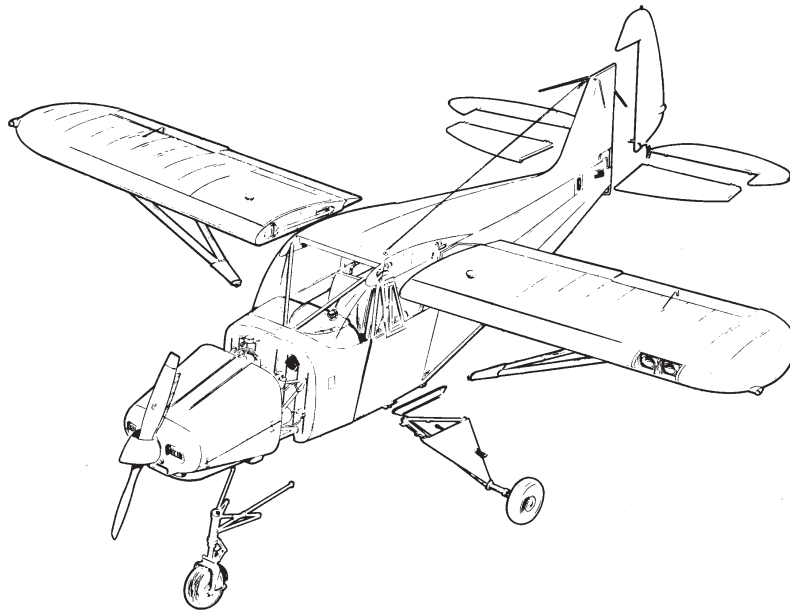


PA-22 TRI-PACER PARTS CATALOG



**PA-22-108, PA-22-125, PA-22-135,
PA-22-150, PA-22-160**



UNIVAIR®

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THIS PARTS CATALOG SUPERSEDES ALL PREVIOUS PA-22 CATALOGS PRIOR TO MARCH 1973

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COME TO UNIVAIR FOR ALL YOUR PA-20 AND PA-22 AIRCRAFT PARTS

INTRODUCTION

This Illustrated Parts Catalog is designed to provide simple but positive identification of replacement parts for the Piper Tri-Pacer PA-22 Models "108", "125", "135", "150" and "160" 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 Section. This section 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 part 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 applicable aircraft serial numbers and 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 numbers.

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 installations. 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 used.
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.

REVISIONS

The information compiled in this catalog will be kept current by revisions distributed periodically through the local distributor.

It is imperative that this material be inserted in the parts catalog at the time it is received. There will be two (2) types of revisions used to keep this catalog current.

I. Temporary Revision

This type revision will be distributed at any time it is necessary to forward information to the field. Complete page replacements may be included in this type revision and shall be inserted in the parts catalog per Paragraph II. The temporary revision may be inserted in the front of the catalog. These revisions will include deletions and additions of parts pertinent to different sections of the parts catalog. Therefore, when the temporary revision is received, review the catalog and mark the affected items with the date code of the latest revision for a ready reference.

II. Permanent Revision

This type revision will be distributed periodically and will supersede all previous temporary revisions. These revisions will be complete page replacements and shall be inserted in the parts catalog as per the instructions given below.

1. Replace the obsolete pages with revised pages of the same page number.
2. Insert pages with page numbers followed by a small letter in direct sequence with the same common page number.
3. Insert pages with page numbers followed by a capital letter in direct sequence with the same common page number but after any pages with the same common page number followed by a small letter.

PA-22 SERIES 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 1951 PA-22 Models "125" are 22-1 to 22-353 inclusive.
 - (2) Serial numbers of the 1952 PA-22 Models "125" are 22-354 to 22-533 inclusive.
 - (3) Serial numbers of the 1952 PA-22 Models "135" are 22-534 to 22-806 inclusive.
 - (4) Serial numbers of the 1953 PA-22 Models "135" are 22-807 to 22-1759 inclusive.
 - (5) Serial numbers of the 1954 PA-22 Models "135" are 22-1760 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive.
 - (6) Serial numbers of the 1955 Models "135" and "150" are 22-2378, 22-2425 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.
 - (7) Serial numbers of the 1956 PA-22 Models "150" are 22-3218, 22-3387 to 22-4142 inclusive and 22-4144 to 22-4459 inclusive.
 - (8) Serial numbers of the 1957 PA-22 Models "150" are 22-4143, 22-4460 to 22-5138 inclusive and 22-5140 to 22-5602 inclusive.
 - (9) Serial numbers of the 1958 PA-22 Models "150" and "160" are 22-5139, 22-5603 to 22-6215 inclusive, 22-6217 to 22-6351 inclusive.
 - (10) Serial numbers of the 1959 PA-22 Models "150" and "160" are 22-6216, 22-6352 to 22-6784 inclusive, 22-6786 to 22-6857 inclusive and 22-6859 to 22-6979 inclusive.
 - (11) Serial numbers of the 1960 PA-22 Models "150" and "160" are 22-6758, 22-6858, 22-6980 to 22-7642 inclusive.
 - (12) Serial numbers of the 1961 PA-22 Models "108" are 22-8000 to 22-9036 inclusive.
 - (13) Serial numbers of the 1962 PA-22 Models "108" are 22-9037 to 22-9469 inclusive.
 - (14) Serial numbers of the 1963 PA-22 Models "108" are 22-9470 to 22-9728 inclusive.
 - (15) Serial numbers of the 1964 PA-22 Models "108" are 22-9729 and up.
- b. The model designation "135" pertains to the PA-22 Tri-Pacer aircraft equipped with the Lycoming O-290-D2 engine.
- c. The rear seat heater was installed on all Model PA-22 "135" aircraft with the exception of airplanes serial numbers 22-535, 22-536, 22-537, 22-538, 22-539 and 22-543.

CURRENT REVISIONS ISSUED

Current, Permanent and Temporary Revisions to this PA-22 Parts Catalog issued March 1973 are as follows:

STANDARD PAINT CHART

	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	MFG. NO.	PIPER PART NUMBER	GALLON
DOPE – BUTYRATE																	
Sportsman Beige	X	X	X	X	X	X	X								X-5710-B	751-591	751-592
Hickory Brown	X	X	X	X	X	X	X								Y-9775-B	751-651	751-652
Lock Haven Yellow	X	X	X	X	X	X	X								M-9521-B	751-587	751-588
Tucson Cream	X	X	X	X	X	X	X								X-5260-B	751-589	751-590
Miami Blue	X	X	X	X	X	X	X								X-5700-B	751-603	751-604
Sacramento Green	X	X	X	X	X	X	X								X-5270-B	751-597	751-598
Boston Maroon	X	X	X	X	X	X	X								X-5680-B	751-605	751-606
Tennessee Red	X	X	X	X	X	X	X								M-9522-B	751-599	751-600
Polar Gray	X	X	X	X	X	X	X								Y-6100-B	751-595	751-596
Forest Green	X	X	X	X	X	X	X								Y-6350-B	751-607	751-608
Tennessee Red "52"	X	X	X	X	X	X	X								M-9522-B	751-641	751-642
Lemon Yellow	X	X	X	X	X	X	X								M-9512-B	751-635	751-636
Cream Yellow	X	X	X	X	X	X	X								Y-7551-B	751-643	751-644
Tampico Green	X	X	X	X	X	X	X								XZ-2160-B	751-649	751-650
Sun Valley Ivory	X	X	X	X	X	X	X								Z-7245-B	751-647	751-648
Adirondack Gray	X	X	X	X	X	X	X								Z-7240-B	751-656	751-657
Daytona White	X	X	X	X	X	X	X								J-9545-B	751-660	751-661
Key West Blue	X	X	X	X	X	X	X								J-9550-B	751-662	751-663
Cadillac Red	X	X	X	X	X	X	X								J-9555-B	751-664	751-665
Pasadena Rose	X	X	X	X	X	X	X								H-4800-B	751-666	751-667
Santa Fe Red	X	X	X	X	X	X	X								H-9150-B	754-500	754-501
Bahama Blue	X	X	X	X	X	X	X								H-9170-B	754-502	754-503
Hershey Brown	X	X	X	X	X	X	X								H-9160-B	754-504	754-505
Montego Green	X	X	X	X	X	X	X								F-5830-B	754-507	754-508
Pensacola Gray	X	X	X	X	X	X	X								W-1462-B	754-510	754-511
Pontiac Red	X	X	X	X	X	X	X								W-3665-B	754-512	754-513
Phoenix Tan	X	X	X	X	X	X	X								W-3557-B	754-514	754-515
Portland Green	X	X	X	X	X	X	X								W-3558-B	754-516	754-517
El Paso Brown (M)	X	X	X	X	X	X	X								W-8433-B	754-519	754-520
Tampa Green (M)	X	X	X	X	X	X	X								W-8427-B	754-521	754-522
Newport Blue (M)	X	X	X	X	X	X	X								W-8430-B	754-523	754-524
Juneau White	X	X	X	X	X	X	X								B-4243-B	754-532	754-533
ENAMEL																	
Lock Haven Yellow	X	X	X	X	X	X	X								M-9521-E	751-617	751-618
Tucson Cream	X	X	X	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
Polar Gray	X	X	X	X	X	X	X								Y-6100-E	751-615	751-616
Sportsman Beige	X	X	X	X	X	X	X								X-5710-E	751-613	751-614
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
Tennessee Red	X	X	X	X	X	X	X								M-9522-E	751-621	751-622

(M) – Metallic

STANDARD PAINT CHART

	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	MFG. NO.	PIPER PART NUMBER QUART	PIPER PART NUMBER GALLON
ENAMEL (cont.)																	
Tennessee Red "52"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	M-9522-E	751-694	751-695
Lemon Yellow	X	X													M-9512-E	751-692	751-693
Cream Yellow	X		X												Y-7551-E	751-677	751-678
Tampico Green				X	X	X	X								XZ-2160-E	751-683	751-684
Sun Valley Ivory				X	X	X	X								Z-7245-E	751-681	751-682
Adirondack Gray			X	X	X	X	X								Z-7240-E	751-685	751-686
Rapid City Black					X	X	X			X					J-3940-E	751-696	751-697
Daytona White						X	X	X		X		X			J-9545-E	751-700	751-701
Key West Blue					X	X	X								J-9550-E	751-702	751-703
Cadillac Red					X	X	X								J-9555-E	751-704	751-705
Pasadena Rose							X	X							H-4800-E	751-708	751-709
Santa Fe Red						X	X	X		X					H-9150-E	751-712	751-713
Bahama Blue						X	X	X		X	X				H-9170-E	751-714	751-715
Hershey Brown						X	X	X		X					H-9160-E	751-716	751-717
Montego Green						X	X	X		X					F-5830-E	751-718	751-719
Pontiac Red											X	X			W-3665-E	754-716	754-717
Phoenix Tan										X	X				W-3557-E	754-718	754-719
Portland Green											X	X			W-3558-E	754-724	754-725
Pensacola Gray										X					W-1462-E	754-711	754-712
Norfolk Gray						X				X		X			W-1463-E	754-713	754-714
El Paso Brown (M)												X			W-8433-E	754-737	754-738
Tampa Green (M)												X			W-8427-E	754-739	754-740
Newport Blue (M)												X			W-8430-E	754-741	754-742
Juneau White															B-4243-E	754-755	754-756
DOPE – CLEAR																	
Nitrate																750-165	750-166
Butyrate																751-593	751-594
DOPE – ALUMINUM																	
Nitrate																750-193	750-194
Butyrate																751-633	751-634
PRIMER																	
Zinc Chromate																750-161	750-162
THINNER																	
Nitrate																750-177	750-178
Zinc Chromate																750-186	750-186
Butyrate																751-631	751-632
Enamel																751-629	751-630
RETARDER																	
Butyrate																	179-550

(M) – Metallic

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*Not used on PA-22-108.

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*Not used on PA-22-108.

**Used on PA-22-108 only.

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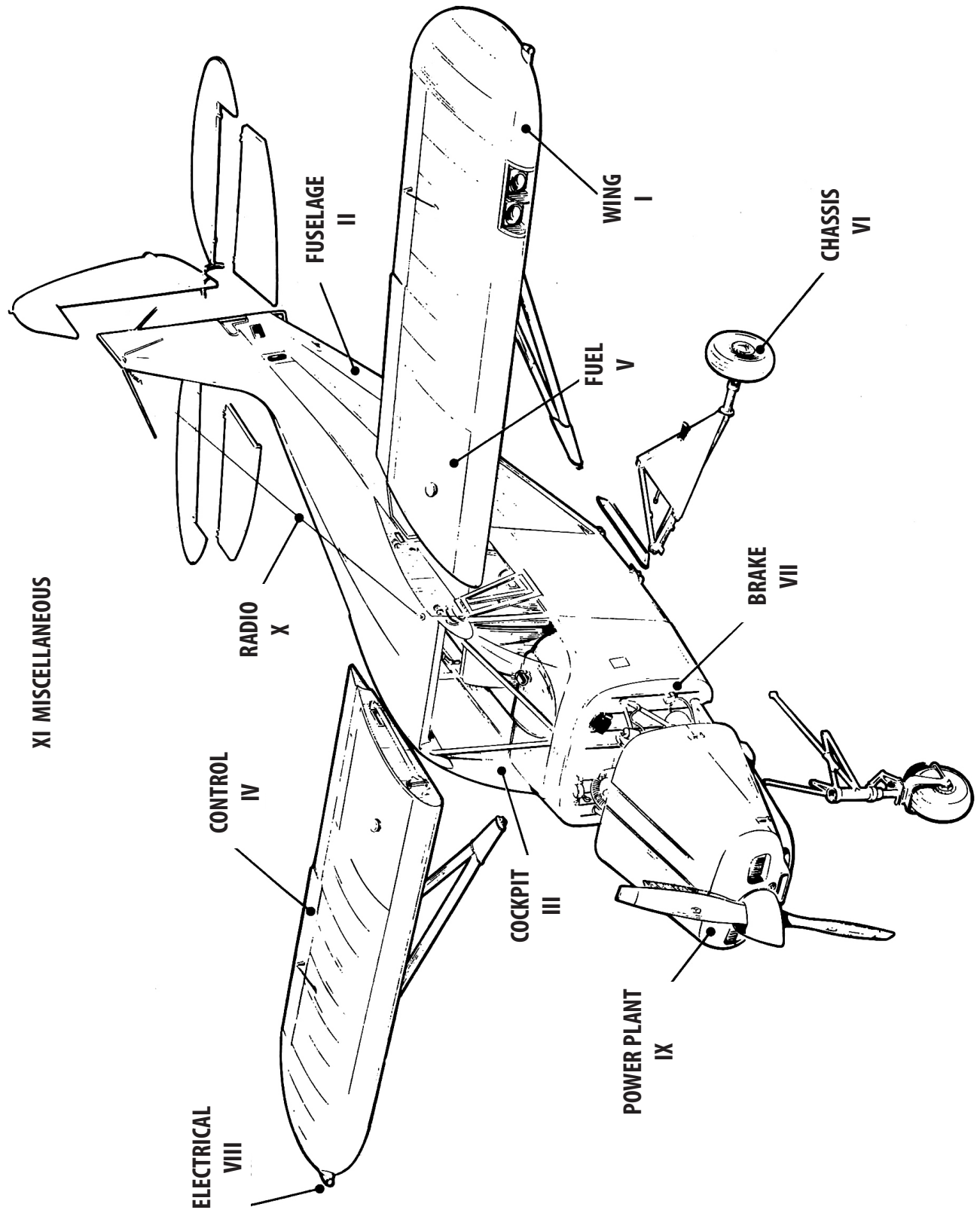


Figure 1. Exploded View of Complete Airplane

PA-22 TRI-PACER PARTS CATALOG

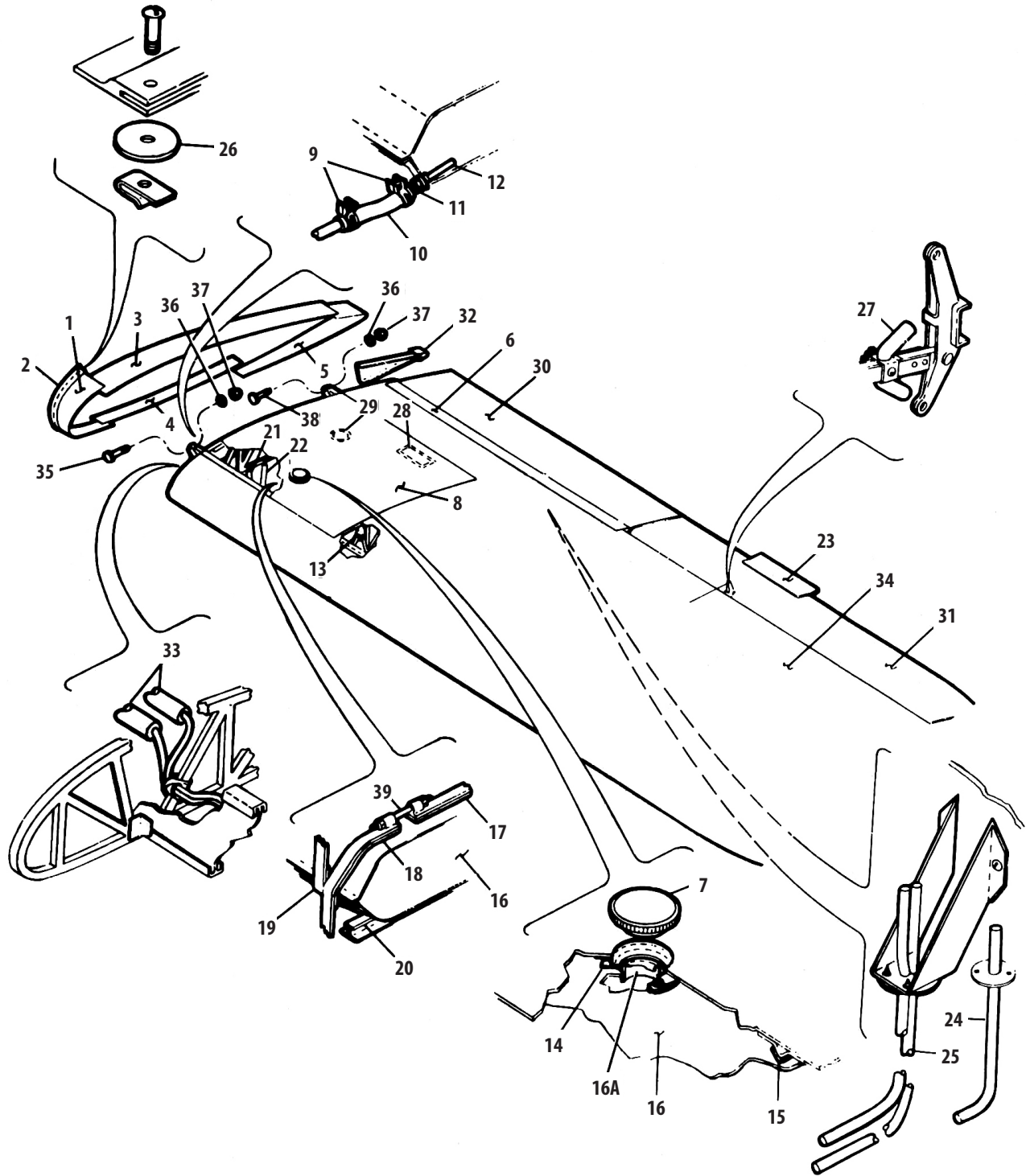


Figure 2. Wing and Fuel Tank Installation

WING AND FUEL TANK INSTALLATION

SECTION I
Wing Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
2-	13088		DRAWING – Rigging Procedure		22-1 to 22-806 inclusive
	13943		DRAWING – Rigging Procedure		22-807 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	12538		DRAWING – Wing and Fuel Tank Installation		22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	14464		DRAWING – Rigging Procedure		22-2378, 22-2425 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive
	14414		DRAWING – Wing and Fuel Tank Installation		22-2378, 22-2425 to 22-7642 inclusive
	-14698DWG		DRAWING – Rigging Procedure		22-3218, 22-3387 to 22-7642 inclusive
	15140		DRAWING – Wing Installation		22-8000 and up
-1	U11526-000		FAIRING – Wing root, leading edge, LH	1	
	U11526-001		FAIRING – Wing root, leading edge, RH	1	
-2	-19657-000		MOULDING – Rubber	2	
-3	U11523-000		FAIRING – Wing root, top	2	
-4	U11525-000		FAIRING – Wing root, bottom front, LH	1	22-1 to 22-806 inclusive
	U11525-002		FAIRING – Wing root, bottom front, LH	1	22-807 and up
	U11659-000		FAIRING – Wing root, bottom front, RH	1	22-1 to 22-7642 inclusive, 22-8000 to 22-8814 inclusive, 22-8816, 22-8818, 22-8821, 22-8822
	U15214-000		FAIRING – Wing root, bottom front, RH	1	22-8815, 22-8817, 22-8819, 22-8820, 22-8823 and up
-5	U11524-004		FAIRING – Wing root, bottom rear, LH	1	22-1 to 22-7642 inclusive, 22-8000 to 22-8814 inclusive, 22-8816, 22-8818, 22-8821, 22-8822
	U15212-000		FAIRING – Wing root, bottom rear, LH	1	22-8815, 22-8817, 22-8819, 22-8820, 22-8823 and up
	U11524-003		FAIRING – Wing root, bottom rear, RH	1	22-1 to 22-7642 inclusive, 22-8000 to 22-8814 inclusive, 22-8816, 22-8818, 22-8821, 22-8822
	U15212-001		FAIRING – Wing root, bottom rear, RH	1	22-8815, 22-8817, 22-8819, 22-8820, 22-8823 and up
-6	U13172-000	A	FAIRING – Flap, LH	1	
	U13172-001	A	FAIRING – Flap, RH	1	
-7	U60750-002	A	CAP ASSEMBLY – Fuel tank	2	
	U60750-002	B	CAP ASSEMBLY – Fuel tank	1	
-8	U12570-009		COVER ASSEMBLY – Fuel tank	2	
-9	AN746-6		CLAMP – Ideal hose, 3/4 inch	6	
	AN746-6	A	CLAMP – Hose, fuel line to right tank attachment	2	
	AN746-6	B	CLAMP – Hose, fuel line to left tank attachment	4	
-10	U82371-010	A	HOSE – Flexible, tank strainer to fuel line connector	3	
	U82371-010	A	HOSE – Flexible, fuel line to right rear wing tank attachment	1	
	U82371-010	B	HOSE – Flexible, fuel strainer to fuel line	2	
-11	AN840-6D		NIPPLE – Tank strainer to fuel line (AN840-6D)	3	
	AN840-6D	B	NIPPLE – Tank strainer to fuel line (AN840-6D)	2	
	AN840-6D		NIPPLE – Tank strainer to fuel line (AN840-6D)	1	

A – Not used on PA-22-108.

B – Used on PA-22-108.

WING AND FUEL TANK INSTALLATION

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
2-12	U72091-000		STRAINER ASSEMBLY – Fuel tank outlet (in tank)	3	
	U72091-000		STRAINER ASSEMBLY – Fuel tank outlet (in tank)	1	
	U72091-000		B STRAINER ASSEMBLY – Fuel tank outlet (in tank)	2	
-13	U11034-000		COVER ASSEMBLY – Fuel tank brace	4	
	U11034-000	B	COVER ASSEMBLY – Fuel tank brace	2	
-14	U80122-048	A	WASHER – Fuel seal	2	
	U80122-048	B	WASHER – Fuel seal	1	
-15	-180-497		FELT – Wing tank cover, SAE F-50	10'	
-16	U10849-034		TANK ASSEMBLY – Fuel, LH	1	
	U10849-033	AC	AC TANK ASSEMBLY – Fuel, RH	1	
-16a	-74181-000		FLANGE – Fuel tank filler cap	1	
-17	-10016-020	A	FELT – Fuel tank strap, top, rear	4	
	-10016-020	B	FELT – Fuel tank strap, top, rear	2	
-18	-10016-017	A	FELT – Fuel tank strap, top, front	4	
	-10016-017	B	FELT – Fuel tank strap, top, front	2	
-19	-10016-021	A	FELT – Fuel tank strap, bottom	4	
	-10016-021	B	FELT – Fuel tank strap, bottom	2	
-20	-10016-022	A	FELT STRIP – Fuel tank rib	4	
	-10016-022	B	FELT STRIP – Fuel tank rib	2	
-21	-10016-023	A	FELT STRIP – Wing channel brace, short (at fuel tank)	2	
	-10016-023	B	FELT STRIP – Wing channel brace, short (at fuel tank)	1	
-22	-10016-024	A	FELT STRIP – Wing channel brace, long (at fuel tank)	2	
	-10016-024	B	FELT STRIP – Wing channel brace, long (at fuel tank)	1	
-23	11253-00		TAB – Aileron trim	1	
-24	11582-00		TUBE ASSEMBLY – Pitot	1	22-1 to 22-533 inclusive
-25	U13764-000		TUBE ASSEMBLY – Pitot and static, “135”	1	22-534 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	-14494-000		TUBE ASSEMBLY – Pitot, airspeed	1	22-2378, 22-2425 and up
-26	U85012-014		WASHER – Windshield attachment, felt	2	
-22	U14581-005		STOP ASSEMBLY – Aileron horn	2	
-28	U82461-000		COVER – Inspection rectangular	AR	
-29	U12761-002		COVER – Inspection round	AR	
	483-10		COVER – Inspection round, generic alternate	AR	
-30	12484-00	AD	FLAP ASSEMBLY – Covered, LH	1	
	12484-01	AD	FLAP ASSEMBLY – Covered, RH	1	
-31	12475-00	E	AILERON ASSEMBLY – Covered, LH	1	
	12475-01	E	AILERON ASSEMBLY – Covered, RH	1	
-32	-12537-000	A	PLATE ASSEMBLY – Fairing attachment (at rear of wing butt rib)	2	
-33	-83161-002		HOSE – Rubber, airspeed tube connector at wing butt	2	22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	-83161-002		HOSE – Rubber, airspeed tube connector at wing butt	1	22-2378, 22-2425 and up
			A – Not used on PA-22-108.		
			B – Used on PA-22-108.		
			C – Used when auxiliary fuel system is installed on PA-22-108.		
			D – See Figure 7 for component parts.		
			E – See Figure 4 for component parts.		

WING AND FUEL TANK INSTALLATION

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
2-34	12487-00		PANEL ASSEMBLY – Wing, covered, “125”, LH	1	22-1 to 22-533 inclusive
	14413-00	A	PANEL ASSEMBLY – Wing, covered, LH	1	22-2378, 22-2425 and up
	15138-00	B	PANEL ASSEMBLY – Wing, covered, LH	1	
	14413-01	A	PANEL ASSEMBLY – Wing, covered, RH	1	22-2378, 22-2425 and up
	15138-01	B	WING ASSEMBLY – Covered, RH	1	
-34	15138-03	BC	WING ASSEMBLY – Covered, RH	1	
	12487-04	A	PANEL ASSEMBLY – Wing, covered, “135”, LH	1	22-534 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	12487-01	A	PANEL ASSEMBLY – Wing, covered, RH	1	22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
-35	AN5-17A		BOLT – (Front spar)	2	
-36	NAS1149F0563P		WASHER	10	
-37	MS21044N5		STOP NUT – Elastic, No. 42E054	4	
-38	AN5-16A		BOLT – (Rear spar)	2	
-39	U80111-000		STUD – Fuel tank strap connection	4	
			A – Not used on PA-22-108.		
			B – Used on PA-22-108.		
			C – Optional equipment for use with auxiliary fuel system on PA-22-108.		

PA-22 TRI-PACER PARTS CATALOG

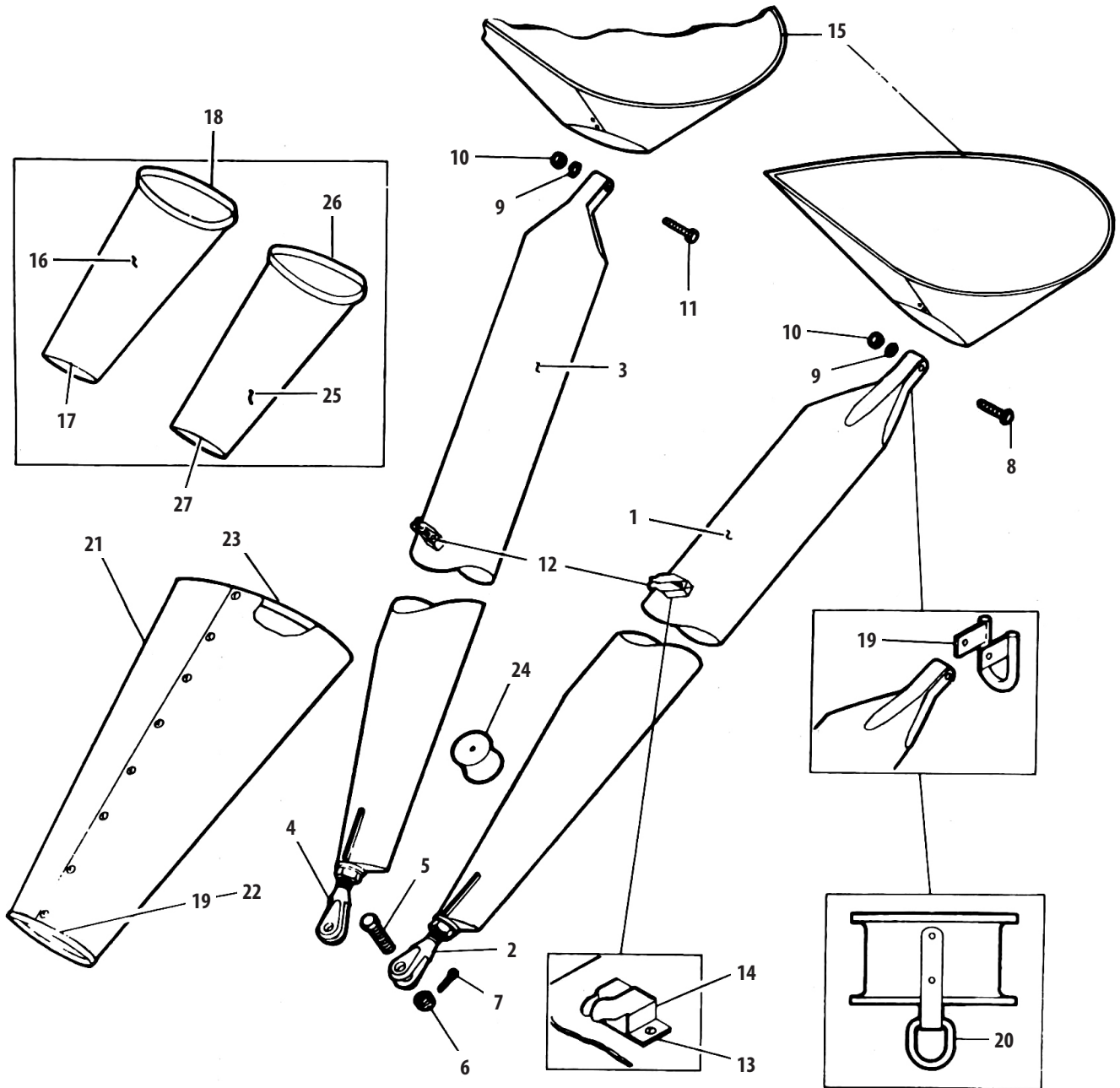


Figure 3. Lift Strut Installation

LIFT STRUT INSTALLATION

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
3-1	U85560-002		STRUT ASSEMBLY – Lift, front	2	
-2	U89201-003		FORK ASSEMBLY – Heavy duty, 5/8" diameter	1	
-3	U85559-002		STRUT ASSEMBLY – Lift, rear	2	
4	U89201-003		FORK ASSEMBLY – Heavy duty, 5/8" diameter	1	
5	U13241-000		BOLT – Lift strut attachment at fuselage	4	
6	AN320-6		NUT	4	
7	MS24665-283		PIN – Cotter	4	
8	AN5-16A		BOLT	2	
9	NAS1149F0563P		WASHER	4	
10	MS21044N5		STOP NUT – Elastic	4	
11	AN5-14A		BOLT	2	
12	U52745-000	C	CATCH – Door	2	22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	U52745-000		CATCH – Door, on strut	2	22-2378, 22-2425 and up
13	85662-28		STRIP – Leather, strut door catch installation	2	
14	13347-00		SPACER – Strut door catch installation	1	22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
15	U19795-000		EXTRUSION – Rubber	26'	
16	U12974-000	D	CUFF – Strut, upper rear, LH	1	
	U12974-001	D	CUFF – Strut, upper rear, RH	1	
17	U19795-000	D	MOULDING – Rubber	1.5'	
18	-189-125	D	CORK AND NEOPRENE RIBBON – No. DK 153	1'	
19	U12345-004	D	RING ASSEMBLY – Tie down (at upper end of left strut)	2	
20	-12596-000		RING ASSEMBLY – Tie down (at wing spar)	2	22-1 to 22-806 inclusive
21	U12969-000	D	FAIRING – Strut, lower, LH	1	
	U12969-001	D	FAIRING – Strut, lower, RH	1	
22	U19795-000	D	MOULDING – Rubber	1'	
23	-189-125	D	CORK AND NEOPRENE RIBBON – No. DK 153	2'	
24	U30831-002	D	BLOCK – Rubber, lower fairing installation	2	
25	U12973-004	A	CUFF – Strut, upper front, LH	1	22-354 and up
	U12973-003	A	CUFF – Strut, upper front, RH	1	22-354 and up
	U12973-000	B	CUFF – Strut, upper front, LH	1	
	-12973-001	B	CUFF – Strut, upper front, RH	1	
26	U19795-000		MOULDING – Rubber	1.5'	
27	-189-125		CORK AND NEOPRENE RIBBON – No. DK 153	1'	

A – Used when tie down rings installed at upper end of lift strut.
B – Used when tie down rings installed on wing spar and also when no tie down rings are installed.
C – Also used on PA-22-108.
D – Optional equipment on PA-22-108.

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
4-1	12475-00		AILERON ASSEMBLY – Covered, LH	1	
	12475-01		AILERON ASSEMBLY – Covered, RH	1	
-2	U12468-000		AILERON ASSEMBLY – Uncovered, LH	1	
	U12468-001		AILERON ASSEMBLY – Uncovered, RH	1	
-3	U41881-000		HINGE – Outboard	1	
-4	U12454-000		HORN ASSEMBLY	1	
-4a	U42933-003		EDGE ASSEMBLY – Aileron, outboard trailing	1	
-5	U80122-053		GROMMET – Drain	6	
-6	MS20392-3C41		PIN – (AN394-41)	4	
-7	U80122-086		WASHER	8	
-8	AN380-2-2		PIN – Cotter	4	

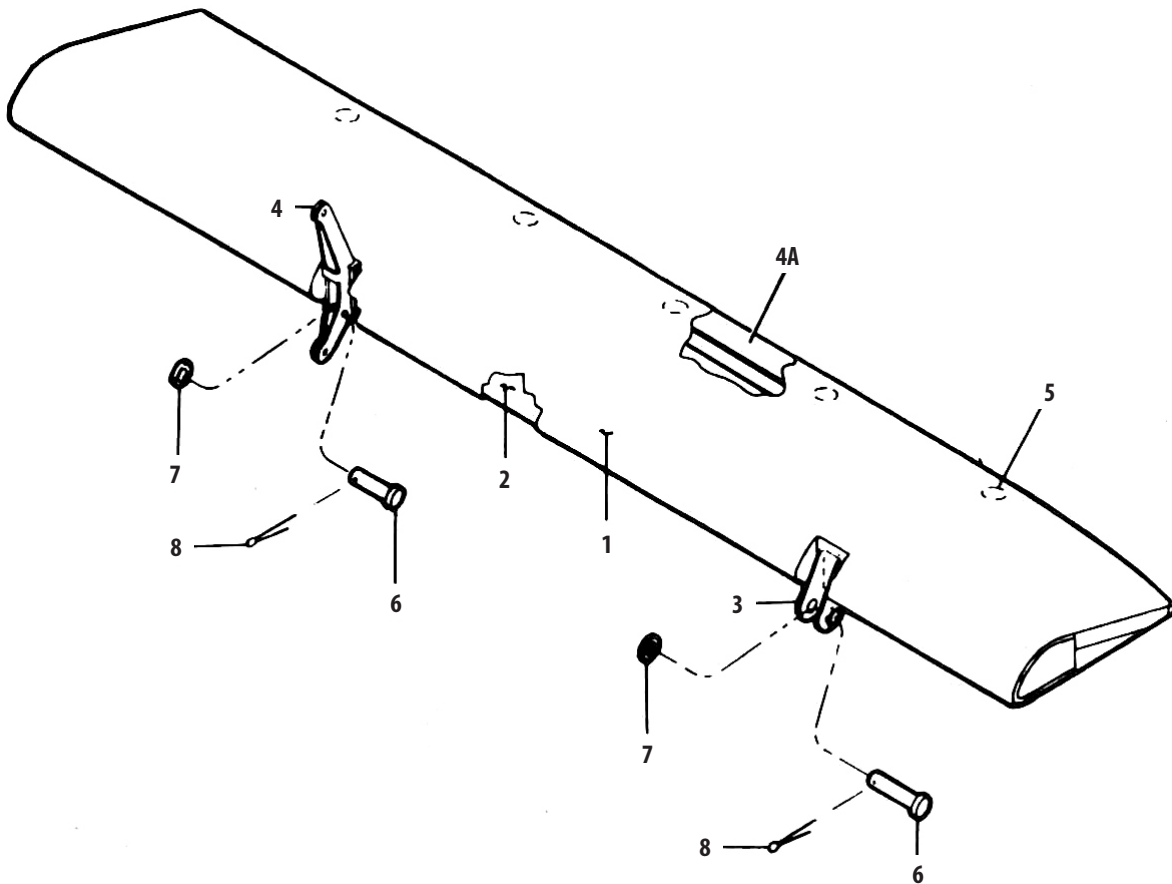


Figure 4. Aileron Installation

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
5-1	12484-00		FLAP ASSEMBLY – Covered, LH	1	
	12484-01		FLAP ASSEMBLY – Covered, RH	1	
-2	U12469-000		FLAP ASSEMBLY – Uncovered, LH	1	
	U12469-001		FLAP ASSEMBLY – Uncovered, RH	1	
-3	U41881-002		HINGE – Outboard	1	
-4	U11682-000		HINGE – Inboard	1	
-5	U80122-053		GROMMET – Drain	6	
-6	MS20392-3C41		PIN	4	
-7	U85012-010		WASHER	4	
-8	AN380-2-2		PIN	4	
-9	NAS1149F0463P		WASHER	4	
-10	AN3-12A		BOLT	2	
-11	NAS1149F0363P		WASHER	2	
-12	MS21044N3		STOP NUT – Elastic, No. 22M02	2	
-13	U80122-086		WASHER	4	

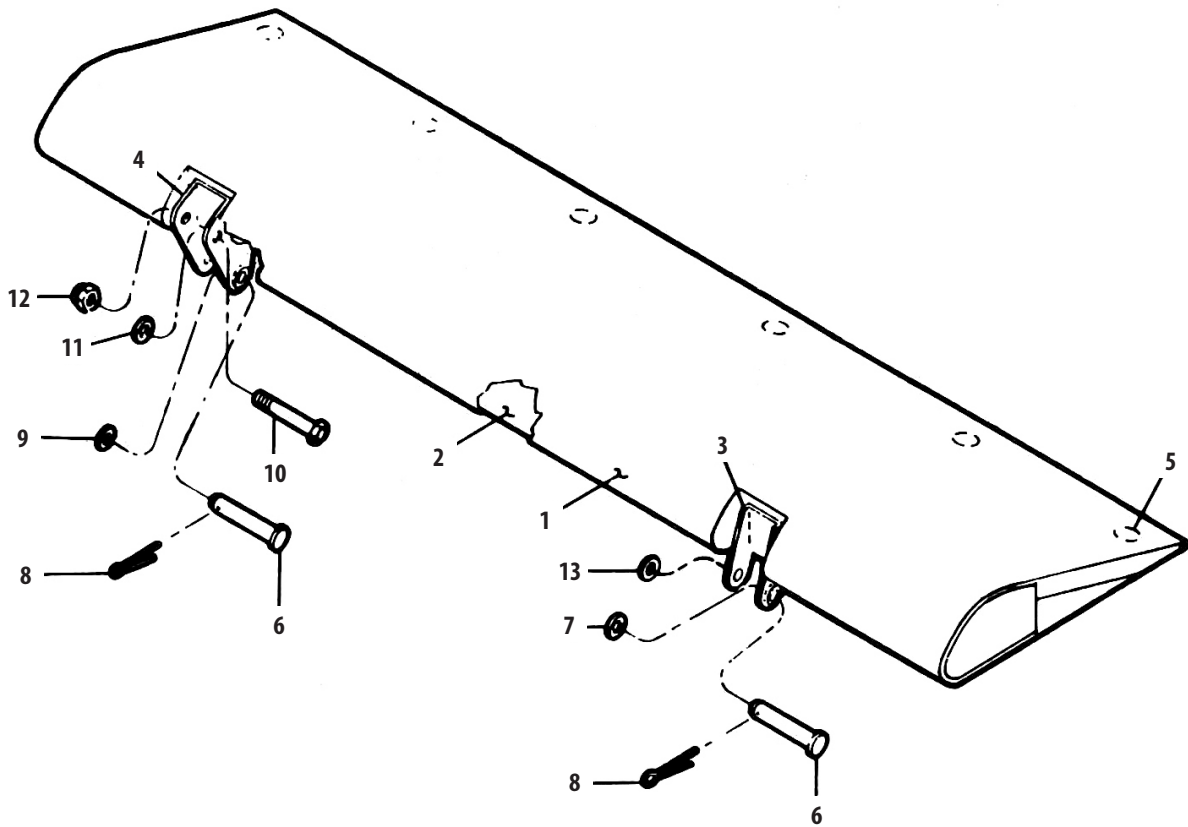


Figure 5. Flap Installation

PA-22 TRI-PACER PARTS CATALOG

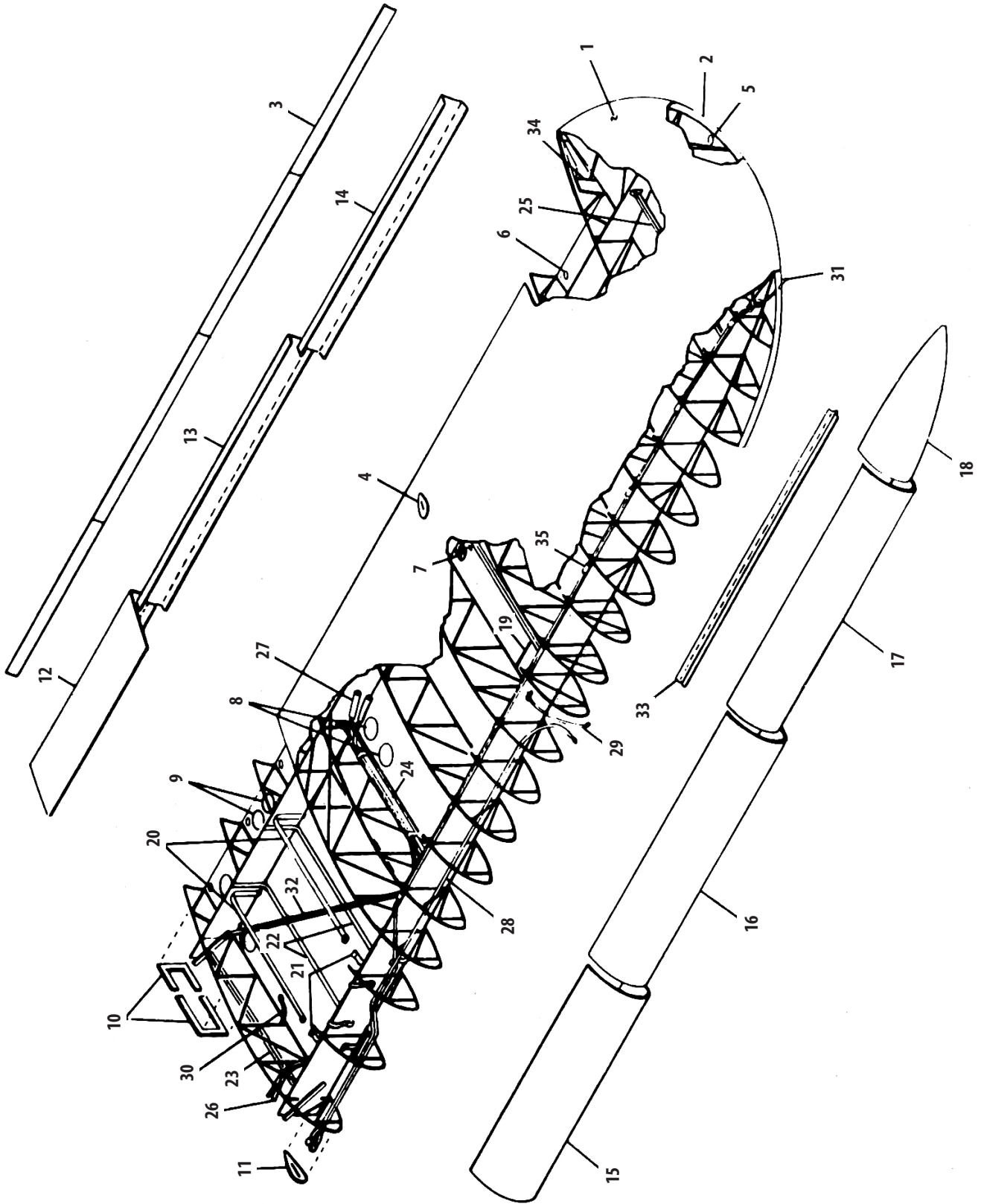


Figure 6. Wing Panel Assembly

WING PANEL ASSEMBLY

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED	
6-	12487		DRAWING – Wing Panel Assembly, Covered, Less Flap, Aileron and Fuel Tank		22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive	
	-12483DWG		DRAWING – Wing Panel Assembly, Uncovered		22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive	
	-14413DWG		DRAWING – Wing Panel Assembly, Covered, Less Flap, Aileron and Fuel Tank		22-2378, 22-2425 to 22-7642	
	-14407DWG		DRAWING – Wing Panel Assembly, Uncovered		22-2378, 22-2425 to 22-7642	
	15138	A	DRAWING – Wing Panel Assembly, Covered, Less Fuel Tank and Aileron			
-1	-15094DWG	A	DRAWING – Wing Panel Assembly, Uncovered			
	12487-00		PANEL ASSEMBLY – Wing, covered, less aileron, flap and tank, LH	1	22-1 to 22-533 inclusive	
	12487-04		PANEL ASSEMBLY – Wing, covered, less aileron, flap and tank, LH	1	22-534 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive	
	12487-01		PANEL ASSEMBLY – Wing, covered, less aileron, flap and tank, “125” and “135”, RH	1	22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive	
	14413-00	C	PANEL ASSEMBLY – Left wing, covered, less aileron, flap and fuel tank	1	22-2378, 22-2425 and up	
	14413-01	C	PANEL ASSEMBLY – Right wing, covered, less aileron, flap and fuel tank	1	22-2378, 22-2425 and up	
	15138-00	A	PANEL ASSEMBLY – Left wing, covered, less fuel tank and aileron	1		
	15138-01	A	PANEL ASSEMBLY – Right wing, covered, less aileron	1		
	15138-03	AB	PANEL ASSEMBLY – Right wing, covered, less fuel tank and aileron	1		
	-2	-12483-000UR		PANEL ASSEMBLY – Wing, uncovered, LH	1	22-1 to 22-533 inclusive
		-12483-002UR		PANEL ASSEMBLY – Wing, uncovered, LH	1	22-534 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
		-12483-001UR		PANEL ASSEMBLY – Wing, uncovered, RH	1	22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
		-14407-000UR	C	PANEL ASSEMBLY – Wing, left, uncovered	1	22-2378, 22-2425 and up
-14407-001UR		C	PANEL ASSEMBLY – Wing, right, uncovered	1	22-2378, 22-2425 and up	
-15094-000UR		A	PANEL ASSEMBLY – Wing, uncovered, LH	1		
-15094-001UR		A	PANEL ASSEMBLY – Wing, uncovered, RH	1		
-15094-003UR		AB	PANEL ASSEMBLY – Wing, uncovered, RH	1		
-3	-11473-047		PLATE – Reinforcement, aluminum, aileron false spar	8	22-807 and up	
-4	U60863-003		GROMMET – Reinforcing, leather (aileron cable)	4		
-5	-81232-015		DISC – Pyralin (at wing tip)	8		
	-81232-015	A	DISC – Pyralin (at wing tip)	4		

A – Used on PA-22-108.

B – Optional equipment for use with auxiliary fuel system on PA-22-108.

C – Not used on PA-22-108.

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
6-6	U80122-053		GROMMET – Drain	24	
	U80122-053	A	GROMMET – Drain	13	
-7	U15761-000		GROMMET – Reinforcing, pyralin (at lift strut)	4	
	U15761-000	A	GROMMET – Reinforcing, pyralin (at lift strut)	2	
-8	U85012-078		GROMMET – Round, inspection cover	AR	
-9	U85012-078		GROMMET – Round, inspection cover	4	
-10	U80541-002		GROMMET – Rectangular, inspection cover	AR	
-11	U85012-049		GROMMET – Reinforcing, leather (at wing butt leading edge)	2	
-12	U12463-000	C	SPAR – False, No. 1 (inboard) LH	1	
	U12463-001	C	SPAR – False, No. 1 (inboard) RH	1	
	12820-03	A	TRAILING EDGE ASSEMBLY	1	
-13	U12473-000	C	SPAR – False, No. 2 (center) LH	1	
	U12473-001	C	SPAR – False, No. 2 (center) RH	1	
	12822-02	A	SPAR – False, No. 2 (center) LH	1	
	12822-03	A	SPAR – False, No. 2 (center) RH	1	
-14	U15572-000		SPAR – False, No. 3 (outboard) LH	1	
	U15572-001		SPAR – False, No. 3 (outboard) RH	1	
-15	U10630-008		COVER – Leading edge (inboard) LH	1	
	U10630-005	BD	COVER – Leading edge (inboard) RH	1	
	-15137-000	A	COVER – Leading edge (inboard) RH	1	
-16	U15482-005		COVER – Leading edge (center) LH	1	22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	U15482-004		COVER – Leading edge (center) RH	1	22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	U14405-000		COVER – Leading edge (center) left	1	22-2378, 22-2425 and up
	U14405-001		COVER – Leading edge (center) right	1	22-2378, 22-2425 and up
-17	U13072-005		COVER – Leading edge (outboard)	2	
-18	U15723-000		COVER – Wing tip, leading edge, LH	1	
	U15723-001		COVER – Wing tip, leading edge, RH	1	
-19	U10531-002		PLATE – Fabric, former, at “N” brace, LH	1	22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	U10531-003		PLATE – Fabric, former, at “N” brace, RH	1	22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	14403-00		PLATE – Fabric, former front lift strut fitting, left	1	22-2378, 22-2425 and up
	14403-01		PLATE – Fabric, former front lift strut fitting, right	1	22-2378, 22-2425 and up
-20	U10649-003		STRAP – Fuel tank, rear, top, long	4	
-21	U10648-003		STRAP – Fuel tank, front, top, short	4	
-22	U10650-002		STRAP – Fuel tank (inboard and outboard) bottom	4	
-23	U14232-002		STRUT – Drag, No. 1	2	
-24	U14222-002		STRUT – Drag, No. 2	2	
-25	U14222-000		STRUT – Drag, No. 4	2	
-26	-13541-012		TUBE – Airspeed	2	
-27	-83161-002		HOSE – Airspeed, rubber	2	
-28	12177-38	C	WIRE ASSEMBLY – Safe flight indicator, RH	1	
-29	10128-71	C	WIRE ASSEMBLY – Safe flight indicator, ground, RH	1	

A – Used on PA-22-108.
 B – Used when auxiliary fuel system is installed on PA-22-108.
 C – Nut used on PA-22-108.
 D – Standard equipment on PA-22.

WING PANEL ASSEMBLY

SECTION I
Wing Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
6-30	12177-84		WIRE ASSEMBLY – Fuel gauge, ground, left	1	22-1 to 22-7642 inclusive
	12177-84	A	WIRE ASSEMBLY – Fuel gauge, ground, left	1	22-8000 to 22-9704 inclusive
	14230-83	A	WIRE ASSEMBLY – Fuel gauge, ground, left	1	22-9705 and up
	10128-86	B	WIRE ASSEMBLY – Fuel gauge, ground, right	1	22-8000 to 22-9704 inclusive
	14230-82	B	WIRE ASSEMBLY – Fuel gauge, ground, right	1	22-9705 and up
-31	12177-13		WIRE ASSEMBLY – Navigation light, LH	1	
	12177-12		WIRE ASSEMBLY – Navigation light, RH	1	
-32	U10641-002		TUBE – Drag brace, at fuel tank	2	
-33	U15742-002		REINFORCEMENT – Wing leading edge, outboard	2	22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	-14406-000		REINFORCEMENT – Outboard wing leading edge	2	22-2378, 22-2425 and up
-34	U13171-000		GUSSET – False spar attachment at outboard aileron rib	2	
-35	U11061-000		CLIP – Navigation light wire	16	
			A – Used on PA-22-108.		
			B – Used when auxiliary fuel system is installed on PA-22-108.		

PA-22 TRI-PACER PARTS CATALOG

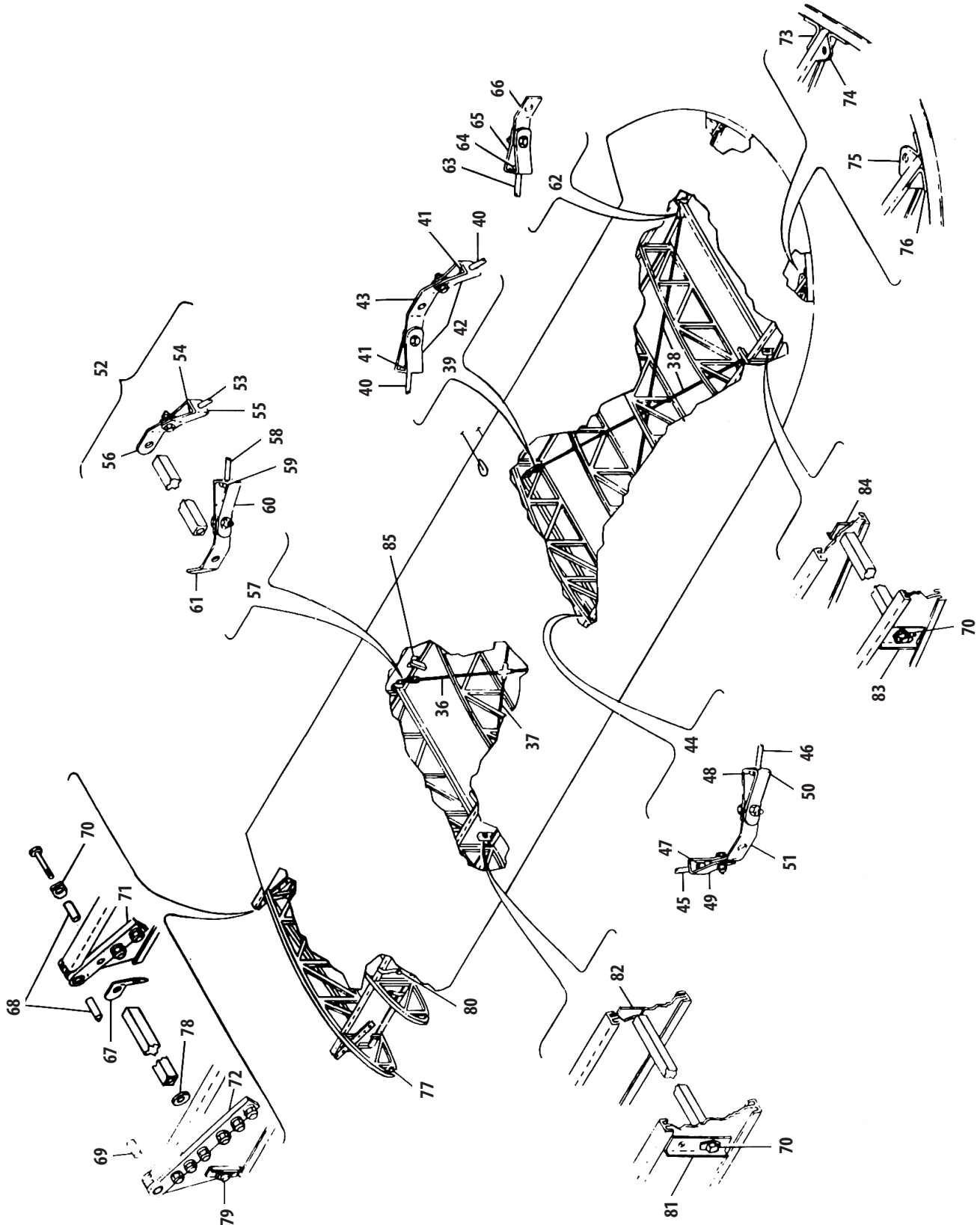


Figure 7. Wing Panel Assembly

WING PANEL ASSEMBLY

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
7-36	U14941-011		WIRE ASSEMBLY – Drag, No. 2 bay, 44-7/8 inch, rear spar to “N” brace	2	
-37	U14941-006		WIRE ASSEMBLY – Drag, No. 2 bay, 44-7/8 inch, front spar to “N” brace	2	
-38	U14941-007		WIRE ASSEMBLY – Drag, No. 3 bay, 56-1/4 inch	4	
-39	10707-00		FITTING ASSEMBLY – Drag wire pull, “N” drag brace, No. 3 (at rear spar)	2	
-40	U10201-000		NIPPLE	2	
-41	U81102-003		WASHER	2	
-42	U10221-000		CLEVIS	2	
-43	U10161-005		FITTING – Wire pull	1	
-44	-11936-000		FITTING ASSEMBLY – Drag wire pull, “N” drag brace, No. 3 (at front spar)	2	
-45	U10211-000		NIPPLE – No. 10-32 tie rod	1	
-46	U10201-000		NIPPLE – No. 6-40 tie rod	1	
-47	U11933-000		WASHER – No. 10-32 tie rod	1	
-48	U81102-003		WASHER – No. 6-40 tie rod	1	
-49	U10231-000		CLEVIS – No. 10-32 tie rod	1	
-50	U10221-000		CLEVIS – No. 6-40 tie rod	1	
-51	U10161-005		FITTING – Wire pull	1	
-52	11935-00		FITTING ASSEMBLY – Drag wire pull, No. 2 drag strut (at rear spar)	2	
-53	U10211-000		NIPPLE	1	
-54	U11933-000		WASHER	1	
-55	U10231-000		CLEVIS	1	
-56	U10171-004		FITTING – Wire pull	1	
-57	10711-00		FITTING ASSEMBLY – Drag wire pull, No. 2 drag strut (at front spar)	2	
-58	U10201-000		NIPPLE	1	
-59	U81102-003		WASHER – Square	1	
-60	U10221-000		CLEVIS	1	
-61	U10161-004		FITTING – Wire pull	1	
-62	10709-00		FITTING ASSEMBLY – Drag wire pull, No. 4 drag strut, front and rear spar	4	
-63	U10201-000		NIPPLE	1	
-64	U81102-003		WASHER – Square	1	
-65	U10221-000		CLEVIS	1	
-66	U10171-003		FITTING – Wire pull	1	
-67	U10171-004		FITTING – Drag brace tube attachment, at No. 1 drag strut	2	
-68	-80022-031		BUSHING – Rear spar butt hinge and No. 1 drag strut at rear spar	4	
-69	-80022-031		BUSHING – Front spar butt hinge	2	
-70	U10151-000		PLATE – Lock, No. 4 drag strut (4 per ship) No. 2 drag strut (4 per ship) No. 3 drag strut (8 per ship) No. 1 drag strut (4 per ship)		
-71	U14161-000		FITTING – Hinge, rear spar butt	4	
-72	U10401-000		FITTING – Hinge, front spar butt	4	
-73	U16611-000		FITTING – Wing tip bow, rear spar, rear	2	
-74	U16601-000		FITTING – Wing tip bow, rear spar, front	2	
-75	U16551-000		FITTING – Wing tip bow, front spar, rear	2	
-76	U16561-000		FITTING – Wing tip bow, front spar, front	2	

WING PANEL ASSEMBLY

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
7-77	U12331-002		PLATE – Butt rib, No. 1 rib, leading edge attachment	2	
-78	-80122-025		WASHER – No. 1 drag strut installation	2	
-79	U14401-006		ANGLE – Front spar, No. 1 drag strut	2	
-80	U80122-011		WASHER – Fuel tank strap installation	16	
-81	U14401-003		ANGLE – Front spar, No. 2 drag strut	2	
-82	U14411-002		ANGLE – Rear spar, No. 2 drag strut	2	
-83	U14401-005		ANGLE – Front spar, No. 4 drag strut	2	
-84	U14411-004		ANGLE – Rear spar, No. 4 drag strut	2	
-85	U11580-000		BRACKET – Airspeed, LH	1	

PA-22 TRI-PACER PARTS CATALOG

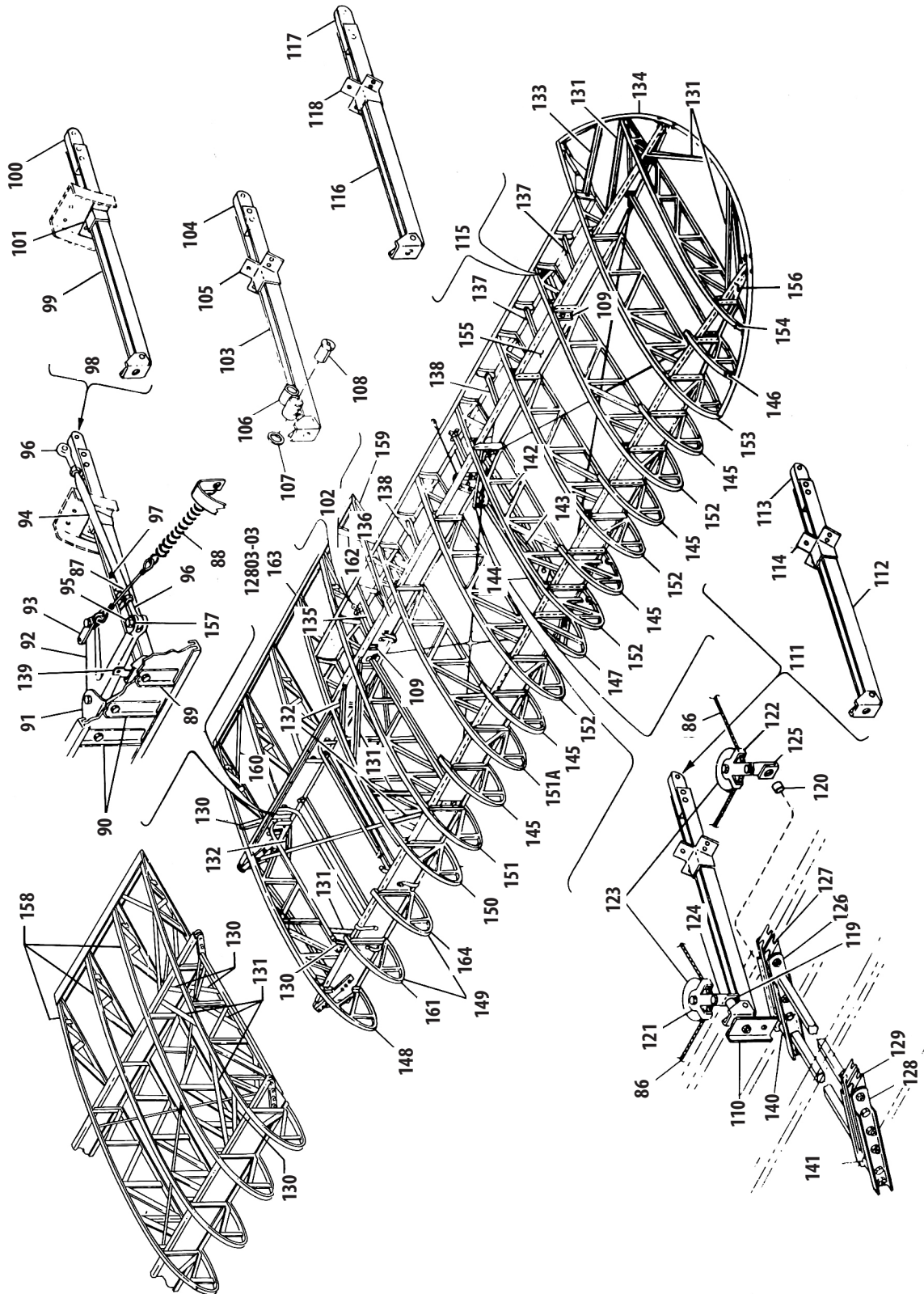


Figure 8. Wing Panel Assembly

WING PANEL ASSEMBLY

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
8-86	U11527-002		CABLE ASSEMBLY – Aileron	4	
-87	U14384-000	A	CABLE ASSEMBLY – Flap return	2	22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
-88	U10940-000	A	SPRING	2	22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	U14384-000	A	SPRING – Flap return	2	22-2378, 22-2425 to 22-7642
-89	U11675-003	A	ANGLE – Rear spar, No. 1 flap hinge bracket	2	
-90	U11675-002	A	ANGLE – Rear spar, flap bellcrank bracket	4	
-91	U11672-000	A	BRACKET – Flap bellcrank attachment	2	
-92	U40092-010	A	BELLCRANK – Flap, LH	1	
	U40092-009	A	BELLCRANK – Flap, RH	1	
-93	U81262-014	A	LINK – Flap cable attachment, at bellcrank	4	
-94	U11677-000	A	ROD – Flap, control push pull	2	
-95	-12713-004		SCREW – Flap, push pull rod to bellcrank	2	22-1 to 22-806 inclusive
	MS24694563	A	SCREW – Attaching, flap push pull rod to bellcrank	2	22-807 to 22-7642 inclusive
-96	U452-335	A	BEARING – Flap push pull rod end	4	
-97	90150-02	A	STRIP – Rub, flap cable	2	
-98	U12474-002	A	BRACKET – Flap hinge, No. 1, inboard	2	
-99	U10912-006	A	BRACKET – Hinge	1	
-100	U10921-000	A	BLOCK – Bearing	1	
-101	U12476-000	A	CLAMP – Attachment, at false spar	1	
-102	U12474-000	A	BRACKET – Flap hinge, No. 2, outboard	2	
-103	U10912-006	A	BRACKET – Hinge	1	
-104	U10921-000	A	BLOCK – Bearing	1	
-105	U12056-002	A	CLAMP – Attachment, at false spar	1	
-106	U12467-000	A	GUIDE – Aileron cable	1	
-107	U40081-000		RING – Fairlead snap	4	
-108	U40701-000		FAIRLEAD – Aileron cable, split and safety, less ring	8	
-109	U10291-000		ANGLE – Rear spar at No. 2 flap and aileron hinge bracket	4	
-110	U14401-007		ANGLE – Rear spar, at aileron pulley bracket	2	
-111	U10703-002		BRACKET ASSEMBLY – Aileron hinge, No. 1 inboard	2	
-112	U10912-008		BRACKET – Hinge	1	
-113	U10921-000		BLOCK – Bearing	1	
-114	U12056-002		CLAMP – Attachment, at false spar	1	
-115	U10703-000		BRACKET ASSEMBLY – Aileron hinge, No. 2 outboard	2	
-116	U10912-006		BRACKET – Hinge	1	
-117	U10921-000		BLOCK – Bearing	1	
-118	U12056-002		CLAMP – Attachment, at false spar	1	
-119	-86102-054		BUSHING – Upper aileron pulley housing	2	
-120	U86102-062	A	BUSHING – Spacer, lower aileron pulley housing attachment fitting	2	
-121	U41291-000		HOUSING ASSEMBLY – Aileron pulley, upper	2	
-122	-12462-000		HOUSING ASSEMBLY – Aileron pulley, lower	2	
-123	U40991-000		PULLEY – Aileron cable	4	
-124	U14261-002		FITTING – Upper aileron pulley housing attachment	2	
-125	U12466-000		FITTING – Lower aileron pulley housing attachment, LH	1	
	U12466-001		FITTING – Lower aileron pulley housing attachment, RH	1	
-126	U11755-003		FITTING – Lift strut, rear spar	4	
-127	U11757-002		BLOCK – Filler, lift strut fitting, rear spar	4	
-128	U11755-000		FITTING – Lift strut, front spar	4	
			A – Not used on PA-22-108.		

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
8-129	U11757-000		BLOCK – Filler, left strut fitting, front spar	4	
-130	U12252-002		BRACE – Channel, at No. 1 rib, 8-1/2 inch	4	
-131	U12252-003		BRACE – Channel, 16”, No. 1, No. 4, No. 12 rib and bow to spar, tip end	16	22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	U12252-003		BRACE – Channel, 16”, #1, #4, #13 and bow to spar tip end	16	22-2378, 22-2425 and up
-132	U12252-006		BRACE – Channel, 6-1/4” No. 4 and No. 1 rib to spar	6	
-133	U12252-005		BRACE – Channel, 11”, No. 11 rib to bow	2	22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	U12252-005		BRACE – Channel, 11”, #12 rib to bow	2	22-2378, 22-2425 and up
-134	U453-126		BOW – Wing tip	2	
-135	12252-12		BRACE – Channel, top, false spar	2	
-136	12252-11		BRACE – Channel, false spar, bottom	2	
-137	U14541-000	AB	BRACE ASSEMBLY – Aileron false spar, No. 3 and No. 4 (#3, #4 and #5 on “150” and “160”) (#6 on “108”)	4	
-138	U14541-002	B	BRACE ASSEMBLY – Aileron false spar, No. 1 and No. 2	4	
-139	U11678-000	C	PLATE – Flap bellcrank stop	2	
-140	U15631-003		SPACER – Lift strut fitting, rear spar	2	
-141	U15631-002		SPACER – Lift strut fitting, front spar	2	
-142	U16472-000		TUBE – Brace, lower “N” (at strut point)	2	
-143	U11771-000		TUBE – Brace, diagonal “N” (at strut point)	2	
-144	U16462-000		TUBE – Brace, upper “N” (at strut point)	2	
-145	U1200-02	AB	RIB ASSEMBLY – Nose (#14 on “150”, “160” and “108”)	10	
-146	U1216-00		RIB ASSEMBLY – Wing tip, nose, LH	1	
	U1216-01		RIB ASSEMBLY – Wing tip, nose, RH	1	
-147	U1200-05		RIB ASSEMBLY – Nose, special, at strut fitting	2	
	U1200-05		RIB ASSEMBLY – Nose, special, at strut fitting, “150”, “160” and “108”	2	
-148	U1225-00	C	RIB ASSEMBLY – No. 1, butt, LH	1	
	U1225-01	C	RIB ASSEMBLY – No. 1, butt, RH	1	
	-10634-002	B	RIB ASSEMBLY – No. 1, butt, LH	1	
	U1229-01	BD	RIB ASSEMBLY – No. 1, butt, RH	1	
	U1227-03	B	RIB ASSEMBLY – No. 1, butt, RH	1	
-149	U1226-00	C	RIB ASSEMBLY – No. 2 and No. 3, LH and RH	4	
-150	U1225-02	C	RIB ASSEMBLY – No. 4, LH	1	
	U1225-03	C	RIB ASSEMBLY – No. 4, RH	1	
	U1229-02	B	RIB ASSEMBLY – No. 4, LH	1	
	U1229-03	D	RIB ASSEMBLY – No. 4, RH	1	
-151	U1207-00	C	RIB ASSEMBLY – No. 5, LH and RH	2	
	U1218-00	B	RIB ASSEMBLY – No. 5, LH and RH	2	
-151a	U1207-00		RIB ASSEMBLY – No. 6, LH and RH	2	
-152	U1207-00	A	RIB ASSEMBLY – No. 7, No. 8, No. 9 and No. 10, LH and RH (#7, #8, #9, #10 and #11 on “150”, “160” and “108”)	8	

A – “150” wing panels used on PA-22 airplanes with serial numbers 22-2600 and 22-2601.
 B – Used on PA-22-108 only.
 C – Not used on PA-22-108.
 D – Used when auxiliary fuel system is installed on PA-22-108.

