



AIRCRAFT MAINTENANCE MANUAL

PASSENGER OXYGEN MASK - INSPECTION/CHECK

EFFECTIVITY: ACFT MODEL(S) EMB-135

1. General

- A. This section gives the procedure for the inspection of the passenger oxygen-mask assembly.
- B. The procedures in this section are given in the sequence below. The tasks identified with (♦) are part of the Scheduled Maintenance Requirements Document (SMRD).

TASK NUMBER	DESCRIPTION	EFFECTIVITY
35-20-04-200-801-A ♦	PASSENGER OXYGEN MASK ASSEMBLY - INSPECTION	ACFT MODEL(S) EMB-135



EMB145 – EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 35-20-04-200-801-A

EFFECTIVITY: ACFT MODEL(S) EMB-135

2. PASSENGER OXYGEN MASK ASSEMBLY - INSPECTION

A. General

- (1) The function of this inspection is to make sure the condition of the passenger oxygen mask assembly.

B. References

REFERENCE	DESIGNATION
AMM TASK 35-20-04-000-801-A/400	-
AMM TASK 35-20-04-400-801-A/400	-

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Dispensing units installed in the right and left overhead bins, lavatory, and flight attendant station

I. Visually Check Passenger Oxygen Mask ([Figure 601](#)) ([Figure 602](#))

SUBTASK 211-008-B

WARNING: • **DO NOT USE OIL AND OTHER PETROLEUM-BASE LUBRICANTS ON THE OXYGEN EQUIPMENT. THIS COULD CAUSE A DANGEROUS FIRE AND BAD INJURY TO PERSONS.**

• **KEEP ALL SOURCES OF IGNITION (HOT EXHAUST, SPARKS, FLAMES, SMOKING) AWAY FROM THE OXYGEN SERVICING AREA.**

NOTE: Prepare a clean area and work surface before you start the check operation.

- (1) Get access to the passenger oxygen mask assembly (1) through the doors of the oxygen dispensing units doors (9) ([Figure 601](#)).

- (a) Do the inspection/check of the passenger oxygen mask assembly (1) as follows:

- 1 Do a check for mechanical damage such as parts that are torn, broken, frayed, missing or have holes.
- 2 Examine all parts for changes in material properties, such as loss of flexibility, permanent deformation, or kinks.

NOTE:

- Make sure that the supply tubing (8) is correctly installed.
- If you find small tears, replace the oxygen mask assembly (1) AMM TASK 35-20-04-000-801-A/400.

WARNING: ALWAYS BE CAREFUL NOT TO ACCIDENTALLY PULL THE LANYARDS OR PULL-PIN OF A GENERATOR. THE REMOVAL OF THE PULL-PIN FROM THE OXYGEN GENERATOR WILL START THE OXYGEN FLOW AND YOU CANNOT STOP IT UNTIL THE GENERATOR IS EMPTY. THE EXTERNAL SURFACE WILL BECOME SUFFICIENTLY HOT TO BURN YOU.

- 3 Examine the lanyards (2) of the passenger oxygen mask assembly (1) for continuity and retention.
 - 4 FOR AIRCRAFT WITH SNAP HOOK: Strongly pull the lanyards (2) near the snap hook (3) to make sure that the cord clamps are correctly crimped and will not let the lanyards (2) be removed.
 - 5 Make sure that all flapper valves (4) are properly installed, aligned and undamaged.
 - 6 The reservoir bag (7) and supply tubing (8) cannot be discolored.
 - 7 Do a visual check for solid (dirt) or liquid (tacky) contamination of the complete PAX mask, including the internal and external surface of the reservoir bag (7) and supply tubing (8).
 - 8 Make sure that the facepiece (6) is free from odor.
 - 9 Examine the reservoir bag (7) of the passenger oxygen mask assembly (1) for tears. Specially examine the area where the bag is attached to the cone and valve assembly.
 - 10 The head band (5) of the passenger oxygen mask assembly (1) must be clean and white with no signs of rough areas, tears, or too pulled sections. It must also be approved for normal extension and relaxation.
 - 11 Extend the supply tubing (8) straight from the reservoir bag (7) and make sure that the in-line flow indicator is properly oriented with the arrow on the flow indicator pointing to the reservoir bag (7).
- (2) (Aircraft for 16 passengers, [Figure 602](#)). Do the inspection/check of the passenger oxygen-mask assembly (2), as follows:
- (a) Open the door (1) and get access to the passenger oxygen-mask assembly (2).
 - (b) Do a check for mechanical damage such as parts that are torn, broken, frayed, missing or have holes.

