



Introduction

Aero Commander Model 112 ILLUSTRATED PARTS CATALOG

This Parts Catalog is intended as a positive means of identification of all replacement parts for the "Model 112". UNDER NO CIRCUMSTANCES SHOULD THIS CATALOG BE USED FOR MAINTENANCE OR REPAIR PURPOSES.

This Parts Catalog is broken down into eleven major sections, and each section is divided into sub-groups. Each division will contain an illustration and a parts listing. These illustrations and parts listings will completely cover all replacement parts for the "Model 112".

The following is an explanation of the parts listing.

1. The "Fig. and Index Number" column indicates the illustration figure number and part index number. See example. The 9 is the figure number and will appear only at the top of each new parts listing. The -1, -2, -3, etc., are index numbers.
2. The "Part Number" column contains the identifying part number.
3. The "Code" column indicates special uses of a part. An explanation of each letter code used per page appears at the bottom of each parts listing.
4. The "Nomenclature" column indicates the part name or description.
5. The "No. Req." column represents the total quantity of parts used per aircraft per figure.
6. The indentures in the Nomenclature column indicate assemblies, components, and individual parts. See example
 - a. No indenture indicates assemblies. If the aileron assembly were ordered, it would include the six items listed under it.
 - b. If the spar assembly were ordered, it would include the spar, doubler, and hinge.
 - c. If you want only a hinge or doubler, order only that item.
7. The "Serial Number Affected" column gives parts usage by airplane serial number.

FIG. & INDEX NO.	PART NUMBER	CODE	EXAMPLE		
			NOMENCLATURE	NO. REQ'D	SERIAL NO'S AFFECTED
9-1	42003-1		Aileron Assembly - Left	1	
	42003-2		Aileron Assembly - Right	1	
-2	42245-1		Spar Assembly - Left	1	
	42245-2		Spar Assembly - Right	1	
-3	42246-1		Doubler - Aileron Hinge	1	
	42246-2		Doubler - Aileron Hinge	1	
-4	42247-1		Spar	1	
	42247-2		Spar	1	
-5	42248-1		Hinge	1	
	42248-2		Hinge	1	
-6	42249-1		Balance Weight Ass'y. - Left	1	
	42249-2		Balance Weight Ass'y. - Right	1	



●Hardware

Hardware such as nuts, bolts, screws, etc., that are available as commercial items usually are not supplied by Aero Commander. The parts listing will contain those items of attaching hardware required for main assemblies and installations. Part numbers, vendor numbers, etc., for these parts will follow the part name in the nomenclature column.

●Optional Equipment

Optional equipment items will be listed in their proper sections and in the proper sequence with other parts listings. Optional equipment kits, custom kits, repair kits, and special tools will be listed under the miscellaneous section.

●Parts Identification

When trying to identify parts, use the following steps as a guide.

1. Refer to Figure 1 (complete airplane) on page 1 and select the appropriate section.
2. Turn to Table of Contents on page vii and find the section. Note that each section is divided into various subgroups.
 - a. Select the figure that you think would most likely contain the part you wish to identify and note page specified.
3. Find the proper illustration and select the index number for your part. If you are unable to locate your part in this illustration, refer to other illustrations within the same section.
4. In the parts listing, go to the correct figure number and index number for a complete description of your part.

●Ordering Parts

When ordering parts, the following information must be included. This will assure that you receive the correct parts in the shortest time.

1. Correct part numbers
2. Complete part description
3. Model number
4. Factory serial number
5. Quantity
6. Shipping instructions
7. Where to ship

Note: When no shipping instructions are given, we reserve the right to ship the most suitable way.

●General Information

1. Shortages:

All orders are checked before leaving our Shipping Department. A packing slip is enclosed with each shipment and claims for error and/or shortages must be made within five days after receipt.



2. Returned Goods:

No material should be returned to us without first securing our written permission, and all shipments must be made prepaid. Note: Any shipment not sent prepaid will be refused. If material is returned without written approval, material will be held at owner's risk for a period of thirty (30) days and will then be disposed of as we see fit.

3. Transportation Liabilities:

Aero Commander, Inc. 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 the transportation company make a notation of the damage on the bill of lading and file your claim with the carrier. In case of concealed damage, call the carrier and have their claim agent inspect the damage. Do not remove the part from the shipping container or attempt to repair the damage.

WHEN ORDERING PARTS FOR YOUR "AERO COMMANDER MODEL 112", PLACE YOUR ORDER WITH THE DEALER OR DISTRIBUTOR FOR YOUR TERRITORY, SINCE PARTS ARE AVAILABLE ONLY THROUGH OUR DISTRIBUTOR ORGANIZATION.

●Revisions

This Parts Catalog is a current listing of parts for the Aero Commander Model 112. Changes and additions will occur. These changes will be forwarded to you for insertion in their proper places. It is important that these changes and/or additions be inserted upon receipt, so that there will be maximum utility of this catalog.

When revisions to this catalog are made, they will supersede all previous revisions. All revisions will be complete page replacements and/or additions and should be inserted as follows:

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

The revision date appears in the lower left hand corner of each page.



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Current Revision List

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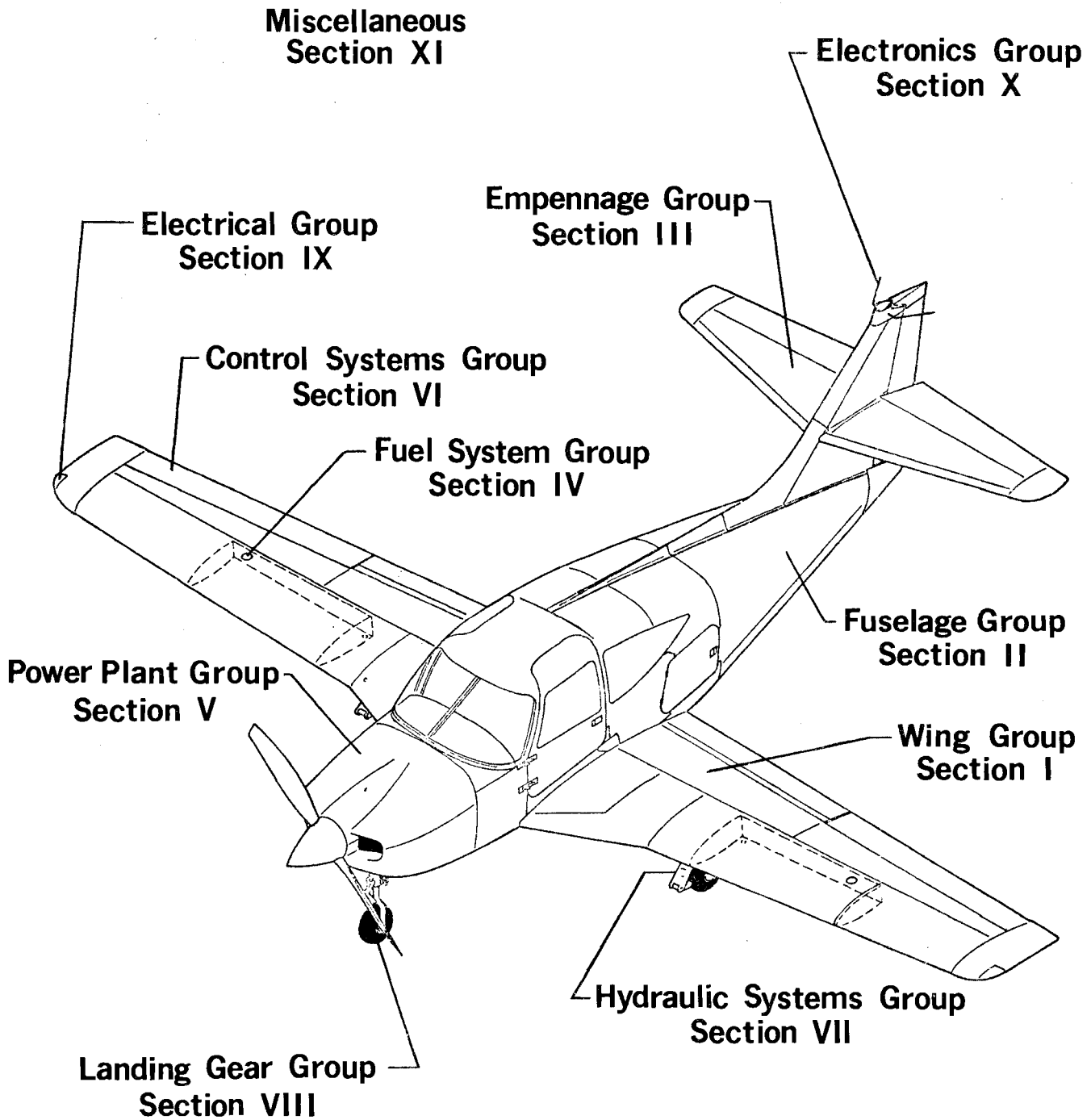


Figure 1. Complete Airplane

Notes



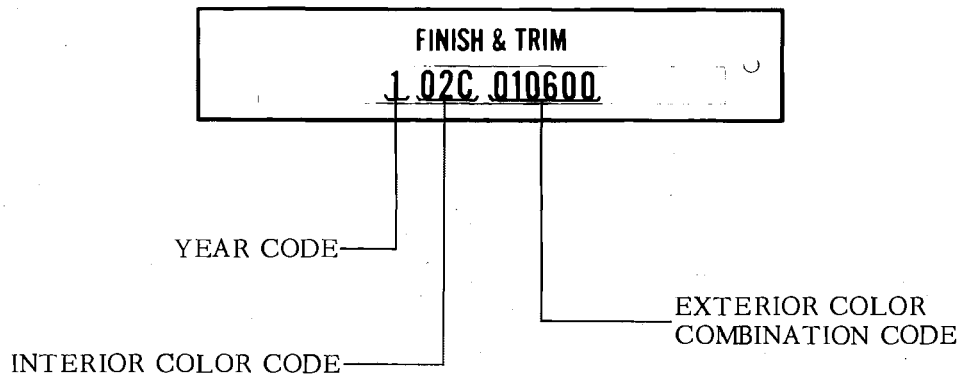
The "FINISH AND TRIM" plate is located on the lower left hand corner of the closeout-bulkhead in the aft cabin.

The plate indicates the model year, interior scheme and the exterior paint combination.

The design layout for the exterior paint combination consists of:

- A. Primary, the major portion of all aircraft.
- B. Secondary.
- C. Trim Stripe, for the Super Sport Design only.

The following illustration is an example showing the sequence and definition of each code symbol on the "FINISH AND TRIM" plate.



Finish and Trim Number (1 02C 010600)	
YEAR CODE	→ 1 = Model Year
INTERIOR COLOR CODE	→ 02C = Indian Gold, Interior Scheme
EXTERIOR COLOR COMBINATION CODE	→ 01 = Spinnaker White, Primary Exterior Color
	→ 06 = Aztec Gold, Secondary Stripe
	→ 00 = Accent Trim Stripe, For Super Sport Design Only



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YEAR CODE		INTERIOR COLOR CODE			
		STANDARD		SUPER SPORT	
CODE	YEAR	CODE	COLOR	CODE	COLOR
1	1971	02A	Sea Blue	22A	Sea Foam Blue
2	1972	02B	Harvest Red	22B	Sunset Red
3	1973	02C	Indian Gold	22C	Inca Gold
4	1974	02D	Wintergreen	22D	Spruce Green
		SPORT			
		CODE	COLOR		
		12A	Sea Foam Blue		
		12B	Sunset Red		
		12C	Inca Gold		
		12D	Spruce Green		

EXTERIOR PAINT COLOR INDEX AND COLOR CODE

DUPONT REF. NO.	COLOR NAME	MFG. & YEAR	ALBANY C/N	COLOR CODE
4996 L	Spinnaker White	Chrg. 70	46545	01
5254 L	Amber Sherwood	Chrg. 71	46538	02
5327 L	Molsanne Blue	Chev. 71	46539	03
4602 LH	Competition Orange	Merc. 71	46543	04
5292 LH	War Bonnet Yellow	Corv. 71	46540	05
5130 LH	Aztec Gold	Chrg. 70	46544	06
5169 LH	Moroccon Brown	Am. Mo. 70	46541	07
5317 L	Dark Green-Black	Linc. 71	46542	08

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Section I

WING GROUP



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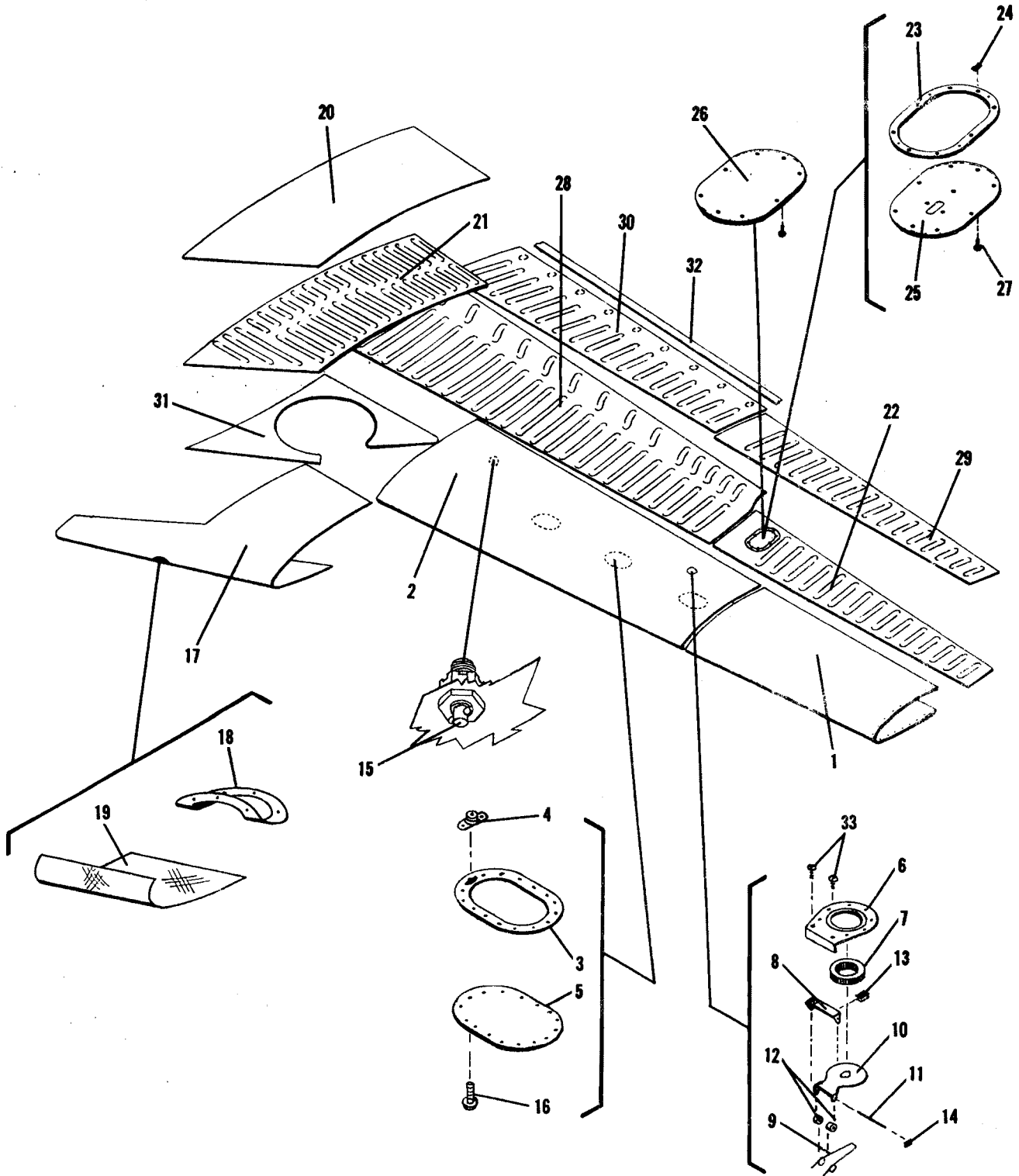


Figure 2. Wing Skins



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
2-1	42215-1		SKIN - Outboard, Leading Edge, L.H.	1	One & Up
	42215-2		SKIN - Outboard, Leading Edge, R.H.	1	
	42216-1		SKIN ASSEMBLY - Fuel Tank, L.H.	1	
	42216-2		SKIN ASSEMBLY - Fuel Tank, R.H.	1	
-2	42216-4		SKIN - Fuel Tank, L.H.	1	
	42216-5		SKIN - Fuel Tank, R.H.	1	
-3	42286-3		DOUBLER - Access Panel	6	
-4	59490		NUT (22NKA1-02, Esna)	96	
-5	42284-3		ACCESS PANEL	6	
-6	48516-1		DOUBLER - Fuel Filler	2	
-7	61520		GROMMET - Fuel Filler (2805, Atlantic Rubber Co.)	2	
	48520-1		FUEL FLAP ASSEMBLY	2	
-8	48515-1		BRACKET - Fuel Flap, Sub Assembly	2	
-9	48517-1		SPRING	2	
-10	48519-1		BRACKET - Fuel Flap	2	
-11	48521-1		PIN - Fuel Flap	2	
-12	68236		SPACER (NAS 43DD3-29)	4	
-13	59462		SPEED NUT (C637-010, Tinnerman)	4	
-14	59467		CLIP NUT (C1731-1032, Tinnerman)	4	
-15	63921		VALVE (1000B-2A, Beta-Valve)	2	
-16	59700		SCREW (AN520-C10-4)	4	
	42217-1		SKIN ASSEMBLY - Leading Edge, Inboard Center Wing, L.H.	1	
	42217-2		SKIN ASSEMBLY - Leading Edge, Inboard Center Wing, R.H.	1	
-17	42217-3		SKIN - Leading Edge, Inboard Center Wing, L.H.	1	
	42217-4		SKIN - Leading Edge, Inboard Center Wing, R.H.	1	
-18	42299-1		DOUBLER - Air Intake	2	
-19	42294-1		FILTER - Air Intake	2	
	42218-1		SKIN ASSEMBLY - Wing Walkway, L.H.	1	
	42218-2		SKIN ASSEMBLY - Wing Walkway, R.H.	1	
-20	42218-3		SKIN - Wing Walkway, L.H.	1	
	42218-4		SKIN - Wing Walkway, R.H.	1	
-21	42220-1		SKIN - Wingwalk, Beaded, L.H.	1	
	42220-2		SKIN - Wingwalk, Beaded, R.H.	1	

When Ordering, Always Specify Part Number, Nomenclature
And Serial Number of Aircraft.



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
	42222-1		SKIN ASSEMBLY - Aft, Bottom Outboard, L.H.	1	One & Up
	42222-2		SKIN ASSEMBLY - Aft, Bottom Outboard, R.H.	1	
2-22	42222-3		SKIN - Aft, Bottom Outboard, L.H.	1	
	42222-4		SKIN - Aft, Bottom Outboard, R.H.	1	
-23	42241-4		DOUBLER - Aileron Access	2	
-24	59485		CLIP NUT (C8104-832, Tinnerman)	16	
-25	42309-1		DOOR - Access, Pitot Head	1	
-26	42314-1		DOOR - Access, Aileron Access	1	
-27	59667		SCREW (AN515DD8-4)	16	
-28	42223-1		SKIN - Aft, Bottom Inboard, L.H.	1	
	42223-2		SKIN - Aft, Bottom Inboard, R.H.	1	
-29	42224-1		SKIN - Aft, Top Outboard, L.H.	1	
	42224-2		SKIN - Aft, Top Outboard, R.H.	1	
-30	42225-1		SKIN - Aft, Top Inboard, L.H.	1	
	42225-2		SKIN - Aft, Top Inboard, R.H.	1	
-31	42250-1		SKIN - Wheel Well, L.H.	1	
	42250-2		SKIN - Wheel Well, R.H.	1	
-32	42260-1		STRIP - Flap Shroud, Trailing Edge, L.H.	1	
	42260-2		STRIP - Flap Shroud, Trailing Edge, R.H.	1	
-33	56842		SCREW (AN526-1032-R6)	96	

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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
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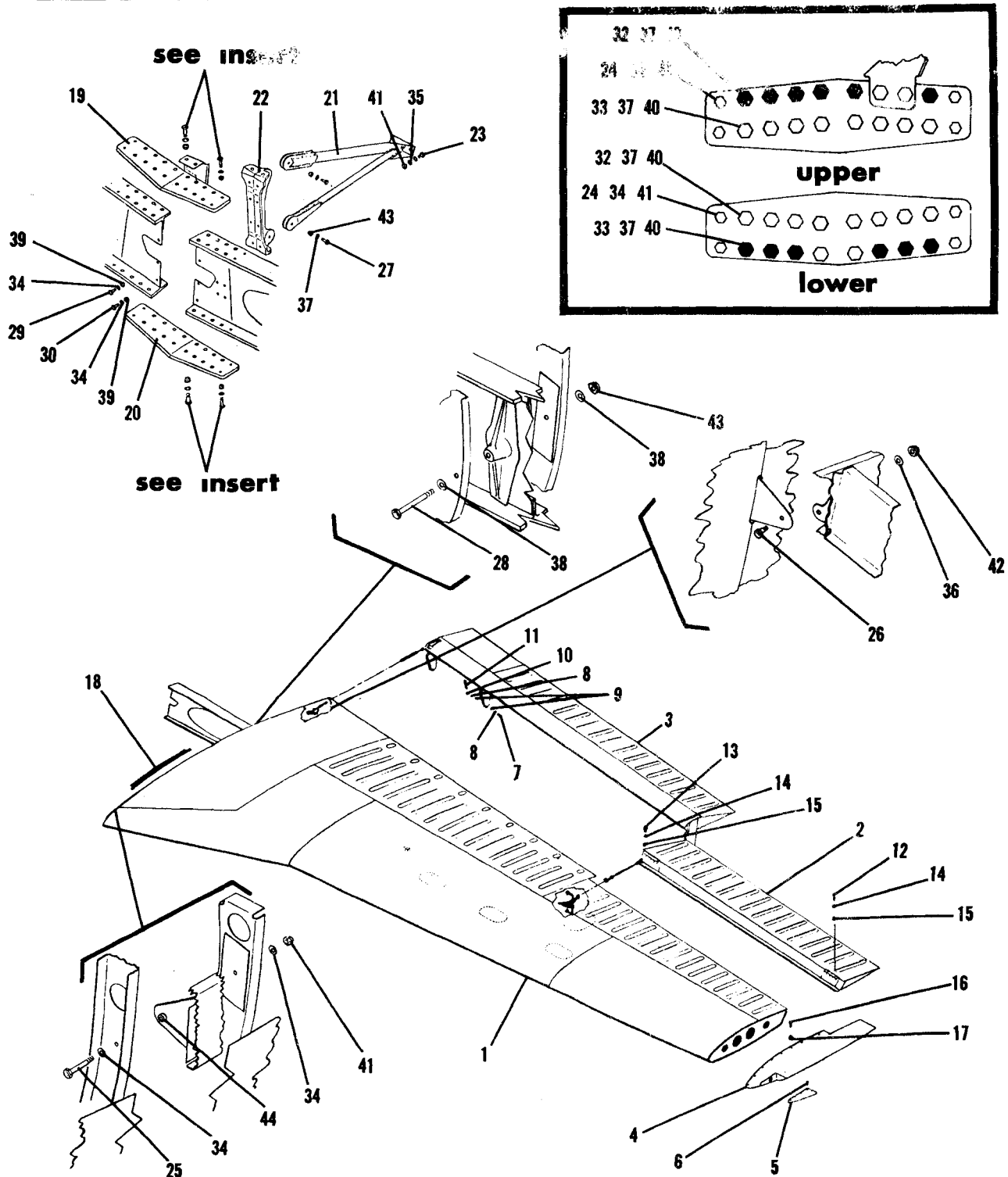


Figure 3. Wing Installation



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
	40001-1		WING INSTALLATION		One & Up
	40002-1		WING COMPLETE, L. H.	1	
	40002-2		WING COMPLETE, R. H.	1	
3-1	42000-1		WING ASSEMBLY, L. H.	1	
	42000-2		WING ASSEMBLY, R. H.	1	
-2	42003-1		AILERON ASSEMBLY, L. H.	1	
	42003-2		AILERON ASSEMBLY, R. H.	1	
-3	42004-1		FLAP ASSEMBLY, L. H.	1	
	42004-2		FLAP ASSEMBLY, R. H.	1	
-4	42242-1		WING TIP ASSEMBLY, L. H.	1	
	42242-2		WING TIP ASSEMBLY, R. H.	1	
-5	42242-3		LENS, L. H.	1	
	42242-4		LENS, R. H.	1	
-6	59614		SCREW (AN507C832-6)	22	
-7			BOLT (AN24-16)	6	
-8	58769		WASHER (AN960PD416L)	12	
-9	68253		SPACER (NAS43DD4-6)	12	
-10			NUT (AN310-4)	6	
-11			COTTER PIN (MS20665-132)	6	
-12			SCREW (AN525-1032-9)	6	
-13			SCREW (AN525-1032-10)	6	
-14			WASHER (AN960-10L)	12	
-15			NUT (MS20365-1032)	12	
-16			SCREW (AN507-832R7)	34	
-17			WASHER (A3135-017-1)	34	
-18	40126-1		SEAL	2	
-19	42292-1		SPLICE - Spar Cap, Upper	1	
-20	42292-3		SPLICE - Spar Cap, Lower	1	
-21	42295-1		TRUSS ASSEMBLY - B.L. O.O	1	
-22	42301-1		FITTING - Spar, B.L. O.O	1	
-23	50851		BOLT (AN4-5A)	2	
-24			BOLT (AN174-12A)	8	
-25	54205		BOLT (AN174-14A)	2	
-26	54221		BOLT (AN175-6A)	2	
-27	54241		BOLT (AN176-10A)	2	
-28	54242		BOLT (AN176-35A)	2	
-29	68528		BOLT (NAS1104-4)	4	
-30	68527		BOLT (NAS1104-6)	4	

When Ordering, Always Specify Part Number, Nomenclature
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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
3-31			BOLT (NAS 1106-12)	6	One & Up
-32	68525		BOLT (NAS 1106-13)	16	
-33			BOLT (NAS 1106-14)	10	
-34	58760		WASHER (AN960-416)	20	
-35	58770		WASHER (AN960-416L)	4	
-36	58780		WASHER (AN960-516)	2	
-37	58790		WASHER (AN960-616)	34	
-38	58794		WASHER (AN960-616L)	4	
-39			NUT (MS20364-428)	4	
-40			NUT (MS20364-624)	32	
-41	A2172		NUT (MS20365-428)	16	
-42			NUT (MS20365-524)	2	
-43			NUT (MS20365-624)	4	
-44			SPACER (NAS76A-4-21P)	2	

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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
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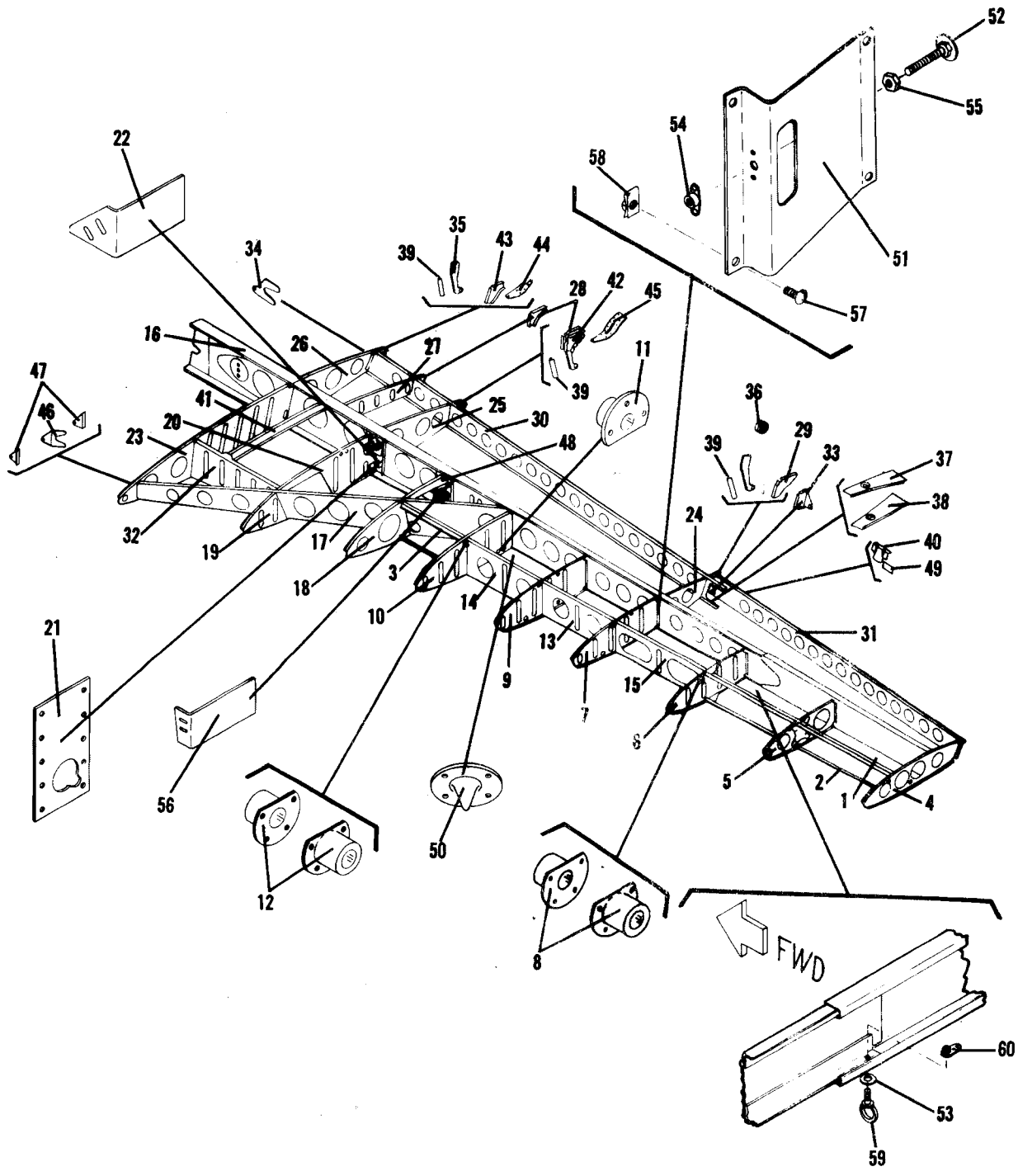


Figure 4. Wing Assembly



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
	42000-1		WING ASSEMBLY, L. H.	1	One & Up
	42000-2		WING ASSEMBLY, R. H.	1	
	42001-1		TANK & LEADING EDGE ASSEMBLY, L. H.	1	
	42001-2		TANK & LEADING EDGE ASSEMBLY, R. H.	1	
4-1	40106-1		STRINGER	2	
-2	40106-2		STRINGER	2	
-3	40127-1		STRINGER	4	
-4	42201-1		RIB - Tip, Sta. 189.00, L.H.	1	
	42201-2		RIB - Tip, Sta. 189.00, R.H.	1	
-5	42202-1		RIB - Sta. 165.20, L.H.	1	
	42202-2		RIB - Sta. 165.20, R.H.	1	
	42203-1		RIB ASSEMBLY - Tank, Sta. 142.40, L.H.	1	
	42203-2		RIB ASSEMBLY - Tank, Sta. 142.40, R.H.	1	
-6	42203-3		RIB - Tank, Sta. 142.40, L.H.	1	
	42203-4		RIB - Tank, Sta. 142.40, R.H.	1	
-7	42204-1		RIB - Tank, Sta. 119.50, L.H.	1	
	42204-2		RIB - Tank, Sta. 119.50, R.H.	1	
-8	42333-1		FLANGE - Fuel Tank, Outboard	4	
-9	42205-1		RIB - Tank, Sta. 101.10, L.H.	1	
	42205-2		RIB - Tank, Sta. 101.10, R.H.	1	
	42206-1		RIB ASSEMBLY - Tank, Sta. 82.50, L.H.	1	
	42206-2		RIB ASSEMBLY - Tank, Sta. 82.50, R.H.	1	
-10	42206-3		RIB - Tank, Sta. 82.50, L.H.	1	
	42206-4		RIB - Tank, Sta. 82.50, R.H.	1	
-11	42325-1		FLANGE - Fuel Tank Outlet	2	
-12	42333-1		FLANGE - Fuel Tank, Outboard	4	
-13	42228-1		BAFFLE - Center, L.H.	1	
	42228-2		BAFFLE - Center, R.H.	1	
-14	42229-1		BAFFLE - Inboard, L.H.	1	
	42229-2		BAFFLE - Inboard, R.H.	1	
-15	42227-1		BAFFLE - Outboard, L.H.	1	
	42227-2		BAFFLE - Outboard, R.H.	1	
-16	42002-1		SPAR ASSEMBLY - Main, Wing, L.H.	1	
	42002-2		SPAR ASSEMBLY - Main, Wing, R.H.	1	
-17	42005-1		SPAR ASSEMBLY - Forward Auxiliary, Wing, L.H.	1	
	42005-2		SPAR ASSEMBLY - Forward Auxiliary, Wing, R.H.	1	

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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
4-18	42207-1		RIB - Leading Edge, Sta. 65.30, L.H.	1	One & Up
	42207-2		RIB - Leading Edge, Sta. 65.30, R.H.	1	
-19	42208-1		RIB - Leading Edge, Sta. 47.30, L.H.	1	
	42208-2		RIB - Leading Edge, Sta. 47.30, R.H.	1	
	42209-1		RIB ASSEMBLY - Center, Sta. 47.30, L.H.	1	
	42209-2		RIB ASSEMBLY - Center, Sta. 47.30, R.H.	1	
-20	42209-3		RIB - Center, Sta. 47.30, L.H.	1	
	42209-4		RIB - Center, Sta. 47.30, R.H.	1	
-21	42234-1		DOUBLER	2	
-22	48279-4		BRACKET ASSEMBLY - Main Gear Down Position, L.H.	1	
	48279-5		BRACKET ASSEMBLY - Main Gear Down Position, R.H.	1	
-23	42210-1		RIB - Root, Forward, Canted, L.H.	1	
	42210-2		RIB - Root, Forward, Canted, R.H.	1	
-24	42211-1		RIB - Aft, Sta. 121.20, L.H.	1	
	42211-2		RIB - Aft, Sta. 121.20, R.H.	1	
-25	42212-1		RIB - Aft, Sta. 47.30, L.H.	1	
	42212-2		RIB - Aft, Sta. 47.30, R.H.	1	
-26	42213-1		RIB - Aft, Sta. 26.50, L.H.	1	
	42213-2		RIB - Aft, Sta. 26.50, R.H.	1	
-27	42214-1		RIB - Aft, Sta. 36.90, L.H.	1	
	42214-2		RIB - Aft, Sta. 36.90, R.H.	1	
-28	42230-1		RIB - Cove, Flap, L.H.	1	
	42230-2		RIB - Cove, Flap, R.H.	1	
-29	42230-3		RIB - Cove, Flap, L.H.	1	
	42230-4		RIB - Cove, Flap, R.H.	1	
-30	42231-1		SPAR - Aft, Inboard, L.H.	1	
	42231-2		SPAR - Aft, Inboard, R.H.	1	
-31	42232-1		SPAR - Aft, Outboard, L.H.	1	
	42232-2		SPAR - Aft, Outboard, R.H.	1	
-32	42235-1		CLOSE OUT - Wheel Well, L.H.	1	
	42235-2		CLOSE OUT - Wheel Well, R.H.	1	

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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
4-33	42259-1		BRACKET - Sta. 121.20, L.H.	1	One & Up
	42259-2		BRACKET - Sta. 121.20, R.H.	1	
-34	42270-1		FITTING - Aft Spar, L.H.	1	
	42270-2		FITTING - Aft Spar, R.H.	1	
	42278-1		FLAP HINGE ASSEMBLY	6	
-35	42263-1		ARM - Flap Hinge	6	
-36	60167		BEARING (LHB-4, Heim Unibal)	6	
-37	42290-1		DOUBLER - Upper, Aileron Bellcrank, L.H.	1	
	42290-2		DOUBLER - Upper, Aileron Bellcrank, R.H.	1	
-38	42291-1		DOUBLER - Lower, Aileron Bellcrank, L.H.	1	
	42291-2		DOUBLER - Lower, Aileron Bellcrank, R.H.	1	
-39	42279-1		FAIRING - Flap Hinge	6	
-40	42328-1		SUPPORT - Wing Hinge	4	
-41	42317-1		SUPPORT - Wing Walk	2	
-42	42304-1		RIB - Cove, Flap, Sta. 47.30, L.H.	1	
	42304-2		RIB - Cove, Flap, Sta. 47.30, R.H.	1	
-43	42311-1		RIB - Cove, Flap, Sta. 26.50, L.H.	1	
	42311-2		RIB - Cove, Flap, Sta. 26.50, R.H.	1	
-44	42321-1		STRAP - Cove Rib, Sta. 26.50, L.H.	1	
	42321-2		STRAP - Cove Rib, Sta. 26.50, R.H.	1	
-45	42322-1		STRAP - Cove Rib, Sta. 47.30, L.H.	1	
	42322-2		STRAP - Cove Rib, Sta. 47.30, R.H.	1	
-46	42271-1		FITTING - Forward Auxiliary Spar, L.H.	1	
	42271-2		FITTING - Forward Auxiliary Spar, R.H.	1	
-47	42282-1		CLIP - Forward Auxiliary Spar, L.H.	2	
	42282-2		CLIP - Forward Auxiliary Spar, R.H.	2	
-48	42323-1		SUPPORT - Skin, Sta. 66.00, L.H.	1	
	42323-2		SUPPORT - Skin, Sta. 66.00, R.H.	1	
-49	40122-1		PLACARD	2	
-50	40108-1		JACK PAD	2	
-51	42293-1		BRACKET ASSEMBLY - Aileron Stop, L.H.	1	

