

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
27A-1	451 608	A	TAIL WHEEL ASSEMBLY - (Maule SFS-14 P8G-8)	1	
-2	751 234		AXLE	1	
-3	751 780		FORK	1	
-4	751 389		BEARING - Oilite	1	
-5	752 900		ARM ASSEMBLY - Steering	1	
-6	753 001		TIRE - 8 x 3:00 x 4	1	
-7	751 533		CAP - Hub	1	
-8	752 835		RING - Sirclip	1	
-9	753 002		TUBE	1	
-10	752 487		NUT - Axle	1	
-11	751 931		HUB - Inside (with bearing)	1	
-12	751 423		BEARING - Inside (1621)	1	
-13	751 424		BEARING - Oilite (SR381)	1	
-14	751 932		HUB - Outside	1	
-15	751 422		BOLT - Hub	3	
-16	753 165		LOCK WASHER	3	
-17	751 779		FELT	1	
-18	752 834		RETAINER - Felt	1	
A - When ordering replacement tail wheels or their component parts, be sure and check the number on the tail wheel nameplate for positive parts identification. This number is the same as appears after the nomenclature of the tail wheel assemblies listed in this parts book. The Maule tail wheel is identified by the word Maule stamped on the tire.					

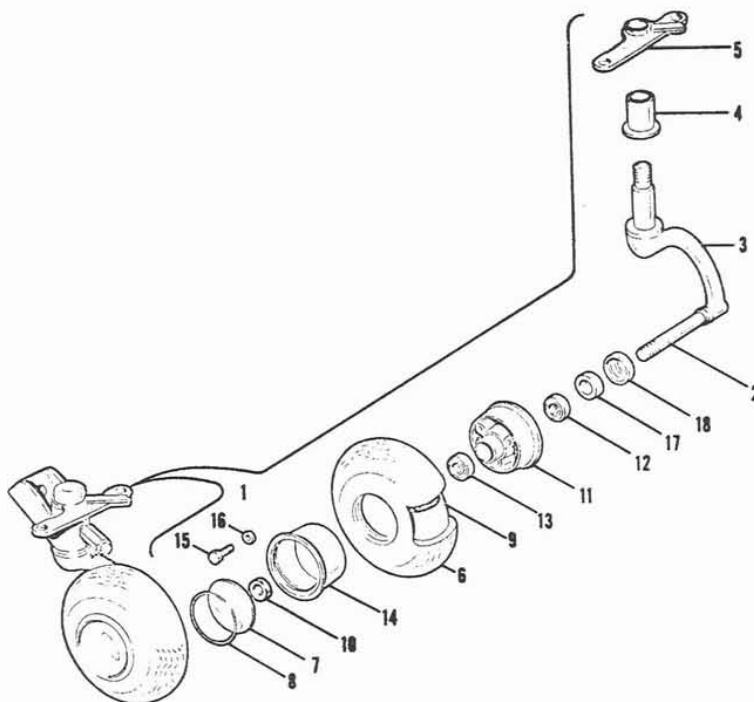


Figure 27A. Tail Wheel Installation
8" Maule

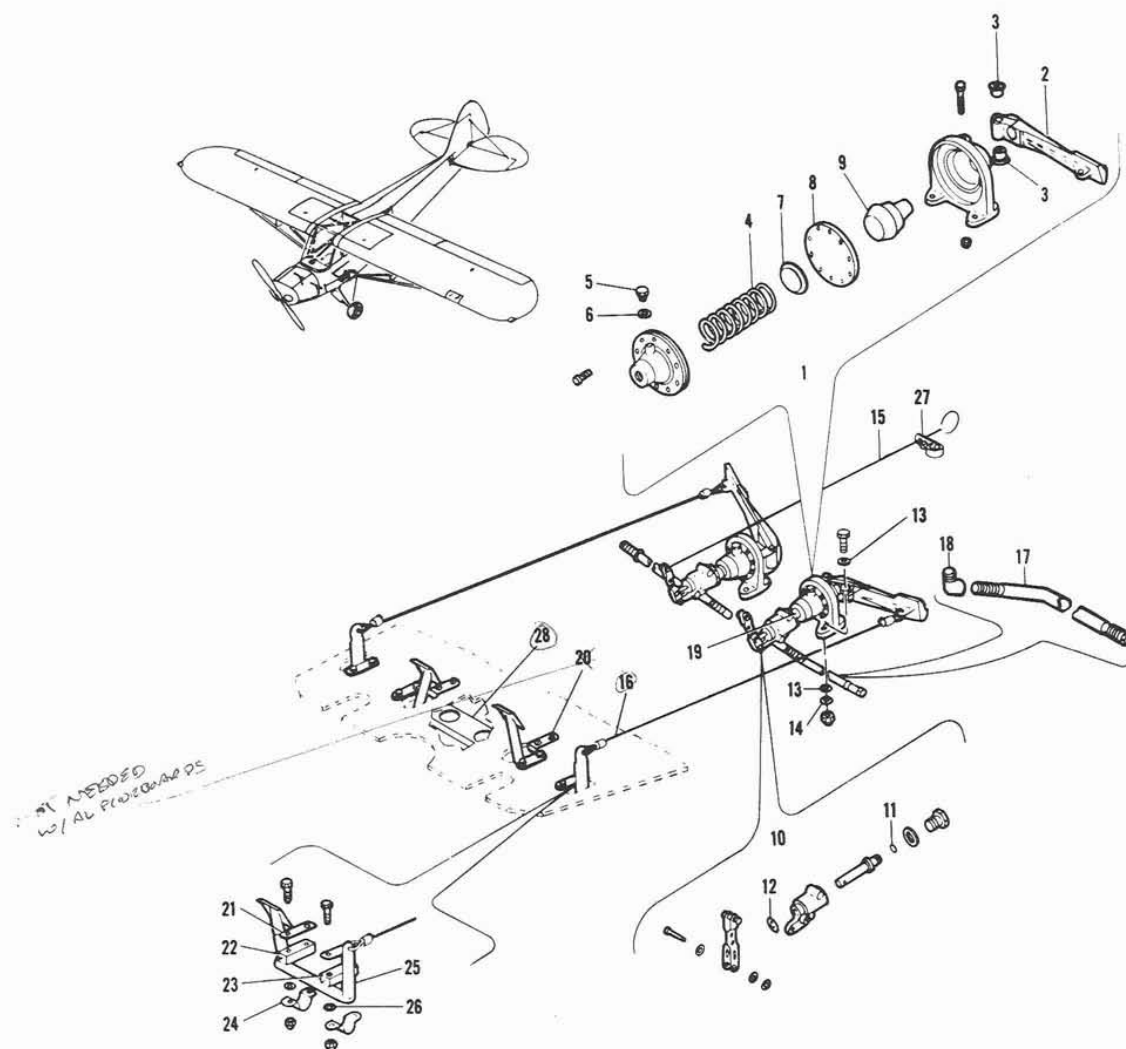


Figure 28. Brake Installation

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
28-	12977 14569		DRAWING - Parking Brake Installation DRAWING - Brake Installation		
-1	451 709 451 710		CYLINDER - Master brake, Scott, LH (was 451 700) CYLINDER - Master brake, Scott, RH (was 451 701)	1 1	
-2	750 999 750 998		PEDAL - LH (with bushing) PEDAL - RH (with bushing)	1 1	
-3	750 997		BUSHING	2	
-4	750 386		SPRING	1	
-5	750 387		SCREW - Vent (B-1258)	1	
-6	750 379		GASKET - Vent (B-1159)	1	
-7	752 688		PAD - Diaphragm (was 750 385)	1	
-8	750 384		DIAPHRAGM	1	
-9	750 295		PISTON	1	
-10	492 023		VALVE - Parking brake (No. 4200-A1)	2	
-11	752 791		RING - "O", 1/4 OD x 1/8" ID (10V70-S7-1)	1	
-12	752 798		RING - "O", 3/8 OD x 1/4" ID (10V70-S7-5)	1	
-13	80122-11		WASHER	6	
-14	80122-07		WASHER	2	
-15	752 788		ROD - Brake lock control (No. 415)	2	
-16	41581-04		ROD - Tie	2	
-17	71061-04		LINE ASSEMBLY - Flexible	2	
-18	460 663		ELBOW - 45°, No. 3350 x 2	2	
-19	752 475		NIPPLE - Close, 1/8"	2	
-20	41561-00 14570-00 14570-01		STOP - Pedal PLATE - Heel, cockpit floor, LH PLATE - Heel, cockpit floor, RH	2 1 1	18-1 to 18-4314 inclusive 18-4315 and up 18-4315 and up
-21	81262-08		LINK - Pedal	4	
-22	41531-00		BLOCK - Pedal, inner	2	
-23	41521-00		BLOCK - Pedal, outer	2	
-24	80222-03		CLAMP - Pedal	4	
-25	10734-00 10734-01		PEDAL ASSEMBLY - Brake, LH PEDAL ASSEMBLY - Brake, RH	1 1	
-26	85012-04 85012-05		WASHER - Shim WASHER - Shim	AR AR	
-27	751 492		CLAMP - Brake installation (2715-1)	2	
-28	12944-00		CHANNEL - Reinforcement	1	18-357 and up

When ordering, always specify Part Number, Description and Serial Number of Aircraft

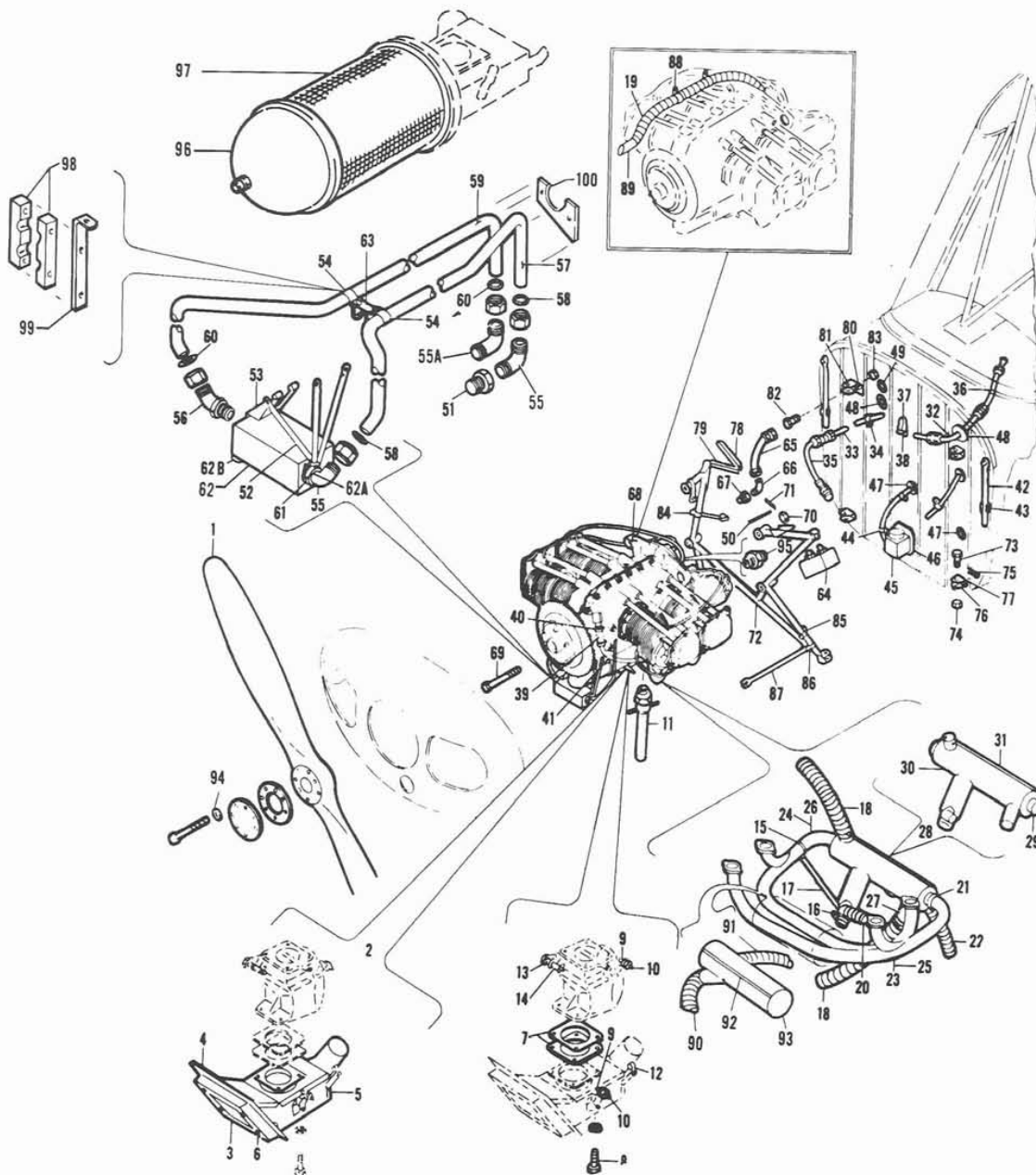


Figure 29. Power Plant Installation, Lycoming

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
29-	12447 12447 14368		DRAWING - Power Plant, "105" (Rev. A to Y inclusive) DRAWING - Power Plant, "125" and "135" DRAWING - Oil Radiator Installation		18-3461, 18-3464, 18-3466 to 18-3469, 18-3472 to 18-3475, 18-3477 to 18-3486, 18-3488 to 18-7595 inclusive 18-3771 to 18-6963 inclusive
	14468 14480 13724	A	DRAWING - Power Plant, "150" DRAWING - Conversion Instructions, 150 HP to 135 HP DRAWING - Oil Radiator Installation "135"		18-1215 to 18-3460, 18-3462, 18-3463, 18-3465, 18-3470, 18-3471, 18-3476 and 18-3487
	14728 15531 15013	A H	DRAWING - Oil Radiator Installation DRAWING - Oil Radiator Installation DRAWING - Power Plant "150"		18-7596 and up 18-7409140 and up 18-6964 and up
-1	450 946 450 938 450 940 450 940		PROPELLER - Wood, No. 74FM48, "105" PROPELLER - Wood, No. 74FM50, "125" (PA-18A only) PROPELLER - Wood, No. 74FM52, "125" and "135" PROPELLER - Wood, No. 74FM52, "135"	1 1 1 1	18-1215 to 18-1969 inclusive (PA-18 only) 18-549 to 18-3781 (PA-18A only) 18-1812 to 18-3770 and 18-3772 to 18-3785 inclusive
	751 193 450 983 450 981 450 996 450 994 450 995	B G	PROPELLER - Metal, No. M76AM-2-44, "105" PROPELLER - Metal, No. M76AM-2-52, "135" PROPELLER - Metal, No. M76AM-2-50, "125" PROPELLER - Sensenich metal, 74DM6-0-56 "150" PROPELLER - Sensenich metal, 74DM6-0-54 "150" PROPELLER - M74DM-55 (Used when 89-2000 floats are installed) "150"	1 1 1 1 1 1	18-1810 to 18-4617 inclusive 18-549 to 18-1969 inclusive
	450 992		PROPELLER - M74DM-52 (Used on restricted category PA-18A "150" airplanes)	1	18-3771, 18-3781 and up
-2	11950-05 13765-02 14249-00 14444-00	A C,E	BOX ASSEMBLY - Carburetor air intake, "105" and "125" BOX ASSEMBLY - Carburetor air intake, "135" BOX ASSEMBLY - Carburetor air, complete, "135" BOX ASSEMBLY - Carburetor air, complete, "150"	1 1 1 1	18-1810 to 18-3013 inclusive 18-3014 to 18-4617 inclusive 18-3771 to 18-6963 inclusive
-3	460 639 460 638	A,E	FILTER ASSEMBLY - Air "105" and "125" FILTER - Air, "135" (PAC No. 13681-00) "150"	1 1	
-4	11950-04		BAFFLE - Leather, "105", "125", "135" and "150"	1	
-5	11950-07 14253-02 14253-05 15005-00	D,E F	BOX ASSEMBLY - Less filter, "105", "125" and "135" BOX ASSEMBLY - Less filter, "135" BOX ASSEMBLY - Less filter, "150" BOX ASSEMBLY - Less filter, "150"	1 1 1 1	18-1 to 18-3013 inclusive 18-3014 and up 18-3771 to 18-6963 inclusive 18-6964 and up
-6	487 569 487 571 480 650 85012-60 487 542 406 355	A	STUD - (No. 98293-8-1100) "105" and "125" STUD - Attachment (No. 98293-15-2.100) "135" PIN - (No. 99785-2) "105", "125" and "135" WASHER STUD - Ball (P116-421-12-24A) NUT - Tinnerman (A6052-632-1)	4 4 4 4 4 4	18-3014 and up 18-3014 to 18-6963 inclusive 18-3014 and up

When ordering, always specify Part Number, Description and Serial Number of Aircraft

SECTION VI
Power Plant Group

POWER PLANT INSTALLATION
LYCOMING

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
29-7	73451-03		PLATE - Attachment (1 per airplane for "150")	2	
-8	10836-02		SCREW - Cap, air box to carburetor, "105", "125" & "135"	4	
	401 918		BOLT - (AN74A-3) Air box to carburetor attachment "150"	4	
-9	91193-00		FITTING - Swivel, mixture control cable attachment	1	
	70371-02		FITTING - Swivel, carburetor heat control attachment at carburetor	1	
-10	70371-03		STUD - Mixture and carburetor heat control cable attachment	2	
-11	12956-04		VALVE ASSEMBLY - Oil drain	1	
-12	80032-34		CLAMP - Carburetor heat control cable attachment	1	
-13	82732-08		BUSHING - Spacer, throttle control attachment	1	
-14	80022-68		BUSHING - Spacer, throttle control attachment	1	
-15	10466-21		CLAMP - Tail pipe support, top	1	
-16	80002-20		CLAMP - Tail pipe support, bottom	1	18-1 to 18-3770 inclusive, 18-3772 to 18-3780 inclusive
	10466-33		CLAMP - Tail pipe support tube installation, bottom	1	18-3771, 18-3781 and up
-17	13003-00		TUBE - Tail pipe support	1	
-18	101 980		TUBE - Flexible, aluminum 2-1/8" OD	27"	
	10525-32		HOSE - Right rear baffle to muffler shroud	1	18-3771, 18-3781 and up
-19	101 980		TUBE - Flexible, aluminum 2-1/8" OD	32"	18-549 to 18-1969 inclusive
-20	10525-05		HOSE - Flexible, shroud to carburetor air box	1	18-1 to 18-3013 inclusive
	10525-15		HOSE - Tail pipe shroud to carburetor air box	1	18-3014 to 18-3770 inclusive, 18-3772 to 18-3780 inclusive
	10525-18		HOSE - Tail pipe shroud to carburetor air box	1	18-3771, 18-3781 and up
-21	70591-02		CLAMP ASSEMBLY - Exhaust stack to muffler	2	18-1 to 18-3013 inclusive
	14235-00		CLAMP ASSEMBLY - Exhaust stack and muffler attachment	2	18-3014 and up
-22	10525-03		HOSE - Flexible, muffler to cabin heater	1	18-1 to 18-3013 inclusive
	10525-18		HOSE - Muffler to cabin heater	1	18-3014 and up
-23	12457-02		STACK ASSEMBLY - Exhaust, front cylinder, "105"	1	
-24	12457-03		STACK ASSEMBLY - Exhaust, rear cylinder, "105"	1	
-25	12457-12		STACK ASSEMBLY - Front cylinders "125", "135" and "150" (12457-08)	1	
-26	12457-13		STACK ASSEMBLY - Rear cylinders "125", "135" and "150" (12457-09) (12457-11)	1	
-27	12539-00	A	ELBOW ASSEMBLY - Air intake, muffler to flexible tube	1	
-28	12437-00		MUFFLER ASSEMBLY - Complete, "105", "125" and "135"	1	
	14434-02		MUFFLER ASSEMBLY - Complete, "150" (14434-00)	1	
-29	12433-14		MUFFLER ASSEMBLY - Less shroud (12433-00)	1	
-30	12436-00		SHROUD ASSEMBLY - Muffler, "105", "125" and "135"	1	
	12436-10		SHROUD - Muffler, "150"	1	
-31	71261-05		CLIP ASSEMBLY - Shroud	1	
-32	15216-00		HOSE ASSEMBLY - Flexible, oil pressure	1	
-33	82332-26		TUBE ASSEMBLY - Non-flexible, oil pressure	1	
-34	80032-51		CLAMP - Attachment, oil pressure line	1	
-35	71061-00		HOSE - Flexible, oil pressure line	1	
-36	82332-28		TUBE ASSEMBLY - Non-flexible, oil pressure line, 24" L	1	
	82332-38		TUBE ASSEMBLY - Non-flexible, oil pressure line, 13-1/2" L	1	
					A - Used on PA-18 airplanes with serial numbers 18-1 to 18-621 inclusive, 18-723 to 18-733 inclusive, 18-736, 18-739 and 18-741.

When ordering, always specify Part Number, Description and Serial Number of Aircraft

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
29-37	454 890	A	CLIP - Tinnerman (No. A2828-022-16) "135" and "150" throttle control cable on firewall	1	18-1970 and up
-38	14174-00	A	ANGLE - Support throttle control cable, "135" and "150"	1	18-1970 and up
-39	74311-00		HOSE - Flexible, breather line, connector, "105", "125" and "135"	1	
	82371-56		HOSE - Flexible, engine breather line connector, "150"	1	
-40	454 882		CLAMP - 1", oil breather line, "105", "125" and "135"	2	
	554 947		CLAMP - (SAE TY F-10SS) Oil breather line, "150"	2	
-41	11957-00		TUBE - Breather, "105", "125" and "135"	1	
	14441-00		TUBE - Engine breather, "150"	1	
-42	12414-00		TUBE - Hold up, cowl side	2	
-43	454 873		CLIP - Cowl hold up tube	2	
-44	454 887		CLAMP - Tinnerman, cabin heat and mixture control cable	5	
	454 927		CLAMP - Tinnerman, (A4980S-2-91) primer line attachment	4	18-3771, 18-3781 and up
-45	12353-00		BOX ASSEMBLY - Cabin heat	1	
-46	12440-00		PLATE - Inside firewall	1	
-47	434 134		GROMMET - Rubber (AN931-6-10) Carburetor and cabin heat control	2	
-48	434 142		GROMMET - Rudder (AN931-14-20) Tachometer shaft, throttle mixture control	3	
-49	434 134		GROMMET - Rubber (AN931-6-10) Air vent control cable	1	18-2168 and up
-50	12797-00		PLATE - Lock, oil cooler, "125"	1	
-51	451 855	A	ADAPTER - (W/H 3200 x 6) "125", "135" and "150"	1	
-52	13725-00	A,B	BRACKET ASSEMBLY - Support, LH, "135" and "150"	1	
	13725-07		BRACKET ASSEMBLY - Oil radiator support, LH	1	18-4658 and up
-53	13720-00	A,B	BRACKET ASSEMBLY - Support, RH, "135" and "150"	1	
	13720-04		BRACKET ASSEMBLY - Oil radiator support, RH	1	18-4658 and up
-54	13711-00	A,C	BRACKET ASSEMBLY - Support, "135"	2	
	454 933		CLAMP - Tinnerman (A409-S-8-91) bracket attachment	2	18-3771, 18-3781 and up
-55	458 931	A,D	ELBOW - (No. 905-8B) "135" and "150"	2	
-55a	458 931	A	ELBOW - (No. 905-8B) "135" and "150"	1	
	458 898	G	ELBOW - (AN822-8D)	1	18-7409140 and up
-56	458 932	A	ELBOW - (No. 1100-8) "135" and "150"	1	
	476 664	G	NIPPLE - (AN816-8D) "150"	1	18-7409140 and up
-57	13723-00	A,E	LINE ASSEMBLY - LH, outlet, "135"	1	
	14367-00	F	LINE ASSEMBLY - Oil cooler, left, outlet	1	
	14623-00		LINE ASSEMBLY - Oil cooler, left, outlet	1	18-7596 and up
			A - Also used on model "125" PA-18 and PA-18A airplanes when model 89-2000 floats are installed. B - Used on models "135" and "150" PA-18 and PA-18A airplanes with serial numbers 18-1810 to 18-4657 inclusive. C - Used on airplanes with serial numbers 18-1215 to 18-3770 inclusive and 18-3772 to 18-3780 inclusive. D - Two (2) required for airplanes with serial numbers 18-3461, 18-3464, 18-3466 to 18-3469 inclusive, 18-3472 to 18-3475 inclusive, 18-3477 to 18-3486 inclusive, 18-3488 to 18-7595 inclusive. E - Used on airplanes with serial numbers 18-1810 to 18-3460 inclusive, 18-3462, 18-3463, 18-3465, 18-3470, 18-3471, 18-3476 and 18-3487. F - Used on airplanes with serial numbers 18-3461, 18-3464, 18-3466 to 18-3469 inclusive, 18-3472 to 18-3475 inclusive, 18-3477 to 18-3486 inclusive, 18-3488 to 18-7595 inclusive. G - Used if 60 amp alternator is installed.		

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SECTION VI
Power Plant Group

POWER PLANT INSTALLATION
LYCOMING

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
29-58	484 654	A	RING - Seal, "135" and "150"	2	
-59	13722-00	A,B	LINE ASSEMBLY - RH, inlet, "135"	1	
	14366-00	C	LINE ASSEMBLY - Oil cooler, right, inlet	1	
	14624-00		LINE ASSEMBLY - Oil cooler, right, inlet	1	18-7596 and up
	39995-35	D	HOSE ASSEMBLY - Oil cooler, right, inlet	1	18-7409140 and up
-60	484 654	A	RING - Seal, "135" and "150"	2	
-61	13726-00	A	PLATE - Lock, "135" and "150"	2	
-62	455 168	A	RADIATOR - Oil cooler, 12 plate (PAC No. 14206-00)		
			"135" and "150"	1	
-62a	752 494		NUT - Oil radiator	2	
-62b	453 647		BUMPER - Oil radiator, snap in (4235)	4	18-3771, 18-3781 and up
-63	14054-00	A	STRAP - Bracket support, "135"	1	
	14549-00		BRACKET - Line support, oil radiator	1	18-3771, 18-3781 and up
-64	455 162		RADIATOR - Oil cooler, "125"	1	
-65	465 134		HOSE ASSEMBLY - Oil cooler 16-3/4" (12762-04) "125"	2	
-66	458 924		ELBOW - (W/H 49 x 6B) "125" (oil radiator line)	2	
-67	451 855		ADAPTER - (W/H 3200 x 6) "125" and "135"	1	
-68			ENGINE - Lycoming (O-235-C1) "105"	1	
			ENGINE - Lycoming (O-290-D) "125"	1	
			ENGINE - Lycoming (O-290-D2) "135"	1	
			ENGINE - Lycoming (O-320) "150"	1	
-69	400 321		BOLT - (AN8-44)	4	
-70	404 105		NUT - (AN310-8)	4	
-71	424 059		PIN - Cotter (AN380-3-3)	4	
-72	12351-15		MOUNT ASSEMBLY - Engine, "105", "135" and "150"	1	
	12351-11		MOUNT ASSEMBLY - Engine, "125"	1	
-73	400 211		BOLT - (AN6-16)	4	
-74	404 103		NUT - (AN310-6)	4	
-75	424 059		PIN - Cotter (AN380-3-3)	4	
-76	81102-17		WASHER - Attachment, steel	4	
-77	80122-43		WASHER - Attachment, fibre	3	
-78	12411-02		HINGE - Motor mount, rear	1	
-79	12410-00		HINGE - Motor mount, front	1	
-80	12409-00		LUG - Hinge attachment	1	
-81	12213-00		BRACKET ASSEMBLY - "U"	4	
-82	401 400		BOLT - (AN6-20A)	4	
-83	406 683		NUT - Elastic stop (42E054)	4	
-84	12408-00		CLAMP ASSEMBLY - Throttle control	1	
-85	12407-00		CLAMP ASSEMBLY - Mixture control	1	
-86	80002-27		CLAMP - Cowl support tube	2	
-87	12350-00		TUBE - Cowl support	2	
			A - Also used on model "125" PA-18 and PA-18A airplanes when model 89-2000 floats are installed. B - Used on airplanes with serial numbers 18-1810 to 18-3460 inclusive, 18-3462, 18-3463, 18-3465, 18-3470, 18-3471, 18-3476 and 18-3487. C - Used on airplanes with serial numbers 18-3461, 18-3464, 18-3466 to 18-3469 inclusive, 18-3472 to 18-3475 inclusive, 18-3477 to 18-3486 inclusive, 18-3488 to 18-7595 inclusive. D - Used if 60 amp alternator is installed.		

When ordering, always specify Part Number, Description and Serial Number of Aircraft

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
29-88	80002-62	A,B	CLAMP - Round, flexible air intake tube	2	
-89	14189-00	A,B	TUBE ASSEMBLY - Air intake	1	
-90	10525-14		HOSE - Exhaust stack shroud to bottom cowl	1	18-3014 and up
-91	10525-19		HOSE - Exhaust stack shroud to muffler shroud	1	18-3014 and up
-92	71261-07		CLIP - Shroud, exhaust stack	1	18-3014 and up
-93	14239-00		SHROUD - Exhaust stack	1	18-3014 and up
-94	80122-55		WASHER - Attaching propeller	6	
-95	455 158	C	CONNECTOR - Male, oil outlet port (500 x 8)	1	
-96	15007-00	D	DOMES - Carburetor air filter	1	18-6964 and up
-97	454 118	D	CARTRIDGE - Air filter	1	18-6964 and up
-98	15020-00		BLOCK - Line attachment	2	18-7596 and up
-99	15019-00		BRACKET - Baffle reinforcement	1	18-7596 and up
-100	15158-00		PLATE - Baffle reinforcement "150"	1	18-7596 and up
	15530-02	E	PLATE - Baffle reinforcement "150"	1	18-7409140 and up
A - Used on PA-18 airplanes with serial numbers 18-549 to 18-1969 inclusive. B - Used when model 89-2000 floats installed on PA-18 and PA-18A airplanes model "125" only. C - Used on airplanes with serial numbers 18-3461, 18-3464, 18-3466 to 18-3469 inclusive, 18-3472 to 18-3475 inclusive, 18-3477 to 18-3486 inclusive, 18-3488 to 18-7595 inclusive. D - Not used on seaplanes. E - Used if 60 amp alternator is installed.					

