

## OXYGEN-CYLINDER PRESSURE-RELIEF DISC - REMOVAL/INSTALLATION

EFFECTIVITY: ACFT MODEL(S) EMB-145

### 1. General

- A. This section gives the procedures to remove/install the Oxygen-Cylinder Pressure-Relief Disc.
- 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
35-11-03-000-801-A	OXYGEN-CYLINDER PRESSURE-RELIEF DISC - REMOVAL	ACFT MODEL(S) EMB-145
35-11-03-400-801-A	OXYGEN-CYLINDER PRESSURE-RELIEF DISC - INSTALLATION	ACFT MODEL(S) EMB-145

TASK 35-11-03-000-801-A

EFFECTIVITY: ACFT MODEL(S) EMB-145

## 2. OXYGEN-CYLINDER PRESSURE-RELIEF DISC - REMOVAL

### A. General

(1) This task gives the procedures to remove the Oxygen-Cylinder Pressure-Relief Disc.

### B. References

REFERENCE	DESIGNATION
<a href="#">AMM MPP 06-41-03/100</a>	- COMPONENT LOCATION
AMM TASK 35-10-00-910-801-A/200	-
AMM TASK 35-10-00-910-803-A/200	-

### C. Zones and Accesses

Not Applicable

### D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Metallic pin	To remove the disc	1

### 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	Above oxygen service panel

### I. Preparation

**SUBTASK 840-008-B**

**WARNING: OIL, GREASE, FLAMMABLE SOLVENTS, DUST, METAL FILINGS AND OTHER MATERIALS THAT BURN CAN EASILY CAUSE FIRE AND EXPLOSIONS WHEN THEY TOUCH PURE OXYGEN.**

**WARNING: MAKE SURE THAT THE AIRCRAFT IS IN A SAFE CONDITION BEFORE YOU DO THE MAINTENANCE PROCEDURES. THIS IS TO PREVENT INJURY TO PERSONS AND/OR DAMAGE TO THE EQUIPMENT.**

(1) Obey the safety precautions (AMM TASK 35-10-00-910-801-A/200) and general instructions (AMM TASK 35-10-00-910-803-A/200).

(2) Do not do other tasks on the crew oxygen system.

(3) Remove the applicable access panel to get access to the connection of the oxygen-cylinder pressure-relief line ( [AMM MPP 06-41-03/100](#)).

J. Removal ([Figure 401](#))

*SUBTASK 020-005-B*

(1) Disconnect the pressure relief line from the indicator body (2).

(2) Use a metallic pin to press and remove the disc (1) from the indicator body (2).

NOTE: Make sure not to cause damage to the disc.

(3) Remove the disc (1).

(4) Connect the pressure relief line back to the indicator body (2).