WING PANEL ASSEMBLY

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
8-153	U1206-00	A	RIB ASSEMBLY – No. 11, aileron outboard, LH (#12 on “150”, “160” and “108”)	1	
	U1206-01	A	RIB ASSEMBLY – No. 11, aileron outboard, RH (#12 on “150”, “160” and “108”)	1	
-154	U1202-00	A	RIB ASSEMBLY – No. 12, tip, LH (#13 on “150”, “160” and “108”)	1	
	U1202-01	A	RIB ASSEMBLY – No. 12, tip, RH (#13 on “150”, “160” and “108”)	1	
-155	U11754-007		SPAR ASSEMBLY – Wing, rear, LH	1	22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	U11754-008		SPAR ASSEMBLY – Wing, rear, RH	1	22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	U14399-002		SPAR ASSEMBLY – Wing, rear, left	1	22-2378, 22-2425 to 22-7642 inclusive
	U14399-003		SPAR ASSEMBLY – Wing, rear, right	1	22-2378, 22-2425 to 22-7642 inclusive
	U14399-006		SPAR ASSEMBLY – Wing, rear, left	1	22-8000 and up
	U14399-007		SPAR ASSEMBLY – Wing, rear, right	1	22-8000 and up
-156	U11753-002		SPAR ASSEMBLY – Wing, front, LH	1	22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	U11753-007		SPAR ASSEMBLY – Wing, front, RH	1	22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	U14398-002		SPAR ASSEMBLY – Wing, front, left	1	22-2378, 22-2425 and up
	U14398-003		SPAR ASSEMBLY – Wing, front, right	1	22-2378, 22-2425 and up
-157	-80122-007	B	WASHER – Flap push pull rod attachment, at bellcrank	4	
-158	U1228-05	DE	RIB ASSEMBLY – No. 2, No. 3, No. 4, right wing only	3	
-159	15131-00	E	RIB ASSEMBLY – Aileron, inboard, left	1	
	15131-01	E	RIB ASSEMBLY – Aileron, inboard, right	1	
-160	U12252-008	E	CHANNEL – Brace	1	
-161	U1224-00	CE	RIB ASSEMBLY	1	
-162	12252-13	E	CHANNEL – Brace	1	
-163	12820-03	E	TRAILING EDGE ASSEMBLY	1	
-164	U1224-00	CE	RIB ASSEMBLY	1	
<p>A – “150” wing panels used on PA-22 airplanes with serial numbers 22-2600 and 22-2601. B – Not used on PA-22-108. C – Used when auxiliary fuel system is installed on PA-22-108. D – Used when auxiliary fuel system is not installed. E – Used on PA-22-108 only.</p>					

PA-22 TRI-PACER PARTS CATALOG

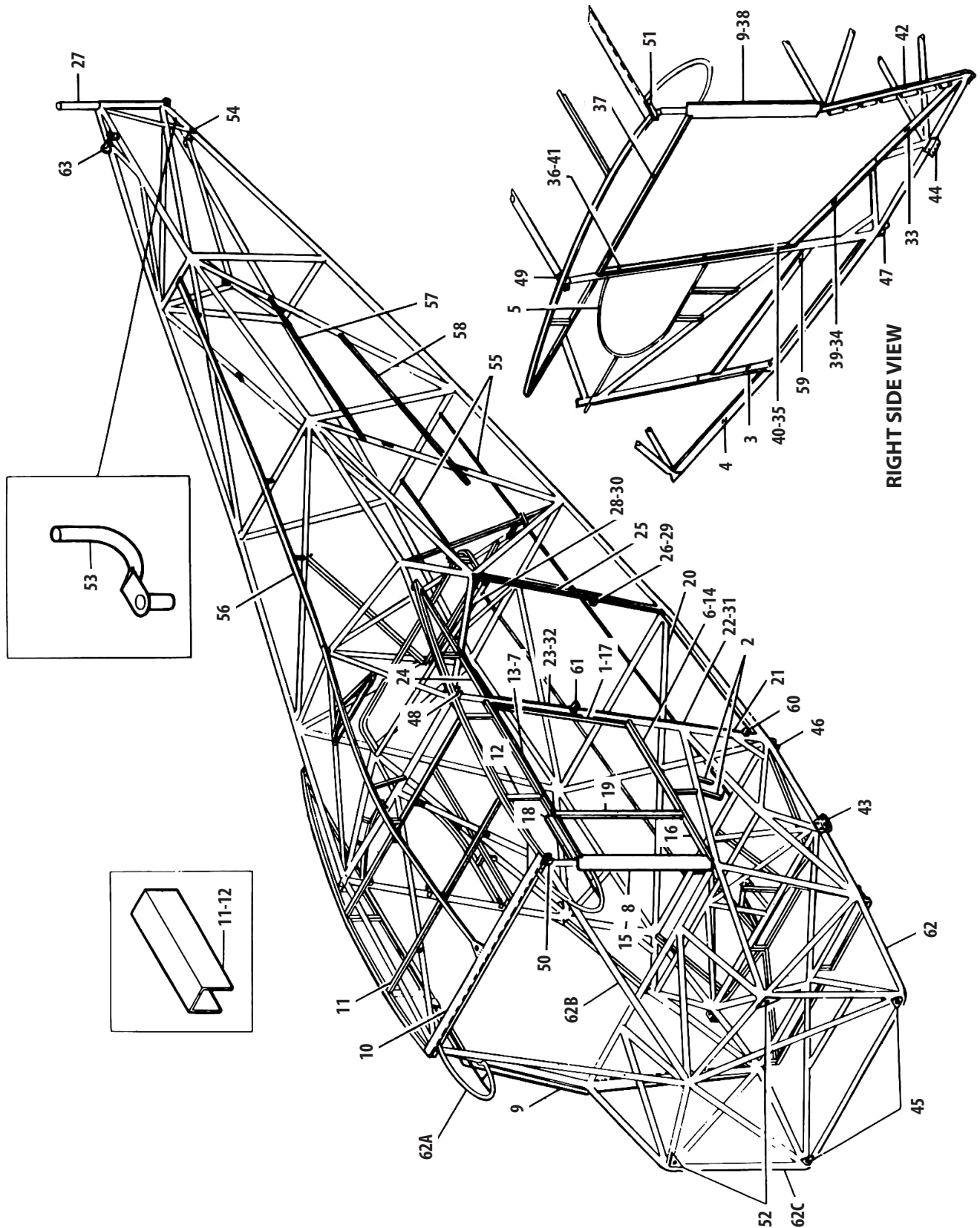


Figure 9. Fuselage Frame Assembly

FUSELAGE FRAME ASSEMBLY

SECTION II
Fuselage Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
9-	-13049DWG -13808DWG		DRAWING – Fuselage Frame, Complete DRAWING – Fuselage Frame, Complete		22-1 to 22-806 inclusive 22-807 to 22-2599 inclusive, 22-2602 to 22-3217 inclusive, and 22-3219 to 22-3386 inclusive
	13050 -13869DWG		DRAWING – Frame, Fuselage Fitting Installation DRAWING – Frame, Fuselage Fitting Installation		22-1 to 22-806 inclusive 22-807 to 22-2599 inclusive, 22-2602 to 22-3217 inclusive, and 22-3219 to 22-3386 inclusive
	14609		DRAWING – Fuselage Frame, Complete		22-3218, 22-3387 to 22-7642 inclusive
	14610		DRAWING – Frame, Fuselage Fitting Installation		22-3218, 22-3387 to 22-7642 inclusive
	15116		DRAWING – Frame Assembly, Fuselage		22-8000 and up
	15110		DRAWING – Fuselage Fittings Installation		22-8000 and up
-1	12027-00		ANGLE – Sliding window, rear, LH	1	22-1 to 22-806 inclusive
-2	12766-00		BRACKET ASSEMBLY – Armrest	2	
-3	13829-00		CHANNEL – Baggage compartment, door, frame, front	1	22-807 to 22-7642 inclusive
-4	13831-00		CHANNEL – Baggage compartment, door, bottom	1	22-807 to 22-7642 inclusive
-5	U11856-000		CHANNEL – Rear window, RH	1	22-1 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive
	-14617-000		CHANNEL ASSEMBLY – Right rear window	1	22-3218, 22-3387 to 22-7642 inclusive
-6	U11546-000		CHANNEL – Sliding window, bottom, LH	1	22-1 to 22-806 inclusive
-7	12329-00		CHANNEL – Sliding window, top, LH	1	22-1 to 22-806 inclusive
-8	11548-03		CHANNEL – Windshield, LH	1	22-1 to 22-806 inclusive
-9	11543-03		CHANNEL – Windshield, RH	1	
-10	U11536-000		CHANNEL – Windshield, top	1	22-1 to 22-7642 inclusive
	15130-00		CHANNEL – Windshield, top	1	22-8000 and up
-11	U750-285		CHANNEL – “U”, steel (3/8 x .020) 6’ pieces		22-1 to 22-7642 inclusive
-12	X141472 U750-285		CHANNEL – “U”, steel (1/4 x .016) 6’ pieces CHANNEL – “U”, steel (3/8 x .020) 6’ pieces		22-8000 and up
-13	13807-00		CHANNEL – Fuselage window, top, rear, LH	1	22-807 and up
-14	13809-00		CHANNEL – Fuselage window, bottom, LH	1	22-807 and up
-15	13859-00		CHANNEL – Fuselage window (also left windshield channel), LH	1	22-807 and up
-16	-13858-000		CHANNEL – Fuselage window, bottom, front, LH	1	22-807 and up
-17	13930-00		CHANNEL – Fuselage window, rear, LH	1	22-807 and up
-18	13861-00		CHANNEL – Fuselage window, top, front, LH	1	22-807 and up
-19	-13863-000		CHANNEL – Fuselage window, front, LH	1	22-807 and up
-20	11871-00		ANGLE – Bottom	1	22-1 to 22-7642 inclusive
-21	11868-00		CHANNEL – Side, front, lower	1	22-1 to 22-7642 inclusive
-22	11869-00		CHANNEL – Side, front, center	1	22-1 to 22-806 inclusive
-23	11870-00		CHANNEL – Side, front, upper	1	22-1 to 22-806 inclusive
-24	13096-00		CHANNEL – Top, front	1	22-1 to 22-7642 inclusive
	22762-96		CHANNEL – Top, front	1	22-8000 and up
-25	11867-02		ANGLE – Side, rear, upper	1	22-1 to 22-806 inclusive
-26	11867-00		ANGLE – Side, rear, lower	2	22-1 to 22-806 inclusive, 22-8000 and up
-27	U22412-000		TAIL POST ASSEMBLY	1	
-28	12205-07		CHANNEL – Top, rear	1	22-1 to 22-806 inclusive
-29	13857-00		CHANNEL – Side, rear	1	22-807 to 22-3217 inclusive, and 22-3219 to 22-3386 inclusive
	13857-02		CHANNEL – Side, rear, bottom door frame, LH	1	22-3218, 22-3387 to 22-7642 inclusive

FUSELAGE FRAME ASSEMBLY

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
9-30	13856-00		CHANNEL – Rear, top	1	22-807 to 22-7642 inclusive
-31	13816-00		CHANNEL – Side, front, center	1	22-807 to 22-7642 inclusive, 22-8000 to 22-9000 inclusive
	13816-02		CHANNEL – Side, front, center	1	22-9001 and up
-32	13817-00		CHANNEL – Side, front, upper	1	22-807 to 22-7642 inclusive, 22-8000 to 22-9000 inclusive
	13817-02		CHANNEL – Side, front, upper	1	22-9001 and up
-33	11538-00		CHANNEL – Bottom, front	1	22-1 to 22-806 inclusive
-34	11575-00		CHANNEL – Bottom, rear	1	22-1 to 22-806 inclusive
-35	12026-00		CHANNEL – Side, rear, lower	1	22-1 to 22-806 inclusive
-36	12025-00		CHANNEL – Side, rear, upper	1	22-1 to 22-806 inclusive
-37	-11537-000		CHANNEL – Top	1	
-38	11543-02		CHANNEL – Side, front, upper (also windshield channel)	1	22-1 to 22-3217 inclusive, 22-3219 to 22-3386 inclusive
	11543-03		CHANNEL – Side, front, upper (also windshield channel)	1	22-3218, 22-3387 and up
-39	13818-00		CHANNEL – Bottom	1	22-807 and up
-40	13820-00		CHANNEL – Side, rear, lower	1	22-807 to 22-3217 inclusive, and 22-3219 to 22-3386 inclusive
	13820-02		CHANNEL – Side, rear, lower, door frame, LH	1	22-3218, 22-3387 and up
-41	13819-00		CHANNEL – Side, rear, upper	1	22-807 and up
-42	11542-00		HINGE – Door, RH	1	22-807 to 22-3217 inclusive, and
-43	U21262-004		FITTING ASSEMBLY – Fuselage, landing gear and lift strut, LH	1	22-3219 to 22-3386 inclusive
-44	U21262-005		FITTING ASSEMBLY – Fuselage, landing gear and lift strut, RH	1	22-3218, 22-3387 and up
-45	-20301-000		FITTING ASSEMBLY – Fuselage, lower engine mount	1	22-807 and up
-46	13047-00		FITTING ASSEMBLY – Fuselage, landing gear, rear, LH	1	
-47	13047-01		FITTING ASSEMBLY – Fuselage, landing gear, rear, RH	1	
-48	U11821-000		FITTING – Fuselage, rear wing hinge, LH	1	
-49	U11821-001		FITTING – Fuselage, rear wing hinge, RH	1	
-50	11823-00		FITTING – Fuselage, front wing hinge, LH	1	
-51	11823-01		FITTING – Fuselage, front wing hinge, RH	1	
-52	-20291-000		FITTING ASSEMBLY – Fuselage, upper engine mount	2	
-53	13147-00		FITTING – Fuselage, tail skid assembly	1	
	13147-03		TAIL SKID ASSEMBLY – (Used when marker beacon antenna is installed on 1956 Model)	1	22-3218, 22-3387 to 22-7642
	13147-00		FITTING – Fuselage, tail skid assembly	1	22-8000 and up
-54	U20631-000		FITTING – Fuselage, tail skid, front "U"	1	
-55	21621-26		STRINGER – Fuselage, bottom, 91-3/4 inch	1	22-1 to 22-806 inclusive
	14980-00		STRINGER – Fuselage, bottom	1	22-807 to 22-7642 inclusive
	15096-02		STRINGER – Fuselage, bottom, LH	1	22-8000 and up
	15096-03		STRINGER – Fuselage, bottom, RH	1	22-8000 and up
-56	21621-17		STRINGER – Fuselage, top center, 66-1/2 in,	1	22-1 to 22-806 inclusive
	13934-00		STRINGER – Fuselage, top center (Metal)	1	22-807 to 22-7642 inclusive
	14983-06		STRINGER – Fuselage, top center	1	22-8000 and up
-57	21621-19		STRINGER – Fuselage, side, 64 inch	1	22-1 to 22-806 inclusive
	14982-03		STRINGER – Fuselage, side, upper	1	22-807 to 22-7642 inclusive
-58	21621-20		STRINGER – Fuselage, side, lower 58 inch, LH	1	22-1 to 22-806 inclusive
	21621-21		STRINGER – Fuselage, side, lower 83 inch, RH	1	22-1 to 22-806 inclusive
	14982-02		STRINGER – Fuselage, side, lower, LH	1	22-807 to 22-7642 inclusive
	14982-04		STRINGER – Fuselage, side, lower, RH	1	22-807 to 22-7642 inclusive
	14982-05		STRINGER – Fuselage, center, both sides	1	22-8000 and up
-59	14983-02		STRINGER – Fuselage, side, front, lower, RH	1	22-807 to 22-7642 inclusive

FUSELAGE FRAME ASSEMBLY

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
9-60	81302-22		HINGE – Rear door, lower, LH	1	22-1 to 22-7642 inclusive
-61	81302-23		HINGE – Rear door, upper, LH	1	22-1 to 22-806 inclusive
	81302-26		HINGE – Rear door, upper, LH	1	22-807 to 22-7642 inclusive
-62	13049-00	A	FRAME – Fuselage, complete	1	22-1 to 22-353 inclusive
	13049-02	A	FRAME – Fuselage, complete	1	22-354 to 22-806 inclusive
	13808-00	A	FRAME – Fuselage, complete	1	22-807 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive
	14609-00	AB	FRAME – Fuselage, complete	1	22-3218, 22-3387 to 22-7642 inclusive
	15116-00	AB	FRAME – Fuselage, complete	1	22-8000 and up
-62a	12149-03		TUBE – Top deck former	2	
-62b	11567-06		TUBE – Diagonal (from front wing hinge fitting to firewall) 35", left	1	
	11567-07		TUBE – Diagonal (from front wing hinge fitting to firewall) 35", right	1	
-62c	13583-00		BULKHEAD ASSEMBLY – Fuselage	1	
-63	21211-00		SUPPORT ASSEMBLY – Stabilizer, rear	1	
			<p>A – The Stringers and Tail Skid Part No. 13147-00 are not included with this part.</p> <p>B – Supply serial number when ordering this part.</p>		

PA-22 TRI-PACER PARTS CATALOG

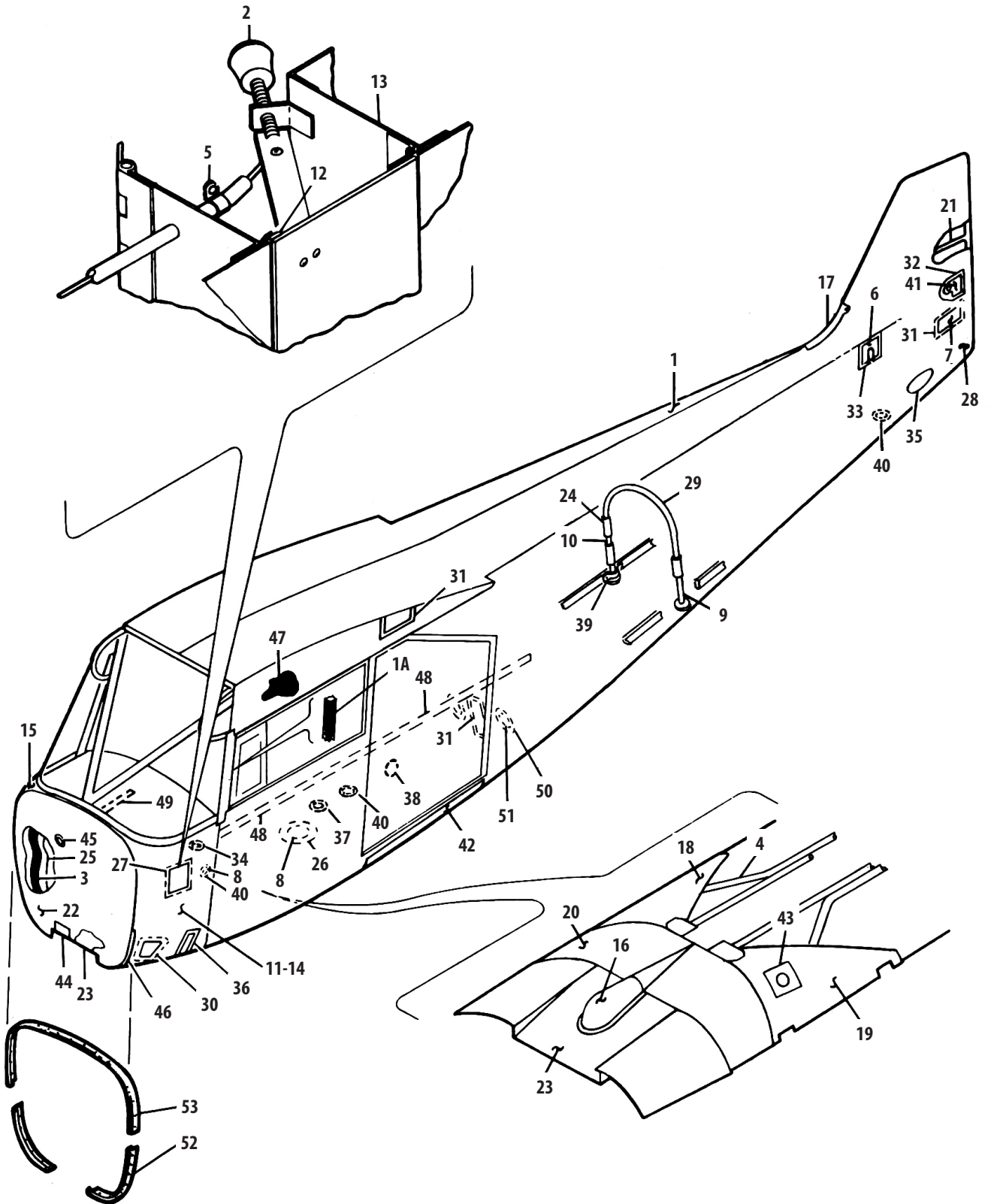


Figure 10. Fuselage Covered Assembly

FUSELAGE COVERED ASSEMBLY

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
10-	13145		DRAWING – Fabric Installation, Fuselage		22-1 to 22-806 inclusive
	-13925DWG		DRAWING – Fabric Installation, Fuselage		22-807 to 22-7642 inclusive
	15126		DRAWING – Fabric Installation, Fuselage		22-8000 and up
-1	751-735		FUSELAGE ASSEMBLY – Covered, with seat and floor (Standard, does not include optional equipment)	1	22-1 to 22-353 inclusive
	751-747		FUSELAGE ASSEMBLY – Covered, with seat and floor (Standard, does not include optional equipment) “125” and “135”	1	
	751-752	A	FUSELAGE ASSEMBLY – Covered, with seat and floor (Standard, does not include optional equipment)	1	
	751-768	B	FUSELAGE ASSEMBLY – Covered, with seat and floor (Standard, does not include optional equipment)	1	22-3218, 22-3387 to 22-7642 inclusive
	15143-00	C	FUSELAGE ASSEMBLY – Covered, with seat and floor (Standard, does not include optional equipment)	1	22-8000 and up
-1a	13945-36		SEAL – Storm window, L 16”	1	
-2	-13483-000		ARM ASSEMBLY – Air box valve control	1	22-354 and up
-3	14080-00		BLANKET – Insulator, firewall	2	
-4	13541-18		TUBE – Airspeed, static vent line in bottom of fuselage	1	22-2378, 22-2425 and up
-5	454-887		CLAMP – Cabin vent control (Tinnerman No. A4886A-3-A-1)	1	22-534 and up
-6	11990-00		COVER – Stabilizer yoke inspection, LH	1	
	11990-01		COVER – Stabilizer yoke inspection, RH	1	
-7	U82461-000		COVER – Inspection, rectangular	1	
-8	U12761-002		COVER – Inspection, round (inside cockpit)	1	22-776 and up
	U12761-002		COVER – Inspection, round, battery drain access	1	22-1021, 22-1022, 22-1024 and up
	483-10		COVER – Inspection, round (generic alternative to U12761-002)	1	
-9	-14495-000		PLATE ASSEMBLY – Airspeed static vent line attachment, in rear bottom fuselage, right and left	2	22-2378, 22-2425 and up
-10	-14493-000		TEE ASSEMBLY – Airspeed static vent line, in rear bottom fuselage	1	22-2378, 22-2425 and up
-11	13647-00		COWL ASSEMBLY – Fuselage, LH	1	22-354 to 22-806 inclusive
	13647-02	A	COWL ASSEMBLY – Fuselage, LH	1	
	13647-03		COWL ASSEMBLY – Fuselage, LH	1	22-3218, 22-3387 to 22-6351 inclusive
	13647-04	D	COWL ASSEMBLY – Fuselage, LH	1	
	13647-05		COWL ASSEMBLY – Fuselage, LH	1	22-8381, 22-8393, 22-8440
-12	-189-125		SEAL – Cork and neoprene (for air box)	1	22-354 and up
-13	13746-00		BOX ASSEMBLY – Cabin air vent	1	22-354 and up

A – Used on PA-22 with serial numbers 22-807 to 22-3217 inclusive, and 22-3219 to 22-3386 inclusive.
 B – Supply serial number of airplane when ordering this part.
 C – Covered fuselage with brake cylinders, pedals, valves, floorboard and control cables.
 D – Used on PA-22 with serial numbers 22-6352 to 22-7642 inclusive, 22-8000 to 22-8380 inclusive, 22-8382 to 22-8392 inclusive, 22-8394 to 22-8439 inclusive, 22-8441 and up.

FUSELAGE COVERED ASSEMBLY

SECTION II
Fuselage Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
10-14	13144-05		COWL ASSEMBLY – Fuselage, LH	1	22-1 to 22-353 inclusive
-15	13648-00		COWL ASSEMBLY – Fuselage, RH	1	22-1 to 22-806 inclusive
	13648-02	B	COWL ASSEMBLY – Fuselage, RH	1	
	-13648-003	C	COWL ASSEMBLY – Fuselage, RH	1	
	13648-04		COWL ASSEMBLY – Fuselage, RH	1	22-8381, 22-8393, 22-8440
-16	U12622-000		FAIRING – Cup, bottom, fuselage cowl	1	
-17	11665-02		FAIRING – Fin, fuselage	1	
-18	13140-00		FAIRING – Triangular, bottom (at landing gear) (inside) LH	1	22-1 to 22-353 inclusive
	-13140-002		FAIRING – Triangular, bottom (at landing gear) (inside) LH	1	22-354 and up
-19	13140-01		FAIRING – Triangular, bottom (at landing gear) (inside) RH	1	22-1 to 22-353 inclusive
	-13140-004		FAIRING – Triangular, bottom (at landing gear) (inside) RH	1	22-354 and up
-20	-13143-000		FAIRING – Rear of fuselage cowl	1	
-21	U11783-000		FIN ASSEMBLY	1	
-22	13139-00		FIREWALL ASSEMBLY	1	22-1 to 22-353 inclusive
	13482-05		FIREWALL ASSEMBLY	1	22-354 to 22-3217, 22-3219 to 22-3386 inclusive
	14699-03	A	FIREWALL ASSEMBLY	1	
	15174-00		FIREWALL ASSEMBLY	1	22-8381, 22-8393, 22-8417, 22-8437, 22-8440 to 22-9522 inclusive
	15242-00		FIREWALL ASSEMBLY	1	22-9533 and up
-23	U13149-000	A	PANEL – Bottom	1	
	U13149-002		PANEL – Bottom	1	22-8381, 22-8393, 22-8417, 22-8437, 22-8440 and up
-24	-83161-002		HOSE – Airspeed, static vent line tee connection	4	22-2378, 22-2425 and up
-25	24032-14		FIREWALL LEATHER – Brown, cement to blanket	1	22-1 to 22-1759 inclusive
	24032-17		FIREWALL LEATHER – Green, cement to blanket	1	22-807 to 22-2377 inclusive, and 22-2379 to 22-2424 inclusive
	24032-20		FIREWALL LEATHER – Brown	1	22-1760 to 22-2377 inclusive, and 22-2379 to 22-2424 inclusive
	24032-21		FIREWALL LEATHER – Black	1	22-1760 to 22-4142 inclusive, and 22-4144 to 22-4459 inclusive
	24032-23		FIREWALL LEATHER – Black	1	22-4143, 22-4460 and up
<p>A – Used on PA-22 with serial numbers 22-3218, 22-3387 to 22-7642 inclusive, 22-8000 to 22-8380 inclusive, 22-8382 to 22-8392 inclusive, 22-8394 to 22-8416 inclusive, 22-8418 to 22-8436 inclusive, 22-8438 to 22-8439 inclusive.</p> <p>B – Used on PA-22 with serial numbers 22-807 to 22-3217 inclusive, and 22-3219 to 22-3386 inclusive.</p> <p>C – Used on PA-22 with serial numbers 22-3218, 22-3387 to 22-7642 inclusive, 22-8000 to 22-8380 inclusive, 22-8382 to 22-8392 inclusive, 22-8394 to 22-8439 inclusive, 22-8441 and up.</p>					

FUSELAGE COVERED ASSEMBLY

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
10-26	80122-49		GROMMET – Battery drain access	1	22-1021, 22-1022, 22-1024 to 22-7462 inclusive
	U85012-078		WASHER – Battery drain access	2	22-8000 and up
-27	13535-00		GROMMET – Cabin vent box	2	22-354 and up
-28	U80122-053		GROMMET – Drain	1	22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
-29	U13541-019		TUBE – Connecting static vent line, rear bottom fuselage	1	22-2378, 22-2425 and up
-30	U10293-002		GROMMET – Inspection cover	2	
-31	U80541-002		GROMMET – Inspection cover, rectangle	4	
-32	U10293-000		GROMMET – Tail inspection panel	2	
-33	U10292-000		GROMMET – Stabilizer yoke inspection plate	2	
-34	-80122-051		GROMMET – Reinforcement, round, pyralin, 1-1/2 inch OD x 3/4 inch ID x .050	5	
-35	U60863-003		GROMMET – Reinforcement leather, at rudder cable, rear	2	
-36	-11855-002		GROMMET – Reinforcement, at aileron pulley bracket	2	
-37	-80122-051		GROMMET – Reinforcement, battery vent and drain	2	22-1021, 22-1022, 22-1024 and up
-38	-80122-056	B	GROMMET – Reinforcement, rear seat clip	1	
-39	80032-48		CLAMP – Offset, airspeed static vent line attachment, rear fuselage	2	22-2378, 22-2425 and up
-40	80122-49	A	GROMMET – Inspection cover, round	1	
	80122-49		GROMMET – Inspection cover, round	2	22-534 to 22-2377 inclusive, and 22-2379 to 22-2424 inclusive
-41	U60742-000		PANEL – Tail inspection, LH	1	
	U60742-001		PANEL – Tail inspection, RH	1	
-42	13157-00		PLATE – Fabric former, rear of rear landing gear fitting, LH	1	
	13157-01		PLATE – Fabric former, rear of rear landing gear fitting, RH	1	
-43	13141-00	C	PLATE – Cover, rear fuel strainer, bottom fuselage fairing, RH	1	
-44	13059-00		PLATE – Cover, firewall opening (when rear seat heater is not installed)	1	22-1 to 22-806 inclusive
-45	-80122-007		WASHER – Firewall attachment	5	
-46	180-815		WEBBING – Fuselage cowl	8	
-47	181-231		INSULATION – Fiberglass, 30 ply, “125” and “135”, 11 sq. yd.		
-48	11473-28		STRIP – Pyralin, upholstered trim panel anchor strip attachment, “125” and “135”	2	
-49	12911-00		CHANNEL – Fuselage cowl reinforcement	1	22-1 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive
	12911-02		CHANNEL – Fuselage cowl reinforcement	1	22-3218, 22-3387 and up
-50	U12761-002		COVER – Inspection, round	3	22-1 to 22-806 inclusive
	483-10		COVER – Inspection, round (generic alternative to U12761-002)	3	22-1 to 22-806 inclusive
-51	80122-49		GROMMET – Round	3	
-52	U14972-000		MOULDING – Firewall seal, left	1	
	U14972-001		MOULDING – Firewall seal, right	1	
-53	U14973-000		MOULDING – Firewall seal	1	

A – Used on PA-22 with serial numbers 22-776 to 22-2424 inclusive.
 B – Not used on PA-22-108.
 C – Optional on PA-22-108.

PA-22 TRI-PACER PARTS CATALOG

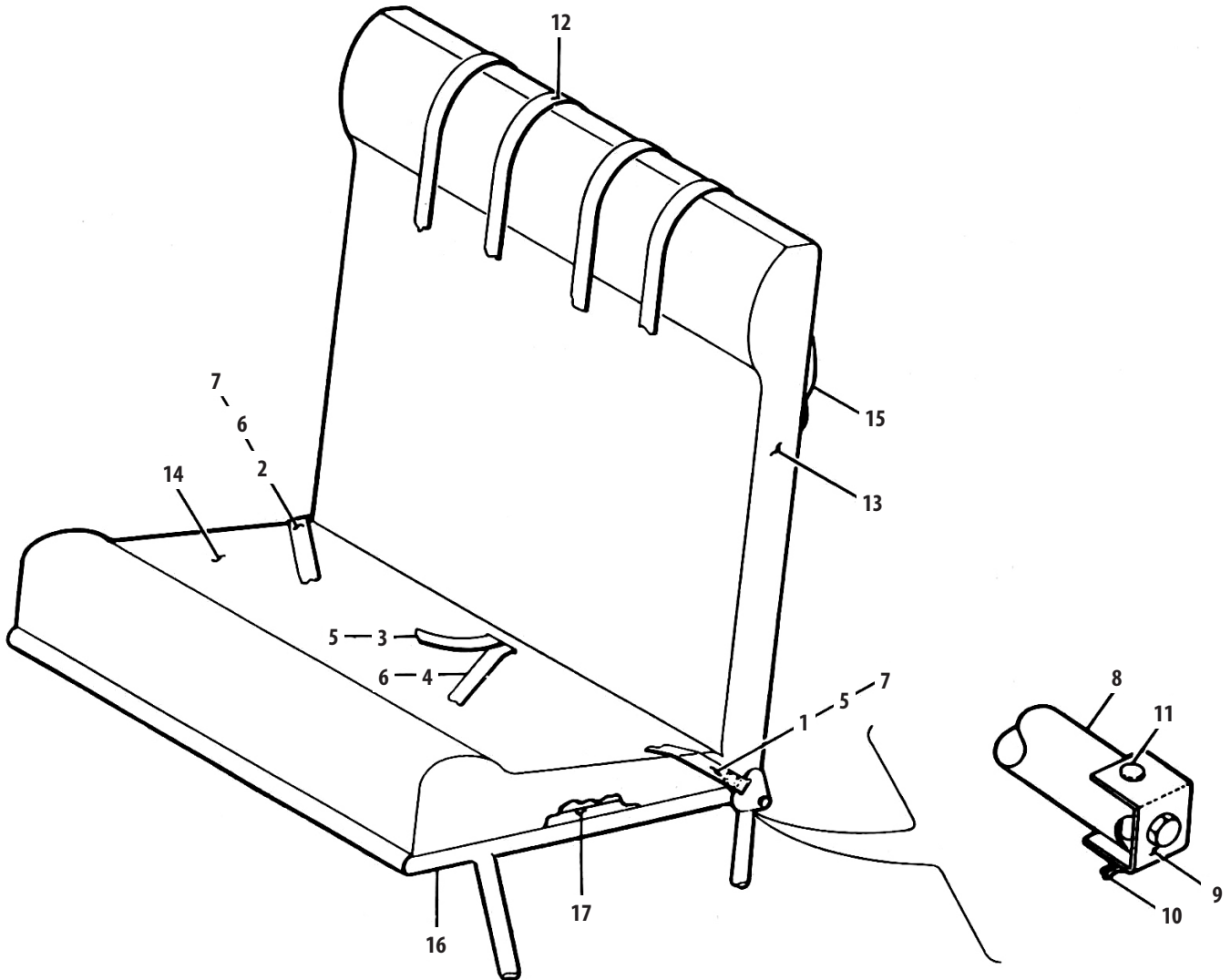


Figure 11. Rear Seat Installation
(Serial Nos. 22-1 to 22-7630 inclusive)

REAR SEAT INSTALLATION
(Serial Nos. 22-1 to 22-7642 inclusive)

SECTION III
Cockpit Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
11-	13038		DRAWING – Seat Installation		22-1 to 22-806 inclusive
	13909		DRAWING – Seat Installation		22-807 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	14460		DRAWING – Seat Installation		22-2378, 22-2425 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive
	14705		DRAWING – Seat Installation		22-3218, 22-3387 to 22-6351 inclusive
	14995	B	DRAWING – Seat Installation		
	15033		DRAWING – Seat Installation		22-6785, 22-6858, 22-6980 and up
-1	451-339	A	BELT ASSEMBLY – Left side rear seat, tip end	1	
-2	451-338	A	BELT ASSEMBLY – Right side rear seat, buckle end	1	
-3	451-341	A	BELT ASSEMBLY – Rear seat, center, tip end	1	
-4	451-340	A	BELT ASSEMBLY – Rear seat, center, buckle end	1	
-5	13947-02		BELT ASSEMBLY – Safety, rear, complete (M5100M4-T32)	2	22-807 to 22-1759 inclusive
	13947-05		BELT ASSEMBLY – Safety, rear, complete (M5100M4-T32)	2	22-1760 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	13947-20		BELT ASSEMBLY – Safety, rear, complete, black	1	
	13947-41		BELT ASSEMBLY – Safety, rear, complete, gray	2	
-6	13947-02		BELT ASSEMBLY – Safety, rear, complete (M5100M4-B22)	2	22-807 to 22-1759 inclusive
	13947-05		BELT ASSEMBLY – Safety, rear, complete (M5100M4-B22)	2	22-1760 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	13947-20		BELT ASSEMBLY – Safety, rear, complete, black	1	
	13947-41		BELT ASSEMBLY – Safety, rear, complete, gray	2	
-7	451-337		BELT – Safety (No. SB1361) complete buckle and tip end	1	22-1 to 22-333 inclusive, 22-334 to 22-339 inclusive and 22-342
-8	13420-00	A	TUBE – Rear center safety belt attachment	1	
-9	13421-00	A	BRACKET – Attachment, rear safety belt tube	2	
-10	454-888	A	CLIP – Rear safety belt tube attachment pin (No. 62)	2	
-11	MS20392-3CS5	A	PIN – Rear safety belt tube attachment	2	
-12	13129-03		STRAP ASSEMBLY – Shoulder harness, rear seat, brown	4	
	-13129-005		STRAP – Shoulder harness, rear seat (black)	4	22-2378, 22-2425 and up
			A – Used on PA-22 with serial numbers 22-333, 22-340, 22-341 and 22-343 to 22-806 inclusive.		
			B – Used on PA-22 with serial numbers 22-6352 to 22-6784 inclusive, 22-6786 to 22-6857 inclusive and 22-6859 to 22-6979 inclusive.		

REAR SEAT INSTALLATION
(Serial Nos. 22-1 to 22-7642 inclusive)

SECTION III
Cockpit Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
11-13	12584-30		CUSHION ASSEMBLY – Rear seat, back, “125” and “135”	1	22-1 to 22-806 inclusive
	14201-02		CUSHION ASSEMBLY – Rear seat, back (brown)	1	22-807 to 22-1759 inclusive
	14201-00		CUSHION ASSEMBLY – Rear seat, back (green)	1	22-807 to 22-1759 inclusive
	14270-20		CUSHION ASSEMBLY – Rear seat, back (red)	1	22-1760 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	14270-00		CUSHION ASSEMBLY – Rear seat, back (green)	1	22-1760 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	14270-02		CUSHION ASSEMBLY – Rear seat, back (brown)	1	22-1760 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	14270-26		CUSHION ASSEMBLY – Rear seat, back (black) frieze	1	22-807 to 22-1759 inclusive
	14270-33		CUSHION ASSEMBLY – Rear seat, back (black) (smooth)	1	22-2829, 22-2834, 22-2835, 22-2836, 22-2839 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive
	14695-02		CUSHION ASSEMBLY – Rear seat, back (black with red trim)	1	22-3218, 22-3387 to 22-4142 inclusive and 22-4144 to 22-4459 inclusive
	14695-08		CUSHION ASSEMBLY – Rear seat, back (black with blue trim)	1	22-3218, 22-3387 to 22-4142 inclusive and 22-4144 to 22-4459 inclusive
	14834-02	A	CUSHION ASSEMBLY – Rear seat back (with red trim)	1	
	14834-05	A	CUSHION ASSEMBLY – Rear seat back (with blue trim)	1	
	14834-08	A	CUSHION ASSEMBLY – Rear seat back (with Pasadena rose trim)	1	
	14900-02	B	CUSHION ASSEMBLY – Rear seat back (with red trim)	1	
	14900-03	B	CUSHION ASSEMBLY – Rear seat back (with blue trim)	1	
	14900-04	B	CUSHION ASSEMBLY – Rear seat back (with Pasadena rose trim)	1	
	14942-02		CUSHION ASSEMBLY – Rear seat back, red	1	22-5139, 22-5603 to 22-6351 inclusive
	14942-05		CUSHION ASSEMBLY – Rear seat back, blue	1	22-5139, 22-5603 to 22-6351 inclusive
	14942-08		CUSHION ASSEMBLY – Rear seat back, brown	1	22-5139, 22-5603 to 22-6351 inclusive
	14942-22	C	CUSHION ASSEMBLY – Rear seat back, red	1	
	14942-24	C	CUSHION ASSEMBLY – Rear seat back, blue	1	
	14942-26	C	CUSHION ASSEMBLY – Rear seat back, brown	1	
	14942-28	C	CUSHION ASSEMBLY – Rear seat back, green	1	
	15025-02		CUSHION ASSEMBLY – Rear seat back, red	1	22-6785, 22-6858, 22-6980 and up
	15025-04		CUSHION ASSEMBLY – Rear seat back, blue	1	22-6785, 22-6858, 22-6980 and up
	15025-06		CUSHION ASSEMBLY – Rear seat back, brown	1	22-6785, 22-6858, 22-6980 and up
	15025-08		CUSHION ASSEMBLY – Rear seat back, green	1	22-6785, 22-6858, 22-6980 and up
			A – Used on PA-22 with serial numbers 22-4143, 22-4460 to 22-4494 inclusive, 22-4506, 22-4527, 22-4535, 22-4543, 22-4571, 22-4573, 22-4590, 22-4591, 22-4610, 22-4611, 22-4613 to 22-5138 inclusive and 22-5140 to 22-5602 inclusive.		
			B – Used on PA-22 with serial numbers 22-4495 to 22-4505 inclusive, 22-4507 to 22-4526 inclusive, 22-4528 to 22-4534 inclusive, 22-4536 to 22-4542 inclusive, 22-4544 to 22-4570 inclusive, 22-4572, 22-4574 to 22-4589 inclusive, 22-4592 to 22-4609 inclusive and 22-4612.		
			C – Used on PA-22 with serial numbers 22-6352 to 22-6784 inclusive, 22-6786 to 22-6857 inclusive and 22-6859 to 22-6979 inclusive.		
			D – When ordering this cushion assembly, be sure to specify exact color combination desired (Brown and Gray) or (Brown and Brown Check).		

REAR SEAT INSTALLATION
(Serial Nos. 22-1 to 22-7642 inclusive)

SECTION III
Cockpit Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
11-14	12889-37		CUSHION ASSEMBLY – Rear seat bottom	1	22-1 to 22-806 inclusive
	14199-02		CUSHION ASSEMBLY – Rear seat bottom, brown	1	22-807 to 22-1759 inclusive
	14199-00		CUSHION ASSEMBLY – Rear seat bottom, green	1	22-807 to 22-1759 inclusive
	14272-14		CUSHION ASSEMBLY – Rear seat bottom, red	1	22-1760 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	14272-02		CUSHION ASSEMBLY – Rear seat bottom, green	1	22-1760 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	14272-03	D	CUSHION ASSEMBLY – Rear seat bottom, brown	1	22-1760 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	14272-18		CUSHION ASSEMBLY – Rear seat bottom, black, frieze	1	22-807 to 22-1759 inclusive
	14272-23		CUSHION ASSEMBLY – Rear seat bottom, black, smooth	1	22-2829, 22-2834, 22-2835, 22-2836, 22-2839 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive
	14272-25		CUSHION ASSEMBLY – Rear seat, bottom (black with red trim)	1	22-3218, 22-3387 to 22-4142 inclusive and 22-4144 to 22-4459 inclusive
	14272-30		CUSHION ASSEMBLY – Rear seat, bottom (black with blue trim)	1	22-3218, 22-3387 to 22-4142 inclusive and 22-4144 to 22-4459 inclusive
	14869-02	A	CUSHION ASSEMBLY – Rear seat, bottom (with red trim)	1	
	14869-05	A	CUSHION ASSEMBLY – Rear seat, bottom (with blue trim)	1	
	14869-08	A	CUSHION ASSEMBLY – Rear seat, bottom (with Pasadena rose trim)	1	
	14899-02	B	CUSHION ASSEMBLY – Rear seat, bottom (with red trim)	1	
	14899-03	B	CUSHION ASSEMBLY – Rear seat, bottom (with blue trim)	1	
	14899-04	B	CUSHION ASSEMBLY – Rear seat, bottom (with Pasadena rose trim)	1	
	14940-02		CUSHION ASSEMBLY – Rear seat, bottom, red	1	22-5139, 22-5603 to 22-6351 inclusive
	14940-05		CUSHION ASSEMBLY – Rear seat, bottom, blue	1	22-5139, 22-5603 to 22-6351 inclusive
	14940-08		CUSHION ASSEMBLY – Rear seat, bottom, brown	1	22-5139, 22-5603 to 22-6351 inclusive
	14940-11	C	CUSHION ASSEMBLY – Rear seat, bottom, red	1	
	14940-12	C	CUSHION ASSEMBLY – Rear seat, bottom, blue	1	
	14940-13	C	CUSHION ASSEMBLY – Rear seat, bottom, brown	1	
	14940-14	C	CUSHION ASSEMBLY – Rear seat, bottom, green	1	
	15024-02		CUSHION ASSEMBLY – Rear seat, bottom, red	1	22-6785, 22-6858, 22-6980 and up
	15024-04		CUSHION ASSEMBLY – Rear seat, bottom, blue	1	22-6785, 22-6858, 22-6980 and up
	15024-06		CUSHION ASSEMBLY – Rear seat, bottom, brown	1	22-6785, 22-6858, 22-6980 and up
	15024-08		CUSHION ASSEMBLY – Rear seat, bottom, green	1	22-6785, 22-6858, 22-6980 and up
<p>A – Used on PA-22 with serial numbers 22-4143, 22-4460 to 22-4494 inclusive, 22-4506, 22-4527, 22-4535, 22-4543, 22-4571, 22-4573, 22-4590, 22-4591, 22-4610, 22-4611, 22-4613 to 22-5138 inclusive, 22-5140 to 22-5602 inclusive.</p> <p>B – Used on PA-22 with serial numbers 22-4495 to 22-4505 inclusive, 22-4507 to 22-4526 inclusive, 22-4528 to 22-4534 inclusive, 22-4536 to 22-4542 inclusive, 22-4544 to 22-4570 inclusive, 22-4572, 22-4574 to 22-4589 inclusive, 22-4592 to 22-4609 inclusive and 22-4612.</p> <p>C – Used on PA-22 with serial numbers 22-6352 to 22-6784 inclusive, 22-6786 to 22-6857 inclusive, 22-6859 to 22-6979 inclusive.</p> <p>D – When ordering this cushion assembly, be sure to specify exact color combination desired (Brown and Gray) or (Brown and Brown Check).</p>					

REAR SEAT INSTALLATION
 (Serial Nos. 22-1 to 22-7642 inclusive)

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
11-15	180-610		CORD – (Mason Line No. 4) (used for lacing cushions to frame)	46'	
-16	11860-00		FRAME ASSEMBLY – Rear seat, bottom	1	22-1 to 22-806 inclusive
	11860-04		FRAME ASSEMBLY – Rear seat, bottom	1	22-807 and up
-17	12887-00		FRAME ASSEMBLY – Rear seat, bottom cushion	1	

PA-22 TRI-PACER PARTS CATALOG

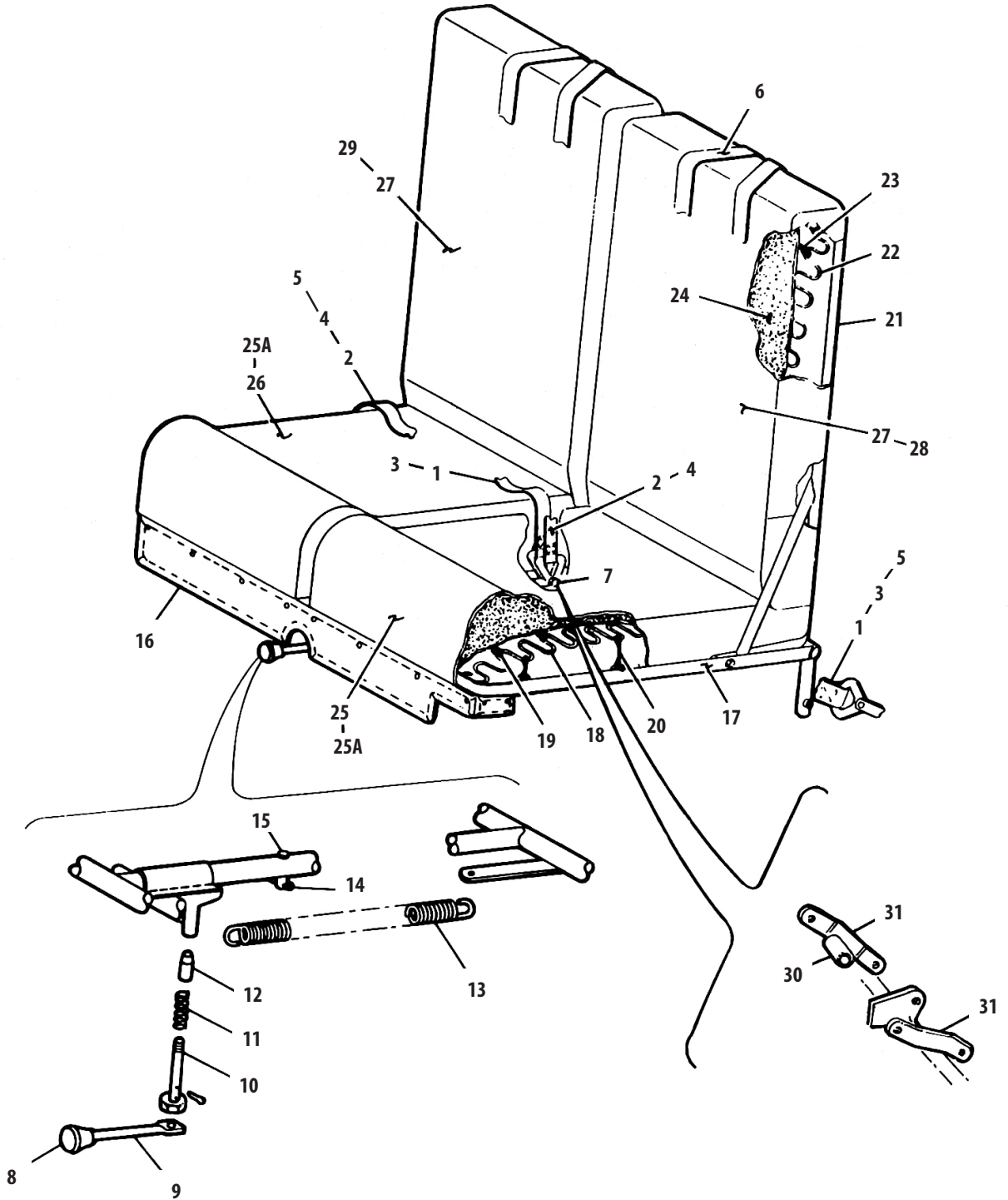


Figure 12. Front Seat Installation

FRONT SEAT INSTALLATION

SECTION III
Cockpit Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
12-	13038		DRAWING – Seat Installation		22-1 to 22-806 inclusive
	13909		DRAWING – Seat Installation		22-807 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	14460		DRAWING – Seat Installation		22-2378, 22-2425 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive
	14705		DRAWING – Seat Installation		22-3218, 22-3387 to 22-6351 inclusive
	14995		DRAWING – Seat Installation		22-6352 to 22-7642 inclusive
	15100		DRAWING – Seat Installation		22-8000 and up
-1	451-339		BELT ASSEMBLY – Front seat, tip end	2	22-333, 22-340, 22-341 and 22-343 to 22-806 inclusive
-2	451-338		BELT ASSEMBLY – Front seat, buckle end	2	22-333, 22-340, 22-341 and 22-343 to 22-806 inclusive
-3	13947-04		BELT ASSEMBLY – Safety, front, tip end (M5100M4-T32)	2	22-807 to 22-1759 inclusive
	13947-07		BELT ASSEMBLY – Safety, front, tip end (M5100M4-T32)	2	22-1760 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	13947-20		BELT ASSEMBLY – Safety, front, complete, black	1	
	13947-41		BELT ASSEMBLY – Safety, front, complete, gray	2	
-4	13947-03		BELT ASSEMBLY – Safety, front, buckle end (M5100M4-B22)	2	22-807 to 22-1759 inclusive
	13947-06		BELT ASSEMBLY – Safety, front, buckle end (M5100M4-B22)	2	22-1760 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	13947-20		BELT ASSEMBLY – Safety, front, complete, black	1	
	13947-41		BELT ASSEMBLY – Safety, front, complete, gray	2	
-5	451-337		BELT – Safety (SB361) complete, buckle end and tip end	1	22-1 to 22-332 inclusive, 22-334 to 22-339 inclusive and 22-342
-6	13129-02		STRAP ASSEMBLY – Shoulder harness, front seat, brown	4	22-1 to 22-3386 inclusive
	13129-04	B	STRAP – Shoulder harness, front seat (black)	4	22-3218, 22-3387 and up
-7	U13241-000		BOLT – Safety belt attachment, front seat, center	1	22-354 and up
-8	-471-052		KNOB – Ivory, front seat stop control (No. 3004-SM)	1	22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	-18875-005		KNOB – Ivory, front seat stop control (No. 3004-SM) black (2 on 1956 Model)	1	22-2378, 22-2425 to 22-7642 inclusive
	-471-063		KNOB – Front seat stop control (#113-1")	2	22-8000 and up
-9	12654-02	A	ROD – Front seat stop	1	
	14803-00		ROD – Front seat stop	2	22-3218, 22-3387 and up
-10	12653-02	A	ROD – Front seat stop control	1	
	-12653-004		ROD – Front seat stop control	2	22-3218, 22-3387 and up
	AN3-14A	C	BOLT – Front seat stop control	2	
-11	487-304	A	SPRING – Front seat stop plunger	1	
	83302-35		SPRING – Front seat stop plunger	2	22-3218, 22-3387 and up
-12	12032-00	A	PLUNGER – Front seat stop assembly	1	
	-12032-002		PLUNGER – Front seat stop	2	22-3218, 22-3387 and up
-13	487-293	A	SPRING – Tension front seat installation	1	
-14	454-888	A	CLIP – Seat safety stop pin	1	
-15	MS20392-3C41	A	PIN – Seat safety stop	1	
			A – Used on PA-22 with serial numbers 22-1 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.		
			B – Optional equipment on PA-22-108.		
			C – Used on PA-22-108 only.		

FRONT SEAT INSTALLATION

SECTION III
Cockpit Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED	
12-16	12991-00		PLATE ASSEMBLY – Trim, upholstered, front seat, bottom (brown leather)	1	22-1 to 22-1759 inclusive	
	12291-05		PLATE ASSEMBLY – Trim, upholstered, front seat, bottom (green leather)	1	22-807 to 22-1759 inclusive	
	14269-02		PLATE ASSEMBLY – Trim, upholstered, front seat, bottom, green	1	22-1760 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive	
	14269-04		PLATE ASSEMBLY – Trim, upholstered, front seat, bottom, brown	1	22-1760 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive	
	14269-07		PLATE ASSEMBLY – Trim, upholstered, front seat, bottom, gray	1	22-1760 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive	
	14269-10		PLATE ASSEMBLY – Trim, upholstered, front seat, bottom, black	1	22-2378, 22-2425 to 22-2829 inclusive, 22-2830 to 22-2833 inclusive, 22-2837 and 22-2838	
	14269-12		PLATE ASSEMBLY – Trim, upholstered, front seat, bottom, black, smooth	1	22-2829, 22-2834, 22-2835, 22-2836, 22-2839 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive	
	14717-00	A	PLATE ASSEMBLY – Trim, upholstered, RH, black	1		
	14718-00	A	PLATE ASSEMBLY – Trim, upholstered, LH, black	1		
	14718-05	B	PLATE – Trim, upholstered, LH, red	1	22-8000 and up	
	14718-07	B	PLATE – Trim, upholstered, LH, blue	1	22-8000 and up	
	14718-09	B	PLATE – Trim, upholstered, LH, Pasadena rose	1		
	14717-05	B	PLATE – Trim, upholstered, RH, red	1	22-8000 and up	
	14717-07	B	PLATE – Trim, upholstered, RH, blue	1	22-8000 and up	
	14717-09	B	PLATE – Trim, upholstered, RH, Pasadena rose	1		
	14717-11		PLATE – Trim, upholstered, RH, red	1	22-5139, 22-5603 to 22-7642 inclusive	
	14717-13		PLATE – Trim, upholstered, RH, blue	1	22-5139, 22-5603 to 22-7642 inclusive	
	14717-15		PLATE – Trim, upholstered, RH, brown	1	22-5139, 22-5603 and up	
	14718-11		PLATE – Trim, upholstered, LH, red	1	22-5139, 22-5603 to 22-7642 inclusive	
	14718-13		PLATE – Trim, upholstered, LH, blue	1	22-5139, 22-5603 to 22-7642 inclusive	
	14718-15		PLATE – Trim, upholstered, LH, brown	1	22-5139, 22-5603 and up	
	14717-17	C	PLATE – Trim, upholstered, RH, green	1	22-8000 and up	
	14718-17	C	PLATE – Trim, upholstered, LH, green	1	22-8000 and up	
	14717-19		PLATE – Trim, upholstered, RH, gray	1	22-6785, 22-6858, 22-6980 to 22-7642 inclusive	
	14718-19		PLATE – Trim, upholstered, LH, gray	1	22-6785, 22-6858, 22-6980 to 22-7642 inclusive	
				A – Used on PA-22 with serial numbers 22-3218, 22-3387 to 22-4142 inclusive and 22-4144 to 22-4459 inclusive.		
				B – Used on PA-22 with serial numbers 22-4143, 22-4460 to 22-5138 inclusive and 22-5140 to 22-5602 inclusive.		
				C – Used on PA-22 with serial numbers 22-6352, 22-6784, 22-6786 to 22-6857 inclusive and 22-6859 to 22-6979 inclusive.		

FRONT SEAT INSTALLATION

SECTION III
Cockpit Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
12-17	12990-08		FRAME ASSEMBLY – Front seat, bottom	1	22-1 to 22-1759 inclusive
-18	487-271		SPRING – No-sag, front seat, bottom	10	
-19	11420-00		LINK – Spring, connecting	24	
-20	11420-02		LINK – Spring, connecting	8	
-21	12894-06		FRAME ASSEMBLY – Front seat, back	2	22-1 to 22-1759 inclusive
-22	-487-274		SPRING – No-sag, front seat, right and left, back	4	
-23	11420-02		LINK – Spring connecting	6	22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	11420-04		LINK – Spring connecting	6	22-2378, 22-2425 and up
-24	14166-00		FILLER – Front seat back assembly	2	22-1 to 22-1759 inclusive
-25	12895-18		CUSHION ASSEMBLY – Front seat, bottom, left “125” and “135”	1	22-1 to 22-806 inclusive
	14198-10		CUSHION ASSEMBLY – Front seat, bottom, left (brown)	1	22-807 to 22-1759 inclusive
	14198-00		CUSHION ASSEMBLY – Front seat, bottom, left (green)	1	22-807 to 22-1759 inclusive
	14716-02		CUSHION ASSEMBLY – Front seat, bottom, LH (black with red trim)	1	22-3218, 22-3387 to 22-4142 inclusive and 22-4144 to 22-4459 inclusive
	14716-04		CUSHION ASSEMBLY – Front seat, bottom, LH (black with blue trim)	1	22-3218, 22-3387 to 22-4142 inclusive and 22-4144 to 22-4459 inclusive
	14874-02	A	CUSHION ASSEMBLY – Front seat bottom, LH (with red trim)	1	
	14874-04	A	CUSHION ASSEMBLY – Front seat bottom, LH (with blue trim)	1	
	14874-06	A	CUSHION ASSEMBLY – Front seat bottom, LH (with Pasadena rose trim)	1	
	14897-02	B	CUSHION ASSEMBLY – Front seat bottom, LH (with red trim)	1	
	14897-04	B	CUSHION ASSEMBLY – Front seat bottom, LH (with blue trim)	1	
	14897-06	B	CUSHION ASSEMBLY – Front seat bottom, LH (with Pasadena rose trim)	1	
	14938-02		CUSHION ASSEMBLY – Front seat bottom, LH, red	1	22-5139, 22-5603 to 22-6351 inclusive
	14938-04		CUSHION ASSEMBLY – Front seat bottom, LH, blue	1	22-5139, 22-5603 to 22-6351 inclusive
	14938-06		CUSHION ASSEMBLY – Front seat bottom, LH, brown	1	22-5139, 22-5603 to 22-6351 inclusive
	14938-20	C	CUSHION ASSEMBLY – Front seat bottom, LH, red	1	
	14938-22	C	CUSHION ASSEMBLY – Front seat bottom, LH, blue	1	
	14938-24	C	CUSHION ASSEMBLY – Front seat bottom, LH, brown	1	
	14938-26	C	CUSHION ASSEMBLY – Front seat bottom, LH, green	1	
			A – Used on PA-22 with serial numbers 22-4143, 22-4460 to 22-4494 inclusive; 22-4506, 22-4527, 22-4535, 22-4543, 22-4571, 22-4573, 22-4590, 22-4591, 22-4610, 22-4611, 22-4613 to 22-5138 inclusive and 22-5140 to 22-5602 inclusive.		
			B – Used on PA-22 with serial numbers 22-4495 to 22-4505 inclusive, 22-4507 to 22-4526 inclusive, 22-4528 to 22-4534 inclusive, 22-4536 to 22-4542 inclusive, 22-4544 to 22-4570 inclusive, 22-4572, 22-4574 to 22-4589 inclusive, 22-4592 to 22-4609 inclusive and 22-4612.		
			C – Used on PA-22 with serial numbers 22-6352 to 22-6784 inclusive, 22-6786 to 22-6857 inclusive and 22-6859 to 22-6979 inclusive.		

FRONT SEAT INSTALLATION

SECTION III
Cockpit Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED	
12-25	15023-02		CUSHION ASSEMBLY – Front seat bottom, left, red	1	22-6785, 22-6858, 22-6980 to 22-7642 inclusive	
	15023-04		CUSHION ASSEMBLY – Front seat bottom, left, blue	1	22-6785, 22-6858, 22-6980 to 22-7642 inclusive	
	15023-06		CUSHION ASSEMBLY – Front seat bottom, left, brown	1	22-6785, 22-6858, 22-6980 to 22-7642 inclusive	
	15023-08		CUSHION ASSEMBLY – Front seat bottom, left, green	1	22-6785, 22-6858, 22-6980 to 22-7642 inclusive	
	15107-02		CUSHION ASSEMBLY – Front seat bottom, LH, red	1	22-8000 and up	
	15107-04		CUSHION ASSEMBLY – Front seat bottom, LH, blue	1	22-8000 and up	
	15107-06		CUSHION ASSEMBLY – Front seat bottom, LH, brown	1	22-8000 and up	
	15107-08		CUSHION ASSEMBLY – Front seat bottom, LH, green	1	22-8000 and up	
-25a	14273-03	CD	CUSHION ASSEMBLY – Front seat, bottom, brown	1		
	14273-02	D	CUSHION ASSEMBLY – Front seat, bottom, green	1		
	14273-28	D	CUSHION ASSEMBLY – Front seat, bottom, red	1		
	14273-38		CUSHION ASSEMBLY – Front seat, bottom, black frieze	1	22-2378, 22-2425 to 22-2828 inclusive, 22-2830 to 22-2833 inclusive and 22-2837 and 22-2838	
	14273-49		CUSHION ASSEMBLY – Front seat, bottom, black, smooth	1	22-2829, 22-2834, 22-2835, 22-2836, 22-2839 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive	
-26	14716-03		CUSHION ASSEMBLY – Front seat, bottom, RH (black with red trim)	1	22-3218, 22-3387 to 22-4142 inclusive and 22-4144 to 22-4459 inclusive	
	14716-05		CUSHION ASSEMBLY – Front seat, bottom, RH (black with blue trim)	1	22-3218, 22-3387 to 22-4142 inclusive and 22-4144 to 22-4459 inclusive	
	14874-03	A	CUSHION ASSEMBLY – Front seat bottom, RH (with red trim)	1		
	14874-05	A	CUSHION ASSEMBLY – Front seat bottom, RH (with blue trim)	1		
	14874-07	A	CUSHION ASSEMBLY – Front seat bottom, RH (with Pasadena rose trim)	1		
	14897-03	B	CUSHION ASSEMBLY – Front seat bottom, RH (with red trim)	1		
	14897-05	B	CUSHION ASSEMBLY – Front seat bottom, RH (with blue trim)	1		
	14897-07	B	CUSHION ASSEMBLY – Front seat bottom, RH (with Pasadena rose trim)	1		
				A – Used on PA-22 with serial numbers 22-4143, 22-4460 to 22-4494 inclusive, 22-4506, 22-4527, 22-4535, 22-4543, 22-4571, 22-4573, 22-4590, 22-4591, 22-4610, 22-4611, 22-4613 to 22-5138 inclusive and 22-5140 to 22-5602 inclusive.		
				B – Used on PA-22 with serial numbers 22-4495 to 22-4505 inclusive, 22-4507 to 22-4526 inclusive, 22-4528 to 22-4534 inclusive, 22-4536 to 22-4542 inclusive, 22-4544 to 22-4570 inclusive, 22-4572, 22-4574 to 22-4589 inclusive, 22-4592 to 22-4609 inclusive and 22-4612.		
			C – When ordering this cushion assembly, be sure to specify exact color combination desired (Brown and Gray) or (Brown and Brown Check).			
			D – Used on PA-22 with serial numbers 22-1760 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive.			

FRONT SEAT INSTALLATION

SECTION III
Cockpit Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
12-26	12895-19		CUSHION ASSEMBLY – Front seat, bottom, RH	1	22-1 to 22-806 inclusive
	14198-11		CUSHION ASSEMBLY – Front seat, bottom, right, brown	1	22-807 to 22-1759 inclusive
	14198-01		CUSHION ASSEMBLY – Front seat, bottom, right, green	1	22-807 to 22-1759 inclusive
	14938-03		CUSHION ASSEMBLY – Front seat, bottom, right, red	1	22-5139, 22-5603 to 22-6351 inclusive
	14938-05		CUSHION ASSEMBLY – Front seat, bottom, right, blue	1	22-5139, 22-5603 to 22-6351 inclusive
	14938-07		CUSHION ASSEMBLY – Front seat, bottom, right, brown	1	22-5139, 22-5603 to 22-6351 inclusive
	14938-21	A	CUSHION ASSEMBLY – Front seat, bottom, right, red	1	
	14938-23	A	CUSHION ASSEMBLY – Front seat, bottom, right, blue	1	
	14938-25	A	CUSHION ASSEMBLY – Front seat, bottom, right, brown	1	
	14938-27	A	CUSHION ASSEMBLY – Front seat, bottom, right, green	1	
	15023-03		CUSHION ASSEMBLY – Front seat, bottom, right, red	1	22-6785, 22-6858, 22-6980 to 22-7642 inclusive
	15023-05		CUSHION ASSEMBLY – Front seat, bottom, right, blue	1	22-6785, 22-6858, 22-6980 to 22-7642 inclusive
	15023-07		CUSHION ASSEMBLY – Front seat, bottom, right, brown	1	22-6785, 22-6858, 22-6980 to 22-7642 inclusive
	15023-09		CUSHION ASSEMBLY – Front seat, bottom, right, green	1	22-6785, 22-6858, 22-6980 to 22-7642 inclusive
	15107-03		CUSHION ASSEMBLY – Front seat, bottom, RH, red	1	22-8000 and up
	15107-05		CUSHION ASSEMBLY – Front seat, bottom, RH, blue	1	22-8000 and up
	15107-07		CUSHION ASSEMBLY – Front seat, bottom, RH, brown	1	22-8000 and up
	15107-09		CUSHION ASSEMBLY – Front seat, bottom, RH, green	1	22-8000 and up
-27	12896-24		CUSHION ASSEMBLY – Front seat, back	2	22-1 to 22-806 inclusive
-28	14200-64		CUSHION ASSEMBLY – Front seat, back, left, brown	1	22-807 to 22-1759 inclusive
	14200-02		CUSHION ASSEMBLY – Front seat, back, left, green	1	22-807 to 22-1759 inclusive
	14274-27	C	CUSHION ASSEMBLY – Front seat, back, left, red	1	
	14274-02	C	CUSHION ASSEMBLY – Front seat, back, left, green	1	
	14274-04	BC	CUSHION ASSEMBLY – Front seat, back, left, brown	1	
	14462-00		CUSHION ASSEMBLY – Front seat, back, LH (black frieze)	1	22-2378, 22-2425 to 22-2828 inclusive, 22-2830 to 22-2833 inclusive, 22-2837 and 22-2838
	14462-09		CUSHION ASSEMBLY – Front seat, back, LH (black) (smooth)	1	22-2829, 22-2834 to 22-2836 inclusive, 22-2839 to 22-3217 inclusive, 22-3219 to 22-3386 inclusive
	14693-02		CUSHION ASSEMBLY – Front seat, back, LH (black with red trim)	1	22-3218, 22-3387 to 22-4142 inclusive, 22-4144 to 22-4459 inclusive
	14693-04		CUSHION ASSEMBLY – Front seat, back, LH (black with blue trim)	1	22-3218, 22-3387 to 22-4142 inclusive, 22-4144 to 22-4459 inclusive
<p>A – Used on PA-22 with serial numbers 22-6352 to 22-6784 inclusive, 22-6786 to 22-6857 inclusive and 22-6859 to 22-6979 inclusive.</p> <p>B – When ordering this cushion assembly, be sure to specify exact color combination desired (Brown and Gray) or (Brown and Brown Check).</p> <p>C – Used on PA-22 with serial numbers 22-1760 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive.</p>					

FRONT SEAT INSTALLATION

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
12-28	14876-02	A	CUSHION ASSEMBLY – Front seat, back, LH (with red trim)	1	
	14876-04	A	CUSHION ASSEMBLY – Front seat, back, LH (with blue trim)	1	
	14876-06	A	CUSHION ASSEMBLY – Front seat, back, LH (with Pasadena rose trim)	1	
	14898-02	B	CUSHION ASSEMBLY – Front seat, back, LH (with red trim)	1	
	14898-04	B	CUSHION ASSEMBLY – Front seat, back, LH (with blue trim)	1	
	14898-06	B	CUSHION ASSEMBLY – Front seat, back, LH (with Pasadena rose trim)	1	
	14939-02		CUSHION ASSEMBLY – Front seat, back, LH, red	1	22-5139, 22-5603 to 22-6351 inclusive
	14939-04		CUSHION ASSEMBLY – Front seat, back, LH, blue	1	22-5139, 22-5603 to 22-6351 inclusive
	14939-06		CUSHION ASSEMBLY – Front seat, back, LH, brown	1	22-5139, 22-5603 to 22-6351 inclusive
	14939-26	E	CUSHION ASSEMBLY – Front seat, back, LH, red	1	
	14939-28	E	CUSHION ASSEMBLY – Front seat, back, LH, blue	1	
	14939-30	E	CUSHION ASSEMBLY – Front seat, back, LH, brown	1	
	14939-32	E	CUSHION ASSEMBLY – Front seat, back, LH, green	1	
	15022-02		CUSHION ASSEMBLY – Front seat, back, left, red	1	22-6785, 22-6858, 22-6980 and up
	15022-04		CUSHION ASSEMBLY – Front seat, back, left, blue	1	22-6785, 22-6858, 22-6980 and up
15022-06		CUSHION ASSEMBLY – Front seat, back, left, brown	1	22-6785, 22-6858, 22-6980 and up	
15022-08		CUSHION ASSEMBLY – Front seat, back, left, green	1	22-6785, 22-6858, 22-6980 and up	
-29	14200-03		CUSHION ASSEMBLY – Front seat, back, right, brown	1	22-807 to 22-1759 inclusive
	14200-00		CUSHION ASSEMBLY – Front seat, back, right, green	1	22-807 to 22-1759 inclusive
	14274-26	C	CUSHION ASSEMBLY – Front seat, back, right, red	1	
	14274-00	C	CUSHION ASSEMBLY – Front seat, back, right, green	1	
	14274-03	CD	CUSHION ASSEMBLY – Front seat, back, right, brown	1	
			A – Used on PA-22 with serial numbers 22-4143, 22-4460 to 22-4494 inclusive, 22-4506, 22-4527, 22-4535, 22-4543, 22-4571, 22-4573, 22-4590, 22-4591, 22-4610, 22-4611, 22-4613 to 22-5138 inclusive and 22-5140 to 22-5602 inclusive.		
			B – Used on PA-22 with serial numbers 22-4495 to 22-4505 inclusive, 22-4507 to 22-4526 inclusive, 22-4528 to 22-4534 inclusive, 22-4536 to 22-4542 inclusive, 22-4544 to 22-4570 inclusive, 22-4572, 22-4574 to 22-4589 inclusive, 22-4592 to 22-4609 inclusive and 22-4612.		
		C – Used on PA-22 with serial numbers 22-1760 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive.			
		D – When ordering this cushion assembly, be sure to specify exact color combination desired (Brown and Gray) or (Brown and Brown Check).			
		E – Used on PA-22 with serial numbers 22-6352 to 22-6784 inclusive, 22-6786 to 22-6857 inclusive, and 22-6859 to 22-6979 inclusive.			

FRONT SEAT INSTALLATION

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
12-29	14462-08		CUSHION ASSEMBLY – Front seat, back, RH (black frieze)	1	22-2378, 22-2425 to 22-2829 inclusive 22-2830 to 22-2833 inclusive, 22-2837 and 22-2838
	14462-10		CUSHION ASSEMBLY – Front seat, back, RH (black) (smooth)	1	22-2829, 22-2834, 22-2835, 22-2836, 22-2839 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive
	14693-03		CUSHION ASSEMBLY – Front seat, back, RH	1	22-3218, 22-3387 to 22-4142 inclusive and 22-4144 to 22-4459 inclusive
	14693-05		CUSHION ASSEMBLY – Front seat, back, RH (black with blue trim)	1	22-3218, 22-3387 to 22-4142 inclusive and 22-4144 to 22-4459 inclusive
	14876-05	C	CUSHION ASSEMBLY – Front seat, back, RH (with blue trim)	1	
	14876-03	C	CUSHION ASSEMBLY – Front seat, back, RH (with red trim)	1	
	14876-07	C	CUSHION ASSEMBLY – Front seat, back, RH (with Pasadena rose trim)	1	
	14898-03	B	CUSHION ASSEMBLY – Front seat, back, RH (with red trim)	1	
	14898-05	B	CUSHION ASSEMBLY – Front seat, back, RH (with blue trim)	1	
	14898-07	B	CUSHION ASSEMBLY – Front seat, back, RH (with Pasadena rose trim)	1	
	14939-03		CUSHION ASSEMBLY – Front seat, back, RH, red	1	22-5139, 22-5603 to 22-6351 inclusive
	14939-05		CUSHION ASSEMBLY – Front seat, back, RH, blue	1	22-5139, 22-5603 to 22-6351 inclusive
	14939-07		CUSHION ASSEMBLY – Front seat, back, RH, brown	1	22-5139, 22-5603 to 22-6351 inclusive
	14939-27	A	CUSHION ASSEMBLY – Front seat, back, RH, red	1	
	14939-29	A	CUSHION ASSEMBLY – Front seat, back, RH, blue	1	
	14939-31	A	CUSHION ASSEMBLY – Front seat, back, RH, brown	1	
	14939-33	A	CUSHION ASSEMBLY – Front seat, back, RH, green	1	
	15022-03		CUSHION ASSEMBLY – Front seat, back, right, red	1	22-6785, 22-6858, 22-6980 to 22-7642 inclusive
	15022-05		CUSHION ASSEMBLY – Front seat, back, right, blue	1	22-6785, 22-6858, 22-6980 to 22-7642 inclusive
	15022-07		CUSHION ASSEMBLY – Front seat, back, right, brown	1	22-6785, 22-6858, 22-6980 to 22-7642 inclusive
	15022-09		CUSHION ASSEMBLY – Front seat, back, right, green	1	22-6785, 22-6858, 22-6980 to 22-7642 inclusive
			A – Used on PA-22 with serial numbers 22-6352 to 22-6784 inclusive, 22-6786 to 22-6857 inclusive and 22-6859 to 22-6979 inclusive.		
			B – Used on PA-22 with serial numbers 22-4495 to 22-4505 inclusive, 22-4507 to 22-4526 inclusive, 22-4528 to 22-4534 inclusive, 22-4536 to 22-4542 inclusive, 22-4544 to 22-4570 inclusive, 22-4572, 22-4574 to 22-4589 inclusive, 22-4592 to 22-4609 inclusive and 22-4612.		
			C – Used on PA-22 with serial numbers 22-4143, 22-4460 to 22-4494 inclusive, 22-4506, 22-4527, 22-4535, 22-4543, 22-4571, 22-4573, 22-4590, 22-4591, 22-4610, 22-4611, 22-4613 to 22-5138 inclusive and 22-5140 to 22-5602 inclusive.		

FRONT SEAT INSTALLATION

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
12-29	15108-02		CUSHION ASSEMBLY – Front seat, back, red	2	22-8000 and up
	15108-03		CUSHION ASSEMBLY – Front seat, back, blue	2	22-8000 and up
	15108-04		CUSHION ASSEMBLY – Front seat, back, brown	2	22-8000 and up
	15108-05		CUSHION ASSEMBLY – Front seat, back, green	2	22-8000 and up
-30	-14843-044		BUSHING – Safety belt extension plate	1	
-31	14920-02		PLATE – Safety belt extension	2	

PA-22 TRI-PACER PARTS CATALOG

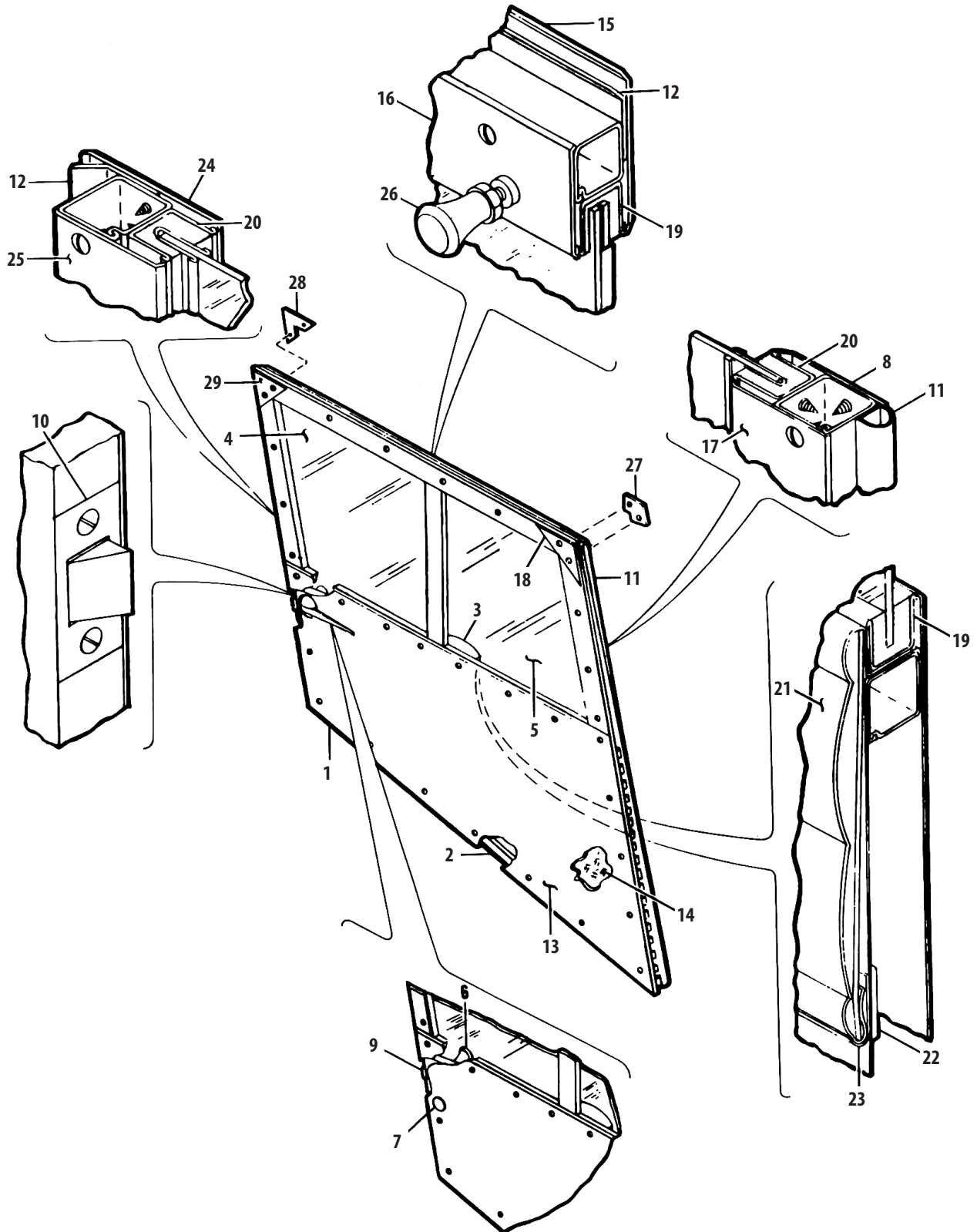


Figure 13. Front Door Assembly
(Serial Nos. 22-1 to 22-7642 inclusive)

FRONT DOOR ASSEMBLY
(Serial Nos. 22-1 to 22-7642 inclusive)

SECTION III
Cockpit Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
13-1	13027-00		DOOR ASSEMBLY – Front, with door and window locks	1	22-1 to 22-806 inclusive
	13027-02		DOOR ASSEMBLY – Front, without door and window locks	1	22-1 to 22-806 inclusive
-2	11653-14		DOOR FRAME	1	22-1 to 22-806 inclusive
-3	481-630		HANDLE – Inside, door pull (No. 6730E)	1	22-1 to 22-806 inclusive
-4	12685-00		WINDOW – Sliding, rear	1	22-1 to 22-806 inclusive
-5	12684-00		WINDOW – Sliding, front	1	22-1 to 22-806 inclusive
-6	-471-052		KNOB – Door latch assembly, inside	1	22-1 to 22-806 inclusive
-7	473-130		LOCK ASSEMBLY – Door, with keys (PAC No. 13014-00)	1	22-1 to 22-906 inclusive, 22-910
-8	11656-04		TRIM STRIP – Outside, at front of window	1	22-1 to 22-806 inclusive
-9	13186-00		LATCH ASSEMBLY – Door	1	22-1 to 22-806 inclusive
-10	-13012-000		PLATE – Door latch	1	22-1 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive
-11	187-608		MOULDING – Rudder seal, at front of door (Continental Die No. 2179)	3'	22-1 to 22-806 inclusive
-12	187-535		MOULDING – Rubber seal, at top, bottom and rear of door (Continental Die No. 3591)	8'	22-1 to 22-806 inclusive
-13	11654-02		PANEL – Outside cover (used when door lock is installed)	1	22-1 to 22-806 inclusive
	11654-03		PANEL – Outside cover (used when door lock is not installed)	1	22-1 to 22-806 inclusive
-14	181-231		INSULATION – Fiberglas, 1.2 sq. yd.		
-15	11656-03		TRIM STRIP – Outside, at top of window	1	
-16	12680-04		TRIM STRIP – Inside, at top of window (when window lock is not installed)	1	22-1 to 22-806 inclusive
	12680-03		TRIM STRIP – Inside, at top of window (when lock is installed)	1	22-1 to 22-806 inclusive
-17	12680-05		TRIM STRIP – Inside, at front of window	1	22-1 to 22-806 inclusive
-18	12997-02		PLATE – Trim, triangular, front top corner of door	1	
-19	12634-03		CHANNEL – Window sliding upper with stop nut, for locking window	1	22-1 to 22-806 inclusive
	U11432-013		CHANNEL – Window sliding upper and lower (upper not used when window lock is installed)	2	22-1 to 22-806 inclusive
-20	11432-12		CHANNEL – Window sliding front and rear, sides	2	22-1 to 22-806 inclusive
-21	12670-18		PANEL – Trim, upholstered, inside	1	22-1 to 22-806 inclusive
-22	11473-27		STRIP – Pyralin, upholstered trim panel anchor strip attachment	1	22-1 to 22-806 inclusive
-23	12664-02		STRIP – Anchor, upholstered trim panel	1	22-1 to 22-806 inclusive
-24	11656-02		TRIM STRIP – Outside, at rear of window	1	
-25	12680-02		TRIM STRIP – Inside, at rear of window	1	22-1 to 22-806 inclusive
-26	12856-00		KNOB – Window locking device	1	22-1 to 22-806 inclusive
-27	12683-00		PLATE – Trim, corner, at top front window	1	22-1 to 22-806 inclusive
-28	12681-00		PLATE – Trim, corner, at top rear window	1	22-1 to 22-806 inclusive
-29	12997-03		PLATE – Trim, triangular, rear top corner of door	1	

PA-22 TRI-PACER PARTS CATALOG

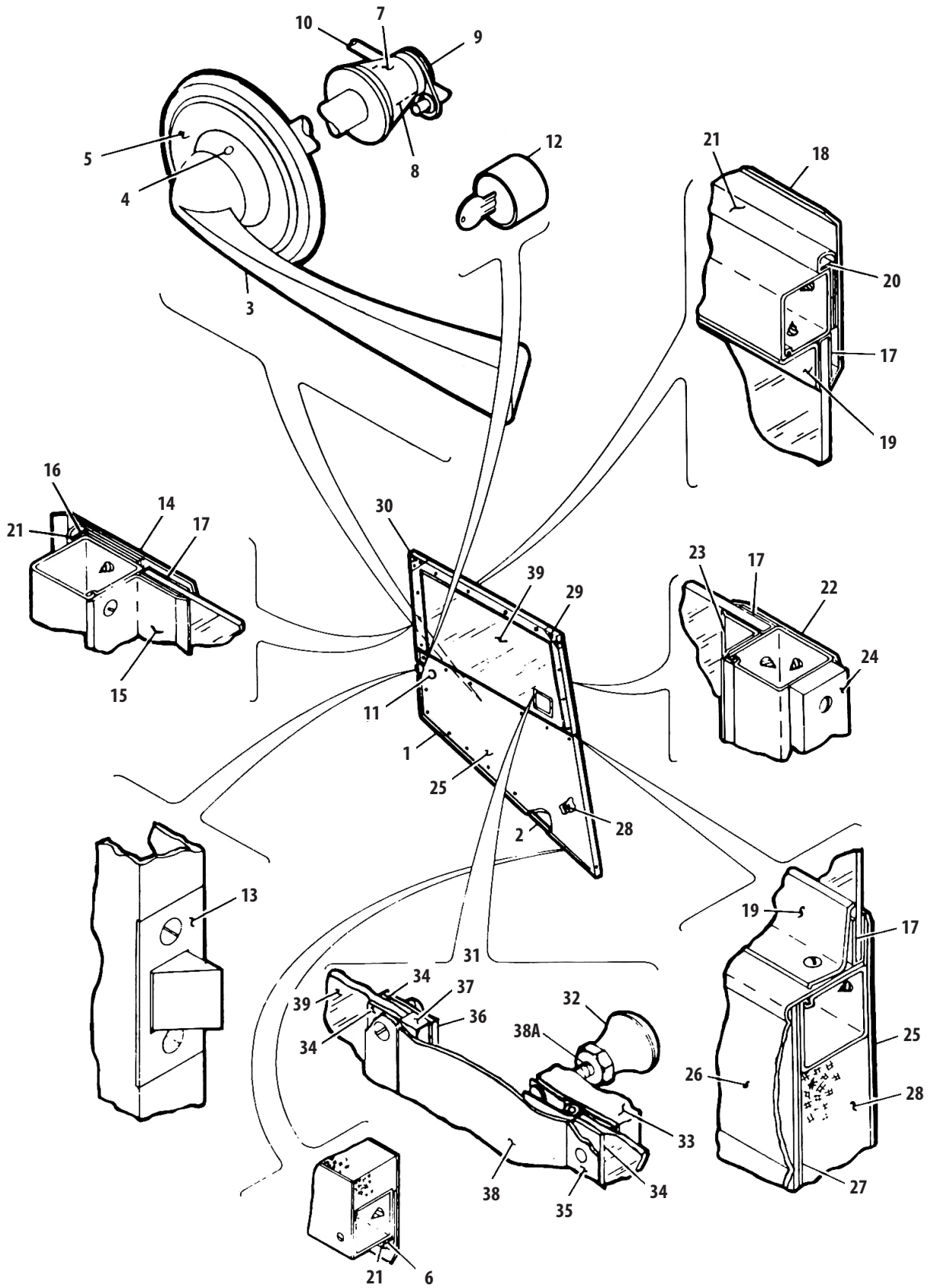


Figure 14. Front Door Assembly

FRONT DOOR ASSEMBLY

SECTION III
Cockpit Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
14-1	13922-00		DOOR ASSEMBLY – Front	1	22-807 to 22-906 inclusive and 22-910
	13922-03		DOOR ASSEMBLY – Front	1	22-907, 22-908, 22-909 and 22-911 to 22-1759 inclusive
	13922-04		DOOR ASSEMBLY – Front	1	22-1760 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	13922-05		DOOR ASSEMBLY – Front	1	22-2378, 22-2425 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive
	14657-00		DOOR ASSEMBLY – Front	1	22-3218, 22-3387 to 22-7642 inclusive 22-8000 to 22-8709 inclusive
	14657-09		DOOR ASSEMBLY – Front	1	22-8710 and up
			NOTE: Specify color red, blue, gray, green, brown or black leather when ordering.		
-2	13874-00	A	DOOR FRAME	1	
	14655-00		DOOR FRAME	1	22-3218, 22-3387 and up
-3	464-028		HANDLE – Door, inside	1	22-807 and up
-4	-81761-011		PIN – Door handle attachment	1	22-807 and up
-5	15073-00		PLATE – Door handle escutcheon	1	22-807 and up
-6	13935-07	A	ANGLE – Rubber strip support, bottom, 32-1/2 inch	1	
-7	13884-01		LINK – Door latch	1	22-807 and up
-8	-13882-000		BUSHING – Door handle installation	1	22-807 and up
-9	80122-05		WASHER – Latch rod installation	2	22-807 and up
-10	13881-00	A	ROD – Door latch control	1	
	14654-00		ROD – Door latch control	1	22-3218, 22-3387 and up
-11	13878-00	A	LATCH ASSEMBLY – Door	1	
	-14636-000		LATCH ASSEMBLY – Door	1	22-3218; 22-3387 and up
-12	473-130		LOCK ASSEMBLY – Door with keys (PAC No. 13014-00)	1	22-1 to 22-906 inclusive and 22-910
	14034-03		LOCK ASSEMBLY – Door with keys	1	22-907, 22-908, 22-909, 22-911 to 22-1482 inclusive, 22-1484 to 22-1498 inclusive and 22-1517
	752-301		LOCK ASSEMBLY – Door with keys	1	22-1483, 22-1499 to 22-1516 inclusive and 22-1518 to 22-3386 inclusive
	14711-03	B	LOCK ASSEMBLY – Door with keys (14711-02 and 2 keys)	1	22-3218, 22-3387 to 22-7642 inclusive, 22-9523 and up
	15157-03	C	LOCK ASSEMBLY – Door with keys	1	22-8000 to 22-9522 inclusive
-13	-13012-000		PLATE – Door latch	1	22-1 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive
	-14644-000		PLATE – Latch	1	22-3218, 22-3387 and up
-14	11656-02		TRIM STRIP – Outside, at rear of window	1	
-15	13870-02		TRIM STRIP – Window, inside door, rear	1	22-807 and up
-16	13935-08	A	ANGLE – Rubber strip support, rear, 25 inch	1	
-17	180-400		TAPE – Elastic compound No. 163, window seal	8	22-807 and up
-18	11656-03		TRIM STRIP – Outside, at top of window	1	
-19	13870-03		TRIM STRIP – Window, inside door, top and bottom	2	22-807 and up
			A – Used on PA-22 with serial numbers 22-807 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.		
			B – If ignition switch, door lock and matching keys are desired, order Part No. 14711-00.		
			C – If ignition switch, door lock and matching keys are desired, order Part No. 15157-00.		