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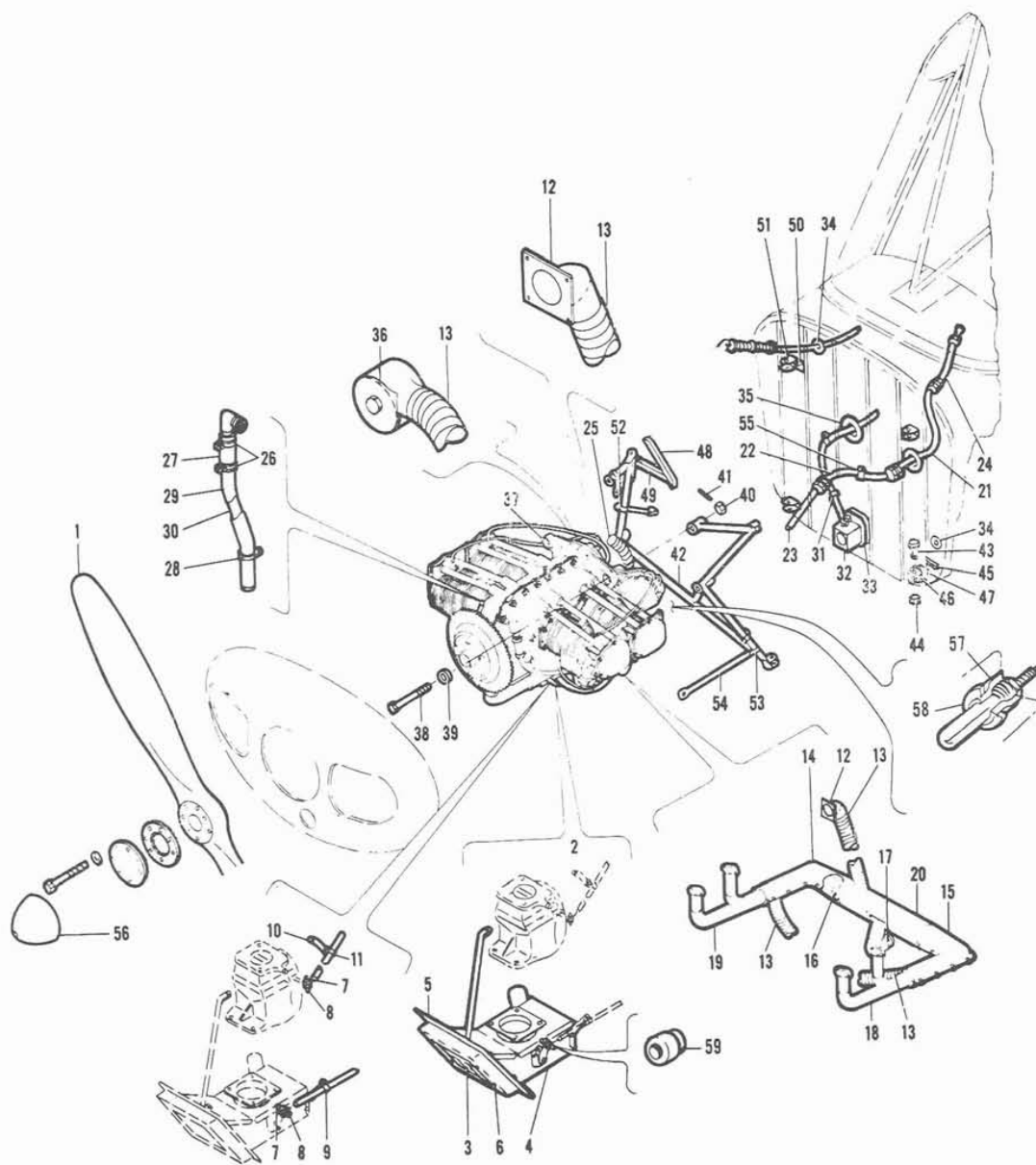


Figure 30. Power Plant Installation, Continental

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
30-	12242		DRAWING - Power Plant		
-1	450 930		PROPELLER - Wood (No. 72GK50)	1	
-2	15087-00		BOX ASSEMBLY - Carburetor air	1	
-3	460 639		FILTER ASSEMBLY - Air	1	
-4	15087-04		BOX - Less filter	1	
-5	11950-04		BAFFLE - Leather	1	
-6	487 569		STUD - Attachment (No. 98293-8-1.00)	4	
	480 650		PIN - Attachment (No. 99785-2)	4	
-7	91193-00		FITTING - Swivel, mixture control attachment	1	
-8	70371-03		STUD - Mixture and carburetor heat control attachment	2	
-9	80032-34		CLAMP - Carburetor heat control cable	1	
-10	81262-19		LINK - Mixture control cable	1	
-11	454 887		CLAMP - Attachment, mixture control cable	4	
-12	12372-00		TAKE-OFF ASSEMBLY - (1 per ship C-90-12F engine) (2 per ship C-90-8F engine)		
-13	101 980		TUBE - Flexible aluminum 2-1/8" OD (when electrical equipment is not installed)	50"	
	101 980		TUBE - Flexible aluminum 2-1/8" OD (when electrical equipment is installed)	74"	
-14	10845-00		SHROUD - Exhaust, right upper	1	
	10846-00		SHROUD - Exhaust, right lower	1	
-15	10764-00		SHROUD - Exhaust, left upper	1	
	10843-00		SHROUD - Exhaust, left lower	1	
-16	70591-02		CLAMP ASSEMBLY - Muffler to stack	2	
-17	10525-06		HOSE - Flexible, cabin heat	1	(PA-18 only) 18-1 to 18-3013
	10525-17		HOSE - Flexible, cabin heat to muffler connector	1	(PA-18 only) 18-3014 and up
-18	12232-00		STACK AND MUFFLER ASSEMBLY - Exhaust, LH	1	
-19	12233-00		STACK ASSEMBLY - Exhaust, RH	1	
-20	12226-00		SHROUD ASSEMBLY - Muffler	1	
-21	15216-00		HOSE ASSEMBLY - Flexible, oil pressure	1	
-22	82332-26		TUBE ASSEMBLY - Non-flexible, oil pressure	1	
-23	71061-00		HOSE ASSEMBLY - Flexible, oil pressure	1	
-24	82332-28		TUBE ASSEMBLY - Non-flexible, oil pressure	1	
-25	85052-13		TUBE - Flexible aluminum (used only with C-90-12F engine to generator)	1	
-26	454 882		CLAMP - 1" Hose	2	
-27	74311-00		HOSE - Flexible, breather line connector	1	
-28	72941-02		CLAMP ASSEMBLY - Breather line	1	
-29	10516-00		COVER - Breather tube	1	
-30	84332-00		TUBE - Engine breather	1	
-31	454 887		CLAMP - Attachment, cabin heat control (No. A2980S-3-199A)	2	
-32	12315-00		BOX ASSEMBLY - Cabin heat	1	
-33	12320-00		PLATE - Cabin air intake, inside firewall	1	
-34	434 134		GROMMET - Rubber (AN931-6-10) (Starter and carburetor heat control cable)	2	
-35	434 142		GROMMET - Rubber (AN931-14-20), cabin heat control and throttle control	2	
-36	12230-00		PLATE - Oil well baffle (used only with C-90-12F engine)	1	
-37			ENGINE - Continental C-90-8F	1	
			ENGINE - Continental C-90-12F, electrical	1	
-38	400 275		BOLT - (AN7-36)	4	
-39	80122-43		WASHER - Fibre, mount to engine	AR	

When ordering, always specify Part Number, Description and Serial Number of Aircraft

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
30-40	404 104		NUT - (AN310-7)	4	
-41	424 059		PIN - Cotter (AN380-3-3)	4	
-42	12209-00		MOUNT ASSEMBLY - Engine	1	
-43	400 211		BOLT - (AN6-16)	4	
-44	404 103		NUT - (AN310-6)	4	
-45	424 059		PIN - Cotter (AN380-3-3)	4	
-46	81102-17		WASHER - Motor mount attachment, steel	4	
-47	80122-43		WASHER - Motor mount attachment, fibre	3	
-48	12411-02		HINGE - Motor mount, rear	1	
-49	12410-00		HINGE - Motor mount, front	1	
-50	12409-00		LUG - Motor hinge attachment	1	
-51	12213-00		BRACKET - "U", engine mount attachment	4	
-52	70801-00		CLAMP ASSEMBLY - Throttle control	1	
-53	80002-27		CLAMP - Cowl support tube	2	
-54	10817-03		TUBE - Cowl support, LH	1	
	10817-02		TUBE - Cowl support, RH	1	
-55	80002-03		CLAMP - Oil pressure line, at magneto	2	
-56	750 709		SPINNER ASSEMBLY - Propeller (3M-168)	1	
-57	451 851		ADAPTER - Oil temperature line installation (AH-1172-C)	1	(PA-18 only) 18-3014 and up
-58	462 012		WASHER - Adapter, oil temperature line installation (AH-1522)	1	(PA-18 only) 18-3014 and up
-59	70371-02		FITTING - Swivel carburetor heat control attachment (at carburetor)	1	

When ordering, always specify Part Number, Description and Serial Number of Aircraft

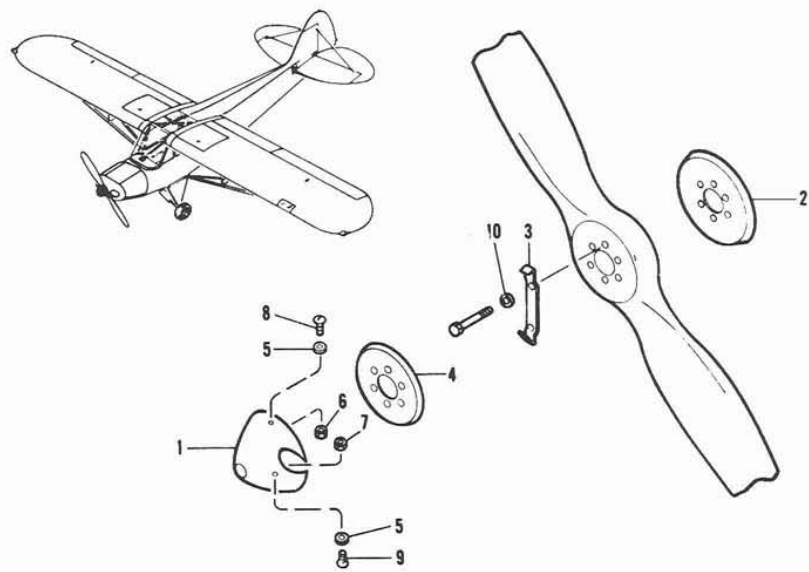


Figure 31. Spinner Installation

SPINNER INSTALLATION
(Lycoming)

SECTION VI
Power Plant Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
31-1	12416-00	A	SPINNER ASSEMBLY - (Sensenich metal propeller)	1	
	10246-00	A	SPINNER ASSEMBLY - (Sensenich wood propeller)	1	
	13668-00	B	SPINNER ASSEMBLY - (Sensenich wood propeller)	1	
	13163-00	C	SPINNER ASSEMBLY - (Sensenich metal propeller)	1	
	13661-00	B	SPINNER ASSEMBLY - (Sensenich metal propeller) "125" and "135"	1	
	13187-00	C	SPINNER ASSEMBLY - (Sensenich wood propeller)	1	
	14422-00		SPINNER ASSEMBLY - (Sensenich metal propeller) "150"	1	
-2	10247-00	A	PLATE - Back	1	
	13666-00	B	PLATE - Back (Sensenich wood propeller)	1	
	13164-00	C	PLATE - Back (Sensenich metal propeller)	1	
	13663-00	B	PLATE - Back (Sensenich metal propeller) "125" and "135"	1	
	13188-00	C	PLATE - Back (Sensenich wood propeller)	1	
	14424-00		PLATE - Rear "150" (Sensenich metal propeller)	1	
-3	12330-04	AC	BRACKET - Front (Sensenich metal propeller)	1	
	12330-02	AC	BRACKET - Front (Sensenich wood propeller)	1	
-4	13667-00	B	PLATE - Front (Sensenich wood propeller)	1	
	13664-00	B	PLATE - Front (Sensenich metal propeller) "125" & "135"	1	
	14426-00		PLATE - Front "150" (Sensenich metal propeller)	1	
-5	85012-47		WASHER - Fibre (10 per ship - used on airplanes with serial numbers 18-647 and up)	4	
-6	406 351	A	NUT - Tinnerman, spinner attachment to back plate (No. A880-632-1)	10	
	406 359	C	NUT - Tinnerman (No. A1505-1032-1)	6	
-7	406 357	A	NUT - Tinnerman, spinner attachment to front bracket (No. A190-832-1)	2	
	406 359	C	NUT - Tinnerman (No. A1505-1032-1)	2	
-8	415 737	A	SCREW - Machine, spinner attachment to back plate (No. 6-32-3 8")	10	
	416 995	BC	SCREW - Machine truss head (No. 10-32 x 1/2")	6	
-9	415 754	A	SCREW - Machine, spinner attachment to front bracket (No. 8-32 x 1/2")	2	
	416 995	BC	SCREW - Machine truss head (No. 10-32 x 1/2") (2 per ship - used on airplanes with serial numbers 18-647 to 18-1745 inclusive)	4	
-10	80122-55	B	WASHER - Propeller bolt attachment	6	
		A - Used on airplanes with serial numbers 18-1 to 18-646 inclusive.			
		B - Used on airplanes with serial numbers 18-1746 and up.			
		C - Used on airplanes with serial numbers 18-647 to 18-1745 inclusive.			
		NOTE: The spinner installation shown on Figure 31 is applicable on "105", "125", "135" and "150" airplanes.			

When ordering, always specify Part Number, Description and Serial Number of Aircraft

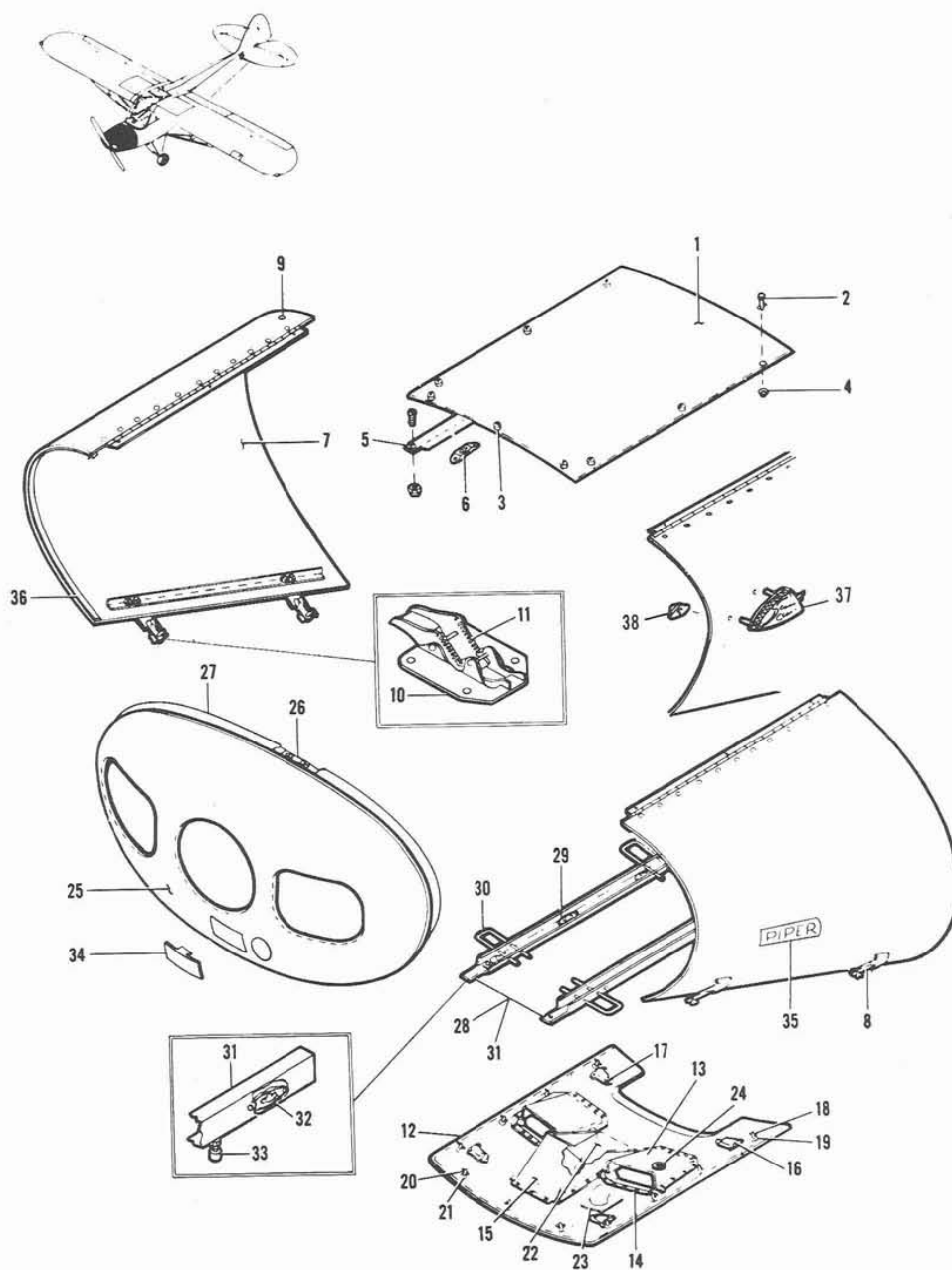


Figure 32. Cowl Installation, Lycoming

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
32-1	12356-00		COWL ASSEMBLY - Top, "105"	1	
	12356-03		COWL ASSEMBLY - Top, "125", "135" and "150"	1	
-2	487 563		STUD - Fastener (No. 5-0-140A)	6	
-3	487 564		STUD - Fastener (No. 5-0-180A) front, "105"	3	
	487 565		STUD - Fastener (No. 5-0-200A) front, "125", "135" and "150"	3	
-4	463 368		GROMMET - (No. GOS-5-93)	9	
-5	12362-00		BRACKET - Cowl mounting, top, "105"	2	
	12362-03		BRACKET - Cowl mounting, top, "125", "135" and "150"	2	
-6	487 288		SPRING - Stud fastener	3	
-7	13029-00		COWL ASSEMBLY - Side, "125", "135" and "150", LH	1	
	13029-01		COWL ASSEMBLY - Side, "125", "135" and "150", RH	1	
	12358-00		COWL ASSEMBLY - Side, "105", LH	1	
	12358-01		COWL ASSEMBLY - Side, "105", RH	1	
-8	12723-00		FASTENER ASSEMBLY - "125", "135" and "150"	2	
-9	12360-00		STUD - Cowl stop	1	
-10	472 015		LATCH - "105" (No. H4700C)	2	
-11	750 896		SPRING - "105"	2	
-12	12357-03		COWL ASSEMBLY - Bottom, "125"	1	
	12357-00		COWL ASSEMBLY - Bottom, "105"	1	
	13769-00	A	COWL ASSEMBLY - Bottom, "135"	1	18-1810 to 18-3013 inclusive
	13769-03		COWL ASSEMBLY - Engine, bottom, "135"	1	18-3014 to 18-4617 inclusive
	13769-05	B	COWL ASSEMBLY - Engine, bottom, "150"	1	18-3771 to 18-6963 inclusive
	15012-00	C	COWL ASSEMBLY - Engine, bottom, "150"	1	18-6964 and up
-13	12540-00		PLATE - Vent (less oil drain hole), LH	2	
	12540-02		PLATE - Vent (with oil drain hole), RH	1	
-14	12541-00		FLANGE - Vent, outside	2	
-15	12543-02		SCOOP - Carburetor air, "105", "125" and "135"	1	
	12543-02	B	SCOOP - Carburetor air, "150"	1	
	12543-02		SCOOP - Carburetor air, "150"	1	18-3371 to 18-6963 inclusive
	15010-00	C	SCOOP - Carburetor air, "150"	1	18-6964 and up
-16	12707-00		CUP - Cowl fastener, "125", "135" and "150"	4	
-17	484 341		RECEPTACLE - Cowl fastener, "125", "135" and "150"	4	
-18	487 566		STUD - Cowl fastener, side (No. 5-F-60) "125", "135" and "150"	8	
	487 563		STUD - Fastener (No. 5-0-140A) "105"	8	
-19	463 369		GROMMET - Sides (No. GF-150) "125", "135" and "150"	8	
-20	487 565		STUD - Cowl fastener, front (No. 5-0-200A) "125", "135" and "150" (4 per ship model "135")	3	
	487 564		STUD - Fastener (No. 5-0-180A), "105"	3	
-21	463 368		GROMMET - Front (No. GOS-5-93) (11 per ship model "105" front and sides, 4 per ship model "135"), "150"	3	
-22	13099-00		SCOOP - Air, "125" outside	1	
	12374-00		SCOOP - Air, "105"	1	
	13768-00		SCOOP - Carburetor air, "135"	1	18-1810 to 18-4617 inclusive
	13768-03	B	SCOOP - Carburetor air, outside "150"	1	
	13768-03		SCOOP - Carburetor air, outside "150"	1	18-3371 to 18-6963 inclusive
	15009-00	C	SCOOP - Carburetor air, outside "150"	1	18-6964 and up
			A - Also used on PA-18 and PA-18A model "125" airplanes when model 89-2000 floats are installed.		
			B - Used on all "105" seaplanes.		
			C - Not used on seaplanes.		

When ordering, always specify Part Number, Description and Serial Number of Aircraft

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
32-23	13334-00		TAKE-OFF AIR	1	18-1 to 18-3013 inclusive
	14236-00		TAKE-OFF AIR	1	18-3014 and up
-24	434 142		GROMMET - Oil drain (AN931-14-20)	1	
-25	12355-00		COWL ASSEMBLY - Nose, "105" and "125" (used when electrical equipment is installed)	1	
	12355-04		COWL ASSEMBLY - Nose, "105" and "125" (used when electrical equipment is not installed)	1	
	13716-00	A	COWL ASSEMBLY - Nose, "135" and "150" (used when electrical equipment is installed)	1	
	13716-02	A	COWL ASSEMBLY - Nose, "135" and "150" (used when electrical equipment is not installed)	1	
-26	487 288		SPRING - (No. 5-295)	7	
-27	180 808		WEBBING - Cowl	6	
-28	12364-00	B	BRACKET - Cowl mounting, LH	1	
	12364-01	B	BRACKET - Cowl mounting, RH	1	
-29	487 288		SPRING - Stud fastener	4	
-30	10816-00	B	CATCH - Fastener	2	
-31	12364-03		BRACKET - Cowl mounting, LH	1	18-549 and up
	12364-05		BRACKET - Cowl mounting, RH	1	18-549 and up
-32	487 288		SPRING - Stud fastener	4	
-33	453 640		TIP - Rubber	1	18-549 and up
-34	14073-00		COVER - Radiator, nose cowl, "135" and "150"	1	
-35	480 921		PLATE - Name (PIPER) (10079-00)	2	
-36	187 550	B	MOULDING - Cowl, rubber, "105"	105	
-37	14472-00		MEDALLION - Super Cub "150", engine cowl	2	
-38	406 361		NUT - Tinnerman #A1059-014-1, medallion attachment	6	
			A - Also used on PA-18 and PA-18A model "125" airplanes when model 89-2000 floats installed.		
			B - Used on PA-18 airplanes with serial numbers 18-1 to 18-548 inclusive.		

When ordering, always specify Part Number, Description and Serial Number of Aircraft

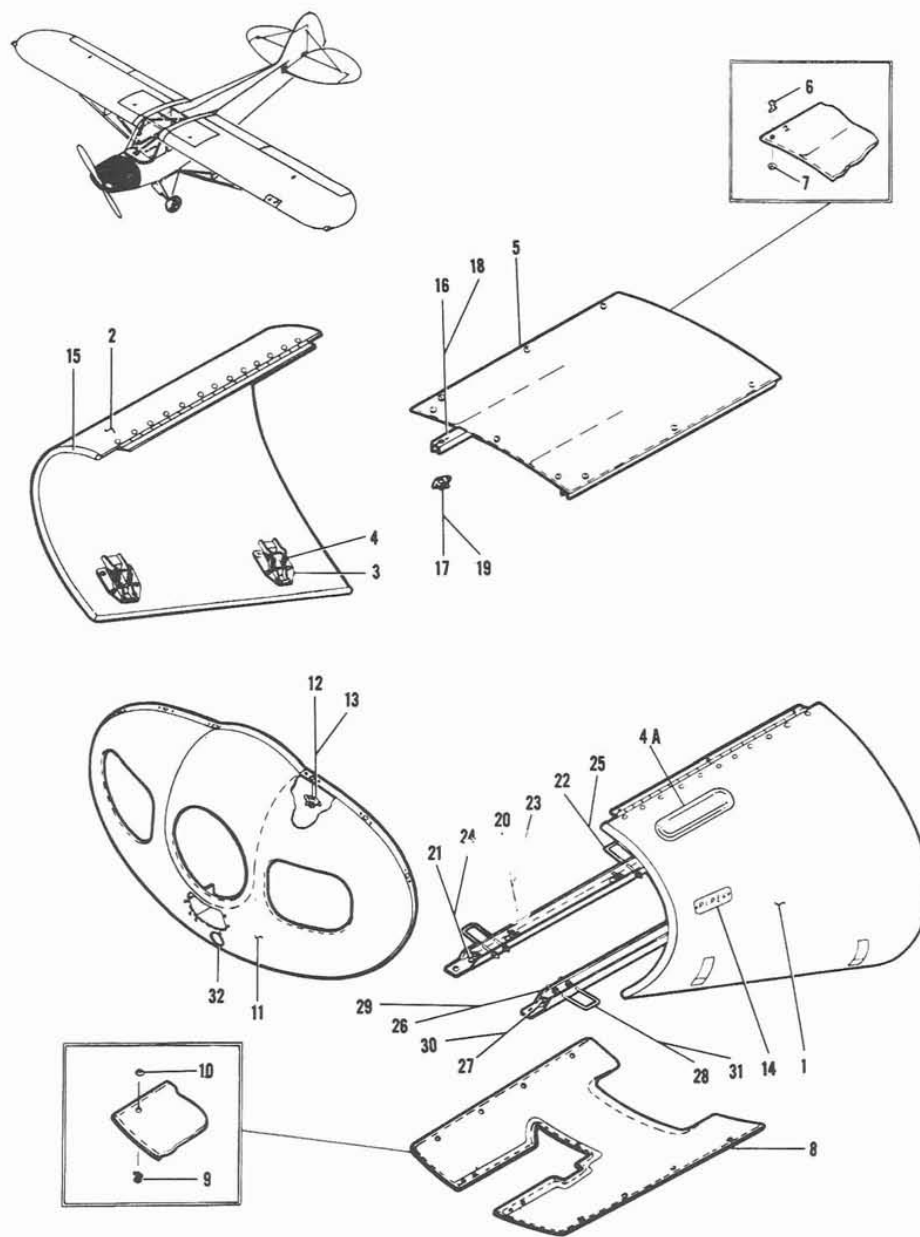


Figure 33. Cowl Installation, Continental

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
33-	10800		DRAWING - Cowl installation (when cowling installed with machine screws)		
	14197		DRAWING - Cowl installation (when cowling installed with lion fasteners)		
-1	10810-08	A	COWL ASSEMBLY - Side, LH (when shielded ignition is not installed)	1	
	10810-30	A	COWL ASSEMBLY - Side, LH (when shielded ignition is installed)	1	
	10810-26	B	COWL ASSEMBLY - Side, LH (when shielded ignition is not installed)	1	
	10810-16	B	COWL ASSEMBLY - Side, LH (when shielded ignition is installed)	1	
-2	10810-07	A	COWL ASSEMBLY - Side, RH (when shielded ignition is not installed)	1	
	10810-29	A	COWL ASSEMBLY - Side, RH (when shielded ignition is installed)	1	
	10810-25	B	COWL ASSEMBLY - Side, RH (when shielded ignition is not installed)	1	
	10810-15	B	COWL ASSEMBLY - Side, RH (when shielded ignition is installed)	1	
-3	472 015		LATCH - No. H-4700C	2	
-4	750 896		SPRING	2	
-4a	12405-00		CUP - Cowl	1	
-5	10808-02	A	COWL ASSEMBLY - Top	1	
	10808-03	B	COWL ASSEMBLY - Top	1	
-6	487 563	B	STUD - Fasteners No. 5-10-140A	8	
-7	463 368	B	GROMMET - GOS-5-93	8	
-8	10809-08	A	COWL ASSEMBLY - Bottom	1	
	10809-10	B	COWL ASSEMBLY - Bottom	1	
-9	487 563	B	STUD - Fasteners No. 5-10-140A	10	
-10	463 368	B	GROMMET - GOS-5-93	10	
-11	10802-00	A	COWL ASSEMBLY - Nose	1	
	10802-05	B	COWL ASSEMBLY - Nose	1	
-12	406 779	A	NUT - Anchor, No. W2SE-1032	4	
-13	487 288	B	SPRING - No. 5-295	4	
-14	480 921		PLATE - Name (PIPER) (10079-00)	2	
-15	187 513		MOULDING - Rubber	6	
-16	10814-04	A	BRACKET - Mounting, top	2	
-17	406 779	A	NUT - Anchor, No. W2SE-1032	3	
-18	10814-05	B	BRACKET - Mounting, top	2	
-19	487 288	B	SPRING - No. 5-295	3	
			A - Used on PA-18 airplanes when cowling installed with machine screws.		
			B - Used on PA-18 airplanes when cowling installed with lion fasteners.		

When ordering, always specify Part Number, Description and Serial Number of Aircraft

COWL INSTALLATION
CONTINENTAL "95"

SECTION VI
Power Plant Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
33-20	10815-05	A	BRACKET - Mounting, bottom, RH	1	
-21	406 779	A	NUT - Anchor, (No. W2SE-1032)	4	
-22	10816-00		CATCH - Fastener, side cowl	2	
-23	10815-07	B	BRACKET - Mounting, RH	1	
-24	487 288	B	SPRING - (No. 5-295)	4	
-25	10816-00		CATCH - Fastener, side cowl	2	
-26	10815-04	A	BRACKET - Mounting, bottom, LH	1	
-27	406 779	A	NUT - Anchor (No. W2SE-1032)	4	
-28	10816-00		CATCH - Fastener, side cowl	2	
-29	10815-06	B	BRACKET - Mounting, bottom, LH	1	
-30	487 288	B	SPRING - (no. 5-295)	4	
-31	10816-00		CATCH - Fastener, side cowl	2	
-32	10400-06		SCOOP ASSEMBLY - Air (Used with C-90-8F engine)	1	
	72522-00		SCOOP ASSEMBLY - Air (Used with C-90-12F engine)	1	
A - Used on PA-18 airplanes when cowling installed with machine screws. B - Used on PA-18 airplanes when cowling installed with lion fasteners.					

When ordering, always specify Part Number, Description and Serial Number of Aircraft

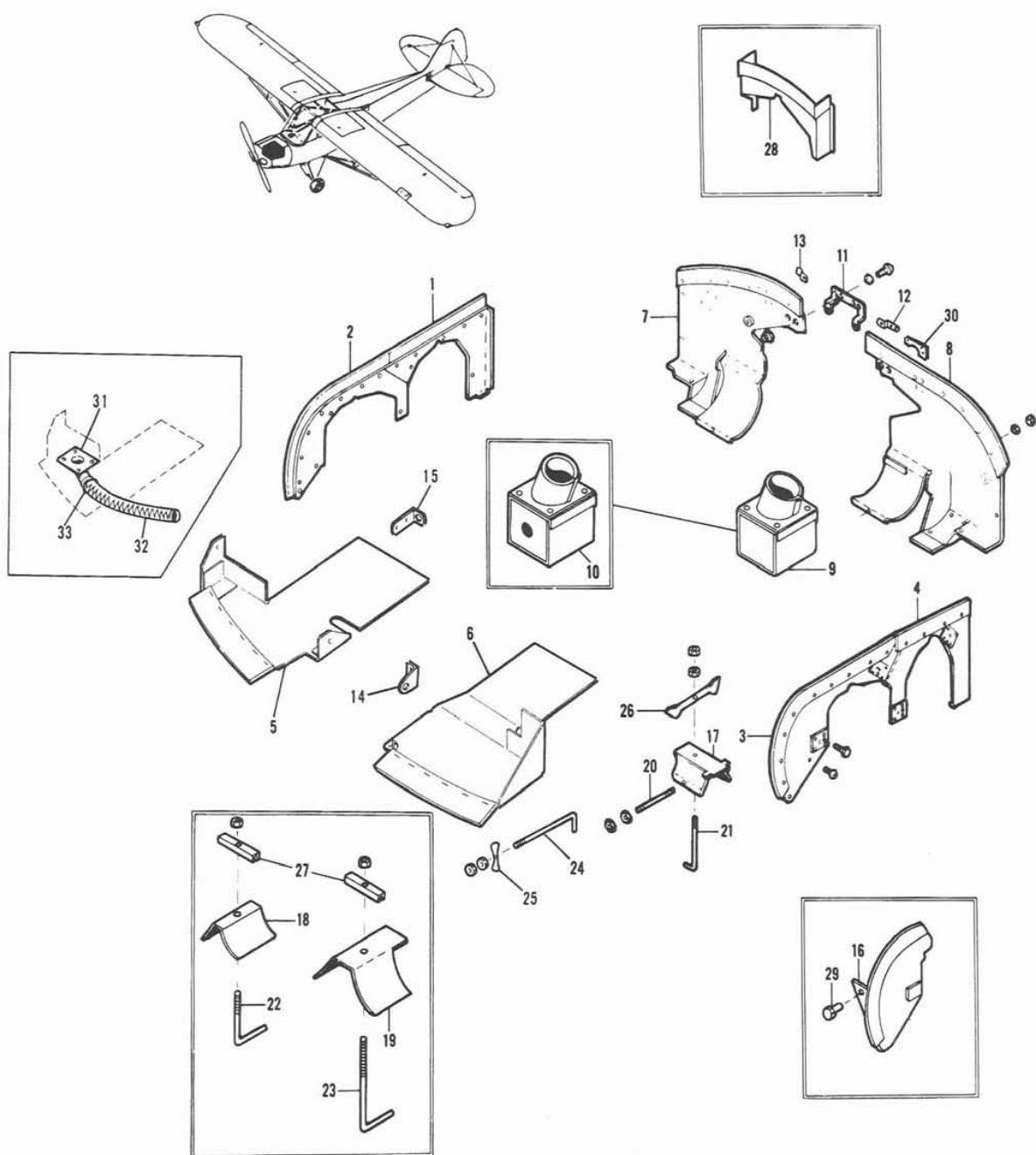


Figure 34. Baffles Installation
Lycoming and Continental

SECTION VI
Power Plant Group

ENGINE BAFFLES INSTALLATION
LYCOMING AND CONTINENTAL

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
34-1	12424-00	A	BAFFLE ASSEMBLY - Side, rear right	1	
	10830-05	B	BAFFLE ASSEMBLY - Side, rear right	1	
	14455-00		BAFFLE - Engine, side, right rear, "150"	1	
-2	10832-00	B	BAFFLE ASSEMBLY - Side, front right	1	
	12425-00	A	BAFFLE ASSEMBLY - Side, front right	1	
	14456-00		BAFFLE - Engine, side, right front, "150"	1	
-3	12426-00	A	BAFFLE ASSEMBLY - Side, front left	1	
	10835-00	B	BAFFLE ASSEMBLY - Side, front left	1	
	14452-00		BAFFLE - Engine, side, left front "150"	1	
-4	12427-00	A	BAFFLE ASSEMBLY - Side, rear left	1	
	10830-00	B	BAFFLE ASSEMBLY - Side, rear left	1	
	14457-00		BAFFLE - Engine, side, left rear, "150"	1	
-5	12749-00		BAFFLE ASSEMBLY - Front right, "105" and "125"	1	
	12749-05	C	BAFFLE ASSEMBLY - Front right, "135"	1	
	11283-00	B	BAFFLE ASSEMBLY - Front right	1	
	14439-00	D	BAFFLE ASSEMBLY - Front right, "150"	1	
	14439-07		BAFFLE ASSEMBLY - Front right, "150" (with 50 amp generator)	1	18-7409056 to 18-7409139 incl.
	15529-02		BAFFLE ASSEMBLY - Front right, "150" (with 60 amp alternator)	1	18-7409140 and up
-6	12428-00		BAFFLE ASSEMBLY - Front left, "105" and "125"	1	
	12428-04	C	BAFFLE ASSEMBLY - Front left, "135"	1	
	11282-00	B	BAFFLE ASSEMBLY - Front left	1	
	14440-00		BAFFLE - Engine, left front, "150"	1	
-7	12367-00		BAFFLE ASSEMBLY - Rear right, "105" and "125"	1	
	12367-06		BAFFLE ASSEMBLY - Rear right, "135"	1	
	12319-06	B	BAFFLE ASSEMBLY - Rear right (used only when shielded ignition is installed)	1	
	12319-00	B	BAFFLE ASSEMBLY - Rear right (used only when shielded ignition is not installed)	1	
	14188-00	C	BAFFLE ASSEMBLY - Rear, right, "125"	1	
	14458-00		BAFFLE - Engine, right rear, "150"	1	18-3781 to 18-7595 inclusive
	14458-05		BAFFLE - Engine, right rear, "150"	1	18-7596 and up
-8	12368-00		BAFFLE ASSEMBLY - Rear left, "105"	1	
	12368-05		BAFFLE ASSEMBLY - Rear left, "125"	1	
	13744-00	C	BAFFLE ASSEMBLY - Rear left, "135"	1	
	11797-05	B	BAFFLE ASSEMBLY - Rear left (used only with C-90-12F engine)	1	
	11797-09	B	BAFFLE ASSEMBLY - Rear left (used only with C-90-8F engine when shielded ignition is installed)	1	
	11797-06	B	BAFFLE ASSEMBLY - Rear left (used only with C-90-8F engine when shielded ignition is not installed)	1	
	14467-00		BAFFLE - Engine, left rear, "150"	1	18-3781 to 18-7595 inclusive
	14467-05		BAFFLE - Engine, left rear, "150"	1	18-7596 and up
	14467-07		BAFFLE - Engine, left rear, "150" (with 60 amp alternator)	1	18-7409140 and up
			A - Used with the Lycoming engines only, "105", "125" and "135".		
			B - Used with the Continental engines only.		
			C - Also used on PA-18 and PA-18A Model "125" airplanes when Model 89-2000 floats are installed.		
			D - See Figure 40B if 35 amp generator is installed.		

