

PA-18 / 18A

Super Cub

Illustrated Parts Catalog

**THIS MANUAL IS A DIRECT COPY OF THE ORIGINAL MANUAL.
WE ASSUME NO RESPONSIBILITY FOR THE CONTENTS**

INTRODUCTION

This Illustrated Parts Catalog is designed to provide simple but positive identification of replacement parts for the Piper Super Cub (PA-18) Models 95, 105, 125, 135 and 150; and the Piper Agricultural (PA-18A) Models 125, 135 and 150 manufactured by the Piper Aircraft Corporation of Lock Haven, Pennsylvania.

NOTE: UNDER NO CIRCUMSTANCES SHALL THIS CATALOG BE USED FOR RIGGING AND INSTALLATION PURPOSES.

It is suggested that this catalog be thoroughly studied to determine its arrangement prior to its utilization.

1. The catalog is divided into eleven (11) major sections described as follows:
 - a. Sections I to X inclusive contain all replacement parts for the complete airplane. Each section is subdivided and each division includes an illustration and a parts listing.
 - b. Section XI is the Miscellaneous Group. This group includes a listing of the Optional Equipment Kits.
2. The following is a brief explanation of the columns in the parts listing:
 - a. The "FIGURE AND INDEX" column indicates the illustration figure number and its parts index number. Example: (2-1), the 2 is the figure number and the 1 is the index number. The figure number appears only at the top of each parts listing page or at the beginning of each new parts listing.
 - b. The "PART NUMBER" column contains the identifying number of the replacement part and this number must be shown on all Parts Orders.
 - c. The "CODE" column is for the purpose of indicating special uses of the part. An explanation of the letter code used is shown below each listing.
 - d. The "NOMENCLATURE" column indicates the part name. This name must be shown on all Parts Orders.
 - e. The "NO. REQ." (Number Required) column represents the total quantity of parts used per aircraft per figure when the part is not indented and the quantity of parts used per assembly when the part is indented. The symbol "AR" listed in this column means "As Required".
 - f. The "SERIAL NUMBERS AFFECTED" column indicates the part application by airplane serial number.

Indentation Example: Indentations of listings in the "Nomenclature column" indicate "assemblies" and "components" or "parts", in order of their indentations.

EXAMPLE

Code	NOMENCLATURE	No. Req.
	DOOR ASSEMBLY - Baggage compartment	1
	FRAME ASSEMBLY - Baggage compartment door	1
	HINGE ASSEMBLY - Baggage door	1
	CLIP - Baggage door spring	1

This listing is interpreted as follows:

If the DOOR ASSEMBLY (not indented) is ordered, it will include the three items listed under that item.

If the FRAME ASSEMBLY (indented one space) is ordered, it will include the two items listed under the subassembly.

If you want only a HINGE ASSEMBLY or CLIP, you order only that item.

3. The "ATTACHING PARTS" such as nuts, bolts, screws, etc., that are available as commercial hardware items, are not generally supplied by the Piper Aircraft Corporation. The catalog lists, for your convenience, those attaching parts required for main assemblies and installation. The identifying number for these parts appears after the part name.
4. All items of Optional Equipment are contained in the parts list in their proper sequence and sections. These items were not marked optional, since they are fully identified by their descriptions.

HOW TO IDENTIFY A PART
IF YOU KNOW WHAT IT LOOKS LIKE
AND KNOW WHERE IT IS LOCATED

- (1) Refer to Figure 1 on page x to determine the Section Number in which the part is located.
- (2) Refer to the Table of Contents on page viii and locate the section. Note the figure numbers that illustrate the various subgroups of this main section.
 - (a) Select the Figure Title you think might contain the part you wish to identify and turn to the page specified.
- (3) Find the part on the illustration and note the index number.

NOTE: If you don't find the part on this illustration, try another figure in this group.
- (4) Refer to the "Figure and Index Number" in the Parts Listing for complete description of the part.

HOW TO ORDER PARTS

In ordering parts for your Piper Airplanes, observe the following instructions which will aid in your getting the right parts required without delay:

- a. Place your order with the distributor or dealer for your territory, since parts are available only through our distributor organization.
- b. Always specify the model and serial number of your airplane.
- c. Always specify Part Number, Name, Type and Quantity Required.
- d. Specify the method of shipment - freight, express, parcel post, air express, air freight or air parcel post. Where the nature of the shipment requires it or when no instructions are given, we reserve the right to ship the most suitable way.

GENERAL INFORMATION

- a. Shortages
All orders are checked and rechecked before leaving our Shipping Department. A packing slip is enclosed with the shipment and claims for errors or shortages must be made within three days after receipt of orders.

- b. Returned Goods
No material should be returned to us without first securing our written permission. Material sent in without notice will be held at the owner's risk for thirty (30) days and will then be disposed of as we see fit.

Transportation charges must be PREPAID on returned goods or the shipment will be refused.

- c. Transportation Liabilities
The Piper Aircraft Corporation cannot be held liable for damages to parts in transit from the factory. If a shipment is received in a damaged condition, have the delivery man or Transportation Company make a notation of the damage and file your claim with the Carrier. In case of concealed damage, do not attempt to remove the part from the shipping container, or endeavor to repair the damage, but call the Carrier and have his Claim Agent inspect the damage before filing your claim with the Carrier.

PA-18 AND PA-18A SERIAL NUMBER INFORMATION

The following information should be kept in mind when ordering from this catalog:

a. The serial numbers of the aircraft covered by this Parts Catalog are as follows:

- (1) Serial numbers of the 1950 PA-18 Models 95 and 105 are 18-1 to 18-548 inclusive.
- (2) Serial numbers of the 1951 PA-18 Models 95 and 125 are 18-549 to 18-1214 inclusive.
- (3) Serial numbers of the 1952 PA-18 Models 95, 125 and 135 are 18-1215 to 18-1969 inclusive.
- (4) Serial numbers of the 1953 PA-18 Model 135 are 18-1970 to 18-3013 inclusive.
- (5) Serial numbers of the 1952 PA-18A Models 125 and 135 are 18-1262 to 18-2146 inclusive.
- (6) Serial numbers of the 1953 PA-18A Model 135 are 18-2147 to 18-3013 inclusive.
- (7) Serial numbers of the 1954 PA-18 Models 95 and 135 are 18-3014 to 18-3770 inclusive, and 18-3722 to 18-3780 inclusive.
- (8) Serial numbers of the 1954 PA-18A Model 135 are 18-3020 to 18-3780 inclusive.
- (9) Serial numbers of the 1955 PA-18 Models 95, 135 and 150 are 18-3771, 18-3781 to 18-4617 inclusive.
- (10) Serial numbers of the 1955 PA-18A Models 135 and 150 are 18-3781 to 18-4617 inclusive.
- (11) Serial numbers of the 1956 PA-18 Models 95 and 150 are 18-4618 to 18-5294 inclusive.
- (12) Serial numbers of the 1956 PA-18A Model 150 are 18-4619 to 18-5294 inclusive.
- (13) Serial numbers of the 1957 PA-18 Models 95 and 150 and PA-18A Model 150 are 18-5295 to 18-5803 inclusive and 18-5805 to 18-6115 inclusive.
- (14) Serial numbers of the 1958 PA-18 Models 95 and 150 and PA-18A Model 150 are 18-5804 and 18-6116 to 18-6684 inclusive.
- (15) Serial numbers of the 1959 PA-18 Models 95 and 150 and PA-18A Model 150 are 18-6685 to 18-7172 inclusive.
- (16) Serial numbers of the 1960 PA-18 Models 95 and 150 and PA-18A Model 150 are 18-7173 to 18-7520 inclusive.
- (17) Serial numbers of the 1961 PA-18 Model 95 are 18-7521 to 18-7632 inclusive.
- (18) Serial numbers of the 1961 PA-18 Model 150 are 18-7521 to 18-7746 inclusive.
- (19) Serial numbers of the 1962 PA-18 Model 150 are 18-7747 to 18-7871 inclusive.
- (20) Serial numbers of the 1963 PA-18 Model 150 are 18-7872 to 18-8045 inclusive.
- (21) Serial numbers of the 1964 PA-18 Model 150 are 18-8046 to 18-8199 inclusive.
- (22) Serial numbers of the 1965 PA-18 Model 150 are 18-8200 to 18-8338 inclusive.
- (23) Serial numbers of the 1966 PA-18 Model 150 are 18-8339 to 18-8464 inclusive.
- (24) Serial numbers of the 1967 PA-18 Model 150 are 18-8465 to 18-8601 inclusive.
- (25) Serial numbers of the 1968 PA-18 Model 150 are 18-8602 to 18-8743 inclusive.
- (26) Serial numbers of the 1969 PA-18 Model 150 are 18-8744 to 18-8851 inclusive.
- (27) Serial numbers of the 1970 PA-18 Model 150 are 18-8852 to 18-8919 inclusive.
- (28) Serial numbers of the 1971 PA-18 Model 150 are 18-8920 to 18-8963 inclusive.
- (29) Serial numbers of the 1972 PA-18 Model 150 are 18-8964 to 18-9002 inclusive.
- (30) Serial numbers of the 1973 PA-18 Model 150 are 18-7309016 to 18-7309025 inclusive.
- (31) Serial numbers of the 1974 PA-18 Model 150 are 18-7409026 to 18-7409151 inclusive.
- (32) Serial numbers of the 1975 PA-18 Model 150 are 18-7509001 to 18-7509142 inclusive.
- (33) Serial numbers of the 1976 PA-18 Model 150 are 18-7609001 and up.

b. The fuel tank installed in the right wing panel is Optional Equipment on the PA-18 Models 95, 105 and 125 and on the PA-18A Model 125 and Standard Equipment on the PA-18 and PA-18A Models 135 and 150. The parts required for this installation are listed in their individual sections and, wherever the part is the same as used for the fuel tank installation in the left wing panel and in the same location, the following note appears directly under the Nomenclature of the part: (xx per ship when fuel tank installed in right wing). Whenever the part is used only when the fuel tank is installed in the right wing panel, (A) precedes the name (Nomenclature) of the part.

c. SPECIAL NOTE: PA-18 aircraft serial numbers 18-2520, 18-2521, 18-2522, 18-2523 and 18-2524 were equipped with special flap handle installation, toe brakes and special seats in accordance with Drawing Number SK-449. When ordering replacement parts for these airplanes, it is suggested this drawing be secured from Piper for positive parts identification.

STANDARD PAINT CHART

	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964 thru 1973	MFG. NO.	PIPER PART NUMBER		
																QUART	GALLON		
DOPE - NITRATE																			
Lock Haven Yellow	X															M-9521-N	750 121	750 122	
Tucson Cream	X															X-5260-N	751 207	751 181	
Miami Blue	X															X-5700-N	751 211	751 182	
Sacramento Green	X															X-5270-N	751 212	751 183	
Boston Maroon	X															X-5680-N	751 208	751 184	
Hickory Brown	X															Y-9775-N	751 210	751 198	
DOPE - BUTYRATE																			
Lock Haven Yellow	X				X	X	X	X								M-9521-B	751 587	751 588	
Tucson Cream	X	X	X	X												X-5260-B	751 589	751 590	
Miami Blue	X	X	X	X	X	X	X	X								X-5700-B	751 603	751 604	
Sacramento Green	X	X	X	X	X	X	X	X								X-5270-B	751 597	751 598	
Boston Maroon	X	X	X	X	X	X	X	X								X-5680-B	751 605	751 606	
Hickory Brown	X	X	X	X	X	X	X	X								Y-9775-B	751 651	751 652	
Tennessee Red	X															M-9522-B	751 599	751 600	
Polar Gray	X	X	X													Y-6100-B	751 595	751 596	
Tennessee Red "52"		X	X	X	X	X	X	X								M-9522-B	751 641	751 642	
Forest Green		X	X	X	X	X	X	X								Y-6350-B	751 607	751 608	
Lemon Yellow		X														M-9512-B	751 635	751 636	
Cream Yellow		X														Y-7551-B	751 643	751 644	
Sportsman Beige				X												X-5710-B	751 591	751 592	
Tampico Green					X	X	X	X								XZ-2160-B	751 649	751 650	
Sun Valley Ivory						X	X	X								Z-7245-B	751 647	751 648	
Daytona White							X	X	X	X	X	X	X	X		J-9545-B	751 660	751 661	
Cadillac Red							X	X								J-9555-B	751 664	751 665	
Santa Fe Red									X	X	X					H-9150-B	754 500	754 501	
Pontiac Red												X	X	X		W-3665-B	754 512	754 513	
Juncau White																B-4243-B	754 532	754 533	

STANDARD PAINT CHART

	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964 thru 1973	MFG. NO.	PIPER PART NUMBER QUART	GALLON
ENAMEL																		
Lock Haven Yellow		X	X		X	X	X	X								M-9521-E	751 617	751 618
Tennessee Red		X														M-9522-E	751 621	751 622
Tucson Cream		X	X	X	X											X-5260-E	751 609	751 610
Miami Blue		X	X	X	X	X	X	X								X-5700-E	751 611	751 612
Sacramento Green		X	X	X	X	X	X	X								X-5270-E	751 619	751 620
Boston Maroon		X	X	X	X	X	X	X								X-5680-E	751 625	751 626
Hickory Brown		X	X	X	X	X	X	X								Y-9775-E	751 687	751 688
Forest Green		X	X	X	X	X	X	X								Y-6350-E	751 627	751 628
Polar Gray		X	X	X												Y-6100-E	751 615	751 616
Tennessee Red "52"			X	X	X	X	X	X								M-9522-E	751 694	751 695
Lemon Yellow			X													M-9512-E	751 692	751 693
Cream Yellow			X													Y-7551-E	751 677	751 678
Sportsman Beige				X												X-5710-E	751 613	751 614
Tampico Green					X	X	X	X								XZ-2160-E	751 683	751 684
Sun Valley Ivory						X	X	X								Z-7245-E	751 681	751 682
Rapid City Black						X	X	X	X	X	X	X	X	X		J-3940-E	751 696	751 697
Daytona White							X	X	X	X	X	X	X	X		J-9545-E	751 700	751 701
Cadillac Red							X	X								J-9555-E	751 704	751 705
Santa Fe Red									X	X	X					H-9150-E	751 712	751 713
Pontiac Red												X	X	X		W-3665-E	754 716	754 717
Juneau White																B-4243-E	754 755	754 756
DOPE - Clear, Nitrate																	750 165	750 166
DOPE - Clear, Butyrate																	751 593	751 594
DOPE - Aluminum, Nitrate																	750 193	750 194
DOPE - Aluminum, Butyrate																	751 633	751 634
PRIMER - Zinc Chromate																	750 161	750 162
THINNER - Nitrate																	751 177	751 178
THINNER - Zinc Chromate																		750 186
THINNER - Butyrate																	751 631	751 632
THINNER - Enamel																	751 629	751 630

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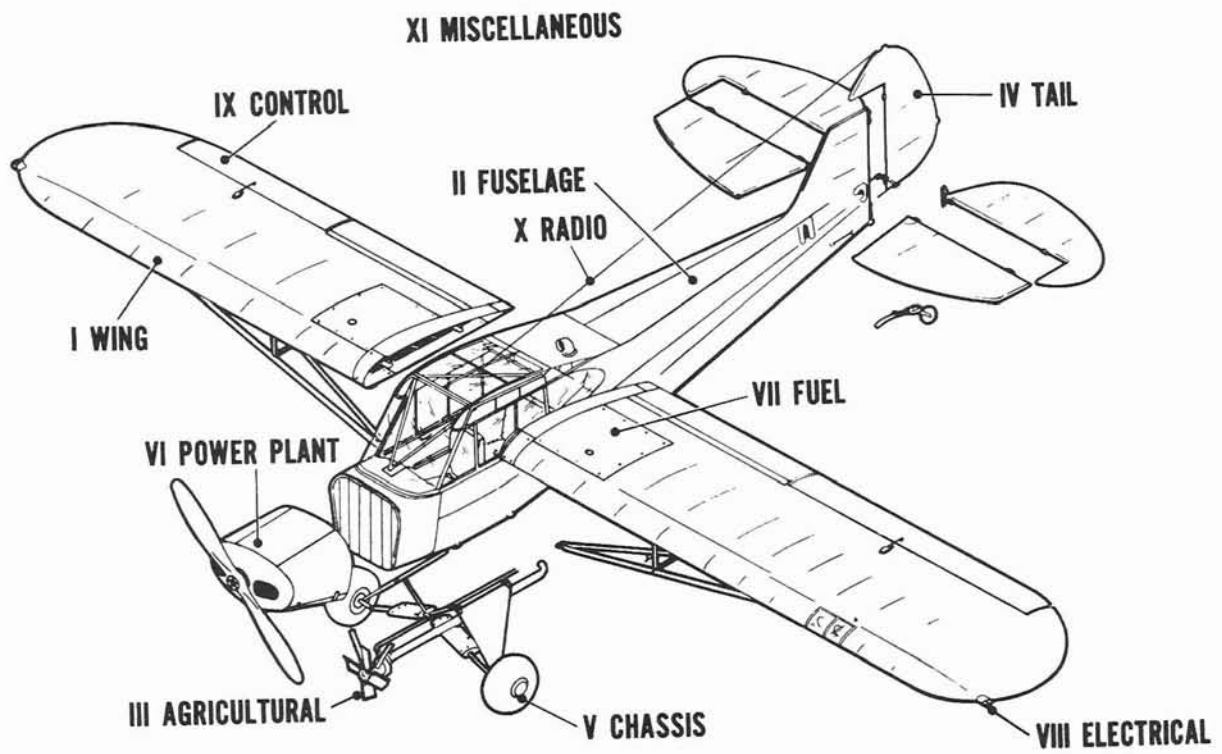


Figure 1. Exploded View of Complete Airplane

Note: This installation also applies to Left Wing. Airplane serial No's 18-1 to 18-468 inclusive.

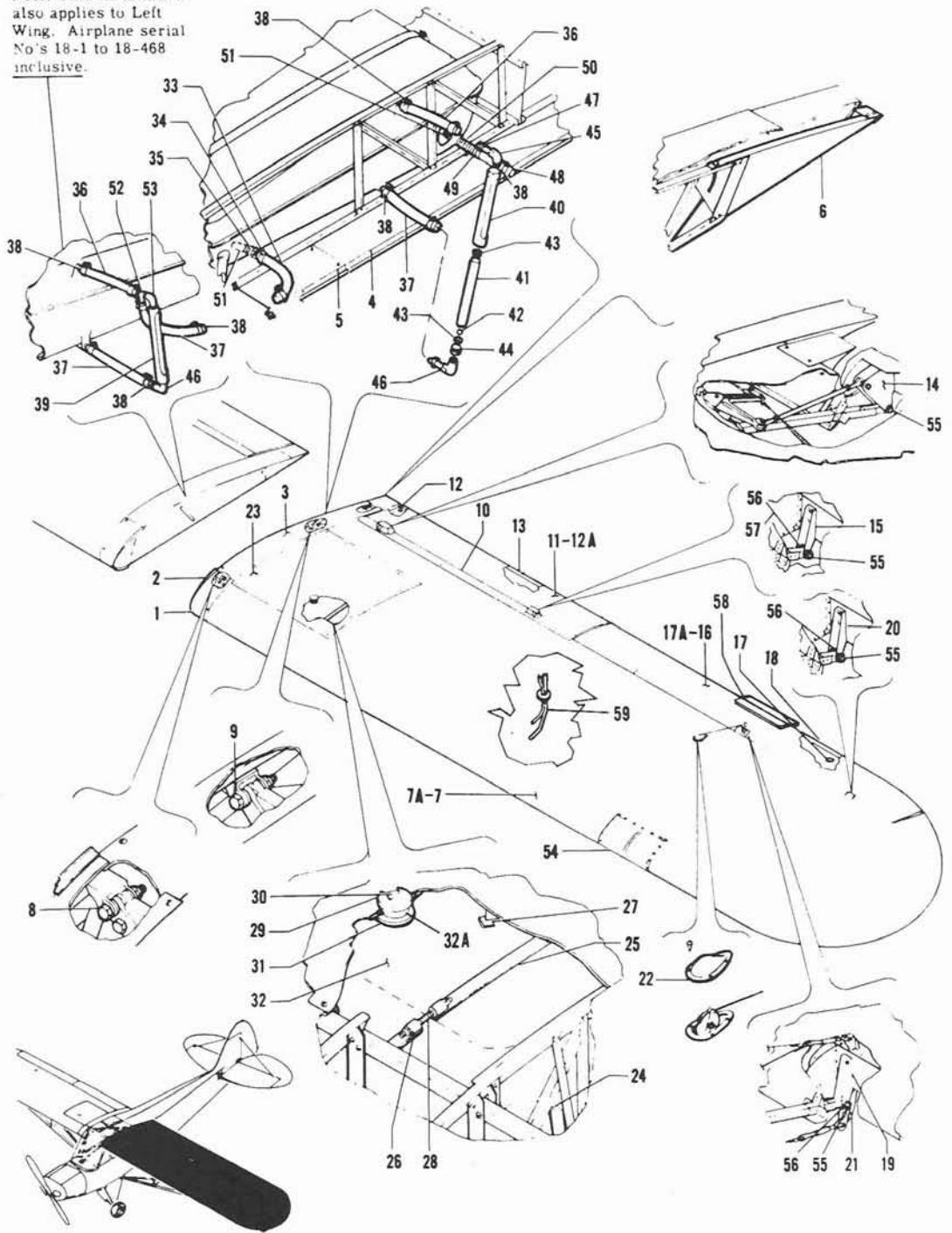


Figure 2. Wing and Fuel Tank Installation

SECTION I
Wing Group

WING AND FUEL TANK INSTALLATION

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
2-	12322		DRAWING - Rigging Diagram		
	12554		DRAWING - Aircraft Dimension and Control Surface Travel		(PA-18 only) 18-1 to 18-3770, 18-3772 to 18-3780 inclusive
	13253		DRAWING - Aircraft Dimension and Control Surface Travel		(PA-18A only) 18-1215 to 18-3770, 18-3772 to 18-3785 inclusive
	12544		DRAWING - Wing and Fuel Tank Installation "95", "105" and "125"		
	13766		DRAWING - Wing and Fuel Tank Installation "135" and "150"		
	14477		DRAWING - Aircraft Dimension and Control Surface Travel "135" and "150"		(PA-18 only) 18-3771, 18-3781 and up
	14482		DRAWING - Aircraft Dimension and Control Surface Travel "135" and "150"		(PA-18A only) 18-3771, 18-3786 and up
	14487		DRAWING - Aircraft Dimension and Control Surface Travel "95"		18-3771, 18-3781 and up
-1	12276-00		FAIRING - Wing root, LH	1	
	12276-01		FAIRING - Wing root, RH	1	
-2	19657-00		MOULDING - Rubber	2	
-3	11523-00		FAIRING - Wing root, top	2	
-4	12274-00		FAIRING - Wing root, bottom front, LH	1	
	12274-02		FAIRING - Wing root, bottom front, RH	1	
-5	12275-00		FAIRING - Wing root, bottom rear, LH	1	
	12275-01		FAIRING - Wing root, bottom rear, RH	1	
-6	11719-00		PLATE - Fairing attachment, "105", "125", "135" and "150", LH	1	
	11719-01		PLATE - Fairing attachment, "105", "125", "135" and "150", RH	1	
-7	10624-02		PANEL ASSEMBLY - Wing, fabric covered, "95", LH	1	18-1 to 18-468 inclusive
	10624-06		PANEL ASSEMBLY - Wing, fabric covered, "95", LH	1	18-469 and up
	12779-00		PANEL ASSEMBLY - Wing, fabric covered, "105", LH	1	18-1 to 18-468 inclusive
	12779-04		PANEL ASSEMBLY - Wing, fabric covered, "105" and "125", LH	1	18-469 and up
	12779-08		PANEL ASSEMBLY - Wing, fabric covered, "135", LH	1	18-1810 to 18-3770 inclusive, 18-3772 to 18-3780 inclusive
	14400-00		PANEL ASSEMBLY - Wing, fabric covered, "135" and "150", LH	1	18-3771, 18-3781 to 18-8919
	14400-04		PANEL ASSEMBLY - Wing, ceconite covered, "150", LH	1	18-8920 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
2-22	60752-00		COVER - Pulley	2	
-23	12570-00		COVER ASSEMBLY - Fuel tank, LH	1	18-469 and up
	12570-00	A	COVER ASSEMBLY - Fuel tank, RH	1	
	10657-05		COVER ASSEMBLY - Fuel tank, LH	1	18-1 to 18-468 inclusive
-24	11034-00		COVER ASSEMBLY - Tank brace (4 per ship when fuel tank is installed in right wing)	2	
-25	10016-20		FELT - Top (4 per ship when fuel tank is installed in right wing)	2	
	10016-21		FELT - Bottom (4 per ship when fuel tank is installed in right wing)	2	
-26	10016-17		FELT - Front (4 per ship when fuel tank is installed in right wing)	2	
-27	180 497		FELT - SAE F-50, tank cover (10 ft. per ship when fuel tank is installed in right wing)	5	
-28	80111-00		STUD - Tank strap (4 per ship when fuel tank is installed in right wing)	2	
-29	454 039		CAP - Tank (2 per ship when fuel tank is installed in right wing) (chrome)	1	
-30	751 829		GASKET - Cap (2 per ship when fuel tank is installed in right wing)	1	
-31	80122-48		WASHER - Fuel seal (2 per ship when fuel tank is installed in right wing)	1	
-32	10849-00		TANK ASSEMBLY - Fuel, LH	1	18-1 to 18-468 inclusive
	10849-32		TANK ASSEMBLY - Fuel, LH	1	18-469 and up
	10849-25	A	TANK ASSEMBLY - Fuel, RH	1	
-32a	74181-00		FLANGE - Fuel tank filler cap	1	
-33	82371-10		HOSE - (2 per ship when fuel tank is installed in right wing)	1	
-34	554 871		CLAMP - GS6SS Type "F" (4 per ship when fuel tank is installed in right wing)	2	
-35	476 652		NIPPLE - (AN840-6D) (2 per ship when fuel tank is installed in right wing)	1	
-36	82371-31		HOSE - Flexible, upper	1	18-469 and up
-37	82371-06		HOSE - Flexible, lower, LH	1	18-469 and up
	82371-06		HOSE - Flexible, LH	3	18-1 to 18-468 inclusive
	82371-06	A	HOSE - Flexible	3	
-38	554 778		CLAMP - GS4SS Type "F" (12 per ship when fuel tank is installed in right wing)	6	
-39	10804-00		GAUGE ASSEMBLY - Fuel (2 per ship when fuel tank is installed in right wing)	1	
-40	10837-00		GAUGE	1	
-41	10676-03		TUBE - Glass	1	
-42	10853-00		FLOAT	1	
-43	85012-51		WASHER	2	
-44	10847-00		BUSHING	1	

A - Used when fuel tank is installed in right wing.

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
2-7	10624-05	A	PANEL ASSEMBLY - Wing, fabric covered, "95", RH	1	
	10624-03		PANEL ASSEMBLY - Wing, fabric covered, "95", RH	1	
	12779-01		PANEL ASSEMBLY - Wing, fabric covered, "105" and "125", RH	1	
	12779-03	A	PANEL ASSEMBLY - Wing, fabric covered, "105", "125" and "135", RH	1	18-1 to 18-3770 inclusive, 18-3772 to 18-3780 inclusive
	14400-01		PANEL ASSEMBLY - Wing, fabric covered, "135" and "150", RH	1	
	14400-05		PANEL ASSEMBLY - Wing, ceconite covered, "150", RH	1	18-3771, 18-3781 to 18-8919
-7a	459 119		ENVELOPE - Wing, ceconite, left	1	18-8920 and up
	459 120		ENVELOPE - Wing, ceconite, right	1	18-8920 and up
-8	400 162		BOLT - (AN5-17)	2	
	407 566		WASHER - (AN960-516)	2	
	406 683		NUT - Elastic stop (42E054)	2	
-9	400 161		BOLT - (AN5-16)	2	
	407 566		WASHER - (AN960-516)	4	
	406 683		NUT - Elastic stop (42E054)	2	
-10	12795-00		FAIRING - Flap, "105", "125", "135" and "150", LH	1	
	12795-01		FAIRING - Flap, "105", "125", "135" and "150", RH	1	
-11	12773-00		FLAP ASSEMBLY - Fabric covered, "105", "125", "135" and "150", LH	1	18-1 to 18-8919 inclusive
	12773-02		FLAP ASSEMBLY - Ceconite covered, "150", LH	1	
	12773-01		FLAP ASSEMBLY - Fabric covered, "105", "125", "135" and "150", RH	1	
	12773-03		FLAP ASSEMBLY - Ceconite covered, "150", RH	1	
-12	80122-53		GROMMET - Drain, "105", "125", "135" and "150"	7	
-12a	459 125		ENVELOPE - Flap assembly, ceconite	1	18-8920 and up
-13	12768-00		FLAP ASSEMBLY - Uncovered, "105", "125", "135" and "150", LH	1	
	12768-01		FLAP ASSEMBLY - Uncovered, "105", "125", "135" and "150", RH	1	
-14	11682-00		HINGE - Flap, inboard, "105", "125", "135" and "150"	1	
-15	41881-02		HINGE - Flap, outboard, "105", "125", "135" and "150"	1	
-16	42592-00		AILERON ASSEMBLY - Fabric covered, LH	1	18-1 to 18-8919 inclusive
	42592-04		AILERON ASSEMBLY - Ceconite covered, LH	1	
	42592-01		AILERON ASSEMBLY - Fabric covered, RH	1	
	42592-05		AILERON ASSEMBLY - Ceconite covered, RH	1	
-17	80122-53		GROMMET - Drain	9	
-17a	459 111		ENVELOPE - Aileron assembly, ceconite	1	18-8920 and up
-18	42585-00		AILERON ASSEMBLY - Uncovered, LH	1	
	42585-01		AILERON ASSEMBLY - Uncovered, RH	1	
-19	41891-00		HINGE - Center	1	
-20	41881-00		HINGE - Inboard and outboard	2	
-21	40501-00		HORN ASSEMBLY	1	

A - Used when fuel tank is installed in right wing.

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
2-45	458 903		ELBOW - (AN842-4) LH	1	18-469 and up
-46	10834-00		ELBOW - (2 per ship when fuel tank is installed in right wing)	1	
-47	434 138		GROMMET - (AN931-10-14) Left	1	18-469 and up
-48	82371-07		HOSE - Flexible	1	18-469 and up
-49	11987-25		TUBE - Strainer to hose, LH	1	18-469 and up
-50	460 649		FITTING - Connector (W/H No. 234 x 4)	1	18-469 and up
-51	72091-00		STRAINER ASSEMBLY - Tank outlet (3 per ship when fuel tank is installed in right wing) (1 per ship left wing - airplane serial numbers 18-1 to 18-468 inclusive)	2	
-52	488 371	A	TEE - (3141-3-4D) (when fuel tank is installed in right wing)	1	
	488 371		TEE - (3141-3-4D) LH	1	18-1 to 18-468 inclusive
-53	458 904	A	ELBOW - (AN914-1D) (used when fuel tank is installed in right wing)	1	
	458 904		ELBOW - (AN914-1D) Left wing	1	18-1 to 18-468 inclusive
-54	12532-00	B	WINDOW - Landing light, "95", "105", "125" and "135"	1	
	12532-03		WINDOW - Landing light, "135" and "150"	1	18-3771, 18-3781 and up
-55	424 217		PIN - Hinge, aileron and flap (AN394-41)	10	
-56	407 565		WASHER - (AN960-416)	AR	
	407 585		WASHER - (AN960-416L)	AR	
-57	407 565		WASHER - (AN960-416)	AR	
	407 585		WASHER - (AN960-416L)	AR	
	750 454		KIT - Rib repair	1	
	750 286		CATSTRIP MATERIAL	12'	
	750 287		DIAGONAL RIB BRACING - .020	12'	
	00031-24		RIB CATSTRIP REPAIR STRIP	5	
	12692-05		FRONT SPAR ANGLE BRACE - Rear	4	
	12692-06		REAR SPAR ANGLE BRACE - Front	3	
	12692-07		REAR SPAR ANGLE BRACE - Rear	3	
	16621-00		NOSE RIB REPAIR SECTION	3	
	421 022		3/32" x 1/4", No. 2SO aluminum rivets	1/4 lb.	
-58	11253-00		TAB - Aileron trim	1	
-59	13764-00		TUBE ASSEMBLY - Airspeed (pitot and static) "135" and "150"	1	
			A - Used when fuel tank is installed in right wing. B - Used on airplanes with serial numbers 18-1 to 18-3770 inclusive, 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
3-	12779		DRAWING - Wing Assembly, Covered, "105", "125" and "135"		18-1 to 18-3770 inclusive, 18-3772 to 18-3780 inclusive
	10624		DRAWING - Wing Assembly, Covered, "95"		
	14400		DRAWING - Wing Panel Assembly, Covered, "135" and "150"		18-3771, 18-3781 and up
-1	82461-00		COVER - Rectangular	AR	
-2	12761-02		COVER - Round	AR	
-3	81232-15		DISC - Pyralin, jig hole cover	8	
-4	85012-78		GROMMET - Round	AR	
-5	80122-51		GROMMET - Reinforcing, pyralin	AR	
-6	80541-02		GROMMET - Cover	AR	
-7	80122-53		GROMMET - Drain	AR	
-8	60671-00		GROMMET - Aileron pulley cover	2	
-9	15761-00		REINFORCEMENT - Pyralin	4	
-10	60863-03		REINFORCEMENT - Leather	7	
-11	60863-09		REINFORCEMENT - Leather	2	
-12	11473-47		PLATE - Reinforcing	6	

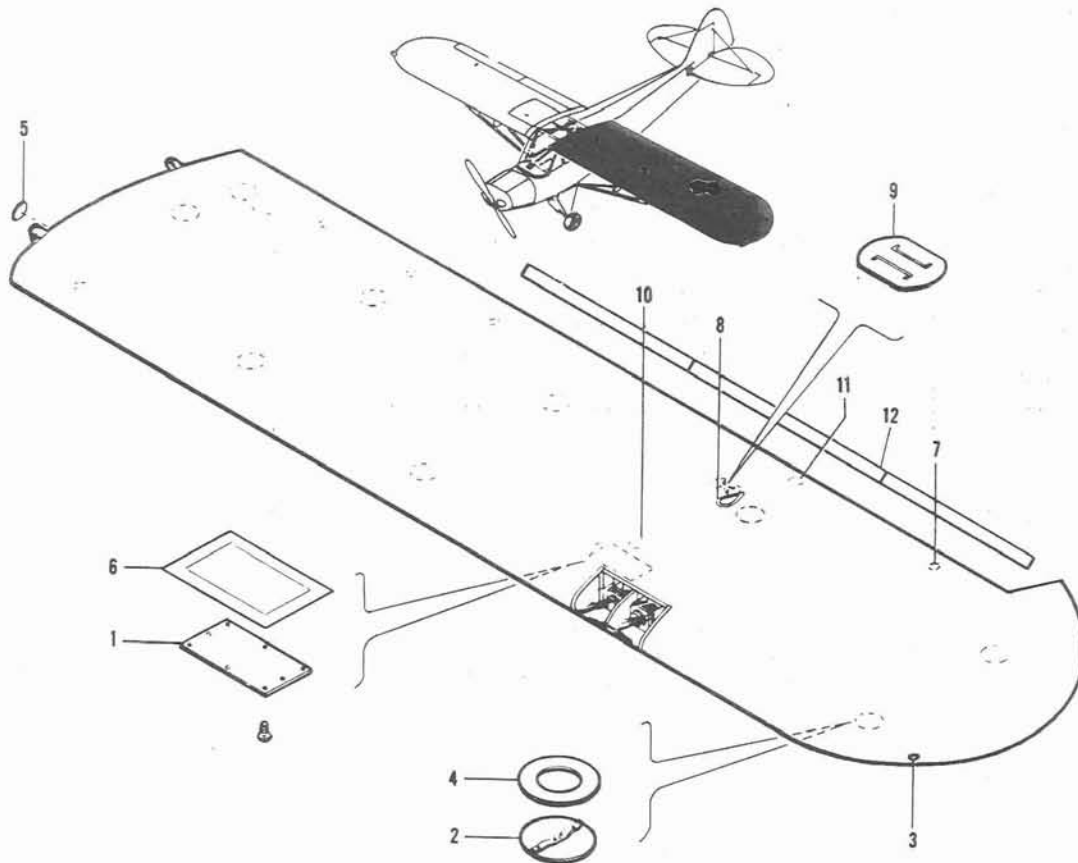


Figure 3. Covered Wing Assembly

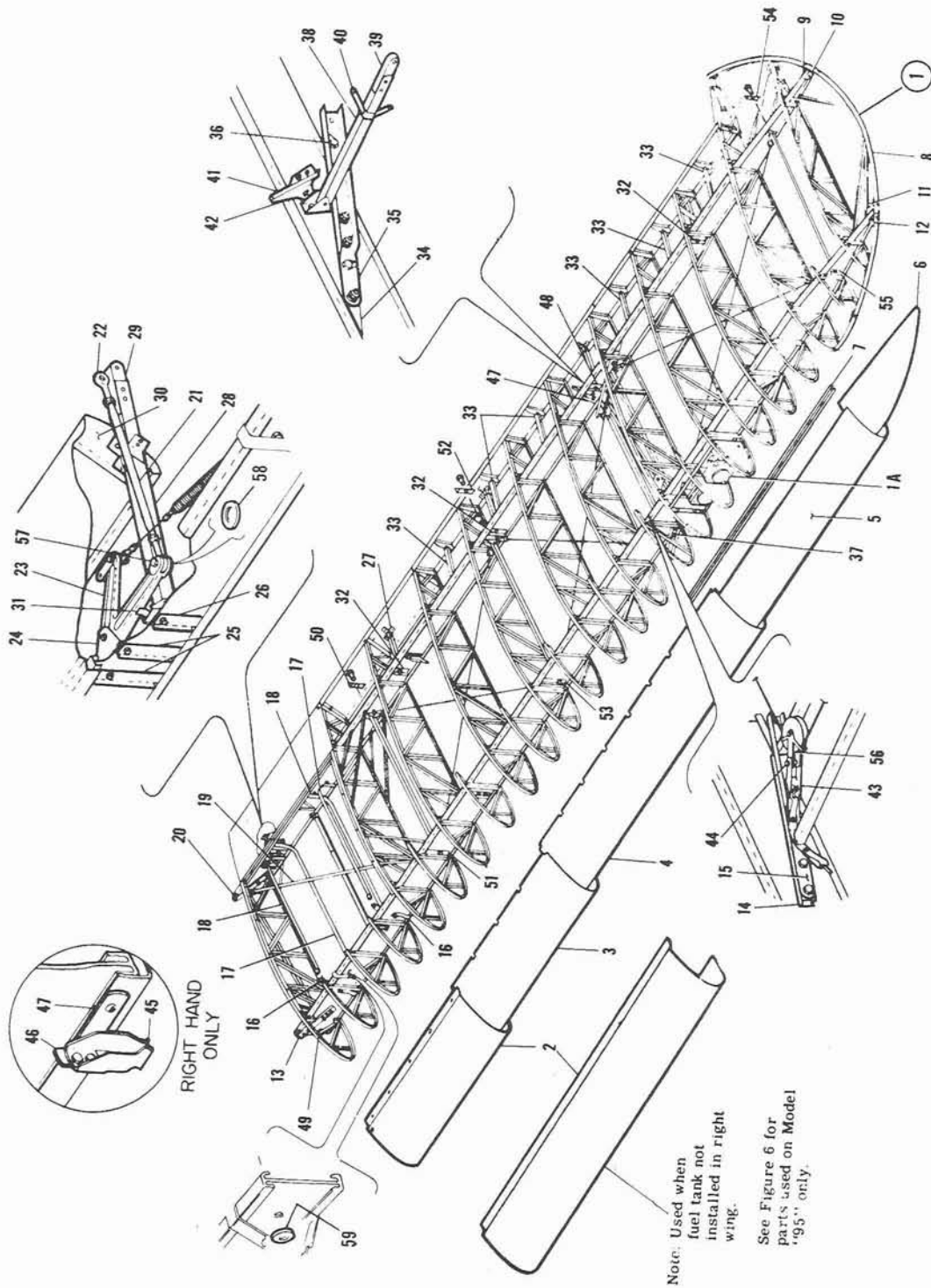


Figure 4. Wing Panel Assembly, Uncovered (Showing Leading Edge)

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
4-	12778		DRAWING - Wing panel assembly, uncovered, "105", "125" and "135"		18-1 to 18-3770 incl. and 18-3772 to 18-3780 inclusive
	14394		DRAWING - Wing panel assembly, uncovered, "135" and "150"		18-3771, 18-3781 and up
-1	12778-01		WING PANEL ASSEMBLY - Uncovered, "105" and "125", RH	1	
	12778-03	A	WING PANEL ASSEMBLY - Uncovered, "105", "125" and "135", RH	1	18-1 to 18-3770 inclusive and 18-3772 to 18-3780 inclusive
	12778-00		WING PANEL ASSEMBLY - Uncovered, "105", LH	1	18-1 to 18-468 inclusive
	12778-04		WING PANEL ASSEMBLY - Uncovered, "105" and "125", LH	1	18-469 and up
	12778-08		WING PANEL ASSEMBLY - Uncovered, "135", LH	1	18-1810 to 18-3770 inclusive and 18-3772 to 18-3780 inclusive
	14394-00		WING PANEL ASSEMBLY - Uncovered, "135" and "150", LH	1	18-3771, 18-3781 and up
	14394-01		WING PANEL ASSEMBLY - Uncovered, "135" and "150", RH	1	18-3771, 18-3781 and up
-1a	472 661		LIGHT - Landing (4509)	2	
-2	10630-00		COVER ASSEMBLY - Leading edge, LH	1	18-1 to 18-468 inclusive
	10630-11	B	COVER ASSEMBLY - Leading edge, LH, "95", "105" "125" and "135"	1	
	10630-09	AC	COVER ASSEMBLY - Leading edge, RH, "95", "105", "125" and "135"	1	
	15472-01		COVER - Leading edge, RH (When fuel tank not installed), "95", "105", "125"	1	
	10630-05		COVER - Leading edge inboard, RH#1, "135" and "150"	2	18-3771, 18-3781 and up
	10630-08		COVER - Leading edge inboard, LH #1, "135" and "150"	2	18-3771, 18-3781 and up
-3	10631-00	C	COVER ASSEMBLY - Leading edge, LH, "95", "105" "125" and "135"	1	
	10631-01	AC	COVER - Leading edge, RH, "95", "105", "125" and "135"	1	
	14387-00		COVER - Leading edge, center inboard section, LH #2, "135" and "150"	1	18-3771, 18-3781 and up
	14387-01		COVER - Leading edge, center inboard section, RH #2, "135" and "150"	1	18-3771, 18-3781 and up
-4	15482-00	C	COVER - Leading edge, LH, "95", "105", "125" and "135"	1	
	15482-01	C	COVER - Leading edge, RH, "95", "105", "125" and "135"	1	
	14389-00		COVER - Leading edge, center outboard section, LH #3, "135" and "150"	1	18-3771, 18-3781 and up
	14389-01		COVER - Leading edge, center outboard section, RH #3, "135" and "150"	1	18-3771, 18-3781 and up

A - Used when fuel tank is installed in right wing.
 B - Used on PA-18 "95" airplanes with serial numbers 18-469 and up. Used on PA-18 and PA-18A "105", "125" and "135" airplanes with serial numbers 18-469 to 18-3770, 18-3772 to 18-3780 inclusive.
 C - Used on PA-18 "95" airplanes with serial numbers 18-1 and up. Used on PA-18 and PA-18A "105", "125" and "135" airplanes with serial numbers 18-1 to 18-3770, 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
4-5	13072-05	A	COVER ASSEMBLY - Leading edge, "95", "105", "125" and "135"	2	18-3771, 18-3781 and up
	13072-06		COVER - Leading edge outboard #4, "135" and "150"	2	
-6	15723-00		COVER - Tip, leading edge, LH	1	
	15723-01		COVER - Tip, leading edge, RH	1	
-7	15742-00	A	REINFORCEMENT - Leading edge, "95", "105", "125" and "135"	2	
-8	453 126		BOW - Wing tip	2	
-9	16611-00		FITTING - Wing tip, bow, rear spar	2	
-10	16601-00		FITTING - Wing tip, bow, rear spar	2	
-11	16551-00		FITTING - Wing tip, bow, front spar	2	
-12	16561-00		FITTING - Wing tip, bow, front spar	2	
-13	10401-00		FITTING - Front spar butt hinge	4	
-14	14461-00		BLOCK - Filler	4	
-15	14192-00		FITTING ASSEMBLY - Lift strut attachment	4	
-16	10648-03		STRAP ASSEMBLY - Fuel tank (4 per ship when fuel tank installed in right wing)	2	
-17	10650-02		STRAP ASSEMBLY - Fuel tank (4 per ship when fuel tank installed in right wing)	2	
-18	10649-03		STRAP - Fuel tank (4 per ship when fuel tank installed in right wing)	2	
-19	10641-00		TUBE - Drag brace, fuel tank (2 per ship when fuel tank installed in right wing)	1	
-20	14161-00		FITTING - Hinge, rear spar butt	4	
-21	11677-00		ROD - Push pull, flap, "105", "125", "135" and "150"	2	
-22	452 335		BEARING - Push pull rod, "105", "125", "135" and "150"	2	
-23	40092-10		BELLCRANK - Flap control, "105", "125", "135" and "150", LH	1	
	40092-09		BELLCRANK - Flap control, "105", "125", "135" and "150", RH	1	
-24	11672-00		BRACKET - Flap bellcrank, "105", "125", "135" and "150"	2	
-25	11675-02		ANGLE - Reinforcement, "105", "125", "135" and "150"	4	
-26	11675-03		ANGLE - Reinforcement, "105", "125", "135" and "150"	2	
-27	10703-04		BRACKET ASSEMBLY - Flap hinge, "105", "125", "135" and "150"	2	
-28	10703-03		BRACKET ASSEMBLY - Flap hinge, "105", "125", "135" and "150"	2	
-29	10921-00	B	BLOCK - Bearing	1	
	10921-02	C	BLOCK - Bearing	1	
-30	12028-00		CHANNEL - Reinforcement, "105", "125" and "135"	2	
-31	11678-00		PLATE - Stop, "105", "125", "135" and "150"	2	
-32	10291-00		ANGLE - Reinforcement, "105", "125", "135" and "150"	6	

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

WING PANEL ASSEMBLY, UNCOVERED
(Showing Leading Edge)

SECTION I
Wing Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
4-33	14541-00		BRACE ASSEMBLY - False spar	12	
34	14271-00		BLOCK - Filler	4	
-35	14182-00		FITTING - Lift strut attachment	4	
-36	15631-03		SPACER	2	
-37	15631-02		SPACER	2	
-38	10703-00		BRACKET ASSEMBLY - Aileron hinge	6	
-39	10921-00	A	BLOCK	1	
	10921-02	B	BLOCK	1	
-40	14581-00		STOP ASSEMBLY - Aileron	2	
-41	14611-00		BRACKET - Aileron pulley, inboard half, LH	1	
	14611-01		BRACKET - Aileron pulley, inboard half, RH	1	
-42	14621-00		BRACKET - Aileron pulley, outboard half, LH	1	
	14621-01		BRACKET - Aileron pulley, outboard half, RH	1	
-43	14261-00		BRACKET - Aileron pulley housing attachment	2	
-44	82732-24		BUSHING	2	
-45	83491-00	C	CATCH - Door	1	
	10280-00		CATCH - Door	1	18-1 to 18-231 inclusive
-46	12847-00	C	BRACKET ASSEMBLY - Door catch mounting	1	18-1 to 18-231 inclusive
	10474-00		CHANNEL - Door catch attachment	1	
-47	14571-00		ANGLE - Reinforcement, pulley bracket, LH	1	
	14571-01		ANGLE - Reinforcement, pulley bracket, RH	1	
-48	14291-00		ANGLE - Reinforcement, aileron hinge, LH	1	
	14291-01		ANGLE - Reinforcement, aileron hinge, RH	1	
-49	14401-08		ANGLE - Reinforcement, No. 1 drag strut	2	
-50	14411-02		ANGLE - Reinforcement, No. 2 drag strut	2	
-51	14401-03		ANGLE - Reinforcement, No. 2 drag strut	2	
-52	14411-03		ANGLE - Reinforcement, No. 3 drag strut	2	
-53	14401-04		ANGLE - Reinforcement, No. 3 drag strut	2	
-54	14411-04		ANGLE - Reinforcement, No. 5 drag strut	2	
-55	14401-05		ANGLE - Reinforcement, No. 5 drag strut	2	
-56	41291-00		HOUSING - Pulley	2	
-57	12713-04		SCREW - "105", "125" and "135"	2	18-1 to 18-3770 inclusive, 18-3772 to 18-3780 inclusive
	410 050		SCREW - Flap bellcrank to push pull rod (AN509-10R21) "135" and "150"	2	18-3771, 18-3781 and up
-58	407 564		WASHER - Spacer, flap control rod installation at bellcrank (AN960-10) "105", "125", "135" and "150"	4	
-59	80122-11		WASHER - Fuel tank strap attachment	16	18-4618 and up
			A - Used on airplanes with serial numbers 18-1 to 18-721 inclusive, 18-873 to 18-1026 inclusive, 18-1125, 18-1130 and up.		
			B - Used on airplanes with serial numbers 18-722 to 18-872 inclusive, 18-1027 to 18-1124 inclusive, and 18-1126 to 18-1129 inclusive.		
			C - Used on airplanes with serial numbers 18-232 and up, and all airplanes which had fuel tank installed in right wing.		

