

FUEL SYSTEMS.

Two fuel systems are available for your Cessna. The standard fuel system contains an "ON-OFF" shut-off valve for control of fuel flow. This system is discussed in the following paragraphs. An optional system contains both the shut-off valve and a selector valve for fuel tank selection capability. Further discussion of the "selector valve" system may be found in Section VI. Special wings with long range fuel tanks are also available. Refer to Section VI for discussion of these tanks.

LONG RANGE FUEL TANKS

Special wings with long range fuel tanks are available to replace the standard wings and fuel tanks for greater endurance and range. When these tanks are installed in an aircraft equipped with an "ON-OFF" fuel system, the total usable fuel, for all flight conditions, is 81 gallons: if a "selector valve" fuel system is installed, the total usable fuel, for all flight conditions, is 78 gallons.

"SELECTOR VALVE" FUEL SYSTEM

A "selector valve" fuel system is available to provide fuel tank selection capability. When this system is installed, the total usable fuel, for all flight conditions, is 59 gallons for standard tanks and 78 gallons for optional long range tanks.

In this system, fuel flows from both wing tanks to a selector valve; here, fuel from either or both tanks may be selected, depending upon

FUEL QUANTITY INDICATORS

Empty E (red line)
1.5 gallons unusable each tank ("on-off" fuel system)
3.0 gallons unusable each tank ("selector valve" fuel system)