

## CREW OXYGEN - INSPECTION/CHECK

*EFFECTIVITY: ACFT MODEL(S) EMB-145*

### 1. General

- A. This section gives the procedure to do a check of the crew oxygen system pressure.
- 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
35-10-00-200-801-A ◆	CREW OXYGEN SYSTEM PRESSURE - CHECK	ACFT MODEL(S) EMB-145

TASK 35-10-00-200-801-A

EFFECTIVITY: ACFT MODEL(S) EMB-145

## 2. CREW OXYGEN SYSTEM PRESSURE - CHECK

### A. General

- (1) This procedure gives instructions to do the check of the pressure of the crew oxygen system.
- (2) Only approved persons must do the maintenance tasks related to the oxygen system.

### B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM TASK 12-14-00-600-801-A/300	-

### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
124	124AR	Oxygen servicing panel

### 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	Oxygen servicing panel

### I. Preparation

SUBTASK 841-009-B

- (1) Open access panel 124AR (AMM MPP 06-41-01/100).

### J. Check Crew Oxygen System Pressure [\(Figure 601\)](#) [\(Figure 602\)](#)

SUBTASK 211-010-B

- (1) Do a check to make sure that there is the minimum necessary oxygen pressure to permit the aircraft for dispatch as follows:

- (a) (Crew with Pilot, Copilot, and Observer) Read the oxygen pressure gauge to make sure that the minimum pressure is 1500 psi at 21°C (70°F). For other temperatures, refer to the oxygen pressure correction on access door 124AR.
- (b) (Crew with Pilot and Copilot) Read the oxygen pressure gauge to make sure that the minimum pressure is 1100 psi at 21°C (70°F). For other temperatures refer to the oxygen pressure correction on access door 124AR.

NOTE: If the pressure is below the minimum value, fill the oxygen system (AMM TASK 12-14-00-600-801-A/300).

- (2) If the pressure is above the minimum necessary for the aircraft dispatch, find the number of pre-flight oxygen mask tests available as follows:
  - (a) Read the oxygen pressure gauge at 21°C (70°F) (for other temperature refer to the oxygen pressure correction in the access door 124AR).
  - (b) Find the oxygen pressure on the Oxygen Consumption chart ([Figure 602](#)) and draw a perpendicular line from the oxygen pressure axis as far as the desired oxygen consumption line (for two or three crewmembers).
  - (c) The crossing point shows the number of the additional pre-flight crew cycles available.

K. Follow-on

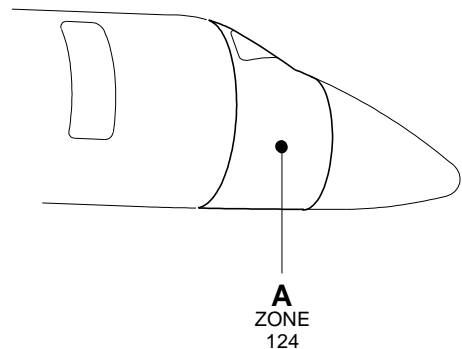
*SUBTASK 842-009-B*

- (1) If necessary, put the aircraft back to its usual configuration.

