

EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

PASSENGER OXYGEN CYLINDER - ADJUSTMENT/TEST

EFFECTIVITY: AIRCRAFT FOR 16 PASSENGERS

1. General

- A. This section gives the procedure to do the functional check of the passenger oxygen cylinder.

WARNING: OBEY THESE SAFETY PRECAUTIONS DURING THE CHECK OF THE PASSENGER 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.
 - DO THE SERVICING IN AN OPEN AREA OR WHERE THERE IS A GOOD FLOW OF AIR.
 - DO NOT DO THE ADJUSTMENT/TEST OF THE PASSENGER OXYGEN CYLINDER WHILE YOU DO THE FUEL, HYDRAULIC FLUID, AND OIL SERVICING. DURING THE CHECK OF THE PASSENGER OXYGEN CYLINDER, DO NOT DO TESTS FOR WHICH YOU MUST ENERGIZE THE AIRCRAFT.
- 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
35-20-08-700-801-A	OXYGEN CYLINDER - FUNCTIONAL CHECK	AIRCRAFT FOR 16 PASSENGERS
35-20-08-700-802-A ♦	OXYGEN CYLINDER - HYDROSTATIC TEST	A/C S/N 600 AND ON

TASK 35-20-08-700-801-A
EFFECTIVITY: AIRCRAFT FOR 16 PASSENGERS
2. OXYGEN CYLINDER - FUNCTIONAL CHECK
A. General

- (1) This task gives the procedure to do the functional check of the passenger oxygen cylinder.

B. References

<i>REFERENCE</i>	<i>DESIGNATION</i>
AMM TASK 35-10-08-400-801-A/400	-
AMM TASK 35-20-08-000-801-A/400	-
Scott Aviation CMM 35-28-95	-

C. Zones and Accesses

<i>ZONE</i>	<i>PANEL/DOOR</i>	<i>LOCATION</i>
232	-	Closeout 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

<i>QTY</i>	<i>FUNCTION</i>	<i>PLACE</i>
1	Does the task	Passenger cabin

I. Functional of Check Passenger Oxygen Cylinder Pressure Regulator ([Figure 501](#))
SUBTASK 720-006-A

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

- (1) Remove the passenger oxygen cylinder (AMM TASK 35-20-08-000-801-A/400).
- (2) For the functional check, send the pressure regulator of the oxygen cylinder to the manufacturer's facilities or to a manufacturer-authorized workshop. Refer to Scott Aviation CMM 35-28-95 (Avox System).



