



AIRCRAFT
MAINTENANCE MANUAL

CHEMICAL OXYGEN GENERATOR - INSPECTION/CHECK

EFFECTIVITY: ALL

1. General

- A. This section gives the procedure for the chemical oxygen generator inspection/check.
- 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).

<i>TASK NUMBER</i>	<i>DESCRIPTION</i>	<i>EFFECTIVITY</i>
35-20-01-200-801-A ♦	CHEMICAL OXYGEN GENERATOR - IN-SPECTION	ALL



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 35-20-01-200-801-A

EFFECTIVITY: ALL

2. CHEMICAL OXYGEN GENERATOR - INSPECTION

A. General

(1) Do this inspection to make sure that the chemical oxygen generator is in good conditions.

B. References

REFERENCE	DESIGNATION
AMM TASK 35-20-01-000-801-A/400	CHEMICAL OXYGEN GENERATOR - REMOVAL
AMM TASK 35-20-01-400-801-A/400	CHEMICAL OXYGEN GENERATOR - INSTALLATION

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 PSU, lavatory, and flight attendant station

I. Visual Check of Chemical Oxygen Generator ([Figure 601](#)) ([Figure 602](#))

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

SUBTASK 211-002-A

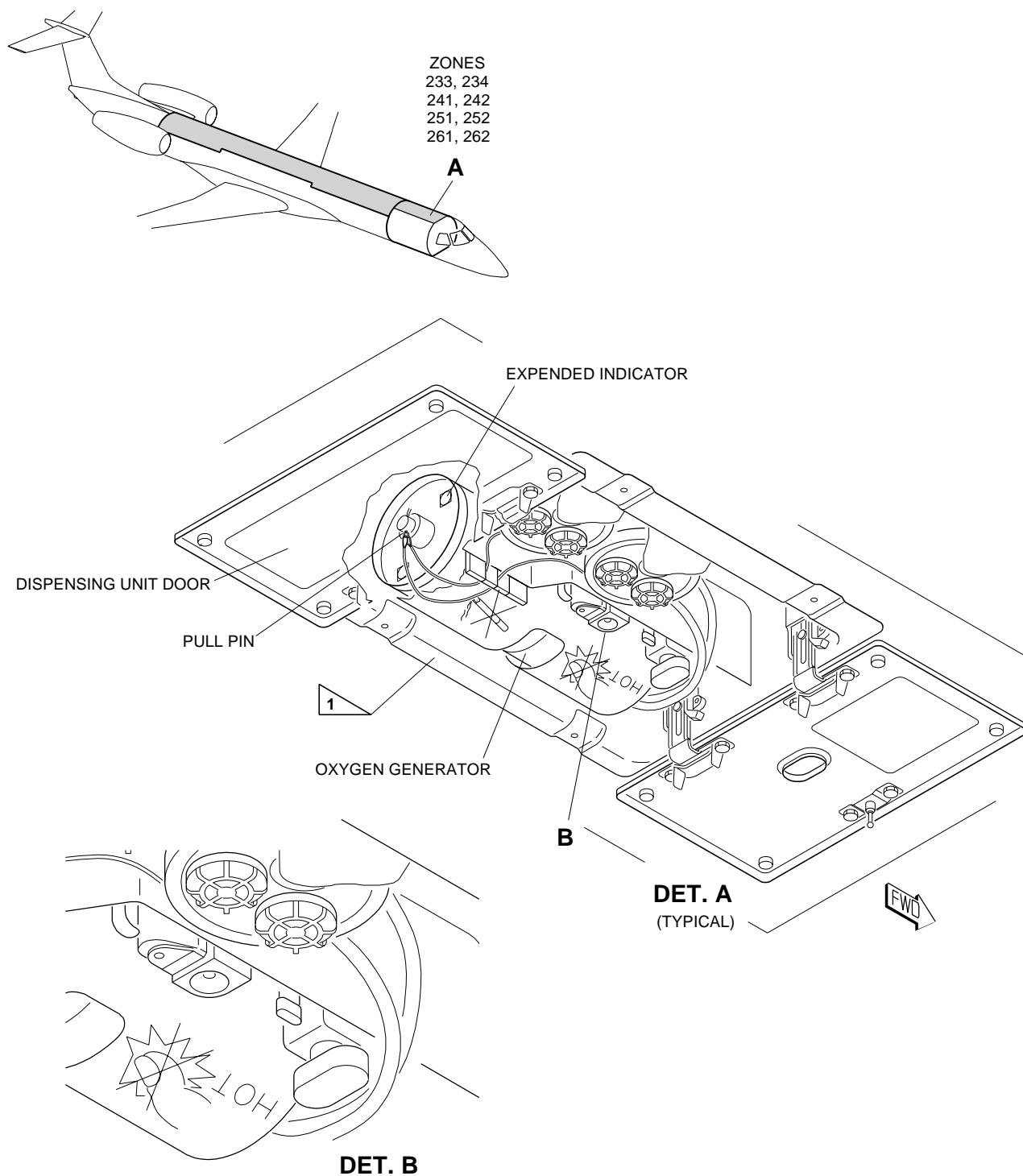
NOTE: Prepare a clean area and work surface before you start the check.

