

ATA AIRLINES, INC.

ALTITUDE PRESSURE SWITCH

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CHECK BEING PERFORMED: Custom

ZONES: 120
A/C NUMBER:
REV. DATE: 11/09/00
FREQUENCY: 4C

W/C NUMBER: 220A3501 DATE:
W/O:
JAC CODE:

VACUUM SOURCE 1-20 PSI

1 EA

PANELS

119BL

REFERENCES

1-2

MECH INSP

CHECK SWITCH SETTING OF ALITUDE PRESSURE SWITCH AND PERFORM
CIRCUIT VERIFICATION.

1 Altitude Pressure Switch Test (Fig. 2).

A Equipment

1 Vacuum Source - 0-20 inches of Hg capacity (absolute).

B References

1 24-22-00/201, Electrical Power - Control

C Access

1 Location Zones

200 Upper Half of the Fuselage

140 Forward Cargo Compartment

D Procedure - Prepare the Airplane for the Check of Altitude
Pressure Switch

_____ XXXXX 1 Connect the vacuum source to the port of the altitude
pressure switch, S119, on the P37 panel in the forward
cargo compartment (Fig. 2).

_____ XXXXX 2 Supply electrical power (Ref 24-22-00).

_____ XXXXX 3 Put the oxygen module door test stops at each oxygen
module in the test position (Fig. 1).

_____ XXXXX 4 Make sure the six EICAS circuit breakers on the overhead
circuit breaker panel, P11, are closed.

REVISION DATE: 11/09/00

ATA AIRLINES, INC. B757 FLEET

W/C #: 220A3501

DATE WORK CARD COMPLETE ___/___/___

ALTITUDE PRESSURE SWITCH

A/C NUMBER:

CHECK BEING PERFORMED: Cust

W/C NUMBER: 220A3501 (continued)

MECH: INSP:

_____ XXXXX 5 Make sure these circuit breakers on the overhead circuit breaker panel, P11, are closed:

a 11A21, PASSENGER OXYGEN L

b 11A23, PASSENGER OXYGEN R

c 11A32, INDICATOR LIGHTS 1

_____ XXXXX 6 Push the STATUS button on the pilot's display select panel.

_____ XXXXX 7 Make sure these circuit breakers on the overhead circuit breaker panel, P11, are closed:

a 11A24, PASSENGER OXYGEN CONT

b 11A25, PASSENGER OXYGEN DEPLOY

E Procedure - Do the check of the altitude pressure switch

_____ XXXXX 1 Make sure that the vacuum source is connected to the port on the altitude pressure switch, S119 (Fig. 2).

NOTE: If you decrease the pressure on the altitude pressure switch to 17.3 - 17.8 inches Hg absolute (13,650 to 14,350 feet altitude), all the oxygen module doors must release and touch the door test stops.

_____ XXXXX 2 Slowly decrease the pressure on the altitude pressure switch until the oxygen module doors release and touch the door test stops.

_____ XXXXX 3 Make sure all the passenger oxygen module doors open between 17.3 and 17.8 inches Hg absolute (13,650 to 14,350 feet altitude).

_____ XXXXX 4 Make sure the PASS OXY amber switch-light ON light comes on.

_____ XXXXX 5 Make sure the message PASS OXY is shown on the EICAS.

ALTITUDE PRESSURE SWITCH

A/C NUMBER:

CHECK BEING PERFORMED: Cust

W/C NUMBER: 220A3501 (continued)

MECH: INSP:

- _____ XXXXX 6 Open this P11 panel circuit breaker:
 - a 11A24, PASSENGER OXYGEN CONTROL

- _____ XXXXX 7 Make sure the Pass Oxy amber switch-light is not on.

- _____ XXXXX 8 Make sure the EICAS message, PASS OXY, does not show on the top display.

- _____ XXXXX 9 Close this P11 panel circuit breaker:
 - a 11A24, PASSENGER OYXGEN CONT

- _____ XXXXX 10 Close all the oxygen module doors as follows:
 - a Put all the restraint devices for the oxygen module door in the usual position.