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

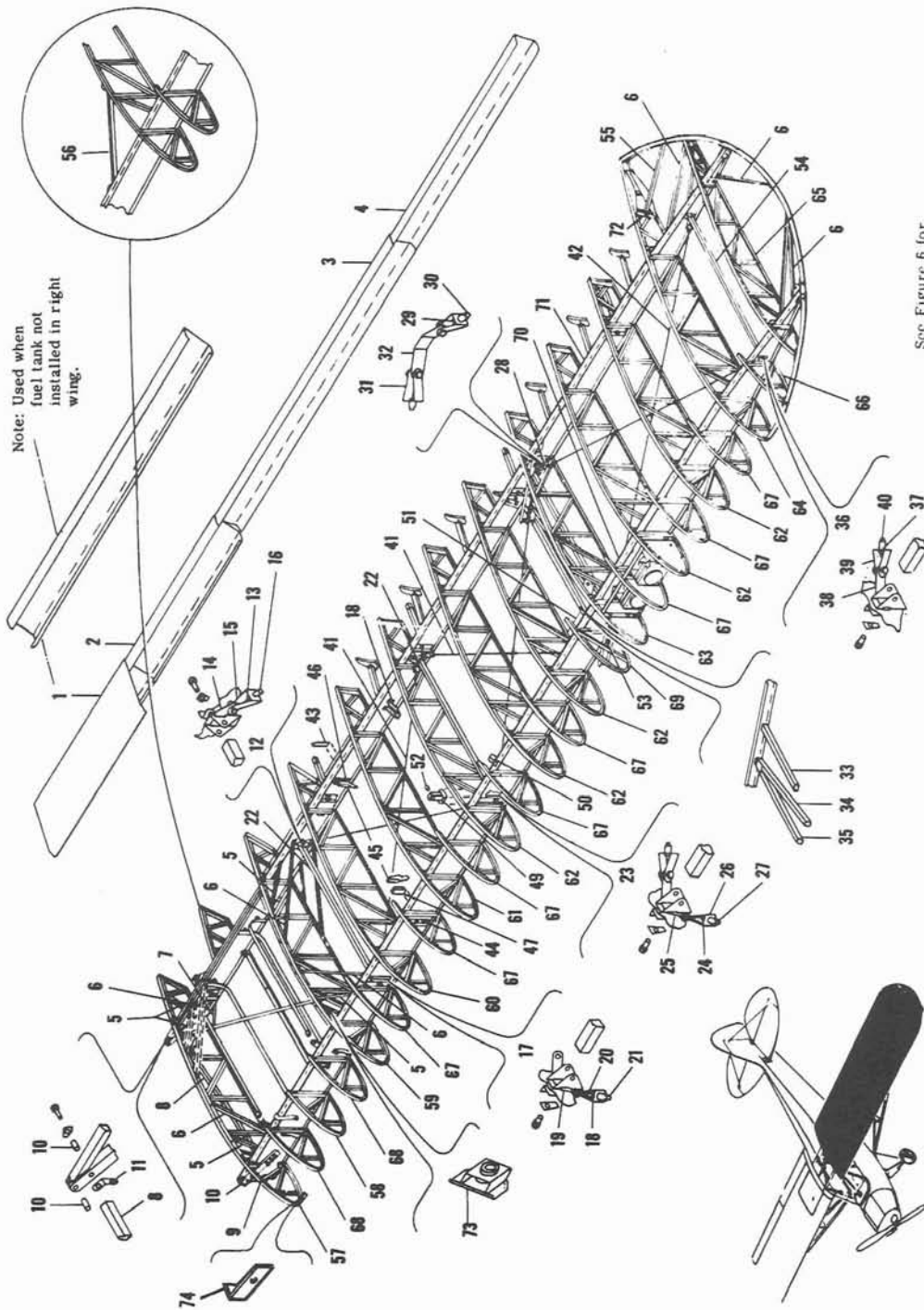


Figure 5. Wing Panel Assembly, Uncovered (Showing Trailing Edge)

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
5-1	12784-00		SPAR - False, flap, "105", LH	1	18-1 to 18-468 inclusive
	12784-05		SPAR - False, flap, "105", "125" and "135", LH	1	18-469 to 18-3770 inclusive, 18-3772 to 18-3781 inclusive
	12784-03	AB	SPAR - False, flap, "105", "125" and "135", RH	1	
	12783-00		SPAR - False, flap, "105" and "125", RH (When fuel tank not installed)	1	
	14385-00		SPAR - False, flap inboard, LH, "135" and "150"	1	18-3771, 18-3781 and up
	14385-01		SPAR - False, flap inboard, RH, "135" and "150"	1	18-3771, 18-3781 and up
-2	11670-02	B	SPAR - False, flap, "105", "125" and "135", LH	1	
	11670-03	AB	SPAR - False, flap, "105", "125" and "135", RH	1	
11670-04	SPAR - False, flap outboard, left, "135" and "150"		1	18-3771, 18-3781 and up	
11670-05	SPAR - False, flap outboard, right, "135" and "150"		1	18-3771, 18-3781 and up	
-3	15562-00	C	SPAR - False, aileron, LH, "95", "105", "125" and "135"	1	
	15562-01	C	SPAR - False, aileron, RH, "95", "105", "125" and "135"	1	
	14382-00		SPAR - False, aileron inboard, LH, "135" and "150"	1	18-3771, 18-3781 and up
	14382-01		SPAR - False, aileron inboard, RH, "135" and "150"	1	18-3771, 18-3781 and up
-4	15572-00	C	SPAR - False, aileron, LH, "95", "105", "125" and "135"	1	
	15572-01	C	SPAR - False, aileron, RH, "95", "105", "125" and "135"	1	
15572-02	SPAR - False, aileron outboard, LH, "135" and "150"		1	18-3771, 18-3781 and up	
15572-03	SPAR - False, aileron outboard, RH, "135" and "150"		1	18-3771, 18-3781 and up	
-5	12252-02		BRACE - Channel (4) left wing (5) right wing (8 per ship when fuel tank installed in right wing) "105", "125", "135" and "150" (8-1/2" lg)	9	
-6	12252-03		BRACE - Channel (8) left wing (9) right wing (16 per ship when fuel tank installed in right wing) "105", "125", "135" and "150" (16" lg)	17	
-7	12252-06		BRACE - Channel (2 per ship when fuel tank installed in right wing) "105", "125", "135" and "150" (6-1/4" lg)	1	
-8	14232-02		STRUT - Drag, No. 1	2	
-9	80122-25		WASHER - At No. 1 drag strut, LH (2 per ship when fuel tank installed in right wing)	1	
-10	80022-31		BUSHING - Insert, butt hinge and No. 1 drag strut	6	
-11	10171-04		FITTING - Attachment, brace tube, LH (2 per ship when fuel tank installed in right wing)	1	
-12	10705-00		FITTING ASSEMBLY - Drag wire pull, No. 2 drag strut, rear spar, left wing, also No. 1 drag strut, front and rear spar, when fuel tank not installed in right wing (2 per ship when fuel tank installed in right wing at No. 2 drag strut, rear spar installation only)	3	
-13	81102-03		WASHER - Square	1	
-14	10171-04		FITTING	1	
-15	10221-00		CLEVIS	1	
-16	10201-00		NIPPLE	1	

A - Used when fuel tank is installed in right wing.
 B - Used on airplanes with serial numbers 18-1 to 18-3770 inclusive, and 18-3772 to 18-3780 inclusive.
 C - Used on PA-18 "95" airplanes with serial numbers 18-1 and up. Used on PA-18 and PA-18A "105", "125" and "135" airplanes with serial numbers 18-1 to 18-3770 inclusive, 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
5-17	10711-00		FITTING ASSEMBLY - Drag wire pull, No. 2 drag strut, front spar, left wing (2 per ship when fuel tank installed in right wing)	1	
-18	81102-03		WASHER - Square	1	
-19	10161-04		FITTING	1	
-20	10221-00		CLEVIS	1	
-21	10201-00		NIPPLE	1	
-22	14222-02		STRUT ASSEMBLY - Drag, No. 2 and No. 3	4	
-23	10706-00		FITTING ASSEMBLY - Drag wire pull, No. 3 drag strut, also No. 2 drag strut, front and rear spar, when fuel tank not installed in right wing (4 per ship when fuel tank installed in right wing at No. 3 drag strut installation only)	6	
-24	81102-03		WASHER - Square	2	
-25	10161-05		FITTING	1	
-26	10221-00		CLEVIS	2	
-27	10201-00		NIPPLE	2	
-28	10707-00		FITTING ASSEMBLY - Drag wire pull, "N" brace installation	4	
-29	81102-03		WASHER - Square	2	
-30	10201-00		NIPPLE	2	
-31	10221-00		CLEVIS	2	
-32	10161-05		FITTING - Wire pull	1	
-33	16462-00		TUBE ASSEMBLY - Drag strut, upper "N"	2	
-34	10112-07		TUBE - Drag strut, "N" brace	2	
-35	16472-00		TUBE ASSEMBLY - Drag strut, lower "N"	2	
-36	10709-00		FITTING ASSEMBLY - Drag wire pull, No. 5 drag strut	4	
-37	81102-03		WASHER - Square	1	
-38	10171-05		FITTING - Wire pull	1	
-39	10221-00		CLEVIS	1	
-40	10201-00		NIPPLE	1	
-41	14941-06		WIRES - Drag, No. 1, 2 and 3 bay (6) right wing (4) left wing (8 per ship when fuel tank installed in right wing) (44-7/8" lg)	10	
-42	14941-07		WIRES - Drag (56-1/4" lg)	4	
-43	14361-02		ANGLE - Rear spar	2	
-44	14361-03		ANGLE - Front spar	2	
-45	12581-00		FITTING - Front and rear spar, jury strut	4	
-46	14371-02		BLOCK - Filler, rear spar	2	
-47	14371-03		BLOCK - Filler, front spar	2	
-48	11580-00		BRACKET - Airspeed, "135" and "150"	1	18-1810 and up
-49	10644-00		BRACKET ASSEMBLY - Pulley	2	
-50	11061-00		CLIP - Navigation light wire	22	
-51	10531-00	A	FORMER - Fabric, "N" brace assembly, LH, "95", "105", "125" and "135"	1	
	10531-01	A	FORMER - Fabric, "N" brace assembly, RH, "95", "105", "125" and "135"	1	
	10531-04		FORMER - Fabric, "N" brace assembly, LH, "135" and "150"	1	18-3771, 18-3781 and up
	10531-05		FORMER - Fabric, "N" brace assembly, RH, "135" and "150"	1	18-3771, 18-3781 and up

A - Used on PA-18 "95" airplanes with serial numbers 18-1 and up. Used on PA-18 and PA-18A "105", "125" and "135" airplanes with serial numbers 18-1 to 18-3770 inclusive, 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
5-52	80012-03		BUSHING - Insert, pulley	2	
-53	10151-00		PLATE - Lock	24	
-54	14222-00		STRUT ASSEMBLY - Drag, No. 5	2	
-55	12252-05		BRACE - Channel (11" long)	2	
-56	12252-04	A	BRACE - Channel (When fuel tank not installed) #2 rib, RH, (17" long)	1	
-57	10634-05		RIB ASSEMBLY - No. 1 butt, "105", "125", "135" and "150", LH	1	
	10634-07	B	RIB ASSEMBLY - No. 1 butt, "105", "125", "135" and "150", RH	1	
	10908-04		RIB ASSEMBLY - No. 1 butt, "105" and "125", RH	1	
-58	10635-02		RIB ASSEMBLY - No. 2, "105", "125", "135", "150", LH, (#2 and #3 on 18-3771, 18-3781 and up)	1	
	13052-07		RIB ASSEMBLY - No. 2, "105" and "125", RH	1	
	10635-02	B	RIB ASSEMBLY - No. 2, "105", "125", "135", "150", RH, (#2 and #3 on 18-3771, 18-3781 and up)	1	
-59	10653-02		RIB ASSEMBLY - No. 3, "105", "125" and "135", LH (#4 on "135" and "150", 18-3771, 18-3781 and up)	1	18-1 to 18-3770 inclusive, 18-3772 to 18-3780 inclusive
	10907-02		RIB ASSEMBLY - No. 3, "105" and "125", RH	1	
	10653-05	B	RIB ASSEMBLY - No. 3, "105", "125" and "135", RH (#4 on "135" and "150", 18-3771, 18-3781 and up)	1	18-1 to 18-3770 inclusive, 18-3772 to 18-3780 inclusive
-60	13052-07	C	RIB ASSEMBLY - No. 4, "105", "125" and "135" (#5 on "135" and "150", 18-3771, 18-3781 and up)	2	
-61	13042-02	C	RIB ASSEMBLY - No. 5, "105", "125" and "135", LH	1	
	13042-03	C	RIB ASSEMBLY - No. 5, "105", "125" and "135", RH	1	
	13052-09	D	RIB ASSEMBLY - #6, RH, "135" and "150"	1	
	13052-10	D	RIB ASSEMBLY - #6, LH, "135" and "150"	1	
-62	13022-02	A	RIB ASSEMBLY - No. 6, 7, 8, 10 and 11, "95", "105", "125" and "135"	10	
	13042-02	D	RIB ASSEMBLY - No. 7, LH, "135" and "150"	1	
	13042-03	D	RIB ASSEMBLY - No. 7, RH, "135" and "150"	1	
	13022-10	D	RIB ASSEMBLY - No. 8, "135" and "150"	2	
	13022-11	D	RIB ASSEMBLY - No. 9 and 12, "135" and "150"	4	
	13022-09	D	RIB ASSEMBLY - No. 11, "135" and "150"	2	
-63	13022-09	A	RIB ASSEMBLY - No. 9, "95", "105", "125" and "135"	2	
	13022-02	D	RIB ASSEMBLY - No. 10, 13 and 14, "135" and "150"	6	

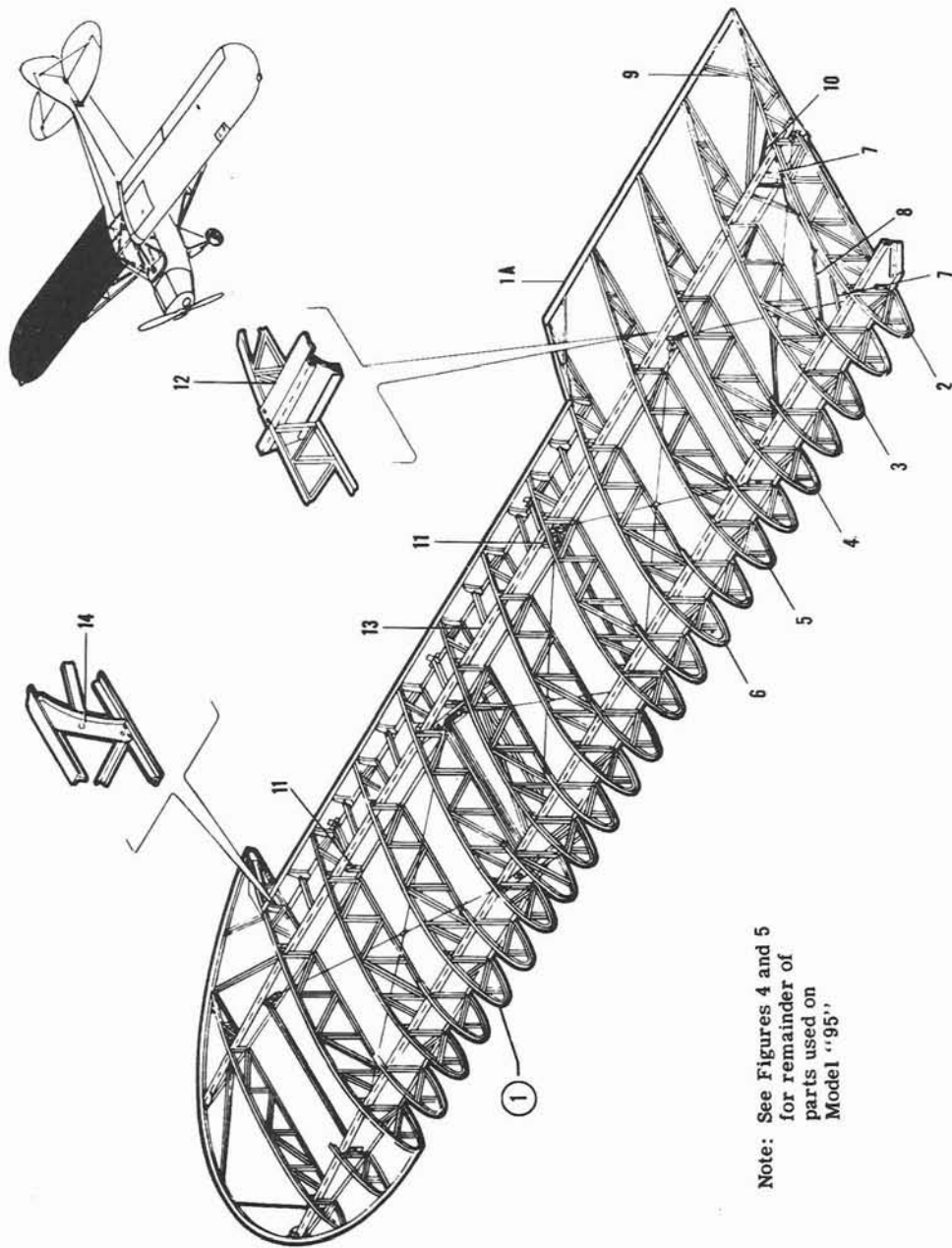
A - Used on PA-18 "95" airplanes with serial numbers 18-1 and up. Used on PA-18 and PA-18A "105", "125" and "135" airplanes with serial numbers 18-1 to 18-3770 inclusive, 18-3772 to 18-3780 inclusive.
 B - Used when fuel tank is installed in right wing.
 C - Used on airplanes with serial numbers 18-1 to 18-3770 inclusive, and 18-3772 to 18-3780 inclusive.
 D - Used on airplanes with serial numbers 18-3771, 18-3781 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
5-64	12902-00	A	RIB ASSEMBLY - No. 12, LH, "95", "105", "125" and "135"	1	
	12902-01	A	RIB ASSEMBLY - No. 12, RH, "95", "105", "125" and "135"	1	
	12902-00	B	RIB ASSEMBLY - Outboard aileron, #15, LH, "135" and "150"	1	
	12902-01	B	RIB ASSEMBLY - Outboard aileron, #15, RH, "135" and "150"	1	
-65	10742-02	A	RIB ASSEMBLY - Tip, #13, LH, "95", "105", "125" and "135"	1	
	10742-03	A	RIB ASSEMBLY - Tip, #13, RH, "95", "105", "125" and "135"	1	
	10742-02	B	RIB ASSEMBLY - No. 16, tip, left, "135" and "150"	1	
	10742-03	B	RIB ASSEMBLY - No. 16, tip, right, "135" and "150"	1	
-66	16192-00		RIB - Nose, tip, LH	1	
	16192-01		RIB - Nose, tip, RH	1	
-67	12662-02		RIB ASSEMBLY - Nose (10) right wing (8) left wing (16 per ship when fuel tank installed in right wing) (20 per ship "135" and "150", 18-3771, 18-3781 and up)	18	
-68	12662-04	C	RIB ASSEMBLY - Nose, special, #1 and #2, left wing (4 per ship when fuel tank is installed in right wing)	2	
-69	15712-00	C	RIB ASSEMBLY - Nose	1	
	15712-02	B	RIB ASSEMBLY - Nose wing, at lift strut fitting installation, "135" and "150"	2	
-70	14383-04	A	SPAR ASSEMBLY - Front, LH, "95", "105", "125" and "135"	1	
	14383-05	A	SPAR ASSEMBLY - Front, RH, "95", "105", "125" and "135"	1	
	14391-02	B	SPAR ASSEMBLY - Front, LH, "135" and "150"	1	
	14391-03	B	SPAR ASSEMBLY - Front, RH, "135" and "150"	1	
-71	14453-04	C	SPAR ASSEMBLY - Rear, "105", "125" and "135", LH	1	
	14453-05	C	SPAR ASSEMBLY - Rear, "105", "125" and "135", RH	1	
	14392-02	B	SPAR ASSEMBLY - Rear, LH, "135" and "150"	1	
	14392-03	B	SPAR ASSEMBLY - Rear, RH, "135" and "150"	1	
-72	13171-00		GUSSET - False spar installation (4 per ship model "95")	2	
-73	11151-02		PLATE - "U", fairlead retainer	4	
-74	12331-02	B	PLATE - Butt rib and leading edge attachment, "135" and "150"	2	

A - Used on PA-18 "95" airplanes with serial numbers 18-1 and up. Used on PA-18 and PA-18A "105", "125" and "135" airplanes with serial numbers 18-1 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 18-1 to 18-3770 inclusive, and 18-3772 to 18-3780 inclusive.

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



Note: See Figures 4 and 5
for remainder of
parts used on
Model "95"

Figure 6. Wing Panel Assembly, "95"

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
6-	10625		DRAWING - Wing panel assembly, uncovered		
-1	10625-03		WING PANEL ASSEMBLY - Uncovered, RH	1	
	10625-05	B	WING PANEL ASSEMBLY - Uncovered, RH	1	
	10625-04		WING PANEL ASSEMBLY - Uncovered, LH	1	18-1 to 18-468 inclusive
	10625-06		WING PANEL ASSEMBLY - Uncovered, LH	1	18-469 and up
-1a	15773-00		TRAILING EDGE	2	
-2	10908-03		RIB ASSEMBLY - No. 1, RH	1	
	10634-08	B	RIB ASSEMBLY - No. 1, RH	1	
	10634-04		RIB ASSEMBLY - No. 1, LH	1	
-3	13052-02		RIB ASSEMBLY - No. 2, RH	1	
	10635-00	B	RIB ASSEMBLY - No. 2, RH	1	
	10635-00		RIB ASSEMBLY - No. 2, LH	1	
-4	10907-00		RIB ASSEMBLY - No. 3, RH	1	
	10653-06	B	RIB ASSEMBLY - No. 3, RH	1	
	10653-00		RIB ASSEMBLY - No. 3, LH	1	
-5	13052-02		RIB ASSEMBLY - No. 4	2	
-6	13042-01		RIB ASSEMBLY - No. 5, RH	1	
	13042-00		RIB ASSEMBLY - No. 5, LH	1	
-7	12252-02		BRACE - Channel (6 per ship when fuel tank installed in right wing (8-1/2" lg)	7	
-8	12252-03		BRACE - Channel (20 per ship when fuel tank installed in right wing) (16" lg)	21	
-9	12252-08		BRACE - Channel (13-3/4" lg)	4	
-10	12252-06		BRACE - Channel (6 per ship when fuel tank installed in right wing) (6-1/4" lg)	5	
-11	10291-00		ANGLE - Reinforcement	4	
-12	10633-00		PLATE ASSEMBLY - Tank cover support, LH	1	18-1 to 18-468 inclusive
	10633-05		PLATE ASSEMBLY - Tank cover support, LH	1	18-469 and up
	10633-05	B	PLATE ASSEMBLY - Tank cover support, RH	1	
-13	14453-03		SPAR - Rear, RH	1	
	14453-02		SPAR - Rear, LH	1	
-14	13171-00		GUSSET - False spar installation	4	
			NOTE: See Figure 4 and 5 for balance of parts used on model "95" wing panels.		
			B - Used when fuel tank is installed in right wing.		

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

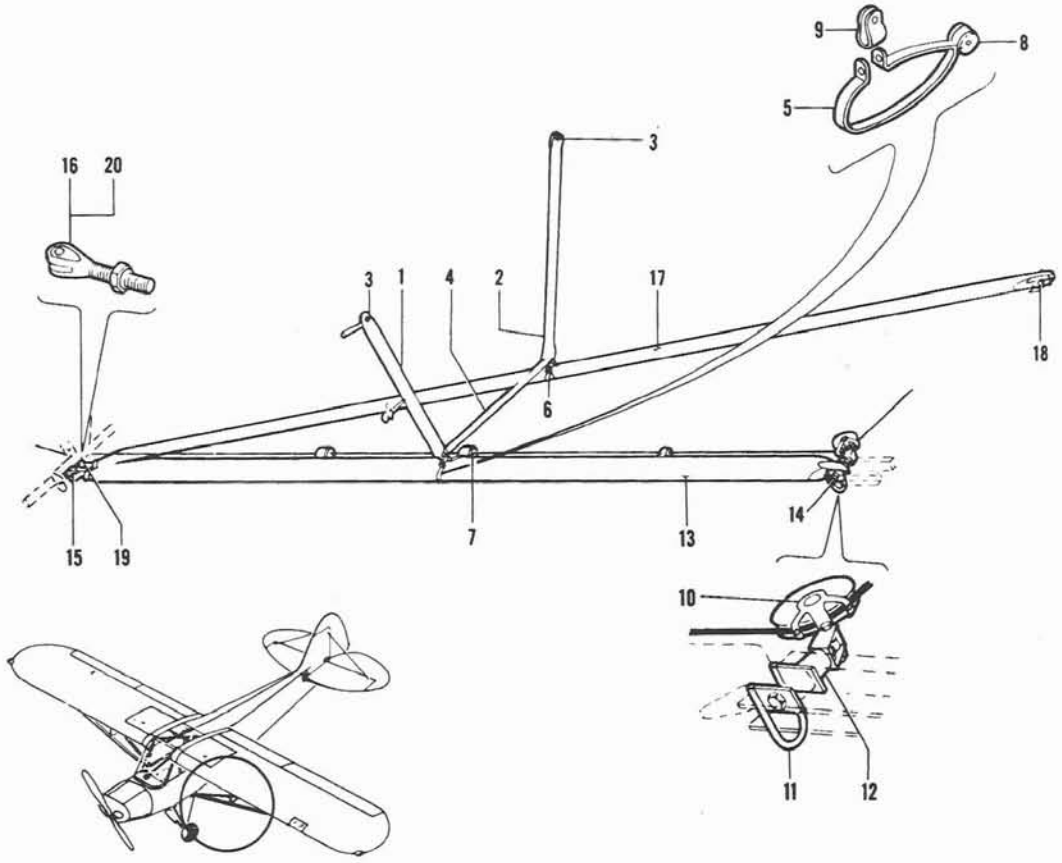


Figure 7. Strut Installation

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
-1	12931-00		STRUT - Jury, front (with pitot tube) "95", "105" and "125", LH	1	
	12571-02		STRUT - Jury, front, "135" and "150", LH	1	
	12571-02		STRUT - Jury, front, RH	1	
-2	12571-03		STRUT - Jury, rear	2	
-3	400 438		BOLT - (AN3-4A)	4	
	407 564		WASHER - (AN960-10)	4	
	406 681		NUT - (Elastic Stop Nut No. 22M02)	4	
-4	12591-02		TUBE - Jury strut spacer	2	
-5	10654-02		CLAMP ASSEMBLY - Front jury strut	2	
-6	10656-00		CLAMP - Rear jury strut	2	
-7	40081-00		RING - Snap, cable fairlead	4	
-8	40701-00		FAIRLEAD - Cable, segment	8	
-9	80002-41		CLAMP - Jury strut	4	
-10	10552-00		HOUSING ASSEMBLY - Pulley, LH	1	
	10552-01		HOUSING ASSEMBLY - Pulley, RH	1	
-11	12345-04		BRACKET ASSEMBLY - Tie down	2	
-12	15631-02		BUSHING - Spacer	2	
-13	10098-03		STRUT ASSEMBLY - Lift front	2	
-14	401 366		BOLT - (AN5-27A)	2	
	406 683		NUT - (Elastic Stop Nut No. 42E054)	2	
-15	13241-00		BOLT - Lift strut attachment	2	
	404 395		NUT - (AN320-6)	2	
	424 059		PIN - Cotter (AN380-3-3)	2	
-16	14481-00		FORK ASSEMBLY	1	
-17	10096-03		STRUT ASSEMBLY - Rear lift	2	
-18	401 355		BOLT - (AN5-14A)	2	
	407 566		WASHER - (AN960-516)	2	
	406 683		NUT - (42E054)	2	
-19	13241-00		BOLT - Lift strut attachment	2	
	404 395		NUT - (AN320-6)	2	
	424 059		PIN - Cotter (AN380-3-3)	2	
-20	14481-00		FORK ASSEMBLY	1	

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

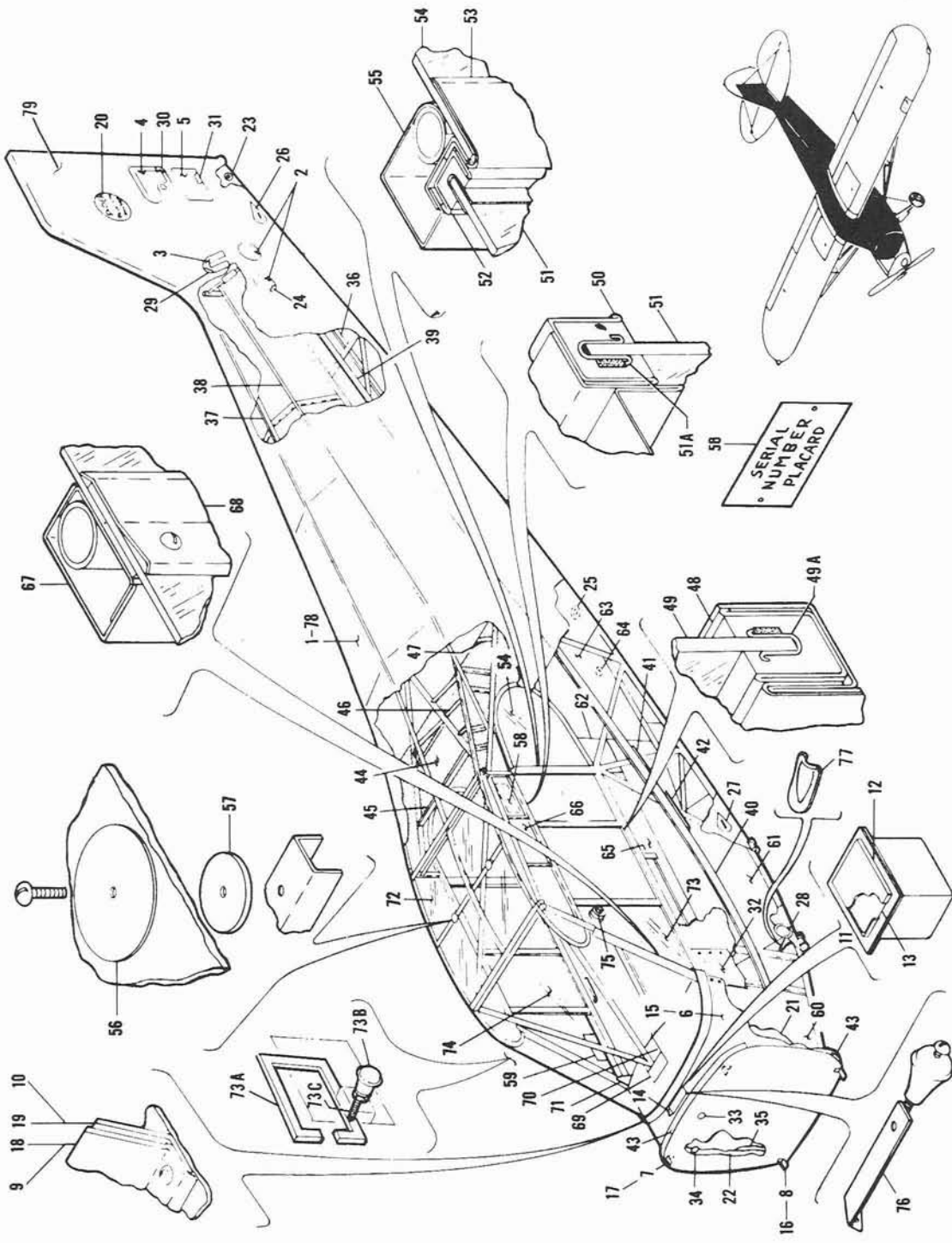


Figure 8. Covered Fuselage Assembly, Left View

SECTION II
Fuselage Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
8-	12545 13255 12552 13264 14486	A	DRAWING - Fuselage Assembly, Complete DRAWING - Fuselage Assembly, Complete DRAWING - Fabric Installation, Fuselage DRAWING - Fabric Installation, Fuselage DRAWING - Fuselage Assembly, Complete		(PA-18A only) (PA-18 only) 18-1 to 18-5294 (PA-18A only) (PA-18 only) 18-3771, 18-3781 and up (PA-18 only) 18-5295 and up
	14836		DRAWING - Fabric or Ceconite Installation, Fuselage		(PA-18 only) 18-5295 and up
-1	751 730		FUSELAGE ASSEMBLY - Fabric covered (with seat and floor) "95"	1	18-1 to 18-548 inclusive
	751 737		FUSELAGE ASSEMBLY - Fabric covered (with seat and floor) "105"	1	
	751 736		FUSELAGE ASSEMBLY - Fabric covered (with seat and floor) "95"	1	18-549 to 18-3013 inclusive
	751 738		FUSELAGE ASSEMBLY - Fabric covered (with seat and floor) "125"	1	(PA-18 only) 18-549 to 18-1969
	751 743		FUSELAGE ASSEMBLY - Fabric covered (with seat and floor) "135"	1	(PA-18 only) 18-1810 to 18-3013
	751 744		FUSELAGE ASSEMBLY - Fabric covered (with seat and floor) "125"	1	(PA-18A only) 18-1215 to 18-1969
	751 745		FUSELAGE ASSEMBLY - Fabric covered (with seat and floor) "135"	1	(PA-18A only) 18-1812 to 18-3013
	751 756		FUSELAGE ASSEMBLY - Fabric covered (with seat and floor) "95"	1	18-3014 and up
	751 754		FUSELAGE ASSEMBLY - Fabric covered (with seat and floor) "135"	1	(PA-18 only) 18-3014 to 18-3770, 18-3772 to 18-3780 inclusive
	751 755		FUSELAGE ASSEMBLY - Fabric covered (with seat and floor) "135"	1	(PA-18A only) 18-3014 to 18-3770, 18-3772 to 18-3785 inclusive
	751 765		FUSELAGE ASSEMBLY - Fabric covered (with seat and floor) "135" and "150"	1	(PA-18A only) 18-3771, 18-3786 and up
	751 766		FUSELAGE ASSEMBLY - Fabric covered (with seat and floor) "135" and "150"	1	(PA-18 only) 18-3771, 18-3781 to 18-8919 inclusive
	754 825		FUSELAGE ASSEMBLY - Ceconite covered (with seat and floor) "150"	1	18-8920 and up
-1a	459 110		ENVELOPE - Fuselage, ceconite	1	18-8920 and up
-1b	459 112		ENVELOPE - Vertical stabilizer, ceconite	1	18-8920 and up
-2	12761-02		COVER - Inspection	4	
	12761-02		COVER - Inspection (battery drain access)	1	(PA-18 only) 18-2850, 18-2857 and up (PA-18A only) 18-3640 and up
	12761-02		COVER - Inspection round, duster indicator installation	1	
-3	60571-00		COVER - Stabilizer yoke inspection, LH	1	
	60571-01		COVER - Stabilizer yoke inspection, RH	1	
-4	60742-00		PANEL - Tail inspection, LH	1	
	60742-01		PANEL - Tail inspection, RH	1	
-5	82461-00		COVER - Inspection, rectangular	1	(PA-18 only)
	82461-00		COVER - Inspection, rectangular	3	(PA-18A only)

A - Used on PA-18 airplanes with serial numbers 18-1 to 18-3770 inclusive, 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
8-6	12381-00		COWL ASSEMBLY - Fuselage, "105", "125" and "135"	1	18-1 to 18-2167 inclusive
	12381-02		COWL ASSEMBLY - Fuselage, "135" and "150"	1	18-2168 to 18-5938 inclusive
	12381-03		COWL ASSEMBLY - Fuselage, "150"	1	18-5939 to 18-8019 inclusive
	14849-02		COWL ASSEMBLY - Fuselage, "150"	1	18-8020 and up
-7	12379-02		ANGLE - Cowl attachment	2	
-8	12379-00		ANGLE - Cowl attachment	2	
-9	12377-00		STRIP - Windshield, front	1	
-10	12378-00		STRIP - Windshield, rear	1	
-11	14059-00		BOX ASSEMBLY - Cold air vent, "135" and "150"	1	18-2168 and up
-12	14060-00		VALVE - "135" and "150"	1	18-2168 and up
-13	14075-00		SEAL - "135" and "150"	1	18-2168 and up
-14	14061-00		GASKET - Seal, "135" and "150"	1	18-2168 and up
-15	10789-02	A	COWL ASSEMBLY - Fuselage, "95"	1	
	10789-03	B	COWL ASSEMBLY - Fuselage, "95"	1	
-16	10797-00	C	ANGLE - Cowl attachment	2	
-17	10796-00	C	ANGLE - Cowl attachment	2	
-18	10794-00	C	STRIP - Windshield, front	1	
-19	10793-00	C	STRIP - Windshield, rear	1	
-20	12763-00	D	DECAL - Fin (456 371)	2	18-1 to 18-548 inclusive
-21	10933-00		BLANKET - Cowl insulator, LH	1	
	10933-01		BLANKET - Cowl insulator, RH	1	
-22	10934-00		BLANKET - Cowl insulator, front	1	
-23	80122-53		GROMMET - Drain	1	
-24	80122-49		GROMMET	4	
	80122-49		GROMMET - Access	1	(PA-18 only) 18-2850, 18-2857 and up
	80122-49		GROMMET - Inspection, cover, round, duster indicator installation	1	(PA-18A only) 18-3640 and up
-25	80122-51		GROMMET - Battery drain vent inlet with sealed battery box installation	1	(PA-18 only)
	85012-49		GROMMET - Battery drain and vent outlet	1	(PA-18 only) 18-2850, 18-2857 and up
	80122-51		GROMMET - (Flap cable and fuel lines)	4	(PA-18A only) 18-3014 and up
-26	60863-03		GROMMET	2	
-27	60863-05		GROMMET	2	
-28	10984-00		GROMMET	2	
-29	10292-00		GROMMET	2	
-30	10293-00		GROMMET	2	
-31	80541-02		GROMMET - (3 per ship PA-18A)	4	
-32	12818-00		PANEL - Side, LH	1	
	12818-01		PANEL - Side, RH	1	
-33	80122-07		WASHER - Cowl attachment	3	
-34	80122-43		WASHER - Fibre	4	

A - Used on PA-18 "95" airplanes with serial numbers 18-1 to 18-5938 inclusive.
 B - Used on PA-18 "95" airplanes with serial numbers 18-5939 and up.
 C - Used on PA-18 "95" airplanes with serial numbers 18-1 and up.
 D - Piper insignia on PA-18 and PA-18A airplanes with serial numbers 18-549 and up put on with silk screen.

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
8-35	24032-09	E	COVER - Firewall, leather, brown	1	
	24032-18	F	COVER - Firewall, leather, green	1	
	24032-22		COVER - Firewall, blanket, black	1	18-3771, 18-3781 and up
-36	14978-00		STRINGER - Bottom	1	
-37	14983-03		STRINGER - Top	1	(PA-18 only)
-38	14984-02		STRINGER - Top, LH and RH	2	(PA-18 only)
	21621-27		STRINGER - Top, LH and RH	2	(PA-18A only)
-39	12735-03	A	STRINGER - Side, rear, LH, "161"	1	
	14979-00	B	STRINGER - Side, LH, "157"	1	
	14979-00		STRINGER - Side, RH, "157"	1	
-40	12735-02	A	STRINGER - Side, front, LH, "22"	1	
-41	11473-02	A	PLATE - Spacer, LH	2	
-42	11473-32	A	PLATE - Spacer, LH	1	
-43	180 810		WEBBING - Cowl (83891)	4	
-44	12448-00		HEADLINING ASSEMBLY - Cockpit	1	(PA-18 only) 18-1 to 18-3013 inclusive
	12448-03		HEADLINING ASSEMBLY - Cockpit	1	(PA-18 only) 18-3014 and up
-45	12193-10		CHANNEL - No. 1, headlining arch	1	(PA-18 only)
-46	12193-09		CHANNEL - No. 2, headlining arch	1	(PA-18 only)
-47	12193-08		CHANNEL - No. 3, headlining arch	1	(PA-18 only)
-48	11432-11		CHANNEL - Weatherstrip	1	
-49	12254-00		WINDOW ASSEMBLY - Sliding, front	1	
-49a	11648-02		CHANNEL - Weatherstrip	2	
-50	11432-10		CHANNEL - Weatherstrip	1	
-51	12255-00		WINDOW ASSEMBLY - Sliding rear	1	
-51a	11648-02		CHANNEL - Weatherstrip	2	
-52	11432-09		CHANNEL - Weatherstrip, front and rear	2	
-53	12259-00		TRIM STRIP - Sliding window, exterior	1	
-54	10545-00		WINDOW - Rear enclosure	2	
-55	13091-00		TRIM STRIP - Sliding window, interior	1	
-56	81342-45		WASHER	2	
-57	85012-14		WASHER	2	
-58	85411-00	C	PLACARD - Serial number	1	
	13468-00	D	PLACARD - Serial number	1	
	13988-00		PLACARD - Operation limitation	1	(PA-18A only)
-59	13659-00		PLACARD - Restricted category, upper door	1	(PA-18A only)
-60	10776-02		PANEL - Cockpit, front, LH	1	
-61	12308-03		PANEL - Cockpit, center, "95", LH	1	
	12308-05		PANEL - Cockpit, center, "105", "135" and "150", LH	1	(PA-18 only)
	13274-00		PANEL - Cockpit, center, LH	1	(PA-18A only)
<p>A - Used on airplanes with serial numbers 18-1 to 18-771 inclusive, 18-773, 18-776 and 18-778.</p> <p>B - Used on airplanes with serial numbers 18-772, 18-774, 18-775, 18-779 and up.</p> <p>C - Used on PA-18 airplanes 18-1 to 18-1280 inclusive and PA-18A airplanes 18-1262 to 18-1269 inclusive.</p> <p>D - Used on PA-18 airplanes 18-1281 and up and on PA-18A airplanes 18-1270 and up.</p> <p>E - Used on airplanes with serial numbers 18-1 to 18-3770 inclusive and 18-3772 to 18-3780 inclusive.</p> <p>F - Used on airplanes with serial numbers 18-3014 to 18-3770 inclusive, 18-3772 to 18-3780 inclusive.</p>					

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
8-62	12314-00		PANEL ASSEMBLY - Rear of throttle panel, LH	1	(PA-18 only)
	12314-04		PANEL ASSEMBLY - Rear of throttle panel, LH	1	(PA-18A only)
-63	12444-00		PANEL - Cockpit, rear, LH	1	(PA-18 only)
	13252-00		PANEL - Cockpit, rear, LH	1	(PA-18A only)
-64	434 138		GROMMET - (AN931-10-14)	1	(PA-18A only)
-65	12309-00		PANEL ASSEMBLY - Throttle control "105", "125", "150" "135" (Used when electrical equipment is not installed, "95") LH	1	
	12309-04		PANEL ASSEMBLY - Throttle control, "95" (When electrical equipment is installed)	1	
-66	12617-00		PANEL - Upper trim, LH	1	
	12617-04	A	PANEL - Upper trim, LH	1	18-8020 and up
-67	12261-00		TRIM STRIP - Windshield, interior, LH	1	
	12260-00		TRIM STRIP - Windshield, interior, RH	1	(PA-18 only)
	14490-00		TRIM STRIP - Windshield, interior, RH	1	(PA-18A only)
-68	12264-00		TRIM STRIP - Windshield, exterior, LH	1	
	12264-01		TRIM STRIP - Windshield, exterior, RH	1	
-69	13373-02		PLATE - Trim, "105", "125", "135" and "150"	1	18-549 and up
-70	13373-03		PLATE - Trim, "105", "125" and "135"	1	18-549 and up
	13373-03		PLATE - Trim, "150"	1	18-549 to 18-8019 inclusive
	13373-04		PLATE - Trim, "150"	1	18-8020 and up
-71	11994-22		GUSSET - Front enclosure, inside	1	18-1970 and up
-72	13433-00		WINDOW - Top deck	1	(PA-18 only) 18-1 to 18-3013 inclusive
	12249-00		WINDOW - Top deck	1	(PA-18A only) 18-1215 to 18-3013 inclusive
	13433-02		WINDOW ASSEMBLY - Top deck, tinted	1	(PA-18 only) 18-3014 and up
	12249-02		WINDOW ASSEMBLY - Top deck, tinted	1	(PA-18A only) 18-3014 and up
-73	12253-00		WINDOW - Front, LH	1	18-1 to 18-3013 inclusive
	14275-00		WINDOW ASSEMBLY - Front, left	1	18-3014 and up
-73a	13914-00		GASKET - Ventilator	1	18-3014 and up
-73b	471 059		KNOB - Ventilator	1	18-3014 and up
-73c	13903-00		SCREW - Ventilator assembly	1	18-3014 and up
-74	12248-00		WINDSHIELD - "95"	1	
	12430-00		WINDSHIELD - "105", "125", "135" and "150"	1	
-75	751 145		GAUGE - Air temperature	1	
-76	13483-00		ARM ASSEMBLY - Air vent control, "135" and "150"	1	18-2168 and up
-77	14435-00		COVER - Brake line	2	18-3014 and up

A - Used when Gyro Instrument Panel is installed.

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

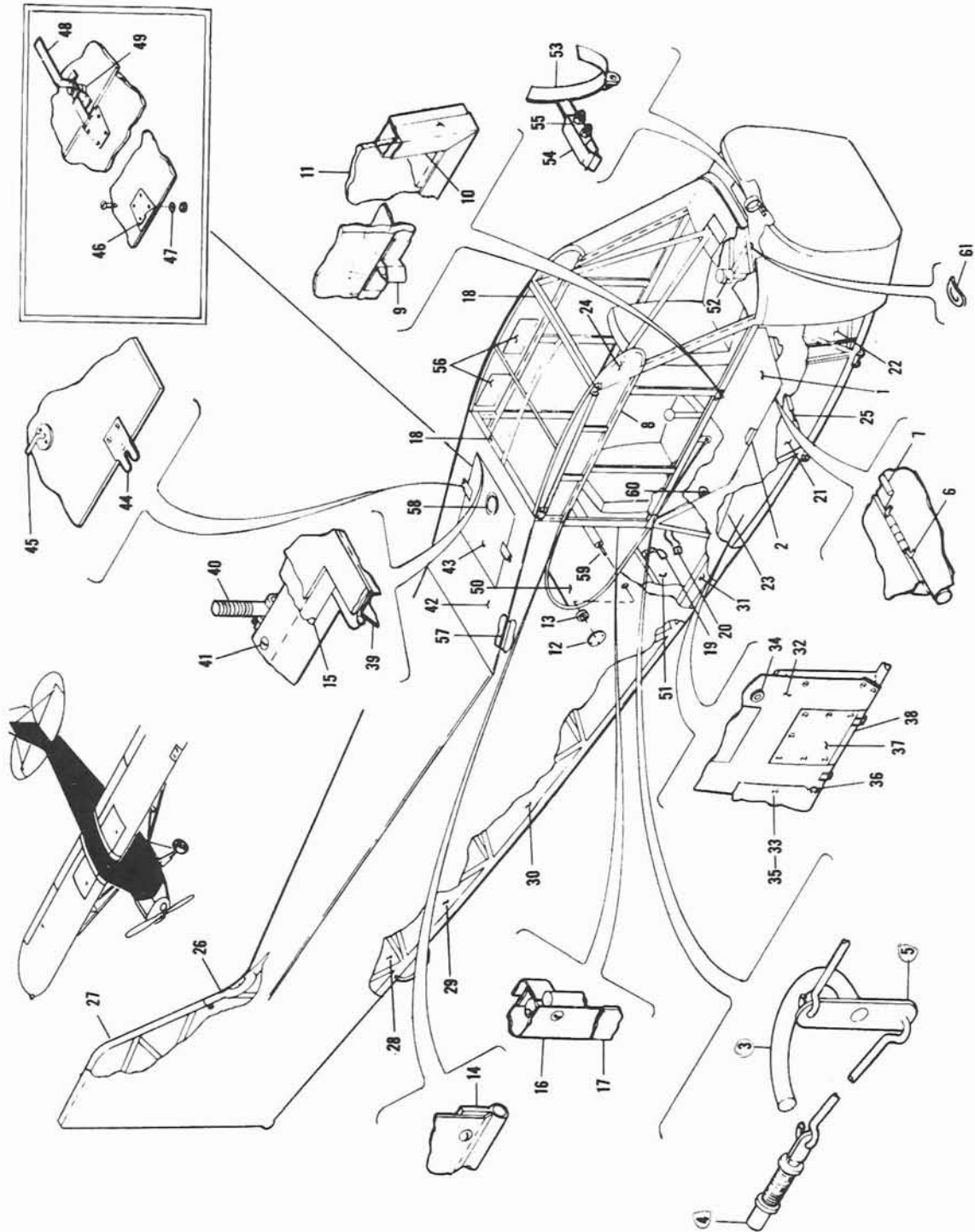


Figure 9. Covered Fuselage Assembly, Right View

SECTION II
Fuselage Group

COVERED FUSELAGE ASSEMBLY

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
9-1	50183-04		DOOR ASSEMBLY - Fuselage, fabric covered and doped	1	18-1 to 18-5863 inclusive
	50183-07		DOOR ASSEMBLY - Fuselage, fabric covered and doped	1	18-5864 to 18-8919 inclusive
	50183-11		DOOR ASSEMBLY - Fuselage, ceconite covered and doped	1	18-8920 and up
-2	12257-00		FRAME ASSEMBLY	1	18-1 to 18-5863 inclusive
	12257-12		FRAME ASSEMBLY	1	18-5864 and up
-3	50173-12		HANDLE	1	18-1 to 18-3013 inclusive
	14216-00		HANDLE ASSEMBLY - Aluminum (NOTE: This handle used on all replacement doors)	1	18-3014 and up
-4	50131-00		PLUNGER ASSEMBLY - Complete	2	
-5	50192-00		LINK ASSEMBLY	1	
-6	86092-15		PIN - Hinge	2	
-7	52841-00		WEATHERSTRIP ASSEMBLY - Lower door (brown)	1	18-1 to 18-3013 inclusive
	52841-07		WEATHERSTRIP ASSEMBLY - Lower door (green)	1	18-3014 and up
	52841-13		WEATHERSTRIP ASSEMBLY - Enclosure door (cadillac red)	1	18-4618 to 18-5803 inclusive, 18-5805 to 18-6115 inclusive
	52841-10		WEATHERSTRIP ASSEMBLY - Enclosure door (red)	1	18-3771, 18-3786 to 18-4617
	52841-19		WEATHERSTRIP ASSEMBLY - Enclosure door (red)	1	18-5804, 18-6116 to 18-7520
	52841-22		WEATHERSTRIP ASSEMBLY - Enclosure door (red)	1	18-7521 and up
-8	12256-00		DOOR ASSEMBLY - Upper	1	18-1 to 18-231 inclusive
	12256-10		DOOR ASSEMBLY - Upper	1	(PA-18 only) 18-232 and up
	12256-11		DOOR ASSEMBLY - Upper	1	(PA-18A only)
-9	83481-00		STUD - Door catch	1	
-10	10049-02		TRIM STRIP - Front	1	
-11	12279-00		WINDOW	1	
-12	13254-00		PLATE - Access, rear support fitting	2	(PA-18A only)
-13	85012-49		GROMMET - Access plate	2	(PA-18A only)
-14	187 610		MOULDING - Upper and lower enclosure doors (Die No. 1923 Cont. Rubber Works)	9*	
-15	187 536		MOULDING - Hopper cover (PAC No. 14157)	7*	(PA-18A only)
-16	12266-03		STRIP - Moulding attachment	1	18-1 to 18-548 inclusive
	13093-00		STRIP - Moulding attachment	1	18-549 and up
-17	10668-00		TRIM STRIP - Window, rear	1	
-18	12265-00		TRIM STRIP - Window installation, top deck	2	
-19	12036-03		STRAP ASSEMBLY - Baggage, tip end	1	(PA-18 only)
-20	12036-02		STRAP ASSEMBLY - Baggage, buckle end	1	(PA-18 only)
-21	10930-00		PANEL - Cockpit, center, RH	1	(PA-18 only)
	13258-00		PANEL - Cockpit, center, RH	1	(PA-18A only)
-22	12311-00		PANEL - Cockpit, front, RH	1	
-23	12445-00		PANEL - Cockpit, rear, RH	1	(PA-18 only)
	13259-02		PANEL - Cockpit, rear, RH	1	(PA-18A only)
-24	12618-00		PANEL - Cockpit, upper right (when electrical equipment is not installed) "95", "105" and "125"	1	
	12618-02	A	PANEL - Cockpit, upper right (when electrical equipment is installed) "95", "105" and "125"	1	
	12618-03	B	PANEL - Cockpit, upper right, fuel gauge indicator (when electrical equipment is not installed)	1	
			A - Used on PA-18 airplanes 18-1 to 18-3770 inclusive and 18-3772 to 18-3785 inclusive and on PA-18A airplanes 18-1215 to 18-1969 inclusive.		
			B - Used when the fuel tank is installed in the right wing.		

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Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
9-24	12618-04	AB	PANEL - Cockpit, upper right (when electrical equipment is installed)	1	18-3771, 18-3781 and up
	14337-02	BC	PANEL - Cockpit, upper right (when electrical equipment is installed) "135" and "150"	1	
	14337-03	F	PANEL - Cockpit, upper right (when electrical equipment is installed) "95"	1	
-25	180 497		FELT - Chafing, SAE F-50, .065 x 1/2"	19	
-26	60602-00		FAIRING - Fin leading edge	1	
-27	40592-00		FIN ASSEMBLY - Uncovered	1	
-28	13265-00	DG	PANEL - Fuselage, bottom, No. 1	1	
-29	13266-00	DG	PANEL - Fuselage, bottom, No. 2	1	
-30	13267-00	DG	PANEL - Fuselage, bottom, No. 3	1	
-31	13268-00	DG	PANEL - Fuselage, bottom, No. 4	1	
-32	13269-00	DG	PANEL - Fuselage, bottom, No. 5 (H)	1	
-33	487 563	DG	STUD - No. 5-0-140	13	
	463 368	DG	GROMMET - GO-5-93	13	
-34	434 142	DG	GROMMET - (AN931-14-20)	1	
-35	487 288	DG	FASTENER - Bottom fuselage panel (Lion spring No. 5-295)	13	
-36	85012-47	DG	WASHER - Fibre, bottom panel installation	48	
-37	13260-00	DG	PANEL - Cover, bottom hopper opening	2	
-38	13262-00	DG	FAIRING - Fuselage (at bottom, outside hopper opening) LH	1	
	13263-00	DG	FAIRING - Fuselage (at bottom, outside hopper opening) RH	1	
-39	13257-00	D	FRAME ASSEMBLY - Hopper opening	1	
-40	13301-00	E	ROD - Hopper door attachment (threaded)	2	
-41	406 779	D	NUT - Anchor (Boot No. W2SE1032)	36	
-42	13256-00	E	COVER ASSEMBLY - Hopper, top deck	1	
	14100-00	HJ	COVER ASSEMBLY - Hopper, top deck	1	
			A - Used on PA-18 airplanes with serial numbers 18-1 to 18-4308 inclusive, 18-4311 to 18-4345 inclusive, and 18-4347 to 18-4361 inclusive.		
			B - Used when the fuel tank is installed in the right wing.		
			C - Used on PA-18 airplanes with serial numbers 18-4309, 18-4310, 18-4346, 18-4362 and up.		
			D - Used on PA-18A airplanes with serial numbers 18-1215 and up.		
			E - Used on PA-18A airplanes with serial numbers 18-1262 to 18-2477 inclusive, 18-2480, 18-2481, 18-2484, 18-2485, 18-2489, 18-2490, 18-2492, 18-2497, 18-2498, 18-2506 and 18-2507.		
			F - Used on PA-18 "95" airplanes with fuel tank in left wing only.		
			G - Used on PA-18 airplanes with serial numbers 18-3771, 18-3781 and up if airplane incorporates metal belly panels.		
			H - Used on PA-18A airplanes with serial numbers 18-2478, 18-2479, 18-2482, 18-2483, 18-2486, 18-2487, 18-2488, 18-2491, 18-2493, 18-2494, 18-2495, 18-2496, 18-2499 to 18-2505 inclusive and 18-2508 and up.		
			J - Providing your aircraft is not equipped with filler neck and cap, it will be necessary to order cap, Part No. 14102-00 when ordering these parts.		

