

# ATA AIRLINES, INC.

FLIGHT CREW OXYGEN MASK/REGULATOR

PAGE 1 / 5

CHECK BEING PERFORMED: Custom

ZONES: 100 200  
A/C NUMBER:  
REV. DATE: 05/25/06  
FREQUENCY: 4A

W/C NUMBER: 321F3501 DATE:

## PANELS

821

## REFERENCES

FIGURES 1 AND 2, AMM 24-22-00, 35-00-00, 35-12-85, 35-12-00

## MECH INSP

MPD ITEM: 23-080-00, 35-010-00

OPERATIONALLY CHECK EACH FLIGHT CREW OXYGEN MASK/REGULATOR  
(OUT OF THE BOX ASSEMBLY).

1. CREW OXYGEN MASK-REGULATOR TEST (FIG.501)

XXXXX A. Prepare for the Test

(1) To read and obey the safety precautions and general instructions before you do the maintenance, do this task: Safety Precautions (AMM TASK 35-00-00-910-802 p201).

(2) Do this task:Supply Electrical Power  
(AMM TASK 24-22-00-860-811 p201).

(3) Make sure that these circuit breakers are closed:

(a) Circuit Breaker Panel,P6-2:

1) 6D22 AUDIO F/O

2) 6D23 AUDIO CAPT

3) 6D24 AUDIO OBS

(b) Circuit Breaker Panel,P18-3:

1)18F7 OXYGEN IND

(4) Make sure the shutoff valve on the crew oxygen cylinder is open and the crew oxygen supply line is pressurized.

NOTE: The crew oxygen cylinder is behind the bottom center panel on the forward wall of the forward cargo compartment.

(5) Make sure the pressure indicator shows a cylinder

A/C NUMBER:

CHECK BEING PERFORMED: Cust

W/C NUMBER: 321F3501 (continued)

MECH: INSP:

pressure of 150-1900 psig (found on the aft overhead panel).

- (6) Make sure the mask-regulator is connected correctly to the mask stowage box.

B. Mask-Regulator Operational Test

NOTE: Use the following procedures to accomplish this task on each of the four crew oxygen mask-regulators. Document the accomplishment of each respective mask-regulator in the spaces provided here:

- (1) Do this task:Crew Oxygen Stowage Box Test (Mask Stowed in Stowage Box)(AMM TASK 35-12-00-700-801 p501).

- (2) To remove the mask-regulator from the stowage box, do this task: Oxygen Mask Stowage Box Removal (AMM TASK 35-12-85-000-801 p401).

NOTE: Do one mask-regulator at a time. Do the test again for the other flight crew mask-regulators.

- (3) Hold the mask-regulator in your hand.
- (4) Grasp the regulator control knob to remove the mask from the stowage box.

NOTE: When the stowage box doors are opened or the TEST/RESET button is pushed,the regulator is automatically pressurized from an unpressurized state.

- (5) Make sure the "OXY ON"flag indicator comes on.
- (6) Make sure you can hear the flow of oxygen.
- (7) Make sure the flow indicator comes on.
- (8) Grasp the sides of the regulator and red harness inflation button with your thumb and middle finger.
- (9) Push the red harness inflation button with the appropriate fingers.

A/C NUMBER:

CHECK BEING PERFORMED: Cust

W/C NUMBER: 321F3501 (continued)

MECH: INSP:

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(a) Make sure that the harness inflates smoothly.

(10) Release the red harness inflation button.

(a) Make sure that the harness deflates smoothly.

(11) Hold the mask-regulator to your face.

(12) Inhale the oxygen and remove the mask-regulator.

NOTE: Do not exhale into the mask.

(a) Make sure the flow indicator changes to yellow with each inhalation.

(13) Check for breathing quality in each of the three control modes.

(a) Make sure that the mask does not vibrate, chatter, or flutter excessively.

(b) Make sure that flow indicator changes to yellow with each inhalation.

(14) Do the communication test between each of the flight crew stations with the oxygen mask:

(a) Make sure that the oxygen masks' microphone connectors are connected to the interphone jacks at the pilots' stations.

(b) Put the MASK/BOOM switch on the pilots' ACP to the MASK position.

(c) Push and hold the PTT switch on the pilot's control wheel to the MIC position.

(d) Speak into the pilot's oxygen mask microphone.

1) Make sure you can hear the voice clearly from the other headsets.

A/C NUMBER:

CHECK BEING PERFORMED: Cust

W/C NUMBER: 321F3501 (continued)

MECH: INSP:

2) Make sure the voice level from the flight deck speakers does not decrease.

