

AIRCRAFT  
MAINTENANCE MANUAL

PORTRABLE OXYGEN CYLINDER - INSPECTION/CHECK

EFFECTIVITY: ALL

1. General

- A. This section gives the procedure for the inspection/check of the pressure shown on the gauge of the portable oxygen cylinder.

**WARNING: OBEY THESE SAFETY PRECAUTIONS DURING THE REPLACEMENT OF THE PORTABLE OXYGEN CYLINDER:**

- THE PERSONS WHO WILL DO THE PROCEDURE MUST OBEY THE SAFETY CONDITIONS GIVEN IN AMM TASK 35-10-00-910-801-A/200.
- REFER TO AMM TASK 35-10-00-910-801-A/200 FOR THE GENERAL INSTRUCTIONS TO DO THE OXYGEN SYSTEM SERVICING/MAINTENANCE.
- KEEP ALL SOURCES OF IGNITION (HOT EXHAUST, SPARKS, FLAMES, AND SMOKING) AWAY FROM THE OXYGEN SERVICING AREA.

B.

- C. 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
35-30-01-200-801-A ♦	PRESSURE SHOWN ON THE PORTABLE OXYGEN CYLINDER GAUGE - INSPECTION/CHECK	ALL

**TASK 35-30-01-200-801-A**
**EFFECTIVITY: ALL**
**2. PRESSURE SHOWN ON THE PORTABLE OXYGEN CYLINDER GAUGE - INSPECTION/CHECK**
**A. General**

- (1) The function of this inspection is to make sure that the pressure shown on the gauge of the portable oxygen cylinder is correct.

**B. Zones and Accesses**

Not Applicable

**C. Tools and Equipment**

Not Applicable

**D. Auxiliary Items**

Not Applicable

**E. Consumable Materials**

Not Applicable

**F. Expandable Parts**

Not Applicable

**G. Persons Recommended**

QTY	FUNCTION	PLACE
1	Does the task	In the cockpit and passenger cabin

**H. Visual Check of Portable Oxygen Cylinder Gauge Pressure Indication ([Figure 601](#))**
**SUBTASK 211-002-A**

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

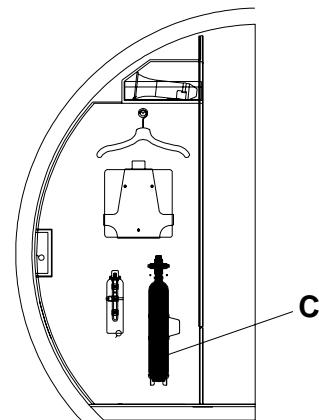
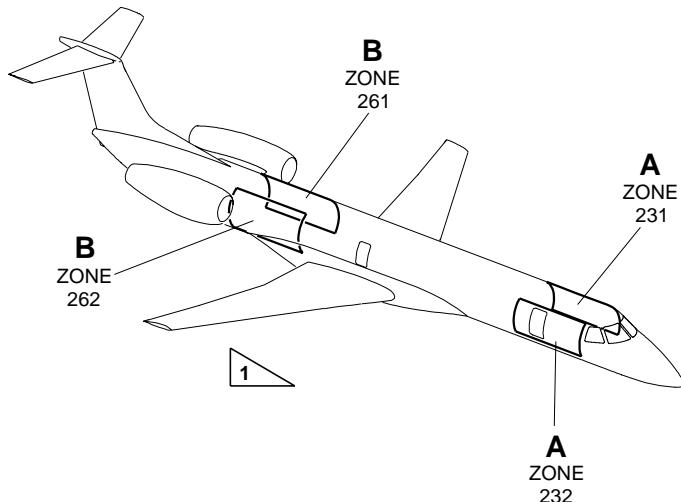
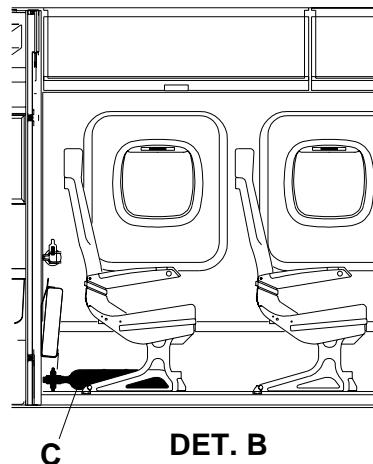
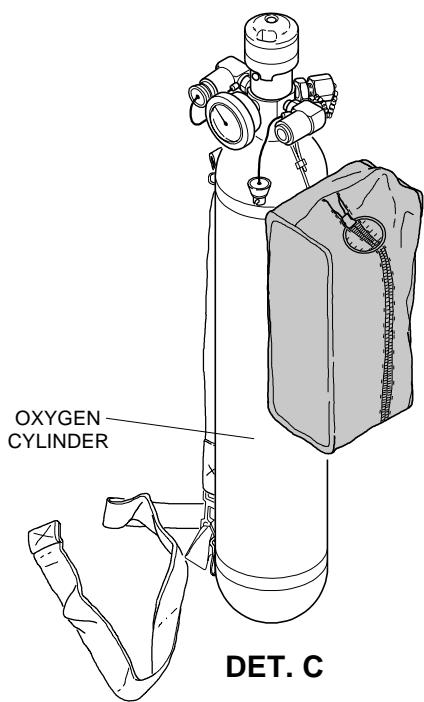
- (1) Use the graph ([Figure 602](#)) to get the related value between pressure and temperature.

