSENGER) Portable oxygen cylinder pressure is (low, zero) (specify location). Bottle was used.</li> <li>Replace or fill the portable oxygen cylinder.</li> </ol>
35 31 02	<ol> <li>(01=CREW, 02=PASSENGER) Portable oxygen cylinder hose is defective (specify location).</li> <li>Replace the hose and mask assembly.</li> </ol>
35 31 03	<ol> <li>(O1=CREW, O2=PASSENGER) Portable oxygen cylinder mask is defective (specify location).</li> <li>Replace the hose and mask assembly.</li> </ol>
35 31 04	Not Used.
35 31 05	<ol> <li>(01=CREW, 02=PASSENGER) Portable oxygen cylinder press is (low,zero) (specify location) Bottle not used.</li> <li>Replace the portable oxygen cylinder.</li> </ol>
35 31 06	<ol> <li>(01=CREW, 02=PASSENGER) Portable oxygen cylinder mask is (dirty, used).</li> <li>Replace the hose and mask assembly.</li> </ol>

# 35-FAULT CODE INDEX

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## **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>	FIM Reference
ACARS Management Unit		23-22
Air Data Computer	ADC	34-12
Air Data Inertial Reference Unit	ADIRU	34-26
Air Supply Control and Test Unit	ASCTU	36-20
Air Traffic Control Transponder	ATC	34-53
Airborne Vibration Monitor Signal Conditioner	AVM	77–31
Antiskid/Autobrake Control Unit	AACU	32-42
APU Fire Detection System		26-15
Automatic Direction Finder Receiver	ADF	34-57
APU Control Unit (or Electronic Control Unit)	ECU	49-11
Autopilot/Flight Director	AFDS	22-00
Auxiliary Zone Temperature Controller	AZTC	2160/21-61
Brake Temperature Monitor Unit	BTMU	32-46
Bus Power Control Unit	BPCU	24-20
Cabin Pressure Controller	CPC	21-30/21-31
Cabin Temperature Controller	СТС	21-61
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 Control Unit	ECU	49-11
Electronic Engine Control Monitor Unit (Non-FADEC Engines)	EECM	71-EECM Message Index
Electronic Flight Instrument System	EFIS	34-22

Bite Index Figure 1 (Sheet 1)

EFFECTIVITY-

35-BITE INDEX



LRU/System Name	<u>Acronym</u>	FIM Reference
Engine Fire/Overheat Detection System		26-11
Engine Indication and Crew Alerting System Computer	EICAS	31-41
Enhanced Ground Proximity Warning Computer	EGPWC	34-46
Equipment Cooling Systen Controller		21-58
Equipment Cooling Temperature Controller		21-58
Flap/Slat Electronic Unit	FSEU	27-51
Flap/Stabilizer Position Module	FSPM	27-58
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
In-Flight Entertainment Equipment Cooling Card		21-58
Inertial Reference Unit	IRU	34-21
Instrument Comparator Unit	ICU	34-25
Instrument Landing System Receiver	ILS	34-31
Large Format Display System	LFDS	31-63
Lower Cargo Compartment Smoke Detection System		26-16
Maintenance Control Display Panel	MCDP	22-00
Multi-Mode Receiver	MMR	34-31
PA (Passenger Address) Amplifier		23-31
Pack Standby Temperature Controller	PSTC	21-51
Pack Temperature Controller	PTC	21-51
Passenger Entertainment System	PES	23-34
Power Supply Module (Control System Electronics Units)	PSM	27-09
Propulsion Interface and Monitor Unit (FADEC Engines)	PIMU	71-PIMU Message Index
Proximity Switch Electronics Unit	PSEU	32-09

Bite Index Figure 1 (Sheet 2)

EFFECTIVITY-

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ALL

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<u>LRU/System Name</u>	Acronym	FIM Reference
Radio Altimeter Transmitter/Receiver	RA	34-33
Rudder Ratio Changer Module	RRCM	27-09
Satellite Data Unit	SDU	23-25
Spoiler Control Module	SCM	27-09
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
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	ZTC	21-60/21-61

Bite Index Figure 1 (Sheet 3)

