

ATA AIRLINES, INC.

CREW OXYGEN MASK/REGULATOR

PAGE 1 / 4

CHECK BEING PERFORMED: Custom

ZONES: 211 212
A/C NUMBER:
REV. DATE: 10/03/01
FREQUENCY: 3A

W/C NUMBER: 221M3501 DATE:
W/O:
JAC CODE:

MECH INSP

OPERATIONALLY CHECK THE CREW OXYGEN MASK/REGULATOR.

1. Operational Test - Crew Oxygen Mask/Regulator.

WARNING: MAKE SURE YOU KNOW THE SAFETY PRECAUTIONS FOR THE GENERAL MAINTENANCE INSTRUCTIONS FOR THE CREW OXYGEN SYSTEM (REF 35-11-00). PRESSURIZED OXYGEN CAN CAUSE INJURY OR DAMAGE IF THE SAFETY PRECAUTIONS ARE NOT OBEYED.

CAUTION: IF FAILURE OF CREW OXYGEN MASK/REGULATOR OPERATIONAL CHECK REQUIRES REPLACEMENT OF THE OXYGEN MASK STOWAGE MODULE, ENSURE THAT THE OXYGEN HOSE IS IN GOOD CONDITION AND THAT THE CONNECTING ELBOW FITTING IS ROTATED SO THAT THE OXYGEN HOSE CLEARS THE SURROUNDING STRUCTURE. (REFERENCE MAB 35-04)

A PROCEDURE

- 1 Read the safety precautions and the general maintenance instructions for the crew oxygen (Ref 35-11-00).
2 Make sure the shutoff valve on the crew oxygen cylinder is open.
3 Supply electrical power (Ref 21-22-00).
4 Push the STATUS button on the EICAS DISPLAY select panel.
5 Do the operational test of the crew oxygen mask /regulator.
(a) Remove the mask/regulator from the storage box.
(b) Hold the mask and push the harness inflation control. Do not release the harness inflation control.
(c) Make sure the flow blinker becomes yellow when the button is pushed and becomes black again,

A/C NUMBER:

CHECK BEING PERFORMED: Cust

W/C NUMBER: 221M3501 (continued)

MECH: INSP:

which shows that the pneumatic harness is free of leaks.

- (d) Release the harness inflation control.
- (e) Lift the mask/regulator unit and put it on your head.
- (f) Breathe through the mask/regulator unit with the regulator turned to dilution.
- (g) Check breathing on the flow blinker.
- (h) Breathe through the mask/regulator unit with the regulator turned to the 100 percent position.
- (i) Check breathing on the flow blinker.
- (j) With the lever in the 100% position, turn the EMERGENCY control knob.
- (k) After a few breaths, cancel the emergency pressure.

XXXXXX

6 Do a test of the oxygen mask microphone.

- (a) Move the lever on the audio select panel to OXY.
- (b) Push the PA or the INT switch on the audio select panel, and listen to the airplane speakers to make sure the mask microphone operates.
- (c) Push the PRESS TO TEST button and the PTT switch on the audio select panel at the same time, and make sure the mask microphone operates.

WARNING: MAKE SURE YOU PUT THE OXYGEN MASK/REGULATOR UNIT INTO THE BOX CORRECTLY. IF THE HARNESS AND THE COILED HOSE BECOME TWISTED, SAFETY PROBLEMS CAN OCCUR DURING THE USE OF THE CREW OXYGEN SYSTEM.

A/C NUMBER:

CHECK BEING PERFORMED: Cust

W/C NUMBER: 221M3501 (continued)

MECH: INSP:

(d) Put the oxygen mask/regulator unit into the box.

- 1) Hold the mask by the regulator and let the harness hang free.
- 2) Make sure the harness is not twisted.
- 3) Make sure the coiled hose is engaged in the clips at the bottom of the container.
- 4) Wind the hose into coils in the bottom of the box. Do not twist or tangle the coils.
- 5) Let the coils expand in the stowage box and push them down carefully with your free hand.
- 6) Use your free hand to hold back harness spacers and push them down on the coiled hose.
- 7) Hold the mask at a forward angle and push it down into the box. Make sure the tab on the front of the mask stops against the horizontal plastic profile inside the box. Make sure the front harness spacers go up on top of the face piece.
- 8) Make sure the harness does not interfere with the ON-OFF valve on the blinker if the lids are closed.
- 9) Put the supply hose at the center on the bottom of the box.
- 10) Push the supply hose in sufficiently so that the disconnects do not touch the face seal.
- 11) Make sure the dilution control is on 100%.
- 12) Make sure the safety pressure button is on NORMAL.

A/C NUMBER:

CHECK BEING PERFORMED: Cust

W/C NUMBER: 221M3501 (continued)

MECH: INSP:

- 13) Close the left lid.
- 14) Operate the RESET control. The flag must go out of view.
- 15) Engage the pin (of the left lid) in the applicable recess in the mask/regulator and close the right lid.

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