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J. Follow-on

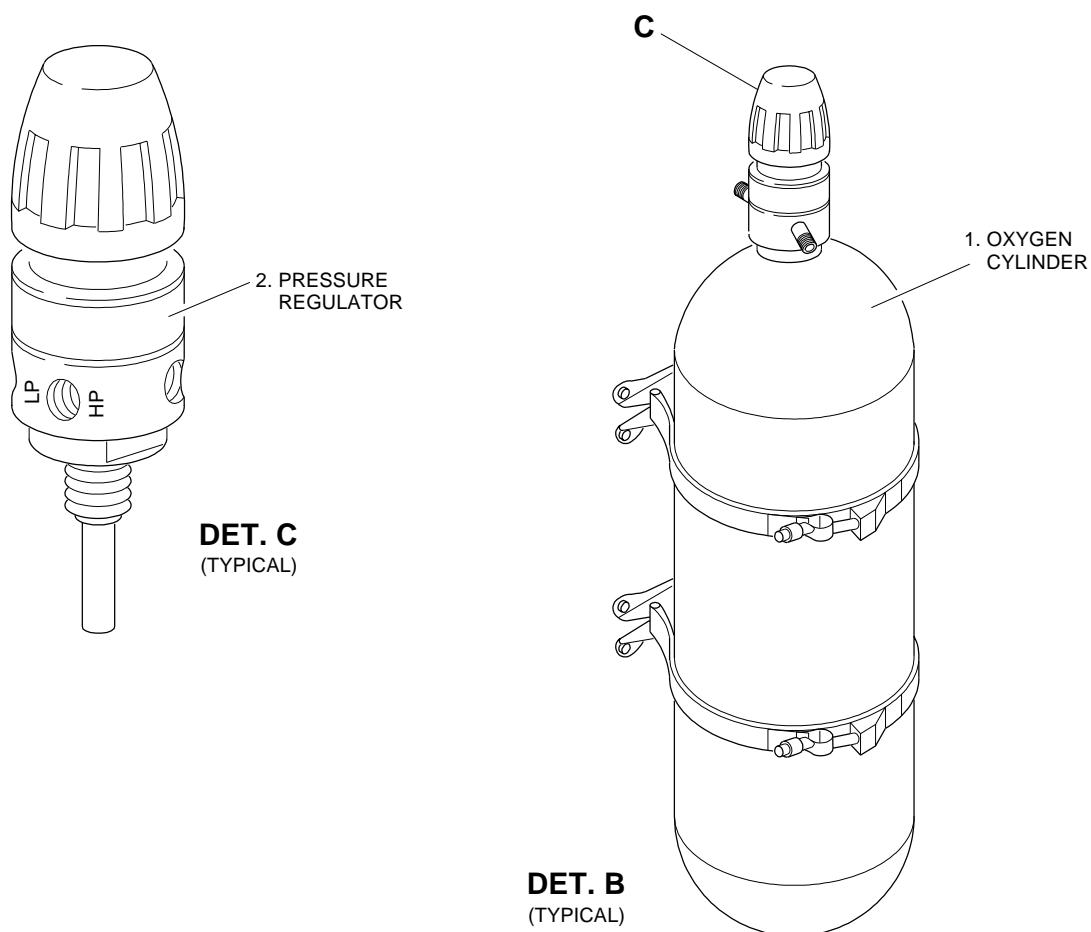
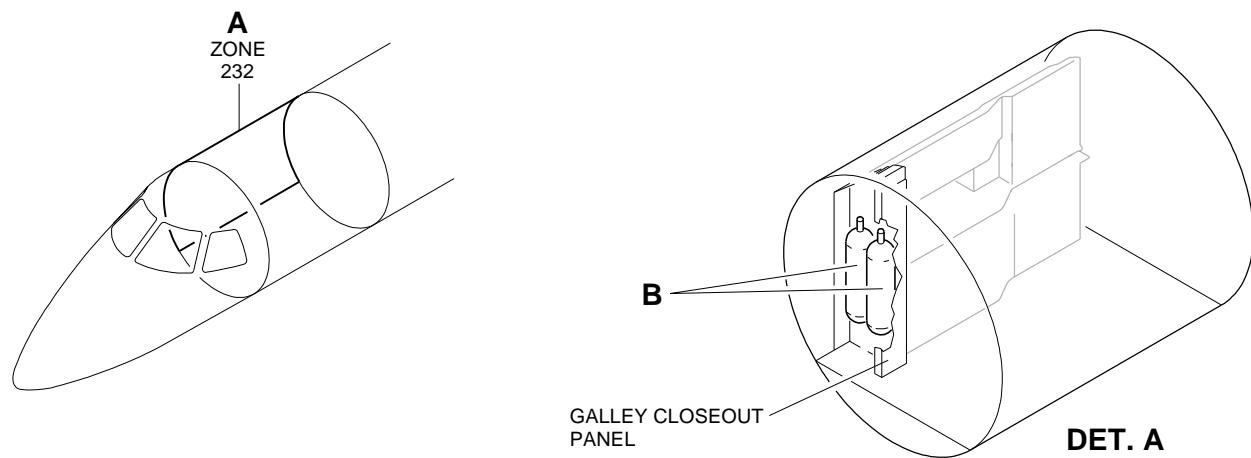
SUBTASK 842-006-A

- (1) Install the passenger oxygen cylinder (AMM TASK 35-10-08-400-801-A/400).

EFFECTIVITY: AIRCRAFT FOR 16 PASSENGERS

Passenger Oxygen Cylinder - Functional Check

Figure 501



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TASK 35-20-08-700-802-A

EFFECTIVITY: A/C S/N 600 AND ON

3. OXYGEN CYLINDER - HYDROSTATIC TEST

A. General

- (1) This task gives the procedure to do the hydrostatic test of the passenger oxygen cylinder.

B. References

REFERENCE	DESIGNATION
AMM TASK 35-20-08-000-801-A/400	-
AMM TASK 35-20-08-400-801-A/400	-
Scott Aviation CMM 35-28-95	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
232	-	Closeout 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	Passenger cabin

I. Functional Check of (Hydrostatic Test) Passenger Oxygen Cylinder (Figure 501)

SUBTASK 720-007-A

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

- (1) Remove the passenger oxygen cylinder (AMM TASK 35-20-08-000-801-A/400).
- (2) For the hydrostatic test, send the passenger oxygen cylinder to the manufacturer's facilities or to a manufacturer-authorized workshop. Refer to Scott Aviation CMM 35-28-95 (Avox System).



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J. Follow-on

SUBTASK 842-007-A

- (1) Install the passenger oxygen cylinder (AMM TASK 35-20-08-400-801-A/400).