When ordering, always specify Part Number, Description and Serial Number of Aircraft

ENGINE BAFFLES INSTALLATION
LYCOMING AND CONTINENTAL

SECTION VI
Power Plant Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
34-9	11491-00	A,B	BAFFLE ASSEMBLY - Oil well (used only with C-90-8F engine)	1	
	12229-00	A,B	BAFFLE ASSEMBLY - Oil well (used with C-90-12F engine)	1	
-10	11951-07		BAFFLE ASSEMBLY - Engine oil well, "105"	1	
-11	10175-00	C	BRACKET - Rear baffle support	1	
-12	11279-03	A,B	BRACKET - Support, rear left (used only with C-90-12F engine)	1	
	11279-00	A,B	BRACKET - Support, rear left (used only with C-90-8F engine)	1	
-13	11279-04	A,B	BRACKET - Support, rear right (used only with C-90-12F engine)	1	
	11279-02	A,B	BRACKET - Support, rear right (used only with C-90-8F engine)	1	
-14	11278-00	A,B	BRACKET - Support, front left	1	
-15	13010-00	A,B	BRACKET - Support, front right	1	
-16	13587-00	D	BRACKET - Support, left front and side baffle, "135"	1	
-17	74912-00	C	BAFFLE - Intercylinder	2	
		E	BAFFLE - Intercylinder, "150"	2	
-18	10923-00	A,B	BAFFLE - Intercylinder, outer	2	
-19	10922-00	A,B	BAFFLE - Intercylinder, inner	2	
-20	10487-00	C	ROD - Tie	2	
	14513-00		ROD - Tie, connecting front and rear baffles, "150"	2	
-21	71451-03	C	ROD - Tie, intercylinder	2	
-22	71451-03	A,B	ROD - Tie, intercylinder, outer	2	
-23	71451-10	B	ROD - Tie, intercylinder, inner	2	
-24	71451-08	C	ROD - Tie, front baffle	2	
-25	10415-02	C	SUPPORT - Front baffle hanger, outside, 3" lg.	2	
-26	10415-03	C	SUPPORT - Intercylinder baffle hanger	2	
		E	SUPPORT - Intercylinder baffle hanger, "150"	2	
-27	10920-00	A,B	SUPPORT - Baffle hanger	4	
-28	11329-00	A,B	BAFFLE ASSEMBLY - Rear center	1	
-29	480 932	D	PLUG - Lock, baffle support bracket, left front and side, "135"	1	
-30	15158-00		PLATE - Baffle reinforcement, "150"	1	18-7596 and up
	15530-02	G	PLATE - Baffle reinforcement, "150"	1	18-7409140 and up
-31	11280-00	F	TAKE-OFF ASSEMBLY - Engine baffle	1	18-7409056 to 18-7409139 incl.
-32	10525-51	F	HOSE - Flexible	1	18-7409056 to 18-7409139 incl.
-33	554 892	F	CLAMP - (SAE TY A-15/16)	2	18-7409056 to 18-7409139 incl.

A - Used on PA-18 airplanes with serial numbers 18-1 and up.
B - Used with the Continental engines only.
C - Used with the "105", "125" and "135" Lycoming engines only.
D - Used on PA-18 and PA-18A airplanes with serial numbers 18-2144, 18-2145, 18-2150 to 18-3770 inclusive.
E - Not available through Piper Aircraft Corporation. Secure from Lycoming, Division-Avco Corporation, Williamsport, Pennsylvania.
F - Used if 50 amp generator is installed.
G - Used if 60 amp alternator is installed.

When ordering, always specify Part Number, Description and Serial Number of Aircraft

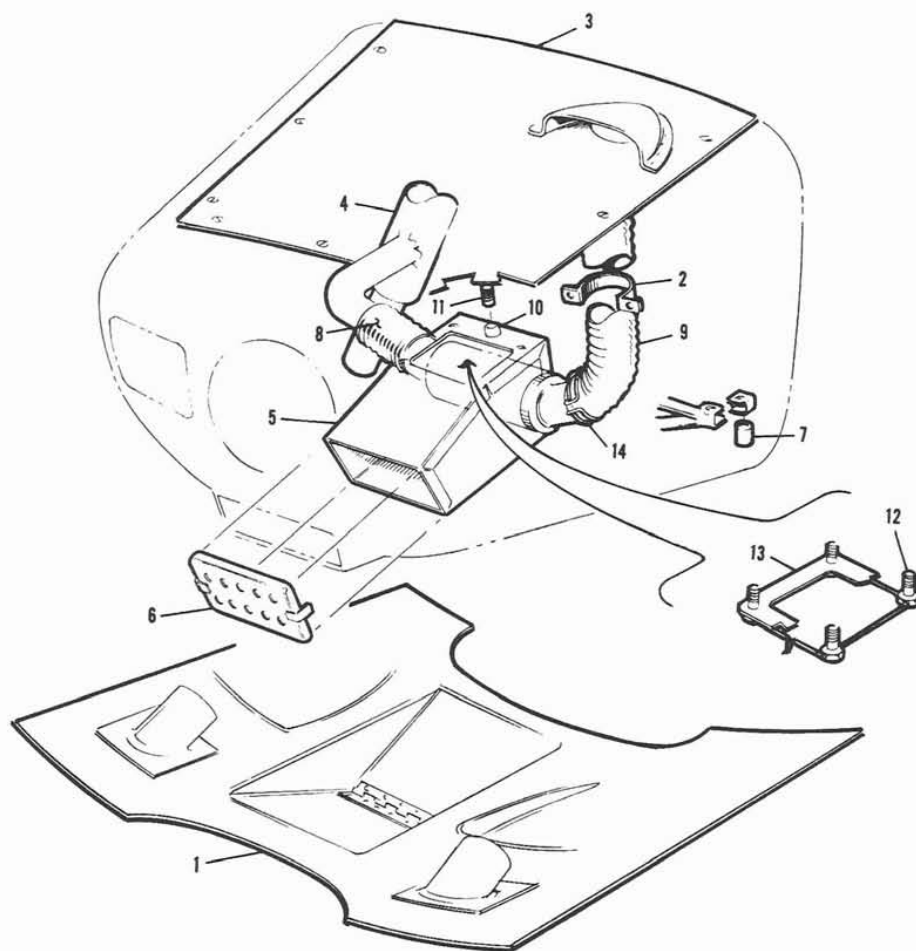


Figure 34A. Special Carburetor Air Box Installation

SPECIAL CARBURETOR AIR
BOX INSTALLATION

SECTION VI
Power Plant Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
			SPECIAL CARBURETOR AIR BOX INSTALLATION (Top cowl air scoop installation type).		
			NOTE		
			For use only on PA-18A "135" and "150" restricted category airplanes.		
34A-	14526		DRAWING - Carburetor air box installation (special) "150"		18-3771 to 18-6963 inclusive
	SK 568		DRAWING - Carburetor air box installation (special) "135"		
-1	14543-05	A	COWL ASSEMBLY - Bottom, "135" and "150"	1	18-3014 to 18-6963 inclusive
	14543-04		COWL ASSEMBLY - Bottom, "135"	1	18-1262 to 18-6963 inclusive
-2	80222-32		CLAMP - Flexible tube, at left rear baffle, "135" and "150"	1	18-1262 to 18-6963 inclusive
-3	12356-05		COWL ASSEMBLY - Top, "135" and "150"	1	18-1262 to 18-6963 inclusive
-4	12436-13		SHROUD ASSEMBLY - Muffler, "135" and "150"	1	18-1262 to 18-6963 inclusive
-5	14535-00		BOX ASSEMBLY - Carburetor air (complete), "135" and "150"	1	18-1262 to 18-6963 inclusive
-6	14539-00		FILTER ASSEMBLY - Carburetor air, "135" and "150"	1	18-1262 to 18-6963 inclusive
-7	14175-96		BUSHING - Spacer, sprayer pump mount attachment at engine mount, "135" and "150"	2	18-1262 to 18-6963 inclusive
-8	10525-14		TUBE - Flexible, carburetor air box to tail pipe shroud "135" and "150"	1	18-1262 to 18-6963 inclusive
-9	10525-22		TUBE - Flexible, scoop in top cowl to carburetor air box, "135" and "150"	1	18-1262 to 18-6963 inclusive
-10	70371-02		FITTING ASSEMBLY - Swivel, control attachment on air box, "135" and "150"	1	18-1262 to 18-6963 inclusive
-11	70371-03		FITTING - Stud, control attachment on air box, "135" and "150"	1	18-1262 to 18-6963 inclusive
-12	10836-02		SCREW - Carburetor air box to carburetor, "135" and "150"	4	18-1262 to 18-6963 inclusive
-13	73451-03		PLATE - Carburetor air box attachment to carburetor "135" and "150"	1	18-1262 to 18-6963 inclusive
-14	454 877		CLAMP - Hose (#S-2-1116) "135" and "150"	2	18-1262 to 18-6963 inclusive
			A - Used on PA-18A airplanes with serial numbers 18-1812 to 18-3013 inclusive.		

When ordering, always specify Part Number, Description and Serial Number of Aircraft

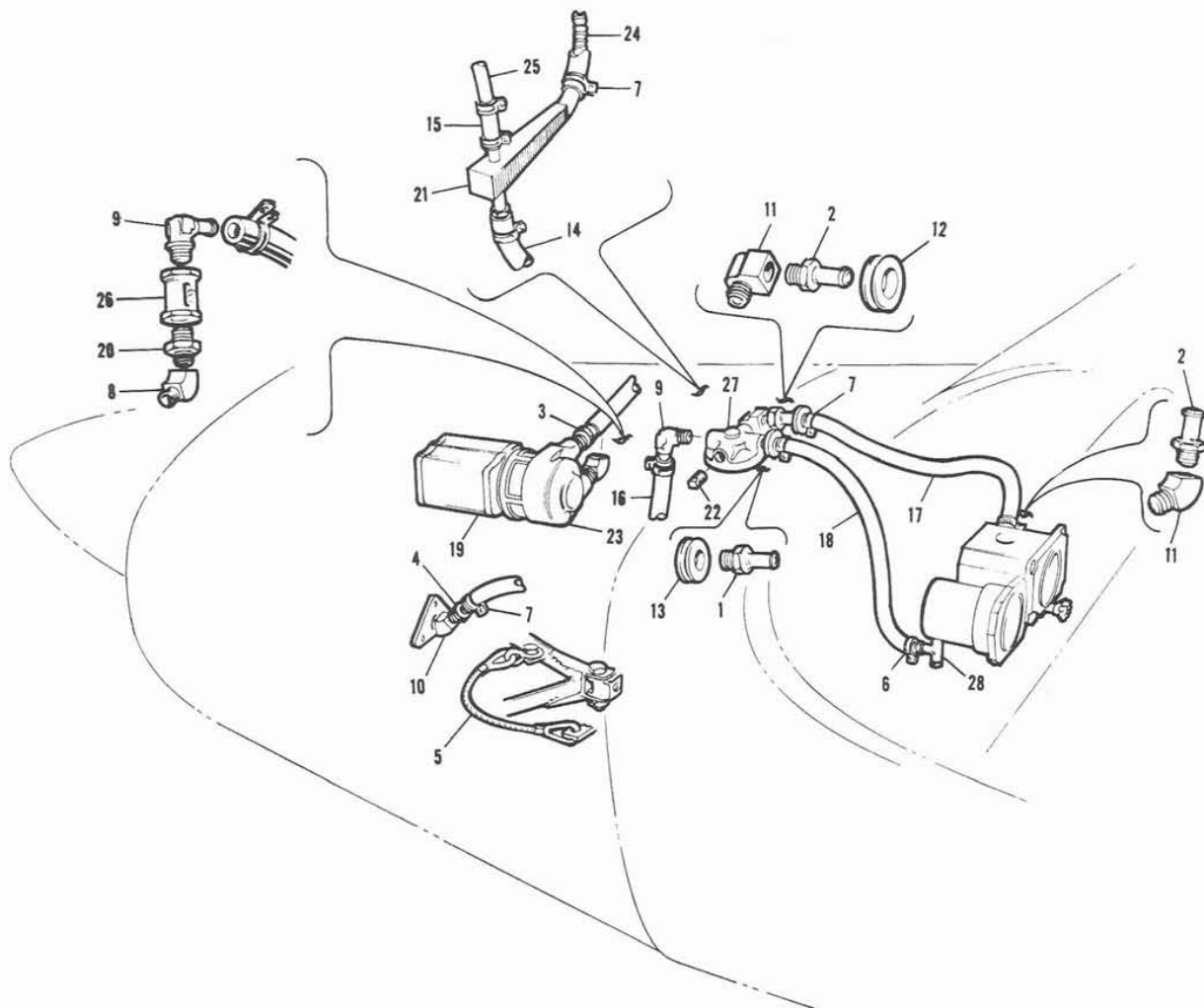


Figure 34B. Vacuum Pump Installation
(Serial Nos. 18-3461 to 18-8019 inclusive)

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
			VACUUM PUMP INSTALLATION Model "135" and "150"		
34B-	14423		DRAWING - Vacuum pump installation, "135" and "150"		18-3461 to 18-8019 inclusive
-1	451 857		ADAPTER - (AN840-4D)	1	
-2	476 652		ADAPTER - (AN840-6D)	2	
-3	451 859		ADAPTER - (AN840-8D)	1	
-4	14404-00		ADAPTER	1	
-5	14419-00		CABLE ASSEMBLY - Engine mount stop	1	
-6	554 778		CLAMP - GS4SS Type "F"	2	
-7	554 871		CLAMP - GS6SS Type "F"	10	
-8	458 950		ELBOW - (W/H 3350 x 6)	1	
-9	14345-00		ELBOW	2	
-10	458 918		ELBOW - (AN914-3D)	1	
-11	460 661		ELBOW - (W/H 3400 x 4)	2	
-12	434 134		GROMMET - (AN931-6-10)	1	
-13	434 138		GROMMET - (AN931-10-14)	1	
-14	82371-48		HOSE ASSEMBLY - Oil separator to engine	1	
-15	82371-23		HOSE - Connecting, oil separator to discharge tube	1	
-16	82371-25		HOSE ASSEMBLY - Regulating valve to check valve and oil separator to vacuum pump	2	
-17	82371-33		HOSE ASSEMBLY - Directional gyro to regulating valve	1	
-18	82371-55		HOSE ASSEMBLY - Turn and bank to regulating valve	1	
-19	450 380		KIT - Drive, vacuum pump (#69439)	1	
-20	476 659		NIPPLE - (W/H 3326 x 6)	1	
-21	486 381		OIL SEPARATOR - (AN6121-1)	1	
-22	460 679		PLUG - (W/H 3150 x 4) regulating valve	1	
-23	481 662		PUMP - Vacuum	1	
-24	487 329		SPRING - Coil, hose reinforcing (83302-29)	2	
-25	14420-00		TUBE - Oil separator discharge	1	
-26	492 029		VALVE - Check (#2-2844-75)	1	
-27	492 059	A	VALVE - Suction regulating	1	
-28	14205-00		VALVE ASSEMBLY - Air regulating, rear of turn and bank	1	
A - Not available. Suction Regulating Valve Replacement Kit 756 764 will be supplied as a replacement. If Kit 756 764 has previously been installed, order Valve Assembly 492 065.					

When ordering, always specify Part Number, Description and Serial Number of Aircraft

VACUUM PUMP INSTALLATION
(DRY VACUUM PUMP)
(Serial Nos. 18-8020 and up)

SECTION VI
Power Plant Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
34C-	15247	A	DRAWING - Vacuum Pump Installation		18-8020 and up
	15800	B	DRAWING - Vacuum Pump Installation		18-7609013 and up
-1	14206-00	A	VALVE ASSEMBLY - Air regulating	1	
-2	61541-07		HOSE - Vacuum pump to regulating valve	1	
-3	82371-60		HOSE - Regulating valve to gyro horizon	1	
-4	82371-87		HOSE - Regulating valve to directional gyro	1	
-5	82371-90		HOSE - Vacuum pump air exhaust	1	
-6	82371-95	A	HOSE - Turn and bank to directional gyro	1	
-7	454 983	A	CLAMP - Hose, (SAE TYE-8)	2	
-8	454 987	A	CLAMP - Hose, (SAE TYE-12)	5	
-9	554 802		CLAMP - Hose, (SAE TYE-14)	2	
-10	458 958		ELBOW - (1K1-6-10)	1	
-11	558 901		ELBOW - (1K1-6-8)	1	
-12	492 065		VALVE - Suction regulating	1	
-13	751 815		FILTER - Regulating valve (B3-5-1)	1	
-14	481 681		PUMP - Vacuum (113A5)	1	18-8020 to 18-8166 inclusive
	26749-07		PUMP - Vacuum (211CC)	1	18-8167 and up
-15	15849-02	B	TUBE ASSEMBLY - TEE	1	18-7609013 and up
-16	460 888	B	FILTER ASSEMBLY - Air (66673-00)	1	18-7609013 and up
-17	757 899	B	CARTRIDGE - Air filter	1	18-7609013 and up
-18	82371-04	B	HOSE - Air filter to manifold	1	18-7609013 and up
-19	82371-43	B	HOSE - Manifold to attitude gyro	1	18-7609013 and up
-20	82371-57	B	HOSE - Air filter to directional gyro	1	18-7609013 and up
-21	82371-74	B	HOSE - Manifold to turn and bank	1	18-7609013 and up
-22	454 832	B	CLAMP - (SAE TYE-10)	2	18-7609013 and up
-23	454 987	B	CLAMP - (SAE TYE-12)	11	18-7609013 and up

A - Used if Directional Gyro only is installed.
B - Used if Directional Gyro and Attitude Gyro is installed.

When ordering, always specify Part Number, Description and Serial Number of Aircraft

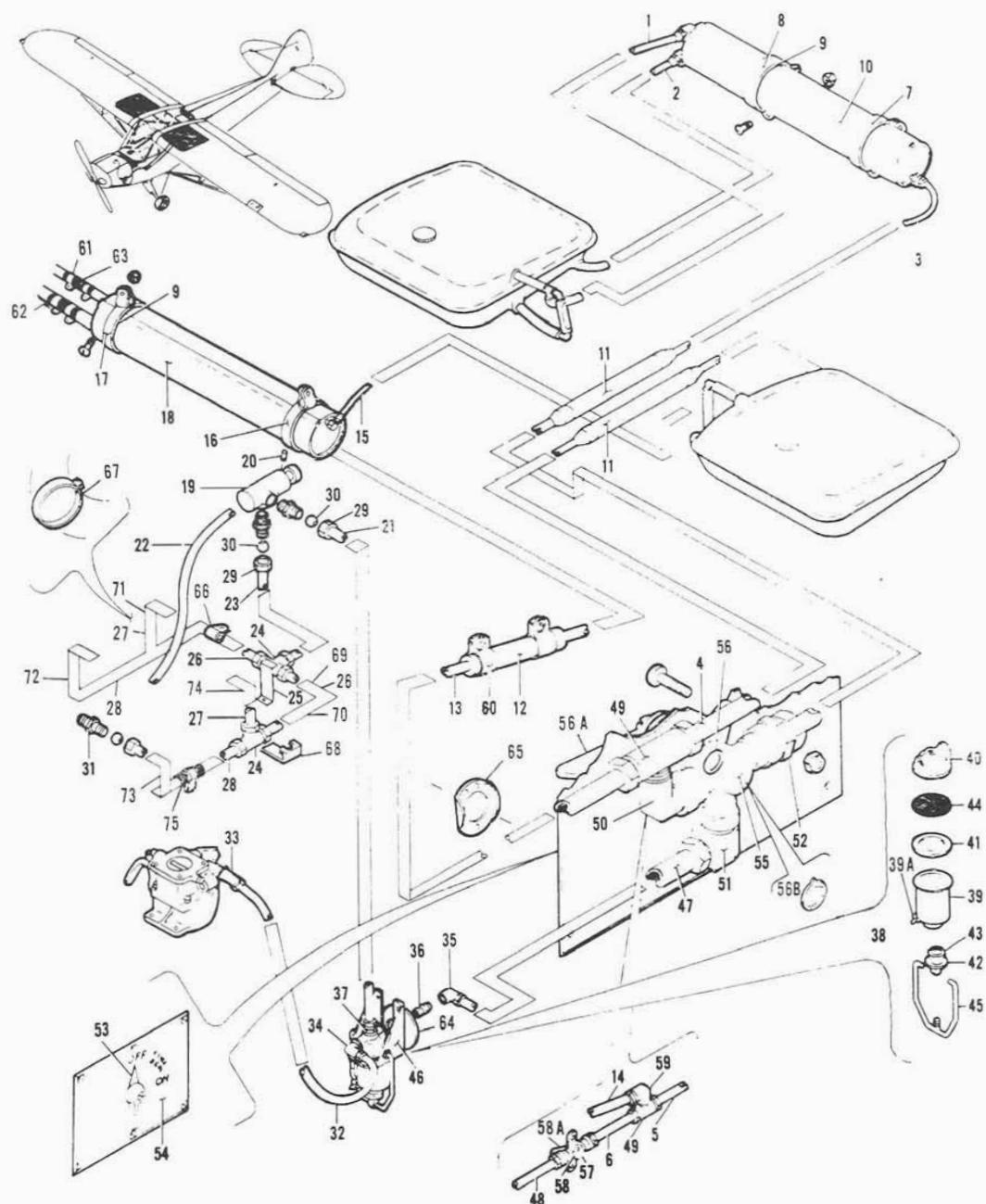


Figure 35. Fuel System Installation

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
35-	13766 11298 12544 12458 14217 14213 14469 14473	 A B C D D G E 	DRAWING - Fuel Tank Installation, "135" and "150" DRAWING - Fuel System DRAWING - Fuel Tank Installation, "95", "105" and "125" DRAWING - Fuel System DRAWING - Fuel System DRAWING - Fuel System DRAWING - Fuel System Installation, "135" and "150" DRAWING - Fuel System Installation		(PA-18 only) 18-3771, 18-3781 and up (PA-18A only) 18-3771, 18-3786 and up
-1	11987-17 11987-39 14207-00 14204-00	D D F D 	LINE ASSEMBLY - Vent LINE ASSEMBLY - Vent LINE ASSEMBLY - Vent, top of fuel gauge to rear header tank (right tank) LINE ASSEMBLY - Vent, top of fuel gauge to rear header tank (right tank)	1 1 1	(PA-18 only) 18-1 to 18-3013 (PA-18 only) 18-3014 and up
-2	11987-13 11987-37 14208-00 14203-00	D D F D 	LINE ASSEMBLY - Fuel LINE ASSEMBLY - Fuel LINE ASSEMBLY - Fuel, rear of right wing tank to rear header tank LINE ASSEMBLY - Fuel, rear of right wing tank to rear header tank	1 1 1 1	(PA-18A only) 18-3014 and up (PA-18 only) 18-1 to 18-3013 (PA-18 only) 18-3014 and up
-3	11973-05 11973-07 14209-04	D D F D	LINE ASSEMBLY - Fuel LINE ASSEMBLY - Fuel, rear header tank to fuel valve LINE ASSEMBLY - Fuel, rear header tank to fuel valve	1 1 1	(PA-18A only) 18-3014 and up (PA-18 only) 18-1 to 18-3013 (PA-18A only) 18-3014 and up
-4	11300-03	D	LINE ASSEMBLY - Fuel	1	(PA-18 only) 18-3014 and up
-5	11300-00	A B	LINE ASSEMBLY - Fuel	1	
-6	11301-00	A B	LINE ASSEMBLY - Fuel	1	
-7	12836-02 12836-04	D D	CLAMP - Rear header tank, LH CLAMP - Rear header tank, LH	1 1	(PA-18 only) (PA-18A only)
-8	12836-03 10466-13	D D	CLAMP - Rear header tank, RH CLAMP - Rear header tank, RH	1 1	(PA-18 only) (PA-18A only)
A - Used on PA-18 airplanes with serial numbers 18-1 to 18-4617 inclusive and PA-18A airplanes with serial numbers 18-1215 to 18-1969 inclusive. B - Used on airplanes when fuel tank is installed in left wing only. C - Used on PA-18 airplanes with serial numbers 18-1 to 18-3013 inclusive and PA-18A airplanes with serial numbers 18-1215 to 18-3013 inclusive. D - Used when fuel tank is installed in the right wing panel E - Used on PA-18A airplanes with serial numbers 18-3014 to 18-3770 inclusive, and 18-3772 to 18-3785 inclusive. F - Used on PA-18A airplanes with serial numbers 18-1215 to 18-3013 inclusive. G - Used on PA-18 "95" airplanes 18-3014 and up and PA-18 "135" airplanes 18-3014 to 18-3770 inclusive, and 18-3772 to 18-3780 inclusive.					

When ordering, always specify Part Number, Description and Serial Number of Aircraft

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
35-9	180 497		FELT - SAE F-50, header tank clamp (38" per ship when fuel tank is installed in right wing)	19"	
-10	12837-00	A	TANK ASSEMBLY - Header, rear	1	18-1 to 18-3013 inclusive
	14211-00		TANK ASSEMBLY - Header, rear	1	18-3014 and up
-11	189 080		DUCT - Plane, 1/2" x 10" (20" per ship when fuel tank is installed in right wing)	10"	
-12	82371-04		HOSE - Flexible	1	
-13	11987-15	A	LINE ASSEMBLY - Fuel	1	
-14	10143-52	BC	LINE ASSEMBLY - Fuel	1	
-15	11987-23		LINE ASSEMBLY - Vent	1	18-469 and up
	11987-05		LINE ASSEMBLY - Vent	1	18-1 to 18-468 inclusive
-16	11299-02		CLAMP ASSEMBLY - Header tank, LH	1	
-17	11299-06		CLAMP ASSEMBLY - Header tank, RH	1	
-18	10725-00		TANK ASSEMBLY - Header, front	1	
-19	451 101		PUMP - Primer, Kohler	1	
-20	80012-65		BUSHING - Primer pump spacer (used only with Lunkendeimer primer)	1	
-21	10143-63		LINE ASSEMBLY - Primer outlet and inlet, "105", "125", "135" and "150"	2	
-22	71242-09		LINE ASSEMBLY - Primer outlet, "95"	1	
-23	71242-08		LINE ASSEMBLY - Primer inlet, "95"	1	
-24	460 652		TEE - Primer line, W/H 702 x 2, "105", "125", "135" and "150"	3	
-25	12870-00		BRACKET - Primer line support, "105", "125" and "135"	1	
-26	11987-09		LINE ASSEMBLY - Primer, "105", "125" and "135"	2	
-27	10143-61		LINE ASSEMBLY - Primer, "105", "125" and "135"	2	
-28	10143-20		LINE ASSEMBLY - Primer, "105", "125" and "135"	2	
-29	460 684		FITTING - Compression nut W/H No. W61 x 2 (with Kohler primer pump)	2	
-30	460 683		FITTING - Compression sleeve, W/H No. W60 x 2 (with Kohler primer pump)	2	
-31	468 340		JET - Primer, (4) per ship, "105", "125", "135" and "150" (1) per ship, "95"	4	
-32	17766-65	D	LINE ASSEMBLY - Fuel "95", "105", "125", "135" and "150"	1	18-7840 and up
-33	460 659	E	ELBOW - W/H No. 352 x 6 x 45, "105", "125", "135" and "150"	1	18-1 to 18-7839 inclusive
	458 892		ELBOW - (AN823-6D) "105", "125", "135" and "150"	1	18-7840 and up
	460 654	E	ELBOW - W/H 400 x 6, "95"	1	18-1 to 18-7839 inclusive
	458 892		ELBOW - (AN823-6D) "95"	1	18-7840 and up
-34	460 661	E	ELBOW - Street, W/H No. 3400 x 4, "105", "125", "135" and "150"	1	18-1 to 18-7839 inclusive
	458 895		ELBOW - (AN822-6D) "105", "125", "135" and "150"	1	18-7840 and up
-35	460 689		ELBOW - Female inverted, W/H No. 450 x 6	1	
			A - Used when fuel tank is installed in the right wing panel. B - Used on PA-18 airplanes with serial numbers 18-1 and up and on PA-18A airplanes with serial numbers 18-1215 to 18-1969 inclusive. C - Used on airplanes when fuel tank is installed in left wing only. D - When ordering for airplanes with serial numbers 18-1 to 18-7839, Installation Kit 754 438 must also be ordered. E - If Kit 754 438 has been installed, order parts for serial numbers 18-7840 and up.		

