



FIGURE 35A - INSTRUMENT SYSTEM
Used On Planes Serial Numbered 2000 And Subsequent

KEY	ITEM NO.	PART NUMBER	1	2	3	4	NOMENCLATURE	UNITS PER ASSY	USAGE
1	3700	145-51030					Tube - Airspeed Pitot - - - - -	1	
2	9250	Q901-A8					Clip - - - - -	2	
3		AN3-11A					Bolt - Aircraft 10-32 - - - - -	2	
4	8324	4S3-10-6					Spacer - Bolt - - - - -	2	
5		AN365-1032					Nut - Self Locking - - - - -	2	
6		AN931-8-13					Grommet - Elastic - - - - -	1	
7	9126	250X4					Connector - (Pitot Tube to Line 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 - (Pitot and Static Lines Connecting) - - - - -	2	
12	9141	702X4					Tee - (Pitot Pressure Line Sump) - - - - -	1	
13	3704	145-51031-30					Sump Assy - Pitot Pressure Line - - - - -	1	
14	3705	145-51031-32					Line Assy - Static Pressure Panel - - - - -	1	
15	3706	145-51031-22					Line Assy - Static Pressure Fuselage Forward - - - - -	1	
16	9139	652X4					Tee - (Static Line Sump) - - - - -	1	
17	9241	3152X3-1/8B					Plug - (Static Line Sump) - - - - -	1	
18	3707	145-51031-24					Line Assy - Static Pressure Fuselage Aft - - - - -	1	
19	3708	145-51031-26					Line Assy - Static Pressure Fuselage Balance - - - - -	1	
20	9121	200X4					Connector - (Static Pressure Balance Line LH) - - - - -	1	
21	9142	752X4					Tee - (Static Pressure Balance Line RH) - - - - -	1	
22	3709	145-51050					Tube - Static Pressure - - - - -	2	
23	3710	145-51051					Plate - Static Pressure Tube Reinforcing - - - - -	1	
24	3711-10	145-51031-66					Line Assy - Altimeter to Airspeed Indicator - - - - -	1	
25	3723	145-51031-68					Line Assy - Altimeter to Rate of Climb Indicator - - - - -	1	
26	3712-10	145-51031-62					Line Assy - Panel to Union or Hose Oil Pressure - - - - -	1	
	9128	300X4					Union - (Oil Pressure Lines Connecting) - - - - -	2	*
	3713-10	145-51031-64					Line Assy - Union to Hose Oil Pressure - - - - -	1	*
27	9530	145-51067-1					Hose Assy - Instrument (Oil Pressure Line) - - - - -	1	Model B
	9531	145-51067-3					Hose Assy - Instrument (Oil Pressure Line) - - - - -	1	*
28	3714	145-51062					Restrictor - Instrument Line (Oil Pressure) - - - - -	1	Model B
	3714-10	145-51054					Elbow Assy - Instrument Line Restrictor (Oil Pressure) - - - - -	1	*
29	3716-10	145-51031-60					Line Assy - Panel to Union or Hose Fuel Pressure - - - - -	1	
	9128	300X4					Union - (Fuel Pressure Lines Connecting) - - - - -	1	*
	3715-10	145-51031-58					Line Assy - Union to Hose Fuel Pressure - - - - -	1	*
30	9080-10	145-51067-5					Hose Assy - Instrument (Fuel Pressure Line) - - - - -	1	Model B
	9530	145-51067-1					Hose Assy - Instrument (Fuel Pressure Line) - - - - -	1	*
31	3714	145-51062					Restrictor - Instrument Line (Fuel Pressure) - - - - -	1	Model B
	3714-10	145-51054					Elbow Assy - Instrument Line Restrictor (Fuel Pressure) - - - - -	1	*
32		AN914-1					Elbow - 90° (Fuel Pressure Line at Carburetor) - - - - -	1	Model B
33	3721-10	145-51031-70					Line Assy - Panel to Union Manifold Pressure - - - - -	1	Model B
	3721	145-89062-24					Line Assy - Panel to Union Manifold Pressure - - - - -	1	*
34	9128	300X4					Union - (Manifold Pressure Lines Connecting) - - - - -	1	
35	700-2	145-53327					Hose Assy - Heater Fuel (Manifold Pressure) - - - - -	1	Model B
	3722-10	145-89062-18					Line Assy - Union to Hose Manifold Pressure - - - - -	1	*
	9080-10	145-51067-5					Hose Assy - Instrument (Manifold Pressure) - - - - -	1	*
36	9121	200X4					Connector - (Manifold Pressure Engine Boss) - - - - -	1	Model B
	9429	3400X2					Ell - (Manifold Pressure Engine Boss) - - - - -	1	*
37	9527	1536403					Shaft - Tachometer - - - - -	1	Model B
	9253	63600					Shaft - Tachometer - - - - -	1	*
38	3717-10	143-51026-3					Plate - Tachometer Shaft Support - - - - -	1	Model B
	3717	143-51026-1					Plate - Tachometer Shaft Support LH - - - - -	1	*
	3718	143-51026-2					Plate - Tachometer Shaft Support RH - - - - -	1	*
39	8439	784-10-10					Screw - Round Head - - - - -	2	
40	9532	L-104-6					Lead - Cylinder Head Temperature Thermocouple - - - - -	1	Model B
	714-2	L-174-10					Lead - Cylinder Head Temperature Thermocouple - - - - -	1	*
41	9533	8T688					Adapter - Cylinder Head Temp Thermocouple (Bayonet Type) - - - - -	1	Model B
42	9534	8T752C5					Thermocouple - Cyl Head Temperature (Bayonet Type) - - - - -	1	Model B
	714-1	8T301G2					Thermocouple - Cyl Head Temperature (18mm Gasket Type) - - - - -	1	*
	714-3	8T302G2					Thermocouple - Cyl Head Temperature (14mm Gasket Type) - - - - -	1	*
43	9254-10	145-51071-2					Transmitter - Main Tank Fuel Level - - - - -	1	
44	3719-10	145-48237					Gasket - Fuel Level Transmitter - - - - -	1	
45		AN502-10-8					Screw - Drilled Fillister Head Machine - - - - -	6	
46		AN936-A8					Washer - Lock (Fuel Transmitter Wire Connecting) - - - - -	1	
47		AN515-8R4					Screw - (Fuel Transmitter Wire Connecting) - - - - -	1	
48	9456	Model A					Thermometer - Outside Air Temperature - - - - -	1	

*NOTE: Not Used On Model B