



FIGURE 14A - ENGINE CONTROLS
Used On Planes Serial Numbered 2000 And Subsequent

KEY	ITEM NO.	PART NUMBER	1	2	3	4	NOMENCLATURE	UNITS PER ASSY	USAGE
1	2108	145-43009-3					Control Assy - Engine Controls Mixture - - - - -	1	Model B
	2100	145-43009					Control Assy - Engine Controls Mixture - - - - -	1	*
2	2103	145-51061-6					Knob - Instrument Panel Control (Mixture Control) - - -	1	
		AN565A6-3					Screw - Headless Set 6-32 x 3/16 - - - - -	1	
3	2109	145-43009-5					Control Assy - Engine Controls Carburetor Air - - - -	1	Model B
	2101	145-43010					Control Assy - Engine Controls Carburetor Air - - - -	1	*
4	2103	145-51061-6					Knob - Instrument Panel Control (Carburetor Air) - - -	1	Model B
		AN565A6-3					Screw - Headless Set 6-32 x 3/16 - - - - -	1	
	2104	145-51061-3					Knob - Instrument Panel Control (Carburetor Air) - - -	1	*
5	2102	145-43011					Control Assy - Engine Throttle (Includes Knob) - - - -	1	
6	2107	2K04 (Grey)					Knob - Engine Throttle Control (Lettered) - - - - -	1	
7	2110	146-31514					Control Assy - Cowl Flap - - - - -	1	
8	2103	145-51061-6					Knob - Instrument Panel Control (Cowl Flap Control) - -	1	
		AN565A6-3					Screw - Headless Set 6-32 x 3/16 - - - - -	1	
9	2111	146-31510-7					Spacer - Cowl Flap Control Panel Mounting - - - - -	1	
10	9523	3A665 (1/4)					Swivel Assy - (Mixture Control) - - - - -	1	Model B
	9154	X3058 (1/4)					Swivel Assy - (Mixture Control) - - - - -	1	*
11	9522	3A665 (3/32)					Swivel Assy - (Carburetor Air Control) - - - - -	1	Model B
	9155	X3058 (3/32)					Swivel Assy - (Carburetor Air Control) - - - - -	1	*
12	9151	P44-14					Rod End - Spherical (Throttle Control) - - - - -	1	
13		AN316-4R					Nut - Aircraft Check - - - - -	1	
14		AN4-13					Bolt - Aircraft 1/4-28 - - - - -	1	
15	8481	2W1-16-20-63					Washer - Plain - - - - -	1	
16	8331	4S3-416-8					Spacer - Bolt - - - - -	1	
17		AN960-416					Washer - Plain - - - - -	1	
18		AN310-4					Nut - Aircraft Castle - - - - -	1	
19		AN380-2-2					Pin - Cotter - - - - -	1	
20		AN486-1					Clevis - Rod End Adjusting (Cowl Flap Control) - - -	2	
21		AN4-10					Bolt - Aircraft 1/4-28 - - - - -	1	
22		AN960-416					Washer - Plain - - - - -	1	
23		AN310-4					Nut - Aircraft Castle - - - - -	1	
24		AN380-2-2					Pin - Cotter - - - - -	1	
25	2112	146-31515-1					Plate - Cowl Flap Control Support LH Outer - - - - -	1	*
	2112-10	146-31515-5					Plate - Cowl Flap Control Support LH Outer - - - - -	1	Model B
26	2113	146-31515-2					Plate - Cowl Flap Control Support LH Inner - - - - -	1	*
	2113-10	146-31515-6					Plate - Cowl Flap Control Support LH Inner - - - - -	1	Model B
27	2114	146-31515-4					Plate - Cowl Flap Control Support RH Outer - - - - -	1	
28	2115	146-31515-3					Plate - Cowl Flap Control Support RH Inner - - - - -	1	
29		AN520-10R10					Screw - Round Head Machine (Fine Thread) - - - - -	2	
30	2116	146-31510-3					Bracket - Cowl Flap Control Mounting LH - - - - -	1	
31	2117	146-31510-5					Bracket - Cowl Flap Control Mounting RH - - - - -	1	
32	2118	146-43001-3					Clip - Engine Controls Mounting - - - - -	2	Model B
	9158	295004					Strap - Web (Engine Controls Mounting) - - - - -	4	*
33	2119	145-43001-5					Clip - Engine Controls Mounting (Throttle Control) - -	1	
34	2105	145-43006					Seal - Engine Controls Firewall Attaching - - - - -	1	
35	2106	145-43001-8					Cover - Engine Controls Firewall Attaching Seal - - -	1	
36		AN515-8R10					Screw - Round Head Machine (Coarse Thread) - - - -	4	
37		AN960-10					Washer - Plain - - - - -	4	
38		AN365-832					Nut - Self Locking - - - - -	4	
39	2120	146-43001-5					Bracket - Engine Controls Engine Mount Attaching - -	1	Model B
40		AN520-10R7					Screw - Round Head Machine (Fine Thread) - - - - -	2	
41		AN365-1032					Nut - Self Locking - - - - -	2	
42		AN742-3					Clip - Loop Type Support (Engine Controls Mounting) -	5	Model B
		AN931-3-9					Grommet - Elastic (Engine Controls Mounting) - - - -	2	*
43		AN742-4					Clip - Loop Type Support (Engine Controls Mounting) -	4	Model B
		AN931-5-9					Grommet - Elastic (Engine Controls Mounting) - - - -	1	*
44		AN742-5					Clip - Loop Type Support (Cowl Flap Control Mounting) -	5	
45		AN742-6					Clip - Loop Type Support (Cowl Flap Control Mounting) -	1	
46		NAS43DD-3-32					Spacer - Screw and Bolt (Cowl Flap Control Mounting) -	1	
47	2121	146-54017-6					Arm Assy - Warning Horn Switch Actuating - - - - -	1	Model B

*NOTE: Not Used On Model B