

## FUEL - GENERAL

### 1. Scope

- A. This chapter provides information on systems and components associated with fuel storage, fuel distribution, refueling and fuel quantity indicating.

### 2. Tools, Equipment and Materials

**NOTE:** Equivalent substitutes may be used for the following items:

NAME	NUMBER	MANUFACTURER	USE
Sealant Type I	CS-3204 Class A-1/2 Class A-2	Flame Master Chem Seal Div. 11120 Sherman Way Sun Valley, CA 91352	To seal fuel tank area.
Sealant Type I	P/S 890 Class A-2	PRC-DeSoto International 5454 SanFernando Rd. Glendale, CA 91203	To seal fuel tank area.
Sealant Type I	PR-1440 Class A-1/2 Class A-2 Class B-2	PRC-DeSoto International	To seal fuel tank area.
Sealant Type I	P/S 890 Class B-1/2 Class B-2	PRC-DeSoto International	To seal fuel tank area.
Sealant Type I	PR-1440 Class B-1/2 Class B-2	PRC-DeSoto International	To seal fuel tank area.
Sealant Type I	PR-1826 Class B	PRC-DeSoto International	To seal fuel tank area.
Sealant Type I	CS-3204 Class B-1/2 Class B-2	Flame Master, Chem Seal Div.	To seal fuel tank area.
Sealant Type VIII	PR-1428 Class B-1/2 Class B-2	PRC-DeSoto International	To seal fuel tank access panels.
Sealant Type VIII	FR-1081 Class B-1/2 Class B-2	Fiber Resin Corp. 170 W. Providencia Ave. Burbank, CA 91502	To seal fuel tank access panels.
Water Manometer (Range of not more than 70 inches of water.)		Commercially Available	To check wing pressure.
Pressure Regulator		Commercially Available	To regulate input pressure.
Fahrenheit Thermometer		Commercially Available	To monitor test area temperature.
Leak Detector	Eldorado LD-4	Eldorado Chemical Co. Inc. 14350 Lookout Road P. O. Drawer 34837 San Antonio, TX 78265-4837	To locate source of leak.

Primer	1200	Dow-Corning Corp. South Saginaw Rd. Midland, MI 48640	To prime mating surfaces of tube covers.
Thermal Coating	TBS-758	General Electric Co. Waterford, NY 12188	To seal mating surfaces of tube covers.
Mold Release	MS122	Cessna Aircraft Company Cessna Parts Distribution Department 701, CPD 2 5800 East Pawnee Road Wichita, KS 67218-5590	Use on access panels prior to applying sealant.
Sealant	EC776P	Cessna Aircraft Company	To seal inside of fuel reservoir and inside of wing fuel bays.
Cleaner	Methyl n-Propyl Ketone	Commercially Available	To clean surfaces prior to sealing.
Scotchbrite Pad	N/A	Commercially Available	To remove loose primer.
Gasket	2616017-27	Cessna Aircraft Company	For access cover on fuel reservoir.
Gasket	2696001-1 (Used with 1613-00 Pump) 2616024-2 (Used with 2C6-8 Pump)	Cessna Aircraft Company	For auxiliary fuel pump.
1 watt, 230 ohm resistor		Commercially Available	To apply dummy load during functional check of the fuel quantity and low fuel warning system.

### 3. Definition

- A. This chapter is divided into sections and subsections to assist maintenance personnel in locating specific systems and information. For locating information within the chapter, refer to the Table of Contents at the beginning of the chapter.