**NOTE:** The bottle reading in normal conditions of pressure and temperature, is 1800 psi at 21°C, the pressure gauge reading of the bottle may vary according to the adverse conditions of pressure and temperature. In this case you must use the chart ([Figure 602](#)) to convert and establish the correct reading.

- (2) If the indicator is out of the red band, make sure that the values of pressure and temperature are in accordance with the graph ([Figure 602](#)). If not, remove the portable oxygen cylinder. Then, send it to the manufacturer's facilities or to a workshop authorized by the manufacturer.
- (3) Install a serviceable portable oxygen cylinder.

**NOTE:** On aircraft equipped with portable oxygen cylinder installed under the rearmost passenger single seat, make sure that the mask stowage is outboard on the cylinder (on the sidewall side and not on the aisle side).

**EFFECTIVITY: ALL**

 Portable Oxygen Cylinder - Check of the Pressure  
 Figure 601

**DET. A**

**DET. B**

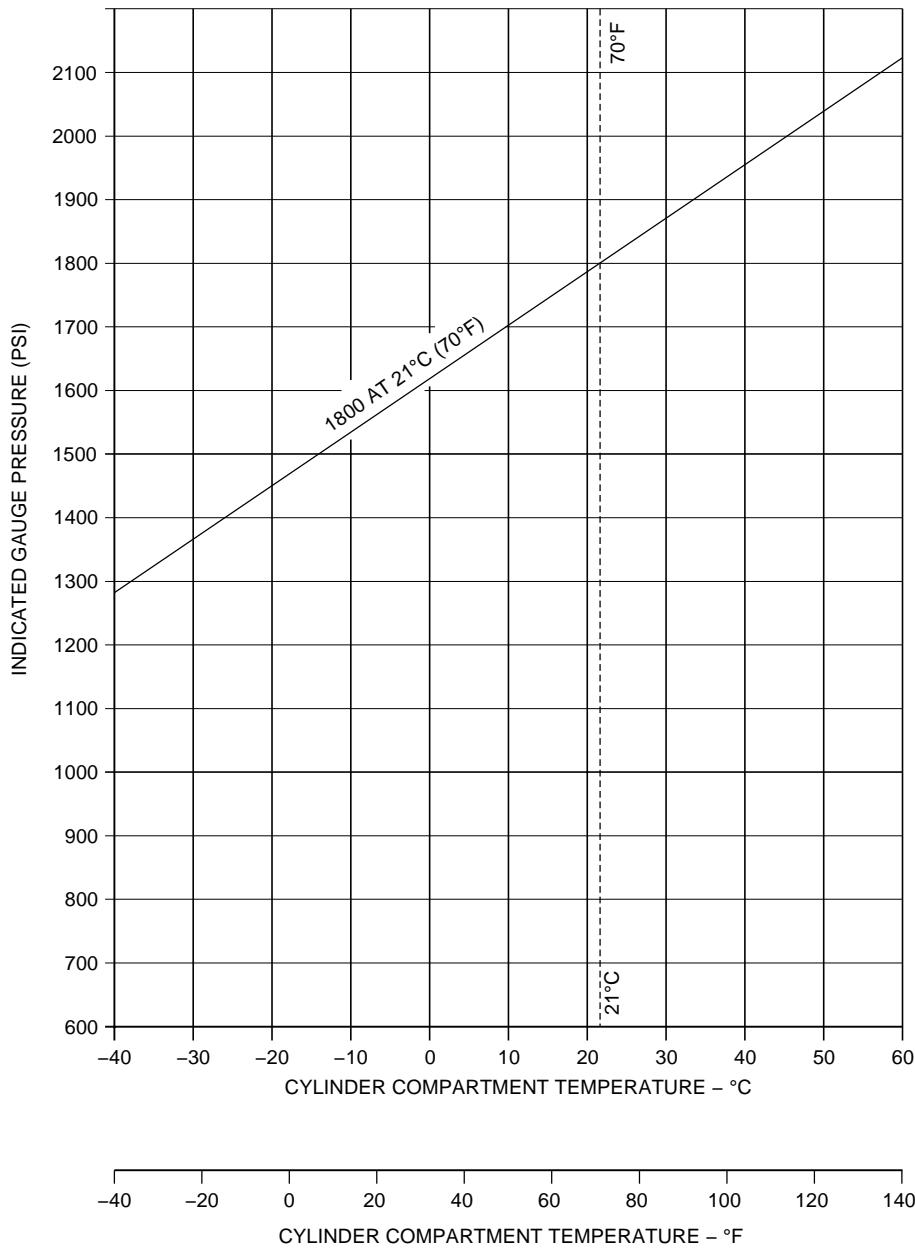
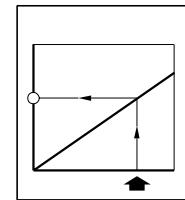
 ONLY CONSIDER THE OXYGEN CYLINDER LOCATION  
 APPLICABLE TO YOUR CONFIGURATION.

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**EFFECTIVITY: ALL**

Oxygen Pressure Correction as a Function of Temperature

Figure 602

**PRESSURE VS TEMPERATURE**


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