EFFECTIVITY-

35-BITE INDEX

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01

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## CREW OXYGEN

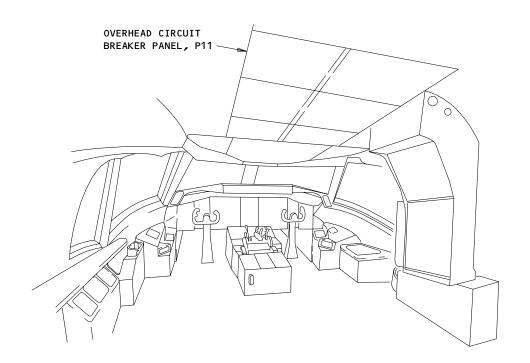
COMPONENT	FIG. 102 SHT	QTY	ACCESS/AREA	AMM REFERENCE
CIRCUIT BREAKER -			FLIGHT COMPARTMENT, P11 PANEL	
OXYGEN PRESSURE, C1320	1	1	11029	*
CYLINDER - OXYGEN	3	1	119AL, RIGHT SIDE OF THE FORWARD MAIN EQUIP CTR	35-11-00
INDICATOR - OXYGEN PRESSURE	3	1	119AL, RIGHT SIDE OF THE FORWARD MAIN EQUIP CTR	35-11-00
MASK/REGULATOR - OXYGEN	2	4	FLIGHT COMPARTMENT	35-11-00
REGULATOR - OXYGEN PRESSURE	3	1	119AL, RIGHT SIDE OF THE FORWARD MAIN EQUIP CTR	35-11-03
TRANSDUCER - OXYGEN PRESSURE, TS120	3	1	119AL, RIGHT SIDE OF THE FORWARD MAIN EQUIP CTR	35-11-03

<sup>\*</sup> SEE THE WDM EQUIPMENT LIST

Crew Oxygen - Component Index Figure 101

35-11-00





FLIGHT COMPARTMENT

Crew Oxygen - Component Location Figure 102 (Sheet 1)

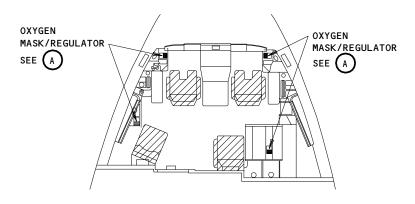
EFFECTIVITY-ALL

35-11-00

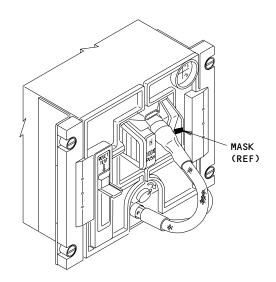
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FLIGHT COMPARTMENT (EXAMPLE)





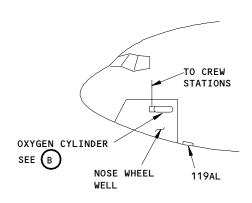
Crew Oxygen - Component Location Figure 102 (Sheet 2)

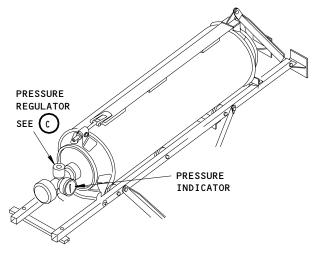
35-11-00

06

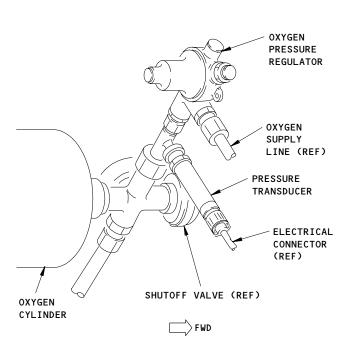
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**OXYGEN CYLINDER** 



# PRESSURE REGULATOR

Crew Oxygen - Component Location Figure 102 (Sheet 3)

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35-11-00

03

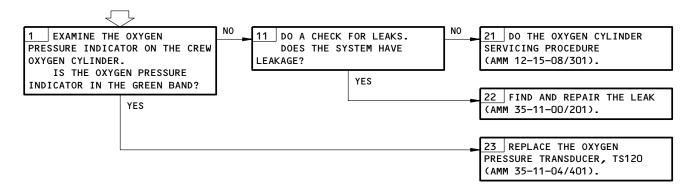
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PREREQUISITES NONE