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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
4-51	42293-2		BRACKET ASSEMBLY - Aileron Stop, R.H.	1	One & Up
-52	42335-1		STOP	2	
-53			WASHER (AN 960-416)	2	
-54	65541		NUTPLATE (MS21047-L3)	2	
-55	54548		NUT (AN315-3)	2	
-56	48278-1		BRACKET - Main Gear Up Position, L.H.	1	
	48278-2		BRACKET - Main Gear Up Position, R.H.	1	
-57	56850		SCREW (AN526-1032-R10)	8	
-58	59521		CLIP NUT (RM 52LHA-4972-10-02, Esna)	8	
-59	40118-1		TIE DOWN RING	2	
-60			NUT PLATE (22N17A-058, Elastic Stop Nut)	2	

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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
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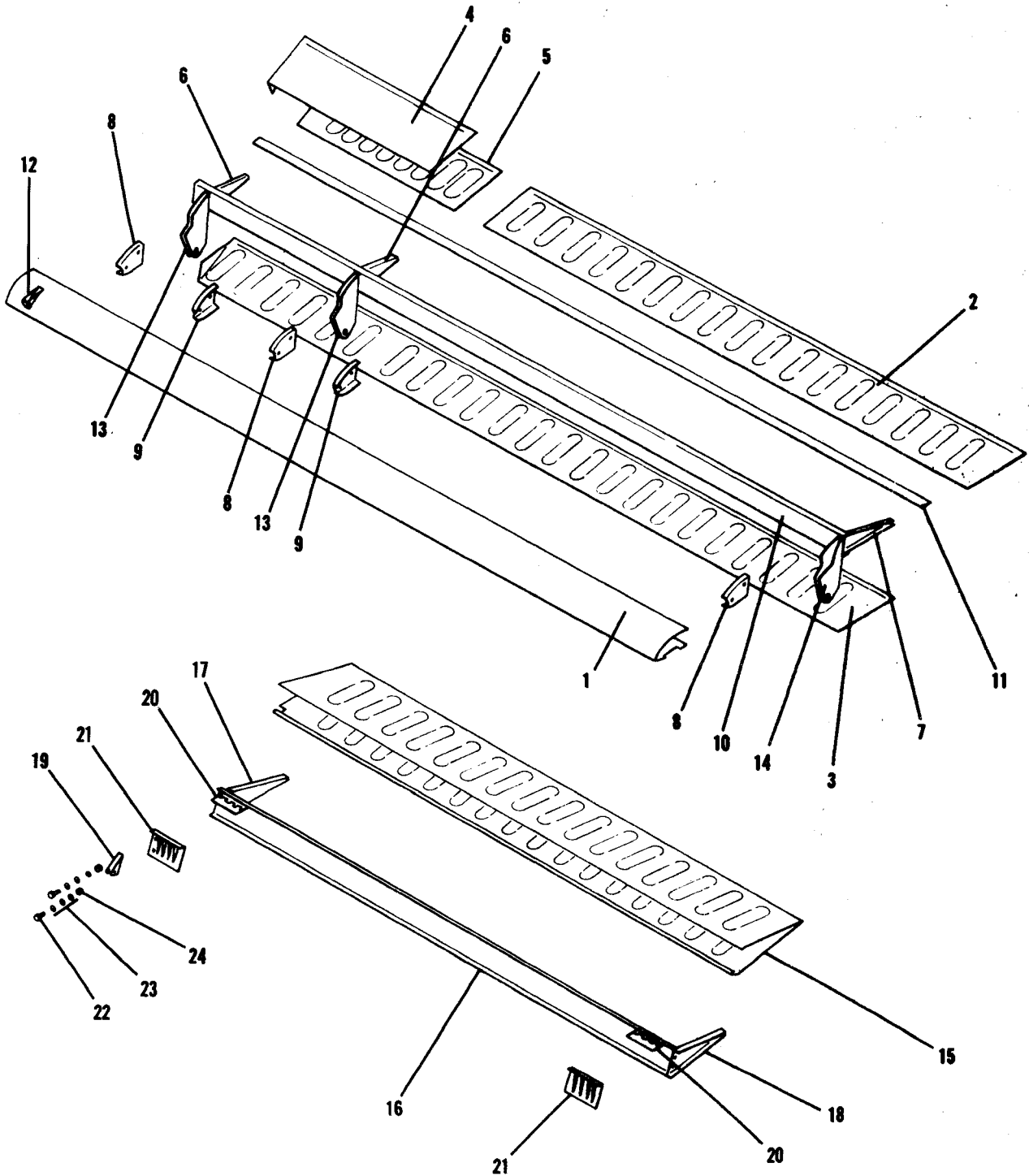


Figure 5. Flap and Aileron Assembly



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
	42004-1		FLAP ASSEMBLY, L.H.		One & Up
	42004-2		FLAP ASSEMBLY, R.H.		
5-1	42253-1		SKIN - Flap, Leading Edge, L.H.	1	
	42253-2		SKIN - Flap, Leading Edge, R.H.	1	
-2	42254-1		SKIN - Flap, Upper Surface, L.H.	1	
	42254-2		SKIN - Flap, Upper Surface, R.H.	1	
-3	42255-1		SKIN - Flap, Lower Surface, L.H.	1	
	42255-2		SKIN - Flap, Lower Surface, R.H.	1	
-4	42262-1		SKIN - Flap Step, L.H.	1	
	42262-2		SKIN - Flap Step, R.H.	1	
-5	42283-1		SKIN - Flap, Inboard Beaded, L.H.	1	
	42283-2		SKIN - Flap, Inboard Beaded, R.H.	1	
-6	42256-1		RIB - Flap, Inboard Aft, L.H.	2	
	42256-2		RIB - Flap, Inboard Aft, R.H.	2	
-7	42257-1		RIB - Flap, Outboard Aft, L.H.	1	
	42257-2		RIB - Flap, Outboard Aft, R.H.	1	
-8	42258-1		RIB - Flap, Leading Edge, L.H.	3	
	42258-2		RIB - Flap, Leading Edge, R.H.	3	
-9	42261-1		RIB - Flap, Leading Edge, L.H.	2	
	42261-2		RIB - Flap, Leading Edge, R.H.	2	
-10	42252-1		SPAR - Flap	2	
-11	42267-1		STIFFENER - Flap, T.E.	2	
-12	42285-1		BRACKET - Flap Actuator, L.H.	1	
	42285-2		BRACKET - Flap Actuator, R.H.	1	
-13	42233-1		BRACKET - Flap Hinge, L.H.	2	
	42233-2		BRACKET - Flap Hinge, R.H.	2	
-14	42233-3		BRACKET - Flap Hinge, L.H.	1	
	42233-4		BRACKET - Flap Hinge, R.H.	1	
	42003-1		AILERON ASSEMBLY, L.H.	1	
	42003-2		AILERON ASSEMBLY, R.H.	1	
-15	42245-1		SKIN - Aileron, L.H.	1	
	42245-2		SKIN - Aileron, R.H.	1	
-16	42243-1		SPAR - Aileron, L.H.	1	
	42243-2		SPAR - Aileron, R.H.	1	
-17	42246-3		RIB - Aileron, Root, L.H.	1	
	42246-4		RIB - Aileron, Root, R.H.	1	

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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
5-18	42247-1		RIB - Aileron, Tip, L.H.	1	One & Up
	42247-2		RIB - Aileron, Tip, R.H.	1	
-19	42249-3		HORN - Aileron, L.H.	1	
	42249-4		HORN - Aileron, R.H.	1	
-20	42251-1		HINGE ASSEMBLY - Aileron	4	
-21	42327-1		DOUBLER - Aileron Hinge	4	
-22	50026		BOLT (AN3-5A)	4	
-23	58740		WASHER (AN960-10)	8	
-24	A2167		NUT (MS20365-1032)	4	

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Section II

FUSELAGE GROUP

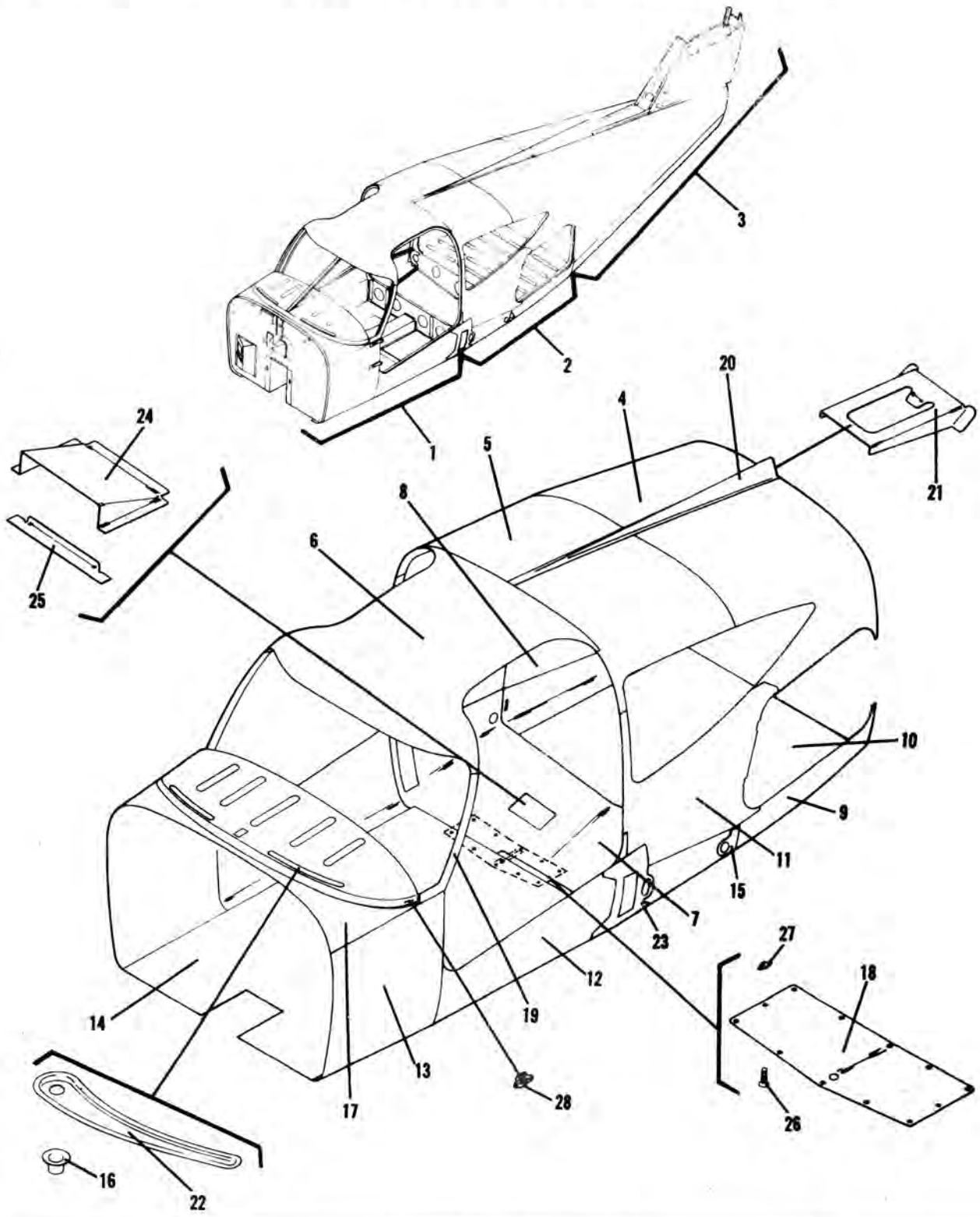


Figure 6. Complete Fuselage Assembly



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
6-1	43000-1		FUSELAGE ASSEMBLY COMPLETE	1	One & Up
	43001-1		FORWARD CABIN ASSEMBLY	1	
-2	43002-1		AFT CABIN ASSEMBLY	1	
-3	43003-1		AFT FUSELAGE ASSEMBLY	1	
-4	43210-1		SKIN - Cabtop, Sta. 148-178	1	
-5	43211-1		SKIN - Cabtop, Sta. 123-148	1	
-6	43212-1		SKIN - Cabtop, Sta. 123, Forward	1	
-7	43213-1		SKIN - Bottom, Sta. 123	1	
-8	43214-1		SKIN - R.H. Sta. 147-178	1	
-9	43215-1		SKIN - Bottom, L.H., Sta. 144-178	1	
	43215-2		SKIN - Bottom, R.H., Sta. 144-178	1	
-10	43215-3		SKIN - Bottom, Center, Sta. 144-178	1	
-11	43216-1		SKIN - Sta. 123-148, L.H.	1	
	43216-2		SKIN - Sta. 123-148, R.H.	1	
-12	43217-1		SKIN - Side, Sta. 84.25-123.75	1	
-13	43218-1		SKIN - Side, Sta. 62.38-85.00, L.H.	1	
	43218-2		SKIN - Side, Sta. 62.38-85.00, R.H.	1	
-14	43219-1		FLOOR - Sta. 62.50-123.90	1	
-15	43263-1		DOUBLER - Skin, Sta. 146	2	
-16	43389-1		TUBE - Defroster Inlet	2	
-17	43294-1		SKIN - Panel Top	1	
-18	43305-1		PANEL - Removable, Sta. 123.90	1	
-19	43353-1		SKIN - Windshield Post, L.H.	1	
	43353-2		SKIN - Windshield Post, R.H.	1	
-20	43362-1		DORSAL - Fairing, Forward	1	
-21	43365-1		DOUBLER - Dorsal Air Inlet	1	
-22	43388-1		DUCT - Defroster, L.H.	1	
	43388-2		DUCT - Defroster, R.H.	1	
-23	43399-1		DOUBLER - Skin Cutout, Sta. 119-130, L.H.	1	
	43399-2		DOUBLER - Skin Cutout, Sta. 119-130, R.H.	1	
-24	43472-1		VENT - Cabin Exhaust	1	
-25	43473-1		DOUBLER - Cabin Exhaust	1	
-26			SCREW (AN507-10R7)	12	
-27	65556		NUTPLATE (MS21059-08)	2	
-28	68022		NUTPLATE (NAS1068-A08)	28	

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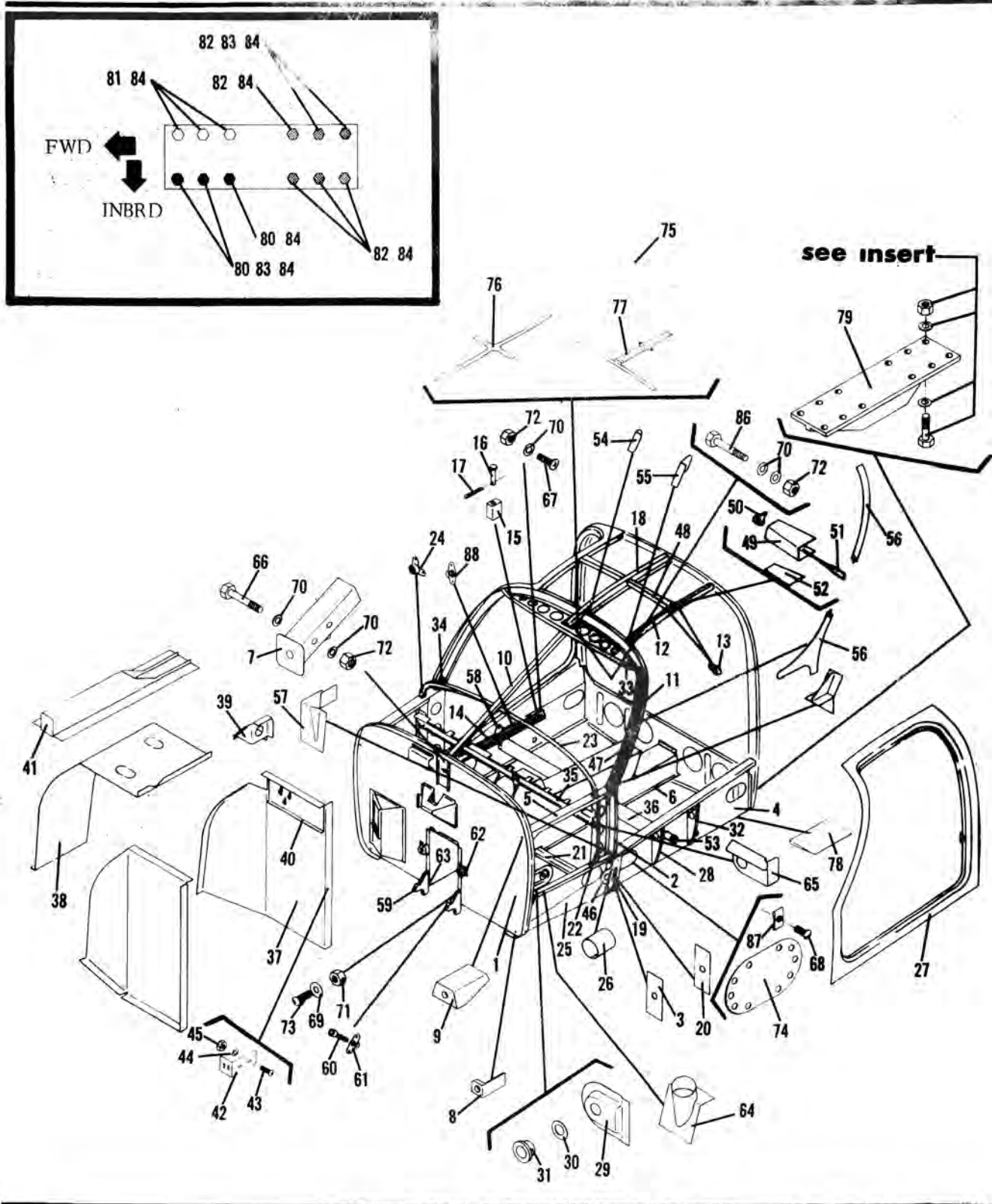


Figure 7. Forward Cabin Assembly



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
7-1	43001-1		FORWARD CABIN ASSEMBLY	1	One & Up
	43008-1		FIREWALL ASSEMBLY	1	
	43226-1		FRAME ASSEMBLY - Sta. 85, L.H.	1	
	43226-2		FRAME ASSEMBLY - Sta. 85, R.H.	1	
-2	43226-3		FRAME - Sta. 85, L.H.	1	
	43226-4		FRAME - Sta. 85, R.H.	1	
-3	43286-1		PLATE - Front Spar Attachment, Sta. 85	2	
-4	43227-1		BEAM - Door Threshold, L.H.	1	
	43227-2		BEAM - Door Threshold, R.H.	1	
-5	43228-1		INTERCOSTAL - Side, W.L. 58, L.H.	1	
	43228-2		INTERCOSTAL - Side, W.L. 58, R.H.	1	
-6	43232-1		CONSOLE TUNNEL ASSEMBLY	1	
-7	43234-1		FITTING ASSEMBLY - Engine Mount Attachment	1	
-8	43235-1		FITTING - Lower Mount Attachment	2	
-9	43238-1		FITTING - Engine Mount Attachment, L.H.	1	
	43238-2		FITTING - Engine Mount Attachment, R.H.	1	
-10	43243-1		POST - Windshield	1	
-11	43244-1		FRAME - Windshield Post, L.H.	1	
	43244-2		FRAME - Windshield Post, R.H.	1	
	43245-1		STIFFENER ASSEMBLY - Cabtop, L.H.	1	
	43245-2		STIFFENER ASSEMBLY - Cabtop, R.H.	1	
-12	43245-3		STIFFENER - Cabtop, L.H.	1	
	43245-4		STIFFENER - Cabtop, R.H.	1	
-13	65536		NUTPLATE (MS21051-L08)	4	
	43249-1		TRACK ASSEMBLY - Seat	1	
	43249-2		TRACK ASSEMBLY - Seat	1	
	43249-5		TRACK - Seat	1	
-14	43249-6		TRACK - Seat	1	
	43366-1		BLOCK - Seat Stop	4	
-16			CLEVIS PIN (MS20392-1C33)	2	
-17			COTTER PIN (MS24665-149)	2	
-18	43282-1		INTERCOSTAL - Cabtop	1	
	43285-1		FRAME ASSEMBLY - Sta. 85.90, L.H.	1	
-19	43285-2		FRAME ASSEMBLY - Sta. 85.90, R.H.	1	
	43285-3		FRAME - Sta. 85.90, L.H.	1	

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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
7-46	43326-1		DOUBLER - Sta. 85, 45	2	One & Up
-47	43332-1		RETAINER - Windshield, L. H.	1	
	43332-2		RETAINER - Windshield, R. H.	1	
-48	43354-1		FRAME - Cabin Door, Latch, L. H.	1	
	43354-2		FRAME - Cabin Door, Latch, R. H.	1	
	43355-1		CHANNEL ASSEMBLY - Cabin Door, Latch, L. H.	1	
	43355-2		CHANNEL ASSEMBLY - Cabin Door, Latch, R. H.	1	
-49	43355-3		CHANNEL - Cabin Door, Latch, L. H.	1	
	43355-4		CHANNEL - Cabin Door, Latch, R. H.	1	
-50	65554		NUTPLATE (MS21055-L3)	2	
-51	43356-1		LOOP ASSEMBLY - Cabin Door Latch	2	
-52	43357-1		SPACER - Cabin Door Latch	2	
-53	43392-1		TUBE	2	
-54	43395-1		CLIP - Intercostal, L. H.	1	
	43395-2		CLIP - Intercostal, R. H.	1	
-55	43424-1		CLIP - Stiffener, L. H.	1	
	43424-2		CLIP - Stiffener, R. H.	1	
-56	43412-1		DOUBLER - Door Post, L. H.	1	
	43412-2		DOUBLER - Door Post, R. H.	1	
-57	43466-1		BRACKET - Sta. 85, L. H.	1	
	43466-2		BRACKET - Sta. 85, R. H.	1	
-58	43482-1		BRACKET - Seat Belt Attachment	2	
	46180-1		MOUNT ASSEMBLY - Nose Gear Door	2	
-59	46168-1		MOUNT - Nose Gear Door	2	
-60	65776		SCREW (MS24673-4)	2	
-61	68008		NUTPLATE (NAS1029-A3)	4	
-62	47249-1		PULLEY SUPPORT - Nose Wheel Steering, L. H.	1	
	47249-2		PULLEY SUPPORT - Nose Wheel Steering, R. H.	1	
-63	47249-3		PULLEY SUPPORT - Nose Wheel Steering, L. H.	1	
	47249-4		PULLEY SUPPORT - Nose Wheel Steering, R. H.	1	
-64	48328-1		TAKEOFF ASSEMBLY - Cabin Heat	2	
-65	48817-1		SUPPORT BRACKET - Brake Control	1	
-66	50176		BOLT (AN3-13A)	2	
-67	56642		SCREW (AS525-1032-9)	16	
-68	56792		SCREW (AN526-832R4)	4	
-69	58718		WASHER (AN960-8)	12	
-70	58750		WASHER (AN960-10L)	16	
-71	65079		NUT (MS20365-832C)	6	
-72	A2167		NUT (MS20365-1032)	14	
-73	68085		SCREW (NAS220-8)	6	

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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
	43002-1		AFT CABIN ASSEMBLY	1	One & Up
8-1	43220-1		FRAME - Baggage Door	1	
-2	43223-1		FRAME - Cabtop, Sta. 123	1	
	43224-1		FRAME ASSEMBLY - Sta. 123	1	
-3	43224-3		FRAME, L.H.	1	
	43224-4		FRAME, R.H.	1	
-4	43266-1		FRAME - Rear Window, Sta. 123, L.H.	1	
	43266-2		FRAME - Rear Window, Sta. 123, R.H.	1	
-5	43277-1		PLATE - Frame, Sta. 123	1	
-6	65534		NUT PLATE (MS 21051 - L3)	4	
	43225-1		FRAME ASSEMBLY - Sta. 123.90	1	
-7	43225-3		FRAME - Sta. 123.90	1	
-8	43272-1		DOUBLER - Frame, Spar to Fuselage	2	
-9	43274-1		STIFFENER - Sta. 123.90, L.H.	1	
	43274-2		STIFFENER - Sta. 123.90, R.H.	1	
-10	43274-3		STIFFENER - Sta. 123.90, L.H.	1	
	43274-4		STIFFENER - Sta. 123.90, R.H.	1	
-11	43276-1		ANGLE - Floor Support, Sta. 123.90	1	
-12	43334-1		CLIP - Sta. 123.90, L.H.	1	
	43334-2		CLIP - Sta. 123.90, R.H.	1	
-13	43383-1		BRACKET - Seat Mount Rear	4	
-14	65556		ANCHOR NUT (MS 21059 - 08)	5	
	43230-1		FRAME ASSEMBLY - Sta. 126.90	1	
-15	43230-3		FRAME - Sta. 126.90	1	
-16	43272-1		DOUBLER - Frame, Spar to Fuselage	2	
-17	65556		ANCHOR NUT (MS 21059 - 08)	5	
-18	43494-1		GUSSET - Top F, Sta. 123.00	1	
-19	43240-1		FLOOR - Baggage Compartment	1	
-20	43254-5		STRINGER - Aft Cabin, Sta. 126.90 - 144.82	1	
	43254-6		STRINGER - Aft Cabin, Sta. 126.90 - 144.82	1	
	43256-1		FRAME ASSEMBLY - Forward Baggage Compartment	1	
-21	43256-3		FRAME - Forward Baggage Compartment	1	
-22	40123-1		ANGLE - Tabulated	1	
-23	43259-1		CLIP - Forward Baggage Frame, L.H.	1	

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SECTION II
Fuselage Group



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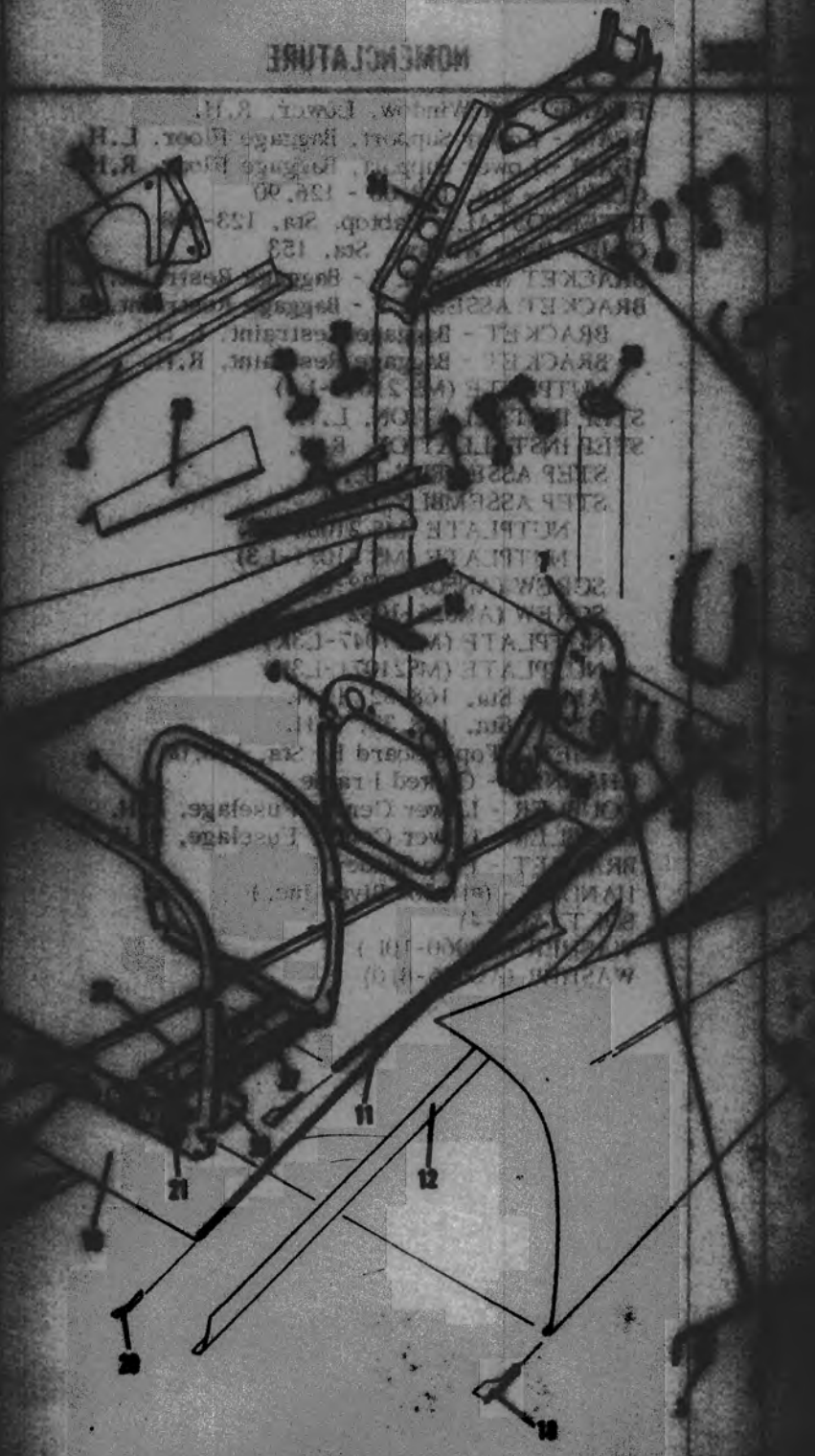
W-T CABIN ASSEMBLY

FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
8-42	43268-2		FRAME - Aft Window, Lower, R.H.	1	One & Up
-43	43299-1		BEAM - Lower Support, Baggage Floor, L.H.	1	
	43299-2		BEAM - Lower Support, Baggage Floor, R.H.	1	
-44	43306-1		GUSSET - Sta. 123.00 - 126.90	2	
-45	43307-1		INTERCOSTAL - Cabtop, Sta. 123-148	1	
-46	43393-1		CLIP - Rear Window, Sta. 153	2	
	43467-1		BRACKET ASSEMBLY - Baggage Restraint, L.H.	1	
	43467-2		BRACKET ASSEMBLY - Baggage Restraint, R.H.	1	
-47	43467-3		BRACKET - Baggage Restraint, L.H.	1	
	43467-4		BRACKET - Baggage Restraint, R.H.	1	
-48	65544		NUTPLATE (MS 21047-L4)	2	
	43475-1		STEP INSTALLATION, L.H.	1	
	43475-2		STEP INSTALLATION, R.H.	1	
-49	43454-1		STEP ASSEMBLY, L.H.	1	
	43454-2		STEP ASSEMBLY, R.H.	1	
-50	65554		NUTPLATE (MS 21055-L3)	4	
-51	65570		NUTPLATE (MS 21071-L3)	4	
-52	56619		SCREW (AN507-1032-6)	4	
-53	56847		SCREW (AN526-1032-7)	20	
-54	65543		NUTPLATE (MS21047-L3K)	10	
-55			NUTPLATE (MS21071-L3K)	6	
-56	43481-1		FRAME - Sta. 168.32, L.H.	1	
	43481-2		FRAME - Sta. 168.32, R.H.	1	
-57	43495-1		GUSSET - Top Inboard F. Sta. 123.00	1	
-58	43497-1		CHANNEL - Canted Frame	1	
-59	43499-1		DOUBLER - Lower Center Fuselage, L.H.	1	
	43499-2		DOUBLER - Lower Center Fuselage, R.H.	1	
-60	43445-1		BRACKET - Flap Sender	1	
-61			HANDLE - (#11-505 Bivar Inc.)	2	
-62			BOIT (ANS-4)	4	
-63			WASHER (AN960-101)	4	
-64			WASHER (AN936-B10)	4	

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MANUFACTURE



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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
	43003-1		AFT FUSELAGE ASSEMBLY	1	One & Up
9-1	40116-1		BOLT - Stop	2	
-2	54548		NUT (AN315-3)	2	
-3	65546		NUTPLATE (MS21047-3)	2	
-4	43201-1		FRAME - Sta. 178	1	
-5	43202-1		FRAME - Sta. 205	1	
-6	43205-1		FRAME - Sta. 230.50	1	
-7	43206-1		BULKHEAD - Canted, Sta. 263	1	
-8	43207-1		SKIN - Tailcone, L.H.	1	
-9	43208-1		SKIN - Tailcone, R.H.	1	
-10	43209-1		SKIN - Lower	1	
-11	43250-1		STRINGER, L.H.	1	
	43250-2		STRINGER, R.H.	1	
-12	43251-1		SKIN - Lower Corner, L.H.	1	
	43251-2		SKIN - Lower Corner, R.H.	1	
-13	43252-1		DOUBLER - Fin Cutout	1	
-14	43253-1		BUTT STRAP, L.H.	1	
	43253-2		BUTT STRAP, R.H.	1	
-15	43270-1		GUSSET - Rudder Horn Support	1	
	43271-1		BEARING ASSEMBLY - Support Block	1	
-16	43271-3		BLOCK - Bearing Support	1	
-17	60184		BEARING (Bound Brook #F316G)	1	
-18	43275-1		SPLICE - Tailcone, L.H.	2	
	43275-2		SPLICE - Tailcone, R.H.	2	
-19	43278-1		STIFFENER - Frame Sta. 230.50	1	
-20	43283-1		SPLICE - Tailcone B.L. 18.99, L.H.	1	
	43283-2		SPLICE - Tailcone B.L. 18.99, R.H.	1	
-21	43284-1		CLIP - Floor Beam Sta. 178	2	
-22	43308-1		BRACKET - Pulley, Sta. 230.50	1	
-23	43361-1		DORSAL - Fairing, Center	1	
	43363-1		ANGLE ASSEMBLY - Dorsal Attachment, L.H.	1	
	43363-2		ANGLE ASSEMBLY - Dorsal Attachment, R.H.	1	
-24	43363-3		ANGLE - Dorsal Attachment, L.H.	1	
	43363-4		ANGLE - Dorsal Attachment, R.H.	1	

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TERMINOLOGY

- NUTPLATE (MS21047-108K)
- NUTPLATE (MS21051-08K)
- EQUIPMENT SHELF
 - SUPPORT - Equipment Shelf, Sta. 178 - 205,
L.H.
 - SUPPORT - Equipment Shelf, Sta. 178 - 205,
R.H.
 - SHELF - Equipment, Power Pack
 - PLATFORM - Battery Cradle
- DOUBLER - Tailcone, Sta. 265, 58
- DOUBLER - Ventral Fin
- TIE DOWN ASSEMBLY
- VENTRAL FIN
- LOWER FIN ASSEMBLY
 - BOLT (AN4-4A)
 - BOLT (AN5-5A)
 - WASHER (AN960-416)
 - WASHER (AN960-516)
 - NUT (MS20365-428)
 - NUT (MS20365-524)
- BRACKET - Sta. 263
- BRACKET - Pulley, Sta. 179, 98, L.H.
- BRACKET - Pulley, Sta. 179, 98, R.H.
- BRACKET - Sta. 263
- BRACKET - Pulley, Sta. 232, 70, L.H.
- BRACKET - Pulley, Sta. 232, 70, R.H.



