



FIGURE 26A - HYDRAULIC & BRAKE SYSTEM
Used On Planes Serial Numbered 2000 And Subsequent

KEY	ITEM NO.	PART NUMBER	1	2	3	4	NOMENCLATURE	UNITS PER ASSY	USAGE
1	2900-15	145-58802-44	Line Assy	-	Brake Fitting to Hose	Brake Pressure LH	-	1	
2	2901-10	145-58802-50	Line Assy	-	Brake Fitting to Hose	Brake Pressure RH	-	1	
	2971	145-58228	Bracket	-	Hydraulic Brake Line Support	-	-	1	
	9211	A3046A-4-199	Clamp	-	Loop Type Support Line	-	-	1	
		AN520-10R6	Screw	-	Round Head Machine (Fine Thread)	-	-	1	
		AN365-1032	Nut	-	Self Locking	-	-	1	
3		AN832-4	Union	-	(Lower Brake Hose to Rigid Line Connecting)	-	-	2	
		AN960-716	Washer	-	Plain	-	-	1	
		AN924-4	Nut	-	Bulkhead and Universal Fitting Flared Tube	-	-	1	
4		AN6264-4-15-1/2	Hose Assy	-	(Brake Pressure Line Upper & Lower)	-	-	4	
	2941	145-58213	Clamp	-	Hyd Brake Hose Support	-	-	1	
5		AN837-4	Elbow	-	45° (Brake Hose to Rigid Line Connecting)	-	-	2	
		AN960-A716	Washer	-	Plain	-	-	1	
		AN924-4D	Nut	-	Bulkhead and Universal Fitting Flared Tube	-	-	1	
	2975	145-58403	Clamp	-	Main Landing Gear Hydraulic Hose Lower	-	-	1	
	2976	145-58402	Bracket	-	Main Landing Gear Hydraulic Hose Lower	-	-	1	
		AN520-10R20	Screw	-	Round Head Machine (Fine Thread)	-	-	1	
		AN365-1032	Nut	-	Self Locking	-	-	1	
6	2902-10	145-58802-42	Line Assy	-	Main Landing Gear Brake Pressure LH	-	-	1	
7	2903-10	145-58802-48	Line Assy	-	Main Landing Gear Brake Pressure RH	-	-	1	
		AN742-44	Clamp	-	Loop Type Support	-	-	1	
	9208	A2980A-4-199	Clamp	-	Loop Type Support Line	-	-	1	
		AN520-10R6	Screw	-	Round Head Machine (Fine Thread)	-	-	1	
		AN365-1032	Nut	-	Self Locking	-	-	1	
8		AN832-4D	Union	-	(Upper Brake Hose to Rigid Line Connecting)	-	-	4	
		AN960-A716	Washer	-	Plain	-	-	1	
		AN924-4D	Nut	-	Bulkhead and Universal Fitting Flared Tube	-	-	1	
	2944	145-58230	Bracket	-	Main Landing Gear Hydraulic Hose Upper	-	-	1	
9	2904-10	145-58802-40	Line Assy	-	Tee to Wing Sta 37-1/2 Brake Pressure LH	-	-	1	
10	2905-10	145-58802-46	Line Assy	-	Tee to Wing Sta 37-1/2 Brake Pressure RH	-	-	1	
	9208	A2980A-4-199	Clamp	-	Loop Type Support Line	-	-	2	
		AN530-10R8	Screw	-	Sheet Metal Round Head	-	-	2	
	9006	A1779-10Z-3	Speednut	-	-	-	-	2	
11		AN824-4D	Tee	-	(Brake & Main Ldg Gear Up Line Connecting)	-	-	2	
12	2906-10	145-58801-82	Line Assy	-	Tee to Cylinder Landing Gear Down LH	-	-	1	
13	2908-10	145-58801-84	Line Assy	-	Tee to Cylinder Landing Gear UP LH	-	-	1	
14	2907-10	145-58801-86	Line Assy	-	Tee to Cylinder Landing Gear Down RH	-	-	1	
15	2909-10	145-58801-88	Line Assy	-	Tee to Cylinder Landing Gear UP RH	-	-	1	
	9208	A2980A-4-199	Clamp	-	Loop Type Support Line	-	-	2	
		AN530-10R8	Screw	-	Sheet Metal Round Head	-	-	1	
	9006	A1779-10Z3	Speednut	-	-	-	-	1	