When ordering, always specify Part Number, Description and Serial Number of Aircraft

SECTION VII
Fuel System Group

FUEL SYSTEM INSTALLATION

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
35-36	476 640		NIPPLE - 1/4 NPT Brass	1	
-37	460 651		CONNECTOR - Inverted, W/H No. 200 x 2	1	
-38	14330-02		STRAINER ASSEMBLY - Fuel, E-Z drain	1	
-39	12764-00		BOWL - Fuel strainer, E-Z drain	1	
-39a	492 022		DRAIN - (E-Z)	1	
-40	14428-00		COVER - Fuel strainer	1	
-41	85012-32		GASKET - Fuel strainer	1	
-42	72302-03		NUT - Fuel strainer bowl seat	1	
-43	750 273		SEAT - Fuel strainer bowl	1	
-44	750 272		SCREEN - Fuel strainer	1	
-45	494 644		WIRE ASSEMBLY - Bail, nut and seat	1	
-46	71991-00		BRACKET ASSEMBLY - Fuel strainer mounting	1	
-47	10729-03	A	LINE ASSEMBLY - Fuel	1	
-48	10729-00	BC	LINE ASSEMBLY - Fuel	1	
-49	488 374		TEE - Inverted, W/H No. 600 x 6	1	
-50	460 661	A	ELBOW - Street, W/H No. 3400 x 4	1	
-51	460 654	A	ELBOW - W/H No. 400 x 6	1	
-52	460 653	A	CONNECTOR - Inverted, W/H No. 200 x 6	1	
-53	12857-00		POINTER - On and off	1	
-54	12838-02	A	PLATE - Fuel, on and off indicator	1	
	12838-03	BD	PLATE - Fuel, on and off indicator	1	
-55	11383-03	A	VALVE ASSEMBLY - Fuel (492 016)	1	
-56	752 692	E	GASKET - Fuel valve	2	
	752 822	F	"O" RING	1	
-56a	464 016		HANDLE - Fuel valve	1	
-56b	756 645		WASHER - Fuel valve	1	
-57	492 014	BC	VALVE - Fuel, shut-off	1	
-58	752 692	E	GASKET - Fuel valve	2	
	752 822	F	"O" RING	1	
-58a	464 016		HANDLE - Fuel valve	1	
-59	460 689	B	ELBOW - Female inverted W/H 450 x 6	1	
-60	554 871		CLAMP - GS6SS Type "F" (6 per ship when fuel tank is installed in right wing)	2	
-61	554 778	A	CLAMP - GS4SS Type "F", vent line rear header tank	2	
-62	82371-36	A	HOSE - Fuel lines to rear header tank	2	
-63	82371-37	A	HOSE - Vent line to rear header tank	1	
A - Used when fuel tank is installed in the right wing panel. B - Used when fuel tank is installed in the left wing only. C - Used on PA-18 airplanes with serial numbers 18-1 and up and on PA-18A airplanes with serial numbers 18-1215 to 18-1969 inclusive. D - Used on PA-18 airplanes with serial numbers 18-1 and up and on PA-18A airplanes with serial numbers 18-1215 to 18-3013 inclusive. E - Used with fuel valves which have a brass plug. F - Used with fuel valves which have a nickle silver plug.					

When ordering, always specify Part Number, Description and Serial Number of Aircraft

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
35-64	80122-67	A	WASHER - Fuel line installation at firewall	1	
-65	14307-00		WASHER - Fuel valve attachment "95"	1	
-66	80032-69		CLAMP - Primer lines attachment on engine "150"	4	
-67	18307-00		CLAMP - Primer line attachment to intake manifold tubes, right and left, "150"	2	
-68	14470-00		BRACKET - Mounting, primer line tees, "150"	3	
-69	11987-55		LINE - Primer, from tee at left rear back of engine to tee at right rear side of engine, "150"	1	
-70	11987-57		LINE PRIMER - From tee at left rear back of engine to tee at left rear side of engine, "150"	1	
-71	10143-18		LINE - Primer, from tee at right rear side of engine to right rear cylinder, "150"	1	
-72	11987-61		LINE - Primer, from tee at right rear side of engine to right front cylinder, "150"	1	
-73	10143-91		LINE - Primer, from tee at left rear side of engine to left front cylinder, "150"	1	
-74	10143-95		LINE - Primer, from tee at left rear side of engine to left rear cylinder, "150"	1	
-75	90797-02		SLEEVE - Primer line attachment at left front cylinder, "150"	1	
			A - Used on PA-18 "95" airplanes with serial numbers 18-3313 and up when fuel tank is installed in left wing only.		

When ordering, always specify Part Number, Description and Serial Number of Aircraft

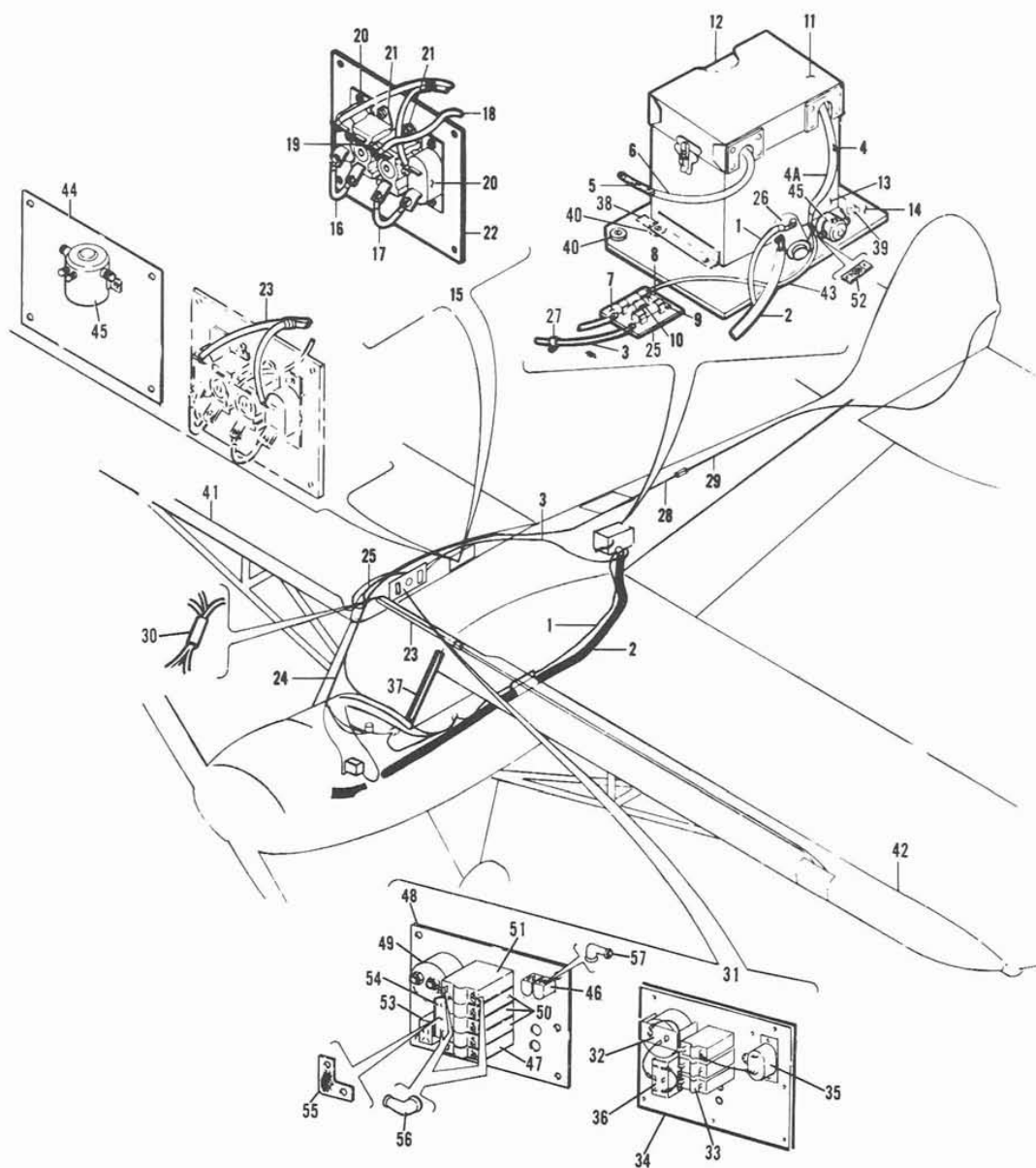


Figure 36. Electrical System Installation

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
36-	12302		DRAWING - Electrical System Installation (Rev. "A" to "O" inclusive)		18-1 to 18-664 inclusive
	12302		DRAWING - Electrical System Installation (Rev. "P" to "T" inclusive)		18-665 to 18-1214 inclusive
	12302		DRAWING - Electrical System Installation (Rev. "U" and up)		18-1215 to 18-3013 inclusive
	14241		DRAWING - Electrical System Installation		18-3014 to 18-7409139 inclusive
	15500		DRAWING - Electrical System Installation		18-7409140 and up
-1	12177-87	A	WIRE ASSEMBLY - "95"	1	
	12177-88	A	WIRE ASSEMBLY - "125" and "135"	1	
	12177-40		WIRE ASSEMBLY - "95"	1	(PA-18 only) 18-1 to 18-664
	12177-29		WIRE ASSEMBLY - Solenoid to starter switch on instrument panel, "105" and "125"	1	(PA-18 only) 18-1 to 18-664
-2	11134-07	A	CABLE ASSEMBLY	1	
	11134-05		CABLE ASSEMBLY	1	(PA-18 only) 18-1 to 18-664
	14226-02		CABLE ASSEMBLY - Solenoid to starter	1	(PA-18 only) 18-3014 and up
	14226-03		CABLE ASSEMBLY - Solenoid to starter	1	(PA-18A only) 18-3014 and up
-3	12298-00	C	HARNESS ASSEMBLY - Wire	1	
	12298-08	A	HARNESS ASSEMBLY - Wire	1	
	12298-16		HARNESS ASSEMBLY - Wire, battery to master switch panel assembly, "95"	1	(PA-18 only) 18-3014 and up
	14223-02		HARNESS ASSEMBLY - Wire, battery to master switch panel assembly, "135" and "150"	1	(PA-18 only) 18-3014 to 18-7409055 inclusive
	15332-02		HARNESS ASSEMBLY - Wire, battery to master switch panel assembly, "150"	1	18-7409056 to 18-7409139 incl.
	15503-02		HARNESS ASSEMBLY - Battery to master switch panel assembly, "150"	1	18-7409140 and up
	14223-03		HARNESS ASSEMBLY - Wire, battery to master switch panel assembly, "135" and "150"	1	(PA-18A only) 18-3014 and up
-4	11134-04	A	CABLE ASSEMBLY	1	(PA-18 only) 18-1 to 18-664
	11134-00		CABLE ASSEMBLY	1	
	14224-02		CABLE ASSEMBLY - Battery to solenoid	1	(PA-18 only) 18-3014 and up
-4a	189 080		DUCT - Type S.P. 1/2" I.D.	6"	(PA-18 only) 18-3014 and up
-5	14160-02		CABLE ASSEMBLY	1	(PA-18 only) 18-1 to 18-3013
	17604-09		CABLE ASSEMBLY - Battery ground	1	(PA-18 only) 18-3014 and up
-6	189 080		DUCT - Type S.P. 1/2" I.D.	6-1/2"	(PA-18 only) 18-1 to 18-3013
-7	11718-00		BLOCK ASSEMBLY - Fuse	1	(PA-18 only) 18-1 to 18-1214
	13051-00		BLOCK ASSEMBLY - Fuse	1	18-1215 to 18-7409139 incl.
-8	90797-10		SLEEVE - Insulating	1	18-1 to 18-7409139 inclusive
-9	10438-00		JUMPER	1	18-1 to 18-7409139 inclusive
-10	461 624		FUSE - (No. 3AG30 AMP)	3	18-1 to 18-7409139 inclusive
-11	12280-00		COVER ASSEMBLY - Battery box	1	(PA-18 only) 18-1 to 18-664
	12045-00	B	COVER ASSEMBLY - Battery box	1	
	13575-00	D	COVER ASSEMBLY - Battery box	1	
	14065-00	E	COVER ASSEMBLY - Battery box	1	
			A - Used on PA-18 airplanes with serial numbers 18-665 to 18-3013 inclusive.		
			B - Used on PA-18 airplanes with serial numbers 18-665 to 18-1214 inclusive.		
			C - Used on PA-18 airplanes with serial numbers 18-1 to 18-664 inclusive and PA-18A airplanes with serial numbers 18-1262 to 18-3013 inclusive.		
			D - Used on PA-18 airplanes with serial numbers 18-1215 to 18-2849 inclusive and 18-2851 to 18-2856 inclusive.		
			E - Used on PA-18 airplanes with serial numbers 18-2850, 18-2857 and up.		

When ordering, always specify Part Number, Description and Serial Number of Aircraft

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
36-12	450 025		BATTERY - Reading (No. S-24-12V)	1	(PA-18 only) 18-1 to 18-1214
	450 035		BATTERY - Reading (No. R-35-12V)	1	18-1215 and up
-13	12044-08		BOX ASSEMBLY - Battery	1	(PA-18 only) 18-1 to 18-664
	13182-00	B	BOX ASSEMBLY - Battery	1	
	13574-00	C	BOX ASSEMBLY - Battery	1	
	14064-00	A	BOX ASSEMBLY - Battery	1	
-14	15312-00		BOARD - Mounting	1	
-15	12812-00		PANEL ASSEMBLY - Landing light switch	1	18-1 to 18-7409139 inclusive
-16	12177-32		WIRE ASSEMBLY - Jumper (No. 41)	1	18-1 to 18-7409139 inclusive
-17	10128-78		WIRE ASSEMBLY - Jumper (No. 42)	1	18-1 to 18-7409139 inclusive
-18	12177-71		WIRE ASSEMBLY - To ammeter	1	18-1 to 18-7409139 inclusive
-19	10438-00		JUMPER	1	18-1 to 18-7409139 inclusive
-20	487 778		SWITCH - (AN3022-2)	2	18-1 to 18-7409139 inclusive
-21	454 657		CIRCUIT PROTECTOR - (2310) 10 AMP	2	18-1 to 18-7409139 inclusive
-22	12807-00		PANEL	1	18-1 to 18-7409139 inclusive
-23	12298-11	D	HARNESS ASSEMBLY - Wire, landing light switch to wing root	1	
	12298-06	E	HARNESS ASSEMBLY - Wire, landing light switch to wing root	1	
-24	14798-00		HARNESS ASSEMBLY - Wire (voltage regulator starter switch and generator) "105", "125", "135" and "150" (when radio is not installed)	1	18-1 to 18-7409055 inclusive
	12299-02		HARNESS ASSEMBLY - Wire (voltage regulator starter switch and generator) "95"	1	18-1 to 18-3013 inclusive
	15047-00		HARNESS ASSEMBLY - Wire, switch panel to voltage regulator and generator, "95" (when radio is not installed)	1	18-3014 and up
	14338-02		HARNESS ASSEMBLY - Wire (voltage regulator, starter switch and generator) (when radio is installed) "135" and "150"	1	18-3014 to 18-7409055 inclusive
	15324-02		HARNESS ASSEMBLY - Wire (voltage regulator, starter switch and generator) "150"	1	18-7409056 to 18-7409139 incl.
	15504-02		HARNESS ASSEMBLY - Wire (voltage regulator, starter switch and alternator) "150"	1	18-7409140 and up
	15050-00		HARNESS ASSEMBLY - Wire (voltage regulator, starter switch and generator) (when radio is installed) "95"	1	18-3014 and up
-25	10443-00		INSULATOR - Fibre, under fuse block	1	(PA-18 only) 18-1 to 18-664
-26	487 149		SOLENOID - Starter	1	
-27	80032-25		CLAMP - Wire attachment at battery	1	(PA-18 only) 18-1 to 18-664
-28	12177-26	F	WIRE ASSEMBLY - Tail light, connector to disconnect	1	
-29	12177-28		WIRE ASSEMBLY - Tail light, disconnect to rudder	1	
-30	14510-00		HARNESS ASSEMBLY - Navigation light, in top deck	1	18-3771, 18-3781 and up
A-Used on PA-18 airplanes with serial numbers 18-2850, 18-2857 and up. B-Used on PA-18 airplanes with serial numbers 18-665 to 18-1214 inclusive. C-Used on PA-18 airplanes with serial numbers 18-1215 to 18-2849 inclusive, 18-2851 to 18-2856 inclusive. D-Used on airplanes where wire assemblies have knife disconnects only. E- Used on airplanes where wire assemblies have end terminals only. F- Used on airplanes with serial numbers 18-1 to 18-3770 inclusive, 18-3772 to 3780 inclusive.					

When ordering, always specify Part Number, Description and Serial Number of Aircraft

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
36-31	15067-00	B	PANEL ASSEMBLY - Switch (with 20 amp generator)	1	18-1 to 18-7409055 inclusive
	15323-02		PANEL ASSEMBLY - Switch (with 50 amp generator)	1	18-7409056 to 18-7409139 incl.
-32	450 652		AMMETER	1	18-1 to 18-7409055 inclusive
	15325-02		AMMETER	1	18-7409056 to 18-7409139 incl.
-33	454 656	A	CIRCUIT PROTECTOR - (5 amp)	2	18-1 to 18-7409139 inclusive
	454 658		CIRCUIT PROTECTOR - (15 amp)	1	18-1 to 18-7409139 inclusive
	454 660		CIRCUIT PROTECTOR - (25 amp)	1	18-1 to 18-7409055 inclusive
	454 662		CIRCUIT PROTECTOR - (50 amp)	1	18-7409056 to 18-7409139 incl.
-34	15066-00		PANEL - Switch	1	18-1 to 18-7409139 inclusive
-35	487 778		SWITCH - Light (AN3022-2)	1	18-1 to 18-7409139 inclusive
-36	487 776		SWITCH - Master (AN3023-1)	1	18-1 to 18-7409139 inclusive
-37	18576-06		STRIP - Insulator, inside right front windshield channel	1	18-3014 and up
-38	12273-00		CHANNEL ASSEMBLY - Box	2	(PA-18 only) 18-1 to 18-664
-39	82161-02		WASHER - Countersunk	1	18-1215 and up
	82161-02		WASHER - Countersunk	4	(PA-18 only) 18-1 to 18-664
-40	80122-10		WASHER	8	(PA-18 only) 18-664 and up
-41	10128-27		WIRE ASSEMBLY - Navigation light, RH	1	
-42	10128-28		WIRE ASSEMBLY - Navigation light, LH	1	
-43	12177-17		WIRE ASSEMBLY - Solenoid to fuse block	1	18-1 to 18-7409139 inclusive
-44	15491-02		PLATE - Solenoid mounting	1	18-7409140 and up
-45	484 373		RELAY - Power (24059)	2	18-7409140 and up
-46	487 790		SWITCH - (110-S-73)	2	18-7409140 and up
-47	454 659		CIRCUIT PROTECTOR - (109-220-102)	1	18-7409140 and up
-48	15729-02		PANEL - Switch	1	18-7409140 and up
-49	66696-00		AMMETER	1	18-7409140 and up
-50	454 656		CIRCUIT PROTECTOR - (109-205-102) 5 amp	3	18-7409140 and up
-51	454 711		CIRCUIT PROTECTOR - (1648-004-06008) 60 amp	1	18-7409140 and up
-52	17604-27		CABLE ASSEMBLY	1	18-7409140 and up
-53	487 907		SWITCH - (2GK54-73)	1	18-7409140 and up
-54	31506-06		BUS BAR	1	18-7409140 and up
-55	80035-09		CABLE	1	18-7509580, 18-7509582 and up
-56	23969-03		NIPPLE - (MS25171-2-S)	3	18-7509580, 18-7509582 and up
-57	23969-02		NIPPLE - (MS25171-1-S)	2	18-7509580, 18-7509582 and up

A - This part not included with switch panel assembly.
If required, must be ordered separately.

B - See Figure 40B if 35 amp generator is installed.

When ordering, always specify Part Number, Description and Serial Number of Aircraft

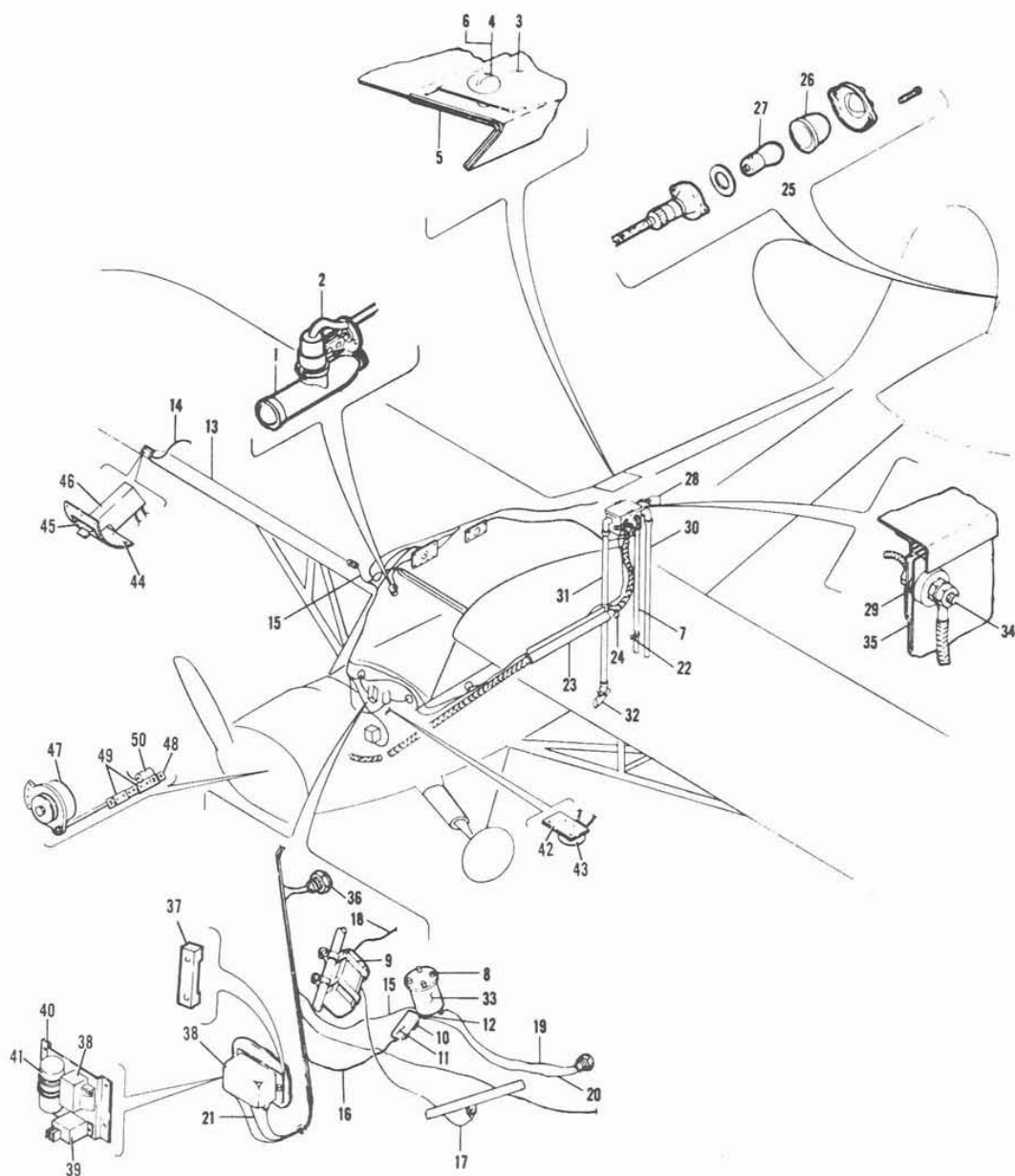


Figure 37. Electrical Components Installation

SECTION VIII
Electrical System Group

ELECTRICAL COMPONENTS INSTALLATION

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
37-	14074 12302 14241 15500	A	DRAWING - Battery Box Installation DRAWING - Electrical System Installation DRAWING - Electrical System Installation DRAWING - Electrical System Installation		18-1 to 18-3013 inclusive 18-3014 to 18-7409139 incl. 18-7409140 and up
-1	472 660		LIGHT ASSEMBLY - Cockpit	1	
-2	90797-13		SLEEVE - Insulator	1	
-3	13180-00 12913-00		DOOR ASSEMBLY - Battery access DOOR ASSEMBLY - Battery access (also used when Whitaker Duster and Sprayer is installed)	1	(PA-18 only) 18-665 and up
-4	487 563 463 368		STUD - Fastener (No. 5-0-140A) GROMMET - (No. GOS-5-93)	1 4	(PA-18A only) 18-1215 and up 18-665 and up
-5	13179-00 12910-00		FRAME ASSEMBLY - Battery door FRAME ASSEMBLY - Battery door (also used when Whitaker Duster and Sprayer is installed)	4 1	18-665 and up (PA-18 only) 18-665 and up
-6	487 288		SPRING - Fastener (No. 5-295)	1	(PA-18A only) 18-1215 and up
-7	13586-02 22369-04	B A	TUBE - Battery drain TUBE - Battery drain	4 1	18-665 and up
-8	80012-04	A	BUSHING - Spacer	1	
-9	12858-00	C	CLAMP - Battery attachment	4	18-1 to 18-7409139 inclusive
-10	461 623	D	FUSE - (3AG5)	2	18-1 to 18-7409139 inclusive
-11	12156-00	D	BLOCK - Fuse	1	18-1 to 18-7409139 inclusive
-12	80122-05	D	WASHER - Fuse block attachment	2	18-1 to 18-7409139 inclusive
-13	12177-68		WIRE ASSEMBLY - Wing unit	1	
-14	12177-69		WIRE ASSEMBLY - Ground	1	
-15	12177-67		WIRE ASSEMBLY - Disconnect to panel unit	1	18-1 to 18-7409139 inclusive
-16	12177-66	D	WIRE ASSEMBLY - Ammeter to fuse block	1	18-1 to 18-7409139 inclusive
-17	12177-74	C	WIRE ASSEMBLY - Ground	1	18-1 to 18-7409139 inclusive
-18	12177-73	C	WIRE ASSEMBLY - Panel unit to battery	1	18-1 to 18-7409139 inclusive
-19	12177-61	E	WIRE ASSEMBLY - Indicator light to panel unit	1	18-1 to 18-7409139 inclusive
-20	10128-83	E	WIRE ASSEMBLY - Indicator light to panel unit	1	18-1 to 18-7409139 inclusive
-21	12177-22		WIRE ASSEMBLY - Voltage regulator to generator, "105", "125", "135" and "150"	1	
	14230-05		WIRE ASSEMBLY - Voltage regulator to generator, "95"	1	
-22	454 925	A	CLAMP - Battery drain tube (No. 18-882)	1	
-23	12021-00		COVER - Starter cable	1	(PA-18 only) 18-665 to 18-3013
-24	434 142	F	GROMMET - Rubber (AN931-14-20)	1	

A - Used on PA-18 airplanes with serial numbers 18-2850, 18-2857 and up.
B - Used on PA-18 airplanes with serial numbers 18-1215 to 18-2849 inclusive, 18-2851 to 18-2856 inclusive.
C - Used when electrical equipment is not installed.
D - Used when electrical equipment is installed.
E - Used on PA-18 airplanes with serial numbers 18-2850 and 18-2857 to 18-3013 inclusive.
F - Used on PA-18 airplanes with serial numbers 18-665 to 18-3013 inclusive.

When ordering, always specify Part Number, Description and Serial Number of Aircraft

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
37-25	472 736		LIGHT - Navigation, tail (A2064-1073)	1	
-26	751 203		LENS - White (No. A2103-1)	1	
-27	753 431		BULB - (10-73)	1	
-28	14072-00	B	TAG - Battery service instructions	1	
-29	81342-56	B	WASHER - Terminal bolt attachment	2	
-30	22369-23	B	TUBE - Battery vent, outlet	1	
-31	22369-23	B	TUBE - Battery vent, inlet	1	
-32	14066-00	B	TUBE ASSEMBLY - Battery air intake	1	
-33	450 675	C	KIT - Safe flight indicator	1	18-1 to 18-7409139 inclusive
	751 220		KIT - Safe flight indicator (with dry cell battery)	1	18-1 to 18-7409139 inclusive
-34	14069-00	A	BOLT ASSEMBLY - Terminal	2	
	14225-00		BOLT ASSEMBLY - Terminal	2	(PA-18 only) 18-3014 and up
-35	14070-00	B	STRIP - Insulation, positive terminal	1	
-36	487 527		SWITCH - Starter (1875-0) R.B.M. Co.	1	
-37	470 648		MOUNT ASSEMBLY - Voltage regulator shock	1	18-5939 and up
-38	450 383		VOLTAGE REGULATOR - (20 amp generator)	1	18-1 to 18-7409055 inclusive
	450 384		VOLTAGE REGULATOR - (50 amp generator)	1	18-7409056 to 18-7409139 incl.
	756 547		VOLTAGE REGULATOR - (60 amp alternator)	1	18-7409140 and up
-39	550 394		RELAY - Overvoltage (B-00289-1)	1	18-7409140 and up
-40	15489-02		BRACKET ASSEMBLY - Voltage regulator mounting	1	18-7409140 and up
-41	762 256		SPIKE GUARD - Voltage (A-178)	1	18-7409140 and up
-42	44235-00		PLATE - Stall warning horn mounting	1	18-7409140 and up
-43	565 288		HORN - Stall warning (02404-1)	1	18-7409140 and up
-44	16860-00		PLATE ASSEMBLY - Lift detector reinforcement	1	18-7409140 and up
-45	19807-00		PLATE - Lift detector mounting	1	18-7409140 and up
-46	450 742		LIFT DETECTOR - (C-52207-4)	1	18-7409140 and up
-47	751 349		ALTERNATOR - (A-152A)	1	18-7409140 and up
-48	761 620		MOUNTING BAR - (A-167-9)	1	18-7409140 and up
-49	761 618		MOUNTING BRACKET - (A-167-10)	2	18-7409140 and up
-50	758 080		CAPACITOR - (A-177)	1	18-7409140 and up
A - Used on PA-18 airplanes with serial numbers 18-2850, 18-2857 to 18-3013 inclusive. B - Used on PA-18 airplanes with serial numbers 18-2850, 18-2857 and up. C - Used when electrical equipment is installed.					

When ordering, always specify Part Number, Description and Serial Number of Aircraft

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
38-	13296 14229	A	DRAWING - Battery Box Installation DRAWING - Battery Box Installation		(PA-18A only) 18-3014 and up
-1	11134-07		CABLE ASSEMBLY - Solenoid to starter	1	18-665 to 18-3013 inclusive
	14226-03		CABLE ASSEMBLY - Solenoid to starter	1	(PA-18A only) 18-3014 and up
-2	12177-88		WIRE ASSEMBLY - "125" and "135", solenoid to starter switch	1	18-665 to 18-3013 inclusive
-3	12177-17		WIRE ASSEMBLY - Solenoid to fuse box	1	
-4	12298-00 14223-03	B	HARNESS ASSEMBLY - Wire HARNESS ASSEMBLY - Wire, battery to master switch panel assembly	1	(PA-18A only) 18-3014 and up
-5	11134-08	A	CABLE ASSEMBLY - Battery to solenoid	1	
	14224-03		CABLE ASSEMBLY - Battery to solenoid	1	(PA-18A only) 18-3014 and up
-5a	189 080		DUCT - Type S P 1/2"	14"	(PA-18A only) 18-3014 and up
-6	11122-02	A	CABLE ASSEMBLY - Battery ground	1	
	17604-06		CABLE ASSEMBLY - Battery ground	1	(PA-18A only) 18-3014 and up
-7	487 149		SOLENOID - Starter, "105", "125", "135" and "150"	1	
-8	461 624		FUSE - (No. 3AG30 AMP)	3	
-9	10438-02		JUMPER	1	
-10	13051-00		BLOCK ASSEMBLY - Fuse	1	18-1215 and up
-11	10443-00		PLATE - Mounting, fuse block	1	(PA-18A only) 18-1215 and up
-12	13292-00		PANEL ASSEMBLY - Mounting, fuse block	1	(PA-18A only) 18-1215 and up
-13	13588-00		COVER ASSEMBLY - Battery box	1	(PA-18A only) 18-1215 and up
-14	450 035		BATTERY - Reading, No. R-33-12V	1	18-1215 and up
-15	13589-00		BOX ASSEMBLY - Battery	1	(PA-18A only) 18-1215 and up
-16	13295-00		ANGLE - Battery box mounting	2	(PA-18A only) 18-1215 and up
A - Used on PA-18A airplanes with serial numbers 18-1215 to 18-3013 inclusive. B - Used on PA-18 airplanes with serial numbers 18-1 to 18-664 inclusive, and PA-18A airplanes with serial numbers 18-1262 to 18-3013 inclusive.					

