FUEL MANAGEMENT

1/3" I/D fuel line from left & right 1/8" tanks to a connecting "T" fitting in the cabin before fuel selector.

INBOARD LE TANK

Fueled by 2/3" (11 + 1/8" NPT) 1/2" fuel line welded in the inboard tank.

VENT TUBE

1/2" fuel line from left & right 1/8" tanks to a connecting "T" fitting in the cabin before fuel selector.

VENT TUBE WELDED AT BOTTOM

GROMMET AN631-10-14 (CENTERED ON PLUG "C")

1/2" fuel line welded at each end of the inboard LE tank.

6W13-1 INBOARD LE TANK BETWEEN NA#4 AND NA#3

5W1T-1 OUTBOARD LE TANK BETWEEN NA#4 AND NA#3

TANK OUTLET 3/8" NPT WELDED FLANGE

DX2021 3/8" NPT FINGER SCREW

F125-6B NIPPLE COUPLER 3/8" HOSE 1/4" NPT

SIDE VIEW CROSS SECTION OF OUTLET TANK OUTLET CONNECTION

FLH-6-50 3/8" I/D FUEL LINE THROUGH THE 3/4" TUBE WELDED IN THE INBOARD TANK

GROMMET AN631-10-14 FOR 3/8" FUEL LINE NA#3 TO NA#5

GROMMET AN631-10-14 FOR NA#5 TO NA#6

3/8" WELDED FLANGE WELDED AT BOTTOM OF RIB

5W1T-1 OUTBOARD LE TANK BETWEEN NA#4 AND NA#3

5W1T-1 OUTBOARD LE TANK BETWEEN NA#4 AND NA#3

NOTE: DEPENDING ON THE FILLER CAP, THE TANK IS EITHER WELDED THROUGH THE "T" FITTING UNDER THE WING.

NOTE: BETWEEN THE 1/8" AND 1/2" TANK IS THE TUBE WELDED THROUGH THE 1/8" TANK, REFER TO 5W1T-1 FOR DIMENSIONS.

TO ACCURATELY LOCATE THE POSITION OF THE FILLER CAP IN THE LEADING EDGE SKIN:
1) CLAMP THE TIP EDGE OF THE CLEAR PLASTIC SHEET APPROX. 20 INCHES (1/8" PLENUM) TO THE EDGE OF THE LEADING EDGE SKIN - BACK DRILL THROUGH THE PRE-CHILLED HOLES IN THE LE SKIN EXCLUDING THE NOSE RIBS.
2) PLACE THE TANK IN THE WING AND CLAMP THE CLEAR PLASTIC SHEET THROUGH THE HOLES IN THE WING AND NOSE RIBS.
3) CHECK THE FILLER NECK TOUCHES THE HOLES, IF NECESSARY SHAVE UNDER THE TANK.
4) WITH COMPASS AND RULER, PUT A CIRCLE DIAMETER OF THE FILLER NECK.
5) POSITION THE TANK ON THE TUBE AND DRILL A HOLE IN THE CENTER.
6) COLD THE PLEXIGLASS SHEET ON THE SKIN THROUGH THE TANK AND NOSE RIBS, DRILL THE CENTER HOLE ON THE SKIN.