(e) Release the PTT switch on the pilot's control wheel.

(f) Push and hold the (R/T-I/C or RADIO-INT)switch on the pilot's ACPs to the (I/C or INT)position.

(g) Speak into the pilot's oxygen mask microphone.

1) Make sure you can hear the voice clearly from the other headsets.

2) Make sure the voice level from the flight deck speakers does not decrease.

(h) Release the (R/T-I/C or RADIO-INT)switch on the pilot's ACP.

CAUTION: DO NOT KEEP THE REGULATOR CONTROL KNOB IN THE "EMER" POSITION FOR AN EXTENDED TIME, IT CAN DRAIN ALL OF THE OXYGEN SUPPLY FROM THE CREW OXYGEN CYLINDER.

(15) Turn the regulator control knob back to the original position (NORM or 100%)as required by flight operations.

(16) Wipe the mask clean of any oily residue.

(17) Put the mask-regulator assembly back into the mask stowage box.

(18) Do this task:Crew Oxygen Mask Stowage (AMM TASK 35-12-85-910-801 p201).

(19) Accomplish Steps 1.B.(1) through 1.B.(19) for the following crew oxygen mask-regulators.

XXXXX

(a) Captain's Mask-Regulator

XXXXX

(b) First Officer's Mask-Regulator

FLIGHT CREW OXYGEN MASK/REGULATOR

PAGE:5 /5

A/C NUMBER:

CHECK BEING PERFORMED: Cust

W/C NUMBER: 321F3501 (continued)

MECH: INSP:

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|\_\_\_\_ XXXXX (c) First Observer's Mask-Regulator

|\_\_\_\_ XXXXX (d) Second Observer's Mask-Regulator

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

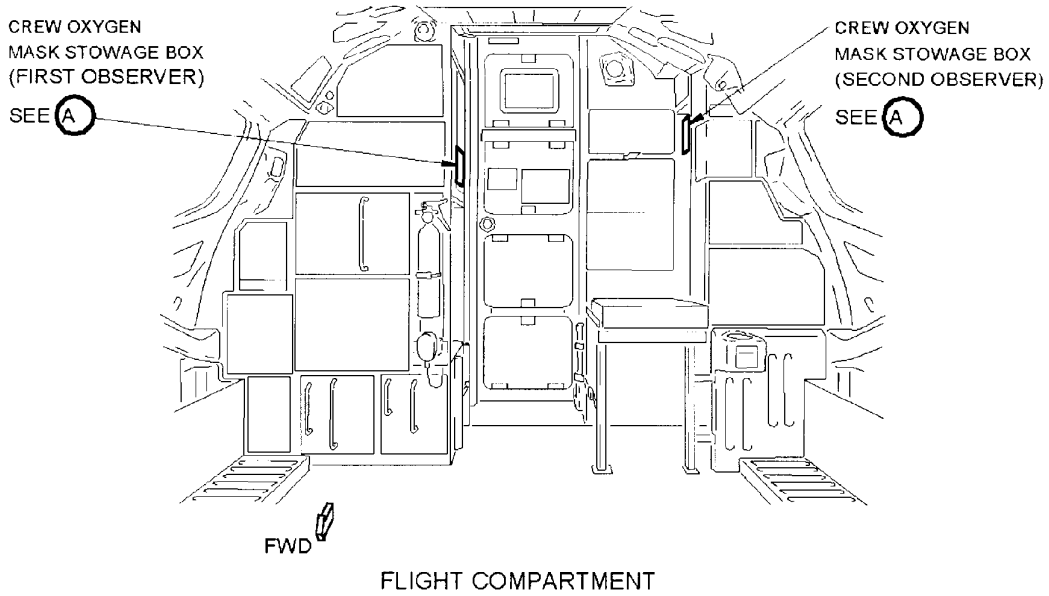
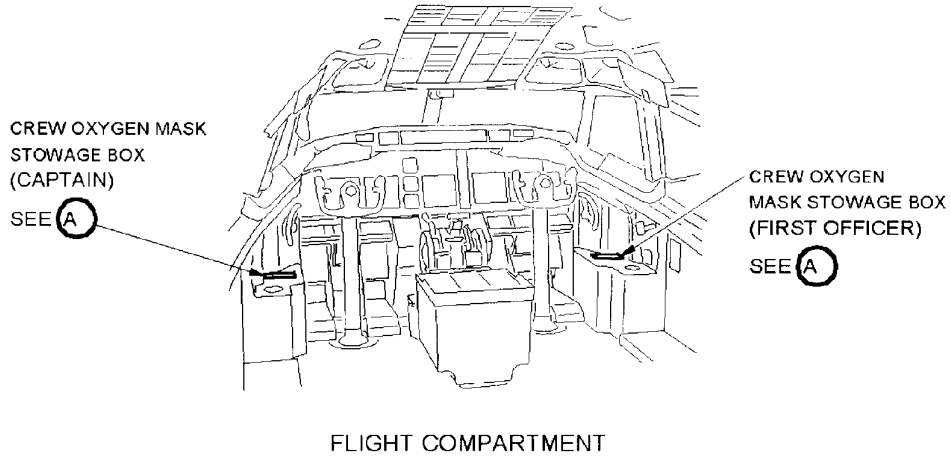
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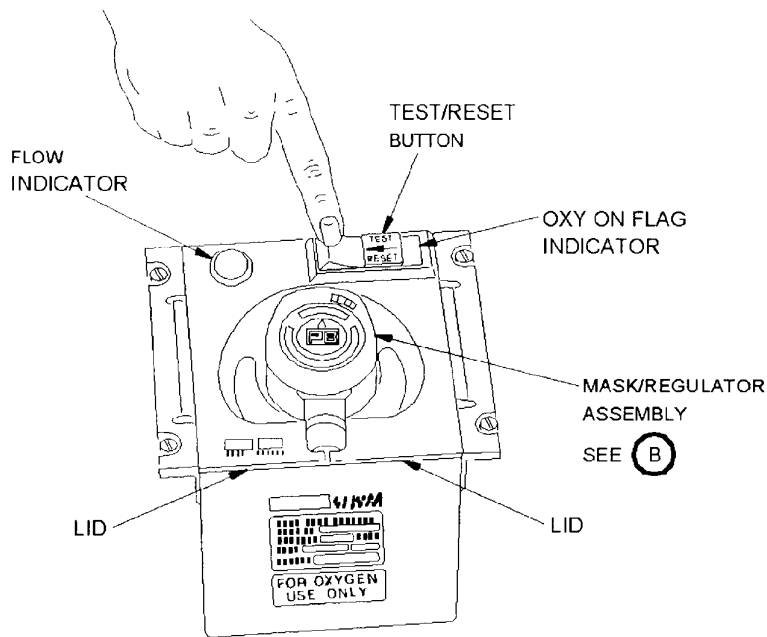
REVISION DATE: 05/25/06