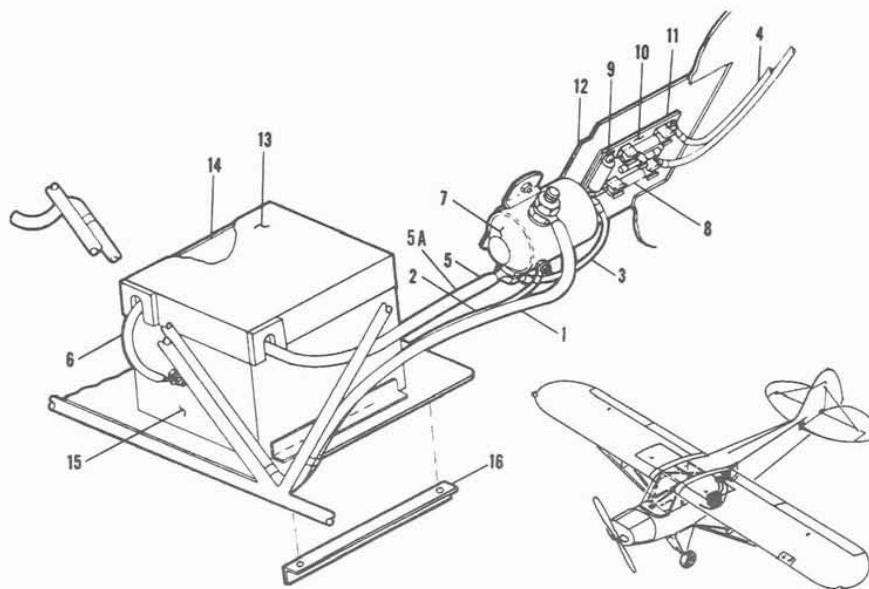


Figure 38. Battery Box Installation

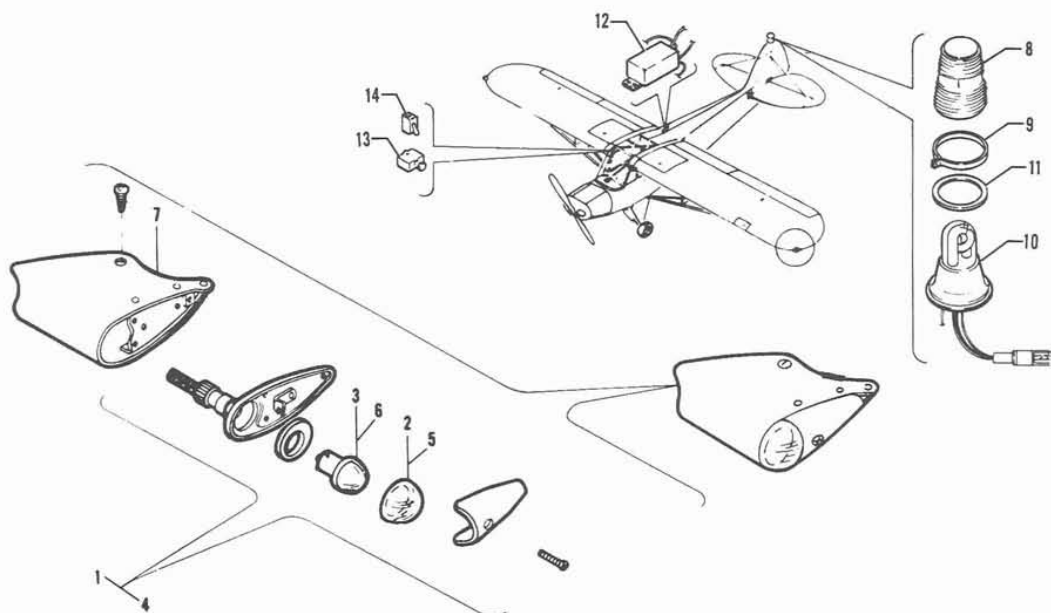


Figure 39. Wing Light and Strobe Light Installation

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
39-1	472 665		LIGHT - Navigation, wing, red, LH (Grimes No. A1285)	1	
-2	751 202		LENS - Red (No. A1280-2)	1	
-3	751 381		BULB - (No. 1512)	1	
-4	472 666		LIGHT - Navigation, wing, green, RH (Grimes No. A1285)	1	
-5	751 201		LENS - Green (No. A1280-3)	1	
-6	751 381		BULB - No. 1512	1	
-7	12560-00		BRACKET ASSEMBLY - Navigation light, wing	2	
-8	44291-02		LENS - Strobe light	1	18-7509123 and up
-9	755 200		CLAMP - Ring assembly (A409)	1	18-7509123 and up
-10	761 189		FLASH TUBE - (A469D)	1	18-7509123 and up
-11	755 042		GASKET - (A467)	1	18-7509123 and up
-12	757 359		POWER SUPPLY - (A412A-14)	1	18-7509123 and up
-13	454 656		CIRCUIT PROTECTOR - (109-205-102)	1	18-7509123 and up
-14	487 791		SWITCH - (110-S-73)	1	18-7509123 and up

When ordering, always specify Part Number, Description and Serial Number of Aircraft

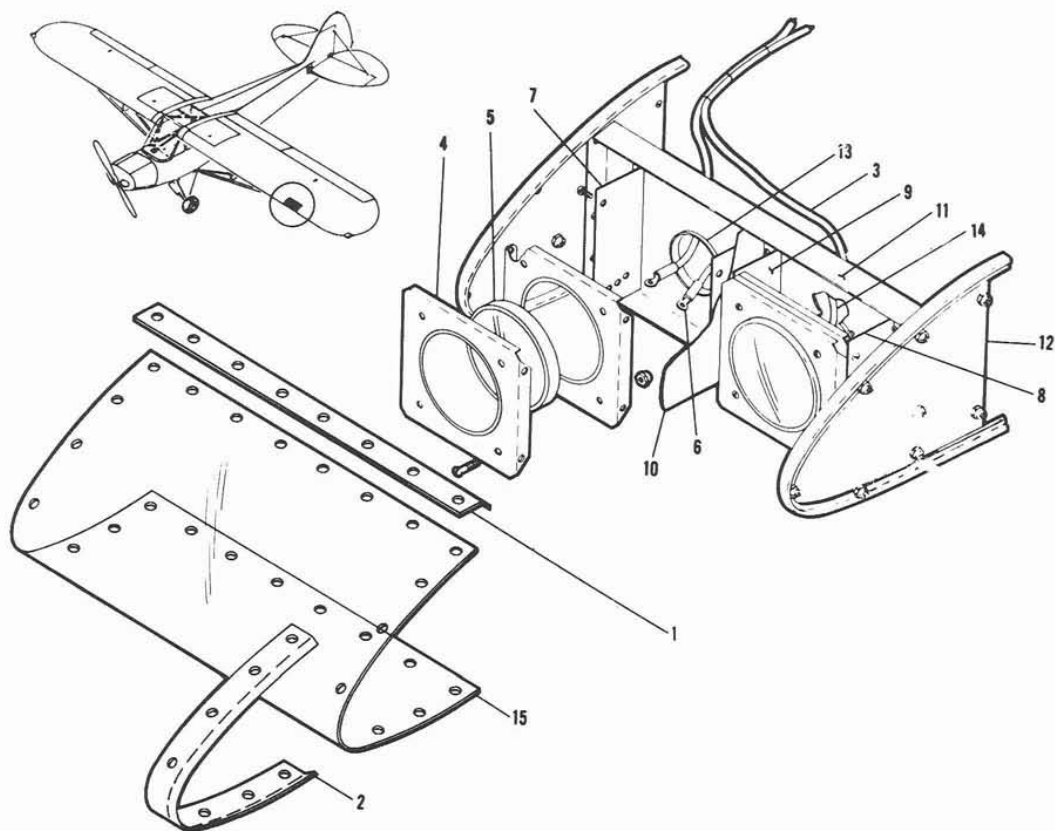


Figure 40. Landing Light Installation

LANDING LIGHT INSTALLATION

SECTION VIII
Electrical System Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
40-	12534	C	DRAWING - Landing Light Installation, "95", "105", "125" and "135"		
	14442		DRAWING - Landing Light Installation, "150"		18-3771, 18-3781 and up
	14502		DRAWING - Landing Light Assembly, "135" and "150"		18-3771, 18-3781 and up
-1	12533-02	C	STRIP - Attachment, "95", "105", "125" and "135"	1	
	12533-05		STRIP - Landing light window attachment, top and bottom, "135" and "150"	2	18-3771, 18-3781 to 18-5058
	14787-03		STRIP - Landing light window attachment, top and bottom, "150"	2	18-5059 and up
-2	12533-03		STRIP - Side attachment	2	18-1 to 18-5058 inclusive
	14786-00		STRIP - Side attachment, left	1	18-5059 and up
	14786-01		STRIP - Side attachment, right	1	18-5059 and up
-3	12298-12	A	HARNESS ASSEMBLY - Wire	1	18-1 to 18-7409139 inclusive
	12298-07	B	HARNESS ASSEMBLY - Wire	1	18-1 to 18-7409139 inclusive
	49977-86		HARNESS ASSEMBLY - Wire	1	18-7409140 and up
-4	12525-00		PLATE	4	
-5	472 661		LIGHT - Landing, 100W - 12V (No. 4509)	2	
-6	12177-33		WIRE ASSEMBLY - Light, ground, outboard	1	
-7	12524-03		BRACKET	1	
-8	12524-04		BRACKET	1	
-9	12524-02		BRACKET	1	
-10	12529-03		PLATE - Reinforcement	1	
-11	12527-00	C	PLATE - Mounting, "95", "105", "125" and "135"	1	
	12527-03		PLATE - Landing light mounting, "135" and "150"	1	18-3771, 18-3781 and up
-12	12529-02		PLATE - Reinforcement	2	
-13	187 513		MOULDING - Rubber	6'	
-14	10128-93		WIRE ASSEMBLY - Light, ground, inboard	1	
-15	12532-00	C	WINDOW - Landing light	1	
	12532-03		WINDOW - Landing light	1	18-3771, 18-3781 to 18-5058
	14785-03		WINDOW - Landing light	1	18-5059 and up
			A - Used on airplanes where wire assemblies have knife disconnects only. B - Used on airplanes where wire assemblies have end terminals only. C - Used on PA-18 "95" airplanes with serial numbers 18-1 and up. Used on PA-18 and PA-18A "105" and "125" airplanes with serial numbers 18-1 to 18-3770, 18-3772 to 18-3780 inclusive, and PA-18 "135" airplanes with serial numbers 18-1 and up.		

When ordering, always specify Part Number, Description and Serial Number of Aircraft

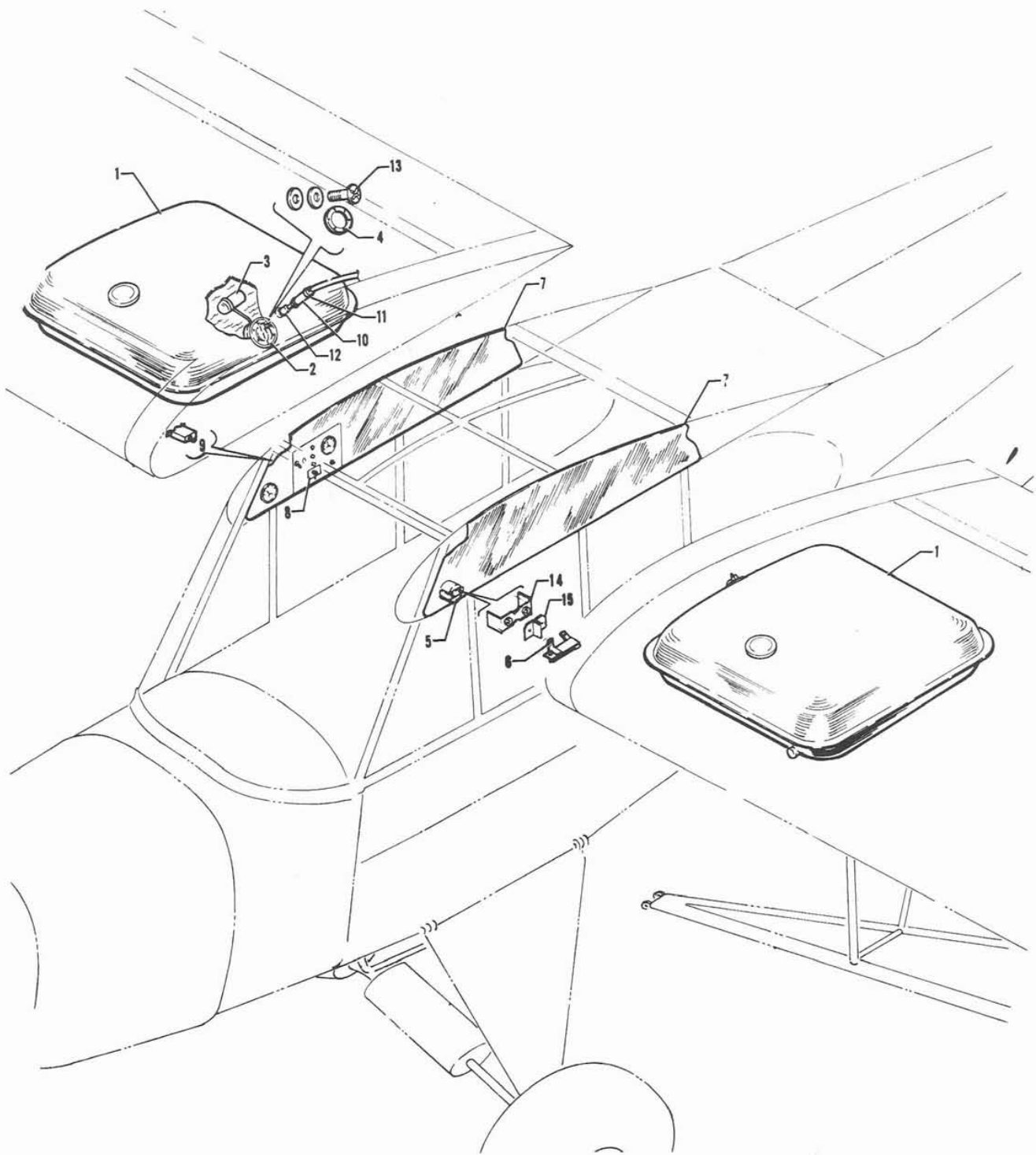


Figure 40A. Electric Fuel Gauge Installation

ELECTRIC FUEL GAUGE INSTALLATION

SECTION VIII
Electrical System Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
40A-	15277		DRAWING - Electric Fuel Gauge Installation "150"		
-1	10849-34		TANK ASSEMBLY - Fuel, left	1	
	10849-43		TANK ASSEMBLY - Fuel, right	1	
-2	13009-02		GAUGE ASSEMBLY - Fuel, tank unit (550 649)	2	
-3	751 767		FLOAT ASSEMBLY - Fuel gauge	1	
-4	462 021		GASKET - Fuel tank unit (#1516395)	2	
-5	450 760		GAUGE ASSEMBLY - Fuel, panel unit (#5644510)	2	
-6	451 850	A	ADAPTER - Fuel gauge (#1517287)	2	
-7	15271-02		PANEL - Cockpit, upper left trim	1	
	14337-04		PANEL - Cockpit, upper right trim	1	
-8	15275-00		PLATE - Fuel gauge circuit breaker	1	
-9	454 656		CIRCUIT PROTECTOR - (#109-205-102)	1	
-10	82371-06		HOSE - Vent line	1	
-11	454 983		CLAMP - Hose (#8)	2	
-12	458 940		ELBOW - Fuel tank vent (AN844-4D)	1	
-13	48659-08		SCREW ASSEMBLY - Seal	10	
-14	487 570		STRAP - Mounting (A.C. #1500666)	2	
-15	487 350		SEPARATOR - Terminal (A.C. #1515642)	2	
A - Used on fuel gauge stamped with A.C. Spark Plug #5644510 or #5644005 only.					

When ordering, always specify Part Number, Description and Serial Number of Aircraft

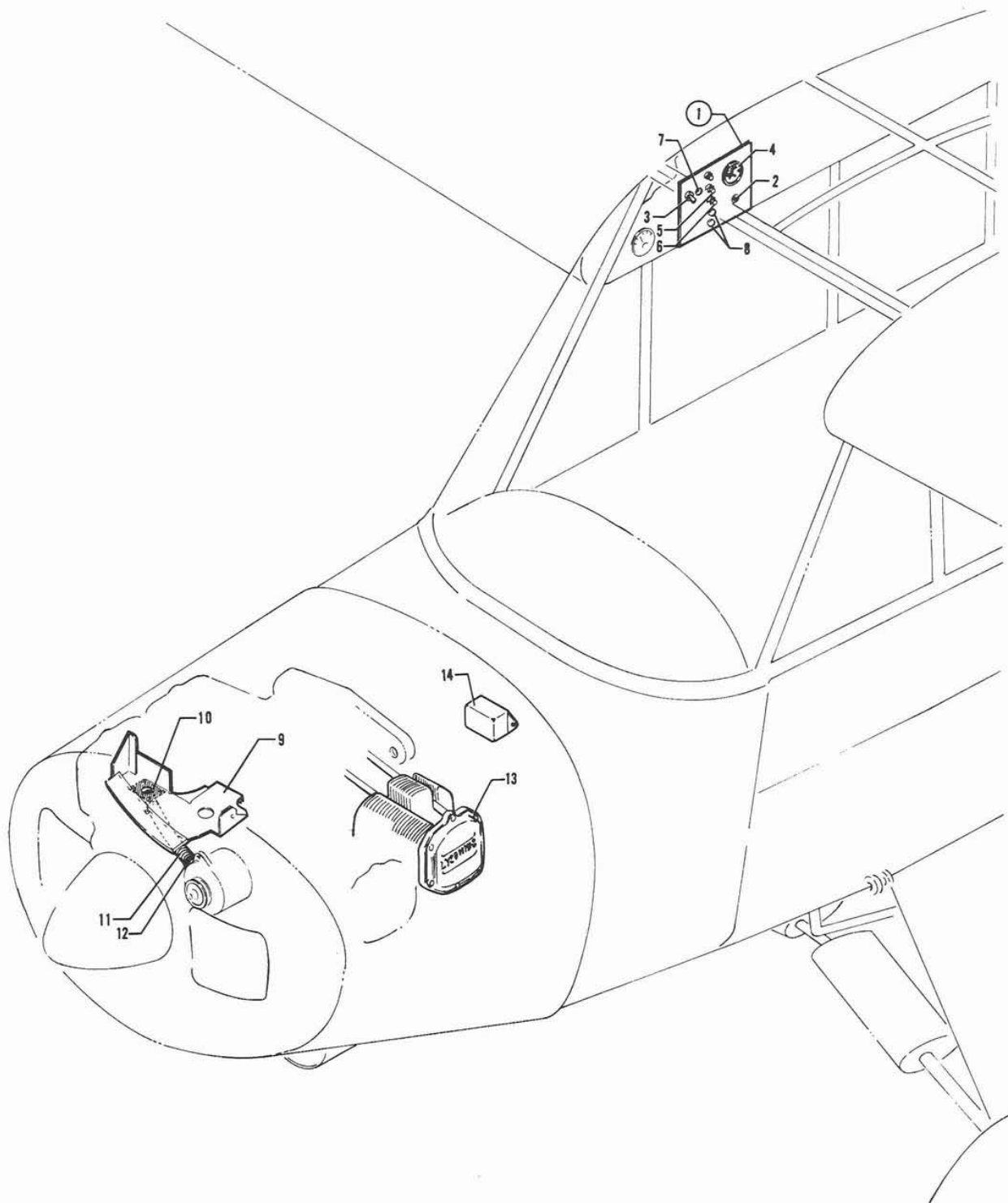


Figure 40B. 35 AMP Generator Installation

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
40B-	15288		DRAWING - 35 AMP Generator Installation "150"		
-1	15273-00		PANEL ASSEMBLY - Switch	1	
-2	487 776		SWITCH - Master (AN3023-1B)	1	
-3	487 778		SWITCH - Navigation lights (AN3022-2)	1	
-4	450 652		INSTRUMENT - Ammeter (1502625)	1	
-5	454 663		CIRCUIT PROTECTOR - (109-235-102)	1	
-6	454 656		CIRCUIT PROTECTOR - (109-205-102)	2	
-7	453 602		BUTTON - Plug (SS48152)	1	
-8	453 668		BUTTON - Plug (HS51077)	2	
-9	14439-07		BAFFLE ASSEMBLY - Engine, right front	1	
-10	11280-00		TAKE-OFF ASSEMBLY - Engine baffle	1	
-11	10625-51		HOSE - Flexible	1	
-12	554 892		CLAMP - (SAE TYA-15/16)	2	
-13			ENGINE - Lycoming (O-320-A2B)	1	
-14	450 390		VOLTAGE REGULATOR - (35 amp)	1	

When ordering, always specify Part Number, Description and Serial Number of Aircraft

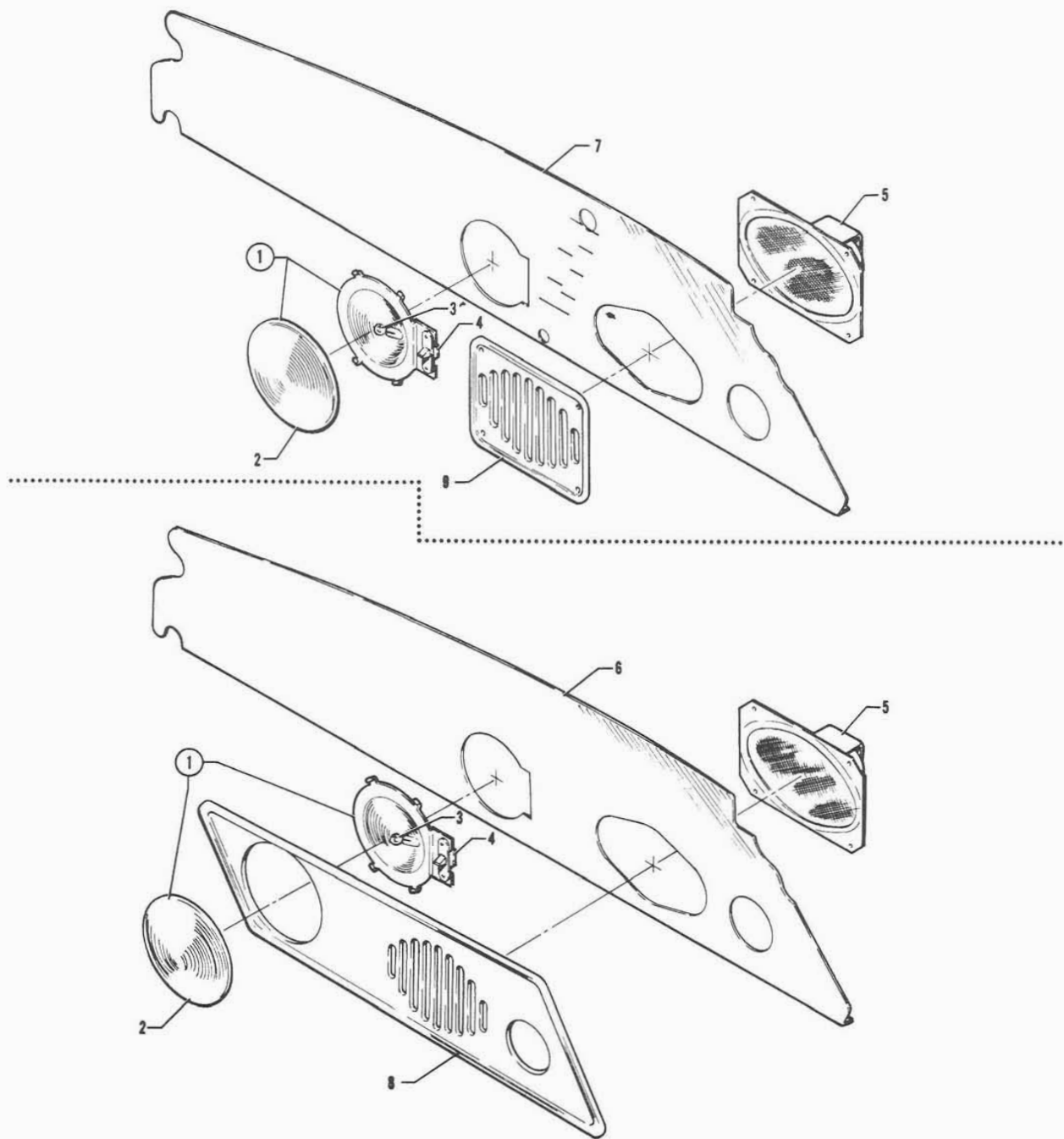


Figure 40C. Speaker and Dome Light Installation

SPEAKER AND DOME LIGHT INSTALLATION

SECTION VIII
Electrical System Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
40C -	15285		DRAWING - Speaker and Dome Light Installation "150"		
-1	15281-00		LIGHT ASSEMBLY - Dome	1	
-2	472 330		LENS - Dome light (12715-00)	1	
-3	472 036		BULB - Dome light (#89)	1	
-4	487 777		SWITCH - Dome light (#5518)	1	
-5	21879-02		SPEAKER ASSEMBLY	1	
-6	15271-00	A	PANEL - Cockpit, upper left trim	1	
-7	15271-03	B	PANEL - Cockpit, upper left trim	1	
-8	15274-00	A	PANEL - Speaker	1	
-9	15282-00	B	PANEL - Speaker	1	
A - Used when electric fuel gauge is installed. B - Used when standard fuel gauge is installed.					

When ordering, always specify Part Number, Description and Serial Number of Aircraft

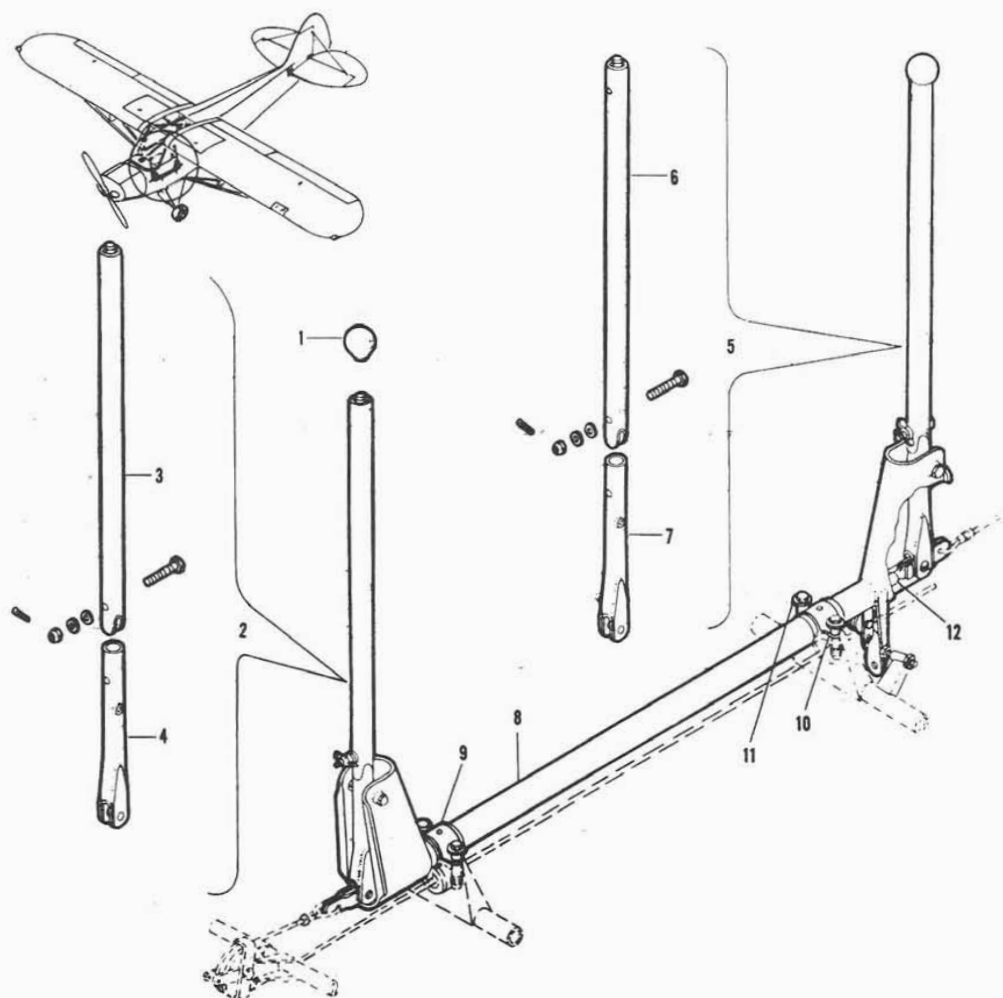


Figure 41. Elevator and Aileron Control Installation

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
41-	12237	B	DRAWING - Control Installation, Elevator and Aileron (dual control) "95", "105" and "125"		
	13739	C	DRAWING - Control Installation, Elevator and Aileron (dual control) "95", "135" and "150"		
	13276		DRAWING - Control Installation, Elevator and Aileron (single control) "125"		(PA-18A only)
	13740		DRAWING - Control Installation, Elevator and Aileron (single control) "135" and "150"		(PA-18A only)
-1	18875-07		KNOB	2	
-2	42812-00	AB	STICK ASSEMBLY - Front, "105" and "125"	1	
	13733-02	C	STICK ASSEMBLY - Front, "135" and "150"	1	
-3	12403-02	AB	STICK - Top, "105" and "125"	1	
	13731-02	C	STICK - Top, "135" and "150"	1	
-4	42792-00	AB	STUB ASSEMBLY - "105" and "125"	1	
	13729-00	C	STUB ASSEMBLY - "135" and "150"	1	
-5	42812-02	AB	STICK ASSEMBLY - Rear, "105" and "125"	1	
	13733-03	C	STICK ASSEMBLY - Rear, "135" and "150"	1	
-6	12403-03	AB	STICK - Top, "105" and "125"	1	
	13731-03	C	STICK - Top, "135" and "150"	1	
-7	42792-00	AB	STUB ASSEMBLY - "95", "105" and "125"	1	
	13729-00	C	STUB ASSEMBLY - "95", "135" and "150"	1	
-8	40223-04	AB	TORQUE TUBE ASSEMBLY - Dual control, "105", "125" and "95"	1	
	13735-00	C	TORQUE TUBE ASSEMBLY - Dual control, "95", "135" and "150"	1	
	13280-00		TORQUE TUBE ASSEMBLY - Single control, "125"	1	(PA-18A only)
	13742-00		TORQUE TUBE ASSEMBLY - Single control, "135" and "150"	1	(PA-18A only)
-9	21811-03		CAP - Bearing	2	
-10	41371-02		SHIMS - Torque tube bearing attachment	AR	
	41371-03		SHIMS - Torque tube bearing attachment	AR	
	41371-04		SHIMS - Torque tube bearing attachment	AR	
-11	80122-17		WASHER - Torque tube bearing attachment	4	
-12	40261-00		TUBE ASSEMBLY - Control stick connector (with dual control)	1	
A - Used on PA-18 airplanes with serial numbers 18-1 to 18-1969 inclusive and PA-18A airplanes with serial numbers 18-1215 to 18-1969 inclusive. B - Used on "95" airplanes with serial numbers 18-1 to 18-2891 inclusive. C - Used on "95" airplanes with serial numbers 18-2892 and up.					