- (c) Examine all parts for changes in the material properties, such as loss of flexibility, permanent deformation, or kinks.

WARNING: ALWAYS BE CAREFUL NOT TO ACCIDENTALLY PULL THE LANYARDS OR PULL-PIN OF A SHUTOFF VALVE. THE REMOVAL OF THE PULL-PIN FROM THE SHUTOFF VALVE CAN START THE OXYGEN FLOW.

- (d) Examine the lanyards (8) of the passenger oxygen-mask assembly (2) for continuity and retention.
- (e) Make sure that all flapper valves (9) are properly installed, aligned and undamaged.
- (f) The reservoir bag (5) and supply tubing (4) cannot be discolored.
- (g) Do a visual check for solid (dirt) or liquid (tacky) contamination of the complete PAX mask, including the internal and external surface of the reservoir bag (5) and supply tubing (4).
- (h) Make sure that the facepiece (7) is free from odor.
- (i) Examine the reservoir bag (5) of the passenger oxygen-mask assembly (2) for tears. Specially examine the area where the bag is attached to the cone and valve assembly.
- (j) The head band (6) of the passenger oxygen-mask assembly (2) must be clean and white with no signs of rough areas, tears, or too pulled sections. It must also be approved for normal extension and relaxation.
- (k) The streamer (3) must be clean and with no signs of tears.
- (l) Extend the supply tubing (4) straight from the reservoir bag (5) and make sure that the in-line flow indicator is properly oriented with the arrow on the flow indicator pointing to the reservoir bag (5).

J. Follow-on

SUBTASK 842-008-B

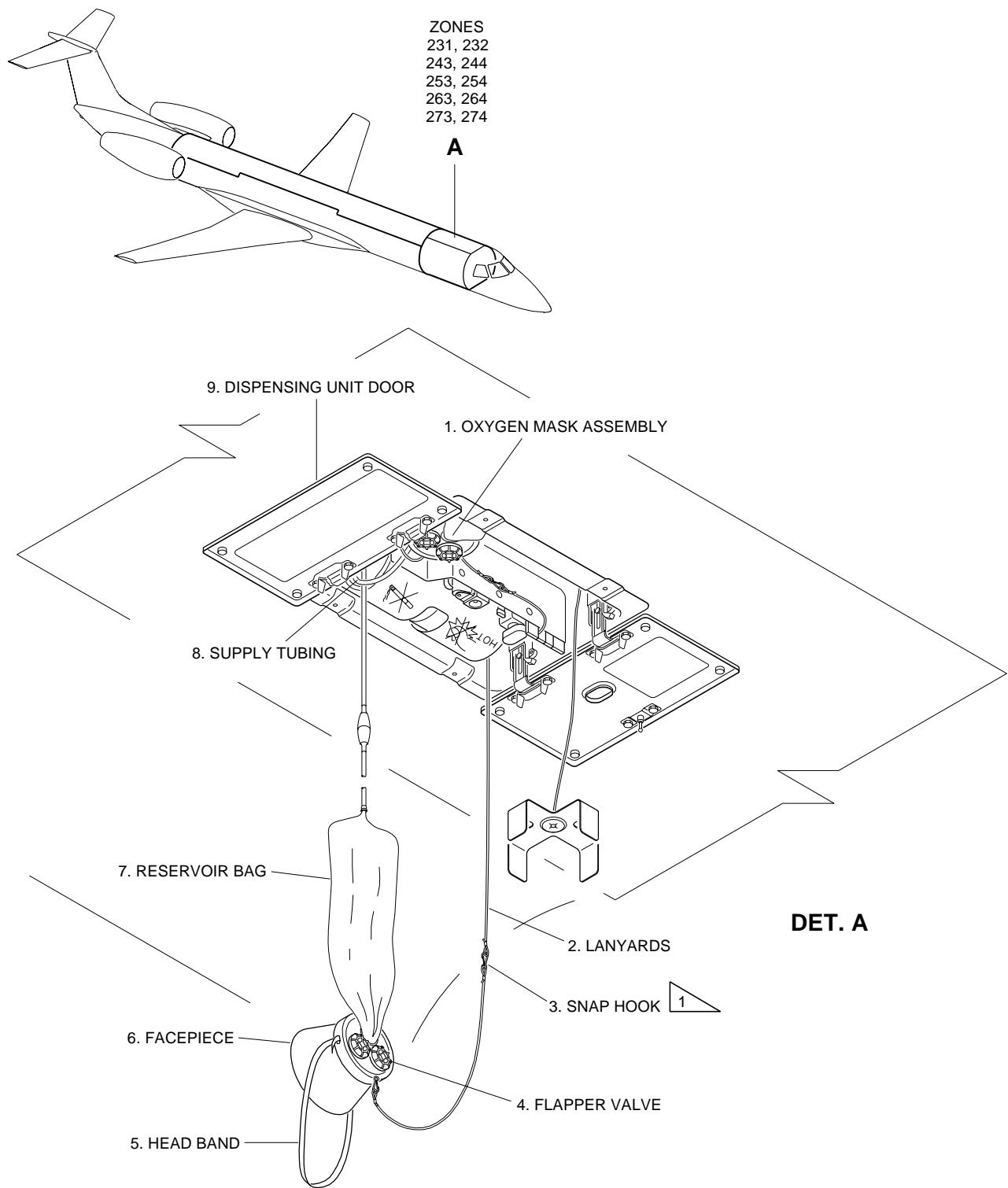
CAUTION: INCORRECT INSTALLATION OF THE PASSENGER-OXYGEN MASK ASSEMBLY CAN CAUSE DAMAGE TO IT.

