

PORTABLE OXYGEN CYLINDER - INSPECTION/CHECK

1. General

- A. A portable oxygen cylinder is mounted on the interior of the airplane. It is installed to the cabin seat tracks behind the most aft right seat forward of the cabin door at FS 256.95 between RBL 14.0 and RBL 23.5. This installation can be used to meet regulatory or operation necessary for the country where the airplane is registered. This installation can be used by an operator to meet their personal needs.

WARNING: A charged cylinder, when dropped or otherwise mishandled, can be extremely dangerous.

CAUTION: Oxygen cylinders and pressure regulators are supplied as assemblies by Cessna Service Parts and Programs. Attempting to remove, repair, and install oxygen pressure regulators in the field gives opportunity for contaminants to enter the oxygen system.

CAUTION: Make sure that pressure regulators that are not serviceable or pressure regulators that need disassembly are interchanged for replacement oxygen cylinder and pressure regulator assemblies through Cessna Service and Parts Programs.

CAUTION: Make sure that oxygen cylinder and pressure regulator assemblies are disassembled, repaired, inspected, cleaned, hydrostatic tested, assembled, and serviced by the manufacturer or other FAA approved facility.

TASK 35-30-00-220

2. Oxygen Mask Detailed Inspection

- A. Do a visual inspection of the portable oxygen cylinder masks.
- (1) Examine the oxygen masks for cracks and rough seals.
 - (2) Examine the mask hose. Flex the hose over its entire length to check for deterioration and dirt.
 - (3) Examine the mask and storage for cleanliness and general good condition.
 - (4) Examine the mask breathing tube end to make sure it does not have nicks. Make sure the tube end installs in the oxygen receptacle easily and does not leak.
 - (5) If the mask assembly is not serviceable return it to the manufacturer or authorized repair station.
 - (6) If the hose is not serviceable replace it.

END OF TASK

TASK 35-30-00-221

3. Portable Oxygen Cylinder Detailed Inspection

- A. Do a visual inspection of the portable oxygen cylinder installation. Refer to Figure 601
- (1) Examine the cylinder installation for security of mounting.
 - (2) Make sure that the cylinder is mounted in a position where the pressure gage will not be broken.
 - (3) Examine the cylinder for dents, corrosion, broken parts and missing dust caps on the outlets.

END OF TASK

TASK 35-30-00-780

4. Portable Oxygen Cylinder Restoration (Hydrostatic Test)

- A. Do the portable oxygen cylinder restoration (hydrostatic test).

NOTE: Each cylinder must be hydrostatic tested every 5 years in accordance with DOT-3AA-1800.

- (1) Remove the oxygen cylinder assembly. Refer to Oxygen Cylinder Removal/Installation.
- (2) Send the oxygen cylinder to an authorizer repair facility. For more data related to the portable oxygen bottle hydrostatic testing refer to the AVOX Component Maintenance Manual 35-32-18, Subject - Check, found in the Introduction List of Publications.
- (3) When repaired, service the cylinder. Refer to Servicing.
- (4) Install the oxygen cylinder assembly. Refer to Oxygen Cylinder Removal/Installation.

END OF TASK

Figure 601 : Sheet 1 : Portable Oxygen Cylinder Installation