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
14-20	13935-09	A	ANGLE – Rubber strip support, tip, 29-1/2 inch	1	
-21	-13945-019	A	MOULDING – Rubber, door seal (2-1/2 inch wide x 1/16 inch)	9	
	19063-00		MOULDING – Rubber, door seal	8	22-3218, 22-3387 and up
-22	11656-05		TRIM STRIP – Outside, at front of window	1	22-807 and up
-23	13870-04		TRIM STRIP – Window, inside door, front	1	22-807 and up
-24	13945-02		MOULDING – Rubber, door seal(1/2 inch wide x 3/16 inch)	1	22-807 and up
	13945-37		STRIP – Rubber spacer, door seal	1	22-3218, 22-3387 and up
-25	14015-00		PANEL – Outside cover	1	22-807 and up
-26	13937-18		PANEL – Trim, upholstered inside (brown)	1	22-807 to 22-1759 inclusive
	13937-02		PANEL – Trim, upholstered inside (green)	1	22-807 to 22-1759 inclusive
	14263-02		PANEL – Trim, upholstered inside (green)	1	22-1760 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	14263-03		PANEL – Trim, upholstered inside (brown)	1	22-1760 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	14263-07	B	PANEL – Trim, upholstered inside (black)	1	
	15027-00	C	PANEL – Trim, upholstered inside	1	22-6785, 22-6858, 22-6980 and up
-27	13887-00		PANEL – Inside cover	1	22-807 and up
-28	181-231		INSULATION – Fiberglas, 1.2 sq. yd.		
-29	12997-02		PLATE – Trim, triangular front top corner of door	1	
-30	12997-03		PLATE – Trim, triangular rear top corner of door	1	
-31	13975-00		WINDOW ASSEMBLY – Door, front	1	22-807 and up
-32	-471-051		KNOB – Ventilator (No. 3001SD ivory)	1	22-807 to 22-1759 inclusive
	U471-059		KNOB – Ventilator (No. 3001SD black)	1	22-2378, 22-2425 and up
-33	13900-00		BLOCK – Adjustment, ventilator	1	22-807 and up
-34	U14240-003		PLATE – (Vellumoid) outside	1	22-807 and up
	U14246-002		PLATE – Inside trim (Vellumoid)	1	22-807 and up
-35	U14240-002		PLATE – Outside trim	1	22-807 and up
-36	U14246-000		PLATE – Inside trim	1	22-807 and up
-37	U13914-000		GASKET	1	22-807 and up
-38	13904-00		VENTILATOR	1	22-807 and up
-38a	U13903-000		SCREW – Ventilator	1	22-807 and up
-39	14244-00		WINDOW	1	22-807 and up

A – Used on PA-22 with serial numbers 22-807 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.

B – Used on PA-22 with serial numbers 22-1760 to 22-6784 inclusive, 22-6786 to 22-6857 inclusive and 22-6859 to 22-6979 inclusive.

C – Specify color red, blue, green, brown or gray when ordering.

PA-22 TRI-PACER PARTS CATALOG

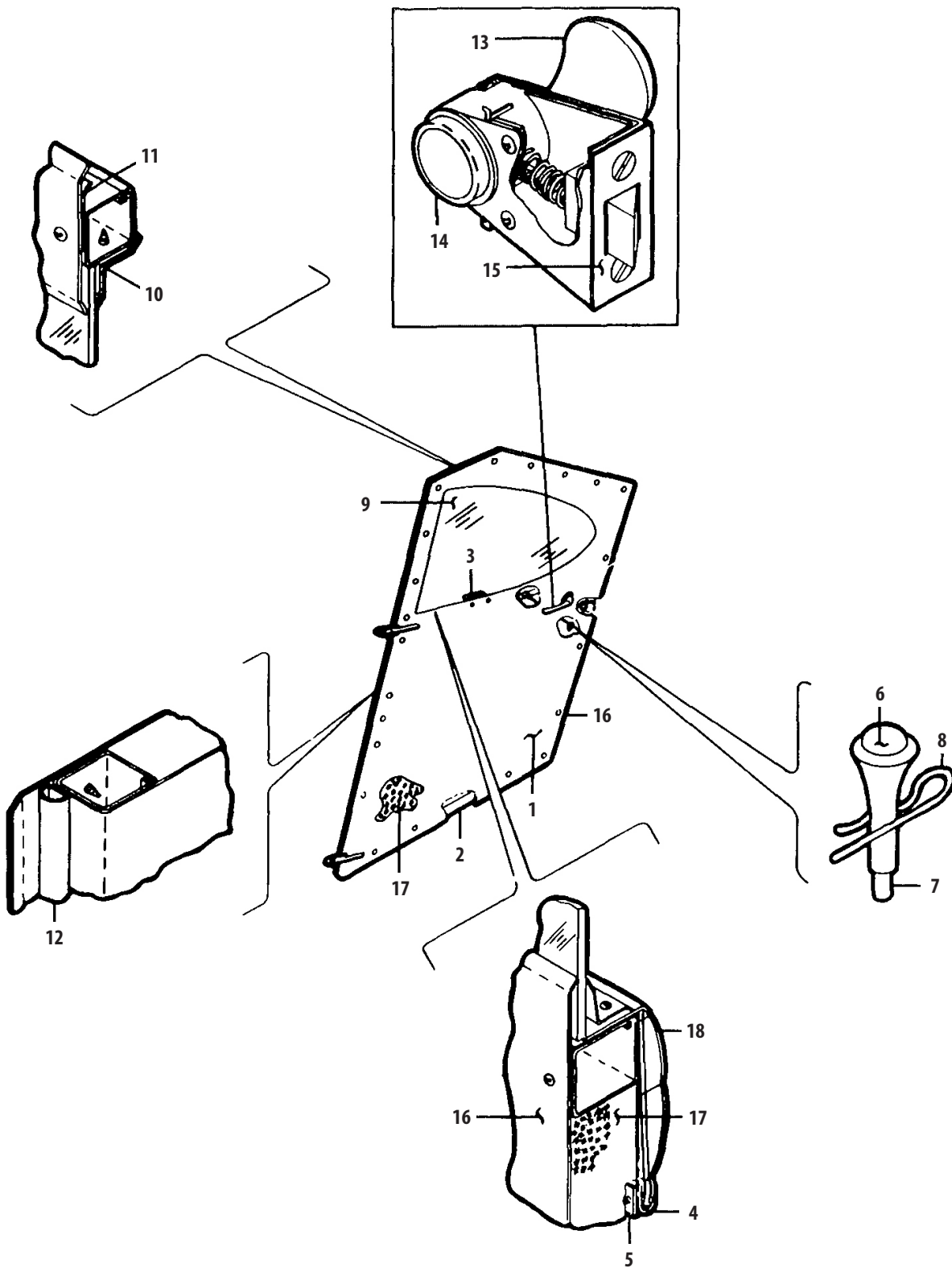


Figure 15. Rear Door Assembly
(Serial Nos. 22-1 to 22-7642 inclusive)

FRONT DOOR ASSEMBLY
(Serial Nos. 22-1 to 22-7642 inclusive)

SECTION III
Cockpit Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
15-1	13028-00		DOOR ASSEMBLY – Rear, with lock	1	22-1 to 22-806 inclusive
	13028-02		DOOR ASSEMBLY – Rear, without lock	1	22-1 to 22-806 inclusive
-2	12003-16		DOOR FRAME	1	22-1 to 22-806 inclusive
-3	481-630		HANDLE – Door pull, inside	1	22-1 to 22-806 inclusive
-4	12664-03		STRIP – Anchor upholstered trim panel “125” and “135”	1	22-1 to 22-806 inclusive
-5	11473-26		STRIP – Pyralin, upholstered trim panel anchor strip attachment “125”	1	22-1 to 22-806 inclusive
-6	-471-051		KNOB – Locking rod, “125” and “135”	1	22-1 to 22-806 inclusive
-7	12668-02		ROD – Locking, less knob	1	22-1 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive
-8	454-888		CLIP – Locking rod (No. 62) “125” and “135”	1	
-9	-12009-000		WINDOW	1	22-1 to 22-806 inclusive
-10	12245-02		PANEL – Trim, window, inside	1	22-1 to 22-806 inclusive
-11	187-535		MOULDING – Rubber seal, at top, bottom and rear of door (Continental Die No. 2591)	8'	22-1 to 22-806 inclusive
-12	187-608		MOULDING – Rubber seal, front of door (Continental Die No. 2179)	3-1/2'	22-1 to 22-806 inclusive
-13	-471-052		KNOB – Door latch assembly, inside	1	22-1 to 22-806 inclusive
-14	13186-00		LATCH ASSEMBLY – Door	1	22-1 to 22-806 inclusive
-15	-13012-000		PLATE – Door latch	1	22-1 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive
-16	12246-00		PANEL – Outside	1	22-1 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive
-17	181-231		INSULATION – Fiberglas, 1.2 sq. yd.		
-18	12670-00		PANEL – Trim, upholstered inside, “125” and “135”	1	22-1 to 22-806 inclusive

PA-22 TRI-PACER PARTS CATALOG

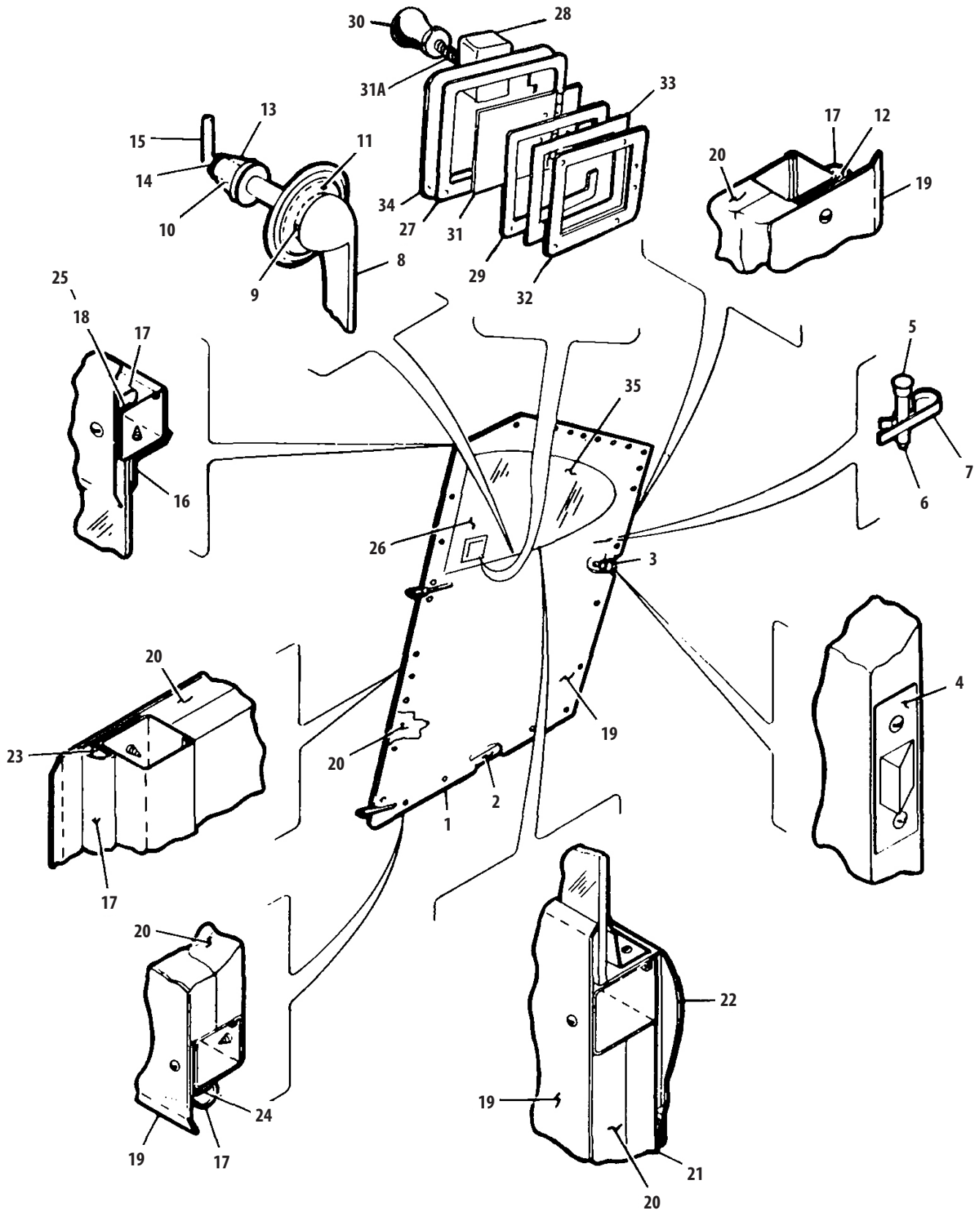


Figure 16. Rear Door Assembly
(Serial Nos. 22-1 to 22-7642 inclusive)

REAR DOOR ASSEMBLY
(Serial Nos. 22-1 to 22-7642 inclusive)

SECTION III
Cockpit Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
16-1	13923-00	A	DOOR ASSEMBLY – Rear	1	22-807 to 22-1759 inclusive
	13923-02		DOOR ASSEMBLY – Rear	1	
	13923-03		DOOR ASSEMBLY – Rear	1	22-2378, 22-2425 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive
	14650-00		DOOR ASSEMBLY – Rear NOTE: Specify green, brown or black trim when ordering.	1	22-3218, 22-3387 and up
-2	13879-00	B	DOOR FRAME	1	
	14641-00		FRAME – Door	1	22-3218, 22-3387 and up
-3	13878-00	B	LATCH ASSEMBLY – Door	1	
	14636-00		LATCH ASSEMBLY – Door	1	22-3218, 22-3387 and up
-4	-13012-000	B	PLATE – Door latch	1	
	-14644-000		PLATE – Door latch	1	22-3218, 22-3387 and up
-5	-471-051		KNOB – Locking rod	1	22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	U471-059		KNOB – Locking rod (#3301-SD black)	1	22-2378, 22-2425 and up
-6	12668-02	B	ROD – Locking, less knob	1	
	12668-03		ROD – Locking, less knob	1	22-3218, 22-3387 and up
-7	454-888		CLIP – Locking rod (No. 62)	1	
-8	464-028		HANDLE – Door, inside	1	22-807 and up
-9	-81761-011		PIN – Door handle attachment	1	22-807 and up
-10	-13882-000		BUSHING – Door handle installation	1	22-807 and up
-11	15073-00		PLATE – Door handle, escutcheon (ESC-7)	1	22-807 and up
-12	13935-04	B	ANGLE – Rubber strip support, rear, 24-1/2 inch	1	
-13	13884-01		LINK – Door latch	1	22-807 and up
-14	80122-05		WASHER – Latch rod installation	2	22-807 and up
-15	13881-00	B	ROD – Door latch control	1	
	14643-00		ROD – Door latch control	1	22-3218, 22-3387 and up
-16	13982-00	B	PANEL – Trim, window inside	1	
	14616-00		PANEL – Trim, window inside	1	22-3218, 22-3387 and up
-17	-13945-019	B	MOULDING – Rubber, door seal (2-1/2 inch wide x 1/16 inch)	11-1/2	
	19063-02		MOULDING – Rubber, door seal	10-1/2	22-3218, 22-3387 to 22-7642 inclusive
-18	13935-02	B	ANGLE – Rubber strip support top, front, 9-3/4 inch	1	
-19	12246-00	B	PANEL – Outside	1	
	14614-00		PANEL – Outside	1	22-3218, 22-3387 and up
-20	181-231		INSULATION – Fiberglas, 1.2 sq. yd.		
-21	13880-00		PANEL – Inside cover	1	22-807 and up
-22	13937-19		PANEL – Trim, upholstered, inside (brown)	1	22-807 to 22-1759 inclusive
	13937-03		PANEL – Trim, upholstered, inside (green)	1	22-807 to 22-1759 inclusive
	14262-02	B	PANEL – Trim, upholstered, inside (green)	1	
	14262-03	B	PANEL – Trim, upholstered, inside (brown)	1	
	14262-07	C	PANEL – Trim, upholstered, inside (black)	1	
	15028-00		PANEL – Trim, upholstered, inside (gray)	1	22-6785, 22-6858, 22-6980 and up

A – Used on PA-22 with serial numbers 22-1760 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive.

B – Used on PA-22 with serial numbers 22-807 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.

C – Used on PA-22 with serial numbers 22-1760 to 22-6784 inclusive, 22-6785 to 22-6857 inclusive and 22-6859 to 22-6979 inclusive.

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
16-23	13935-06	A	ANGLE – Rubber strip support, front, 42-1/2 inch	1	
-24	13935-05	A	ANGLE – Rubber strip support, bottom, 28-1/2 inch	1	
-25	13935-03	A	ANGLE – Rubber strip support, top rear, 14-1/2 inch	1	
-26	13835-00		WINDOW – Door	1	22-807 to 22-1759 inclusive
	14254-00	B	WINDOW – Door	1	
	14620-00		WINDOW ASSEMBLY – Door	1	22-3218, 22-3387 and up
-27	U14246-002		PLATE – Seal, vellumoid, inside	1	22-1760 and up
-28	13900-00		BLOCK – Adjusting, ventilator	1	22-1760 and up
-29	U13914-000		GASKET – Cork, ventilator	1	22-1760 and up
-30	-471-051		KNOB – Ventilator (#3001SD ivory)	1	22-1760 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	U471-059		KNOB – Window ventilator (#3001SD black)	1	22-2378, 22-2425 and up
-31	13904-00		VENTILATOR	1	22-1760 and up
-31A	U13903-000		SCREW – Ventilator	1	22-1760 and up
-32	U14240-002		PLATE – Outside trim, ventilator	1	22-1760 and up
-33	U14240-003		PLATE – Seal, vellumoid, outside	1	22-1760 and up
-34	U14246-000		PLATE – Inside trim, ventilator	1	22-1760 and up
-35	-14247-000	B	WINDOW	1	
	14618-00		WINDOW – Door	1	22-3218, 22-3387 and up
			A – Used on PA-22 with serial numbers 22-807 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.		
			B – Used on PA-22 with serial numbers 22-1760 to 22-3217 inclusive, 22-3219 to 22-3386 inclusive.		

PA-22 TRI-PACER PARTS CATALOG

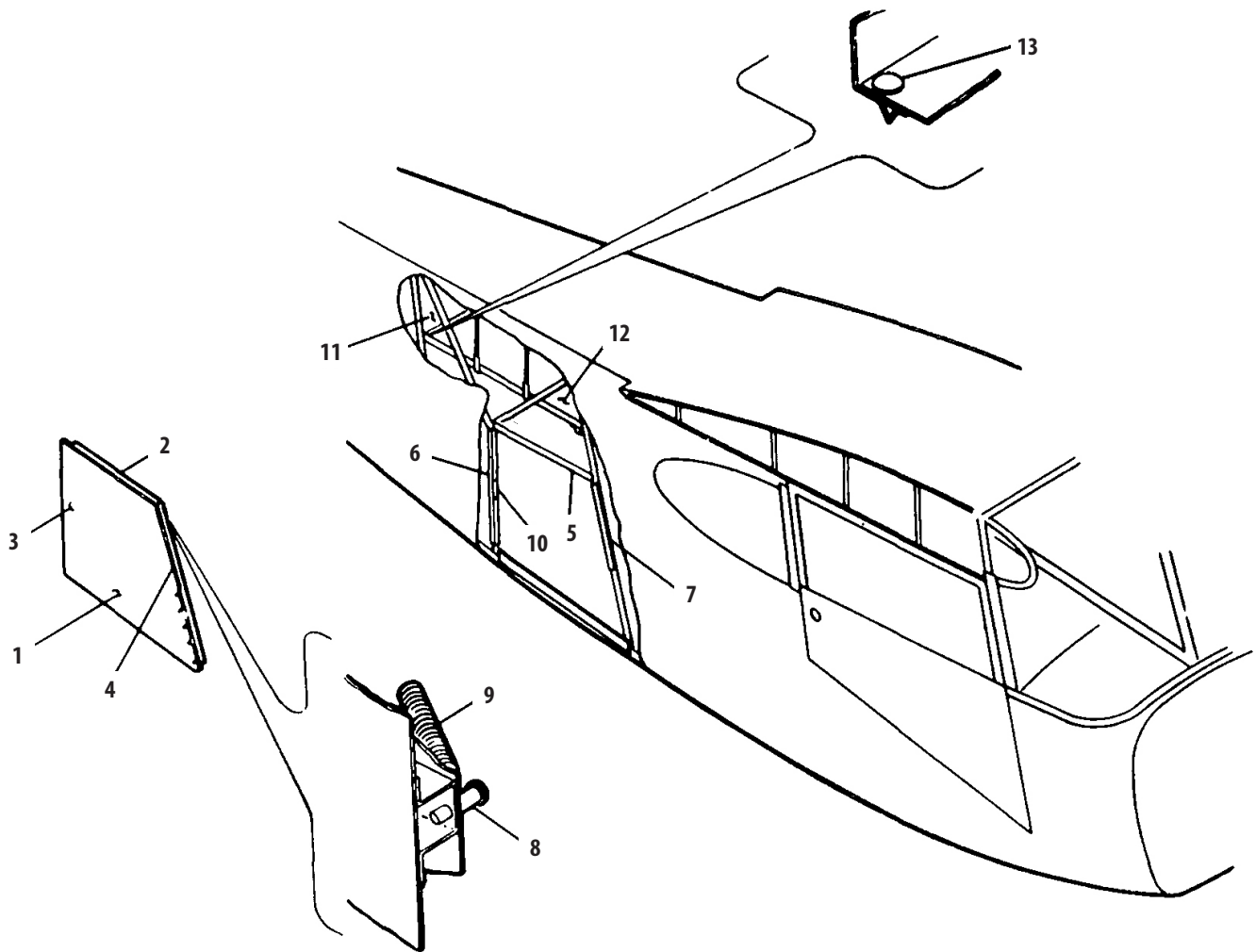


Figure 17. Baggage Compartment Installation
(Serial Nos. 22-1 to 22-7642 inclusive)

BAGGAGE COMPARTMENT INSTALLATION
(Serial Nos. 22-1 to 22-7642 inclusive)

SECTION III
Cockpit Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
17-	13927		DRAWING – Baggage Compartment Installation		22-807 and up
-1	13839-00		DOOR ASSEMBLY – Baggage	1	22-807 to 22-906 inclusive and 22-910
	13839-03		DOOR ASSEMBLY – Baggage	1	22-907, 22-908, 22-909, 22-911 and up
-2	13838-08		FRAME ASSEMBLY – Door	1	22-807 and up
-3	473-130		LOCK ASSEMBLY – (13014-00)	1	22-807 to 22-906 inclusive and 22-910
	752-301		LOCK ASSEMBLY – With keys	1	22-907, 22-908, 22-909, 22-911 to 22-3217 inclusive, and 22-3219 to 22-3386 inclusive
	14711-03		LOCK ASSEMBLY – With keys (14711-02 with 2 keys)	1	22-3218, 22-3387 and up
-4	19063-02	A	MOULDING – Rubber, door seal	7	22-807 and up
	13945-19		MOULDING – Rubber baggage door seal, front	2	22-1760 and up
-5	13866-00		CHANNEL – Trim, baggage compartment door, top	1	22-807 and up
-6	13867-00		CHANNEL – Trim, baggage compartment door, rear	1	22-807 and up
-7	13865-00		CHANNEL – Trim, baggage compartment door, front	1	22-807 and up
-8	U80012-004		BUSHING – Baggage compartment door spring installation	1	22-807 and up
-9	487-306		SPRING – Baggage compartment door installation	1	22-807 and up
-10	14171-00		PLATE – Latch, baggage compartment door striker	1	22-807 and up
-11	13889-00		PANEL – Hat shelf, rear	1	22-807 to 22-1759 inclusive
	13889-04		PANEL – Hat shelf, rear	1	22-1760 to 22-5138 inclusive and 22-5140 to 22-5602 inclusive
	13889-08	B	PANEL – Hat shelf, rear	1	
	13889-12	C	PANEL – Hat shelf, rear	1	
-12	13886-00		SHELF ASSEMBLY – Hat baggage compartment	1	22-807 and up
-13	454-917		CLIP – Wire, hat shelf installation (No. 1-LC)	10	22-807 and up
<p>A – 5-1/2' used on 1954 Model.</p> <p>B – Used on PA-22 with serial numbers 22-5139, 22-5603 to 22-6784 inclusive, 22-6786 to 22-6857 inclusive, and 22-6859 to 22-6979 inclusive.</p> <p>C – Used on PA-22 with serial numbers 22-6785, 22-6858, 22-6980 and up.</p>					

PA-22 TRI-PACER PARTS CATALOG

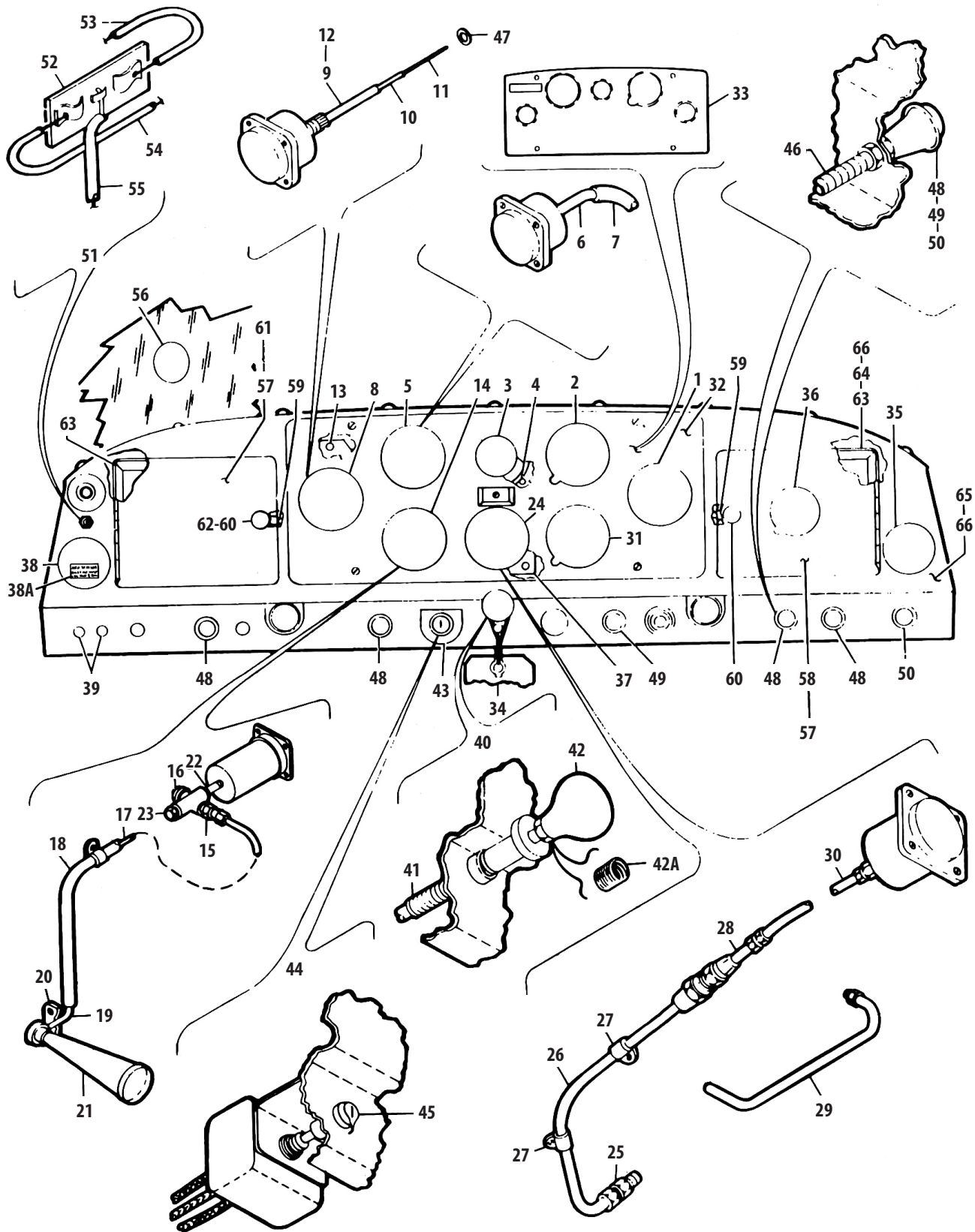


Figure 18. Instrument Panel Installation
Standard and Primary
(Serial Nos. 22-1 to 22-7642 inclusive)

INSTRUMENT PANEL INSTALLATION
STANDARD AND PRIMARY
(Serial Nos. 22-1 to 22-7642 inclusive)

SECTION III
Cockpit Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
18-	12994		DRAWING – Instrument Panel Installation, “125”		22-1 to 22-353 inclusive
-1	450-680		INSTRUMENT – Oil temperature and pressure (PAC No. 13416-02) “125”, “135”, “150” and “160”	1	
-2	450-611		INSTRUMENT – Altimeter, standard (PAC No. 11343-00) “125”, “135”, “150” and “160”	1	
	450-694		INSTRUMENT – Altimeter, sensitive “125”, “135”, “150” and “160”	1	
-3	450-628	A	INSTRUMENT – Compass (No. C-2300)	1	
-4	11199-03	A	PLATE – Mounting, compass (used with No. C-2300 compass)	1	
-5	450-607		INSTRUMENT – Airspeed (PAC No. 11339-00)	1	22-1 to 22-533 inclusive
-6	13541-04		TUBE – Airspeed at instrument	1	
-7	83161-02		HOSE – Airspeed at instrument	1	
-8	450-642		INSTRUMENT – Tachometer, non-recording (PAC No. 11342-00) “125”	1	22-1 to 22-353 inclusive
	450-643	A	INSTRUMENT – Tachometer, recording (PAC No. 13621-00) (751-146) “125” and “135”	1	
-9	U1713-N340		SHAFT – Tachometer, with core, 34” (used with non-recording tachometer)	1	22-1 to 22-353 inclusive
-10	750-907		CASING ASSEMBLY	1	22-1 to 22-353 inclusive
-11	750-909		CORE ASSEMBLY	1	22-1 to 22-353 inclusive
-12	U1713-R325	B	SHAFT – Tachometer, recording 32-1/2” (used when recording tachometer is installed)	1	
-13	-12828-000		PLATE – Attachment, recording tachometer (not required with gyro installation)	1	22-1 to 22-353 inclusive
-14	450-658		INSTRUMENT – Indicator, turn and bank	1	
-15	460-685	A	CONNECTOR	1	
-16	-492-024	A	VALVE – Suction regulating	1	
-17	11987-21	A	TUBE ASSEMBLY – (To instrument)	1	
-18	U82371-065	A	HOSE – Connecting, at venturi	1	
-19	AN842-4	A	ELBOW – At venturi	1	
-20	-12876-000	A	PLATE – Venturi mounting	1	
-21	2INCH-VENTURI	A	VENTURI – 2”	1	
-22	3327X2	A	NIPPLE	1	
-23	3152X2	A	PLUG	1	
-24	751-118		INSTRUMENT – Gauge, manifold pressure	1	
-25	460-685		CONNECTOR – At manifold	1	
-26	-82332-026		TUBE ASSEMBLY – To manifold	1	
-27	-80032-053		CLAMP – Tube assembly, on engine	2	
-28	U15216-000		HOSE ASSEMBLY – Flexible connecting	1	

A – Used on PA-22 with serial numbers 22-1 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.

B – This part must be ordered from Service Spares Department, Piper Aircraft Corporation, Vero Beach, Florida.

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
18-29	11987-19		LINE ASSEMBLY – Primer, tee (rear of engine to left front cylinder, with four cylinder priming and when manifold pressure gauge is installed)	1	22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
-30	82332-32		TUBE ASSEMBLY – To gauge (used when gauge is equipped with male-attachment fitting)	1	
	82332-24		TUBE ASSEMBLY – To gauge (used when gauge is equipped with female attachment fitting)	1	22-1 to 22-806 inclusive
-31	450-659		INSTRUMENT – Indicator, rate of climb	1	
-32	12659-04		PANEL – Cover, instrument, primary, “125”	1	22-1 to 22-533 inclusive
-33	12659-05		PANEL – Cover, instrument (for standard instrument group) “125”	1	22-1 to 22-533 inclusive
-34	13286-00		TAG – Throttle cruise stop	1	22-42 and up
-35	450-655		INSTRUMENT – Ammeter	1	
-36	450-698		INSTRUMENT – Clock	1	
-37	-11199-000		PLATE – Cover, instrument panel (used when manifold pressure gauge is not installed with primary group)	1	
-38	3090-033		GAUGE – Fuel (panel unit)	1	22-1 to 22-3217 inclusive, 22-3219 to 22-3386 inclusive
	3090-033		GAUGE – Fuel (panel unit)	2	22-3218, 22-3387 and up
-38a	-15306-000		PLACARD – Fuel gauge	1	22-1 to 22-7642 inclusive
-39	454-917		CLIP – Radio phone and mike jack hole cover (when radio is not installed) (No. 1-LC)	3	
-40	U455-139-004		CONTROL – Throttle assembly	1	22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
-41	U455-139-000		CONTROL ASSEMBLY – Less knob	1	
-42	U10911-000		KNOB ASSEMBLY – Black	1	22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive, 22-1760 and up
-42a	U11789-000		BUSHING – Insert throttle knob (used with black knob)	1	22-1760 and up
-43	10373-03		PLACARD – Ignition switch	1	22-1 to 22-906 inclusive and 22-910
-44	750-888		SWITCH ASSEMBLY – Ignition, with keys and wires, less terminals	1	22-1 to 22-906 inclusive and 22-910
-45	487-782		SWITCH – Ignition, with keys, less wires and terminals	1	22-1 to 22-906 inclusive and 22-910
-46	U16775-000		CABLE ASSEMBLY – (1) carburetor heat; (1) mixture control; (1) cabin heat (less knob)	3	
	U16775-000		CABLE ASSEMBLY – Cold air inlet control (less knob)	1	
	U16775-000		CABLE ASSEMBLY – Parking brake control (less knob)	1	
-47	U85012-014		WASHER – Felt tachometer shaft (494-005)	1	
-48	-471-052		KNOB – (No. 3004-SM) (1) carburetor heat; (2) cabin heat; (1) parking brake	4	22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
-49	-471-053		KNOB – Mixture control, pastel red (No. 3004-SM)	1	
-50	-471-052		KNOB – Cold air inlet control	1	22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive

INSTRUMENT PANEL INSTALLATION
 STANDARD AND PRIMARY
 (Serial Nos. 22-1 to 22-7642 inclusive)

SECTION III
 Cockpit Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
18-51	13025-00	A	SWITCH ASSEMBLY – Fuel gauge, with wires	1	
-52	AN3021-3	A	SWITCH – Fuel gauge, less wires	1	
-53	12177-30	A	WIRE ASSEMBLY – To fuel tank unit	1	
-54	10128-84	A	WIRE ASSEMBLY – To fuel tank unit	1	
-55	12177-79	A	WIRE ASSEMBLY – To gauge	1	
-56	450-662		INSTRUMENT – Air temperature (No. 751 145)	1	
-57	13155-00		DOOR – Glove compartment, left (used when two-unit Bendix Radio, PAR-70A and PAT-50A is installed)	1	22-1 to 22-353 inclusive
	12979-00		DOOR – Glove compartment (left and right when radio is not installed and right side only when Lear, Narco or Bendix PATR-10A Radio is installed) NOTE: See instrument panel assemblies for 1950 Model.	2	22-1 to 22-806 inclusive
-58	13156-00		DOOR – Glove compartment, right (used when two-unit Bendix Radio, PAR-70A and PAT-50A is installed)	1	22-1 to 22-353 inclusive
-59	12985-00		CATCH – Door	1	22-1 to 22-806 inclusive
-60	-471-051		KNOB – Door (No. 3001-SD)	1	22-1 to 22-806 inclusive
-61	13485-00		DOOR – False, LH (when glove compartment is not installed)	1	22-1 to 22-353 inclusive
-62	-471-051		KNOB – Door (No. 3001-SD)	1	22-1 to 22-806 inclusive
-63	12980-00		BOX ASSEMBLY – Glove compartment (left and right when radio is not installed and right side only when Lear, Narco or Bendix PATR-10A Radio is installed)	2	22-1 to 22-806 inclusive
	12980-04		BOX ASSEMBLY – Radio mounting, left (used only with two-unit Bendix Radio, PAR-70A and PAT-50A)	1	22-1 to 22-353 inclusive
-64	13154-00		BOX ASSEMBLY – Radio mounting, right (used only with two-unit Bendix Radio, PAR-70A and PAT-50A)	1	22-1 to 22-353 inclusive
-65	13335-03		PANEL ASSEMBLY – Instrument (used when radio is not installed and with one glove compartment box, also when Lear or Narco Radio is installed)	1	22-1 to 22-806 inclusive
-66	12978-03		PANEL ASSEMBLY – Instrument (used when radio is not installed and with two glove compartment boxes, also when Bendix PATR-10A single unit and Bendix two-unit, PAR-70A and PAT-50A is installed)	1	22-1 to 22-353 inclusive
			A – Used on PA-22 with serial numbers 22-1 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.		

PA-22 TRI-PACER PARTS CATALOG

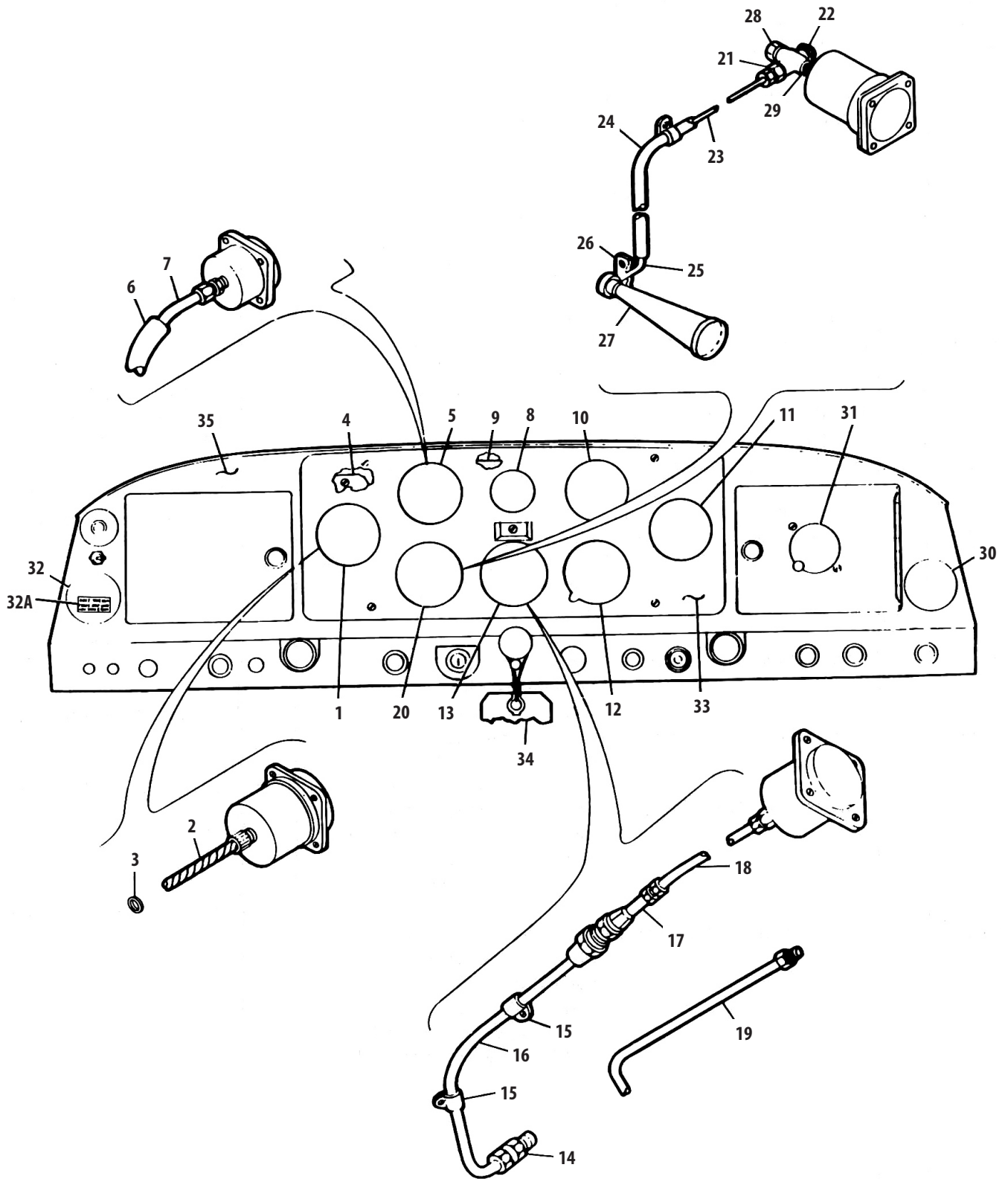


Figure 19. Instrument Panel Installation
Standard and Primary

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
19-	13797		DRAWING – Instrument Panel Installation, Standard (for use with panel 13785-03)		22-635, 22-637, 22-640, 22-642, 22-644, 22-647, 22-648, 22-654, 22-657, 22-659 and up
	13798		DRAWING – Instrument Panel Installation, Primary (for use with panel 13785-03)		22-635, 22-637, 22-640, 22-642, 22-644, 22-647, 22-648, 22-654, 22-657, 22-659 and up
	13626		DRAWING – Instrument Panel Installation, Standard (for use with panel 13602-03)		22-354 to 22-806 inclusive
	13642		DRAWING – Instrument Panel Installation, Primary (for use with panel 13602-03)		22-354 to 22-806 inclusive
	13489		DRAWING – Instrument Panel Installation, Standard and Primary (for use with panel 13335-03)		22-354 to 22-806 inclusive
	14708		DRAWING – Instrument Panel Installation		22-3218, 22-3387 to 22-7642 inclusive
	15120		DRAWING – Instrument Panel Installation		22-8000 and up
-1	450-643	A	INSTRUMENT – Tachometer, recording (PAC No. 13621-00) (751-146) “125”, “135” and “108”	1	
	450-646		INSTRUMENT – Tachometer, recording (PAC No. 13621-04) “150” and “160”	1	22-2378, 22-2425 and up
-2	U1713-R325	B	SHAFT – Tachometer, recording, 32-1/2 inch	1	
-3	85012-14		WASHER – Felt, tachometer shaft (494-005)	1	
-4	-12828-000		PLATE – Adapter (for use with instrument panel 13335-03 when installing recording tachometer or AN size combination oil temperature and pressure gauge)	AR	22-1 to 22-806 inclusive
-5	450-607		INSTRUMENT – Airspeed (PAC No. 11339-00) “125”	1	22-1 to 22-533 inclusive
	450-686		INSTRUMENT – Airspeed (PAC No. 11339-05) “135”	1	22-534 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	450-718		INSTRUMENT – Airspeed indicator (PAC No. 11339-13) “150” and “160”	1	22-2378, 22-2425 to 22-7642 inclusive
	11339-16		INSTRUMENT – Airspeed indicator (450-761) “108”	1	22-8000 and up
	450-761		INSTRUMENT – Airspeed indicator (11339-16) “108”	1	22-8000 and up
-6	-83161-002		HOSE – Airspeed indicator (11339-16) “108”	2	
-7	-13541-004		TUBE – Airspeed, at instrument (2 per ship Model “135”, “150” and “160”	2	
-8	C-2300	A	INSTRUMENT – Compass	1	
-9	11199-03	A	PLATE – Compass mounting (used when installing 450-628, No. C-2300, compass panels 13335-03 and 13785-03)	1	
			A – Used on PA-22 with serial numbers 22-1 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.		
			B – This part <u>must</u> be ordered from Service Spares Department, Piper Aircraft Corporation, <u>Vero Beach, Florida</u> .		

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
19-10	450-694 450-611		INSTRUMENT – Altimeter, sensitive, “125”, “135”, “150” and “160” INSTRUMENT – Altimeter, standard (PAC No. 11343-00) “125”, “135”, “150”, “160” and “108”	1	
-11	450-680		INSTRUMENT – Gauge, oil temperature and pressure (PAC No. 13416-02) “125”, “135”, “150”, “160” and “108”	1	
-12	450-659	B	INSTRUMENT – Indicator, rate of climb	1	
-13	751-118	B	INSTRUMENT – Gauge, manifold pressure	1	
-14	460-685	B	CONNECTOR – At manifold (W/H 200 x 4)	1	
-15	454-929	B	CLAMP – Tube assembly, on engine	2	
-16	-82332-026	B	TUBE ASSEMBLY – To manifold	1	
-17	U15216-000	B	HOSE ASSEMBLY – Flexible connecting	1	
-18	82332-32	B	TUBE ASSEMBLY – To gauge (used when gauge is equipped with male attachment fitting)	1	
	82332-24	B	TUBE ASSEMBLY – To gauge (used when gauge is equipped with female attachment fitting)	1	22-1 to 22-806 inclusive
-19	11987-19		LINE ASSEMBLY – Primer, tee (rear of engine) to left front cylinder, with four cylinder priming and when manifold pressure gauge is installed	1	22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	10143-93	B	LINE ASSEMBLY – Primer, tee at left rear side of engine to left front cylinder (used when manifold pressure gauge is installed)	1	22-2378, 22-2425 and up
-20	450-658	B	INSTRUMENT – Indicator, turn and bank	1	
-21	460-685	AB	CONNECTOR – (W/H 200 x 4)	1	
-22	-492-024	AB	VALVE – Suction regulating	1	
	-14205-000	C	VALVE – Suction regulating	1	22-8000 and up
-23	11987-21	AB	TUBE ASSEMBLY – To instrument	1	
-24	U82371-065	AC	HOSE – Connecting, at venturi	1	
-25	AN842-4	AC	ELBOW – At venturi	1	
-26	-12876-000	AC	PLATE – Venturi mounting	1	
-27	2INCH-VENTURI	AB	VENTURI – 2 inch	1	
	2INCH-VENTURI	C	VENTURI – 2 inch	1	
-28	3152X2	AB	PLUG	1	
-29	3327X2	AB	NIPPLE	1	
-30	450-655		INSTRUMENT – Ammeter	1	22-1 to 22-7642 inclusive
	450-652		INSTRUMENT – Ammeter	1	22-8000 and up
-31	450-706	B	INSTRUMENT – Clock	1	22-8000 and up
-32	3090-033	D	GAUGE – Fuel (panel unit)	1	22-1 to 22-3217 inclusive, 22-3219 to 22-3386 inclusive
	3090-033		GAUGE – Fuel (panel unit)	2	22-3218, 22-3387 and up
	450-760	C	GAUGE – Fuel (panel unit) main tank	1	22-8000 and up
-32a	-15306-000		PLACARD – Fuel gauge	1	22-1 to 22-7642 inclusive
			A – Used on PA-22 with serial numbers 22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive. B – Not used on PA-22-108. C – Used on PA-22-108. D – Used for PA-22-108 right wing fuel tank when auxiliary fuel system is installed.		

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
19-33	12659-04		PANEL – Cover, primary (8 holes) (for use with instrument panel 13335-03)	1	22-1 to 22-806 inclusive
-34	13286-00		TAG – Throttle cruise stop	1	22-42 and up
-35	13335-03		PANEL ASSEMBLY – Instrument NOTE: This panel will accommodate the large oil temperature and pressure gauge and tachometer, sizes of these holes are 3.547 diameter, and this panel has eight instrument holes.	1	22-1 to 22-806 inclusive

PA-22 TRI-PACER PARTS CATALOG

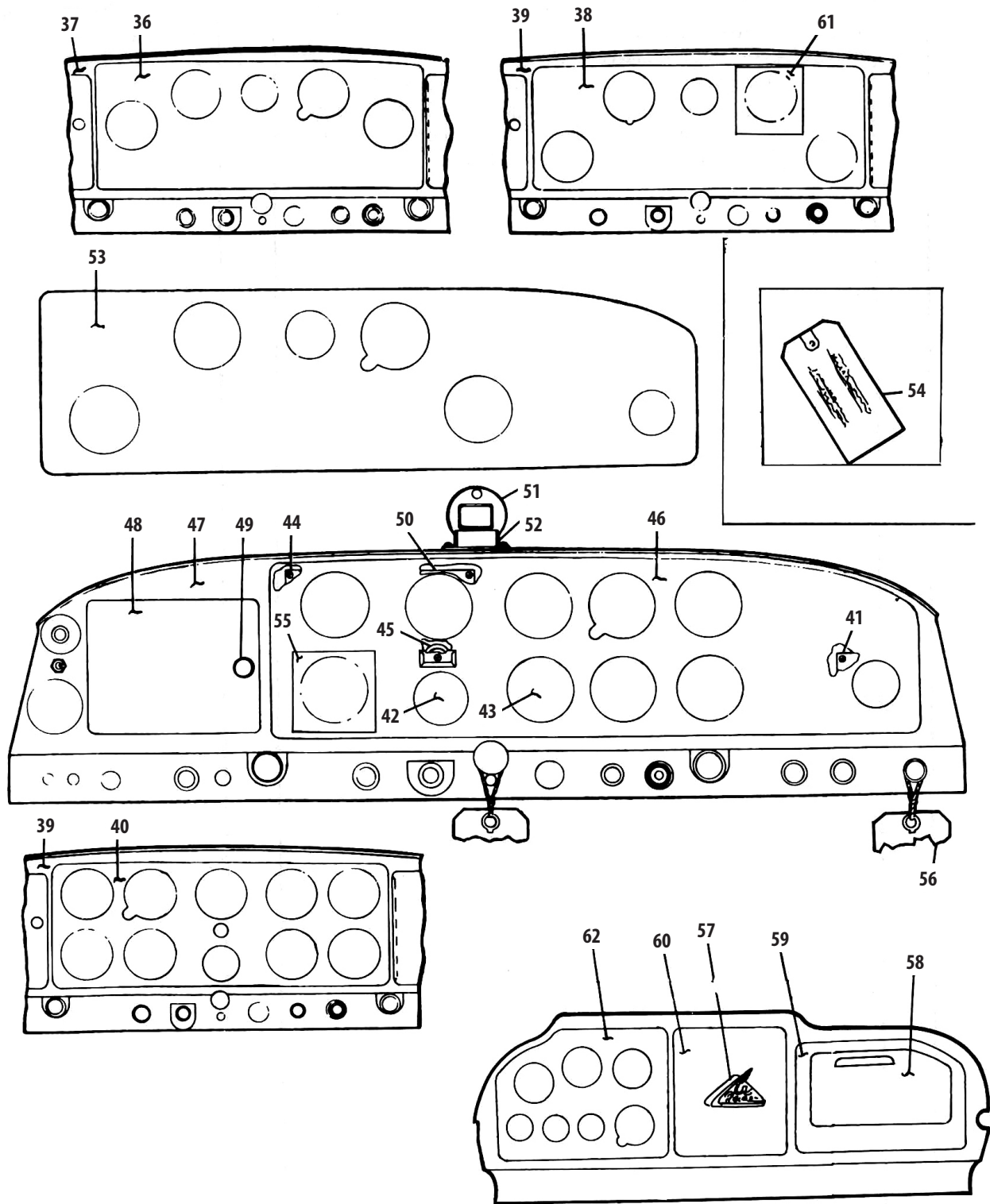


Figure 20. Instrument Panel Installation
Standard and Primary

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
20-36	12659-05		PANEL – Cover, standard (5 holes) (for use with instrument panel 13335-03)	1	22-1 to 22-806 inclusive
-37	13335-03		PANEL ASSEMBLY – Instrument NOTE: This panel will accommodate the large oil temperature and pressure gauge and tachometer, sizes of these holes are 3.547 diameter, and this panel has eight instrument holes.	1	22-1 to 22-806 inclusive
-38	13604-00		PANEL – Cover, standard (5 holes) (for use with instrument panel 13602-03)	1	22-354 to 22-806 inclusive
-39	13602-03		PANEL ASSEMBLY – Instrument NOTE: This panel will accommodate only the AN size oil temperature and pressure gauge and the recording tachometer and this panel has ten instrument holes	1	22-354 to 22-806 inclusive
-40	13605-00		PANEL – Cover, primary (10 holes) (for use with instrument panel 13602-03)	1	22-354 to 22-806 inclusive
-41	11199-04		PLATE – Mounting, ammeter	1	22-635 and up
-42	11203-00		PLATE – Cover, instrument hole (2-3/8 inch x 2-3/8 inch)	AR	
-43	-11199-000		PLATE – Cover, instrument hole (3-3/16 inch x 3-3/16 inch)	AR	
-44	13795-00	A	PLATE – Mounting, instrument NOTE: This plate is used for mounting two AN size instruments at left side of panel.	1	
-45	85012-82	A	WASHER – Mounting, compass deviation card holder (primary group)	1	
-46	13793-00	A	PANEL – Cover, instrument, primary	1	
-47	13785-03		PANEL ASSEMBLY – Instrument, standard and primary	1	
	14652-00		PANEL ASSEMBLY – Main	1	22-3218, 22-3387 to 22-7642 inclusive
	14652-05		PANEL ASSEMBLY – Main	1	22-8000 and up
-48	13485-04		DOOR – False, left (when radio is not installed)	1	22-354 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive
-49	-471-051	B	KNOB – Door (No. 3001-SD)	1	
	U471-059	C	KNOB – (No. 3001-SD – black)	1	
-50	11199-05	A	PLATE – Trim (used when installing 450 628, No. C-2300, compass in primary group)	1	
-51	450-630		INSTRUMENT – Compass, pedestal type (6 volt)	1	22-3218, 22-3387 to 22-5442 inclusive, 22-5444 to 22-5470 inclusive and 22-5556 to 22-5598 inclusive
	14919-00		INSTRUMENT – Compass, pedestal type (12 volt)	1	22-5443, 22-5471 to 22-5555 inclusive, 22-5599 and up
-52	14040-00		PLATE – Mounting compass (when mounting No. C-2300 compass on top of panel)	1	22-807 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive
-53	13792-00	A	PANEL – Cover, instrument, standard	1	
-54	14090-00		TAG – Winterization, on instrument panel	1	22-1 to 22-7642 inclusive
			A – Used on PA-22 with serial numbers 22-635, 22-637, 22-640, 22-642, 22-644, 22-647, 22-648, 22-654, 22-657, 22-659 to 22-3386 inclusive.		
			B – Used on PA-22 with serial numbers 22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive.		
			C – Used on PA-22 with serial numbers 22-2378, 22-2425 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.		

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
20-55	14672-00	B	PLATE – Mounting, standard panel, left fuel gauge	1	
-56	14078-00	B	TAG – Cabin vent	1	
-57	14471-03		MEDALLION – Tri-Pacer“150”, instrument panel (474-324)	1	22-3218, 22-3387 to 22-5138 inclusive and 22-5140 to 22-5602 inclusive
	19397-04		MEDALLION – Tri-Pacer	1	22-5139, 22-5603 to 22-7642 inclusive
-58	14661-00		DOOR ASSEMBLY – Glove compartment	1	
	14667-00		COMPARTMENT ASSEMBLY – Glove	1	
-59	14750-00		FRAME – Door, glove compartment	1	22-3218, 22-3387 to 22-7642 inclusive
	15154-00		PANEL – Cover, blank, RH	1	22-8000 and up
-60	14677-00	B	PANEL ASSEMBLY – Radio opening (used only when radio is not installed)	1	
-61	14741-00	B	PLATE – Mounting oil temperature and pressure gauge	1	
-62	14683-00		PANEL – Cover, instrument, standard, LH	1	22-3218, 22-3387 to 22-7642 inclusive
	14683-03		PANEL – Cover, instrument, standard, LH	1	22-8000 and up
	14683-06	A	PANEL – Cover, instrument, standard, LH	1	22-8000 and up
			A – Used on PA-22-108 only when sensitive altimeter is installed.		
			B – Used on PA-22 with serial numbers 22-3218, 22-3387 and up.		

PA-22 TRI-PACER PARTS CATALOG

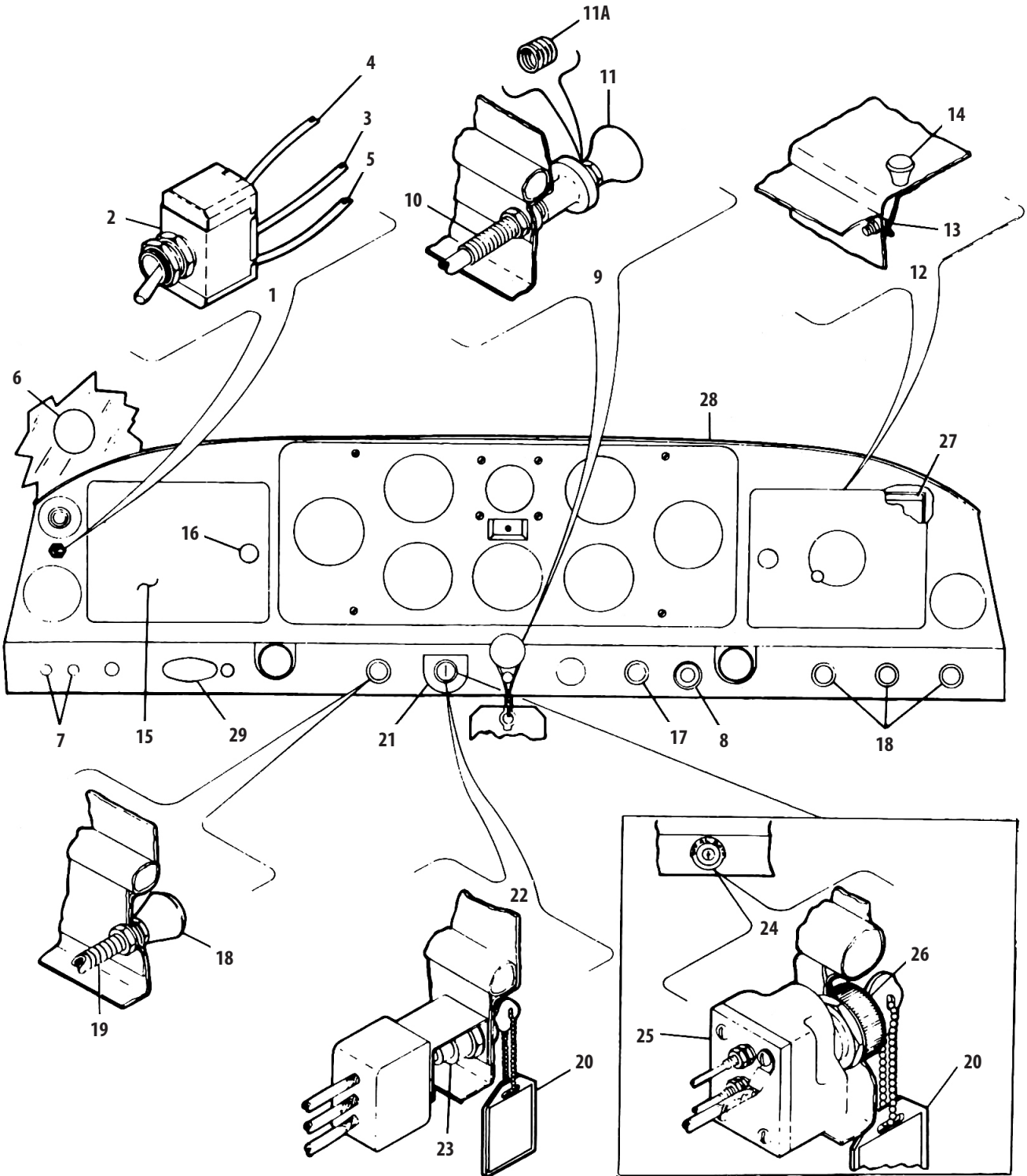


Figure 21. Instrument Panel Installation
Standard and Primary

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
21-1	13025-00	A	SWITCH ASSEMBLY – Fuel gauge, with wires	1	
-2	487-796	A	SWITCH – Fuel gauge, less wires	1	
-3	12177-79	A	WIRE ASSEMBLY – To gauge	1	
-4	12177-30	A	WIRE ASSEMBLY – To fuel tank unit	1	
-5	10128-84	A	WIRE ASSEMBLY – To fuel tank unit	1	
-6	450-662	D	INSTRUMENT – Gauge, air temperature (751-145)	1	
-7	454-917		CLIP – Radio phone and mike jack hole cover (No. 1-LC) (when radio is not installed)	2	
-8	472-668	D	LIGHTER – Cigarette (No. L-37)	1	
-9	U455-139-004	B	CONTROL – Throttle assembly	1	
	U455-139-004		CONTROL ASSEMBLY – Throttle	1	22-2378, 22-2425 and up
-10	U455-139-000		CONTROL ASSEMBLY – Less knob	1	
-11	-471-056		KNOB ASSEMBLY – Red	1	
	U10911-000		KNOB ASSEMBLY – Black	1	
-11a	U11789-000		BUSHING – Insert	1	22-2378, 22-2425 and up
-12	12979-00		DOOR ASSEMBLY – Glove compartment, right	1	22-1 to 22-806 inclusive
-13	12985-00		CATCH – Door	1	22-1 to 22-806 inclusive
-14	-471-051		KNOB – Door (No. 3001-SD) ivory	1	22-1 to 22-806 inclusive
-15	13485-04		DOOR – False, left (when radio is not installed)	1	22-354 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
-16	-471-051	B	KNOB – Door (No. 3001-SD) ivory	1	
-17	-471-053		KNOB – Mixture control, pastel red (No. 3004-SM)	1	
-18	-471-052	B	KNOB – (No. 3004-SM) ivory	5	
		B	Carburetor heat control		
		B	Cabin heat control, front seat		
		B	Cabin heat control, rear seat		
		B	Parking brake control		
		B	Cold air inlet control		
	-471-060		KNOB – (No. 3004-SM) black	5	22-2378, 22-2425 and up
			Carburetor heat control		
			Cabin heat control, front seat		
		C	Cabin heat control, rear seat		
			Cold air inlet control		
			Cabin vent		
-19	U16775-000		CABLE ASSEMBLY – Cold air inlet	1	
	U16775-000		CABLE ASSEMBLY	3	
			(1) Carburetor heat		
			(1) Mixture control		
			(1) Cabin heat		
	U16775-000		CABLE ASSEMBLY – Parking brake control	1	
	U16775-000		CABLE ASSEMBLY – Cabin heat (when rear seat heater is installed)	1	22-354 and up

A – Used on PA-22 with serial numbers 22-1 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.
 B – Used on PA-22 with serial numbers 22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive.
 C – Not used on PA-22-108.
 D – Optional equipment on 22-108.

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
21-20	230-043		KEY CHAIN – With card and holder	1	22-807 to 22-4459 inclusive
-21	10373-03		PLACARD – Ignition switch	1	22-1 to 22-906 inclusive and 22-910
	752-697	A	PLACARD – Ignition switch	1	
	481-054	D	PLACARD – Ignition switch	1	
-22	750-888		SWITCH ASSEMBLY – Ignition, with keys and wires, less terminals	1	22-1 to 22-906 inclusive and 22-910
-23	487-782		SWITCH – Ignition, with keys, less wires and terminals	1	22-1 to 22-906 inclusive and 22-910
-24	14049-02		SWITCH ASSEMBLY – Ignition (with two keys and wires, less terminals)	1	22-907, 22-908, 22-909, 22-911 to 22-2265 inclusive
	14314-02		SWITCH ASSEMBLY – Ignition (with two keys, wires and terminals)	1	22-2266 to 22-7630, 22-9523 and up
-25	752-892	B	SWITCH – Ignition (with two keys less wires)	1	22-9523 and up
	756-115		SWITCH – Ignition (with two keys less wires)	1	22-8000 to 22-9522 inclusive
-26	752-302	B	LOCK – Ignition (with two keys) (No. 10-81307)	1	22-9523 and up
	752-328		LOCK – Ignition (with two keys)	1	22-8000 to 22-9522 inclusive
-27	12980-00		BOX ASSEMBLY – Glove compartment	1	22-1 to 22-806 inclusive
-28	13436-00	C	BEADING – Top of instrument panel (brown)	1	
	13436-02		BEADING – Top of instrument panel (green)	1	22-807 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
-29	-471-060		KNOB – Black, parking brake	1	22-2378, 22-2425 to 22-5138 inclusive and 22-5140 to 22-5602 inclusive
	471-062		HANDLE – Tee, parking brake <u>OR</u>	1	22-5139, 22-5603 and up
	471-080		KNOB – Chrome, parking brake	1	22-8000 and up
			A – Used on PA-22 with serial numbers 22-907, 22-908, 22-909, 22-911 and up.		
			B – Used on PA-22 with serial numbers 22-907, 22-908, 22-909, 22-911 to 22-7642 inclusive.		
			C – Used on PA-22 with serial numbers 22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive.		
			D – Used on ignition switch No. 756-115.		

PA-22 TRI-PACER PARTS CATALOG

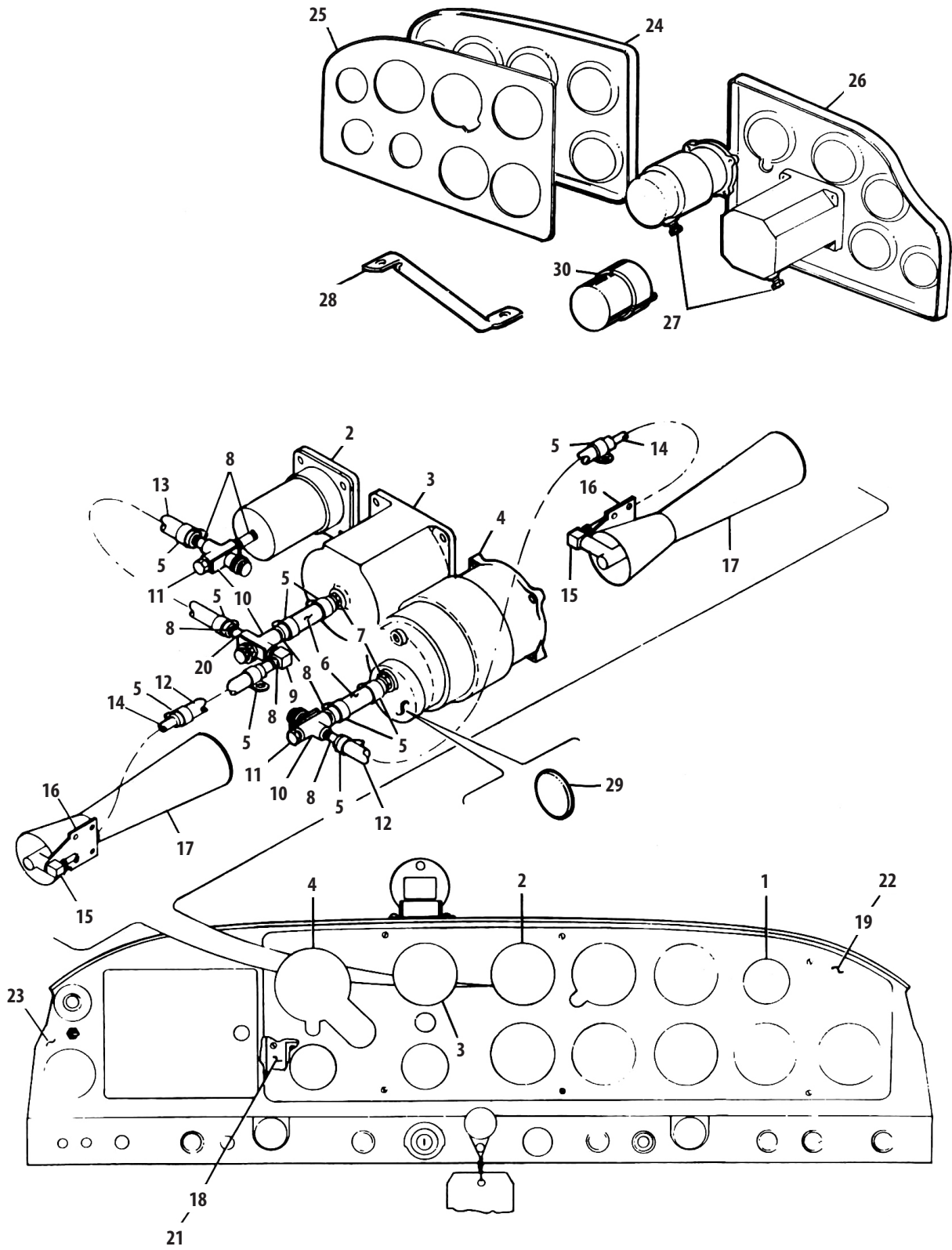


Figure 22. Instrument Panel Installation
Directional Gyro and Gyro Horizon

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
22-	13682	A	DRAWING – Directional Gyro and Gyro Horizon Instrument Panel Installation		
	13799	B	DRAWING – Directional Gyro and Gyro Horizon Instrument Panel Installation		
	14709		DRAWING – Directional Gyro and Gyro Horizon Instrument Panel Installation		22-3218, 22-3387 to 22-7642 inclusive
	15122		DRAWING – Directional Gyro and Gyro Horizon Instrument Panel Installation		22-8000 and up
-1	450-655		INSTRUMENT – Ammeter	1	
-2	450-658		INSTRUMENT – Indicator, turn and bank	1	
-3	450-635		INSTRUMENT – Directional gyro	1	
-4	450-634		INSTRUMENT – Gyro, horizon	1	22-354 and up
-5	-454-903	C	CLAMP – Hose, 5/8”	10	
-6	82371-15	C	HOSE – Valve to gyro	2	
-7	AN840-6D	C	ADAPTER – Gyro to hose	2	
-8	3327X2	C	NIPPLE	7	
-9	3400X2	C	ELBOW	1	
-10	-492-024	C	VALVE – Suction regulating	3	
-11	3152X2	C	PLUG – Suction valve	2	
-12	U82371-010	C	HOSE – Connecting, valve to venturi	2	
-13	-82371-022	C	HOSE – Connecting, turn and bank valve to directional gyro valve	1	
-14	11987-51	C	LINE ASSEMBLY – Venturi to suction regulating valve	2	
-15	460-654	C	ELBOW – Venturi to line (W/H 400 x 6)	2	
-16	13160-00	C	PLATE – Venturi mounting	2	
-17	4INCH-VENTURI	C	VENTURI – 4”	2	
-18	13794-00	B	PLATE – Mounting, gyro horizon	1	
-19	13640-02	B	PANEL – Cover, instrument (used when gyro horizon is equipped with caging knob)	1	
	13640-00	A	PANEL – Cover, instrument, gyro horizon	1	
	13640-03		PANEL – Cover, instrument (used when gyro horizon is not equipped with caging knob)	1	22-807 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive
-20	3152X2	C	PLUG – Suction valve (used when directional gyro only is installed)	1	
-21	13795-00	B	PLATE – Mounting (will accommodate (2) two “AN” size instruments) (used when gyro horizon is not installed)	1	
-22	13793-00	B	PANEL – Cover (when gyro horizon is not installed)	1	
			A – Used on PA-22 with serial numbers 22-354 to 22-634 inclusive, 22-636, 22-638, 22-639, 22-641, 22-643, 22-645, 22-646, 22-649, 22-650, 22-651, 22-652, 22-653, 22-655, 22-656 and 22-658,		
			B – Used on PA-22 with serial numbers 22-635, 22-637, 22-640, 22-642, 22-644, 22-647, 22-648, 22-654, 22-657, 22-659 to 22-3386 inclusive.		
			C – Not used when vacuum pump is installed. Used on PA-22 with serial numbers 22-1 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.		