Aero Commander Division
North American Rockwell

FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
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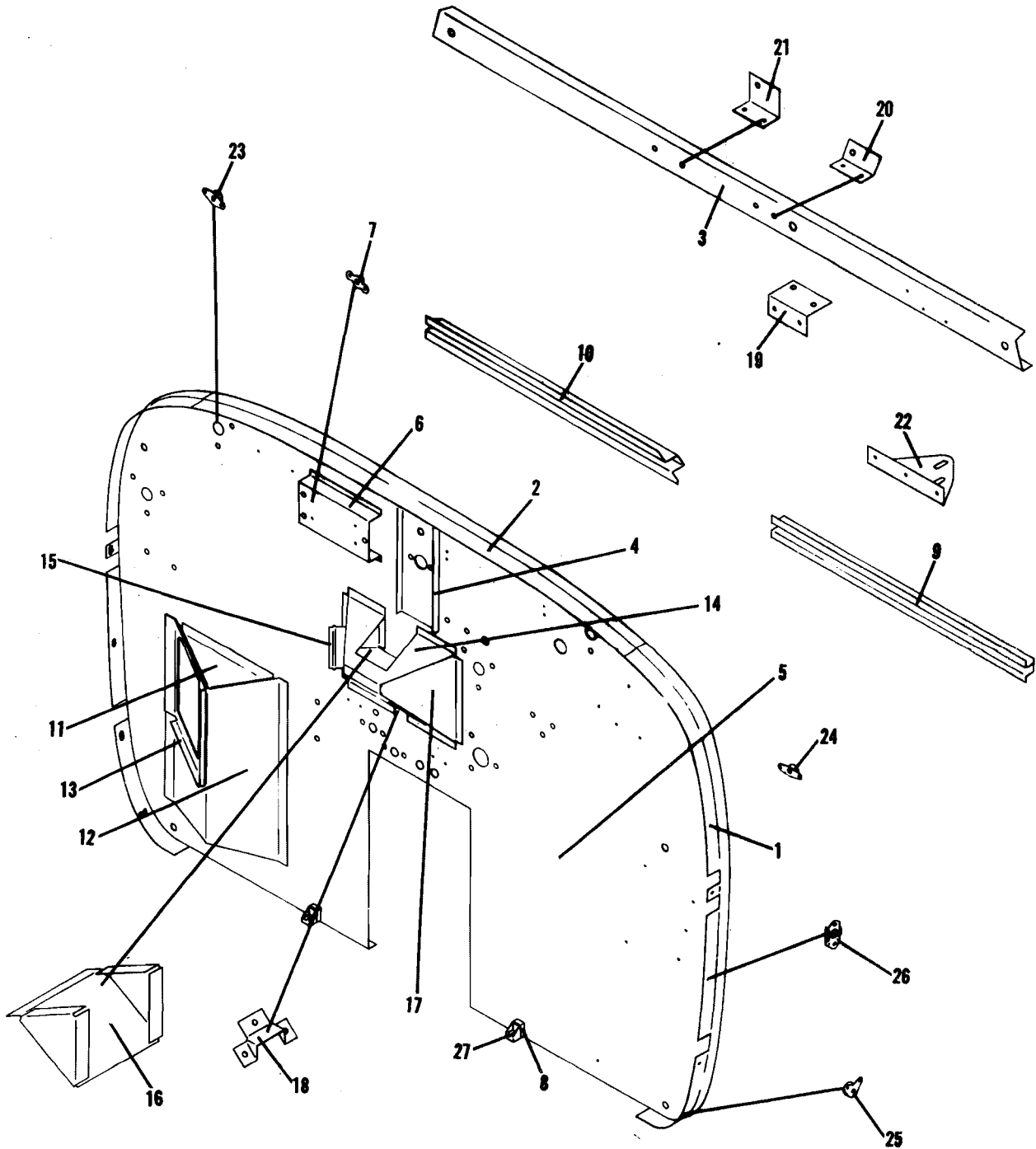


Figure 10. Firewall Assembly



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
	43008-1		FIREWALL ASSEMBLY	1	One & Up
10-1	43204-1		STRAP - Firewall, L.H.	1	
	43204-2		STRAP - Firewall, R.H.	1	
-2	43204-3		STRAP - Firewall, Center	1	
-3	43291-1		CHANNEL - Firewall	1	
-4	43295-1		DOUBLER - Mount Attachment	1	
-5	43377-1		FIREWALL WEB	1	
	43415-1		BRACKET ASSEMBLY - Voltage Regulator	1	
-6	43417-1		BRACKET - Voltage Regulator	1	
-7	59472		NUTPLATE (K1000-08BC)	4	
-8	46169-1		SPACER	2	
-9	46183-1		STIFFENER - Firewall, L.H.	1	
-10	46184-1		STIFFENER - Firewall, R.H.	1	
	46191-1		BRACKET ASSEMBLY - Oil Cooler	1	
-11	46192-1		BRACKET - Oil Cooler	1	
-12	46193-1		DUCT - Oil Cooler	1	
-13	46195-1		DOUBLER - Oil Cooler	1	
	48303-1		BOX ASSEMBLY - Cabin Heat	1	
-14	48306-1		COVER - Cabin Heat Box	1	
-15	48307-1		TAKEOFF ASSEMBLY - Cabin Heat Box	1	
-16	48311-1		VENT - Cabin Heat Box	1	
-17	48312-1		CLOSURE - Cabin Heat Box	1	
-18	48314-1		BRACKET - Cabin Heat Box	1	
-19	48321-1		BRACKET - Control Cable	2	
-20	48326-1		BRACKET - Control Cable	1	
-21	48327-1		BRACKET - Control Cable	1	
-22	48815-1		MOUNTING BRACKET - Parking Brake Valve	1	
-23	65541		NUTPLATE (MS21047-L3)	18	
-24	65547		NUTPLATE (MS21047-L08)	5	
-25	65554		NUTPLATE (MS21055-L3)	2	
-26	65566		NUTPLATE (MS21059-L3)	6	
-27	68004		NUTPLATE (NAS1033-A3)	2	

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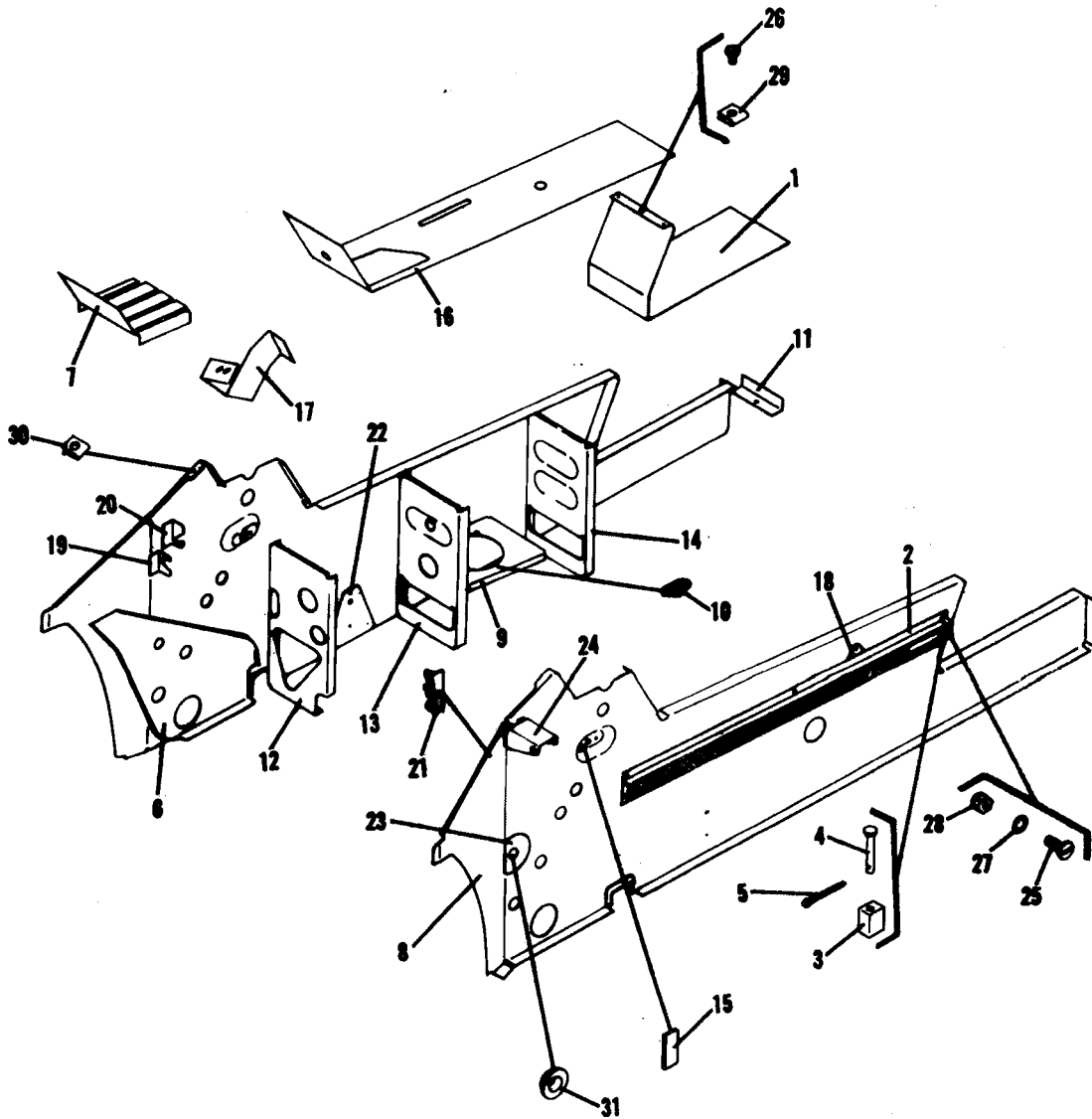


Figure 11. Console Tunnel Assembly



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
11-1	43232-1		CONSOLE TUNNEL ASSEMBLY	1	One & Up
	43231-3		COVER - Console, Aft	1	
	43249-1		TRACK ASSEMBLY - Seat, L.H.	1	
	43249-2		TRACK ASSEMBLY - Seat, R.H.	1	
-2	43249-3		TRACK - Seat, L.H.	1	
	43249-4		TRACK - Seat, R.H.	1	
-3	43366-1		BLOCK - Seat, Stop	4	
-4			CLEVIS PIN (MS20392-1C33)	4	
-5			COTTER PIN (MS24665-149)	4	
-6	43318-1		YOKE SUPPORT - Console, L.H.	1	
	43318-2		YOKE SUPPORT - Console, R.H.	1	
-7	43319-1		COVER - Console Top, Forward	1	
-8	43320-1		PANEL - Console Side, L.H.	1	
	43320-2		PANEL - Console Side, R.H.	1	
	43321-1		SUPPORT ASSEMBLY - Fuel Selector	1	
-9	43321-3		SUPPORT - Fuel Selector	1	
-10	68007		NUTPLATE (NAS1068A3)	3	
-11	43322-3		BRACKET - Tunnel, Sta. 123, 86	1	
-12	43373-1		FRAME - Console, Sta. 85, 90	1	
-13	43374-1		FRAME - Console, Sta. 96, 549	1	
-14	43375-1		FRAME - Console, Sta. 107, 198	1	
-15	43398-1		PLATE - Quadrant Stop	1	
	43462-1		COVER ASSEMBLY - Console	1	
-16	43233-1		COVER - Console Top, Center	1	
-17	43461-1		BRACKET - Throttle Switch Mounting	1	
-18	43482-1		BRACKET - Seat Belt Attachment	2	
-19	46128-1		BRACKET - Prop Control	1	
-20	46129-1		BRACKET - Mixture Control	1	
-21	46130-1		BRACKET - Carb. Heat & Throttle Control	1	
-22	47223-1		DOUBLER - Sta. 92 - 67	2	
-23	47306-1		PLATE - Mounting, Yoke	2	
-24	47404-1		BRACKET - Support, Rudder Trim Adjust	1	
-25	56642		SCREW (AN525-1032-9)	14	
-26	56608		SCREW (AN526-632-4)	41	
-27	58750		WASHER (AN960-10L)	12	
-28	A2167		NUT (MS20365-1032)	12	
-29	59466		NUT (C8090-632, Tinnerman)	41	
-30	59483		NUT (C9807-832, Tinnerman)	4	
-31	60173		BEARING (F379C, Bound Brook Bearing)	2	

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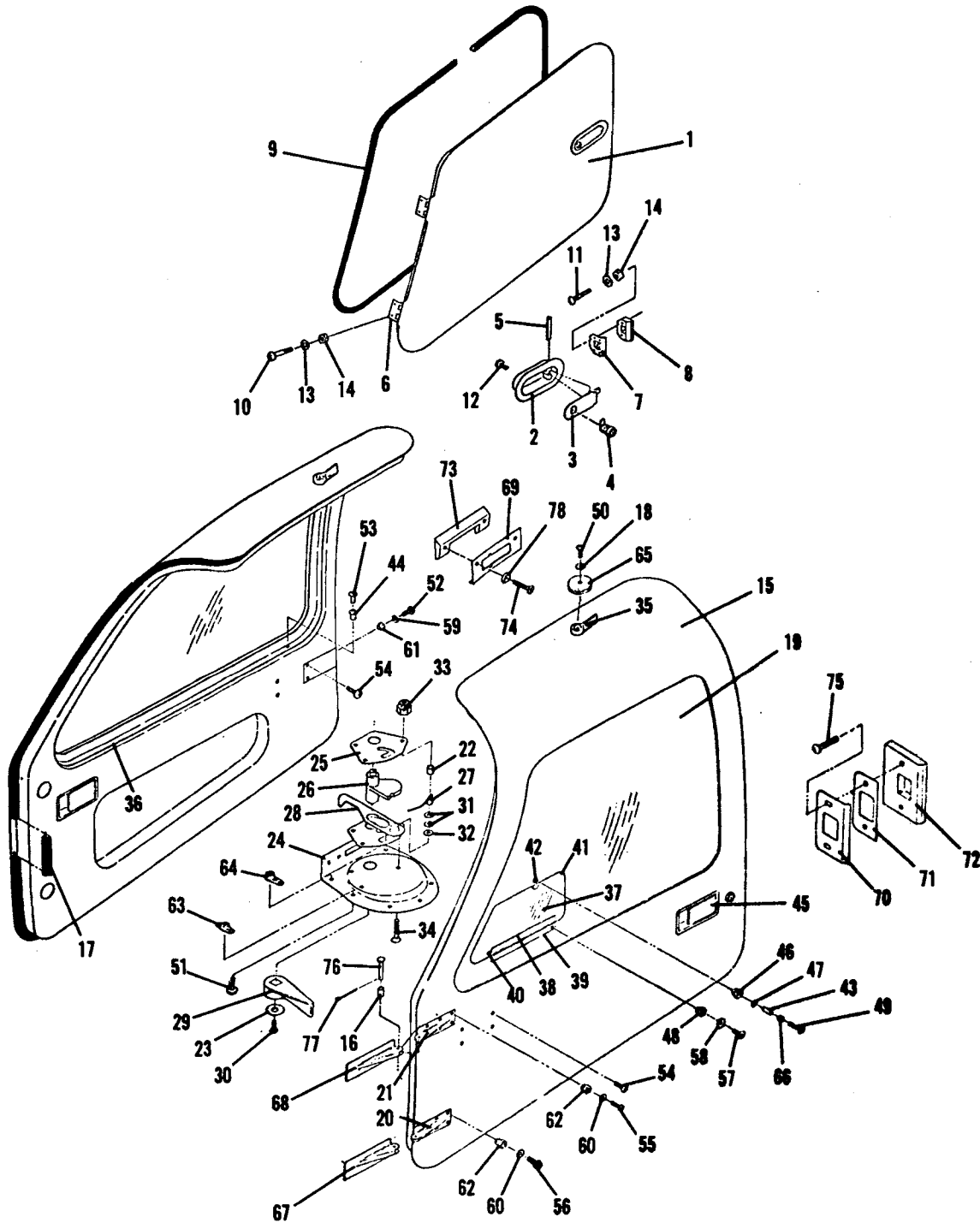


Figure 12. Baggage Door and Cabin Door



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
12-1	43010		DRAWING - Baggage Door Installation		One & Up
	43005-1		DOOR ASSEMBLY - Baggage	1	
	43349-1		LATCH ASSEMBLY - Baggage Door	1	
	-2	43350-1	HOUSING - Baggage Door Latch	1	
	-3	43352-1	LEVER - Baggage Door Latch	1	
	-4		LOCK (H82A4N, Hurd Lock Co.)	1	
	-5		ROLL PIN (52-022-094-1750, Esna)	1	
	-6	43450-1	HINGE ASSEMBLY - Baggage Door	2	
	-7	43452-1	STRIKER PLATE - Baggage Door	1	
	-8	43453-1	SPACER - Striker Plate, Baggage Door	1	
	-9	43463-1	SEAL - Baggage Door	1	
	-10	56641	SCREW (AN525-832 R7)	4	
	-11	56637	SCREW (AN525-832 R12)	2	
	-12	56836	SCREW (AN526-832 R7)	4	
-13	58730	WASHER (AN960D8)	10		
-14	65073	NUT (MS20365D832)	6		
	43004		DRAWING - Cabin Door Installation	-	
	43004-1		DOOR ASSEMBLY - Cabin (complete), L.H.	1	
	43004-2		DOOR ASSEMBLY - Cabin (complete), R.H.	1	
-15			DOOR ASSEMBLY - Cabin, L.H.	1	
			DOOR ASSEMBLY - Cabin, R.H.	1	
-16	40111-41		SPACER	4	
-17	40112-1		SEAL - Cabin Door	2	
-18	40117-1		WASHER - Upper Door Latch	2	
-19	43246-1		WINDOW - Cabin Door, L.H.	1	
	43246-2		WINDOW - Cabin Door, R.H.	1	
-20	43344-1		HINGE - Aft Cabin Door	2	
-21	43344-3		HINGE - Aft, Cabin Door	2	
	43347-1		LATCH ASSEMBLY - Upper Cabin Door, L.H.	1	
	43347-2		LATCH ASSEMBLY - Upper Cabin Door, R.H.	1	
-22	40111-9		SPACER	6	
-23	40117-1		WASHER - Upper Door Latch	2	
-24	43342-1		RETAINER - Cabin Door Latch, L.H.	1	
	43342-2		RETAINER - Cabin Door Latch, R.H.	1	
-25	43403-1		PLATE - Upper Door Latch	4	
-26	43404-1		CAM - Upper Door Latch, L.H.	1	
	43404-2		CAM - Upper Door Latch, R.H.	1	

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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
12-27	43405-1		SPRING - Upper Door Latch, L.H.	1	One & Up
	43405-2		SPRING - Upper Door Latch, R.H.	1	
-28	43406-1		HOOK ASSEMBLY - Upper Door Latch, L.H.	1	
	43406-2		HOOK ASSEMBLY - Upper Door Latch, R.H.	1	
-29	43409-1		HANDLE - Upper Door Latch	2	
-30	56929		SCREW (AN530-6R10)	2	
-31	58760		WASHER (AN960-416)	4	
-32	58770		WASHER (AN960-416L)	2	
-33	A2167		NUT (MS20365-1032)	6	
-34	65772		SCREW (MS24693-276)	6	
-35	43409-1		HANDLE - Upper Door Latch	2	
-36	43459-1		RETAINER - Window Cabin Door, L.H.	1	
	43459-2		RETAINER - Window, Cabin Door, R.H.	1	
	43487-1		PILOT WINDOW ASSEMBLY	1	
-37	43485-1		PILOT WINDOW	1	
	43486-1		HINGE ASSEMBLY - Pilot Window	1	
-38	43486-3		HINGE HALF - Pilot Window	1	
-39	43486-5		HINGE HALF - Pilot Window	1	
-40	65027		PIN (MS20253 P2-750)	1	
-41	43489-1		SEAL - Pilot Window	1	
-42	43488-1		LATCH - Pilot Window	1	
-43	40111-71		BUSHING	1	
-44	59497		WELL-NUT (B-832 Molly Co.)	24	
-45	61542		HANDLE ASSEMBLY (A-847-B Gerdes Products Co.)	2	
-46	59524		CAP NUT (4-40)	1	
-47			WASHER (U125-0040 Associated Spring Corp.)	1	
-48	59533		CAP NUT (CL CE 063-2-5)	5	
-49			SCREW (AN507C440-10)	1	
-50			SCREW (AN507C632-5)	5	
-51	59640		SCREW (AN509-832R8)	20	
-52			SCREW (AN509-8R10)	4	
-53	56644		SCREW (AN525-832R9)	20	
-54	59687		SCREW (AN525-10R6)	12	
-55			SCREW (AN525-10R8)	12	
-56	56645		SCREW (AN525-10R9)	12	
-57	56929		SCREW (AN530-6R10)	2	
-58	58722		WASHER (AN960-6L)	5	
-59	58718		WASHER (AN960-8)	4	

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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
12-60	58750		WASHER (AN960-10L)	24	One & Up
-61	65079		NUT (MS20365-832)	4	
-62	A2167		NUT (MS20365-1032)	24	
-63	65547		NUTPLATE (MS21047-L08)	16	
-64	65536		NUTPLATE (MS21051-L08)	4	
-65			GROMMET (MS35489-15)	2	
-66			BUSHING (NAS 43DD0-15)	1	
-67	43343-1		HINGE - Forward, Cabin Door	2	
-68	43343-3		HINGE - Forward, Cabin Door	2	
-69	43358-1		COVER - Cabin Door Latch, L.H.	1	
	43358-2		COVER - Cabin Door Latch, R.H.	1	
-70	43345-1		STRIKER PLATE - Cabin Door Latch	2	
-71	43346-1		SPACER - Cabin Door Handle	2	
-72	43470-1		PLATE - Adjust. Cabin Door Handle	2	
-73	43480-1		SPACER - Door Latch	2	
-74	59632		SCREW (AN507-832R12)	4	
-75	56646		SCREW (AN525-10R14)	4	
-76			PIN (MS20392-245)	4	
-77	A2327		COTTER PIN (MS24655-132)	4	
-78	65842		FINISHING WASHER (MS27129-8)	4	

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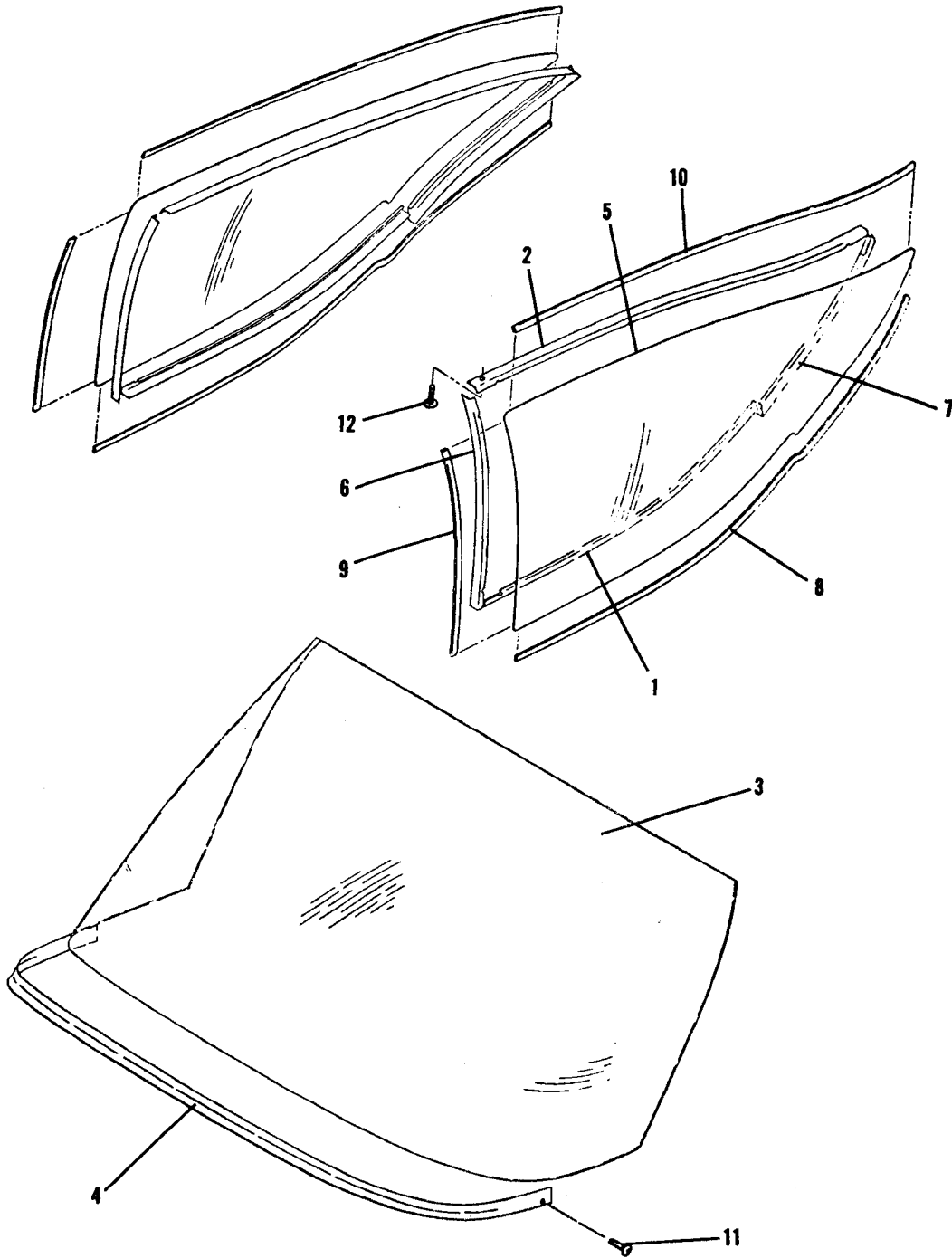


Figure 13. Windows and Windshield Installation



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
	43007		DRAWING - Window Installation		One & Up
	43009		DRAWING - Windshield Installation		
13-1	43221-1		RETAINER - Rear Window, Lower, L.H.	1	
	43221-2		RETAINER - Rear Window, Lower, R.H.	1	
-2	43222-1		RETAINER - Rear Window, Upper, L.H.	1	
	43222-2		RETAINER - Rear Window, Upper, R.H.	1	
-3	43241-1		WINDSHIELD	1	
-4	43242-1		RETAINER - Windshield, Bottom	1	
-5	43247-1		WINDOW - Aft Cabin, L.H.	1	
	43247-2		WINDOW - Aft Cabin, R.H.	1	
-6	43269-1		RETAINER - Rear Window, F. Sta. 123, L.H.	1	
	43269-2		RETAINER - Rear Window, F. Sta. 123, R.H.	1	
-7	43315-1		RETAINER - Rear Window, F. Sta. 153.50 to 167.00, L.H.	1	
	43315-2		RETAINER - Rear Window, F. Sta. 153.50 to 167.00, R.H.	1	
-8	43348-1		SEAL - Rear Window	2	
-9	43348-3		SEAL - Rear Window	2	
-10	43348-5		SEAL - Rear Window	2	
-11	59627		SCREW (AN525-8-7)	28	
-12	65739		SCREW (MS24625-30)	82	

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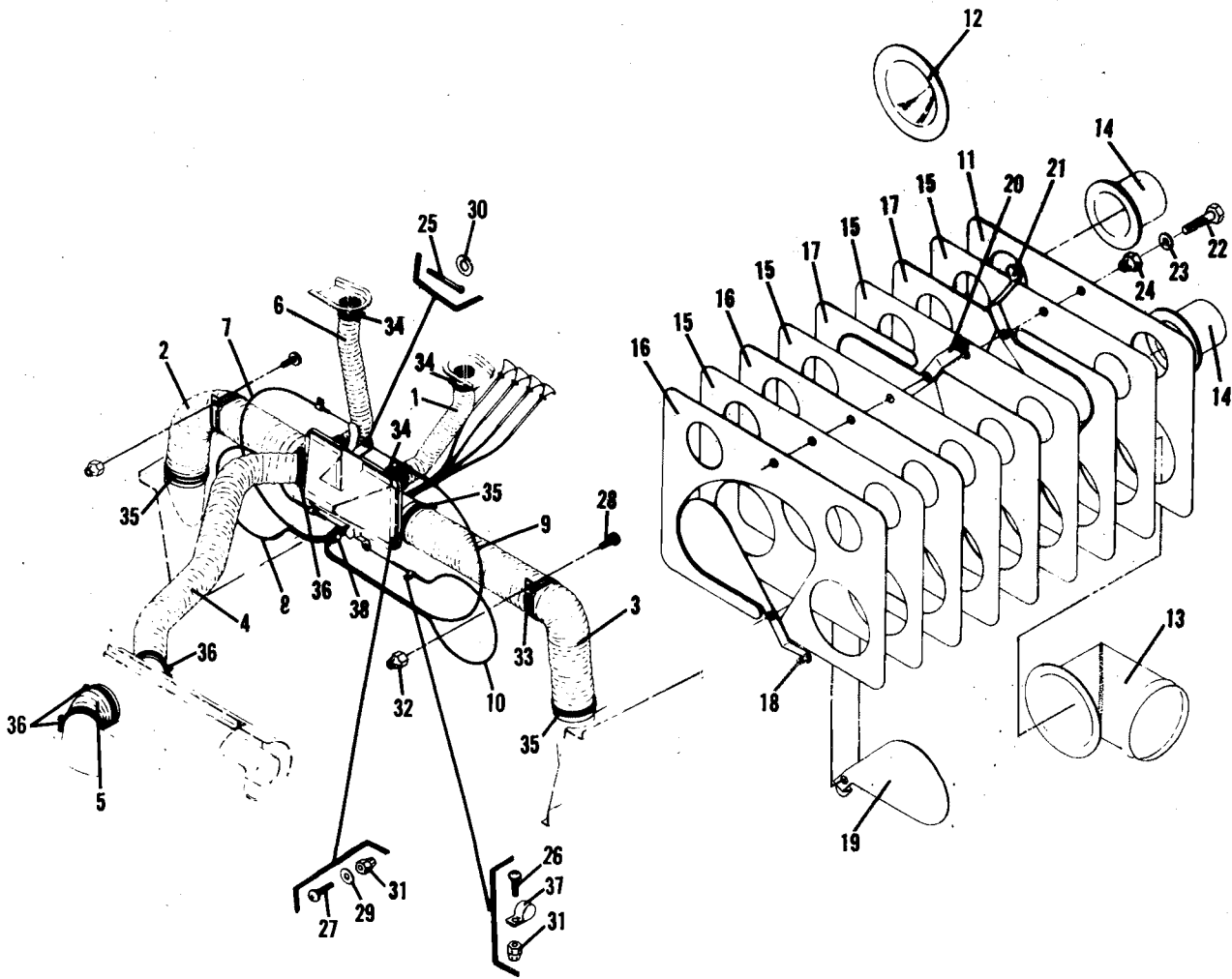


Figure 14. Heating and Defroster System Installation



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
	48301		DRAWING - Heater and Defroster System Installation		One & Up
14-1	46050-5		AIR DUCT - Tabulated	1	
-2	46050-7		AIR DUCT - Tabulated	1	
-3	46050-9		AIR DUCT - Tabulated	1	
-4	46050-11		AIR DUCT - Tabulated	1	
-5	46050-13		AIR DUCT - Tabulated	1	
-6	46050-15		AIR DUCT - Tabulated	1	
-7	46148-1		CONTROL - Push Pull, Head Type, Tabulated	1	
-8	46148-3		CONTROL - Push Pull, Head Type, Tabulated	1	
-9	46148-5		CONTROL - Push Pull, Head Type, Tabulated	1	
-10	46148-7		CONTROL - Push Pull, Head Type, Tabulated	1	
	48305-1		VALVE ASSEMBLY - Cabin Heat and Defroster	1	
	48304-1		TAKEOFF ASSEMBLY - Cabin Heat and Defroster	1	
-11	48313-1		PLATE - Takeoff, Cabin Heat and Defroster	1	
-12	48316-1		REFLECTOR - Exhaust Air	1	
-13	48331-1		TUBE - Flanged	2	
-14	43389-1		TUBE - Flanged	2	
-15	48308-1		SEPARATOR - Cabin Heat and Defroster Valve	4	
-16	48309-1		BAFFLE - Cabin Heat Valve	2	
-17	48310-1		BAFFLE - Defroster Valve	2	
-18	48322-1		GATE ASSEMBLY - Cabin Heat, Right Side	1	
-19	48323-1		GATE ASSEMBLY - Cabin Heat, Left Side	1	
-20	48324-1		GATE ASSEMBLY - Defroster, Right Side	1	
-21	48325-1		GATE ASSEMBLY - Defroster, Left Side	1	
-22	50050		BOLT (AN3-6)	2	
-23	58740		WASHER (AN960-10)	2	
-24	65076		NUT (MS20365-1032C)	2	
-25	55700		COTTER PIN (AN380-2-3)	4	
-26	56834		SCREW (AN526-832R6)	4	
-27	A1138		SCREW (AN526-832R12)	12	
-28	56852		SCREW (AN526-1032R6)	2	
-29	58719		WASHER (AN960-8L)	12	
-30	58740		WASHER (AN960-10)	4	
-31	65079		NUT (MS20365-832C)	16	
-32	65076		NUT (MS20365-1032C)	2	
-33	65722		CLAMP (MS21918 DG40)	2	
-34	60784		CLAMP (102116, Murray Corp.)	4	
-35	60783		CLAMP (102218, Murray Corp.)	4	
-36	60782		CLAMP (102300, Murray Corp.)	4	
-37			CLAMP (A2980A-3-27, Tinnerman Products Co.)	4	
-38			CLAMP (A4980A-8-92, Tinnerman Products Co.)	1	

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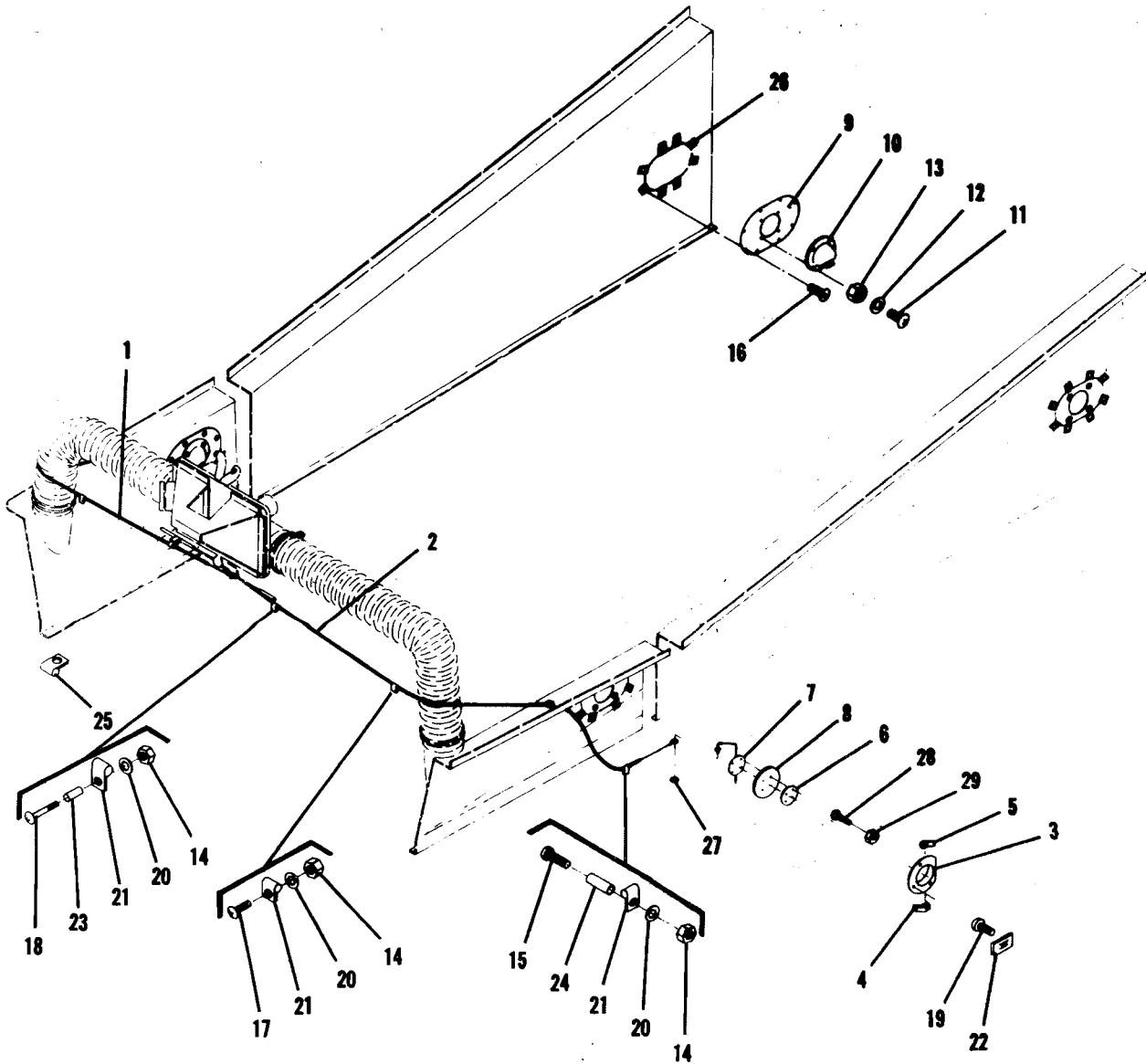


Figure 15. Fresh Air Vent Installation



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
15-1	48301		DRAWING - Heating and Ventilation Installation		One & Up
-2	48417-1		CABLE - Control, Cabin Air	1	
	48417-3		CABLE - Control, Cabin Air	1	
	48421-1		VALVE ASSEMBLY - Cabin Air, L.H.	1	
	48421-2		VALVE ASSEMBLY - Cabin Air, R.H.	1	
-3	48420-1		PLATE ASSEMBLY - Cabin Air, L.H.	1	
	48420-2		PLATE ASSEMBLY - Cabin Air, R.H.	1	
-4	48425-1		BRACKET - Cabin Air, L.H.	1	
	48425-2		BRACKET - Cabin Air, R.H.	1	
-5	48426-1		BRACKET - Cabin Air, L.H.	1	
	48426-2		BRACKET - Cabin Air, R.H.	1	
	48428-1		LEVER ASSEMBLY - Cabin Air, L.H.	1	
	48428-2		LEVER ASSEMBLY - Cabin Air, R.H.	1	
-6	48423-1		PLATE - Cabin Air, L.H.	1	
	48423-2		PLATE - Cabin Air, R.H.	1	
-7	48424-1		LEVER - Cabin Air, L.H.	1	
	48424-2		LEVER - Cabin Air, R.H.	1	
-8	48429-1		PAD - Cabin Air	2	
	48415-1		COVER ASSEMBLY - Cabin Air	4	
-9	43474-3		COVER - Cabin Duct	4	
-10			VENT VALVE(#2150 Wemas Designers & Manufactures)	4	
-11	56643		SCREW(AN520-10-7)	16	
-12	58750		WASHER (AN960-10L)	16	
-13	A2167		NUT(AN520365-1032)	16	
-14	A0398		NUT(AN365-832)	5	
-15			SCREW(AN507-832-16)	2	
-16	56812		SCREW(AN526-832-4)	32	
-17	56834		SCREW(AN526-832R6)	2	
-18	56838		SCREW(AN526-832R8)	1	
-19	A1113		SCREW(AN526-832-10)	6	
-20	58718		WASHER(AN960-8)	5	
-21			CLAMP(MS21919H3)	5	
-22	68232		NUT(NAS395-10)	6	
-23			SPACER(NAS1057T1-020)	1	
-24			SPACER(NAS1057T1-055)	2	
-25			CLAMP(A-2980-3-27 Tinnerman)	1	
-26			NUT(C9607-832 Tinnerman)	32	
-27			FASTENER(C10608-0-7 Tinnerman)	2	
-28			SCREW (AN515-4-10)	8	
-29			NUT (AN340-4)	8	

When Ordering, Always Specify Part Number, Nomenclature
And Serial Number of Aircraft.

