

FUEL VENTILATION SYSTEM - INSPECTION/CHECK

1. General

A. This section has the inspections and checks necessary to keep the fuel ventilation system in a serviceable condition.

TASK 28-10-03-710

2. Fuel Vent Line Float Valve Operational Check

NOTE: The fuel vent line float valve can become clogged and cause possible fuel starvation of the engine. The following procedure must be used to make sure that the valve operates correctly.

NOTE: The operational check of the left and the right fuel vent line float valve is typical.

A. General

(1) This task gives the procedures to do a functional check of the fuel vent line float valve.

B. Special Tools

- (1) Tube
- (2) Plug

C. Access

- (1) None

D. Do a Operational Check of the Fuel Vent Line Float Valve (Refer to Figure 601).

- (1) Make sure that the fuel selector valve is turned off.
- (2) Attach a rubber tube to the end of the wing tip vent line.
- (3) Make sure that the fuel caps are installed correctly.
- (4) Blow into the tube to give a small amount of pressurization into the fuel tank.
 - (a) If you can blow air into the fuel tank, the vent lines are open and float valve is not clogged.
 - (b) If you can not blow air into the fuel tank, do the Fuel Vent Line Float Valve Test to examine if the vent line is plugged and/or the float valve is stuck at the closed position. Refer to Fuel Ventilation System - Maintenance Practices.
- (5) Remove the tube and plug from the wing tip vent line.

E. Restore Access

- (1) None

END OF TASK

Figure 601 : Sheet 1 : Fuel Ventilation System