K. Follow-on

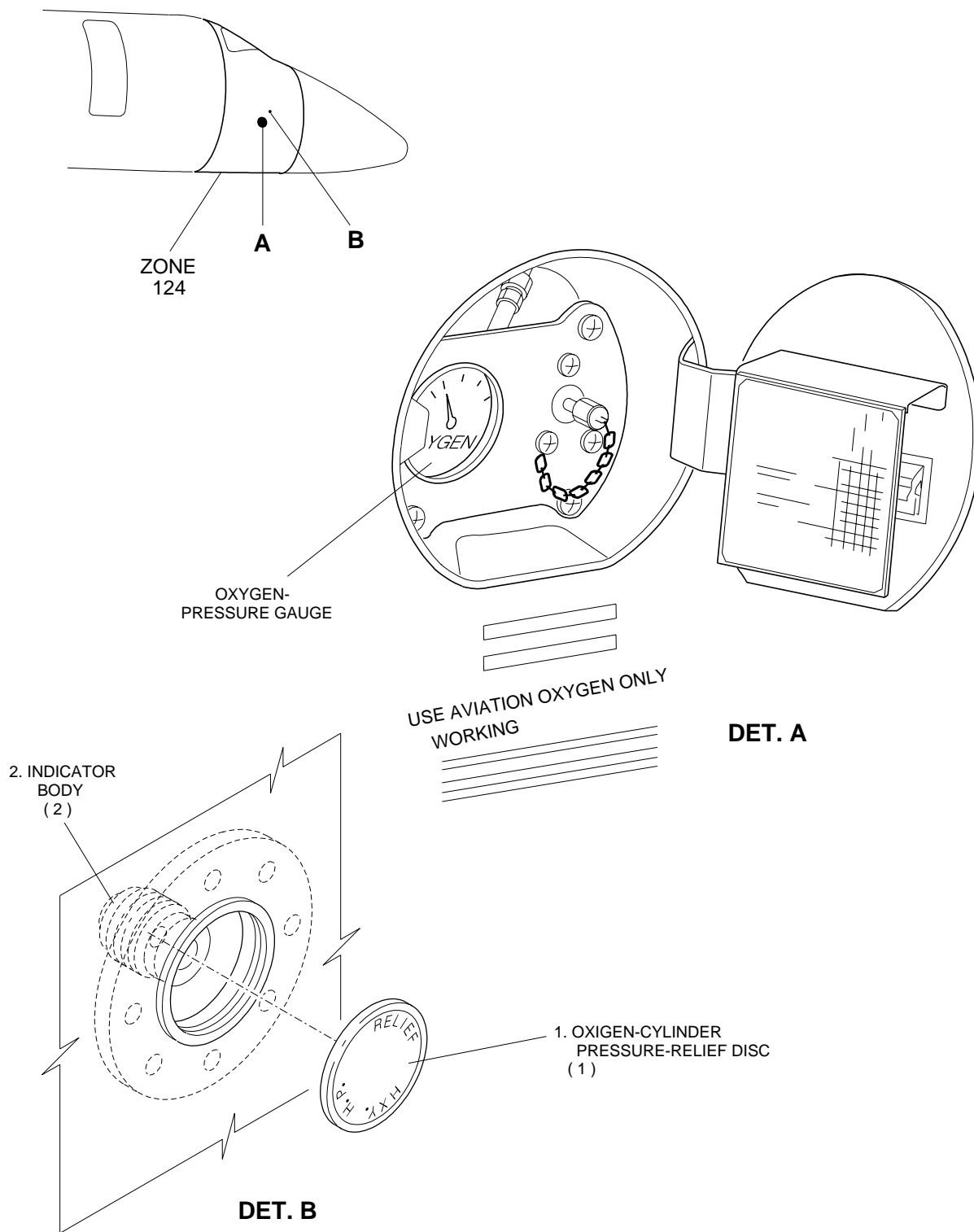
*SUBTASK 840-009-B*

(1) Install the applicable access panel to close the access to the connection of the oxygen-cylinder pressure-relief line ( [AMM MPP 06-41-03/100](#)).

EFFECTIVITY: ACFT MODEL(S) EMB-145

Oxygen-Cylinder Pressure-Relief Disc - Removal/Installation

Figure 401



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TASK 35-11-03-400-801-A

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

**3. OXYGEN-CYLINDER PRESSURE-RELIEF DISC - INSTALLATION**

**A. General**

(1) This task gives the procedures to install the Oxygen-Cylinder Pressure-Relief Disc.

**B. References**

<i>REFERENCE</i>	<i>DESIGNATION</i>
AMM TASK 12-14-00-600-801-A/300	-
<a href="#">AMM TASK 35-10-00-100-801-A/700</a>	CREW OXYGEN SYSTEM - CLEANING
AMM TASK 35-10-00-910-801-A/200	-
IPC 35-11-00	DISCHARGE LINE - CREW OXYGEN CYLINDER

**C. Zones and Accesses**

Not Applicable

**D. Tools and Equipment**

Not Applicable

**E. Auxiliary Items**

Not Applicable

**F. Consumable Materials**

Not Applicable

**G. Expendable Parts**

<i>ITEM</i>	<i>IPC REFERENCE (VENDOR REFERENCE)</i>	<i>QTY</i>
Disc replacement	IPC 35-11-00	1

**H. Persons Recommended**

<i>QTY</i>	<i>FUNCTION</i>	<i>PLACE</i>
1	Does the task	Above oxygen service panel

**I. Preparation**

***SUBTASK 841-006-B***

(1) Make sure that the Oxygen Cylinder is filled in the Oxygen Pressure Gauge.

**NOTE:** If necessary, fill the Oxygen Cylinder. Refer to AMM TASK 12-14-00-600-801-A/300.

J. Installation ([Figure 401](#))

SUBTASK 420-006-B

**WARNING: OBEY THE SAFETY PRECAUTIONS BELOW BEFORE YOU REMOVE AND INSTALL THE OXYGEN-CYLINDER PRESSURE-RELIEF DISC:**

- THE PERSON 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 GENERAL INSTRUCTIONS TO DO THE OXYGEN-SYSTEM SERVICING/ MAINTENANCE.

- (1) Clean the indicator body (2).

NOTE: For cleaning procedures, refer to [AMM TASK 35-10-00-100-801-A/700](#).

- (2) Align the disc (1) over the indicator body (2) with the words "OXY H.P. RELIEF" on the disc facing outside.
- (3) Push in the center of the disc (2) with your finger or thumb until the disc snaps into place in the body.