ATA AIRLINES, INC. B737-800 FLEET

W/C #: 321F3501

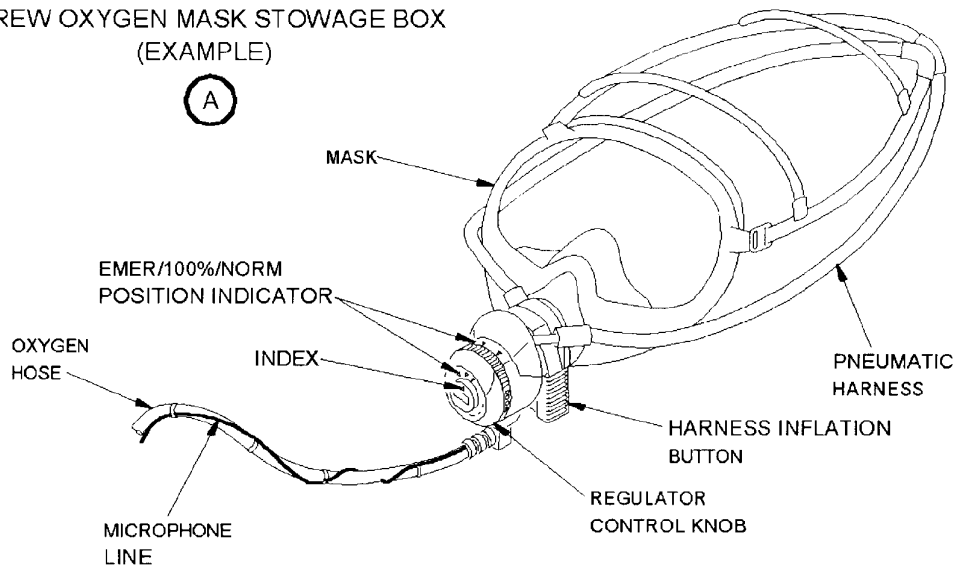
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CREW OXYGEN MASK STORAGE BOX  
(EXAMPLE)

(A)



MASK-REGULATOR ASSEMBLY

(B)