- (1) Install the passenger-oxygen mask assembly AMM TASK 35-20-04-400-801-A/400.

EFFECTIVITY: ACFT MODEL(S) EMB-135

Passenger Oxygen Mask - Inspection

Figure 601



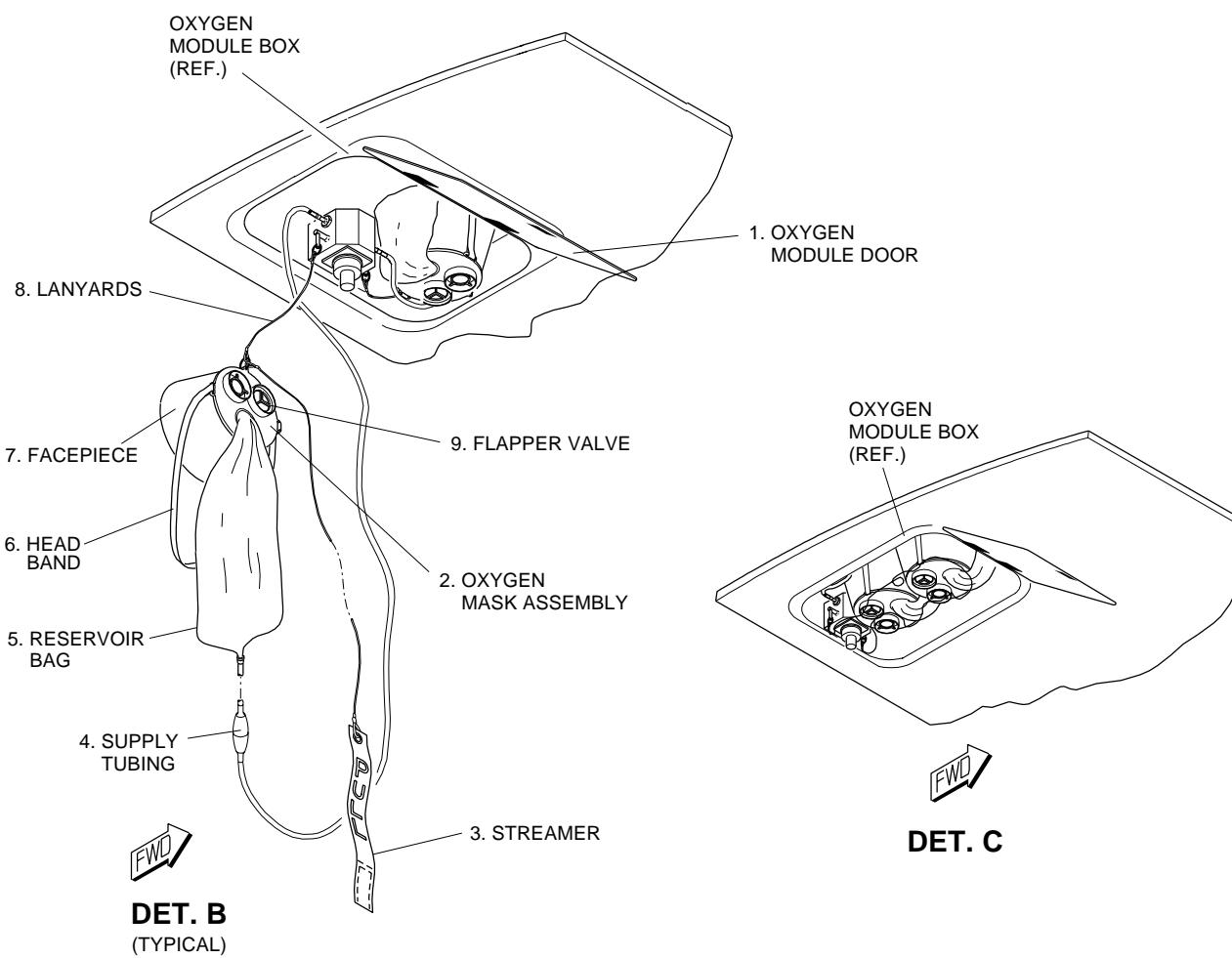