When ordering, always specify Part Number, Description and Serial Number of Aircraft

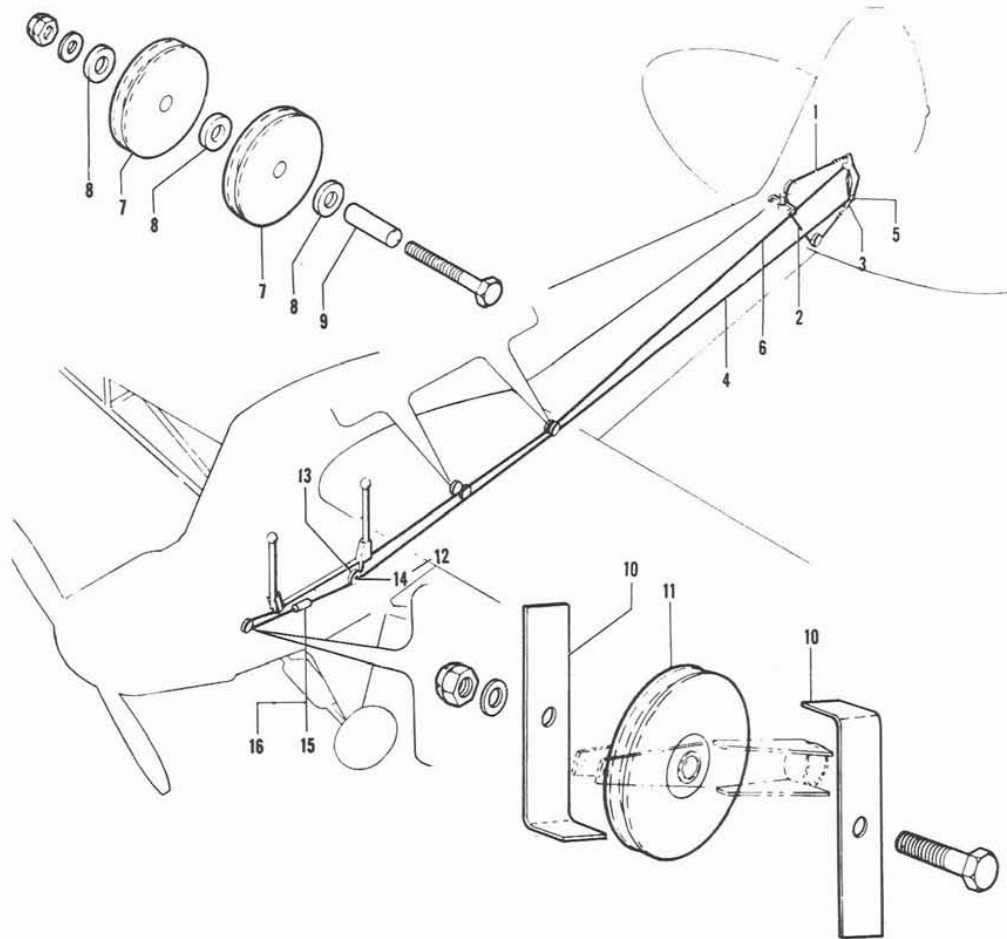


Figure 42. Elevator Control System

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
42-1	<u>40123-78</u>		CABLE ASSEMBLY - Bungee, "105", "125", "135" and "150"	1	
	40123-66		CABLE ASSEMBLY - Bungee, "95"	1	
	40123-89	A	CABLE - Bungee, "125", "135" and "150"	1	
	40123-81	AB	CABLE - Bungee, "105"	1	
-2	40123-92	AB	CABLE - Bungee, front, "105"	1	
-3	40123-88	AB	CABLE - Bungee, rear, "105"	1	
-4	10870-00	CD	CABLE ASSEMBLY - Elevator, lower "95", "105" and "125"	1	
	<u>13745-00</u>	E	CABLE ASSEMBLY - Elevator, lower "95", "135" and "150"	1	
	<u>13745-03</u>	A	CABLE ASSEMBLY - Elevator, lower "135" and "150"	1	
	10870-17	A	CABLE ASSEMBLY - Elevator, lower "105" and "125"	1	
-5	<u>41271-02</u>		LINK - Cable attachment	1	
-6	10870-07	F	CABLE ASSEMBLY - Elevator, upper	1	
	13270-00		CABLE ASSEMBLY - Elevator, upper (single control)		
			"125", "135" and "150"	1	(PA-18A only)
	<u>10870-16</u>	AF	CABLE ASSEMBLY - Elevator, upper "125", "135" and "150"	1	
-7	<u>80421-00</u>		PULLEY - Fibre 1-3/4"	4	
-8	<u>81342-42</u>		WASHER	6	
-9	<u>86102-92</u>		BUSHING	2	
-10	<u>12241-00</u>		BRACKET - Pulley guard	2	
-11	41001-00		PULLEY - 2-3/4"	1	
-12	80122-18		WASHER	2	
-13	11200-00		PULLEY	1	
-14	80012-04		BUSHING - Insert	1	
-15	40071-00		FAIRLEAD - Cable	2	
-16	40081-00		RING - Snap	1	
A - Stainless steel cables. B - Used on PA-18 airplanes with serial numbers 18-1 to 18-548 inclusive. C - Used on PA-18 airplanes with serial numbers 18-1 to 18-3013 inclusive and PA-18A airplanes with serial numbers 18-1215 to 18-1969 inclusive. D - Used on PA-18 "95" airplanes with serial numbers 18-1 to 18-2891 inclusive. E - Used on PA-18 "95" airplanes with serial numbers 18-2892 and up. F - Also used on PA-18A airplanes with dual control.					

When ordering, always specify Part Number, Description and Serial Number of Aircraft

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
43-1	40123-03	A	CABLE - Aileron control, balance	2	
	14300-19		CABLE - Aileron control, balance	2	
-2	81262-36		LINK	2	
-3	40123-76	A	CABLE - Aileron control, torque tube to aileron	2	
	14300-28		CABLE - Aileron control, torque tube to aileron	2	
-4	81352-11		LINK - Connecting, aileron cable	2	
-5	80421-00		PULLEY - Fibre, 1-3/4"	6	
-6	80012-03		BUSHING	4	
-7	40991-00		PULLEY	4	
-8	80012-04		BUSHING	2	
-9	81342-42		WASHER - Spacer	4	
-10	40731-00		PLATE - Rub, cable	3	
-11	40701-00		FAIRLEAD - Cable	8	
-12	40081-00		RING - Snap, fairlead	4	
			A - Stainless steel cables.		

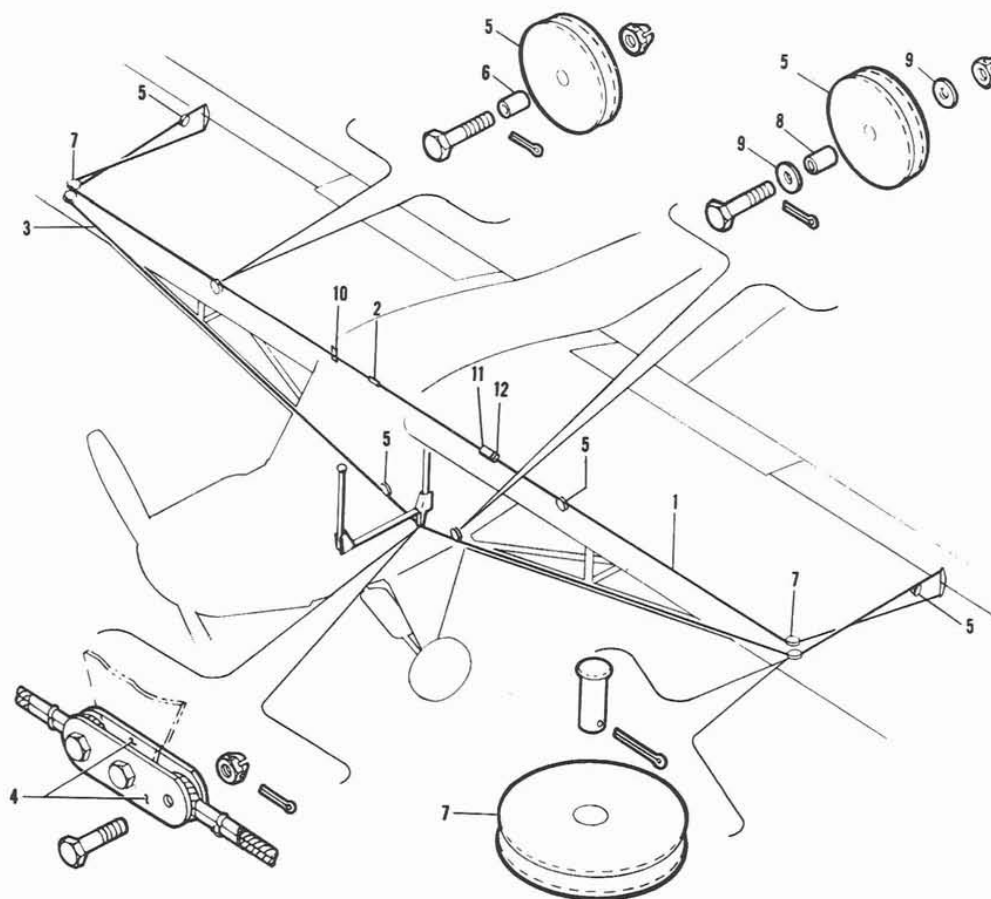


Figure 43. Aileron Control System

SECTION IX
Control System Group

RUDDER CONTROL SYSTEM

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
44-1	10865-00	A	CABLE ASSEMBLY - Rudder	2	
	10865-05		CABLE ASSEMBLY - Rudder	2	
-2	80421-00		PULLEY	2	
-3	80122-18		WASHER	4	
-4	80012-04		BUSHING - Insert	2	
-5	40071-00		FAIRLEAD - Cable, segment	8	
-6	40081-00		RING - Snap	4	
			A - Stainless steel cables.		

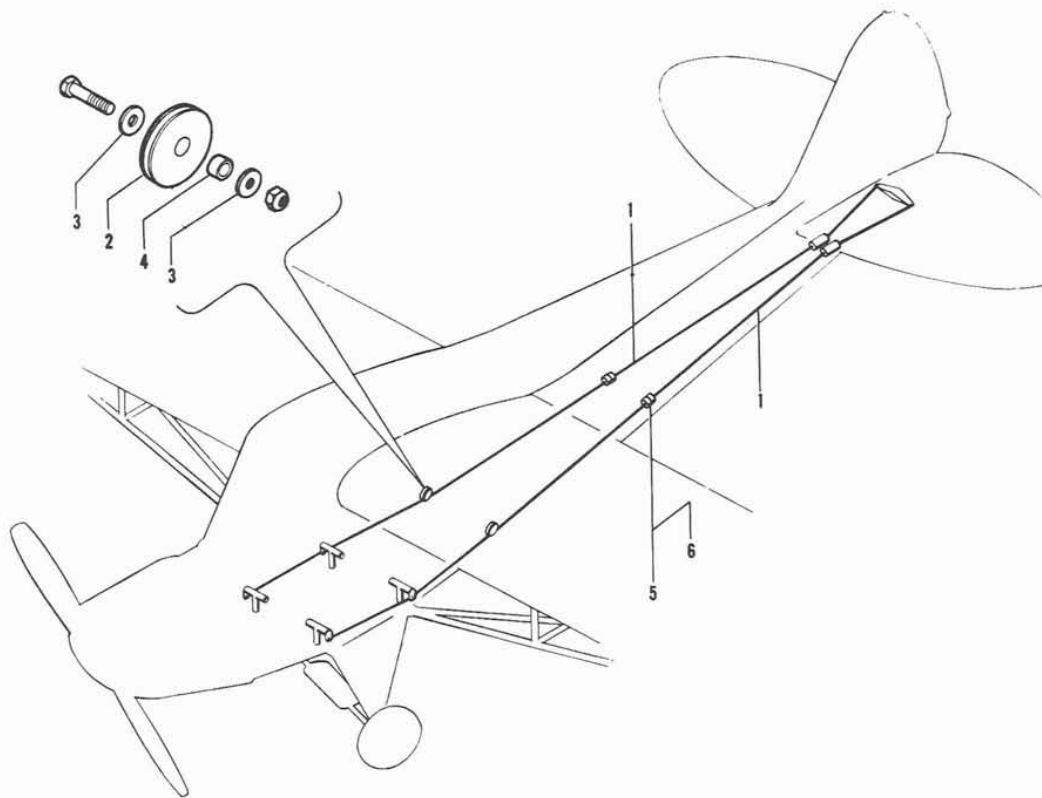


Figure 44. Rudder Control System

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
45-1	12794-00		CABLE ASSEMBLY - Flap control, "105", "125", "135" and "150", in fuselage	1	(PA-18 only)
	12794-04	A	CABLE ASSEMBLY - Flap control, "105", "125", "135" and "150", in fuselage	1	(PA-18 only)
	13271-00		CABLE ASSEMBLY - Flap control, in fuselage	1	(PA-18A only)
	13271-03	A	CABLE ASSEMBLY - Flap control, in fuselage	1	(PA-18A only)
-2	40123-77		CABLE ASSEMBLY - Flap control, upper, "105", "125", "135" and "150"	2	(PA-18 only)
	14300-27	A	CABLE ASSEMBLY - Flap control, upper, "105", "125", "135" and "150"	2	(PA-18 only)
-3	11694-02		CABLE ASSEMBLY - Flap return (2 per ship when fuel tank is installed in right wing) "105", "125" and "135", LH	1	18-1 to 18-3770 inclusive, 18-3772 to 18-3780 inclusive
	11694-04	A	CABLE - Flap return (2 per ship when fuel tank is installed in right wing) LH, "105", "125" and "135"	1	18-1 to 18-3770 inclusive, 18-3772 to 18-3780 inclusive
	487 328		SPRING - Flap return (14384-00) "135" and "150"	2	18-3771, 18-3781 and up
-4	11694-03		CABLE ASSEMBLY - Flap return (used when fuel tank is not installed) RH, "105" and "125"	1	18-1 to 18-1969 inclusive
	11694-05	A	CABLE - Flap return (used when fuel tank is not installed) RH, "105" and "125"	1	18-1 to 18-1969 inclusive
-5	10940-00		SPRING	1	18-1 to 18-3770 inclusive, 18-3772 to 18-3780 inclusive
-6	81262-14		LINK - Cable to bellcrank	4	
-7	41001-00		PULLEY - "105", "125", "135" and "150"	5	(PA-18 only)
	41001-00		PULLEY - "125", "135" and "150"	6	(PA-18A only)
-8	81342-11		WASHER - "105", "125", "135" and "150"	5	(PA-18 only)
	80122-25		WASHER - "125", "135" and "150"	4	(PA-18A only)
-9	487 291		SPRING - Flap cable installation	2	(PA-18A only)

A - Stainless steel cables.

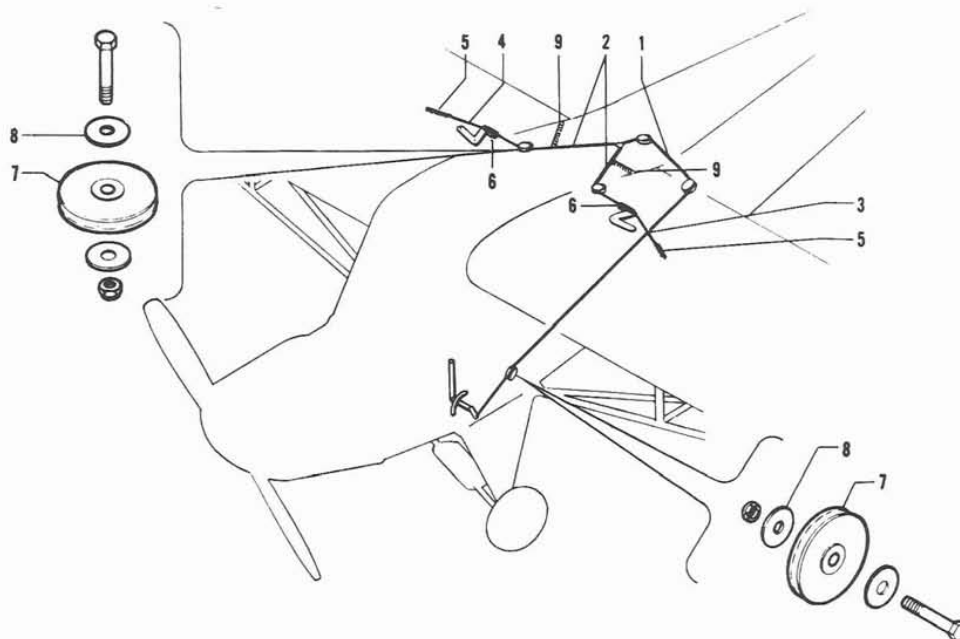


Figure 45. Flap Control System

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
46-	13255 12545 14486	B	DRAWING - Stabilizer Adjustment Cable Installation DRAWING - Stabilizer Adjustment Cable Installation DRAWING - Stabilizer Adjustment Cable Installation		(PA-18A only) (PA-18 only) 18-3771, 18-3781 and up
-1	41671-13 41671-17 41671-15 41671-19	A A	CABLE ASSEMBLY - Stabilizer adjustment CABLE ASSEMBLY - Stabilizer adjustment CABLE - Stabilizer adjustment, "105" CABLE - Stabilizer adjustment, "125", "135" and "150"	1 1 1 1	18-1 to 18-548 inclusive 18-549 and up
-2	42664-03		WIRE - Stabilizer indicator	1	
-3	43001-00		PULLEY - Stabilizer adjustment control cable, 1 inch	2	18-549 and up
-4	80122-18		WASHER - Stabilizer adjustment pulley	4	18-549 and up
-5	12695-00		BLOCK - Rubbing, stabilizer control cable, rear	1	18-1 to 18-548 inclusive
-6	40721-00		BLOCK - Rubbing, stabilizer control cable, front	1	
-7	40731-00		PLATE - Rub (2 per ship 1950 model)	1	
-8	42911-00		FAIRLEAD - Stabilizer indicator wire	1	18-549 and up
-9	80012-04		BUSHING - Insert	2	18-549 and up
A - Stainless steel cables used when floats installed on airplanes Models PA-18 and PA-18A "105", "125", "135" and "150". B - Used on PA-18 airplanes with serial numbers 18-1 to 18-3770 inclusive, 18-3772 to 18-3780 inclusive.					

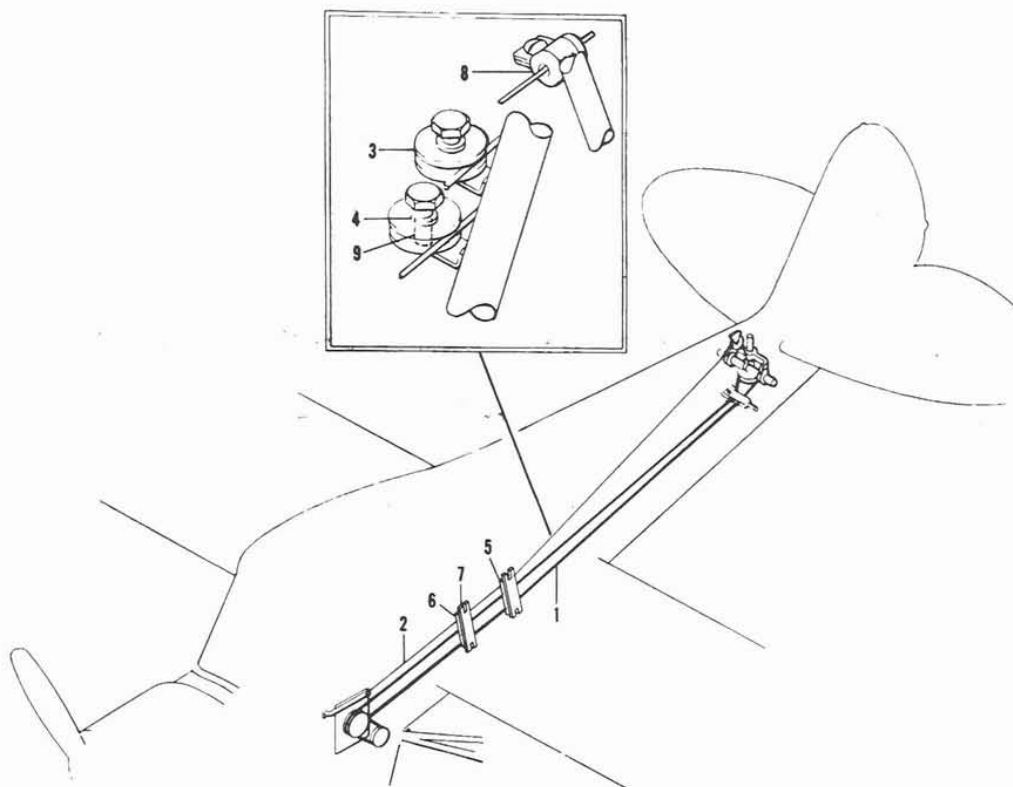


Figure 46. Adjustment Stabilizer Control System

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Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
47 -	12545		DRAWING - Stabilizer Adjustment Crank Installation (Revision letter AF, date 8/4/49)		18-1 to 18-548 inclusive
	12999		DRAWING - Stabilizer Adjustment Crank Mechanism Installation		18-549 and up
-1	41111-00		CRANK ASSEMBLY	1	
-2	41101-00		PLATE - Escutcheon	1	
-3	42891-00		SPRING - Indicator wire	1	
-4	41121-00		INDICATOR ASSEMBLY	1	
-5	10936-00		PLATE - Indicator cover	1	
-6	41151-00		SPRING - Stabilizer crank escutcheon plate	1	
-7	12983-00		PULLEY	1	18-549 and up
	10080-00		PULLEY	1	18-1 to 18-548 inclusive
-8	12105-00		PIN - Crankshaft	1	
-9	81761-11		PIN - Crank locking	1	
-10	81761-04		PIN - Crank pulley locking	1	
-11	80122-18		WASHER - Spacer	2	18-549 and up
-12	80421-00		PULLEY	1	18-549 and up
-13	80012-04		BUSHING - Insert	1	18-549 and up

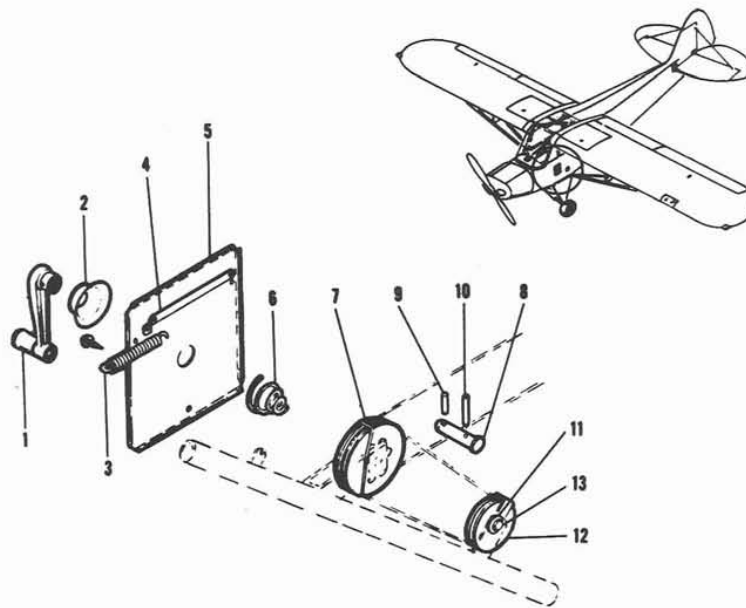


Figure 47. Stabilizer Adjustment Crank Installation

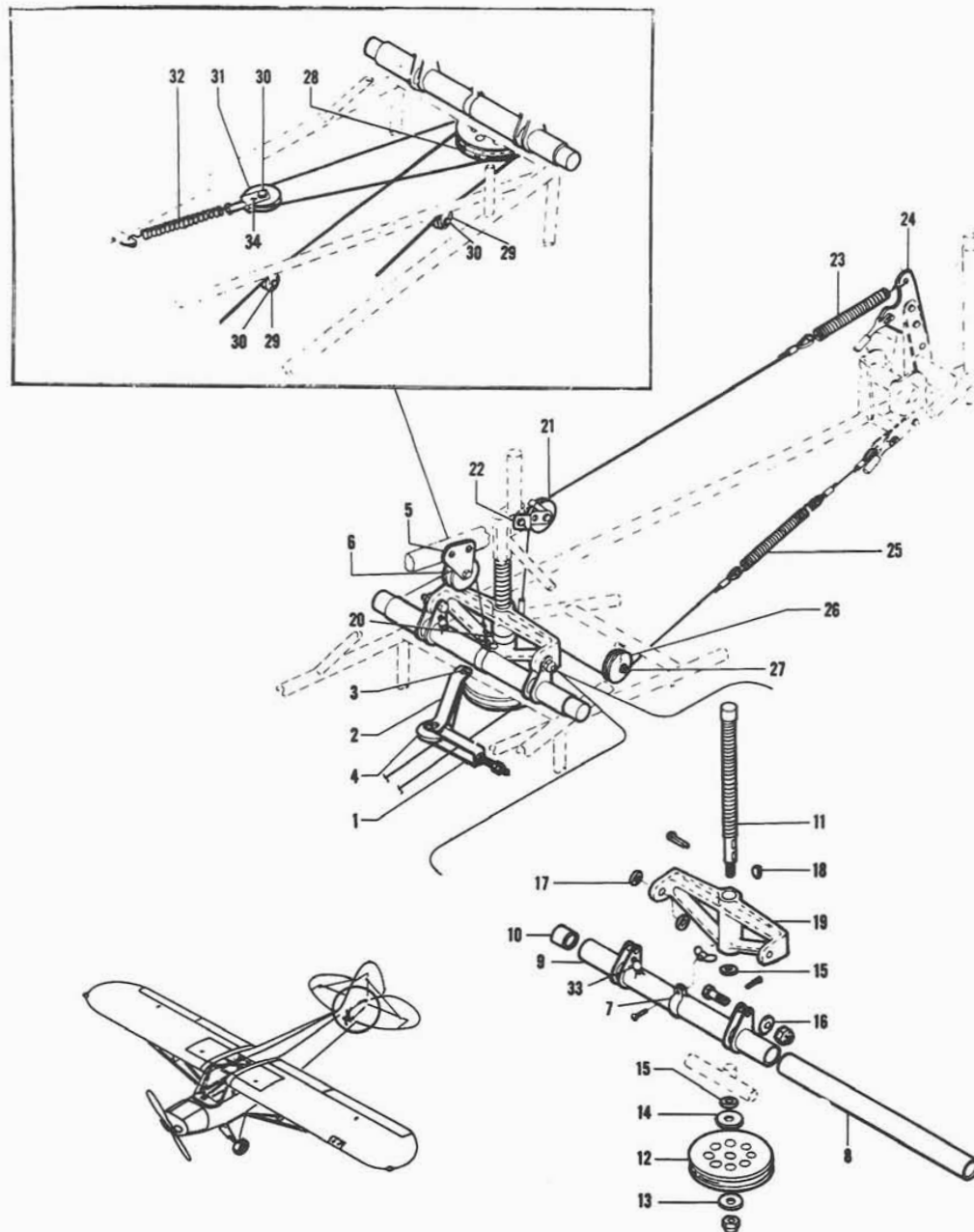


Figure 48. Stabilizer Adjustment Yoke and Bungee Installation

STABILIZER ADJUSTMENT YOKE
AND BUNGEE INSTALLATION

SECTION X
Control System Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
NOTE					
See Figure 42 for Bungee cables.					
48 -	13000		DRAWING - Stabilizer adjustment mechanism installation		18-549 and up
	42664		DRAWING - Stabilizer adjustment mechanism installation		18-1 to 18-548 inclusive
	12263		DRAWING - Bungee installation, "105", "125", "135" and "150"		
	10982		DRAWING - Bungee installation, "95"		
-1	40651-00		YOKE ASSEMBLY - Idler	1	18-1 to 18-548 inclusive
-2	81322-03		LINK - Idler yoke attachment	1	18-1 to 18-548 inclusive
-3	80122-07		WASHER - Link	1	18-1 to 18-548 inclusive
-4	80421-00		PULLEY	1	18-1 to 18-548 inclusive
-5	40821-03		FITTING - Pulley	2	(PA-18 only)
-6	80421-00		PULLEY	1	
-7	80002-15		CLAMP	1	18-1 to 18-2944 incl. and 18-2980
	10466-28	A	CLAMP	1	
-8	86062-80		TUBE - Liner	1	
-9	14180-02		LINK ASSEMBLY	1	
-10	14177-00	A	BUSHING - Insert, brass	2	
-11	42961-02		SCREW - Stabilizer adjustment	1	
-12	11008-00		PULLEY	1	18-1 to 18-548 inclusive
-13	80122-41		WASHER	1	
-14	81342-05		WASHER	1	
-15	85012-12		WASHER	2	
-16	80122-24		WASHER	2	
-17	81342-08		WASHER	4	
-18	41631-00		KEY	1	
-19	42692-00		YOKE ASSEMBLY - Stabilizer adjustment	1	
-20	85211-00		CLAMP	1	
-21	80421-00		PULLEY	1	
-22	81381-00		HOUSING ASSEMBLY - Bungee pulley	1	
-23	10940-02		SPRING - Cable attachments	1	
-24	10449-00		LINK - Upper horn	1	
-25	10940-02	B	SPRING - Cable attachment, "105"	1	
-26	80421-00	B	PULLEY - Lower, "105"	1	
-27	80012-04	B	BUSHING - Insert, "105"	1	
-28	12982-00		PULLEY	1	18-549 and up
-29	43001-00		PULLEY	1	18-549 and up
-30	80122-18		WASHER	6	18-549 and up
	80012-04		BUSHING - Insert	3	18-549 and up
-31	80421-00		PULLEY	1	18-549 and up
-32	81411-02		SPRING - Tension	1	18-549 and up
-33	460 693	A	FITTING - Grease (No. 1688)	1	
-34	11692-05		BRACKET - Pulley	1	18-549 and up
A - Used on airplanes with serial numbers 18-2945 to 18-2979 inclusive and 18-2981 and up.					
B - Used when floats installed on PA-18 airplanes.					

When ordering, always specify Part Number, Description and Serial Number of Aircraft

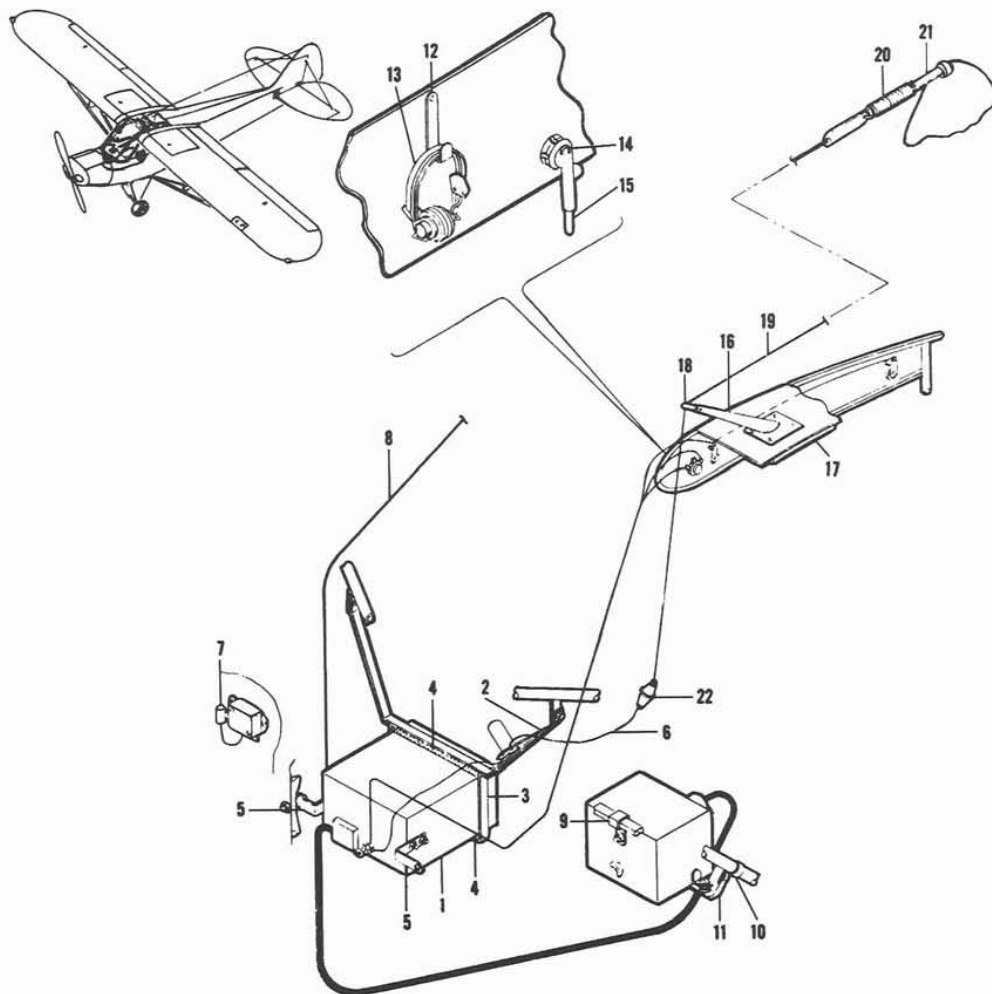


Figure 49. Radio Installation, G. E.

