



FIGURE 54 - AUXILIARY FUEL TANK KIT
(Underseat Type)

KEY	ITEM NO.	PART NUMBER	1	2	3	4	NOMENCLATURE	UNITS PER ASSY	USAGE
	746	145-89067-150	Kit	-	-	-	Auxiliary Fuel Tank (Underseat Type) - - - - -	A	2 - 1789
	746-100	145-89067-300	Kit	-	-	-	Auxiliary Fuel Tank (Underseat Type) - - - - -	B	1790 & Subs
1	746-1	145-48304					Tank Assy - Auxiliary Fuel (Underseat) - - - - -	1	1
2	3719-10	145-48237					Gasket - Fuel Level Transmitter - - - - -	1	1
3	746-2	145-51071-4					Transmitter Assy - Auxiliary Fuel Level - - - - -	1	1
		AN503-10-10					Screw - Drill Fil Head Machine (Coarse Thread) - - - - -	6	6
		AN960-10					Washer - Plain - - - - -	6	6
4	746-3	145-89067 SA 2					Scupper Assy - Auxiliary Fuel Tank - - - - -	1	1
5	746-4	145-89067 SA 6					Doubler Assy - Auxiliary Fuel Tank Scupper - - - - -	1	1
6	9175	4283581					Cap & Neck Assy - Fuel Filler (Without Adapter) - - - - -	1	1
7	746-5	145-48241-1					Strap Assy - Aux Fuel Tank (Incl Turnbuckle) - - - - -	1	1
8	746-6	145-48241-2					Strap Assy - Aux Fuel Tank (Incl Turnbuckle) - - - - -	1	1
9	746-7	145-89067-5					Doubler - Auxiliary Fuel Tank Strap Bolting - - - - -	2	2
10	746-8	145-48240					Cradle Assy - Auxiliary Fuel Tank Support - - - - -	1	1
11	746-9	145-89067-53					Bracket - Auxiliary Fuel Tank Cradle Support - - - - -	4	4
12	746-10	145-89067-145					Doubler - Auxiliary Fuel Tank Upper Wing Skin - - - - -	1	1
13	746-11	145-89067-114					Hose - Auxiliary Fuel Tank Connecting - - - - -	1	1
14		AN748-46					Clamp - Hose - - - - -	2	2
15	746-12	145-48239					Tank Assy - Aux Fuel Accumulator Complete - - - - -	1	1
16	2308	145-48016					Screen Assy - Fuel Tank Strainer - - - - -	1	1
17		AN900-16					Gasket - Copper-Asbestos Annular - - - - -	1	1
18	9182	W7600-1/8					Draincock - Slide Type - - - - -	1	1
19	746-13	145-48077-3					Bracket - Auxiliary Fuel Tank Support Outer - - - - -	1	1
20	746-14	145-48077-4					Bracket - Auxiliary Fuel Tank Support Inner - - - - -	1	1
21	746-15	145-89067-49					Pad - Auxiliary Fuel Accumulator Tank Clamp - - - - -	2	2
22	746-16	145-89067-146					Cushion - Auxiliary Fuel Accumulator Tank Bracket - - - - -	2	2
23	746-17	145-89067-70					Shield Assy - Auxiliary Fuel Accumulator Tank - - - - -	1	1
24	746-18	145-89067-66					Doubler - Aux Fuel Tank Access Lower Wing Skin - - - - -	1	1
25	746-19	145-89067-141					Line Assy - Aux Accum Tank to Valve Aft Section - - - - -	1	1
26	746-20	145-89067-106					Hose - Auxiliary Fuel Line Connection - - - - -	2	2
27		AN748-26					Clamp - Hose - - - - -	4	4
28	746-21	145-89067-131					Line Assy - Aux Accum Tank to Valve Fwd Section - - - - -	1	1
29	746-22	145-89067 SA 4					Valve Assy - Three Way Fuel Selector Complete - - - - -	1	1
30	746-23	145-89067 SA 5					Valve Assy - Three Way Fuel Selector Complete - - - - -	1	1
31	9543	W6235-1/4D					Valve - Three Way Fuel Selector (Modified) - - - - -	1	1
		AN822-6B					Elbow - 90° Flared Tube and Pipe Thread - - - - -	1	2
32	9134	400X6					Elbow - 90° (Valve Outlet Port) - - - - -	1	1
		AN823-6					Elbow - 45° Flared Tube and Pipe Thread - - - - -	1	1
33	746-24	145-48244					Pin - Fuel Selector Valve Detent - - - - -	1	1
34	746-25	145-48243-3					Spring - Fuel Selector Valve Detent Pin Upper - - - - -	1	1
35	746-26	145-48243-5					Spring - Fuel Selector Valve Detent Pin Lower - - - - -	1	1