- (1) Get access to the chemical oxygen generator through the doors of the oxygen dispensing units.
- (2) Do an inspection/check of the chemical oxygen generator as follows:
 - (a) The chemical oxygen generator must be one which was not used before.
 - (b) Examine the chemical oxygen generator for signs of corrosion, dents, bulges or cracks.
 - (c) The chemical oxygen generator in a not-used condition, the expended indicator dot must be orange and the pull-pin installed in the actuator housing. If the area in the circle is totally black, it is a sign that the chemical oxygen generator was used and must be replaced.
 - (d) To replace the chemical oxygen generator, refer to [AMM TASK 35-20-01-000-801-A/400](#) and [AMM TASK 35-20-01-400-801-A/400](#).

EFFECTIVITY: AIRCRAFT WITH " PURITAN " PSU

Chemical Oxygen Generator - Inspection

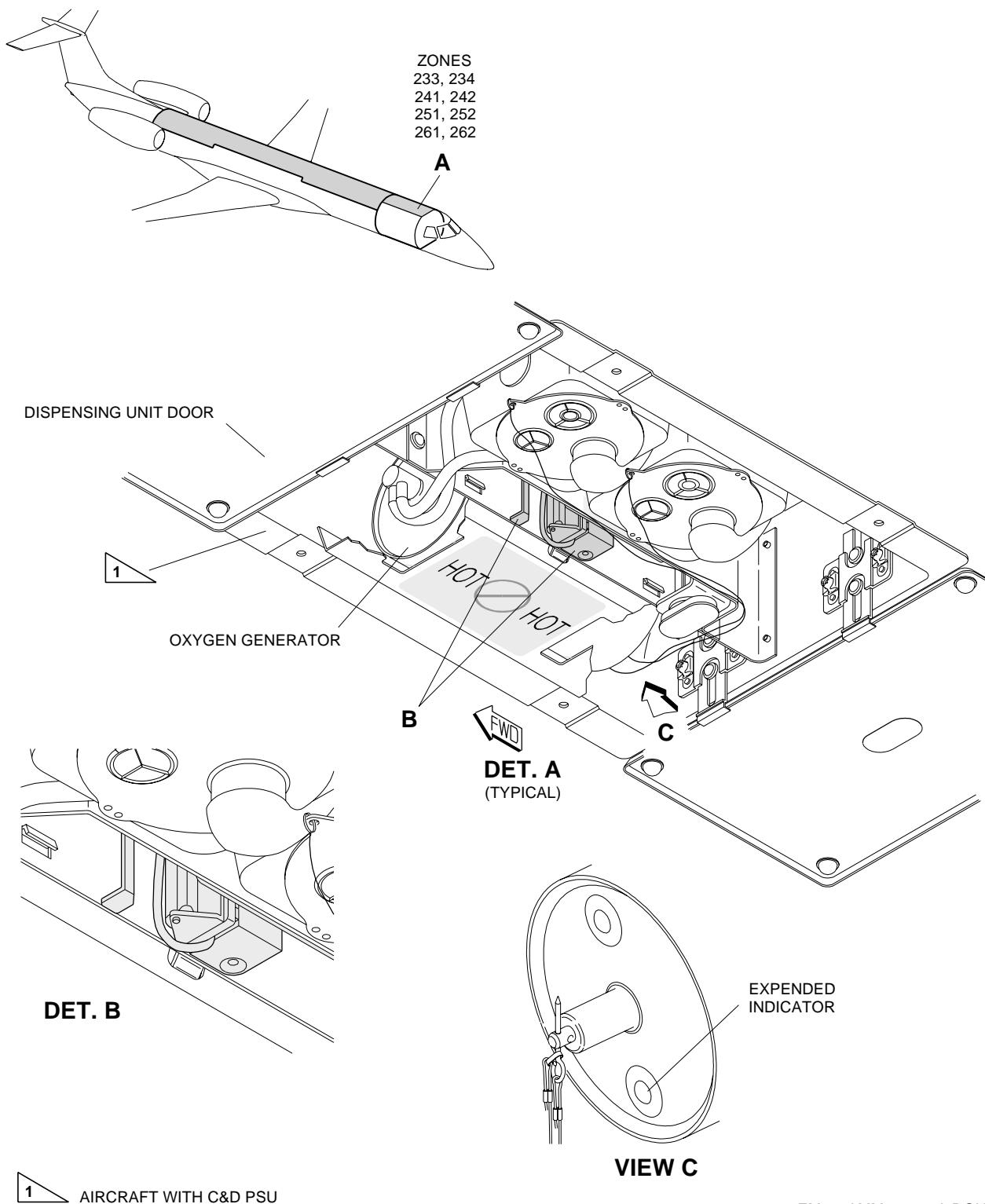
Figure 601



1 AIRCRAFT WITH PURITAN PSU

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EFFECTIVITY: AIRCRAFT WITH " C&D" PSU
 ChemicalOxygen Generator - Inspection
 Figure 602



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