OXYGEN PRESSURE INDICATION IS ABNORMAL



Oxygen Pressure Indication is Abnormal Figure 103

ALL

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#### **PASSENGER OXYGEN**

COMPONENT	FIG. 102 SHT	QTY	ACCESS/AREA	AMM REFERENCE
ACTUATOR - DOOR LATCH IN THE OXYGEN MODULE CIRCUIT BREAKERS PASSENGER OXYGEN C, C1324 PASSENGER OXYGEN CONT, C1323 PASSENGER OXYGEN L, C1321	2	1 1 1 1	EACH OXYGEN MODULE FLT COMPT, P11 11A22 11A24 11A21	* * *
PASSENGER OXYGEN MANUAL DEPLOY, C1325 PASSENGER OXYGEN R, C1322 GENERATOR - OXYGEN LIGHT/SWITCH - PASSENGER OXYGEN ON, S2	2 1	1 1 1 1	11A25 11A23 EACH OXYGEN MODULE P5, CONT PANEL FOR EMER LIGHTS IN THE FLT DECK	* * 35-21-04 35-21-00
MASK - OXYGEN	2	2>>	EACH OXYGEN MODULE	4
MODULE - OXYGEN  PANEL - (FIM 33-51-00/101)  EMERGENCY LIGHTS CONT, M43  RELAYS - (FIM 31-01-19/101)  MANUAL DEPLOY OXY CONT, K7  OXY CONT, K4  OXY CONT MANUAL DEPLOY TIME DELAY, K466  OXY CONT TIME DELAY, K455  OXY DEPLOYED IND, K8  OXY MANUAL DEPLOYED IND, K42	2	3>	PASSENGER CABIN, PSU RAIL LAVATORY, LOWERED CEILING, ATTENDANT SEAT, FLIGHT CREW REST P19, ABOVE CABIN CEILING	4
SWITCH - ALTITUDE PRESSURE, S119	1	1	SIDE OF P19 PANEL, ABOVE CABIN CEILING	35-21-00

<sup>\*</sup> SEE THE WDM EQUIPMENT LIST

1 1 OR 2

2 MASK QUANTITIES VARY BY LOCATION

3 VARIABLE BY AIRPLANE

4 SEE AMM 35-21-10 FOR AFT CEILING MOUNTED ATTENDANT OXYGEN MODULE;

AMM 35-21-11 FOR WALL MOUNTED ATTENDANT OXYGEN MODULE;

AMM 35-21-12 FOR FORWARD/MID CEILING MOUNTED ATTENDANT OXYGEN MODULE;

AMM 35-21-13 FOR LAVATORY OXYGEN MODULE;

AMM 35-21-15 FOR CENTER PASSENGER OXYGEN MODULE;

AMM 35-21-16 FOR FLIGHT CREW REST OXYGEN MODULE.

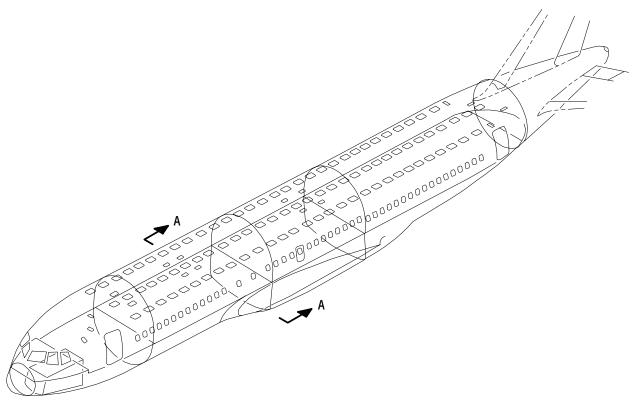
Passenger Oxygen - Component Index Figure 101

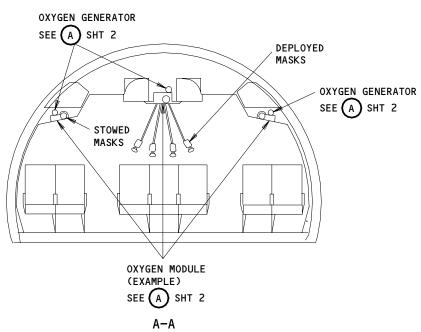
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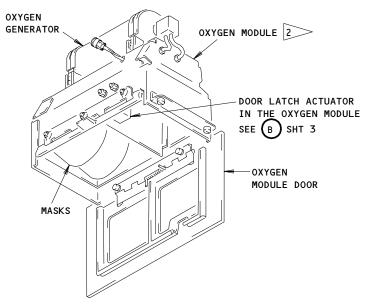


Passenger Oxygen - Component Location Figure 102 (Sheet 1)

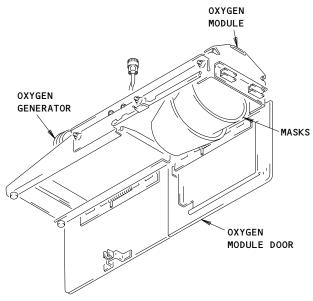
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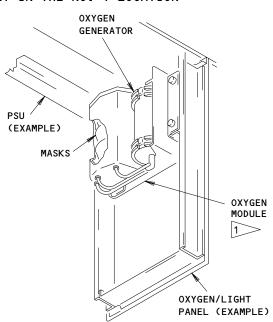