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
9-43	13308-00	C	DOOR ASSEMBLY - Hopper, top deck	1	
	13308-10	AB	DOOR ASSEMBLY - Hopper, top deck	1	
-44	13307-00	C	FITTING - Door attachment	2	
-45	13644-00	D	VENT ASSEMBLY - Hopper	1	
-46	14092-00	A	CATCH - Door	2	
-47	85012-76	A	WASHER - Door catch attachment	4	
-48	464 018	A	HANDLE - Door (No. 2002)	2	
-49	453 364	A	BRACKET - Handle attachment (No. 2002B)	2	
-50	13471-00	E	PANEL - Baggage compartment, rear	1	
	13471-02		PANEL - Baggage compartment, rear (when electrical equipment is installed)	1	(PA-18 only) 18-665 to 18-3013 inclusive
	13283-03		PANEL - Baggage compartment, rear (when electrical equipment is not installed)	1	(PA-18A only) 18-1215 to 18-3013 inclusive
	13283-00		PANEL - Baggage compartment, rear (when electrical equipment is installed)	1	(PA-18A only) 18-1215 to 18-3013 inclusive
	14221-03		PANEL - Baggage compartment, rear (when electrical equipment is not installed)	1	(PA-18A only) 18-3014 and up
	14221-00		PANEL - Baggage compartment, rear (when electrical equipment is installed)	1	(PA-18A only) 18-3014 and up
	13471-03		PANEL - Baggage compartment, rear	1	(PA-18 only) 18-3014 and up
-51	12284-00		PANEL - Baggage compartment, bottom (when electrical equipment is installed)	1	(PA-18 only) 18-1 to 18-664 inclusive
	12284-02		PANEL - Baggage compartment, bottom (when electrical system is not installed, and on all airplanes with serial numbers 18-665 and up when electrical equipment is installed)	1	
<p>A - Used on PA-18A airplanes with serial numbers 18-2478, 18-2479, 18-2482, 18-2483, 18-2486, 18-2487, 18-2488, 18-2491, 18-2493, 18-2494, 18-2495, 18-2496, 18-2499 to 18-2505 inclusive and 18-2508 and up.</p> <p>B - Providing your aircraft is not equipped with filler neck and cap, it will be necessary to order cap part number 14102-00 when ordering these parts.</p> <p>C - Used on PA-18A airplanes with serial numbers 18-1262 to 18-2477 inclusive, 18-2480, 18-2481, 18-2484, 18-2485, 18-2489, 18-2490, 18-2492, 18-2497, 18-2498, 18-2506 and 18-2507.</p> <p>D - Used on PA-18A airplanes with serial numbers 18-1262 to 18-2492 inclusive, 18-2495, 18-2497, 18-2498, 18-2500, 18-2501, 18-2502, 18-2505 to 18-2508 inclusive.</p> <p>E - Used on PA-18 airplanes with serial numbers 18-1 to 18-664 inclusive, and on all PA-18 airplanes with serial numbers 18-665 to 18-3013 inclusive when electrical equipment is not installed, and on all PA-18 "95" airplanes up to and including 18-3013.</p>					

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
9-52	12855-00		LOCK - Control stick (used when no radio is installed)	1	
	14582-00		LOCK - Control stick (used when Lear LTRA-5, LTRA-6, NARCO VTLR-1, VTLR-2, VHT-1 and VTR-1 are installed)	1	
	13364-00		LOCK - Control stick (used when Bendix Radio PAT-50 Transmitter and PAR-70A Receiver and PATR-10A is installed)	1	
	14838-00		LOCK - Control stick (used when Piper PTR-1 is installed)	1	18-8020 and up
-53	11299-04		CLAMP ASSEMBLY - Control stick lock (used when no radio is installed)	1	
	13367-00		CLAMP ASSEMBLY - Control stick lock (used when Bendix PAT-50 Transmitter and PAR-70A Receiver and PATR-10A is installed)	1	
-54	83491-00		CATCH - Control lock	1	18-1 to 18-5294 inclusive
-55	13437-00		BRACKET - Control lock catch attachment (used when Lear LTRA-5, LTRA-6, NARCO VTIR-2 and VTR-1 are installed)	1	18-1 to 18-5294 inclusive
-56	13614-02		ENVELOPE ASSEMBLY - Airworthiness certificate and operations limitations	2	(PA-18A only) 18-1215 to 18-3770, 18-3772 to 18-3785 inclusive
	13614-07		ENVELOPE ASSEMBLY - Airworthiness certificate and operations limitations	2	(PA-18A only) 18-3771, 18-3786 and up
-57	406 863		RIVNUT - (A8K75) Hopper cover attachment	25	
-58	454 035	A	CAP - Top deck door (when hopper not installed) (No. CD-297)	1	
-59	13284-02		ROD - Attachment, rear seat	1	(PA-18A only)
-60	13645-00		BUMPER - Rubber, hopper protector at rear seat tube, RH	1	(PA-18A only)
	13945-23		STRIP - Rubber top deck window installation, rear	2	(PA-18A only) 18-3014 and up
-61	408 813		WASHER - Control lock installation (#3535-10-02)	4	18-3771, 18-3781 to 18-8019 inclusive
			A - Used on PA-18A airplanes with serial numbers 18-2493, 18-2494, 18-2496, 18-2499, 18-2503, 18-2504, 18-2509 and up.		

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

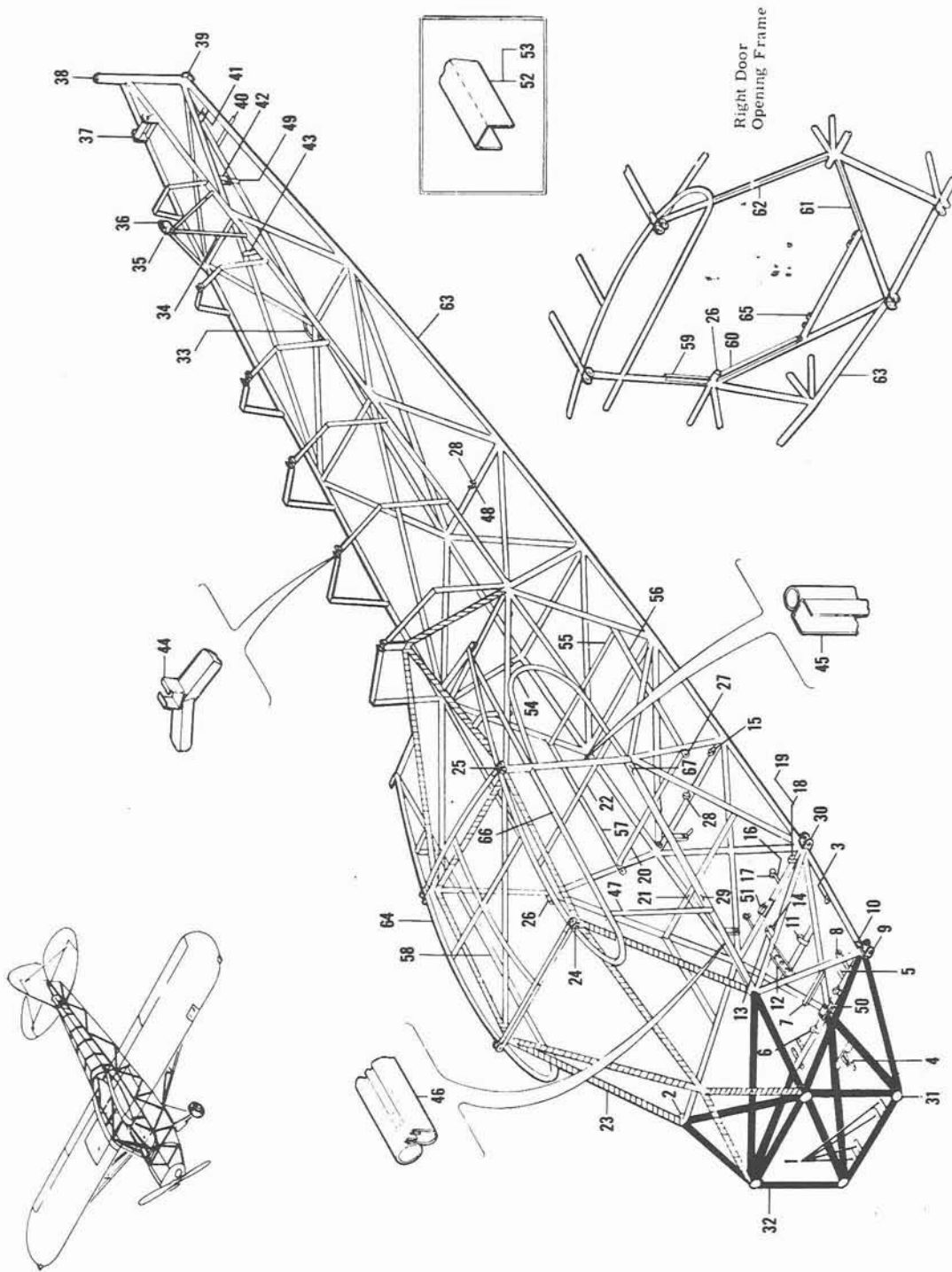


Figure 10. Fuselage Frame Assembly

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
10-	12446 13250 12183 13220		DRAWING - Fuselage Frame and Super Structure DRAWING - Fuselage Frame and Super Structure DRAWING - Frame Assembly, Fuselage DRAWING - Frame Assembly, Fuselage		(PA-18 only) (PA-18A only) (PA-18 only) (PA-18A only)
-1	24121-02		FITTING - Rudder pedal attachment, front	4	
-2	21752-03		STOP ASSEMBLY - Fuselage door, front	1	
-3	24101-00		FITTING - Floorboard attachment (8 per ship PA-18A)	6	
-4	12179-00		BRACKET - Elevator cable pulley	2	
-5	24121-03		FITTING - Rudder pedal attachment, rear	4	
-6	10466-09		FITTING - Clamp, front seat installation, front	2	
-7	10134-00		CHANNEL - Brake unit support	1	
-8	12777-00		FITTING ASSEMBLY - Flap lever	1	
-9	21272-02 21272-03	A	FITTING ASSEMBLY - Landing gear, front FITTING ASSEMBLY - Landing gear, front	2 2	18-3771, 18-3781 and up
-10	81272-15		GUSSET - Front landing gear fitting	2	
-11	81332-09		FITTING - Clamp, front seat installation, rear	2	
-12	12835-00 14308-00	B C	PLATE - Fuel shut off valve, mounting PLATE - Fuel shut off valve, mounting	1 1	
-13	21571-01		BRACKET - Stabilizer adjustment crank, right	1	
-14	21571-00		BRACKET - Stabilizer adjustment crank, left	1	
-15	11692-02		BRACKET - Rudder cable pulley	2	
-16	20841-00 20841-01		STOP - Torque tube horn, left STOP - Torque tube horn, right	1 1	
-17	85061-00		CAPSCREW - Stop	2	
-18	20951-00 20951-01		PLATE - Fuselage aileron pulley housing, rear left PLATE - Fuselage aileron pulley housing, rear right	1 1	
-19	20961-00 20961-01		PLATE - Fuselage aileron pulley housing, front left PLATE - Fuselage aileron pulley housing, front right	1 1	
-20	12178-03		TUBE - Rear seat bottom, rear	1	(PA-18 only)
-21	12178-02		TUBE - Rear seat bottom, front	1	(PA-18 only)
-22	10818-00		TUBE - Square, rear seat back	1	(PA-18 only)
-23	752 987 752 978		TOP DECK SECTION ASSEMBLY - Fuselage frame TOP DECK SECTION ASSEMBLY - Fuselage frame	1 1	(PA-18A only) (PA-18 only)
-24	12767-00 12767-01		FITTING - Wing hinge, front left FITTING - Wing hinge, front right	1 1	
-25	11821-00 11821-01		FITTING - Wing hinge, rear left FITTING - Wing hinge, rear right	1 1	
-26	21752-02		STOP ASSEMBLY - Fuselage door, rear	1	
-27	11829-03		FITTING - Rear safety belt attachment	2	
-28	11692-00		BRACKET - Elevator cable pulley	2	
-29	10565-00		BRACKET ASSEMBLY - Throttle (with tube)	1	
			A - Used on airplanes with serial numbers 18-1 to 18-3770, 18-3772 to 18-3780 inclusive. B - Used on airplanes with serial numbers 18-1 to 18-3301 inclusive, 18-3303, 18-3305, 18-3309, 18-3315 and 18-3317 to 18-3380 inclusive. C - Used on airplanes with serial numbers 18-3302, 18-3304, 18-3306, 18-3307, 18-3308, 18-3310, 18-3311, 18-3312, 18-3313, 18-3316, 18-3381 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
10-30	12184-02		FITTING - Landing gear and lift strut, left rear	1	
	12184-03		FITTING - Landing gear and lift strut, right rear	1	
-31	82341-02		BUSHING - Engine mount bulkhead	4	
-32	751 376		BULKHEAD SECTION ASSEMBLY - Fuselage frame	1	
-33	20652-00		HANDLE - Fuselage fitting (2 per ship PA-18A)	1	
-34	80022-20		BEARING - Stabilizer screw, lower	1	
-35	20491-03		BEARING - Stabilizer screw, upper	1	
-36	20491-02		BRACKET - Fin, front post attachment	1	
-37	21161-00		SUPPORT ASSEMBLY - Stabilizer	1	
-38	22412-00		TAIL POST ASSEMBLY	1	
-39	20611-00	A	FITTING - Tail wheel spring attachment	1	
	20611-02	B	FITTING - Tail wheel spring attachment	1	
-40	80292-15		FITTING - Tail tie rod attachment	2	
-41	20631-00		FITTING - "U", tail wheel spring attachment	1	
-42	11692-02		BRACKET - Lower bungee cable pulley attachment, seaplane, "105"	1	
-43	20551-00		BRACKET - Stabilizer adjustment idler	1	18-1 to 18-548 inclusive
-44	20391-00		CLIP - Stringer attachment (17 per ship PA-18A)	25	
-45	12205-06		CHANNEL - Window	1	
-46	10061-00		CHANNEL - Window, front, bottom, LH	1	
-47	12206-00		CHANNEL - Window	1	
-48	12180-00		BRACKET - Elevator cable pulley, lower	1	
-49	11207-03		GUARD - Bungee cable pulley, "105"	1	
-50	20981-02		BRACKET ASSEMBLY - Torque tube, front bearing	1	
-51	20751-00		BRACKET ASSEMBLY - Torque tube, rear bearing	1	
-52	750 283		CHANNEL - "U" steel 3/8" x .020 (6' pieces)		
-53	750 284		CHANNEL - "U" steel 1/4" x .016 (6' pieces)		
-54	10058-00		CHANNEL - Rear window	2	
-55	11408-12		ANGLE - Baggage compartment support, rear	1	(PA-18 only)
-56	11408-14		ANGLE - Baggage compartment support, LH	1	(PA-18 only)
-57	11408-13		ANGLE - Baggage compartment support, RH	1	(PA-18 only)
-58	12205-02		CHANNEL - Upper enclosure door, top	1	
-59	12205-05		CHANNEL - Upper enclosure door, rear	1	
-60	12205-04		CHANNEL - Lower enclosure door, rear	1	
-61	12205-03		CHANNEL - Lower enclosure door, front	1	
-62	12202-00		CHANNEL - Windshield, LH	1	
	12200-00		CHANNEL - Windshield, RH	1	
-63	12446-03		FUSELAGE FRAME AND SUPER STRUCTURE ASSEMBLY	1	(PA-18 only) 18-549 to 18-3013 inclusive
	13250-00		FUSELAGE FRAME AND SUPER STRUCTURE ASSEMBLY	1	(PA-18A only) 18-1215 to 18-3013 inclusive
	12446-00		FUSELAGE FRAME AND SUPER STRUCTURE ASSEMBLY	1	18-1 to 18-548 inclusive
			A - Used on airplanes with serial numbers 18-1 to 18-848 inclusive, 18-969 to 18-998 inclusive, 18-1027 to 18-1038 inclusive, 18-1040 to 18-1056 inclusive and 18-1058.		
			B - Used on airplanes with serial numbers 18-849 to 18-968 inclusive, 18-999 to 18-1026 inclusive, 18-1039, 18-1057, 18-1059 and up.		

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Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
10-63	12446-05	A	FUSELAGE FRAME AND SUPER STRUCTURE ASSEMBLY	1	
	13250-02	B	FUSELAGE FRAME AND SUPER STRUCTURE ASSEMBLY	1	
	12446-06	C	FUSELAGE FRAME AND SUPER STRUCTURE ASSEMBLY	1	
	12446-07	E	FUSELAGE FRAME AND SUPER STRUCTURE ASSEMBLY	1	
	13250-03	D	FUSELAGE FRAME AND SUPER STRUCTURE ASSEMBLY	1	
-64	752 979		TOP DECK SECTION ASSEMBLY - Fuselage super structure	1	(PA-18 only)
	752 988		TOP DECK SECTION ASSEMBLY - Fuselage super structure	1	(PA-18A only)
-65	10300-02		HINGE - Lower enclosure door	2	
-66	12203-00		CHANNEL - Sliding window, bottom	1	
-67	11546-02		CHANNEL - Sliding window, bottom	1	
<p>A - Used on PA-18 airplanes with serial numbers 18-3014 to 18-3770 inclusive, 18-3772 to 18-3780 inclusive.</p> <p>B - Used on PA-18A airplanes with serial numbers 18-3014 to 18-3770 inclusive, 18-3772 to 18-3780 inclusive.</p> <p>C - Used on PA-18 airplanes with serial numbers 18-3771, 18-3781 and up.</p> <p>D - Used on PA-18A airplanes with serial numbers 18-3771, 18-3786 and up.</p> <p>E - Used on PA-18 airplanes with serial numbers 18-3771, 18-3781 and up if airplane incorporates metal belly panels.</p>					

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

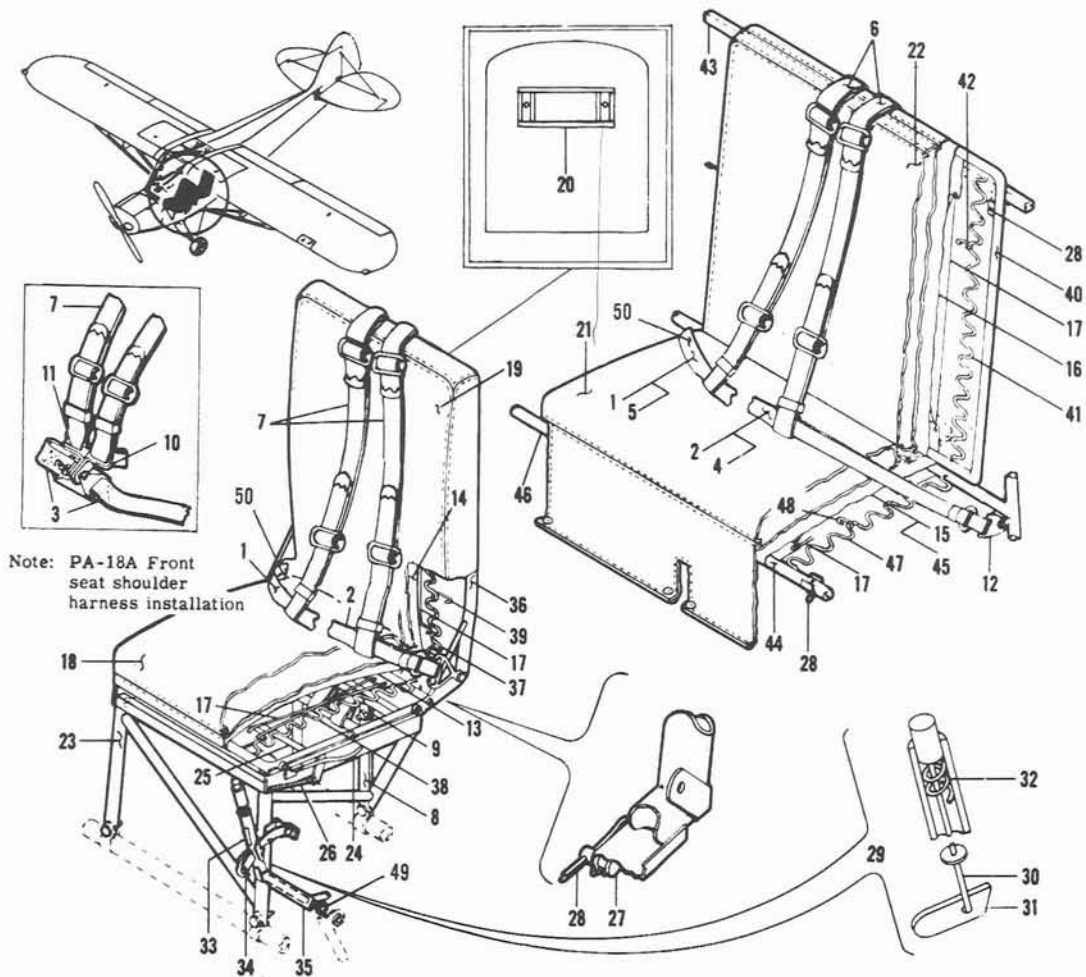


Figure 11. Seats Installation

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
11-	12615		DRAWING - Shoulder Harness and Seats Installation		(PA-18 only) 18-1 to 18-3013 inclusive
	13275		DRAWING - Shoulder Harness and Seats Installation		(PA-18A only) 18-1215 to 18-5803, 18-5805 to 18-6115 inclusive
	14214		DRAWING - Shoulder Harness and Seats Installation		(PA-18 only) 18-3014 to 18-5803, 18-5805 to 18-6115 inclusive
	14949		DRAWING - Shoulder Harness and Seats Installation		(PA-18A only) 18-6118 and up
	14950		DRAWING - Shoulder Harness and Seats Installation		(PA-18 only) 18-5804, 18-6116 and up
-1	451 341	A	BELT ASSEMBLY - Safety, front and rear, tip end (13409-05), RH	2	
-2	451 340	A	BELT ASSEMBLY - Safety, front and rear, buckle end (13409-04), LH	2	
-3	451 342		BELT ASSEMBLY - Safety, front seat (AN type B-14) (buckle and tip end)	1	(PA-18A only)
-4	451 338		BELT ASSEMBLY - Safety, rear, left buckle end (13409-02)	1	(PA-18A only) 18-1215 to 18-3013 inclusive
-5	451 339		BELT ASSEMBLY - Safety, rear, right tip end (13409-03)	1	(PA-18A only) 18-1215 to 18-3013 inclusive
-6	13129-03		STRAP ASSEMBLY - Rear	2	(PA-18 only) 18-1 to 18-4617 inclusive
	13129-10		STRAP ASSEMBLY - Rear, gray	2	18-4618 and up
-7	13129-02		STRAP ASSEMBLY - Front	2	
	13129-09		STRAP ASSEMBLY - Front, gray	2	18-4618 and up
-8	13300-00		BRACKET ASSEMBLY - Front strap installation	1	
-9	13305-00		CLAMP - Front strap installation	2	
-10	472 682		LINK - Shoulder harness attachment (No. 43B6034) to safety belt, RH	1	(PA-18A only)
-11	472 683		LINK - Shoulder harness attachment (No. 43B6034-1) to safety belt, LH	1	(PA-18A only)
-12	480 929		PLATE - Safety belt attachment (D764 Russell Mfg. Co.)	2	(PA-18 only)
-13	12290-00		CANVAS ASSEMBLY - Front seat, bottom	1	18-1 to 18-5294 inclusive
-14	12839-03		CANVAS ASSEMBLY - Front seat, back	1	18-1 to 18-5294 inclusive
-15	12286-00		CANVAS ASSEMBLY - Rear seat, bottom	1	18-1 to 18-5294 inclusive
-16	12287-00		CANVAS ASSEMBLY - Rear seat, back	1	18-1 to 18-5294 inclusive
-17	180 430		TAPE - Cotton reinforcement (Herring bone weave) 3/8" (used for lacing canvas to seat) (38 feet per ship PA-18A)	33'	18-1 to 18-5294 inclusive
-18	12294-00	B	CUSHION ASSEMBLY - Front seat, bottom, brown	1	
	12294-08		CUSHION ASSEMBLY - Front seat, bottom, green	1	
	12294-12		CUSHION ASSEMBLY - Front seat, bottom, red	1	18-3771, 18-3781 to 18-4617 inclusive
	12294-16	B	CUSHION ASSEMBLY - Front seat, bottom, Cadillac red	1	
	12294-24		CUSHION ASSEMBLY - Front seat, bottom, red	1	18-5804, 18-6116 and up
			A - Used on PA-18 airplanes with serial numbers 18-1 to 18-400 inclusive, 18-469 to 18-3013 inclusive.		
			B - Used on airplanes with serial numbers 18-4618 to 18-5803 inclusive, 18-5805 to 18-6115 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
11-19	12293-12	G	CUSHION ASSEMBLY - Front seat, back, brown	1	
	12293-19	B	CUSHION ASSEMBLY - Front seat, back, green	1	
	12293-22		CUSHION ASSEMBLY - Front seat, back, red	1	18-3771, 18-3781 to 18-4617 inclusive
	12293-28	G	CUSHION ASSEMBLY - Front seat, back, Cadillac red	1	
	12293-42		CUSHION ASSEMBLY - Front seat, back, red	1	18-5804, 18-6118 and up
-20	13614-00	A	ENVELOPE - Airworthiness certificate, brown	1	
	13614-03	B	ENVELOPE - Airworthiness certificate, green	1	
	13614-06		ENVELOPE - Airworthiness certificate, black	1	(PA-18 only) 18-3771, 18-3781 and up
-21	10763-10	A	CUSHION ASSEMBLY - Rear seat, bottom, brown	1	
	10763-16	B	CUSHION ASSEMBLY - Rear seat, bottom, green	1	
	10763-22		CUSHION ASSEMBLY - Rear seat, bottom, red	1	18-3771, 18-3781 to 18-4617 inclusive
	10763-28		CUSHION ASSEMBLY - Rear seat, bottom, Cadillac red	1	18-4618 to 18-5803 inclusive, 18-5805 to 18-6115 inclusive
	10763-40		CUSHION ASSEMBLY - Rear seat, bottom, red	1	18-5804, 18-6116 and up
-22	12289-00	A	CUSHION ASSEMBLY - Rear seat, back, brown	1	(PA-18 only)
	12289-07	A	CUSHION ASSEMBLY - Rear seat, back, brown	1	(PA-18A only)
	12289-09	C	CUSHION ASSEMBLY - Rear seat, back, green	1	
	12289-13	D	CUSHION ASSEMBLY - Rear seat, back, green	1	
	12289-15	E	CUSHION ASSEMBLY - Rear seat, back, red	1	
	12289-19	F	CUSHION ASSEMBLY - Rear seat, back, red	1	
	12289-23		CUSHION ASSEMBLY - Rear seat, back, Cadillac red	1	(PA-18A only) 18-4618 to 18-5803 18-5805 to 18-6115 inclusive
	12289-21		CUSHION ASSEMBLY - Rear seat, back, Cadillac red	1	(PA-18 only) 18-4618 to 18-5803, 18-5805 to 18-6115 inclusive
	12289-33		CUSHION ASSEMBLY - Rear seat, back, red	1	(PA-18A only) 18-6116 and up
	12289-37		CUSHION ASSEMBLY - Rear seat, back, red	1	(PA-18 only) 18-5804, 18-6118 and up
-23	12268-11		SEAT BASE ASSEMBLY - Front, "105", "125", "135" and "150"	1	
	12268-00		SEAT BASE ASSEMBLY - Front, "95"	1	
-24	12079-00		HANDLE ASSEMBLY - Seat release	1	
-25	12269-00		ROD - Extension	1	
-26	83302-13		SPRING - Return (487283)	1	
-27	12914-00		PIN - Stop	1	

- A - Used on airplanes with serial numbers 18-1 to 18-3770 inclusive, 18-3772 to 18-3780 inclusive.
- B - Used on airplanes with serial numbers 18-3014 to 18-3770 inclusive, 18-3772 to 18-3780 inclusive.
- C - Used on PA-18 airplanes with serial numbers 18-3014 to 18-3770 inclusive, 18-3772 to 18-3780 inclusive.
- D - Used on PA-18A airplanes with serial numbers 18-3014 to 18-3770 inclusive, 18-3772 to 18-3785 inclusive.
- E - Used on PA-18 airplanes with serial numbers 18-3771, 18-3781 to 18-4617 inclusive.
- F - Used on PA-18A airplanes with serial numbers 18-3771, 18-3786 to 18-4617 inclusive.
- G - Used on airplanes with serial numbers 18-4618 to 18-5803 inclusive, 18-5805 to 18-6115 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
11-28	454 888		CLIP - Fastener, front and rear seat attachment (5 per ship PA-18A)	3	
-29	12774-00		LEVER ASSEMBLY - Flap control, "105", "125", "135" and "150"	1	
-30	11699-06		PLUNGER - Flap control, "105", "125", "135" and "150"	1	
-31	11700-00		PAWL - "105", "125", "135" and "150"	1	
-32	50111-00		SPRING - "105", "125", "135" and "150"	1	
-33	11723-00		DECAL - Flap lever, "105", "125", "135" and "150" (456 359)	1	
-34	12776-00		RATCHET - Flap lever, "105", "125", "135" and "150"	1	(PA-18 only)
	14904-00		RATCHET - Flap lever, "125", "135" and "150"	1	(PA-18A only)
-35	80132-10		TUBE - Liner, "105", "125", "135" and "150"	1	
-36	12267-15		SEAT FRAME ASSEMBLY - Front	1	
-37	487 274		SPRING	4	
-38	487 272		SPRING	4	
-39	11420-03		LINK - Spring connector	9	
-40	12244-00		SEAT FRAME ASSEMBLY - Rear back	1	(PA-18 only)
	12244-06		SEAT FRAME ASSEMBLY - Rear back	1	(PA-18A only)
-41	487 274		SPRING	8	
-42	11420-03		LINK - Spring connector	14	
-43	13455-00		TUBE ASSEMBLY - Rear seat back	1	(PA-18A only)
-44	13454-00		SEAT FRAME ASSEMBLY - Rear bottom	1	(PA-18A only)
-45	12286-00		CANVAS ASSEMBLY	1	
-46	13453-00		FRAME ASSEMBLY	1	(PA-18A only)
-47	487 272		SPRING	8	
-48	11420-03		LINK - Spring connector (18 per ship PA-18)	17	
-49	14340-00		WASHER - Shim, flap handle installation	AR	
-50	451 344	A	BELT ASSEMBLY - Safety front and rear (1 per ship PA-18A, rear seat only) (13947-05) (friction buckle)	2	
	451 348		BELT ASSEMBLY - Safety, front and rear (1 per ship PA-18A, rear seat only) (PAC #13947-11) black (friction buckle)	2	
	451 370		BELT ASSEMBLY - Safety, front and rear, gray	2	
	25801-05		BELT ASSEMBLY - Safety, front and rear, black (metal to metal buckle)	2	
			A - Used on airplanes with serial numbers 18-3014 to 18-3770 inclusive, 18-3772 to 18-3780 inclusive.		

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

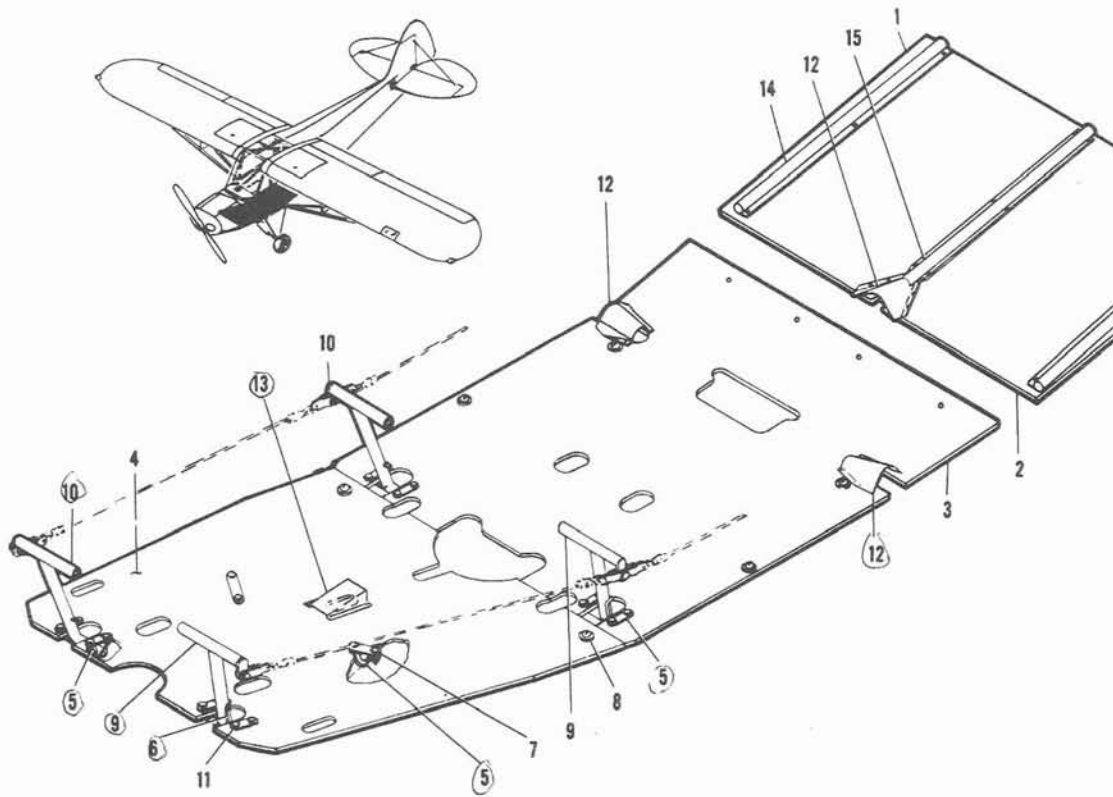


Figure 12. Rudder Pedals and Floorboards Installation

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
12-	10769		DRAWING - Rudder Pedal Installation		
-1	13297-02		FLOORBOARD - Rear, right	1	(PA-18A only)
-2	13297-00		FLOORBOARD - Rear, left (used when electrical equipment is installed)	1	(PA-18A only)
	13297-02		FLOORBOARD - Rear, left (used when electrical equipment is not installed)	1	(PA-18A only)
-3	10799-00		FLOORBOARD ASSEMBLY - Rear	1	(PA-18 only)
	10799-02		FLOORBOARD - Center	1	(PA-18A only)
-4	10737-02	B	FLOORBOARD - Front, "95", "105" and "125"	1	
	13743-00	A	FLOORBOARD - Front, "135", "150" and "95"	1	
-5	80222-03		CLAMP	10	
-6	40941-00		SPRING - Rudder pedal	4	
-7	81262-08		LINK	10	
-8	80122-10		WASHER	6	(PA-18 only)
	80122-10		WASHER	21	(PA-18A only)
-9	40842-04		PEDAL ASSEMBLY - Rudder, LH	2	
-10	40842-05		PEDAL ASSEMBLY - Rudder, RH	2	
-11	85012-04		WASHER	AR	
	85012-05		WASHER	AR	
	85012-06		WASHER	AR	
-12	50042-00		COVER - Pulley housing	2	
	50042-00		COVER - Pulley housing	1	(PA-18A only)
-13	12810-00		COVER - Pulley	1	
-14	12021-02		COVER - Rudder cable	2	(PA-18A only)
-15	13298-00		GUARD - Elevator cable	1	(PA-18A only)
			A - Used on PA-18 "95" with serial numbers 18-3771, 18-3781 and up.		
			B - Used on PA-18 "95" airplanes with serial numbers 18-1 to 18-3770 inclusive, 18-3772 to 18-3780 inclusive.		

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

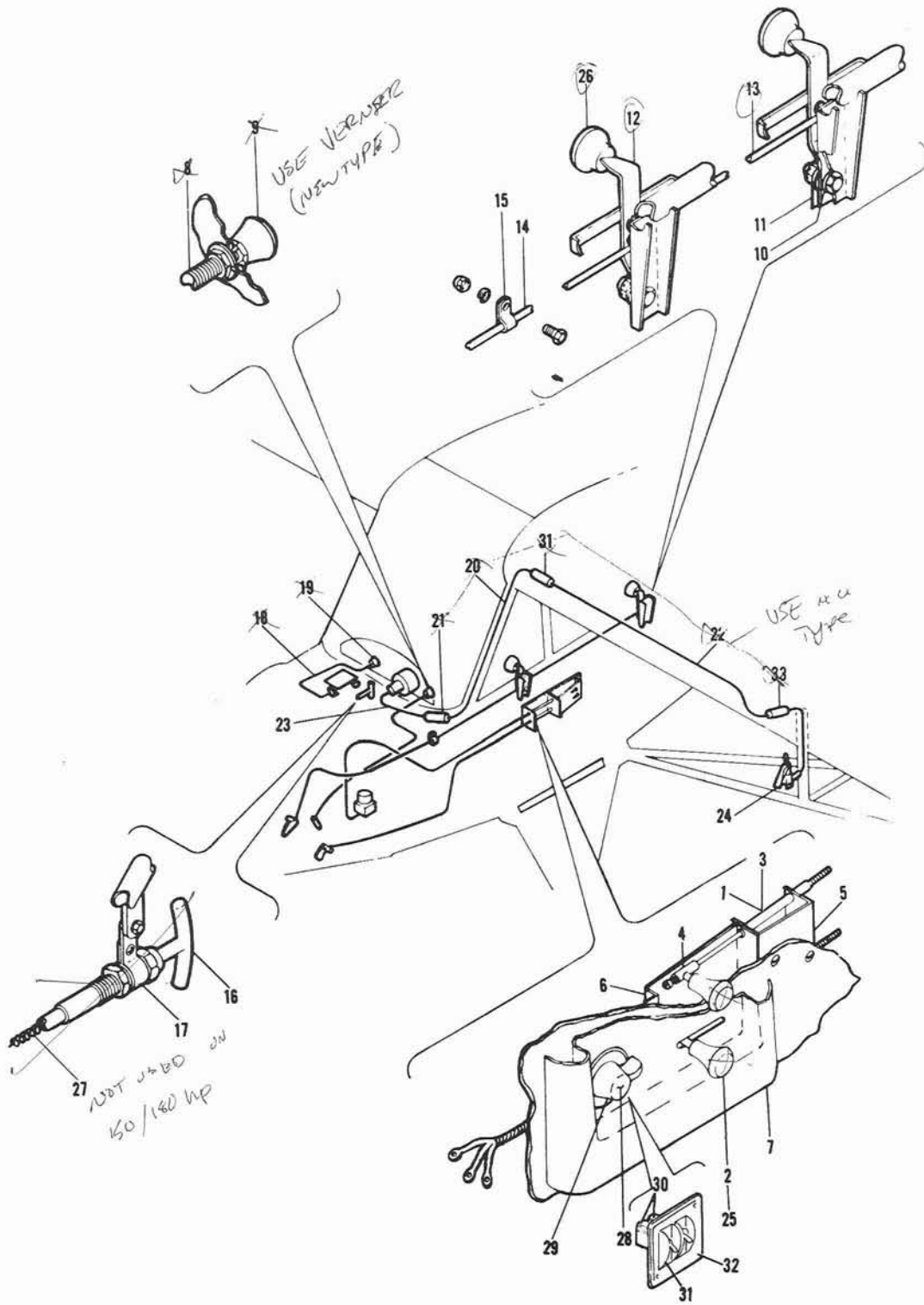


Figure 13. Throttle, Cabin and Carburetor Heat Mixture Controls

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
13-1	12955-00		CABLE ASSEMBLY - Cabin and carburetor heat control	2	18-1 to 18-2190 inclusive
-2	471 052		KNOB	1	18-1 to 18-2190 inclusive
-3	16775-00		CABLE ASSEMBLY - Cabin and carburetor heat control (less knob)	2	18-2191 and up
-4	14056-00		BUSHING - Attachment, cabin and carburetor heat control cable	2	18-2191 and up
-5	10780-00		BRACKET ASSEMBLY - Front	1	18-2191 and up
-6	14055-00		BRACKET - Rear	1	18-2191 and up
-7	10666-03		PANEL ASSEMBLY - Ignition switch, carburetor and cabin heat	1	18-1 to 18-2190 inclusive
	10666-06		PANEL ASSEMBLY - Ignition switch, carburetor and cabin heat	1	18-2191 and up
-8	16775-00		CABLE ASSEMBLY - Mixture control (less knob)	1	
-9	471 053		KNOB - Mixture control (3004-S-M) pastel red	1	
-10	81342-20		WASHER - Throttle, vellumoid friction	4	
-11	81172-20		LUG - Friction (steel at throttle assembly)	2	
-12	41491-00		LEVER - Throttle control	2	
-13	41551-00		LINK - Throttle lever connector	1	
-14	12694-00		CABLE ASSEMBLY - Throttle control (used when electrical equipment is not installed) "95"	1	
	12694-02		CABLE ASSEMBLY - Throttle control (used when electrical equipment is installed) "95"	1	
	12694-03		CABLE ASSEMBLY - Throttle control (Lycoming engine) "150", "125", "135" and "150"	1	
-15	80032-51		CLAMP - Throttle control	1	
-16	12722-00		CABLE ASSEMBLY - Starter control (when electrical equipment is installed) "95"	1	
-17	12307-00		CLAMP - Starter control (when electrical equipment is installed) "95"	1	
-18	16775-00		CABLE ASSEMBLY - Cold air vent control (less knob) PA-18-135 and 150	1	18-2168 and up
-19	471 052		KNOB - Cold air vent, ivory	1	
	471 060		KNOB - Cold air vent, black	1	
-20	10554-00		TUBE ASSEMBLY - Airspeed, wing to tube at instrument (1 per ship PA-18, "95", "105" and "125" and PA-18A, "125") (2 per ship PA-18 and PA-18A, "135")	1	
	61323-10		TUBING - Airspeed "150"	2	
-21	83161-02		HOSE - Airspeed, rubber	1	
-22	13541-02		TUBING - Airspeed, left wing, "95", "105" and "125"	1	
	13541-16		TUBING - Airspeed, left wing, "135" and "150"	2	
-23	13541-04		TUBE - Airspeed inciator (1 per ship PA-18, "95", "105", "125" and PA-18A, "125") (2 per ship PA-18 and PA-18A "135" and "150")	1	
-24	13764-00		TUBE ASSEMBLY - Airspeed (pitot and static) "135" and "150"	1	
-25	471 052		KNOB - Cabin and carburetor heat control	2	
-26	18875-07		KNOB - Throttle lever, black	2	
-27	487 276		SPRING - Starter control (C-90-12F engine only)	2	

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
13-28	12400-00		SWITCH ASSEMBLY - Ignition, with wires (shielded)	1	18-1 to 18-4308 inclusive
	14579-02		SWITCH ASSEMBLY - Ignition, with wires (shielded)	1	18-4309 to 18-8914 inclusive
	83952-02		SWITCH ASSEMBLY - Ignition, with wires (not shielded)	1	18-1 to 18-8914 inclusive
	15302-02		SWITCH ASSEMBLY - Ignition, with wires (shielded)	1	18-8915 and up
	15302-04		SWITCH ASSEMBLY - Ignition, with wires (not shielded)	1	18-8915 and up
-29	487 774		SWITCH - Ignition	1	
-30	487 823		SWITCH - Ignition (#110-S-67)	2	
-31	15300-00		GUARD - Switch	2	
-32	15299-00		PANEL - Magneto switches	1	
-33	83161-02		HOSE - Airspeed, rubber (4 per ship, "135" and "150")	2	

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

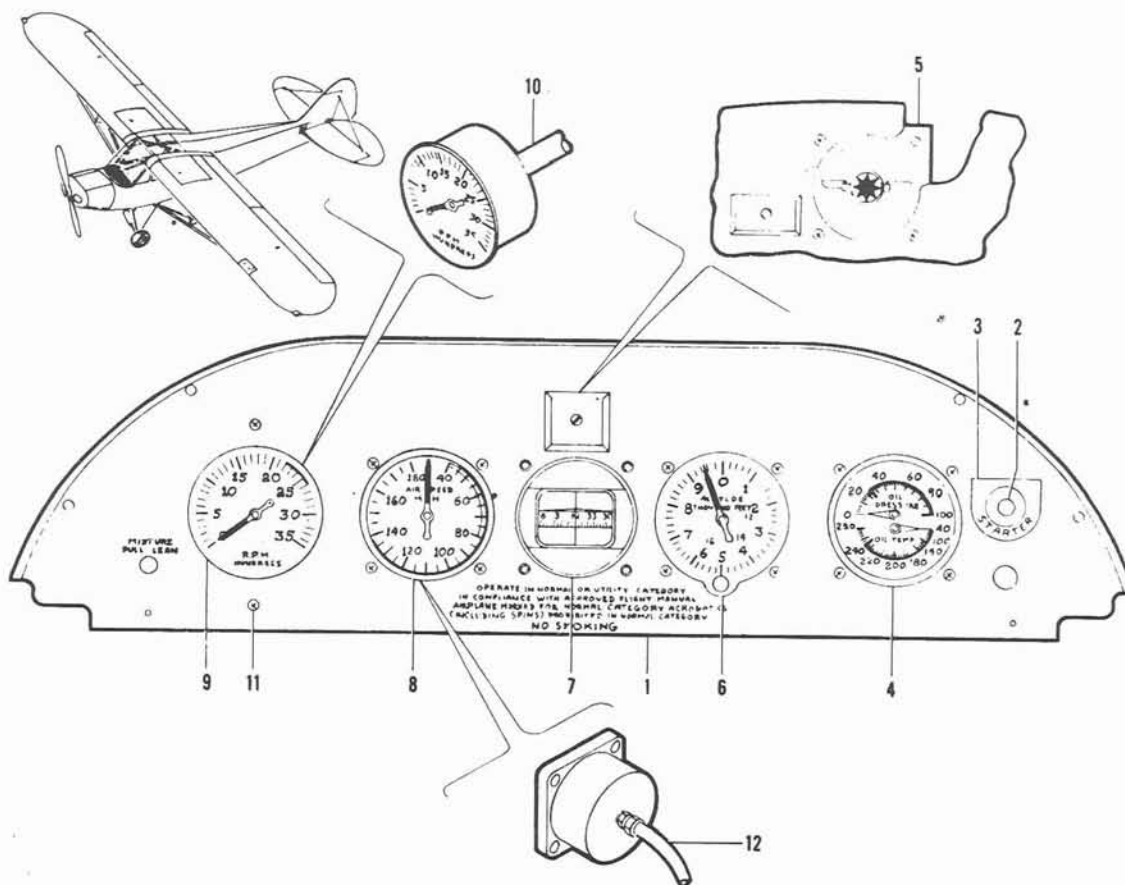


Figure 14. Instrument Panels Installation, Standard

Note: All instruments called out in this Parts List are blackfaced and are the only type being supplied as Service replacements for this aircraft. The compass is the small type and is the only compass which will be supplied for Service replacement. A mounting plate will be supplied with each compass to be used when installing in aircraft in which the original compass was the large type. The oil temperature and pressure gauge being supplied is the 4-hole mounting type. A mounting plate will be supplied with this gauge for use when installing in aircraft in which the original gauge was the 2-hole mounting type. All instrument mounting holes contained in the standard instrument panels will be the same size. Adapter plates and bushings will be supplied with each panel for mounting the various sized instruments used.

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
14-	13426	C	DRAWING - Instrument Panel Assembly, "95", "105" and "125"		
	13688		DRAWING - Instrument Panel Assembly, "135"		(PA-18 only)
	13689		DRAWING - Instrument Panel Assembly, "125", "135" and "125"		(PA-18A only)
	13687		DRAWING - Instrument Panel Assembly, "95"		(PA-18 only) 18-3771, 18-3781 and up
	13688		DRAWING - Instrument Panel Assembly, "150"		(PA-18 only) 18-3771, 18-3781 to 18-8020 inclusive
	15250		DRAWING - Instrument Panel Assembly, "150"		(PA-18 only) 18-8021 and up
-1	13427-02	C	PANEL ASSEMBLY - Instrument, "95"	1	
	13428-02		PANEL ASSEMBLY - Instrument, "105", "125" and "135"	1	(PA-18 only) 18-1 to 18-2167 inclusive
	13685-02		PANEL ASSEMBLY - Instrument, "135" and "150"	1	(PA-18 only) 18-2168 to 18-8020 inclusive
	15249-00		PANEL ASSEMBLY - Instrument, "150"	1	(PA-18 only) 18-8021 and up
	13686-02		PANEL ASSEMBLY - Instrument, "135" and "150"	1	(PA-18A only) 18-2168 and up
	13309-02	A	PANEL - Instrument	1	
	13684-00	B	PANEL - Instrument, "95"	1	
-2	487 527		SWITCH - Starter (1875-0) (R.B.M. Co.) (used when electrical equipment is installed) "105", "125", "135" and "150"	1	
	487 550		SWITCH - Starter (#9011) heavy duty (used when electrical system is installed) "150"	1	
-3	11015-00		PLACARD - Starter button, "105", "125", "135" and "150"	1	
	81342-45		WASHER - Starter button hole cover (used when electrical system is not installed)	2	
-4	450 680		INSTRUMENT - Oil temperature and pressure (PAC No. 13416-2) "105", "125", "135" and "150"	1	
	450 681		INSTRUMENT - Oil temperature and pressure (PAC No. 13416-3) "95"	1	
-5	11199-00		PLATE - Cover (3-3/16" x 3-3/16")	2	
	11199-08		PLATE - Cover (2-5/8" x 2-5/8")	1	
-6	450 611		INSTRUMENT - Altimeter (PAC No. 11343) (Standard)	1	
	450 694		INSTRUMENT - Altimeter, sensitive (Scale in inches of Mercury)	1	
	450 791	D	INSTRUMENT - Altimeter, sensitive (Scale in Millibars)	1	
-7	450 628		INSTRUMENT - Compass (No. C-2300 airpath)	1	

A - Used on PA-18A airplanes with serial numbers 18-1262 to 18-2167 inclusive.
 B - Used on PA-18 airplanes with serial numbers 18-3771, 18-3781 and up.
 C - Used on PA-18 airplanes with serial numbers 18-1 to 18-3770 inclusive, 18-3772 to 18-3780 inclusive.
 D - Optional equipment.

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
14-8	450 676		INSTRUMENT - Airspeed (PAC No. 11339-3) "95"	1	
	450 677		INSTRUMENT - Airspeed (PAC No. 11339-4) "105" and "125"	1	
	450 687		INSTRUMENT - Airspeed indicator (PAC No. 11339-06) "135"	1	18-1215 to 18-4617 inclusive
	11339-06		INSTRUMENT - Airspeed (used when 89-2000 floats installed) "150"	1	18-3771, 18-3781 and up
	450 699		INSTRUMENT - Airspeed indicator (PAC No. 11339-10) "150"	1	18-3771, 18-3781 and up
-9	450 643		INSTRUMENT - Tachometer, recording (PAC No. 13621-00) "105", "125" and "135"	1	18-1 to 18-4617 inclusive
	450 685		INSTRUMENT - Tachometer, recording (used with C-90-8F engine) (PAC No. 13690) "95"	1	
	13621-02		INSTRUMENT - Tachometer, recording (used with C-90-12F engine) "95"	1	
	450 679	A	INSTRUMENT - Tachometer - Non-recording (used with C-90-12F engine) (PAC No. 11342-3) "95"	1	
	450 683	A	INSTRUMENT - Tachometer, standard, non-recording (used with C-90-8F engine)	1	
	450 642		INSTRUMENT - Tachometer, standard, non-recording (PAC No. 11342) "105" and "125"	1	
	450 646		INSTRUMENT - Tachometer, recording (PAC No. 13621-04) "150"	1	
-10	486 570		SHAFT - Tachometer (1536463) 32-1/2 (used with recording tachometer) "95", "105", "125" and "135"	1	18-1 to 18-4617 inclusive
	486 565		SHAFT - Tachometer (No. 63600) (Used with standard, non-recording tachometer)	1	18-1 to 18-1969 inclusive
	750 907		CASING ASSEMBLY - (Used with standard, non-recording tachometer)	1	18-1 to 18-1969 inclusive
	486 574		SHAFT - Tachometer (1568857) 25" long, "150"	1	
-11	82732-03		BUSHING - Instrument installation	1	
-12	13541-04		TUBE - Airspeed (1 per ship model "95", "105" and "125") (2 per ship model "135" and "150")	AR	
			A - Used on PA-18 airplanes with serial numbers 18-1 to 18-3770 inclusive and 18-3772 to 18-3780 inclusive.		