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
22-23	13785-03	B	PANEL ASSEMBLY – Instrument	1	
	13639-03	A	PANEL ASSEMBLY – Instrument	1	
-24	14658-00		PANEL – Cover instrument, gyro installation, RH	1	22-3218, 22-3387 to 22-7642 inclusive
	14658-03		PANEL – Cover instrument, gyro installation, RH	1	22-8000 and up
-25	14656-00		PANEL – Mounting, instrument, gyro installation, RH	1	22-3218, 22-3387 to 22-7642 inclusive
	14656-03		PANEL – Mounting, instrument, gyro installation, RH	1	22-8000 and up
-26	14678-00		PANEL – Cover instrument, gyro installation, LH	1	22-3218, 22-3387 to 22-7642 inclusive
	14678-03		PANEL – Cover instrument, gyro installation, LH	1	22-8000 and up
-27	24712-00		PLUG – Directional gyro and gyro horizon	4	
-28	14504-00		TUBE – Brace, compass support	1	22-2378, 22-2425 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive
-29	755-824		PAD – Standard instrument filter (2 per instrument)	AR	
-30	450-750		INSTRUMENT – Indicator, rate of climb	1	
<p>A – Used on PA-22 with serial numbers 22-354 to 22-634 inclusive, 22-636, 22-638, 22-639, 22-641, 22-643, 22-645, 22-646, 22-649, 22-650, 22-651, 22-652, 22-653, 22-655, 22-656 and 22-658.</p> <p>B – Used on PA-22 with serial numbers 22-635, 22-637, 22-640, 22-642, 22-644, 22-647, 22-648, 22-654, 22-657, 22-659 to 22-3386 inclusive.</p>					

PA-22 TRI-PACER PARTS CATALOG

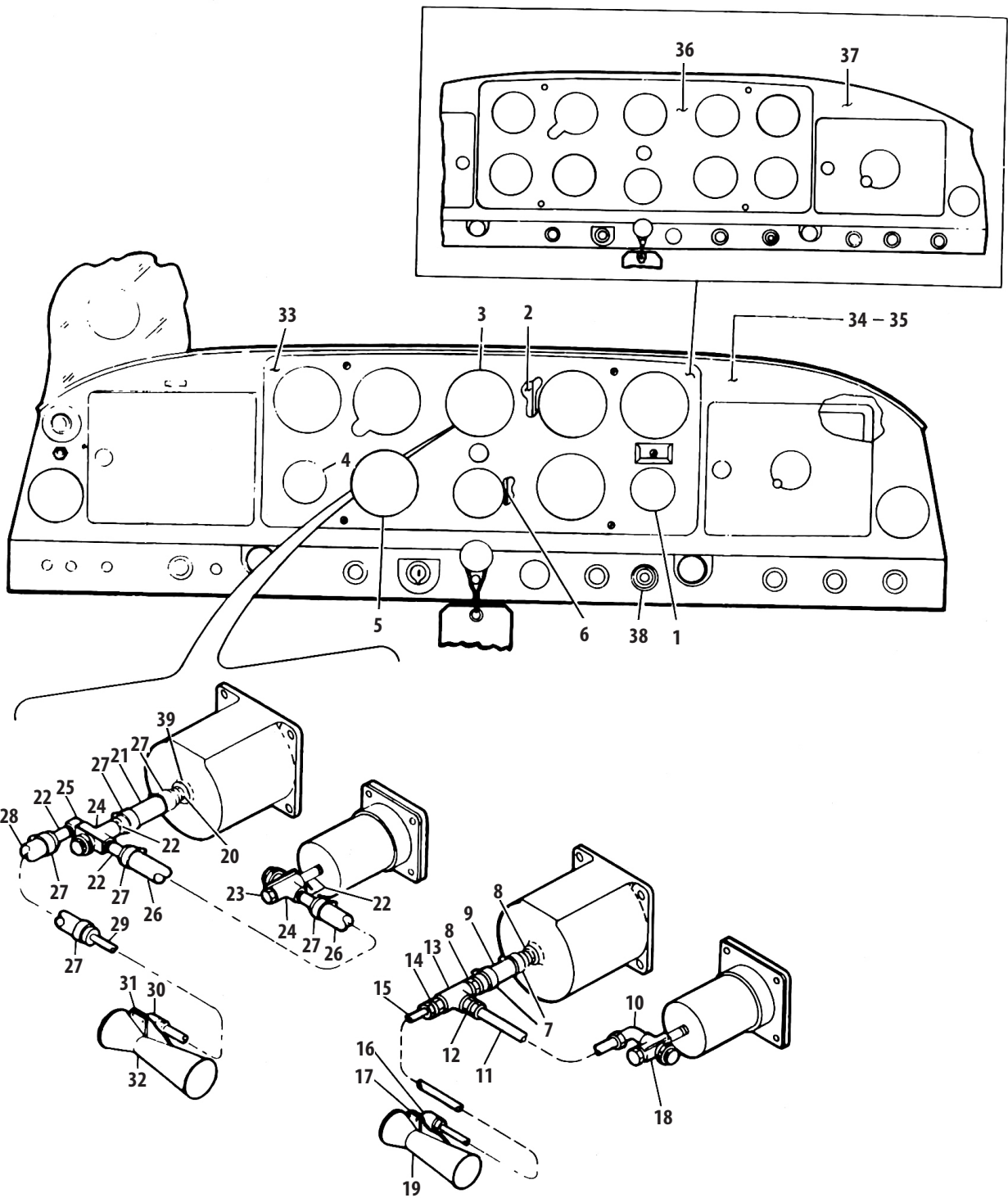


Figure 23. Instrument Panel Installation
 Directional Gyro
 (Serial Nos. 22-1 to 22-7642 inclusive)

INSTRUMENT PANEL INSTALLATION
DIRECTIONAL GYRO
(Serial Nos. 22-1 to 22-7642 inclusive)

SECTION III
Cockpit Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
23-	13642		DRAWING – Directional Gyro Instrument Panel Installation (Used with Panel 13602-03)		22-354 to 22-806 inclusive
	13490		DRAWING – Directional Gyro Instrument Panel Installation (Used with Panel 13360-03)		22-354 to 22-806 inclusive
	13170		DRAWING – Gyro Instrument Panel Installation		22-1 to 22-353 inclusive
-1	751-828		INSTRUMENT – Gauge, oil temperature	1	22-1 to 22-806 inclusive
-2	13175-00		PLATE – Mounting, directional gyro	1	22-1 to 22-806 inclusive
-3	450-635		INSTRUMENT – Indicator, directional gyro	1	
-4	751-827		INSTRUMENT – Oil pressure gauge	1	22-1 to 22-806 inclusive
-5	450-658		INSTRUMENT – Indicator, turn and bank	1	
-6	11203-00		PLATE – Cover, instrument hole (2-3/8" x 2-3/8")	1	
-7	454-904	AB	CLAMP – Hose at gyro and hose connection, 3/4"	2	
-8	AN840-6D	AC	ADAPTER – Gyro and hose connection (AN840-6D)	2	
-9	82371-14	AB	HOSE ASSEMBLY – Directional gyro to tee	1	
-10	460-677	AB	ELBOW – At turn and bank indicator and tube connection (W/H 400 x 4)	1	
-11	11987-35	AB	TUBE ASSEMBLY – Turn and bank indicator to tee	1	
-12	234X4	AB	CONNECTOR – Inverted male, turn and bank connection at tee	1	
-13	3700X4	AB	TEE – Directional gyro and turn and bank indicator connection	1	
-14	200X6	AB	CONNECTOR – Inverted male, venturi connection at tee	1	
-15	11987-33	AB	TUBE ASSEMBLY – Gyro to venturi	1	
-16	460-654	AC	ELBOW – At venturi and tube connection (W/H 400 x 6)	1	
-17	13160-00	AC	PLATE – Mounting, venturi	1	
-18	-492-024	AC	VALVE – Suction regulating	1	
-19	4INCH-VENTURI	AC	VENTURI – 4"	1	
-20	AN840-6D	CD	ADAPTER – Hose to gyro	1	
-21	82371-15	CD	HOSE – Valve to gyro	1	
-22	3327X2	CD	NIPPLE	5	
-23	3152X2	CD	PLUG – Suction valve	1	
-24	-492-024	CD	VALVE – Suction regulating	2	
-25	3400X2	CD	ELBOW	1	
-26	-82371-022	CD	HOSE – Connecting, between valves to turn and bank indicator	1	
-27	-454-903	CD	CLAMP – Hose, 5/8"	6	
<p>A – Directional gyro and turn and bank indicator installation when suction regulating valve is used for turn and bank indicator only (Venturi System).</p> <p>B – Used on PA-22 with serial numbers 22-1 to 22-353 inclusive.</p> <p>C – Used on PA-22 with serial numbers 22-1 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.</p> <p>D – Directional gyro and turn and bank indicator installation when one suction regulating valve is used for both turn and bank indicator and directional gyro and also when two suction regulating valves are used (Venturi System).</p>					

INSTRUMENT PANEL INSTALLATION
DIRECTIONAL GYRO
(Serial Nos. 22-1 to 22-7642 inclusive)

SECTION III
Cockpit Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
23-28	U82371-010	AB	HOSE – Connecting, valve to venturi line	1	
-29	11987-51	AB	LINE – Venturi to valve	1	
-30	402X6	AB	ELBOW – Venturi to line	1	
-31	13160-00	AB	PLATE – Mounting, venturi	1	
-32	4INCH-VENTURI	AB	VENTURI – 4"	1	
-33	13176-00		PANEL – Cover, gyro instrument	1	22-1 to 22-806 inclusive
-34	13169-03		PANEL ASSEMBLY – Instrument (used when radio is not installed and with two glove compartment boxes, or when Bendix PATR-10A single unit radio is installed or when Bendix two unit PAR-70A and PAT-50A radio is installed)	1	22-1 to 22-353 inclusive
-35	13360-03		PANEL ASSEMBLY – Instrument (used when radio is not installed and with one glove compartment box, or when Lear or Narco radio is installed)	1	22-1 to 22-806 inclusive
-36	13605-00		PANEL – Cover	1	22-354 to 22-806 inclusive
-37	13602-03		PANEL ASSEMBLY – Instrument (this panel is used when AN sized combination oil temperature and pressure gauge is installed)	1	22-354 to 22-806 inclusive
-38	472-668		LIGHTER – Cigarette (#L-37)	1	
-39	755-824		PAD – Standard instrument filter (2 per instrument)	AR	
<p>A – Directional gyro and turn and bank indicator installation when one suction regulating valve is used for both turn and bank indicator and directional gyro and also when two suction regulating valves are used (Venturi System).</p> <p>B – Used on PA-22 with serial numbers 22-1 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.</p>					

PA-22 TRI-PACER PARTS CATALOG

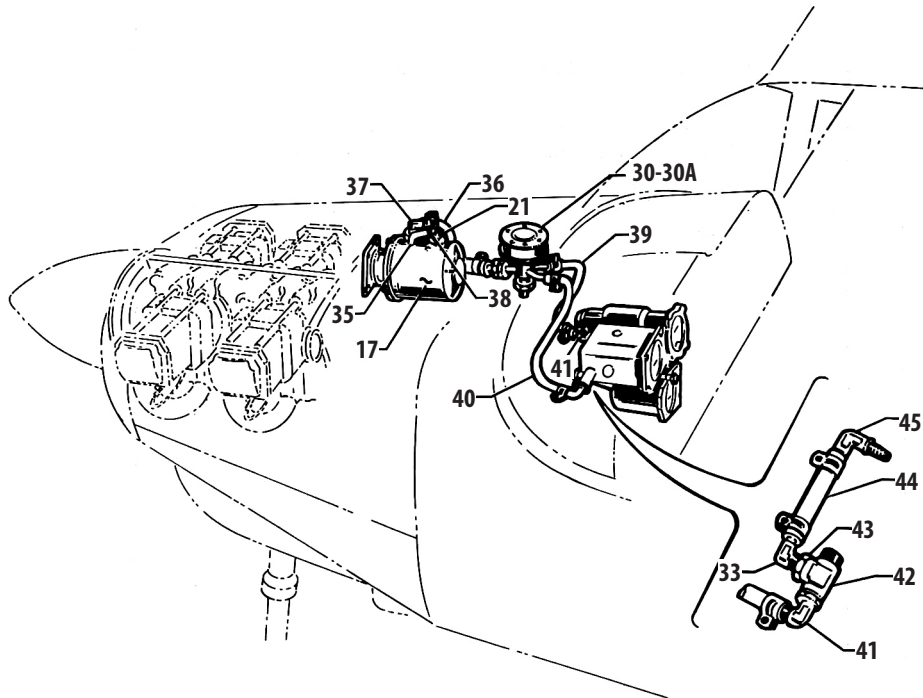
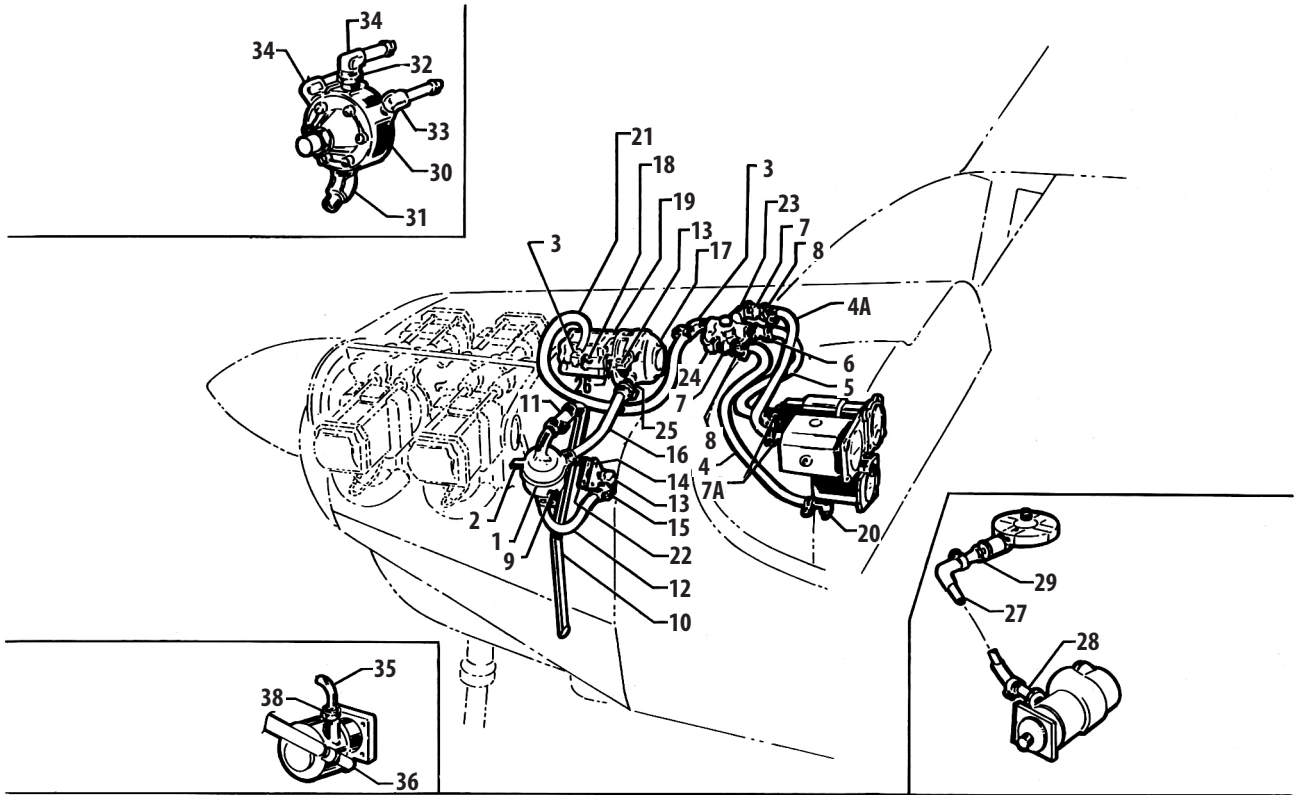


Figure 24. Vacuum Pump Installation

VACUUM PUMP INSTALLATION

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
24-	14747		DRAWING – Hartzell Propeller Installation with Vacuum Pump		22-3936 to 22-7642 inclusive
	14058		DRAWING – Vacuum Pump Installation		22-354 to 22-3935 inclusive
	14739		DRAWING – Vacuum Pump Installation		22-3936 to 22-7642 inclusive
	15163		DRAWING – Vacuum Pump Installation		22-8000 to 22-8709 inclusive
	15208		DRAWING – Vacuum Pump Installation		22-8710 and up
-1	18291-00		ROD – Oil separator attachment	1	22-354 to 22-7642 inclusive
-2	18293-00		ANGLE – Oil separator attachment	1	22-3936 to 22-7642 inclusive
	14500-00		ANGLE – Oil separator attachment	1	22-2425 to 22-3935 inclusive
-3	-14345-000		ELBOW	2	22-3936 to 22-7642 inclusive
	458-925	C	ELBOW	2	
-4	U82371-066		HOSE – (3/4" x 3/8" x 24")	2	
-4a	U82371-066		HOSE – (3/4" x 3/8" x 24")	1	22-354 to 22-7642 inclusive
	82371-57		HOSE	1	22-8000 to 22-8709 inclusive
-5	U82371-065	C	HOSE – (5/8" x 1/4" x 24-1/2")	1	22-3936 to 22-7642 inclusive
	61541-08		HOSE	1	22-8000 to 22-8709 inclusive
	U82371-006	D	HOSE – (5/8" x 1/4" x 6")	1	
-6	AN840-4D	C	ADAPTER	1	22-3936 to 22-7642 inclusive
	AN842-4	D	ELBOW	1	
-7	AN840-6D		ADAPTER	4	22-354 to 22-7642 inclusive
-7a	AN840-6D		ADAPTER	2	22-8000 to 22-8709 inclusive
-8	MS35489-11		GROMMET	3	22-8000 to 22-8709 inclusive
-9	486-380		SEPARATOR ASSEMBLY – Oil	1	22-354 to 22-7642 inclusive
-10	14730-00		LINE – Discharge (5/8" x .032" x 27-1/2")	1	
	14047-02		LINE – Discharge (5/8" x .032" x 36")	1	
	-14047-000		LINE – Discharge (1/2" x .035" x 38")	1	
-11	-455-149		HOSE – (29/32" x 5/8" x 2")	1	22-3936 to 22-7642 inclusive
	-82371-023	CD	HOSE – (27/32" x 1/2" x 3")	1	
-12	U82371-069		HOSE – (29/32" x 5/8" x 14")	1	22-3936 to 22-7642 inclusive
	82371-54	CD	HOSE – (25/32" x 1/2" x 13")	1	
-13	AN914-3D		ELBOW	2	22-3936 to 22-7642 inclusive
	458-925		ELBOW – (AN942-8D)	1	22-8000 to 22-8709 inclusive
-14	14734-00		PLATE – Oil return inlet	1	22-3936 to 22-7642 inclusive
-15	AN840-9D		ADAPTER	1	22-3936 to 22-7642 inclusive
	14046-00	CD	LINE ASSEMBLY – Return oil separator (6")	1	
	-14404-000	CD	ADAPTER – Special (2")	1	
-16	U82371-070		HOSE – Separator to vacuum pump (29/32" x 5/8" x 10")	1	22-3936 to 22-7642 inclusive
	-82371-025	CD	HOSE – Separator to vacuum pump (25/32" x 1/2" x 11")	1	
-17	481-667		PUMP – Vacuum	1	22-354 to 22-7642 inclusive
	481-681		PUMP – Vacuum (#113A5)	1	22-8000 to 22-9848 inclusive
	481-692		PUMP – Vacuum (#200CC)	1	22-9849 and up
-18	-492-029		VALVE – Check	1	22-354 to 22-7642 inclusive
-19		AB	KIT – Dual drive, Lycoming #70385	1	
	450-380		KIT – Single drive, Lycoming #69439	1	

A – Secure from Lycoming, Division – Avco Corporation, Williamsport, Pennsylvania.
 B – Used with Hartzell propeller installation.
 C – Used prior to 22-3936 when regulating valve installed on engine side of firewall.
 D – Used prior to 22-3936 when regulating valve installed on cockpit side of firewall.

VACUUM PUMP INSTALLATION

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
24-20	-14205-000		VALVE – Air regulating, turn and bank	1	
-21	U82371-072	C	HOSE – Vacuum pump to regulator (25/32" x 1/2" x 12")	1	
	U82371-028	C	HOSE – Vacuum pump to regulator (25/32" x 1/2" x 5-1/2")	1	
	61541-10		HOSE – Vacuum pump to regulator	1	22-8000 to 22-8709 inclusive
	61541-13		HOSE – Vacuum pump to regulator	1	22-8710 and up
-22	462-016		GASKET – Oil return plate	1	22-3936 to 22-7642 inclusive
-23	492-059	D	VALVE – Suction regulator (#643-646)	1	
-24	3400X4		ELBOW	2	
-25	AN840-9D		ADAPTER	1	22-3936 to 22-7642 inclusive
	AN842-8D	AB	ELBOW	1	
-26	3326X6		NIPPLE	1	22-354 to 22-7642 inclusive
-27	14048-00		ELBOW – Hose reinforcement	1	22-354 to 22-7642 inclusive
-28	14168-00	BC	LINE ASSEMBLY – Check valve to pump	1	
-29	AN840-8D	BC	ADAPTER	1	
-30	492-059	D	VALVE – Suction regulating (#643-646)	1	22-8000 to 22-8709 inclusive
	492-065		VALVE – Suction regulating (#133A4)	1	22-8710 and up
-30a	751-815	E	FILTER – Regulating valve (#B-3005A1)	1	
-31	15077-00		ELBOW – 45°	1	22-8000 to 22-8709 inclusive
-32	AN912-2D		BUSHING – Reducer	1	22-8000 to 22-8709 inclusive
-33	AN842-4D		ELBOW – 90°	1	22-8000 and up
-34	AN842-6D		ELBOW – 90°	2	22-8000 to 22-8709 inclusive
-35	22514-00		TUBE ASSEMBLY – Vacuum pump exhaust	1	22-8000 and up
-36	MS20822-8D		ELBOW – 90°	1	22-8000 and up
-37	-458-958		ELBOW – (#134A2)	1	22-8710 and up
-38	AN818-8D		NUT	1	22-8000 and up
-39	82371-58		HOSE	1	22-8710 and up
-40	U82371-033		HOSE	1	22-8710 and up
-41	458-945		ELBOW – (#134A3)	2	22-8710 and up
-42	3750X4		TEE	1	22-8710 and up
-43	3224X2		BUSHING	1	22-8710 and up
-44	-82371-030		HOSE	1	22-8710 and up
-45	-14205-000		VALVE ASSEMBLY – Air regulating	1	22-8710 and up

A – Used prior to 22-3936 when regulating valve installed on engine side of firewall.

B – Used prior to 22-3936 when regulating valve installed on cockpit side of firewall.

C – Not used on PA-22-108.

D – 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.

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
25-	12733		DRAWING		22-1 to 22-806 inclusive
	14187		DRAWING		22-807 and up
-1	751-161		GRAN LITTER	1	
-2	12732-04		LITTER STRAP ASSEMBLY	1	
-3	12732-03		LITTER STRAP ASSEMBLY	1	
-4	12732-02		LITTER STRAP ASSEMBLY – Double	1	22-1 to 22-806 inclusive
	14186-00		LITTER STRAP ASSEMBLY	1	22-807 and up
-5	12730-02		LITTER FITTING – Strap assembly	2	
-6	80002-41		LITTER CLAMP	2	
-7	12732-05		LITTER STRAP ASSEMBLY	1	22-807 and up

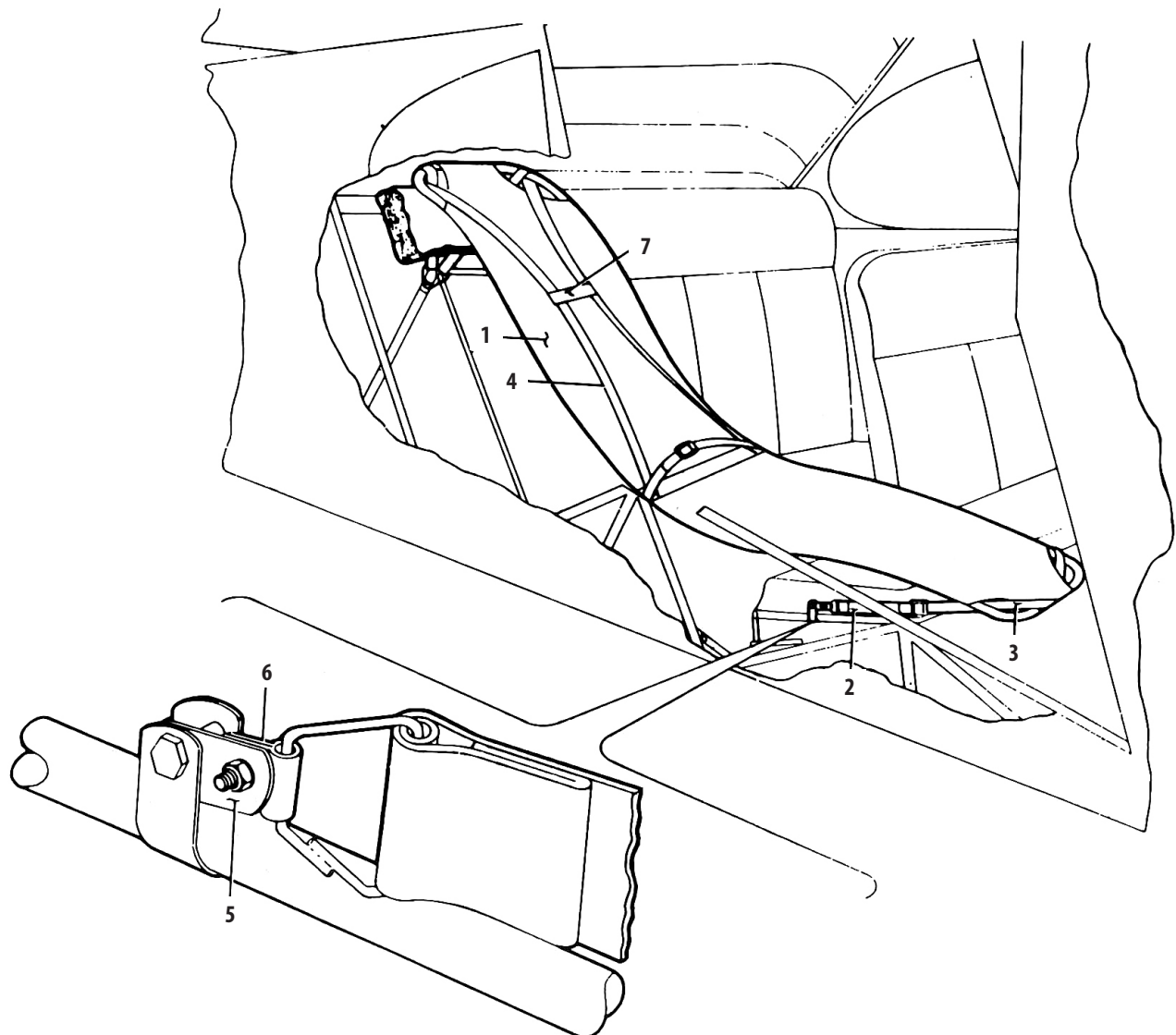


Figure 25. Litter Installation

PA-22 TRI-PACER PARTS CATALOG

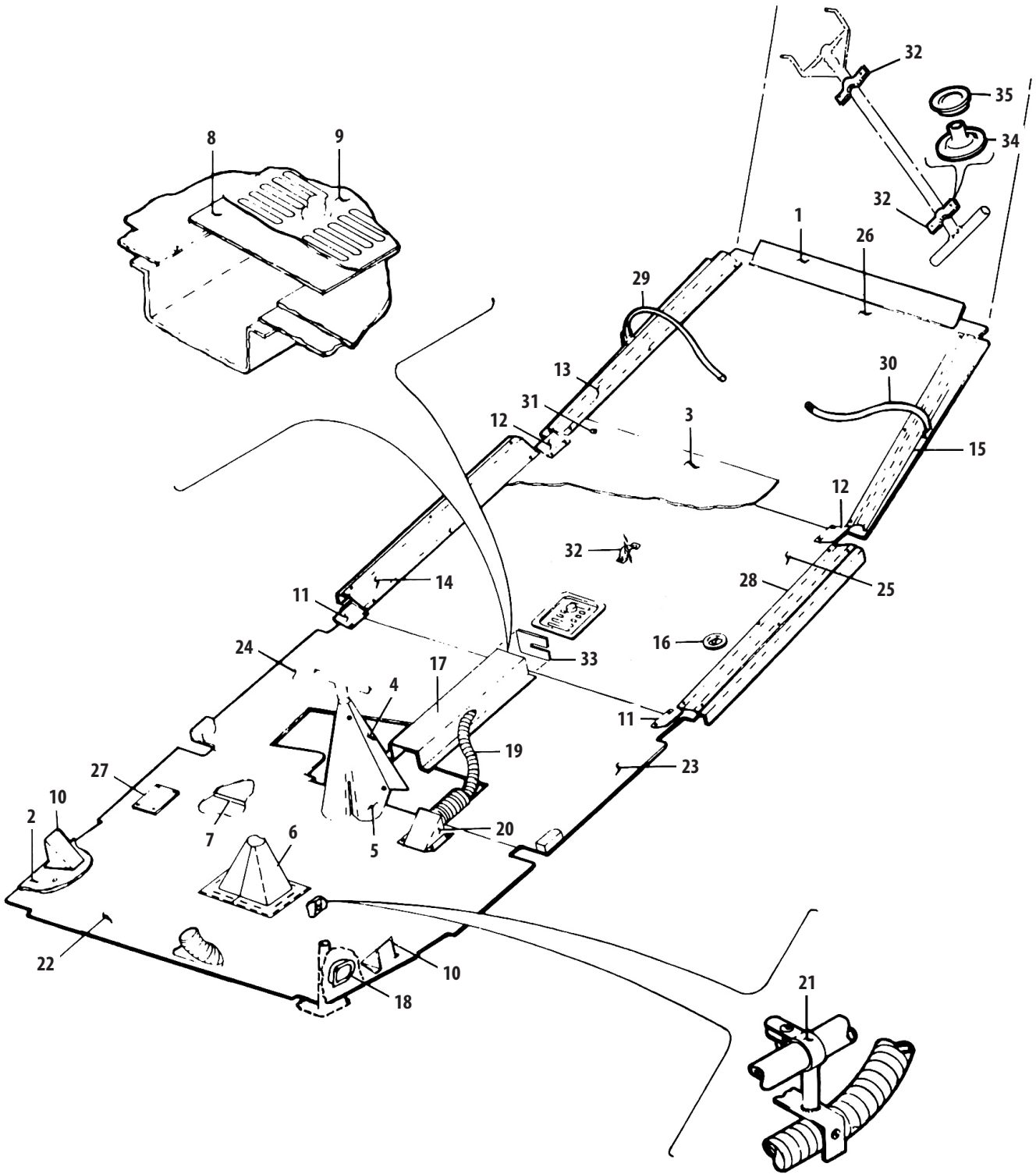


Figure 26. Floorboard and Carpet Installation

FLOORBOARD AND CARPET INSTALLATION

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
26-	13101		DRAWING – Floorboard and Carpet Installation		22-1 to 22-806 inclusive
	13932		DRAWING – Floor board and Carpet Installation		22-807 to 22-2599 inclusive, 22-2602 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive
	14704		DRAWING – Floorboard and Carpet Installation		22-3218, 22-3387 to 22-7642 inclusive
	15112		DRAWING – Controls Installation, Cockpit		22-8000 and up
-1	11914-00		ANGLE – Baggage compartment, rear	1	22-1 to 22-806 inclusive
	15104-00		ANGLE – Baggage compartment, rear	1	22-8000 and up
-2	12613-03		CARPET ASSEMBLY – Front	1	22-1 to 22-2599 inclusive, 22-2602 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive
	12613-05	A	CARPET ASSEMBLY – Front	1	
	12613-07		CARPET ASSEMBLY – Front	1	22-4143, 22-4460 to 22-6351 inclusive
	12613-11	B	CARPET ASSEMBLY – Front	1	
	12613-13		CARPET ASSEMBLY – Front, brown	1	22-6785, 22-6858, 22-6980 to 22-7642 inclusive
	12613-15		CARPET ASSEMBLY – Front, blue	1	22-6785, 22-6858, 22-6980 to 22-7642 inclusive
	12613-17		CARPET ASSEMBLY – Front, red	1	22-6785, 22-6858, 22-6980 to 22-7642 inclusive
	12613-19		CARPET ASSEMBLY – Front, green	1	22-6785, 22-6858, 22-6980 to 22-7642 inclusive
	12613-21		CARPET ASSEMBLY – Front	1	22-8000 and up
-3	13060-02		CARPET ASSEMBLY – Rear (when rear seat heater is not installed)	1	22-1 to 22-353 inclusive
	13473-03		CARPET ASSEMBLY – Rear (when rear seat heater is not installed)	1	22-354 to 22-806 inclusive
	13060-03		CARPET ASSEMBLY – Rear (when rear seat heater is installed)	1	22-1 to 22-353 inclusive
	13473-02		CARPET ASSEMBLY – Rear (when rear seat heater is installed)	1	22-354 to 22-806 inclusive
	13473-06		CARPET ASSEMBLY – Rear	1	22-807 to 22-1759 inclusive
	14306-00		CARPET ASSEMBLY – Rear	1	22-1760 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive
	14702-03	A	CARPET ASSEMBLY – Rear	1	
	14702-05		CARPET ASSEMBLY – Rear	1	22-4143, 22-4460 to 22-6351 inclusive
	14702-09	B	CARPET ASSEMBLY – Rear	1	
	14702-11		CARPET ASSEMBLY – Rear, brown	1	22-6785, 22-6858, 22-6980 to 22-7642 inclusive
	14702-13		CARPET ASSEMBLY – Rear, blue	1	22-6785, 22-6858, 22-6980 to 22-7642 inclusive
	14702-15		CARPET ASSEMBLY – Rear, red	1	22-6785, 22-6858, 22-6980 to 22-7642 inclusive
	14702-17		CARPET ASSEMBLY – Rear, green	1	22-6785, 22-6858, 22-6980 to 22-7642 inclusive
			A – Used on PA-22 with serial numbers 22-3218, 22-3387 to 22-4142 inclusive and 22-4144 to 22-4459 inclusive.		
			B – Used on PA-22 with serial numbers 22-6352 to 22-6784 inclusive, 22-6786 to 22-6857 inclusive and 22-6859 to 22-6979 inclusive.		

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
26-4	12729-06		BOOT ASSEMBLY – Rear half, shock cord and hydrasorb unit	1	22-1 to 22-353 inclusive
	12729-10		BOOT ASSEMBLY – Rear half, shock cord and hydrasorb unit (brown)	1	22-354 to 22-1759 inclusive
	12729-12		BOOT ASSEMBLY – Rear half, shock cord and hydrasorb unit (green)	1	22-807 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	12729-18		BOOT ASSEMBLY – Rear half, shock cord and hydrasorb unit (brown)	1	22-1760 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	12729-24		BOOT ASSEMBLY – Rear half, shock cord and hydrasorb unit (black)	1	22-1760 to 22-4142 inclusive and 22-4144 to 22-4459 inclusive
	-12729-028		BOOT ASSEMBLY – Rear half, shock cord and hydrasorb unit (black)	1	22-4143, 22-4460 and up
-5	12729-08		BOOT ASSEMBLY – Front half, shock cord and hydrasorb unit (brown)	1	22-1 to 22-1759 inclusive
	12729-14		BOOT ASSEMBLY – Front half, shock cord and hydrasorb unit (green)	1	22-807 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	12729-22		BOOT ASSEMBLY – Front half, shock cord and hydrasorb unit (brown)	1	22-1760 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	-12729-026		BOOT ASSEMBLY – Front half, shock cord and hydrasorb unit (black)	1	22-1760 and up
-6	12729-30		BOOT ASSEMBLY – Front half, shock cord and hydrasorb unit (black)	1	22-4143, 22-4460 and up
	12759-04		BOOT ASSEMBLY – Control column (brown)	1	22-1 to 22-1759 inclusive
	12759-06	A	BOOT ASSEMBLY – Control column (green)	1	
	12759-10	B	BOOT ASSEMBLY – Control column (brown)	1	
	12759-12	C	BOOT ASSEMBLY – Control column (black)	1	
	12759-14		BOOT ASSEMBLY – Control column (black)	1	22-4143, 22-4460 and up
-7	180-497		FELT – Chafing (SAE F-50 .065 x 1/2")	54'	22-1 to 22-806 inclusive and 22-8000 and up
-8	12752-00		PLATE – Spacer, rear seat heater	1	22-1 to 22-7642 inclusive
-9	12675-00		GRILL ASSEMBLY – Rear seat heater	1	22-1 to 22-353 inclusive
	12678-00	D	GRILL ASSEMBLY – Rear seat heater	1	
-10	12565-00	E	GUARD ASSEMBLY – Aileron cable pulley, front cockpit	2	
	12565-05		GUARD ASSEMBLY – Aileron cable pulley, front cockpit	2	22-3218, 22-3387 to 22-7642 inclusive
	12565-00		GUARD ASSEMBLY – Aileron cable pulley, front cockpit, RH	1	22-8000 and up
	12565-05		GUARD ASSEMBLY – Aileron cable pulley, front cockpit, LH	1	22-8000 and up
			<p>A – Used on PA-22 with serial numbers 22-807 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive.</p> <p>B – Used on PA-22 with serial numbers 22-1760 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive.</p> <p>C – Used on PA-22 with serial numbers 22-1760 to 22-4142 inclusive and 22-4144 to 22-4459 inclusive.</p> <p>D – Used on PA-22 with serial numbers 22-354 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.</p> <p>E – Used on PA-22 with serial numbers 22-1 to 22-2599 inclusive, 22-2602 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.</p>		

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
12-11	12170-00		GUARD – Rudder cable pulley, front	2	22-1 to 22-7642 inclusive
-12	12113-00		GUARD – Rudder cable pulley, rear	2	22-1 to 22-806 inclusive
	12113-00		GUARD – Rudder cable pulley, rear, LH	1	22-807 to 22-7642 inclusive
	13846-00		GUARD – Rudder cable pulley, rear, RH	1	22-807 to 22-7642 inclusive
-13	-12021-000		GUARD – Rudder cables, in rear cockpit	1	22-1 to 22-7642 inclusive
-14	13868-00		GUARD – Rudder cable, baggage compartment, RH	1	22-807 to 22-7642 inclusive
	-12021-000		GUARD – Rudder cable, baggage compartment, RH	1	22-1 to 22-806 inclusive
	15103-00		GUARD – Rudder cable, baggage compartment, RH	1	22-8000 and up
-15	-13847-000		GUARD – Rudder cable, baggage compartment, LH	1	22-807 to 22-7642 inclusive
	-12021-000		GUARD – Rudder cable, baggage compartment, LH	1	22-1 to 22-806 inclusive
-16	12281-00		PLATE – Floor mat, reinforcement, at rear seat	1	22-1 to 22-7642 inclusive
-17	21612-00		COVER – Elevator bellcrank and flap control mechanism (when rear seat heater is not installed)	1	22-1 to 22-353 inclusive
	12612-02		COVER – Elevator bellcrank and flap control mechanism (when rear seat heater is not installed)	1	22-354 to 22-806 inclusive
	13007-00		COVER – Elevator bellcrank and flap control mechanism (when rear seat heater is installed)	1	22-1 to 22-353 inclusive
	13007-04	E	COVER – Elevator bellcrank and flap control mechanism (when rear seat heater is installed)	1	
	14630-00		COVER – Elevator bellcrank and rear seat heater	1	22-3218, 22-3387 to 22-7642 inclusive
	15164-00		COVER – Elevator bellcrank	1	22-8000 and up
-18	14050-02		COVER ASSEMBLY – Rudder pedal tube, brown, LH	1	22-807 to 22-1759 inclusive
	14050-03		COVER ASSEMBLY – Rudder pedal tube, brown, RH	1	22-807 to 22-1759 inclusive
	14050-00	A	COVER ASSEMBLY – Rudder pedal tube, green, LH	1	
	14050-01	A	COVER ASSEMBLY – Rudder pedal tube, green, RH	1	
	14050-12	B	COVER ASSEMBLY – Rudder pedal tube, brown, LH	1	
	14050-13	B	COVER ASSEMBLY – Rudder pedal tube, brown, RH	1	
	14050-16	C	COVER ASSEMBLY – Rudder pedal tube, black, LH	1	
	14050-17	C	COVER ASSEMBLY – Rudder pedal tube, black, RH	1	
	14050-20		COVER ASSEMBLY – Rudder pedal tube, black, LH	1	22-4143, 22-4460 and up
	14050-21		COVER ASSEMBLY – Rudder pedal tube, black, RH	1	22-4143, 22-4460 and up
-19	13008-00	D	TUBE – Flexible, rear seat heater	1	
	14649-00		TUBE – Flexible, rear seat heater	1	22-3218, 22-3387 to 22-7642 inclusive
-20	13006-00		COVER – Rear seat heater tube	1	22-1 to 22-7642 inclusive
-21	13005-00		CLAMP – Rear seat heater tube attachment	1	22-1 to 22-7642 inclusive
			A – Used on PA-22 with serial numbers 22-807 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive.		
			B – Used on PA-22 with serial numbers 22-1760 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive.		
			C – Used on PA-22 with serial numbers 22-1760 to 22-4142 inclusive and 22-4144 to 22-4459 inclusive.		
			D – Used on PA-22 with serial numbers 22-1 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.		
			E – Used on PA-22 with serial numbers 22-354 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.		

FLOORBOARD AND CARPET INSTALLATION

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
26-22	13063-02	A	FLOORBOARD ASSEMBLY – Front (used when rear seat heater is installed)	1	22-1 to 22-806 inclusive
	13063-03		FLOORBOARD ASSEMBLY – Front (used when rear seat heater is installed)	1	
	U13063-004		FLOORBOARD ASSEMBLY – Front	1	22-3218, 22-3387 to 22-7642 inclusive
	13063-05		FLOORBOARD ASSEMBLY – Front	1	22-8000 and up
-23	12610-02	A	FLOORBOARD – Center, front, LH	1	
	12610-04		FLOORBOARD – Center, front, LH	1	22-3218, 22-3387 and up
-24	12609-00		FLOORBOARD – Center, front, RH	1	22-1 to 22-353 inclusive
	13456-00		FLOORBOARD – Center, front, RH	1	22-353 to 22-1020 inclusive
	U13456-002		FLOORBOARD – Center, front, RH	1	22-1021, 22-1022, 22-1024 and up
-25	11909-00		FLOORBOARD – Center, rear	1	22-1 to 22-806 inclusive
	U11909-003		FLOORBOARD – Center, rear	1	22-807 to 22-7642 inclusive
	11909-05		FLOORBOARD – Rear, baggage compartment	1	22-8000 to 22-8709 inclusive
	U15209-000		FLOORBOARD – Rear, baggage compartment	1	22-8710 and up
-26	12555-00		FLOORBOARD – Rear	1	22-1 to 22-806 inclusive
	-12555-002		FLOORBOARD – Rear	1	22-807 to 22-7642 inclusive
-27	13468-00		PLATE – Name, on floor	1	22-374, 22-375, 22-378 and up
-28	-12019-000		PLATE – Floor trim, rear door	1	22-1 to 22-7642 inclusive
	15103-00		PLATE – Floor trim, left side	1	22-8000 and up
-29	-12036-002		STRAP ASSEMBLY – Baggage tie down, buckle end	1	22-1 to 22-806 inclusive
-30	-12036-003		STRAP ASSEMBLY – Baggage tie down, tip end (2 per ship 1953, 1954 and 1955 Models)	1	
-31	487-560		STUD – Durable dot, No. 459, floor carpet attachment	13	
-32	13289-00		STRAP ASSEMBLY – Tow bar, tie down	1	22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	14476-00		STRAP ASSEMBLY – Tie down, tow bar	2	22-2378, 22-2425 to 22-7642 inclusive
-33	14631-00		PLATE – Cover, rear seat cabin heat	1	22-3218, 22-3387 to 22-7642 inclusive, 22-8000 to 22-8709 inclusive
	15213-00		PLATE – Cover, rear seat cabin heat	1	22-8710 and up
-34	83913-08		EYELET – Strap assembly, tow bar	4	22-2378, 22-2425 to 22-7642 inclusive
-35	83913-06		STUD – Strap assembly, tow bar	4	22-2378, 22-2425, 22-7642

A – Used on PA-22 with serial numbers 22-1 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.

PA-22 TRI-PACER PARTS CATALOG

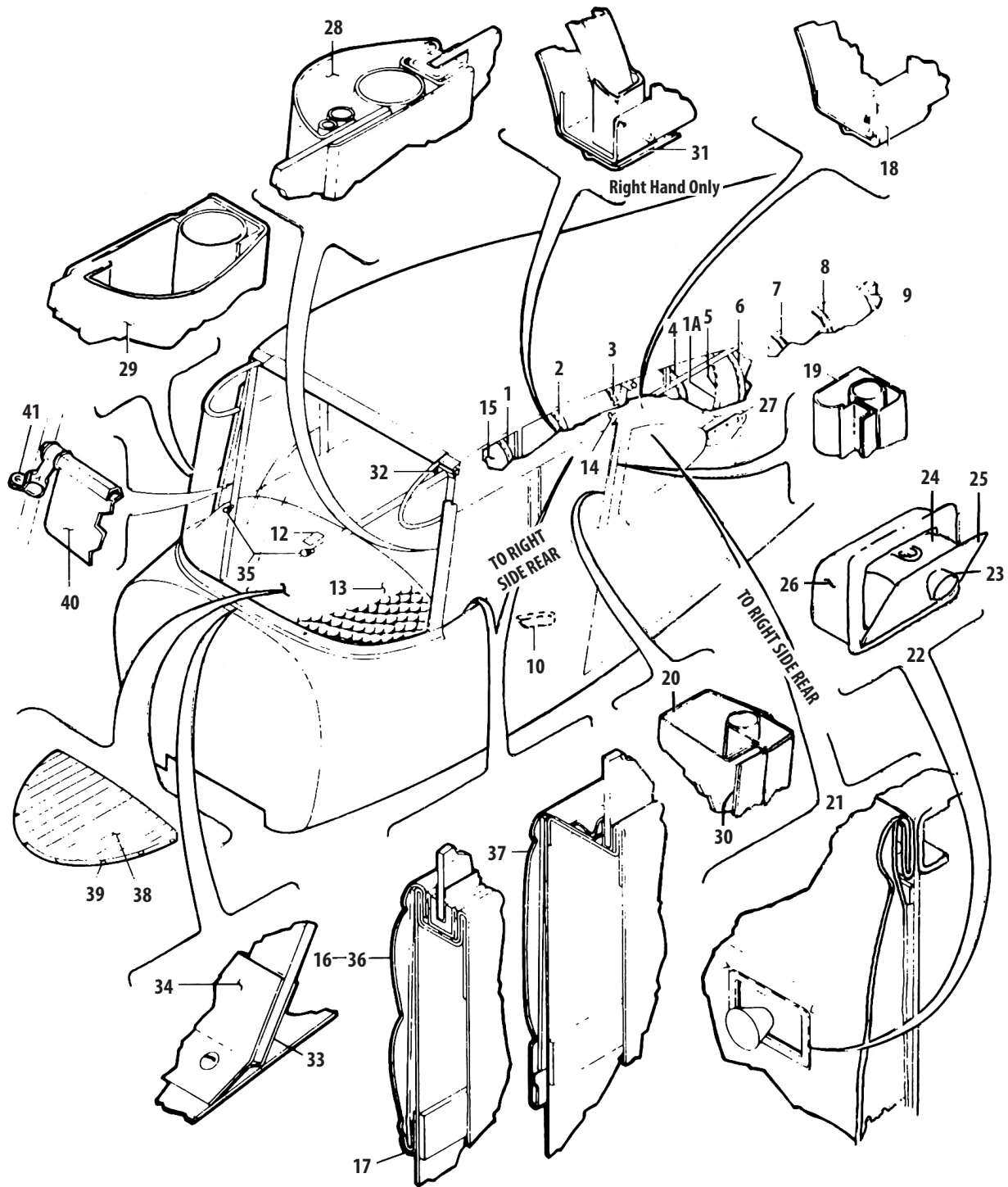


Figure 27. Cockpit Finishing Installation

COCKPIT FINISHING INSTALLATION

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
27-	13111		DRAWING – Fuselage Assembly, Complete		22-1 to 22-806 inclusive
	13906	A	DRAWING – Fuselage Assembly, Complete		
	12626		DRAWING – Cockpit Finishing Installation		22-1 to 22-806 inclusive
	13926	A	DRAWING – Cockpit Finishing Installation		
	14463	B	DRAWING – Fuselage Assembly, Complete		
	14459	B	DRAWING – Cockpit Finishing Installation		
	14696		DRAWING – Fuselage Assembly, Complete		22-3218, 22-3387 to 22-7642 inclusive
	14700		DRAWING – Cockpit Finishing Installation		22-3218, 22-3387 to 22-7642 inclusive
	15143		DRAWING – Fuselage Assembly, Complete		22-8000 and up
	15134		DRAWING – Cockpit Finishing Installation		22-8000 and up
-1	12193-02		ARCH – Headlining, No. 1	1	
-1a	12193-02		ARCH – Headlining	1	22-8000 and up
-2	12192-03		ARCH – Headlining, No. 2	1	22-1 to 22-806 inclusive
	14083-00		ARCH – Headlining, No. 2	1	22-807 and up
-3	12193-04		ARCH – Headlining, No. 3	1	22-1 to 22-7642 inclusive, 22-8000 to 22-8709 inclusive
	12193-11		ARCH – Headlining, No. 3	1	22-8710 and up
-4	12193-05		ARCH – Headlining, No. 4	1	22-1 to 22-806 inclusive
	12193-11	E	ARCH – Headlining, No. 4	1	22-807 to 22-7642 inclusive
-5	12193-06		ARCH – Headlining, No. 5	1	22-1 to 22-806 inclusive
	12193-12	E	ARCH – Headlining, No. 5	1	22-807 to 22-7642 inclusive
-6	12193-07		ARCH – Headlining, No. 6	1	22-1 to 22-806 inclusive
-7	13854-00	E	ARCH – Headlining, No. 6	1	22-807 to 22-7642 inclusive
-8	13890-00	E	ARCH – Headlining, No. 7	1	22-807 to 22-7642 inclusive
-9	12193-13	E	ARCH – Headlining, No. 8	1	22-807 to 22-7642 inclusive
-10	451-955		ARMREST – Brown leather (PAC No. 12799-02)	1	22-1 to 22-1759 inclusive
	12799-03		ARMREST – Green leather	1	22-354 to 22-806 inclusive
	14260-00	C	ARMREST – Green	1	
	14260-02	C	ARMREST – Brown	1	
	14260-05		ARMREST – Black	1	22-1760 to 22-4142 inclusive and 22-4144 to 22-4459 inclusive
	14260-17	D	ARMREST – Black	1	
	14260-43	F	ARMREST – Brown	1	22-6785, 22-6858, 22-6980 and up
	14260-45	F	ARMREST – Green	1	22-6785, 22-6858, 22-6980 and up
	14260-53		ARMREST – Gray	1	
	14260-57	F	ARMREST – Red	1	22-6785, 22-6858, 22-6980 and up
	14260-59	F	ARMREST – Blue	1	22-6785, 22-6858, 22-6980 to 22-7642, 22-8000 to 22-8709 inclusive
	14260-51	F	ARMREST – Blue	1	22-8710 and up
			A – Used on PA-22 with serial numbers 22-807 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive.		
			B – Used on PA-22 with serial numbers 22-2378, 22-2425 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.		
			C – Used on PA-22 with serial numbers 22-1760 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive.		
			D – Used on PA-22 with serial numbers 22-4143, 22-4460 to 22-6784 inclusive, 22-6786 to 22-6857 inclusive and 22-6859 to 22-6979 inclusive.		
			E – Not used on PA-22-108.		
			F – Optional equipment on PA-22-108.		

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
27-11	489-370		ASH TRAY – Rear seat, RH	1	22-1 to 22-806 inclusive
-12	489-371		ASH TRAY – With retainer, front	1	
-13	14259-03	C	BLANKET ASSEMBLY – Fuselage cowl, top of instrument panel (brown)	1	
	14259-02	C	BLANKET ASSEMBLY – Fuselage cowl, top of instrument panel (green)	1	
	14259-04		BLANKET ASSEMBLY – Fuselage cowl, top of instrument panel, black	1	22-1760 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive
	14715-00		BLANKET ASSEMBLY – Fuselage cowl, top of instrument panel, black	1	22-3218, 22-3387 to 22-4142 inclusive and 22-4144 to 22-4459 inclusive
	14715-04		BLANKET ASSEMBLY – Fuselage cowl, top of instrument panel, black	1	22-4143, 22-4460 and up
-14	465-149		COAT HOOK – (No. 98443)	2	
-15	12194-03		HEADLINING ASSEMBLY	1	22-1 to 22-806 inclusive
	13939-02		HEADLINING ASSEMBLY	1	22-807 to 22-1759 inclusive
	13939-04		HEADLINING ASSEMBLY	1	22-1760 to 22-5138 inclusive and 22-5140 to 22-5602 inclusive
	13939-08		HEADLINING ASSEMBLY	1	22-5139, 22-5603 to 22-6351 inclusive
	13939-10	A	HEADLINING ASSEMBLY	1	
	13939-12		HEADLINING ASSEMBLY	1	22-6785, 22-6858, 22-6980 to 22-7642 inclusive
	15150-00		HEADLINING ASSEMBLY	1	22-8000 and up
-16	12670-22		PANEL ASSEMBLY – Trim, upholstery, “125” and “135”, LH	1	22-1 to 22-806 inclusive
-17	12664-02		STRIP – Anchor, upholstered trim panel, “125” and “135”	2	22-1 to 22-806 inclusive
-18	12187-00	B	TRIM STRIP – Headlining and top of door frame channel, LH	1	
-19	12218-00		TRIM STRIP – Cockpit, rear left post	1	22-1 to 22-806 inclusive
	12218-02		TRIM STRIP – Cockpit, rear left post with coat hook installation parts (less coat hook)	1	22-1 to 22-806 inclusive
	12221-00		TRIM STRIP – Cockpit, rear right post	1	22-1 to 22-806 inclusive
	12221-02		TRIM STRIP – Cockpit, rear right post with coat hook installation parts (less coat hook)	1	22-1 to 22-806 inclusive
-20	13893-02	B	TRIM STRIP – Cockpit, rear left post	1	
	13893-03	B	TRIM STRIP – Cockpit, rear left post with coat hook installation parts (less coat hook)	1	
	13902-02	B	TRIM STRIP – Cockpit, rear right post	1	
	13902-03	B	TRIM STRIP – Cockpit, rear right post with coat hook installation parts (less coat hook)	1	
<p>A – Used on PA-22 with serial numbers 22-6352 to 22-6784 inclusive, 22-6786 to 22-6857 inclusive and 22-6859 to 22-6979 inclusive.</p> <p>B – Not used on PA-22-108.</p> <p>C – Used on PA-22 with serial numbers 22-807 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive.</p> <p>D – Optional equipment on PA-22-108.</p>					

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
27-21	13952-02		PANEL ASSEMBLY – Trim, upholstered, brown, RH	1	22-807 to 22-1759 inclusive
	13952-00		PANEL ASSEMBLY – Trim, upholstered, green, RH	1	22-807 to 22-1759 inclusive
	14266-02		PANEL ASSEMBLY – Trim, upholstered, green, right side	1	22-1760 to 22-2377 inclusive, and 22-2379 to 22-2424 inclusive
	14266-03		PANEL ASSEMBLY – Trim, upholstered, right side, brown		22-2379 to 22-2424 inclusive
	14266-04	D	PANEL ASSEMBLY – Trim, upholstered, black, RH	1	
	15032-00		PANEL ASSEMBLY – Trim, upholstered, gray, RH	1	22-6785, 22-6858, 22-6980 to 22-7642 inclusive
-22	13953-00		BOX ASSEMBLY – Ash	1	22-807 and up
-23	-471-051		KNOB – (No. 3001-SD) Ivory	1	
-24	453-141	B	ASH TRAY – (No. 947-478)	1	22-807 and up
-25	13950-00		PANEL – Ash tray	1	22-807 and up
-26	484 385		RETAINER – Ash tray (No. 947-483)	1	22-807 and up
-27	12199-00		TRIM STRIP – Headlining, rear, lower, RH	1	
-28	12673-00	C	TRIM STRIP – Cockpit, front post, LH	1	22-1 to 22-806 inclusive
	13944-00		TRIM STRIP – Cockpit, front post, LH	1	22-807 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive
	-14684-000		TRIM STRIP – Cockpit, front post, LH	1	22-3218, 22-3387 and up
-29	12674-00		TRIM STRIP – Cockpit, front post, RH	1	22-1 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive
	14685-00		TRIM STRIP – Cockpit, front post, RH	1	22-3218, 22-3387 and up
-30	180 400		TAPE – Elastic, window seal (Compound No. 163)	7'	22-807 and up
-31	12189-00		TRIM STRIP – Headlining and top of door frame channel, RH	1	
-32	10262-03		PLATE ASSEMBLY – Eyebrows and headlining	2	22-1 to 22-806 inclusive
	10262-05		PLATE ASSEMBLY – Eyebrow and headlining	2	22-807 to 22-1759 inclusive
	10262-13		PLATE ASSEMBLY – Eyebrows and headlining, left	1	22-1760 to 22-5138 inclusive and 22-5140 to 22-5602 inclusive
	10262-15		PLATE ASSEMBLY – Eyebrows and headlining, right	1	22-1760 to 22-5138 inclusive and 22-5140 to 22-5602 inclusive
	10262-17		PLATE ASSEMBLY – Eyebrows and headlining, left	1	
	10262-19	A	PLATE ASSEMBLY – Eyebrows and headlining, right	1	
	10262-21	A	PLATE ASSEMBLY – Eyebrows and headlining, left, gray	1	22-6785, 22-6858, 22-6980 and up
	10262-23	C	PLATE ASSEMBLY – Eyebrows and headlining, right, gray	1	22-6785, 22-6858, 22-6980 and up
	10262-25	C	PLATE ASSEMBLY – Eyebrows and headlining, left, white	1	22-6785, 22-6858, 22-6980 and up
	10262-27		PLATE ASSEMBLY – Eyebrows and headlining, right, white	1	22-6785, 22-6858, 22-6980 and up
<p>A – Used on PA-22 with serial numbers 22-5139, 22-5603 to 22-6784 inclusive, 22-6786 to 22-6857 inclusive, 22-6859 to 22-6979 inclusive.</p> <p>B – Used on PA-22 with serial numbers 22-807 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive.</p> <p>C – Not used on PA-22-108.</p> <p>D – Used on PA-22 with serial numbers 22-1760 to 22-6784 inclusive, 22-6786 to 22-6857 inclusive and 22-6859 to 22-6979 inclusive.</p>					

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
27-33	12787-00	D	COLLAR – Windshield, rear	1	
	14670-00		COLLAR – Windshield, rear	1	22-3218, 22-3387 and up
-34	12786-00	D	COLLAR – Windshield, front	1	
	-14669-000		COLLAR – Windshield, front	1	22-3218, 22-3387 and up
-35	U453-640		BUMPER – Rubber, windshield support (No. 285)	2	22-1 to 22-353 inclusive
-36	12670-24		PANEL ASSEMBLY – Trim, upper right upholstery, “125” and “135”	1	22-1 to 22-806 inclusive
-37	13937-20		PANEL ASSEMBLY – Trim, upholstered, brown, LH	1	22-807 to 22-1759 inclusive
	13937-04		PANEL ASSEMBLY – Trim, upholstered, green, LH	1	22-807 to 22-1759 inclusive
	14264-02		PANEL ASSEMBLY – Trim, upholstered, green, left	1	22-1760 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	14264-03		PANEL ASSEMBLY – Trim, upholstered, brown, left side	1	22-1760 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	14264-07		PANEL ASSEMBLY – Trim, upholstered, left side, black	1	22-1760 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive
	14714-00	E	PANEL ASSEMBLY – Trim, upholstered, left side, black	1	
	15026-00		PANEL ASSEMBLY – Trim, upholstered, left side, gray	1	22-6785, 22-6858, 22-6980 to 22-7642 inclusive
	15026-10		PANEL ASSEMBLY – Left cockpit trim, red	1	
	15026-12		PANEL ASSEMBLY – Left cockpit trim, blue	1	
	15026-14		PANEL ASSEMBLY – Left cockpit trim, green	1	
	15026-16		PANEL ASSEMBLY – Left cockpit trim, brown	1	
-38	14671-00	C	PANEL ASSEMBLY – Instrument access, top	1	
	14671-03		PANEL ASSEMBLY – Instrument access, top, black	1	22-4143, 22-4460 to 22-6351 inclusive
	14996-00		PANEL ASSEMBLY – Instrument access, top, black	1	22-6352 to 22-7642 inclusive, 22-8000 to 22-8822 inclusive
	14996-04		PANEL ASSEMBLY – Instrument access, top, black	1	22-8823 and up
-39	81342-74		WASHER – Attachment, instrument access panel	6	22-3218, 22-3387 and up
-40	14597-00		SUN VISOR ASSEMBLY	2	22-3218, 22-3387 to 22-5138 inclusive and 22-5140 to 22-5603 inclusive
	14597-07		SUN VISOR ASSEMBLY	2	22-5139, 22-5603 to 22-6351 inclusive
	14597-08	A	SUN VISOR ASSEMBLY	2	
	14597-11	B	SUN VISOR ASSEMBLY	2	22-6785, 22-6858, 22-6980 and up
-41	14599-02	B	BRACKET ASSEMBLY – Sun visor attachment, LH	1	22-3218, 22-3387 and up
	14599-03	B	BRACKET ASSEMBLY – Sun visor attachment, RH	1	22-3218, 22-3387 and up
			<p>A – Used on PA-22 with serial numbers 22-6352 to 22-6784 inclusive, 22-6786 to 22-6857 inclusive, and 22-6859 to 22-6979 inclusive.</p> <p>B – Optional equipment on PA-22-108.</p> <p>C – Used on PA-22 with serial numbers 22-3218, 22-3387 to 22-4142 inclusive, and 22-4144 to 22-4459 inclusive</p> <p>D – Used on PA-22 with serial numbers 22-1 to 22-2599 inclusive, 22-2602 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.</p> <p>E – Used on PA-22 with serial numbers 22-3218, 22-3387 to 22-6784 inclusive, 22-6786 to 22-6857 inclusive and 22-6859 to 22-6979 inclusive.</p>		

PA-22 TRI-PACER PARTS CATALOG

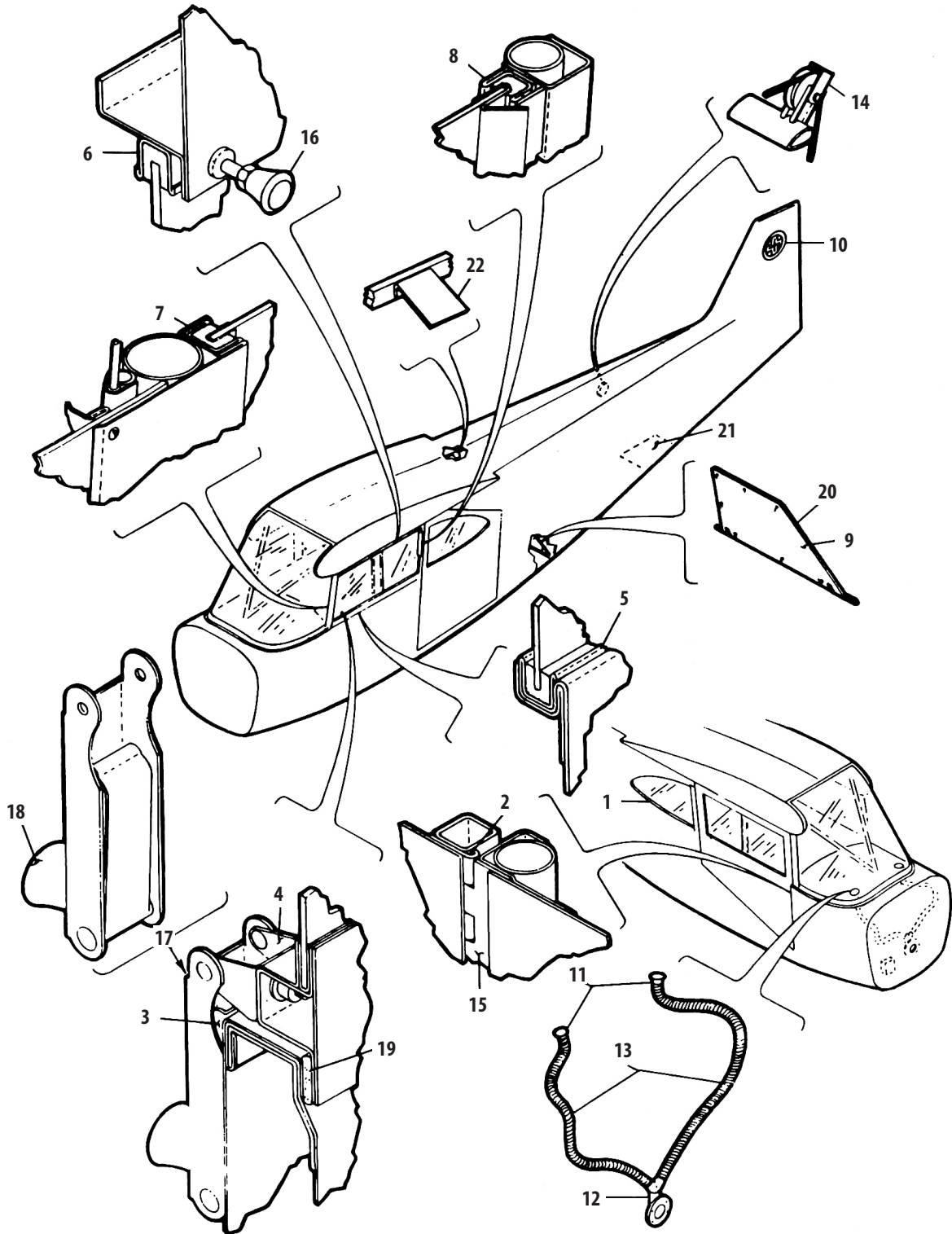


Figure 28. Cockpit Finishing Installation

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
28-	14150		DRAWING – Defroster Installation		22-807 and up
-1	913-320		BEADING – Permagum window seal NOTE: This material sold only by the roll, 125 feet per roll.	11	22-807 and up
-2	86092-23		PIN – Door hinge, RH	1	
-3	13844-00	A	BRACKET – Hinged, window latch attachment	1	
	14797-00	B	BRACKET – Hinged, window latch attachment	1	
-4	13845-00	A	BRACKET – Hinged, window latch attachment	1	
	14790-00	B	BRACKET – Hinged, window latch attachment	1	
-5	U11432-006		CHANNEL – Weatherstrip, bottom, sliding window	1	22-1 to 22-806 inclusive
-6	U11432-005		CHANNEL – Weatherstrip (no window lock)	1	22-1 to 22-806 inclusive
	12634-02		CHANNEL – Weatherstrip, top sliding window (with window lock)	1	22-1 to 22-806 inclusive
-7	U11432-007		CHANNEL – Weatherstrip, front sliding window, side	1	22-1 to 22-806 inclusive
-8	11432-08		CHANNEL – Weatherstrip, rear sliding window, side	1	22-1 to 22-806 inclusive
-9	454-898		CLIP – Panel, baggage compartment	10	22-1 to 22-806 inclusive
-10		C	INSIGNIA – “Piper”, on fin	2	
-11	-14149-000		TUBE ASSEMBLY – Air outlet (defroster) top	2	22-807 and up
-12	-14148-000		TUBE ASSEMBLY – Defroster air inlet, bottom	1	22-807 and up
-13	-85052-016		TUBE – Flexible, aluminum, 7/8 inch OD, defroster	2	22-807 and up
-14	13973-00		GUARD – Flap cable, station No. 6, top center	1	22-807 and up
-15	13936-00		HINGE – Door, front	1	22-807 and up
-16	12856-00		KNOB ASSEMBLY – Sliding window lock, LH	1	22-1 to 22-806 inclusive
-17	13840-00	A	LATCH ASSEMBLY – Hinged window	1	
	U13840-002	B	LATCH ASSEMBLY – Hinged window	1	
-18	-471-051	D	KNOB – (No. 3001-SD) Ivory	1	
	U471-059		KNOB – (No. 3001-SD) Black	1	22-2378, 22-2425 and up
-19	13945-18		MOULDING – Rubber, window seal (1/4 inch x 3/16 inch)	4	22-807 and up
-20	12014-00		PANEL ASSEMBLY – Baggage compartment, black	1	22-1 to 22-806 inclusive
-21	13796-00	E	PANEL ASSEMBLY – Fuselage access, bottom	1	22-807 to 22-7642 inclusive
-22	12788-00		PLATE – Pulley guard, stabilizer indicator wire and adjustment cable in top deck, “125” and “135”	1	22-1 to 22-806 inclusive
<p>A – Used on PA-22 with serial numbers 22-807 to 22-4148 inclusive and 22-4150 and 22-4152.</p> <p>B – Used on PA-22 with serial numbers 22-4149, 22-4151 and 22-4153 and up.</p> <p>C – Insignia put on by silk screen method. Not available for supply.</p> <p>D – Used on PA-22 with serial numbers 22-807 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive.</p> <p>E – Not used on PA-22-108.</p>					

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
29-24	13919-00		PLATE – Pulley guard, stabilizer adjustment cable, top center (fuselage station No. 4)	1	22-807 and up
-25	10980-02	A	PLATE – Striker, door latch (2 per ship 1953 Model, left and right) RH	1	
	10980-03		PLATE – Striker, door latch, LH	1	22-1 to 22-807 inclusive
	14171-00	B	PLATE – Striker, door lock, RH	1	
	14710-00		PLATE – Door latch striker, LH and RH	2	22-3218, 22-3387 and up
-26	85411-00	C	PLACARD – Airplane serial, at tail	1	
-27	85512-08		SEAL – Front door, lower corner	1	
-28	13974-03		SHIM – Striker plate door latch, RH	1	22-1 to 22-807 inclusive
	13974-02	A	SHIM – Striker plate door latch, LH	1	
-29	-13432-000	A	WINDSHIELD	1	
	-13432-002		WINDSHIELD	1	22-3218, 22-3387 to 22-7642 inclusive
	13432-03		WINDSHIELD	1	22-8000 and up
-30	13322-00		STRIP – Air deflector	1	22-1 to 22-806 inclusive
-31	86082-33	E	STRIP – Felt (at rear side of rear sliding window), 15-1/2 inch long	1	
-32	U52745-000		STUD – Door catch, on door to engage catch on lift struts	2	
-33	12012-00	E	TRIM STRIP – Right rear window attachment, front, outside	1	
-34	13891-00		TRIM STRIP – Window, inside, top, LH	1	22-807 and up
-35	13802-00		TRIM STRIP – Window, inside, bottom, LH	1	22-807 and up
-36	14162-00		TRIM STRIP – Inside, top of hinged window	1	22-807 and up
-37	13541-03	A	TUBE – Airspeed, left front post (2 per ship Model “135”)	1	
-38	85012-14		WASHER – Windshield attachment, felt	2	
-39	U81342-045		WASHER – Windshield attachment, outside	2	
-40	-12011-000		WINDOW – Enclosure, rear, RH	1	22-1 to 22-806 inclusive
-41	13916-00	D	WINDOW ASSEMBLY – Enclosure, rear, RH	1	
	14707-00	E	WINDOW ASSEMBLY – Rear enclosure, RH	1	22-3218, 22-3387 to 22-7642 inclusive
-42	13976-00		WINDOW ASSEMBLY – LH	1	22-807 and up
-43	13900-00		VENTILATOR BLOCK – Adjustment	1	22-807 and up
-44	U13914-000		VENTILATOR GASKET – Cork	1	22-807 and up
-45	-471-051		VENTILATOR KNOB – (No. 3001-SD) Ivory	1	22-807 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	U471-059		VENTILATOR KNOB – (No. 3001-SD) Black	1	22-2378, 22-2425 and up
-46	U14246-000		VENTILATOR PLATE – Inside trim	1	22-807 and up
-47	U14240-002		VENTILATOR PLATE – Outside trim	1	22-807 and up
-48	U14240-003		VENTILATOR PLATE – (Vellumoid)	2	22-807 and up
	U14246-002		VENTILATOR PLATE – Inside trim (Vellumoid)	1	22-1760 and up
-49	13904-00		VENTILATOR PLATE	1	22-807 and up
-49a	U13903-000		SCREW – Ventilator	1	22-807 and up
			A – Used on PA-22 with serial numbers 22-1 to 22-2599 inclusive, 22-2600 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.		
			B – Used on PA-22 with serial numbers 22-1483, 22-1499 and up except 22-1517.		
			C – Used on PA-22 with serial numbers 22-1 to 22-373 inclusive and 22-376 and 22-377.		
			D – Used on PA-22 with serial numbers 22-807 to 22-2599 inclusive, 22-2600 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.		
			E – Not used on PA-22-108.		

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
29-50	14250-00	A	WINDOW – RH	1	
	-14248-000		WINDOW – LH	1	22-807 and up
	14613-00		WINDOW – RH	1	22-3218, 22-3387 and up
-51	-11635-000		WINDOW ASSEMBLY – Sliding, front, LH	1	22-1 to 22-806 inclusive
-52	-11636-000		WINDOW ASSEMBLY – Sliding, front, LH	1	22-1 to 22-806 inclusive
-53	13853-00		WINDOW ASSEMBLY – Hinged	1	22-807 and up
-54	13851-00		FRAME ASSEMBLY – Hinged window	1	22-807 and up
-55	-13848-000		HINGE	1	22-807 and up
-56	-13849-000		WINDOW	1	22-807 and up
-57	13850-02		TRIM STRIP – Hinged window, top	1	22-807 and up
-58	13850-03		TRIM STRIP – Hinged window, front	1	22-807 and up
-59	13850-04		TRIM STRIP – Hinged Window, bottom	1	22-807 and up
-60	13850-05		TRIM STRIP – Hinged window, rear	1	22-807 and up
<p>A – Used on PA-22 with serial numbers 22-807 to 22-2599 inclusive, 22-2600 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.</p>					

PA-22 TRI-PACER PARTS CATALOG

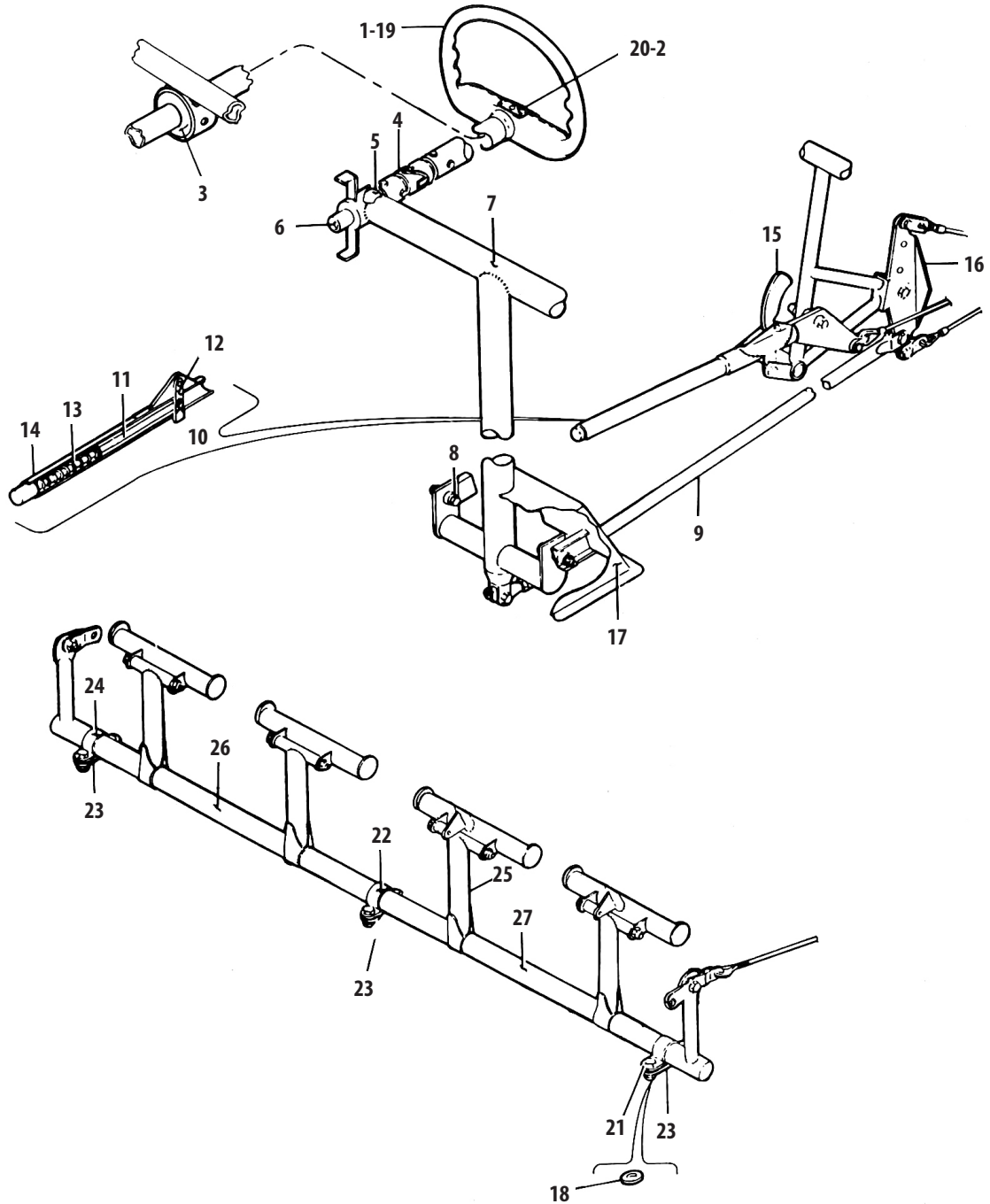


Figure 30. Control Column and Rudder Pedal Installation

CONTROL COLUMN AND RUDDER
PEDAL INSTALLATION

SECTION IV
Control Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
30-	13101		DRAWING – Control Column and Rudder Pedal Installation		22-1 to 22-353 inclusive
	13449		DRAWING – Control Column and Rudder Pedal Installation		22-354 to 22-806 inclusive
	13932	A	DRAWING – Control Column and Rudder Pedal Installation		
	14704		DRAWING – Control Column and Rudder Pedal Installation		22-3218, 22-3387 and up
-1	12593-00		WHEEL ASSEMBLY – Control, brown		2 22-1 to 22-1759 inclusive
	14267-00	D	WHEEL ASSEMBLY – Control, black	2	
-2	13058-00		PLATE – Name, brown	1	22-1 to 22-1759 inclusive
	14227-00		PLATE – Name (#474 320) Red	1	22-1760 and up
-3	86102-64		BUSHING – Insert, control wheel shaft	2	
-4	12734-00		JOINT – Universal, pulley shaft assembly and control wheel shaft attachment (No. UJ367) (469 130)	2	
-5	-85012-058		SHIM – Control column shaft attachment	AR	
	85012-59		SHIM – Control column shaft attachment	AR	
-6	-452-340		BEARING – Pulley shaft assembly installation on control column (No. 4050)	4	
-7	12500-00		CONTROL COLUMN ASSEMBLY	1	22-1 to 22-353 inclusive
	13438-00		CONTROL COLUMN ASSEMBLY	1	22-354 and up
-8	-452-342		BEARING – Control column to fuselage attachment (No. CS1255)	2	
-9	U12508-000		ROD ASSEMBLY – Control column to elevator bellcrank	1	
-10	12494-02		LEVER ASSEMBLY – Flap control	1	22-1 to 22-4 inclusive
	U13185-000		LEVER ASSEMBLY – Flap control	1	22-5 to 22-7642 inclusive
-11	11699-05		PLUNGER ASSEMBLY – Flap control	1	22-1 to 22-4 inclusive
	U13203-000		PLUNGER ASSEMBLY – Flap control	1	22-5 to 22-7642 inclusive
-12	U11700-000		PAWL	1	22-1 to 22-7642 inclusive
-13	U50111-000		SPRING	1	22-1 to 22-7642 inclusive
-14	U13184-000		LEVER – (less plunger mechanism)	1	22-5 to 22-7642 inclusive
	12493-02		LEVER – (less plunger mechanism)	1	22-1 to 22-4 inclusive
-15	12495-00		RATCHET ASSEMBLY – Flap control	1	22-1 to 22-4 inclusive
	-13183-000		RATCHET ASSEMBLY – Flap control	1	22-5 to 22-7642 inclusive
-16	11818-00		BELLCRANK ASSEMBLY – Elevator	1	
-17	12759-04		BOOT ASSEMBLY – Control column, brown	1	22-1 to 22-1759 inclusive
	12759-06	B	BOOT ASSEMBLY – Control column, green	1	
	12759-10	C	BOOT ASSEMBLY – Control column, brown	1	
	12759-12	D	BOOT ASSEMBLY – Control column, black	1	
	12759-14		BOOT ASSEMBLY – Control column, black	1	22-4143, 22-4460 and up
			A – Used on PA-22 with serial numbers 22-807 to 22-2599 inclusive, 22-2600 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.		
			B – Used on PA-22 with serial numbers 22-807 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive.		
			C – Used on PA-22 with serial numbers 22-1760 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive.		
			D – Used on PA-22 with serial numbers 22-1760 to 22-4142 inclusive and 22-4144 to 22-4459 inclusive.		