#### OXYGEN MODULE FOR THE FLIGHT ATTENDANT IN THE NO. 1 LOCATION



OXYGEN MODULE FOR THE FLIGHT ATTENDANT IN THE NO. 2 LOCATION OR IN THE CREW REST IN THE FLIGHT COMPARTMENT



PASSENGER OXYGEN MODULE

THE OXYGEN MODULE FOR THE OUTBOARD AND THE FWD/AFT CREW REST IS SHOWN - THE CENTER OXYGEN MODULE IS EQUIVALENT

THE OXYGEN MODULE FOR THE FLIGHT ATTENDANT IN THE NO. 1 LOCATION IS SHOWN - THE LAVATORY AND VIDEO OXYGEN MODULES ARE EQUIVALENT

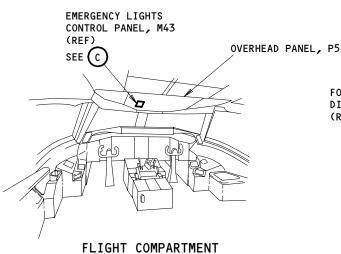
Passenger Oxygen - Component Location Figure 102 (Sheet 2)

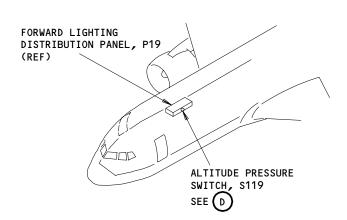
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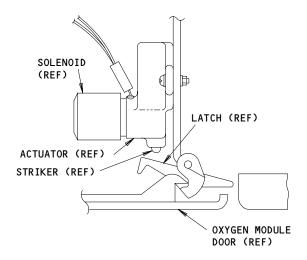
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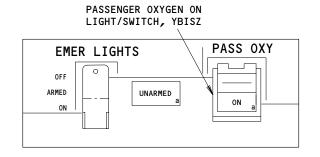
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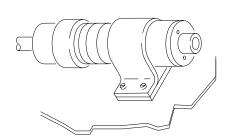


EFIERGENCI LIGHIS CO

EMERGENCY LIGHTS CONTROL PANEL, M43 (REF)



DOOR LATCH ACTUATOR FOR THE OXYGEN MODULE



ALTITUDE PRESSURE SWITCH, S119



Passenger Oxygen - Component Location Figure 102 (Sheet 3)

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ISOLATED PASSENGER OXYGEN MASK(S) DEPLOYED

PREREQUISITES	
NONE	



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

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

REPACK THE OXYGEN MASK(S).

RESET THE DOOR LATCH ACTUATOR IN THE OXYGEN MODULE.

CLOSE THE OXYGEN MODULE DOOR.

Isolated Passenger Oxygen Mask(s) Deployed Figure 103

ALL

35-21-00

### **PREREQUISITES**

MAKE SURE THESE CIRCUIT BREAKERS ARE OPEN AND ATTACH DO-NOT-CLOSE TAGS: 11A21,11A22,11A23,11A24,11A25

MAKE SURE THE AIRPLANE IS IN THE CONFIGURATION THAT FOLLOWS:

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

#### **EQUIPMENT:**

OXYGEN DOOR RETAINER FOR THE PSU'S (OPTIONAL) A35002-1

CONSUMABLE MATERIALS: MASKING TAPE

PASSENGER OXYGEN
MASKS DID NOT DROP
AUTOMATICALLY

YES 1 INSTALL THE RETAINERS OR 21 REMOVE THE JUMPER AND MASKING TAPE AT EACH OXYGEN REPLACE THE ALTITUDE PRESSURE MODUL F SWITCH, S119 (WDM 35-21-11). DISCONNECT THE ALTITUDE PRESSSURE SWITCH, S119, AT D964 AND PUT A JUMPER BETWEEN PINS 1 AND 2 (WDM 35-21-11). ARE THE OXYGEN MODULE DOORS UNLATCHED AND HELD BY THE RETAINERS OR MASKING TAPE? NO YFS 2 REMOVE THE JUMPER AND CON-22 REPLACE THE TIME DELAY NECT THE ALTITUDE PRESSURE RELAY, K455, FOR THE OXYGEN SWITCH, S119, TO D964. CONTROL ON THE P19 PANEL REMOVE THE TIME DELAY (WDM 35-21-11). 1>> IF THE PROBLEM CONTINUES, RELAY, K455, FOR THE OXYGEN CONTROL FROM THE PANEL P19. EXAMINE AND REPAIR THE CIRCUIT PUT A JUMPER BETWEEN PINS 5 BETWEEN D964, PIN 1 AND D140, PIN 3 (WDM 35-21-11). AND 2. ARE THE OXYGEN MODULE DOORS UNLATCHED AND HELD BY THE RETAINERS OR MASKING TAPE? NO 23 REMOVE THE JUMPER AND