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

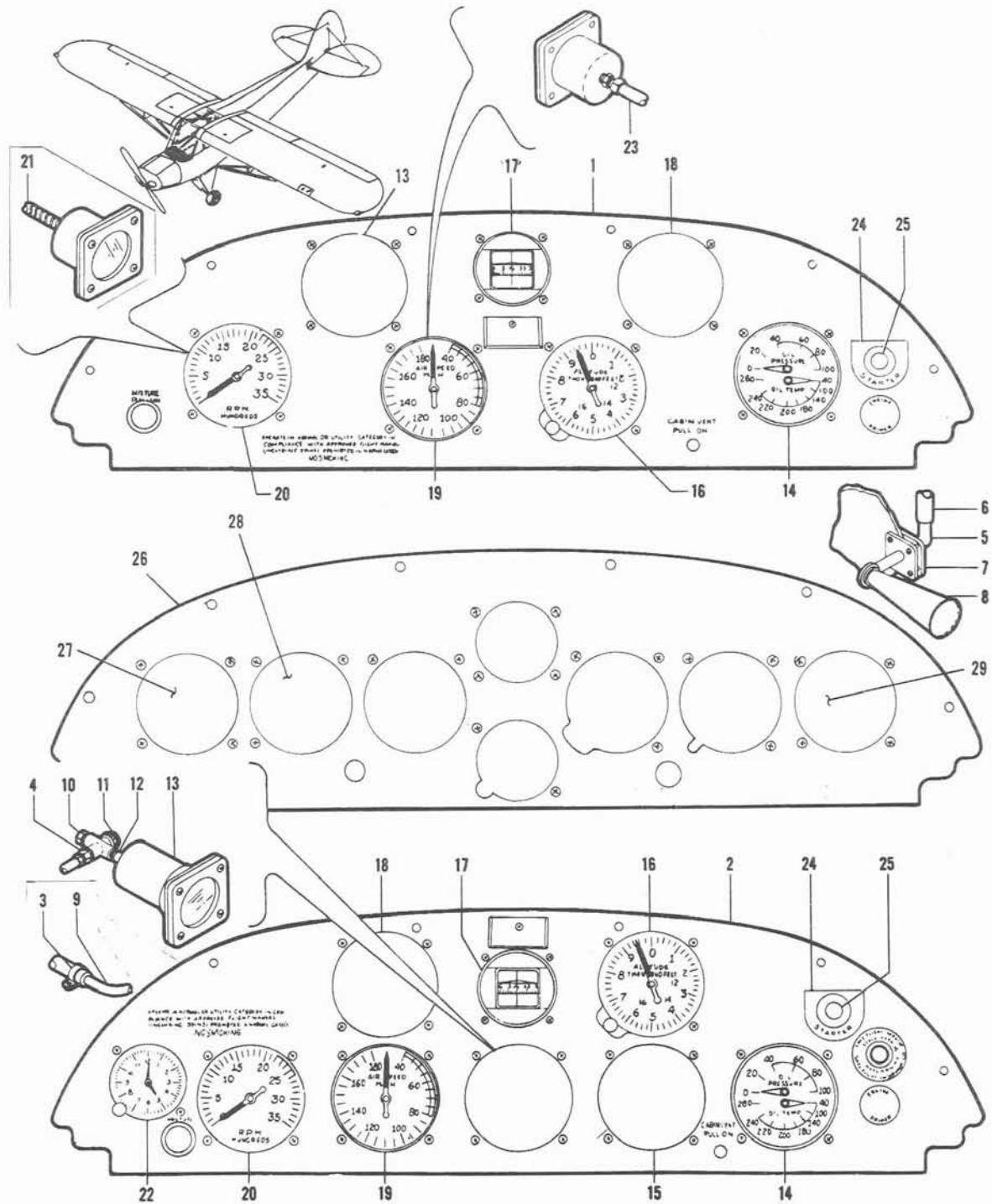


Figure 15. Instrument Panels Installation
Advanced and Primary

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
15-	13700		DRAWING - Instrument Panel Assembly, Primary "105", "125", "135" and "150"		(PA-18 only) 18-1 to 18-8033 inclusive
	15261		DRAWING - Instrument Panel Assembly, Primary "150"		(PA-18 only) 18-8034 and up
	13698	B	DRAWING - Instrument Panel Assembly, Advanced "105", "125" and "135"		
	14745		DRAWING - Instrument Panel Assembly, Primary "95"		(PA-18 only) 18-4618 and up
	14723		DRAWING - Venturi Tube Installation		18-4618 and up
1	13801-00		PANEL ASSEMBLY - Instrument, primary "105", "125" and "135"	1	(PA-18 only) 18-1 to 18-2167 inclusive
	13699-02		PANEL ASSEMBLY - Instrument, primary "135" and "150"	1	(PA-18 only) 18-2168 to 18-8033 inclusive
	15249-00		PANEL ASSEMBLY - Instrument, primary "150"	1	(PA-18 only) 18-8034 and up
-2	13800-00		PANEL - Instrument, advanced "105", "125" and "135"	1	(PA-18 only) 18-1 to 18-2167 inclusive
	13697-02		PANEL ASSEMBLY - Instrument, advanced, "135"	1	(PA-18 only) 18-2168 and up
-3	554 778		CLAMP - GS4SS Type "F"	1	
-4	460 685		CONNECTOR - Inverted male (W/H No. 200 x 4) "105", "125" and "135"	1	(PA-18 only) 18-1 to 18-3483 inclusive
-5	458 903		ELBOW - At venturi (AN842-4) "105", "125" and "135"	1	(PA-18 only) 18-1 to 18-3483 inclusive
	451 857	A	ADAPTER - (AN840-4D) at venturi "105", "125", "135" and "150"	1	
	11987-25		TUBE - Connection at venturi	1	18-4618 to 18-7887 inclusive
	460 649		CONNECTOR - At venturi (W/H 234 x 4)	1	18-4618 to 18-7887 inclusive
	451 940		ADAPTER - At venturi (1K10-4-4)	1	18-7888 and up
-6	82371-06		HOSE - "105", "125" and "135"	1	(PA-18 only) 18-1 to 18-3483 inclusive
	82371-26		HOSE - Connecting, venturi	1	(PA-18 only) 18-3484 and up
-7	12876-00		PLATE - Venturi mounting "105", "125", "135" and "150"	1	(PA-18 only) 18-1 to 18-4617 inclusive
	13160-02		PLATE - Venturi mounting	1	18-4618 to 18-7887 inclusive
	13160-03		PLATE - Venturi mounting	1	18-7888 and up
-8	489 639		VENTURI - 4"	1	(PA-18 only)
-9	11987-43		TUBE ASSEMBLY - "105", "125" and "135"	1	(PA-18 only) 18-1 to 18-3483 inclusive
-10	460 669		PLUG - Suction valve (W/H 3152 x 2) "105", "125" and "135"	1	(PA-18 only) 18-1 to 18-3483 inclusive
	14205-00		VALVE - Air regulating	1	(PA-18 only) 18-3484 and up
-11	492 024		VALVE - Suction regulating (AN No. 5829-2) "105", "125" and "135"	1	(PA-18 only) 18-1 to 18-3483 inclusive
-12	460 680		NIPPLE - (W/H No. 3327 x 2) "105", "125" and "135"	1	(PA-18 only) 18-1 to 18-3483 inclusive

A - PA-18 only, serial numbers 18-3484 to 18-4617 inclusive.

B - PA-18 only, serial numbers 18-1 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
15-13	450 658		INSTRUMENT - Turn and bank indicator	1	(PA-18 only)
-14	450 680		INSTRUMENT - Oil temperature and pressure (PAC No. 13416-02) "105", "125", "135" and "150"	1	(PA-18 only)
-15	751 118		INSTRUMENT - Manifold pressure, "105", "125" and "135"	1	
-16	450 694		INSTRUMENT - Altimeter (sensitive)	1	
-17	450 628		INSTRUMENT - Compass (No. C-2300)	1	
-18	450 750		INSTRUMENT - Rate of climb	1	
-19	450 677		INSTRUMENT - Airspeed indicator (PAC No. 11339-04) "105" and "125"	1	
	450 687		INSTRUMENT - Airspeed indicator (PAC No. 11339-06) "135"	1	
	450 699		INSTRUMENT - Airspeed indicator (PAC No. 11339-10) "150"	1	
-20	450 643		INSTRUMENT - Tachometer, recording (PAC No. 13621-00) "105", "125" and "135"	1	
	450 646		INSTRUMENT - Tachometer, recording (PAC No. 13621-04) "150"	1	
-21	486 570		SHAFT - Tachometer, recording, 32-1/2", "95", "105", "125" and "135"	1	
	486 574		SHAFT - Tachometer, recording, 25" long, "150"	1	
-22	450 706		INSTRUMENT - Clock	1	
-23	13541-04		TUBE - Airspeed (1 per ship models "95", "105" and "125") (2 per ship models "135" and "150")	2	
-24	11015-00		PLACARD - Starter button, "105", "125", "135" and "150"	1	
	81342-45		WASHER - Starter button hole cover (used when electrical system not installed) "105", "125", "135" and "150"	2	
-25	487 527		SWITCH - Starter (1875-0) (R.B.M. Co.) (used when electrical system is installed) "105", "125", "135" and "150"	1	
	487 550		SWITCH - Starter (#9011) heavy duty	1	
-26	14744-00		PANEL - Instrument, primary, "95"	1	(PA-18 only) 18-4618 and up
-27	13621-02		INSTRUMENT - Tachometer (used with C90-12F engine) "95"	1	
	13690-00		INSTRUMENT - Tachometer (used with C90-8F engine) "95"	1	
-28	11339-03		INSTRUMENT - Airspeed indicator, "95"	1	
-29	13416-03		INSTRUMENT - Oil temperature and pressure	1	
<p>A - PA-18 only, serial numbers 18-1 to 18-3770 inclusive, and 18-3772 to 18-3780 inclusive.</p>					

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

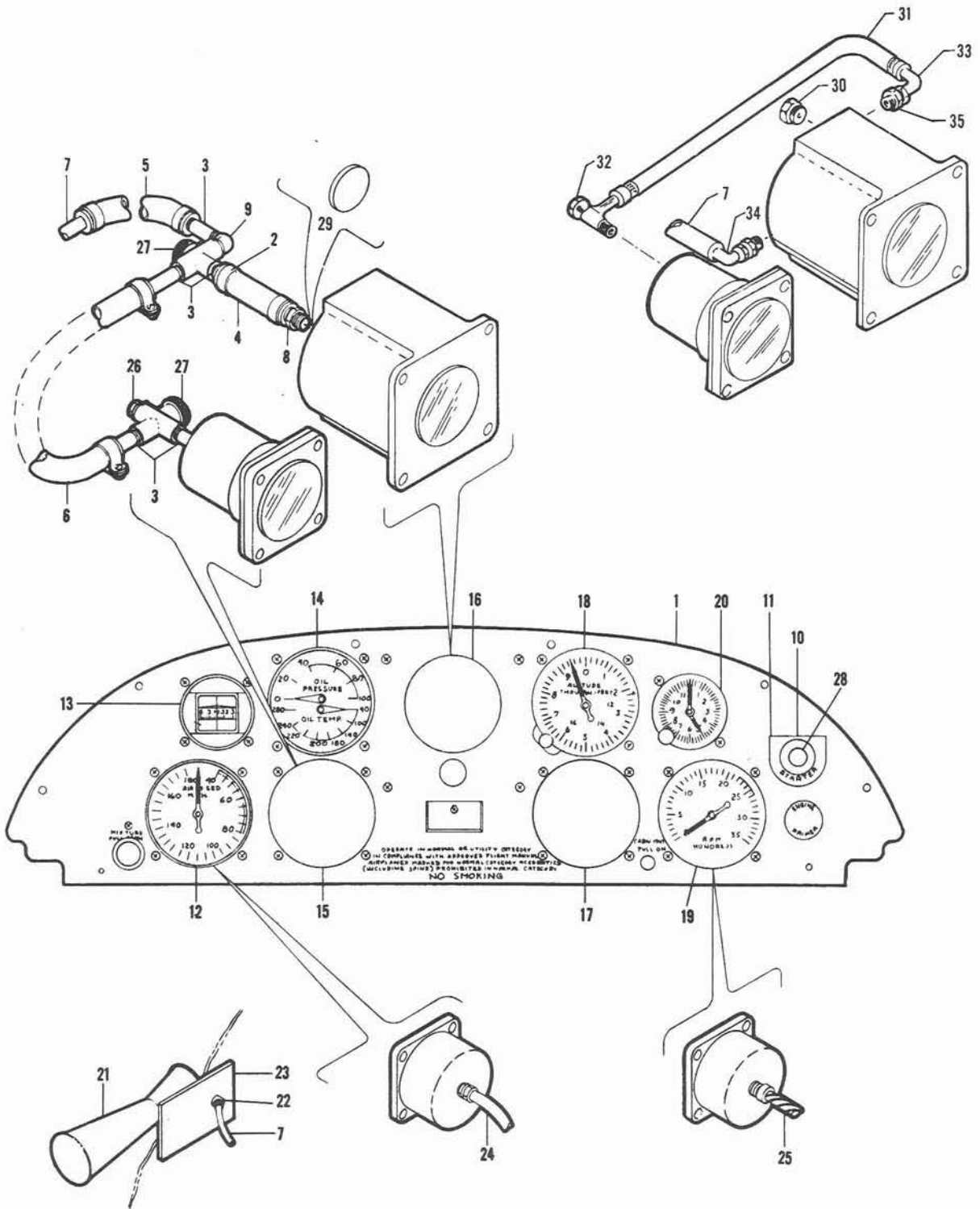


Figure 16. Instrument Panels Installation, Gyro
(Serial Nos. 18-1 to 18-8019 inclusive)

SECTION II
Fuselage Group

INSTRUMENT PANEL INSTALLATION
GYRO "105", "125", "135" and "150"
(Serial Nos. 18-1 to 18-8019 inclusive)

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
			NOTE: See instrument note, page 42 before ordering instruments listed in this section.		
16-	13701		DRAWING - Instrument Panel Assembly, "105", "125", "135" and "150"		
-1	13368-00		PANEL ASSEMBLY - Instrument, gyro, "105", "125" and "135"	1	(PA-18 only) 18-1 to 18-2167 inclusive
	13368-02		PANEL ASSEMBLY - Instrument, gyro, "135" and "150"	1	(PA-18 only) 18-2168 to 18-8019 inclusive
-2	554 871		CLAMP - GS6SS Type "F"	6	18-1 to 18-7887 inclusive
-3	460 680		NIPPLE - (W/H 3327 x 2)	5	18-1 to 18-7887 inclusive
-4	82371-15		HOSE - Gyro installation	1	18-1 to 18-7887 inclusive
-5	82371-10		HOSE - Gyro installation	1	18-1 to 18-7887 inclusive
-6	82371-22		HOSE - Turn and bank installation	1	18-1 to 18-7887 inclusive
-7	11987-15		TUBE ASSEMBLY - To Venturi (15-1/4")	1	18-1 to 18-7887 inclusive
	82371-33		HOSE - Flexible, to Venturi (18") "150"	1	18-7888 to 18-8019 inclusive
-8	476 652		ADAPTER - Gyro (AN840-6D)	1	18-1 to 18-7887 inclusive
-9	458 920		ELBOW - (W/H 3400 x 2)	1	18-1 to 18-7887 inclusive
-10	81342-45		WASHER - Starter button hole cover (used when electrical system is not installed)	2	
-11	11015-00		PLACARD - Starter button	1	
-12	450 687		INSTRUMENT - Airspeed indicator (PAC No. 11339-06) "135"	1	
	450 677		INSTRUMENT - Airspeed indicator (PAC No. 11339-04) "105" and "125"	1	
	450 699		INSTRUMENT - Airspeed indicator (PAC No. 11339-10) "150"	1	
-13	450 628		INSTRUMENT - Compass (No. C-2300)	1	
-14	450 680		INSTRUMENT - Oil temperature and pressure (PAC No. 13416-02)	1	
-15	450 658		INSTRUMENT - Turn and bank	1	
-16	450 635		INSTRUMENT - Directional gyro	1	
-17	450 750		INSTRUMENT - Rate of climb	1	
-18	450 694		INSTRUMENT - Altimeter, sensitive	1	
-19	450 643	A	INSTRUMENT - Tachometer, recording (PAC No. 13621-00)	1	
	450 646		INSTRUMENT - Tachometer, recording (PAC No. 13621-04) "150"	1	
-20	450 706		INSTRUMENT - Clock	1	
-21	489 639		TUBE - Venturi, 4"	1	
-22	460 659		ELBOW - Inverted (W/H 352 x 6)	1	18-1 to 18-7887 inclusive
	451 939		ADAPTER - (1K10-4-6) "150"	1	18-7888 to 18-8019 inclusive
-23	13160-02		PLATE - Venturi mounting	1	18-1 to 18-7887 inclusive
	13160-03		PLATE - Venturi mounting	1	18-7888 to 18-8019 inclusive
-24	13541-04		TUBE - Airspeed indicator (1 per ship Model "105" and "125") (2 per ship Model "135" and "150")		
-25	486 570	A	SHAFT - Tachometer, recording, 32-1/2"	1	
	486 574		SHAFT - Tachometer, recording, 25" long, "150"	1	
			A - Used on PA-18 airplanes "105", "125" and "135"		

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

INSTRUMENT PANEL INSTALLATION
 GYRO "150", "125", "135" and "150"
 (Serial Nos. 18-1 to 18-8019 inclusive)

SECTION II
 Fuselage Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
16-26	460 669		PLUG - Suction valve (W/H 3152 x 2)	1	18-1 to 18-7887 inclusive
-27	492 024		VALVE - Suction regulating (AN5829-2)	2	18-1 to 18-7887 inclusive
-28	487 527		SWITCH - Starter (1875-0) (R.B.M. Co.) (used when electrical equipment is installed)	1	
-29	755 824		PAD - Standard instrument filter (2 per instrument)	AR	
-30	15232-00		PLUG - "150"	1	18-7888 to 18-8019 inclusive
-31	82371-94		HOSE - "150"	1	18-7888 to 18-8019 inclusive
-32	14205-00		VALVE ASSEMBLY - "150"	1	18-7888 to 18-8019 inclusive
-33	458 948		ELBOW - (#1K1-2-4) "150"	1	18-7888 to 18-8019 inclusive
-34	458 945		ELBOW - (#1K1-4-6) "150"	1	18-7888 to 18-8019 inclusive
-35	453 680		BUSHING - Reducer (AN912-1C) "150"	1	18-7888 to 18-8019 inclusive

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

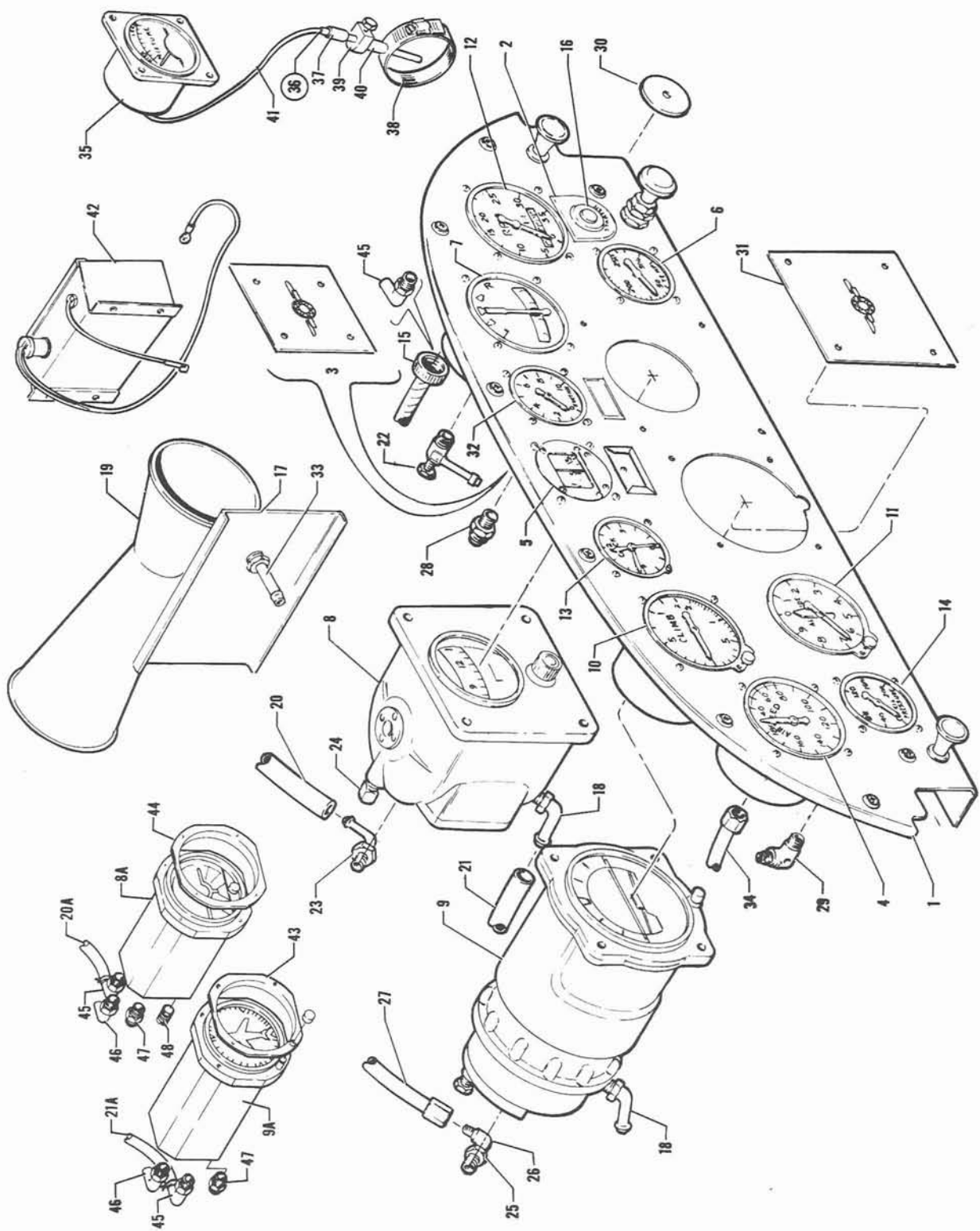


Figure 16A. Instrument Panel Installation, Gyro
(Serial Nos. 18-8020 and up)

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
16A-	15246 15788 15260		DRAWING - Instrument Panel Installation, Full Gyro DRAWING - Instrument Panel Installation, Full Gyro DRAWING - Instrument Panel Installation, Gyro		18-8020 to 18-7609012 inclusive 18-7609013 and up
-1	14844-04 14844-04 14844-06	C D D	PANEL ASSEMBLY - Instrument, gyro PANEL ASSEMBLY - Instrument, full gyro PANEL ASSEMBLY - Instrument, full gyro	1 1 1	18-8020 to 18-7609012 inclusive 18-7609013 and up
-2	11015-00	A	PLACARD - Starter button	1	
-3	11199-08		PLATE - Cover	1	
-4	450 699		INSTRUMENT - Airspeed indicator (11339-10)	1	
-5	450 628		INSTRUMENT - Compass (C-2300)	1	
-6	15259-00		INSTRUMENT - Oil temperature	1	
-7	450 658 450 658 548 092	C D D	INSTRUMENT - Turn and bank INSTRUMENT - Turn and bank INSTRUMENT - Turn and bank	1 1 1	18-8020 to 18-7609012 inclusive 18-7609013 and up
-8	550 647 550 647	C D	INSTRUMENT - Directional gyro INSTRUMENT - Directional gyro	1 1	18-8020 to 18-7609012 inclusive
-8a	755 428	D	INSTRUMENT - Attitude gyro	1	18-7609013 and up
-9	550 648		INSTRUMENT - Attitude gyro	1	18-8020 to 18-7609012 inclusive
-9a	755 427		INSTRUMENT - Directional gyro	1	18-7609013 and up
-10	450 750		INSTRUMENT - Rate of climb	1	
-11	450 694 450 791		INSTRUMENT - Altimeter, sensitive INSTRUMENT - Altimeter, sensitive (Barometric scale in millibars)	1 1	
-12	450 646		INSTRUMENT - Tachometer (13621-04)	1	
-13	450 706		INSTRUMENT - Clock	1	
-14	14882-00		INSTRUMENT - Oil pressure gauge	1	
-15	486 574		SHAFT - Tachometer, 25" L	1	
-16	487 527 487 550	A A	SWITCH - Starter (1875-0) SWITCH - Starter (9011) heavy duty	1 1	
-17	13160-03	B	PLATE - Venturi mounting	1	
-18	458 945		ELBOW - (1K1-4-6)	2	18-8020 to 18-7609012 inclusive
-19	489 639	B	TUBE - Venturi, 4"	1	
-20	82371-95 82371-95	C D	HOSE - Turn and bank to directional gyro HOSE - Turn and bank to directional gyro	1 1	18-8020 to 18-7609012 inclusive
-20a	82371-39	D	HOSE - Attitude gyro to turn and bank	1	18-7609013 and up
-21	82371-60 82371-60	B,C B,D	HOSE - Directional gyro to venturi HOSE - Directional gyro to venturi	1 1	18-8020 to 18-7609012 inclusive
-21a	82371-74	D	HOSE - Directional gyro to suction gauge	1	18-7609013 and up
-22	14205-00		VALVE ASSEMBLY	1	
-23	558 904 558 904	C D	ELBOW - (1K1-4-4) ELBOW - (1K1-4-4)	1 1	18-8020 to 18-7609012 inclusive

A - Used when electrical system is installed.
B - Used when vacuum system is not installed.
C - Used if directional gyro only is installed.
D - Used if directional gyro and attitude gyro 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
16A-24	15232-00		PLUG - Directional gyro air	1	
-25	480 937		PLUG - Gyro horizon (W/H 3152 x 4)	1	18-8020 to 18-7609012 inclusive
	24712-00		PLUG - Gyro horizon	1	18-8020 to 18-7609012 inclusive
	453 616	E	BUSHING - Gyro horizon (AN912-1D)	1	18-8020 to 18-7609012 inclusive
-26	458 893	E	ELBOW - Gyro horizon (AN822-3D)	1	18-8020 to 18-7609012 inclusive
	558 904	D	ELBOW - Gyro horizon (1K1-4-4)	1	18-8020 to 18-7609012 inclusive
-27	18831-03	E	TUBE ASSEMBLY - Gyro horizon to suction gauge	1	18-8020 to 18-7609012 inclusive
	61541-33	D	HOSE - Gyro horizon to suction gauge	1	
-28	476 647	H	NIPPLE - Suction gauge (AN816-3D)	1	18-8020 to 18-7609012 inclusive
	451 881	H	UNION - Suction gauge (1K10-2-4)	1	18-7609013 and up
-29	458 894		ELBOW - 90 degree (AN822-4D)	1	
-30	81342-45		WASHER - Starter button hole cover	2	
-31	15000-00		PLATE - Cover (used when gyro horizon is not installed)	1	
-32	450 787		INDICATOR - Suction gauge (F-3)	1	
	550 664	F	INDICATOR - Suction gauge (IG3-4)	1	
-33	451 939	G	ADAPTER - (1K10-4-6)	1	
-34	13541-04		TUBE - Airspeed	2	
-35	752 120	A	GAUGE ASSEMBLY - Mixture control indicator	1	
	751 915	B	GAUGE ASSEMBLY - Mixture control indicator	1	
-36	756 907		THERMOCOUPLE ASSEMBLY - (With Mounting Kit)	1	
-37	756 307		THERMOCOUPLE - (Less Mounting Kit)	1	
-38	753 948		CLAMP - Thermocouple probe attachment	1	
-39	753 949		CLAMP ASSEMBLY - Thermocouple probe attachment	1	
-40	756 256		MOUNTING SLEEVE - Thermocouple probe attachment	1	
-41	753 212		WIRE ASSEMBLY - Mixture control gauge	1	
-42	751 291		AMPLIFIER ASSEMBLY - Mixture control gauge	1	
-43	40885-00	C	SPACER - Directional gyro	1	18-7609013 and up
-44	40885-00	C	SPACER - Attitude gyro (1/2" thick)	1	18-7609013 and up
	40885-02	C	SPACER - Attitude gyro (5/8" thick)	1	18-7609013 and up
-45	458 948	C	ELBOW - (1K1-2-4)	3	18-7609013 and up
-46	558 913	C	ELBOW - (1K9-4-6)	2	18-7609013 and up
-47	451 939	C	UNION - (1K10-4-6)	2	18-7609013 and up
-48	24712-02	C	PLUG - Attitude gyro	1	18-7609013 and up

A - Used if Mixture Control Gauge Amplifier is not installed.
 B - Used if Mixture Control Gauge Amplifier is installed.
 C - Used if Directional Gyro and Attitude Gyro are installed.
 D - Used when suction gauge 550 664 is installed.
 E - Used when suction gauge 450 787 is installed.
 F - Not available. Order suction gauge 450 787 and parts coded for use with 450 787 gauge
 G - Used when vacuum system is not installed.
 H - Used if Directional Gyro only 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
			NOTE: See Figure 19 for balance of parts required for 1" Centrifugal Spray Pump Installation.		
17-	14136 14285 14918		DRAWING - 1" Centrifugal Pump Installation (Hi-Density) DRAWING - Sprayer Equipment Installation DRAWING - Sprayer Installation		18-1970 to 18-3013 inclusive 18-3014 to 18-5901 inclusive 18-5902 and up
-1	14139-00	A	PROPELLER ASSEMBLY - Sprayer	1	
-2	14138-00	A	PROPELLER	1	
-3	14133-00	A	DRUM - Brake	1	
-4	14130-02	A	KEY	1	
-5	14119-00	A	BRAKE SHOE ASSEMBLY - Propeller	1	
-6	14119-02	A	PLATE AND LEVER ASSEMBLY	1	
-7	487 302	B	SPRING - Return (No. 4733)	2	
-8	751 396	B	BRAKE LINING - (#4727) Brake shoe assembly	2	
-8a	752 823	B	RIVET - (#4730) Brake lining attachment	8	
-9	80012-81	A	BUSHING - Spacer	1	
-10	14117-02	A	PUMP ASSEMBLY - 1" Centrifugal	1	
-11	80032-55	A	CLAMP - Attachment, brake cable support	6	
-12	80002-27	C	CLAMP - Brake cable	1	
-13	80032-34	A	CLAMP - Attachment, brake cable	1	
-14	13520-04	A	CABLE ASSEMBLY - Brake	1	
-15	434 134	A	GROMMET - (AN931-6-10) On firewall	1	
-16	454 883	A	CLAMP - Hose, 1-1/4" (No. 51-13)	11	
-17	82371-18	A	HOSE - Connecting, 1-11/16" O.D. x 1-1/4" I.D. x 2-3/4" long	2	
-18	458 930	A	ELBOW - (AN842-21D)	2	
-19	454 884	A	CLAMP - Hose (No. 51-17)	7	
-20	82371-29	A	HOSE - Connecting, 2-1/8" O.D. x 1-3/4" I.D. x 4" long	3	
-21	10466-27	C	CLAMP	1	
-22	80002-13	C	CLAMP	1	
-23	14113-00	C	TUBE - Support	1	
	14809-00	C	TUBE - Support	1	18-5295 and up
-24	14112-00	A	FITTING - Pump	1	
-25	80222-29	C	CLAMP - Open	1	
-26	14114-00	C	BRACKET ASSEMBLY	1	
	14807-00	C	BRACKET ASSEMBLY - Tube support	1	18-5295 and up
-27	14109-00	C	TUBE ASSEMBLY - Pump inlet	1	
	14109-02	C	TUBE ASSEMBLY - Pump inlet	1	18-5295 and up
-28	14110-00	A	TUBE ASSEMBLY - Pump outlet	1	
-29	14106-00	A	TUBE ASSEMBLY - Hopper outlet, "Y"	1	
-30	14107-00	A	TUBE ASSEMBLY - Hopper outlet, LH	1	
-31	454 921	A	CLAMP - Hose (15/16")	4	
-32	82371-17	A	HOSE - Connecting, 1" O.D. x 5/8" I.D. x 2-3/4" long	2	

A - Used on PA-18A airplanes with serial numbers 18-1970 and up.
B - Used on both sprayer and duster installation.
C - Used on PA-18A airplanes with serial numbers 18-1 to 18-5294 inclusive.

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

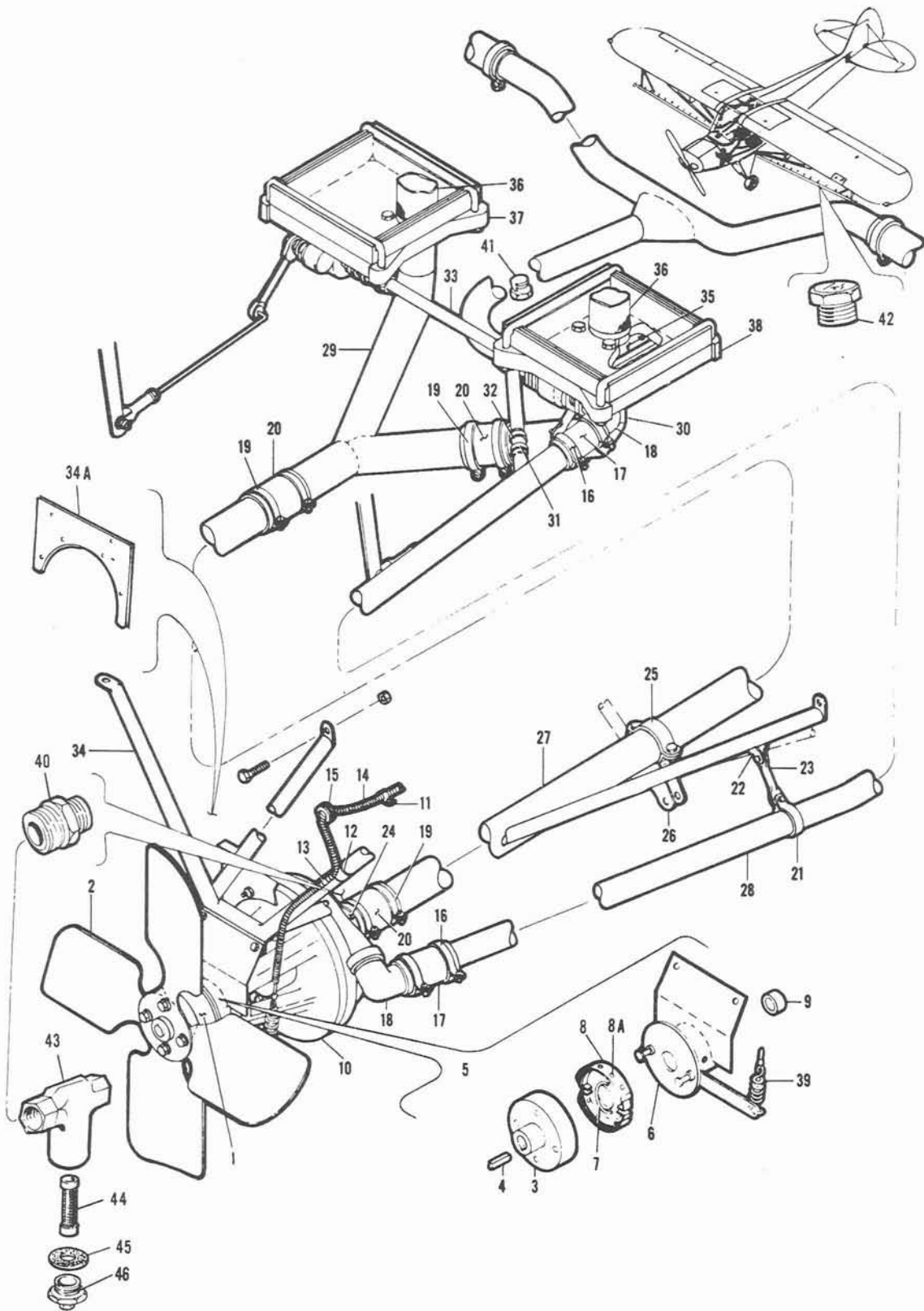


Figure 17. Fluid Spray Pump Installation

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
17-33	14126-00		TUBE ASSEMBLY - Hopper inlet	1	18-1970 and up
-34	14118-00	A	MOUNT ASSEMBLY - Propeller, "135"	1	
	14285-02	B	MOUNT ASSEMBLY - Propeller, "135" and "150"	1	
-34a	14810-00		PLATE - Adapter pump mounting	1	18-5295 and up
-35	14108-03		GASKET - Vellumoid, hopper outlet	2	18-1970 and up
-36	14132-00		SCREEN ASSEMBLY - Hopper outlet	2	18-1 to 18-5294 inclusive
-37	13963-07	C	PLATE ASSEMBLY - Hopper outlet, RH	1	
-38	13963-06	C	PLATE ASSEMBLY - Hopper outlet, LH	1	
-39	487 335	D	SPRING - Connecting, brake cable	1	
			INSTALLATION PARTS FOR NARROW SWATH		
	460 656		NIPPLE - Close (No. 3326 x 4)	18	18-1970 and up
	488 379		TEE - Pipe (No. 3700 x 4)	18	18-1970 and up
	480 937	A	PLUG - Pipe (No. 3152 x 4)	16	
-40	476 653		NIPPLE - Close, pump inlet (1-1/4 IPS)	1	18-5295 and up
-41	460 669	E	PLUG - Pipe (W/H 3152 x 2) (for narrow swath)	2	
-42	480 937	E	PLUG - Pipe (W/H 3152 x 4), boom, with low volume sprayer installation	22	
-43	487 593		SCREEN ASSEMBLY - Line strainers (#1-1/4 ATWAL)	1	18-5295 and up
-44	752 957		SCREEN - Line	1	18-5295 and up
-45	751 844		GASKET - Line screen	1	18-5295 and up
-46	753 883		END CAP - Screen assembly	1	

- A - Used on PA-18A airplanes with serial numbers 18-1970 to 18-3770 inclusive, 18-3772 to 18-3785 inclusive.
- B - Used on PA-18A airplanes with serial numbers 18-3771, 18-3786 and up.
- C - When ordering this Plate Assembly for PA-18A airplanes with serial numbers 18-2639, 18-2646, 18-2647, 18-2650 and 18-2664, it will be necessary to secure two (2) attaching rods, part number 13967-00 with each plate ordered.
- D - Used on both sprayer and duster installation.
- E - Used on PA-18A airplanes with serial numbers 18-3014 and up.

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

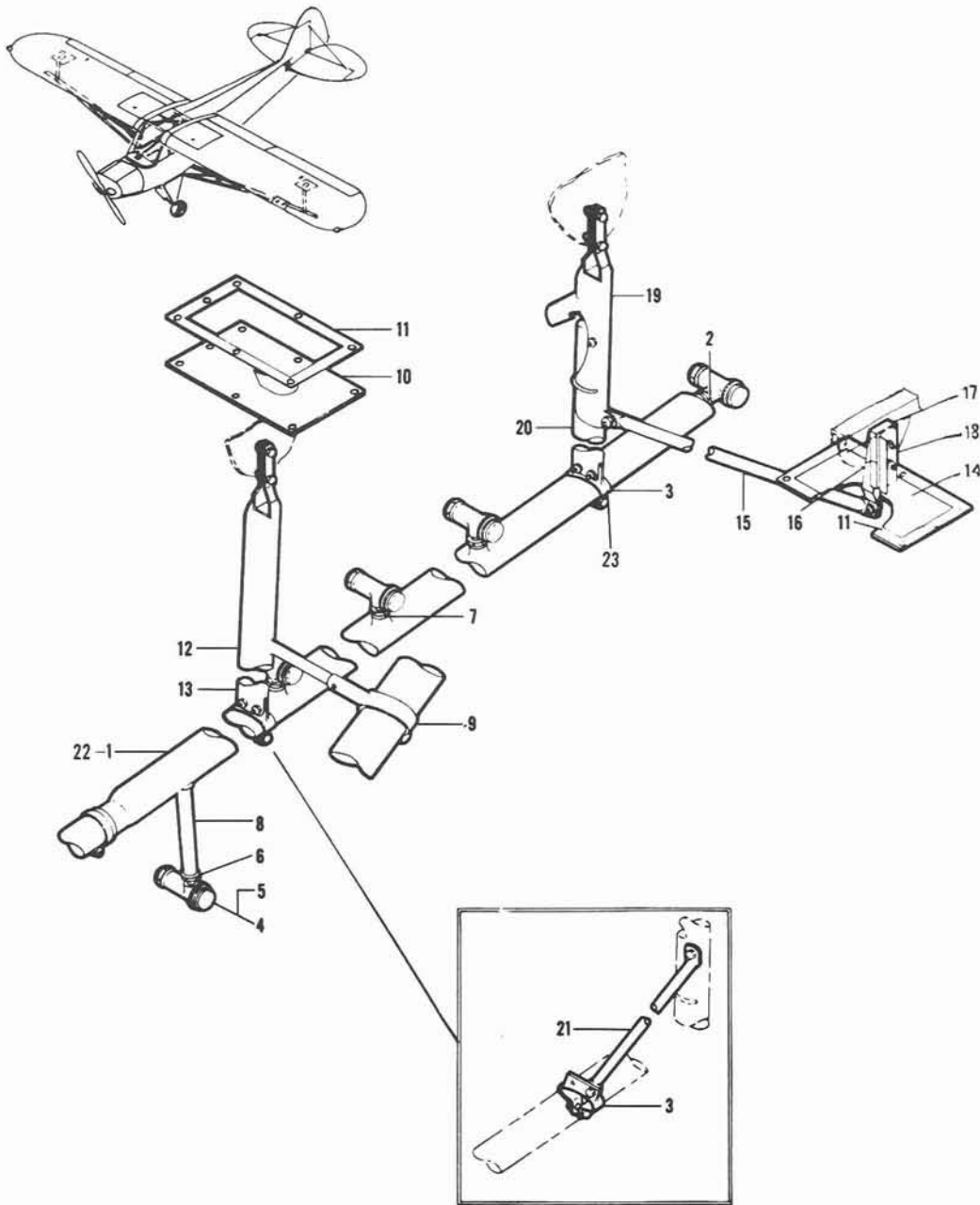


Figure 18. Boom Installation

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
18-1	13789-02	ABC	BOOM ASSEMBLY - (Streamlined tube) LH	1	
	13789-03	ABC	BOOM ASSEMBLY - (Streamlined tube) RH	1	
	13789-04	ABC	BOOM ASSEMBLY - (Round tube)	2	
	13789-06	DE	BOOM ASSEMBLY - (Streamlined tube) LH	1	
	13789-05	DE	BOOM ASSEMBLY - (Streamlined tube) RH	1	
	14497-00		BOOM ASSEMBLY - Round	2	18-3771, 18-3786 to 18-5901
-2	476 656		NIPPLE - Close spray nozzle installation, outboard end	1	18-1970 and up
	453 627		BUSHING - Spray nozzle installation, outboard end	1	18-1970 and up
-3	13540-00		CLAMP ASSEMBLY - Boom support (used with stream-lined tube booms) (8 per ship with 1" pump installation)	2	18-1215 to 18-3770 inclusive, 18-3772 to 18-3785 inclusive
	13787-00		CLAMP ASSEMBLY - Boom support (used with round tube booms) (8 per ship with 1" pump installation)	2	18-1215 to 18-3013 inclusive
	14492-00		CLAMP ASSEMBLY - Boom support	8	18-3771, 18-3786 to 18-5901
-4	477 130		NOZZLE - Spray (4664-D8-45) Brass (46 used with Hi-volume)	24	
	477 134		NOZZLE - Spray (8355-1/8-D8-45NY) Nylon (46 used with Hi-volume)	24	
	479 371		ORIFICE - (No. D8) (46 used with 1" pump installation)	1	
	455 126		CORE - (#45) Brass (46 used with Hi-volume)	1	
	455 128		CORE - (#45) Nylon (46 used with Hi-volume)	1	
	751 639		DIAPHRAGM	1	
-5	477 131		NOZZLE ASSEMBLY - (#4664-D12-56) Brass	46	
	477 135		NOZZLE ASSEMBLY - (#8355-1/8-D12-56NY) Nylon	46	
	479 372		ORIFICE - (No. D12) (46 used with Hi-volume)	1	
	455 127		CORE - (No. 56) Brass (46 used with Hi-volume)	1	
	753 857		CORE - (No. 56NY) Nylon (46 used with Hi-volume)	1	
-6	476 656		NIPPLE - Reducing (W/H 3325 x 2)	2	
-7	476 657		NIPPLE - Reducing (W/H 3325 x 4 x 2) (42 per ship with 1" pump installation) Hi-volume	20	
-8	13539-00		TUBE - Nozzle extension, inboard	2	
-9	13514-00		CLAMP ASSEMBLY - Sprayer boom brace	2	
-10	13495-00		PLATE - Trim	4	
-11	80541-02		GROMMET - Rectangular	6	
-12	13543-00		STRUT - Boom support inboard, upper	2	
-13	13542-03		STRUT - Boom support inboard, lower	2	
-14	13679-00		PLATE - Trim	2	
-15	13680-00		TUBE - Brace, boom support	2	
-16	12581-00		FITTING - Attachment	2	
-17	14371-03		BLOCK - Filler	2	
-18	14361-03		ANGLE - Brace tube	2	

A - Used on PA-18A airplanes with serial numbers 18-1215 to 18-3013 inclusive.
 B - Used with Oberdorfer Gear Pump Assembly only.
 C - Used with 3/4" Centrifugal Pump Assembly only.
 D - Used with 1" Centrifugal Pump Assembly only.
 E - Used on PA-18A airplanes with serial numbers 18-1970 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
18-19	13545-00	A	STRUT - Boom support outboard, upper	2	
-20	13542-02		STRUT - Boom support outboard, lower	2	
-21	13680-02		TUBE - Brace, boom support	4	18-1970 and up
-22	14917-00		BOOM ASSEMBLY - (Streamlined tube) LH	1	18-5902 and up
	14917-01		BOOM ASSEMBLY - (Streamlined tube) RH	1	18-5902 and up
-23	14914-00		CLAMP ASSEMBLY	4	18-5902 and up
A - Used with 1" Centrifugal Pump Assembly only.					

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

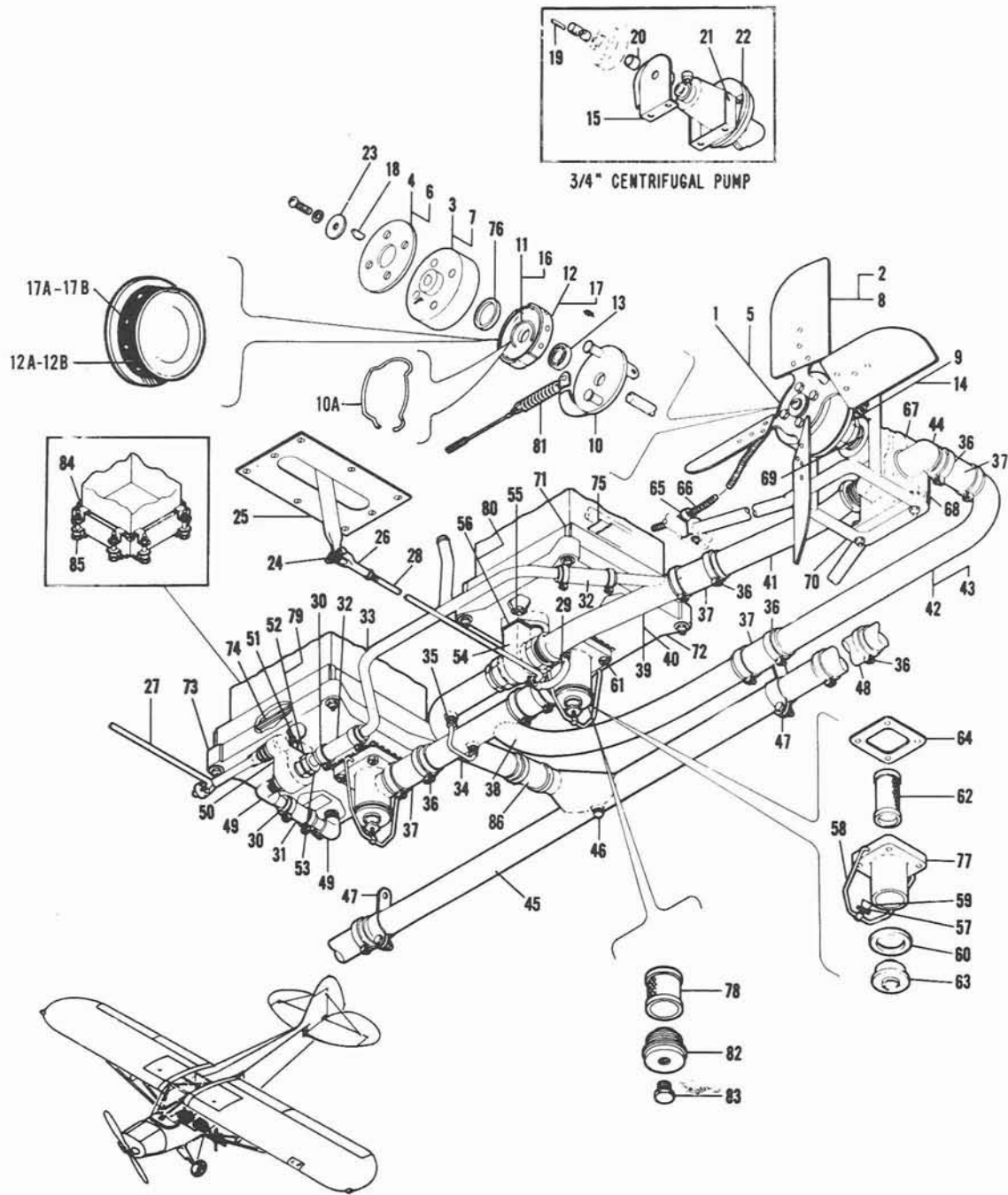


Figure 19. Sprayer Equipment Installation

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
			NOTE: This Sprayer Installation Group includes parts for the three (3) types of spray pumps, namely, Oberdorfer Gear Pump; 3/4" Centrifugal Simplex Pump and the 1" Centrifugal Simplex Pump (high density). The parts peculiar to each pump installation, are identified in the Code Column. Those items not coded apply to all types of spray pump installations. See Figure 17 for balance of parts applicable to the 1" Centrifugal Spray Pump Installation.		
19-	13547 13547 14137	AB CD C	DRAWING - Sprayer Installation (Rev. A to Q inclusive) DRAWING - Sprayer Installation (Rev. R and up) DRAWING - 3/4" Centrifugal Pump Installation		18-1215 to 18-3013 inclusive
-1	13558-00 14359-00	AEF GH	PROPELLER ASSEMBLY - Sprayer (three (3) blades) PROPELLER ASSEMBLY - Duster	1 1	
-2	13677-00	AF	PROPELLER - (Three (3) blades)	1	
-3	13529-00 14363-00	AEF GH	DRUM - Brake DRUM - Brake	1 1	
-4	13518-00	AE FJ	WASHER - Spacer WASHER - Spacer	1	
-5	14146-00	CJ	PROPELLER ASSEMBLY - Sprayer (four (4) blades)	1	
-6	13518-00	AE FJ	SPACER SPACER	1 1	
-7	14129-00	CJ	DRUM - Brake	1	
-8	14145-00	CJ	PROPELLER - (Four (4) blades)	1	
-9	13517-00 14358-00	AEF GH	BRAKE SHOE ASSEMBLY - Propeller BRAKE SHOE ASSEMBLY - Propeller	1 1	
-10	13517-02 14358-02	AEF GH	PLATE AND LEVER ASSEMBLY PLATE AND LEVER ASSEMBLY	1 1	
-10a	14357-00	GH	SPRING - Return	1	
-11	487 302	F	SPRING - Return (No. 4733)	2	
-12	486 600	F	BRAKE SHOE - (No. 4736)	2	
-12a	751 396	F	BRAKE LINING - (#4727) Brake shoe assembly	2	
-12b	752 823	F	RIVET - (#4730) Brake lining attachment	8	
-13	452 343	AEF	BEARING - (No. S-5-R-PP)	1	
			A - Oberdorfer Gear Pump. B - Used on airplanes when bottom sprayer plates attached to hopper tank with clamps. C - Used on PA-18A airplanes with serial numbers 18-1970 to 18-3013 inclusive. D - Used on airplanes when bottom sprayer plates attached to hopper tank with rods. E - Used on PA-18A airplanes with serial numbers 18-1262 to 18-3729 inclusive and 18-3731. F - Used on both sprayer and duster installation. G - Used on PA-18A airplanes with serial numbers 18-3730, 18-3732 and up. H - Used with duster installation only. J - 3/4" Centrifugal Pump.		