36	746-27	145-89067-51					Spacer - Fuel Selector Valve Mounting Upper Plate - - - - -	1	1
37	746-28	145-89067-71					Spacer - Fuel Selector Valve Mounting Screw Lower - - - - -	2	2
38	746-29	145-89067 SA 3					Plate - Fuel Selector Indicator - - - - -	1	1
		145-89067-128					Decal - "Fuel Selector-Main-Aux-Off" - - - - -	1	1
39	9351	PK88XA-8-10					Screw - (Fuel Selector Indicator Plate Attaching) - - - - -	3	3
40	9352	2T4830-18					Washer - (Fuel Selector Indicator Plate Attaching) - - - - -	3	3
41	746-30	145-89067-137					Line Assy - Main Accum Tank to Selector Valve - - - - -	1	1
42	746-31	145-89067-133					Line Assy - Selector Valve to Fuel Strainer - - - - -	1	1
	746-32	145-89067-139					Line Assy - Selector Valve to Fuel Strainer - - - - -	1	1
43		AN816-6					Nipple - (Fuel Strainer Inlet Port) - - - - -	1	1
44	746-33	145-89067-23					Line Assy - Aux Fuel Tank Vent (Incl Vinyl Cover) - - - - -	1	1
45	746-34	145-89067-12					Line Assy - Aux Fuel Tank Vent (Incl Grommet) - - - - -	1	1
46	746-35	145-89067-14					Hose - Aux Fuel Tank Vent Line Connecting - - - - -	2	2
47		AN748-30					Clamp - Hose - - - - -	4	4
48	746-36	145-89067-18					Line Assy - Aux Fuel Tank Vent (Incl Grommet) - - - - -	1	1
49	746-37	145-53336					Pipe Assy - Aux Fuel Compartment Vent - - - - -	1	1
50	746-38	145-89067-44					Doubler - Aux Fuel Tank Comp Vent Lower Wing Skin - - - - -	1	1
51	746-39	145-53335					Baffle Assy - Aux Fuel Tank Compartment (Metal) - - - - -	1	1
52	746-40	143-53003-100					Support - Rear Seat Aft Center - - - - -	1	1
53	746-41	143-53003-102					Spacer - Rear Seat Aft Center Support Upper - - - - -	1	1
54	746-42	145-53337					Baffle Assy - Aux Fuel Tank Compartment (Fabric) - - - - -	1	1
55	746-43	145-71050 SA 2					Condenser Assy - Aux Fuel Level Transmitter - - - - -	1	1
56	745-35	145-54002-150					Wire Assy - Aux Fuel Level Transmitter to Indicator - - - - -	1	1
57	745-37	145-54002-151					Wire Assy - Aux Fuel Level Resistor to Cir Breaker - - - - -	1	1
58	745-36	145-54002-240					Wire Assy - Aux Fuel Level Indicator to Resistor - - - - -	1	1
59	745-28	145-48201-56					Bracket - Auxiliary Fuel Level Indicator Support - - - - -	1	1
60	745-29	145-48201-59					Bracket - Auxiliary Fuel Indicator Resistor Support - - - - -	1	1
61	9478	154-48002-6					Indicator - Auxiliary Fuel Level - - - - -	1	1
62	9261	91396					Resistor - (Fuel Level Indicator) - - - - -	1	1
63	746-44	145-89067-149					Bracket - Radio Antenna Load Coil Support - - - - -	1	1
64	4632	143-53003-162					Cover - Cabin Air Outlet - - - - -	2	2
65	4623-10	143-53003-161					Frame - Cabin Air Outlet - - - - -	2	2
66	4624-10	145-53339					Duct Assy - Cabin Air Outlet - - - - -	1	1
67	746-45	145-10006-19					Louvre - Cabin Air Outlet LH - - - - -	1	1
	746-46	145-10006-20					Louvre - Cabin Air Outlet RH - - - - -	1	1
68	9520	820-18					Clamp - (Auxiliary Fuel Accumulator Tank Support) - - - - -	2	2
69		AN822-8					Elbow - 90° (Auxiliary Fuel Tank Vent Line) - - - - -	1	1
	1739	145-31501-136					Scop - Cabin Air Inlet (See Figure 10) - - - - -	1	1
	4631	145-53301-63					Tube Assy - Cabin Air Inlet (See Figure 43) - - - - -	1	1
	746-47	145-42301-98					Bracket - Cabin Air Inlet Tube Support - - - - -	1	1
	2350	145-48232					Fitting - Firewall Fuel Line (See Figure 18) - - - - -	1	1
	746-48	154-48001-70					Line Assy - Firewall to Relief Valve Fuel Return - - - - -	1	1