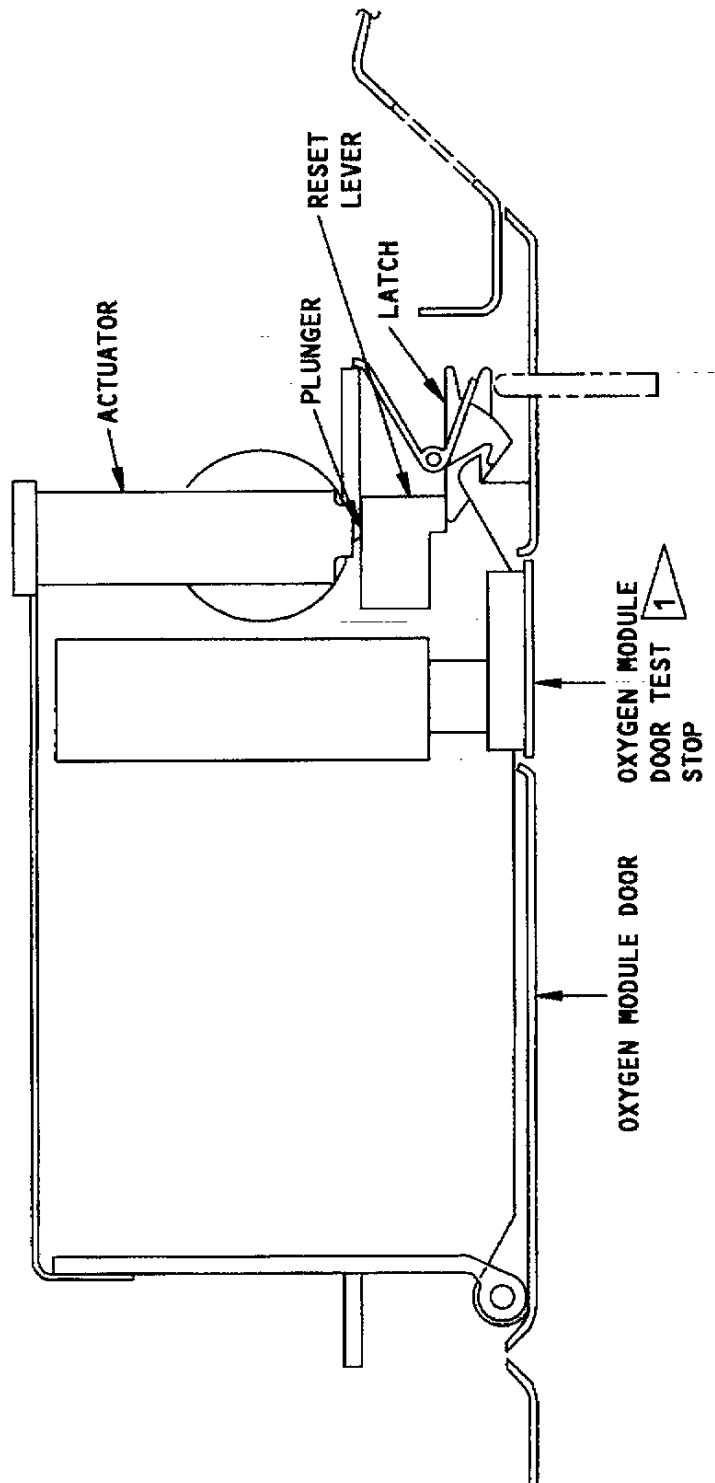
 - b Put all the test stops in the usual position (Fig. 1).

 - F Put the Airplane Back to its Usual Condition

- _____ XXXXX 1 Remove the electrical power (Ref 24-22-00).

- _____ XXXXX 2 Remove the vacuum source from the altitude pressure switch (Fig. 2).