CONTROL COLUMN AND RUDDER
PEDAL INSTALLATION

SECTION IV
Control Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
30-18	-85012-004		WASHER – Spacer, rudder pedal torque tube (.010 to .014)	AR	
	U85012-005		WASHER – Spacer, rudder pedal torque tube (.015 to .020)	AR	
	U85012-006		WASHER – Spacer, rudder pedal torque tube (.032)	AR	
-19	12593-02		WHEEL ASSEMBLY – Control, green	2	22-807 to 22-1759 inclusive
	14267-02		WHEEL ASSEMBLY – Control, black	2	22-4143, 22-4460 and up
-20	13058-02		PLATE – Name, green	1	22-807 to 22-1759 inclusive
-21	-80222-023		CLAMP	1	
-22	-80222-023		CLAMP	1	
-23	U81262-046		LINK	7	
-24	U80222-024		CLAMP	1	
-25	13065-00		PEDAL ASSEMBLY	1	
-26	13064-00	A	TUBE ASSEMBLY – Torque	1	
	13064-02	B	TUBE ASSEMBLY – Torque	1	
	14691-00		TUBE ASSEMBLY – Torque	1	22-3218, 22-3387 and up
	14691-02	C	TUBE ASSEMBLY – Torque	1	
-27	13066-00		TUBE ASSEMBLY – Torque	1	
	13066-02	D	TUBE ASSEMBLY – Torque	1	
			A – Used on PA-22 with serial numbers 22-1 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.		
			B – Used when ski installation is installed on PA-22 with serial numbers 22-1 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.		
			C – Used when ski installation is installed on PA-22 with serial numbers 22-3218, 22-3387 and up.		
			D – Used when ski installation is installed on PA-22 with serial numbers 22-1 and up.		

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
31-	12988		DRAWING – Stabilizer Adjustment Crank Installation		
-1	U12105-000		PIN – Stabilizer adjustment crank	1	
-2	-81761-004		PIN – Stabilizer adjustment crank pulley locking	1	
-3	-81761-011		PIN – Stabilizer adjustment crank locking	1	
-4	-85012-018		WASHER – Stabilizer crank control pulley bracket attachment	1	
-5	12987-02		GUARD – Stabilizer adjustment crank pulley	1	
-6	U12983-000		PULLEY – Stabilizer adjustment crank	1	
-7	41121-03		INDICATOR ASSEMBLY – Stabilizer	1	
-8	U42891-000		SPRING – Stabilizer indicator wire	1	
-9	U41151-000		SPRING – Stabilizer crank escutcheon plate	1	
-10	12103-00		PLATE – Support, stabilizer indicator	1	
-11	U12102-000		PLATE – Cover, stabilizer indicator	1	
-12	U41101-000		PLATE – Stabilizer crank escutcheon	1	
-13	13448-00		CRANK ASSEMBLY – Stabilizer adjustment	1	22-354 and up
	U41111-000		CRANK ASSEMBLY – Stabilizer adjustment	1	22-1 to 22-353 inclusive
-14	U80012-004		BUSHING	1	
-15	U80122-018		WASHER	1	
-16	U80421-000		PULLEY – 1-3/4 inch	1	
-17	U11692-005		BRACKET – Stabilizer adjustment cable tension pulley and spring attachment	1	
-18	MS20392-1C23		PIN	1	
-19	U81411-002		SPRING – Tension, stabilizer adjustment	1	
-20	U80002-025		CLAMP – Tension spring attachment	1	

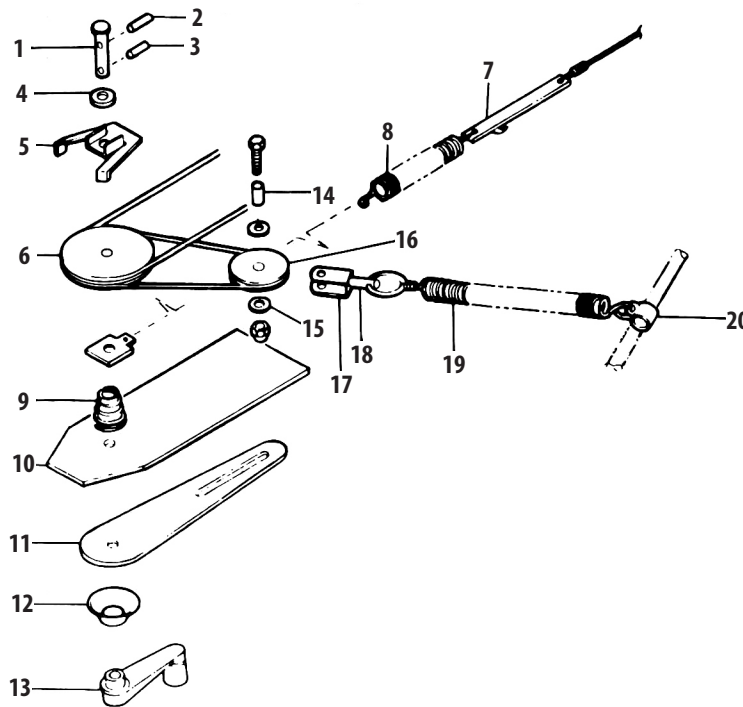


Figure 31. Stabilizer Adjustment Crank Installation

PA-22 TRI-PACER PARTS CATALOG

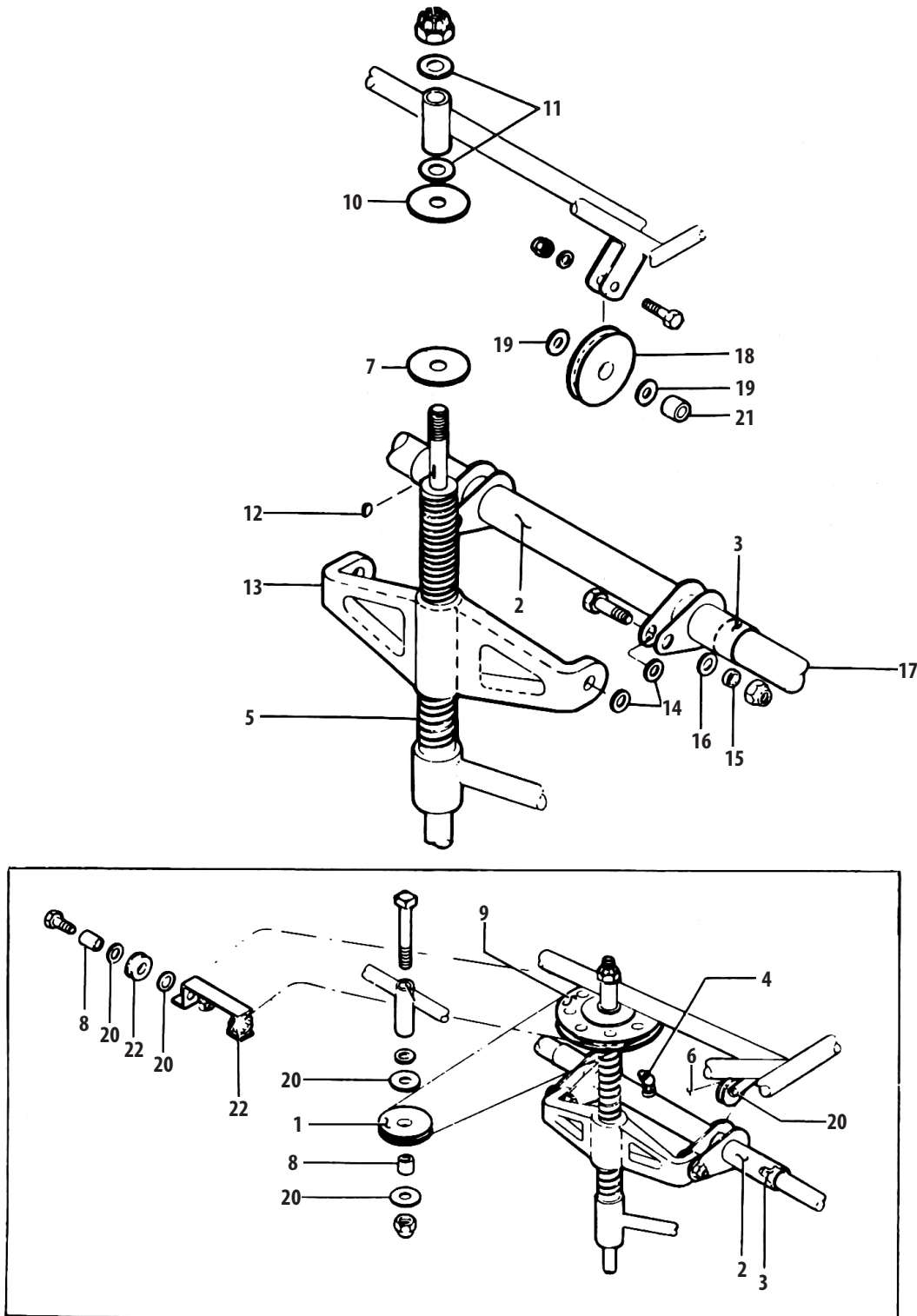


Figure 32. Stabilizer Adjustment Mechanism Installation

STABILIZER ADJUSTMENT
MECHANISM INSTALLATION

SECTION IV
Control Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
32-	12989		DRAWING – Stabilizer Adjustment Mechanism Installation		
-1	U80421-000		PULLEY – 1-3/4 inch	1	
-2	U14179-000		LINK ASSEMBLY – Stabilizer adjustment	1	
-3	U14177-000		BUSHING – Brass	2	
-4	1688		FITTING – Grease, stabilizer adjustment, No. 1688	1	
-5	U42961-102		SCREW – Stabilizer adjustment	1	
-6	U42664-003		WIRE – Stabilizer, indicator (18-8S Type 304)	124"	
-7	U80122-041		WASHER – Stabilizer screw pulley	1	
-8	U80012-004		BUSHING – Stabilizer adjustment control cable pulley	3	
-9	U12982-000		PULLEY – 4 inch stabilizer screw, aluminum	1	
-10	U81342-005		WASHER – Stabilizer screw pulley	1	
-11	NAS1149F0632P		WASHER – Spacer, stabilizer screw bearing	2	
-12	U41631-000		KEY – Stabilizer screw pulley	1	
-13	U42692-000		YOKE ASSEMBLY – Stabilizer adjustment (Cast aluminum)	1	
-14	-81342-008		WASHER – Stabilizer link attachment	4	
-15	80012-32		BUSHING – Indicator wire attachment	1	
-16	80122-24		WASHER – Link tube attachment	2	
-17	U86062-080		TUBE – Liner, stabilizer adjustment	1	
-18	U481-609		PULLEY – 1-1/2 inch, stabilizer indicator wire	1	
-19	U80122-018		WASHER – Stabilizer indicator wire pulley installation	2	
-20	U80122-018		WASHER – Stabilizer adjustment control cable pulley installation	6	
-21	U80012-004		BUSHING – Indicator wire pulley	1	
-22	U43001-000	A	PULLEY – 1 inch, stabilizer adjustment control	2	
	U11200-000		PULLEY – 1 inch, stabilizer adjustment control	2	22-8392 to 22-8395 inclusive, 22-8398, 22-8400 and up
			A – Used on PA-22 with serial numbers 22-1 to 22-7642 inclusive, 22-8000 to 22-8391 inclusive, 22-8396, 22-8397, 22-8399.		

PA-22 TRI-PACER PARTS CATALOG

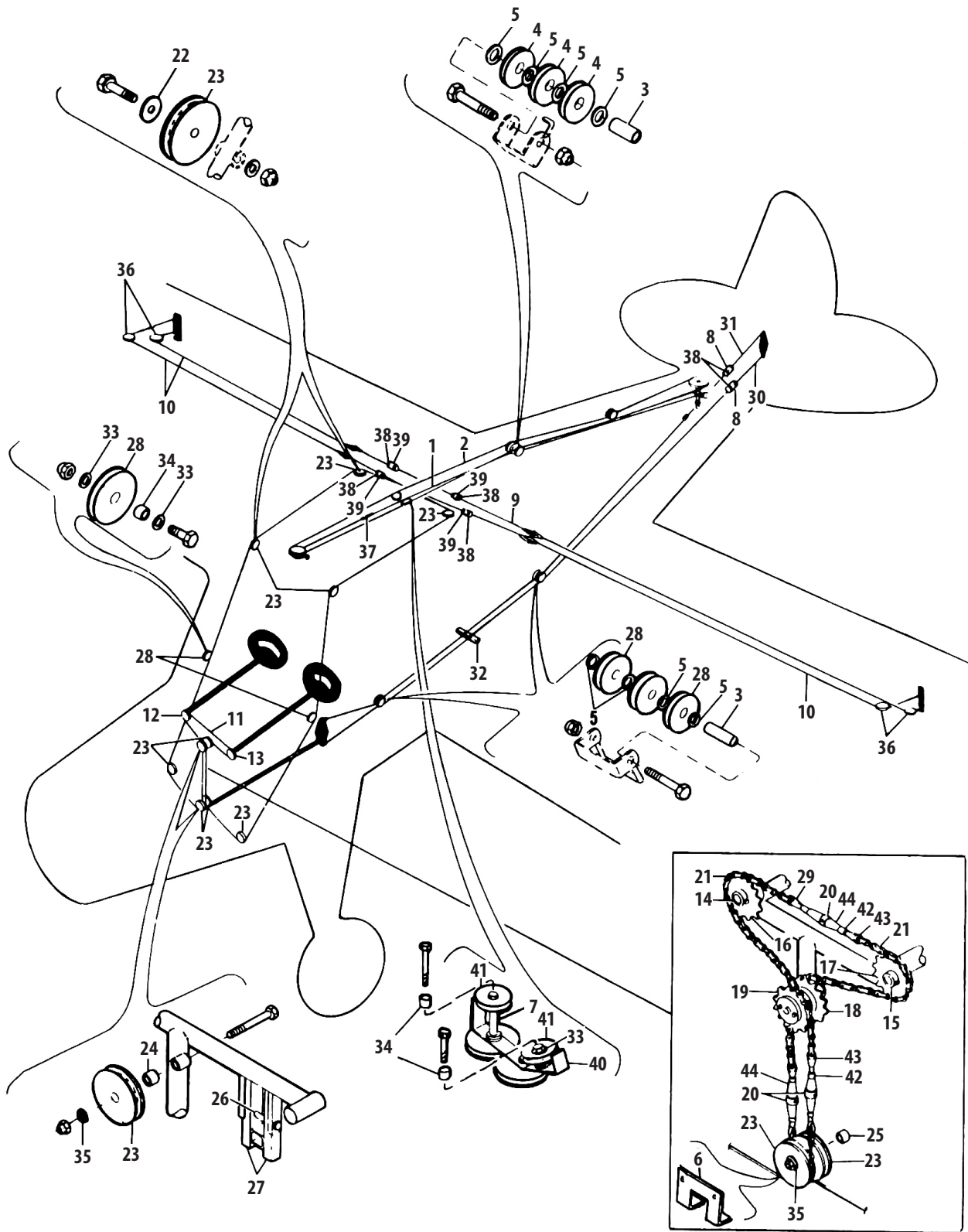


Figure 33. Aileron, Elevator and Stabilizer Adjustment Control

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
33-	13906		DRAWING – Control Cables Installation		22-807 and up
	13111		DRAWING – Control Cables Installation		22-1 to 22-806 inclusive
	14696		DRAWING – Fuselage Assembly, Complete		22-3218, 22-3387 to 22-7642 inclusive
	15143		DRAWING – Fuselage Assembly, Complete		22-8000 and up
-1	U42664-003		WIRE – Stabilizer, indicator (18-8S Type 304)	124"	
-2	U41671-016		CABLE ASSEMBLY – Stabilizer adjustment	1	
-3	-80022-067		BUSHING – Insert	3	22-1 to 22-7642 inclusive
	U80012-004		BUSHING – Insert	2	22-8000 and up
-4	U43001-000	B	PULLEY – Stabilizer adjustment control	3	
	U11200-000		PULLEY – Stabilizer adjustment control	3	22-8392 to 22-8395 inclusive, 22-8398, 22-8400 and up
-5	U81342-042		WASHER – Spacer	12	22-1 to 22-7642 inclusive
	U80122-018		WASHER – Spacer	8	22-8000 and up
-6	14503-00		GUARD – Aileron cables, bottom of control column	1	22-2378, 22-2425 and up
-7	U80012-004		BUSHING – Insert	3	22-1 to 22-7642 inclusive
-8	U40071-000		FAIRLEAD – Cable, segment, elevator	4	
-9	U40123-069		CABLE – Aileron balance, in top deck	1	
-10	U11527-002		CABLE ASSEMBLY – Aileron control, in wing	4	
-11	-12526-000		CABLE ASSEMBLY – Aileron control column, top	1	22-1 to 22-353 inclusive
-12	12522-02		SHAFT AND PULLEY ASSEMBLY – Wheel control, top of control column, RH	1	22-1 to 22-353 inclusive
-13	12522-03		SHAFT AND PULLEY ASSEMBLY – Wheel control, top of control column, LH	1	22-1 to 22-353 inclusive
-14	12520-04	A	SHAFT – Sprocket, wheel control, RH	1	
-15	-12520-005	A	SHAFT – Sprocket, wheel control, LH	1	
-16	13460-00	A	SPROCKET ASSEMBLY – Upper (12 teeth) RH	1	
-17	-13440-000	A	SPROCKET ASSEMBLY – Upper (12 teeth) LH	1	
-18	-13439-003	A	SPROCKET ASSEMBLY – Lower (15 teeth) rear	1	
-19	13439-02	A	SPROCKET ASSEMBLY – Lower (15 teeth) front	1	
-20	13676-00	A	BARREL – Turnbuckle, control column, chain installation	3	
-21	13415-05	A	CHAIN ASSEMBLY – Roller, control column	2	
-22	U81342-011		WASHER – Aileron cable pulley attachments	4	
-23	U41001-008		PULLEY – Aileron control cable, 2-3/4 inch diameter (8 per ship 1952, 1953 and 1954)	10	
-24	86102-75		BUSHING – Pulley installation control column 2 22-1 to 22-353 inclusive	2	22-1 to 22-353 inclusive
-25	86102-75	A	BUSHING – Pulley installation control column, bottom	1	
-26	86102-76		BUSHING – Spacer, control guide block attachment	1	
-27	12505-00		BLOCK – Control column guide, fiber	2	
-28	U80421-000		PULLEY – 1-3/4 inch diameter	6	
-29	13444-02	A	EYE – Turnbuckle, control column chain installation, upper right	1	
-30	40123-60		CABLE ASSEMBLY – Elevator, to lower horn	1	
-31	40123-67		CABLE ASSEMBLY – Elevator, upper horn	1	
-32	U40721-002		BLOCK – Rubbing, elevator control	1	

A – Used on PA-22 with serial numbers 22-354 and up.
B – Used on PA-22 with serial numbers 22-1 to 22-7642 inclusive, 22-8000 to 22-8391 inclusive, 22-8196, 22-8397, 22-8399.

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
33-33	U80122-018		WASHER	10	
-34	U80012-004		BUSHING – Insert	5	
-35	U81342-011		WASHER – Aileron cable pulley attachment on control	AR	
-36	U40991-000		PULLEY – Aileron cable (in wing)	4	
-37	U42911-000		FAIRLEAD – Stabilizer indicator wire in top deck	1	
-38	U40081-000		RING – Snap, fairlead	6	
-39	U40701-000		FAIRLEAD – Cable (segment) aileron 1-1/16 inch long	8	
-40	U12772-000		BRACKET – Stabilizer adjustment cable pulley attachment at top fuselage station No. 4	1	22-1 to 22-7642 inclusive
-41	U43001-000	A	PULLEY – Stabilizer adjustment control, 1 inch fiber	2	
	U11200-000		PULLEY – Stabilizer adjustment control, 1 inch fiber	2	22-8392 to 22-8395 inclusive, 22-8398, 22-8400 and up
-42	U82732-076		BUSHING – Chain to turnbuckle attachment	4	22-354 and up
-43	-472-684		LINK – Coupler, roller chain to turnbuckle	4	22-354 and up
-44	13444-03		EYE – Turnbuckle, control column chain installation, left and lower	3	22-354 and up
<p>A – Used on PA-22 with serial numbers 22-1 to 22-7642 inclusive, 22-8000 to 22-8391 inclusive, 22-8396, 22-8397, 22-8399.</p>					

PA-22 TRI-PACER PARTS CATALOG

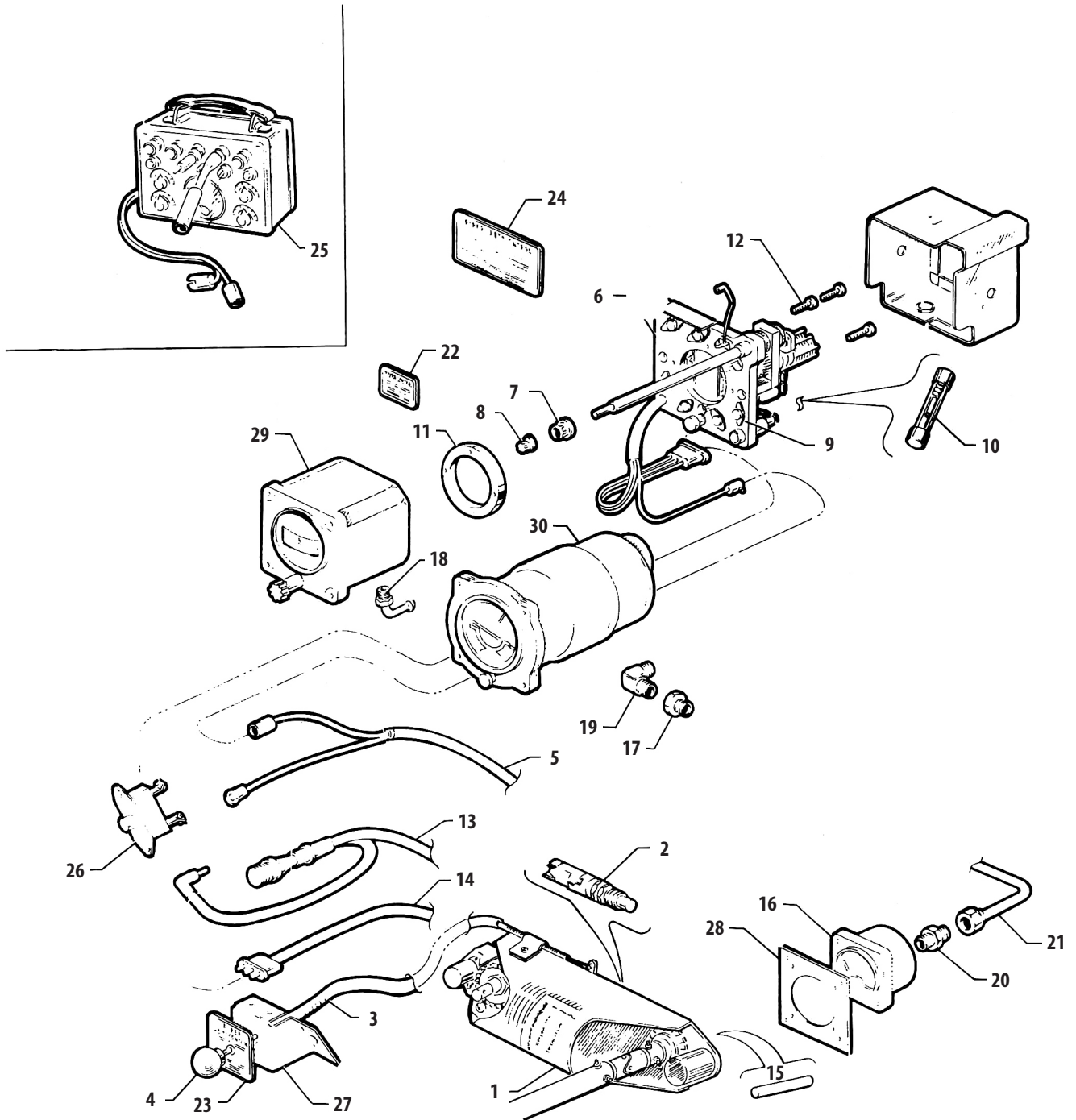


Figure 33A. AutoControl Installation

AUTOCONTROL INSTALLATION

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
33A-	14970		DRAWING – AutoControl Installation		
-1	753-503		MOTOR ASSEMBLY – Roll servo	1	
-2	752-967		SWITCH – Roll servo (#40518)	1	
-3	751-519		CABLE ASSEMBLY – Control	1	
-4	754-211		KNOB – Engage control cable	1	
-5	751-520		CABLE ASSEMBLY – Power supply	1	
-6	751-232		AMPLIFIER – (Complete)	1	
-7	754-209		KNOB – Turn	1	
-8	754-210		KNOB – Trim	1	
-9	753-004		TRANSISTOR – 9 (2N250)	4	
-10	AGC-10		FUSE – 10 AMP (751-783)	1	
-11	752-955		RING – Spacer	1	
-12	752-956		SCREW – Attaching	3	
-13	751-521		CABLE ASSEMBLY – Gyros to servo	1	
-14	751-522		CABLE ASSEMBLY – Directional gyro to servo	1	
-15	752-963		SHAFT – Roll servo (#47A68)	1	
-16	450-648		INSTRUMENT – Suction gauge	1	
-17	3224X2		BUSHING	1	
-18	AN842-6D		ELBOW	2	22-1 to 22-7642 inclusive, 22-8000 to 22-8709 inclusive
	458-945		ELBOW – (#134A3)	2	22-8710 and up
-19	MS20822-3D		ELBOW	2	
-20	AN816-3D		NIPPLE	1	
-21	14994-00		LINE ASSEMBLY – Suction gauge	1	
-22	19563-00		PLACARD – Turn control	1	
-23	19562-00		PLACARD – Control engage	1	
-24	19561-00		PLACARD – Operation	1	
-25	751-412		TEST EQUIPMENT	1	
-26	454-664		CIRCUIT PROTECTOR – (3003) Wood	1	
-27	14990-00		BRACKET – Control mounting	1	
-28	11199-03		PLATE – Mounting	1	
-29	450-725		INSTRUMENT – Directional gyro	1	
-30	450-724		INSTRUMENT – Gyro horizon	1	

PA-22 TRI-PACER PARTS CATALOG

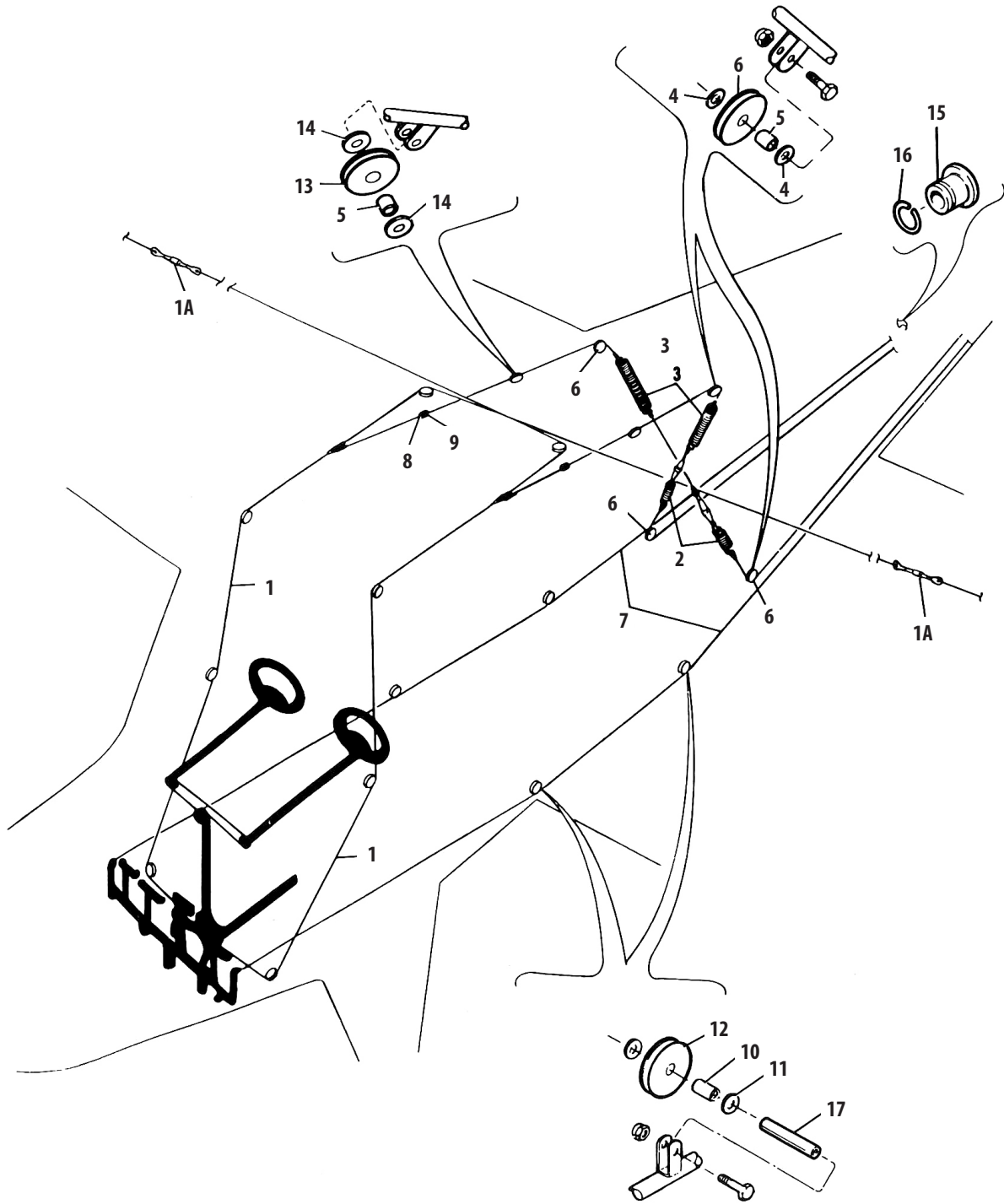


Figure 34. Aileron and Rudder Interconnecting System

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
34-1	U13108-000		CABLE ASSEMBLY – Interconnecting, aileron and rudder control	1	22-1 to 22-806 inclusive
	U13108-002		CABLE ASSEMBLY – Interconnecting, aileron and rudder control	1	22-807 to 22-7642 inclusive
	U12514-000		CABLE ASSEMBLY – Aileron	1	22-8000 and up
-1a	U42722-000		TURNBUCKLE ASSEMBLY – Aileron control cable	2	
-2	-13098-000	B	SPRING – Tension, connecting, interconnecting control cable (rudder and aileron), lower	2	
-3	-487-291	B	SPRING – Tension, interconnecting cable, upper (rudder and aileron)	2	
-4	U80122-018	B	WASHER – Station No. 6, interconnecting cable pulley installation	8	
-5	U80012-004	B	BUSHING – Insert, interconnecting cable pulley (6 per ship 1953 Model)	4	
-6	U80421-000	B	PULLEY – 1-3/4 inch diameter	4	
-7	U13109-000		CABLE ASSEMBLY – Rudder	2	22-1 to 22-806 inclusive
	U13109-002	A	CABLE ASSEMBLY – Rudder, RH	1	
	U13109-003	A	CABLE ASSEMBLY – Rudder, LH	1	
	U13109-010		CABLE ASSEMBLY – Rudder, RH	1	22-3218, 22-3398 to 22-7642 inclusive
	U13109-012		CABLE ASSEMBLY – Rudder, LH	1	22-3218, 22-3398 to 22-7642 inclusive
	U11641-007		CABLE ASSEMBLY – Rudder	2	22-8000 and up
-8	U40071-000	B	FAIRLEAD – Segment (at interconnecting cable in top deck, right and left) 13/16 inch long	4	
-9	U40081-000	B	RING – Snap, fairlead (at interconnecting cable, top deck, right and left)	2	
-10	U80012-004		BUSHING – Insert, rudder cable pulley	4	22-1 to 22-7642 inclusive
	-61402-027		BUSHING – Insert, rudder cable pulley	2	22-8000 and up
-11	U81342-042		WASHER – Spacer, rudder cable pulley	8	
-12	U11200-000		PULLEY – Rudder cable, 1-1/8 inch fiber	4	22-1 to 22-7642 inclusive
	U80421-000		PULLEY – Rudder cable, 1-3/4 inch fiber	6	22-8000 and up
-13	U11200-000	B	PULLEY – 1-1/8 inch fiber interconnecting control cable (between fuselage stations No. 4 and No. 5)	2	22-807 and up
-14	U80122-018	B	WASHER – Interconnecting cable pulley installation (between fuselage stations No. 4 and No. 5, top)	4	22-807 and up
-15	U40071-000		FAIRLEAD SEGMENT – Rudder cables	4	
-16	U40081-000		RING – Snap, fairlead	4	
-17	-80022-067		BUSHING – Insert, rudder cable pulley	2	
			A – Used on PA-22 with serial numbers 22-807 to 22-2599 inclusive, 22-2600 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive. B – Not used on PA-22-108.		

PA-22 TRI-PACER PARTS CATALOG

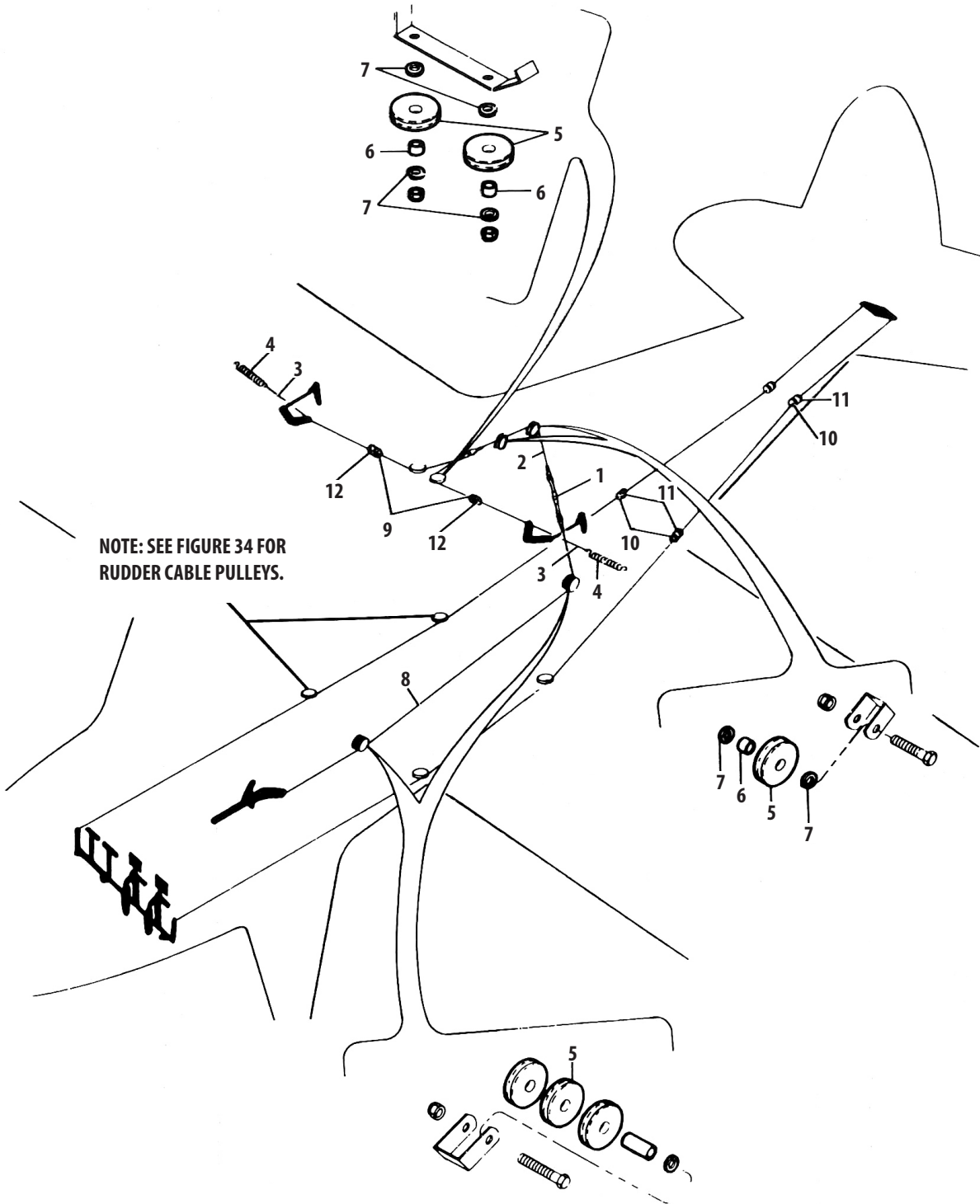


Figure 35. Rudder and Flap Control System
(Serial Nos. 22-1 to 22-7642 inclusive)

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
35-1	13676-00	A	BARREL – Turnbuckle, flap control, connecting	1	
-2	U12515-000		CABLE ASSEMBLY – Flap control (upper to wing panel) “125” and “135”	1	22-1 to 22-806 inclusive
	U12515-003		CABLE ASSEMBLY – Flap control (upper to wing panel)	1	22-807 and up
-3	11694-02		CABLE – Flap return, “125”, “135” and “150” and “160”	2	
-4	U10940-000		SPRING – “125”, “135” and “150” and “160”	1	
-5	U80421-000		PULLEY – 1-3/4 inch flap cable control (6 per ship 1953 and 1954 Models) “150” and “160”	5	
-6	U80012-004		BUSHING – Insert, flap cable control (4 per ship 1953 and 1954 Models) “150” and “160”	3	
-7	U80122-018		WASHER – Flap cable control	6	
	U80122-018		WASHER – Flap cable control (fuselage station No. 6, top)	2	22-807 and up
-8	U40123-080		CABLE ASSEMBLY – Flap control, lower “125” and “135”	1	22-1 to 22-806 inclusive
	U40123-093		CABLE ASSEMBLY – Flap control, lower	1	22-807 and up
-9	U40081-000		RING – Snap, fairlead	2	
-10	U40071-000		FAIRLEAD – Cable (segment) rudder, 1-3/16 inch long	8	
-11	U40081-000		RING – Snap, fairlead	4	
-12	U40701-000		FAIRLEAD – Cable, segment	4	
<p>A – Used on PA-22 with serial numbers 22-807 to 22-2599 inclusive, 22-2600 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.</p>					

PA-22 TRI-PACER PARTS CATALOG

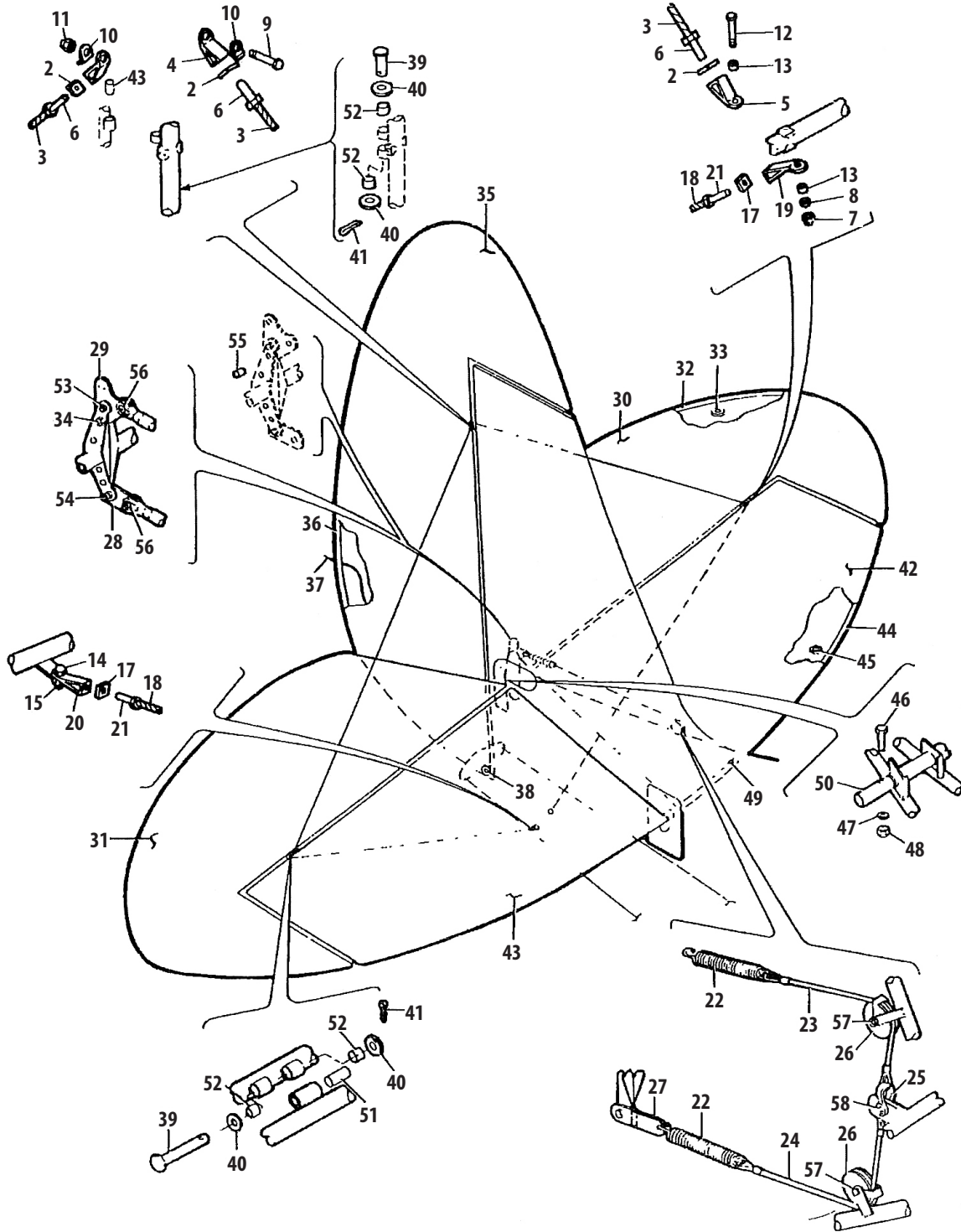


Figure 36. Tail Surfaces Installation

TAIL SURFACES INSTALLATION

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
36-			11825 – Tail Surface Installation	2	
-1	U10555-002		WIRE ASSEMBLY – Brace Upper	2	
-2	U81102-002		WASHER – Square	2	
-3	U41031-002		WIRE	1	
-4	U61341-003		CLEVIS	1	
-5	U61341-002		CLEVIS	1	
-6	U41051-000		NIPPLE	2	
-7	MS21044N3		NUT – Elastic stop nut (406-681)	2	
-8	NAS1149F0363P		WASHER (407-564)	2	
-9	AN4-15A		BOLT – (401-315)	1	
-10	U40131-000		WASHER – Tail brace	2	
-11	MS21044N4		NUT – (406-682)	1	
-12	AN3-15A		BOLT – (401-274)	2	
-13	U82732-072		BUSHING	4	
-14	AN3-5A		BOLT – (401-266)	2	
-15	MS21044N3		NUT – Elastic stop nut (406-681)	2	
-16	U10556-002		WIRE ASSEMBLY – Brace Lower	2	
-17	U81102-002		WASHER – Square	2	
-18	U41031-003		WIRE	1	
-19	U61341-004		CLEVIS	1	
-20	U61340-000		CLEVIS	1	
-21	U41051-000		NIPPLE	2	
-22	U10940-002		SPRING – Bungee Cable	2	
-23	U40123-061		CABLE ASSEMBLY – Control Bungee, upper	1	
-24	U40123-070		CABLE ASSEMBLY – Control Bungee, lower	1	
-25	MS20115F6		SHACKLE – Cable (486-563, AN115-6)	1	
-26	U80421-000		PULLEY – 1-3/4 inch	2	
-27	U81322-015		LINK – Offset, lower bungee spring	1	
-28	U41271-004		LINK – Elevator horn, lower	1	
-29	U10449-000		LINK – Elevator horn, upper	1	
-30	12650-00		ELEVATOR ASSEMBLY – Covered, LH	1	
-31	12650-01		ELEVATOR ASSEMBLY – Covered, RH	1	
-32	U12649-000		ELEVATOR ASSEMBLY – Uncovered	1	
-33	U80122-053		GROMMET – Drain	4	
-34	AN4-6A		BOLT – (400-003)	1	
	NAS1149F0463P		WASHER – (407-565)	2	
	MS21044N4		STOP NUT – (406-682)	1	
-35	12753-000		RUDDER ASSEMBLY – Covered	1	
			Above parts are for aircraft with round tail brace wires. Above parts are used for aircraft if Piper Service Letter 400 has been complied with.		

TAIL SURFACES INSTALLATION

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
36-36	U40622-007		RUDDER ASSEMBLY – Uncovered	1	
-37	-12177-039		WIRE ASSEMBLY – Tail Light	1	
-38	U80122-053		GROMMET – Drain	2	
-39	MS20392-3C55		PIN – Tail Surface Hinge (424-224)	6	
-40	U80122-086		WASHER – Tail Surface Pin	12	
-41	AN380-2-2		COTTER PIN – (424-051)	6	
-42	U12647-000		STABILIZER ASSEMBLY – Uncovered, LH	1	
-43	U12647-000		STABILIZER ASSEMBLY – Uncovered, RH	1	
-44	U12647-000		STABILIZER ASSEMBLY – Uncovered	1	
-45	U80122-053		GROMMET – Drain	3	
-46	AN3-12A		BOLT – Rear (400-443)	2	
-47	NAS1149F0363P		WASHER – (407-564)	4	
-48	MS21044N3		STOP NUT – Elastic (406-681)	4	
-49	AN3-13A		BOLT – (400-444)	2	
-50	U86062-079		TUBE – Stabilizer Real Liner	1	
-51	U80022-044		BUSHING – Bronze, insert, long, tail surfaces	6	
-52	U80022-045		BUSHING – Bronze, insert, short, tail surfaces	12	
-53	AN3-5A		BOLT – (401-266)	1	
	MS21044N3		STOP NUT – Elastic (406-681)	1	
	NAS1149F0363P		WASHER – (407-564)	2	
-54	AN23-10		BOLT – CLEVIS (400-672)	1	
	AN310-3		NUT – (404-100)	1	
	AN380-2-2		COTTER PIN – (424-051)	1	
-55	U80012-017		BUSHING – Elevator horn, rear upper link attachment	1	
-56	AN23-12		BOLT – (400-674)	2	
	NAS1149F0363P		WASHER – (407-564)	2	
	AN310-3		NUT – (404-100)	2	
	AN380-2-2		COTTER PIN – (424-051)	2	
-57	AN4-7		BOLT – (400-104)	2	
	AN380-2-2		COTTER PIN – (424-051)	2	
	AN310-4		NUT – (400-104)	2	
-58	AN3-6A		BOLT (400-440)	1	
	MS21044N3		STOP NUT – Elastic (406-681)	1	
			Above parts are for aircraft with round tail brace wires.		
			Above parts are used for aircraft if Piper Service Letter 400 has been complied with.		

PA-22 TRI-PACER PARTS CATALOG

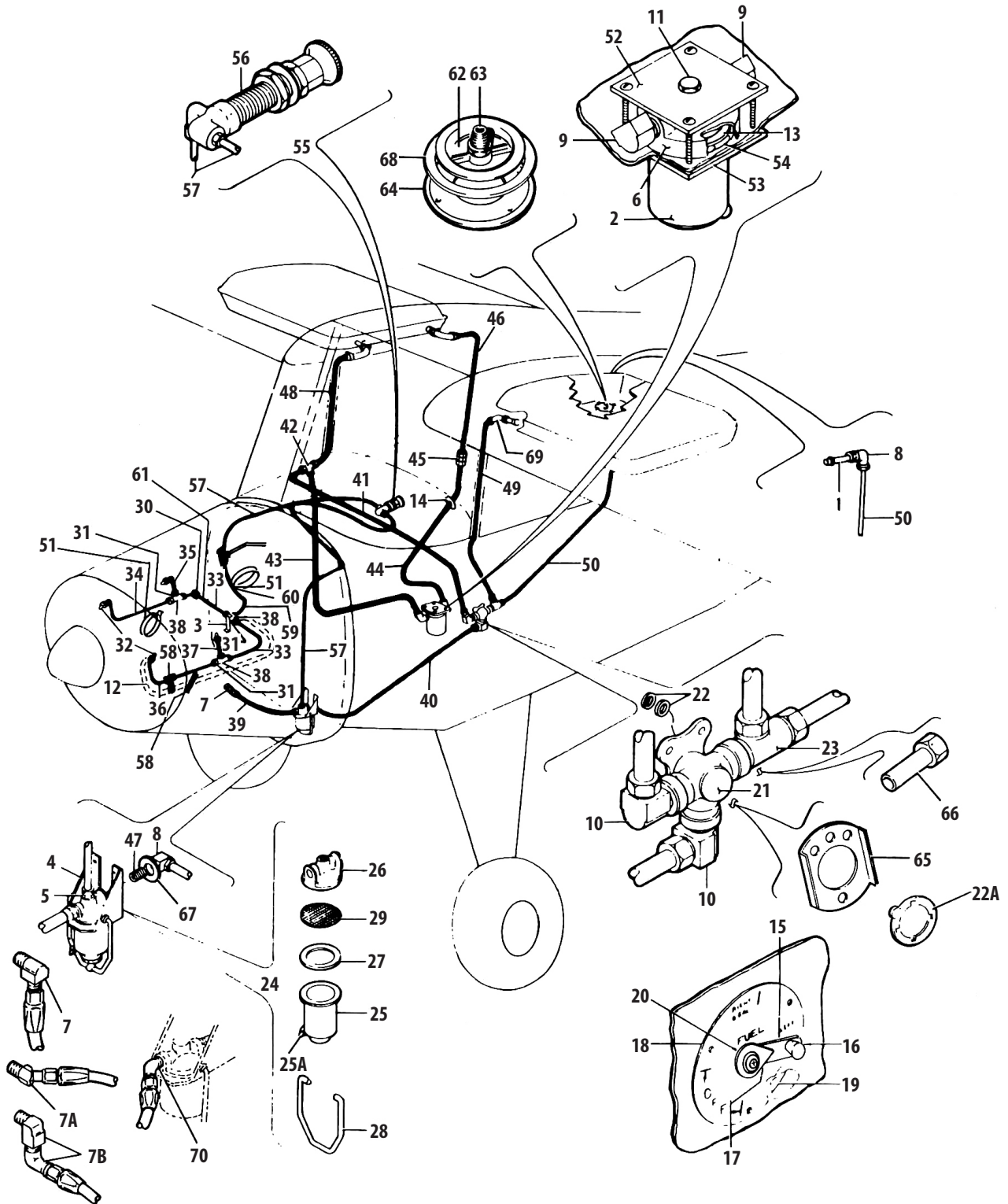


Figure 37. Fuel System Installation

FUEL SYSTEM INSTALLATION

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
37-	12708	A	DRAWING – Fuel System Installation		
	14465		DRAWING – Fuel System Installation		22-2378, 22-2425 to 22-7642 inclusive
	15139	E	DRAWING – Fuel System Installation		22-8000 and up
-1	AN840-6D		ADAPTER – Fuel line to left rear tank	1	
-2	U12764-000	D	BOWL – Fuel strainer, E-Z drain type, bottom fuselage	1	
-3	-12870-000	A	BRACKET – Primer line tee attachment at rear engine	1	
-4	U71991-000		BRACKET ASSEMBLY – Fuel strainer mounting	1	
-5	200X2		CONNECTOR – Primer line to gascolator	1	
-6	U87477-002		COVER – Rear fuel strainer	1	
	U87477-002	D	COVER – Rear fuel strainer, bottom of fuselage	1	22-2378, 22-2425 and up
-7	402X6	BC	ELBOW – Flexible fuel line to carburetor attachment	1	
-7a	352X6	CE	ELBOW – Flexible fuel line to carburetor attachment	1	
-7b	3400X4		ELBOW – Flexible fuel line to carburetor attachment	1	22-9393 and up
	MS20822-6D		ELBOW – Flexible fuel line to carburetor attachment (AN822-6D)	1	22-9393 and up
-8	450X6		ELBOW – (1) Fuel line to gascolator (1) fuel line to left rear tank	2	22-1 to 22-9000 inclusive
	352X6		ELBOW – (1) Fuel line to gascolator (1) fuel line to left rear tank	2	22-9001 and up
-9	402X6	D	ELBOW – Fuel line to rear fuel strainer attachment	2	
-10	402X6	D	ELBOW – (Shutoff to right wing tank) 1 per ship (Shutoff to gascolator) 1 per ship	2	
-11	3152X2	D	PLUG – Piper, top of rear strainer (not used when auxiliary fuel tank is installed)	1	
-12	11987-19	A	LINE ASSEMBLY – Primer tee (rear of engine) to left front cylinder, when manifold pressure gauge is installed	1	
-13	U85012-032	D	GASKET – Rear fuel strainer	1	
-14	MS35489-11	D	GROMMET – Rubber right rear fuel line attachment to frame	1	
-15	U13033-000	B	HANDLE – Fuel to shutoff	1	
-16	-471-051	A	KNOB – Fuel valve shutoff handle	1	
	U471-059	B	KNOB – Fuel shutoff valve handle (#3001-SD)	1	22-2378, 22-2425 and up
-17	-12857-000	B	POINTER – Fuel valve	1	
-18	U12709-003BK		PLATE – Indicator, fuel shutoff valve, black	1	
	U12709-003RD		PLATE – Indicator, fuel shutoff valve, red	1	
	15119-00	E	PLATE – Indicator, fuel shutoff valve	1	
-19	U12709-002		PLATE – Reinforcement fuel valve indicator	1	
			A – Used on PA-22 with serial numbers 22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive.		
			B – Not used on PA-22-108.		
			C – If Kit 754-439 has been installed, order parts for Serial Nos. 22-9393 and up.		
			D – Optional equipment on PA-22-108.		
			E – Used on PA-22-108.		

FUEL SYSTEM INSTALLATION

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
37-20	-85012-067	D	WASHER – Fuel valve handle installation	1	
-21	U491-947K2	F	VALVE ASSEMBLY – Fuel shutoff	1	
	492-014	E	VALVE ASSEMBLY – Fuel shutoff	1	
-22	752-692	BG	GASKET	2	
	-752-822	C	“O” RING	1	22-1760 and up
-22a	-756-645		WASHER – Fuel valve	1	
-23	488-375	E	TEE – Inverted, left wing tank, fuel lines to shutoff valve (W/H 752 x 6)	1	
	488-313	F	TEE – Inverted, left wing tank, fuel lines to shutoff valve (W/H 702 x 6)	1	
-24	U14330-002	A	STRAINER ASSEMBLY – Fuel (complete)	1	
-25	U12764-000	A	BOWL – (E-Z drain type)	1	
-25a	CCA-1550		DRAIN	1	
-26	U87477-002	A	COVER – Strainer	1	
-27	U85012-032	A	GASKET	1	
-28	U494-644	A	BAIL WIRE ASSEMBLY	1	
-29	U750-272	A	SCREEN – (#130P)	1	
-30	U80032-069	A	CLAMP – Primer lines attachment on engine	4	
-31	U14470-000	A	BRACKET – Mounting, primer line tees	3	
-32	U31197-000		JET – Primer, straight (includes ball sleeve and compression nut) (4 per ship with four cylinder priming)	2	
-33	-11987-009		LINE ASSEMBLY – Primer tee (rear of engine) to rear cylinder	2	22-1 to 22-1759 inclusive
-34	-10143-020		LINE – Primer, at right front cylinder	1	22-1 to 22-1759 inclusive
	10143-89	H	LINE – Primer, at right front cylinder	1	
	-11987-061		LINE – Primer, at right front cylinder	1	22-3218, 22-3387 and up
-35	-10143-061		LINE – Primer, at right rear cylinder	1	22-1 to 22-1759 inclusive
	-10143-018	A	LINE – Primer, at right rear cylinder	1	
-36	-10143-020		LINE – Primer, at left front cylinder	1	22-1 to 22-1759 inclusive
	-10143-091	A	LINE – Primer, at left front cylinder	1	
-37	-10143-061		LINE – Primer, at left rear cylinder	1	22-1 to 22-1759 inclusive
	-10143-095	A	LINE – Primer, at left rear cylinder	1	
-38	702X2		TEE – Primer lines at engine (3 per ship with four cylinder priming)	1	

A – Used on PA-22 with serial numbers 22-2378, 22-2425 and up.
B – Used with fuel valves which have a brass plug.
C – Used with fuel valves which have a nickel silver plug.
D – Not used on PA-22-108.
E – Used on PA-22-108.
F – Optional equipment on PA-22-108.
G – Used on PA-22 with serial numbers 22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive.
H – Used on PA-22 with serial numbers 22-2378, 22-2425 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.

FUEL SYSTEM INSTALLATION

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
37-39	U17766-66	CD	LINE ASSEMBLY – Fuel, flexible, strainer to carburetor	1	22-9393 and up
-40	U11973-003		LINE ASSEMBLY – Fuel, shutoff valve to gascolator	1	
	U11973-009	E	LINE ASSEMBLY – Fuel, shutoff valve to gascolator	1	
-41	U12866-000	G	LINE ASSEMBLY – Fuel, right front tank, tee to shutoff	1	
	U12866-003	AF	LINE ASSEMBLY – Fuel, right front tank, tee to shutoff	1	
-42	64X6	G	TEE – Compression, right front fuel line	1	
	488-313	AF	TEE – Inverted (W/H No. 702 x 6) right front fuel line	1	
-43	U12864-003		LINE ASSEMBLY – Fuel, right front tank, tee to rear strainer	1	22-354 to 22-4187 inclusive, 22-4189 to 22-4197 inclusive, 22-4200 and 22-4202
	U12864-000		LINE ASSEMBLY – Fuel, right front tank, tee to rear strainer	1	
	U12864-005	AF	LINE ASSEMBLY – Fuel, right front tank, tee to rear strainer	1	
-44	12862-00	B	LINE ASSEMBLY – Fuel, right rear tank, compression union to rear strainer	1	
	U12862-005	AF	LINE ASSEMBLY – Fuel, right rear tank, inverted union to strainer	1	22-8000 to 22-9000 inclusive
-45	491-080	B	UNION – Compression right rear fuel line connection (W/H No. 62 x 6)	1	
	302X6	AF	UNION – Inverted right rear fuel line connection	1	
-46	U12863-000	B	LINE – Fuel, right rear tank, tank to compression union	1	
	U14796-000	AF	LINE ASSEMBLY – Fuel, right rear tank, tank to inverted union	1	22-8000 to 22-9000 inclusive
-47	-476-640		NIPPLE – 1/4 NPT 1-1/8" long	1	
-48	U12865-000	B	LINE ASSEMBLY – Fuel, tee to front of right tank	1	
	14795-00	AF	LINE ASSEMBLY – Fuel, tee to front of right tank	1	
-49	U12574-000		LINE ASSEMBLY – Fuel, shutoff to front of left tank	1	22-1 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive
	U14605-000		LINE ASSEMBLY – Fuel	1	22-3218, 22-3387 and up
<p>A – Used on PA-22 with serial numbers 22-4188, 22-4198, 22-4199, 22-4201, 22-4203 and up.</p> <p>B – Used on PA-22 with serial numbers 22-1 to 22-4187 inclusive, 22-4189 to 22-4197 inclusive.</p> <p>C – Also order two clamps, Part No. 14929-03 when ordering this Hose Assembly for all PA-22-108 or PA-22-150 and PA-22-160 licensed or converted to utility category.</p> <p>D – When ordering for airplanes with serial numbers 22-1 to 22-9392, Installation Kit 754-439 must also be ordered.</p> <p>E – Used on PA-22-108.</p> <p>F – Optional equipment on PA-22-108.</p> <p>G – Used on PA-22 with serial numbers 22-1 to 22-4187 inclusive, 22-4189 to 22-4197 inclusive, 22-4200 and 22-4202.</p>					

FUEL SYSTEM INSTALLATION

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
37-50	14173-00	C	LINE ASSEMBLY – Fuel, shutoff to rear of left tank	1	
	15204-03	B	LINE ASSEMBLY – Fuel, shutoff to rear of left tank	1	22-9001 and up
	14173-03	B	LINE ASSEMBLY – Fuel, shutoff to rear of left tank	1	22-8000 to 22-9000 inclusive
-51	-18307-000		CLAMP – Primer line attachment to intake manifold tubes, right and left	2	22-2378, 22-2425 and up
-52	12868-02		PLATE – Top, rear fuel strainer mounting	1	22-1 to 22-2377 inclusive, 22-2379 to 22-2424 inclusive
	12868-04	D	PLATE – Top, rear fuel strainer mounting	1	22-2378, 22-2425 and up
-53	12868-03	D	PLATE – Bottom, rear fuel strainer mounting	1	
-54	12867-00	D	RING – Spacer, rear fuel strainer mounting	1	
-55	11382-00		PRIMER ASSEMBLY	1	
-56	U451-100	D	PUMP – Primer	1	
-57	-10143-065		LINE ASSEMBLY – Primer (to gascolator – 1 per ship) (to tee at engine – 1 per ship)	2	
-58	-90797-002		SLEEVE – Primer line attachment at left front cylinder	1	22-2378, 22-2425 and up
-59	11987-57		LINE ASSEMBLY – Primer tee at left rear side of engine to tee at cylinders	1	22-2378, 22-2425 and up
-60	10143-93	A	LINE ASSEMBLY – Primer tee at left rear side of engine to left front cylinder (used when manifold pressure gauge is installed)	1	
-61	-11987-055		LINE ASSEMBLY – Primer tee at left rear side of engine to right side tee	1	22-2378, 22-2425 and up
-62	15039-00	A	VALVE ASSEMBLY – Fuel drain	2	22-6785, 22-6858, 22-6980 to 22-7642 inclusive
	15039-00	B	VALVE ASSEMBLY – Fuel drain	1	22-8000 and up
-63	CCA-1600		VALVE – Quick drain	1	22-6785, 22-6858, 22-6980 and up
-64	-15038-000		PLATE – Fuel drain valve trim	2	22-6785, 22-6858, 22-6980 to 22-7642 inclusive
	-15038-000	B	PLATE – Fuel drain valve trim	1	22-8000 and up
-65	14307-00		WASHER – Fuel valve mounting	1	
-66	15133-00		LINE ASSEMBLY – Fuel valve to tee	1	
-67	-80122-067		WASHER – Fuel line to fuel strainer	1	
-68	U85012-078		WASHER – Fuel tank quick drain	1	
-69	U82371-010		HOSE – Fuel tank to fuel line	2	
-70	AN823-6D		ELBOW	1	22-9393 and up
			A – Not used on PA-22-108.		
			B – Used on PA-22-108.		
			C – When ordering for aircraft not equipped with an elbow and an adapter at tank end of line, it will be necessary to order one (1) each elbow Part No. 460-689 and one (1) each adapter Part No. 476-652 for proper installation.		
			D – Optional equipment on PA-22-108.		

PA-22 TRI-PACER PARTS CATALOG

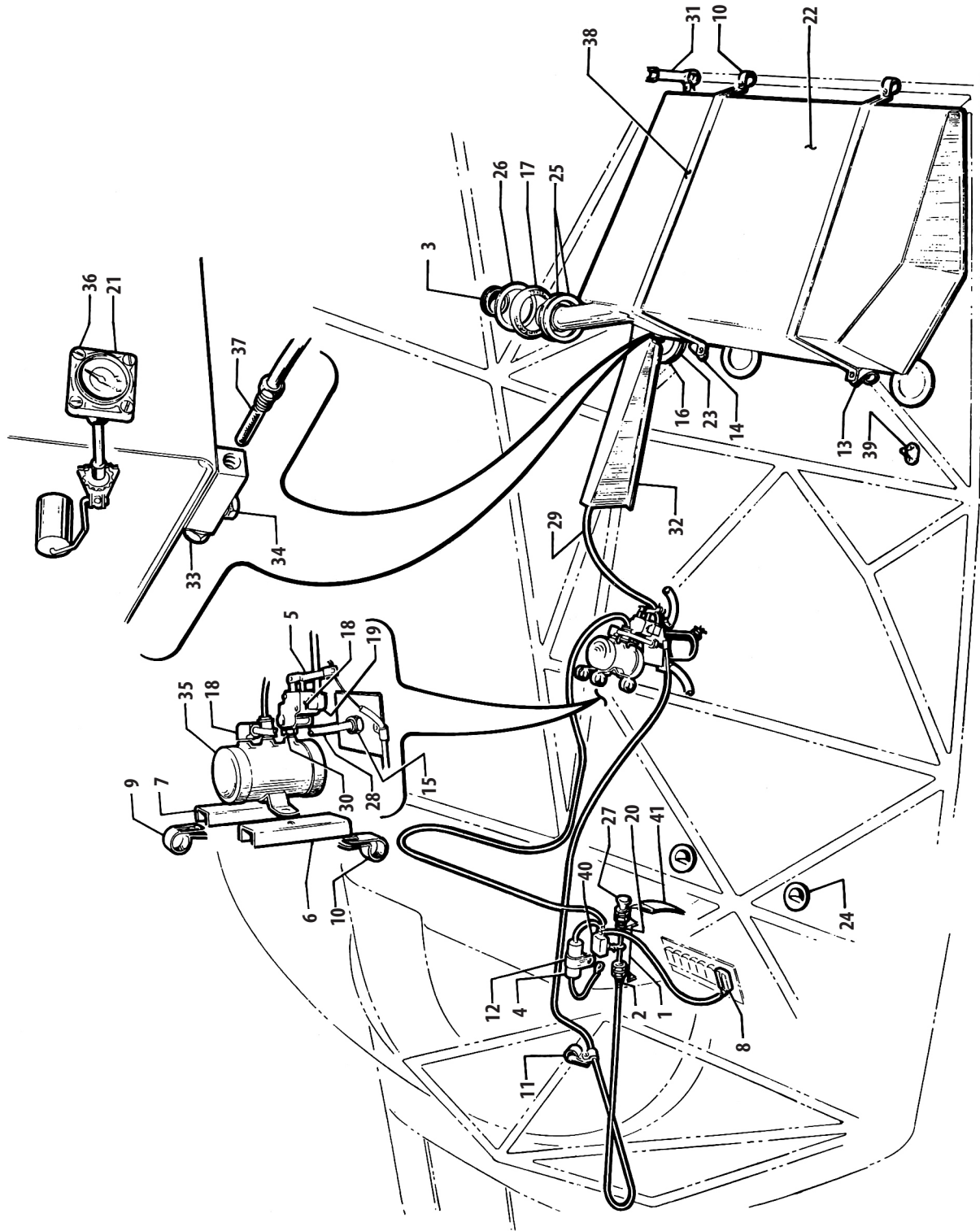


Figure 38. Auxiliary Fuel System Installation
(Serial Nos. 22-534 to 22-7642 inclusive)

AUXILIARY FUEL SYSTEM INSTALLATION
(Serial Nos. 22-534 to 22-7642)

SECTION V
Fuel System Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
38-	14454	A	DRAWING – Auxiliary Fuel Tank Installation, “135” and “150”		
-1	14523-00	A	BRACKET – Fuel pump switch, mounting	1	
-2	14524-00	A	CABLE ASSEMBLY – Control, valve and switch	1	
-3	454-009	A	CAP – Auxiliary fuel tank (Badger #600 S Special)	1	
-4	454-044	A	CAPACITOR – (500MFD 25 VD C) at fuel pump	1	
-5	492-038	A	VALVE ASSEMBLY – #4225-A2 fuel pump installation	1	
-6	14409-00	A	CHANNEL – Fuel pump mounting (short)	1	
-7	14410-00	A	CHANNEL – Fuel pump mounting (long)	1	
-8	W23X1A1G-5		CIRCUIT BREAKER – PSM5 Electric fuel pump installation (Spencer)	1	
-9	80032-39	A	CLAMP – Fuel pump channel attachment, top	2	
-10	U80032-075	A	CLAMP – Fuel pump channel attachment, bottom “2”; tank installation rear “2”	4	
-11	-80032-020	A	CLAMP – Cable attachment, electric pump valve control	3	
-12	80032-39	A	CLAMP – Attachment, capacitor	1	
-13	-80032-076	A	CLAMP – Fuel tank installation, front left	1	
-14	-80032-077	A	CLAMP – Fuel tank installation, front right	1	
-15	460-685	A	CONNECTOR – (W/H 200 x 4)	2	
-16	U12761-002	B	COVER – Inspection, round	4	
-17	U14446-000	A	DISC – (Aluminum, retainer, fuel tank neck grommet)	2	
-18	402X4	A	ELBOW – (W/H 400 x 4)	2	
-19	3400X2	A	ELBOW – Street	1	
-20	3400X2	A	FERRULE – Switch and valve control cable end	1	
-21	14522-00	A	GAUGE – Fuel, in tank	1	
-22	14396-00	A	TANK ASSEMBLY – Auxiliary fuel	1	
-23	80122-49	B	GROMMET – Fuselage	4	
-24	AN231-4	A	GROMMET – Fuselage	2	
-25	81342-81	A	GROMMET – (Pyralin) Fuel tank filler neck	2	
-26	U80122-048	A	GROMMET – (Rubber) Fuel tank filler neck	1	
-27	-471-060	A	KNOB – #3004-SM (Black) Control cable, auxiliary fuel tank valve	1	
-28	U14412-002	A	LINE ASSEMBLY – Fuel (pump to strainer)	1	
-29	U14412-003	A	LINE ASSEMBLY – Fuel (tank to pump)	1	
-30	476-656	A	NIPPLE – (W/H 3325 x 2)	1	
-31	14416-00		TUBE ASSEMBLY – Rear seat support	3	22-807 and up
	14416-04		TUBE ASSEMBLY – Rear seat support	3	22-354 to 22-806 inclusive
-32	14408-00	A	PLATE ASSEMBLY – Fuel line cover	1	
-33	3152X6	A	PLUG – Drain	1	
-34	3152X2	A	PLUG – Drain auxiliary fuel tank bottom	1	
-35	481-666	A	PUMP – Electric, fuel #476-087	1	
-36	416-128	A	SCREW – (AN501-10-6) Fuel gauge attachment	4	
-37	14545-00	A	STRAINER – Bottom of tank	1	
-38	-14395-000	A	STRAP ASSEMBLY – Fuel tank	2	
-39	487-560	A	STUD – Durable dot #459, rear carpet installation	4	
-40	487-802	A	SWITCH – Toggle, fuel pump #86964	1	
-41	14544-00	A	TAG – Auxiliary fuel system operation	1	

A – Used on PA-22 with serial numbers 22-534 and up.
B – Used on PA-22 with serial numbers 22-2378, 22-2425 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.