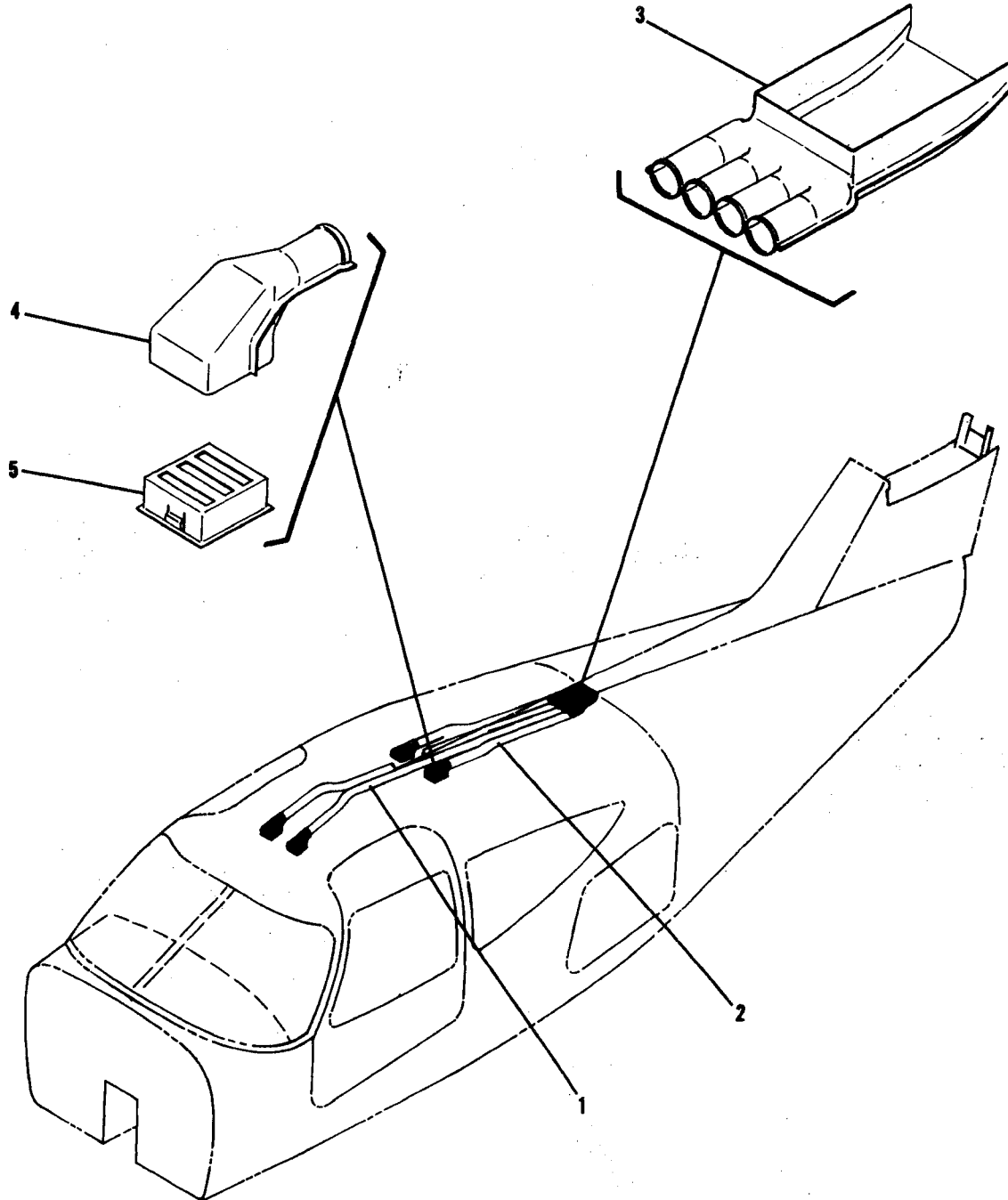


Figure 16. Overhead Vent System Installation



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
16-1	48440		DRAWING - Overhead Vent System Installation	2	One & Up
-2	48441-1		TUBE, Fwd	2	
-3	48441-3		TUBE, Aft	1	
-4	48443-1		DIRECTOR - Vent System	4	
-5	48442-1		CAP - Vent System	4	
	63897		AIR VALVE (#10-0549-1, Grimes Mfg. Co.)	4	

When Ordering, Always Specify Part Number, Nomenclature
And Serial Number of Aircraft.

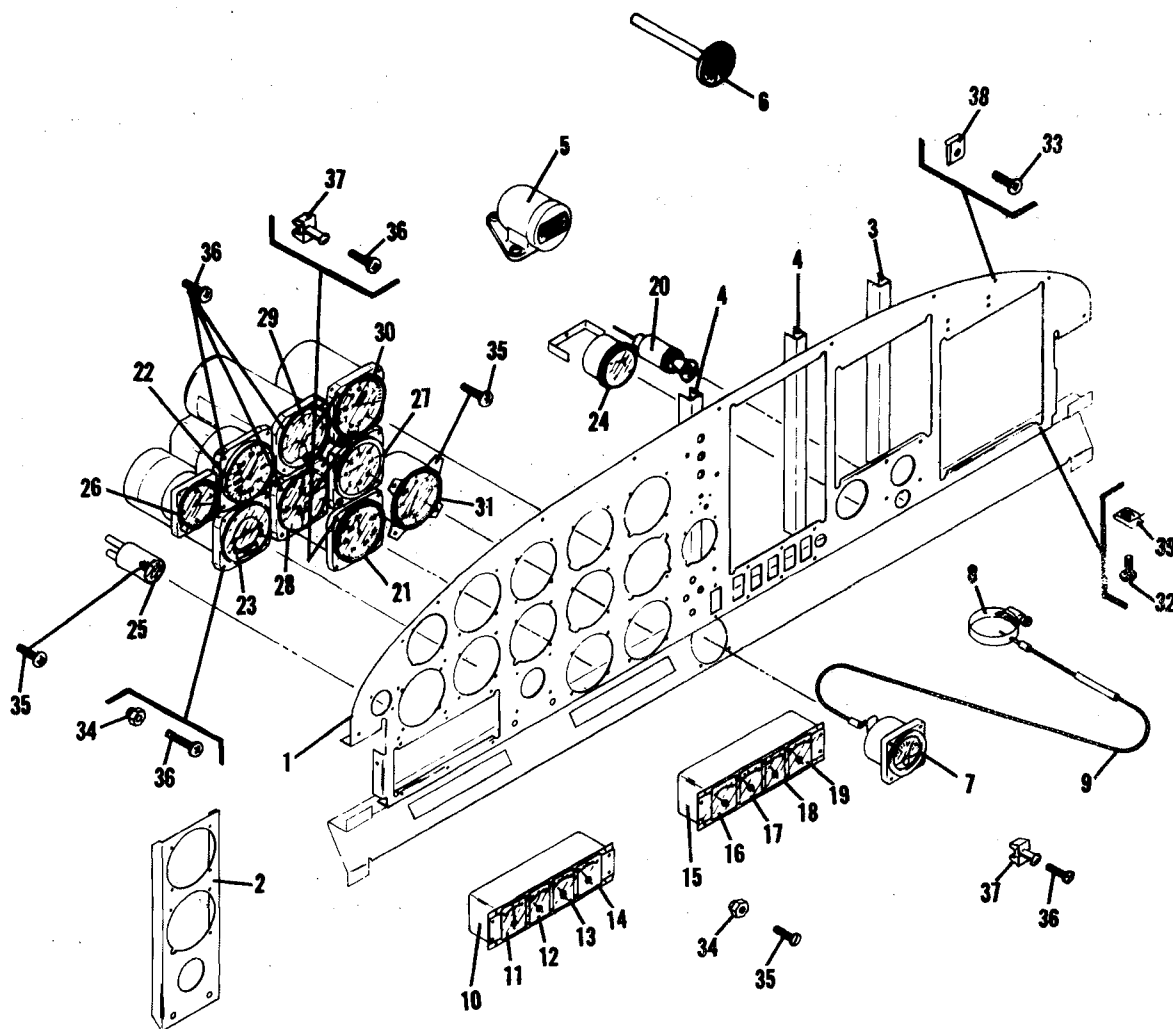


Figure 17. Instrument Panel Installation



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
	48013		DRAWING - Instrument Installation Main Panel		One & Up
	48014		DRAWING - Instrument Installation Sub Panel		
	43229-1		PANEL ASSEMBLY - Instrument	1	
17-1	43335-1		INSTRUMENT PANEL	1	
-2	43369-1		STIFFENER - Instrument Panel	1	
-3	43370-1		CHANNEL - Instrument Panel	1	
-4	43370-3		CHANNEL - Instrument Panel	2	
-5			COMPASS (#C2400LP4 Airpath Inc.)	1	
-6			OUTSIDE AIR TEMPERATURE GAUGE (#1592-26 Rochester Gauges Inc.)	1	
			EXHAUST GAS TEMPERATURE GAUGE (#35/225 Alcor Aviation Inc.)	1	
-7			INDICATOR (#210-10A Alcor Aviation Inc.)	1	
-8			PROBE (#MC1-A106-A36 Alcor Aviation Inc.)	1	
-9			LEAD (#MC1-A106-75 Alcor Aviation Inc.)	1	
-10			GAUGE CLUSTER (#Q-10188 Stewart Warner Corp.)	1	
-11			AMP METER (#Q-10188-CC Stewart Warner Corp.)	1	
-12			VOLT METER (#Q-10188-DD Stewart Warner Corp.)	1	
-13			LEFT FUEL TANK GAUGE (#Q-10188-AA Stewart Warner Corp.)	1	
-14			RIGHT FUEL TANK GAUGE (#Q-10188-BB Stewart Warner Corp.)	1	
-15			GAUGE CLUSTER (#Q-10189 Stewart Warner Corp.)	1	
-16			CYLINDER HEAD TEMPERATURE GAUGE (Q-10189-2 Stewart Warner Corp.)	1	
-17			OIL PRESSURE GAUGE (Q-10189-2 Stewart Warner Corp.)	1	
-18			OIL TEMPERATURE GAUGE (Q-10189-3 Stewart Warner Corp.)	1	
-19			FUEL PRESSURE GAUGE (Q-10189-4 Stewart Warner Corp.)	1	
-20			CIGAR LIGHTER (#L140232 Casco Products Inc.)	1	
-21			MANIFOLD PRESSURE GAUGE (#83810-05 Kollsman)	1	
			MANIFOLD PRESSURE GAUGE (#6000A United Instrument Co.)	1	
-22			AIRSPEED INDICATOR (#1432-22B-A-AI Pioneer)	1	
			AIRSPEED INDICATOR (#544-4 Aeromarine)	1	

When Ordering, Always Specify Part Number, Nomenclature
And Serial Number of Aircraft.



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
17-23			TURN COORDINATOR (#1681-1681A Brittain Ind.)	1	One & Up
-24			TURN COORDINATOR (#600-009-900 Brittain Ind.)	1	
-25			FLAP INDICATOR GAUGE (#Q14915, Stewart Warner Corp.)	1	
-26			SUCTION GAUGE (#3-310-5 U. M. A.)	1	
-27			AVIATION CLOCK, 8 Day (#A -11-90 Longines Wittnauer)	1	
-28			RATE OF CLIMB INDICATOR (#7020 United Instrument Co.)	1	
-29			DIRECTIONAL GYRO (#200-5 Aim Corp.)	1	
-30			GYRO HORIZON (#300-3CF Aviation Instrument Manufacturing Corp.)	1	
-31			ALTIMETER (#U1-5932 United Instrument Co.)	1	
-32			TACHOMETER (#ES-551-NF Stewart Warner Corp.)	1	
-33			SCREW (AN526-8R6)	11	
-34			SCREW (AN530-8R6)	9	
-35			NUT (MS20365B632)	12	
-36			SCREW (MS35214-27)	14	
-37			SCREW (MS35214-30)	29	
-38			FASTENER (NAS487-20)	14	
-39			NUT (#A1348-82 Tinnerman Products Inc.)	9	
			NUT (#RM52LHA-4982-8-82 Tinnerman Products Inc.)	9	

When Ordering, Always Specify Part Number, Nomenclature
And Serial Number of Aircraft.

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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
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And Serial Number of Aircraft.

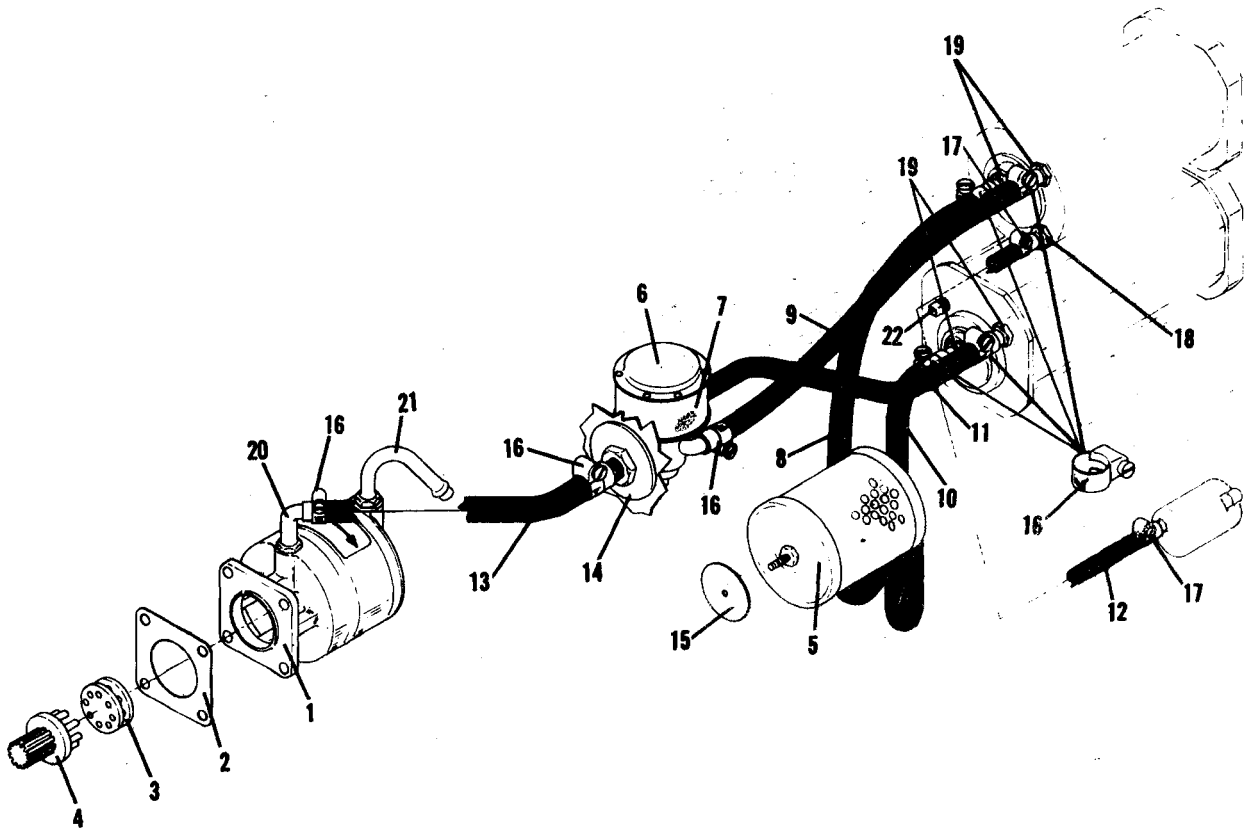


Figure 18. Vacuum System Installation



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
18-1	62541	A	PUMP - Dry, Vacuum (#200 cc)	1	One & Up
-2		A	GASKET - Vacuum Pump Mounting (B3001-A-1)	1	
-3		A	COUPLING ASSEMBLY - Pump Drive (B1-9-1)	1	
-4		A	COUPLING - Spline, Pump Drive (B1-4-1)	1	
-5	61420	A	FILTER ASSEMBLY - Air (#1J7-1)	1	
-6	63922	A	VALVE - Suction Regulating (#133-A-4)	1	
-7		A	FILTER - Regulating Valve (#B3005-A-1)	1	
-8	48054-1		HOSE - Vacuum, Gyro Horizon to Air Filter	1	
-9	48054-2		HOSE - Vacuum, Gyro Horizon to Regulating Valve	1	
-10	48054-3		HOSE - Vacuum, Directional Gyro to Air Filter	1	
-11	48054-4		HOSE - Vacuum, Directional Gyro to Regulating Valve	1	
-12	48054-5		HOSE - Vacuum, Gyro Horizon to Suction Gauge	1	
-13	48054-6		HOSE - Vacuum, Regulating Valve to Vacuum Pump.	1	
-14	48055-1		WASHER - Support	1	
-15	48056-1		WASHER - Air Filter	1	
-16	60859		CLAMP (QS 100-M10S, Aeroseal)	10	
-17	57134		CLAMP (AN737-W22)	2	
-18	59361	A	FITTING (1K10-2-4)	1	
-19	59362	A	FITTING (1K10-4-6)	4	
-20	59365	A	FITTING (1K1-6-10)	1	
-21	59363	A	FITTING (1K1-6-8)	1	
-22	65517		PLUG (MS20913-1D)	1	
			A - AIRBORNE MANUFACTURING COMPANY		

When Ordering, Always Specify Part Number, Nomenclature
And Serial Number of Aircraft.

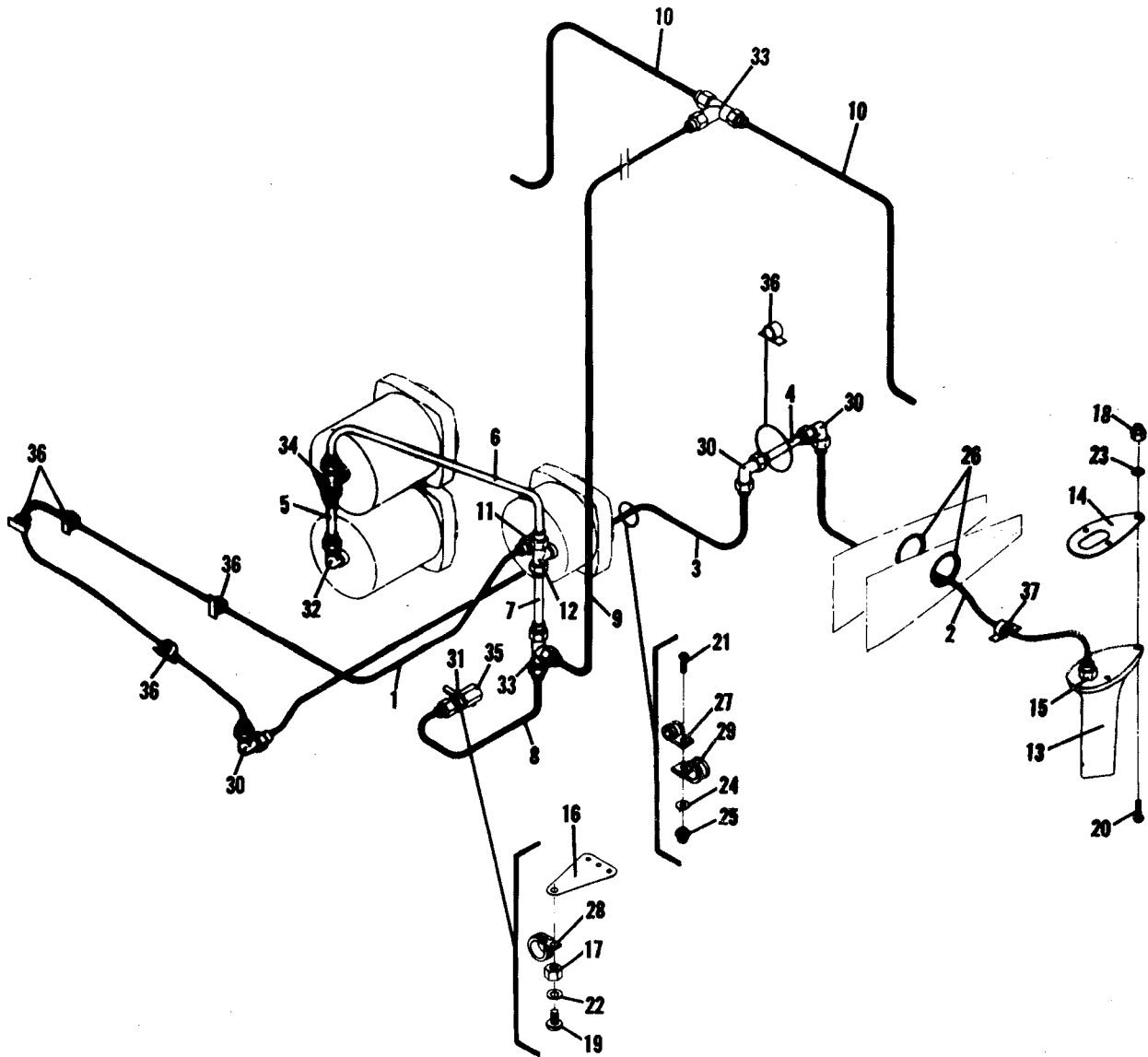


Figure 19. Pitot System Installation



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
19-1	48601		DRAWING - Pitot System Installation		One & Up
-2	48602-1		PITOT LINE - Dynamic	1	
-3	48602-3		PITOT LINE - Dynamic	1	
-4	48602-5		PITOT LINE - Dynamic	1	
-5	48602-7		PITOT LINE - Dynamic	1	
-6	48603-1		PITOT LINE - Static	1	
-7	48603-3		PITOT LINE - Static	1	
-8	48603-5		PITOT LINE - Static	1	
-9	48603-7		PITOT LINE - Static	1	
-10	48603-9		PITOT LINE - Static	1	
-11	48603-11		PITOT LINE - Static	2	
-12	48609-1		CONNECTOR - Air Speed Indicator	1	
-13	48610-1		TEE - Air Speed Indicator	1	
-14	48611-3		PITOT HEAD ASSEMBLY	1	
-15	48608-1		PITOT HEAD	1	
-16	48612-1		GASKET - Pitot Head	1	
-17	61064		CONNECTOR (#268P Imperial Eastman Corp)	1	
-18	48613-1		VALVE BRACKET - Pitot	1	
-19			NUT (AN340-6)	1	
-20	55474		NUT (AN365-632)	1	
-21			SCREW (AN5266R5)	1	
-22	56690		SCREW (AN526-632-12)	3	
-23	56841		SCREW (AN526-1032R4)	6	
-24			WASHER (AN960-6L)	1	
-25	58719		WASHER (AN960-8L)	3	
-26	58750		WASHER (AN960-10L)	6	
-27	65074		NUT (MS20365D1032)	6	
-28	65655		GROMMET (MS21266-1N)	As Req.	
-29			CLAMP (MS21919DG4)	6	
-30	65729		CLAMP (MS21919DG6)	1	
-31	65725		CLAMP (MS21919DG8)	6	
-32			UNION ELBOW (#265N Imperial Eastman Corp.)	3	
-33	61064		CONNECTOR (#268P Imperial Eastman Corp.)	1	
-34			ELBOW (#269P Imperial Eastman Corp.)	1	
-35			UNION TEE (#264N Imperial Eastman Corp.)	1	
-36	59441		TEE (#272P Imperial Eastman Corp.)	1	
-37			VALVE (#SFX23 Gagne Associates Inc.)	1	
	60786		CLAMP (#DEK021-0500 DEK, Inc.)	5	
			CLAMP (#DK750 DEK, Inc.)	6	

When Ordering, Always Specify Part Number, Nomenclature
And Serial Number of Aircraft.

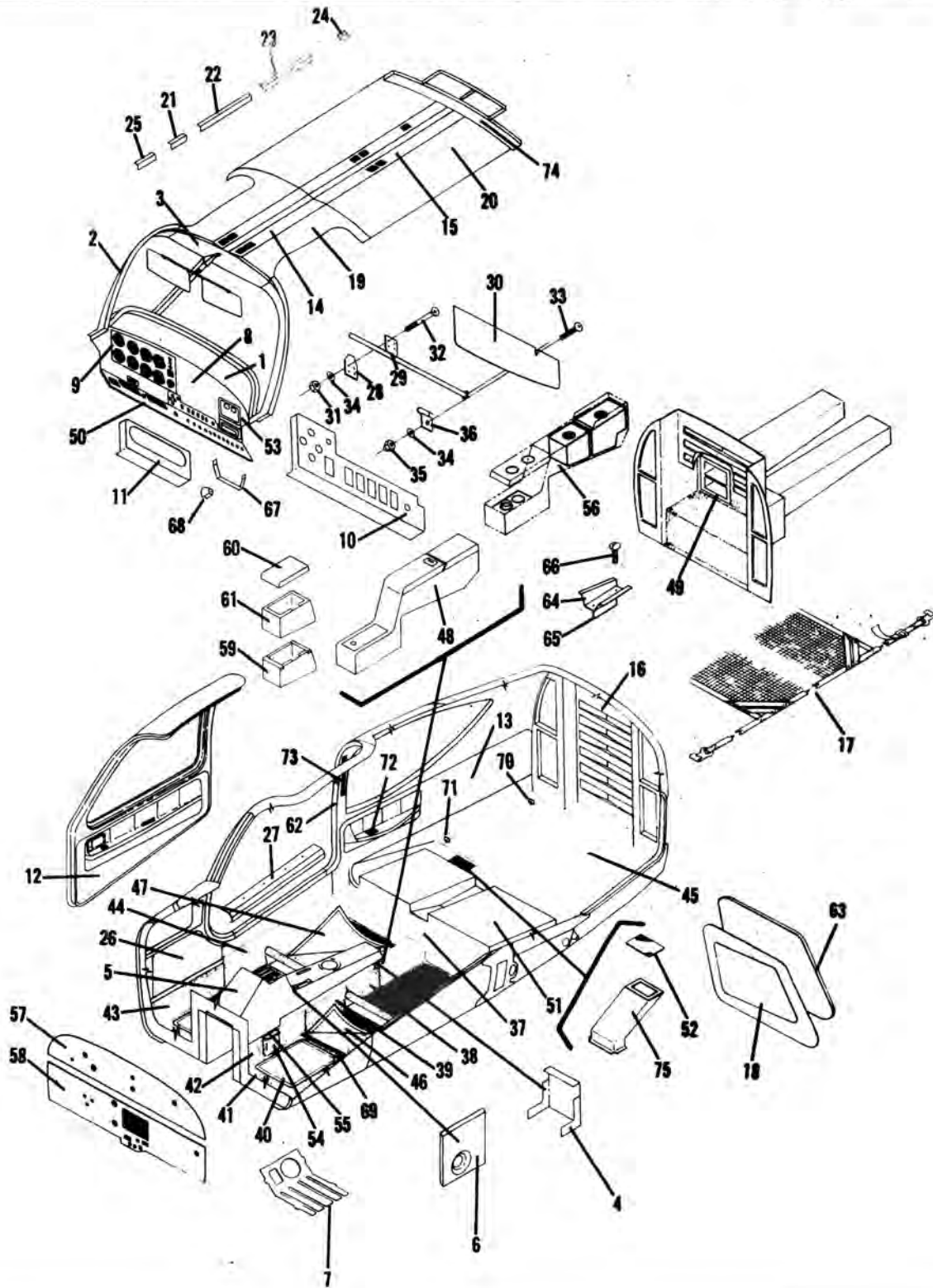


Figure 20. Interior Installation



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
20-1	49002-1	A	GLARESHIELD ASSEMBLY - Sport and Super Sport, With Instrument Lights	1	One & Up
	49002-501	A	GLARESHIELD ASSEMBLY - Sport and Super Sport, Without Instrument Lights	1	
	49002-503	A	GLARESHIELD ASSEMBLY - Standard, With Instrument Lights	1	
	49002-505	A	GLARESHIELD ASSEMBLY - Standard, Without Instrument Lights	1	
-2	49003-3	A	WINDSHIELD FRAME ASSEMBLY, L. H.	1	
	49003-4	A	WINDSHIELD FRAME ASSEMBLY, R. H.	1	
-3	49003-5	A	WINDSHIELD FRAME ASSEMBLY, CENTER	1	
-4	49004-7	A	FORMER - Quadrant and Tunnel Cover	1	
-5	49004-9	A	COVER - Quadrant and Tunnel	1	
-6	49012-1	A	FACE PLATE - Fuel Primer	1	
-7	49019-5	A	FACE PLATE INSERT - Quadrant	1	
	49019-7	A	FACE PLATE INSERT - Quadrant, Strobe Lights	1	
-8	49005-3	A	INSTRUMENT PANEL COVER	1	
-9	49005-5	A	INSERT - Instrument Panel Cover	1	
-10	49005-7	A	INSERT - Instrument Panel Cover	1	
-11	49005-9	A	INSERT - Instrument Panel Cover	1	
-12	49006-1	A	CABIN DOOR PANEL ASSEMBLY, L. H.	1	
	49006-2	A	CABIN DOOR PANEL ASSEMBLY, R. H.	1	
-13	49016-1	A	SIDE PANEL ASSEMBLY - Super Sport, Aft, L. H.	1	
	49016-501	A	SIDE PANEL ASSEMBLY - Standard and Sport, Aft, L. H.	1	
	49007-1	A	SIDE PANEL ASSEMBLY - Super Sport, Aft., R. H.	1	
	49007-501	A	SIDE PANEL ASSEMBLY - Standard and Sport, Aft, R. H.	1	
-14	49008-5	A	OVERHEAD CONSOLE PANEL, FWD.	1	
-15	49008-9	A	OVERHEAD CONSOLE PANEL, AFT	1	
-16	49009-1	A	AFT BULKHEAD ASSEMBLY - Sport and Super Sport	1	
	49078-1	A	AFT BULKHEAD ASSEMBLY - Standard	1	
-17	49010-3		BAGGAGE RESTRAINT	1	
-18	49011-3	A	PANEL - Baggage Door	1	

A - When ordering upholstery parts, always include finish and trim number (see Page (v) for instructions)

When Ordering, Always Specify Part Number, Nomenclature And Serial Number of Aircraft.



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
20-19	49013-3	A	PANEL - Headliner, Forward L. H.	1	One & Up
	49013-4	A	PANEL - Headliner, Forward R. H.	1	
-20	49013-5	A	PANEL - Headliner, Aft L. H.	1	
	49013-6	A	PANEL - Headliner, Aft R. H.	1	
-21	49013-7		SUPPORT - Headliner, Forward Center, L. H.	1	
	49013-8		SUPPORT - Headliner, Forward Center, R. H.	1	
-22	49013-9		SUPPORT - Headliner, Center, L. H.	1	
	49013-10		SUPPORT - Headliner, Center, R. H.	1	
-23	49013-11		SUPPORT - Headliner, Aft, L. H.	1	
	49013-12		SUPPORT - Headliner, Aft, R. H.	1	
-24	49013-15		CLIP - Headliner	6	
-25	49013-17		SUPPORT - Headliner, Forward, L. H.	1	
	49013-18		SUPPORT - Headliner, Forward, R. H.	1	
-26	49023-1	A	PANEL ASSEMBLY - Forward Side, L. H.	1	
	49023-2	A	PANEL ASSEMBLY - Forward Side, R. H.	1	
-27	49026-1		SCUFF PLATE - Door, L. H.	1	
	49026-2		SCUFF PLATE - Door, R. H.	1	
	49024-1		SUNVISOR ASSEMBLY	1	
-28	49087-1		PLATE - Sun Visor	1	
-29	49089-1		SUPPORT ASSEMBLY - Sun Visor	1	
-30	49050-7		VISOR, L. H.	1	
	49050-8		VISOR, R. H.	1	
-31			NUT (AN365-832)	2	
-32			SCREW (AN509-8-22)	2	
-33			SCREW (AN515-8-5)	4	
-34			WASHER (AN960-8L)	8	
-35			CAP NUT (CLCE 0832-5, Gripco)	4	
-36			CLIP (5/16 H, Weckesser)	4	
-37	49027-3	A	CARPET	1	
-38	49027-5	A	CARPET	1	
-39	49027-7	A	CARPET	1	
	49027-8	A	CARPET	1	

A - When ordering upholstery parts, always include finish and trim number (see Page (v) for instructions)

When Ordering, Always Specify Part Number, Nomenclature
And Serial Number of Aircraft.



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
20-40	49027-15		SCUFF PLATE - Forward Cabin	2	One & Up
-41	49027-17	A	CARPET - Forward Cabin, L. H.	1	
	49027-18	A	CARPET - Forward Cabin, R. H.	1	
-42	49027-19	A	CARPET - Forward Cabin, L. H.	1	
	49027-20	A	CARPET - Forward Cabin, R. H.	1	
-43	49027-21	A	CARPET - Forward Cabin, L. H.	1	
	49027-22	A	CARPET - Forward Cabin, R. H.	1	
-44	49027-23	A	CARPET - Forward Cabin, L. H.	1	
	49027-24	A	CARPET - Forward Cabin, R. H.	1	
-45	49029-3	A	CARPET - Baggage Compartment	1	
-46	49033-1	A	COVER ASSEMBLY - Carpet	2	
-47	49033-3	A	COVER ASSEMBLY - Carpet	2	
-48	49036-1	A	CENTER REAR CONSOLE ASSEMBLY	1	
-49	49038-1	A	SKI RACK ASSEMBLY	1	
-50	49049-3	A	COVER - Instrument Sub Panel	1	
-51	49051-3	A	CLOSE OUT - Rear Divan	1	
-52	48432-3		GRILL - Rear Divan	1	
-53	49054-501	A	GLOVE BOX ASSEMBLY	1	
	49054-503	A	GLOVE BOX ASSEMBLY - Stereo	1	
-54	49056-3	A	MAP CASE	2	
-55	49056-5	A	MAP CASE BACK	2	
-56	49060-1	A	FRESHMENT CENTER ASSEMBLY	1	
-57	49083-3		FIREWALL BLANKET	1	
-58	49083-5		FIREWALL BLANKET	1	
-59	49084-3		BOX ASSEMBLY - Armrest	1	
-60	49084-5	A	PAD ASSEMBLY - Armrest	1	
-61	49084-19	A	COVER - Armrest	1	
-62	49080-1	A	WINDLACE	2	
-63	49080-3	A	WINDLACE	1	
	49302-1		COAT HANGER ASSEMBLY	1	
-64	49301-1		BRACKET - Coat Hanger	1	
-65			HANGER (#1626, Herman Smith, Inc.)	1	

A - When ordering upholstery parts, always include finish and trim number (see Page (v) for instructions)

When Ordering, Always Specify Part Number, Nomenclature
And Serial Number of Aircraft.



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
20-66			SCREW (NAS220-6)	2	
-67	49303-1		STRAP - Tape Player	1	
-68	49304-1		BRACKET - Tape Player	1	
-69	49305-1	A	COVER - HAT	2	
-70			STUD & RING (21452-51F-16-00, Brownline, Inc.)	2	
-71			STUD & RING (21452-51F-26-16, Brownline, Inc.)	2	
-72			ASH TRAY (#489, Kent Products)	4	
-73			HANDLE ASSEMBLY (1735-383-321, Philadelphia Handle Co.)	2	
-74	49018-1		ESCUTCHEON - Coat Hanger	1	
-75	48431-1		DUCT ASSEMBLY - Vent	1	
<p>A - When ordering upholstery parts, always include finish and trim number (see Page (v) for instructions)</p>					

When Ordering, Always Specify Part Number, Nomenclature
And Serial Number of Aircraft.