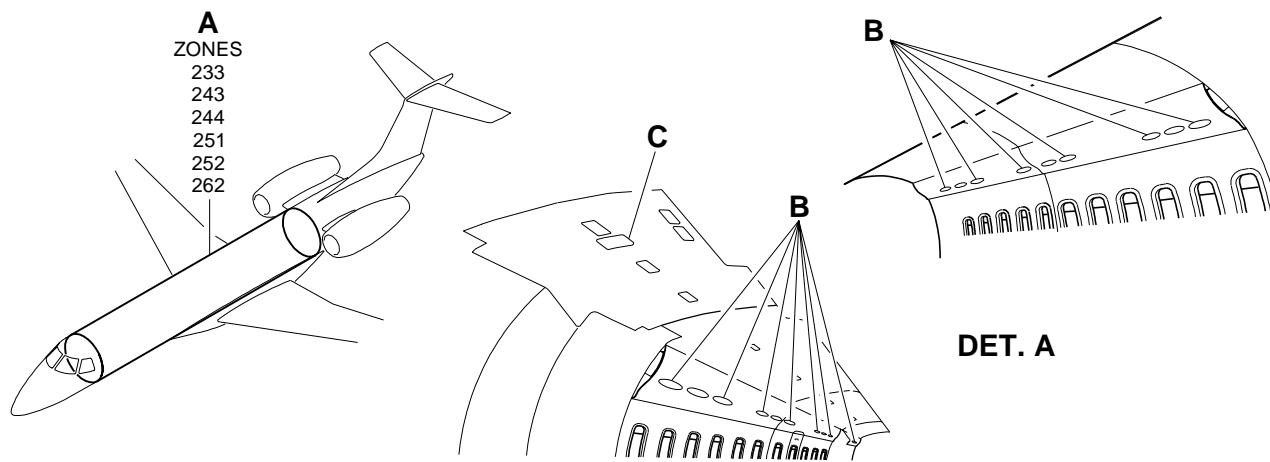
 IF APPLICABLE TO THE AIRCRAFT CONFIGURATION.

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EFFECTIVITY: AIRCRAFT FOR 16 PASSENGERS

Passenger Oxygen Mask - Inspection

Figure 602



EM145AMM350205A.DGN