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
49 -	12886		DRAWING - Radio Installation		
-1			RADIO - G.E. AK32, (not available thru Piper Aircraft Corporation, secure from General Electric)	1	
-2	12880-00		BRACKET - Radio hanger mounting	1	
-3	12882-00		BRACKET - Radio mounting support	1	
-4	85512-03		STRIP - Rubber radio installation (at mounting bracket)	2	
-5	12878-00		ANGLE - Radio front attachment (at firewall)	2	
-6	10128-72		WIRE ASSEMBLY - Antenna, (insulator to loading coil)	1	
-7	487 640		SUPPRESSOR - 5MFD, 120 working volts	1	
-8	12177-75		WIRE ASSEMBLY - Circuit breaker to radio	1	
-9	12885-00		CLAMP - Square, top (power unit attachment)	1	
-10	80032-46		CLAMP - Bottom (power unit attachment)	2	
-11	12879-00		BRACKET - Power supply mounting	1	
-12	12883-00		HOOK ASSEMBLY - Headphone	1	
-13	464 326		HEADPHONE - Radio	1	
-14	474 647		MICROPHONE - (Telephonics #RS-38A)	1	
	474 649		MICROPHONE - (TEL-66C)	1	
-15	459 864		PHONE EXTENSION	1	
-16	12176-00		MAST ASSEMBLY - Antenna	1	
-17	11473-35		PLATE - Antenna mast attachment	1	
-18	467 050		INSULATOR - Short, at antenna mast	1	
-19	153 026		WIRE - Antenna, copper, 18 gauge	17*	
-20	751 124		SPRING AND INSULATOR ASSEMBLY - Antenna	1	
-21	10824-00		ANGLE - Antenna attachment	1	
-22	467 062		INSULATOR - Windshield	1	

When ordering, always specify Part Number, Description and Serial Number of Aircraft

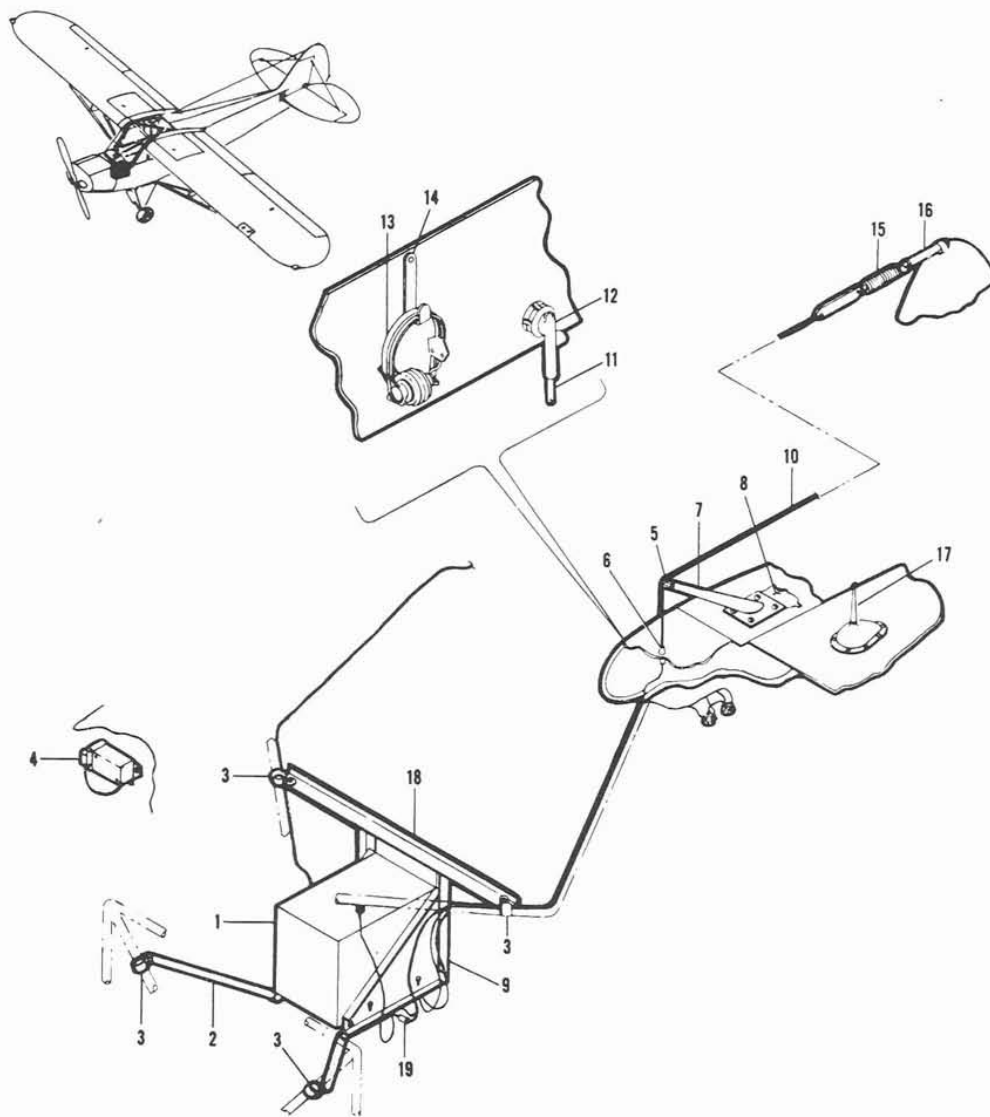


Figure 50. Radio Installation, Bendix PATR-10A

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
50-	13021 12957 13011		DRAWING - Radio Installation DRAWING - Radio Wire Harness DRAWING - Headphone and Microphone Jack Assembly NOTE: Headphone and microphone jacks not available thru Piper Aircraft Corporation, secure from Bendix Aviation Corporation.		
	12952		DRAWING - Antenna lead in wire assembly		
	752 205		KIT - Radio Installation, Less Radio	1	
-1	451 280		RADIO - Bendix PATR-10A (not available thru Piper Aircraft Corporation, secure from Bendix Aviation Corporation)	1	
-2	12948-00		BRACKET ASSEMBLY - Radio mounting support	1	
-3	80032-52		CLAMP - Radio mounting bracket and angle attachment	4	
-4	487 640		SUPPRESSOR - 5MFD, 120 working volts	1	
-5	467 050		INSULATOR - Short, at antenna mast	1	
-6	467 062		INSULATOR - (Windshield)	1	
-7	12176-00		MAST ASSEMBLY - Antenna	1	
-8	11473-35		PLATE - Antenna, mast attachment	1	
-9	12947-00		PANEL - Radio mounting	1	
-10	153 026		WIRE - Antenna, copper weld, No. 18 gauge	17	
-11	459 864		PHONE EXTENSION	1	
-12	474 647		MICROPHONE - (Telephonics #RS-38A)	1	
	474 649		MICROPHONE - (TEL-66C)	1	
-13	464 326		HEADPHONE - Radio	1	
-14	12883-00		HOOK ASSEMBLY - Headphone	1	
-15	751 124		SPRING AND INSULATOR ASSEMBLY - Antenna	1	
-16	10824-00		ANGLE - Antenna attachment, at rudder	1	
-17			VHF Antenna (not available thru P.A.C.) (Secure from Bendix Aviation Corporation)	1	
-18	12949-00		ANGLE - Radio panel mounting	1	
-19	455 160		CONNECTOR - VHF Antenna, No. 221	1	

When ordering, always specify Part Number, Description and Serial Number of Aircraft

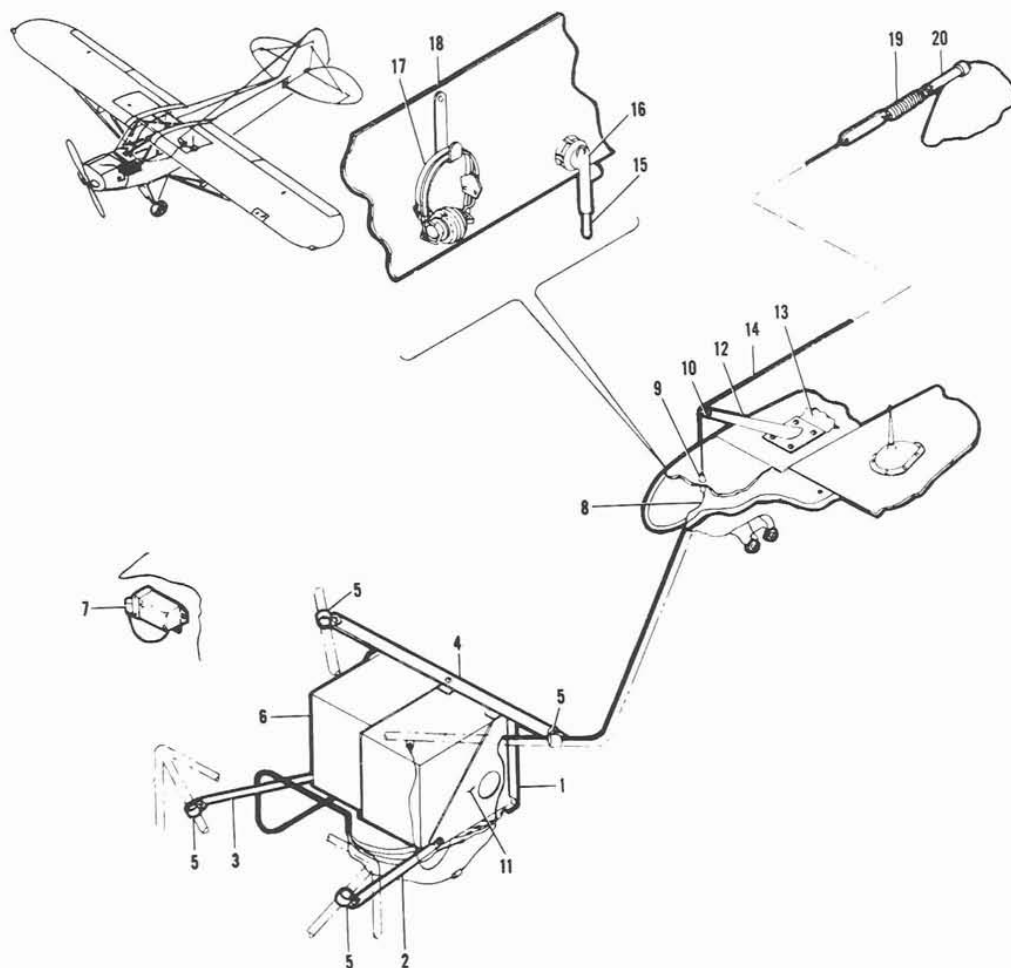


Figure 51. Radio Installation, Bendix PAT-50A

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
51-	13338 13011 13329		DRAWING - Radio Installation DRAWING - Headphone and Microphone Jack Assembly (Not available thru Piper Aircraft Corporation, secure from Bendix Aviation Corporation) DRAWING - Harness Assembly, Receiver and Transmitter		
-1	13211-00		PANEL - Radio face	1	
-2	13210-02		TUBE - Radio support, LH	1	
-3	13210-03		TUBE - Radio support, RH	1	
-4	12949-00		ANGLE - Radio panel, mounting	1	
-5	80032-52		CLAMP - Mounting bracket, attachment	4	
-6			RADIO - (Transmitter and receiver) (Not available thru Piper Aircraft Corporation, secure from Bendix Aviation Corporation)	1	
-7	487 640		SUPPRESSOR - 5MFD, 120 working volts	1	
-8	12952-02		WIRE ASSEMBLY - Antenna, lead in	1	
-9	467 062		INSULATOR - (Windshield)	1	
-10	467 050		INSULATOR - (Short) antenna mast	1	
-11	13209-00		BRACKET ASSEMBLY - Radio mounting	1	
-12	12176-00		MAST ASSEMBLY - Antenna	1	
-13	11473-35		PLATE - Antenna mast attachment	1	
-14	153 026		WIRE - Antenna, copper, No. 18 gauge	17	
-15	459 864		PHONE EXTENSION - (CD-307)	1	
-16	474 647		MICROPHONE - (Telephonics #RS-38A)	1	
	474 649		MICROPHONE - (TEL-66C)	1	
-17	464 326		HEADPHONE - (HS33)	1	
-18	12883-00		HOOK ASSEMBLY - Headphone	1	
-19	751 124		SPRING AND INSULATOR ASSEMBLY - Antenna	1	
-20	10824-00		ANGLE - Antenna attachment	1	

When ordering, always specify Part Number, Description and Serial Number of Aircraft

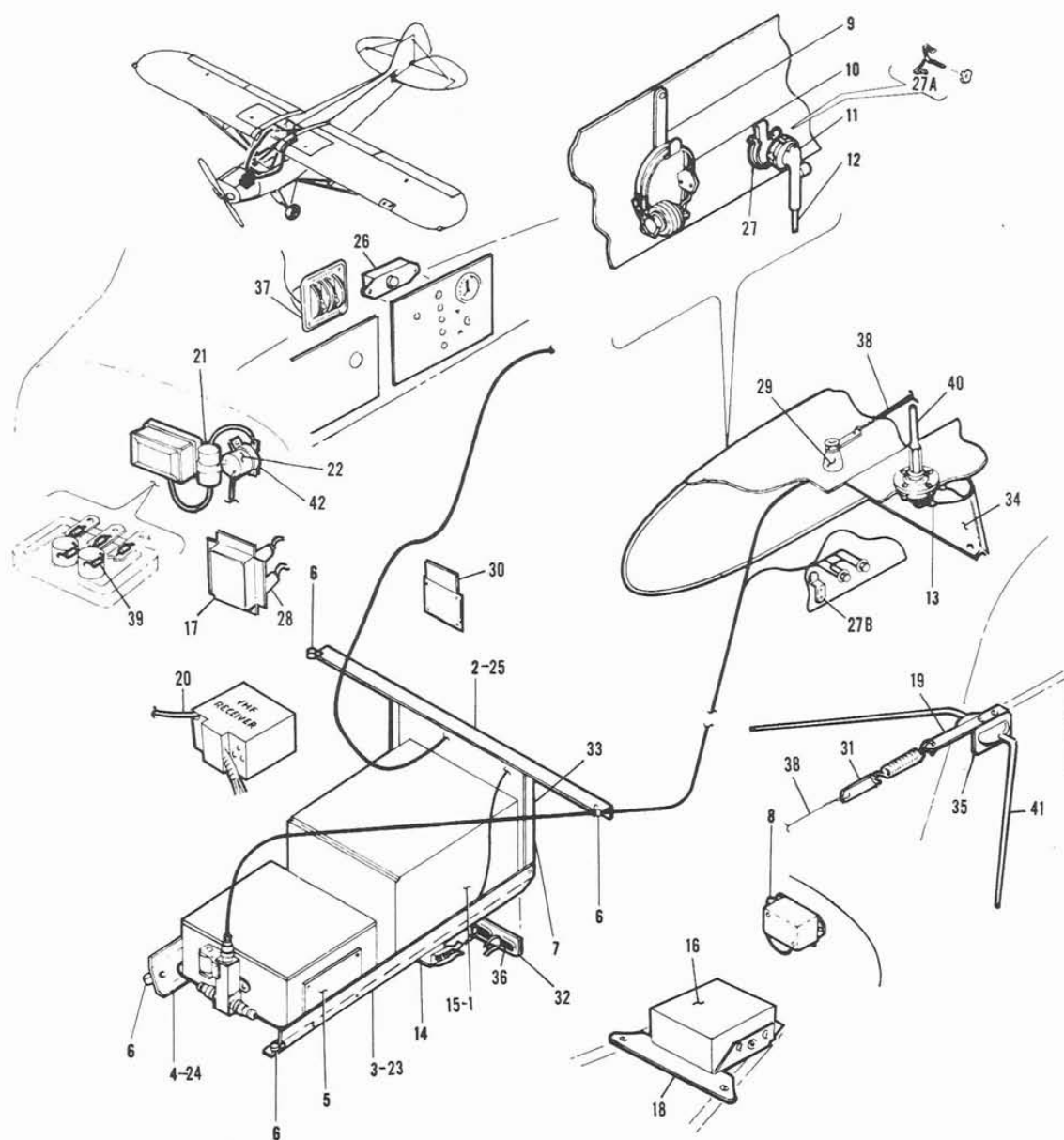


Figure 52. Radio Installation, Lear

SECTION X
Radio Group

RADIO INSTALLATION
LEAR LTRA-5 AND -6

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
52-	13353 14519	AB C	DRAWING - Radio Installation DRAWING - Radio Installation		18-3771, 18-3781 and up
-1			RADIO - Lear LTRA-5 (Not available through Piper Aircraft Corporation, secure from Lear, Incorporated)	1	
-2	12949-02	B	ANGLE - Radio mounting	1	
-3	13330-00	B	CHANNEL - Radio mounting, LH	1	
-4	13330-01	B	CHANNEL - Radio mounting, RH	1	
-5	13326-00	B	BRACKET ASSEMBLY - Radio support, LH	1	
	13326-01	B	BRACKET ASSEMBLY - Radio support, RH	1	
-6	80032-52	B	CLAMP - Radio mounting bracket	4	
-7	13325-00	B	PANEL - Radio mounting	1	
-8	487 640	B	SUPPRESSOR - (5MFD 120 working volt)	1	
-9	12883-00	B	HOOK ASSEMBLY - Headphone	1	
-10	464 326	B	HEADPHONE - Radio	1	
-11	474 647	B	MICROPHONE - (Telephonics #RS-38A)	1	
	474 649	B	MICROPHONE - (TEL-66C)	1	
-12	459 864	B	PHONE EXTENSION - (No. CD-307)	1	
-13	488 357	B	TERMINAL - (No. 30992)	1	
-14	13437-00	B	BRACKET - Control lock attachment	1	
-15		C	RADIO - Lear LTRA-6 VHF transmitting; VHF receiving and L.F. receiving (Not available through Piper Aircraft Corporation, secure from Lear, Incorporated)		
-16		C	DYNAMOTOR - #LD-5 (Used with installation of LTRA-6) (Not available through Piper Aircraft Corporation, secure from Lear, Incorporated)		
-17	14311-18	C	BOX ASSEMBLY - Magneto filter	1	
-18	14598-00	C	BRACKET ASSEMBLY - Mounting, dynamotor	1	
-19	14572-00	C	BRACKET ASSEMBLY - L.F. antenna attachment on fin	1	
-20	16933-06	C	CABLE - Co-ax, VHF receiver (14564-03)	1	
-21	454 046	C	CAPACITOR - (#AG-452) at regulator generator side	1	
-22	454 064	C	CAPACITOR - (#HLV525) at regulator battery side	1	
-23	14574-00	C	CHANNEL - Radio mounting, LH	1	
-24	14574-01	C	CHANNEL - Radio mounting, RH	1	
-25	14576-00	C	CHANNEL - Radio panel mounting, front	1	
-26	454 657		CIRCUIT PROTECTOR - (2310) 10 Amp	1	
-27	454 889		CLIP - Microphone (Used with Telephonics Mike RS-38A)	1	
-27a	23303-00		HOLDER - Microphone (Used with Telephonics Mike RS-38A)	1	
	23302-00		WASHER - Microphone (Used with Telephonics Mike RS-38A)	1	
-27b	453 415		BRACKET - Microphone (Used with Telex Mike 66C)	1	
-28	460 634	C	FILTER - Magneto (#NF1F-247)	2	
-29	467 062	C	INSULATOR - L.F. antenna at fairing (135-42)	1	
-30	470 645	C	KIT - Compass deviation card and holder (14364)	1	
			A - Used on airplanes with serial numbers 18-1970 to 18-3770 inclusive, 18-3772 to 18-3780 inclusive. B - Used when LTRA-5 is installed. C - Used when LTRA-6 is installed.		

When ordering, always specify Part Number, Description and Serial Number of Aircraft

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
52-31	17955-00	A	LINK - Antenna wire attachment at fin	1	
-32	14602-00	A	PANEL - Switch mounting	1	
-33	14590-00	A	PANEL ASSEMBLY - Radio mounting	1	
-34	14573-00	A	PLATE - Mounting VHF transmitting antenna	1	
-35	14296-00	A	PLATE - Trim, antenna installation on fin	2	
-36	487 790	A	SWITCH - #110-S-73, radio, at instrument panel	2	
-37	15302-02	A	SWITCH ASSEMBLY - Ignition (shielded) used with radio installation	1	
-38	153 026	A	WIRE - Antenna #18 gauge	15'	
-39	454 051	A	CAPACITOR - DD-102 x 3/8" dia.	5	
-40	451 272	A	ANTENNA - Whip, transmitting, (VTP-10)	1	
-41	14580-00	A	ANTENNA - VHF receiving on fin (VRP-37)	1	
-42	454 874	A	CLAMP - #CMC22, capacitor attachment	1	
A - Used when LTRA-6 is installed.					

When ordering, always specify Part Number, Description and Serial Number of Aircraft

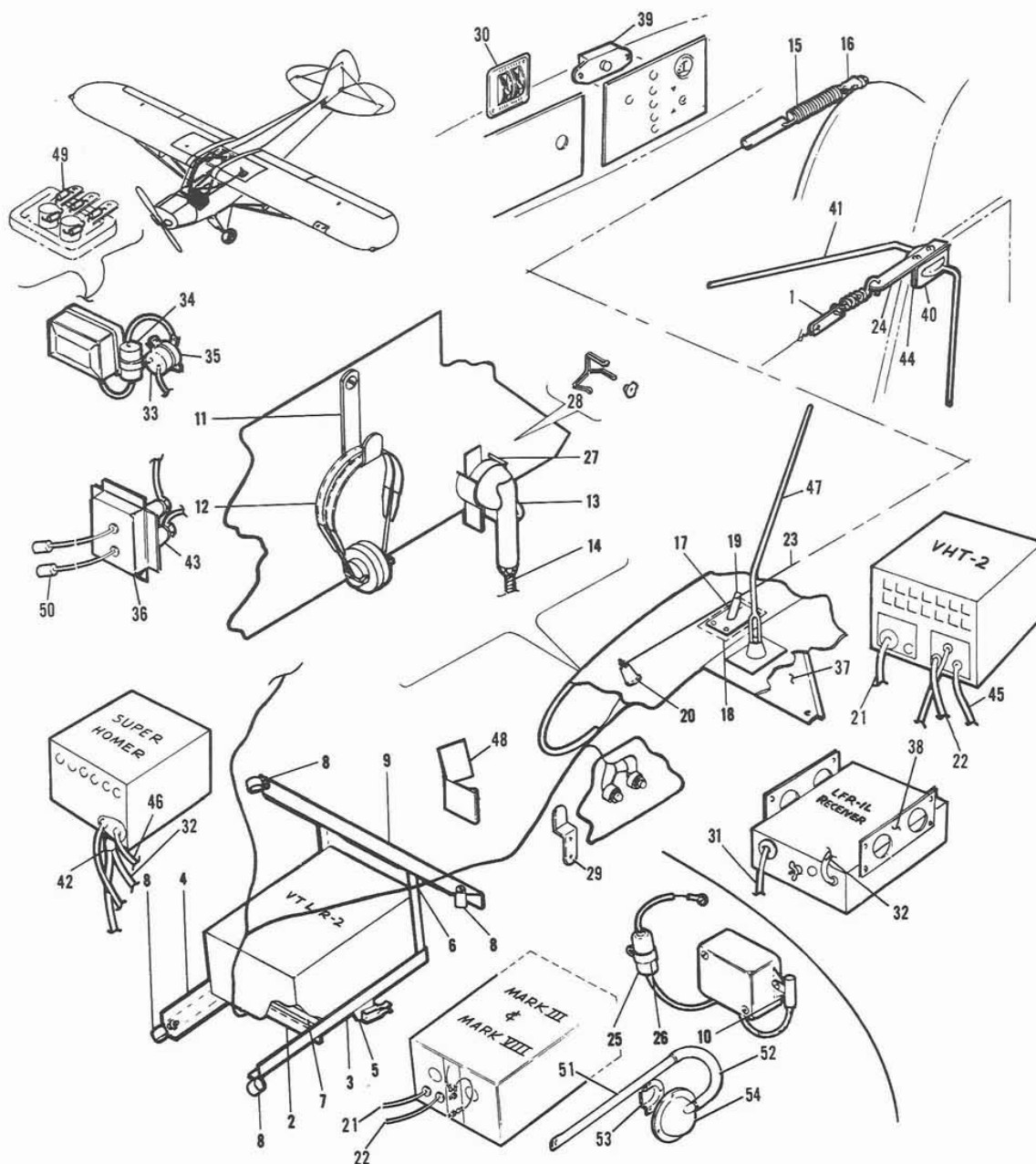


Figure 53. Radio Installation, Narco
(Serial Nos. 18-1970 to 18-8951 inclusive)

SECTION X
Radio Group

RADIO INSTALLATION, NARCO
(Serial Nos. 18-1970 to 18-8951 inclusive)

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
53-	13954	A	DRAWING - Radio Installation		
	14589	C	DRAWING - Radio Installation (Narco) for VTLR-2, L.F. Receiver and Super Homer Radios		
	15295		DRAWING - Radio Installation (Narco Mark III)		18-8355 to 18-8780 inclusive
	15295		DRAWING - Radio Installation (Narco Mark VIII)		18-8781 to 18-8951 inclusive
-1	17955-00	C	LINK - Antenna wire attachment at fin	1	
-2	13949-00	A	ANGLE - Radio mounting	1	
-3	13330-00	A	CHANNEL - Radio mounting, left	1	
	14574-00	C	CHANNEL - Radio mounting, left	1	
	15264-00		CHANNEL - Radio mounting, left	1	18-8355 and up
-4	13330-01	A	CHANNEL - Radio mounting, right	1	
	14574-01	C	CHANNEL - Radio mounting, right	1	
	15264-01		CHANNEL - Radio mounting, right	1	18-8355 and up
-5	13437-00	A	BRACKET - Control lock, attachment	1	
-6	13948-00	A	PANEL - Radio mounting	1	
	14590-00	C	PANEL ASSEMBLY - Radio mounting	1	
	15251-03		PANEL ASSEMBLY - Radio mounting	1	18-8355 and up
-7	85512-09	A	STRIP - Sponge rubber, radio mounting	1	
	85512-06	B	STRIP - Sponge rubber, radio mounting	2	
-8	80032-52		CLAMP - Radio mounting, bracket	4	
-9	12949-02	A	ANGLE - Radio mounting	1	
	14576-00		CHANNEL - Radio mounting	1	18-3771, 18-3781 and up
-10	487 640	A	SUPPRESSOR - 5MFD, 120 working volts	1	
-11	12883-00		HOOK ASSEMBLY - Headphone	1	
-12	464 327		HEADPHONE - (#P-23)	1	
-13	474 647		MICROPHONE - (Telephonics #RS-38A)	1	
	474 649		MICROPHONE - (TEL-66C)	1	
-14	459 864		PHONE EXTENSION - (No. CD-307)	1	
-15	751 124		SPRING AND INSULATOR ASSEMBLY - Antenna	1	
-16	10824-00	A	ANGLE - Antenna attachment, at rudder	1	
-17	13094-00	A	MAST ASSEMBLY - Antenna, front	1	
-18	11473-35	A	PLATE - Antenna mast attachment	1	
-19	467 050	A	INSULATOR - Short (No. AA5)	1	
-20	467 062		INSULATOR - Windshield (No. 135-42)	1	
-21	16933-06	B	CABLE - VHF Receiver (used with Super Homer, Mark III or Mark VIII Radio Installation)	1	
-22	15065-00	B	CABLE - VHF Transmitting (used with VTLR-2 or Super Homer and Mark III or Mark VIII Radio Installation)	1	
-23	153 026		WIRE - Antenna, No. 18 gauge copper	21'	
-24	14572-00	C	BRACKET ASSEMBLY - L.F. Antenna attachment on fin	1	
-25	454 052	A	CAPACITOR - (TVA-1162-500 MFD)	1	
-26	13669-00	A	CLAMP	1	
			A - Used on airplanes with serial numbers 18-1970 to 18-3770 inclusive, 18-3772 to 18-3780 inclusive. B - Used on airplanes with serial numbers 18-3771, 18-3781 and up. C - Used on airplanes with serial numbers 18-3771, 18-3781 to 18-8354 inclusive.		

When ordering, always specify Part Number, Description and Serial Number of Aircraft

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
53-27	454 889		CLIP - Microphone (used with Telephonics Mike RS-38A)	1	
-28	23303-00		HOLDER - Microphone used with Telephonics Mike RS-38A	1	
	23302-00		WASHER - Microphone (used with Telephonics Mike RS-38A)	1	
-29	453 415		BRACKET - Microphone (used with Telex Mike 66C)	1	
-30	15302-02	A	SWITCH ASSEMBLY - Ignition, shielded	1	
-31	451 286	B	CABLE - Power, L.F. receiver (used with L.F. receiver installation) (14566-04)	1	
-32	21784-04	B	CABLE - L.F. Receiver (used with VTLR-2 and L.F. receiver installation) (14563-03)	1	
-33	454 064	B	CAPACITOR - #HLV525 at regulator, battery side	1	
-34	19286-00	A	CAPACITOR ASSEMBLY - At regulator, generator side	1	
-35	454 874	B	CLAMP - #CMC22, capacitor attachment	1	
-36	14311-23	A	BOX ASSEMBLY - Magneto filter	1	
-37	14573-00	A	PLATE - Mounting, VHF transmitting antenna	1	
-38	14575-00	B	PLATE - Reinforcement radio mounting (used to install L.F. Receiver)	2	
-39	454 657		CIRCUIT PROTECTOR - (109-210-102)	2	
-40	14296-00	A	PLATE - Trim, antenna installation on fin (used with Super Homer, Mark III or Mark VIII Radio Installation)	2	
-41	14580-00	A	ANTENNA - V.H.F. Receiving on fin, VRP-37 (used with Super Homer, Mark III or Mark VIII Radio Installation)	1	
-42	451 261	B	DUMMY LOOP - VRP-33 (used with VTLR-2 and L.F. Receiver Installation)	1	
-43	460 634		FILTER - Magneto (#NFI247)	2	
-44	14313-00	A	GROMMET - Trim plate, antenna installation on fin (used with Super Homer, Mark III or Mark VIII Radio Installation)	2	
-45	14585-00	B	HARNESS ASSEMBLY - Audio, VHF-4 to phone jacks (used with Super Homer Installation)	1	
-46	14586-00	B	HARNESS ASSEMBLY - Audio, VTLR-2 to phone jacks (used with VTLR-2 Installation)	1	
-47	451 272	A	ANTENNA - Whip, transmitting (VTP-17)	1	
-48	470 645		KIT - Compass deviation card and holder (14364)	1	
-49	454 051	A	CAPACITOR - (DD-102 x 3/8" dia.)	5	
-50	596 058		FILTER ASSEMBLY - Magneto (#AK006)	1	
-51	15305-00	C	TUBE - Radio cooling	1	
-52	82371-89	C	HOSE - Radio cooling	1	
-53	22482-00	C	SCOOP - Radio cooling	1	
-54	22478-00	C	BOX ASSEMBLY - Radio cooling	1	
			A - Used on airplanes with serial numbers 18-3771, 18-3781 and up.		
			B - Used on airplanes with serial numbers 18-3771, 18-3781 to 18-8354 inclusive.		
			C - Used with Narco Mark VIII Radio Installation only.		

When ordering, always specify Part Number, Description and Serial Number of Aircraft

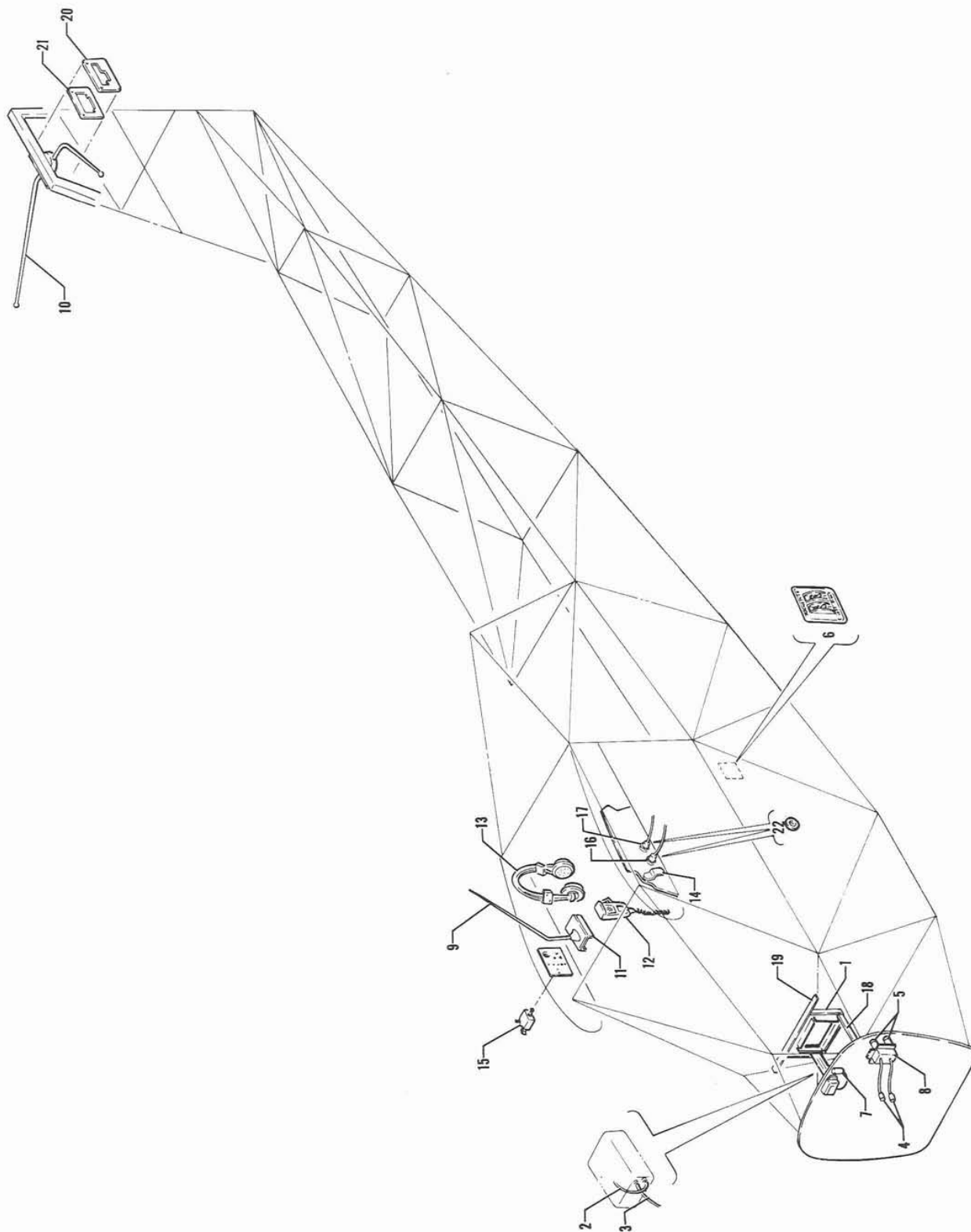


Figure 53A. Radio Installation, Genave
(Serial Nos. 18-8952 and up)

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
53A-	15308		DRAWING - Genave NAV/COMM Installation		
-1	15307-00		PANEL ASSEMBLY - Radio mounting	1	
-2	16933-21		CABLE ASSEMBLY - VHF Receiver	1	
-3	24182-11		CABLE ASSEMBLY - VHF Transmitting	1	
-4	596 058		FILTER ASSEMBLY - Magneto (#AK006)	2	
-5	460 634		FILTER - Magneto (#NF1F247, 1 MFD) 600 V.	2	
-6	15302-02		SWITCH ASSEMBLY - Ignition, shielded	1	
-7	19286-00		CAPACITOR ASSEMBLY - Generator	1	
-8	14311-48		BOX ASSEMBLY - Magneto filter	1	
-9	596 225		ANTENNA - Transmitter, whip (Lambda/100)	1	
-10	14580-00		ANTENNA - VHF Receiver	1	
-11	15309-00		BRACKET - Antenna mounting	1	
-12	474 654		MICROPHONE - (N/C Carbon Tel-66C)	1	
-13	464 327		HEADPHONE - (#P-23, 300 OHM)	1	
-14	453 415		BRACKET ASSEMBLY - Microphone (61506-00)	1	
-15	454 657		CIRCUIT PROTECTOR - (#109-210-102)	1	
-16	468 002		JACK - Mike (#S-12B)	1	
-17	468 006		JACK - Phone (#11)	1	
-18	15264-00		CHANNEL ASSEMBLY - Radio mounting, left	1	
	15264-01		CHANNEL ASSEMBLY - Radio mounting, right	1	
-19	15265-00		ANGLE - Radio panel mounting (13 1/2" long)	1	
	14576-00	A	ANGLE - Radio panel mounting (17 3/4" long)	1	
-20	14296-00		PLATE - Antenna trim	2	
-21	14313-00		GROMMET - Antenna trim plate	2	
-22	494 058		WASHER - Fiber (#2158)	2	
			A - Used with full gyro panel only.		