Aero Commander Division
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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
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When Ordering, Always Specify Part Number, Nomenclature
And Serial Number of Aircraft.

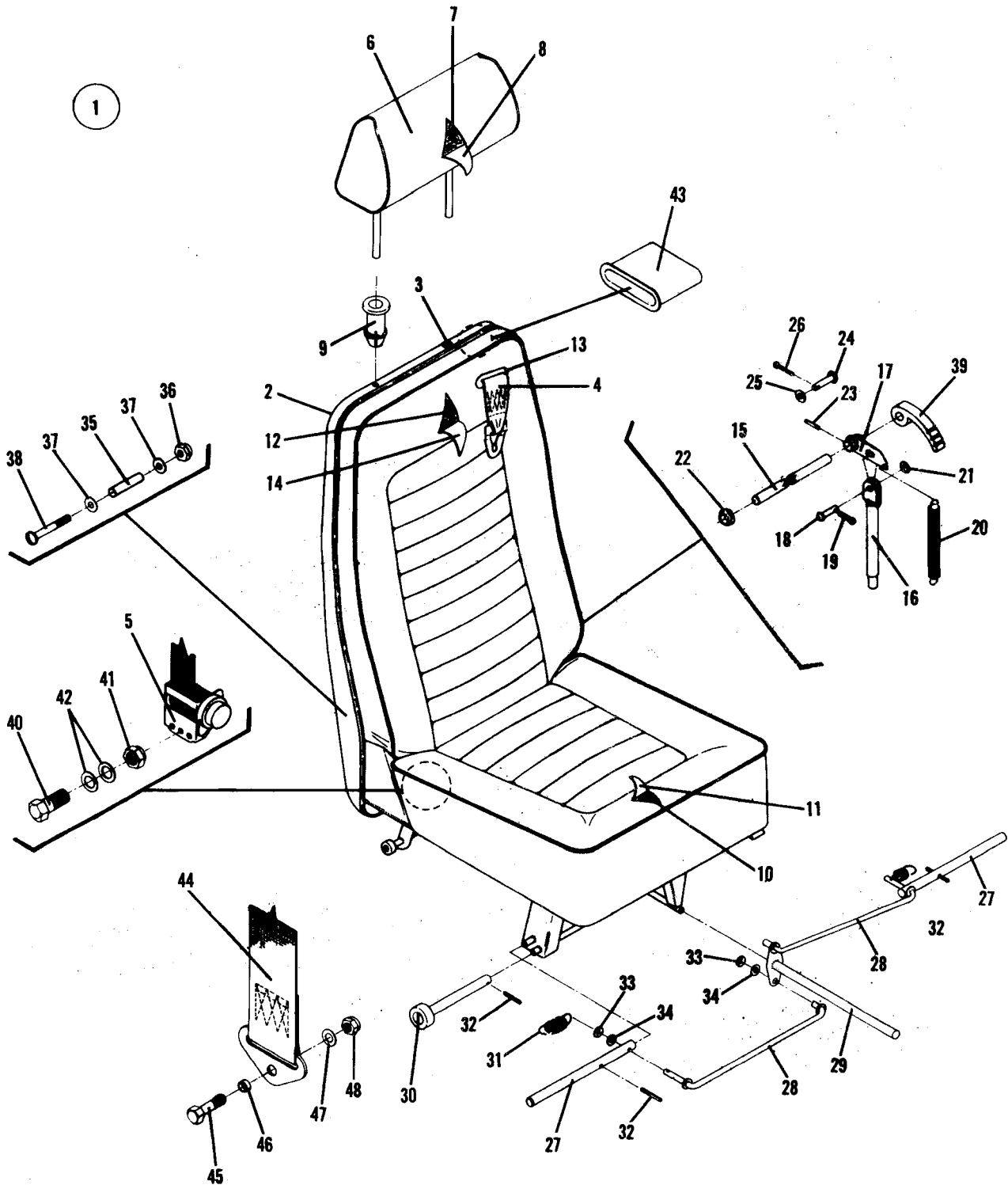


Figure 21. Crew Seat Assembly



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
21-1	49031-1	D	CREW SEAT ASSEMBLY, Low Back, L.H.	1	One & Up
	49031-2	D	CREW SEAT ASSEMBLY, Low Back, R.H.	1	
	49031-501	D	CREW SEAT ASSEMBLY, Low Back, with INERTIA Shoulder Harness and Headrest, L.H.	1	
	49031-502	D	CREW SEAT ASSEMBLY, Low Back, with INERTIA Shoulder Harness and Headrest, R.H.	1	
	49031-503	D	CREW SEAT ASSEMBLY, Low Back with Headrest, L.H.	1	
	49031-504	D	CREW SEAT ASSEMBLY, Low Back with Headrest, R.H.	1	
	49031-505	D	CREW SEAT ASSEMBLY, Low Back with Inertia Shoulder Harness, L.H.	1	
	49031-506	D	CREW SEAT ASSEMBLY, Low Back with Inertia Shoulder Harness, R.H.	1	
-2	49031-1	AD	SHROUD - Seat Back, Low Back, L.H.	1	
	49031-2	AD	SHROUD - Seat Back, Low Back, R.H.	1	
-3		B	PLUG BUTTON (#SS-51388, United Carr, Cambridge, Mass.)	4	
-4		CD	SHOULDER HARNESS (#1108204 Pacific Scientific Co., Anaheim, Calif.)	2	
			A. Used only with - 49031-1, 49031-2, 49031-501, 49031-502, 49031-503, 49031-504, 49031-505, 49031-506		
			B. Used only with - 49031-1, 49031-2, 49031-505, 49031-506		
			C. Used only with - 49031-1, 49031-2, 49031-503, 49031-504		
			D. When Ordering Upholstery Parts Always Include Finish & Trim Number (See Page (v) For Instructions)		

When Ordering, Always Specify Part Number, Nomenclature
And Serial Number of Aircraft.



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
21-5		AC	REEL ASSEMBLY (#0107129, Pacific Scientific Co., Anaheim, Calif.)	2	One & Up
-6	49042-1	B	HEADREST ASSEMBLY, Low Back Seat	2	
-7	49042-3	B	CUSHION - Headrest	2	
-8		BC	COVER - Headrest	2	
-9	49250-1	B	BUSHING - Headrest	4	
-10	49039-1		CUSHION - Seat Bottom	2	
-11		C	COVER ASSEMBLY - Seat Bottom	2	
-12	49041-1		CUSHION ASSEMBLY - Seat Back	2	
-13	49081-1		GUIDE	2	
-14		C	COVER ASSEMBLY - Seat Back	2	
-15	49224-1		TORQUE TUBE	2	
	49225-1		PIN ASSEMBLY - SEAT STOP	4	
-16	49226-1		PIN ASSEMBLY - SEAT STOP	4	
-17	49227-1		LINK ASSEMBLY - SEAT STOP, WELD-MENT	4	
-18	65084		CLEVIS PIN (MS20392-1c7)	4	
-19	65745		COTTER PIN (MS24665-132)	4	
-20	63236		SPRING (E-240-031-225, Associated Spring Corp., Conn.)	4	
-21	58720		WASHER (AN960-6)	4	
-22	60158		BEARING (F-257, Bond Brooke Bearing Corp., Bond Brooke, N.J.)	8	
-23	62332		ROLL PIN (#59-012-062-0500, Elastic Stop Nut Div., Union, N.J.)	4	
-24	65093		CLEVIS PIN (MS20392-1C23)	4	
-25	58720		WASHER (AN960-6)	4	
-26	A2327		COTTER PIN (MS24665-132)	4	
-27	49209-1		PIN	4	
-28	49242-1		ARM ASSEMBLY	4	
-29	49243-1		BELLCRANK ASSEMBLY	2	
			A. Used only with - 49031-501, 49031-502, 49031-505, 49031-506, 49031-507, 49031-508		
			B. Used only with - 49031-501, 49031-502, 49031-503, 49031-504		
			C. When Ordering Upholstery Parts Always Include Finish & Trim Number (See Page (v) For Instructions)		

When Ordering, Always Specify Part Number, Nomenclature
And Serial Number of Aircraft.



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
21-30	49246-1		ROLLER ASSEMBLY	8	One & Up
-31	63015		SPRING (LE-045D-1, Lee Spring Co., Inc., Brooklyn, N. Y.)	4	
-32	62332		ROLL PIN (59-012-062-0500, Elastic Stop Nut Div., Union, N. J.)	12	
-33			PUSH NUT (P12357, Crest Products, Inc.)	8	
-34	58710		WASHER (AN960-4)	8	
-35	40111-53		BUSHING	4	
-36	65075		NUT (MS20364-1032)	4	
-37	58740		WASHER (AN960-10)	8	
-38			BOLT (AN23-23)	4	
-39	62109		HANDLE (407P2K1, Raytheon Burlington, Mass)	2	
-40	A1226		BOLT (AN6-7A)	2	
-41			NUT (MS20364-624)	2	
-42	58790		WASHER (AN960-616)	4	
-43	49082-1		GUIDE	2	
-44		A	LAP BELT ASSEMBLY, CREW SEAT (#1108006, Pacific Scientific Co., Anaheim, Calif.)	2	
-45	50876		BOLT (AN4-6A)	2	
-46	40111-21		BUSHING	2	
-47	58760		WASHER (AN960-416)	2	
-48			NUT (MS20364-428)	2	
<p>A. When Ordering Upholstery Parts Always Include Finish & Trim Number (See Page (v) For Instructions)</p>					

When Ordering, Always Specify Part Number, Nomenclature
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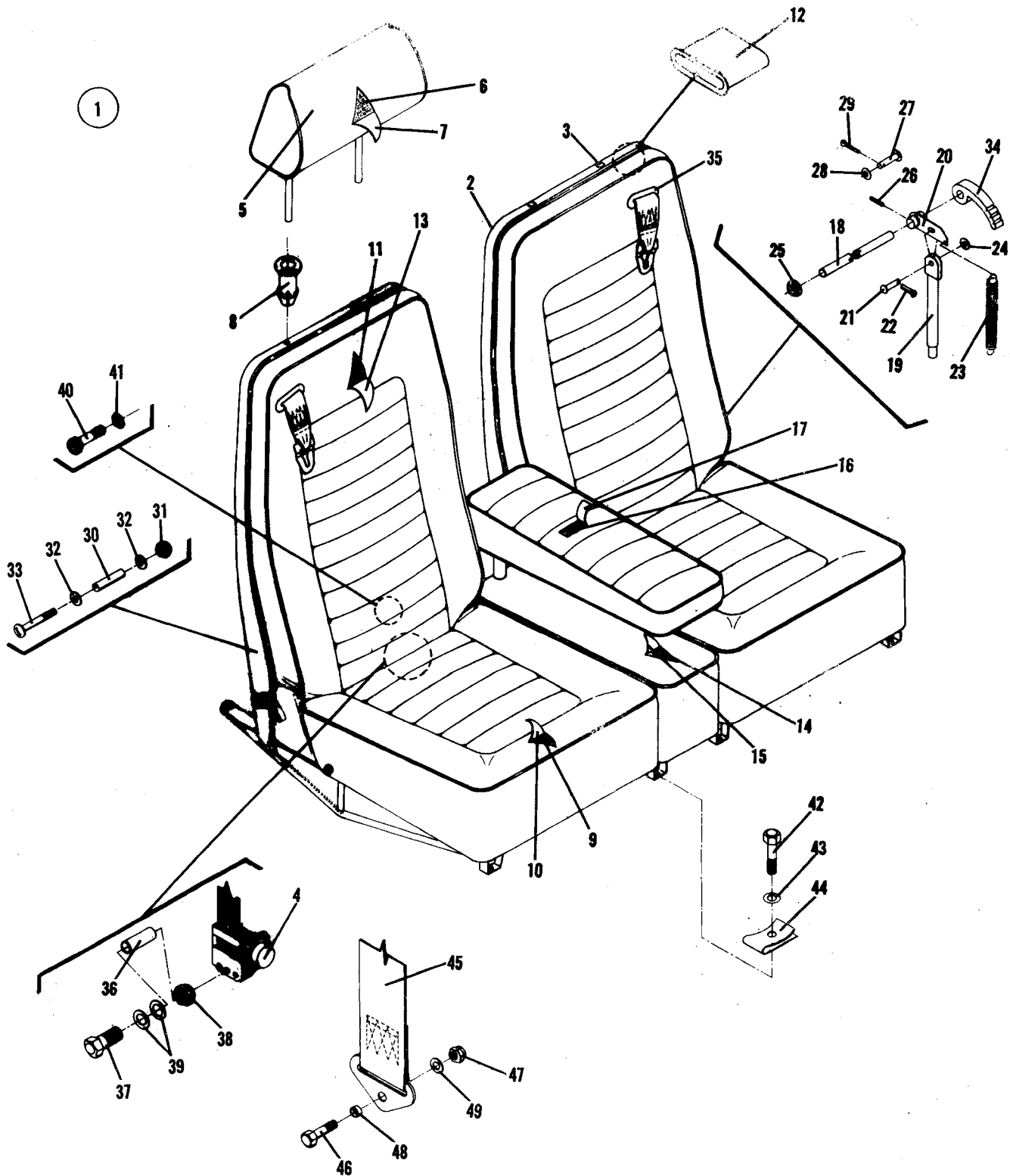


Figure 22. Aft Divan Assembly



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
22-1	49032-1	E	AFT DIVAN ASSEMBLY, Low Back with Headrest	1	One & Up
	49032-501	E	AFT DIVAN ASSEMBLY, Low Back with Headrest and Inertia Shoulder Harness	1	
	49032-503	E	AFT DIVAN ASSEMBLY, Low Back	1	
	49032-505	E	AFT DIVAN ASSEMBLY, Low Back with Inertia	1	
			Shoulder Harness	1	
-2	49035-3	AE	SHROUD - Seat Back, Low Back, L.H.	1	
	49035-4	AE	SHROUD - Seat Back, Low Back, R.H.	1	
-3		B	PLUG BUTTON (#SS-51338, United Carr, Cambridge, Mass.)	4	
-4		CE	REEL ASSEMBLY (#0107129, Pacific Scientific Co., Anaheim Calif.)	2	
-5	49042-1	D	HEADREST ASSEMBLY, Low Back Seat	2	
-6	49042-3		CUSHION - Headrest	2	
-7		E	COVER ASSEMBLY - Headrest	2	
-8	49250-1	D	BUSHING - Headrest	4	
-9	49032-7		CUSHION - Seat Bottom, L.H.	1	
	49032-8		CUSHION - Seat Bottom, R.H.	1	
-10		E	COVER ASSEMBLY - Seat Bottom	2	
-11	49041-1		CUSHION ASSEMBLY - Seat Back	2	
-12	49081-1		GUIDE	2	
-13		E	COVER ASSEMBLY - Seat Back	2	
			A. Used Only With 49032-1, 49032-501, 49032-503, 49032-505		
			B. Used Only With 49032-503, 49032-505		
			C. Used Only With 49032-501, 49032-505		
			D. Used Only With 49032-1, 49032-501		
			E. When Ordering Upholstery Parts Always Include Finish & Trim Number (See Page (v) For Instructions)		

When Ordering, Always Specify Part Number, Nomenclature
And Serial Number of Aircraft.



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
22-14	49047-1	A	CUSHION - Divider	1	One & Up
-15		AC	COVER - Divider	1	
-16	49048-1	A	CUSHION - Armrest	1	
-17		AC	COVER - Armrest	1	
-18	49224-1		TORQUE TUBE	2	
	49225-1		PIN ASSEMBLY - Seat Stop	4	
-19	49226-1		PIN ASSEMBLY - Seat Stop	4	
-20	49227-1		LINK ASSEMBLY - Seat Stop, Weldment	4	
-21	65084		CLEVIS PIN (MS20392-1C7)	4	
-22	65745		COTTER PIN (MS24665-132)	4	
-23	63236		SPRING (E-240-031-225 Associated Spring Corp., Conn.)	4	
-24	58720		WASHER (AN960-6)	4	
-25	60158		BEARING (F-257, Bond-Brooke Bearing Corp., Bond Brooke, N.J.)	8	
-26	62332		ROLL PIN (#59-012-062-0500, Elastic Stop Nut Div., Union, N.J.)	4	
-27	65093		CLEVIS PIN (MS20392-1C23)	4	
-28	58720		WASHER (AN960-6)	4	
-29	A2327		COTTER PIN (MS24665-132)	4	
-30	40111-53		BUSHING	4	
-31	65075		NUT (MS20364-1032)	4	
-32	58740		WASHER (AN960-10)	8	
-33			BOLT (AN23-23)	4	
-34	62109		HANDLE (#407P2K1, Raytheon, Burlington, Mass)	2	
-35	49082-1		GUIDE	2	
-36	40111-75	B	BUSHING	2	
-37	51750	B	BOLT (AN5-17A)	2	
-38		B	NUT (MS20364-524)	2	
-39	58790	B	WASHER (AN960-616)	4	
-40	50200		BOLT (AN3-14)	2	
-41	58750		WASHER (AN960-10L)	2	
-42	50000		BOLT (AN3-4)	4	
-43	58740		WASHER (AN960-10)	4	
			A. Used Only With, 49032-1, 49032-501, 49032-503, 49032-505, 49032-507		
			B. Used Only With 49032-501, 49032-505		
			C. When Ordering Upholstery Parts Always Include Finish & Trim Number (See Page (v) For Instructions)		

When Ordering, Always Specify Part Number, Nomenclature
And Serial Number of Aircraft.

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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
22-44 -45	59460	A	NUT (#A4972-6-02, ESNA Corp.) LAP BELT ASSEMBLY, AFT DIVAN (#1108006 Pacific Scientific Co. Anaheim, Calif.)	4	One & Up
-46	51026		BOLT (AN 4-14A)	2	
-47			NUT (MS 20364-428)	4	
-48	40111-21		BUSHING	4	
-49	58760		WASHER (AN960-416)	4	
<p>A. When Ordering Upholstery Parts Always Include Finish & Trim Number (See Page (v) For Instructions)</p>					

When Ordering, Always Specify Part Number, Nomenclature
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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
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Section III

EMPENNAGE GROUP

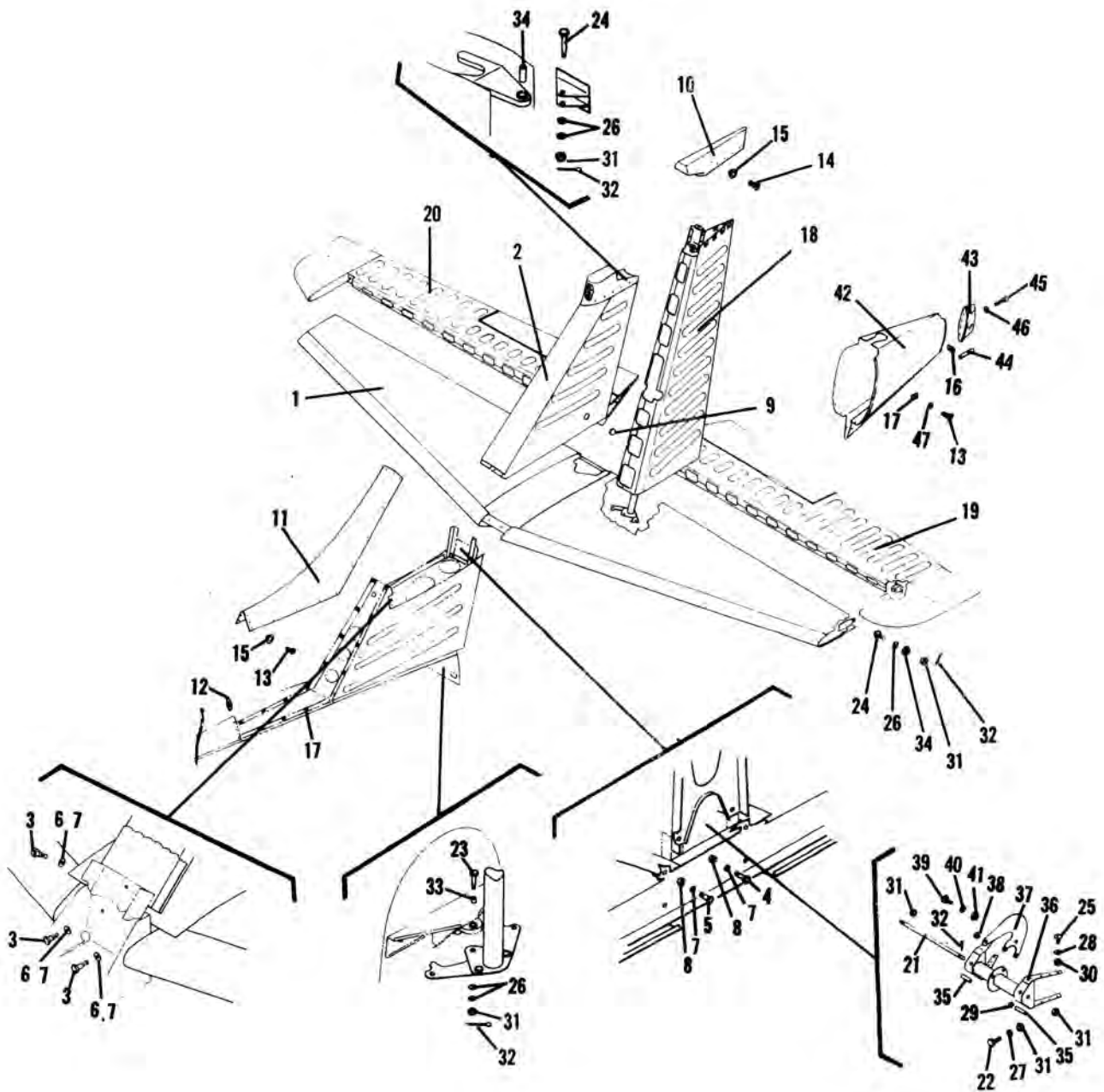


Figure 23. Tail Surfaces Installation



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
			TAIL SURFACES INSTALLATION		One & Up
23-1	44002-1		HORIZONTAL STABILIZER ASSEMBLY	1	
-2	44003-1		UPPER FIN ASSEMBLY	1	
-3	50851		BOLT (AN4-5A)	3	
-4	50876		BOLT (AN4-6A)	5	
-5	50902		BOLT (AN4-7A)	4	
-6	58770	A	WASHER (AN960-416L)	As Req.	
-7	58760	A	WASHER (AN960-416)	As Req.	
-8	A2172		NUT (MS20365-428)	13	
-9	62316		PLUG (BPF-1, Caplug Corp. or 413, Niagra Plastic)	2	
-10	44233-1		RUDDER TIP ASSEMBLY	1	
	43360-1		DORSAL ASSEMBLY, Fairing Aft	1	
-11	43360-3		DORSAL	1	
-12	65547		NUTPLATE (MS21047-L08)	5	
-13	65760		SCREW (MS24693-49)	38	
-14	59636		SCREW (AN507-832R7)	13	
-15	63968		WASHER (A3135.017-1, Tinnerman)	33	
-16	59515		NUT (RM52LHA4972-6-82, Esna)	13	
-17	59485		NUT (C8104-832, Tinnerman)	30	
-18	44006-1		RUDDER ASSEMBLY	1	
-19	44017-1		ELEVATOR ASSEMBLY, L.H.	1	
-20	44017-2		ELEVATOR ASSEMBLY, R.H.	1	
-21	44245-1		BOLT	1	
-22	50825		BOLT (AN4-4A)	4	
-23	50900		BOLT (AN4-7)	1	
-24	50975		BOLT (AN4-12)	3	
-25	56626		SCREW (AN525-10-8)	12	
-26	58760		WASHER (AN960-416)	11	
-27	58770		WASHER (AN960-416L)	1	
-28	58750		WASHER (AN960-10L)	12	
-29	58860		WASHER (AN970-4)	2	
-30	A2167		NUT (MS20365-1032)	12	
-31	54400		NUT (AN310-4)	6	
			A - MAXIMUM OF 3 WASHERS PERMISSIBLE		

When Ordering, Always Specify Part Number, Nomenclature
And Serial Number of Aircraft.



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
23-32	55675		COTTER PIN (AN380-2-2)	6	One & Up
-33	60156		BEARING (AA347-3, Oilite)	1	
-34	60152		BEARING (AA335-6, Oilite)	3	
-35	40111-7		BUSHING	2	
	44214-1		HORN ASSEMBLY	1	
-36	44271-1		HORN	1	
-37	44275-1		ARM	1	
-38	60159		BEARING (FF310-3, Oilite)	1	
-39			BOI.T (AN4-6A)	3	
-40			WASHER (AN960-416)	3	
-41			NUT (MS20365-428)	3	
-35	43367-9		STINGER ASSEMBLY	1	
-42	43367-11		STINGER	1	
-43	43376-1		LENS	1	
-44	40111-69		BUSHING	1	
-45	59715		SCREW (AN515-8R40)	1	
-46	58718		WASHER (AN960-8)	1	
-47	63960		WASHER (A3135-.017-24A)	12	

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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
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And Serial Number of Aircraft.

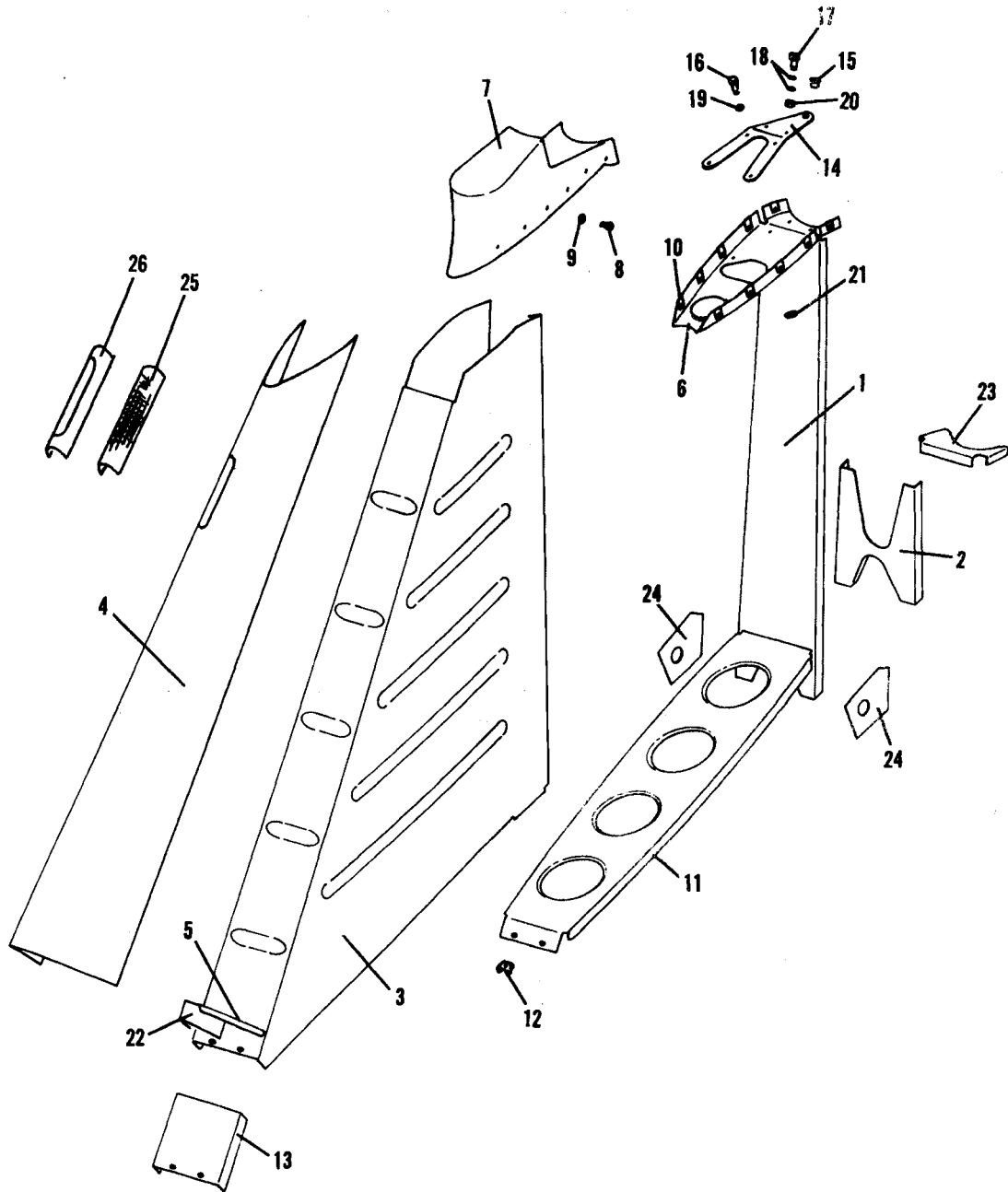


Figure 24. Upper Fin Assembly



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
	44003-1		UPPER FIN ASSEMBLY	1	One & Up
	44215-1		SPAR ASSEMBLY - Upper Rear	1	
24-1	44215-3		SPAR	1	
-2	44284-1		DOUBLER	1	
-3	44216-1		FIN SKIN - Upper	1	
-4	44217-1		SKIN - L. E.	1	
-5	44218-1		RIB - L. E.	1	
-6	44219-3		RIB - Tip	1	
	44220-11		FIN TIP ASSEMBLY	1	
-7	44220-3		FIN TIP	1	
-8	59629		SCREW (AN507-832R4)	10	
-9	63968		WASHER (A3135.017-1, Tinnerman)	10	
-10	59493		NUT (C8107-832, Tinnerman)	10	
-11	44221-1		RIB - Canted	1	
-12	65544		NUTPLATE (MS21055-L4)	2	
-13	44264-1		DOUBLER - Forward, Spar	1	
	44265-1		HINGE ASSEMBLY - Upper Fin	1	
-14	44265-3		HINGE	1	
-15	60151		BEARING (FF-411-1, Oilite)	1	
-16	50026		BOLT (AN3-5A)	4	
-17	50051		BOLT (AN3-6A)	2	
-18	58740		WASHER (AN960-10)	4	
-19	58750		WASHER (AN960-10L)	4	
-20	A2167		NUT (MS20365-1032)	2	
-21	65543		NUTPLATE (MS21047-L3K)	6	
-22	44266-1		CLIP - L. E.	1	
-23	44269-1		RIB - Skin Support	1	
-24	44270-1		DOUBLER - Fin Skin	2	
-25	44206-3		FILTER-Fin Tip	1	
-26	44301-1		DOUBLER-Upper Fin Leading Edge	1	

When Ordering, Always Specify Part Number, Nomenclature
And Serial Number of Aircraft.



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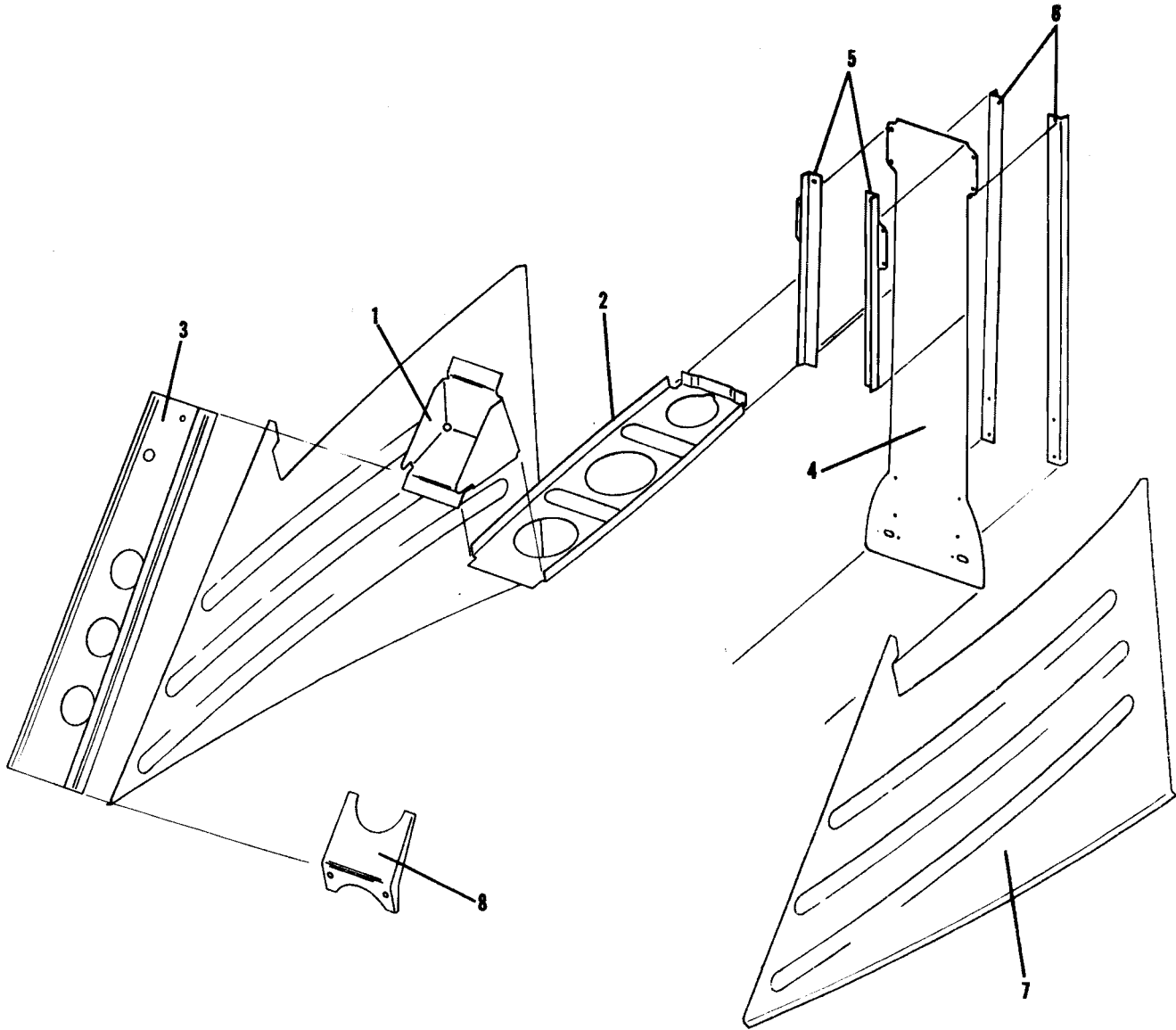


Figure 25. Lower Fin Assembly



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
	44004-1		FIN - Lower Assembly	1	One & Up
25-1	43255-1		FITTING - Front Spar to Stab	1	
-2	44222-3		RIB UPPER - Lower Fin	1	
-3	44223-3		SPAR - Forward, Lower Fin	1	
	44224-1		SPAR ASSEMBLY - Lower Rear Fin	1	
-4	44224-3		WEB	1	
-5	44240-1		FITTING - Rear Spar to Stab, L.H.	1	
	44240-2		FITTING - Rear Spar to Stab, R.H.	1	
-6	44268-1		CAP - Fin Spar, L.H.	1	
	44268-2		CAP - Fin Spar, R.H.	1	
-7	44225-1		SKIN - Lower Fin, L.H.	1	
	44225-2		SKIN - Lower Fin, R.H.	1	
-8	44316-1		FITTING - Front Spar to Stab	1	

When Ordering, Always Specify Part Number, Nomenclature
And Serial Number of Aircraft.