16		AN822-4	Elbow	-	90° (Main Ldg Gear Cylinder Up & Down Port)	-	-	Ref	
17	2945-20	145-58021-5	Restrictor Assy	-	Main Landing Gear Down Line	-	-	1	
		AN825-4	Tee	-	Flared Tube with Pipe Thread on Side	-	-	1	
		AN816-4	Nipple	-	Flared Tube and Pipe Thread	-	-	1	
18		AN6264-4-14-1/2	Hose Assy	-	(Rigid Line to Cylinder Flaps Down)	-	-	1	
19		AN6264-4-11-1/2	Hose Assy	-	(Rigid Line to Cylinder Flaps Up)	-	-	1	
20		AN822-4	Elbow	-	90° (Flap Cylinder Up & Down Port)	-	-	Ref	
21		AN815-4D	Union	-	Flap Hose to Rigid Line Connecting	-	-	2	
22	2911-20	145-58801-106	Line Assy	-	Restrictor to Hose Flaps Down	-	-	1	
23	2910-20	145-58801-108	Line Assy	-	Union to Hose Flaps Up	-	-	1	
24		AN815-4D	Union	-	Flaps Up Line Connecting	-	-	1	
25	2945-10	145-58021-3	Restrictor Assy	-	Flaps Down Line	-	-	2	
		AN816-4	Nipple	-	Flared Tube and Pipe Thread	-	-	1	
26	2912-20	145-58803-84	Line Assy	-	Fuselage Sta 93.435 to 135 Landing Gr Down	-	-	1	
27	2913-15	145-58803-52	Line Assy	-	Fuselage Sta 93.435 to 135 Landing Gr Up	-	-	1	
28	2914-15	145-58803-64	Line Assy	-	Fuselage Sta 93.435 to 128 Flaps Down	-	-	1	
29	2915-15	145-58803-66	Line Assy	-	Fuselage Sta 93.435 to 128 Flaps Up	-	-	1	
30	2916-15	145-58802-52	Line Assy	-	Fuselage Sta 93.435 to 117 Brake Pressure	-	-	1	
	9208	A2980A-4-199	Clamp	-	Loop Type Support Line	-	-	1	
	8355	4S3-D10-28	Spacer	-	Bolt	-	-	1	
		AN3-14A	Bolt	-	Aircraft 10-32	-	-	1	
		AN960-10	Washer	-	Plain	-	-	1	
		AN365-1032	Nut	-	Self Locking	-	-	1	
31	2946	145-58142	Clamp	-	Hydraulic Line Block (Set)	-	-	2	
		AN503-8-16	Screw	-	Drilled Fil Head Machine (Coarse Thread)	-	-	1	
32	2946	145-58142	Clamp	-	Hydraulic Line Block (Set)	-	-	1	
33	2946-10	145-58142-7	Clamp	-	Hydraulic Line Block (Set)	-	-	2	
		AN515-8R-16	Screw	-	Round Head Machine (Coarse Thread)	-	-	2	
		AN960-8	Washer	-	Plain	-	-	2	
		AN365-832	Nut	-	Self Locking	-	-	2	
34		AN824-4D	Tee	-	(Landing Gear Up & Down Lines Connecting)	-	-	3	
35		AN815-4D	Union	-	(Fus Sta 93.438 Brake & Flap Lines Connecting)	-	-	1	
36	2917-15	145-58803-56	Line Assy	-	Ell to Fuselage Sta 93.438 Landing Gr Down	-	-	1	
37	2918-15	145-58803-58	Line Assy	-	Ell to Fuselage Sta 93.438 Landing Gr Up	-	-	1	
38	2919-15	145-58803-62	Line Assy	-	Ell to Fuselage Sta 93.438 Flaps Down	-	-	1	
39	2920-15	145-58803-60	Line Assy	-	Ell to Fuselage Sta 93.438 Flaps Up	-	-	1	
40	2921-15	145-58802-54	Line Assy	-	Ell to Fuselage Sta 93.438 Brake Pressure	-	-	2	
41	2946	145-58142	Clamp	-	Hydraulic Line Block (Set)	-	-	2	
		AN515-8R16	Screw	-	Round Head Machine (Coarse Thread)	-	-	2	
		AN960-8	Washer	-	Plain	-	-	2	
		AN365-832	Nut	-	Self Locking	-	-	1	
42	2924-20	145-58803-88	Line Assy	-	Fuselage Sta 93.438 to Nose Gear Down Line	-	-	1	