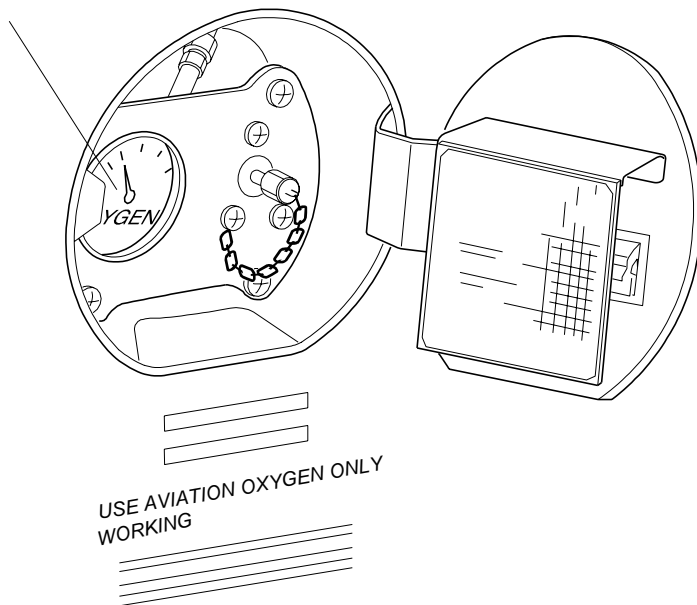
EFFECTIVITY: ACFT MODEL(S) EMB-145

Crew Oxygen System Pressure - Check

Figure 601



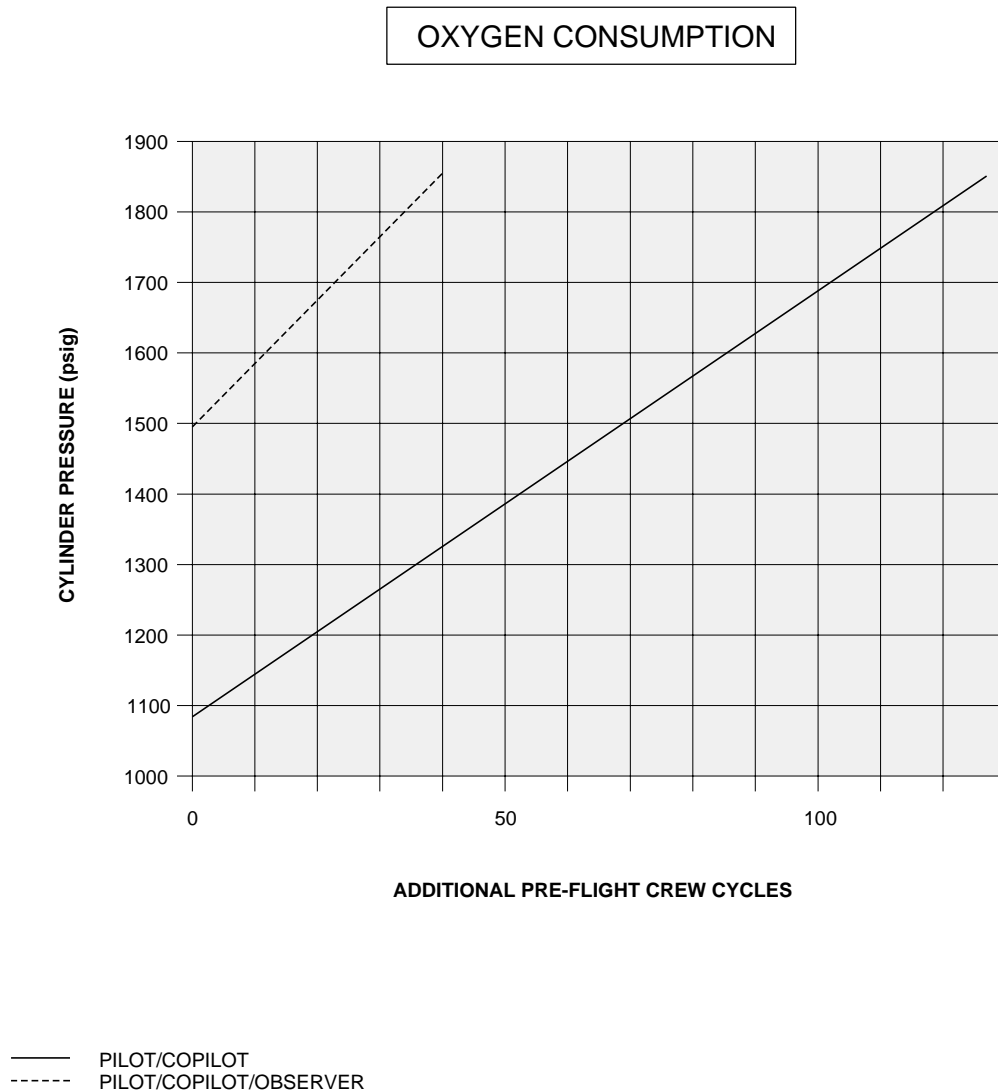
OXYGEN-  
PRESSURE GAUGE



DET. A

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EFFECTIVITY: ACFT MODEL(S) EMB-145  
Oxygen Consumption Chart  
Figure 602



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