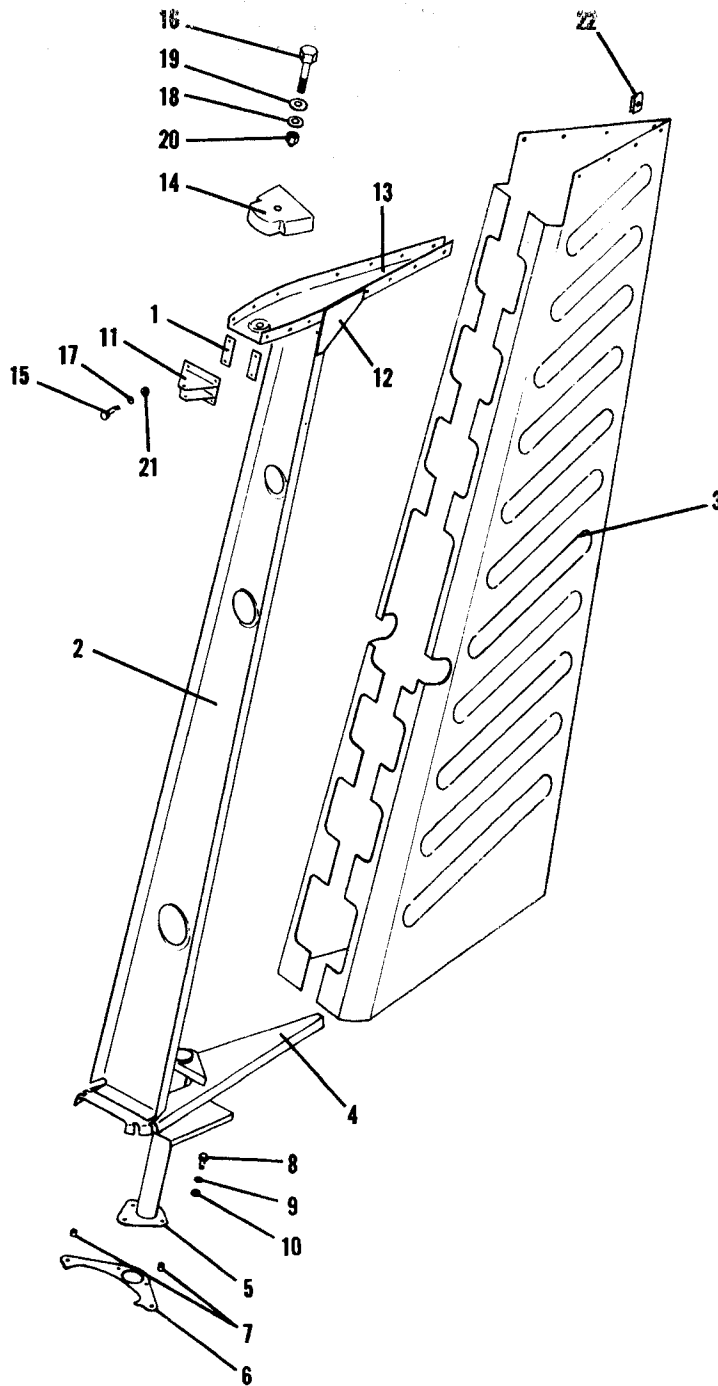


Figure 26. Rudder Assembly



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
26-1	44006-1		RUDDER ASSEMBLY	1	One & Up
	40113-1		SHIM - Rudder	2	
-2	44228-3		SPAR - Rudder	1	
-3	44229-3		SKIN - Rudder	1	
-4	44231-1		ROOT RIB - Rudder	1	
	44232-1		HORN ASSEMBLY - Rudder	1	
-5	44278-1		HORN WELDMENT	1	
	44283-1		ARM ASSEMBLY - Rudder Horn	1	
-6	44283-3		ARM	1	
-7	59383		BEARING (191. -.125 Bound Brook)	2	
-8	50851		BOLT (AN4-5A)	2	
-9	58770		WASHER (AN 960-416L)	2	
-10	A2172		NUT (MS20365-428)	2	
-11	44254-3		FITTING - Upper Rudder	1	
-12	44318-1		DOUBLER - Rudder	2	
-13	44319-1		RIB - Rudder Tip	1	
-14	44320-1		BALANCE WEIGHT - Rudder	1	
-15	50001		BOLT (AN3-4A)	4	
-16	51026		BOLT (AN4-14A)	1	
-17	58740		WASHER (AN960-10)	4	
-18	58770		WASHER (AN960-416L)	1	
-19	58860		WASHER (AN970-4)	1	
-20	65071		NUT (MS20364-428)	1	
-21	A2167		NUT (MS20365-1032)	4	
-22	59515		NUT (RM52LHA 4972-6-82)	14	

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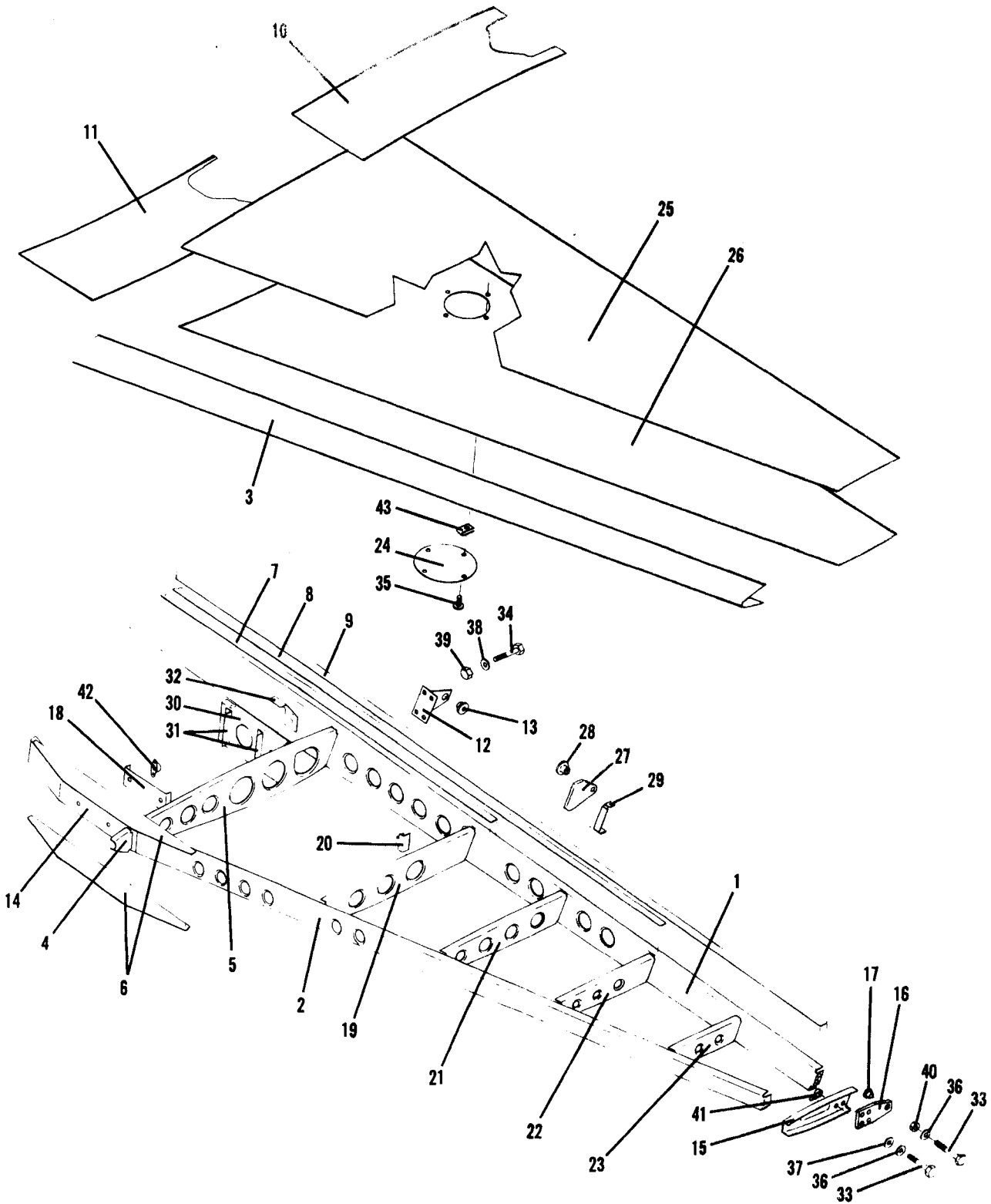


Figure 27. Horizontal Stabilizer Assembly



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
	44002-3		HORIZONTAL STABILIZER ASSEMBLY	1	One & Up
27-1	44201-5		SPAR - Stabilizer Rear	1	
-2	44203-3		SPAR - Stabilizer Forward	2	
-3	44204-1		LEADING EDGE - Horizontal Stabilizer	2	
-4	44205-3		RIB - Leading Edge, B.L. 4.80	2	
-5	44207-3		ROOT RIB - Stabilizer, L. H.	1	
	44207-4		ROOT RIB - Stabilizer, R. H.	1	
-6	44208-3		SPLICE PLATE - Stabilizer	2	
-7	44226-9		DOUBLER - Horizontal Stabilizer	2	
-8	44226-11		DOUBLER - Horizontal Stabilizer	2	
-9	44226-13		DOUBLER - Horizontal Stabilizer	2	
-10	44235-3		SKIN - Upper Center Stabilizer	1	
-11	44236-3		SKIN - Lower Center Stabilizer	1	
	44257-1		FITTING ASSEMBLY - Horizontal Stabilizer, L. H.	1	
	44257-2		FITTING ASSEMBLY - Horizontal Stabilizer, R. H.	1	
-12	44257-3		FITTING - Horizontal Stabilizer, L. H.	1	
	44257-4		FITTING - Horizontal Stabilizer, R. H.	1	
-13	60151		BEARING (FF-411-1, Oilite)	2	
-14	44261-5		SPLICE - Forward Spar	1	
-15	44262-3		RIB - Stabilizer, B.L. 69.35	1	
	44262-4		RIB - Stabilizer, B.L. 69.35	1	
	44263-1		FITTING ASSEMBLY - Stabilizer To Elevator, L. H.	1	
	44263-2		FITTING ASSEMBLY - Stabilizer To Elevator, R. H.	1	
-16	44263-3		FITTING - Stabilizer To Elevator	2	
-17	60184		BEARING (F316G, Compo 66H, Bound Brook)	2	
-18	44304-3		DOUBLER - Spar, Stabilizer	1	
	44306-1		RIB - Stabilizer, B.L. 23.58, L. H.	1	
	44306-2		RIB - Stabilizer, B.L. 23.58, R. H.	1	
-19	44306-3		RIB - Stabilizer, B.L. 23.58, L. H.	1	
	44306-4		RIB - Stabilizer, B.L. 23.58, L. H.	1	
-20	47532-7		BRACKET	2	
-21	44307-3		RIB - Stabilizer, B.L. 35.37, L. H.	1	
	44307-4		RIB - Stabilizer, B.L. 35.37, R. H.	1	
-22	44308-3		RIB - Stabilizer, B.L. 47.16, L. H.	1	
	44308-4		RIB - Stabilizer, B.L. 47.16, R. H.	1	
-23	44309-3		RIB - Stabilizer, B.L. 58.95, L. H.	1	

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HORIZONTAL STABILIZER
ASSEMBLY



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SECTION III
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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
	44309-4		RIB - Stabilizer, B.L. 58.95, R.H.	1	One & Up
27-24	44311-3		COVER - Access, Stabilizer	2	
-25	44312-5		SKIN - Stabilizer, L.H.	1	
	44312-6		SKIN - Stabilizer, R.H.	1	
-26	44312-7		SKIN - Stabilizer, L.H.	1	
	44312-8		SKIN - Stabilizer, R.H.	1	
	44313-1		HINGE ASSEMBLY - Elevator Center, L.H.	1	
	44313-2		HINGE ASSEMBLY - Elevator Center, R.H.	1	
-27	44313-3		HINGE - Elevator Center	2	
-28	60184		BEARING (F316G, Compo 66H, Bound Brook)	2	
-29	44314-3		SUPPORT - Hinge, Stabilizer	1	
	44314-4		SUPPORT - Hinge, Stabilizer	1	
	47527-1		BRACKET ASSEMBLY - Elevator Trim	1	
-30	47527-3		BRACKET - Elevator Trim	1	
-31	47527-5		ANGLE - Elevator Trim	3	
-32	47527-7		BRACKET - Elevator Trim	1	
-33	50051		BOLT (AN3-6A)	8	
-34	50851		BOLT (AN4-5A)	8	
-35			SCREW (AN525-832-6)	8	
-36	58740		WASHER (AN960-10)	8	
-37	58750		WASHER (AN960-10L)	4	
-38	58780		WASHER (AN960-416L)	8	
-39	A2172		NUT (MS20365-428)	8	
-40	A2167		NUT (MS20365-1032)	4	
-41			NUT PLATE (MS21053-L3)	4	
-42			NUT PLATE (22NAI-048, Esna Corp.)	2	
-43			NUT PLATE (C8107-832, Tinnerman)	8	

When Ordering. Always Specify Part Number, Nomenclature
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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
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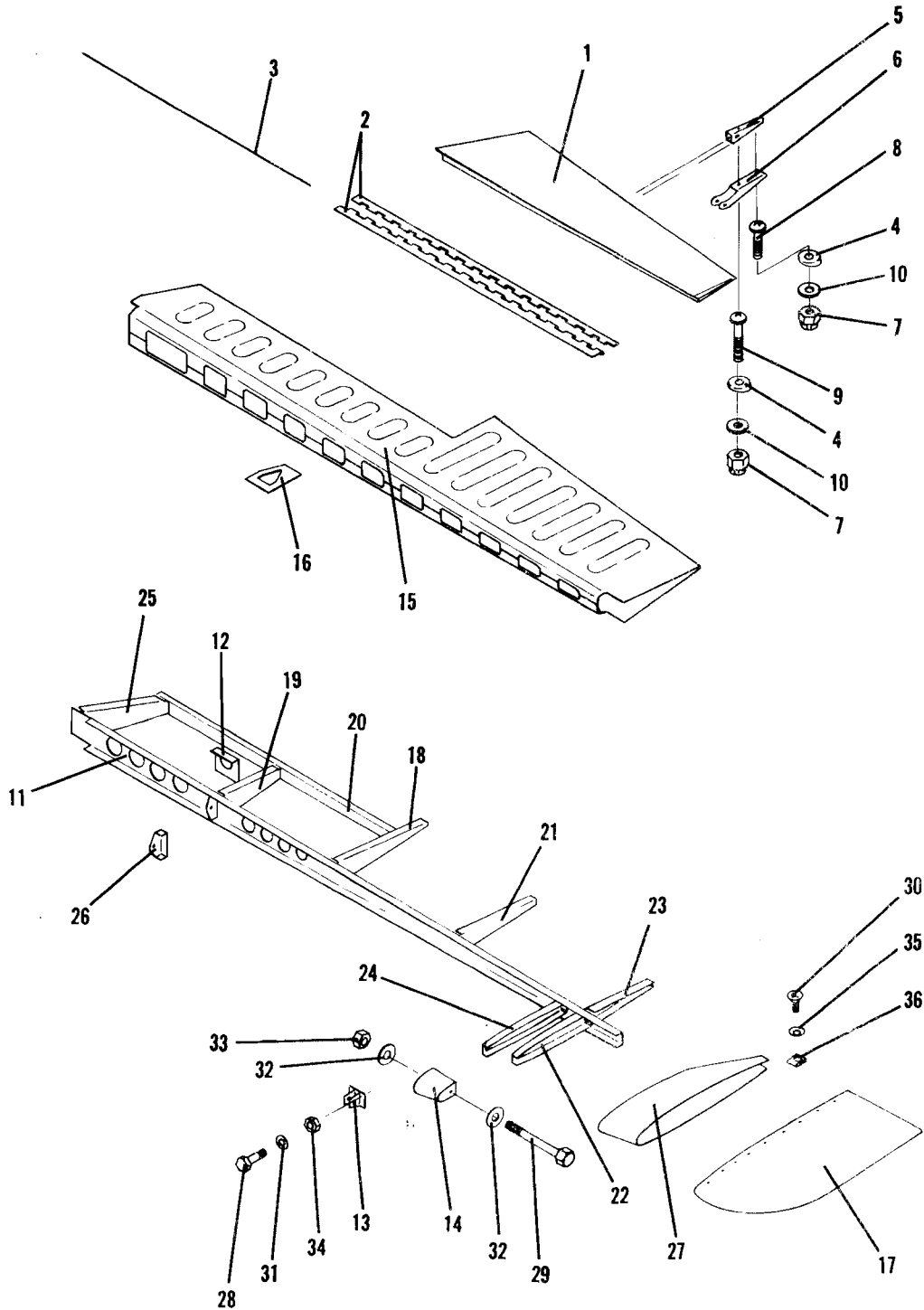


Figure 28. Elevator and Trim Tab Assembly



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
	44017-1		ELEVATOR ASSEMBLY, L. H.	1	One & Up
	44017-2		ELEVATOR ASSEMBLY, R. H.	1	
	44020-1		TRIM TAB ASSEMBLY - Elevator, L. H.	1	
	44020-2		TRIM TAB ASSEMBLY - Elevator, R. H.	1	
28-1	44020-3		SKIN - Trim Tab, L. H.	1	
	44020-4		SKIN - Trim Tab, R. H.	1	
-2	44020-5		HINGE HALF - Elevator Trim Tab	4	
-3	44020-7		HINGE PIN - Elevator Trim Tab	2	
-4	40141-1		SHIM	4	
-5	44336-3		RIB - Elevator Trim Tab	2	
-6	44337-3		HORN - Elevator Trim Tab	2	
-7	55599		NUT (AN365-1032)	4	
-8	56631		SCREW (AN525-10-16)	2	
-9			SCREW (AN525-10-24)	2	
-10	58770		WASHER (AN960-416L)	4	
	44211-7		SPAR ASSEMBLY - Elevator Fwd., L. H.	1	
	44211-8		SPAR ASSEMBLY - Elevator Fwd., R. H.	1	
-11	44211-9		SPAR - Elevator, L. H.	1	
	44211-10		SPAR - Elevator, R. H.	1	
-12	44211-11		DOUBLER - Elevator Spar, L. H.	1	
	44211-12		DOUBLER - Elevator Spar, R. H.	1	
-13	44285-1		FITTING - Elevator Forward Spar	2	
-14	44322-3		BALANCE WEIGHT - Elevator	2	
	44323-1		SKIN ASSEMBLY - Elevator, L. H.	1	
	44323-2		SKIN ASSEMBLY - Elevator, R. H.	1	
-15	44323-11		SKIN - Elevator, L. H.	1	
	44323-12		SKIN - Elevator, R. H.	1	
-16	44323-13		DOUBLER - Elevator	2	
-17	44324-3		TIP - Elevator	2	
-18	44325-3		RIB - Elevator, B.L. 39.60	2	
-19	44326-3		RIB - Elevator, B.L. 23.482	2	
-20	44327-3		SPAR - Elevator, Aft	2	
-21	44328-3		RIB - Elevator, B.L. 56.25	2	
-22	44329-3		RIB - Elevator, B.L. 73.78	2	

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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
28-23	44330-3		RIB - Elevator, B.L. 73.78, Aft	2	One & Up
-24	44331-3		RIB - Elevator, B.L. 70.75	2	
-25	44332-3		RIB - Elevator, Root	2	
-26	44333-3		HINGE - Elevator, Center	4	
-27	44335-3		SKIN - Elevator Balance	2	
-28	50026		BOLT (AN3-5A)	8	
-29	51440		BOLT (AN4-34A)	2	
-30	59636		SCREW (AN507-832R7)	36	
-31	58750		WASHER (AN960-10L)	16	
-32	58770		WASHER (AN960-416L)	4	
-33	A2172		NUT (MS20365-428)	2	
-34	A2167		NUT (MS20365-1032)	8	
-35			WASHER (A3135-.017-1 Tinnerman)	36	
-36	59493		NUT (C8107-832 Tinnerman)	36	

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Section IV

FUEL SYSTEM GROUP

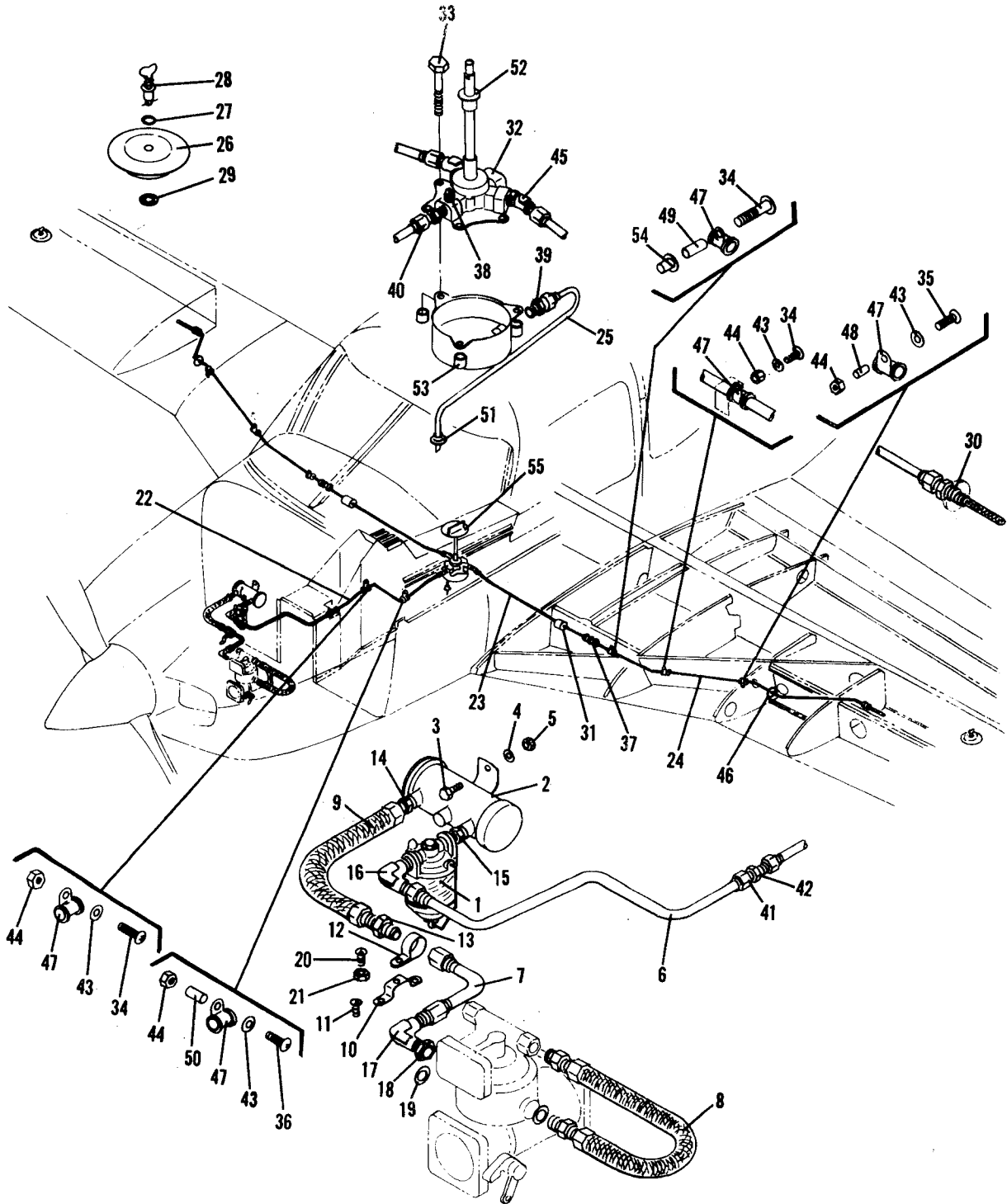


Figure 29. Fuel System Installation



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
	46001-1		FUEL SYSTEM INSTALLATION - Engine Compartment	1	One & Up
29-1	46094-3		GASCOLATOR	1	
-2	48216-1		AUXILIARY FUEL PUMP ASSEMBLY	1	
-3	50826		BOLT (AN4-4A)	2	
-4	58760		WASHER (AN960-416)	2	
-5	A2172		NUT (MS20365-428)	2	
-6	46099-41		FUEL LINE ASSEMBLY	1	
-7	46099-70		FUEL LINE ASSEMBLY	1	
-8	46136-1		HOSE ASSEMBLY	1	
-9	46136-7		HOSE ASSEMBLY	1	
-10	46189-1		SUPPORT-Clamp	1	
-11	46190-1		SCREW	2	
-12	57420		CLAMP (AN742-12)	1	
-13	57568		UNION (AN815-6)	2	
-14	P7575		NIPPLE (AN816-6-2)	1	
-15	61403		NIPPLE (C3069X4X2, Weatherhead Co.)	1	
-16	61402		ELBOW (C5405X8X4, Weatherhead Co.)	1	
-17	58038		ELBOW (AN833-6)	1	
-18	58399		NUT (AN924-6)	1	
-19	65945		GASKET (MS29512-06)	2	
-20	59689		SCREW (AN526-1032-7)	1	
-21	55602		NUT (AN365-1032C)	1	
	48501-1		FUEL SYSTEM INSTALLATION - Cabin & Wings	1	
-22	46099-1		FUEL LINE-Fuselage, Console	1	
-23	46099-3		FUEL LINE-Fuselage, L. II.	1	
	46099-4		FUEL LINE-Fuselage, R. II.	1	
-24	46099-5		FUEL LINE-Wing	2	
-25	46099-7		FUEL LINE-Drain	1	
	48514-1		FILLER CAP ASSEMBLY	2	
-26	48522-1		MOULDING	2	
-27			O-RING (MS29513-012)	2	
-28	63328		STUD (2600SW-22, Camloc)	2	
-29	63959		RETAINER (2600LW, Camloc)	2	
-30	48528-1		STRAINER ASSEMBLY	2	

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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
29-31	48513-1		SEAL	2	One & Up
-32			FUEL SELECTOR ASSEMBLY (A-400-1 Gerdes)	1	
-33	50075		BOLT (AN3-7)	3	
-34	56844		SCREW (AN526-1032-8)	5	
-35	56870		SCREW (AN526-1032-12)	2	
-36	56880		SCREW (AN526-1032-14)	1	
-37	57575		UNION (AN815-8D)	2	
-38	57585		NIPPLE (AN816-2D)	1	
-39	57605		NIPPLE (AN816-4D)	1	
-40	57640		NIPPLE (AN816-8D)	1	
-41	A1421		UNION (AN832-8)	1	
-42	58409		NUT (AN924-8)	1	
-43	58750		WASHER (AN960-10L)	6	
-44	A2167		NUT (MS20365-1032)	6	
-45	A2231		ELBOW (MS20823-8J)	2	
-46	66155		GROMMET (MS35489-155)	2	
-47	65725		CLAMP (MS21919DG8)	8	
-48	68244		SPACER (NAS43DD3-10)	2	
-49			SPACER (NAS43DD3-16)	2	
-50	68245		SPACER (NAS43DD3-28)	1	
-51	59382		BUSHING (SB437-4 Heyco)	1	
-52	59413		BUSHING (SB437-5 Heyco)	1	
-53	60268		BUSHING (P20-3 Bearing & Drives Inc.)	3	
-54			NUT (#10S Molly Co.)	2	
-55			KNOB ASSEMBLY (A1030 Gerdes)	1	

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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
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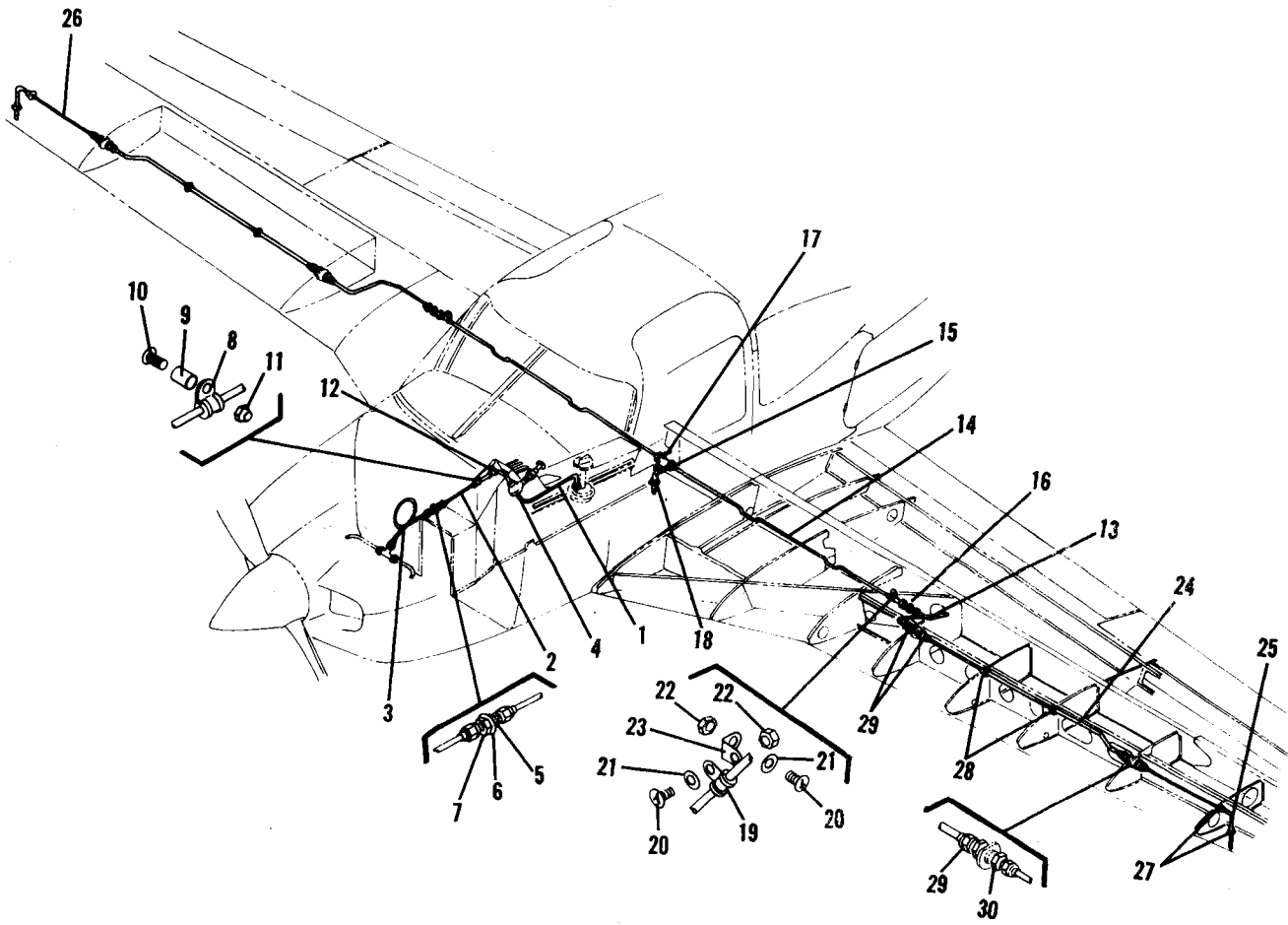


Figure 30. Primer and Vent Line System Installation



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
30-1	46012-1		PRIMER SYSTEM INSTALLATION	1	One & Up
-2	46099-19		TUBE ASSEMBLY - Console	1	
-3	46099-21		TUBE ASSEMBLY - Aft, Firewall	1	
-4	46099-23		TUBE ASSEMBLY - Forward, Firewall	1	
-5	P5236		PRIMER PUMP (K-2402-2, Kohler Co.)	1	
-6	57999		UNION (AN832-2)	1	
-7	P0264		WASHER (AN960-516)	1	
-8	58369		NUT (AN924-2)	1	
-9	65674		CLAMP (MS21919-2)	1	
-10	68242		SPACER (NAS43DD3-24)	1	
-11	56623		SCREW (AN520-10R13)	1	
-12	65076		NUT (MS20365-1032C)	1	
	65674		CLAMP (MS21919-2)	1	
	59690		SCREW (AN520-10R7)	1	
	65076		NUT (MS20365-1032C)	1	
	48509-1		VENT LINE SYSTEM INSTALLATION	1	
-13	48524-1		VENT LINE ASSEMBLY, L.H. - Center	1	
	48524-2		VENT LINE ASSEMBLY, R.H. - Center	1	
-14	48525-1		VENT LINE ASSEMBLY, L.H. - Inboard	1	
	48525-2		VENT LINE ASSEMBLY, R.H. - Inboard	1	
-15	48526-1		VENT LINE ASSEMBLY - BL 0.0	1	
-16	57567		UNION (AN815-6D)	2	
-17	57970		TEE (AN824-6D)	1	
-18	59386		BUSHING (SB562-6, Heyco)	1	
-19	65660		CLAMP (MS21919DG6)	2	
-20	56841		SCREW (AN526-1032-4)	4	
-21	58750		WASHER (AN960-10L)	4	
-22	A2167		NUT (MS20365-1032)	4	
-23	48819-1		CLIP	2	
-24	48518-1		TUBE ASSEMBLY - Tank	2	
-25	46099-25		TUBE ASSEMBLY - L.H.	1	
-26	46099-26		TUBE ASSEMBLY - R.H.	1	
-27	59382		BUSHING (SB-437-4, Heyco)	4	
-28	59412		BUSHING (OCB-875-7, Heyco)	4	
-29	A1346		NIPPLE (AN816-61D)	6	
-30	57604		NIPPLE (AN816-4-41D)	2	

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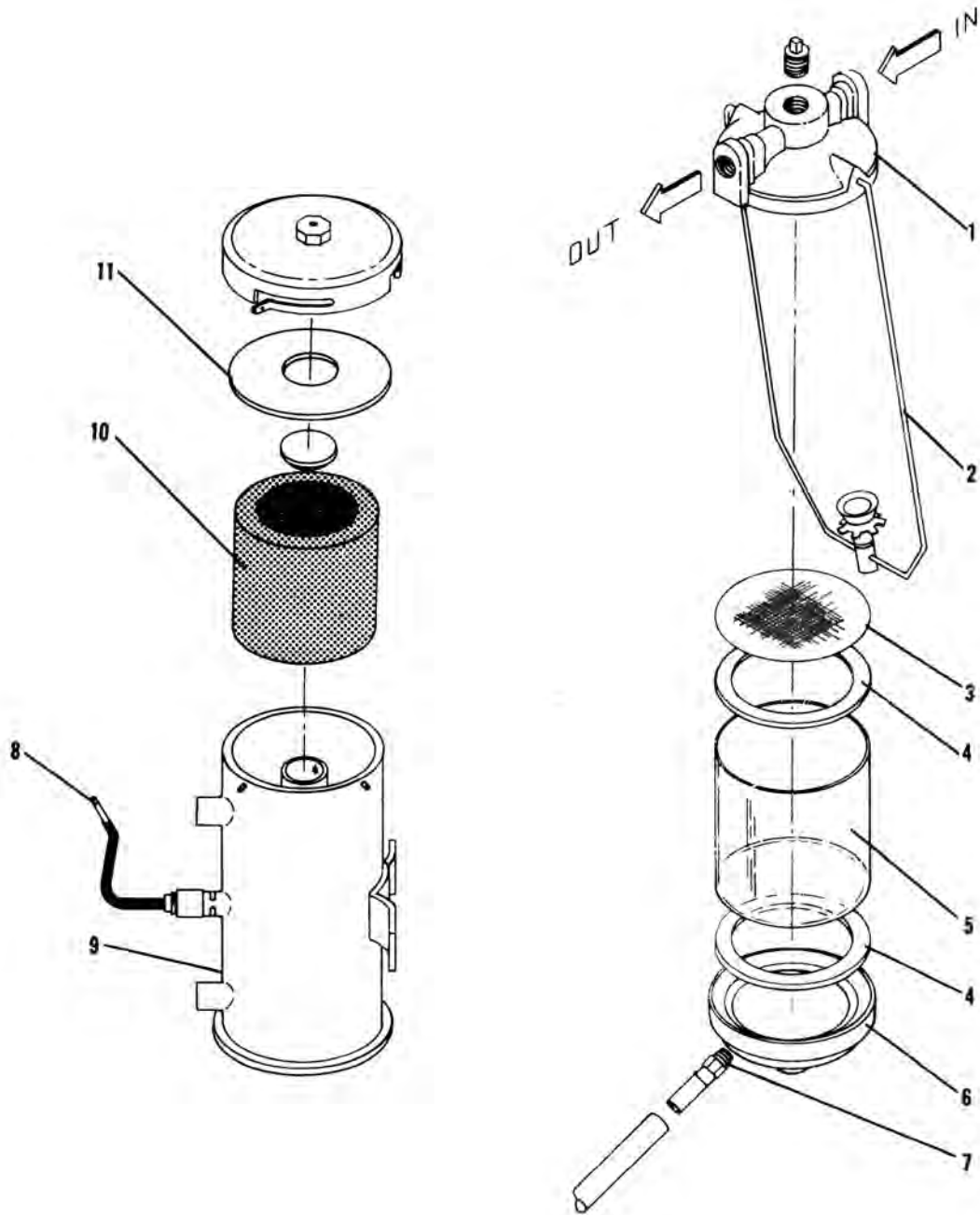


Figure 31. Gascolator and Fuel Pump Installation



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
31-1	46094-1		GASCOLATOR ASSEMBLY - Fuel	1	One & Up
-2	61098		COVER (500 BP, Kem Mfg. Co.)	1	
-3	P6499		WIRE BAIL (No. 8, Latour)	1	
-4	P5520		SCREEN (130P, Kem Mfg. Co.)	1	
-5	P4113		GASKET - Coprene (No. 8, Latour)	2	
-6	P4526		GLASS BOWL (No. 8, Latour)	1	
-7	P3533		CASTING - Bottom (No. 8, Latour)	1	
-8	61123		DRAIN VALVE (CAV-110H-4, Saf-Air Co.)	1	
-9	48216		AUXILIARY FUEL PUMP ASSEMBLY	1	
-10	63683		QUICK DISCONNECT (32448, Amp, Inc.)	1	
-11	P5288		FUEL PUMP (478360, Bendix Corp.)	1	
	P3966		FILTER - Screen (479135, Bendix Corp.)	1	
	P4128		GASKET - Cover (479136, Bendix Corp.)	1	

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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
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Section V