PA-22 TRI-PACER PARTS CATALOG

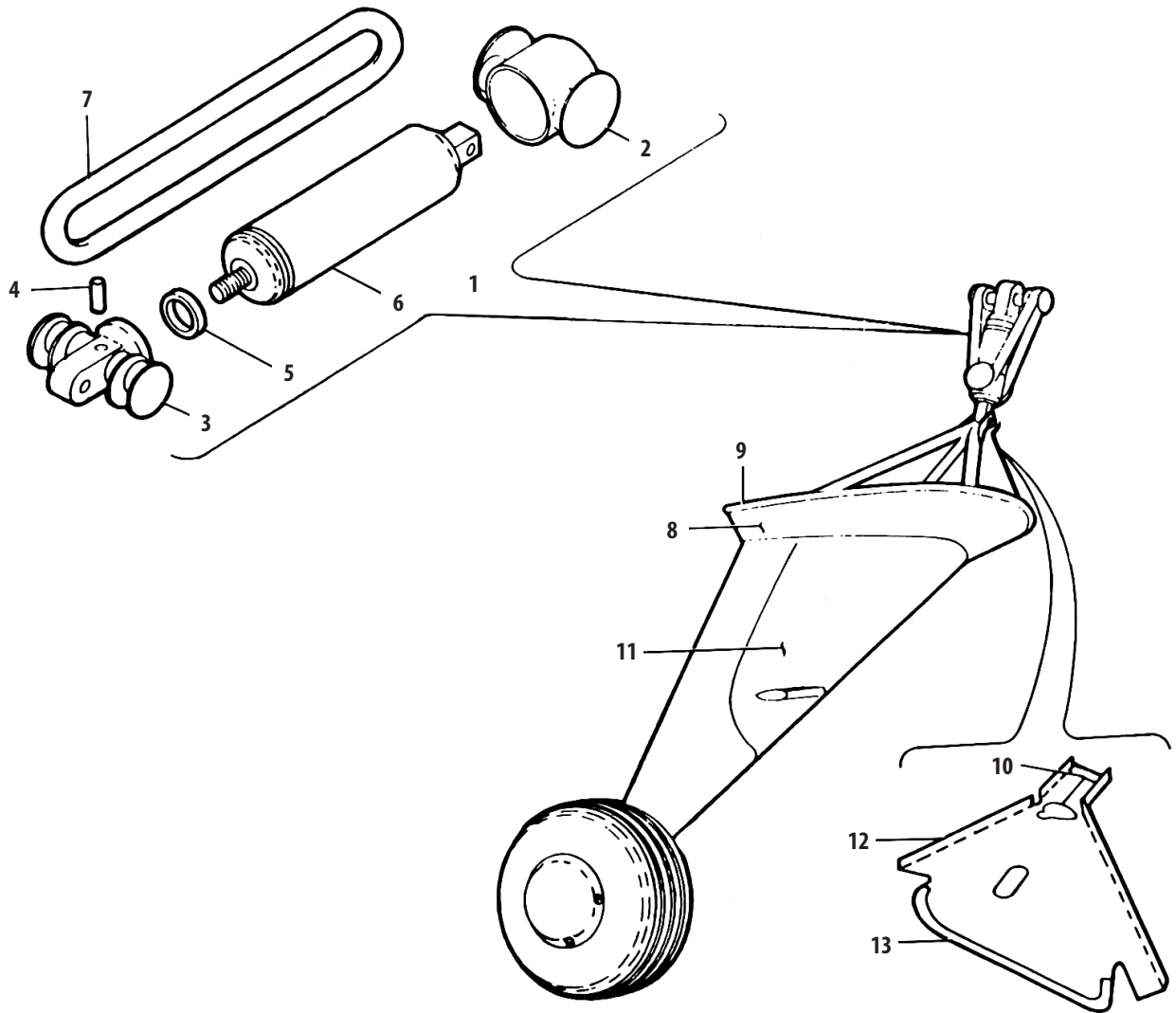


Figure 39. Landing Gear Shock Unit and Fairings Installation

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
39-	-13113DWG		DRAWING – Landing Gear Installation		22-1 to 22-7642 inclusive
	15142	C	DRAWING – Landing Gear Installation		
	15173	D	DRAWING – Landing Gear Installation		
-1	U13148-000		STRUT – Shock assembly (Hydrasorb)	2	22-1 to 22-7642 inclusive
	-13148-002		STRUT – Shock assembly (Hydrasorb)	2	22-8000 and up
-2	U12875-000		FITTING ASSEMBLY – Shock strut end, bottom	1	
-3	U12639-000		FITTING ASSEMBLY – Shock strut end, top	1	
-4	MS16562-37		PIN	1	
-5	U85012-057		WASHER – Bumper	1	
-6	U487-558-1		SHOCK STRUT – (No. 18233-00)	1	
-7	U31322-006		RING – Shock cord (451-358)	2	22-1 to 22-7642 inclusive
	U31322-002		RING – Shock cord	2	22-8000 and up
-8	U13150-001		FAIRING – Landing gear, outer, RH	1	
	U13150-000		FAIRING – Landing gear, outer, LH	1	
-9	U13150-004		MOULDING – Rubber	1	
-10	11848-03		CHANNEL – Belly fairing stiffener	2	
-11	13749-00		PLATE – Scuff, landing gear, RH	1	22-354 to 22-4459 inclusive
	-14908-000	E	PLATE – Scuff, landing gear, RH	1	
-12	U13152-001		FAIRING – Landing gear, belly, RH	1	22-1 to 22-353 inclusive
	U13152-005	A	FAIRING – Landing gear, belly, RH	1	22-354 and up
	U13152-008	B	FAIRING – Landing gear, belly, RH	1	
	U13152-000		FAIRING – Landing gear, belly, LH	1	
-13	U19795-000		MOULDING – Rubber	24"	
			<p>A – Used on PA-22-108 if auxiliary fuel system is installed.</p> <p>B – Used on PA-22-108 if auxiliary fuel system is not installed.</p> <p>C – Used on PA-22 with serial numbers 22-8000 to 22-8269 inclusive, 22-8271 to 22-8288 inclusive, 22-8290, 22-8292, 22-8294 to 22-8297 inclusive, 22-8299 to 22-8303 inclusive, 22-8306, 22-8308 to 22-8317 inclusive, 22-8319 to 22-8333 inclusive, 22-8335 to 22-8454 inclusive, 22-8456.</p> <p>D – Used on PA-22 with serial numbers 22-8270, 22-8289, 22-8291, 22-8293, 22-8298, 22-8304, 22-8305, 22-8307, 22-8318, 22-8334, 22-8455, 22-8457 and up.</p> <p>E – Used on PA-22 with serial numbers 22-4143, 22-4460 to 22-7642 inclusive, 22-8270, 22-8289, 22-8291, 22-8293, 22-8298, 22-8304, 22-8305, 22-8307, 22-8318, 22-8334, 22-8455, 22-8457 and up.</p>		

PA-22 TRI-PACER PARTS CATALOG

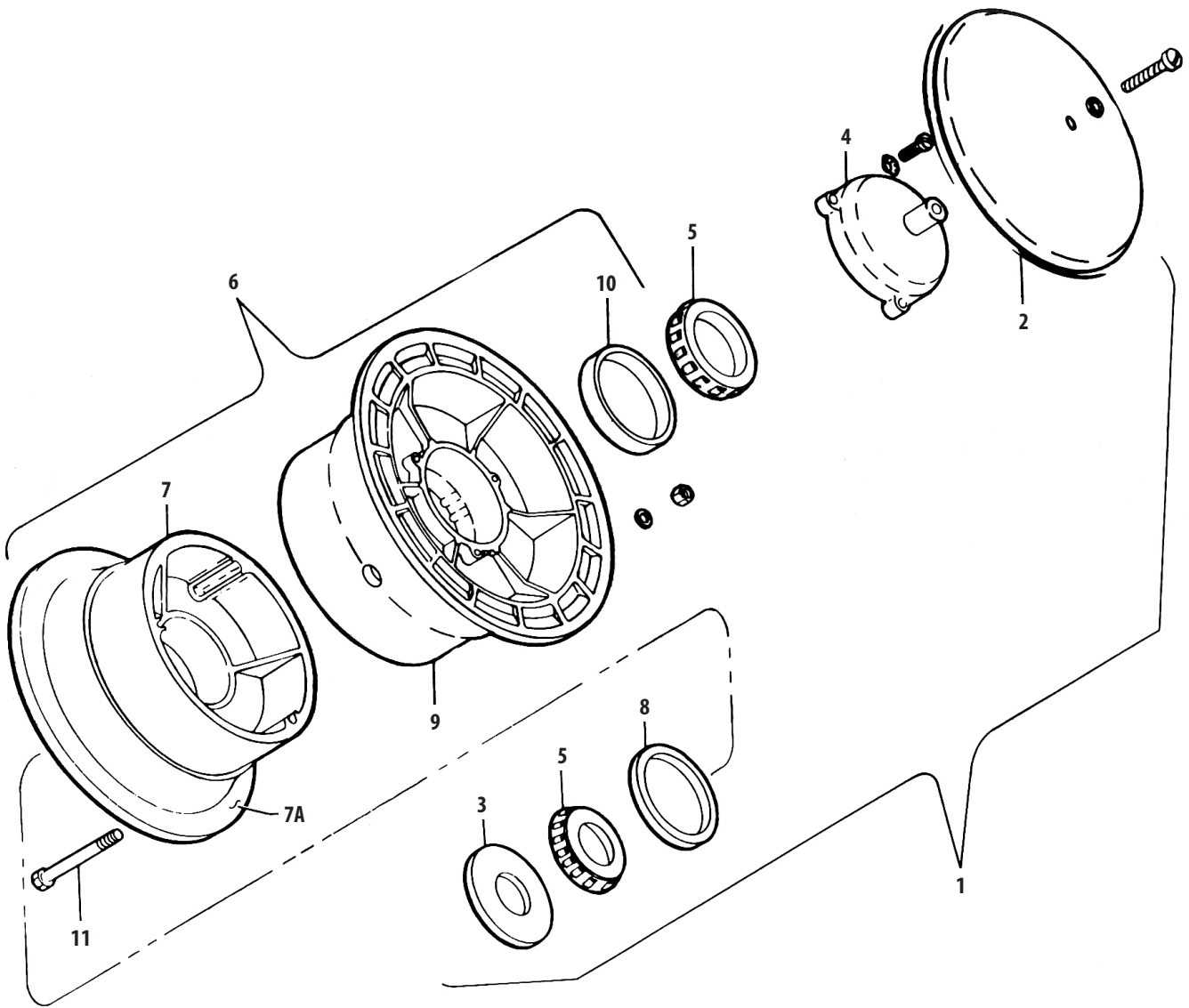


Figure 40. Main Wheel Assembly
(Used with Drum Brakes only)

MAIN WHEEL ASSEMBLY
(Used with Drum Brakes only)

SECTION VI
Chassis Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
40-1	451-750	B	WHEEL ASSEMBLY – Main, complete (C-38500-HA)	2	
-2	157-00200		DUST CAP – Spinning	1	
-3	154-00400		GREASE SEAL	2	
-4	158-01000		HUB CAP	1	
	751-510		HUB CAP WITH SCREWS – (No. A38520-A)	1	
-5	13889		BEARING CONE – Timken	2	
-6	753-130		WHEEL ASSEMBLY – Outer wheel half, inner wheel assembly, 3 thru bolts, washers and stop nuts (C-38500-H)	1	
-7	753-131		INNER WHEEL HALF – (C38100-H)	1	
-7a	169-00101		DRUM – Brake	1	
-8	13836		CUP – Bearing	1	
-9	162-00600		OUTER WHEEL HALF WITH BEARING CUP (C-38510-H)	1	
-10	13836	CUP – Bearing	1		
-11	AN4-36A	BOLT – Thru wheel	3		
<p>A – This hub cap applicable only on airplanes where the main wheel assemblies do not include a placard on the outer wheel half numbered 3040.</p> <p>B – This hub cap is applicable only on airplanes where the main wheel assemblies are placarded with the number 3040 on the outer wheel half.</p>					

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
40A-1	451-769		WHEEL ASSEMBLY – 6:00-6 Type III (40-28)	2	
-2	753-128		OUTER WHEEL HALF ASSEMBLY – (3041A)	1	
-3	13836		CUP – Bearing	1	
-4	753-176		INNER WHEEL HALF ASSEMBLY – (161-16)	1	
-5	13836		CUP – Bearing	1	
-6	164-00500		BRAKE DISC ASSEMBLY	1	
-7	AN4-36A		BOLT	3	
-8	MS21044N4		NUT	3	
-9	NAS1149F0463P		WASHER	3	
-10	157-00200		SHIELD – Dust	1	
-11	154-00400		SEAL – Wheel grease, felt	2	
	153-00500		GREASE RING	2	
-12	158-01000		CAP – Hub	1	
-13	AN526-1024-8		SCREW – F. H. C.	1	
-14	MS35333-39		LOCK WASHER	1	
-15	MS35265-45		SCREW – F. H. C.	6	
-16	MS35333-38		LOCK WASHER	6	
-17	13889		CONE BEARING	2	

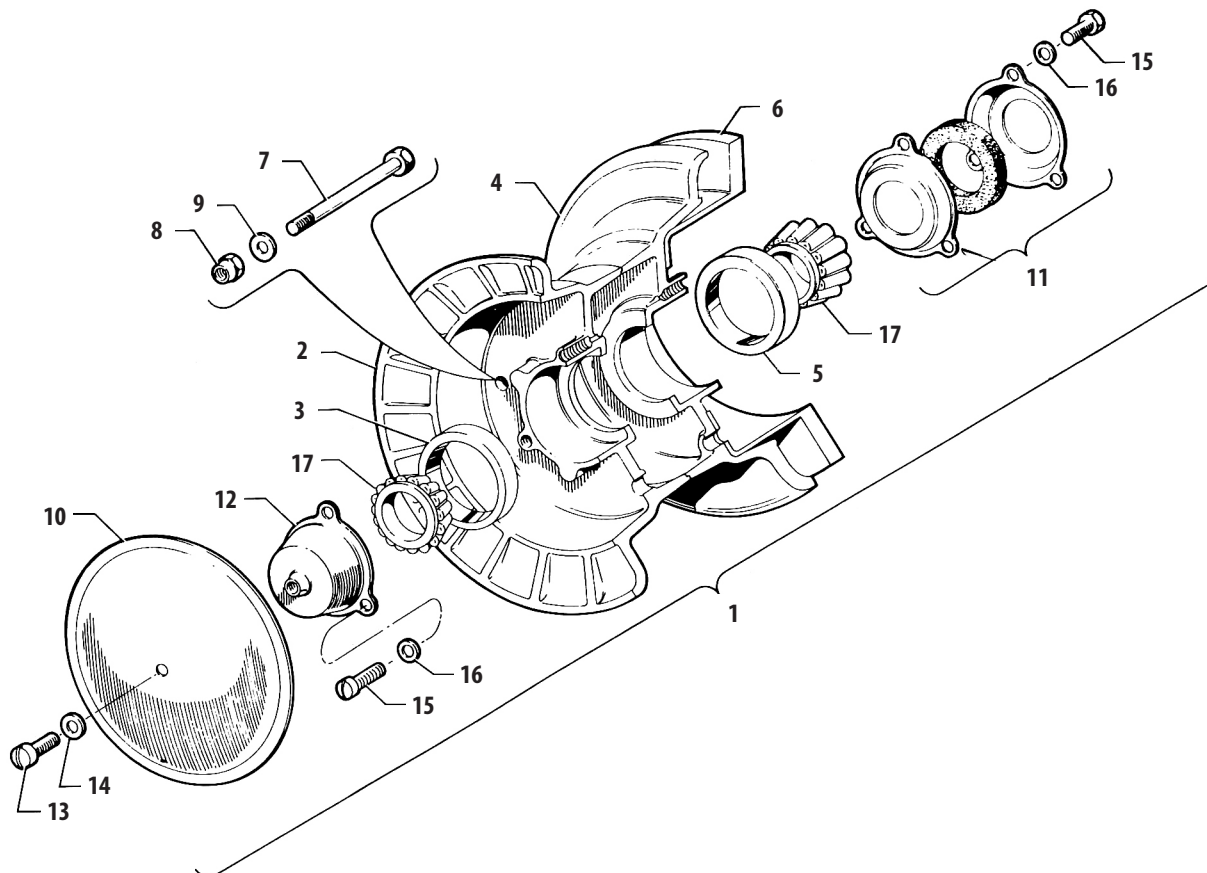


Figure 40A. Main Wheel Assembly
(Used with Disc Brake only)

PA-22 TRI-PACER PARTS CATALOG

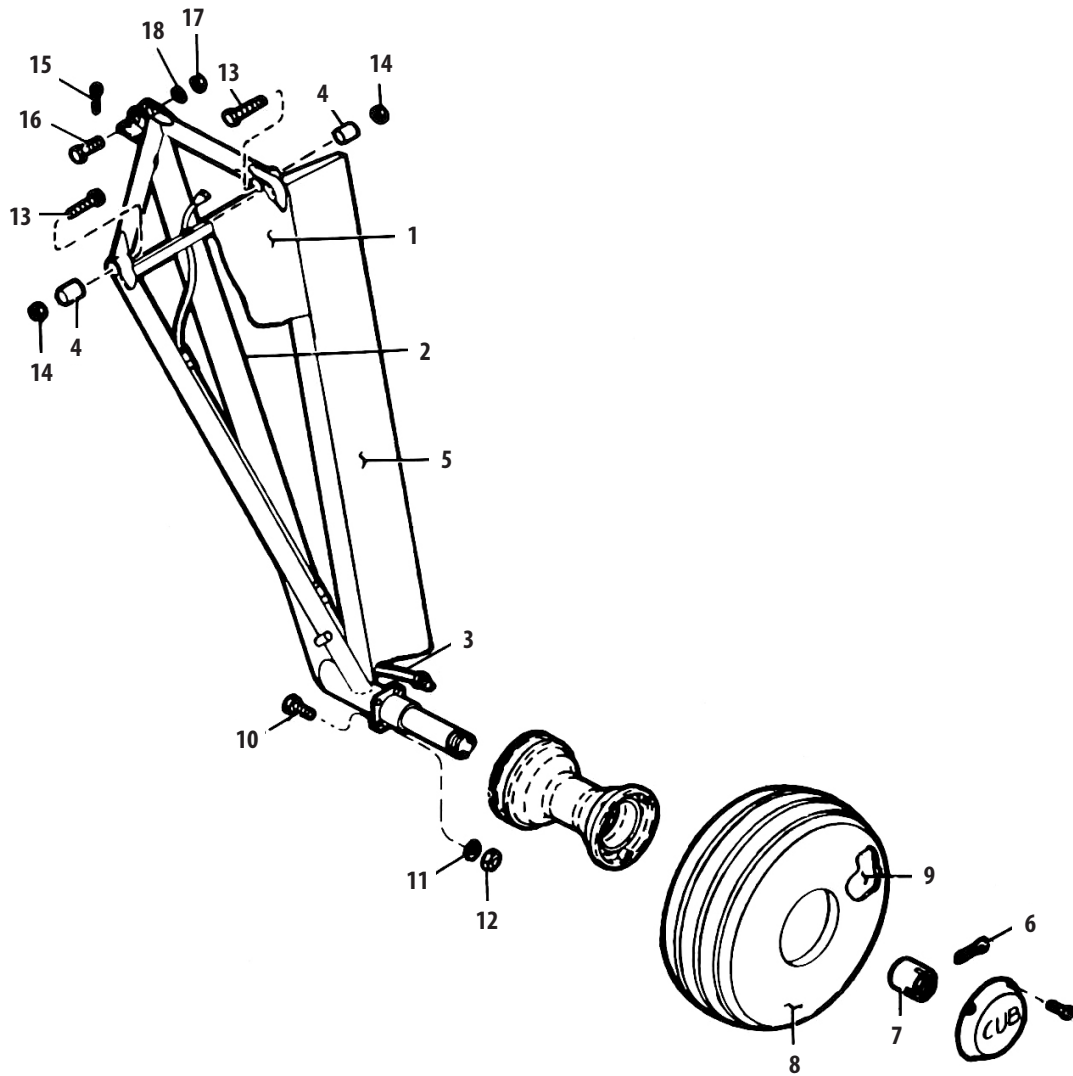


Figure 41. Landing Gear Vee

LANDING GEAR VEE

SECTION VI
Chassis Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED		
41-1	13124-00	C	VEE ASSEMBLY – Covered, landing gear, LH	1	22-1 to 22-4459 inclusive		
	13124-10	B	VEE ASSEMBLY – Covered, landing gear, LH	1			
	13124-12	F	VEE ASSEMBLY – Covered, landing gear, LH	1			
	13124-04	DE	VEE ASSEMBLY – Covered, landing gear, LH	1			
	13124-01		VEE ASSEMBLY – Covered, landing gear, RH	1			
	13124-05	A	VEE ASSEMBLY – Covered, landing gear, RH	1			
	13124-09	B	VEE ASSEMBLY – Covered, landing gear, RH	1			
	13124-11	F	VEE ASSEMBLY – Covered, landing gear, RH	1			
	13124-03	D	VEE ASSEMBLY – Covered, landing gear, RH	1			
	13124-06	E	VEE ASSEMBLY – Covered, landing gear, RH	1			
	-2	U13016-000	C	VEE ASSEMBLY – Uncovered, LH		1	22-1 to 22-4459 inclusive
		13016-28	B	VEE ASSEMBLY – Uncovered, LH		1	
		13016-30	F	VEE ASSEMBLY – Uncovered, LH		1	
13016-18		DE	VEE ASSEMBLY – Uncovered, LH	1			
13016-01			VEE ASSEMBLY – Uncovered, RH	1			
U13016-021		A	VEE ASSEMBLY – Uncovered, RH	1			
13016-29		B	VEE ASSEMBLY – Uncovered, RH	1			
13016-31		F	VEE ASSEMBLY – Uncovered, RH	1			
13016-19		D	VEE ASSEMBLY – Uncovered, RH	1			
13016-24		E	VEE ASSEMBLY – Uncovered, RH	1			
-3		U13104-000	C	LINE ASSEMBLY – Brake, LH and RH	1		
		15172-00	B	LINE ASSEMBLY – Brake, LH	1		
		15172-01	B	LINE ASSEMBLY – Brake, RH	1		
-4	U80022-063		BUSHING – Insert	2			
-5	U13123-000		FAIRING – VEE assembly, rear leg, LH and RH	1			
			<p>A – Used on PA-22 with serial numbers 22-4460 to 22-7642 inclusive, 22-8000 to 22-8269 inclusive, 22-8271 to 22-8288 inclusive, 22-8290, 22-8292, 22-8294 to 22-8297 inclusive, 22-8299 to 22-8303 inclusive, 22-8306, 22-8308 to 22-8317 inclusive, 22-8319 to 22-8333 inclusive, 22-8335 to 22-8454 inclusive, 22-8456.</p> <p>B – Used on PA-22 with serial numbers 22-8270, 22-8289, 22-8291, 22-8293, 22-8298, 22-8304, 22-8305, 22-8307, 22-8318, 22-8334, 22-8455, 22-8457 and up.</p> <p>C – Used on PA-22 with serial numbers 22-1 to 22-7642 inclusive, 22-8000 to 22-8269 inclusive, 22-8271 to 22-8288 inclusive, 22-8290, 22-8292, 22-8294 to 22-8297 inclusive, 22-8299 to 22-8303 inclusive, 22-8306, 22-8308 to 22-8318 inclusive, 22-8319 to 22-8333 inclusive, 22-8335 to 22-8454 inclusive, 22-8456.</p> <p>D – Used when ski installation is installed on PA-22 with serial numbers 22-4142, 22-4144 to 22-4459 inclusive.</p> <p>E – Used when ski installation is installed on PA-22 with serial numbers 22-4143, 22-4460 and up.</p> <p>F – Used when ski installation is installed on PA-22 with serial numbers 22-8000 and up.</p>				

LANDING GEAR VEE

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
41-6	AN380-4-2		PIN – Cotter	2	
-7	U13020-000		NUT – Axle	2	
-8	600X6T4AT		TIRE – Specialty Air Trac Tire, 6:00 x 6 (4 ply)	2	
	600X6T4AH		TIRE – Specialty Air Hawk Tire, 6:00 x 6 (4 ply)	2	
-9	600X6U		TUBE	2	
-10	AN4-7A		BOLT	12	
-11	NAS1149F0463P		WASHER	12	
-12	MS21044N4		NUT – Elastic stop (No. 42E048)	12	
-13	AN6-27		BOLT	4	
-14	MS21044N6		NUT	4	
-15	AN380-2-2		PIN – Cotter	2	
-16	AN5-15		BOLT	2	
-17	AN310-5		NUT	2	
-18	NAS1149F0563P		WASHER	2	

PA-22 TRI-PACER PARTS CATALOG

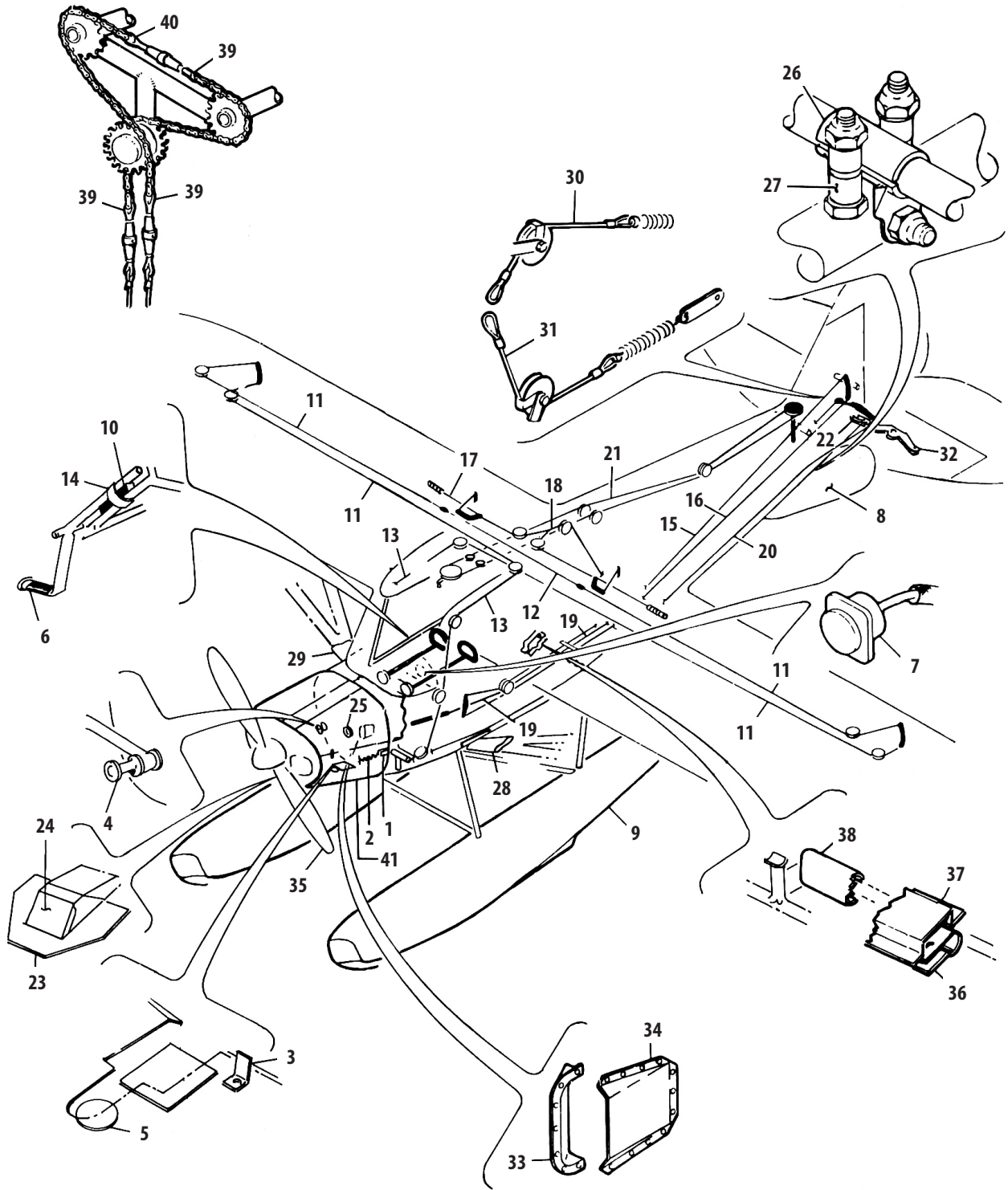


Figure 42. EDO Float Installation
(Serial Nos. 22-1 to 22-7642 inclusive)

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
42-	14375	A	DRAWING – Float Installation, “135”		
	14450		DRAWING – Float Installation, “150” and “160”		22-2378, 22-2425 and up
	14725		DRAWING – Channel Installation (Used when floats are installed on PA-22 which have auxiliary fuel tank)		22-807 and up
	12501		DRAWING – Cowl Vent Installation (Used when Hartzell is installed on PA-22 serial numbers 22-3218, 22-3387 and up)		22-3218, 22-3387 and up
-1	81262-39	B	LINK – Rudder pedal return spring	2	
-2	U42891-000	B	SPRING – Rudder pedal return	2	
-3	14377-00	B	ANGLE – Baffle support	2	
-4	14381-00	B	BUSHING ASSEMBLY – Spacer	2	
-5	U12761-002	B	COVER – Inspection	1	
	483-10		COVER – Inspection, generic	1	
-6	14373-00	B	STEP ASSEMBLY	1	
-7	11339-09	A	INSTRUMENT – Airspeed indicator, “135” and “160”	1	
	11339-14		INSTRUMENT – Airspeed indicator, “150” and “160”	1	22-2378, 22-2425 and up
-8	11030-03		FIN ASSEMBLY – Auxiliary (covered) “150” and “160”	1	22-2378, 22-2425 and up
-9		B	FLOAT INSTALLATION – EDO Drawing No. 16270 (Secure from EDO)		
-10	14370-00	B	BLOCK – Step bumper	1	
-11	U11527-002	B	CABLE – Aileron, stainless steel	4	
-12	U40123-069	B	CABLE – Aileron balance, stainless steel	1	
-13	13108-02	B	CABLE – Aileron, stainless steel	1	
-14	14369-00	B	CLAMP – Step attachment	1	
-15	U40123-067	B	CABLE – Elevator, stainless steel	1	
-16	U40123-068	B	CABLE – Elevator, stainless steel	1	
-17	11694-04	B	CABLE – Flap return, stainless steel	2	
-18	U12515-003	B	CABLE – Flap, stainless steel	1	
-19	U40123-093	B	CABLE – Flap, stainless steel	1	
-20	U13109-012		CABLE – Rudder, RH, stainless steel	1	22-3218, 22-3387 and up
	U13109-010		CABLE – Rudder, LH, stainless steel	1	22-3218, 22-3387 and up
-21	U41671-018	B	CABLE – Stabilizer adjustment, stainless steel	1	
-22	14483-00		FITTING ASSEMBLY – Auxiliary fin, rear	1	22-2378, 22-2425 and up
-23	14485-00		PLATE – Bottom cowl cover	1	22-2378, 22-2425 and up
-24	14484-00		SCOOP ASSEMBLY – Carburetor air box	1	22-2378, 22-2425 and up
-25	81342-76	B	WASHER – Nose wheel cover	4	
-26	11032-02		CLAMP ASSEMBLY – Auxiliary fin, top front	1	22-2378, 22-2425 and up
-27	11032-03		CLAMP ASSEMBLY – Auxiliary fin, bottom front	1	22-2378, 22-2425 and up
-28	14374-00	B	FAIRING – Bottom, left	1	
-29	14376-00	B	FAIRING – Bottom, right	1	
-30	U40123-073		CABLE – Bungee, upper, stainless steel	1	22-354 and up
-31	U40123-081		CABLE – Bungee, lower, stainless steel	1	22-354 and up
-32	485-615		ARM – Rudder (2719)	1	22-354 and up
			A – Used on PA-22 with serial numbers 22-354 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive. B – Used on PA-22 with serial numbers 22-354 and up.		

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
42-33	12504-00		VENT FLANGE – Cowl, “150” and “160” (used when Hartzell propeller is installed)	2	22-3218, 22-3387 and up
-34	12503-00		VENT PLATE – Cowl, “150” and “160” (used when Hartzell propeller is installed)	2	22-3218, 22-3387 and up
-35	74DM6-0-54		PROPELLER – Sensenich (M74DM-56)	1	22-3218, 22-3387 and up
-36	80032-27		CLAMP		22-354 to 22-806 inclusive
-37	12480-00		CHANNEL		22-354 to 22-806 inclusive
-38	14724-00		CHANNEL – Reinforcement (used when auxiliary fuel tank is installed)	1	22-807 and up
-39	13444-05		EYE – Turnbuckle, control column chain installation, upper left and lower	3	
-40	13444-04		EYE – Turnbuckle, control column chain installation, upper right		
-41	14258-03		COWL ASSEMBLY – Engine bottom “160”	1	

PA-22 TRI-PACER PARTS CATALOG

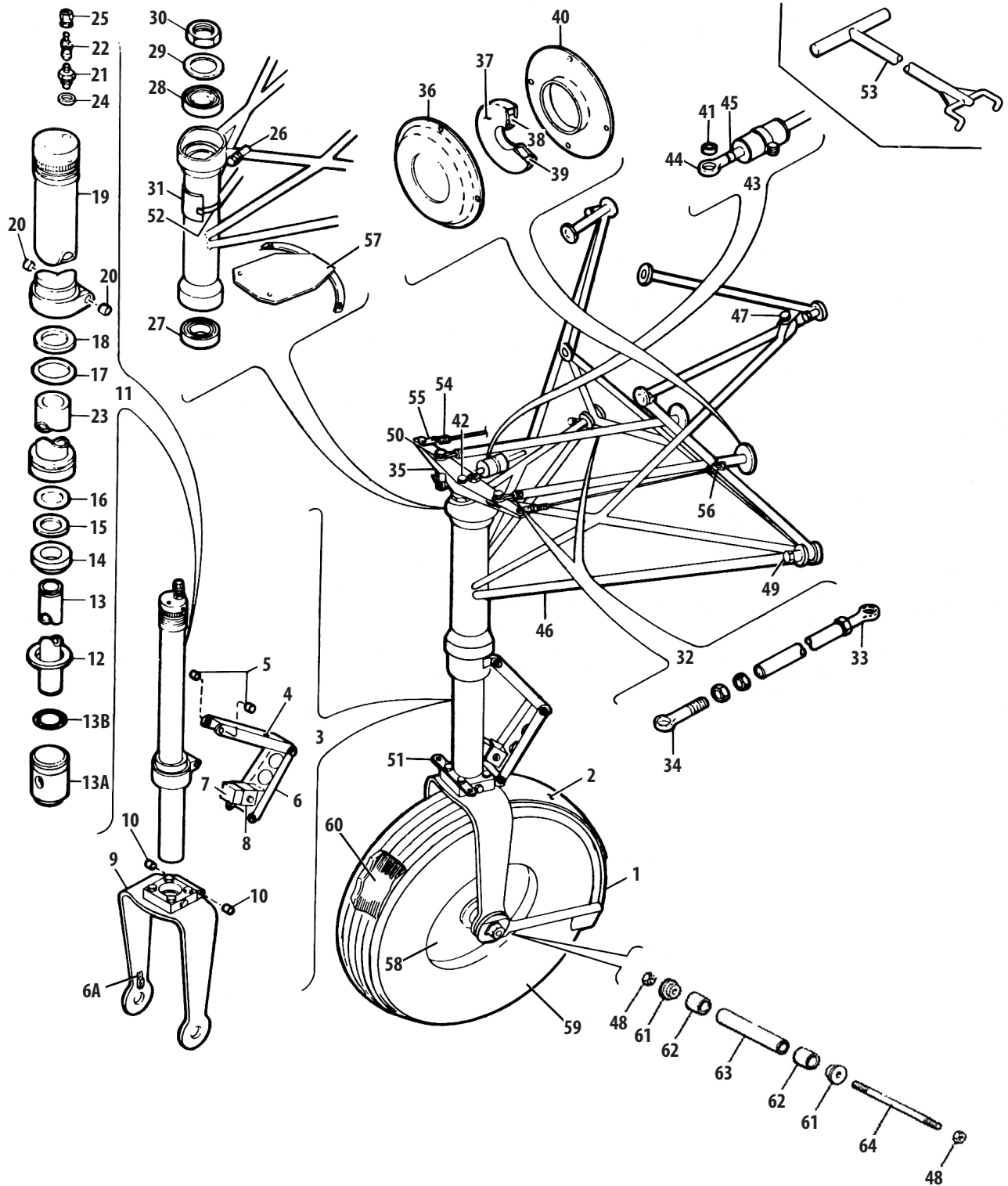


Figure 43. Nose Wheel Installation

NOSE WHEEL INSTALLATION

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
43-	-13113DWG		DRAWING – Nose Wheel Installation		22-1 to 22-7642 inclusive
	15142		DRAWING – Nose Wheel Installation		22-8000 to 22-9000 inclusive
	15173		DRAWING – Nose Wheel Installation		22-9001 and up
-1	13216-00	B	BRACKET ASSEMBLY – Fender, nose wheel	1	
-2	13217-00	B	FENDER ASSEMBLY – Nose wheel	1	
-3	13117-00		STRUT ASSEMBLY – Nose wheel	1	
-4	13074-02		LINK ASSEMBLY – Torque, upper	1	
-5	-80022-047		BUSHING – Insert, bronze	2	
-6	-13074-003		LINK ASSEMBLY – Torque, lower	1	
-6a	406-817		NUT – Anchor, nose wheel fairing attachment	2	
-7	-13114-000		BLOCK – Bumper, rubber	1	
-8	-13115-000		BRACKET ASSEMBLY – Bumper block	1	
-9	13079-03		FORK ASSEMBLY – With block	1	
-10	-80022-047		BUSHING – Insert, bronze	2	
-11	13079-02		OLEO ASSEMBLY	1	
-12	-484-705		RING – Retaining, bearing tube (No. 5000-200)		
-13	753-026	C	TUBE ASSEMBLY – Inner, lower	1	22-1 to 22-7642 inclusive, 22-8000 to 22-9000 inclusive
	15205-00		TUBE ASSEMBLY – Inner, lower	1	22-9001 and up
-13a	-15206-000		PLUG – Nose wheel oleo piston tube	1	22-9001 and up
-13b	-484-733		PACKING – “O” Ring, Special	1	22-9001 and up
-14	-187-625		STRIP – Wiper (5-1/4”)		
-15	AN6246-27		RING – Back up, inside bearing tube	1	
-16	MS28775-222		RING – “O”, inside bearing tube	1	
-17	MS28775-224		RING – “O”, outside bearing tube	1	
-18	484-720		RING – Snap, top inner lower tube (No. 3478)	1	
-19	13069-00		TUBE ASSEMBLY – Outer upper	1	
-20	-80022-047		BUSHING – Insert, bronze	2	
-21	453-124		VALVE BODY – Air (AN812-1)	1	
-22	455-124		VALVE CORE – Air (AN809-1)	1	
-23	13026-00		TUBE – Bearing (Lower inner tube assembly)	1	
-24	85012-91		VALVE GASKET – Air	1	
-25	454-053		VALVE CAP – Air (AN813-1A)	1	
-26	U85061-000		STOP – Steering horn	2	
-27	MS27642-33		BEARING – Main, oleo, lower	1	
-28	B545DD		BEARING – Main, oleo, upper	1	
-29	85012-72		WASHER – Seal, upper bearing	1	
-30	-13071-000		COLLAR – Threaded, oleo retaining	1	
-31	-13291-000		PLACARD – Oleo service instruction	1	
-32	U13107-000	A	ROD ASSEMBLY – Nose wheel control	2	
	U14679-000		ROD ASSEMBLY – Nose wheel control	2	22-3218, 22-3387 and up
-33	U11601-000	A	EYE BOLT – Rod end	1	
-34	U452-335	A	BEARING – (#M34-14)	1	
	U452-357		BEARING – (#M34-14)	1	22-3218, 22-3387 and up

A – Used on PA-22 with serial numbers 22-1 to 22-2599 inclusive, 22-2602 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.
B – Optional equipment on PA-22-108.
C – Order Part No. 15205-00 if Kit 753-026 has been installed.

NOSE WHEEL INSTALLATION

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
43-35	13085-00		HORN ASSEMBLY – Steering, nose wheel	1	22-1 to 22-7642 inclusive
	14927-00		HORN ASSEMBLY – Steering, nose wheel	1	22-8000 and up
-36	-13135-000		PLATE – Retainer, seal ring housing, nose wheel control rod (at firewall)	2	
-37	-13134-000		HOUSING – Seal ring, nose wheel control rod (at firewall)	4	
-38	U85012-071		RING – Seal nose wheel control rod (at firewall)	2	
-39	-189-410		PACKING – Nose wheel control rod seal (at firewall)	10"	
-40	-13133-000		PLATE – Trim, nose wheel control rod (inside firewall)	2	
-41	-86102-027	A	BUSHING – Insert, shimmy dampener, eye bolt	1	
-42	-10836-002		CAP SCREW – Horn attachment	1	
-43	13086-00	B	DAMPENER ASSEMBLY – Nose wheel shimmy	1	22-1 to 22-6065 inclusive, 22-6068, 22-6069, 22-6071 to 22-6073 inclusive and 22-6075
	21701-02		DAMPENER ASSEMBLY – Nose wheel shimmy	1	22-6066, 22-6067, 22-6070, 22-6074, 22-6076 to 22-7642 inclusive
	21701-04		DAMPENER ASSEMBLY – Nose wheel shimmy	1	22-8000 and up
-44	U11601-002		EYE BOLT	1	
-45	13196-00		BUSHING – Threaded	1	22-3 to 22-21 inclusive
-46	U13034-000		MOUNT ASSEMBLY – Nose wheel	1	
-47	AN4-14A		BOLT	2	
	MS21044N4		STOP NUT – Elastic	2	
-48	MS21044C5		STOP NUT	2	
-49	AN6-35		BOLT	2	
	MS21044N6		STOP NUT – Elastic	2	
	NAS1149F0663P		WASHER	2	
-50	81342-24		WASHER – Steering rod attachment	2	
-51	13287-00		LINK – Tow bar	1	
-52	11473-40		PLATE – Oleo placard installation	1	
-53	13288-00		BAR ASSEMBLY – Tow	1	
	-752-214		KIT – Landing gear, nuts and bolts	1	
-54	U14384-004	CD	SPRING – Steering equalizer	2	
-55	-81262-051	C	LINK – Steering equalizer	2	
-56	U14929-003	C	CLAMP ASSEMBLY – Steering equalizer	2	
-57	-14087-000		BOOT ASSEMBLY – Nose wheel oleo, top cover	1	22-9849 and up
<p>A – This part is not included with Part No. 13086-00, Index No. 43.</p> <p>B – Order 21701-02 if attachment clamp is not welded to shimmy dampener.</p> <p>C – Used on airplanes with serial numbers 22-8000 and up or when Kit 754-174 has been installed or airplane has been converted to Utility Category on airplanes with serial numbers 22-1 to 22-7642 inclusive.</p> <p>D – When replacing steering equalizer springs, both springs must have 8" coils.</p>					

NOSE WHEEL INSTALLATION

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
43-58	451-755	AB	WHEEL ASSEMBLY – Nose (38501)	1	
	451-784	A	WHEEL ASSEMBLY – Nose (40-76B)	1	
-59	600X6T4AT		TIRE – Specialty Air Trac, 6:00 x 6 – 4 ply	1	
	600X6T4AH		TIRE – Specialty Air Hawk, 6:00 x 6 – 4 ply	1	
-60	600X6U		TUBE – 6:00 x 6	1	
-61	13090-00		CAP ASSEMBLY – Axle	2	
-62	U86062-057	C	BUSHING – Nose wheel spacer	2	
	31786-04	D	BUSHING – Nose wheel spacer	2	
-63	U86062-056		AXLE TUBE – Nose wheel	1	
-64	-13089-000		AXLE ROD – Nose wheel	1	
<p>A – See Figure 43A for component parts.</p> <p>B – Part is no longer available. Order Wheel Assembly, Part No. 451-784 and two Spacer Bushings, Part No. 31786-04 when replacing Model 38501 Wheel. Order Part No. 451-784 Wheel only, if Model 40-76B has previously been installed.</p> <p>C – Used with Model No. 38501 Nose Wheel Assembly.</p> <p>D – Used with Model No. 40-76B Nose Wheel Assembly.</p>					

PA-22 TRI-PACER PARTS CATALOG

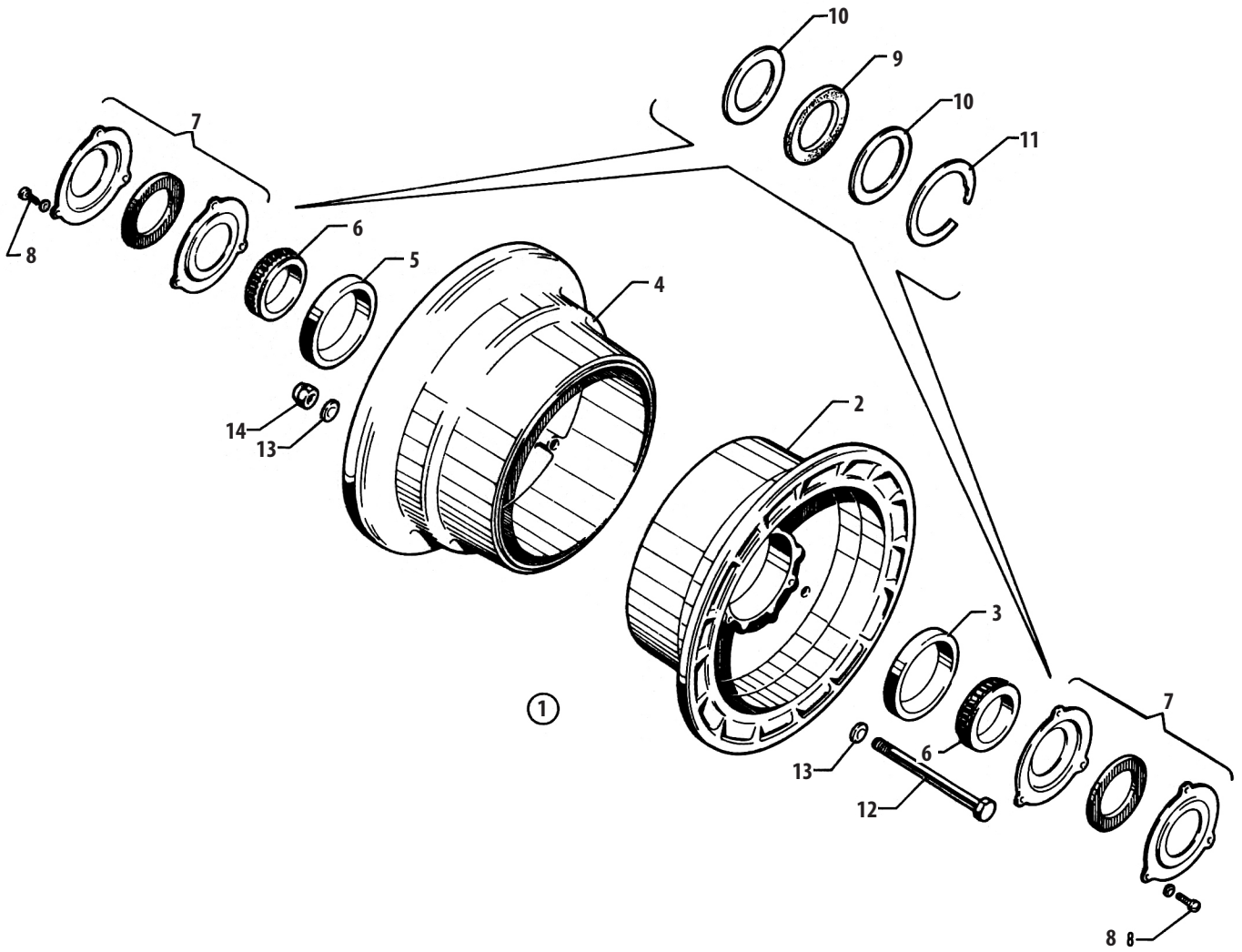


Figure 43A. Nose Wheel Assembly

NOSE WHEEL ASSEMBLY

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
43A-1	451-755	A	WHEEL ASSEMBLY – Nose (38501)	1	
	451-784		WHEEL ASSEMBLY – Nose (40-76B)	1	
-2	753-129	B	WHEEL HALF ASSEMBLY – Inner (3045A)	1	
	753-195	C	WHEEL HALF ASSEMBLY – Inner (161-30)	1	
-3	13836		CUP – Bearing	1	
-4	753-128	B	WHEEL HALF ASSEMBLY – Outer (3041-A) (with valve hole)	1	
	753-194	C	WHEEL HALF ASSEMBLY – Outer (162-27) (with valve hole)	1	
-5	13836		CUP – Bearing	1	
-6	13889		BEARING – Cone, Timken	2	
-7	199-00200	B	GREASE SEAL ASSEMBLY	2	
-8	756-129	B	SCREW – (8-32 x 1/2)	6	
	407-134	B	WASHER – (AN936A8)	6	
-9	154-01400	C	FELT – Grease seal	2	
-10	153-00900	C	RING – Grease seal	4	
-11	155-00200	C	RING – Snap	2	
-12	AN4-36A	B	BOLT	3	
	AN5-35A	C	BOLT	3	
-13	NAS1149F0463P	B	WASHER	6	
	NAS1149F0563P	C	WASHER	6	
-14	MS21044N4	B	NUT	3	
	MS21044N5	C	NUT	3	

A – Part is no longer available. Order Wheel Assembly Part No. 451-784 and two Spacer Bushings Part No. 31786-03 when replacing Model No. 38501 Wheel. Order Part No. 451-784 Wheel only, if Model No. 40-76B has previously been installed.

B – Used on Model 38501 Wheel Assembly only.

C – Used on Model 40-76B Wheel Assembly only.

PA-22 TRI-PACER PARTS CATALOG

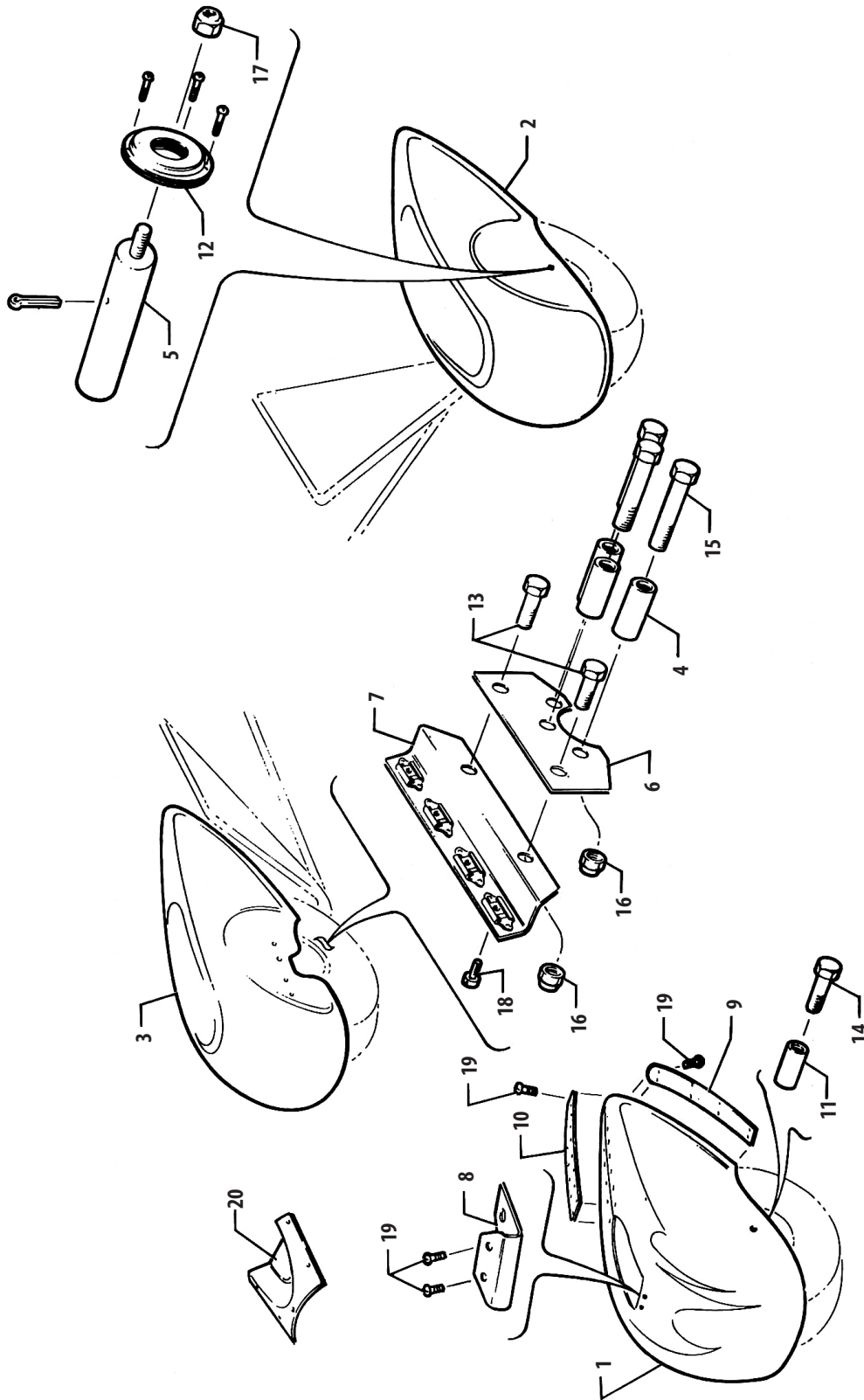


Figure 44. Wheel Fairing Installation

WHEEL FAIRING INSTALLATION

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
44-	15083		DRAWING – Fairing Installation, Wheel		
-1	15082-00		FAIRING ASSEMBLY – Nose wheel	1	
-2	15080-00		FAIRING – Main wheel, left	1	
-3	15080-01		FAIRING – Main wheel, right	1	
-4	-14976-055		BUSHING – Main wheel fairing spacer, L. 1”	6	
	-14976-067		BUSHING – Main wheel fairing spacer, L. 1-3/8”	6	
-5	U15048-000		TUBE ASSEMBLY – Wheel fairing support	2	
-6	-15049-000		PLATE – Wheel fairing attachment	2	
-7	U15052-003	A	BRACKET ASSEMBLY	2	
-8	-15055-000		BRACKET ASSEMBLY – Nose wheel fairing upper attachment	1	
-9	-15056-000		PLATE – Nose wheel fairing, inner splice	1	
-10	-15057-000		PLATE – Nose wheel fairing, upper splice, 18” L.	1	
-11	-82341-016		BUSHING ASSEMBLY – Nose wheel fairing spacer	2	
-12	199-00200		SEAL – Grease	2	
-13	AN4-4A		BOLT	12	
-14	AN4-16A		BOLT	2	
-15	AN4-17A		BOLT – Used when 1” spacers are installed	6	
	AN4-20A		BOLT – Used when 1-3/8” spacers are installed	6	
-16	MS21044N4		NUT – Used when 1” spacers are installed	6	
	AN364-428		NUT – Used when 1-3/8” spacers are installed	6	
-17	MS21044N6		NUT	2	
-18	411-345		SCREW – (AN526-428R8)	8	
-19	AN526-1032R8		SCREW	2	
-20	-15084-000		PLATE – Nose wheel fairing, trim, upper splice 5” L.	1	
			A – This bracket requires 1-3/8” spacer bushings. Order spacer Part No. 14976-067 if 1” spacers are presently installed (see item 4).		

PA-22 TRI-PACER PARTS CATALOG

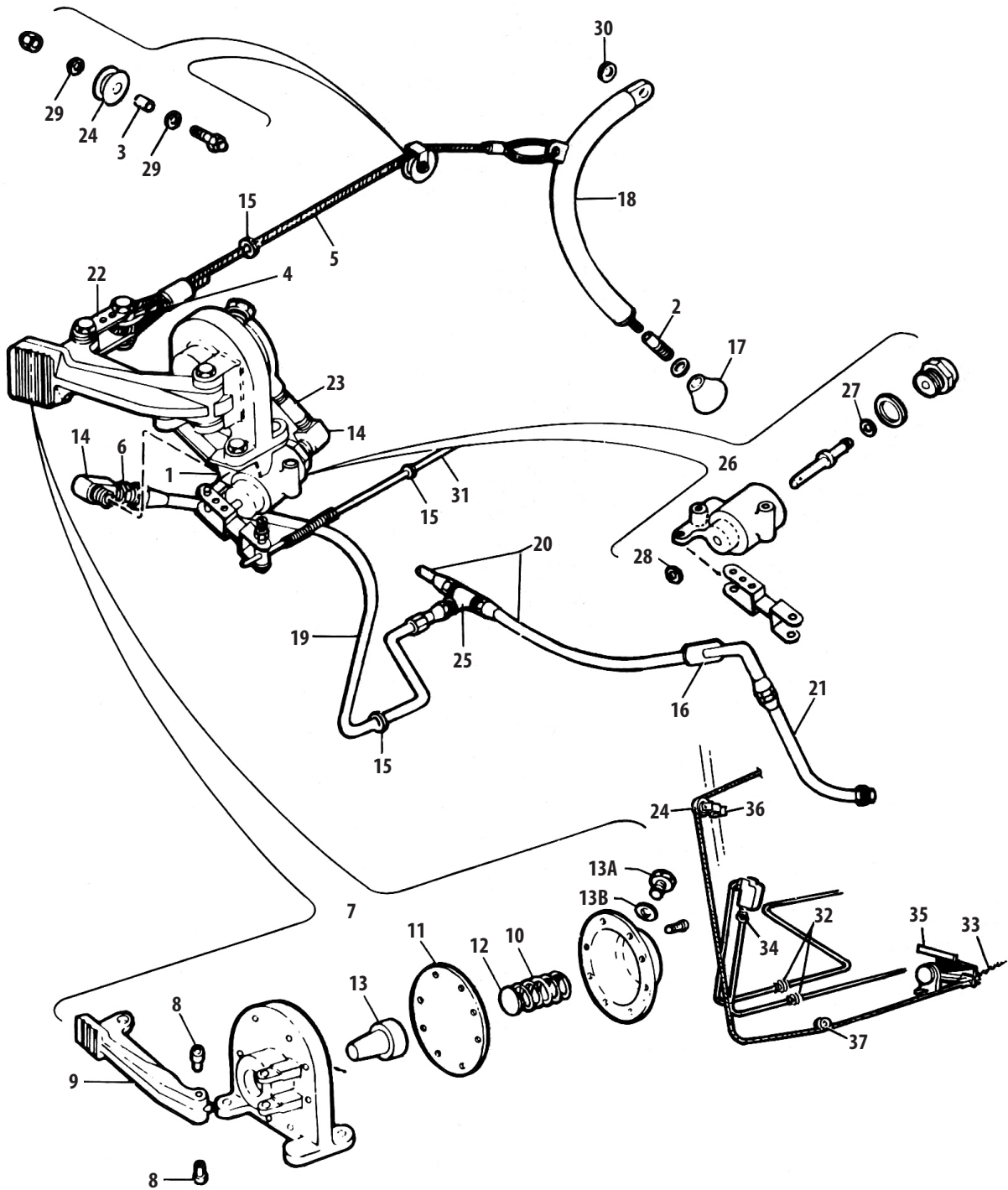


Figure 45. Brake Installation

BRAKE INSTALLATION

SECTION VII
Brake Installation Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
45-	13084	A	DRAWING – Brake Installation		
	14694		DRAWING – Brake Installation 22-3218, 22-3387 and up		
-1	13161-00	A	BRACKET – Parking brake control valve support	1	
-2	U11789-000	B	BUSHING – Insert, brake lever knob	1	
	11709-00	C	BUSHING – Insert, brake lever knob	1	
-3	U80012-004		BUSHING – Spacer, brake control cable pulley installation	3	
-4	82732-68		BUSHING – Spacer, brake cable connector links	1	
-5	U40123-091	A	CABLE ASSEMBLY – Brake control	1	
	U14300-005		CABLE ASSEMBLY – Brake control	1	22-3218, 22-3387 and up
-6	48X4	A	CONNECTOR – Male, brake line to parking brake valve	1	
-7	U1248A		CYLINDER – Brake master	1	
-8	1494		BUSHING – Pedal attachment	2	
-9	U1715A		PEDAL – With bushing	1	
-10	U1256A-000		SPRING	1	
-11	U750-384		DIAPHRAGM	1	
-12	U2003-001		PAD – Diaphragm	1	
-13	U1383A-000		PISTON	1	
-13a	UB-1258		SCREW – Vent	1	
-13b	U1159A		GASKET – Vent	1	
-14	3400X2	A	ELBOW – At parking brake valve	2	
	AN822-4D		ELBOW	2	22-3218, 22-3387 and up
-15	MS35489-11		GROMMET – Rubber, at firewall, brake line and control cable	3	
-16	AN931-10-14		GROMMET – Rubber, brake line opening, bottom fuselage	2	
-17	-471-056	DE	KNOB – Brake lever, red	1	
	U10911-000		KNOB – #95, brake lever, black	1	22-1760 and up
-18	13067-00	A	LEVER ASSEMBLY – Brake control, less knob	1	
	14690-00		LEVER ASSEMBLY – Brake control, less knob	1	22-3218, 22-3387 and up
-19	11987-29	A	LINE ASSEMBLY – Non-flexible, parking brake valve to tee	1	
	14720-00		LINE ASSEMBLY – Brake, valve to union	1	22-3218, 22-3387 and up
	14719-00		LINE ASSEMBLY – Brake, from union to tee in bottom of fuselage	1	22-3218, 22-3387 and up
-20	-11987-041		LINE ASSEMBLY – Non-flexible, tee to flexible line at gear	2	
-21	U15216-000		LINE ASSEMBLY – Flexible, fuselage to landing gear vee	2	
			A – Used on PA-22 with serial numbers 22-1 to 22-2599 inclusive, 22-2600 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.		
			B – Used with ivory or black knob.		
			C – Used on PA-22 with serial numbers 22-1762 to 22-1784 inclusive, 22-1786 to 22-1793 inclusive, 22-1795, 22-1796, 22-1798, 22-1802 and 22-1804.		
			D – Bushing not required with this knob.		
			E – Used on PA-22 with serial numbers 22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive.		

BRAKE INSTALLATION

SECTION VII
Brake Installation Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
45-22	13080-00		LINK – Connector, brake cable to brake cylinder arm	2	
-23	460-675	A	NIPPLE – Connector, brake cylinder to parking brake valve (W/H 3328 x 2)	1	
	14664-00	B	LINE ASSEMBLY – Non-flexible, union to valve	1	
	14662-00	B	LINE ASSEMBLY – Non-flexible, brake cylinder to union	1	
-24	U11200-000		PULLEY – Brake control cable	2	22-1 to 22-9769 inclusive
	U80421-000		PULLEY – Brake control cable	2	22-9770 and up
-25	488-369		TEE – Brake line connection in fuselage	1	
-26	U4500A-1	A	VALVE – Parking brake control	1	
	14721-00	BC	VALVE – Parking brake control (492-042)	1	
	492-062	BD	VALVE – Parking brake control	1	
-27	MS28775-006	C	“O” RING – 1/4 inch OD x 1/8 inch ID (on stern) (10V70-57-1)	1	
-28	MS28775-010	C	“O” RING – 3/8 inch OD x 1/4 inch ID (10V70-57-5)	1	
-29	U81342-042		WASHER – Spacer, brake control cable pulley installation	6	
-30	13215-00		WASHER – Friction, brake lever attachment	1	
-31	41481-16		CABLE – Parking brake control	1	
-32	AN815-4D	B	UNION – Brake line connector	2	
-33	108-3002268	B	SPRING – Return brake unit pedal #120	1	
-34	AN816-4D	B	NIPPLE – At parking brake valve	1	
-35	14751-00	B	GUARD – Brake pedal	1	
-36	SK-699		CLAMP AND BRACKET ASSEMBLY – Brake cable, on firewall	1	22-3218, 22-3387 to 22-3507 inclusive, 22-3509 and 22-3513
-37	U11200-000		PULLEY – Brake control cable, lower	1	22-3218, 22-3378 and up
			A – Used on PA-22 with serial numbers 22-1 to 22-2599 inclusive, 22-2600 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.		
			B – Used on PA-22 with serial numbers 22-3218, 22-3387 and up.		
			C – Used when Scott valve is installed.		
			D – Used when Hoof valve is installed.		

PA-22 TRI-PACER PARTS CATALOG

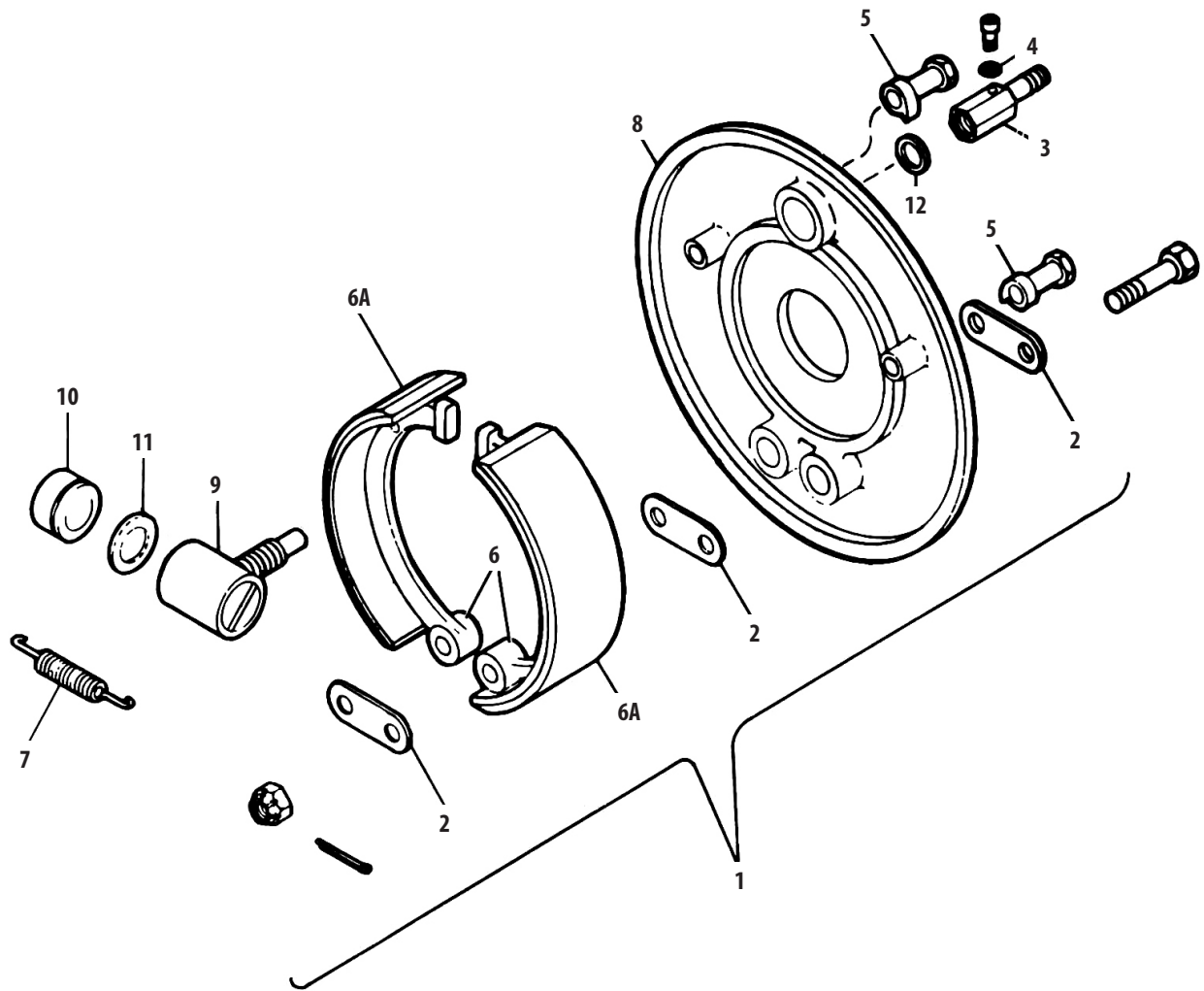


Figure 46. Brake Shoe Assembly

BRAKE SHOE ASSEMBLY

SECTION VII
Brake Installation Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
46-	-13113DWG 15142		DRAWING – Landing Gear Installation DRAWING – Landing Gear Installation		22-1 to 22-7642 inclusive 22-8000 to 22-8269 inclusive, 22-8271 to 22-8288 inclusive, 22-8290, 22-8292, 22-8294 to 22-8297 inclusive, 22-8299 to 22-8303 inclusive, 22-8306, 22-8308 to 22-8317 inclusive, 22-8319 to 22-8333 inclusive, 22-8335 to 22-8454 inclusive, 22-8456
-1	451-708		BRAKE ASSEMBLY – Complete (C-2000-H-7)	2	
-2	093-00100		BOLT PLATE – Anchor	3	
-3	751-380		VALVE BODY – Bleeder	1	
-4	MS28775-008		“O” RING – For bleeder screw	1	
-5	097-00102		ADJUSTING ECCENTRIC – Brake, RH	1	
	097-00101		ADJUSTING ECCENTRIC – Brake, LH	1	
-6	751-378		SHOE ASSEMBLY – Brake (B-2400-A-HR) RH	1	
	751-379		SHOE ASSEMBLY – Brake (B-2400-A-HL) LH	1	
-6a	066-00504		LINING – Brake, (2 linings plus rivets)	1	
-7	082-00300		RETURN SPRING – Shoe	1	
-8	752-685		TORQUE PLATE – (B-2010)	1	
-9	751-488		CYLINDER ASSEMBLY – (A-2200-H)	1	
-10	092-00100		PISTON ASSEMBLY	2	
-11	MS28775-211		“O” RING – Piston	2	
-12	MS28775-010		“O” RING – Cylinder nipple	1	

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
46A-	15173		DRAWING – Landing Gear Installation		
-1	030-01800		BRAKE ASSEMBLY	2	
-2	091-00701		CYLINDER – Brake	1	
-3	062-00300		PISTON	1	
-4	MS28775-218		PACKING – “O” Ring	1	
-5	069-00400		BOLT – Anchor	2	
-6	MS21083N6		NUT	2	
-7	NAS1149F0632P		WASHER	2	
-8	079-00300		SCREW – Bleeder	1	
-9	081-00200		SEAT – Bleeder	1	
-10	AN822-4D		TUBE FITTING	1	
-11	183-00100		CAP – Bleeder	1	
-12	073-00300		PLATE ASSEMBLY – Pressure	1	
-13	063-00500		PLATE – Pressure	1	
-14	066-10600		LINING	1	
-15	105-00200		RIVET	3	
-16	074-00200		PLATE ASSEMBLY – Back	1	
-17	064-00500		PLATE – Back	1	
-18	066-10600		LINING	1	
-19	105-00200		RIVET	3	
-20	756-127		SHIM – (68-4)	1	
-21	AN4H15A		BOLT	2	
-22	NAS1149F0432P		WASHER	2	
-23	075-01600		TORQUE PLATE ASSEMBLY	1	

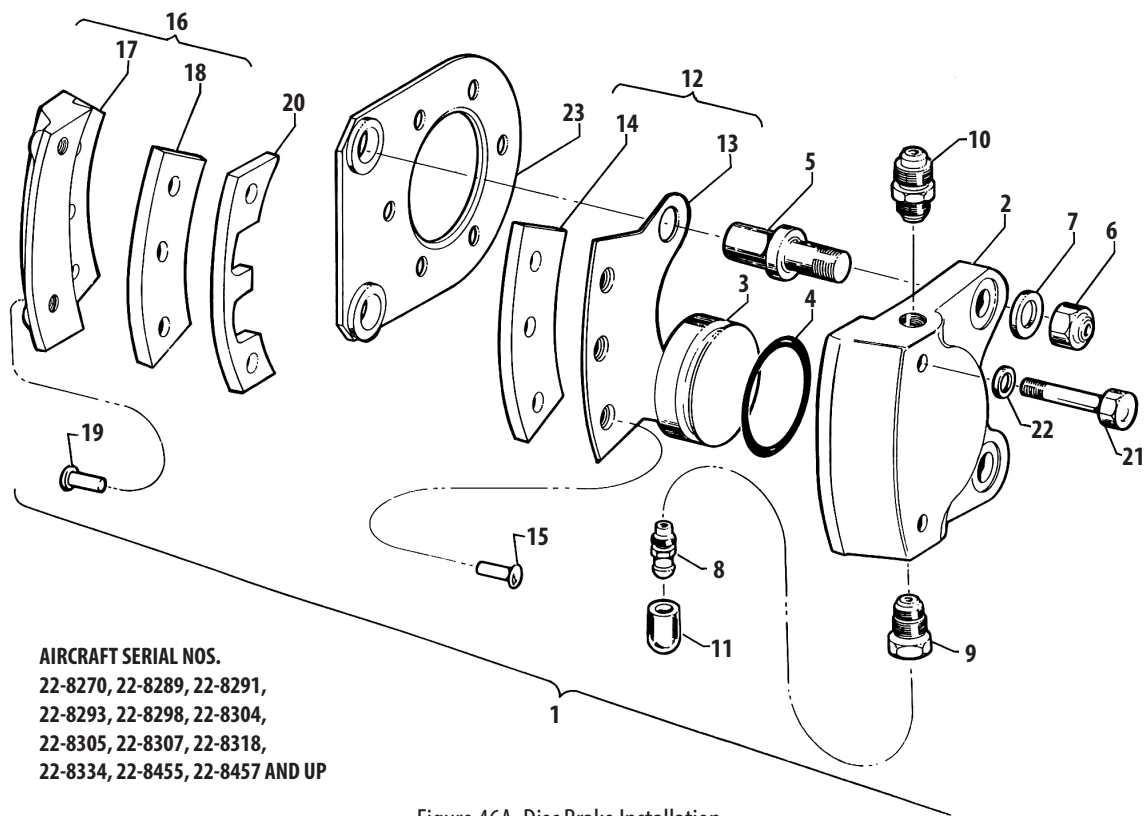


Figure 46A. Disc Brake Installation

PA-22 TRI-PACER PARTS CATALOG

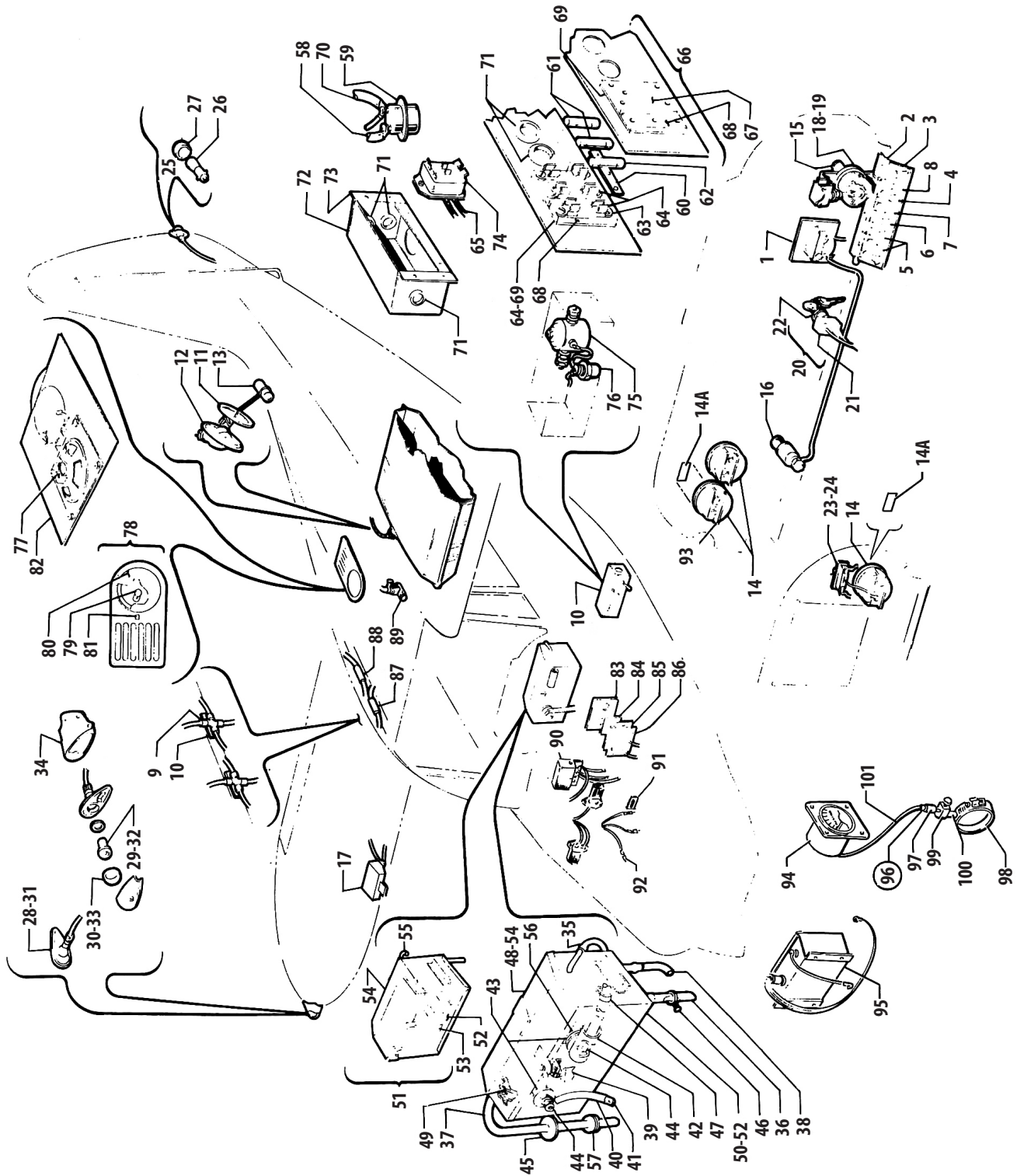


Figure 47. Electrical System Installation

ELECTRICAL SYSTEM INSTALLATION

SECTION VIII
Electrical System Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
47-	12629		DRAWING – Electrical System Installation		22-1 to 22-353 inclusive
	13466		DRAWING – Electrical System Installation		22-354 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive
	14706		DRAWING – Electrical System Installation		22-3218, 22-3387 and up
	14091		DRAWING – Battery Box Installation		22-1021, 22-1022, 22-1024 and up
	15146	F	DRAWING – Electrical System Installation		22-8000 to 22-9522 inclusive
	15240	F	DRAWING – Electrical System Installation		22-9523 and up
	15168	F	DRAWING – Battery Box Installation		
-1	450-655		AMMETER ASSEMBLY		
-2	12691-00	AB	JUMPER – Circuit breaker		
	14449-00	B	JUMPER – Circuit breaker		22-2378, 22-2425 and up
-3	12687-02	A	PLATE – Circuit breaker mounting		
	13333-00	C	PLATE – Circuit breaker mounting		22-1 to 22-806 inclusive
	13480-00	DE	PLATE – Circuit breaker mounting		
	14587-00		PLATE – Circuit breaker mounting		22-2378, 22-2425 to 22-6351 inclusive
	14992-00		PLATE – Circuit breaker mounting		22-6352 to 22-7157 inclusive
	15064-00		PLATE – Circuit breaker mounting		22-7158 and up
	15064-02	F	PLATE – Circuit breaker mounting		22-8000 to 22-9522 inclusive
	15064-03	F	PLATE – Circuit breaker mounting		22-9523 and up
-4	W23X1A1G-5		CIRCUIT BREAKER – PSM5, Fuel gauge		
	W23X1A1G-5		CIRCUIT BREAKER – (2305) Fuel gauge		
-5	W23X1A1G-10	B	CIRCUIT BREAKER – PSM10, landing light (Spencer)		
	W23X1A1G-10	B	CIRCUIT BREAKER – (2310) Landing light (Wood)		
-6	W23X1A1G-10	B	CIRCUIT BREAKER – PSM10, Radio (Spencer)		
	W23X1A1G-10	B	CIRCUIT BREAKER – (2310) Radio (Wood)		
	W23X1A1G-5	F	CIRCUIT BREAKER – (2305) Radio (Wood)		
-7	W23X1A1G-5		CIRCUIT BREAKER – PSM5, Navigation light (Spencer)		
	W23X1A1G-5		CIRCUIT BREAKER – (2305) (Wood)		
	W23X1A1G-10		CIRCUIT BREAKER – PSM10 (Spencer)		
	W23X1A1G-10		CIRCUIT BREAKER – (2310) (Wood)		
-8	-454-652		CIRCUIT BREAKER – PSM25, generator, “135” and “150” (Spencer)		22-534 and up
	-454-660		CIRCUIT BREAKER – (2325) (Wood)		22-1 to 22-533 inclusive
	W23X1A1G-15		CIRCUIT BREAKER – PSM15, generator, “115” and “125” (Spencer)		
-9	-455-161	A	CONNECTOR – Cross (3714)		
-10	11473-36	A	PLATE – Insulator		
-11	13002-00		GASKET – Tank fuel gauge (462-019)		
			<p>A – Used on PA-22 with serial numbers 22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive.</p> <p>B – Optional equipment.</p> <p>C – Used with Lear radio only when fuse and switch are mounted in plate.</p> <p>D – Used with Narco and Lear radio when fuse and switch are not mounted in plate.</p> <p>E – Used on PA-22 with serial numbers 22-1 to 22-2599 inclusive, 22-2600 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.</p> <p>F – Used on PA-22-108 only.</p>		

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
47-12	U450-663		GAUGE ASSEMBLY – Fuel, tank unit	2	
-13	751-767		FLOAT ASSEMBLY – Fuel gauge	2	
-14	3090-033	D	GAUGE – Fuel (panel unit)	1	22-1 to 22-3217 inclusive, 22-3219 to 22-3386 inclusive
	3090-033		GAUGE – Fuel (panel unit)	2	22-3218, 22-3387 and up
	450-760	F	GAUGE – Fuel (panel unit) Main tank	1	22-8000 and up
-14a	-15306-000		PLACARD – Fuel gauge	1	22-1 to 22-7642 inclusive
-15	-12643-000	E	KNOB ASSEMBLY – Navigation light switch	1	
-16	472-653	E	LIGHTER – Cigarette	1	
-17	450-675	CE	INDICATOR – Safe flight	1	
-18	12325-03	AH	SWITCH ASSEMBLY – Navigation light (with wires)	1	
	12325-02		SWITCH ASSEMBLY – Navigation light (with wires)	1	
-19	484-575		SWITCH ASSEMBLY – Navigation light (36232) (less wires)	1	
-20	14314-02		SWITCH – Ignition, with keys	1	22-2266 to 22-7642 inclusive, 22-9523 and up
	14049-02		SWITCH – Ignition, with keys	1	22-1 to 22-2265 inclusive
-21	487-782		SWITCH – Ignition, with keys	1	22-1 to 22-906 inclusive and 22-910
	752-892	B	SWITCH – Ignition, with keys	1	22-9523 and up
	756-115	FG	SWITCH – Ignition, with keys	1	22-8000 to 22-9522 inclusive
-22	752-302	B	LOCK – Ignition, with keys	1	22-9523 and up
	752-328	F	LOCK – Ignition, with keys	1	22-8000 to 22-9522 inclusive
-23	13025-00	C	SWITCH ASSEMBLY – Fuel gauge	1	
-24	AN3021-3	C	SWITCH – Fuel gauge	1	
-25	A555A-H-14	H	LIGHT – White, tail	1	
-26	GE93	H	BULB	1	
-27	A457A	H	LENS – White	1	
-28	W1285PG-14	H	LIGHT – Green, right wing	1	
-29	W1290-14	H	BULB	1	
-30	W1284-G	H	LENS – Green	1	
-31	W1285PR-14	H	LIGHT – Red, left wing	1	
-32	W1290-14	H	BULB	1	
-33	W1284-R	H	LENS – Red	1	
-34	U12560-000	H	BRACKET ASSEMBLY – Navigation light, wing	2	
-35	13586-31	J	TUBE – Plastic, battery vent inlet	1	
-36	13586-08	J	TUBE – Plastic, battery drain	1	
-37	13586-06	J	TUBE – Plastic, battery vent outlet	1	
-38	-14066-000	J	TUBE ASSEMBLY – Battery air intake	1	
-39	-14072-000	J	TAG – Battery box service instructions	1	
			A – Used only when lighted compass is installed.		
			B – Used on PA-22 with serial numbers 22-907, 22-908, 22-909, 22-911 to 22-7642 inclusive.		
			C – Used on PA-22 with serial numbers 22-1 to 22-2599 inclusive, 22-2600 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.		
			D – Used for PA-22-108 right wing fuel tank when auxiliary fuel system is installed.		
			E – Optional equipment.		
			F – Used on PA-22-108 only.		
			G – If ignition switch, door lock and matching keys are desired, order Part No. 15157-00.		
			H – Optional equipment on PA-22-108.		
			J – Used on PA-22 with serial numbers 22-1021, 22-1022, 22-1024 and up.		

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
47-40	U11122-004	C	CABLE ASSEMBLY – Battery ground	1	
	-11122-002		CABLE ASSEMBLY – Battery ground	1	22-1 to 22-1020 inclusive and 22-1023
-41	189-080	C	DUCT – Battery ground cable	1	
-42	14086-00	F	HOSE – Terminal shield	1	
	476-674		NIPPLE – Terminal shield (MS-2517-3)	1	22-1760 and up
-43	U81342-056	C	WASHER – Terminal bolt attachment	2	
-44	-14069-000	C	BOLT ASSEMBLY – Battery terminal	2	
-45	MS35489-18	C	GROMMET – Battery vent tubes installation	2	
-46	-454-925	C	CLAMP – Battery drain tube (No. 18-882)	1	
-47	80032-43		CLAMP – Cable attachment	1	22-1 to 22-1759 inclusive
	454-920		CLAMP – Attachment (Starter cable and battery to switch box cable) plastic	3	22-1760 and up
-48	15169-00	D	LID ASSEMBLY – Battery box	1	
	-14065-000		LID ASSEMBLY – Battery box	1	22-1021, 22-1022, 22-1024 and up
	12045-05		LID ASSEMBLY – Battery box	1	22-1 to 22-353 inclusive
-49	450-025	D	BATTERY – 12 Volt (Reading S-24)	1	22-1 to 22-353 inclusive
	450-035		BATTERY – 12 Volt (Reading R-33)	1	22-354 and up
-50	14064-07		BOX ASSEMBLY – Battery, bottom	1	22-1021, 22-1022, 22-1024 and up
	12044-13		BOX ASSEMBLY – Battery, bottom	1	22-1 to 22-353 inclusive
-51	13459-00	A	BOX ASSEMBLY – Battery (complete)	1	
-52	13458-00	A	BOTTOM ASSEMBLY	1	
-53	90150-02	A	FIBER STRIP	2	
-54	13457-00	A	LID ASSEMBLY	1	
-55	13447-00	A	PIN – Hinge	2	
-56	U14070-000		STRIP – Insulation, positive terminal	1	22-1021, 22-1022, 22-1024 and up
-57	AN931-10-14		GROMMET – 3/8 inch, air vent outlet inner fairing	1	22-1021, 22-1022, 22-1024 and up
-58	11227-02		CABLE ASSEMBLY – Starter to switch box	1	22-1 to 22-1759 inclusive
	14226-05		CABLE ASSEMBLY – Starter to switch box	1	22-1760 and up
-59	487-785	BH	SWITCH – Starter (#185-0)	1	
	U487-550	G	SWITCH – Starter (#1875-0)	1	
-60	14712-00		BUSS BAR – Fuse block, master switch	1	22-3218, 22-3387 and up
-61	AGC-30		FUSE – Starter switch	2	
-62	AGC-5	E	FUSE – Safe flight indicator	1	

A – Used on PA-22 with serial numbers 22-354 to 22-1020 inclusive and 22-1023.
B – Used on PA-22 with serial numbers 22-1 to 22-3876 inclusive, 22-3878 and 22-3879.
C – Used on PA-22 with serial numbers 22-1021, 22-1022, 22-1024 and up.
D – Used on PA-22-108.
E – Used on PA-22 with serial numbers 22-1 to 22-2599 inclusive, 22-2600 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.
F – Used on PA-22 with serial numbers 22-1021, 22-1022 and 22-1024 to 22-1759 inclusive.
G – Used on serial numbers 22-1 to 22-3076, 22-3878 to 22-3879 inclusive if Kit 756 895 has been installed.
H – If Starter Replacement Kit 756-895 has been installed, order part with Code "G".