INSTALL THE TIME DELAY RELAY K455, FOR THE OXYGEN CONTROL ON THE PANEL P19 (WDM 35-21-11).

REPLACE THE OXYGEN CONTROL RELAY K4 IN P19 (WDM 35-21-11).

IF THE PROBLEM CONTINUES, EXAMINE AND REPAIR THE CIRCUIT D138, PIN X2 AND D140, PIN 5

(WDM 35-21-11).

RESET ALL THE DOOR LATCH ACTUATORS IN THE OXYGEN MODULE (MM 35-21-06/401). CLOSE THE OXYGEN MODULE DOORS (MM 35-21-06/401). REMOVE THE RETAINERS OR MASKING TAPE FROM THE OXYGEN MODULES.

Passenger Oxygen Masks Did Not Drop Automatically Figure 104

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### **PREREQUISITES**

MAKE SURE THESE CIRCUIT BREAKERS ARE OPEN AND ATTACH DO-NOT-CLOSE TAGS:

11A21,11A22,11A23,11A24,11A25

MAKE SURE THE AIRPLANE IS IN THE CONFIGURATION THAT FOLLOWS:

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

PASSENGER OXYGEN
MASKS DEPLOYED
AUTOMATICALLY WITHOUT CABIN DEPRESSURIZATION

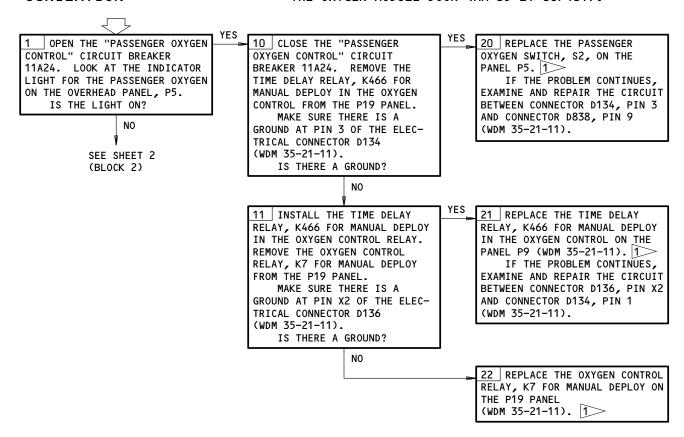
REPLACE THE ACTIVATED OXYGEN GENERATORS

(MM 35-21-04/401). REPACK THE OXYGEN MASKS

(MM 35-21-05/201). RESET THE DOOR LATCH ACTUATOR

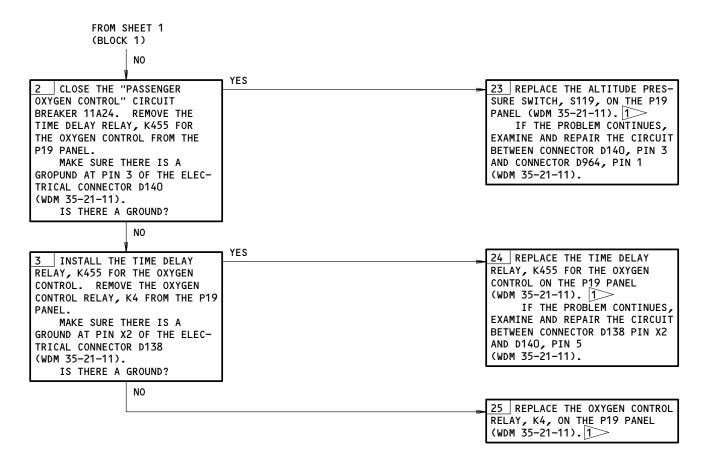
IN THE OXYGEN MODULE (MM 35-21-06/401). CLOSE

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



Passenger Oxygen Masks Deployed Automatically without Cabin Depressurization Figure 105 (Sheet 1)

35-21-00



Passenger Oxygen Masks Deployed Automatically without Cabin Depressurization Figure 105 (Sheet 2)