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
19-14	14142-00	DE	BRAKE SHOE ASSEMBLY - Propeller	1	
-15	14142-02	DE	PLATE AND LEVER ASSEMBLY	1	
-16	487 302	C	SPRING - Return (No. 4733)	2	
-17	486 600	C	BRAKE SHOE - (No. 4736)	2	
-17a	751 396	C	BRAKE LINING - (No. 4727) Brake shoe assembly	2	
-17b	752 823	C	RIVET - (No. 4730) Brake lining attachment	8	
-18	424 910	BC	KEY - Woodruff (AM STD No. 404)	1	
-19	14130-03	DE	KEY - Pump shaft	1	
-20	80012-87	DE	BUSHING - Spacer	1	
-21	14135-00	DE	PLATE ASSEMBLY - Mounting 3/4" pump	1	
-22	14147-00	DE	PUMP ASSEMBLY - 3/4" centrifugal (simplex)	1	
-23	13497-00	ABC	PLATE - Retainer	1	
	13497-02	FG	PLATE - Retainer	1	
-24	85012-06	C	WASHER - Steel	4	
	85012-47	C	WASHER - Fibre	4	
-25	13567-00	C	PLATE - Trim	2	
-26	454 900		CLEVIS - (AN486-3)	2	
-27	13554-02		ROD - RH (7 7/8" L)	1	
	13554-04	H	ROD - RH (5 5/8" L)	1	
-28	13554-03		ROD - LH (11" L)	1	
	13554-05	J	ROD - LH (8 1/2" L)	1	
-29	13556-00		ARM ASSEMBLY - LH	1	
-30	454 921		CLAMP - Hose (15/16")	6	
-31	82371-20	A	HOSE - Connecting, flexible (1" OD x 5/8" ID x 3-5/8" lg)	1	
	82371-16	BEKL	HOSE - Connecting, flexible (1" OD x 5/8" ID x 1-7/8" lg)	1	
	82371-97	H	HOSE - Connecting, flexible (1" OD x 5/8" ID x 6" lg)	1	
-32	82371-17	K	HOSE - Connecting, flexible (1" OD x 5/8" ID x 2-3/4" lg)	2	
	82371-97	J	HOSE - Connecting, flexible (1" OD x 4/8" ID x 6" lg)	2	
-33	13553-00	BEK	TUBE ASSEMBLY	1	
-34	11987-45	BEK	TUBE ASSEMBLY - Vent (7-1/2" L)	1	
	11987-57	J	TUBE ASSEMBLY - Vent (10" L)	1	
-35	460 651	BEK	CONNECTOR - (W/H 200 x 2)	2	

- A - Used on PA-18A airplanes with serial numbers 18-1262 to 18-3729 inclusive and 18-3731.
- B - Oberdorfer Gear Pump.
- C - Used on both sprayer and duster installation.
- D - Used on PA-18A airplanes with serial numbers 18-1970 to 18-3013 inclusive.
- E - 3/4" Centrifugal Pump.
- F - Used on PA-18A airplanes with serial numbers 18-3730, 18-3732 and up.
- G - Used with duster installation only.
- H - Used if Valve Kit 756 871 has been installed.
- J - Used if Valve Kit 756 872 has been installed.
- K - Used on PA-18A airplanes with serial numbers 18-1215 to 18-3013 inclusive.
- L - Used on airplanes when bottom sprayer plates attached to hopper tank with clamps.

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
19-36	454 883		CLAMP - Hose (1-1/4") No. 51-13	14	
-37	82371-18	B	HOSE - Connecting, flexible (1-11/16" OD x 1-1/4" ID x 2-3/4" lg)	5	
-38	13534-00	BCD	TUBE ASSEMBLY	1	
-39	13552-00	BC	TUBE ASSEMBLY	1	
-40	14141-00	DF	TUBE ASSEMBLY	1	
-41	13551-00	BC	TUBE ASSEMBLY	1	
-42	13515-00	BC	TUBE	1	
-43	14134-00	DF	TUBE	1	
-44	458 930	BCD	ELBOW - (AN842-21D)	1	
-45	13550-00		TUBE ASSEMBLY	1	
-46	460 669	G	PLUG - Pipe (W/H 3152 x 2)	1	
-47	13524-00	H	CLAMP ASSEMBLY	2	
	14808-00		BRACKET - Boom support to fuselage	2	
-48	82371-19		HOSE - Connecting, flexible (1-11/16" OD x 1-1/4" ID x 8" lg)	2	
-49	458 926		ELBOW - (AN842-10D)	2	
-50	492 025	A	VALVE - 1/2" Inlet (No. 130)	1	
	753 124	K	VALVE - 1/2" Inlet (No. 736)	1	
-51	13566-02		BOLT - Mounting, inlet valve	2	
	403 107	K	BOLT - (AN4-C12A)	2	
	404 888	K	NUT - (MS20365-428C)	2	
-52	13564-03		PLATE - Mounting, vellumoid	1	
	15289-00	K	PLATE - Mounting, aluminum	1	
-53	451 860		ADAPTER - (AN840-10D)	1	
-54	492 026	J	VALVE - 1", outlet (No. 130)	1	
	756 500	E	VALVE - 1", outlet (No. 736)	1	
-55	13566-03		BOLT - Mounting, outlet valve	2	
	403 107	E	BOLT - (AN4-C12A)	2	
	404 888	E	NUT - (MS20365-428C)	2	
-56	13561-03		PLATE - Mounting, vellumoid	1	
	15290-00	E	PLATE - Mounting, aluminum	1	

A - Not available. Valve Kit 756 871 will be supplied as a replacement. Order Part No. 753 124 if Valve Replacement Kit 756 871 has been installed.
 B - Used on PA-18A airplanes with serial numbers 18-1215 to 18-3013 inclusive.
 C - Oberdorfer Gear Pump.
 D - 3/4" Centrifugal Pump.
 E - Used if Valve Kit 756 872 has been installed.
 F - Used on PA-18A airplanes with serial numbers 18-1970 to 18-3013 inclusive.
 G - Two (2) each per ship with one (1) inch Simplex Pump Installation.
 H - Used on PA-18A airplanes with serial numbers 18-1 to 18-5533 inclusive.
 J - Not available. Valve Kit 756 872 will be supplied as a replacement. Order Part No. 756 500 if Valve Replacement Kit 756 872 has been installed.
 K - Used if Valve Kit 756 871 has been 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
19-57	72302-03	ABCD	BAIL NUT - No. 61P (452 017)	2	
-58	494 644	ABCD	BAIL - Wire No. 1P (452 018)	2	
-59	752 273	ABCD	BOWL - Seat No. 150P (453 130)	2	
-60	85012-32	ABCD	GASKET - Strainer (462 033)	2	
-61	402 821	ABCD	BOLT - (13566-02)	8	
-62	13560-04	ABCD	SCREEN ASSEMBLY	2	
-63	13966-00	ABCD	CAP	2	
-64	14108-03	ABCD	GASKET	2	
-65	80032-34	BCE	CLAMP - Attachment	1	
-66	13520-00	BCE	CABLE ASSEMBLY - Brake	1	
-67	13573-00	BF	PUMP ASSEMBLY - Sprayer (Oberdorfer Gear Pump)	1	
-68	751 830	BF	GASKET - Back plate	1	
-69	752 696	BF	PACKING - Pump shaft	1	
-70	13530-00	BCE	MOUNT ASSEMBLY - Propeller	1	18-1 to 18-5533 inclusive
	14827-00	G	MOUNT ASSEMBLY - Propeller, duster	1	
-71	13967-00	EH	ROD - Attachment	4	18-1970 and up
-72	13963-03	ABCD	PLATE ASSEMBLY - Hopper outlet, LH	1	
	13548-00	ABCJ	PLATE ASSEMBLY - Hopper outlet, LH	1	
-73	13963-02	ABCD	PLATE ASSEMBLY - Hopper outlet, RH	1	
	13549-00	BCFJ	PLATE ASSEMBLY - Hopper outlet, RH	1	
-74	13767-00	E	RING - Seal (426 011)	2	
-75	13557-00	E	GROMMET - Hopper opening seal	2	
-76	82732-80	BEFK	BEARING - Pump shaft	1	
-77	13965-00	ABCD	FITTING - Hopper, outlet	2	
-78	13560-00	BCFJ	SCREEN ASSEMBLY - Hopper outlet	2	

- A - Used on PA-18A airplanes with serial numbers 18-1970 to 18-3013 inclusive.
- B - Oberdorfer Gear Pump.
- C - 3/4" Centrifugal Pump.
- D - Used on airplanes with Oberdorfer Gear Pump or 3/4" Centrifugal Pump when bottom sprayer plates attached to hopper tank with rods.
- E - Used on both sprayer and duster installation.
- F - Used on PA-18A airplanes with serial numbers 18-1215 to 18-3013 inclusive.
- G - Used with duster installation only.
- H - Used only when duster agitator plate or bottom sprayer plates are attached to hopper tank with rods.
- J - Used on airplanes with Oberdorfer Gear Pump or 3/4" Centrifugal Pump when bottom sprayer plates attached to hopper tank with clamps.
- K - Used only when brake drum not equipped with bearing boss.

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
19-79	13564-02	FG	PLATE - Mounting, aluminum	1	
-80	13561-02	FG	PLATE - Mounting, aluminum	1	
-81	487 335	E	SPRING - Connecting	1	
-82	13559-00	BCFG	CAP - Hopper outlet	2	
-83	480 937	BCFG	PLUG - Pipe (W/H 3152 x 4)	2	
-84	13500-00	DEF	CLAMP ASSEMBLY - Hopper outlet	16	
-85	13501-00	DEF	BOLT	16	
-86	82371-19	A	HOSE - Flexible (1-11/16" OD x 1-1/4" ID x 8" lg)	1	

A - Used if Valve Kit 756 872 has been installed.
 B - Oberdorfer Gear Pump.
 C - 3/4" Centrifugal Pump.
 D - Used only when duster agitator plate or bottom sprayer plates are attached to hopper tank with clamps.
 E - Used on both sprayer and duster installation.
 F - Used on PA-18A airplanes with serial numbers 18-1215 to 18-3013 inclusive.
 G - Used on airplanes with Oberdorfer Gear Pump or 3/4" Centrifugal Pump when bottom sprayer plates attached to hopper tank with clamps.

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

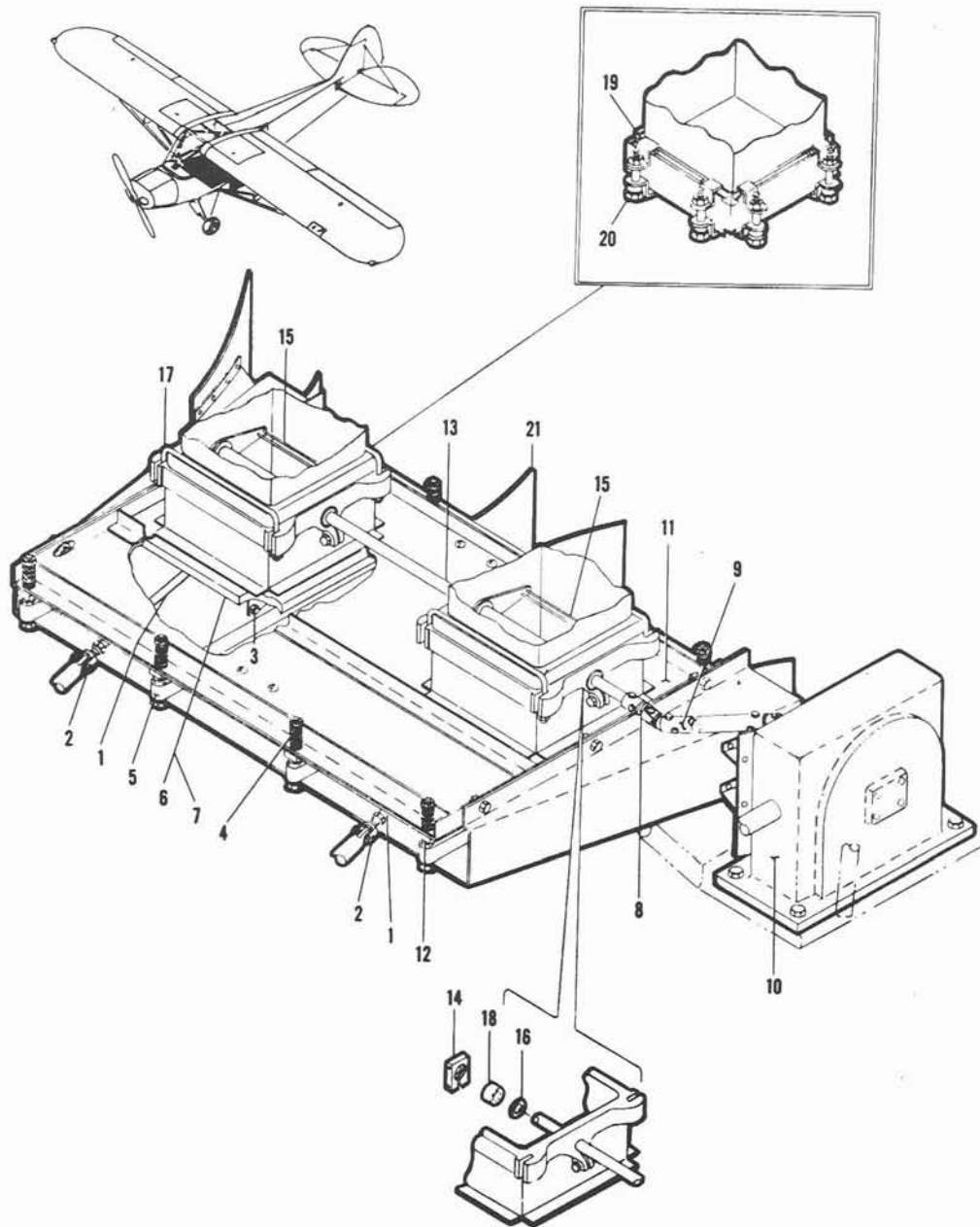


Figure 20. Duster Equipment Installation

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
			NOTE: See Figures 17 and 19 for duster installation parts not listed below. These parts are readily identified in the parts listing for Figures 17 and 19 by a code which reads "Used on Duster Installation only".		
20-	13641	A	DRAWING - Duster Installation		
	14365	B	DRAWING - Duster Installation		
-1	13634-00	A	ROD ASSEMBLY - Gate control	2	
	13634-02	B	ROD ASSEMBLY - Gate control	2	
-2	12605-02		CLEVIS - Rod assembly	1	
-3	13631-00	A	ROD - Attachment, control rod to gate	2	
-4	83302-28		SPRING	8	
-5	13632-00		TUBE ASSEMBLY - Gate retainer	4	
-6	13619-00	A	GATE ASSEMBLY - Dusting	2	
	14356-00	B	GATE ASSEMBLY - Dusting and seeding	2	
-7	13628-00	A	GATE ASSEMBLY - Seeding	2	
-8	13637-00		JOINT ASSEMBLY - Universal	2	
-9	13636-00		TUBE - Connector	1	18-1 to 18-5533 inclusive
	13636-02		TUBE - Connector	1	18-5534 and up
-10	13638-00		GEAR BOX ASSEMBLY	1	
-11	13641-02	A	PLATE ASSEMBLY - Duster agitator, complete	1	
	14353-00	B	PLATE ASSEMBLY - Agitator, complete	1	
-12	13598-00		STRIP - Rubbing	4	
-13	13594-00	A	SHAFT - Agitator drive	1	
	14348-00	B	SHAFT - Agitator	1	
-14	13595-00	CD	BLOCK	4	
-15	13596-00		AGITATOR ASSEMBLY	2	
-16	85012-81	A	WASHER	4	
	14347-00	B	WASHER	4	
-17	13967-00	EF	ROD - Attachment	4	18-1970 and up
-18	452 343	A	BEARING - (No. S-5-R-PP)	4	
	14360-00	B	BEARING	4	
-19	13500-00	EG	CLAMP ASSEMBLY - Hopper outlet	16	18-1215 to 18-3013 inclusive
-20	13501-00	EG	BOLT	16	18-1215 to 18-3013 inclusive
-21	13625-00	A	VENTURI ASSEMBLY	1	
	14349-00	B	VENTURI ASSEMBLY	1	
	14175-79	B	BUSHING - Spacer, gear box to propeller assembly	4	
	14435-00	B	PLATE - Cover, brake line	2	
	453 647	B	BUMPER - Snap in #4235	2	
			A - Used on PA-18A airplanes with serial numbers 18-1262 to 18-3729 inclusive and 18-3731.		
			B - Used on PA-18A airplanes with serial numbers 18-3730, 18-3732 and up.		
			C - Used on PA-18A airplanes with serial numbers 18-1215 to 18-3013 inclusive.		
			D - Used only when agitator plate is attached to hopper tank with clamps.		
			E - Used on both duster and sprayer installation.		
			F - Used only when duster agitator plate or bottom sprayer plates are attached to hopper tank with rods.		
			G - Used only when duster agitator plate or bottom sprayer plates are attached to hopper tank with clamps.		

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

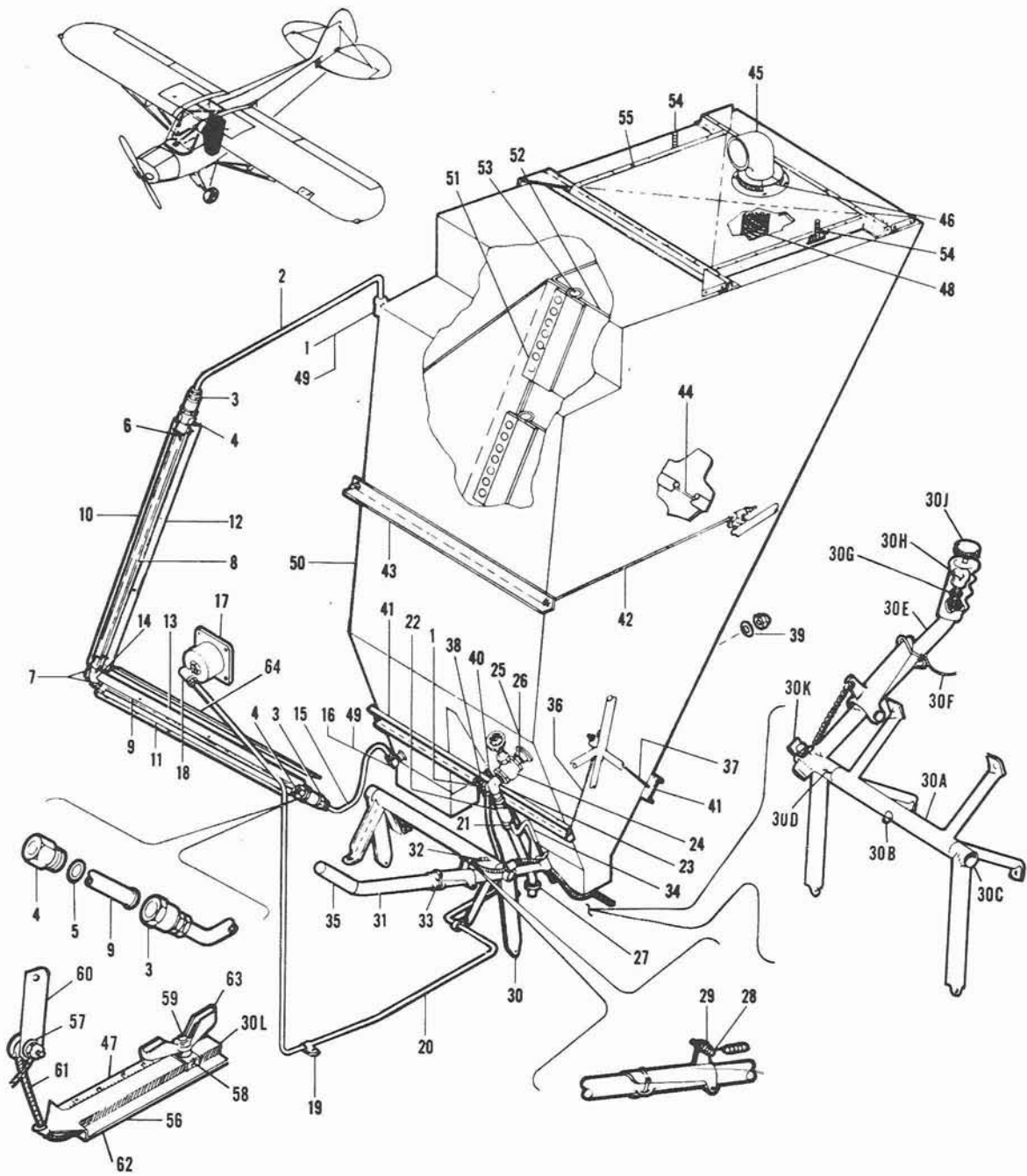


Figure 21. Hopper Installation

Figure and Index Number	Fart Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
21-	13546		DRAWING - Hopper Installation		
-1	13576-00		ELBOW	2	
-2	11987-49		TUBE ASSEMBLY - Aluminum, upper	1	
-3	460 685		CONNECTOR - (W/H 200 x 4)	2	
-4	455 159		CONNECTOR - (W/H 66 x 6A)	2	
-5	484 701		"O" RING - Packing (AN6227-7)	4	
-6	11473-41		CLIP - Retaining	4	
-7	454 924		CLAMP - Tinnerman (A3122-10)	2	
-8	13580-03		TUBE - Glass 19-1/8" (489 632) upper	1	
-9	13580-02		TUBE - Glass 29-1/4" (489 633) lower	1	
-10	14490-00		CHANNEL ASSEMBLY - Upper, includes windshield strip and calibrated strip	1	
-11	13579-00		CHANNEL ASSEMBLY - Lower	1	
-12	13581-00		STRIP - Calibrated, upper	1	18-1215 to 18-3013 inclusive
-13	13582-00		STRIP - Calibrated, lower	1	
-14	82371-21		HOSE - Connecting	1	
-15	11987-03		TUBE ASSEMBLY - Aluminum, lower	1	
-16	460 677		ELBOW - Lower (W/H 400 x 4)	1	
-17	13748-00		GAUGE - Pressure	1	
-18	458 906		ELBOW - (W/H 450 x 4)	1	
-19	80032-55		CLAMP - Attachment	2	
-20	11987-47		TUBE ASSEMBLY	1	
-21	454 882		CLAMP - Hose (1") (2 at pressure regulating valve)	2	
-22	82371-59		HOSE - Connecting, flexible (1" OD x 5/8" ID x 4-3/4" lg)	1	
-23	13577-00		ELBOW - Regulator valve	1	
-24	492 027		VALVE - 1/2" globe, pressure regulating (No. 107)	1	
-25	476 658		NIPPLE - (W/H 3326 x 8)	1	
-26	480 938		PLUG - Pipe (W/H 3152 x 8) (Used when sprayer equipment is not installed)	1	
-27	434 142		GROMMET - (AN931-14-20)	1	
-28	70371-03		STUD - Swivel fitting	1	
-29	70371-02		FITTING ASSEMBLY - Swivel	1	
-30	13503-00	A	LEVER ASSEMBLY - Hopper outlet control	1	
	14828-00		LEVER ASSEMBLY - Hopper outlet control	1	18-5295 and up
	14326-00	B	LEVER ASSEMBLY - Hopper outlet control	1	
-30a	14324-00		MOUNT ASSEMBLY	1	18-5295 and up
	14324-00	B	MOUNT ASSEMBLY	1	
-30b	460 690		FITTING - Grease	1	18-3633 and up
-30c	14819-00		ARM ASSEMBLY - R.H.	1	18-5295 and up
	14321-00	B	ARM ASSEMBLY - R.H.	1	
-30d	14826-00		ARM ASSEMBLY - L.H.	1	18-5295 and up
	14328-00	B	ARM ASSEMBLY - L.H.	1	
-30e	14322-03		LEVER ASSEMBLY	1	18-5295 and up
			A - used on PA-18A airplanes with serial numbers 18-1262 to 18-3632 inclusive.		
			B - Used on PA-18A airplanes with serial numbers 18-3633 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
21-30f	14818-00		CABLE - Indicator control	1	18-5295 and up
-30g	14822-00		ROD - Indicator control	1	18-5295 and up
-30h	14824-00		BUSHING - Indicator rod	1	18-5295 and up
-30j	14825-00		KNOB - Indicator control	1	18-5295 and up
-30k	80032-34		CLAMP - Brake cable	1	18-5295 and up
	80032-34	A	CLAMP - Cable	1	
-30l	14821-00		INDICATOR ASSEMBLY - Hopper	1	18-5295 and up
-31	13504-00	B	HANDLE ASSEMBLY - Propeller brake control	1	
	14322-00	A	LEVER ASSEMBLY	1	
-32	42891-00	B	SPRING - Brake release	1	
-33	13508-00	B	SPRING - Tension, brake keeper	1	
-34	13509-00	B	ROD - Hopper lever stop	1	
-35	463 364		GRIP - Handle, rubber	1	
-36	13284-04		ROD - Attachment, lower, front	2	
-37	13284-03		ROD - Attachment, lower, rear	2	
-38	80122-23		WASHER - Bottom, front	1	
-39	80122-10		WASHER - Bottom, rear	1	
-40	13757-00		ROD - Tie, lower	1	
-41	13467-00		CHANNEL ASSEMBLY - Hopper mounting, lower, front and rear	2	
-42	13284-05		ROD - Attachment, upper	2	
-43	13521-00		ANGLE - Hopper support, upper front	1	
-44	13284-02		ROD - Rear seat and hopper attachment	1	
-45	14104-00	CD	SCOOP ASSEMBLY - Hopper air	1	
-46	462 013	C	GASKET - (No. 1186)	1	
-47	14315-00	E	PLACARD - Hopper opening indicator	1	
-48	14101-00	C	SCREEN - Filler neck	1	
-49	460 669		PLUG - Pipe (W/H 3152 x 2) (Used when sprayer equipment not installed)	2	
-50	13378-04		HOPPER ASSEMBLY	1	
-51	14097-03	F	HINGE - Half (riveted to hopper)	6	
-52	14099-00	F	BAFFLE ASSEMBLY - Removable	2	
-53	14098-00	F	ROD - Attachment	6	
-54	13301-00	G	ROD - Hopper door attachment (threaded)	2	
-55	406 779		NUT - Anchor (Boots No. W2SE1032)	36	

- A - Used on PA-18A airplanes with serial numbers 18-3633 to 18-5294 inclusive.
- B - Used on PA-18A airplanes with serial numbers 18-1262 to 18-3632 inclusive.
- C - Used on airplanes with serial numbers 18-2493, 18-2494, 18-2496, 18-2499, 18-2503, 18-2504, 18-2509 and up.
- D - Used on both duster sprayer installation.
- E - Used on PA-18A duster airplanes with serial numbers 18-3640 to 18-5294 inclusive.
- F - Used on airplanes with serial numbers 18-2491, 18-2494, 18-2499 and up.
- G - Used only when hopper door handles not installed on aircraft.

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
21-56	14325-02	A	INDICATOR ASSEMBLY - Hopper opening	1	
-57	14287-00	A	WASHER - Retainer	1	
-58	14316-00	A	POINTER	1	
-59	14317-00	A	BOLT - Stop	1	
-60	14318-00	A	LINK - Attachment (cable to lever)	1	
-61	14319-02	A	CABLE ASSEMBLY	1	
-62	14320-00	A	PLATE ASSEMBLY	1	
-63	477 641	A	NUT - Wing (#BA1457-A)	1	
-64	14953-00		STRIP - Hopper gauge lower calibration	1	
<p>A - Used on PA-18A duster airplanes with serial numbers 18-3640 to 18-5294 inclusive.</p>					

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
22-	13714		DRAWING - Cargo Compartment Installation		
-1	13709-03		STRAP ASSEMBLY - Tip end	2	
-2	13709-02		STRAP ASSEMBLY - Buckle end	2	
-3	13707-00		BRACKET - Attachment, front, LH	1	
-4	13707-01		BRACKET - Attachment, front, RH	1	
-5	13708-00		BRACKET - Attachment, rear	2	
-6	13715-00		COVER ASSEMBLY - Torque tube	1	
-7	13703-00		PANEL - Floor (when electrical equipment is installed)	1	
-8	13703-21		PANEL - Floor (when electrical equipment is not installed)	1	
-9	13706-00		PLUNGER - Panel attachment	4	
-10	13704-00		SPACER - Front plunger attachment	2	
-11	13705-00		FITTING - Plunger attachment	4	
-12	487 304		SPRING - Plunger attachment	4	

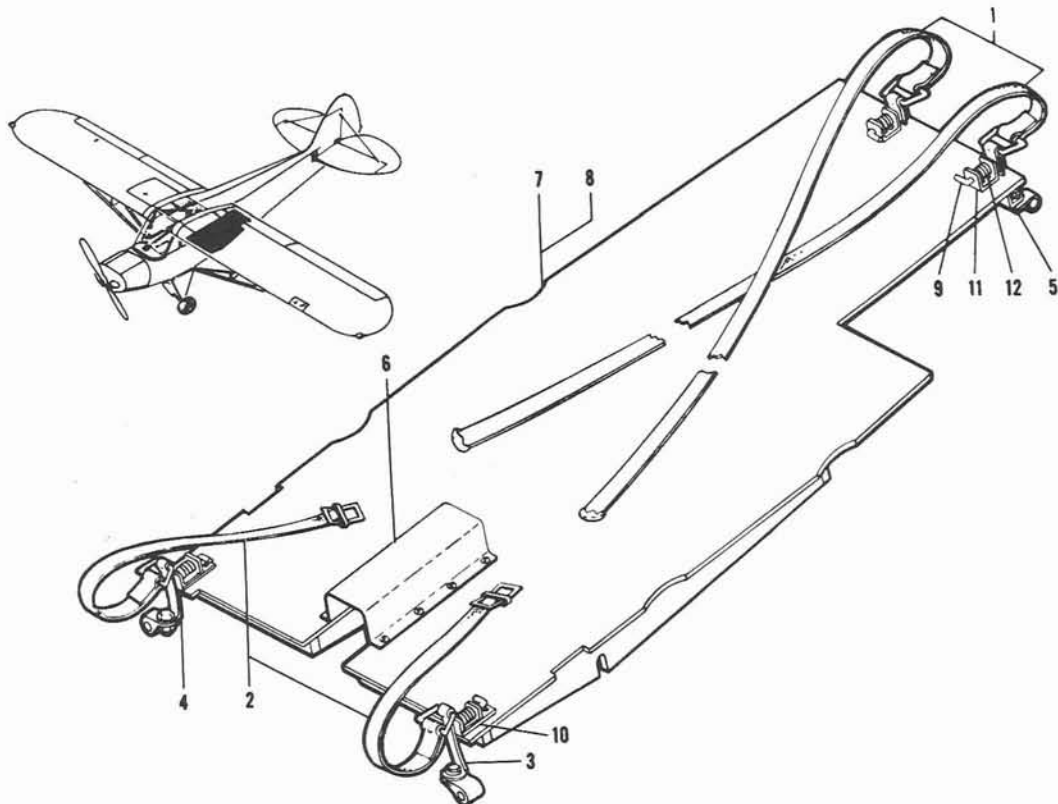


Figure 22. Cargo Compartment Installation

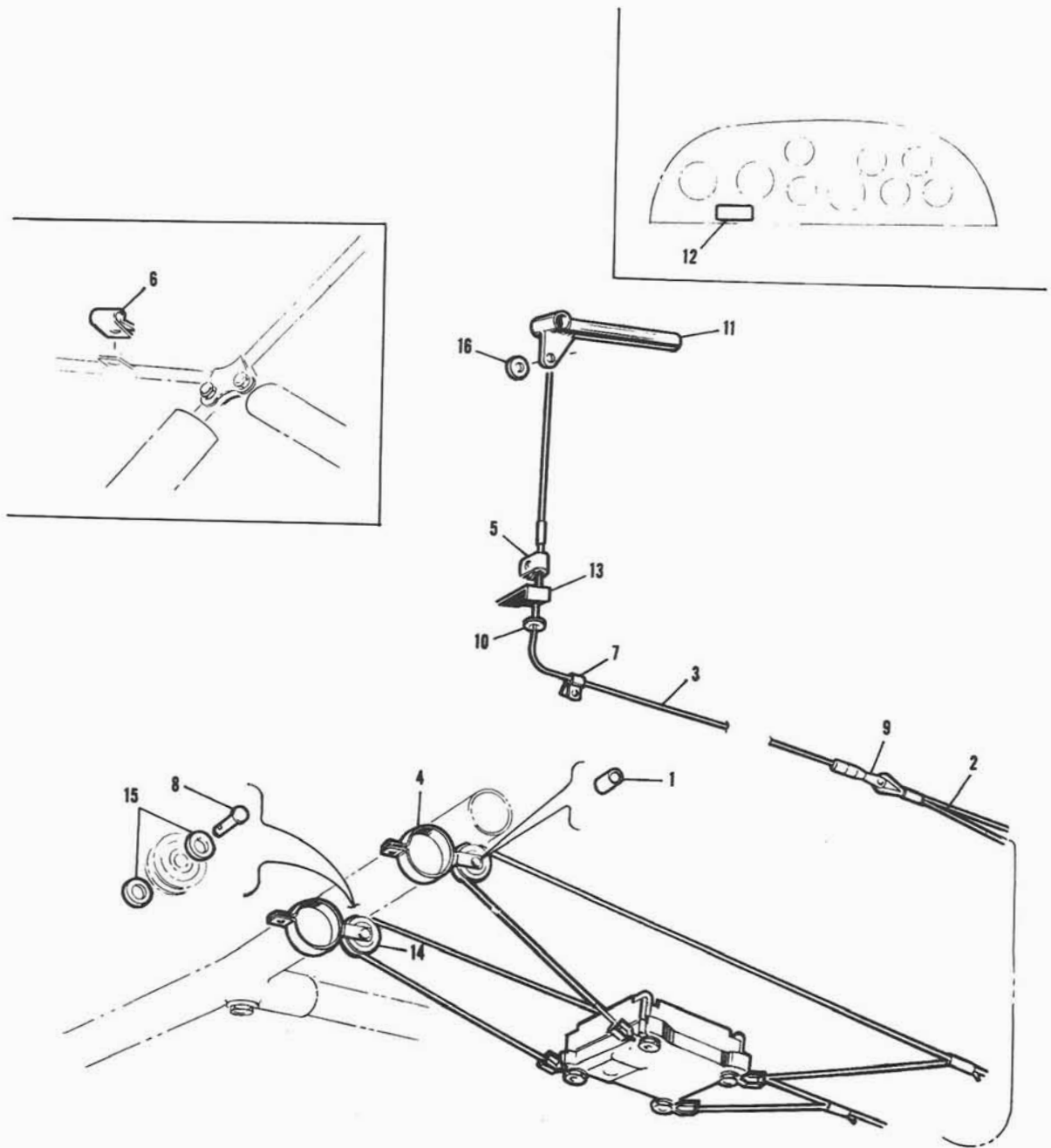


Figure 22A. Emergency Dump Installation

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
22A-1	80012-04	A	BUSHING - Insert, dump cable pulley	2	
-2	14282-00	A	CABLE ASSEMBLY - Emergency dump, rear	1	
-3	14281-00	A	CABLE ASSEMBLY - Emergency dump, front	1	
-4	14280-00	A	CLAMP ASSEMBLY - Dump cable pulley	2	
-5	10466-08	A	CLAMP - Cable emergency dump	1	
-6	80032-34	A	CLAMP - Dump cable support	1	
-7	80032-39	A	CLAMP - Offset, attachment (dump cable support clamp)	1	18-1 to 18-5294 inclusive
-8	424 177	A	CLEVIS PIN - Emergency dump cable installation, rear (AN393-17)	2	
-9	424 173	A	CLEVIS PIN - Emergency dump cable attachment, (AN393-9)	1	
-10	434 128	A	GROMMET - Dump valve cable installation (AN931-4-7)	1	
-11	14279-00	A	LEVER ASSEMBLY - Emergency dump	1	
-12	14290-00	A	PLACARD - Emergency dump lever	1	
-13	14278-00	A	PLATE - Guide dump cable	1	
-14	80421-00	A	PULLEY - Cable, emergency dump	2	
-15	80122-18	A	WASHER - Pulley installation dump cable	4	
-16	14287-00	A	WASHER - Retainer dump cable attachment	1	

A - Used on PA-18A airplanes with serial numbers 18-3014 and up.

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

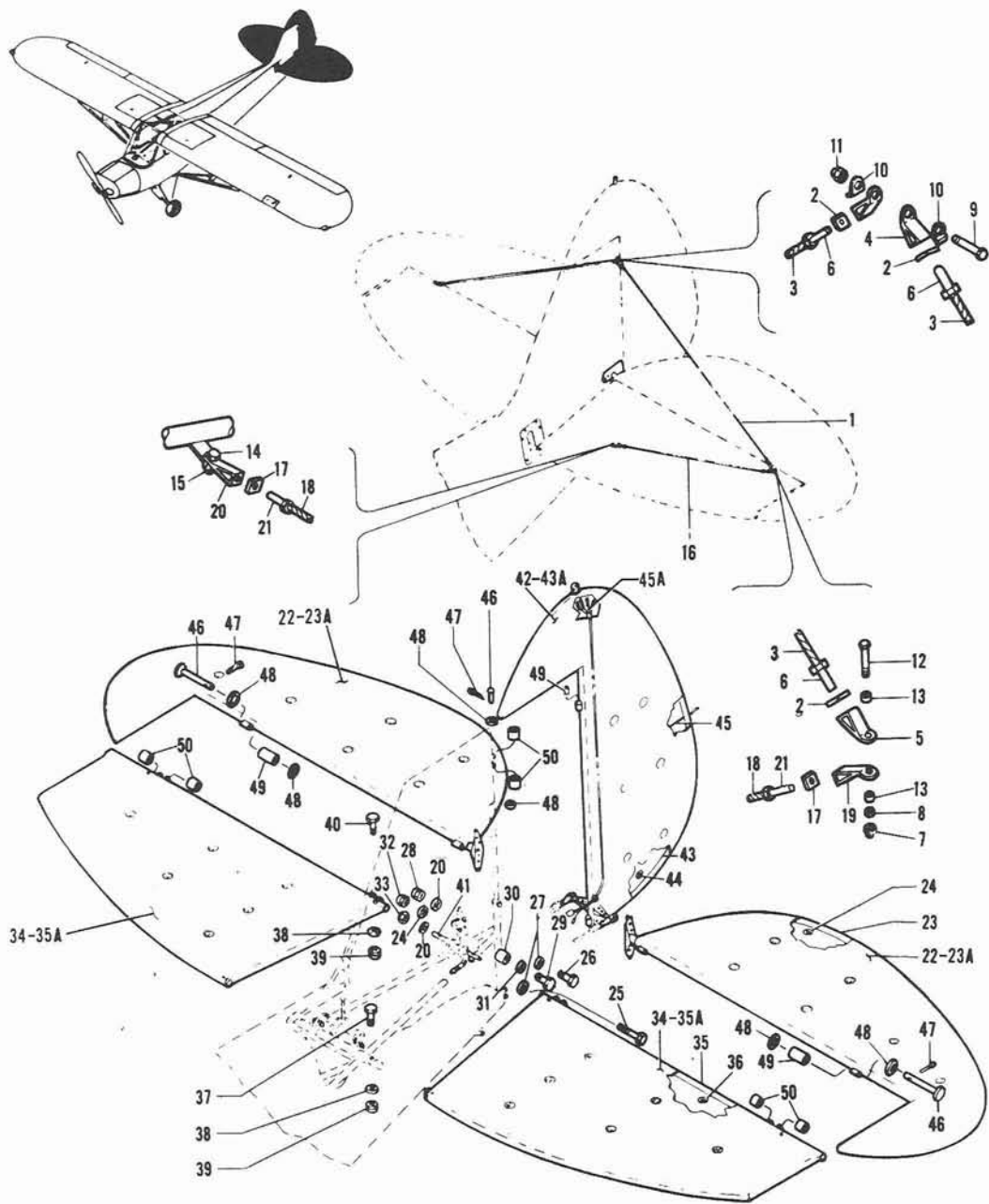


Figure 23. Tail Surface Installation

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
23-	10918		DRAWING - Tail Surface Installation		
-1	10555-02		WIRE ASSEMBLY - Brace, upper	2	
-2	81102-02		WASHER - Square	2	
-3	41031-02		WIRE	1	
-4	40521-08		CLEVIS	1	
-5	40521-07		CLEVIS	1	
-6	41051-00		NIPPLE	2	
-7	406 681		NUT - (No. 22M02 elastic stop nut)	2	
-8	407 564		WASHER - (AN960-10)	2	
-9	401 315		BOLT - (AN4-15A)	1	
-10	40131-00		WASHER - Fin tail brace	2	
-11	406 682		NUT - (No. 42E028 elastic stop nut)	1	
-12	401 274		BOLT - (AN3-15A)	2	
-13	82732-72		BUSHING	4	18-687, 18-692 and up
	80012-06	A	BUSHING	4	
-14	401 266		BOLT - (AN3-5A)	2	
-15	406 681		NUT - (No. 22M02 elastic stop nut)	2	
-16	10556-02		WIRE ASSEMBLY - Brace, lower	2	
-17	81102-02		WASHER - Square	2	
-18	41031-03		WIRE	1	
-19	40521-09		CLEVIS	1	
-20	40531-00		CLEVIS	1	
-21	41051-00		NIPPLE	2	
-22	12789-00		ELEVATOR ASSEMBLY - Fabric covered, "105", "125", "135" and "150", LH	1	18-1 to 18-8919 inclusive
	12789-04		ELEVATOR ASSEMBLY - Ceconite covered, "150", LH	1	18-8920 and up
	12789-01		ELEVATOR ASSEMBLY - Fabric covered, "105", "125", "135" and "150", RH	1	18-1 to 18-8919 inclusive
	12789-05		ELEVATOR ASSEMBLY - Ceconite covered, "150", RH	1	18-8920 and up
-23	12770-00		ELEVATOR ASSEMBLY - Uncovered, "150", "125", "135" and "150"	2	
	40572-00		ELEVATOR ASSEMBLY - Uncovered, "95"	2	
-23a	459 116		ENVELOPE - Elevator assembly, ceconite	1	18-8920 and up
-24	80122-53		GROMMET - (5 per elevator, "105", "125" and "135") (4 per elevator, "95")	2	
-25	400 440		BOLT - (AN3-6A)	1	
-26	401 266		BOLT - (AN3-5A)	1	
-27	407 564		WASHER - (AN960-10)	4	
-28	406 681		NUT - (No. 22M02 elastic stop nut)	1	
-29	400 003		BOLT - (AN4-6A)	1	
-30	80012-17		BUSHING	1	
-31	407 565		WASHER - (AN960-416)	2	
-32	406 682		NUT - No. 42E048 elastic stop nut)	1	
-33	404 100		NUT - (AN310-3)	1	
			A - Used on PA-18 airplanes with serial numbers 18-1 to 18-686 inclusive, 18-688, 18-689, 18-690 and 18-691.		

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
23-34	12790-00		STABILIZER ASSEMBLY - Fabric covered, "105", "125", "135" and "150", LH	1	18-1 to 18-8919 inclusive
	12790-04		STABILIZER ASSEMBLY - Ceconite covered, "150", LH	1	18-8920 and up
	12790-01		STABILIZER ASSEMBLY - Fabric covered, "105", "125", "135" and "150", RH	1	18-1 to 18-8919 inclusive
	12790-05		STABILIZER ASSEMBLY - Ceconite covered, "150", RH	1	18-8920 and up
	41652-00		STABILIZER ASSEMBLY - Fabric covered, "95", LH	1	
	41652-01		STABILIZER ASSEMBLY - Fabric covered, "95", RH	1	
-35	12769-00		STABILIZER ASSEMBLY - Uncovered, "105", "125", "135" and "150"	1	
	40643-00		STABILIZER ASSEMBLY - Uncovered, "95"	1	
-35a	459 115		ENVELOPE - Stabilizer assembly, ceconite	1	18-8920 and up
-36	80122-53		GROMMET - Drain	8	
-37	400 444		BOLT - (AN3-13A)	2	
-38	407 564		WASHER - (AN960-10)	4	
-39	406 681		NUT - (No. 22M02 elastic stop nut)	4	
-40	400 443		BOLT - (AN3-12A)	2	
-41	86062-79		TUBE - Liner, rear	1	
-42	12573-00		RUDDER ASSEMBLY - Fabric covered	1	18-1 to 18-8919 inclusive
	12573-02		RUDDER ASSEMBLY - Ceconite covered	1	18-8920 and up
	12573-03	A	RUDDER ASSEMBLY - Ceconite covered	1	18-7509123 and up
-43	40622-07		RUDDER - Uncovered	1	
	15726-02	A	RUDDER - Uncovered	1	18-7509123 and up
-44	80122-53		GROMMET - Drain	2	
-45	12177-39		WIRE ASSEMBLY - Tail light	1	
-45a	15727-02	A	HARNESSE ASSEMBLY - Strobe light	1	18-7509123 and up
-46	424 224		PIN - Hinge (AN394-55)	6	
-47	424 051		PIN - Cotter (AN380-2-2)	6	
-48	80122-86		WASHER	12	
-49	80022-44		BUSHING - Bronze, long	6	
-50	80022-45		BUSHING - Bronze, short	12	

A - Used if strobe light is installed.

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

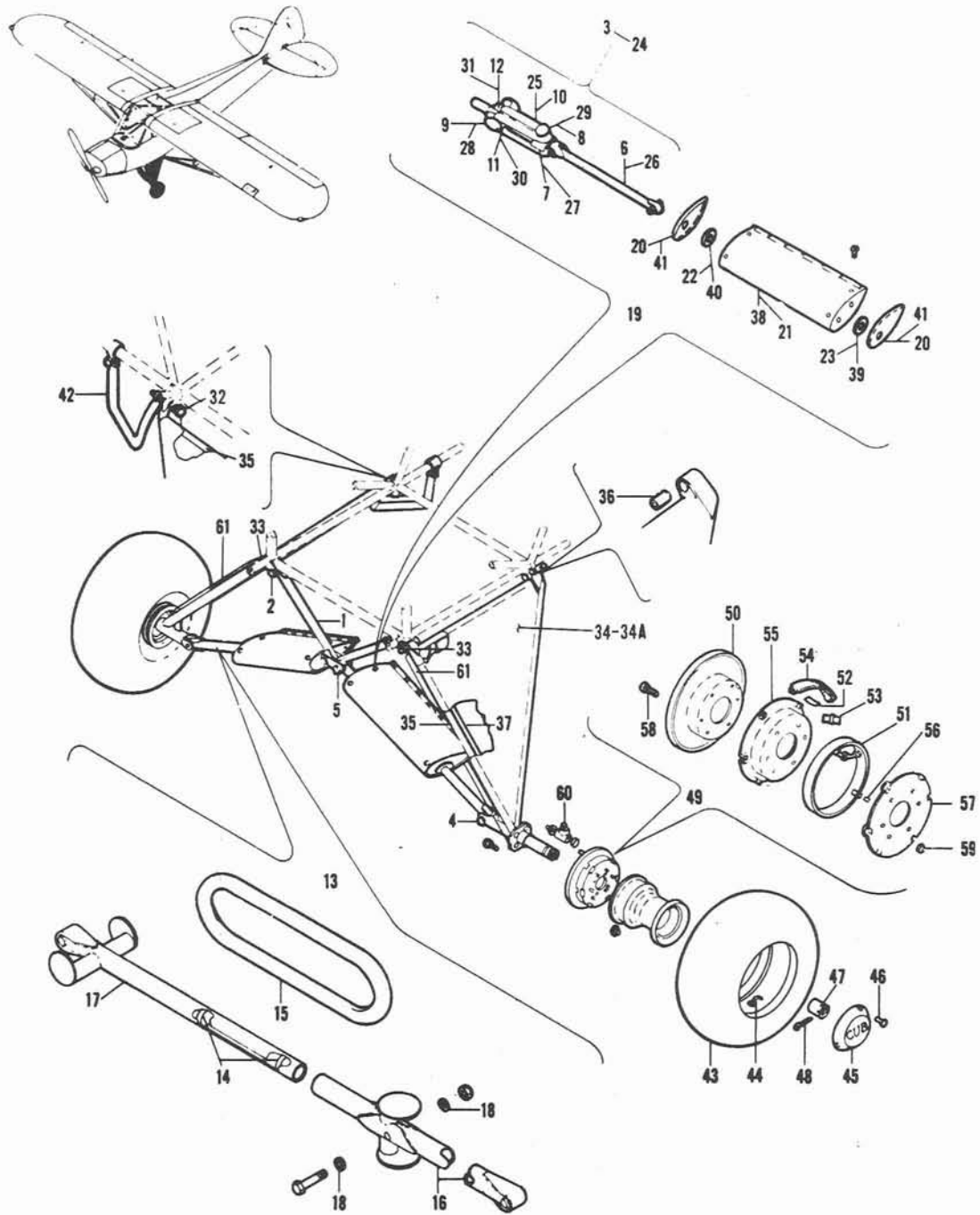


Figure 24. Landing Gear Installation

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
24-	10534	A	DRAWING - Landing Gear Installation DRAWING - No. 14390, Model 89-2000 floats (Secure from Edo Aircraft Corporation) "125", "135" and "150"		(PA-18 only) 18-549 and up
		F	DRAWING - 92-S-218, Model 92-1400 floats (Secure from Edo Aircraft Corporation) "105", "125" and "135"		
	12554	F	DRAWING - Seaplane, "105", "125" and "135"		
	14185	B	DRAWING - Power Plant Modification for EDO Model No. 89-2000 floats, "125"		18-549 to 18-1969 inclusive
	13253		DRAWING - Complete Airplane (Seaplane)		(PA-18A only) 18-1215 to 18-3770, 18-3772 to 18-3785 inclusive
	14479		DRAWING - Landing Gear Installation		18-3771, 18-3781 and up
	14512		DRAWING - Float Installation (#89-2000 Edo Floats) "135" and "150"		18-3771, 18-3781 and up
-1	30602-06	A	VEE ASSEMBLY - Cabane	1	
	30602-07	CD	VEE ASSEMBLY - Cabane	1	
	30602-10		VEE ASSEMBLY - Cabane	1	(PA-18A only) 18-5295 and up
-2	401 318	A	BOLT - (AN4-20A)	2	
	407 565		WASHER - (AN960-416)	2	
	406 682		NUT - (No. 42E048)	2	
	401 359		BOLT - (AN5-20A)	2	18-3771, 18-3781 and up
-3	12998-00	E	STRUT ASSEMBLY - Shock complete (Hydrasorb unit)	2	
-4	400 213		BOLT - (AN6-20)	4	
	407 567		WASHER - (AN960-616)	8	
	404 103		NUT - (AN310-6)	4	
	424 059		PIN - Cotter (AN380-3-3)	4	
-5	400 212		BOLT - (AN6-17) See item 4 for washer, nut and pin	2	
<p>A - Used on airplanes with serial numbers 18-1 to 18-3770 inclusive, 18-3772 to 18-3780 inclusive. B - Used when Model 89-2000 floats installed on PA-18 and PA-18A airplanes Model "125" only. C - Used on PA-18 airplanes with serial numbers 18-3771, 18-3781 and up. D - Used on PA-18A airplanes with serial numbers 18-3771, 18-3786 to 18-5294 inclusive. E - Optional equipment on all PA-18 airplanes and on all PA-18A standard airplanes up to 18-3013 and on PA-18A restricted category airplanes up to and including serial numbers 18-2186. Standard equipment on PA-18 "95" models with serial numbers 18-3014 and up. F - Used on PA-18 airplanes with serial numbers 18-1 to 18-3770 inclusive, 18-3772 to 18-3780 inclusive.</p>					

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
24-6	12844-03	A	STRUT ASSEMBLY - Shock, long	1	
-7	487 558		STRUT ASSEMBLY - Shock, short (Hydrasorb unit)	1	
-8	12875-00		FITTING ASSEMBLY - Shock strut, lower end	1	
-9	12845-00		FITTING ASSEMBLY - Shock strut, upper end	1	
-10	31322-06	B	RING - Shock cord (451 352) 5/8"	2	
-11	85012-57		WASHER - Bumper, upper	1	
-12	480 691		PIN	1	
-13	10536-02	CD	STRUT ASSEMBLY - Shock, complete (used when hydrasorb unit not installed)	2	
-14	81232-30	CD	BUMPER - Leather	2	
-15	31322-05	CD	RING - Shock cord	2	
-16	10537-02	CD	STRUT ASSEMBLY - Shock, long	1	
-17	31392-00	CD	STRUT ASSEMBLY - Shock, short	1	
-18	80122-16	CD	WASHER - Strut attachment, long to short	3	
-19	14088-00	E	STRUT ASSEMBLY - Shock, complete (Hydrasorb unit) "135"	2	
	14088-02		STRUT ASSEMBLY - Shock, complete (Hydrasorb unit) "135" and "150"	2	18-3014 and up
-20	14093-00	F	PLATE - End, shock cord cover, "135" and "150"	2	
-21	14094-00	F	COVER - Shock cord, "135" and "150"	1	
-22	434 142		GROMMET - Upper (AN931-14-20)	1	
-23	434 144		GROMMET - Lower (AN931-16-22)	1	

A - Optional equipment on all PA-18 and PA-18A standard airplanes up to and including serial numbers 18-3013. Standard equipment on all PA-18A (restricted category) airplanes with serial numbers 18-2187 to 18-3013 inclusive and on all model PA-18 "95" airplanes with serial numbers 18-3014 and up.