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
47-63	12919-00		BUSS BAR – Fuse block	1	22-1 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive
-64	90797-10		SLEEVE – Bus bar	2	
-65	153-320		SHIELDING – Wire (Placard No. 690-D)	25'	
-66	12918-00	BE	BACK ASSEMBLY – Starter and master switch box	1	
	14769-00		BACK ASSEMBLY – Starter and master switch box	1	22-3877, 22-3880 and up
	14769-03	G	BACK ASSEMBLY – Starter and master switch box	1	
-67	13051-00		FUSE BLOCK – Doubler master switch	1	
-68	12156-02	C	FUSE BLOCK – Single safe flight indicator	1	
-69	12928-00	B	INSULATOR – Under fuse block	1	
	14770-00		INSULATOR – Under fuse block	1	22-3877, 22-3880 and up
-70	11134-06		CABLE ASSEMBLY – Battery to starter switch	1	22-1 to 22-1020 inclusive and 22-1023
	11134-09		CABLE ASSEMBLY – Battery to starter switch	1	22-1021, 22-1022 and 22-1024 to 22-1759 inclusive
	14226-04		CABLE ASSEMBLY – Battery to starter switch	1	22-1760 to 22-3885 inclusive
	14226-13		CABLE ASSEMBLY – Battery to solenoid	1	22-3877, 22-3880 and up
-71	AN931-10-14		GROMMET – Rubber, starter switch box	3	
-72	12917-00	BE	PLATE – Switch box cover	1	
	14768-00	G	PLATE – Switch box cover	1	22-3877, 22-3880 and up
-73	-12984-000	BE	BOX – Starter and master switch	1	
	14772-00		BOX – Starter and master switch	1	22-3877, 22-3880 and up
	14784-00	D	BOX – Starter and master switch	1	22-8000 to 22-8031, 22-9532 and up
	14784-02	D	BOX – Starter and master switch	1	22-8032 to 22-9522 inclusive
	14784-03	G	BOX – Starter and master switch	1	
-74	AN3023-1		SWITCH – Master	1	
-75	U487-149	G	SOLENOID – Starter switch box (#001464)	1	22-3877, 22-3880 and up
-76	U487-550	FG	BUTTON – Starter switch (#1875-0)	1	
-77	487-241		SPEAKER – (Used with Bendix Radio) (PMR-24)	1	22-1 to 22-353 inclusive
	487-240		SPEAKER – (Used with General Electric Radio)	1	22-1 to 22-353 inclusive
	18478-00	A	SPEAKER – Radio (Used with Narco Radio Installation)	1	
	752-884	A	SPEAKER – Radio (Used with Lear Radio)	1	
-78	12702-05		DOME LIGHT AND SPEAKER GRILL ASSEMBLY	1	22-1 to 22-6351 inclusive
	12702-09	A	DOME LIGHT AND SPEAKER GRILL ASSEMBLY	1	22-6352 and up
-79	GE89	A	BULB	1	
-80	12715-000	A	LENS – Dome light	1	
-81	487-777	A	SWITCH – Dome light	1	

A – Optional equipment on PA-22-108.
B – Used on PA-22 with serial numbers 22-1 to 22-3876 inclusive, 22-3878 and 22-3879.
C – Used on PA-22 with serial numbers 22-1 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.
D – Used on PA-22-108.
E – If Starter Replacement Kit 756-895 has been installed, order part with Code "G".
F – Used on airplanes with serial numbers 22-3877, 22-3880 to 22-8031 inclusive, and 22-9523 and up.
G – Used on serial numbers 22-1 to 22-3876, 22-3878 to 22-3879 inclusive if Kit 756-895 has been installed.

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
47-82	12700-00		PANEL – Speaker (Used with General Electric, Bendix PAR-70A and PAT-50A Radios)	1	22-1 to 22-353 inclusive
	12951-00		PANEL – Speaker (Used with Bendix PATR-10A Radio)	1	22-1 to 22-353 inclusive
	13361-00		PANEL – Speaker (Used with Lear and Narco Radio Installations)	1	
-83	14310-00	B	PLATE – Mounting, magneto filter box	1	22-4143, 22-4460 to 22-7642 inclusive
	15186-00	A	PLATE – Fiber, magneto filter trim	1	
	15195-00	C	PLATE – Firewall hole cover	1	
-84	14327-00	E	BLOCK – Terminal, magneto filter box	1	22-4143, 22-4460 and up
-85	14311-07	B	BOX ASSEMBLY – Magneto filter	1	22-4143, 22-4460 to 22-7642 inclusive
	15187-00	A	BOX ASSEMBLY – Magneto filter	1	22-8000 to 22-9522 inclusive
	14311-02	E	BOX ASSEMBLY – Magneto filter	1	
-86	14309-00	E	BOX – Filter	1	22-4143, 22-4460 to 22-7642 inclusive
	15185-00	A	BOX – Filter	1	22-8000 to 22-9522 inclusive
-87	14508-00		HARNES ASSEMBLY – Navigation light	1	22-2378, 22-2425 and up
-88	14509-00		HARNES ASSEMBLY – Cockpit spotlight	1	22-2378, 22-2425 and up
-89	01-0770820-00	A	LIGHT ASSEMBLY – Cockpit	2	
-90	492-643	D	VIBRATOR – Starter #10-87998-1	1	22-8000 to 22-9522 inclusive
-91	470-656	D	KIT ASSEMBLY – Magneto ground	1	22-8000 to 22-9522 inclusive
-92	470-657	D	KIT ASSEMBLY – Magneto retard	1	22-8000 to 22-9522 inclusive
-93	451-850		ADAPTER – Fuel gauge	1	
-94	752-120	F	GAUGE ASSEMBLY – Mixture control indicator	1	
	751-915	G	GAUGE ASSEMBLY – Mixture control indicator	1	
-95	751-291		AMPLIFIER ASSEMBLY – Mixture control gauge	1	
-96	756-907		THERMOCOUPLE ASSEMBLY – (With Mounting Kit)	1	
-97	756-307		THERMOCOUPLE – (Less Mounting Kit)	1	
-98	753-948		CLAMP – Thermocouple probe attachment	1	
-99	753-949		CLAMP ASSEMBLY – Thermocouple probe attachment	1	
-100	-756-256		MOUNTING SLEEVE – Thermocouple probe attachment	1	
-101	753-212		WIRE ASSEMBLY – Mixture control gauge	1	
			A – Optional equipment on PA-22-108.		
			B – Not used on PA-22-108.		
			C – Used when magneto filter is not installed.		
			D – Used on PA-22-108.		
			E – Used on PA-22-108 with serial numbers 22-9523 and up.		
			F – Used if Mixture Control Gauge Amplifier is <u>not</u> installed.		
			G – Used if Mixture Control Gauge Amplifier is <u>installed</u> .		

PA-22 TRI-PACER PARTS CATALOG

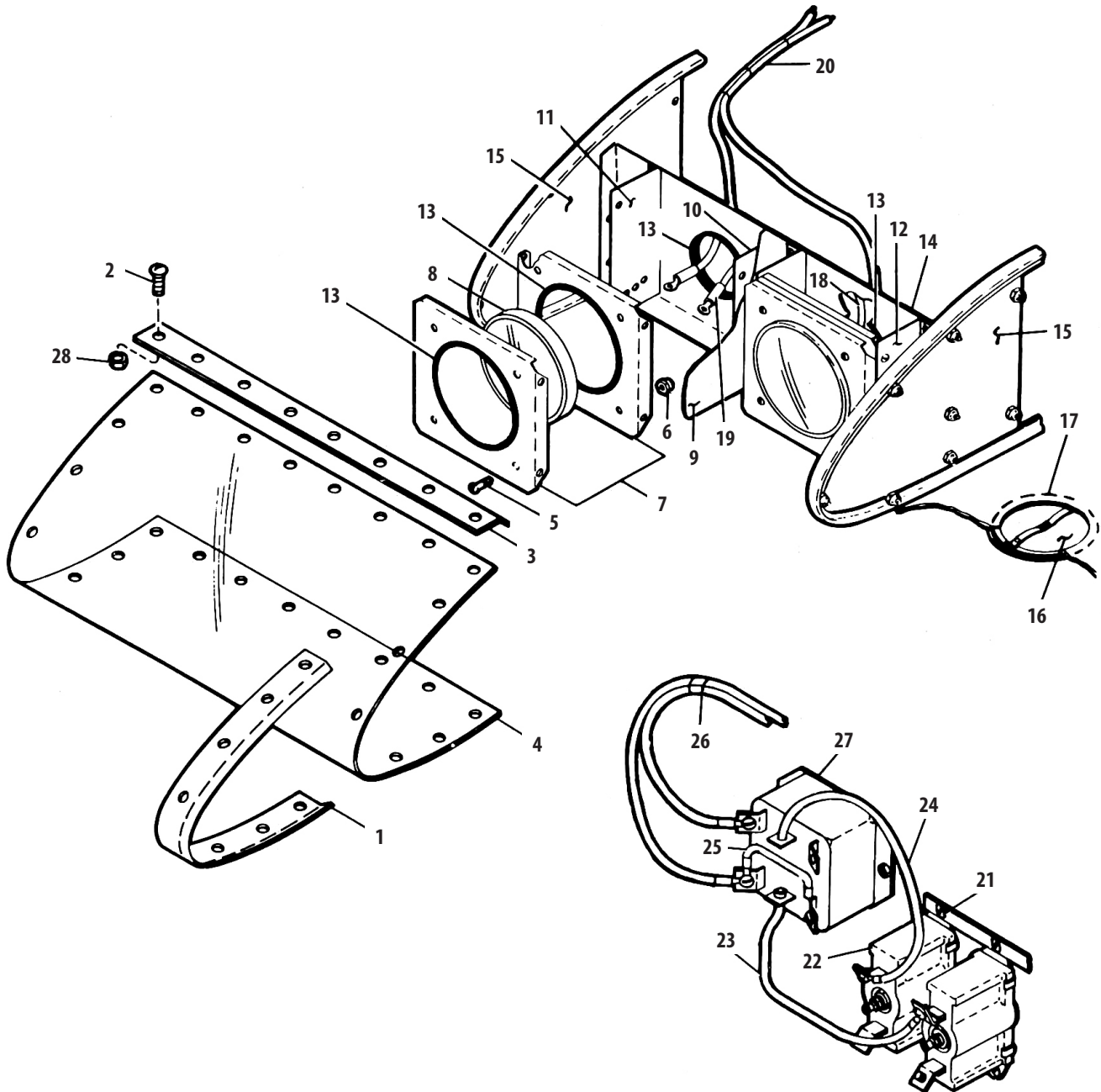


Figure 48. Landing Light Installation

LANDING LIGHT INSTALLATION

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
48-	12534	A	DRAWING – Landing Light Installation		
	14442	B	DRAWING – Landing Light Installation		
	14502	B	DRAWING – Landing Light Assembly		
-1	U12533-003		STRIP – Landing light window attachment, side	2	22-1 to 22-4049 inclusive
	14786-00		STRIP – Landing light window attachment, side, left	1	22-4050 and up
	14786-01		STRIP – Landing light window attachment, side, right	1	22-4050 and up
-2	MS35206-230		SCREW – Machine, round head (6-32 x 1/2" long)	73	
-3	U12533-002	A	STRIP – Landing light window attachment, top and bottom	2	
	-12533-004		STRIP – Landing light window attachment, top and bottom	2	22-2378, 22-2425 to 22-4049 inclusive
	-12533-004		STRIP – Landing light window attachment, top and bottom	2	22-4050 and up
-4	-12532-000	A	WINDOW – Landing light	1	
	-12532-002		WINDOW – Landing light	1	22-2378, 22-2425 to 22-4049 inclusive
	14785-02		WINDOW – Landing light	1	22-4050 and up
-5	415-742		SCREW – Machine, round head (6-32 x 7/8" long)	8	
-6	406-678		STOP NUT – Elastic (No. 22M62)	43	
-7	U12525-000		PLATE – Landing light attachment	4	
-8	4509		LIGHT – Landing (100 W. – 12 V.)	2	
-9	U12529-003		PLATE – Rib reinforcement, center	1	
-10	U12524-002		BRACKET – Landing light attachment, center	1	
-11	U12524-003		BRACKET – Landing light attachment, outer right	1	
-12	U12524-004		BRACKET – Landing light attachment, outer left	1	
-13	U19795-000		MOULDING – Rubber	72"	
-14	-12527-000	A	PLATE – Landing light mounting	1	
	U12527-002	B	PLATE – Landing light mounting	1	
-15	U12529-002	A	PLATE – Rib reinforcement, outer	2	
	U14425-000	B	PLATE – Rib reinforcement, outboard	1	
-16	U12761-002		COVER ASSEMBLY – Round inspection plate (8 per airplane on "150")	6	
	483-10		ROUND INSPECTION PLATE – Generic	6	
-17	U80122-049		GROMMET – Cover, inspection (8 per airplane on "150")	6	
-18	-12177-033	C	WIRE ASSEMBLY – Light, ground, 8" outboard	1	
	U10128-093		WIRE ASSEMBLY – Ground outboard	1	22-2378, 22-2425 and up
-19	U10128-093	C	WIRE ASSEMBLY – Ground, 8" inboard	1	
	14230-28		WIRE ASSEMBLY – Ground inboard	1	22-2378, 22-2425 and up
-20	12298-09	AD	HARNES ASSEMBLY – Wire, light to wing root	1	
	12298-03	E	HARNES ASSEMBLY – Wire, light to wing root	1	22-1 to 22-806 inclusive
	U12298-017	B	HARNES ASSEMBLY – Wire, wing root connection to landing light	1	
			A – Used on PA-22 with serial numbers 22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive.		
			B – Used on PA-22 with serial numbers 22-2378, 22-2425 and up.		
			C – Used on PA-22 with serial numbers 22-1 to 22-2599 inclusive, 22-2600 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.		
			D – Used on airplanes where wire assemblies have knife disconnects only.		
			E – Used on airplanes where wire assemblies have end terminals only.		

LANDING LIGHT INSTALLATION

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
48-21	AN515-6R10		SCREW – Machine, round head (6-32 x 3/8" long)	4	
-22	W23X1A1G-10		CIRCUIT BREAKER – PSM-10 (Spencer)	2	
	W23X1A1G-10		CIRCUIT BREAKER – (2310) (Wood)	2	
-23	10128-82	A	WIRE ASSEMBLY – Switch to circuit breaker	1	
	14230-27		WIRE ASSEMBLY – Switch to circuit breaker	1	22-2378, 22-2425 and up
-24	12177-64	A	WIRE ASSEMBLY – Switch to circuit breaker	1	
	14230-23		WIRE ASSEMBLY – Switch to circuit breaker	1	22-2378, 22-2425 and up
-25	12177-65	A	WIRE ASSEMBLY – Jumper	1	
	-14230-024		WIRE – Jumper	1	22-2378, 22-2425 and up
-26	-12298-018	B	HARNESS ASSEMBLY – Wire, wing root to switch	1	
	-12298-005	C	HARNESS ASSEMBLY – Wire, wing root to switch	1	22-1 to 22-806 inclusive
-27	AN3023-1		SWITCH	1	
-28	406-434		NUT – (Tinnerman No. 188-M-1)	28	
<p>A – Used on PA-22 with serial numbers 22-1 to 22-2599 inclusive, 22-2600 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.</p> <p>B – Used on airplanes where wire assemblies have knife disconnects only.</p> <p>C – Used on airplanes where wire assemblies have end terminals only.</p>					

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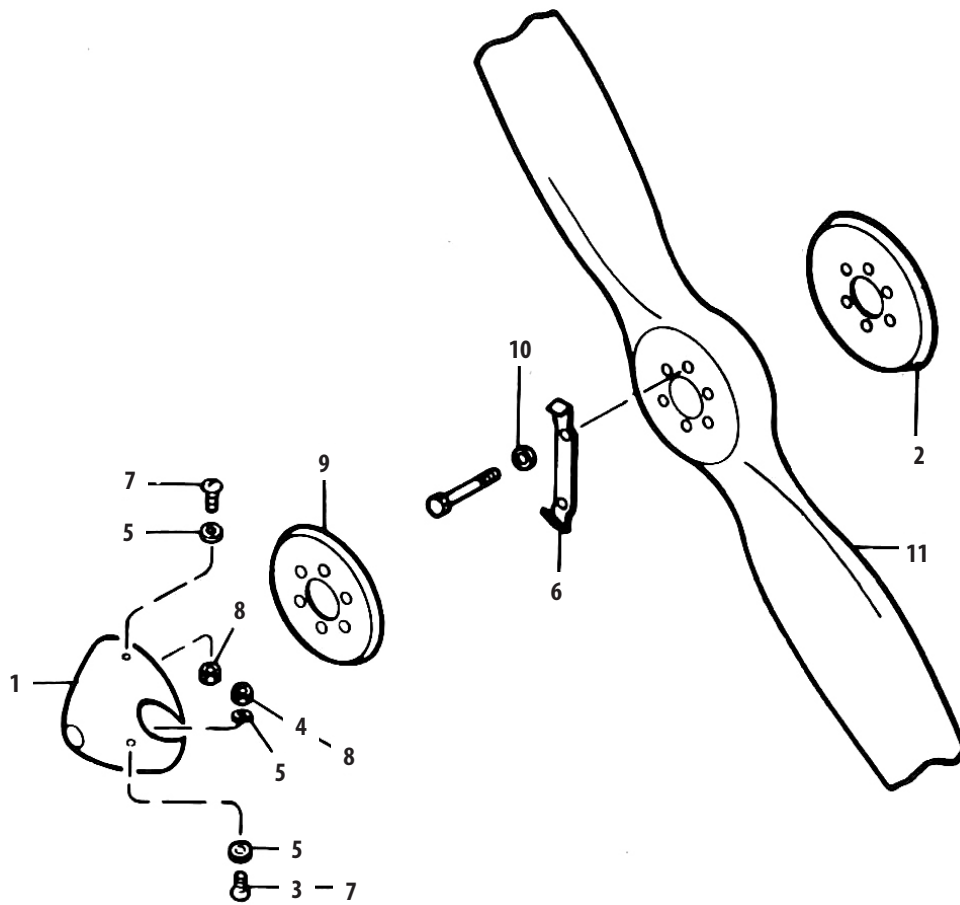


Figure 49. Spinner and Propeller Installation

SPINNER AND PROPELLER INSTALLATION

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
			NOTE: When securing a complete new spinner installation, all parts with like coding, in quantities indicated should be ordered.		
49-1	12416-00	A	SPINNER ASSEMBLY	1	22-1 to 22-7 inclusive, 22-8000 to 22-8031 inclusive
	10246-00	B	SPINNER ASSEMBLY	1	22-1 to 22-7 inclusive
	13187-00	B	SPINNER ASSEMBLY	1	22-8 to 22-553 inclusive
	13668-00	BC	SPINNER ASSEMBLY	1	
	-13163-000	A	SPINNER ASSEMBLY	1	22-8 to 22-553 inclusive
	U13661-000	AC	SPINNER ASSEMBLY	1	
	U14422-000	E	SPINNER – Propeller “150” and “160”	1	22-2378, 22-2425 to 22-7642 inclusive
	U13661-000	F	SPINNER – Propeller	1	22-8032 and up
	U14422-A		COMPLETE SPINNER ASSEMBLY – Dome, front and back plates	1	2378 and 2425 to 7642
	U13661-A		COMPLETE SPINNER ASSEMBLY – Dome, front and back plates	1	
-2	10247-00	A	PLATE – Back	1	22-1 to 22-7 inclusive, 22-8000 to 22-8031 inclusive
	10247-00	D	PLATE – Back	1	22-1 to 22-353 inclusive
	10247-00	B	PLATE – Back	1	22-1 to 22-7 inclusive
	13188-00	B	PLATE – Back	1	22-8 to 22-553 inclusive
	13666-00	BC	PLATE – Back	1	
	13164-00	A	PLATE – Back	1	22-8 to 22-553 inclusive
	U13663-000	AC	PLATE – Back	1	
	U13663-000		PLATE – Back	1	22-8032 and up
U14424-000		PLATE – Rear “150” and “160”	1	22-2378, 22-2425 to 22-7642 inclusive	
-3	AN526-832R8	AG	SCREW – Machine, round head, spinner attachment to front bracket (No. 8-32 x 1/2”)	2	22-1 to 22-7 inclusive
	AN526-832R8	D	SCREW – Machine, round head, spinner attachment to front bracket (No. 8-32 x 1/2”)	2	22-1 to 22-353 inclusive
	AN526-832R8	B	SCREW – Machine, round head, spinner attachment to front bracket	2	22-1 to 22-7 inclusive
-4	A190-832-1	AG	NUT – Spinner attachment to front bracket	2	22-1 to 22-7 inclusive
	A190-832-1	D	NUT – Spinner attachment to front bracket	2	22-1 to 22-353 inclusive
	A190-832-1	B	NUT – Spinner attachment to front bracket	2	22-1 to 22-7 inclusive
			A – Used with Sensenich Metal Propeller Installation. B – Used with Sensenich Wood Propeller Installation. C – Used on PA-22 with serial numbers 22-534 to 22-7642 inclusive. D – Used with “115” McCauley MET-L-PROP, Spinner Installation. E – Used on PA-22-150 and PA-22-160 only. F – Used on PA-22-108 only. G – Used on PA-22-108 with serial numbers 22-8000 and up. Optional equipment.		

SPINNER AND PROPELLER INSTALLATION

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
49-5	U85012-047	AF	WASHER – Fiber at front spinner bracket	4	22-1 to 22-7 inclusive
	U85012-047	C	WASHER – Fiber at front spinner bracket	4	
	U85012-047	B	WASHER – Fiber at front spinner bracket	4	22-1 to 22-7 inclusive
	U85012-047	B	WASHER – Fiber attachment, at front and rear spinner plate	10	22-8 to 22-553 inclusive
	U85012-047	BE	WASHER – Fiber attachment, at front and rear spinner plate	10	
	U85012-047	A	WASHER – Fiber attachment, at front and rear spinner plate	10	22-8 to 22-553 inclusive
	U85012-047	AE	WASHER – Fiber attachment, at front and rear spinner plate	10	
-6	12330-04	A	BRACKET – Front	1	22-1 to 22-7 inclusive, 22-8000 to 22-8031 inclusive
	12330-02	B	BRACKET – Front	1	22-1 to 22-7 inclusive
	12330-02	B	BRACKET – Front	1	22-8 to 22-553 inclusive
	12330-04	AH	BRACKET – Front	1	22-8 to 22-553 inclusive
-7	AN526-632R6	AG	SCREW – Machine, round head, spinner attachment to back plate (No. 6-32 x 3/8")	10	22-1 to 22-7 inclusive
	AN526-632R6	C	SCREW – Machine, round head, spinner attachment to back plate (No. 6-32 x 3/8")	10	22-1 to 22-353 inclusive
	AN526-632R6	B	SCREW – Machine, round head, spinner attachment to back plate (No. 6-32 x 3/8")	10	22-1 to 22-7 inclusive
	AN526-1032R8	B	SCREW – Truss head machine, spinner attachment to front and rear plate (No. 10-32 x 1/2")	8	22-8 to 22-553 inclusive
	AN526-1032R8	BD	SCREW – Truss head machine, spinner attachment to front and rear plate (No. 10-32 x 1/2")	10	
	AN526-1032R8	A	SCREW – Truss head machine, spinner attachment to front and rear plate (No. 10-32 x 1/2")	8	22-8 to 22-553 inclusive
	AN526-1032R8	AD	SCREW – Machine truss head, spinner attachment to front and rear plate (No. 10-32 x 1/2")	10	
			A – Used with Sensenich Metal Propeller Installation. B – Used with Sensenich Wood Propeller Installation. C – Used with "115" McCauley MET-L-PROP, Spinner Installation. D – Used on PA-22 with serial numbers 22-534 to 22-2424 inclusive, 22-2600 and 22-2601. E – Used on PA-22 with serial numbers 22-534 to 22-7642 inclusive. F – Used on PA-22-108 with serial numbers 22-8000 and up. Optional equipment. G – Used on PA-22-108. H – Used on airplanes with serial numbers 22-8032 and up.		

SPINNER AND PROPELLER INSTALLATION

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
49-8	406-351	AF	NUT – Spinner attachment to back plate (Tinnerman No. A-880-632-1)	10	22-1 to 22-7 inclusive
	406-351	C	NUT – Spinner attachment to back plate (Tinnerman No. A-880-632-1)	10	22-1 to 22-353 inclusive
	406-351	B	NUT – Spinner attachment to back plate (Tinnerman No. A-880-632-1)	10	22-1 to 22-7 inclusive
	406-359	B	NUT – Spinner attachment to front and rear plate (Tinnerman No. A-1505-1032-1)	8	22-8 to 22-553 inclusive
	406-359	A	NUT – Spinner attachment to front and rear plate (Tinnerman No. A-1505-1032-1)	8	22-8 to 22-553 inclusive
-9	13667-00	BD	PLATE – Front	1	
	U13664-000	ADG	PLATE – Front	1	
	U14426-000		PLATE – Front, “150”	1	22-2378, 22-2425 to 22-7642 inclusive
-10	-80122-055	BD	WASHER – Propeller bolt attachment	6	
	-80122-055	AD	WASHER – Propeller bolt attachment	6	
-11	450-945		PROPELLER – Sensenich wood (74FM-57) “125”	1	22-1 to 22-533 inclusive
	450-946	E	PROPELLER – Sensenich wood (74FM-58) “135”	1	
	450-988	E	PROPELLER – Sensenich metal (76AM-2-57) “135”	1	
	450-998		PROPELLER – Sensenich metal (#M74DM-61) “150” and “160”	1	22-2378, 22-2425 and up
	450-978		PROPELLER – Sensenich metal #M76AM-2-48 “108”	1	
			<p>A – Used with Sensenich Metal Propeller Installation. B – Used with Sensenich Wood Propeller Installation. C – Used with “115” McCauley MET-L-PROP, Spinner Installation. D – Used on PA-22 with serial numbers 22-534 to 22-2424 inclusive, 22-2600 and 22-2601. E – Used on PA-22 with serial numbers 22-534 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive. F – Used on PA-22-108 with serial numbers 22-8000 and up. Optional Equipment. G – Used on PA-22-108.</p>		

PA-22 TRI-PACER PARTS CATALOG

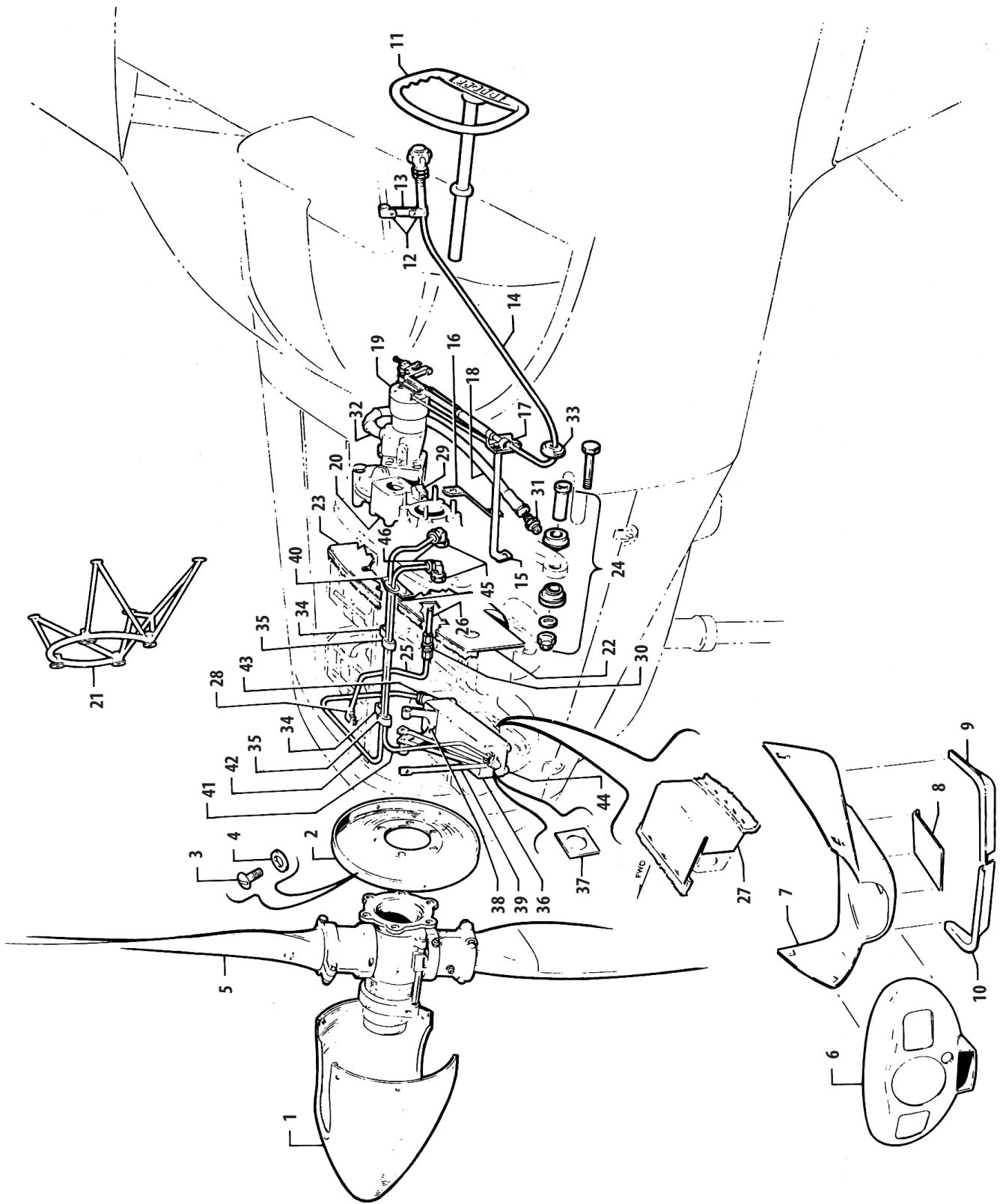


Figure 50. Hartzell Propeller Installation
 (Serial Nos. 22-1 to 22-7642 inclusive) (PA-22-150 only)

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
50-	14747	B	DRAWING – Propeller Installation, Hartzell Constant Speed, Controllable		
	14728	B	DRAWING – Oil Radiator Installation		
-1	14879-00	B	SPINNER – Hartzell propeller	1	
-2	14878-00	B	PLATE ASSEMBLY – Spinner mounting	1	
-3	416-996	B	SCREW – Spinner attaching (10-32 x 5/8 tr. hd.)	6	
-4	U85012-047	B	WASHER – Spinner installation	6	
-5	450-919	B	PROPELLER – Hartzell (#HC82XG-6/7 636D-4)	1	
-6	13778-03	B	COWL – Nose	1	
-7	14258-03	B	COWL – Bottom	1	
-8	14256-02	B	PLATE – Cowl bottom	1	
-9	14303-02	B	LOUVER – LH	1	
-10	14301-02	B	LOUVER – RH	1	
-11	14267-00	B	WHEEL ASSEMBLY – Control	2	
-12	80032-83	B	CLAMP – Propeller control support	2	
-13	81262-70	B	LINK – Clamp attachment, propeller control support	1	
-14	14733-00	B	CABLE – Governor control	1	
-15	14748-00	B	BRACE – Propeller governor	1	
-16	18769-00	B	BRACE – Dual drive	1	
-17	80222-33	B	CLAMP – Control cable attachment	1	
-18	17766-15	B	HOSE – Flexible, governor to engine	1	
-19	463-123	B	GOVERNOR – Woodward #210-115	1	
-20		AB	KIT – Dual drive, Lycoming #70385	1	
-21	14738-00	B	MOUNT – Engine	1	
-22	14736-00	B	BAFFLE – Engine, left rear	1	
-23	14443-07	B	BAFFLE – Engine, right rear	1	
-24	J6230-1	B	MOUNT ASSEMBLY – Lord	4	
-25	14760-00	B	LINE – Pressure, propeller governor	1	
-26	14607-00	B	LINE ASSEMBLY – Pressure, propeller governor	1	
-27	14758-00	B	BAFFLE – At oil radiator	1	
-28	458-897	B	ELBOW – (AN822-5-4D)	2	
-29	3350X2	B	ELBOW	1	
-30	AN815-5D	B	UNION	1	
-31	AN816-6-6D	B	NIPPLE	1	
-32	AN823-6D	B	ELBOW	1	
-33	MS35489-14	B	GROMMET	1	
-34	14729-00	B	BRACKET – Oil cooler lines support	2	
-35	454-872	B	CLIP – (#598-2)	2	
-36	14206-00		COOLER ASSEMBLY – Oil	1	22-534 and up
-37	-13726-000		PLATE – Lock	2	
-38	U13720-004		BRACKET – Oil cooler support, right	1	22-3454 and up
-39	U13725-007		BRACKET – Oil cooler support, left	1	22-3454 and up
-40	14783-00	B	PLATE – Oil cooler line support	1	
-41	14623-00		LINE ASSEMBLY – Oil cooler, left	1	22-3886 and up
-42	14624-00		LINE ASSEMBLY – Oil cooler, right	1	22-3886 and up
-43	-458-932	B	ELBOW – (#1100-8)	1	
-44	453-643	B	BUMPER – Rubber #9807	4	
-45	3200X6	B	ADAPTER	2	
-46	458-931	B	ELBOW – #905-8B	3	
			A – Secure from Lycoming, Division-Avco Corporation, Williamsport, Pennsylvania.		
			B – Used on PA-22 with serial numbers 22-3387 and up.		

PA-22 TRI-PACER PARTS CATALOG

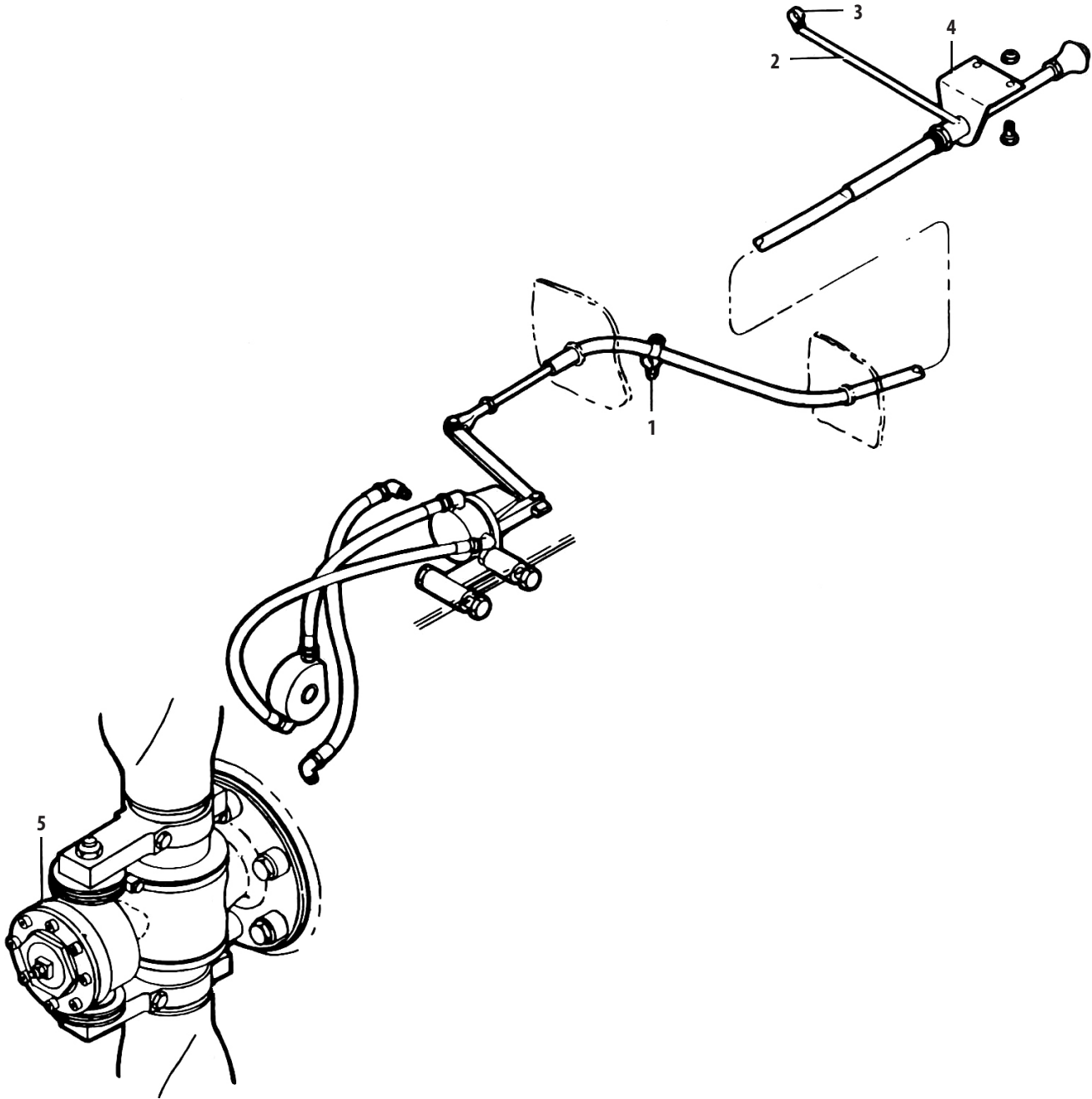


Figure 51. Aeromatic Propeller Installation
(Serial Nos. 22-1 to 22-7642 inclusive)

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
51-	12854	A	DRAWING – Propeller Installation		
-1	U12833-000	A	CLAMP ASSEMBLY – Propeller control support at engine mount	1	
-2	12832-04	A	TUBE ASSEMBLY – Propeller control support	1	
-3	80002-09	A	CLAMP – Propeller control support tube assembly	1	
-4	12826-00	A	BRACKET – Propeller control support at instrument panel	1	
-5	450-911	A	PROPELLER – Aeromatic, F200-H/00-74E (secure from Koppers Co. Inc.)	1	
			A – Used on PA-22 with serial numbers 22-1 to 22-2599 inclusive, 22-2600 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.		

PA-22 TRI-PACER PARTS CATALOG

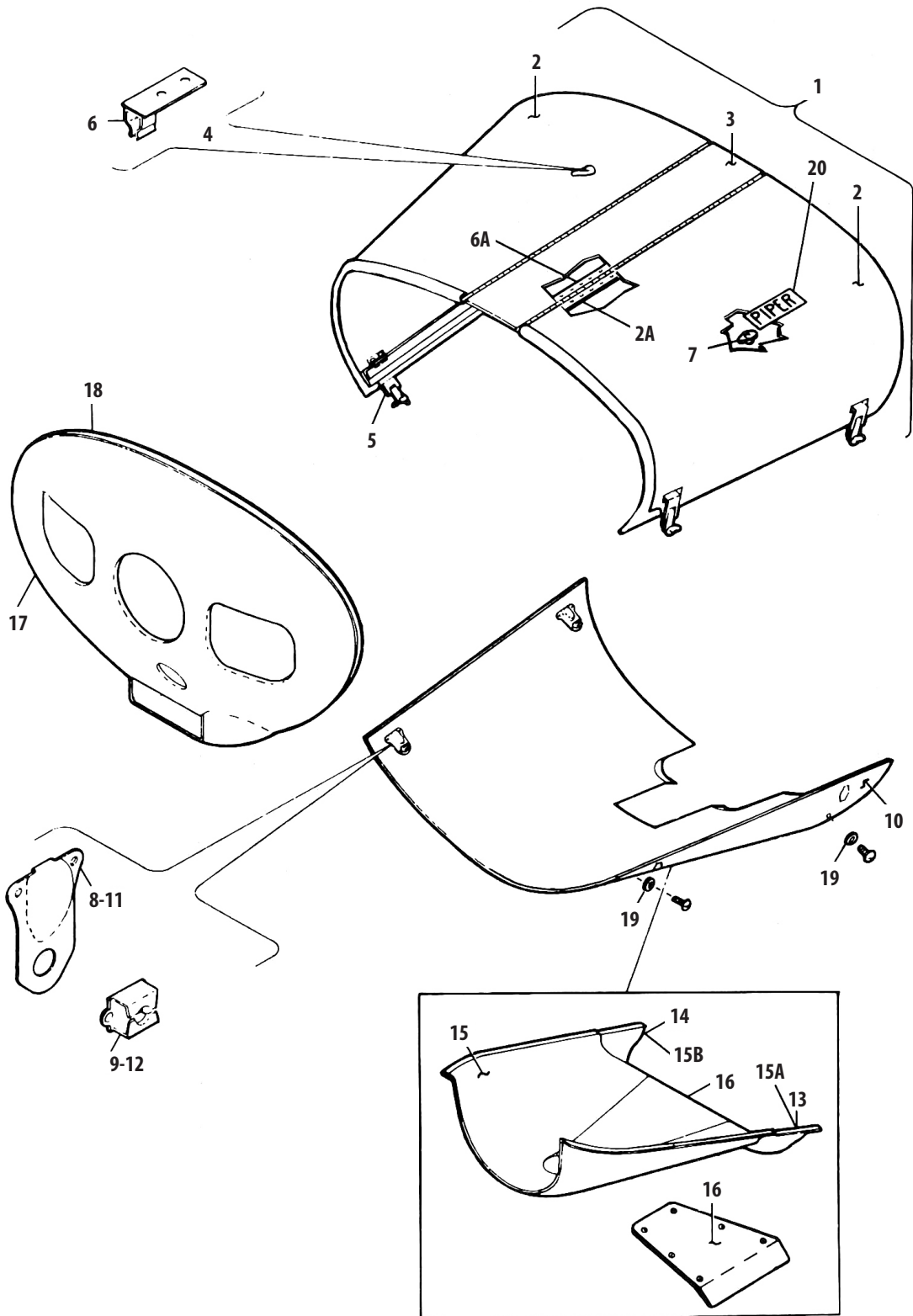


Figure 52. Cowl Assembly
(Serial Nos. 22-1 to 22-7642 inclusive)

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
52-1	U13158-000		COWL ASSEMBLY – Top, complete	1	
-2	13158-10		COWL ASSEMBLY – Top side, LH	1	
	13158-09		COWL ASSEMBLY – Top side, RH	1	
-2a	12720-06		HINGE – Cowl (complete)	1	
-3	13158-08		COWL ASSEMBLY – Top, center	1	
-4	U52745-000		FASTENER	1	
-5	108-6021401-22		FASTENER	4	
-6	-12813-000		CATCH ASSEMBLY – Rod, cowl support	2	
-6a	12720-06		HINGE – Cowl (complete)	2	
-7	406-361	C	NUT – Medallion attachment, Tinnerman No. A1059-014-1	6	22-2378, 22-2425 and up
-8	108-6021401-36		CUP – Cowl fastener	4	
-9	99947P130		RECEPTACLE – Fastener	4	
-10	U13119-000		COWL ASSEMBLY – Bottom “125”	1	22-1 to 22-353 inclusive
	U13119-003		COWL ASSEMBLY – Bottom “125”	1	22-354 to 22-533 inclusive
	U13784-000		COWL ASSEMBLY – Bottom “135”	1	22-534 to 22-1759 inclusive
	U14258-000		COWL ASSEMBLY – Bottom “135”, “150” and “160”	1	22-1760 and up
-11	108-6021401-36		CUP – Cowl fastener	4	
-12	99947P130		RECEPTACLE – Fastener	4	
-13	13783-00		LOUVER – “135”, LH	1	22-534 to 22-1759 inclusive
-14	13781-00		LOUVER – “135”, RH	1	22-534 to 22-1759 inclusive
-15	13119-05		SCOOP ASSEMBLY – “125”	1	22-1 to 22-533 Inclusive
	13784-02		SCOOP ASSEMBLY – “135”	1	22-534 to 22-1759 inclusive
	U14257-000		SCOOP ASSEMBLY – “135”, “150” and “160”	1	22-1760 and up
-15a	U13132-000		LOUVER – “125”, LH	1	22-1 to 22-533 inclusive
	14303-00		LOUVER – Left, “135”, “150” and “160”	1	22-1760 and up
-15b	U13130-000		LOUVER – “125”, RH	1	22-1 to 22-533 inclusive
	14301-00		LOUVER – Right, “135”, “150” and “160”	1	22-1760 and up
-16	U13120-000		PLATE – Bottom (Note: Used when attached by Lion fasteners) “125”	1	22-1 to 22-533 inclusive
	13656-00		PLATE – Bottom (Note: Used when attached by anchor nuts) “125”	1	22-1 to 22-533 inclusive
	U13777-000	A	PLATE – Bottom, “135”	1	
	U14256-000		PLATE – Bottom, “150” and “160”	1	22-1760 and up
-17	U13778-000		COWL ASSEMBLY – Nose, “135”, “150” and “160”	1	22-534 and up
	U11958-004		COWL ASSEMBLY – Nose	1	22-1 to 22-533 inclusive
	13778-03		COWL – Nose (used when Hartzell Propeller is installed)	1	22-3218, 22-3387 and up
-18	WEBBING-1/2		WEBBING – Cowl	8	
-19	U85012-047		WASHER – Fiber, bottom cowl attachment, front and rear	13	
-20	14471-00	B	MEDALLION – Tri-Pacer “150” engine cowl	2	
	18855-00		STENCIL – “Piper”	1	22-6352 and up

A – Used on PA-22 with serial numbers 22-534 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive.
 B – Used on PA-22 with serial numbers 22-2378, 22-2425 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.
 C – Not used on PA-22-108.

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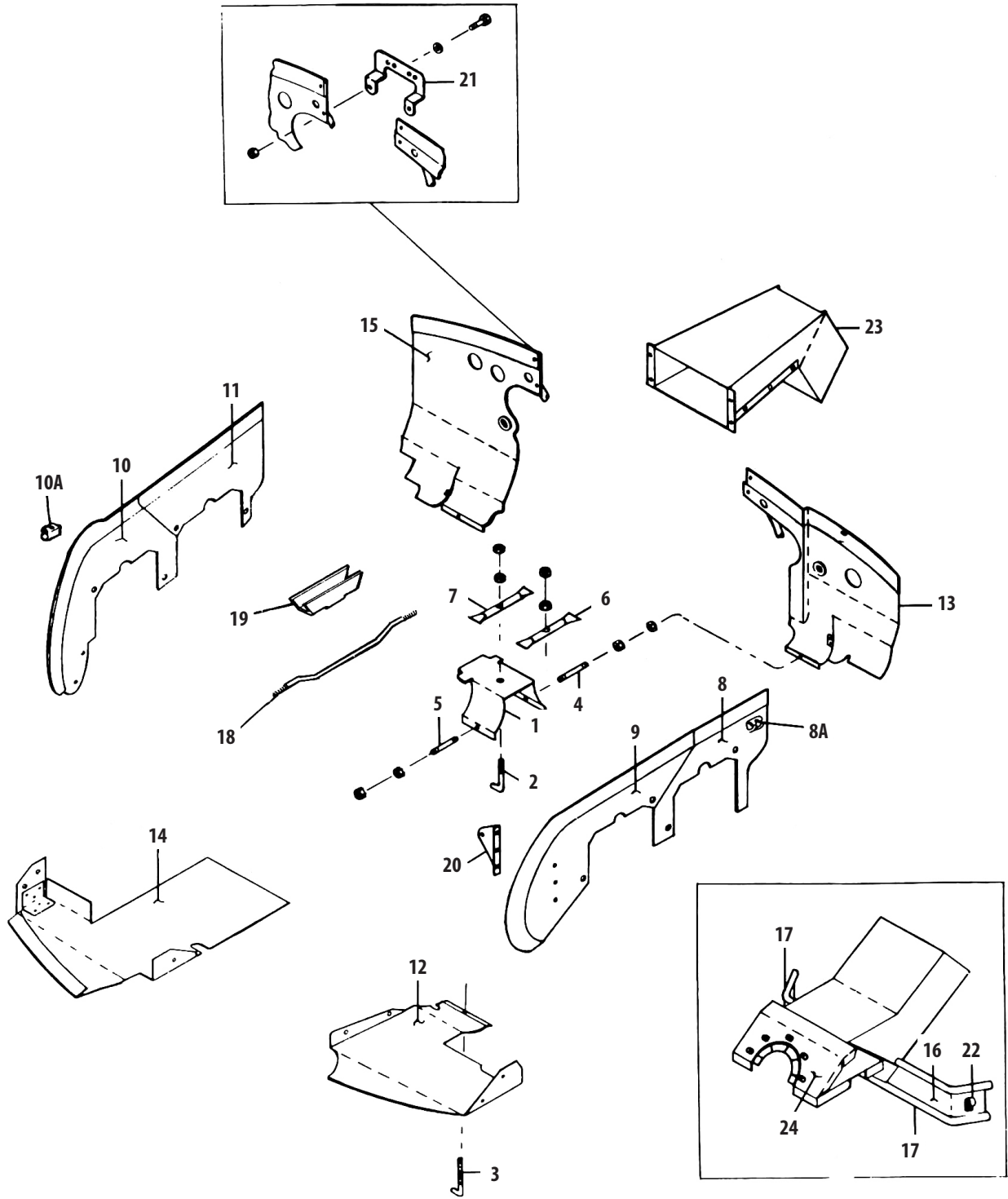


Figure 53. Engine Baffle Installation
(Serial Nos. 22-1 to 22-7642 inclusive)

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
53-1	74912-00	AB	BAFFLE – Intercylinder, “135”	2	
		C	BAFFLE – Intercylinder, “150” and “160”	2	
-2	-71451-003	B	ROD – Hanger, intercylinder baffle	2	
-3	-71451-008	B	ROD – Hanger, right front baffle (2 per ship Model “135”, LH and RH)	1	
-4	U10487-004	B	ROD – Tie, rear engine baffle to intercylinder baffle, 3”	2	
-5	U10487-003		ROD – Tie, left front baffle to intercylinder baffle, 2”, “125”	1	22-1 to 22-533 inclusive
	U10487-003		ROD – Tie, intercylinder baffle to front and rear side baffles, “150” and “160”	4	22-2378, 22-2425 and up
-6	-10415-002	A	SUPPORT – Right front baffle hanger, 3” (2 per ship Model “135”, LH and RH)	1	
-7	-10415-003	A	SUPPORT – Intercylinder baffle	2	
		C	SUPPORT – Intercylinder baffle, “150”	2	
-8	11945-005		BAFFLE ASSEMBLY – Engine, rear, “125”, LH side	1	22-1 to 22-533 inclusive
	-13774-000	A	BAFFLE ASSEMBLY – Engine, rear, “135”, LH side	1	
	U14430-000		BAFFLE ASSEMBLY – Engine, left side rear, “150” and “160”	1	22-2378, 22-2425 and up
-8a	-454-919		CLIP – Cowl support rod	1	
-9	11944-05	B	BAFFLE ASSEMBLY – Engine, front, LH side	1	
	U14429-000		BAFFLE ASSEMBLY – Engine, left side front “150” and “160”	1	22-2378, 22-2425 and up
-10	11946-05		BAFFLE ASSEMBLY – Engine, front, “125”, RH side	1	22-1 to 22-533 inclusive
	13773-00	A	BAFFLE ASSEMBLY – Engine, front, RH side, “135”	1	
	U14432-000		BAFFLE ASSEMBLY – Engine, right side front, “150” and “160”	1	22-2378, 22-2425 and up
-10a	-454-919		CLIP – Cowl support rod	1	
-11	11947-05		BAFFLE ASSEMBLY – Engine, rear, “125”, RH side	1	22-1 to 22-533 inclusive
	13772-00	A	BAFFLE ASSEMBLY – Engine, rear, “135”, RH side	1	
	U14437-000		BAFFLE ASSEMBLY – Engine, right side rear	1	22-2378, 22-2425 and up
-12	12748-00		BAFFLE ASSEMBLY – Engine, front, “125”, LH	1	22-1 to 22-533 inclusive
	12428-04	A	BAFFLE ASSEMBLY – Engine, front, “135”, LH	1	
	U14440-000		BAFFLE ASSEMBLY – Engine, left front, “150” and “160”	1	22-2378, 22-2425 and up
-13	12712-06		BAFFLE ASSEMBLY – Engine, rear, “125”, LH (Used on shielded engine)	1	22-1 to 22-533 inclusive
	12712-00		BAFFLE ASSEMBLY – Engine, rear, “125”, LH (Used on non-shielded engine)	1	22-1 to 22-533 inclusive
	13779-00		BAFFLE ASSEMBLY – Engine, rear, “135”, LH	1	
	14431-00		BAFFLE ASSEMBLY – Engine, left rear, “150”	1	22-2425 to 22-3885 inclusive
	U14431-006		BAFFLE ASSEMBLY – Engine, left rear, “150” and “160”	1	22-3886 and up
			A – Used on PA-22 with serial numbers 22-534 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive.		
			B – Used on PA-22 with serial numbers 22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive.		
			C – Not available through Piper Aircraft Corporation. Secure from Lycoming, Division-Avco Corporation, Williamsport, Pennsylvania.		

ENGINE BAFFLE INSTALLATION
(Serial Nos. 22-1 to 22-7642 inclusive)

SECTION IX
Power Plant Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
53-14	-12749-000	A	BAFFLE ASSEMBLY – Engine, front, “125”, RH	1	22-1 to 22-533 inclusive
	-12749-005		BAFFLE ASSEMBLY – Engine, front, “135”, RH	1	
	U14439-000		BAFFLE ASSEMBLY – Engine, right front, “150” and “160”	1	22-2378, 22-2425 and up
-15	12714-04	A	BAFFLE ASSEMBLY – Engine, rear, “125” (Used with shielded engine) RH	1	22-1 to 22-533 inclusive
	12714-00		BAFFLE ASSEMBLY – Engine, rear, “125” (Used on non-shielded engine) RH	1	22-1 to 22-533 inclusive
	12714-06		BAFFLE ASSEMBLY – Engine, rear (Used on shielded engine) (When rear seat heater is installed) “125”, RH	1	22-354 to 22-533 inclusive
	12714-05		BAFFLE ASSEMBLY – Engine, rear (Used on non-shielded engine) (When rear seat heater is installed) “125”, RH	1	22-354 to 22-533 inclusive
	13780-02		BAFFLE ASSEMBLY – Engine, rear (Used when rear seat heater is installed)	1	
	13780-04		BAFFLE ASSEMBLY – Engine, rear (Used when rear seat heater is not installed) “135”, RH	1	22-534 to 22-806 inclusive
	U14443-000		BAFFLE ASSEMBLY – Engine, right rear “150” and “160”	1	22-2425 to 22-3885 inclusive
	U14443-005		BAFFLE ASSEMBLY – Engine, right rear “150” and “160”	1	22-3886 and up
-16	U13136-000		BAFFLE ASSEMBLY – Air bottom cowl	1	
-17	187-510		MOULDING – Rubber (No. NX502B-52)	3-1/2”	
-18	U14513-000	ROD – Tie, connecting front and rear baffles, “150” and “160”	2	22-2378, 22-2425 and up	
-19	18213-00	B	CHANNEL – Inner cylinder baffle attachment, “150” and “160” (65883)	2	22-2378, 22-2425 and up
-20	U13587-000	BRACKET – Baffle support, side baffle, front, LH	1	22-464 and up	
-21	-10175-000	BRACKET ASSEMBLY – Top center baffle plate attachment, “115”, “135”, “150” and “160”	1	22-354 and up	
-22	-80032-041	CLAMP – Attachment, carburetor air baffle (Used with 1” tube on nose wheel mount)	2		
-23	12758-00	SCOOP ASSEMBLY – Air, oil cooler, “125”	1	22-1 to 22-353 inclusive	
-24	U13137-000	SCOOP ASSEMBLY – Carburetor air box	1		
<p>A – Used on PA-22 with serial numbers 22-534 to 22-2377 inclusive and 22-2.379 to 22-2424 inclusive.</p> <p>B – Not available through Piper Aircraft Corporation. Secure from Lycoming, Division-Avco Corporation, Williamsport, Pennsylvania.</p>					

PA-22 TRI-PACER PARTS CATALOG

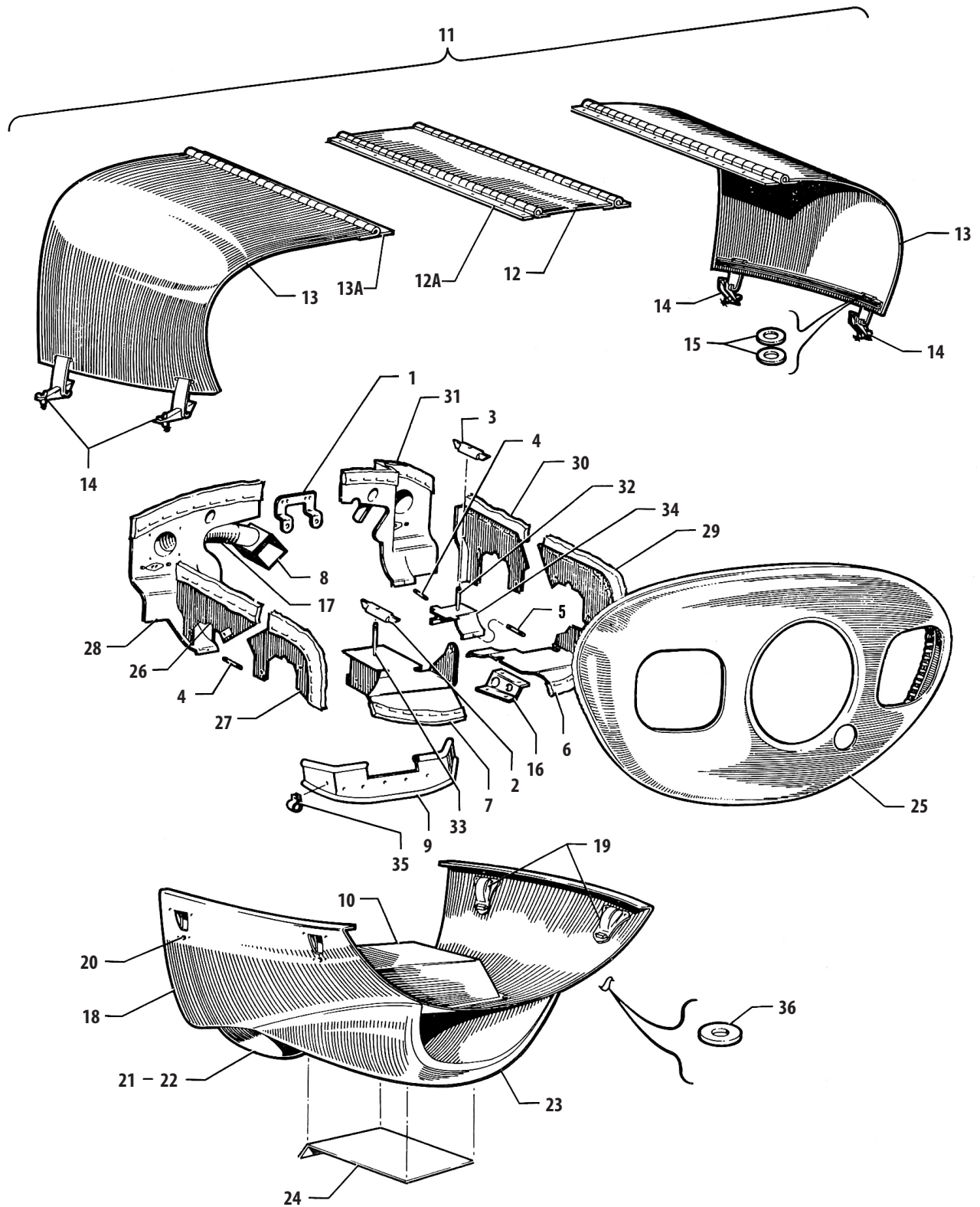


Figure 53A. Cowl and Baffles Installation
(Serial Nos. 22-8000 and up)

COWL AND BAFFLES INSTALLATION
(Serial Nos. 22-8000 and up)

SECTION IX
Power Plant Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
3A-	15144		DRAWING – Power Plant		
-1	-10175-000		BRACKET – Rear baffle	1	
-2	-10415-002		SUPPORT – Baffle hanger, right	1	
-3	-10415-003		SUPPORT – Baffle hanger	2	
-4	U10487-000		TIE ROD – Baffle attachment, rear	2	
-5	U10487-002		TIE ROD – Baffle attachment, front, left	1	
-6	15210-00		BAFFLE ASSEMBLY – Front, left	1	
-7	-11948-000		BAFFLE ASSEMBLY – Front, right	1	
-8	11951-00		BAFFLE ASSEMBLY – Oil pressure housing	1	22-8000 to 22-8822 inclusive
	-11951-007		BAFFLE ASSEMBLY – Oil pressure housing	1	22-8823 and up
-9	U13136-000		BAFFLE ASSEMBLY – Engine bottom	1	
-10	U13137-000		SCOOP ASSEMBLY – Carburetor air box	1	
-11	13158-16	A	COWL ASSEMBLY – Engine top, complete	1	
	15189-00		COWL ASSEMBLY – Engine top, complete	1	22-8381, 22-8393, 22-8440, 22-8630 and up
-12	13158-08	A	COWL ASSEMBLY – Top center	1	
	15192-00		COWL ASSEMBLY – Top center	1	22-8381, 22-8393, 22-8440, 22-8630 and up
-12a	12720-06		HINGE – Cowl (complete)	2	
-13	13158-21	A	COWL ASSEMBLY – Top side, RH	1	
	15194-00		COWL ASSEMBLY – Top side, RH	1	22-8381, 22-8393, 22-8440, 22-8630 and up
	13158-22	A	COWL ASSEMBLY – Top side, LH	1	
	15193-00		COWL ASSEMBLY – Top side, LH	1	22-8381, 22-8393, 22-8440, 22-8630 and up
-13a	12720-06		HINGE – Cowl (complete)	1	
-14	108-6021401-22		FASTENER ASSEMBLY	2	
-15	U81342-019		WASHER	8	
-16	11400-00		BRACKET – Attachment, left front baffle	1	
-17	10525-69	A	HOSE – Oil pressure housing baffle	1	
	22502-06		HOSE – Oil pressure housing baffle	1	22-8381, 22-8393, 22-8440, 22-8630 and up
-18	U14258-005	A	COWL ASSEMBLY – Engine bottom, complete	1	
	14258-06		COWL ASSEMBLY – Engine bottom, complete	1	22-8381, 22-8393, 22-8440, 22-8630 and up
-19	108-6021401-36	A	CUP – Cowl fastener	4	
	108-6021401-36		CUP – Cowl fastener, rear	2	22-8381, 22-8393, 22-8440, 22-8630 and up
	12707-02		CUP – Cowl fastener, LH, front	1	22-8381, 22-8393, 22-8440, 22-8630 and up
	12707-03		CUP – Cowl fastener, RH, front	1	22-8381, 22-8393, 22-8440, 22-8630 and up
-20	99947P130		RECEPTACLE – Fastener	4	
-21	14303-00		LOUVER – Left	1	
-22	14301-00		LOUVER – Right	1	
-23	U14257-000		SCOOP ASSEMBLY	1	
-24	U14256-000		PLATE – Bottom	1	
			A – Used on airplanes with serial numbers 22-8000 to 22-8380 inclusive, 22-8382 to 22-8392 inclusive, 22-8394 to 22-8439 inclusive, 22-8441 to 22-8629 inclusive.		

COWL AND BAFFLES INSTALLATION
 (Serial Nos. 22-8000 and up)

SECTION IX
 Power Plant Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
53A-25	U15127-000		COWL ASSEMBLY – Nose	1	
-26	15152-00		BAFFLE ASSEMBLY – Side, right rear	1	
-27	15153-00		BAFFLE ASSEMBLY – Side, right front	1	
-28	15155-00		BAFFLE ASSEMBLY – Rear, right	1	
-29	15159-00		BAFFLE ASSEMBLY – Side, left front	1	
-30	-15160-000		BAFFLE ASSEMBLY – Side, left rear	1	
-31	15162-00		BAFFLE ASSEMBLY – Rear, left	1	
-32	-71451-004		TIE ROD – Baffle support	2	
-33	-71451-008		TIE ROD – Baffle support, right	1	
-34	-74912-000		BAFFLE – Intercylinder	2	
-35	-80032-041		CLAMP – Engine bottom baffle	2	
-36	U85012-047		WASHER	12	

PA-22 TRI-PACER PARTS CATALOG

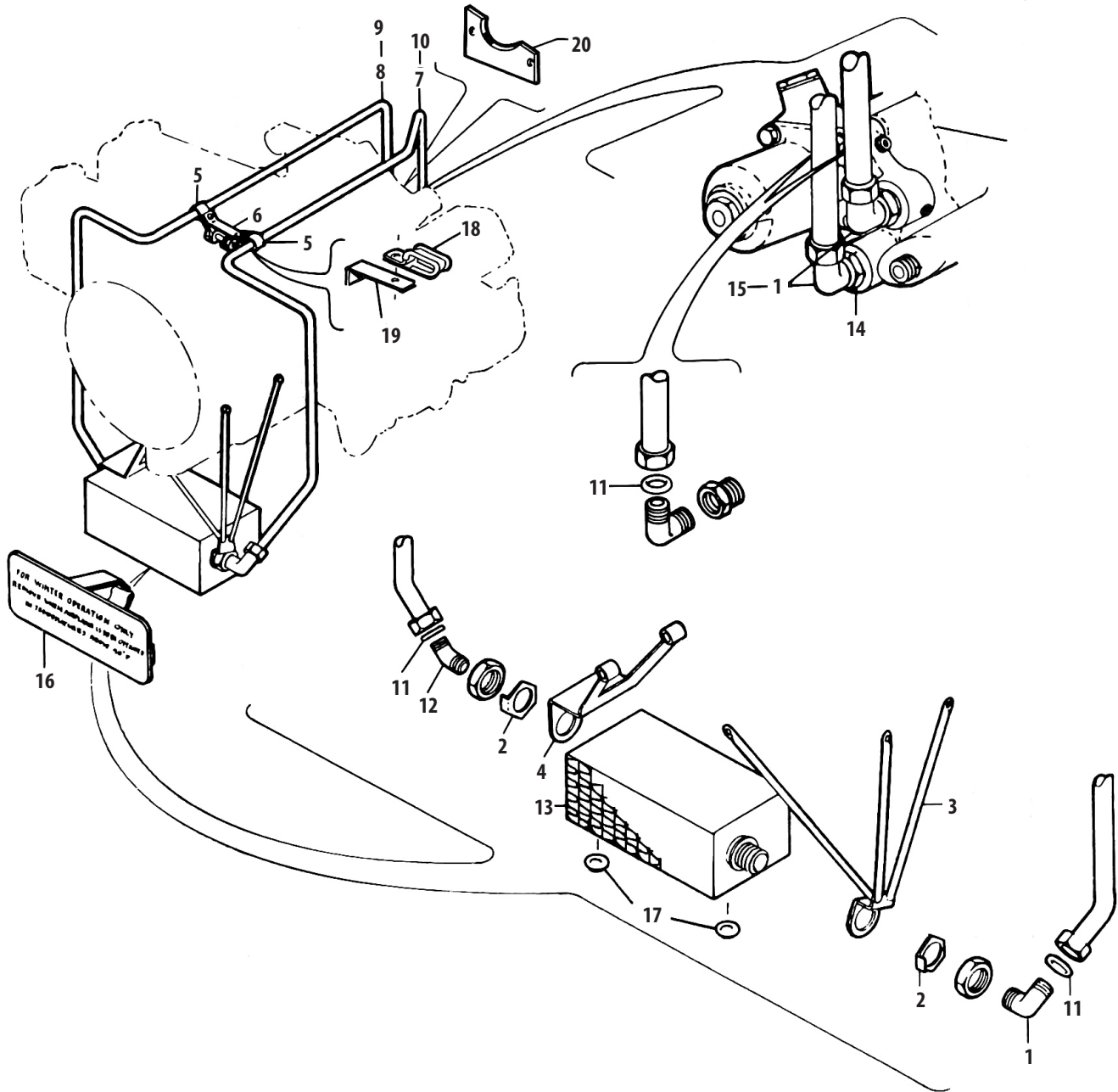


Figure 54. Oil Radiator Installation
(Serial Nos. 22-1 to 22-7642 inclusive)

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
54-	-13724DWG	A	DRAWING – Oil Radiator Installation “135”		
	14368	B	DRAWING – Oil Radiator Installation		22-2425 to 22-3885 inclusive
	14728		DRAWING – Oil Radiator Installation		22-3886 and up
-1	458-931	A	ELBOW – Oil radiator line attachment (at left side radiator and at engine when vacuum pump is not installed) (No. 900-8B) “135”	3	
	458-931	BC	ELBOW – Oil radiator line attachment (at left side radiator and at engine)	2	
-2	-13726-000		PLATE – Lock, oil radiator installation “135”, “150” and “160”	2	22-534 and up
-3	U13725-000		BRACKET ASSEMBLY – Oil radiator mounting, left side, “135” and “150”	1	22-534 to 22-3453 inclusive
	U13725-007		BRACKET ASSEMBLY – Oil radiator mounting, LH	1	22-3454 and up
-4	U13720-000		BRACKET ASSEMBLY – Oil radiator mounting, right side, “135” and “150”	1	22-534 to 22-3453 inclusive
	U13720-004		BRACKET ASSEMBLY – Oil radiator mounting, RH	1	22-3454 and up
-5	-454-933		CLAMP – Tinnerman No. A498S-8-91, oil line attachment	2	22-2425 to 22-3885 inclusive
-6	-14549-000		STRAP – Bracket support	1	22-2425 to 22-3885 inclusive
-7	13723-00	A	LINE ASSEMBLY – Oil radiator, left side, “135” (used when vacuum pump is not installed)	1	
	14367-00	B	LINE ASSEMBLY – Oil cooler, left (outlet)	1	
	14623-00		LINE ASSEMBLY – Oil radiator, LH	1	22-3886 and up
-8	13722-00	A	LINE ASSEMBLY – Oil radiator (when vacuum pump is not installed) “135”, RH	1	
	-14366-000	B	LINE ASSEMBLY – Oil cooler, right (inlet)	1	
	14624-00		LINE ASSEMBLY – Oil radiator, RH	1	22-3886 and up
-9	14025-00	A	LINE ASSEMBLY – “135”, Oil radiator (used when vacuum pump is installed) RH	1	
-10	14026-00	A	LINE ASSEMBLY – “135”, Oil radiator (used when vacuum pump is installed) LH	1	
-11	-484-654		RING – Seal, “135”, “150” and “160”	2	22-534 and up
-12	-458-932		ELBOW – Oil radiator line attachment, “135” and “150” (at right side radiator) (No. 1100-8)	1	22-534 and up
	8000328		RADIATOR – Oil cooler, 12 plate (14206-00) “135” and “150”	1	22-534 and up
			A – Used on PA-22 with serial numbers 22-534 to 22-2213 inclusive, 22-2216 to 22-2219 inclusive, 22-2221, 22-2222, 22-2225, 22-2227, 22-2230, 22-2231, 22-2232, 22-2238, 22-2245, 22-2246, 22-2249 and 22-2254.		
			B – Used on PA-22 with serial numbers 22-2214, 22-2215, 22-2220, 22-2223, 22-2224, 22-2226, 22-2228, 22-2229, 22-2233 to 22-2237 inclusive, 22-2239 to 22-2244 inclusive, 22-2247, 22-2248, 22-2250 to 22-2253 inclusive and 22-2255 to 22-3885 inclusive.		
			C – Three (3) used on PA-22 with serial numbers 22-3886 and up.		

OIL RADIATOR INSTALLATION
(Serial Nos. 22-1 to 22-7642 inclusive)

SECTION IX
Power Plant Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
54-14	3200X6	A	ADAPTER – Oil radiator line attachment (at engine) “135”, “150” and “160”	1	
-15	500X8	B	CONNECTOR – Oil radiator attachment at engine (used when vacuum pump is installed) “135”	2	22-2425 to 22-3885 inclusive
	500X8	C	CONNECTOR – Oil radiator attachment at engine	1	
-16	U14793-000		COVER – Oil radiator, “135”, “150” and “160”	1	22-534 and up
-17	-453-647		BUMPER – Snap-in #4235	4	22-1760 and up
-18	454-872		CLIP – (#598-2) Oil radiator line attachment	2	22-3886 to 22-6759 inclusive and 22-6762
	15020-00		BLOCK – Line attachment	2	22-6760, 22-6761, 22-6763 and up
-19	14729-00		BRACKET – Oil radiator line attachment	2	22-3886 to 22-6759 inclusive and 22-6762
	-15019-000		BRACKET – Oil radiator line	2	22-6760, 22-6761, 22-6763 and up
-20	14783-00		PLATE – Baffle reinforcement	1	22-3886 and up
			A – Two (2) used on PA-22 with serial numbers 22-3886 and up.		
			B – Used on PA-22 with serial numbers 22-534 to 22-2213 inclusive, 22-2216 to 22-2219 inclusive, 22-2221, 22-2222, 22-2225, 22-2227, 22-2230, 22-2231, 22-2232, 22-2238, 22-2245, 22-2246, 22-2249 and 22-2254.		
			C – Used on PA-22 with serial numbers 22-534 to 22-2213 inclusive, 22-2216 to 22-2219 inclusive, 22-2221, 22-2222, 22-2225, 22-2227, 22-2230, 22-2231, 22-2232, 22-2238, 22-2245, 22-2246, 22-2249, 22-2254 and 22-2425 to 22-3885 inclusive.		