POWER PLANT GROUP

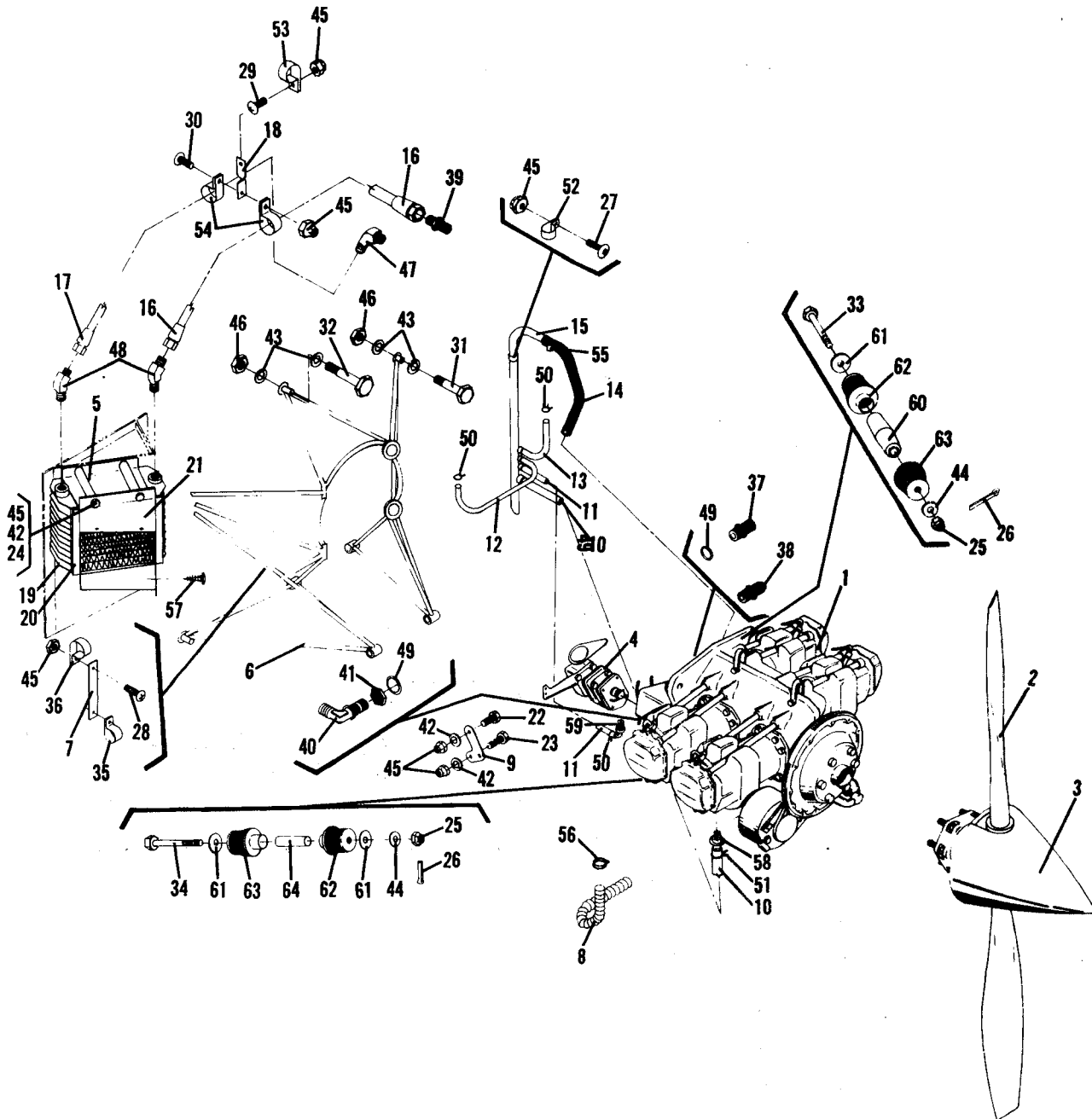


Figure 32. Power Plant Installation



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
	46000-1		DRAWING - Power Plant Installation		One & Up
32-1			ENGINE - (Lycoming O-360-A1G6)	1	
-2	62530		PROPELLER - (Hartzell #HC-E2Y (K, R)-1B/7666A)	1	
-3	63195		SPINNER ASSEMBLY (Hartzell #C-3533)	1	
			SPINNER ASSEMBLY (Hartzell #C-3533P) Polished	1	
-4	46201-1		GOVERNOR-Propeller	1	
	46315-1		GOVERNOR-Propeller	1	
-5	40111-3		BUSHING-Grip	4	
-6	46009-1		MOUNT ASSEMBLY-Engine & Nose Gear	1	
-7	46024-1		STRAP-Gascolator Support	1	
-8	46050-17		AIR DUCT-Tabulated	1	
-9	46078-1		EXTENSION-Mixture Control	1	
-10	46092-3		HOSE-Tabulated	1	
-11	46092-5		HOSE-Tabulated	1	
-12	46092-7		HOSE-Tabulated	1	
-13	46092-9		HOSE-Tabulated	1	
-14	46092-11		HOSE-Tabulated	1	
-15	46101-1		TUBE ASSEMBLY-Engine Breather	1	
-16	46136-3		HOSE ASSEMBLY	1	
-17	46136-5		HOSE ASSEMBLY	1	
-18	46188-1		SUPPORT-Oil Hose	1	
-19	46194-1		OIL COOLER	1	
	46196-1		ADAPTER ASSEMBLY-Oil Cooler	1	
-20	46046-15		SEAL.-Tabulated	2	
-21	46197-1		ADAPTER-Oil Cooler	1	
-22	50026		BOLT(AN3-5A)	1	
-23	50076		BOLT(AN3-7A)	1	
-24			BOLT (AN3-41)	4	
-25	54475		NUT (AN310-7)	4	
-26	55750		COTTER PIN (AN380-3-3)	4	
-27	56615		SCREW (AN520-10R8)	2	
-28	56844		SCREW (AN526-1032-8)	2	
-29	A1043		SCREW (AN526-1032R8)	1	
-30	A1013		SCREW (AN526-1032R10)	1	
-31	52474		BOLT (AN6-22A)	4	
-32			BOLT (AN6-45A)	1	
-33	52942		BOLT (AN7-43)	2	
-34	52945		BOLT (AN7-44)	2	
-35	57409		CLAMP (AN7421010)	1	

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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
32-36	57452		CLAMP (AN742D18C)	1	One & Up
-37	57568		UNION (AN815-6)	1	
-38	57619		NIPPLE (AN816-6)	1	
-39	57629		NIPPLE (AN816-8)	1	
-40	58038		ELBOW (AN833-6)	1	
-41	58399		NUT (AN924-6)	1	
-42	58740		WASHER (AN960-10)	6	
-43	58794		WASHER (AN960-616L)	10	
-44	58800		WASHER (AN960-716)	4	
-45	65076		NUT (MS20365-1032C)	12	
-46	65077		NUT (MS20365-624C)	5	
-47	A2227		FITTING (MS20823-8)	1	
-48	A2231		FITTING (MS20823-8D)	2	
-49	65945		GASKET (MS29512-06)	2	
-50			CLAMP (SAE#8)	6	
-51			CLAMP (SAE#14)	2	
-52			CLAMP (A2980-A12, Tinnerman Corp.)	2	
-53			CLAMP (C3046A-12-92, Tinnerman Corp.)	1	
-54			CLAMP (C3046A-18-92, Tinnerman Corp.)	2	
-55	60867		CLAMP (CS8 Type F, Murray Corp.)	2	
-56	60785		CLAMP (102100, Murray Corp.)	2	
-57	59193		SCREW (#8 Sheet Metal Type A Truss Head .50 long)	4	
-58			OIL DRAIN VALVE (HDLF, Handy Drain)	1	
-59			FUEL DRAIN (Q-22440, Q-E Mfg. Co.)	1	
-60	61095		DAMPER (J-12334-1, Lord Mfg. Co.)	2	
-61	63969		WASHER (J-2218-61, Lord Mfg. Co.)	6	
-62	62274		MOUNT (J-7763-1, Lord Mfg. Co.)	4	
-63	62271		MOUNT (J-9612-8, Lord Mfg. Co.)	4	
-64	63174		SPACER (Y-16440-2-148, Lord Mfg. Co.)	2	

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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
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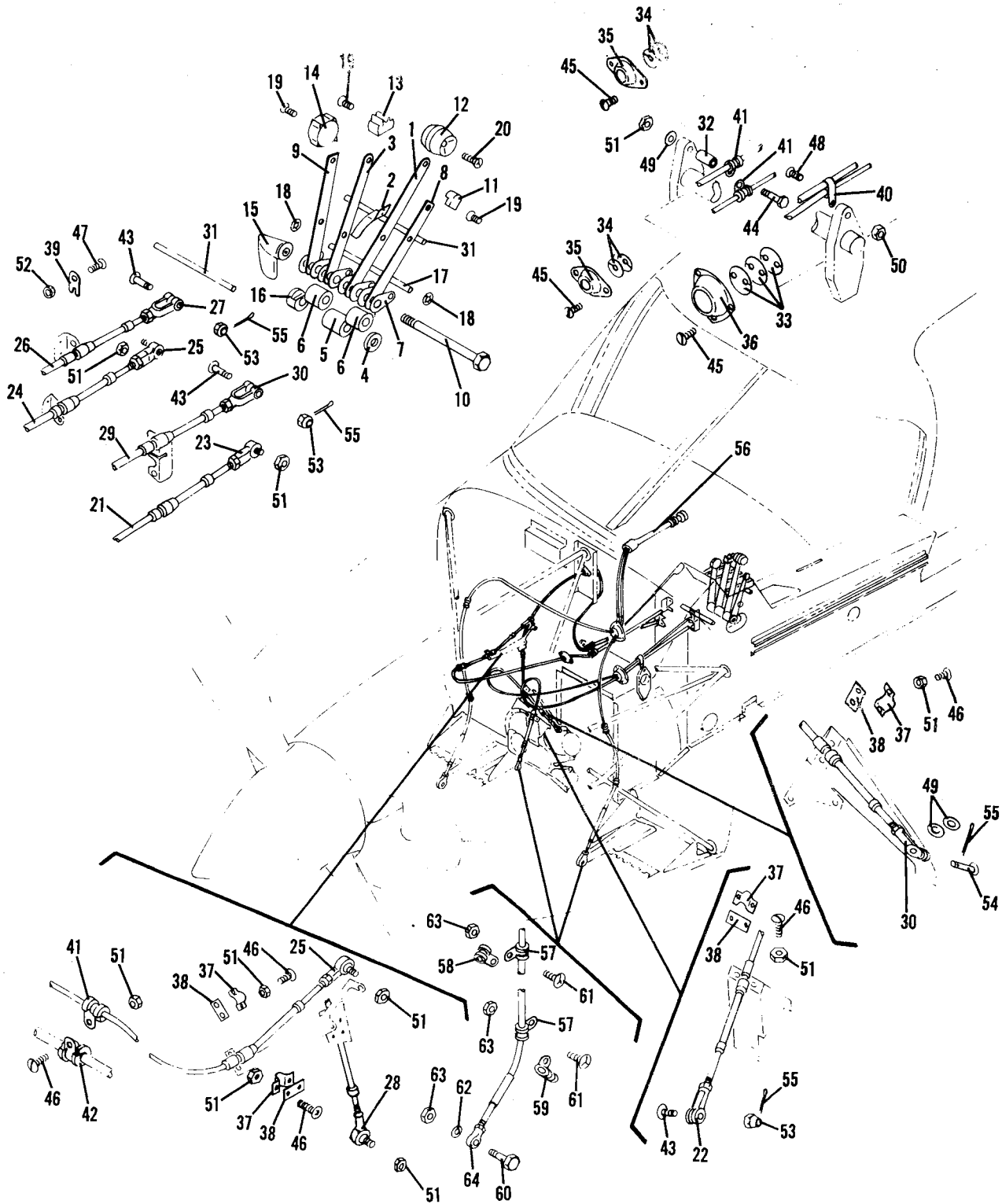


Figure 33. Engine and Cowl Flap Controls Installation



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
			ENGINE CONTROLS INSTALLATION		One & Up
	46115-1		QUADRANT ASSEMBLY	1	
33-1	46111-1		THROTTLE ASSEMBLY	1	
	46116-1		THROTTLE LEVER	1	
-2	46112-1		BRACKET	1	
-3	46117-1		LEVER - Propeller	1	
-4	46126-1		SPACER	1	
-5	46126-3		SPACER	1	
-6	46126-5		SPACER	2	
-7	46127-1		PLATE - Friction	8	
-8	46133-1		LEVER - Carburetor Heat	1	
-9	46133-3		LEVER - Mixture	1	
-10	46134-1		BOLT	1	
-11	46206-1		KNOB - Carburetor Heat	1	
-12	46207-1		KNOB - Throttle	1	
-13	46208-1		KNOB - Propeller	1	
-14	46209-1		KNOB - Mixture	1	
-15	46211-1		HANDLE	1	
-16	46211-3		BUSHING	1	
-17	46212-1		ROD	1	
-18	59026		NUT (P18843 Crest Products, Inc.)	2	
-19	65774		SCREW (MS24693C27)	3	
-20			SCREW (MS24693C31)	1	
	46135-1		CONTROL CABLE ASSEMBLY - Throttle	1	
-21			CONTROL CABLE (A-900-1 Gerdes Products)	1	
-22	66183		CLEVIS (MS35812-1)	1	
-23	60070		BALL JOINT (SPF-3S Superior Corp Alternate AN316 Tourek)	1	
	46135-3		CONTROL CABLE ASSEMBLY - Propeller	1	
-24			CONTROL CABLE (A-900-2 Gerdes Products)	1	
-25			BALL JOINT (SPF-3S Superior Corp Alternate AN316 Tourek)	2	
	46135-5		CONTROL CABLE ASSEMBLY - Mixture	1	
-26			CONTROL CABLE (A-900-3 Gerdes Products)	1	
-27			CLEVIS (MS35812-1)	1	
-28			BALL JOINT (SPF-3S Superior Corp)	1	

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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
33-29	46135-7		CONTROL CABLE ASSEMBLY - Carburetor Heat	1	One & Up
-30			CONTROL CABLE (A-900-4 Gerdes Products)	1	
-31	40111-11		CLEVIS (MS35812-1)	2	
-32	40111-35		BUSHING	2	
-33	46202-3		BUSHING	1	
-34	46202-5		FIREWALL GROMMET	3	
-35	61573		FIREWALL GRAMMET	4	
-36	61574		GROMMET HOLDER (MT340 Arens Controls)	2	
-37	58963		GROMMET HOLDER (MT342 Arens Controls)	1	
-38	62762		CLAMP (A32010 Morse Controls)	4	
-39	58962		SHIM (A35777 Morse Controls)	4	
-40	58961		CLAMP (RA-1039-ZN Acco Co.)	4	
-41	65659		CLAMP (C5652S-031-4, Tinnerman Products)	1	
-42	65705		CLAMP (MS21919DG4)	3	
-43	53253		CLAMP (MS21919DG12)	1	
-44	50201		BOLT (AN23-12)	3	
-45	56598		BOLT (AN3-14A)	1	
-46	56643		SCREW (AN520-10-5)	7	
-47	56639		SCREW (AN520-10-7)	9	
-48	56798		SCREW (AN520-416-10)	4	
-49	58740		SCREW (AN526-832-10)	1	
-50	65079		WASHER (AN960-10)	3	
-51	65076		NUT (MS20365-832 C)	1	
-52	55401		NUT (MS20365-1032C)	14	
-53	54375		NUT (MS20365-428C)	4	
-54	P6535		NUT (AN310-3)	3	
-55	A2327		CLEVIS PIN (MS20392-2C15)	1	
	46016-1		COTTER PIN (MS24665-132)	4	
-56	46073-1		CONTROLS INSTALLATION - Cowl Flaps		
-57			PUSH PULL CONTROL - Twin Cable	1	
-58			CLAMP (MS21919-4)	4	
-59			CLAMP (MS21919-10)	2	
-60	50076		CLAMP (MS21919-12)	2	
-61			BOLT (AN3-7A)	2	
-62			SCREW (AN520-10R8)	4	
-63			WASHER (AN960-10)	2	
-64			NUT (MS20365-1032C)	6	
			BALL JOINT (SPF-3 Superior)	2	

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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
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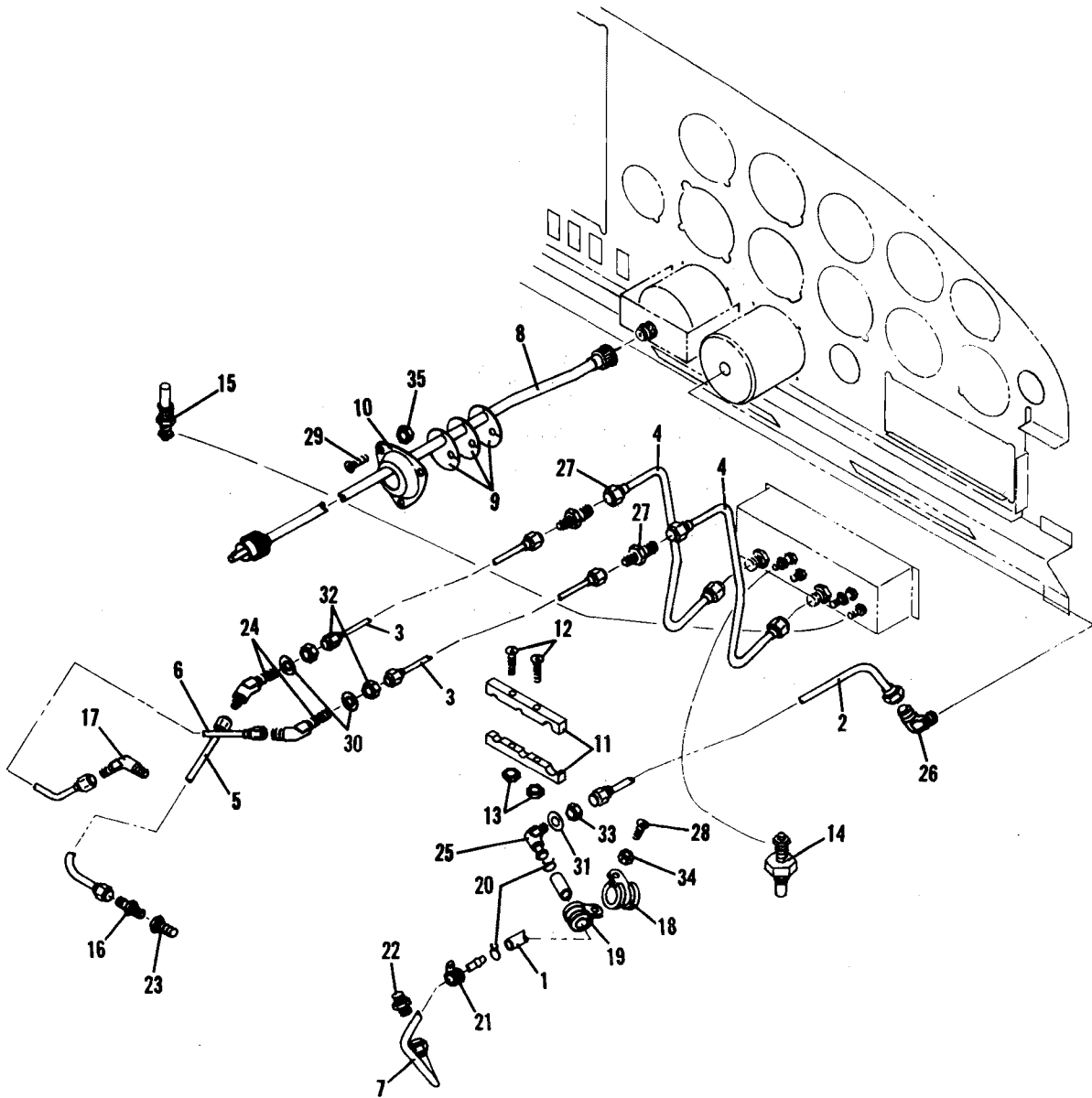


Figure 34. Engine Instruments Installation



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
	46003-1		ENGINE INSTRUMENTS INSTALLATION	1	One & Up
34-1	46092-1		HOSE - Manifold Pressure	1	
-2	46099-9		TUBE ASSEMBLY - Manifold Pressure	1	
-3	46099-11		TUBE ASSEMBLY - Fuel & Oil Pressure	2	
-4	46099-13		TUBE ASSEMBLY - Fuel & Oil Pressure	2	
-5	46099-15		TUBE ASSEMBLY - Fuel Pressure	1	
-6	46099-17		TUBE ASSEMBLY - Oil Pressure	1	
-7	46090-1		TUBE ASSEMBLY - Manifold Pressure	1	
-8	46100-1		TACHOMETER SHAFT ASSEMBLY	1	
-9	46202-1		GROMMET - Firewall	3	
-10	61574		GROMMET HOLDER (MT342, Arens)	1	
	46096-1		CLAMP - Tube Assembly	1	
-11	46097-1		CLAMP - Tube	2	
-12	56796		SCREW (AN526-832R18)	2	
-13	65079		NUT (MS20365-832C)	2	
-14	61804		OIL TEMPERATURE UNIT (3342, Stewart Warner)	1	
-15	61803		CYLINDER HEAD TEMPERATURE UNIT (334Y, Stewart Warner)	1	
-16	46093-1		FITTING - Restricted, Fuel Pressure	1	
-17	46080-1		FITTING - Restricted, Oil Pressure	1	
-18	60832		CLAMP (C3046A-12-92, Tinnerman)	1	
-19	60829		CLAMP (C3046A-8-92, Tinnerman)	1	
-20	60844		CLAMP (SAE 8)	2	
-21	60828		CLAMP (C-9991-4, Tinnerman)	1	
-22	P0189		NIPPLE (AN816-4D)	1	
-23	58249		BUSHING (AN912-1)	1	
-24	58057		ELBOW (AN837-2)	2	
-25	58058		ELBOW (AN839-4J)	1	
-26	65506		ELBOW (MS20822-4)	1	
-27	58364		REDUCER (AN919-1)	2	
-28	56636		SCREW (AN526-832R8)	1	
-29	56845		SCREW (AN526-1032R5)	3	
-30	58780		WASHER (AN960-516)	2	
-31	A1636		WASHER (AN960-716)	1	
-32	58369		NUT (AN924-2)	2	
-33	58389		NUT (AN924-4)	1	
-34	65079		NUT (MS20365-832C)	1	
-35	65076		NUT (MS20365-1032C)	3	

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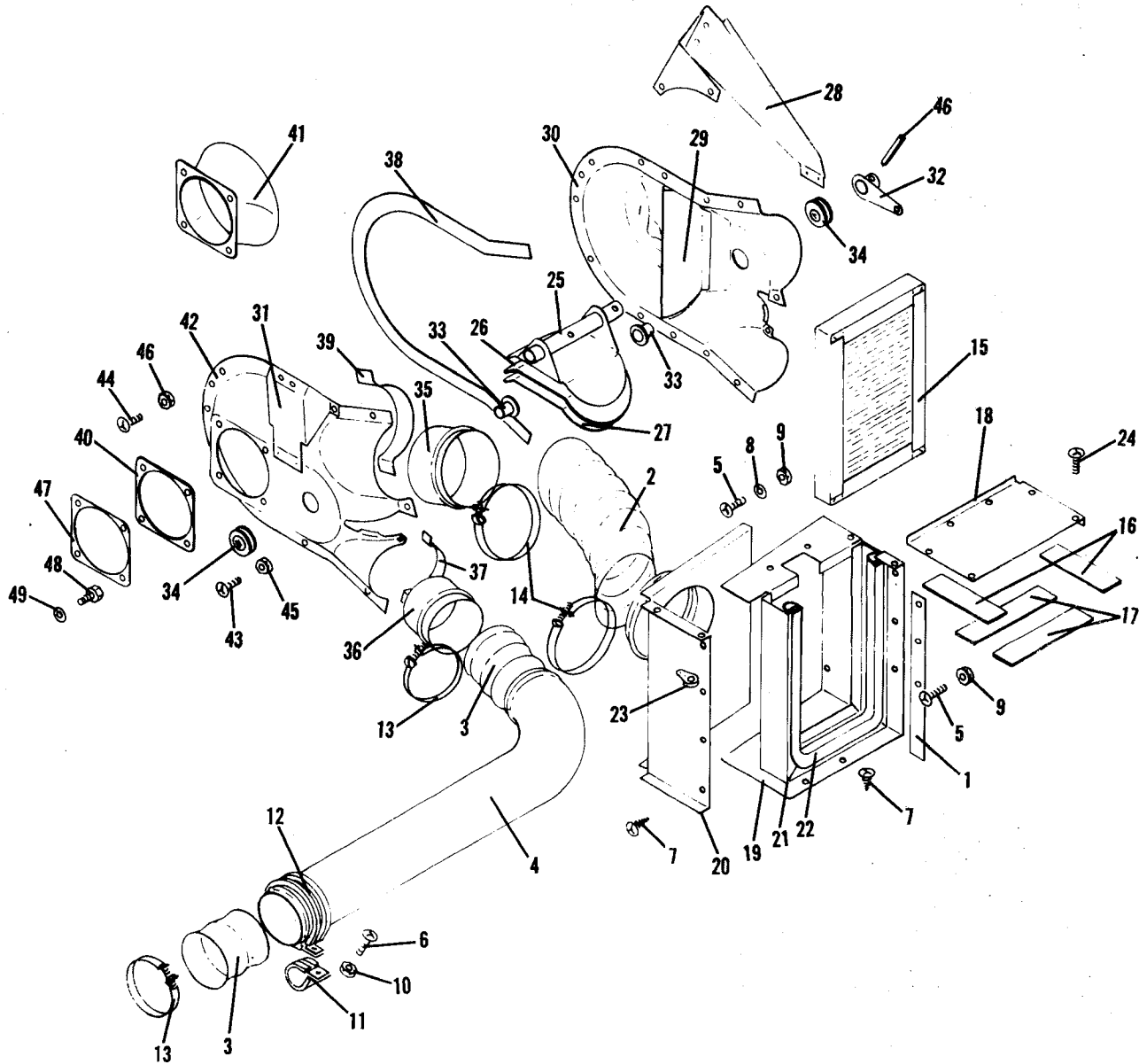


Figure 35. Induction Air System Installation



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
			INDUCTION AIR SYSTEM INSTALLATION		One & Up
35-1	46044-1		FILLER	1	
-2	46050-1		AIR DUCT	1	
-3	46050-19		AIR DUCT	2	
-4	46118-1		DUCT ASSEMBLY	1	
-5	56636		SCREW (AN526-832R8)	5	
-6	56860		SCREW (AN526-1032R10)	2	
-7	P7820		SCREW (No. 8, Type A Truss Head)	6	
-8	58718		WASHER (AN960-8)	4	
-9	65079		NUT (MS20365-832C)	5	
-10	65076		NUT (MS20365-1032C)	2	
-11	60832		CLAMP (C3046A-12-92, Tinnerman Inc.)	2	
-12	65723		CLAMP (MS21919DG50)	2	
-13	60843		CLAMP (S3-1160, Murray Corp.)	4	
-14	60842		CLAMP (S3-9160, Murray Corp.)	2	
	46040-1		BOX ASSEMBLY - Complete Air Filter	1	
-15	61431		FILTER (124748-019, Air Maze Div.)	1	
	46041-1		COVER ASSEMBLY	1	
-16	46046-3		SEAL	2	
-17	46046-5		SEAL	2	
-18	46047-1		COVER	1	
	46048-1		BOX ASSEMBLY - Air Filter	1	
-19	46051-1		BOX - Air filter	1	
-20	46054-1		TAKEOFF ASSEMBLY	1	
-21	46045-1		CHANNEL	1	
-22	46182-1		SEAL	1	
-23	68296		NUTPLATE (NAS682-A08)	6	
-24	56636		SCREW (AN526-832R8)	6	
	46141-1		BOX ASSEMBLY - Induction Air	1	
	46043-1		VALVE ASSEMBLY - Carburetor Heat	1	
-25	46039-1		PLATE ASSEMBLY	1	
-26	46038-1		SEAL	1	
-27	46036-1		PLATE	1	
-28	46049-1		BRACKET - Air Box	1	
	46214-1		UPPER PAN ASSEMBLY - Air Box	1	
-29	46213-1		BAFFLE - Upper Pan	1	
-30	46059-1		UPPER PAN - Air Box	1	
-31	46113-1		BRACKET - Throttle Control Cable	1	
-32	46138-1		ARM ASSEMBLY - Carburetor Heat Valve	1	

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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
35-33			BUSHING (6L6-F, Thomson Industries)	2	One & Up
-34	58476		GROMMET (AN931-6-16)	2	
	46140-1		LOWER PAN ASSEMBLY - Air Box	1	
-35	46042-3		TAKE OFF	1	
-36	46042-5		TAKE OFF	1	
-37	46046-9		SEAL	1	
-38	46046-11		SEAL	1	
-39	46046-13		SEAL	1	
-40	46056-1		PLATE	1	
-41	46057-1		BELL ASSEMBLY	1	
-42	46058-1		LOWER PAN	1	
-43	56611		SCREW (AN526-632R5)	9	
-44	56625		SCREW (AN526-632R6)	5	
-45	55476		NUT (MS20365-632C)	14	
-46			ROLL PIN (#52-032-156-0620 Esna)	1	
-47	46032-1		GASKET - Air Box	1	
-48	65039		BOLT (MS20074-04-05)	4	
-49	58760		WASHER (AN960-416)	4	

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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
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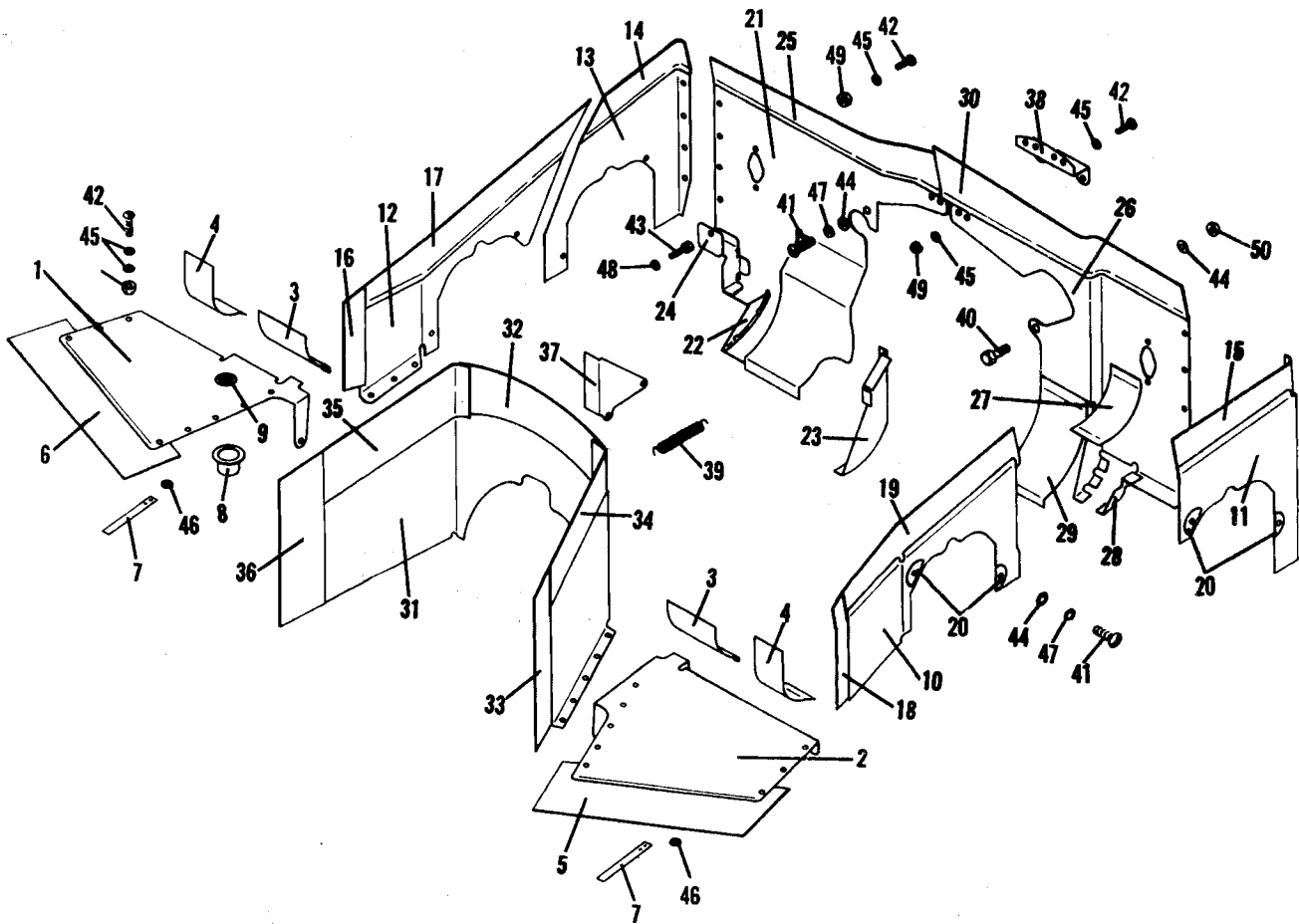


Figure 36. Baffle Installation



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
			BAFFLE INSTALLATION		One & Up
	46060-1		BAFFLE ASSEMBLY - Left Front	1	
	46063-1		BAFFLE ASSEMBLY - Right Front	1	
36-1	46064-1		BAFFLE - Right Front	1	
-2	46061-1		BAFFLE - Left Front	1	
-3	46085-1		COVER - Baffle	2	
-4	46086-1		COVER - Baffle	2	
-5	46062-17		SEAL	1	
-6	46062-19		SEAL	1	
-7	46122-1		SPRING - Flat	6	
-8	46098-1		TAKEOFF	1	
-9	46095-1		SCREEN	1	
	46065-1		BAFFLE ASSEMBLY - Left Side, Front	1	
	46067-1		BAFFLE ASSEMBLY - Left Side, Rear	1	
	46069-1		BAFFLE ASSEMBLY - Right Side, Front	1	
	46071-1		BAFFLE ASSEMBLY - Right Side, Rear	1	
-10	46066-1		BAFFLE - Left Side, Front	1	
-11	46068-1		BAFFLE - Left Side, Rear	1	
-12	46070-1		BAFFLE - Right Side, Front	1	
-13	46072-1		BAFFLE - Right Side, Rear	1	
-14	46062-5		SEAL	1	
-15	46062-7		SEAL	1	
-16	46062-9		SEAL	1	
-17	46062-11		SEAL	1	
-18	46062-13		SEAL	1	
-19	46062-15		SEAL	1	
-20	46105-1		REINFORCEMENT	8	
	46074-1		BAFFLE ASSEMBLY - Right Rear	1	
-21	46075-1		BAFFLE - Right Rear	1	
-22	46108-1		RIGHT FIN BAFFLE - Right Rear	1	
-23	46109-1		LEFT FIN BAFFLE - Right Rear	1	
-24	46084-1		BRACKET - Right Rear Baffle	1	
-25	46062-3		SEAL	1	
	46076-1		BAFFLE ASSEMBLY - Left Rear	1	
-26	46077-1		BAFFLE - Left Rear	1	
-27	46082-1		COVER - Baffle	1	

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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
36-28	46083-1		BRACKET - Baffle	1	
-29	46106-1		BAFFLE - Engine	1	
-30	46062-1		SEAL	1	
	46123-1		BAFFLE ASSEMBLY.- Front	1	
-31	46124-1		BAFFLE - Front	1	
-32	46125-1		SEAL	1	
-33	46062-41		SEAL	1	
-34	46062-43		SEAL	1	
-35	46062-45		SEAL	1	
-36	46062-47		SEAL	1	
-37	46150-1		BRACKET - Front Baffle	1	
-38	46107-1		BRACKET - Rear	1	
-39	63240		SPRING (LE037C-4, Lee Spring)	4	
-40	50876		BOLT (AN4-6A)	1	
-41	56596		SCREW (AN526-420-8)	12	
-42	56837		SCREW (AN526-832-8)	24	
-43	64999		CAP SCREW (MS16997-44)	1	
-44	58770		WASHER (AN960-416L)	13	
-45	58719		WASHER (AN960-8L)	40	
-46	58722		WASHER (AN960-6L)	18	
-47	66168		LOCK WASHER (MS35333-40)	12	
-48	58750		WASHER (AN960-10L)	1	
-49	A0398		NUT (MS20365-832)	24	
-50	A2172		NUT (MS20365-428)	1	