B - Optional equipment on all PA-18 airplanes and on all PA-18A standard airplanes up to and including serial numbers 18-3013 and PA-18A restricted category airplanes up to and including serial numbers 18-2186 inclusive. Standard equipment on PA-18 "95" models with serial numbers 18-3014 and up.

C - Hydrasorb shock strut No. 14088-00 is standard equipment on all PA-18A restricted category airplanes with serial numbers 18-2187 to 18-3013 inclusive.

D - Used on airplanes with serial numbers 18-1 to 18-3013 inclusive.

E - Used on all PA-18A restricted category airplanes with serial numbers 18-2187 to 18-3013 inclusive.

F - Used on PA-18A restricted airplanes with serial numbers 18-2187 and up and on PA-18 and PA-18A standard airplanes with serial numbers 18-3014 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
24-24	12998-02	A	STRUT ASSEMBLY - Shock, "135"	1	
	12998-03		STRUT ASSEMBLY - Shock, "135" and "150"	1	18-3014 and up
-25	31322-05	B	RING - Shock cord, 3/4", "135" and "150"	2	
-26	12844-03	CD	STRUT ASSEMBLY - Shock, long	1	
	12844-04		STRUT ASSEMBLY - Shock, long, "135" and "150"	1	18-3014 and up
-27	487 558		STRUT ASSEMBLY - Shock, short (Hydrasorb unit)	1	
-28	12845-00		FITTING ASSEMBLY - Shock strut end, upper	1	
-29	12875-00		FITTING ASSEMBLY - Shock strut end, lower	1	
-30	85012-57		WASHER - Bumper, upper	1	
-31	480 691		PIN	1	
-32	400 220		BOLT - (AN6-27) RH	1	
	407 567		WASHER - (AN960-616)	2	
	85012-12		WASHER	AR	
	404 103		NUT - (AN310-6)	1	
	424 059		PIN - Cotter (AN380-3-3)	1	
-33	400 219		BOLT - (AN6-26)	3	
	407 567		WASHER - (AN960-616)	3	
	85012-12		WASHER	AR	
	404 103		NUT - (AN310-6)	3	
	424 059		PIN - Cotter (AN380-3-3)	3	
-34	10032-06		GEAR ASSEMBLY - Landing, fabric covered, LH	1	18-1 to 18-8919 inclusive
	10032-08		GEAR ASSEMBLY - Landing, ceconite covered, LH	1	18-8920 and up
	10032-05		GEAR ASSEMBLY - Landing, fabric covered, RH	1	18-1 to 18-8919 inclusive
	10032-07		GEAR ASSEMBLY - Landing, ceconite covered, RH	1	18-8920 and up
-34a	459 113		ENVELOPE - Landing gear assembly, ceconite	1	18-8920 and up
-35	10033-06		GEAR ASSEMBLY - Landing, uncovered, LH	1	
	10033-05		GEAR ASSEMBLY - Landing, uncovered, RH	1	
-36	80022-63		BUSHING - Insert	2	
-37	10034-00		LINE ASSEMBLY - Brake	1	
-38	10566-00	C	COVER ASSEMBLY - Shock cord (used when hydrasorb unit is not installed)	2	
	10566-05	E	COVER ASSEMBLY - Shock cord (used with hydrasorb unit)	2	
			<p>A - Used on all PA-18A restricted category airplanes with serial numbers 18-2187 to 18-3013 inclusive.</p> <p>B - Used on PA-18A restricted airplanes with serial numbers 18-2187 and up. Also used on PA-18 and PA-18A standard airplanes with serial numbers 18-3014 and up.</p> <p>C - Used on PA-18 airplanes with serial numbers 18-1 and up. Also used on PA-18A airplanes with serial numbers 18-1215 to 18-3013 inclusive.</p> <p>D - Optional equipment on PA-18 and PA-18A standard airplanes with serial numbers 18-1 to 18-3013 inclusive. Standard equipment on all PA-18A restricted airplanes with serial numbers 18-2187 to 18-3013 inclusive. Used on PA-18 "95" airplanes with serial numbers 18-3014 and up.</p> <p>E - Optional equipment on all PA-18 airplanes and on all PA-18A standard airplanes with serial numbers 18-1 to 18-3013 inclusive and on PA-18A restricted category airplanes up to and including serial numbers 18-2186. Standard equipment on PA-18 "95" airplanes with serial numbers 18-3014 and up.</p>		

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
24-39	434 144		GROMMET - Rubber (AN931-16-22) lower	2	
-40	434 142		GROMMET - Rubber (AN931-14-20) upper	2	
-41	10567-00	A	PLATE - End, shock cord cover	4	
-42	81903-03		STEP ASSEMBLY - Landing gear	1	
-43	451 722		TIRE - 8:00 x 4 (4 ply)	2	
-44	451 740		TUBE - 8:00 x 4	2	
-45	31702-00		CAP - Hub	2	
-46	415 772		SCREW - 10-24 x 3/8" lg. (AN515-10-6)	6	
-47	30491-00		NUT - Axle	2	
-48	424 065		PIN - Axle nut	2	
-49	451 702		BRAKE SHOE ASSEMBLY - (D-2-113)	2	
-50	750 035		FAIRING - Dust cover	1	
-51	750 031		TUBE ASSEMBLY - Expander rubber	1	
-52	750 029		SPRING - Retracting	6	
-53	750 893		SHIELD - Tube protector	6	
-54	750 033		BLOCK - Brake	6	
-55	750 039		FRAME - Brake	1	
-56	750 016		SPACER - Nozzle	1	
-57	750 041		FLANGE - Brake frame	1	
-58	750 005		SCREW - Fillister head, No. 10-32 x 3/8" lg	6	
-59	406 681		NUT - Stop, No. 10-32	6	
-60	451 771		FITTING - Brake bleeder	2	
-61	13674-00	B	CUTTER ASSEMBLY - Wire	2	(PA-18A only) 18-1215 and up

A - Used on PA-18 airplanes and PA-18A standard airplanes with serial numbers 18-1 to 18-3013 inclusive and PA-18A restricted category airplanes up to and including serial numbers 18-2186. Also used on PA-18 "95" airplanes only with serial numbers 18-3014 and up.

B - Used on both duster and sprayer installation.

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
25-1	451 760		WHEEL AND BRAKE DRUM ASSEMBLY - (D-3-13-A-1)	2	
-2	750 025		LOCK RING - Side	1	
-3	750 026		LOCK RING - Felt retainer	2	
-4	750 010		FELT - Retainer	4	
-5	750 065		FELT - Grease retaining	2	
-6	750 063		CONE - Bearing	2	
-7	750 064		CUP - Bearing	2	
-8	750 006		PIN - Anchor	1	
-9	750 028		CASTING - Side	1	
-10	750 895		RIVET - Brake drum	6	
-11	750 894		DRUM - Brake	1	

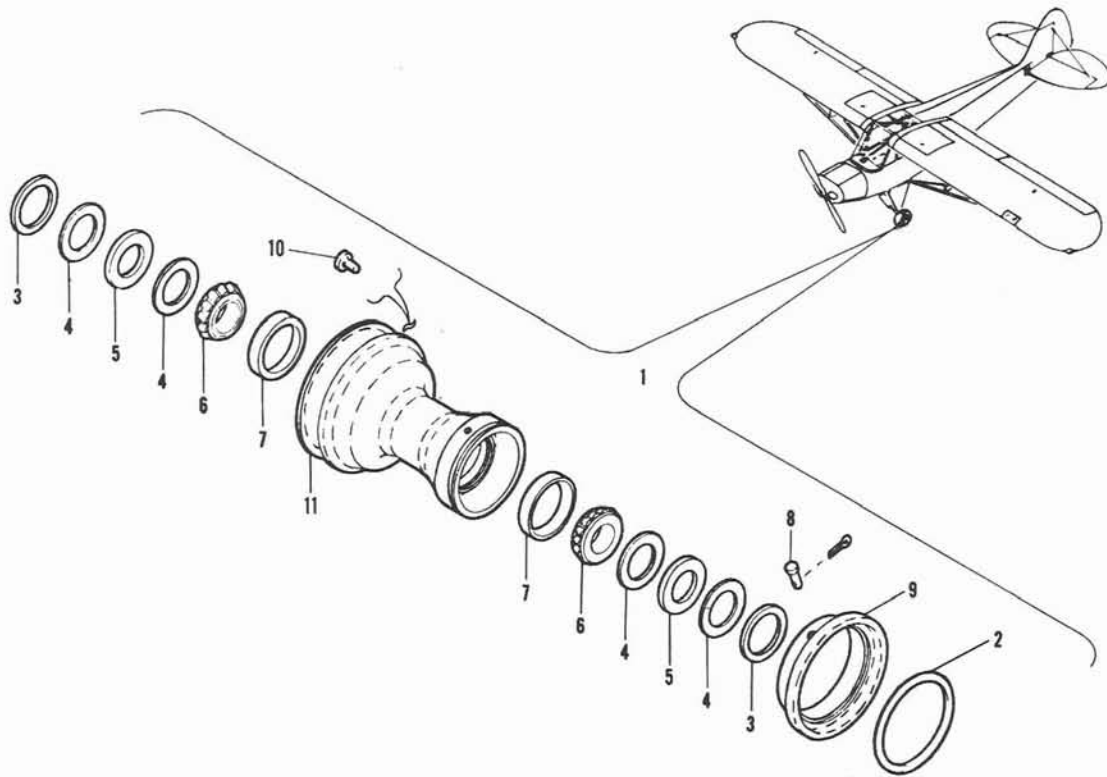


Figure 25. Wheel and Brake Drum Assembly

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
26-	12671		DRAWING - Wheel Fender Installation		
-1	750 954		FENDER SETS	1	
	12516-00		FENDER - LH	1	
	12516-01		FENDER - RH	1	
	751 375		FENDER BRACKET SETS - (Used when landing gear is equipped with bracket stop)	1	
-2	12904-00		BRACKET - (Used when landing gear is equipped with bracket stop) LH	1	
	12904-01		BRACKET - (Used when landing gear is equipped with bracket stop) RH	1	
-3	12572-00		TUBE ASSEMBLY - Fender axle	2	
	750 957		FENDER BRACKET SETS - (Used when landing gear is not equipped with bracket stop)	1	18-1 to 18-548 inclusive
-4	12572-00		TUBE ASSEMBLY - Fender axle	2	
-5	12568-00		BRACKET - (Used when landing gear is not equipped with bracket stop) LH	1	18-1 to 18-548 inclusive
	12568-01		BRACKET - (Used when landing gear is not equipped with bracket stop) RH	1	18-1 to 18-548 inclusive

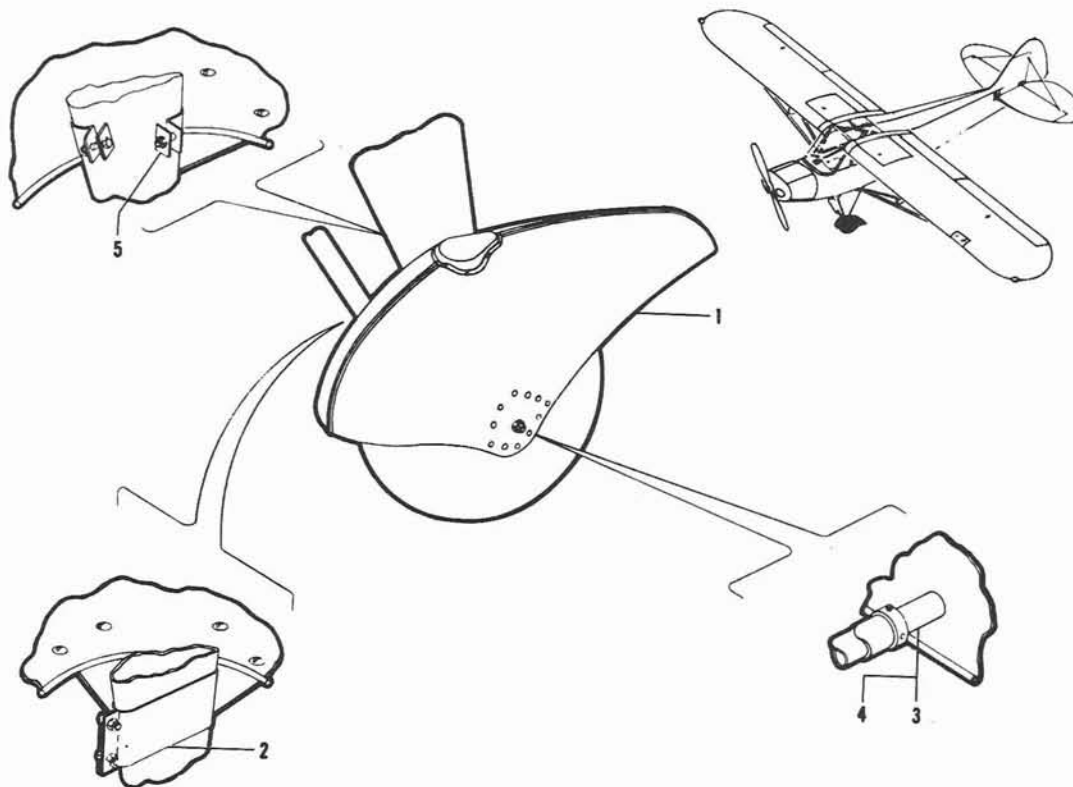


Figure 26. Wheel Fender Installation

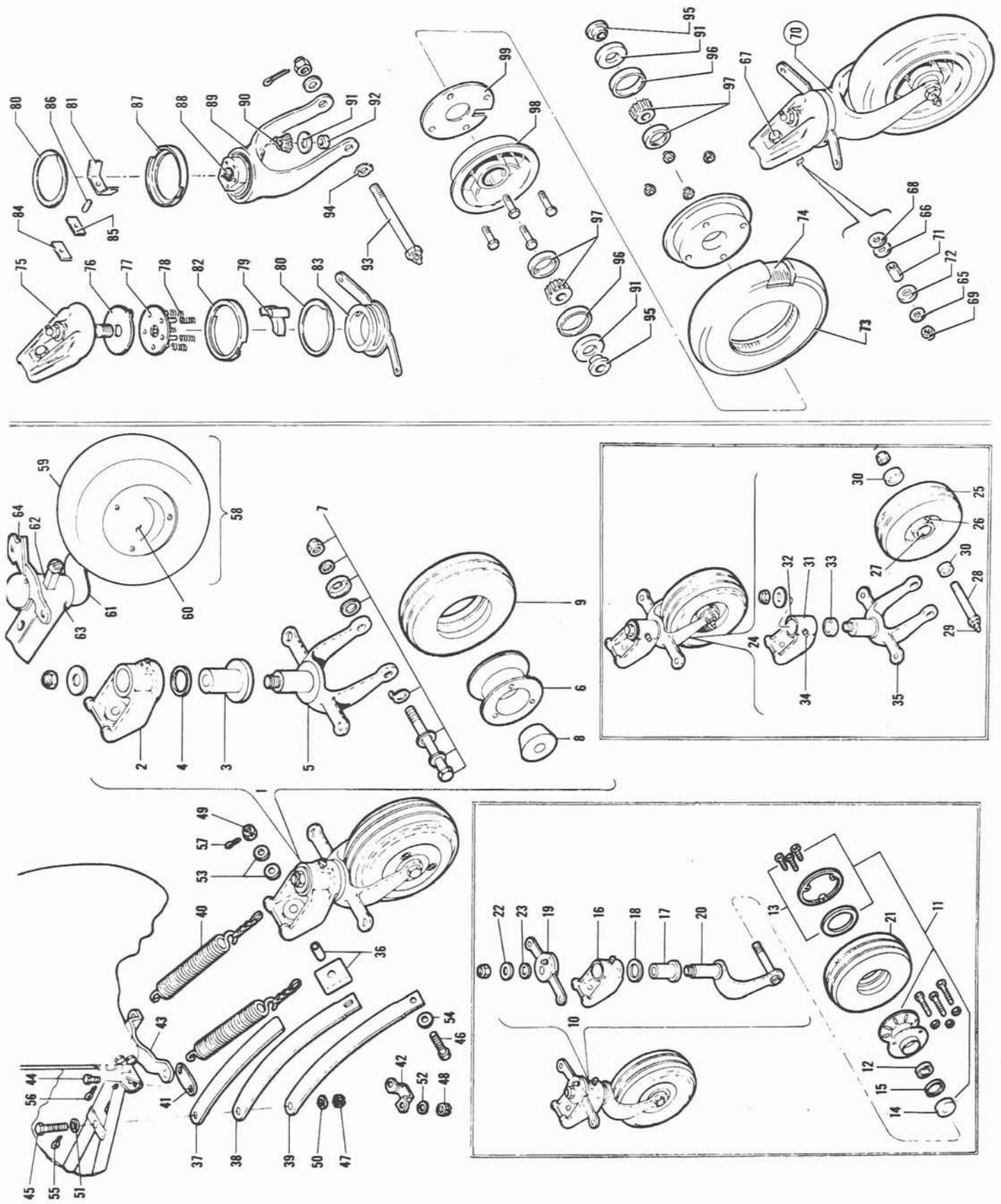


Figure 27. Tail Wheel Installation

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
TAIL WHEEL SPECIAL NOTE					
When ordering replacement tail wheels or their component parts for domestic PA-18 airplanes, PA-18A airplanes and export PA-18 airplanes, 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.					
27-	10030 13759	A	DRAWING - Tail Wheel Installation DRAWING - Tail Wheel Installation		18-1251 and up
-1	451 602	B	TAIL WHEEL ASSEMBLY - (Scott Model No. 3000A-1) (steerable)	1	
-2	750 635		BRACKET	1	
-3	750 722		BUSHING - (Scott)	1	
-4	750 898		CAP - Bushing	1	
-5	750 636		FORK	1	
-6	750 369		HUB ASSEMBLY	1	
-7	750 367		AXLE ASSEMBLY - (With grease fittings and hub caps)	1	
-8	750 354		BEARING	2	
-9	750 372		TIRE - (6:00 x 2)	1	
-10	451 610	C	TAIL WHEEL ASSEMBLY - (Scott Model No. 3-24-B) (Full swivel)	1	
-11	750 752		WHEEL ASSEMBLY - Less tire	1	
-12	750 746		BEARING	2	
-13	750 638		CAP - Hub	1	
-14	750 749		RETAINER - Grease	1	
-15	750 750		SPACER - Grease retainer	1	
-16	750 635		BRACKET ASSEMBLY - Tail wheel spring	1	
-17	750 722		BUSHING - Bronze	1	
-18	750 898		CAP - Bushing	1	
<p>A - Used on PA-18 airplanes with serial numbers 18-1 to 18-1214 inclusive.</p> <p>B - Used on Export PA-18 airplanes up to and including serial numbers 18-3013. See Tail Wheel Special Note before ordering this tail wheel or its component parts for domestic PA-18 airplanes.</p> <p>C - Used on all PA-18A airplanes up to and including serial numbers 18-3013. Also on Export PA-18 airplanes with serial numbers 18-1290 to 18-3013 inclusive. See Tail Wheel Special Note before ordering this tail wheel or its component parts for all domestic PA-18 airplanes; for Export PA-18 airplanes with serial numbers 18-3014 and up and for all PA-18A airplanes with serial numbers 18-3014 to 18-5433 inclusive.</p>					

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
27-19	750 744		ARM ASSEMBLY - Tail wheel	1	
-20	750 748		FORK ASSEMBLY - Tail wheel	1	
-21	750 372		TIRE - (6:00 x 2)	1	
-22	750 751		WASHER - Tail wheel arm attachment	1	
-23	750 637		SHIM - Tail wheel arm attachment	1	
-24	451 601	A	TAIL WHEEL ASSEMBLY - (Scott Model No. 3-21) (steerable)	1	
-25	750 351		WHEEL ASSEMBLY - (1418) Tire and hub assembly	1	
			NOTE: The tire and hub assembly are not available as separate items.		
-26	750 358		FITTING - Grease (1425)	1	
-27	750 354		BEARING ASSEMBLY - Ball (4121)	2	
-28	750 356		AXLE ASSEMBLY - (1423)	1	
-29	750 357		FITTING - Grease (1424)	1	
-30	750 343		HUB CAP - (1364)	2	
-31	750 341		BRACKET ASSEMBLY - (1305)	1	
-32	750 345		BEARING - (1395)	1	
-33	750 347		BEARING - Thrust (1397)	1	
-34	750 357		FITTING - Grease (1424)	1	
-35	750 350		FORK ASSEMBLY - (1417)	1	
-36	750 363	B	SPACER SET - Tail wheel attachment	1	
-37	12567-04	C	SPRING - Tail wheel, short	1	
-38	12567-03	D	SPRING - Tail wheel, middle	1	
-39	12567-02	E	SPRING - Tail wheel, bottom	1	
-40	750 753	F	SPRING AND CONNECTOR ASSEMBLY - Tail wheel	1	
	751 475	G	SPRING AND CONNECTOR ASSEMBLY - Tail wheel	1	
-41	30541-02	H	PAD - Tail wheel clamp bolt	1	
-42	30531-00		CLAMP - Spring attachment	1	18-1 to 18-1706 inclusive
	30531-02	J	CLAMP - Spring attachment	1	
			A - Used only on domestic PA-18 airplanes starting with serial numbers 18-2204. See Tail Wheel Special Note before ordering this tail wheel or its component parts.		
			B - Not used with maule 6" tail wheel, Part No. 451 631.		
			C - Two (2) per ship used on all PA-18A airplanes and on PA-18 airplanes with serial numbers 18-1707 and up.		
			D - When Scott 8" or Maule 8" tail wheel is installed, use spring 10999-03.		
			E - When Scott 8" or Maule 8" tail wheel is installed, use spring 10999-05.		
			F - Used on PA-18A airplanes with serial numbers 18-1262 to 18-1666 inclusive, and on PA-18 airplanes with serial numbers 18-1 to 18-1677 inclusive.		
			G - Used on PA-18A airplanes with serial numbers 18-1667 and up, and PA-18 airplanes with serial numbers 18-1678 and up.		
			H - Used on airplanes with serial numbers 18-1 to 18-848 inclusive, 18-969 to 18-998 inclusive, 18-1027 to 18-1038 inclusive, 18-1040 to 18-1056 inclusive and 18-1058.		
			J - Used on all PA-18A airplanes and on PA-18 airplanes with serial numbers 18-1707 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
27-43	750 330		ARM ASSEMBLY - Rudder No. 1140	1	
-44	400 003		BOLT - (AN4-6A)	2	
-45	400 216	EF	BOLT - (AN6-23)	1	
	400 218	D	BOLT - (AN6-25)	1	18-1215 and up
-46	400 251		BOLT - (AN7-14)	1	
-47	404 103		NUT - (AN310-6)	1	
-48	404 101		NUT - (AN310-4)	2	
-49	404 104		NUT - (AN310-7)	1	
-50	407 567		WASHER - (AN960-616)	1	
-51	80122-41		WASHER	1	
-52	407 565		WASHER - (AN960-416)	2	
-53	407 568		WASHER - (AN960-716)	2	
-54	85012-48		WASHER	1	
-55	424 059		PIN - Cotter (AN380-3-3)	1	
-56	424 051		PIN - Cotter (AN380-2-2)	2	
-57	424 059		PIN - Cotter (AN380-3-3)	1	
-58	451 631	AB	TAIL WHEEL ASSEMBLY - 6" (SFS-1-4) (Maule)	1	
-59	753 133		WHEEL AND TIRE - Complete with bearings, felt, retainers and hub cap	1	
-60	751 227		AXLE	1	
-61	751 757		FORK	1	
-62	751 388		BRACKET ASSEMBLY - 1-1/4"	1	
-63	751 389		BEARING - Oilite	1	
-64	752 900		STEERING ARM ASSEMBLY	1	
-65	85012-48	C	WASHER	1	
-66	80122-30	C	WASHER	1	
-67	400 262	C	BOLT - (AN7-21)	1	
-68	407 568	C	WASHER - (AN960-716)	1	
-69	406 685	C	NUT - (#52E070)	1	
-70	753 127	AC	TAIL WHEEL ASSEMBLY - (Scott 8", #3200)	1	
-71	751 350		BUSHING - (#3241-2)	1	
-72	752 888		SPACER - (#3243-2)	1	
-73	752 982		TIRE	1	
-74	752 983		TUBE	1	
-75	753 403		BRACKET ASSEMBLY - (#3216)	1	
-76	753 207		WASHER - Thrust (#3207) Micarta	1	
-77	755 880		PLATE ASSEMBLY - Thrust (#3234)	1	
-78	756 205		SPRING - Compression (#3233)	5	
-79	755 878		PAWL - (#3219)	1	

- A - See Tail Wheel Special Note before ordering this tail wheel or its component parts.
- B - Used on PA-18 airplanes with serial numbers 18-3014 and up, and PA-18A airplanes with serial numbers 18-3014 to 18-5433 inclusive.
- C - Used on PA-18A airplanes with serial numbers 18-5434 and up, and PA-18 with serial numbers 18-7509001 and up.
- D - Used with four (4) tail wheel springs.
- E - Used on PA-18 airplanes with serial numbers 18-1 to 18-1969 inclusive.
- F - Used with three (3) tail wheel springs.

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
27-80	753 208		WASHER - Thrust (#3206)	2	
-81	756 206		SPRING - (#3222)	1	
-82	753 914		DUST CAP - Top (#3235-2)	1	
-83	751 264		ARM ASSEMBLY - (#3214)	1	
-84	756 207		SPACER - (#3258-1)	1	
-85	756 208		SPACER - (#3258)	1	
-86	755 879		PIN - (#3257)	1	
-87	753 915		DUST CAP - Bottom (#3235-1)	1	
-88	753 404		BUSHING - (#3205)	1	
-89	751 806		FORK ASSEMBLY - (#3224)	1	
-90	753 405		BEARING - (#A4050)	1	
-91	750 749		RETAINER - Grease (#1863)	3	
-92	756 209		SPACER - (#2504-1)	1	
-93	751 265		AXLE ASSEMBLY - (#3236)	1	
-94	753 209		WASHER - Lock (#3225)	1	
-95	753 406		BUSHING - (#3227)	2	
-96	750 750		RETAINER - (#1862)	2	
-97	750 746		BEARING ASSEMBLY - (#1883)	2	
-98	751 964		HUB - (#2598)	2	
-99	756 210		SPACER - (#2602)	1	

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
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.

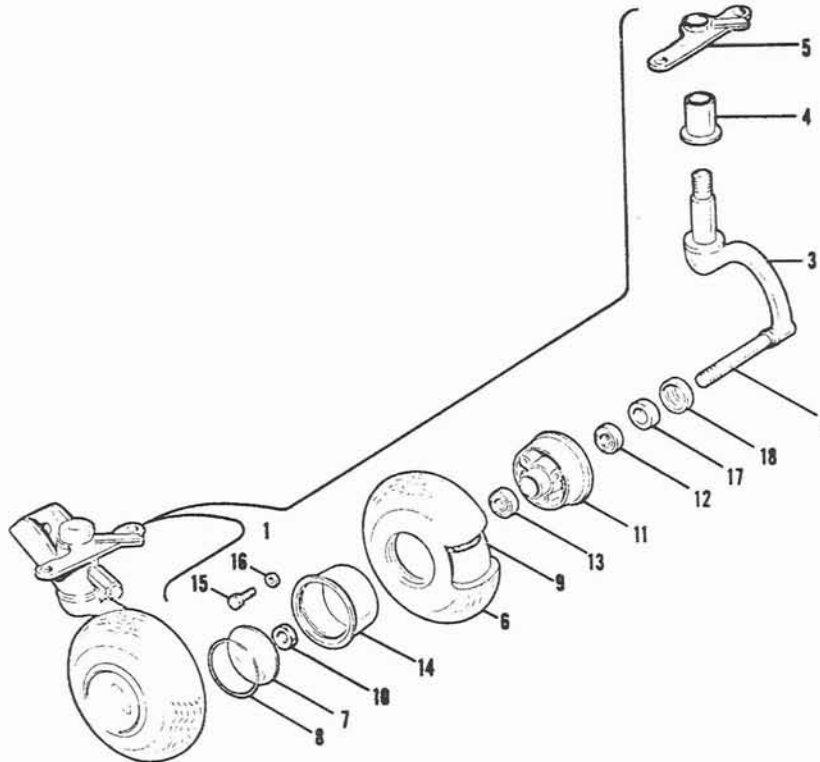


Figure 27A. Tail Wheel Installation
8" Maule

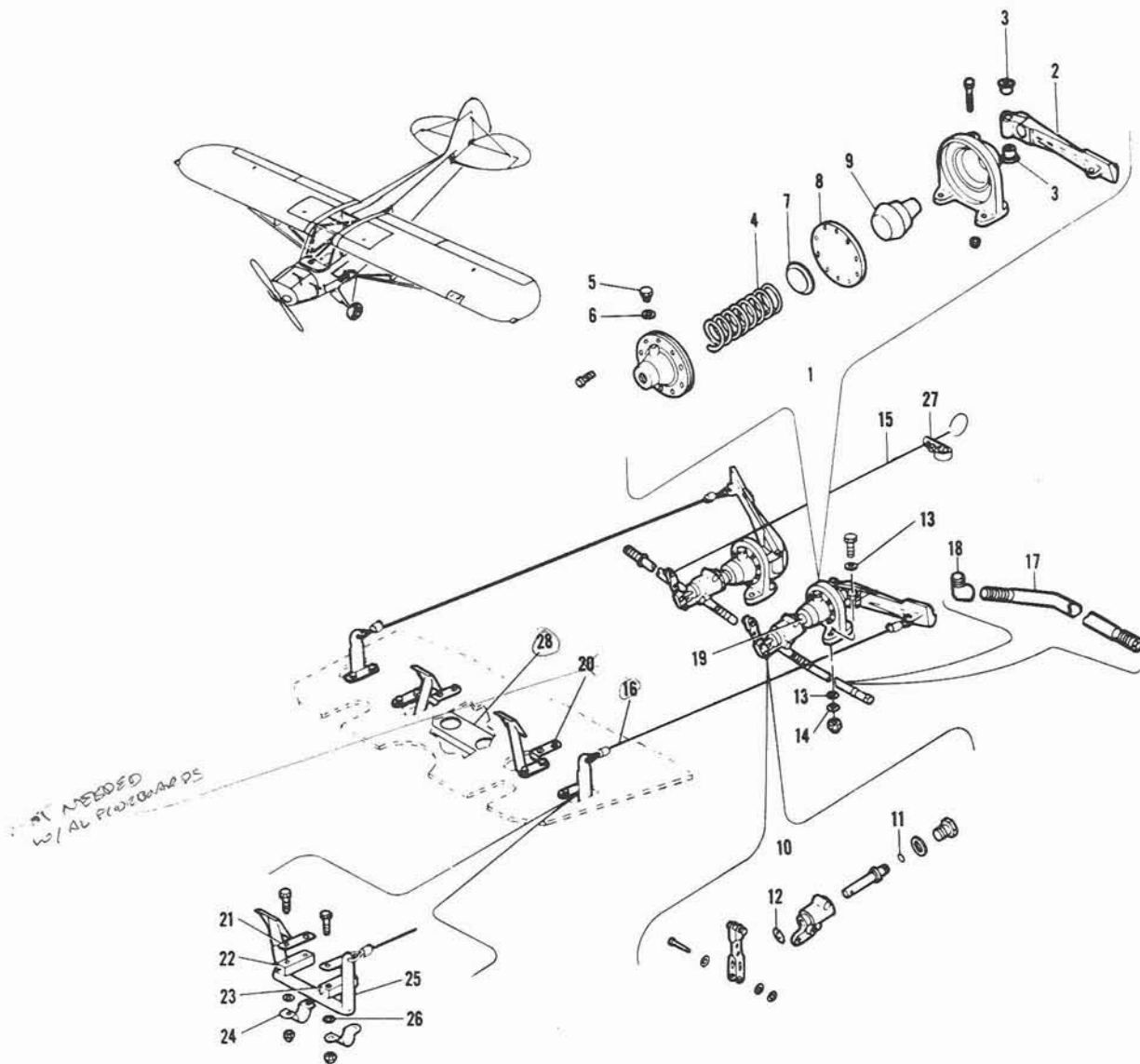


Figure 28. Brake Installation

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		CYLINDER - Master brake, Scott, LH (was 451 700)	1	
	451 710		CYLINDER - Master brake, Scott, RH (was 451 701)	1	
-2	750 999		PEDAL - LH (with bushing)	1	
	750 998		PEDAL - RH (with bushing)	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		STOP - Pedal	2	18-1 to 18-4314 inclusive
	14570-00		PLATE - Heel, cockpit floor, LH	1	18-4315 and up
	14570-01		PLATE - Heel, cockpit floor, RH	1	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		PEDAL ASSEMBLY - Brake, LH	1	
	10734-01		PEDAL ASSEMBLY - Brake, RH	1	
-26	85012-04		WASHER - Shim	AR	
	85012-05		WASHER - Shim	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

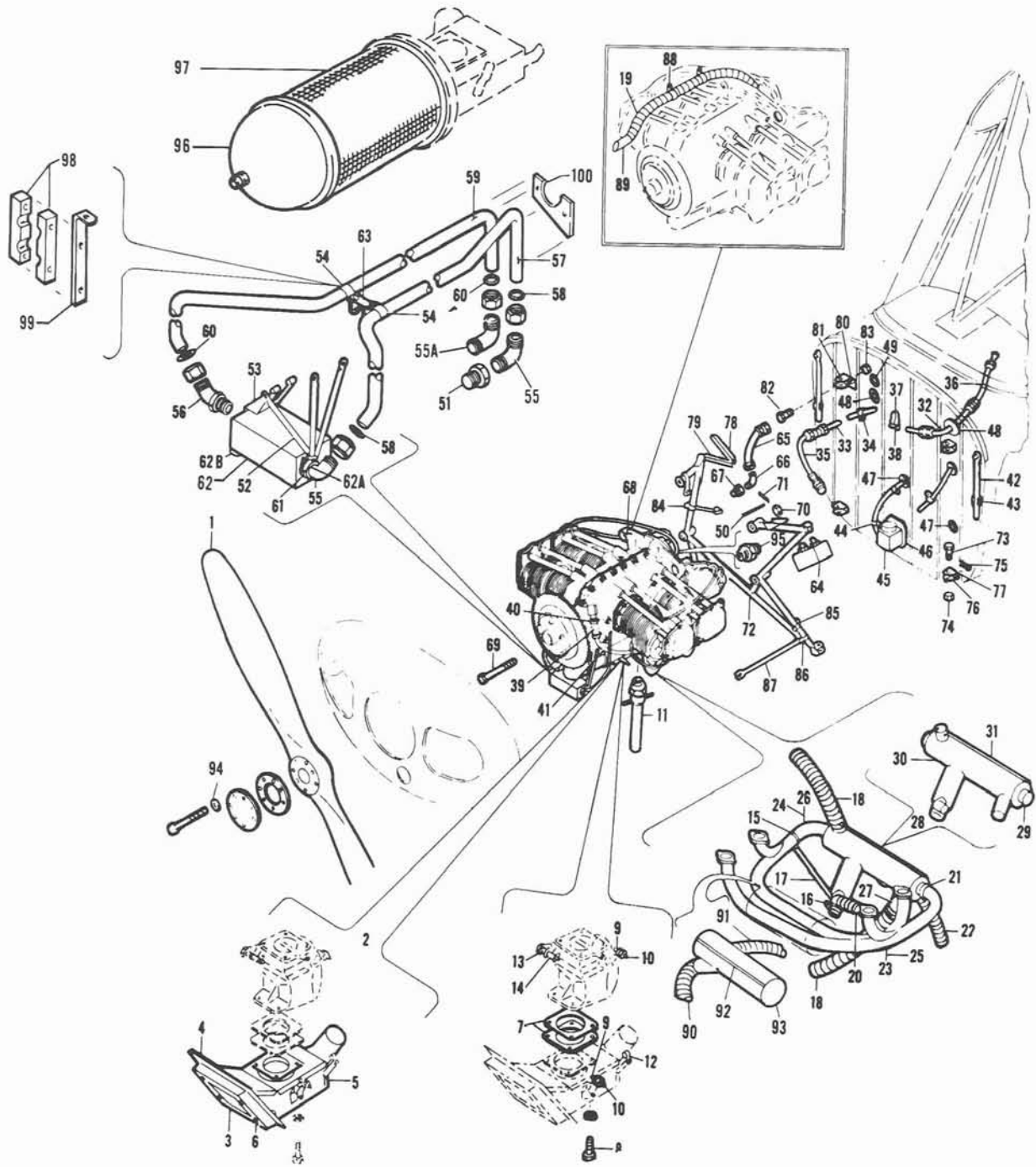


Figure 29. Power Plant Installation, Lycoming

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

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
29-7	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.

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
29-58	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 (0-235-C1) "105"	1	
			ENGINE - Lycoming (0-290-D) "125"	1	
			ENGINE - Lycoming (0-290-D2) "135"	1	
			ENGINE - Lycoming (0-320) "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	10625-14		HOSE - Exhaust stack shroud to bottom cowl	1	18-3014 and up
-91	10625-19		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	DOME - 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.

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

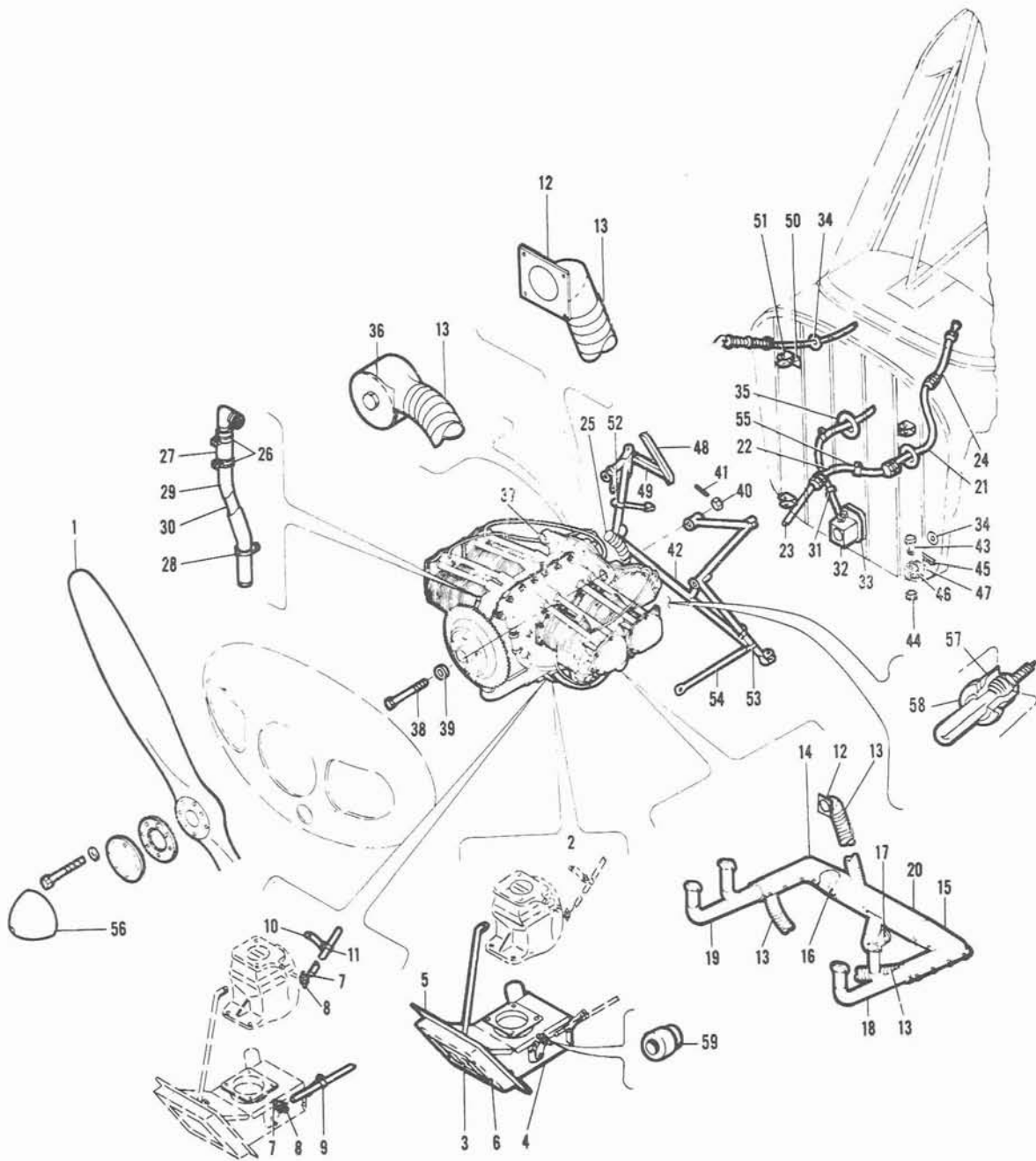


Figure 30. Power Plant Installation, Continental

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

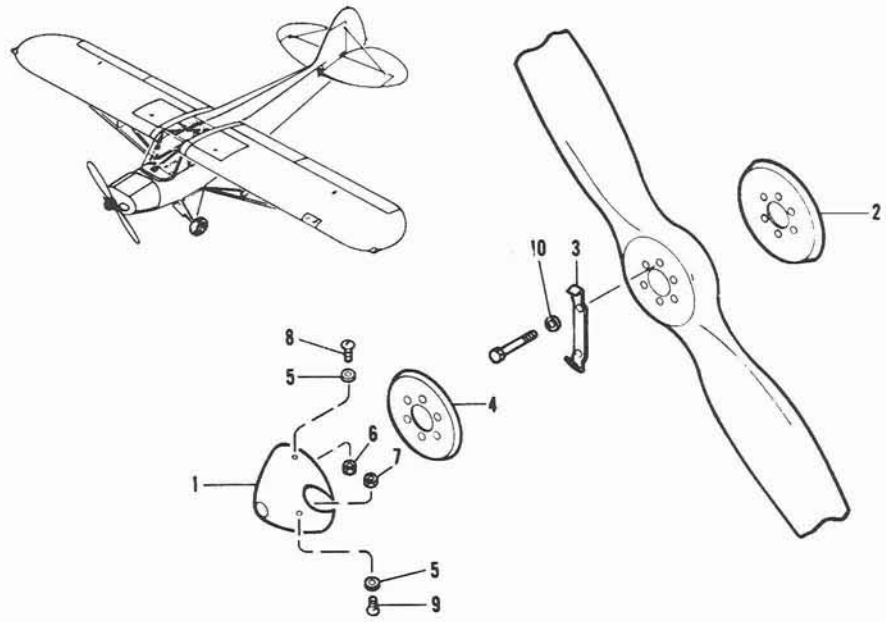


Figure 31. Spinner Installation

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

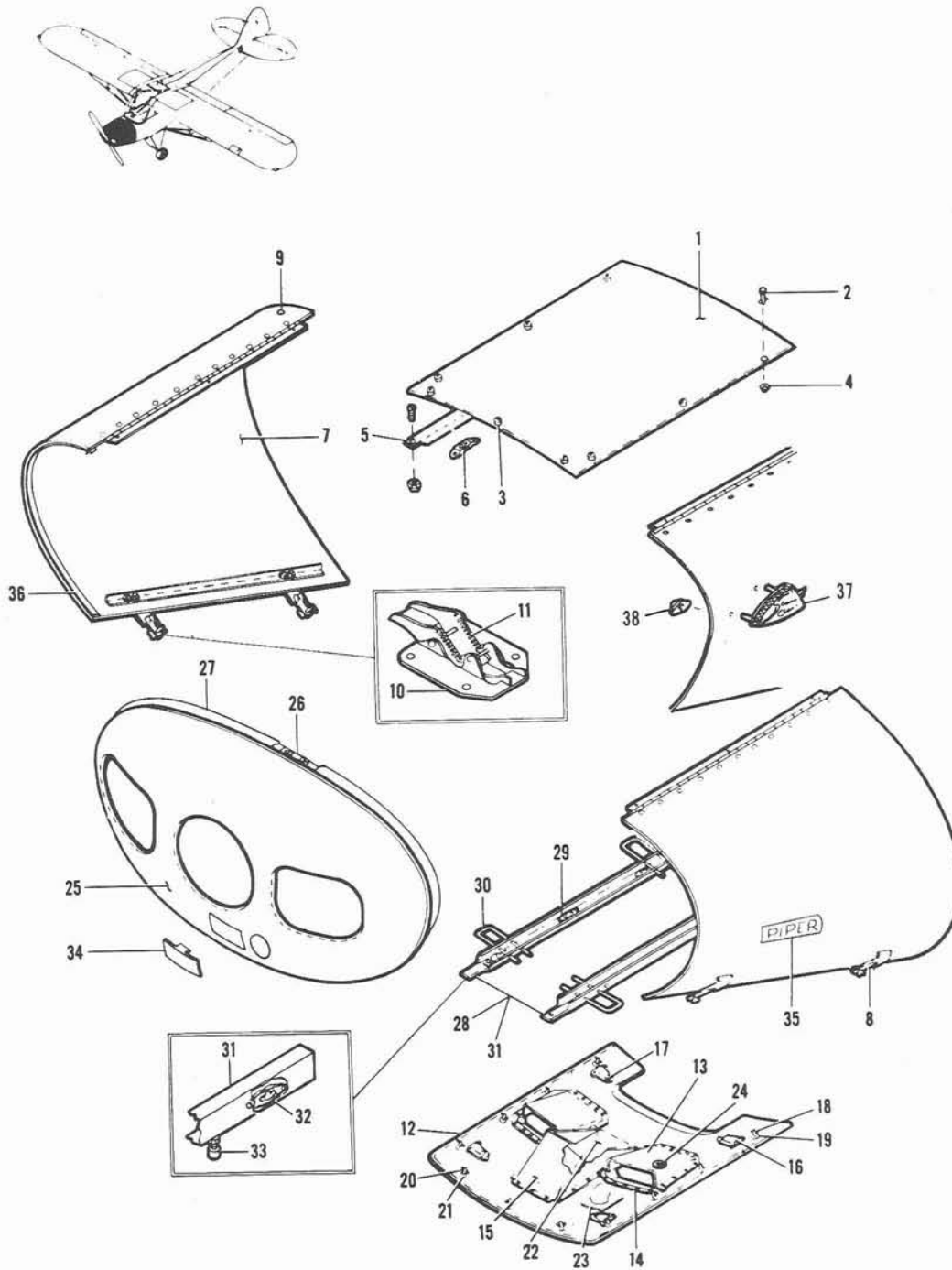


Figure 32. Cowl Installation, Lycoming

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	18-3371 to 18-6963 inclusive
	13768-03		SCOOP - Carburetor air, outside "150"	1	18-6964 and up
	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

