



FIGURE 35 - INSTRUMENT SYSTEM

KEY	ITEM NO.	PART NUMBER	1	2	3	4	NOMENCLATURE	UNITS PER ASSY	USAGE
1	3700	145-51030	Pitot	Tube	-	-	-	1	
2	9250	Q901A8	Clip	-	-	-	-	2	
3		AN3-11A	Bolt	-	Aircraft 10-32	-	-	2	
4	8324	4S3-10-6	Spacer	-	-	-	-	2	
5		AN365-1032	Nut	-	Self Locking	-	-	2	
6		AN931-8-13	Grommet	-	Elastic	-	-	1	
7	9126	250X4	Connector	-	-	-	-	1	
8	3701	145-51001-3	Line Assy	-	Pitot Pressure Wing	-	-	1	
9	3702	145-51031-28	Line Assy	-	Pitot Pressure Fuselage	-	-	1	
10	3703	145-51031-34	Line Assy	-	Pitot Pressure Panel	-	-	1	
11	9128	300X4	Union	-	-	-	-	2	
12	9141	702X4	Tee	-	-	-	-	2	
13	3704	145-51031-30	Sump Assy	-	-	-	-	2	
14	3705	145-51031-32	Line Assy	-	Pitot Static Panel	-	-	1	
15	3706	145-51031-22	Line Assy	-	Pitot Static Forward	-	-	1	
16	3707	145-51031-24	Line Assy	-	Pitot Static Aft	-	-	1	
17	3708	145-51031-26	Line Assy	-	Pitot Static Balance	-	-	1	
18	9121	200X4	Connector	-	-	-	-	1	
19	9142	752X4	Tee	-	-	-	-	1	2-1350
	9139	652X4	Tee	-	-	-	-	1	1351 & Subs
20	9251	42A13995	Tube	-	Static Pressure	-	-	2	2-250
	3709	145-51050	Tube	-	Static Pressure	-	-	2	251 & Subs
21	9252	42A11521	Plate	-	Static Pressure	-	-	2	2-250
	3710	145-51051	Plate	-	Static Pressure	-	-	2	251 & Subs
22	3711	145-51031-20	Line Assy	-	Altimeter to Airspeed Indicator	-	-	1	2-1627
	3711-10	145-51031-66	Line Assy	-	Altimeter to Airspeed Indicator	-	-	1	1627 & Subs
23	3712	145-51031-12	Line Assy	-	Oil Pressure	-	-	1	550-1627
	3712-10	145-51031-62	Line Assy	-	Oil Pressure	-	-	1	1628 & Subs
24	3713	145-51031-14	Line Assy	-	Oil Pressure	-	-	1	550-1627
	3713-10	145-51031-64	Line Assy	-	Oil Pressure	-	-	1	1628 & Subs
25	9128	300X4	Union	-	-	-	-	2	
26	9080	75681	Hose Assy	-	Fuel and Oil Pressure	-	-	2	2-251
	9080	145-51067	Hose Assy	-	Fuel and Oil Pressure	-	-	2	251 & Subs
27	3714	145-51062	Restrictor	-	Oil Pressure	-	-	1	2-1789
	3714	145-51062	Restrictor	-	Fuel Pressure	-	-	1	2-350
	3714-10	145-51054	Elbow	-	Restricted Fuel Pressure	-	-	1	351 & Subs
28	3715	145-51031-10	Line	-	Fuel Pressure	-	-	1	550-1627
	3715-10	145-51031-58	Line	-	Fuel Pressure	-	-	1	1628 & Subs
29	3716	145-51031-16	Line	-	Fuel Pressure	-	-	1	550-1627
	3716-10	145-51031-60	Line	-	Fuel Pressure	-	-	1	1628 & Subs
30	9253	63600	Shaft	-	Tachometer	-	-	1	
31	3717	143-51026-1	Plate	-	Tachometer Shaft Support LH	-	-	1	
	3718	143-51026-2	Plate	-	Tachometer Shaft Support RH	-	-	1	
32	8439	784-10-10	Screw	-	-	-	-	2	
33	9254	439140	Transmitter	-	Fuel Level (Stewart-Warner)	-	-	1	2-1564
	9254-10	145-51071-2	Transmitter	-	Fuel Level (King-Seeley)	-	-	1	1565 & Subs
34	3719	145-51025	Gasket	-	-	-	-	1	2-1564
	3719-10	145-48237	Gasket	-	-	-	-	1	1565 & Subs
35		AN502-10-8	Screw	-	Drilled Fillister Head Machine	-	-	6	
36	8520	2W1F12-12-47	Washer	-	Plain	-	-	2	
37	3721	145-89062-24	Line Assy	-	Manifold Pressure Gauge to Connector	-	-	1	1790 & Subs
	9121	200X4	Connector	-	-	-	-	1	1790 & Subs
	9119	105X4	Nut	-	-	-	-	3	1790 & Subs
38	9128	300X4	Union	-	-	-	-	1	1790 & Subs
39	3722	145-89062-14	Line Assy	-	Connector to Connector (Copper)	-	-	1	1790 & Subs
40		AN931-4-7	Grommet	-	Elastic	-	-	1	1790 & Subs
41		AN742-8	Clamp	-	-	-	-	1	1790 & Subs
		AN742-9C	Clamp	-	-	-	-	1	1790 & Subs
42	9080-10	145-51067-5	Hose Assy	-	Connector to Manifold	-	-	1	1790 & Subs
43	9429	3400X2	Elbow	-	-	-	-	1	1790 & Subs
44	9456	Model A	Thermometer	-	Outside Air Temperature	-	-	1	1790 & Subs
	3723	145-51031-68	Line Assy	-	Rate of Climb Indicator to Altimeter	-	-	1	1790 & Subs
	9119	105X4	Nut	-	-	-	-	2	