

D. Fuel System

The fuel system of RV6 N19CD is illustrated in Figure II-6. The fuel, 100 octane or higher low lead aviation gasoline, is contained in detachable "wet wing" tanks which constitute roughly the inner 40% of the wing span forward of the main spar. Each tank has a capacity of 19 US gallons and can be pumped virtually dry by the auxiliary pump in the three point, level attitude. However, for purposes of flight planning the Pilot In Command should consider the usable fuel to be 18 US gallons per side. The left tank is provided with an inverted flight "flop tube" pickup.

All connections in the system aft of the firewall are made with 37° flare AN fittings and aluminum tube (or copper in the case of the small primer lines forward of the firewall). The reperatory of AN fittings is detailed in Figure II-6. Forward of the firewall major connections are made with Aeroquip 601 hose, fittings and fire sleeve.