PA-22 TRI-PACER PARTS CATALOG

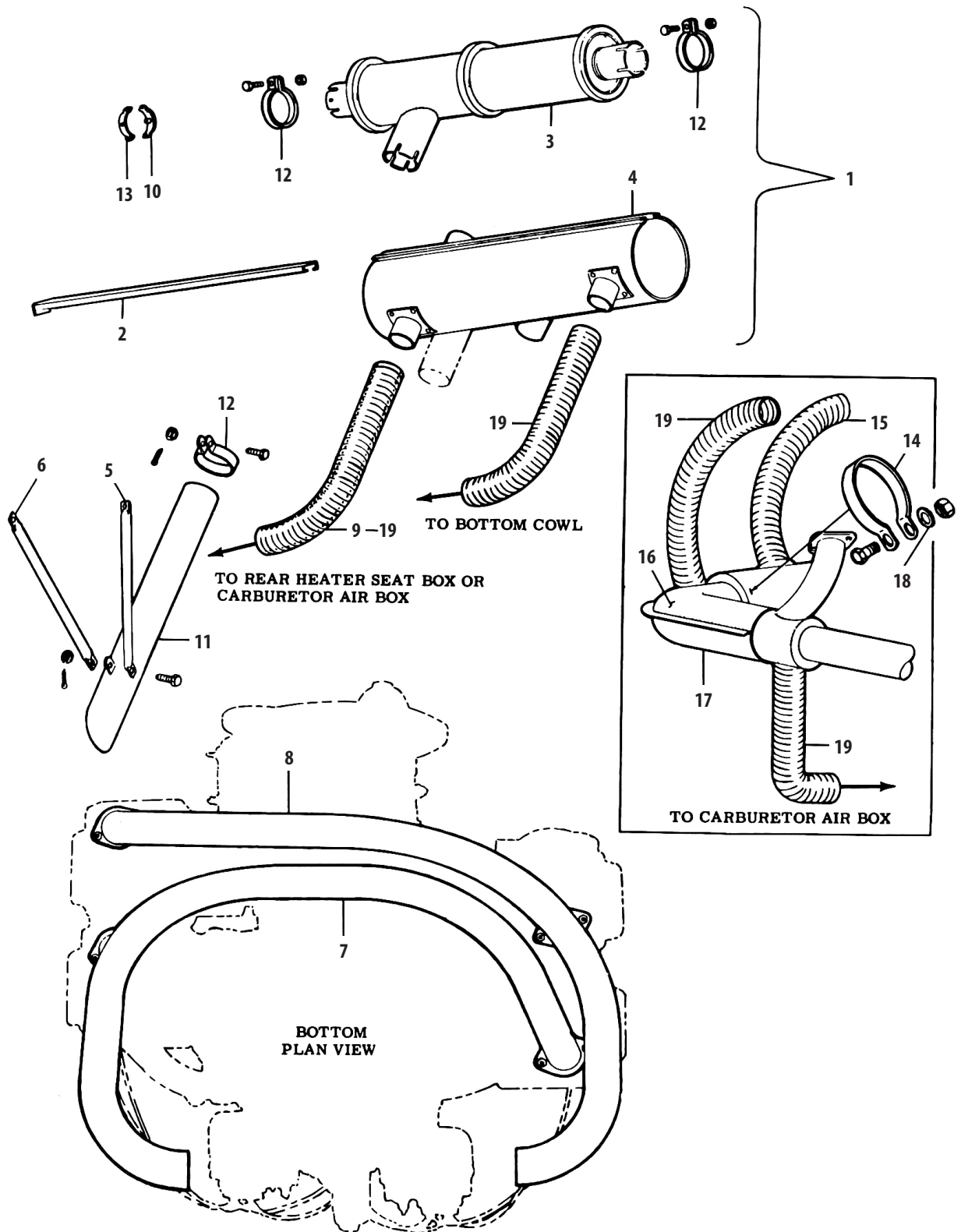


Figure 55. Muffler and Stack Installation
(Serial Nos. 22-1 to 22-7642 inclusive)

MUFFLER AND STACK INSTALLATION

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
55-1	-12742-006		MUFFLER ASSEMBLY – Complete (12742-03)	1	
-2	U10430-000		CLIP ASSEMBLY – Muffler shroud	1	
-3	U10308-003		MUFFLER ASSEMBLY – Less shroud (10308-00)	1	
-4	U12742-004		SHROUD ASSEMBLY – Muffler	1	
-5	11962-00		TUBE – Tail pipe support (tail pipe to stack) (used on all 1951 Models and on 1952 Models when rear seat heater is not installed)	1	22-1 to 22-806 inclusive
	11392-03		TUBE – Tail pipe support (tail pipe to stack) (when rear seat heater is installed)	1	22-354 and up
-6	11963-00		TUBE – Tail pipe support (tail pipe to muffler attachment clamp) (used on all 1951 Models and on 1952 Models when rear seat heater is not installed)	1	22-1 to 22-806 inclusive
	U11963-002		TUBE – Tail pipe support (tail pipe to muffler) (when rear seat heater is installed)	1	22-354 and up
-7	U12043-022		STACK ASSEMBLY – Exhaust, rear cylinders, “125” and “135” (12043-11)	1	22-1 to 22-806 inclusive
	U13238-005		STACK ASSEMBLY – Exhaust, rear cylinders (used when rear seat heater is installed) (13238-00)	1	22-354 and up
-8	U12043-023		STACK ASSEMBLY – Exhaust, front cylinders (12043-17)	1	
-9	10525-13		HOSE – Muffler shroud to rear seat heater box (when rear seat heater is installed)	1	22-1 to 22-1926 inclusive
	10525-54		HOSE – Muffler shroud to rear seat heater box	1	22-1927 and up
-10	-11394-000		CLAMP ASSEMBLY – Exhaust stack to muffler attachment, with stud, RH	1	22-1 to 22-353 inclusive
-11	U11417-004		TAIL PIPE ASSEMBLY – Exhaust (11417-02)	1	
-12	70591-02		CLAMP ASSEMBLY – Exhaust stack to muffler attachment, “125” and “135”, RH	1	22-1 to 22-1948 inclusive
	U70591-002		CLAMP ASSEMBLY – Exhaust stack to muffler, left side and tail pipe attachment	2	22-1 to 22-1948 inclusive
	U14235-000		CLAMP ASSEMBLY – Exhaust stacks to muffler and tail pipe attachment	3	22-1949 and up
-13	11394-03		CLAMP ASSEMBLY – Exhaust stack to muffler attachment, less stud, RH	1	22-1 to 22-353 inclusive
-14	U18116-005		CLAMP – Tail pipe support attachment (on muffler shroud) (used when rear seat heater is installed)	1	22-354 and up
-15	13290-00		TUBE – Flexible, aluminum, baffle to muffler shroud, “125” and “135”	1	
-16	U10843-003		SHROUD – Exhaust stack, upper half (used when rear seat heater is installed)	1	22-354 and up
-17	U10764-003		SHROUD – Exhaust stack, lower half (used when rear seat heater is installed)	1	22-354 and up
-18	U40131-000		WASHER – Tail pipe support clamp attachment (used when rear seat is installed) “125”, “135” and “150”	1	
-19	101-980		TUBE – Flexible, aluminum, 2-1/8 inch OD (63-1/2” per ship for PA-22) (56” per ship when rear seat heater is installed) (28-1/2” per ship for “125” and “135” when rear seat heater is not installed)		22-1 to 22-353 inclusive 22-354 and up 22-354 to 22-806 inclusive

PA-22 TRI-PACER PARTS CATALOG

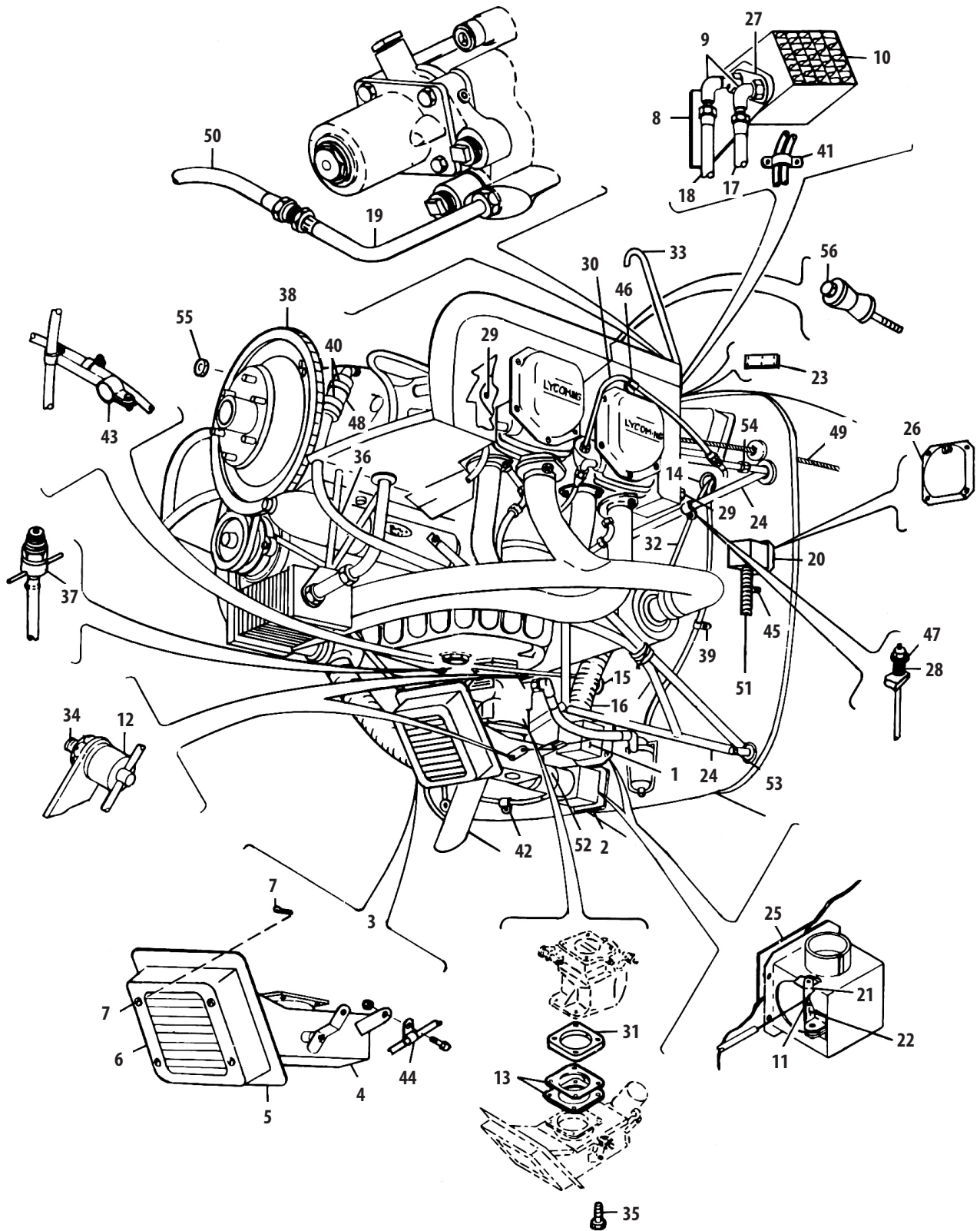


Figure 56. Power Plant Installation
(Serial Nos. 22-1 to 22-7642 inclusive)

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
56-	13110		DRAWING – Power Plant Section, “125”		22-1 to 22-533 inclusive
	13776	A	DRAWING – Power Plant Section, “135”		22-2378, 22-2425 and up
	-14474DWG		DRAWING – Power Plant Section, “150”		22-2378, 22-2425 and up
	14475	B	DRAWING – Conversion Instructions (150 hp to 135 hp)		22-1 to 22-353 inclusive
-1	-13358-000		BOX ASSEMBLY – Cabin heat, front seat	1	22-354 and up
	12718-00		BOX ASSEMBLY – Cabin heat, front seat (used on 1951 Model when rear seat heater is not installed)	1	22-1 to 22-353 inclusive
	12986-00		BOX ASSEMBLY – Cabin heat, front and rear seat (when rear seat heater is installed)	1	22-1 to 22-353 inclusive
-2	13359-00		BOX ASSEMBLY – Cabin heat, rear seat	1	22-354 and up
-3	12746-00		BOX ASSEMBLY – Carburetor air “125” (used on 1952 Model when rear seat heater is not installed)	1	22-1 to 22-533 inclusive
	11950-05		BOX ASSEMBLY – Carburetor air “125” (when rear seat heater is installed)	1	22-807 to 22-1759 inclusive
	13765-04		BOX ASSEMBLY – Carburetor air “135” (when rear seat heater is installed)	1	22-534 to 22-1759 inclusive
	13765-05		BOX ASSEMBLY – Carburetor air “135” (when rear seat heater is not installed)	1	22-534 to 22-806 inclusive
	14255-00	C	BOX ASSEMBLY – Carburetor air “135”	1	22-1 to 22-806 inclusive
	14255-02		BOX ASSEMBLY – Carburetor air (complete) “150” and “160”	1	22-2378, 22-2425 and up
-4	12746-04		BOX ASSEMBLY – Less filter (used on 1952 Model when rear seat heater is not installed)	1	22-1 to 22-806 inclusive
	-11950-007		BOX ASSEMBLY – Less filter (when rear seat heater is installed) “125” and “135”	1	22-354 to 22-1759 inclusive
	14253-04		BOX ASSEMBLY – Less filter, “150” and “160”	1	22-2378, 22-2425 and up
	14253-03	C	BOX ASSEMBLY – Less filter, “135”	1	
-5	-11950-004	D	BAFFLE – Leather	1	
-6	600314		FILTER – “125”	1	22-1 to 22-533 inclusive
	121494		FILTER – “135”, “150” and “160”	1	22-534 and up
-7	-480-650		PIN – (No. 99785-2)	4	22-1 to 22-1759 inclusive
	487-568		STUD – (No. 99899-10-1.590) “125” (used only with 1-1/2” filter)	4	22-1 to 22-353 inclusive
	-487-571		STUD – (No. 98293-15-2.100) “135”	4	22-534 to 22-1759 inclusive
	24306		STUD – (No. 98293-8-1.100) “125”	4	22-1 to 22-533 inclusive
	-487-542	E	STUD – Ball (No. P116-421-12-24A)	2	22-1760 and up
	-406-355	E	NUT – Tinnerman	2	22-1760 and up
<p>A – Used on PA-22 with serial numbers 22-534 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive.</p> <p>B – Used on PA-22 with serial numbers 22-2378, 22-2425 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.</p> <p>C – Used on PA-22 with serial numbers 22-1760 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive.</p> <p>D – Used on PA-22 with serial numbers 22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive.</p> <p>E – Used on PA-22 with serial numbers 22-1760 and up.</p>					

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
56-8	12755-00		BRACKET ASSEMBLY – Oil cooler mounting, “125”	1	22-1 to 22-533 inclusive
-9	458-924		ELBOW – Oil cooler installation, “125” (W/H No. 49 x 6B)	2	22-1 to 22-533 inclusive
-10	455-162		RADIATOR – Oil cooler, “125”	1	22-1 to 22-533 inclusive
-11	U70371-000		FITTING ASSEMBLY – Swivel, cabin heat control (2 per ship when rear seat heater is installed)	1	22-354 and up
-12	U70371-002		FITTING ASSEMBLY – Swivel, carburetor heat control attachment at carburetor	1	
	U91193-000		FITTING ASSEMBLY – Swivel, mixture control attachment at carburetor	1	
-13	-73451-003	A	GASKET – Air box to carburetor attachment	2	
	-73451-007		PLATE – (Gasket) Air box to carburetor “150” and “160”	1	22-2378, 22-2425 and up
-14	MS35489-22		GROMMET – Rubber, cable control, at firewall (AN931-14-20)	3	
-15	MS35489-11		GROMMET – Throttle and mixture control at firewall (AN931-6-10)	1	
-16	-10525-005	A	HOSE – Air duct, cabin heater to muffler shroud	1	
	-10525-018		HOSE – Muffler to cabin heat box front seat	1	22-2378, 22-2425 and up
-17	465-132		HOSE ASSEMBLY – Oil cooler to engine, 9-1/2” long (No. 12762-02) “125”	1	22-1 to 22-533 inclusive
-18	465-133		HOSE ASSEMBLY – Oil cooler to engine, 12-1/2” long (No. 12762-03) “125”	1	22-1 to 22-533 inclusive
-19	72791-02		HOSE ASSEMBLY – Oil pressure gauge, at engine, 6” flexible (Alternate line No. 71061-00 may be used)	1	
-20	12718-08		INTAKE ASSEMBLY – Cold air, at firewall	1	22-1 to 22-353 inclusive
-21	-81262-051		LINK – Attachment, cabin heater box control, flat	2	22-354 and up
-22	-13356-000		LINK – Attachment, cabin heat control, angle	2	22-354 and up
-23	14765-00		PLATE – Firewall hole cover (used when vacuum pump is not installed)	1	22-3218, 22-3387 and up
-24	U11786-012		MOUNT – Engine, “125”	1	22-1 to 22-353 inclusive
	U11786-014	B	MOUNT – Engine	1	
	U11786-015		MOUNT ASSEMBLY – Engine “150” and “160”	1	22-3218, 22-3387 and up
-25	12765-02		PLATE – Trim, cabin heat intake, front seat, inside firewall	1	
-26	12765-02		PLATE – Trim, cold air intake, inside firewall	1	22-1 to 22-353 inclusive
-27	12797-00		PLATE – Lock, oil cooler bracket, “125”	1	22-1 to 22-353 inclusive
-28	10493-00		SPRING – Muffler support rod	2	22-1 to 22-353 inclusive
-29	-480-932	A	PLUG – At engine baffle (No. 65614)	2	
-30	-82332-026		TUBE ASSEMBLY – To manifold (when manifold pressure gauge is installed)	1	22-2378, 22-2425 and up
-31	91499-00	A	SPACER – Air box to carburetor	2	
-32	10490-00		ROD – Muffler support, 10-1/4”	2	22-1 to 22-353 inclusive
-33	-12809-000		ROD – Cowl support	2	
			A – Used on PA-22 with serial numbers 22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive.		
			B – Used on PA-22 with serial numbers 22-354 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.		

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
56-34	U70371-003		STUD – Mixture and carburetor heat control attachment	2	
-35	487-567	A	STUD – Air box to carburetor attachment (No. 62840)	4	
	-10836-002		BOLT – Air box to carburetor attachment “150” and “160”	4	22-2378, 22-2425 and up
-36	-11957-000	A	TUBE – Breather, engine	1	
	14466-00		TUBE – Engine breather “150”	1	22-2425 to 22-3707 inclusive
	U14441-000		TUBE – Engine breather	1	22-3708 and up
-37	U12956-004		VALVE ASSEMBLY – Quick oil drain	1	
-38			ENGINE – Lycoming O-290-D, “125”	1	22-1 to 22-533 inclusive
		B	ENGINE – Lycoming O-290-D2, “135”	1	
			ENGINE – Lycoming O-320-Spec. #2114 “150”	1	22-2378, 22-2425 and up
			ENGINE – Lycoming O-320-B2A “160”	1	22-5603 and up
-39	AN742-3	A	CLAMP – Cabin and carburetor heat control and primer line, at firewall (Tinnerman A4886A-3-A1)	AR	
-40	454-882		CLAMP – Hose, oil breather line, 1 inch	2	22-1 to 22-3707 inclusive
	-454-970		CLAMP – Hose, oil breather “150” and “160”	2	22-3708 and up
-41	80222-26		CLAMP – Throttle and mixture control at firewall	1	
-42	-13357-000		CLAMP – Cabin heat control attachment	2	22-354 and up
-43	-12316-000		CLAMP ASSEMBLY – Throttle and mixture control attachment, on engine mount	1	
-44	U80032-034		CLAMP – Offset, carburetor heat control attachment, on air box	1	
-45	U80222-027		CLAMP – Attachment, cold air inlet tube	1	22-1 to 22-353 inclusive
-46	-80032-053		CLAMP – Tube assembly, on engine (when manifold pressure gauge is installed)	2	22-2378, 22-2425 and up
-47	U80122-020		WASHER – Muffler support spring installation	2	22-1 to 22-353 inclusive
-48	74311-00		HOSE – Connector, breather line	1	22-1 to 22-3707 inclusive
	-82371-056		HOSE – Connector, breather line	1	22-3708 and up
-49	82332-32		TUBE ASSEMBLY – To gauge (when manifold pressure gauge is installed)	1	22-2378, 22-2425 and up
-50	82332-24		TUBE ASSEMBLY – Oil pressure gauge line to instrument	1	
-51	101-980		TUBE – Flexible, aluminum, 2-1/8 OD	34”	22-1 to 22-353 inclusive
-52	10525-13		HOSE – Muffler shroud to rear seat heater box (when rear seat heater is installed)	1	22-1 to 22-1926 inclusive
-53	AN6-35		BOLT	2	
	MS21044N6		NUT – Elastic stop	2	
	NAS1149F0663P		WASHER	2	
-54	AN6-24		BOLT	2	
	MS21044N6		NUT – Elastic stop	2	
-55	80122-55		WASHER – Propeller bolt attachment	6	22-2378, 22-2425 and up
-56	AN8-44		BOLT	4	
	AN310-8		NUT	4	
	MS24665-283		PIN – Cotter	4	
			A – Used on PA-22 with serial numbers 22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive.		
			B – Used on PA-22 with serial numbers 22-534 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive.		

PA-22 TRI-PACER PARTS CATALOG

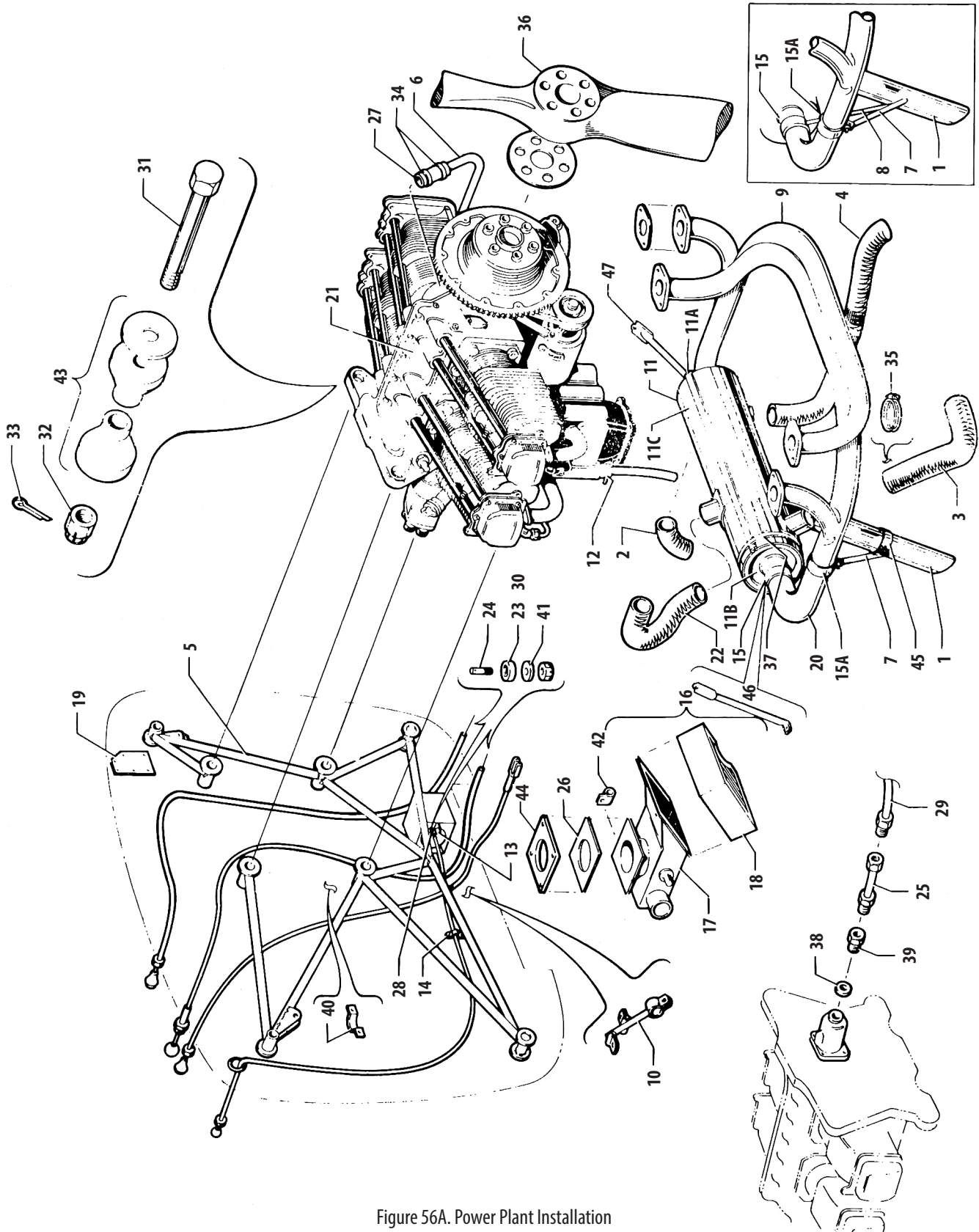


Figure 56A. Power Plant Installation
(Serial Nos. 22-8000 and up)

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
56A-	15144		DRAWING – Power Plant		
-1	11417-02		TAIL PIPE ASSEMBLY	1	22-8000 to 22-9442 inclusive
	U11417-004		TAIL PIPE ASSEMBLY	1	22-9443 and up
-2	-10525-018		HOSE – Air duct, cabin heat box	1	
-3	10525-69		HOSE – Air duct, right	1	
-4	10525-76		HOSE – Air duct, left	1	
-5	U11786-015		MOUNT ASSEMBLY – Engine	1	
-6	11957-02		TUBE – Engine breather	1	
-7	15217-00		TUBE – Tail pipe support	1	22-8000 to 22-9204 inclusive
	11962-00		TUBE – Tail pipe support	1	22-9205 and up
-8	U11963-002		TUBE – Tail pipe support	1	22-8000 to 22-9204 inclusive
-9	12043-20		STACK ASSEMBLY – Exhaust front cylinder	1	22-8000 to 22-9453 inclusive
	12043-29		STACK ASSEMBLY – Exhaust front cylinder	1	22-9454 and up
-10	-12316-000		CLAMP ASSEMBLY THROTTLE CONTROL	1	
-11	12742-03		MUFFLER ASSEMBLY – Complete	1	22-8000 to 22-9363 inclusive
	-12742-006		MUFFLER ASSEMBLY – Complete	1	22-9364 and up
-11a	U10430-000		CLIP ASSEMBLY – Muffler shroud	1	
-11b	10308-00		MUFFLER ASSEMBLY – Less shroud	1	22-8000 to 22-9363 inclusive
	U10308-003		MUFFLER ASSEMBLY – Less shroud	1	22-9364 and up
-11c	U12742-004		SHROUD ASSEMBLY – Muffler	1	
-12	U12956-004		VALVE ASSEMBLY	1	
-13	-13356-000		LINK	1	
-14	-13357-000		CLAMP – Flexible control	1	
-15	U14235-000		CLAMP ASSEMBLY – Exhaust stack	4	22-8000 to 22-8734 inclusive
	U14235-000		CLAMP ASSEMBLY – Exhaust stack	3	22-8735 and up
-15a	U14235-000		CLAMP ASSEMBLY – Exhaust stack	1	22-8000 to 22-8734 inclusive
	U80002-074		CLAMP – Exhaust stack	2	22-9205 and up
-16	14255-02		BOX ASSEMBLY – Carburetor air, complete	1	
-17	14253-04		BOX ASSEMBLY – Less filter	1	
-18	13681-02		FILTER	1	
-19	15078-00	A	PLATE – Firewall hole cover	1	
-20	12043-19		STACK ASSEMBLY – Exhaust rear cylinder	1	22-8000 to 22-9453 inclusive
	12043-27		STACK ASSEMBLY – Exhaust rear cylinder	1	22-9454 and up
-21		B	ENGINE – Lycoming O-235-CI3	1	22-8000 to 22-9522 inclusive
		B	ENGINE – Lycoming O-235-C1	1	22-9523 and up
-22	22502-03		HOSE – Air duct, engine baffle to muffler shroud	1	
-23	U70371-002		FITTING – Swivel, carburetor heat control and cabin heat control	2	
-24	U70371-003		FITTING – Stud, carburetor heat control, mixture control and cabin heat control	3	
-25	U71061-000		HOSE ASSEMBLY – Oil pressure	1	
-26	73451-07		PLATE – (Gasket) Air box to carburetor	1	
-27	74311-00	C	HOSE – Connector breather line	1	
	-82371-056		HOSE – Connector breather line	1	22-8381, 22-8393, 22-8440, 22-8630 and up
			A – Used only when vacuum pump is not installed.		
			B – Secure from Lycoming, Division-Avco Corporation, Williamsport, Pennsylvania.		
			C – Used on airplanes with serial numbers 22-8000 to 22-8380 inclusive, 22-8382 to 22-8392 inclusive, 22-8394 to 22-8439 inclusive and 22-8441 to 22-8629 inclusive.		

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
56A-28	-81262-051		LINK – Attachment, cabin heater box control, flat	1	
-29	82332-24		TUBE ASSEMBLY – To oil pressure gauge	1	
-30	U91193-000		FITTING – Swivel, carburetor mixture control	1	
-31	AN8-44		BOLT – Engine to mount attachment	4	
-32	AN310-8		NUT	4	
-33	MS24665-283		COTTER PIN – (AN380-3-3)	4	
-34	454-882		HOSE CLAMP – Oil breather line (1")	2	
	-454-970		HOSE CLAMP – Oil breather line (1-1/8")	2	
-35	-454-895		CLAMP – Hose (S2-1800)	8	
-36	76AM6-2-48		PROPELLER – Sensenich metal	1	
-37	U18116-005		CLAMP ASSEMBLY – Muffler shroud	1	
-38	MS35769-13		GASKET – Oil temperature bulb	1	
-39	-15244-000		ADAPTER – Oil temperature bulb	1	22-8000 to 22-9684 inclusive
	-15244-000		ADAPTER – Oil temperature bulb	1	22-9685 and up
-40	80222-26		CLAMP – Control cable attachment	2	
-41	U81342-019		WASHER – Swivel fitting	1	
-42	U80032-034		CLAMP – Cable, control, carburetor heat	1	
-43		A	BUSHING – Rubber, engine mount	8	
		A	WASHER – Engine mount	4	
-44	91499-00		PLATE – Air box to carburetor	1	
-45	U10466-033		CLAMP – Tail pipe	1	22-9205 and up
-46	15269-00		TUBE ASSEMBLY – Right support	1	22-9848 and up
-47	15270-00		TUBE ASSEMBLY – Left support	1	22-9848 and up
			A – Secure from Lycoming, Division-Avco Corporation, Williamsport, Pennsylvania.		

PA-22 TRI-PACER PARTS CATALOG

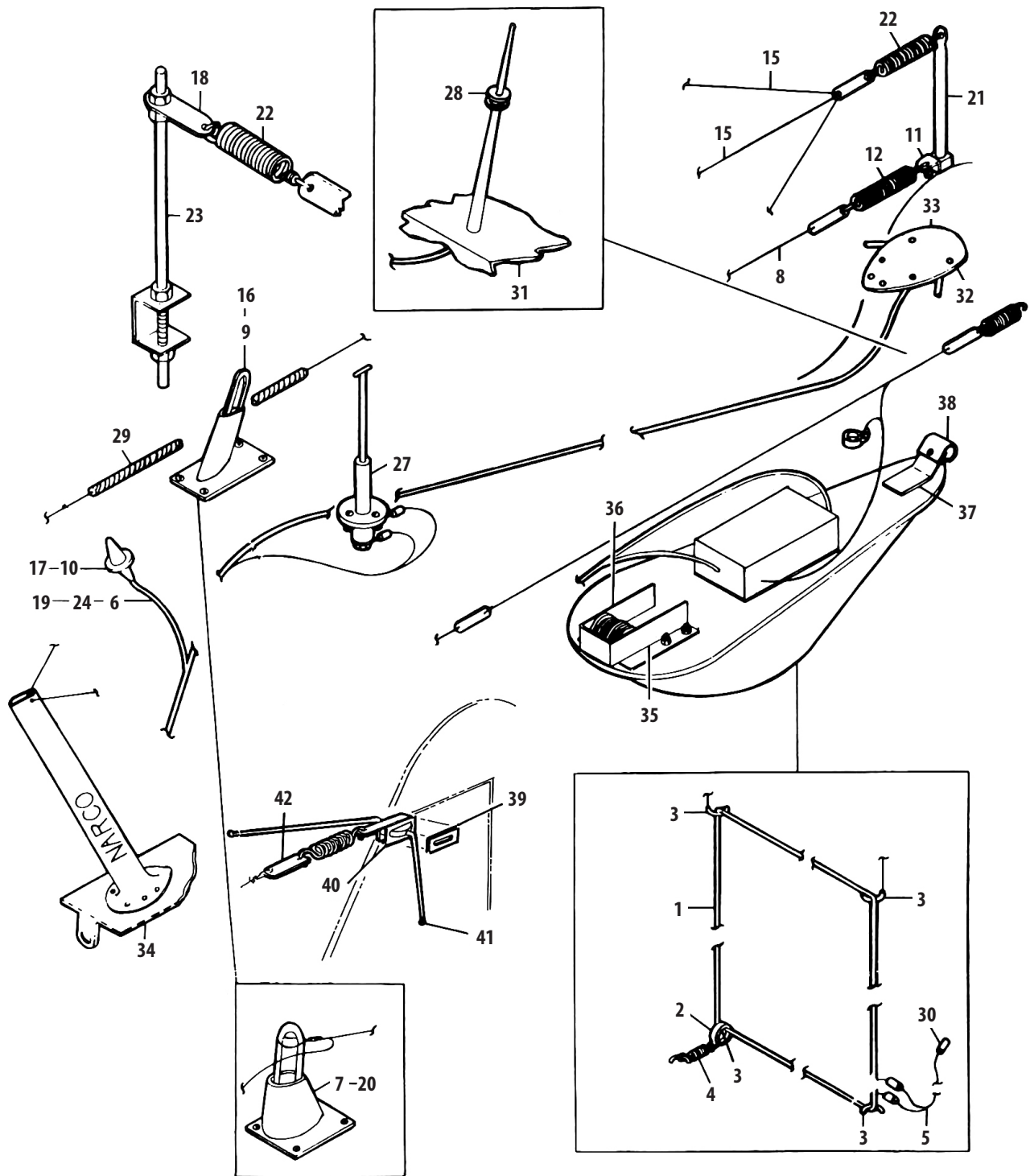


Figure 57. Antenna System Installation
(Serial Nos. 22-1 to 22-7642 inclusive)

ANTENNA SYSTEM INSTALLATION
(Serial Nos. 22-1 to 22-7642 inclusive)

SECTION X
Radio Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
			<u>ANTENNA ASSEMBLY – FIXED LOOP INSTALLATION</u>		
57-1	14163-00	A	ANTENNA ASSEMBLY – Fixed loop	1	
	12698-00		ANTENNA ASSEMBLY – Fixed loop	1	22-1 to 22-806 inclusive
	14163-00		ANTENNA ASSEMBLY – Fixed loop (used with Narco Installation)	1	22-2378, 22-2425 and up
-2	80032-50		CLAMP	1	22-1 to 22-806 inclusive
-3	90794-04		SLEEVE – Plastic insulator (3 per ship 1953, 1954, 1955 and 1956 Models)	4	
-4	U42891-000		SPRING – (No. 487-213)	1	
-5	12699-02		WIRE ASSEMBLY – Lead in (used with Bendix Radio)	1	22-1 to 22-353 inclusive
	13527-00		WIRE ASSEMBLY – Lead in (used with Narco Radio)	1	22-1 to 22-806 inclusive
	13527-02		WIRE ASSEMBLY – Lead in (used with Narco Radio)	1	22-807 and up
			<u>ANTENNA ASSEMBLY – SINGLE WIRE INSTALLATION</u>		
-6	13526-00	B	WIRE ASSEMBLY – Lead in, insulator to radio (used with Narco Radio Installation)	1	
-7	13094-00		ANTENNA MAST – (used with Bendix, Lear and Narco Radios)	1	22-1 to 22-1759 inclusive
-8	153-026		ANTENNA WIRE – (18 gauge copper weld)	21'	
-9	467-050	C	INSULATOR – At front mast	1	
-10	-467-062		INSULATOR – At windshield	1	
-11	-10824-000	B	LINK – Antenna attachment at rudder	1	
-12	751-124	B	SPRING AND INSULATOR – At rudder	1	
	14572-00		SPRING AND BRACKET ASSEMBLY – At fin	1	22-2378, 22-2425 and up
			<u>ANTENNA ASSEMBLY – VEE INSTALLATION</u>		
			(NOTE: All parts necessary for both single and vee antenna installation)		
	12577	D	DRAWING		
-15	153-026	D	ANTENNA WIRE – (18 gauge copper weld)	59'	
-16	467-050	CDE	INSULATOR – Short, at front mast	1	
-17	-467-062		INSULATOR – Wing root fairing	1	
-18	81262-48	D	LINK – Wing tip post	2	
-19	12952-00		WIRE ASSEMBLY – Insulator to radio (used with Bendix Radio)	1	22-1 to 22-353 inclusive
-20	13094-00	DE	MAST ASSEMBLY – (used with Bendix, Lear and Narco Radios)	1	
-21	12703-00	D	RUDDER POST	1	
-22	751-124	D	SPRING AND INSULATOR ASSEMBLY	3	
-23	12578-00	D	WING TIP POST	2	
-24	13526-00	D	WIRE ASSEMBLY – Lead in, insulator to radio (used with Narco Radio installation)	1	
	13526-00		WIRE – Lead in, to radio (used with Lear installation)	1	22-2378, 22-2425 and up
			A – Optional installation on 1953 PA-22.		
			B – Used on PA-22 with serial numbers 22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive.		
			C – Used on PA-22 with serial numbers 22-354 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive.		
			D – All other parts for this installation furnished by Lear, Inc.		

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
57-27	451-272	B	ANTENNA – Whip, VHF (Not available through Piper Aircraft Corporation. Secure from General Electric, Bendix Aviation Corporation, Lear Incorporated or National Aeronautical Corporation)	1	
-28	AN931-3-5		ANTENNA – Whip, VHF transmitting VTP-10 (used with Narco and Lear installations)	1	22-2378, 22-2425 and up
-29	13590-02		GROMMET – VHF transmitter antenna installation at tail (Narco Radio Installation)	1	
-30	455-160		HOUSING – Insulator, stabilizer indicator cable (used with Lear and Narco installations)	1	
-31	14032-00	C	CONNECTOR – Antenna (No. 221) (used with Bendix Radio)	1	22-1 to 22-353 inclusive
-32	13737-00		PLATE – VHF transmitting antenna installation at tail (Narco Radio installation)	1	
-33	13738-00		PLATE – Omnitenna mounting (bottom) (Lear Radio)	1	22-1 to 22-806 inclusive
-34	13736-00		PLATE – Omnitenna mounting (top) (Lear Radio)	1	22-1 to 22-806 inclusive
	13350-00	AC	PLATE – Mounting, Narco VHF receiving antenna	1	22-1 to 22-2068 inclusive
-35	13755-00	C	DRAWING – Ratable loop installation (used with Lear ADF-12)	1	
-36	13755-01	C	BRACKET – Support, LH	1	
-37	13756-00	C	BRACKET – Support, RH	1	
-38	80032-46	C	BRACKET – Support, rear	1	
-39	-14313-000		CLAMP – Attachment, rear support bracket	1	
-40	-14296-000		GROMMET – VHF receiving antenna installation, fin	2	22-2069 and up
-41	451-273		PLATE – Trim VHF receiving antenna mounting on fin	2	22-2069 and up
-42	17955-00		ANTENNA – Omni, receiver VRP-37 (used on Lear and Narco installations)	1	22-2378, 22-2425 and up
			LINK – Insulator, antenna, at fin	1	22-2378, 22-2425 and up
			A – Optional installation on 1953 PA-22.		
			B – Used on PA-22 with serial numbers 22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive.		
			C – Used on PA-22 with serial numbers 22-354 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive.		
			D – All other parts for this installation furnished by Lear, Inc.		

PA-22 TRI-PACER PARTS CATALOG

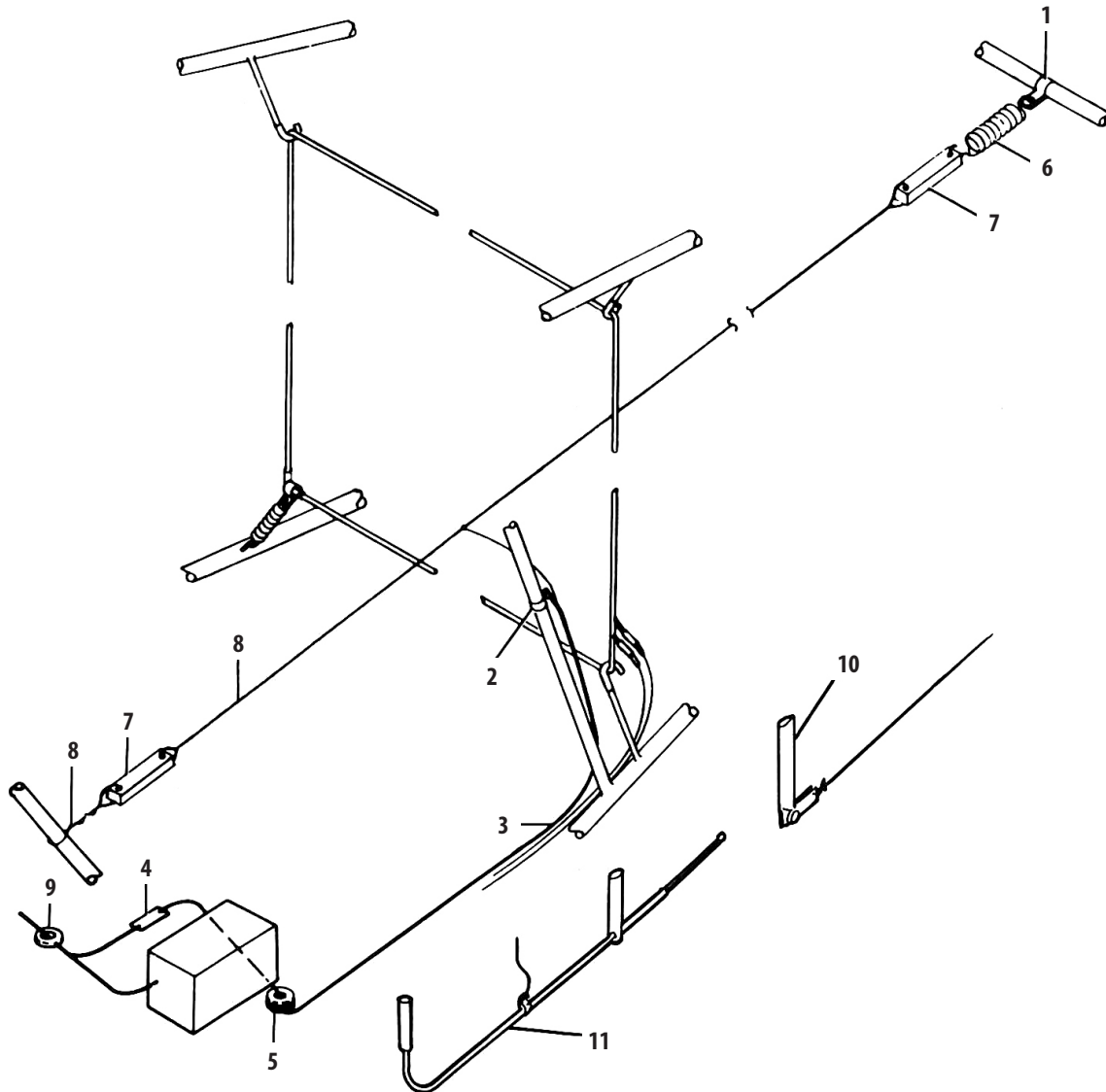


Figure 58. Marker Beacon Installation
(Serial Nos. 22-1 to 22-7642 inclusive)

MARKER BEACON INSTALLATION
(Serial Nos. 22-1 to 22-7642 inclusive)

SECTION X
Radio Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
			NOTE: Marker Beacon Antenna Installation (used with Lear and Narco Radios)		
58-	13350	A	DRAWING – Marker Beacon Installation (Lear)		
	13523	A	DRAWING – Marker Beacon Installation (Narco)		
	14388	B	DRAWING – Marker Beacon Installation (Narco)		
	14732		DRAWING – Marker Beacon Installation (Narco)		22-3218, 22-3387 and up
	14737		DRAWING – Marker Beacon Installation (Lear)		22-3218, 22-3387 and up
-1	80032-50	A	CLAMP	1	
-2	80032-46	A	CLAMP – Ground	1	
	80032-61		CLAMP – Ground, marker beacon and co-ax cable (used on Lear and Narco installations)	1	22-2378, 22-2425 and up
-3			CABLE – Coaxial antenna to radio (not available through Piper Aircraft Corporation)	1	
-4	455-160		CONNECTOR – Antenna coaxial cable connection (No. 221) when LD-5 dynamotor is installed on floor	1	22-1 to 22-806 inclusive
-5	MS35489-11		GROMMET – Floorboard (when LD-5 dynamotor is installed on floor)	1	22-1 to 22-806 inclusive
-6	U42891-000		SPRING	1	
-7	467-051	A	INSULATOR	2	
-8	153-026	C	WIRE – Antenna	7'	
	14496-00	B	WIRE ASSEMBLY – Antenna, 75MC marker beacon	1	
	14763-00		ANTENNA ASSEMBLY – Marker beacon, Narco and Lear	1	22-3218, 22-3387 to 22-4142 incl and 22-4144 to 22-4459 inclusive
-9	85012-77		WASHER – Coaxial cable installation, through fabric (used with Lear Radio installation when LD-5 dynamotor is installed on floor)	1	22-1 to 22-806 inclusive
-10	14762-00		MAST ASSEMBLY – (used when marker beacon antenna is installed)	1	22-3218, 22-3387 to 22-4142 incl and 22-4144 to 22-4159 inclusive
-11	451-264		ANTENNA – Bent marker beacon (XA-135)	1	22-3218, 22-3387 and up
			A – Used on PA-22 with serial numbers 22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive.		
			B – Used on PA-22 with serial numbers 22-2378, 22-2425 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.		
			C – Used on PA-22 with serial numbers 22-1 to 22-2599 inclusive, 22-2600 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.		

PA-22 TRI-PACER PARTS CATALOG

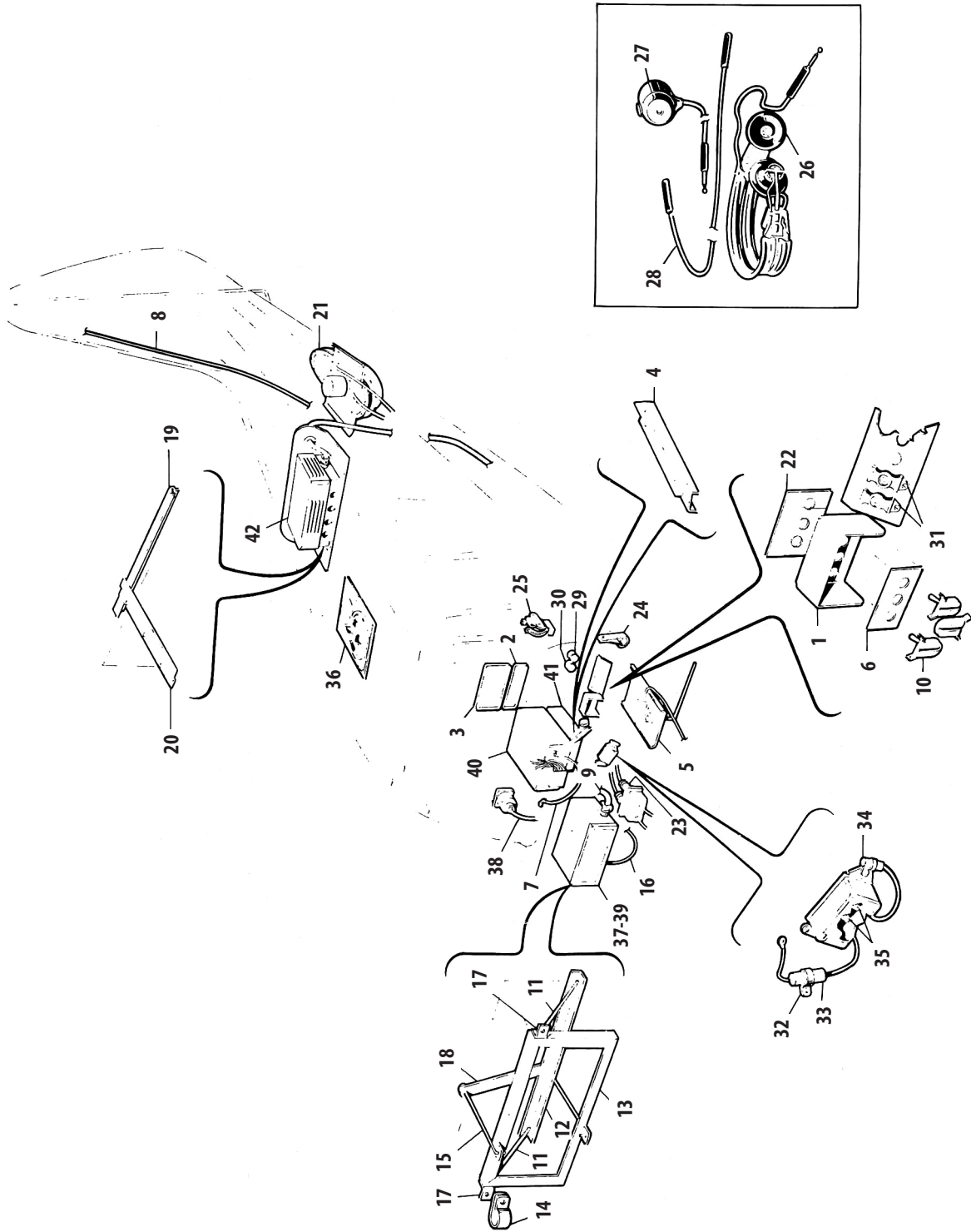


Figure 59. Lear Radio Installation
(Serial Nos. 22-1 to 22-7642 inclusive)

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
59-	13350	A	DRAWING – Lear Radio Installation (LTA-5, LTR-5, LTRA-5, ADF-12, RT-10CH)		
	14553	B	DRAWING – Lear Radio Installation (LTRA-6, ADF-12C)		
	14737		DRAWING – Lear Radio Installation (LTRA-6, ADF-12C)		22-3218, 22-3387 and up
	12954	C	DRAWING – Bendix Radio Installation (PATR-10A)		22-1 to 22-353 inclusive
	13278	C	DRAWING – Bendix Radio Installation (PAT-50A VHF transmitter and PAR-70A receiver)		
-1	14743-00		BOX ASSEMBLY – Radio switch	1	22-3218, 22-3387 and up
-2	14686-00		PANEL – Radio opening (used with LTRA-6 installation)	1	22-3218, 22-3387 and up
-3	14681-00		PANEL – Radio opening (used with ADF-12C installation)	1	22-3218, 22-3387 and up
-4	14640-00		CHANNEL ASSEMBLY – Radio mounting	1	22-3218, 22-3387 and up
-5	14342-00	D	PLATE – VHF transmitting antenna attachment	1	
-6	14525-00	D	PLATE – Switch box reinforcement	1	
-7	14379-03	D	WIRE – Ground, L. F. receiver	2	
-8	451-299	D	CABLE – Omni-antenna to VHF receiver (14564-04)	1	
-9	451-288	D	CABLE – Cross pointer (14578-00)	1	
-10	487-790	D	SWITCH – Toggle (#110-S-73)	2	
-11	14516-02	D	ROD – Radio hangar	2	
-12	14518-00	D	ANGLE – Radio support	1	
-13	14517-00	D	BRACKET ASSEMBLY – Radio support	1	
-14	14540-00	D	CLAMP – Offset	4	
-15	14516-03	D	ROD – Radio hangar	2	
-16	14548-00	D	HARNESS ASSEMBLY – Dynamotor	1	
-17	18522-03	D	CLIP – Bent, dynamotor support	2	
-18	81262-66	D	LINK – Dynamotor rod support	1	
-19	14554-00	D	STRIP – Amplifier attachment	2	
-20	14555-00	D	CHANNEL – Amplifier shelf support	1	
-21	14556-00	D	PLATE ASSEMBLY – ADF antenna support	1	
-22	13761-02		PLACARD – Radio “On-Off” (ADF and VHF transmitter and receiver)	1	22-354 and up
	13761-03		PLACARD – Radio “On-Off” (ADF and VHF transmitter)	1	22-354 and up
	13761-04		PLACARD – Radio “On-Off” (VHF, MKR-BCN and LF radio)	1	22-354 and up
-23	460-637		FILTER – Magneto (Lear 1-NC) (#63149)	1	
	A293		FILTER – Magneto (#NFIF-247)	1	
-24	10946-00		HOOK – Headphone	1	
-25	12347-02		HOOK – Microphone (at left front sliding window) (used with Telephonics Mike RS-38A)	1	
	454-889		HOOK – Microphone, spring type (used with Telephonics Mike RS-38A)	1	
	453-415		BRACKET – Microphone (used with Telex Mike 66C)	1	
			A – Used on PA-22 with serial numbers 22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive.		
			B – Used on PA-22 with serial numbers 22-2378, 22-2425 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.		
			C – Listed for reference only.		
			D – Used on PA-22 with serial numbers 22-2378, 22-2425 and up.		

LEAR RADIO INSTALLATION
(Serial Nos. 22-1 to 22-7642 inclusive)

SECTION X
Radio Group

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
59-26	464-326		HEADPHONE – Radio	1	22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
-27	474-647		MICROPHONE – (Telephonics #RS-38A)	1	
	474-649		MICROPHONE – (TEL-66C)	1	
-28	459-864		EXTENSION – Microphone	1	
-29	468-003		JACK ASSEMBLY – Headphone	1	
-30	468-002		JACK ASSEMBLY – Microphone	1	
-31	W23X1A1G-10		CIRCUIT PROTECTOR – Wood (2310)	1	
-32	13669-00	B	CLAMP – Capacitor	1	
-33	454-044	B	CAPACITOR – (500MFD)	1	
-34	-454-083		CAPACITOR – (.5 MFD)	1	
-35	454-051		CAPACITOR – (.001 MFD)	1	
-36	18478-00		SPEAKER – Radio	1	
-37		A	CONVERTER – Omni range	1	
-38		A	INDICATOR – Omni course cross pointer	1	
-39		A	DYNAMOTOR – (LD-5)	1	
-40		A	TUNER – LTRA-6	1	
-41		A	TUNER – ADF-12C	1	
-42		A	AMPLIFIER – ADF-12C	1	
			<p>A – Not available through Piper Aircraft Corporation. Secure from Lear, Incorporated, 3171 S. Bundy Drive, Santa Monica, California.</p> <p>B – Used on PA-22 with serial numbers 22-1 to 22-5138 inclusive, and 22-5140 to 22-5602 inclusive.</p>		

PA-22 TRI-PACER PARTS CATALOG

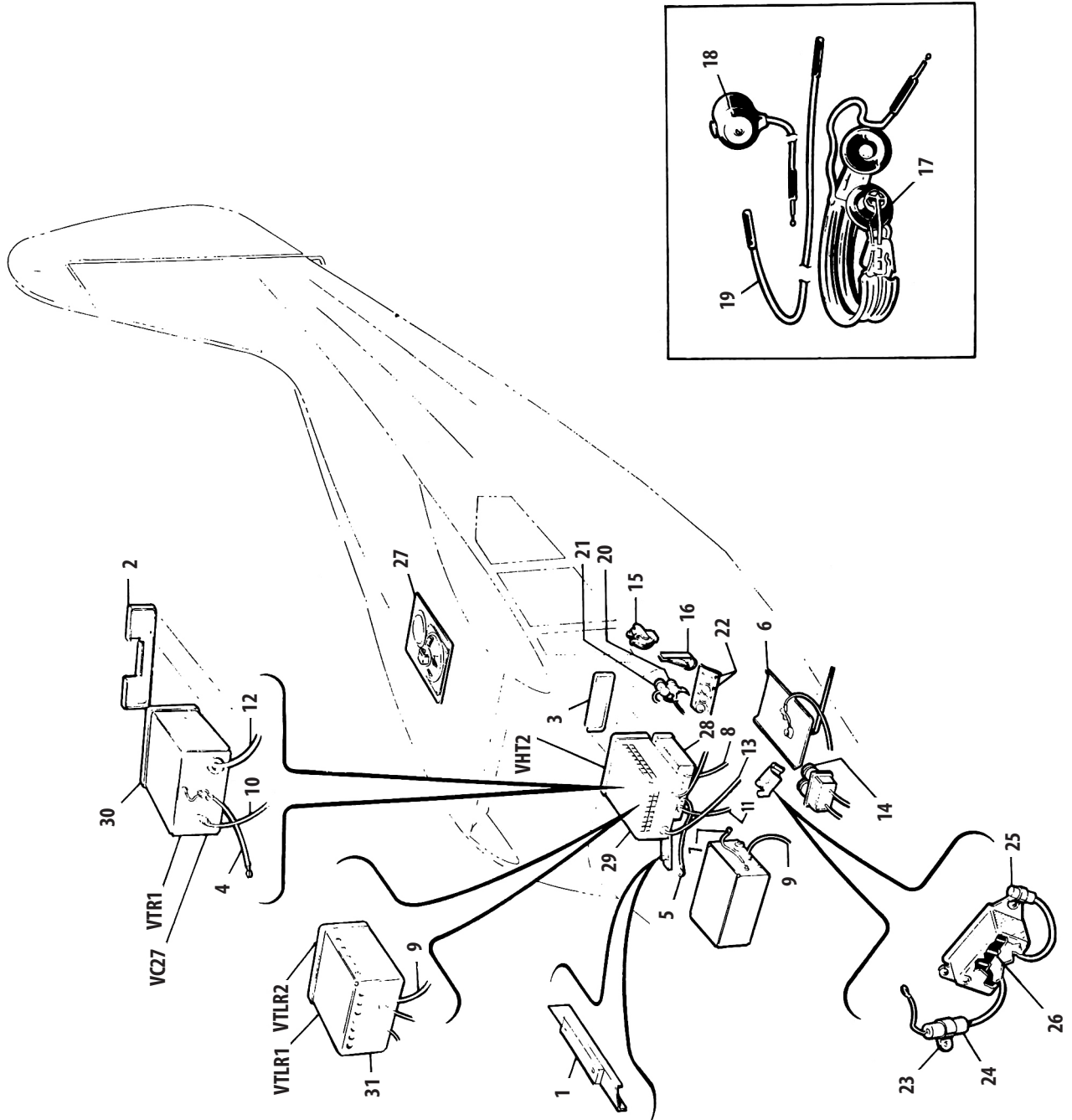


Figure 60. Narco Radio Installation
(Serial Nos. 22-1 to 22-7642 inclusive)

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
60-	13523		DRAWING – Narco Radio Installation (VTLR-1, VTLR-2, VHT-2, VTR-1 and LFR-1)		22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
	14388		DRAWING – Narco Radio Installation (VTLR-2, Super Homer and Omnigator Radios)		22-2378, 22-2425 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive
	14732		DRAWING – Narco Radio Installation (VTLR-2, Super Homer and Omnigator Radios)		22-3218, 22-3387 and up
	12954	A	DRAWING – Bendix Radio Installation (PATR-10A)		22-1 to 22-353 inclusive
	13278	A	DRAWING – Bendix Radio Installation (PAT-50 VHF Transmitter and PAR-70A Receiver)		22-1 to 22-353 inclusive
-1	14640-00	B	CHANNEL ASSEMBLY – Radio mounting	1	
-2	14688-00	B	PANEL – Face, radio opening (used when Omnigator or Super Homer is installed)	1	
-3	14680-00	B	PANEL – Face, radio opening (used when VTLR-2 is installed)	1	
-4	11122-05	B	CABLE – Ground radio to frame	1	
-5	11122-06	B	CABLE – Ground L. F. receiver	1	
-6	14342-00	C	PLATE – VHF transmitting antenna attachment, bottom of fuselage	1	
-7	14379-02	C	WIRE ASSEMBLY – Ground, omni power supply	1	
-8	451-204	C	CABLE – Lead in, insulator to L. F. radio (14563-04)	1	
-9	14568-00	C	HARNESS – Audio (VTLR-2)	1	
	14560-00	C	HARNESS – Audio (VHT-2)	1	
	14896-00	C	HARNESS – Audio (VTR-1 and VC-27)	1	
-10	451-299	C	CABLE – Omni antenna to VHF receiver (14564-04)	1	
-11	451-285	C	CABLE – L. F. receiver to power supply (14566-03)	1	
-12	451-274	C	CABLE – Power, omni (14562-02)	1	
-13	451-283	C	CABLE – VTR-1 to marker beacon (14565-04)	1	
-14	460-637		FILTER – Magneto (Lear I-NC)	1	
	A293		FILTER – Magneto (#NFIF 247)	1	
-15	12347-02		HOOK – Microphone (at left front sliding window) (used with Telephonics Mike RS-38A)	1	
	454-889		HOOK – Microphone, spring type (used with Telephonics Mike RS-38A)	1	
	453-415		BRACKET – Microphone (used with Telex Mike 66C)	1	
-16	10946-00		HOOK – Headphone	1	
-17	464-326		HEADPHONE – Radio	1	
-18	474-647		MICROPHONE – (Telephonics RS-38A)	1	
	474-649		MICROPHONE – (TEL 66C)	1	
-19	459-864		EXTENSION – Microphone	1	22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive
-20	468-003		JACK ASSEMBLY – Headphone	1	
-21	468-002		JACK ASSEMBLY – Microphone	1	
			A – Listed for reference only. B – Used on PA-22 with serial numbers 22-3218, 22-3387 and up. C – Used on PA-22 with serial numbers 22-2378, 22-2425 and up.		

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
60-22	W23X1A1G-10	C	CIRCUIT PROTECTOR – PSM-10	2	
	W23X1A1G-10	D	CIRCUIT PROTECTOR – (2310)	2	
-23	13669-00	B	CLAMP – Capacitor	1	
-24	454-044	B	CAPACITOR – (500 MFD)	1	
-25	454-083		CAPACITOR – (.5 MFD)	1	
-26	454-051		CAPACITOR – (.001 MFD)	5	
-27	18478-00		SPEAKER – Radio	1	
-28		A	RADIO – Narco, LFR-1		22-354 and up
-29		A	RADIO – Narco, VHT-2		22-354 and up
-30		A	RADIO – Narco, VTR-1		22-354 and up
-31		A	RADIO – Narco, VTLR-1		22-354 and up
		A	RADIO – Narco, VTLR-2		22-354 and up
			<p>A – Not available through Piper Aircraft Corporation. Secure from National Aeronautical Corporation, Ambler, Pennsylvania.</p> <p>B – Used on PA-22 with serial numbers 22-1 to 22-5138 inclusive and 22-5140 to 22-5602 inclusive.</p> <p>C – Used when Spencer circuit protectors are installed.</p> <p>D – Used when Wood circuit protectors are installed.</p>		

PA-22 TRI-PACER PARTS CATALOG

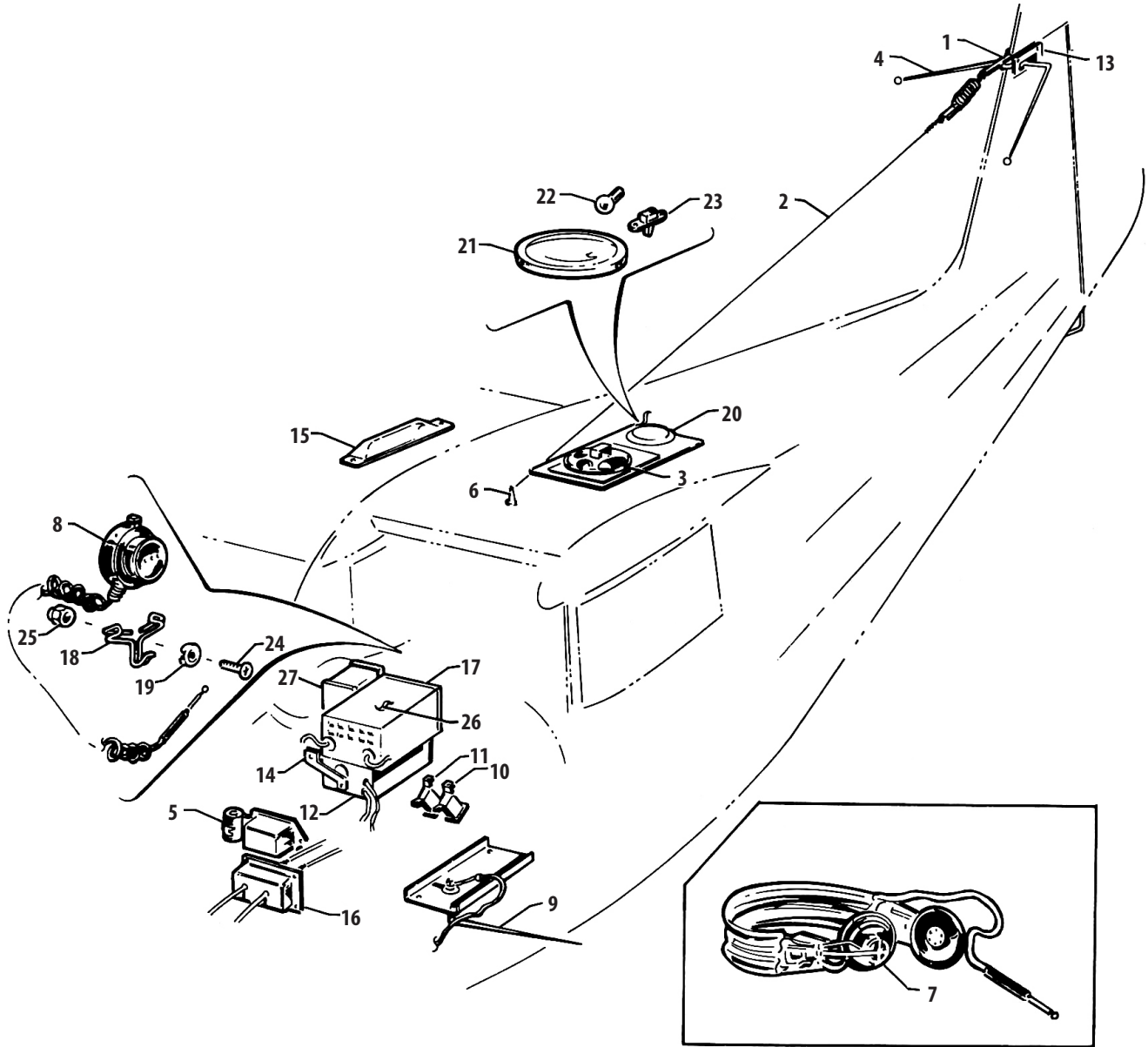


Figure 61. Piper Radio Installation
AutoNav PRC-3 and Super Homer VHT-4
AutoNav PRC-3 and PTR-1

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
61-	15090		DRAWING – Piper Radio Installation, AutoNav PRC-3 and Super Homer VHT-4		22-9417 to 22-9637 inclusive
	15245		DRAWING – Radio Installation, AutoNav PRC-3 and PTR-1		22-9638 and up
-1	14572-00	A	BRACKET ASSEMBLY – Radio antenna	1	
-2	17953-00	A	ANTENNA WIRE ASSEMBLY	1	
-3	18478-00		SPEAKER ASSEMBLY	1	
-4	451-273	BC	ANTENNA ASSEMBLY	1	
-5	-19286-000		CAPACITOR ASSEMBLY	1	
-6	-467-062	A	INSULATOR – (#135-42)	1	
-7	464-327	BC	HEADPHONE – (#P-23)	1	
-8	474-647	BC	MICROPHONE – (Telephonics #RS-38A)	1	
	474-649	BC	MICROPHONE – (TEL 66C)	1	
-9	451-272	BC	ANTENNA – Whip (VTP-17)	1	
-10	W23X1A1G-10	BC	CIRCUIT PROTECTOR – (#2310)	1	
-11	W23X1A1G-5	A	CIRCUIT PROTECTOR – (#2305)	1	
-12	451-129	A	RECEIVER – PIPER AUTONAV (PRC-3)	1	
-13	14296-00	BC	PLATE – Antenna trim	2	
-14	15089-00	A	BRACKET – Radio support	1	
-15	451-127	A	ANTENNA – Loop (#A-3-2.5)	1	
-16	460-634		FILTER – Magneto (#NFIF 247)	2	
-17	19266-00	A	PLATE ASSEMBLY – Radio opening cover	1	
-18	23303-00	BC	HOLDER – Microphone (used with Telephonics Mike RS-38A)	1	
	453-415	BC	BRACKET – Microphone (used with Telex Mike 66C)	1	
-19	23302-00	BC	WASHER – Retaining, microphone holder	1	
-20	12702-09		LIGHT ASSEMBLY – Dome	1	
-21	-12715-000		LENS – Dome light	1	
-22	GE89		BULB – Dome light	1	
-23	487-777		SWITCH – Dome light (#5518)	1	
-24	MS24693SS0	BC	SCREW	1	
-25	404-910	BC	NUT – Self-locking (MS20365-832C)	1	
-26	551-174	C	RADIO – PTR-1, low band	1	
-27	551-176	C	CONVERTER – O-1 Omni	1	
			A – Used with AutoNav installation. B – Used with Super Homer installation. C – Used with PTR-1 installation.		

PA-22 TRI-PACER PARTS CATALOG

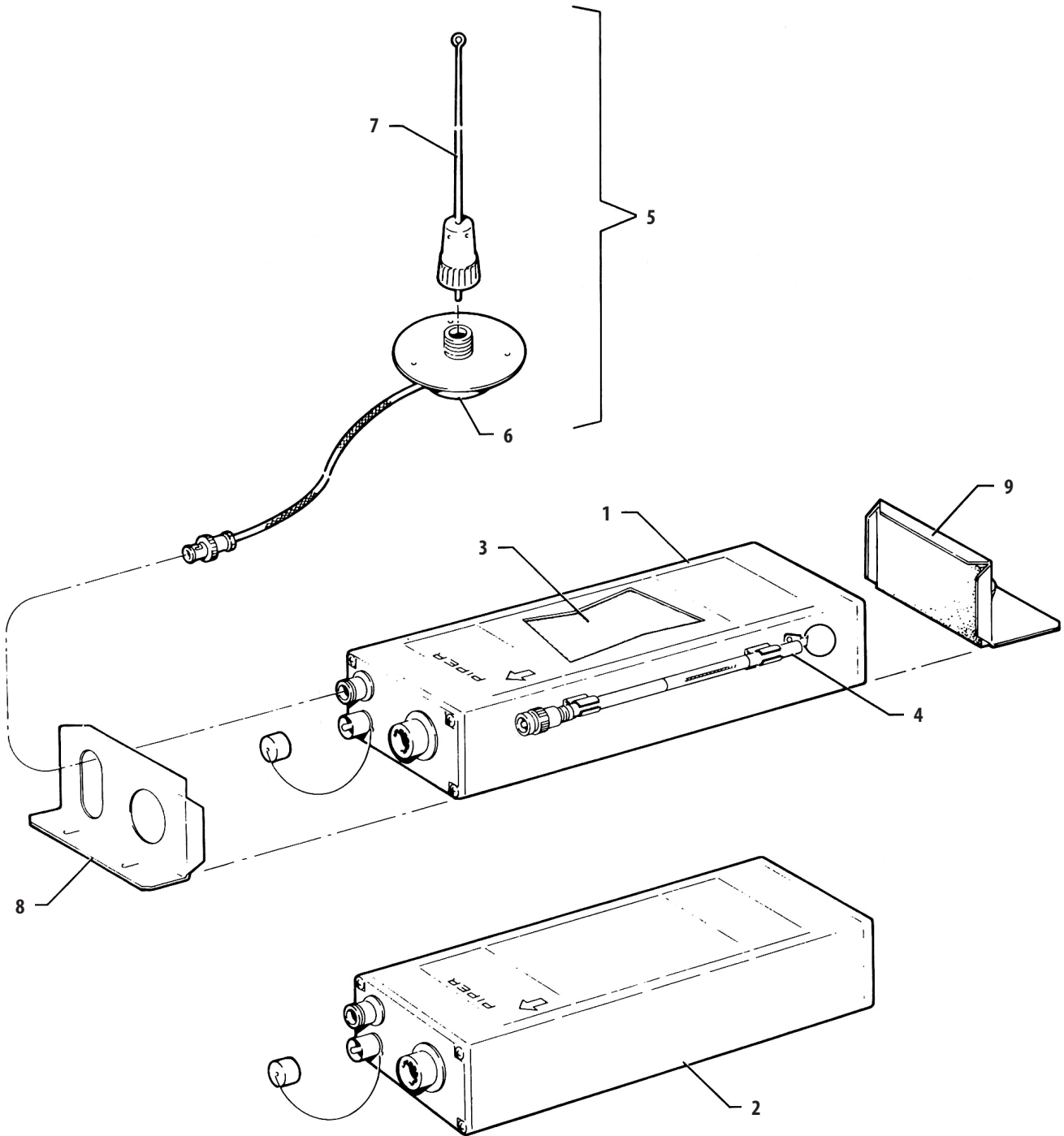


Figure 62. Piper Automatic Locator (ELT) Installation

PIPER AUTOMATIC LOCATOR (ELT) INSTALLATION

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
62-1	756-398		TRANSMITTER ASSEMBLY – Automatic locator (includes battery pack and telescopic antenna)	1	
-2	756-399		TRANSMITTER ASSEMBLY – Automatic locator (less battery pack and telescopic antenna)	1	
-3	758-209		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	758-210		BRACKET – Forward transmitter mounting	1	
-9	758-211		BRACKET ASSEMBLY – Aft transmitter mounting (includes lock knob)	1	

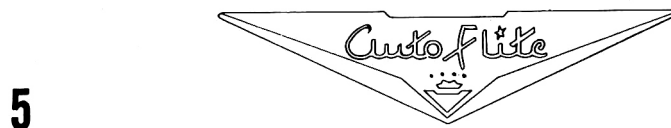
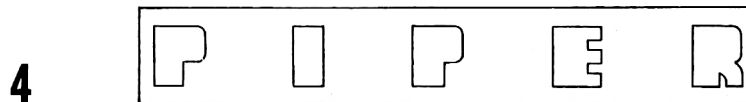
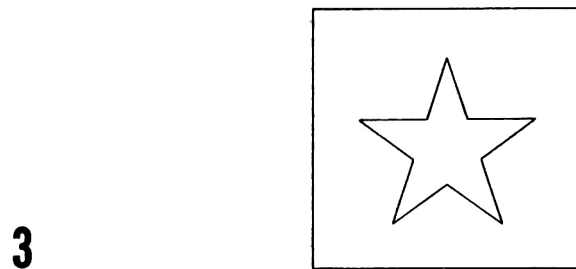
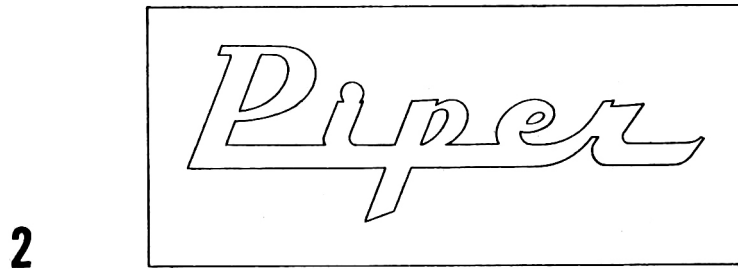
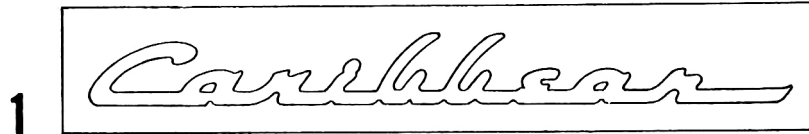
OPTIONAL EQUIPMENT AND REPAIR KITS

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
752-272		B	AEROMATIC PROPELLER INSTALLATION – (less propeller)		
754-025			ANTENNA – Fixed loop (used with Narco Radio)		22-807 to 22-1759 inclusive
751-204			ANTENNA – Fixed loop (used on all radio installations except the Lear Radio)		22-1 to 22-806 inclusive
754-378			AUXILIARY FUEL SYSTEM INSTALLATION – (less instrument panel cover plate)		22-8000 and up
754-074			AUXILIARY FUEL TANK INSTALLATION – “135” and “150”		22-534 to 22-7642 inclusive
752-297			BATTERY BOX INSTALLATION – Sealed		22-354 and up
752-300		C	DEFROSTER INSTALLATION		
752-261		A	DIRECTIONAL GYRO INSTALLATION – (Venturi installation)		
754-035			FLOAT INSTALLATION – (with 89-2000 floats) “135”		22-807 to 22-2424 inclusive
754-036			FLOAT INSTALLATION – (with 89-2000 floats) “135”		22-534 to 22-806 inclusive
754-082		C	FLOAT INSTALLATION – “150” and “160” (EDO Model 89-2000 floats)		22-2378, 22-2425 and up
752-243			FRESH AIR VENT INSTALLATION		22-1 to 22-353 inclusive
752-260		A	INSTRUMENT INSTALLATION – Advanced (Venturi installation)		
752-259		A	INSTRUMENT INSTALLATION – Primary (Venturi installation)		
-752-214			LANDING GEAR – Nuts and bolts		
-751-200		B	LANDING LIGHT INSTALLATION		
-754-052			LANDING LIGHT KIT		22-2378, 22-2425 and up
752-271		C	MANIFOLD PRESSURE GAUGE		
752-182		C	NAVIGATION LIGHT AND COCKPIT – SPOTLIGHT INSTALLATION		
754-371			NAVIGATION LIGHT, INSTRUMENT SPOTLIGHT AND DOME LIGHT INSTALLATION		22-8000 and up
752-241			OIL RADIATOR INSTALLATION – “135” (for use when installing large 12 plate oil radiator in “125” airplanes, this kit is less the nose cowl)		
752-213		C	REAR SEAT HEATER INSTALLATION		
750-454			RIB REPAIR KIT		
752-273		C	SAFE FLIGHT INDICATOR		
754-085		C	SKI INSTALLATION – “135” and “150”		22-3219 to 22-3386 inclusive
754-167		C	SKI INSTALLATION – “150”		22-3218, 22-3387 and up
-750-736			SPAR SPLICE – Front (Wing)		
-750-737			SPAR SPLICE – Rear (Wing)		
752-209		C	SPEAKER AND DOME LIGHT INSTALLATION – (used with Bendix Radio)		
752-252		C	SPEAKER AND DOME LIGHT INSTALLATION – (used with Narco Radio)		
751-160		C	STORM LAKE LITTER		22-1 to 22-806 inclusive
754-007		C	STORM LAKE LITTER		22-807 and up
			A – Used on PA-22 with serial numbers 22-635, 22-637, 22-640, 22-642, 22-644, 22-647, 22-648, 22-654, 22-657, 22-659 to 22-7642 inclusive.		
			B – Used on PA-22 with serial numbers 22-1 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive.		
			C – Not used on PA-22-108.		

OPTIONAL EQUIPMENT AND REPAIR KITS

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
	752-207	C	STRUT FAIRINGS INSTALLATION – (used when tie down rings are installed on wing spar and also when no tie down rings are installed)		
	752-248		STRUT FAIRINGS INSTALLATION – (used when tie down rings are installed at upper end of lift strut)		22-354 and up
	754-098	C	SUN VISOR INSTALLATION		
	752-231	C	SUPER HEATER INSTALLATION		22-1 to 22-353 inclusive
	754-034	A	VACUUM PUMP INSTALLATION – (new type accessory case)		
	754-059	B	VACUUM PUMP INSTALLATION		
	754-136		VACUUM PUMP INSTALLATION		22-3936 to 22-7642 inclusive
	752-267		VACUUM PUMP INSTALLATION – (used only when engine is equipped for installation) “135”		22-354 to 22-2213 inclusive
	754-374		VACUUM PUMP INSTALLATION – (less pump) (to be used with Accessory Case Lyc. #68802 and Drive Gear Adapter Lyc. #69439 – secured from Lycoming)		22-8000 and up
	754-373		VENTURI INSTALLATION – Standard to Primary (less Turn and Bank)		22-8000 and up
	752-208		WINDOW AND DOOR LOCK INSTALLATION		22-1 to 22-806 inclusive
	U752-287	C	WINDOW VENTILATOR		
	754-360		PIPER – AutoNav		
	754-444		SKI INSTALLATION – “108”		22-8000 and up
	754-352		OIL FILTER INSTALLATION KIT		
	754-388	D	WHEEL FAIRINGS INSTALLATION – (less fairings) “108”		
	754-331	E	WHEEL FAIRINGS INSTALLATION – (less fairings) “150” and “160”		
	754-174		UTILITY CATEGORY – Conversion for “150” and “160”		
	760-590		PIPER EMERGENCY LOCATOR – Personnel Type		
	53098-00		PIPER AUTOMATIC LOCATOR – Portable Type		
	550-759		PIPER MIXTURE CONTROL INDICATOR KIT		
			A – Used on PA-22 with serial numbers 22-2214, 22-2215, 22-2220, 22-2223, 22-2224, 22-2226, 22-2228, 22-2229, 22-2233 to 22-2237 inclusive, 22-2239 to 22-2244 inclusive, 22-2247, 22-2248, 22-2250 to 22-2253 inclusive, 22-2255 to 22-2377 inclusive and 22-2379 to 22-2424 inclusive.		
			B – Used on PA-22 with serial numbers 22-2378, 22-2425 to 22-3217 inclusive and 22-3219 to 22-3386 inclusive.		
			C – Not used on PA-22-108.		
			D – Used on airplanes with serial numbers 22-8270, 22-8289, 22-8291, 22-8293, 22-8298, 22-8304, 22-8305, 22-8307, 22-8318, 22-8334, 22-8455, 22-8457 and up.		
			E – Used on airplanes with serial numbers 22-1 to 22-8269 inclusive, 22-8271 to 22-8288 inclusive, 22-8290, 22-8292, 22-8294 to 22-8297 inclusive, 22-8299 to 22-8303 inclusive, 22-8306, 22-8308 to 22-8317 inclusive, 22-8319 to 22-8333 inclusive, 22-8335 to 22-8454 inclusive, 22-8456.		

PA-22 TRI-PACER PARTS CATALOG



1. 15003-00 STENCIL – Caribbean (Gold) (22-6216, 22-6352 to 22-6784 inclusive, 22-6786 to 22-6857 inclusive, 22-6859 to 22-6979 inclusive)
15003-02 STENCIL – Caribbean (Chrome) (22-6785, 22-6858, 22-6980 to 22-7642 inclusive)
2. 15030-00 STENCIL – Piper (22-6785, 22-6858, 22-6980 to 22-9036 inclusive)
22859-00 DECAL – Piper (22-9037 and up)
3. 15045-00 STENCIL – Star (22-6785, 22-6885, 22-6980 to 22-7642 inclusive)
4. 19390-00 STENCIL – Piper (22-6216, 22-6352 to 22-6784 inclusive, 22-6786 to 22-6857 inclusive, 22-6859 to 22-6979 inclusive)
5. 22047-00 MEDALLION – AutoFlite