

DESCRIPTION

valve has four positions labeled "BOTH OFF", "LEFT TANK", "BOTH ON", and "RIGHT TANK". The "BOTH OFF" position shuts off both fuel tanks from the fuel system and allows no fuel to pass the fuel selector valve. The "LEFT TANK" or "RIGHT TANK" position allows fuel to flow from only one fuel tank at a time, while "BOTH ON" permits simultaneous flow from both tanks. *Important* — The fuel valve handle is the pointer for the fuel selector valve and indicates the setting of the valve by its position above the dial. *Take-off should be made in the "BOTH ON" position to prevent inadvertent take-off on an empty tank.*

FUEL STRAINER DRAIN VALVE.

A fuel strainer drain valve is located on the bottom of the fuel strainer which is mounted on the under side of the airplane just aft of the firewall. This valve provides a quick method of draining any water or sediment that might have collected in the fuel strainer. A two-ounce quantity of fuel should be drained from the fuel strainer before the initial flight of the day or after each refueling operation to check for any sign of water in the fuel. *To open valve*, turn handle counter-clockwise. The valve is spring-loaded and will automatically return to a closed position when the handle is released.

FUEL TANK SUMP DRAIN PLUG.

A fuel tank sump drain plug is located on the underside of each wing

in line with the rear edge of the cabin door and out a few inches from the fuselage. These plugs are used to drain any sediment or water that may collect in the fuel tanks. Under normal operating conditions, it is recommended that the wing tank sumps be drained at each 100 hour inspection period.

FUEL LINE DRAIN PLUG.

A fuel line drain plug is located on the underside of the airplane directly below the fuel tank selector valve. At each 100 hour inspection period, this plug should be removed to drain any sediment or water accumulated in the fuel line.

FUEL QUANTITY INDICATOR.

A direct-reading, dampened, float-type quantity indicator is mounted in each fuel tank at the wing root inside the cabin. Each gage indicates the amount of fuel remaining in its respective tank. A red arc, on the face of each indicator, warns the pilot that the respective fuel tank is less than one-quarter full. *Do not take off if the pointer is in the red arc.*

ELECTRICAL SYSTEM.

Electrical energy is supplied by a 12-volt, direct-current system powered by an engine-driven generator. A 12-volt storage battery, located aft of the baggage compartment curtain, serves as a stand-by power source, supplying current to the system when the gen-