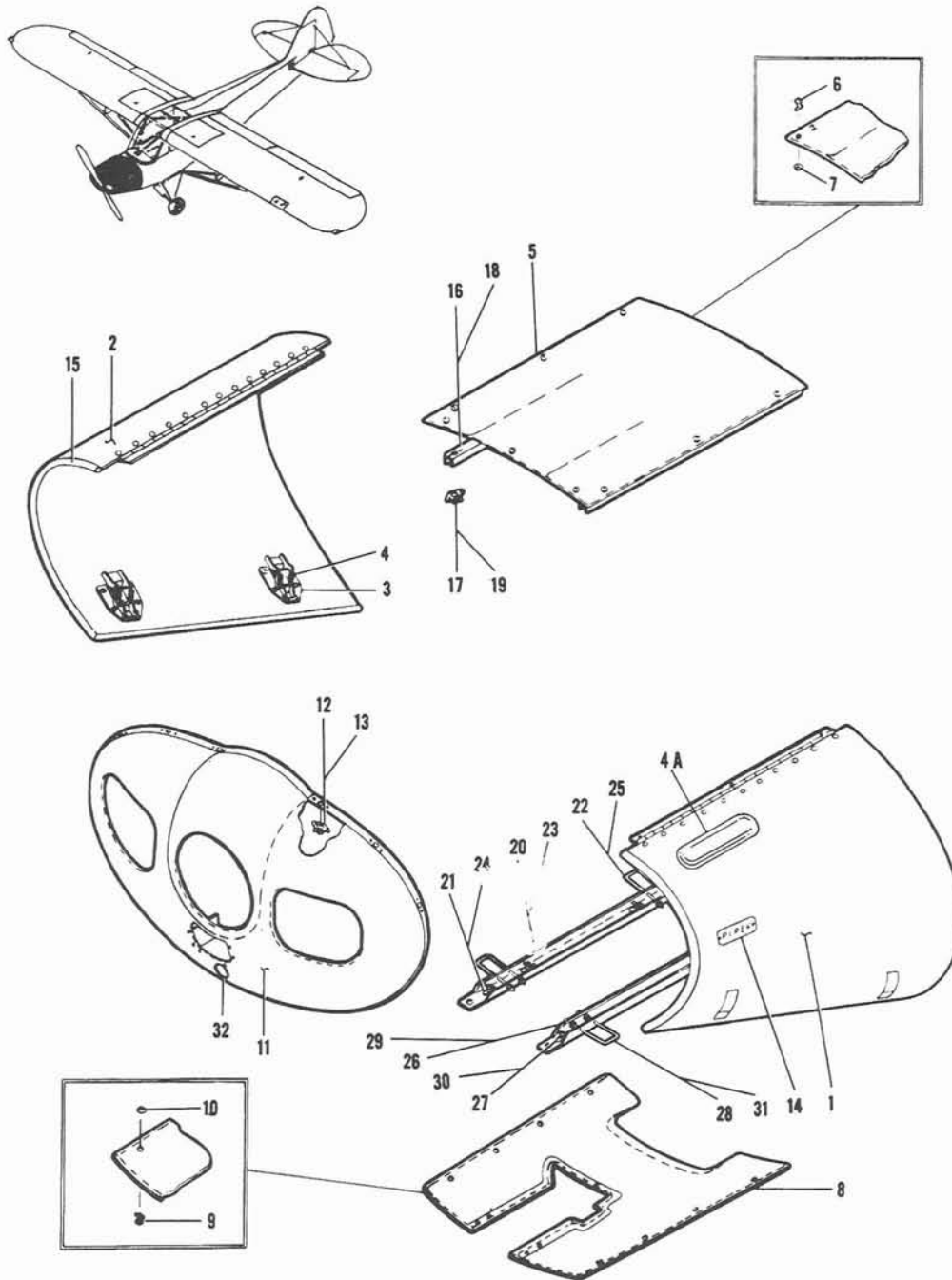


Figure 33. Cowl Installation, Continental

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

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

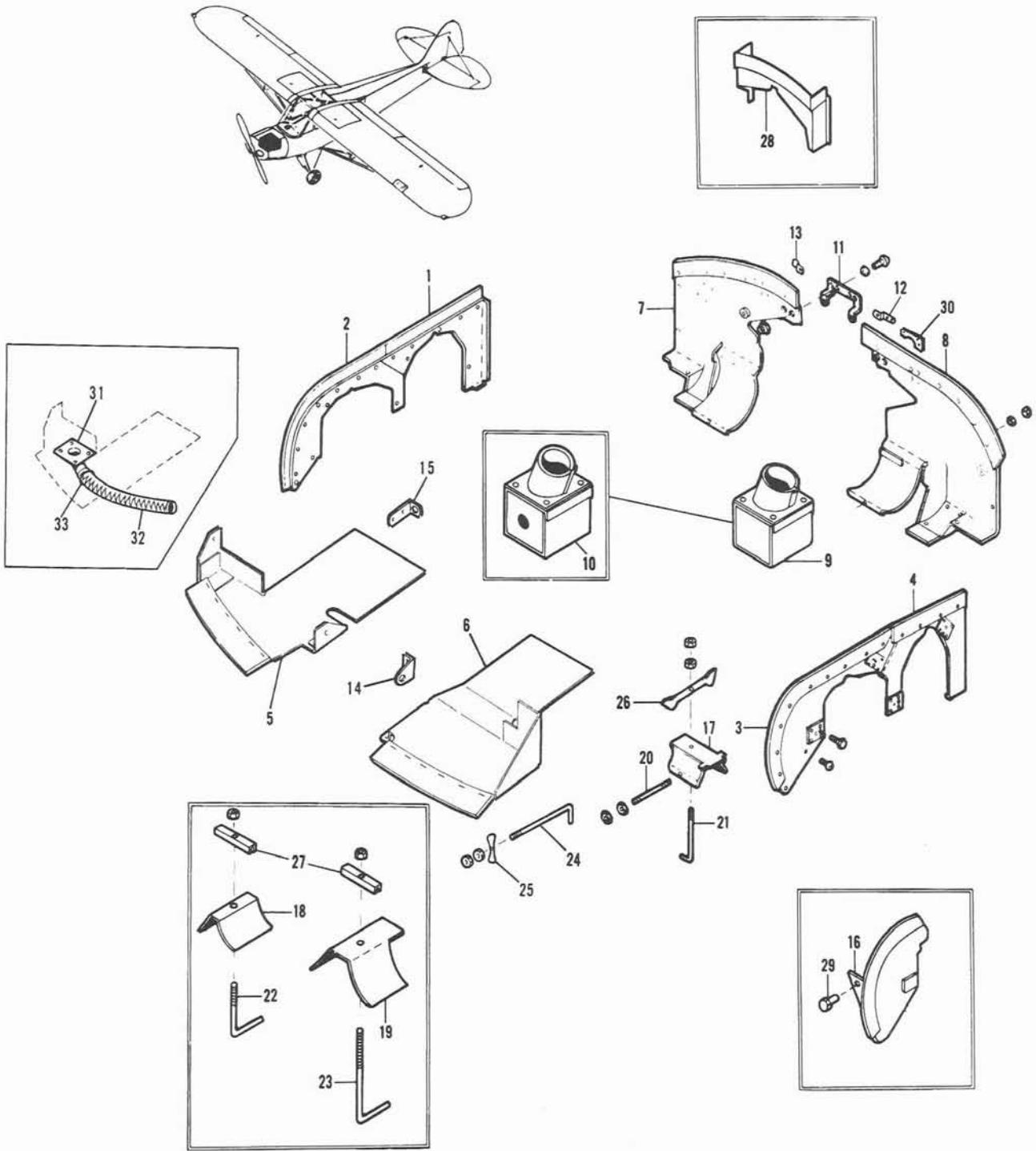


Figure 34. Baffles Installation
Lycoming and Continental

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	
-3	14456-00		BAFFLE - Engine, side, right front, "150"	1	
	12426-00	A	BAFFLE ASSEMBLY - Side, front left	1	
	10835-00	B	BAFFLE ASSEMBLY - Side, front left	1	
-4	14452-00		BAFFLE - Engine, side, left front "150"	1	
	12427-00	A	BAFFLE ASSEMBLY - Side, rear left	1	
	10830-00	B	BAFFLE ASSEMBLY - Side, rear left	1	
-5	14457-00		BAFFLE - Engine, side, left rear, "150"	1	
	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	
-8	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
	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

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

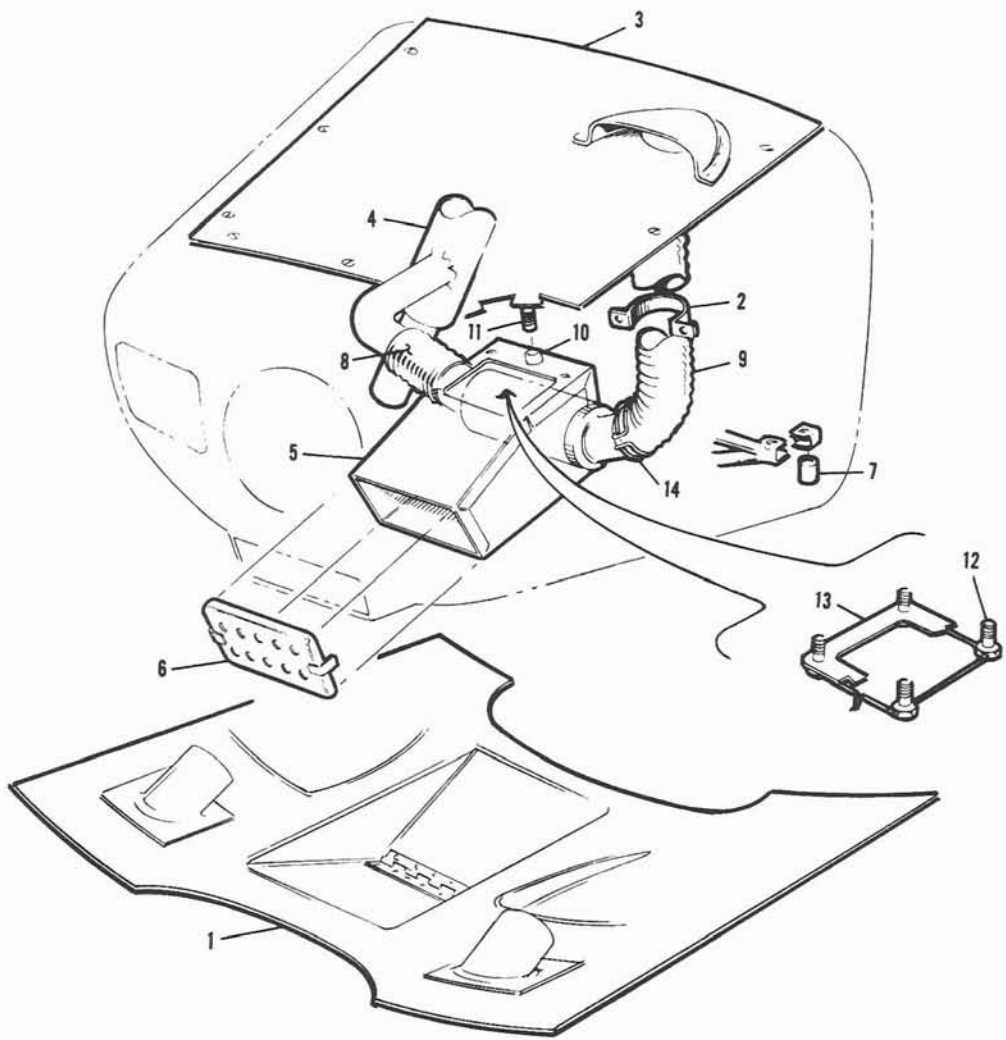


Figure 34A. Special Carburetor Air Box Installation

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

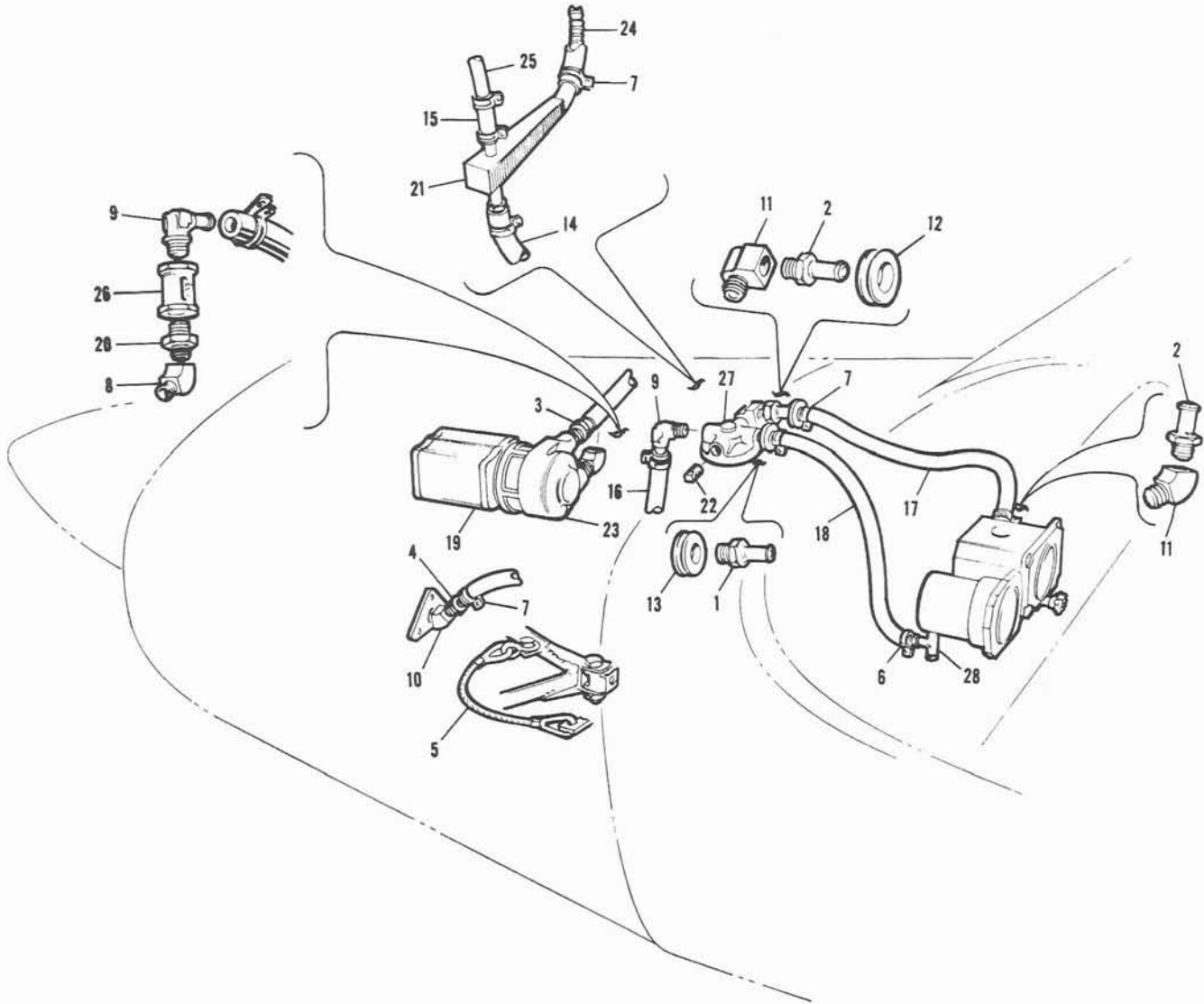


Figure 34B. Vacuum Pump Installation
 (Serial Nos. 18-3461 to 18-8019 inclusive)

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

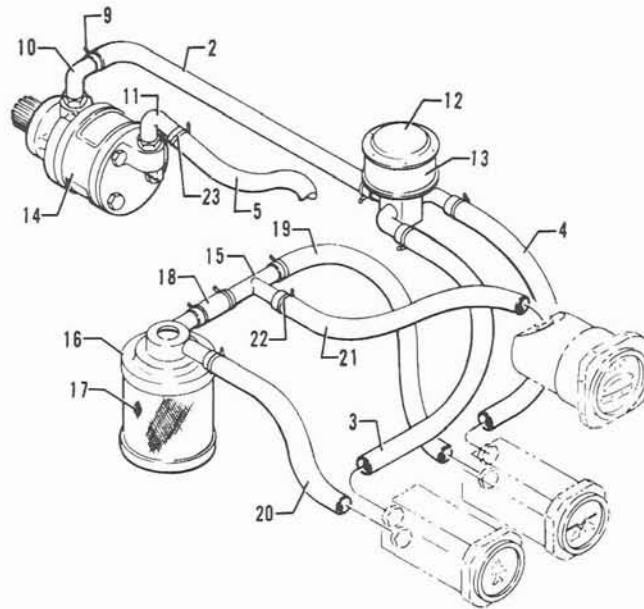
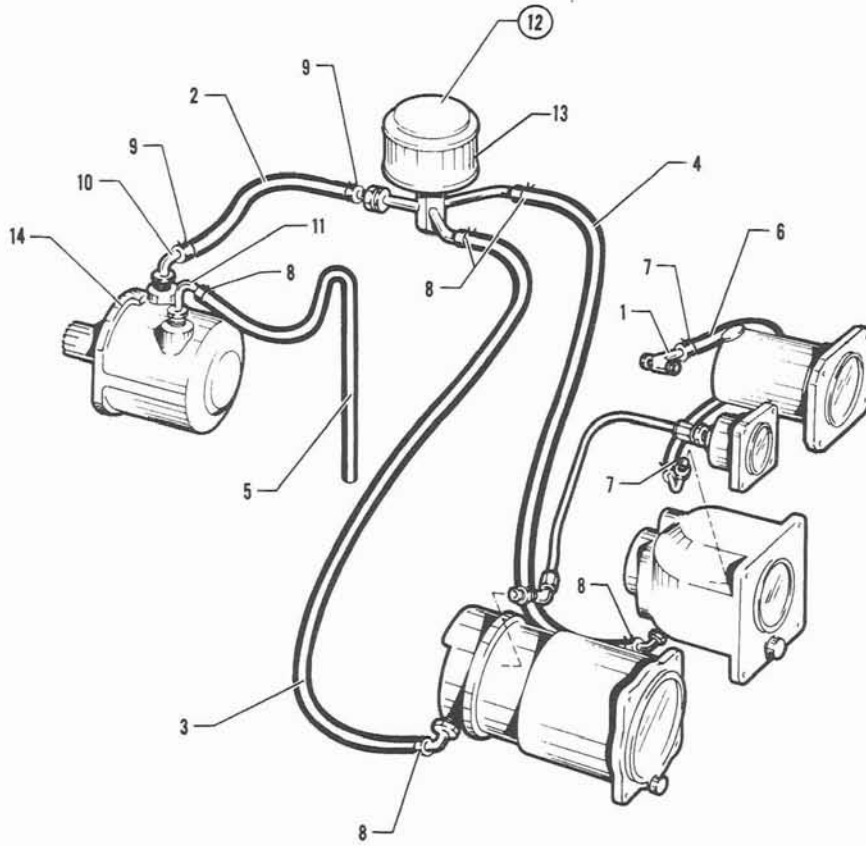


Figure 34C. Vacuum Pump Installation (Dry Vacuum Pump)
(Serial Nos. 18-8020 and up)

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

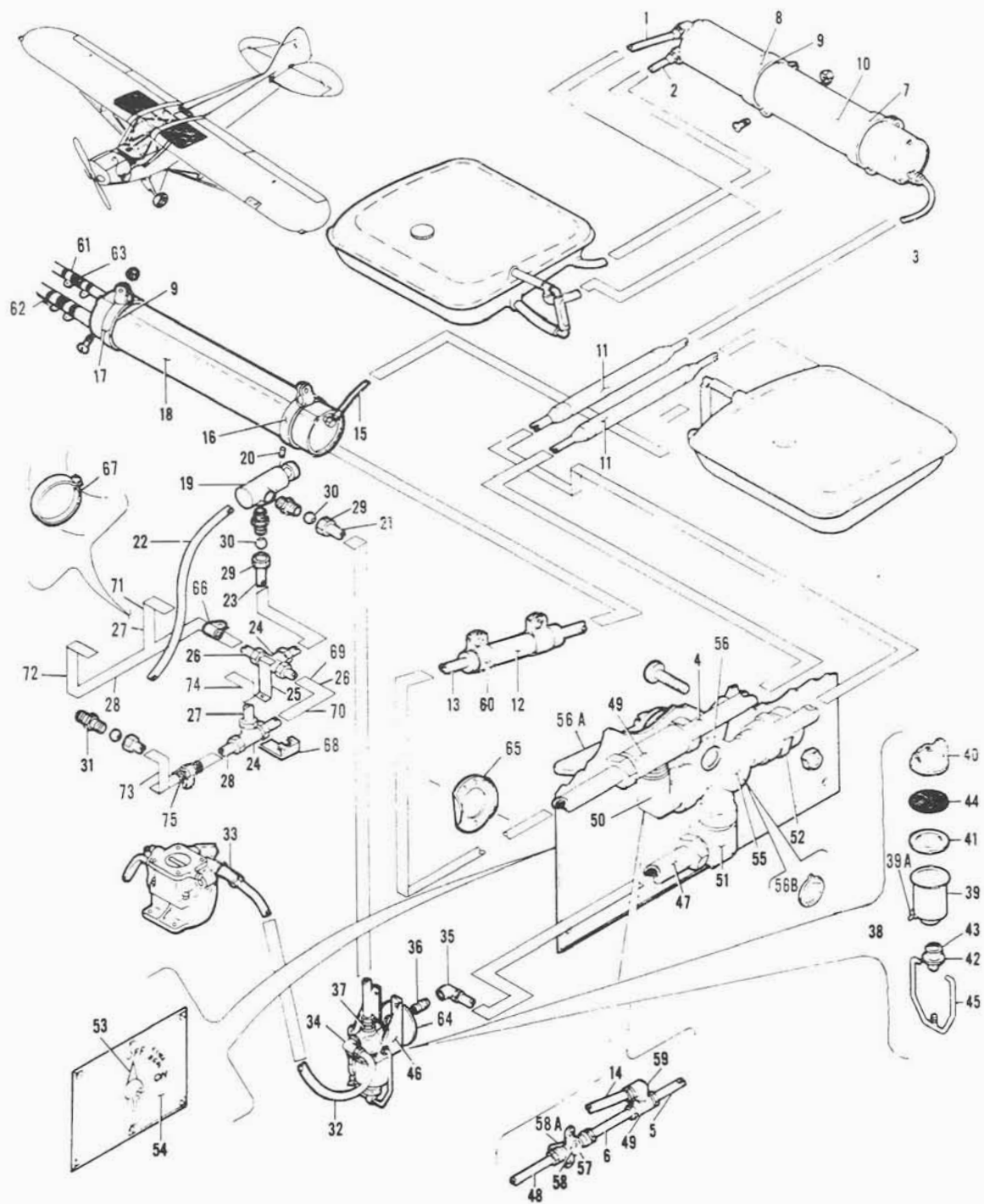


Figure 35. Fuel System Installation

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
35-	13766 11298 12544 12458 14217 14213 14469 14473	A B CD DG 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 DF 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 DF 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 DF 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 (PA-18 only) 18-3014 and up
-4	11300-03	D	LINE ASSEMBLY - Fuel	1	
-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)
<p>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.</p> <p>B - Used on airplanes when fuel tank is installed in left wing only.</p> <p>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.</p> <p>D - Used when fuel tank is installed in the right wing panel</p> <p>E - Used on PA-18A airplanes with serial numbers 18-3014 to 18-3770 inclusive, and 18-3772 to 18-3785 inclusive.</p> <p>F - Used on PA-18A airplanes with serial numbers 18-1215 to 18-3013 inclusive.</p> <p>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.</p>					

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 14211-00	A	TANK ASSEMBLY - Header, rear	1	18-1 to 18-3013 inclusive
-11	189 080		TANK ASSEMBLY - Header, rear	1	18-3014 and up
-12	82371-04		DUCT - Plane, 1/2" x 10" (20" per ship when fuel tank is installed in right wing)	10"	
-13	11987-15	A	HOSE - Flexible	1	
-14	10143-52	BC	LINE ASSEMBLY - Fuel	1	
-15	11987-23 11987-05		LINE ASSEMBLY - Vent	1	18-469 and up
-16	11299-02		LINE ASSEMBLY - Vent	1	18-1 to 18-468 inclusive
-17	11299-06		CLAMP ASSEMBLY - Header tank, LH	1	
-18	10725-00		CLAMP ASSEMBLY - Header tank, RH	1	
-19	451 101		TANK ASSEMBLY - Header, front	1	
-20	80012-65		PUMP - Primer, Kohler	1	
-21	10143-63		BUSHING - Primer pump spacer (used only with Lunkendeimer primer)	1	
-22	71242-09		LINE ASSEMBLY - Primer outlet and inlet, "105", "125", "135" and "150"	2	
-23	71242-08		LINE ASSEMBLY - Primer outlet, "95"	1	
-24	460 652		LINE ASSEMBLY - Primer inlet, "95"	1	
-25	12870-00		TEE - Primer line, W/H 702 x 2, "105", "125", "135" and "150"	3	
-26	11987-09		BRACKET - Primer line support, "105", "125" and "135"	1	
-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	

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
35-36	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	
<p>A - Used on PA-18 "95" airplanes with serial numbers 18-3313 and up when fuel tank is installed in left wing only.</p>					

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

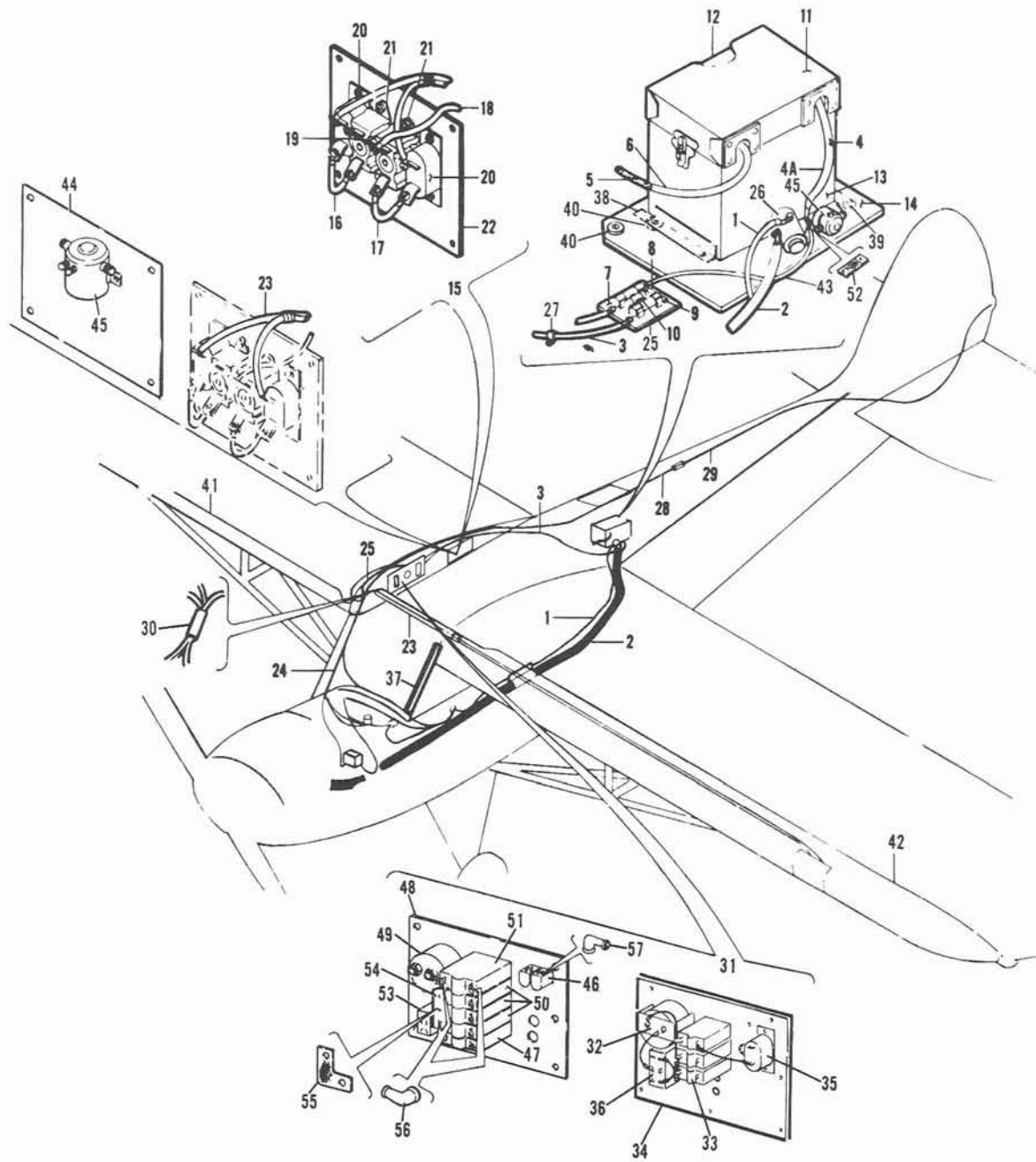


Figure 36. Electrical System Installation

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.
-4	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
	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	
189 080	DUCT - Type S.P. 1/2" I.D.		6"	(PA-18 only) 18-3014 and up	
-4a	189 080		DUCT - Type S.P. 1/2" I.D.	6-1/2"	(PA-18 only) 18-1 to 18-3013
-5	14160-02		CABLE ASSEMBLY	1	(PA-18 only) 18-1 to 18-3013
-6	17604-09		CABLE ASSEMBLY - Battery ground	1	(PA-18 only) 18-3014 and up
-7	189 080		DUCT - Type S.P. 1/2" I.D.	6-1/2"	(PA-18 only) 18-1 to 18-3013
-8	11718-00		BLOCK ASSEMBLY - Fuse	1	(PA-18 only) 18-1 to 18-1214
-9	13051-00		BLOCK ASSEMBLY - Fuse	1	18-1215 to 18-7409139 incl.
-10	90797-10		SLEEVE - Insulating	1	18-1 to 18-7409139 inclusive
-11	10438-00		JUMPER	1	18-1 to 18-7409139 inclusive
-11	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

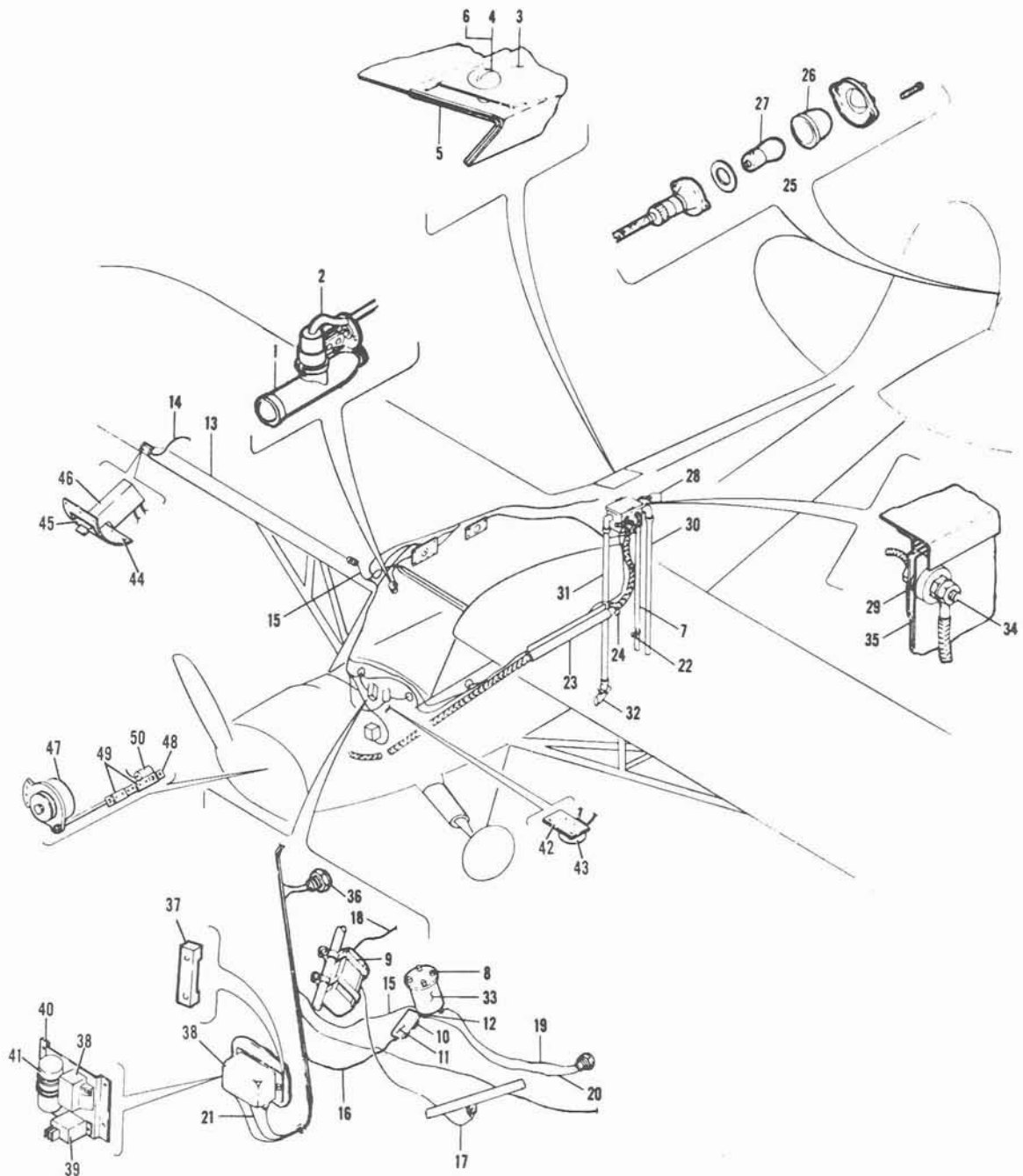


Figure 37. Electrical Components Installation

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)	4 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)	1	(PA-18 only) 18-665 and up
-6	487 288		SPRING - Fastener (No. 5-295)	4	(PA-18A only) 18-1215 and up 18-665 and up
-7	13586-02 22369-04	B A	TUBE - Battery drain TUBE - Battery drain	1 1	
-8	80012-04		BUSHING - Spacer	4	18-1 to 18-7409139 inclusive
-9	12858-00	C	CLAMP - Battery attachment	2	18-1 to 18-7409139 inclusive
-10	461 623	D	FUSE - (3AG5)	1	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 14226-03		CABLE ASSEMBLY - Solenoid to starter CABLE ASSEMBLY - Solenoid to starter	1 1	18-665 to 18-3013 inclusive (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 1	(PA-18A only) 18-3014 and up
-5	11134-08 14224-03	A	CABLE ASSEMBLY - Battery to solenoid CABLE ASSEMBLY - Battery to solenoid	1 1	(PA-18A only) 18-3014 and up (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 17604-06	A	CABLE ASSEMBLY - Battery ground CABLE ASSEMBLY - Battery ground	1 1	(PA-18A only) 18-3014 and up (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.

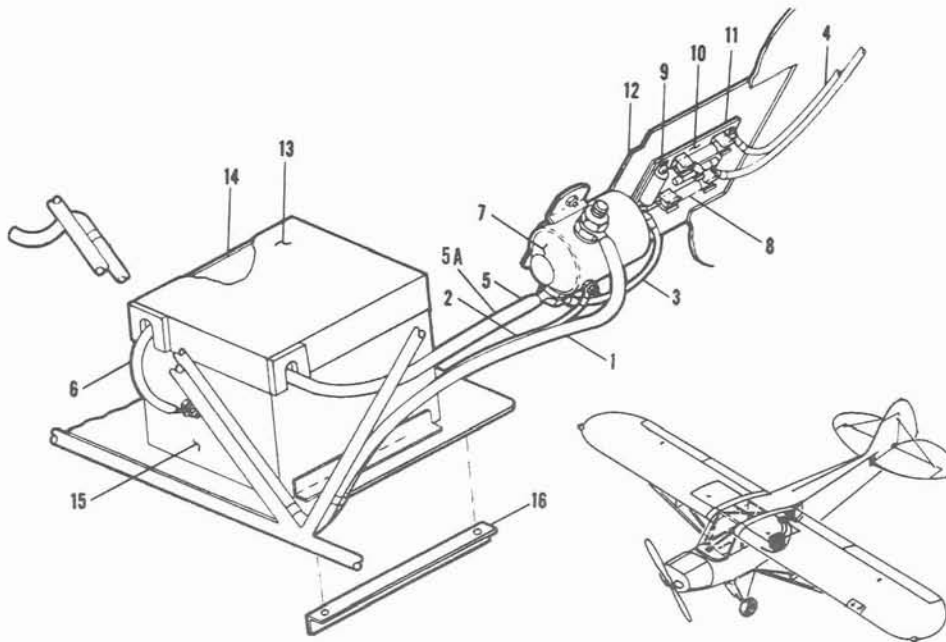


Figure 38. Battery Box Installation

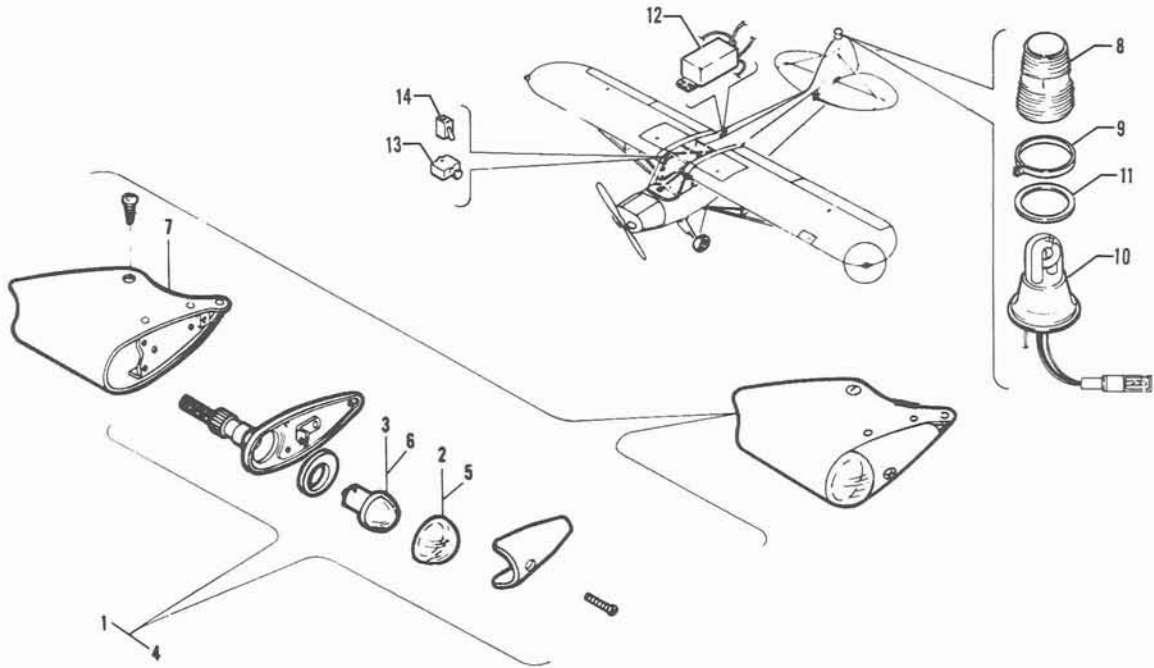


Figure 39. Wing Light and Strobe Light Installation

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

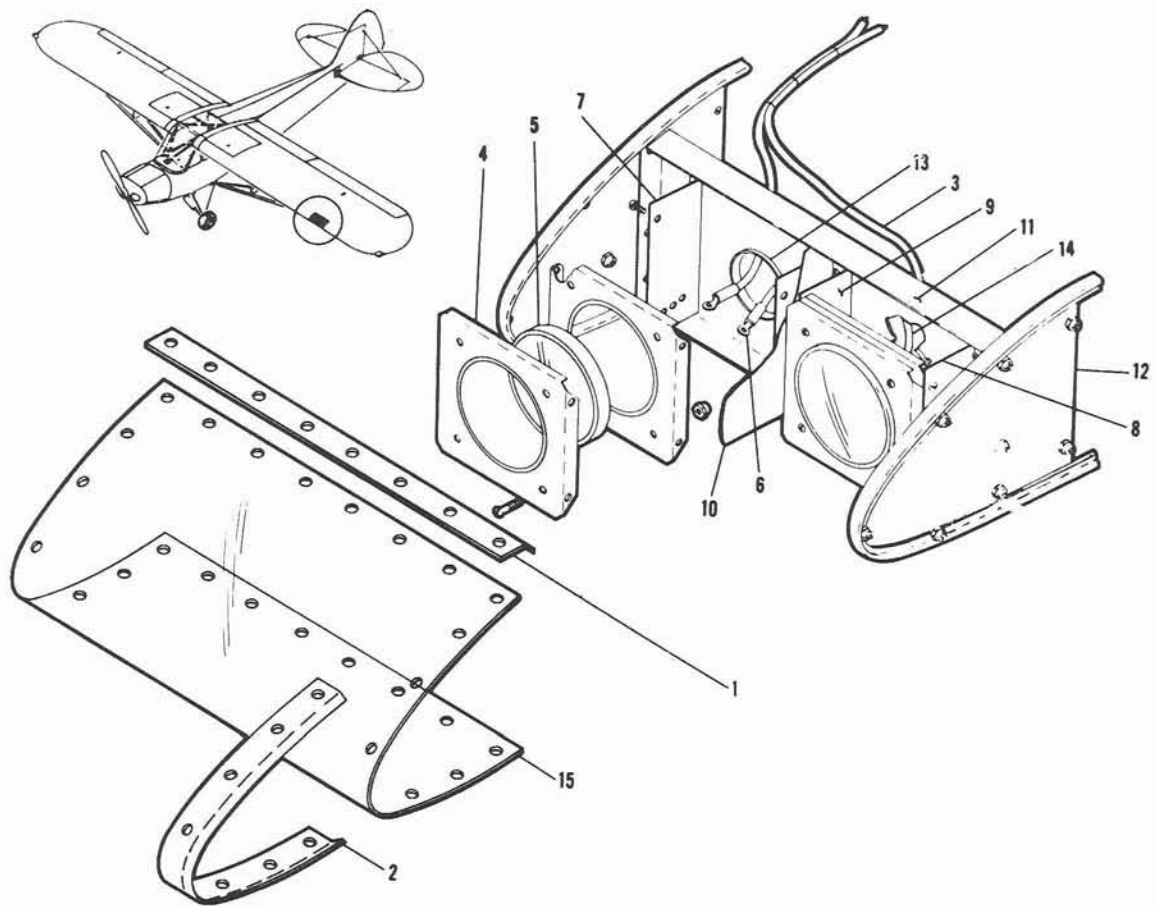


Figure 40. Landing Light Installation

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

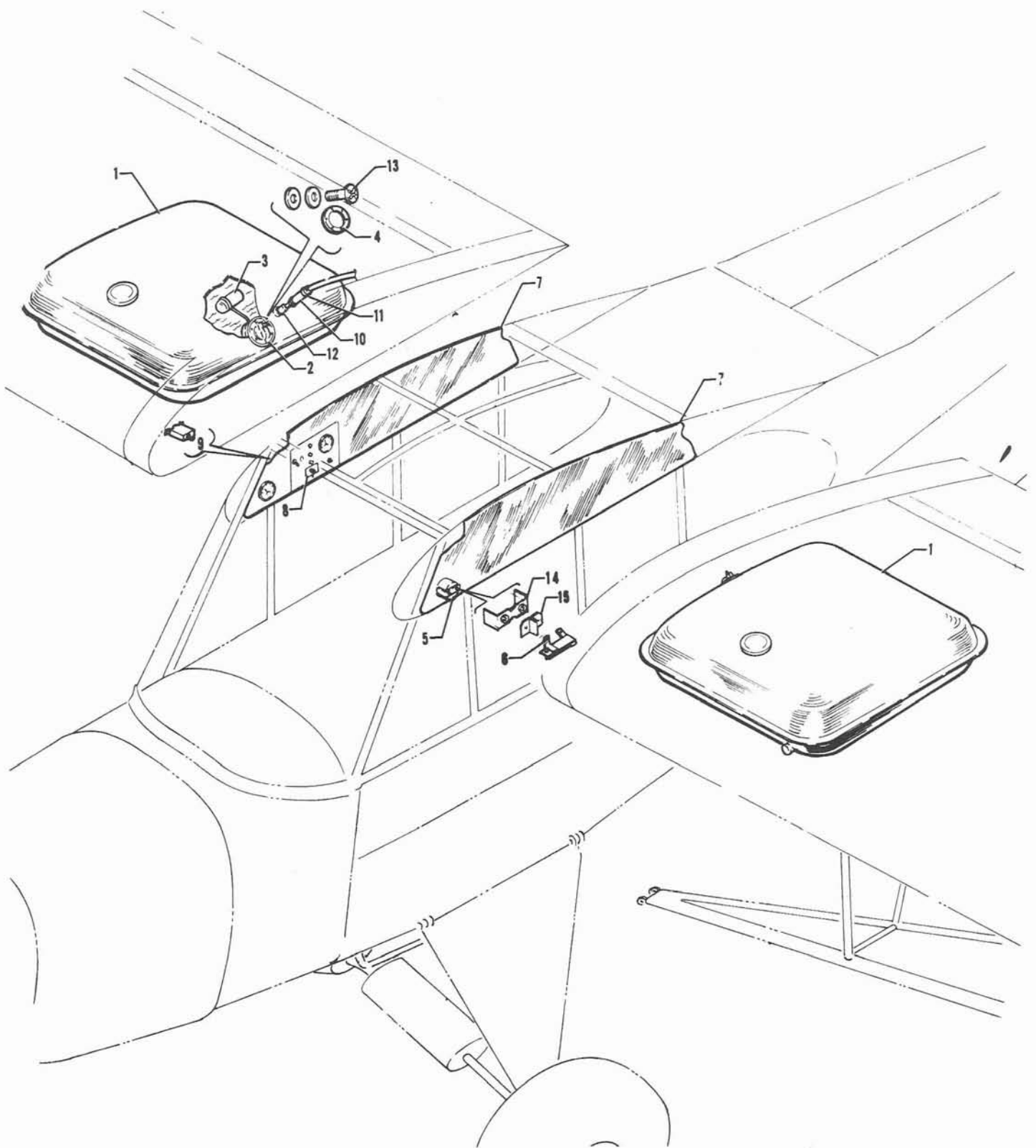


Figure 40A. Electric Fuel Gauge Installation

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

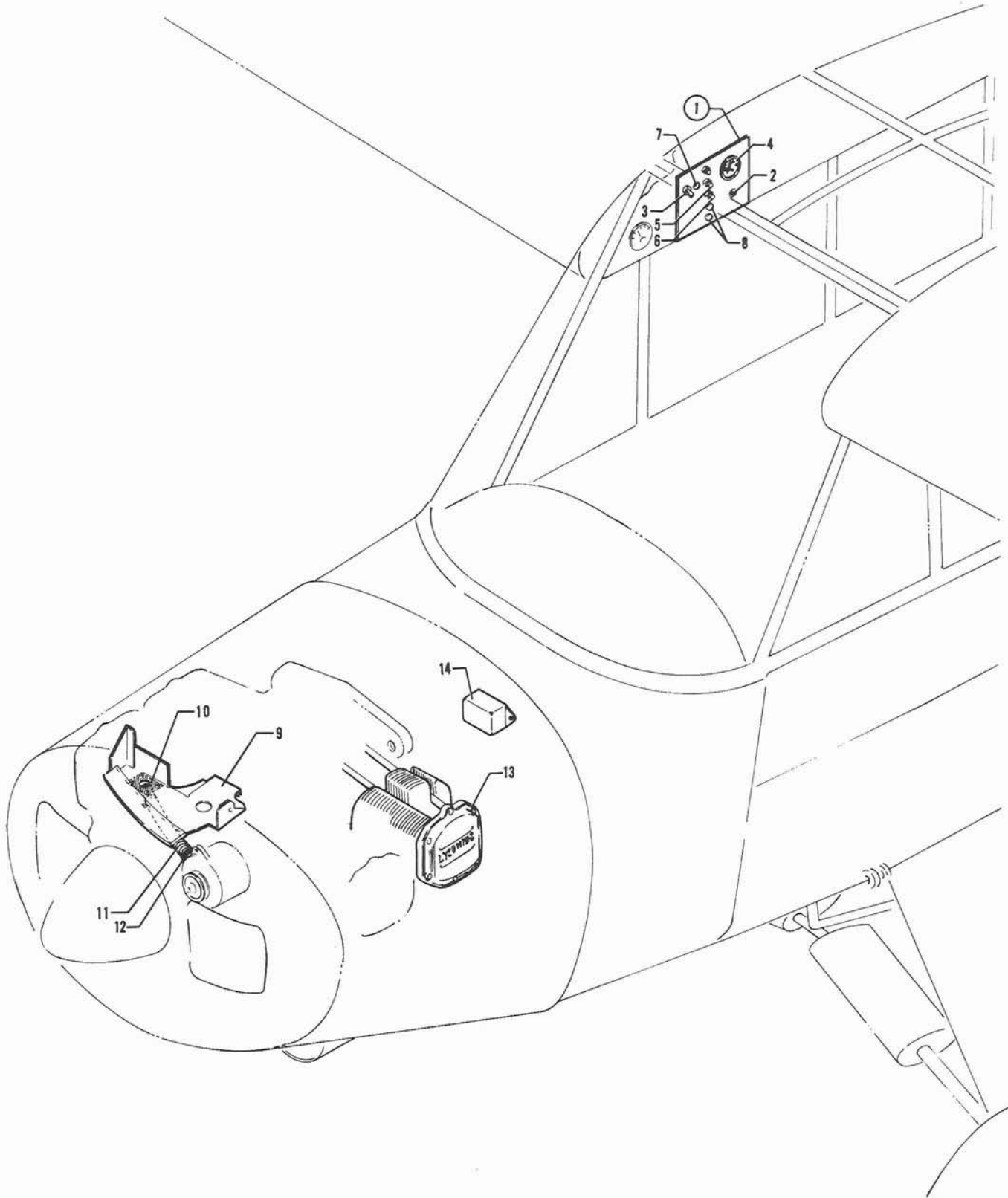


Figure 40B. 35 AMP Generator Installation

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
40B-	15288		DRAWING - 35 AMP Generator Installation "150"		
-1	16273-00		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

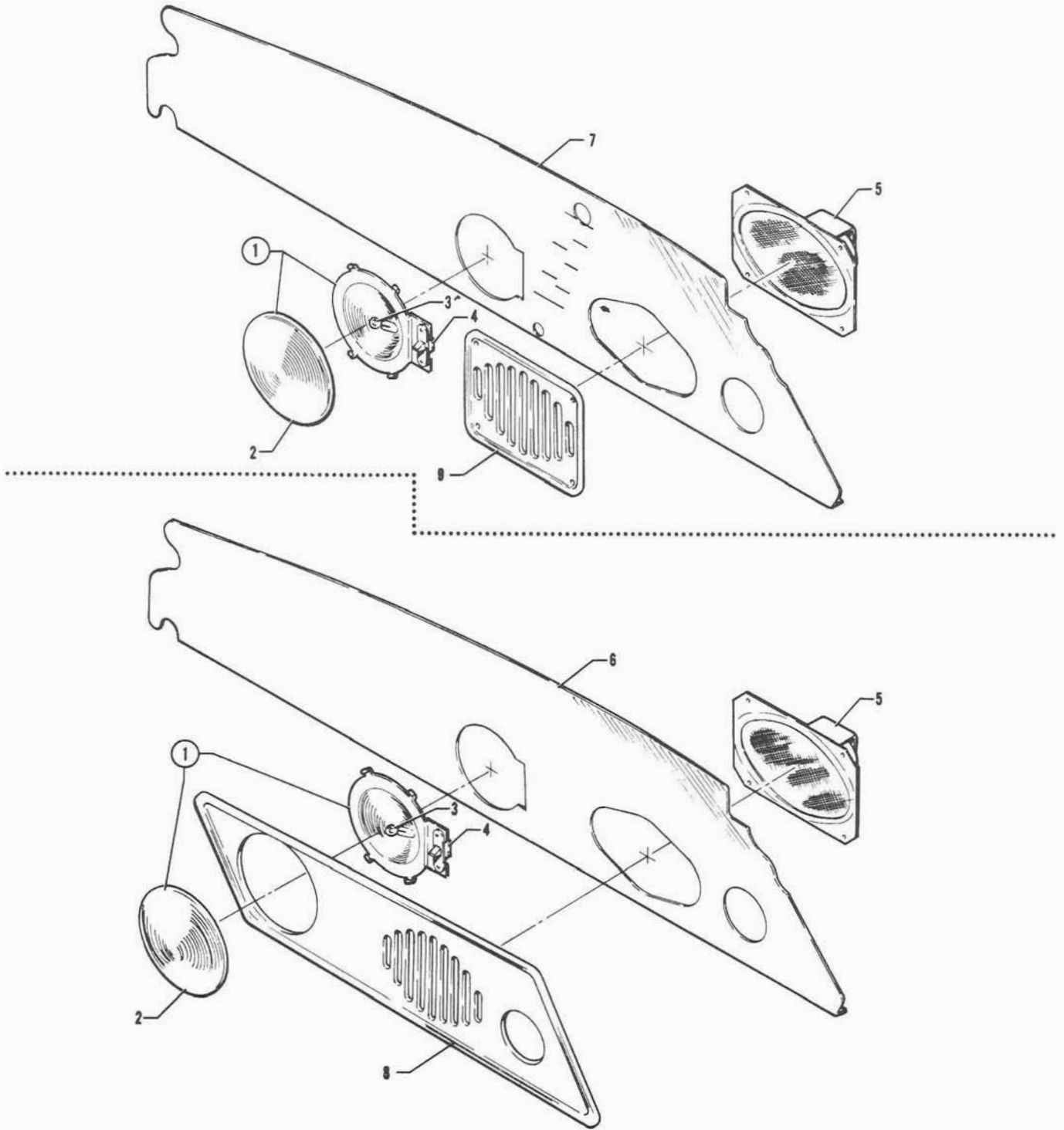


Figure 40C. Speaker and Dome Light Installation

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

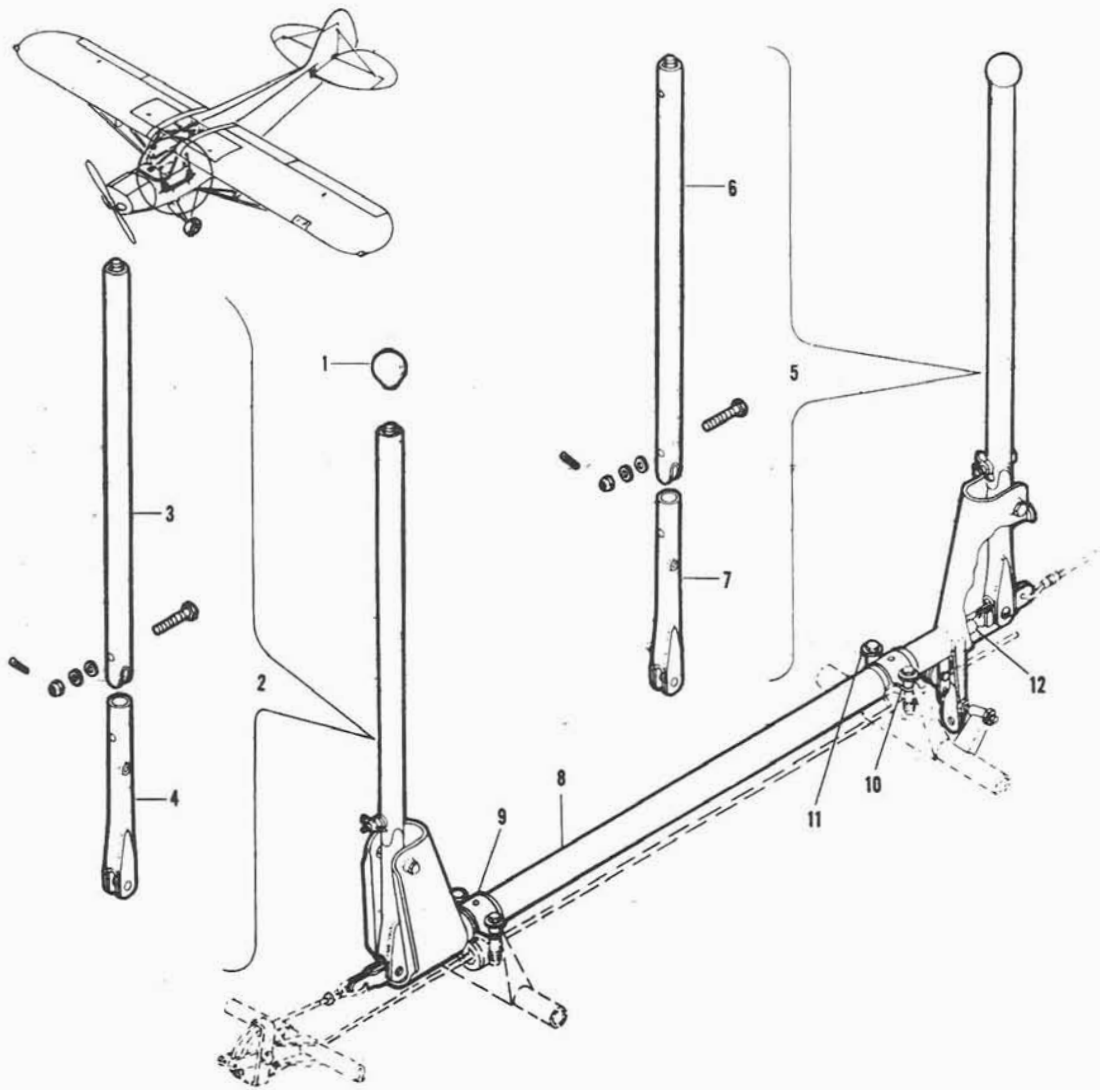


Figure 41. Elevator and Aileron Control Installation

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

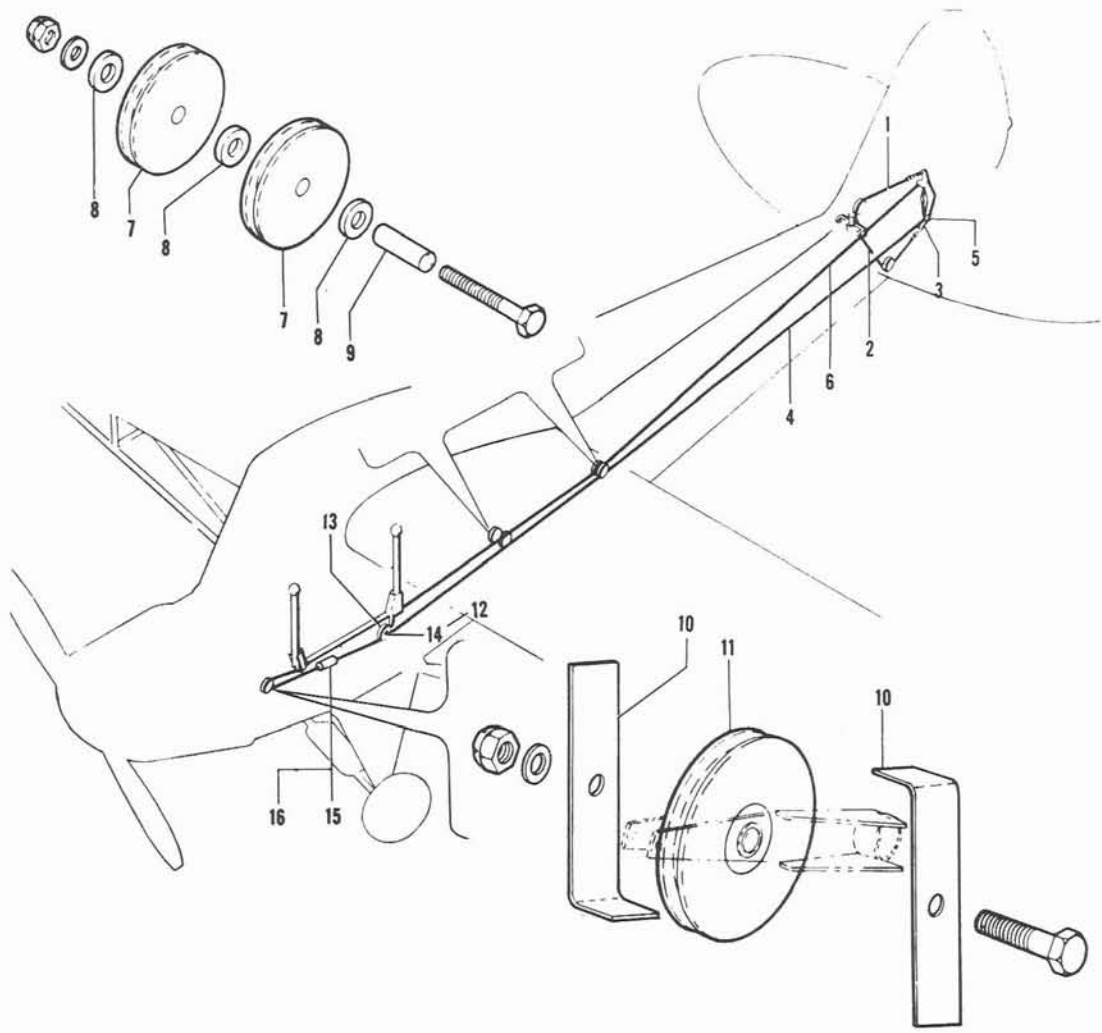


Figure 42. Elevator Control System

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	10870-08	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		CABLE - Aileron control, balance	2	
	14300-19	A	CABLE - Aileron control, balance	2	
-2	81262-36		LINK	2	
-3	40123-76		CABLE - Aileron control, torque tube to aileron	2	
	14300-28	A	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.