*****END OF WORKCARD*****

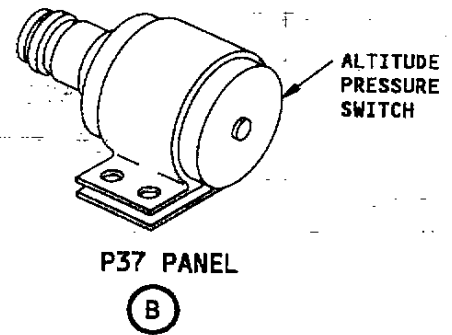
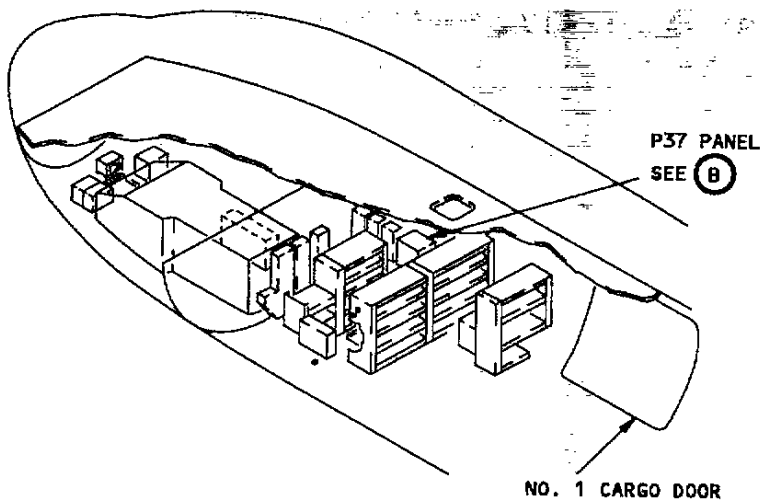
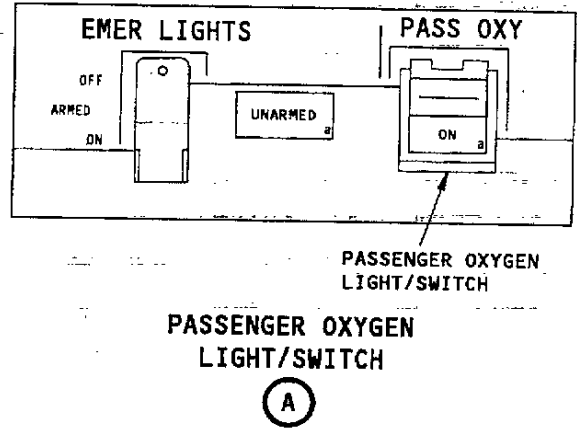
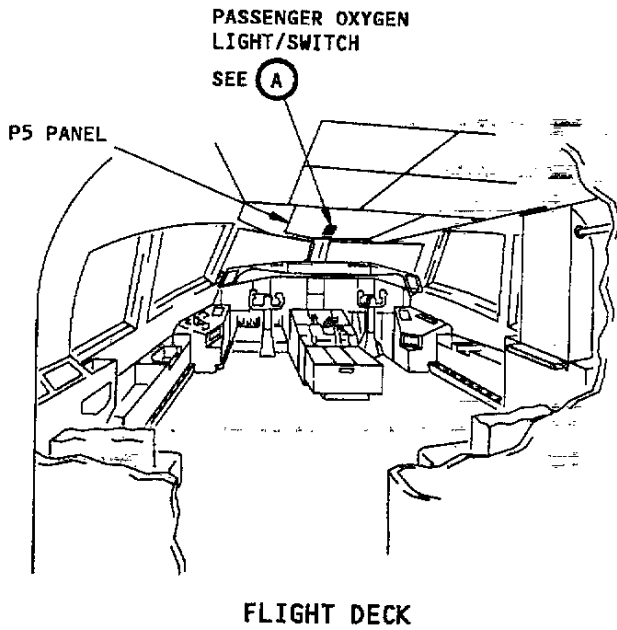


1 TO PUT THE TEST STOP IN THE TEST POSITION,
PULL DOWN AND TURN 90° CLOCKWISE.

TO PUT THE TEST STOP IN THE NORMAL POSITION,
TURN 90° COUNTER CLOCKWISE AND PUSH UP

Oxygen Module Door Restraint Device

220A3501



Passenger Oxygen and Altitude Pressure Switches

PASSENGER
OXYGEN MASKS

FIGURE 2

08/06/1998