



AIRCRAFT  
MAINTENANCE MANUAL

**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



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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
AMM MPP 06-41-03/100	- 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).



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- (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

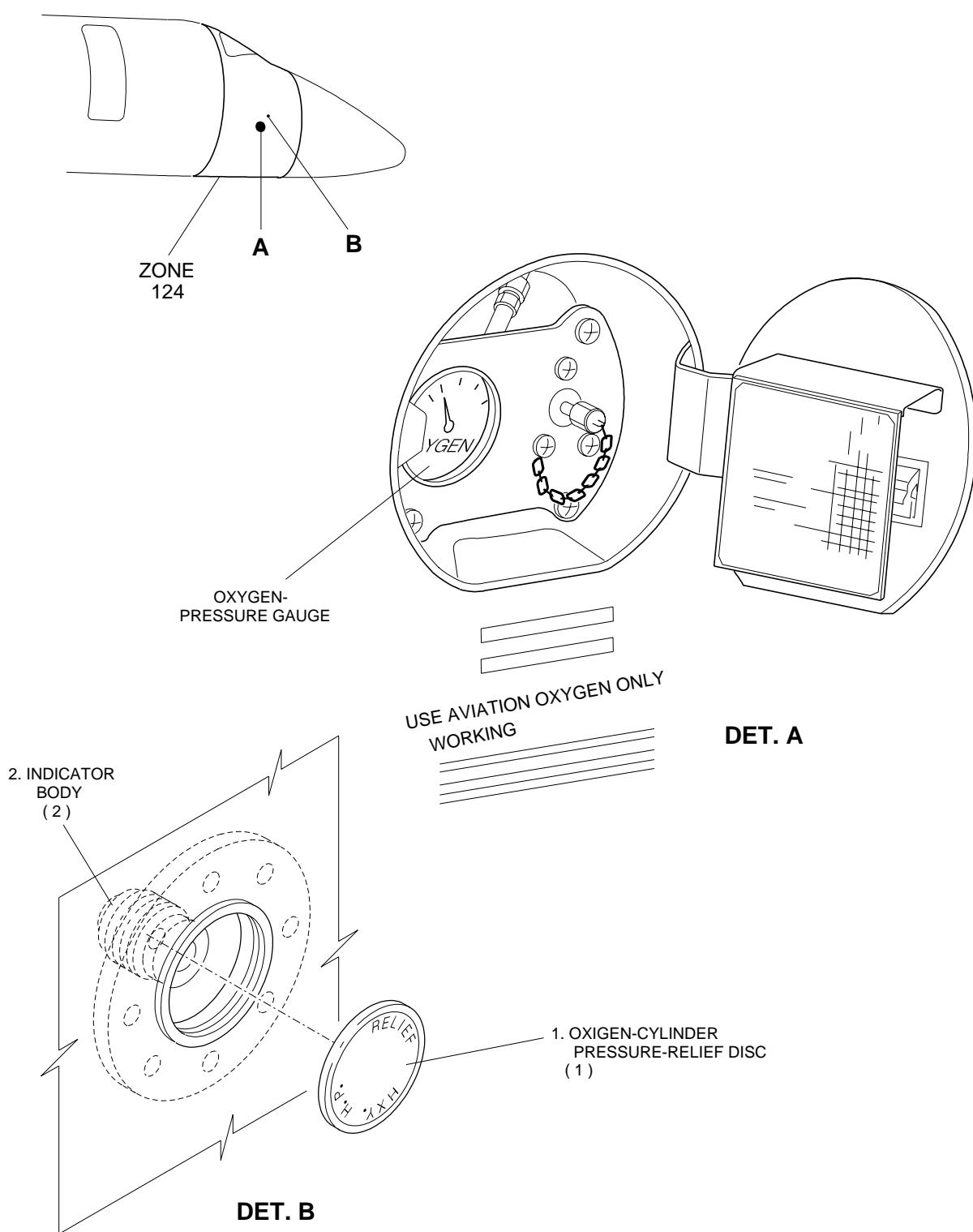
#### SUBTASK 840-009-B

- (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



145AMM350047.MCE C



EMB145 – EMB135

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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

REFERENCE	DESIGNATION
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

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
Disc replacement	IPC 35-11-00	1

H. Persons Recommended

QTY	FUNCTION	PLACE
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.



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### 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.