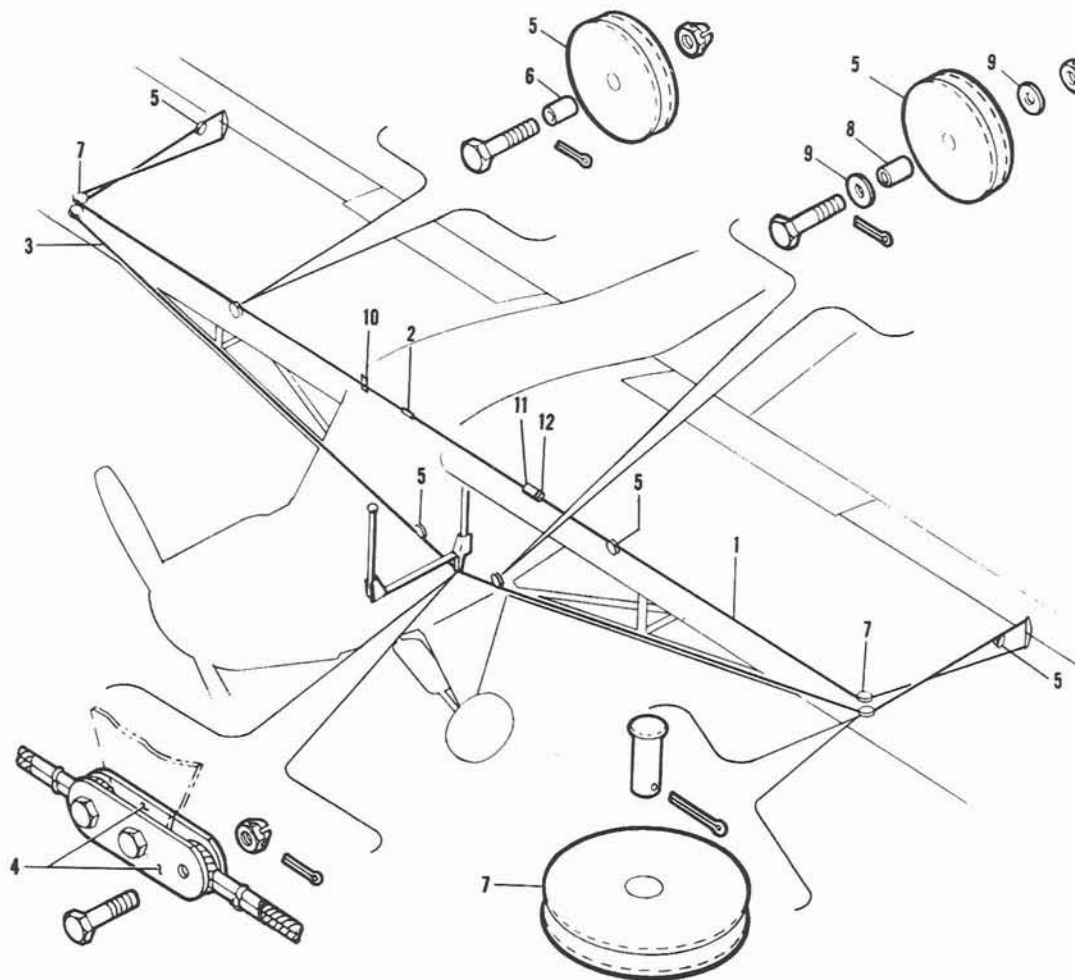


Figure 43. Aileron Control System

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.		

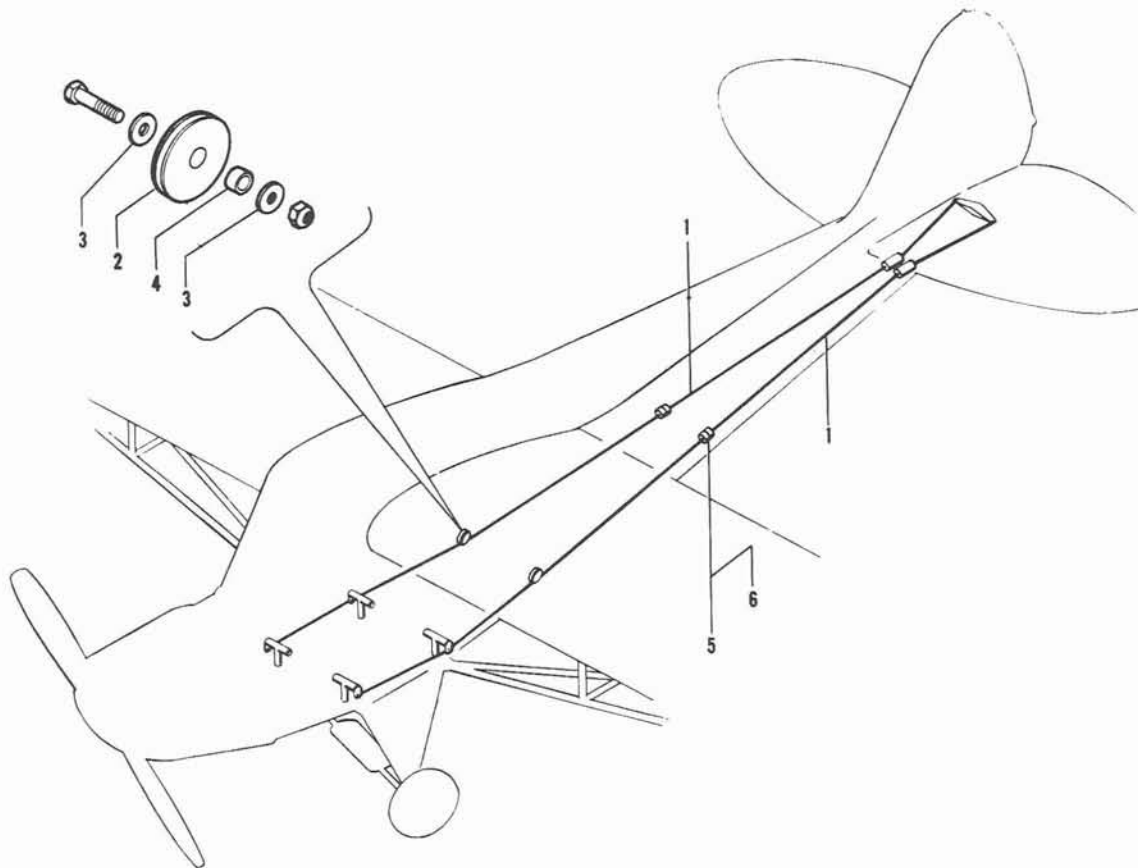


Figure 44. Rudder Control System

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
-4	487 328		SPRING - Flap return (14384-00) "135" and "150"	2	18-3771, 18-3781 and up
	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
	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.

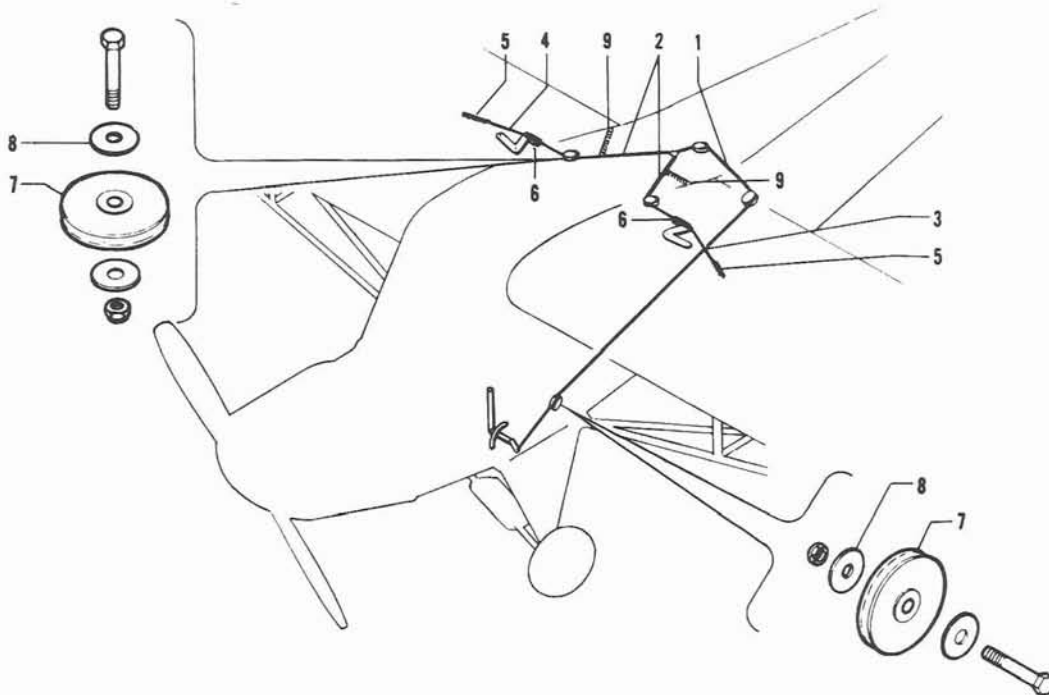


Figure 45. Flap Control System

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
<p>A - Stainless steel cables used when floats installed on airplanes Models PA-18 and PA-18A "105", "125", "135" and "150".</p> <p>B - Used on PA-18 airplanes with serial numbers 18-1 to 18-3770 inclusive, 18-3772 to 18-3780 inclusive.</p>					

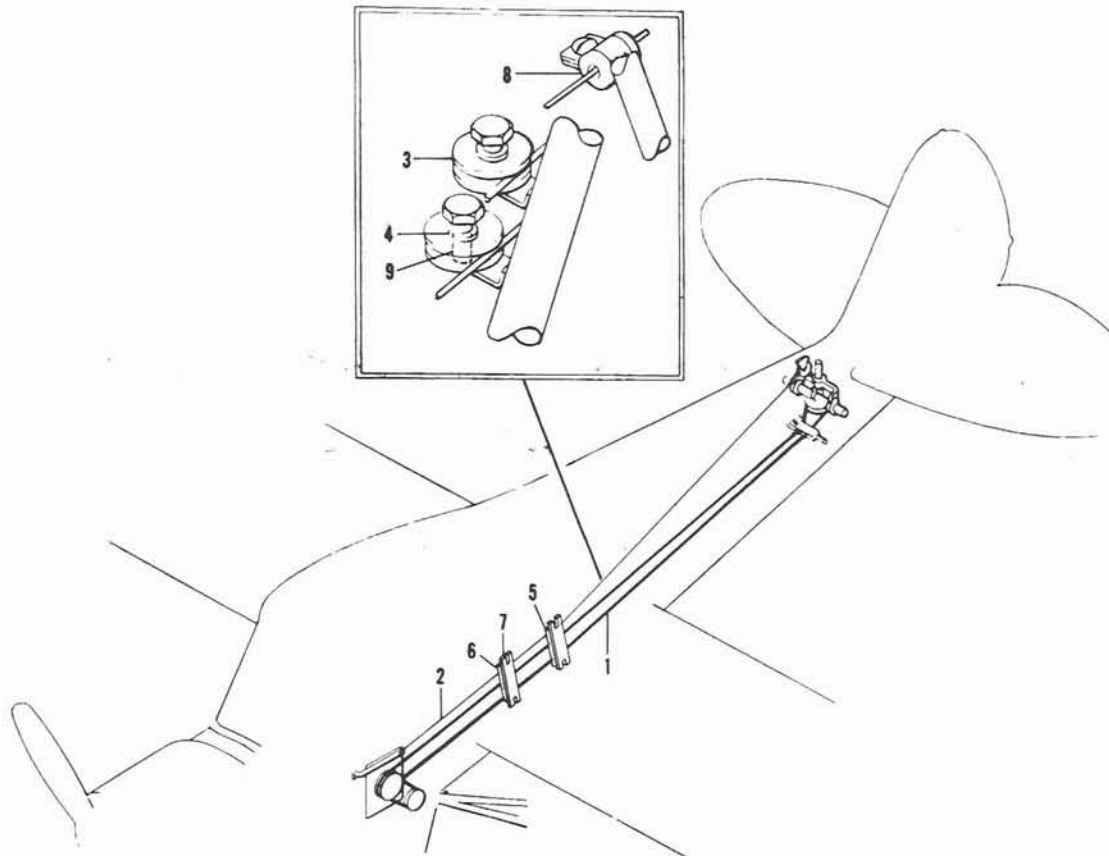


Figure 46. Adjustment Stabilizer Control System

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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

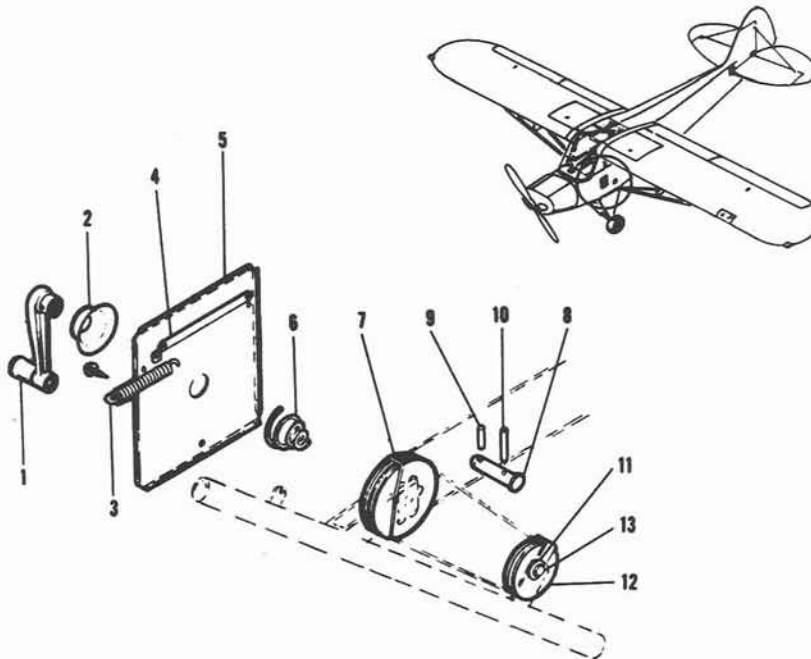


Figure 47. Stabilizer Adjustment Crank Installation

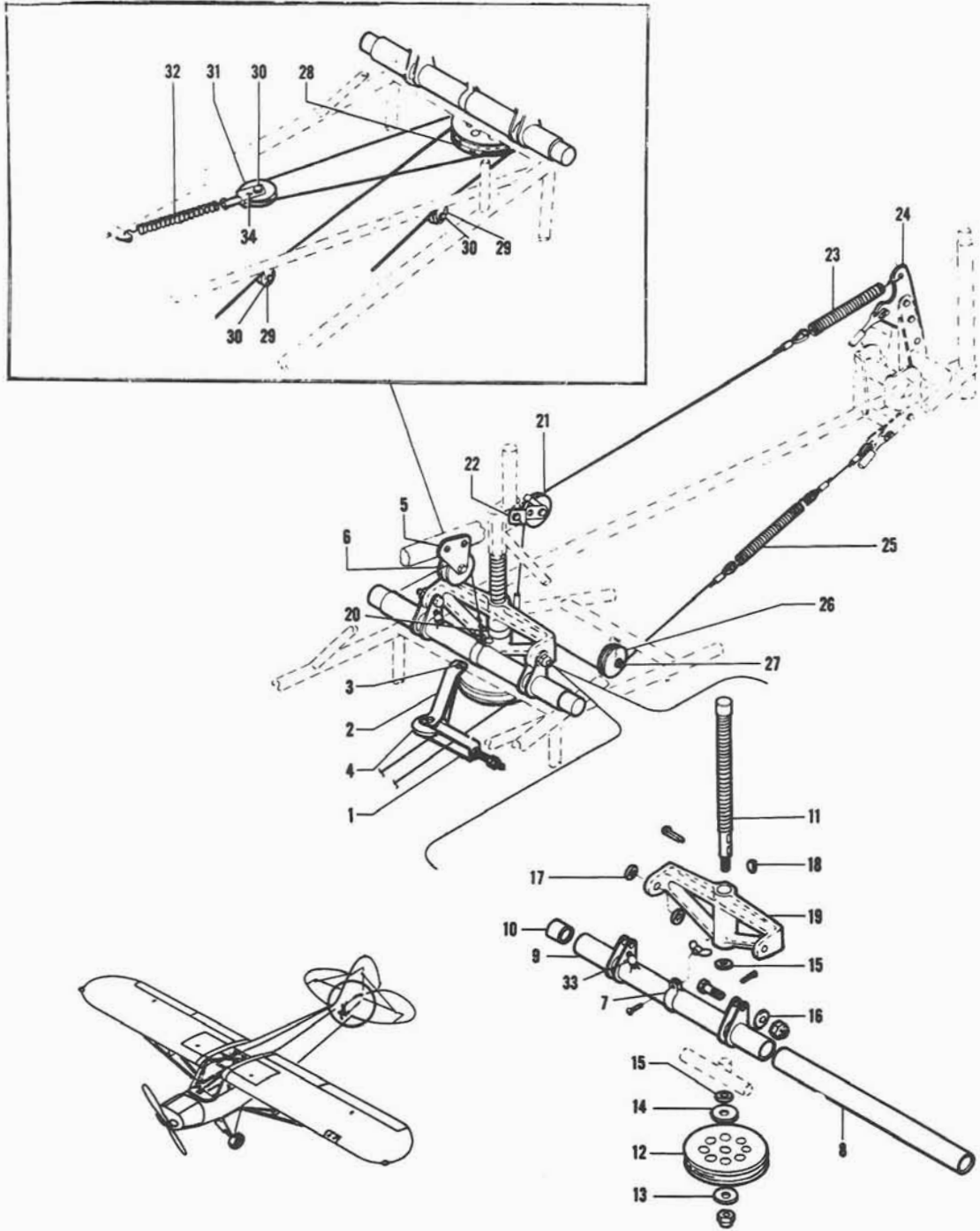


Figure 48. Stabilizer Adjustment Yoke and Bungee Installation

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
<p>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.</p>					

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

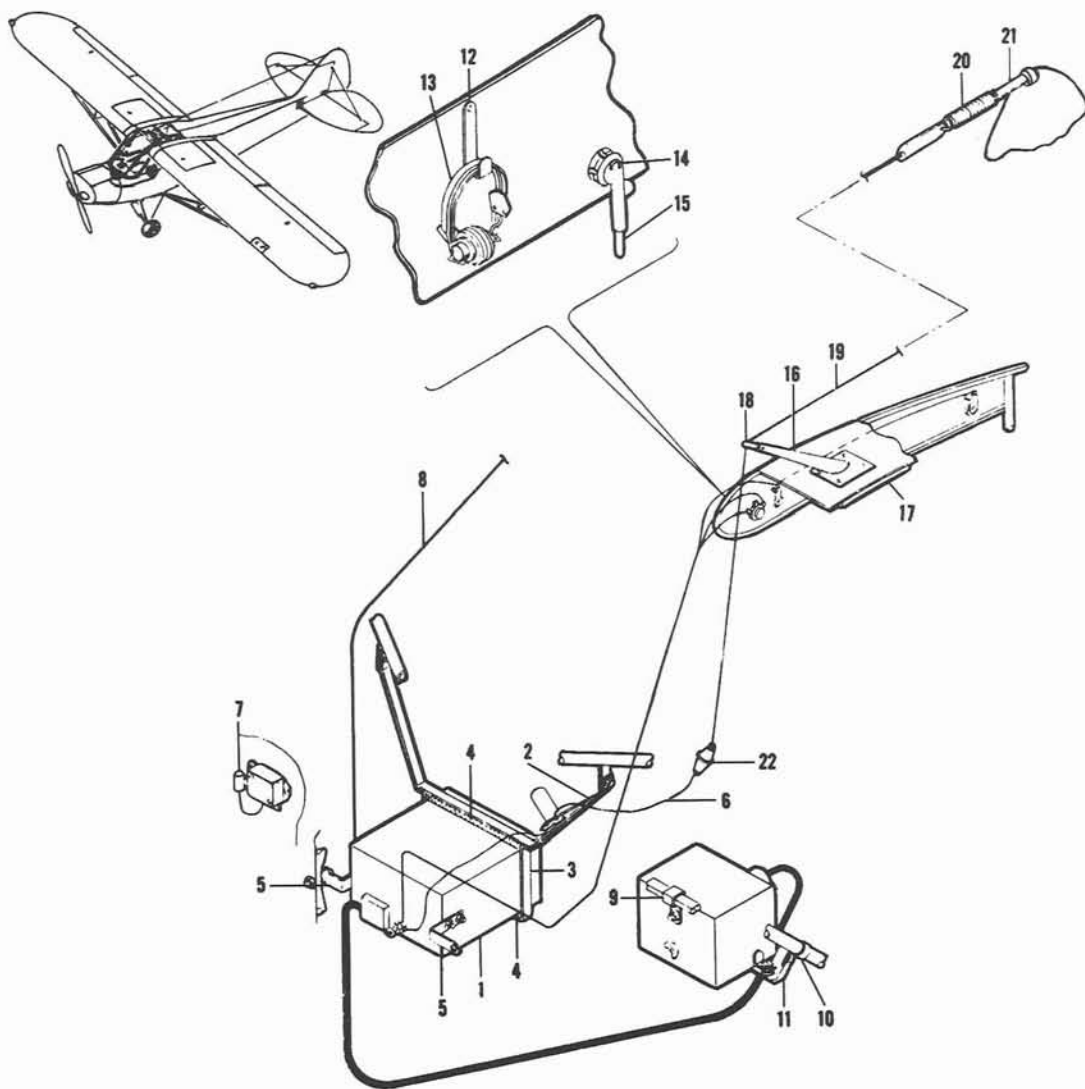


Figure 49. Radio Installation, G. E.

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

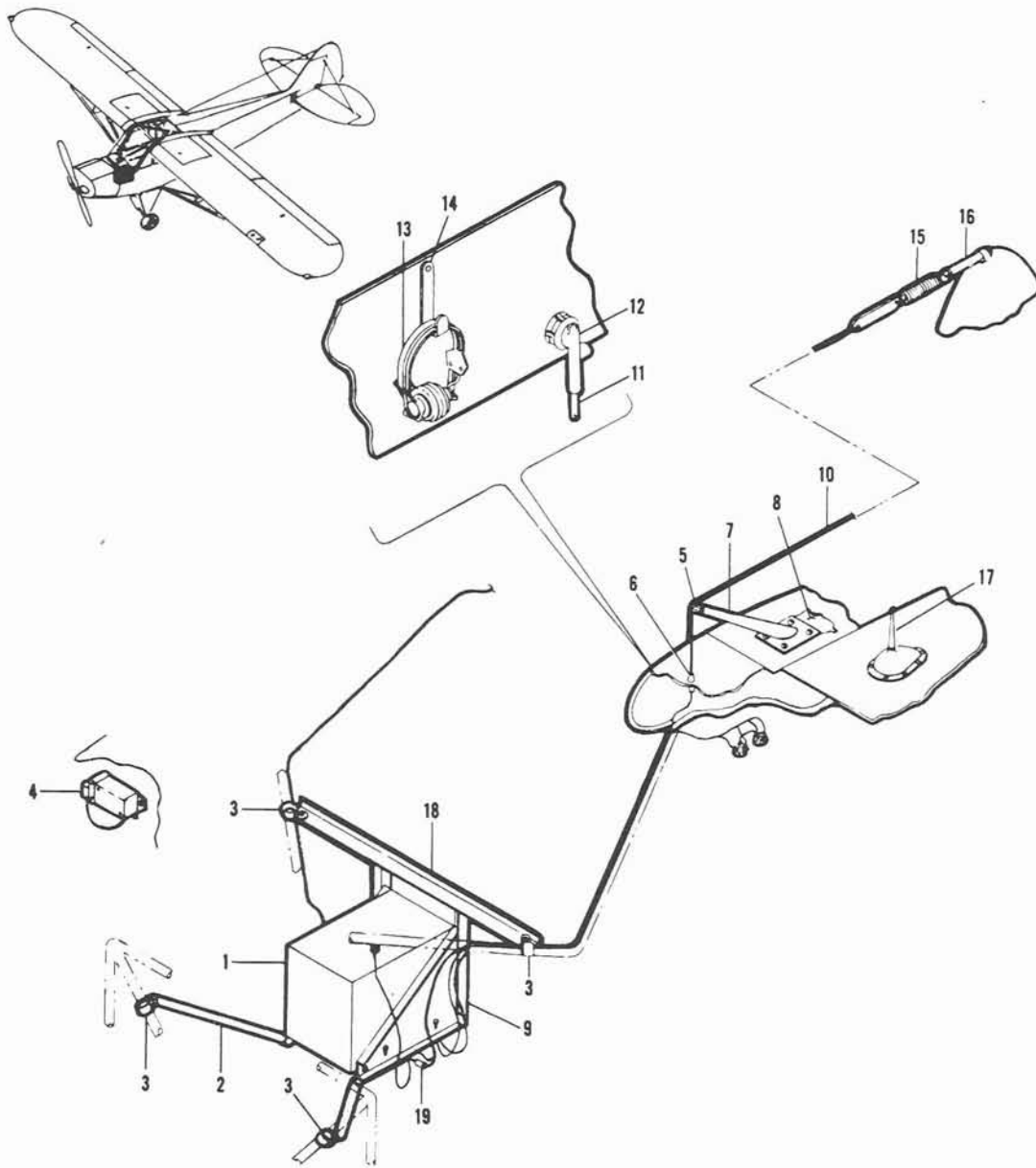


Figure 50. Radio Installation, Bendix PATR-10A

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

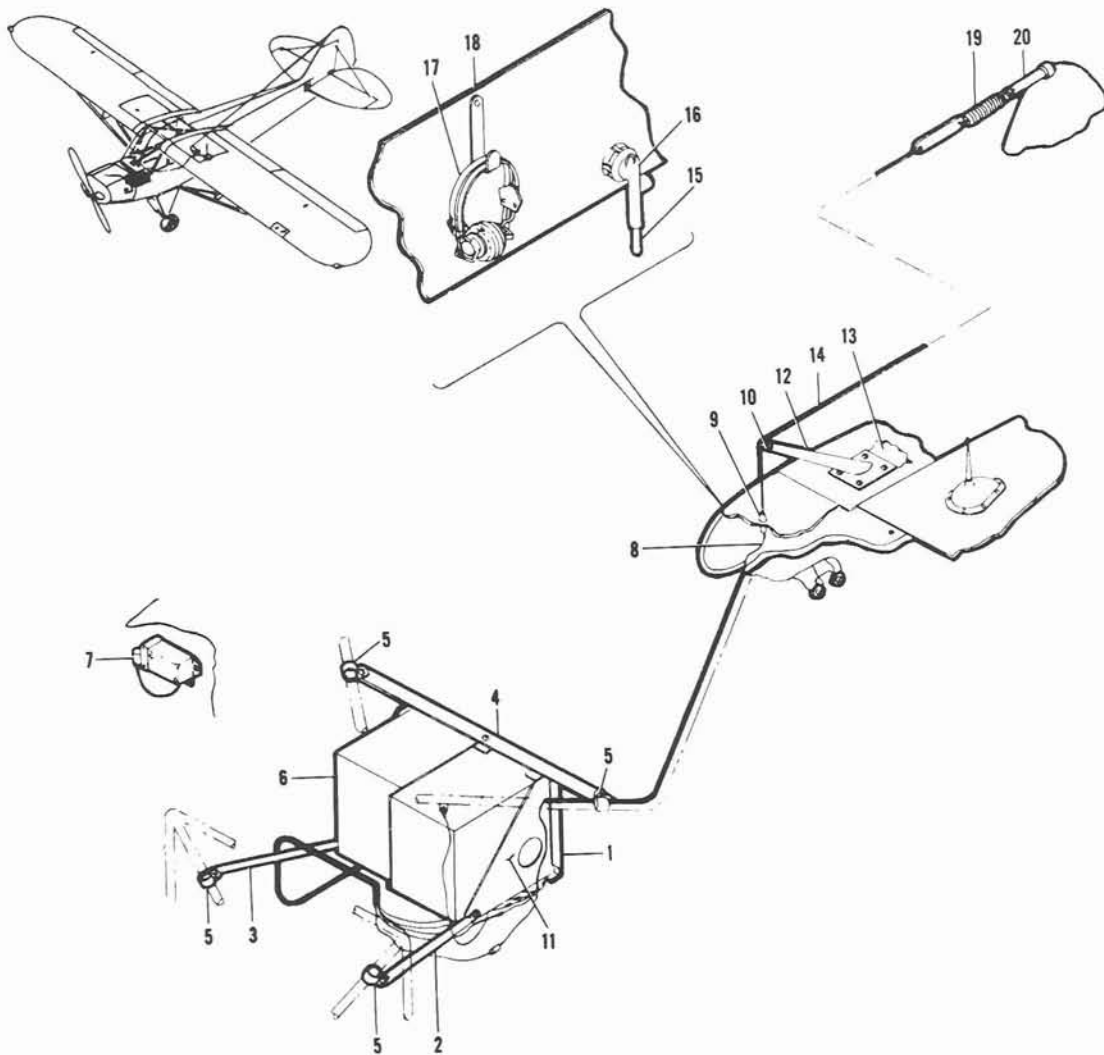


Figure 51. Radio Installation, Bendix PAT-50A

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 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

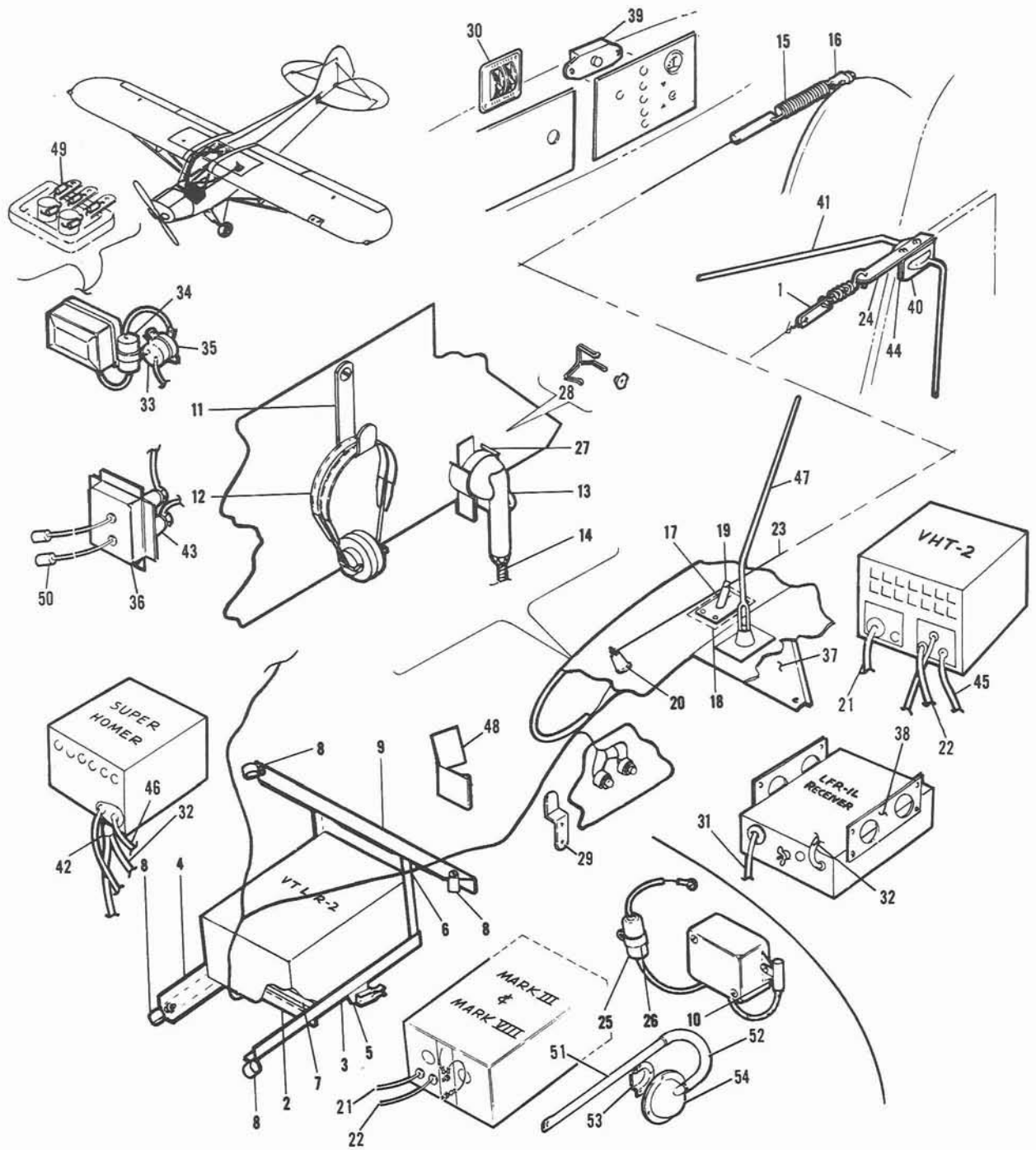


Figure 53. Radio Installation, Narco
(Serial Nos. 18-1970 to 18-8951 inclusive)

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
53-	13954 14589 15295 15295	A C	DRAWING - Radio Installation DRAWING - Radio Installation (Narco) for VTLR-2, L.F. Receiver and Super Homer Radios DRAWING - Radio Installation (Narco Mark III) DRAWING - Radio Installation (Narco Mark VIII)		18-8355 to 18-8780 inclusive 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 14574-00 15264-00	A C	CHANNEL - Radio mounting, left CHANNEL - Radio mounting, left CHANNEL - Radio mounting, left	1 1 1	18-8355 and up
-4	13330-01 14574-01 15264-01	A C	CHANNEL - Radio mounting, right CHANNEL - Radio mounting, right CHANNEL - Radio mounting, right	1 1 1	18-8355 and up
-5	13437-00	A	BRACKET - Control lock, attachment	1	
-6	13948-00 14590-00 15251-03	A C	PANEL - Radio mounting PANEL ASSEMBLY - Radio mounting PANEL ASSEMBLY - Radio mounting	1 1 1	18-8355 and up
-7	85512-09 85512-06	A B	STRIP - Sponge rubber, radio mounting STRIP - Sponge rubber, radio mounting	1 2	
-8	80032-52		CLAMP - Radio mounting, bracket	4	
-9	12949-02 14576-00	A	ANGLE - Radio mounting CHANNEL - Radio mounting	1 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	474 647 474 649		MICROPHONE - (Telephonics #RS-38A) MICROPHONE - (TEL-66C)	1 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 (#NF1F247)	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

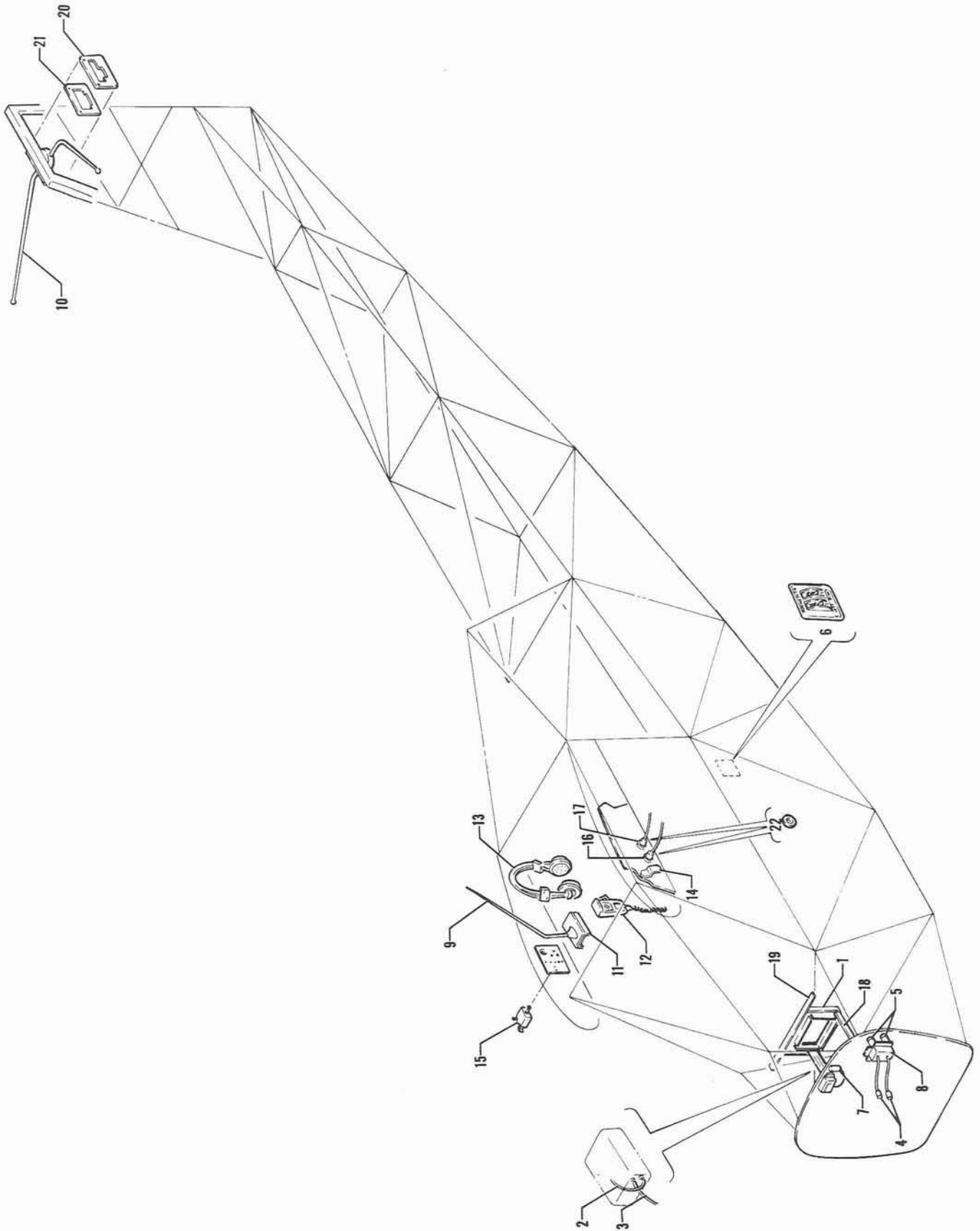


Figure 53A. Radio Installation, Genave
(Serial Nos. 18-8952 and up)

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

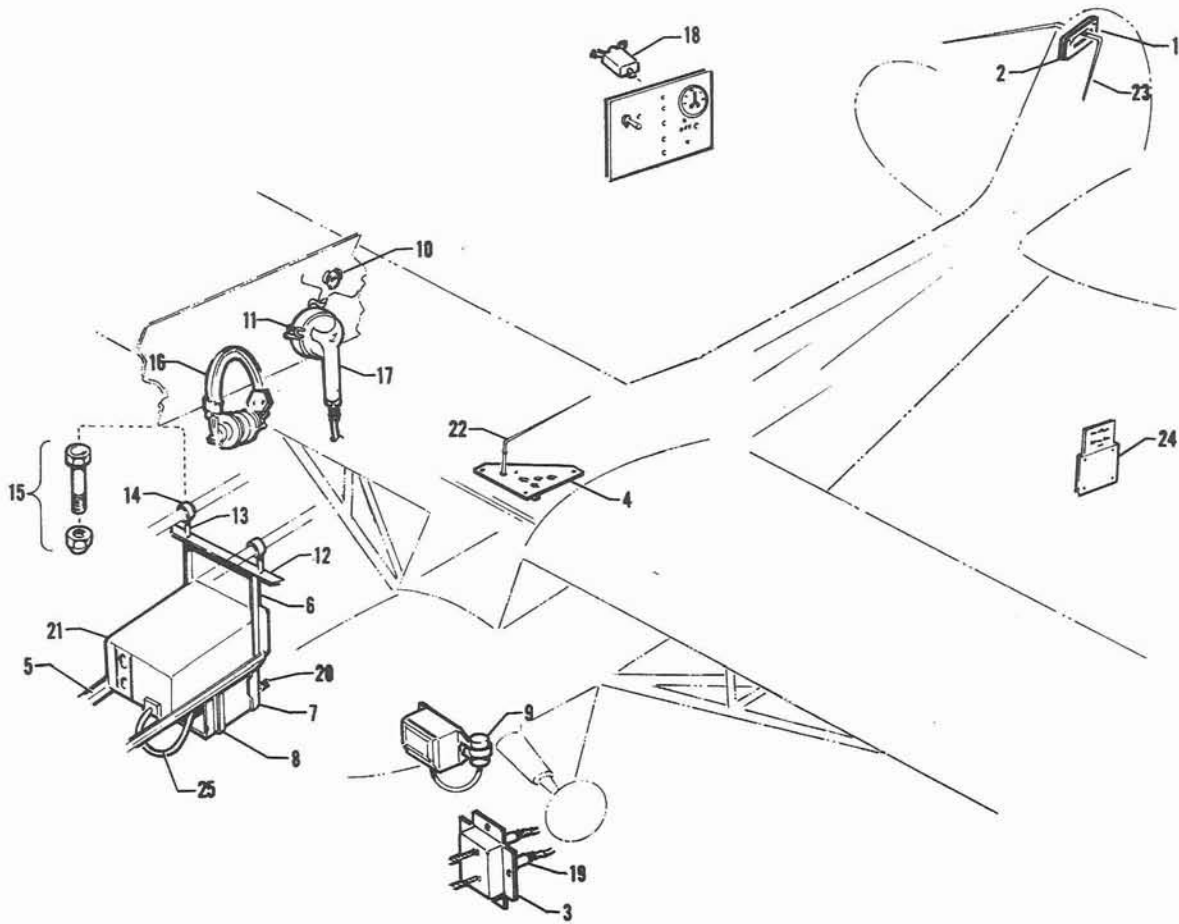


Figure 54. Radio Installation, PTR-1

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

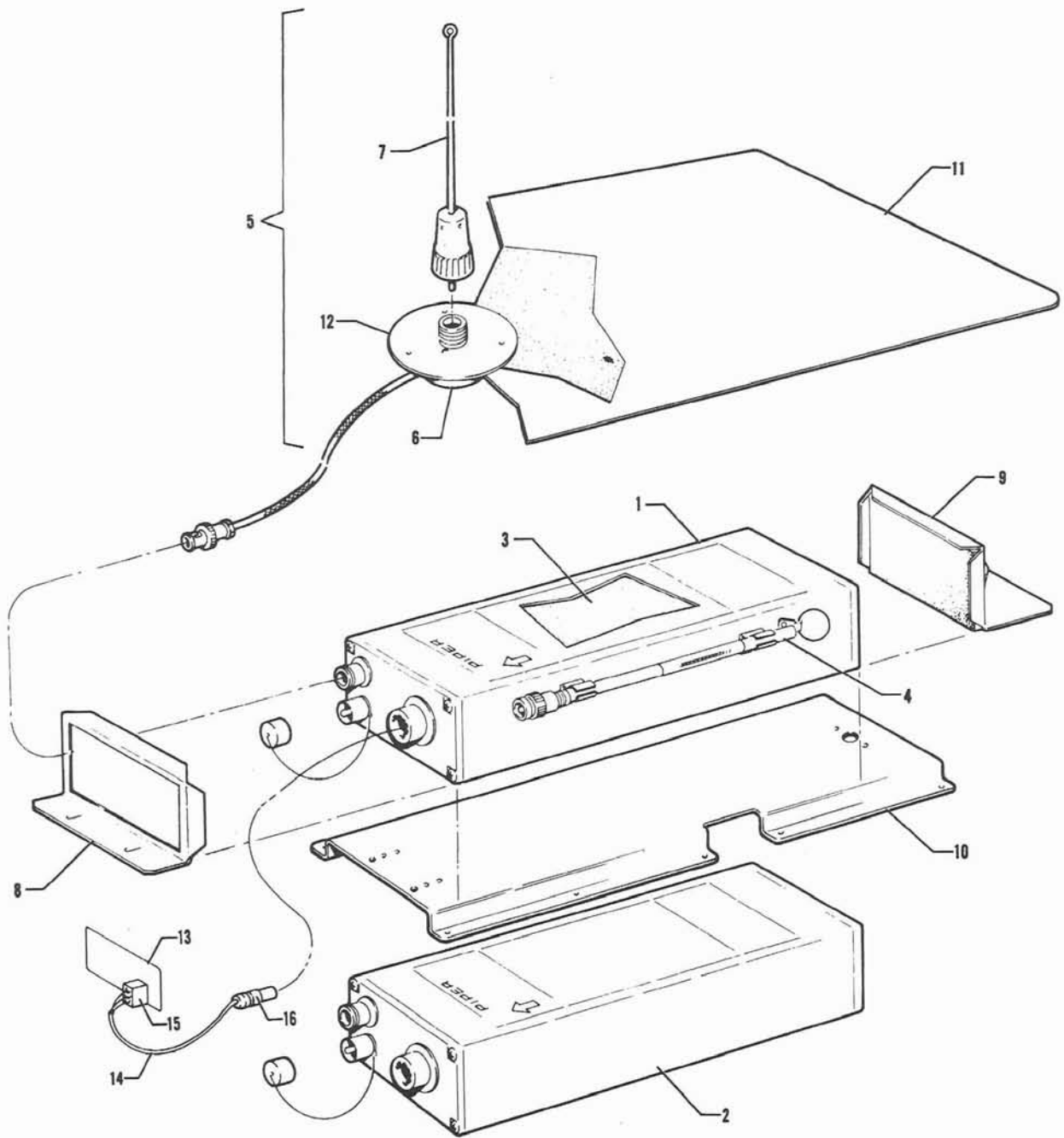


Figure 54A. Piper Automatic Locator (ELT) Installation

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

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"		
754 039			AUXILIARY FUEL TANK INSTALLATION - "95"		(PA-18 only) 18-3014 and up
752 181			AUXILIARY FUEL TANK INSTALLATION - "105" & "125"		(PA-18 only) 18-1 to 18-1969
754 223			CARBURETOR AIR FILTER - "150"		18-3771 to 18-6964 inclusive
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
<p>A - Used on PA-18A airplanes with serial numbers 18-1215 to 18-1969 inclusive.</p> <p>B - Used on PA-18A airplanes with serial numbers 18-3014 to 18-3770 inclusive, 18-3772 to 18-3785 inclusive.</p> <p>C - For use on airplanes where bottom hopper plates are attached with rods.</p> <p>D - Used on PA-18A airplanes with serial numbers 18-1215 to 18-5294 inclusive.</p>					

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		(PA-18 only) 18-3014 and up
	754 028		ELECTRICAL EQUIPMENT - Power supply, "135" and "150"		(PA-18A only) 18-3014 and up
	754 029		ELECTRICAL EQUIPMENT - Power supply, "135" and "150"		
	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

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

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