When ordering, always specify Part Number, Description and Serial Number of Aircraft

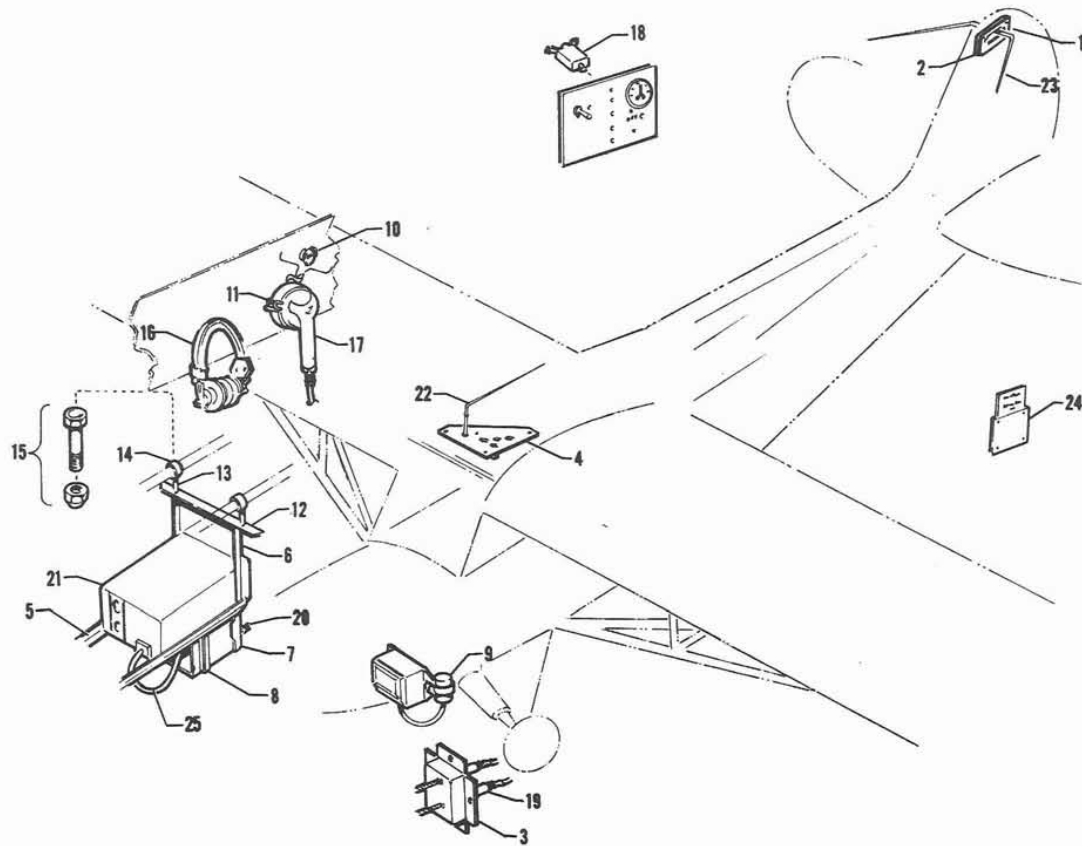


Figure 54. Radio Installation, PTR-1

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
54-	15257		DRAWING - Radio Installation, PTR-1		
-1	14296-00		PLATE - Trim	2	
-2	14313-00		GROMMET - Trim plate	2	
-3	14311-18		BOX ASSEMBLY - Magneto filter	1	
-4	14573-00		PLATE - Antenna mounting	1	
-5	15264-00		CHANNEL ASSEMBLY - Radio mounting, left	1	
	15264-01		CHANNEL ASSEMBLY - Radio mounting, right	1	
-6	15251-00		PANEL ASSEMBLY - Radio mounting	1	
-7	15253-00		PANEL - Omni mounting	1	
-8	15256-00		STRAP ASSEMBLY - Omni support	1	
-9	19286-00		CAPACITOR ASSEMBLY	1	
-10	23302-00		WASHER - Retaining, microphone holder	1	
-11	23303-00		HOLDER - Microphone (used with Telephonics Mike RS-38A)	1	
	453 415		BRACKET - Microphone (used with Telex Mike 66C)	1	
-12	15265-00		ANGLE - Radio panel mounting	1	
-13	14843-02		BUSHING - Angle mounting	2	
-14	80032-52		CLAMP - Angle mounting	2	
-15	400 453		BOLT - (AN3-21A)	2	
	404 887		NUT - (MS20365-1032C)	2	
-16	464 362		HEADPHONE - (#61650-03, 600 ohms)	1	
-17	474 647		MICROPHONE - (Telephonics #RS-38A)	1	
	474 649		MICROPHONE - (TEL-66C)	1	
-18	454 657		CIRCUIT PROTECTOR - (#2310)	1	
-19	460 634		FILTER - Magneto (#NF1F-247)	2	
-20	551 176		CONVERTER - O-1 Omni (#1-940004)	1	
	551 219		CONVERTER - OL-1 Omni (#1-940010)	1	
-21	551 174		RADIO - PTR-1, low band	1	
-22	451 272		ANTENNA - Whip (VTP-17)	1	
-23	14580-00		ANTENNA - (VRP-37)	1	
-24	470 645		KIT - Compass deviation card and holder (14364-00)	1	
-25	551 177	A	CABLE ASSEMBLY - PTR-1 to O-1 (#1-900002)	1	
	551 222	B	CABLE ASSEMBLY - PTR-1 to OL-1 (#1-900009)	1	
			A - Used when O-1 Omni Converter is installed. B - Used when OL-1 Omni Converter is installed.		

When ordering, always specify Part Number, Description and Serial Number of Aircraft

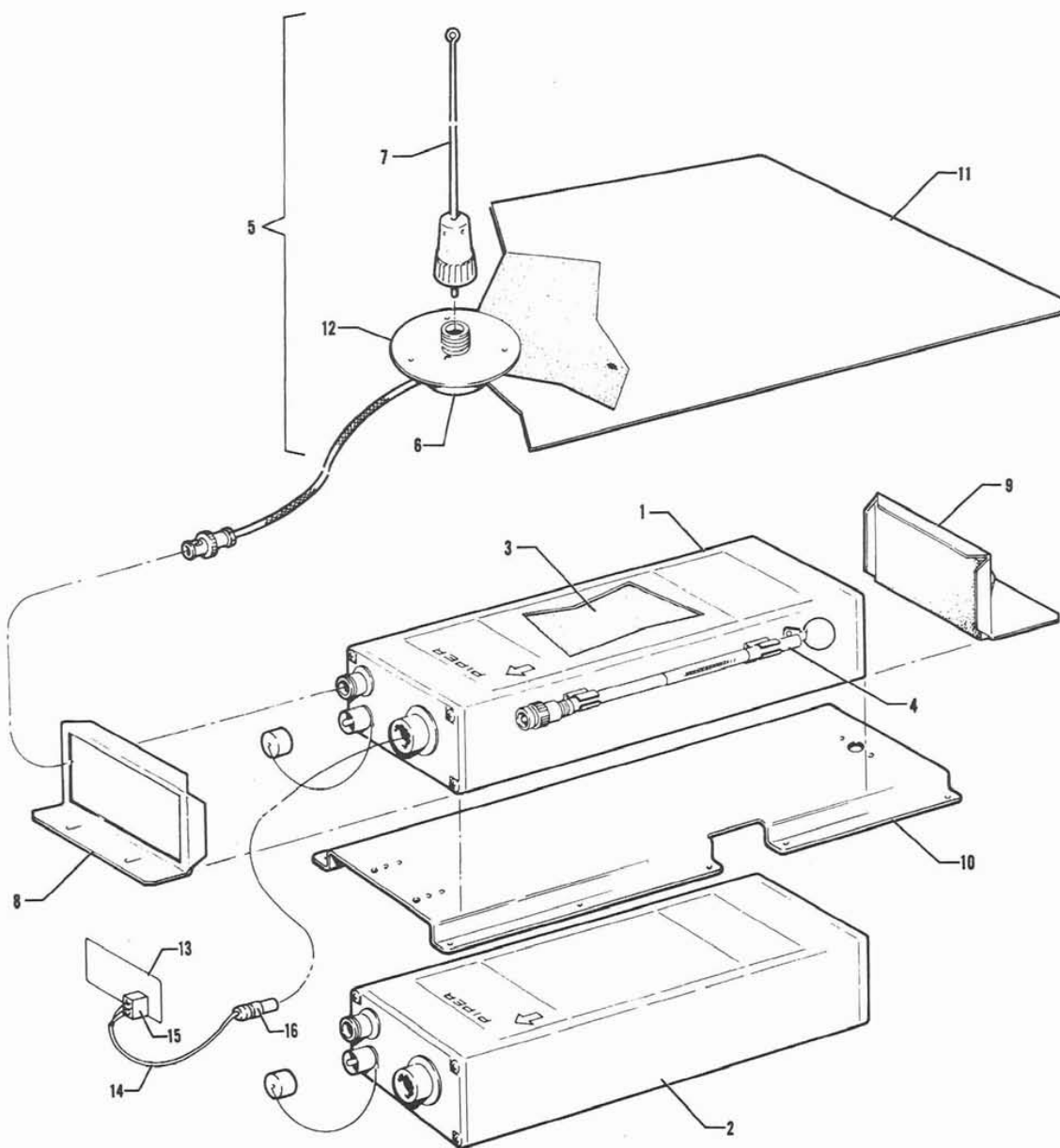


Figure 54A. Piper Automatic Locator (ELT) Installation

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
54A-	15315	A	DRAWING - Piper Automatic Locator (ELT) Installation		
	15319	B	DRAWING - Piper Automatic Locator (ELT) Installation		
-1	756 398		TRANSMITTER ASSEMBLY - Automatic locator (627484-1) (includes battery pack and telescopic antenna)	1	
	761 939		TRANSMITTER ASSEMBLY - Automatic locator (627674-1) (includes battery pack and telescopic antenna)	1	
-2	756 399	A	TRANSMITTER ASSEMBLY - Automatic locator (less battery pack and telescopic antenna)	1	
	761 940	B	TRANSMITTER ASSEMBLY - Automatic locator (less battery pack and telescopic antenna)	1	
-3	758 209	A	BATTERY PACK - Transmitter assembly	1	
	758 281	B	BATTERY PACK - Transmitter assembly	1	
-4	751 316		ANTENNA ASSEMBLY - Telescopic	1	
-5	751 317		ANTENNA ASSEMBLY - Whip (includes cable and base)	1	
-6	751 318		CABLE AND BASE ASSEMBLY - Whip antenna	1	
-7	751 319		ANTENNA ASSEMBLY - Whip (less cable and base)	1	
-8	758 266		BRACKET - Forward transmitter mounting	1	
-9	758 267		BRACKET ASSEMBLY - Aft transmitter mounting (includes lock knob)	1	
-10	53093-00		BRACKET ASSEMBLY - Emergency locator transmitter	1	18-665 and up
-11	15314-00		PLATE - Antenna ground field	1	18-665 and up
-12	15313-00		DISC - Antenna mounting	1	18-665 and up
-13	33543-00	B	PLACARD - Warning (ELT)	1	
-14	33506-07	B	HARNESSE ASSEMBLY - (Includes ELT switch)	1	
-15	587 951	B	SWITCH - ELT (7103-K)	1	
-16	555 731	B	CONNECTOR - (612129-3)	1	
A - Used with Transmitter Assembly part number 756 398 (Model 627484-1). B - Used with Transmitter Assembly part number 761 939 (Model 627674-1).					

When ordering, always specify Part Number, Description and Serial Number of Aircraft

SECTION XI
Miscellaneous Group

OPTIONAL EQUIPMENT KITS

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
752 263		A	AUXILIARY FUEL TANK INSTALLATION - "125"		(PA-18 only) 18-1 to 18-3013
752 179			AUXILIARY FUEL TANK INSTALLATION - "95"		(PA-18 only) 18-3014 and up
754 039			AUXILIARY FUEL TANK INSTALLATION - "95"		(PA-18 only) 18-1 to 18-1969
752 181			AUXILIARY FUEL TANK INSTALLATION - "105" & "125"		18-3771 to 18-6964 inclusive
754 223			CARBURETOR AIR FILTER - "150"		
752 246			CARGO COMPARTMENT INSTALLATION - (Used on airplanes with single control)		(PA-18A only) 18-1215 and up
754 014			COLD AIR VENT - (Top fuselage cowl) "105", "125", "135" and "150"		
752 293			COMBINATION UNIT - Sprayer (gear pump) duster and tank		(PA-18A only) 18-1215 to 18-3013
754 005			COMBINATION UNIT - 1" Pump (high density) sprayer, duster and tank		(PA-18A only) 18-1215 to 18-3770, 18-3772 to 18-3785 inclusive
754 006			COMBINATION UNIT - 3/4" Pump sprayer, duster and tank		(PA-18A only) 18-1215 to 18-3013
754 022		B	COMBINATION UNIT - Sprayer (low density) duster and tank		
754 067			COMBINATION UNIT - Sprayer (hi-density) duster and tank		(PA-18A only) 18-3771, 18-3786 to 18-5294 inclusive
754 064			COMBINATION UNIT - Sprayer (low density) duster and tank		(PA-18A only) 18-3771, 18-3786 to 18-5294 inclusive
754 153			COMBINATION UNIT - Sprayer 1" pump (low density) duster and tank		(PA-18A only) 18-5295 and up
754 154			COMBINATION UNIT - Sprayer 1" pump (hi-density) duster and tank		(PA-18A only) 18-5295 and up
752 278			CONTROL STICK LOCK - (When radio installed)		
752 279			CONTROL STICK LOCK - (When radio not installed)		
754 032		C	DUMP VALVE INSTALLATION		(PA-18A only) 18-1215 and up
752 282		D	DUSTER EQUIPMENT INSTALLATION - (With tank)		
752 295			DUSTER CONVERSION INSTALLATION - (Gear pump sprayer to duster)		(PA-18A only) 18-1215 to 18-3013
754 010		D	DUSTER CONVERSION INSTALLATION - (1" pump sprayer (hi-density) to duster)		
754 011			DUSTER CONVERSION INSTALLATION - (3/4" pump sprayer to duster)		(PA-18A only) 18-1215 to 18-3013
754 040			DUSTER VENTURI CONVERSION - (For airplanes presently equipped with old type venturi)		(PA-18A only) 18-3014 and up
754 147			DUSTER EQUIPMENT INSTALLATION - With tank		(PA-18A only) 18-5295 and up
754 148			DUSTER CONVERSION INSTALLATION - 1" pump sprayer to duster		(PA-18A only) 18-5295 and up
			A - Used on PA-18A airplanes with serial numbers 18-1215 to 18-1969 inclusive. B - Used on PA-18A airplanes with serial numbers 18-3014 to 18-3770 inclusive, 18-3772 to 18-3785 inclusive. C - For use on airplanes where bottom hopper plates are attached with rods. D - Used on PA-18A airplanes with serial numbers 18-1215 to 18-5294 inclusive.		

When ordering, always specify Part Number, Description and Serial Number of Aircraft

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
752 190			ELECTRICAL EQUIPMENT - Power supply "95"		18-1 to 18-664 inclusive
752 219			ELECTRICAL EQUIPMENT - Power supply "95"		18-665 to 18-1214 inclusive
752 189			ELECTRICAL EQUIPMENT - Power supply, "105" and "125"		18-1 to 18-664 inclusive
752 217			ELECTRICAL EQUIPMENT - Power supply "125"		18-665 to 18-1214 inclusive
752 239			ELECTRICAL EQUIPMENT - Power supply "125" and "135" (sealed battery box)		(PA-18 only) 18-1215 to 18-3013
752 238		A	ELECTRICAL EQUIPMENT - Power supply		
754 028			ELECTRICAL EQUIPMENT - Power supply, "135" and "150"		(PA-18 only) 18-3014 and up
754 029			ELECTRICAL EQUIPMENT - Power supply, "135" and "150"		(PA-18A only) 18-3014 and up
754 030			ELECTRICAL EQUIPMENT - Power supply, "95" (sealed battery box)		(PA-18 only) 18-1215 to 18-3013
754 031			ELECTRICAL EQUIPMENT - Power supply, "95"		(PA-18 only) 18-3014 and up
754 002		A	HANDLE AND CATCH INSTALLATION - Hopper door		
752 294			HOPPER INSTALLATION - (Tank only)		(PA-18A only) 18-1215 and up
754 033			HOPPER INDICATOR INSTALLATION - (Duster) (For airplanes when screw type stop lever is installed)		(PA-18A only) 18-3014 and up
752 298			INSTRUMENT INSTALLATION - (Directional gyro only) (Venturi system)		(PA-18 only) 18-1 to 18-468
752 299			INSTRUMENT INSTALLATION - (Primary group) (Venturi system)		(PA-18 only) 18-1 to 18-468
752 196			LANDING GEAR AND TAIL WHEEL - Nut and bolt		
752 176		B	LANDING LIGHT - "105", "125" and "135"		18-1 to 18-3770 inclusive, 18-3772 to 18-3780 inclusive
754 053		C	LANDING LIGHT INSTALLATION - "135" and "150"		
752 215			LITTER INSTALLATION		(PA-18 only) 18-1 and up
752 193			NAVIGATION LIGHT AND COCKPIT SPOTLIGHT		
752 206			NUTS AND BOLTS - Wing and lift strut installation		
752 241		D	OIL RADIATOR INSTALLATION - "135"		
752 200			PARKING BRAKE INSTALLATION		
754 000		E	PUMP INSTALLATION - 1" Centrifugal (high density)		
754 001		E	PUMP INSTALLATION - 3/4" Centrifugal		
752 283			RADIO INSTALLATION - (NARCO VTLR-2)		
752 233		F	REAR SEAT AND DUAL CONTROL INSTALLATION "125"		
752 250			REAR SEAT AND DUAL CONTROL INSTALLATION "125" and "150"		(PA-18A only)
752 249			REAR SEAT INSTALLATION - (Less controls)		(PA-18A only)
750 454			RIB REPAIR		
A - Used on PA-18A airplanes with serial numbers 18-1215 to 18-3013 inclusive. B - Used on PA-18, Model "95" airplanes with serial numbers 18-1 and up. C - Used on airplanes with serial numbers 18-3771, 18-3781 and up. D - This kit is used for installing large 12 plate oil radiator in PA-18 and PA-18A Model "125" airplanes. E - These are conversion kits for use on aircraft equipped with gear pump. F - Used on PA-18A airplanes with serial numbers 18-1215 to 18-1969 inclusive.					

When ordering, always specify Part Number, Description and Serial Number of Aircraft

SECTION XI
Miscellaneous Group

OPTIONAL EQUIPMENT KITS

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
	752 192		SAFE FLIGHT INDICATOR - (When electrical equipment is installed)		
	752 191		SAFE FLIGHT INDICATOR - (When electrical equipment is not installed)		
	750 738		SPAR SPLICE - Front (wing)		
	750 737		SPAR SPLICE - Rear (wing)		
	754 072		SPECIAL CARBURETOR AIR BOX INSTALLATION - "135"		(PA-18A only) 18-3014 to 18-3785
	754 073		SPECIAL CARBURETOR AIR BOX INSTALLATION - "135"		(PA-18A only) 18-1 to 18-3013
	754 071		SPECIAL CARBURETOR AIR BOX INSTALLATION - "150"		(PA-18A only) 18-3786 and up
	752 296		SPRAYER CONVERSION INSTALLATION - (Duster to gear pump sprayer)		(PA-18A only) 18-1215 to 18-3013
	754 012		SPRAYER CONVERSION INSTALLATION - (Duster to 1" pump (hi-density) sprayer)		(PA-18A only) 18-1215 to 18-3770, 18-3772 to 18-3785 inclusive
	754 013		SPRAYER CONVERSION INSTALLATION - (Duster to 3/4" pump sprayer)		(PA-18A only) 18-1215 to 18-3013
	754 023	B	SPRAYER CONVERSION INSTALLATION - (Duster to 1" pump) (low density) sprayer		
	754 024		SPRAYER CONVERSION INSTALLATION - Low density to hi-density		(PA-18A only) 18-3014 and up
	754 065		SPRAYER CONVERSION INSTALLATION - Duster to sprayer (Hi-density)		(PA-18A only) 18-3771 and 18-3786 to 18-5294 inclusive
	754 066		SPRAYER CONVERSION INSTALLATION - Duster to sprayer (Low density)		(PA-18A only) 18-3771 and 18-3786 to 18-5294 inclusive
	754 151		SPRAYER CONVERSION INSTALLATION - Duster to 1" pump (Hi-Density) sprayer		(PA-18A only) 18-5295 and up
	754 152		SPRAYER CONVERSION INSTALLATION - Duster to 1" pump (Low Density) sprayer		(PA-18A only) 18-5295 and up
	752 281		SPRAYER EQUIPMENT INSTALLATION - Gear pump with tank		(PA-18A only) 18-1215 to 18-3013
	754 008		SPRAYER EQUIPMENT INSTALLATION - 1" pump (high density) with tank		(PA-18A only) 18-1215 to 18-3770 18-3772 to 18-3785 inclusive
	754 009		SPRAYER EQUIPMENT INSTALLATION - 3/4" pump with tank		(PA-18A only) 18-1215 to 18-3013
	754 021	B	SPRAYER EQUIPMENT INSTALLATION - 1" pump (low density) with tank		
	754 063	A	SPRAYER EQUIPMENT INSTALLATION - (Hi-density) with tank		
	754 084	A	SPRAYER EQUIPMENT INSTALLATION - (Low density) with tank		
	754 149		SPRAYER EQUIPMENT INSTALLATION - (Hi-density) (1" pump) with tank		(PA-18A only) 18-5295 and up
	754 150		SPRAYER EQUIPMENT INSTALLATION - (Low density) (1" pump) with tank		(PA-18A only) 18-5295 and up
			A - Used on PA-18A airplanes with serial numbers 18-3771, 18-3786 to 18-5294 inclusive. B - Used on PA-18A airplanes with serial numbers 18-3014 to 18-3770 inclusive, 18-3772 to 18-3785 inclusive.		

When ordering, always specify Part Number, Description and Serial Number of Aircraft

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
	752 277		TANDEM WHEEL INSTALLATION		
	752 274		TAIL WHEEL INSTALLATION - (8" Scott No. 3200 tail wheel)		
	754 018		VACUUM PUMP INSTALLATION - (Old accessory case) "135"		18-2684 to 18-3460 inclusive
	754 060		VACUUM PUMP INSTALLATION - (New accessory case) "135" and "150"		18-3461 to 18-8019 inclusive
	754 351		OIL FILTER INSTALLATION KIT - PA-18A-150, PA-18-150		
	754 350		OIL FILTER INSTALLATION KIT - PA-18A-125		
	754 349		OIL FILTER INSTALLATION KIT - PA-18-95		
	550 759		PIPER MIXTURE CONTROL INDICATOR KIT		
	474 656		MICROPHONE - (Shure CM-16TF)		
	760 590		PIPER EMERGENCY LOCATOR - Personnel Type		
	596 333		PIPER AUTOMATIC LOCATOR - Portable Type		
	760 593		PIPER AUTOMATIC LOCATOR INSTALLATION - Fixed Type (Less Emergency Locator Transmitter Kit Part No. 596 333)		18-665 and up

When ordering, always specify Part Number, Description and Serial Number of Aircraft

NUMERICAL INDEX

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10016-17	2-26	10221-00	5-39	10537-02	24-16	10668-00	9-17
10016-20	2-25	10246-00	31-1	10545-00	8-54	10676-03	2-41
10016-21	2-25	10247-00	31-2	10552-00	7-10	10703-00	4-38
10032-05	24-34	10280-00	4-45	10552-01	7-10	10703-03	4-28
10032-06	24-34	10291-00	4-32	10554-00	13-20	10703-04	4-27
10032-07	24-34	10291-00	6-11	10555-02	23-1	10705-00	5-12
10032-08	24-34	10292-00	8-29	10556-02	23-16	10706-00	5-23
10033-05	24-35	10293-00	8-30	10565-00	10-29	10707-00	5-28
10033-06	24-35	10300-02	10-65	10566-00	24-38	10709-00	5-36
10034-00	24-37	10400-06	33-32	10566-05	24-38	10711-00	5-17
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10058-00	10-54	10415-02	34-25	10624-02	2-7	10729-00	35-48
10061-00	10-46	10415-03	34-26	10624-03	2-7	10729-03	35-47
10080-00	47-7	10438-00	36-9	10624-05	2-7	10734-00	28-25
10096-03	7-17	10438-00	36-19	10624-06	2-7	10734-01	28-25
10098-03	7-13	10438-02	38-9	10625-03	6-1	10737-02	12-4
10112-07	5-34	10443-00	36-25	10625-04	6-1	10742-02	5-65
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10143-20	35-28	10466-33	29-16	10631-01	4-3	10780-00	13-5
10143-52	35-14	10474-00	4-46	10633-00	6-12	10789-02	8-15
10143-61	35-27	10487-00	34-20	10633-05	6-12	10789-03	8-15
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10161-05	5-25	10525-14	34A-8	10635-02	5-58	10799-02	12-3
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10171-04	5-11	10525-17	30-17	10644-00	5-49	10802-05	33-11
10171-04	5-14	10525-18	29-20	10648-03	4-16	10804-00	2-39
10171-05	5-38	10525-18	29-22	10649-03	4-18	10808-02	33-5
10175-00	34-11	10525-19	29-91	10650-02	4-17	10808-03	33-5
10201-00	5-16	10525-22	34A-9	10653-00	6-4	10809-08	33-8
10201-00	5-21	10525-32	29-18	10653-02	5-59	10809-10	33-8
10201-00	5-27	10525-51	34-32	10653-05	5-59	10810-07	33-2
10201-00	5-30	10525-51	40B-11	10653-06	6-4	10810-08	33-1
10201-00	5-40	10531-00	5-51	10654-02	7-5	10810-15	33-2
10221-00	5-15	10531-01	5-51	10656-00	7-6	10810-16	33-1
10221-00	5-20	10531-04	5-51	10657-05	2-23	10810-25	33-2
10221-00	5-26	10531-05	5-51	10666-03	13-7	10810-25	33-1

Part Number	Fig. and Index	Part Number	Fig. and Index	Part Number	Fig. and Index	Part Number	Fig. and Index
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10810-30	33-1	10936-00	47-5	11473-35	51-13	11987-37	35-2
10814-04	33-16	10940-00	45-5	11473-35	53-18	11987-39	35-1
10814-05	33-18	10940-02	48-23	11473-41	21-6	11987-43	15-9
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10815-05	33-20	10984-00	8-28	11491-00	34-9	11987-47	21-20
10815-06	33-29	11008-00	48-12	11523-00	2-3	11987-49	21-2
10815-07	33-23	11015-00	14-3	11546-02	10-67	11987-55	35-69
10816-00	32-30	11015-00	15-24	11580-00	5-48	11987-57	19-34
10816-00	33-22	11015-00	16-11	11648-02	8-49a	11987-57	35-70
10816-00	33-25	11015-00	16A-2	11648-02	8-51a	11987-61	35-72
10816-00	33-28	11034-00	2-24	11670-02	5-2	11994-22	8-71
10816-00	33-31	11061-00	5-50	11670-03	5-2	12021-00	37-23
10817-02	30-54	11122-02	38-6	11670-04	5-2	12021-02	12-14
10817-03	30-54	11134-00	36-4	11670-05	5-2	12028-00	4-30
10818-00	10-22	11134-04	36-4	11672-00	4-24	12036-02	9-20
10824-00	49-21	11134-05	36-2	11675-02	4-25	12036-03	9-19
10824-00	50-16	11134-07	36-2	11675-03	4-26	12044-08	36-13
10824-00	51-20	11134-07	38-1	11677-00	4-21	12045-00	36-11
10824-00	53-16	11134-08	38-5	11678-00	4-31	12079-00	11-24
10830-00	34-4	11151-02	5-73	11682-00	2-14	12105-00	47-8
10830-05	34-1	11199-00	14-5	11692-00	10-28	12156-00	37-11
10832-00	34-2	11199-08	14-5	11692-02	10-15	12176-00	49-16
10834-00	2-46	11199-08	16A-3	11692-02	10-42	12176-00	50-7
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10836-02	29-8	11207-03	10-49	11694-02	45-3	12177-17	36-43
10836-02	34A-12	11253-00	2-58	11694-03	45-4	12177-17	38-3
10837-00	2-40	11278-00	34-14	11694-04	45-3	12177-22	37-21
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10845-00	30-14	11279-02	34-13	11699-06	11-30	12177-28	36-29
10846-00	30-14	11279-03	34-12	11700-00	11-31	12177-29	36-1
10847-00	2-44	11279-04	34-13	11718-00	36-7	12177-32	36-16
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10865-00	44-1	11299-06	35-17	11821-00	10-25	12177-68	37-13
10865-05	44-1	11300-00	35-5	11821-01	10-25	12177-69	37-14
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10921-00	4-39	11420-03	11-42	11987-05	35-15	12180-00	10-48
10921-02	4-29	11420-03	11-48	11987-09	35-26	12184-02	10-30
10921-02	4-39	11432-09	8-52	11987-13	35-2	12184-03	10-30
10922-00	34-19	11432-10	8-50	11987-15	16-7	12193-08	8-47
10923-00	34-18	11432-11	8-48	11987-15	35-13	12193-09	8-46
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10933-01	8-21	11473-35	49-17	11987-25	2-49	12202-00	10-62

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12205-03	10-61	12286-00	11-15	12357-00	32-12	12448-00	8-44
12205-04	10-60	12286-00	11-45	12357-03	32-12	12448-03	8-44
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12232-00	30-18	12289-33	11-22	12367-00	34-7	12525-00	40-4
12233-00	30-19	12289-37	11-22	12367-06	34-7	12527-00	40-11
12241-00	42-10	12290-00	11-13	12368-00	34-8	12527-03	40-11
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12252-03	5-6	12294-12	11-18	12381-00	8-6	12533-03	40-2
12252-03	6-8	12294-16	11-18	12381-02	8-6	12533-05	40-1
12252-04	5-56	12294-24	11-18	12381-03	8-6	12539-00	29-27
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