

RELIEF TUBE - MAINTENANCE PRACTICES

1. General

- A. Airplanes may be equipped with an optional relief tube, located in the right side panel of the aft cargo area. The relief tube vents liquid waste overboard through a venturi tube in the outer skin. This section covers removal, installation and servicing of the relief tube.

2. Tools, Equipment and Materials

- A. For a list of required tools, equipment and materials, refer to Water/Waste - General.

3. Relief Tube Assembly Removal/Installation

- A. Remove Relief Tube Assembly (Refer to Figure 201).
- (1) Remove access plate located in floorboard adjacent to relief tube storage compartment.
 - (2) Remove clamp (4) that secures hose (3) to drain assembly (5) located in skin.
 - (3) Open compartment door and lift cup (1) and hose (3) out.
 - (4) Detach tie (2) securing hose (3) to cup (1).
 - (5) Loosen clamp (4) on airplanes without cargo pod to remove complete hose.

NOTE: On airplane with a cargo pod, clamp (7) secured by screw (8), washer (9), and nut (10) must be loosened, and clamp (4) must be loosened by gaining access thru the adjacent cargo compartment door in order to completely remove the hose (3).

- B. Install Relief Tube Assembly (Refer to Figure 201).
- (1) Attach hose (3) to cup (1) using tie (2).
 - (2) Route hose (3) through hole in relief tube storage compartment.
 - (3) Attach hose (3) to drain assembly (5) using clamp (4).
 - (4) Reinstall access plate in floorboard.

NOTE: On airplane with a cargo pod, complete items (1) and (2) and then route hose thru clamp (7), grommet (6) and attach to drain assembly (5) with clamp (4). Secure clamp (4) by tightening screw (8), washer (9) and nut (10). Close cargo compartment door.

4. Relief Tube Servicing and Cleaning

- A. After relief tube assembly has been used, rinse cup (1) and hose (3) thoroughly with a warm water- mild detergent solution. Treat with a commercially available disinfectant (Lysol or equivalent). Allow cup to dry completely before using.
- B. Periodically (unconditional monitoring), the relief tube assembly and hose should be removed and thoroughly scoured with water-soap solution, then rinsed, and then treated with a commercially available disinfectant (Lysol or equivalent).

NOTE: If the airplane is to be stored or parked for an extended period of time, then the relief tube should be thoroughly cleaned and sterilized to prevent bacterial growth.

Figure 201 : Sheet 1 : Relief Tube Installation

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1. RELIEF TUBE CUP
2. TIE
3. HOSE
4. CLAMP
5. DRAIN ASSEMBLY
6. GROMMET
7. CLAMP
8. SCREW
9. WASHER
10. NUT
11. BRACKET
12. SCREW
13. WASHER
14. NUT