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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
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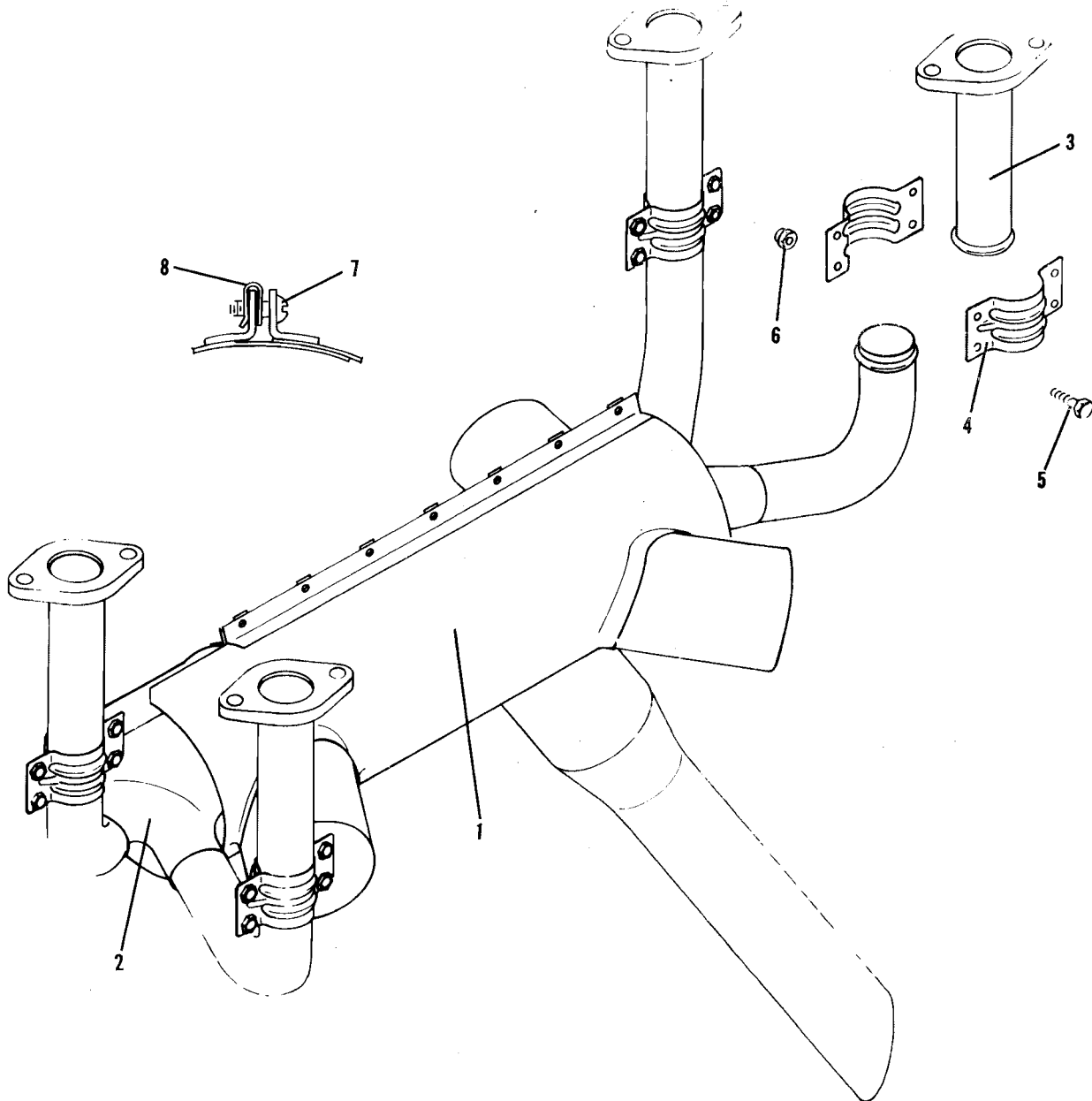


Figure 37. Engine Exhaust System Installation



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
37-1	46007-1		ENGINE EXHAUST SYSTEM INSTALLATION		One & Up
-2			MUFFLER ASSEMBLY (#099005-026, Elano Corp)	1	
			MUFFLER (#099005-142, Elano Corp.)	1	
			SHROUD ASSEMBLY (#099005-143, Elano Corp.)	1	
-3			RISER ASSEMBLY (#099005-120, Elano Corp)	4	
-4			CLAMP (#099005-401, Elano Corp.)	8	
-5	50627		BOLT (AN3-4A)	16	
-6	55149		NUT (MS20365-1032C)	16	
-7			SCREW (Type 8B/Z, Elano Corp.)	7	
-8			NUT (C6052-8Z-1, Tinnerman)	7	

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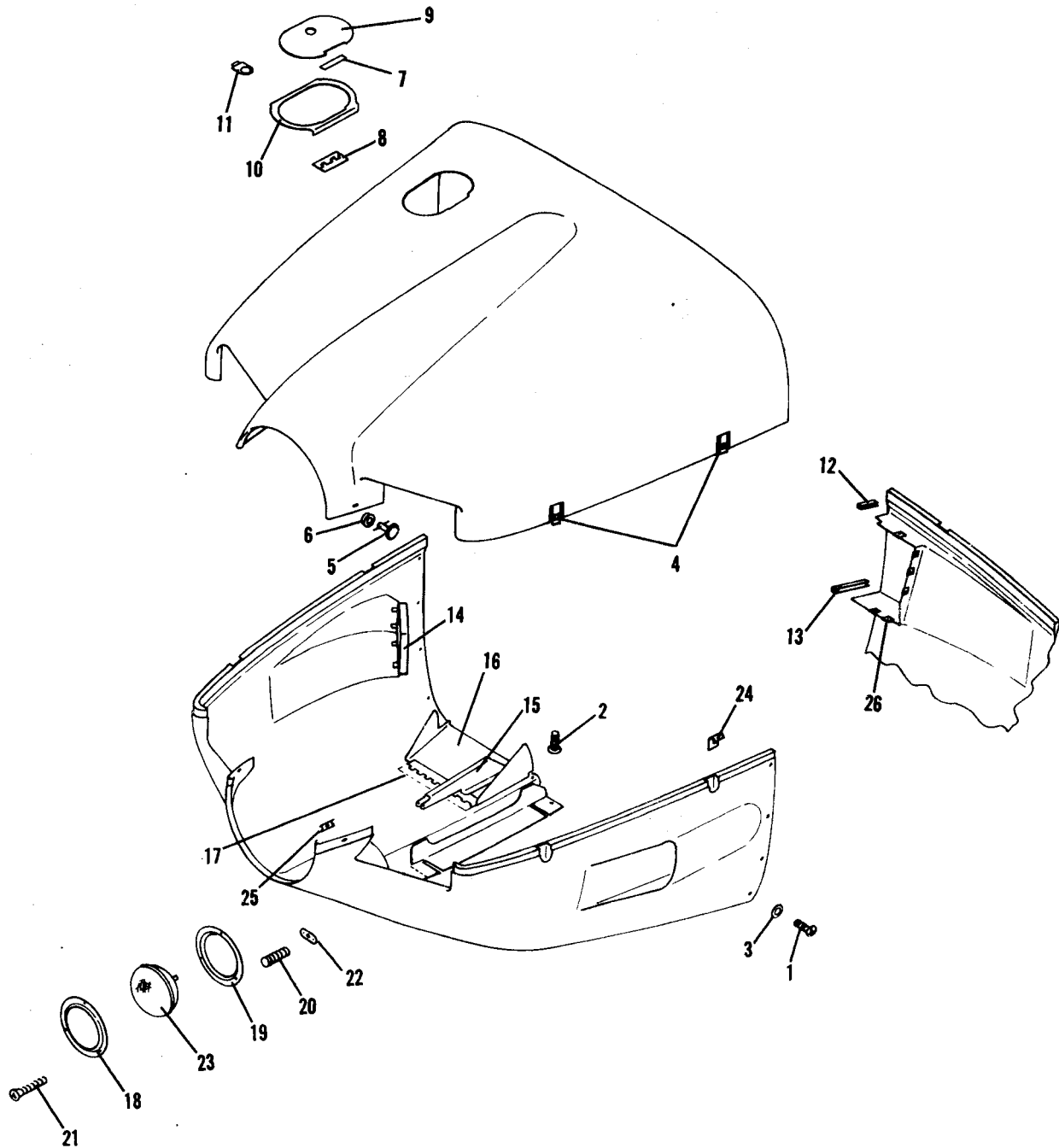


Figure 38. Cowling Installation



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
38-1	56854		COWLING INSTALLATION		One & Up
-2	56648		SCREW (AN526-1032-9)	10	
-3	58750		SCREW (AN525-10-11)	2	
	46151-1		WASHER (AN960-10L)	10	
-4	62148		COWLING ASSEMBLY - Top	1	
-5	63333		LATCH (51L5-1X1AA, Camloc)	4	
-6	63959		STUD (2600KA-5, Camloc)	2	
	46142-1		WASHER (2600LW, Camloc)	2	
-7	46143-1		DOOR ASSEMBLY - Oil Check	1	
-8	46144-1		SHIM	1	
-9	46145-1		HINGE	1	
-10	46146-1		DOOR - Oil Check	1	
-11	P4640		DOUBLER	1	
	46160-1		LATCH (KM610-32, Camloc)	1	
-12	46030-1		COWLING ASSEMBLY - Bottom	1	
-13	46030-3		SEAL	1	
-14	46158-1		SEAL	1	
	46155-1		COWL FLAP ASSEMBLY, L.H.	1	
	46155-2		COWL FLAP ASSEMBLY, R.H.	1	
-15	46154-1		ARM	2	
-16	46156-1		FLAP, L.H.	1	
	46156-2		FLAP, R.H.	1	
-17	46157-1		HINGE ASSEMBLY	2	
-18	46172-1		RETAINER - Landing Light	1	
-19	46172-3		RETAINER - Landing Light	1	
-20	63238		SPRING (LC-042G-6 Lee)	3	
-21	59608		SCREW (AN507-1032R20)	3	
-22	65560		NUTPLATE (MS21075-3)	3	
-23	P3358		SPOT LIGHT (4509, G. E.)	1	
-24	61618		STRIKE (51L8-1AA, Camloc)	4	
-25	62549		RECEPTACLE (212-12, Camloc)	2	
-26	59488		NUT (C8894-8A, Tinnerman)	10	

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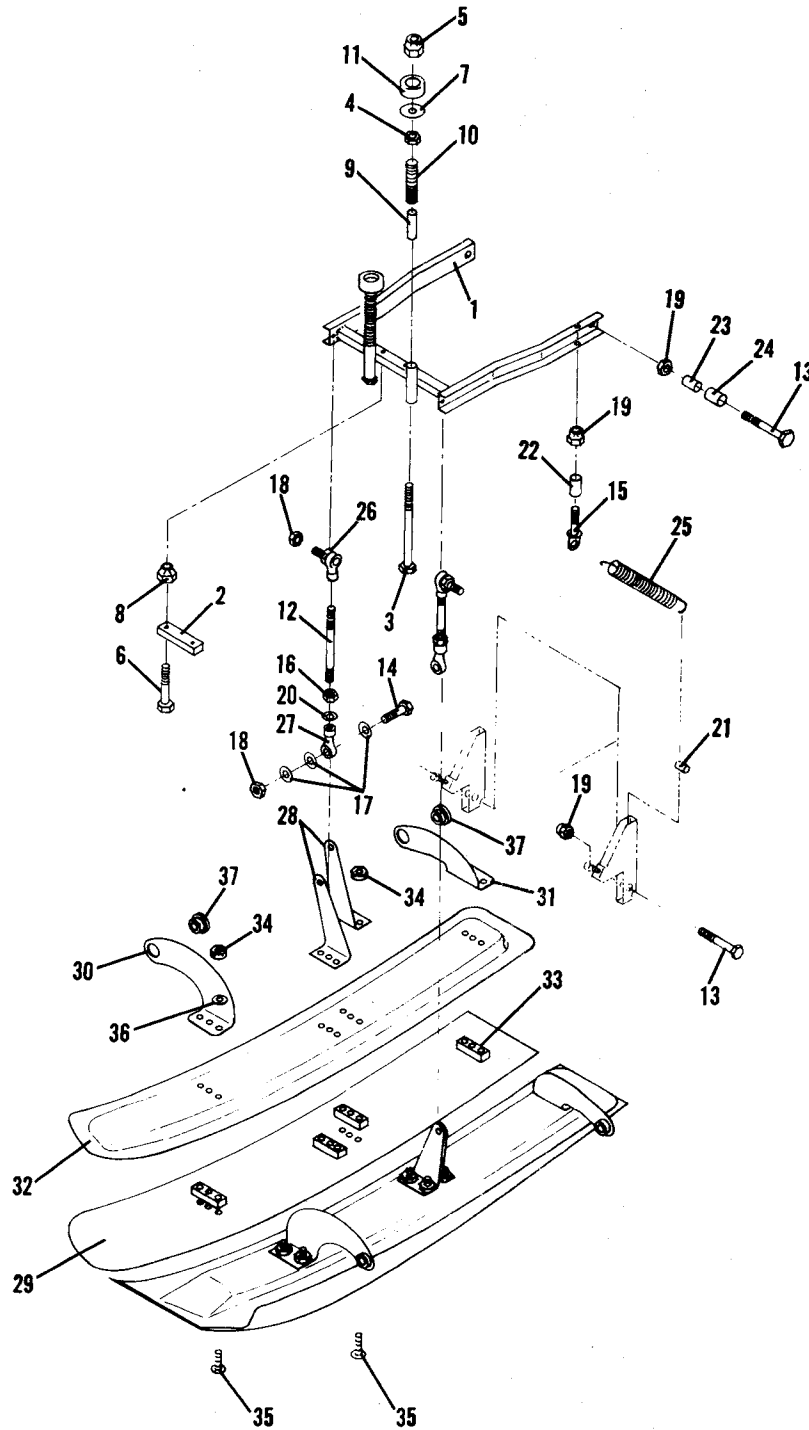


Figure 39. Nose Gear Door Installation



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
	45003-1		NOSE GEAR DOOR INSTALLATION		One & Up
			OPERATING MECHANISM INSTALLATION - Nose Gear Doors		
	46091-1		BUMPER STOP ASSEMBLY - Nose Gear Doors	1	
39-1	46103-1		LEVER ASSEMBLY - Nose Gear Doors	1	
-2	46179-3		SLIDE BLOCK - Nose Gear Doors	1	
-3	51454		BOLT (AN4-44A)	2	
-4	54706		NUT (AN316-4R)	2	
-5	55350		NUT (AN364-428C)	2	
-6			SCREW (AN526-832R30)	2	
-7	58860		WASHER (AN970-4)	2	
-8	65079		NUT (MS20365-832C)	2	
-9			BUSHING (#AA-304-11, Amplex Div.)	2	
-10			SPRING (#LC-045E-18, Lee Spring)	2	
-11			BUMPER (#59W, Atlantic Inida Rubber)	2	
-12	46166-1		CONNECTING ROD - Nose Gear Doors	2	
-13	50101		BOLT (AN3-10A)	4	
-14	50951		BOLT (AN4-11A)	2	
-15	53474		BOLT - EYE (AN42-13A)	2	
-16	54706		NUT (AN316-4R)	2	
-17	58760		WASHER (AN960-416)	6	
-18			NUT (MS20365-428C)	4	
-19	65076		NUT (MS20365-1032C)	6	
-20	66141		WASHER (MS 35338-44)	2	
-21	68247		SPACER (NAS43HT3-32)	2	
-22	68239		SPACER (NAS43HT3-59)	2	
-23	68329		BUSHING (NAS73-3-008)	2	
-24	60148		BUSHING (FF-S20-5, Amplex Div.)	2	
-25	63016		SPRING (LE-063E-7, Lee Spring)	2	
-26	62663		ROD END (SPFL-4S, Superior)	2	
-27	62662		ROD END (SPF-4, Superior)	2	

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NOSE GEAR DOOR
INSTALLATION



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SECTION V
Powerplant Group

FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
	46162-1		DOOR ASSEMBLY - Nose Gear, L. H.	1	One & Up
	46162-3		DOOR ASSEMBLY - Nose Gear, R. H.	1	
39-28	46147-1		BRACKET - Nose Gear Doors, L. H.	2	
	46147-2		BRACKET - Nose Gear Doors, R. H.	2	
-29	46163-1		SKIN - Door, L. H.	1	
	46163-3		SKIN - Door, R. H.	1	
-30	46164-1		HINGE - Door, L. H.	1	
	46164-2		HINGE - Door, R. H.	1	
-31	46165-1		HINGE - Door, L. H.	1	
	46165-2		HINGE - Door, R. H.	1	
-32	46167-1		PAN - Door, L. H.	1	
	46167-3		PAN - Door, R. H.	1	
-33	46170-1		SPACER - Nose Gear Door	8	
-34	55337		NUT (AN363-1032)	16	
-35	56631		SCREW (AN525-10-16)	16	
-36	58740		WASHER (AN960-10)	8	
-37	60147		BEARING (FF520-10 Oilite)	4	

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Section VI

CONTROL SYSTEMS GROUP

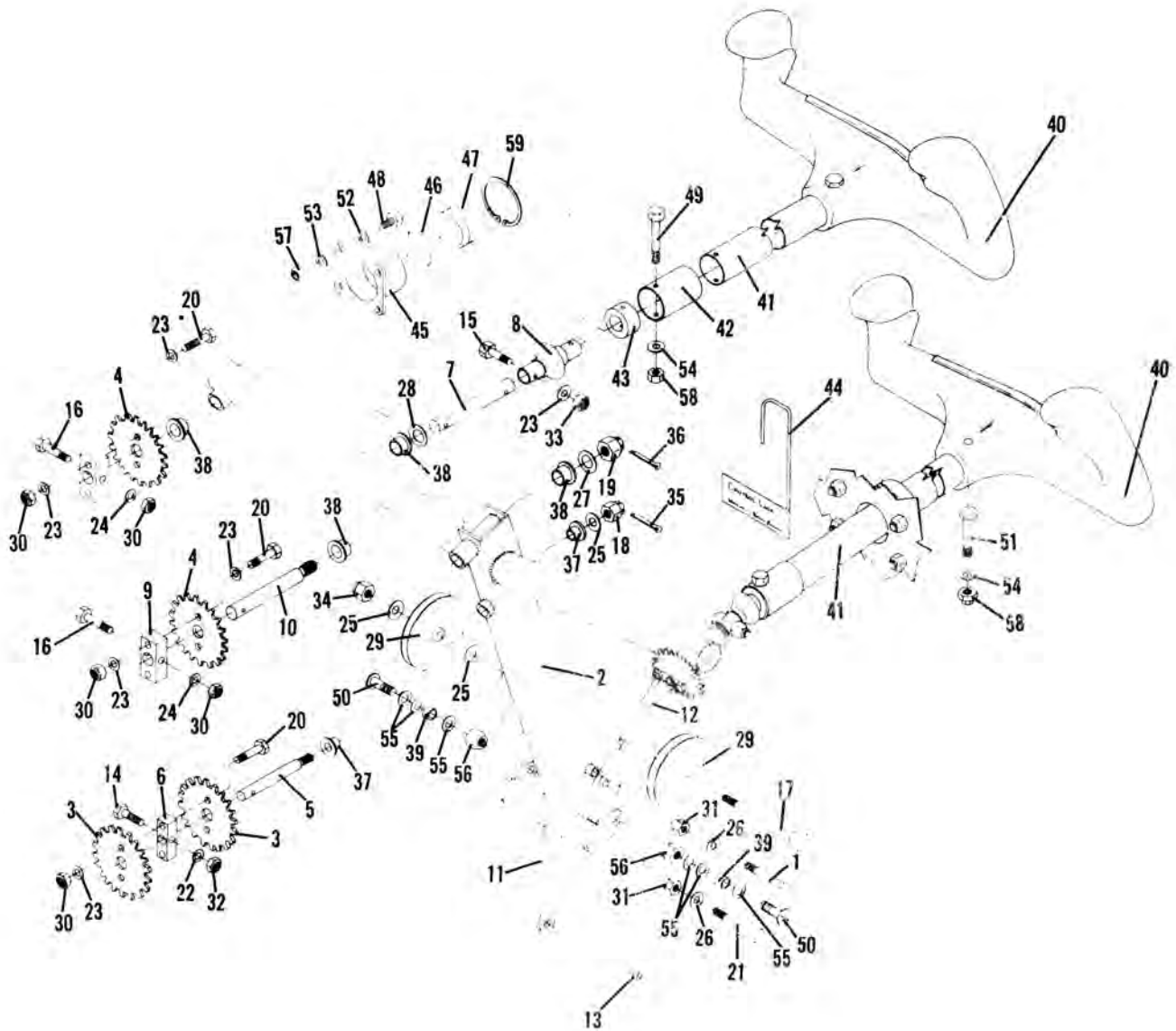


Figure 40. Yoke Assembly and Installation



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
	47007-5		YOKE INSTALLATION	1	One & Up
	47007-7		YOKE ASSEMBLY	1	
40-1	40121-3		BOLT	1	
-2	47229-13		YOKE - Weld Assembly	1	
-3	47231-1		SPROCKET	2	
-4	47231-3		SPROCKET	3	
-5	47233-1		SHAFT - Control Column	1	
-6	47234-1		SPACER	1	
-7	47236-1		SHAFT - Pilot Input	2	
-8	47238-1		UNIVERSAL JOINT - Aileron Control	2	
-9	47239-1		SPACER	3	
-10	47247-1		SHAFT - Idler	1	
	47334-1		ARM ASSEMBLY - Elevator Controls	1	
	47335-1		ARM ASSEMBLY - Elevator Controls	1	
-11	47334-3		ARM - Elevator Controls	1	
-12	47335-3		ARM - Elevator Controls	1	
-13	59395		BEARING (#191 Bound Brook Corp.)	2	
-14			BOLT (AN173-7)	1	
-15	54207		BOLT (AN174-10A)	2	
-16	54203		BOLT (AN174-11A)	3	
-17	54228		BOLT (AN175-36A)	1	
-18	54425		NUT (AN310-5)	1	
-19	54450		NUT (AN310-6)	1	
-20	50951		BOLT (AN4-11A)	8	
-21	51776		BOLT (AN5-20A)	1	
-22	58750		WASHER (AN960-10L)	1	
-23	58760		WASHER (AN960-416)	13	
-24	58770		WASHER (AN960-416L)	3	
-25	58781		WASHER (AN960-516L)	3	
-26	58780		WASHER (AN960-516)	2	
-27	58794		WASHER (AN960-616L)	1	
-28	58805		WASHER (AN960-816)	2	
-29	65033		PULLEY (MS20220-2)	2	
-30			NUT (MS20364-428)	11	
-31			NUT (MS20364-524)	2	
-32	A2167		NUT (MS20365-1032)	1	
-33	A2172		NUT (MS20365-428)	2	
-34	55424		NUT (MS20365-524)	1	
-35	65745		COTTER PIN (MS24665-132)	1	

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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
40-36	65763		COTTER PIN (MS24665-233)	1	One & Up
-37	60171		BEARING (CSF379C-0751), Bound Brook Corp)	2	
-38	60172		BEARING (CSF504BA-1000, Bound Brook Corp)	6	
-39	40111-40		BUSHING	2	
-40	47240-1		CONTROL WHEEL	2	
-41	47241-1		SHAFT - Wheel Input	2	
-42	47310-1		STOP - Wheel	2	
-43	47311-1		SPACER - Universal Joint	2	
-44	47312-1		CONTROL LOCK	1	
-45	47313-1		MOUNTING - Input Shaft	2	
-46	47314-1		O-RING - Control Wheel	2	
-47	47315-1		COLLAR - Shaft, Wheel Input	2	
-48	50627		BOLT (AN3-4A)	8	
-49	54209		BOLT (AN174-16A)	2	
-50			BOLT (AN25-11A)	2	
-51	51126		BOLT (AN4-17A)	2	
-52	58740		WASHER (AN960-10)	8	
-53	58750		WASHER (AN960-10L)	8	
-54	58770		WASHER (AN960-416L)	4	
-55	58781		WASHER (AN960-516L)	6	
-56	55360		NUT (MS20364-524)	2	
-57	A2167		NUT (MS20365-1032)	8	
-58	A2172		NUT (MS20365-428)	4	
-59	62664		RETAINER RING (1N187, Eaton Yale & Towne)	2	

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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
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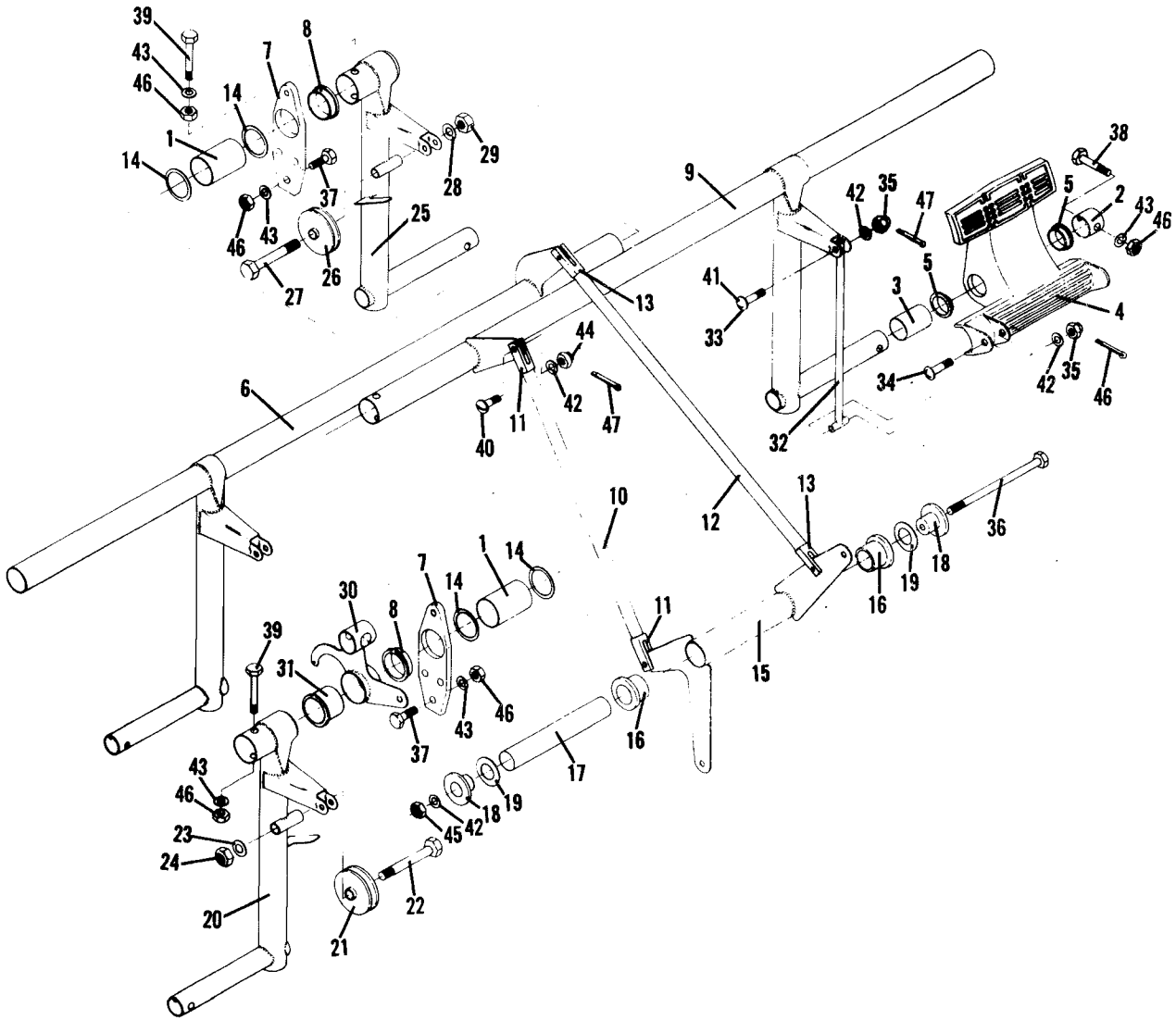


Figure 41. Rudder Pedal Installation



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
	47002-1		DRAWING - Rudder Controls Installation, Single Toe Brakes		One & Up
	47002-3		DRAWING - Rudder Controls Installation, Dual Toe Brakes		
41-1	40111-23		BUSHING	2	
-2	40111-25		BUSHING	4	
-3	40111-27		BUSHING	4	
	47217-1		PEDAL ASSEMBLY - Rudder, L.H.	2	
	47217-2		PEDAL ASSEMBLY - Rudder, R.H.	2	
-4	47217-3		PEDAL - Rudder, L.H.	2	
	47217-4		PEDAL - Rudder, R.H.	2	
-5	60183		BEARING (#F753S-.250, Bound Brook Corp.)	8	
-6	47250-1		SHAFT WELDMENT - Pedal Support	1	
	47252-1		SUPPORT BRACKET ASSEMBLY - Rudder Shaft	2	
-7	47252-3		SUPPORT BRACKET - Rudder Shaft	2	
-8	60179		BEARING (#F1003C, Bound Brook Corp.)	2	
-9	47254-1		SHAFT WELDMENT - Pedal Support	1	
	47257-1		PUSHROD ASSEMBLY - Rudder	1	
-10	47257-5		PUSHROD - Rudder	1	
-11	47267-1		CLEVIS - Rudder Pushrod	2	
	47257-3		PUSHROD ASSEMBLY - Rudder	1	
-12	47257-7		PUSHROD - Rudder	1	
-13	47267-1		CLEVIS - Rudder Pushrod	2	
-14	47259-1		WASHER - Rudder Pedal Shaft	4	
-15	47261-1		SHAFT ASSEMBLY	1	
-16	60112		BEARING (#F750, Bound Brook Corp.)	2	
-17	47262-1		SPACER - Bellcrank Mounting	1	
-18	47266-1		RETAINER	2	
-19	47268-1		WASHER - Bellcrank	2	
-20	47269-1		PEDAL SUPPORT ASSEMBLY	1	
-21	65035		PULLEY (MS20220-1)	1	
-22	51802		BOLT (AN5-22A)	1	
-23	58780		WASHER (AN960-516)	1	
-24	55424		NUT (MS20365-524)	1	
-25	47270-1		PEDAL SUPPORT ASSEMBLY	1	
-26	65035		PULLEY (MS20220-1)	1	

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And Serial Number of Aircraft.



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
41-27	51802		BOLT (AN5-22A)	1	One & Up
-28	58780		WASHER (AN960-516)	1	
-29	55424		NUT (MS20365-524)	1	
-30	47401-1		BELLCRANK ASSEMBLY - Rudder Trim	1	
-31	60180		BEARING (#F1003C-.90, Bound Brook Corp.)	1	
-32	47330-1	A	PEDAL SUPPORT ARM	2	
-33	53254	A	BOLT (AN23-13)	2	
-34	53374	A	BOLT (AN23-24)	2	
-35	54375	A	NUT (AN310-3)	4	
-36	50628		BOLT (AN3-44A)	1	
-37	50876		BOLT (AN4-6A)	6	
-38	50976		BOLT (AN4-12A)	4	
-39	51051		BOLT (AN4-15A)	2	
-40	53252		BOLT (AN23-11A)	4	
-41	53254		BOLT (AN23-13)	4	
-42	58750		WASHER (AN960-10L)	5	
-43	58770		WASHER (AN960-416L)	12	
-44	54375		NUT (AN310-3)	4	
-45	A2167		NUT (MS20365-1032)	1	
-46	A2172		NUT (MS20365-428)	12	
-47	65745		COTTER PIN (MS24665-132)	4	
A - Used only when single toe brakes are installed					

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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
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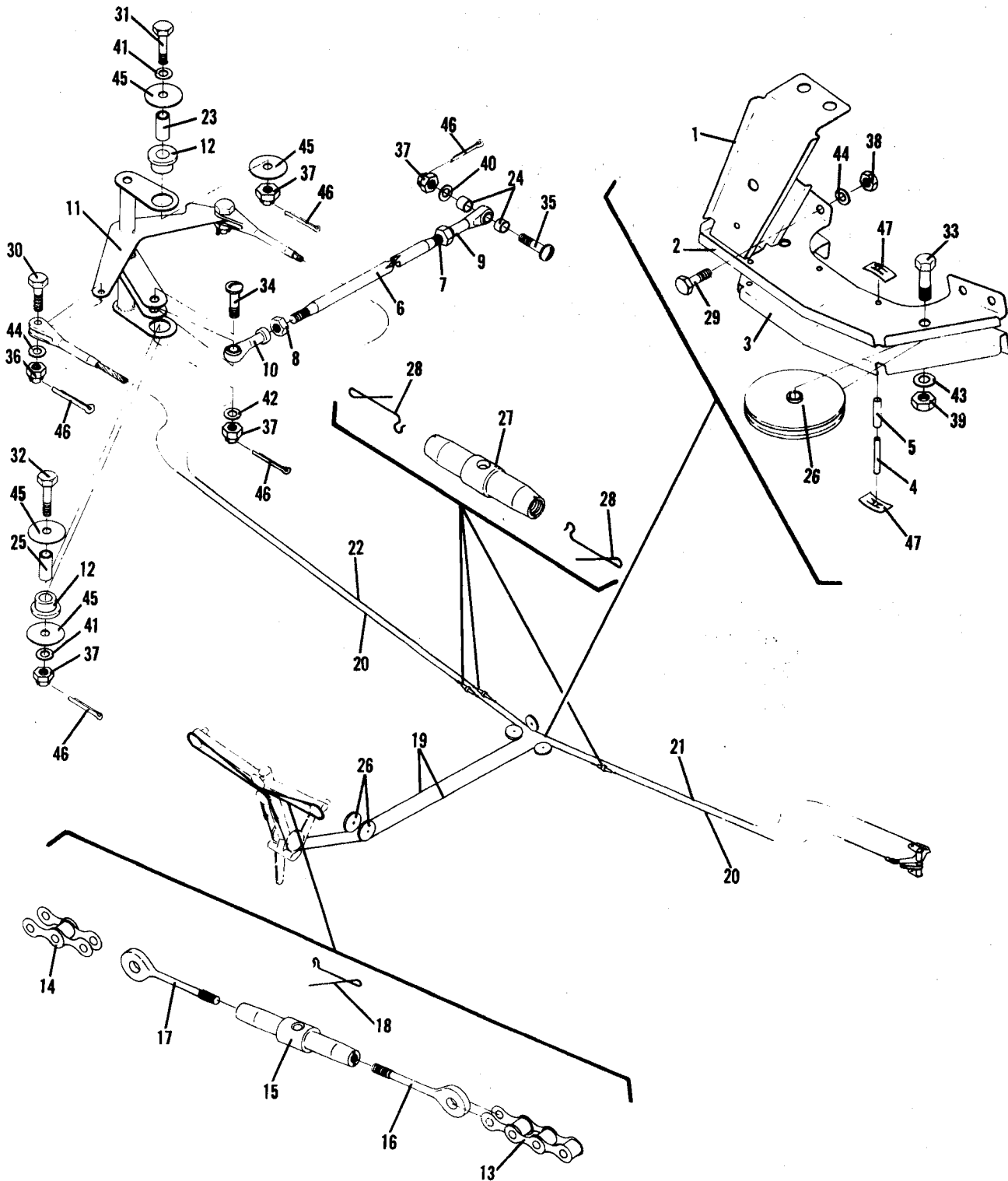


Figure 42. Aileron Controls Installation



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
	47001-1		DRAWING - Aileron Controls Installation		One & Up
	47506-1		BRACKET ASSEMBLY - Aileron	1	
42-1	47219-1		BRACKET - Balance Cable, Aileron	1	
-2	47507-1		BRACKET - Drive Cable, Aileron	1	
-3	47221-1		BRACKET - Drive Cable, Aileron	1	
	47501-2		CABLE GUARD ASSEMBLY	5	
-4	47501-8		PIN - Cable Guard	5	
-5	47501-9		COVER - Cable Guard	5	
	47227-1		PUSHROD ASSEMBLY - Aileron Control	2	
-6	47227-3		PUSHROD - Aileron Control	2	
-7	54706		NUT (AN316-4R)	2	
-8	A0240		NUT (AN316-4L)	2	
-9	62661		ROD END BEARING (HF4-R, Heim Corp.)	2	
-10	62676		ROD END BEARING (HF4-L, Heim Corp.)	2	
	47222-1		BELLCRANK ASSEMBLY - Aileron, L.H.	1	
	47222-2		BELLCRANK ASSEMBLY - Aileron, R.H.	1	
-11	47222-3		BELLCRANK - Aileron, L.H.	1	
	47222-4		BELLCRANK - Aileron, R.H.	1	
-12	59406		BEARING (FB-810-4, Boston Gear)	4	
	47232-1		CHAIN ASSEMBLY - Aileron Control	1	
	47232-7	A	CHAIN ASSEMBLY - Aileron Control	1	
-13	47232-3		CHAIN	1	
-14	47232-5		CHAIN	1	
-15	65574		TURNBUCKLE (MS21251-3S)	1	
-16	65576		EYE END L.H. (MS21254-3LS)	1	
-17	65577		EYE END R.H. (MS21254-3RS)	1	
-18	65620		CLIP (MS21256-1)	2	
-19	47210-1		CABLE ASSEMBLY	2	
	47210-16		CABLE ASSEMBLY (5/32")	2	
-20	47210-2		CABLE ASSEMBLY	2	
	47210-17		CABLE ASSEMBLY (5/32")	2	
-21	47210-3		CABLE ASSEMBLY	1	
	47210-18		CABLE ASSEMBLY (5/32")	1	
-22	47210-4		CABLE ASSEMBLY	1	
	47210-19		CABLE ASSEMBLY (5/32")	1	
		A	USED WHEN 5/32" CONTROL CABLES ARE INSTALLED		

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And Serial Number of Aircraft.

AILERON CONTROLS
INSTALLATION



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SECTION VI
Control System Group

FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
42-23	40111-15		BUSHING	2	One & Up
-24	40111-55		BUSHING	2	
-25	40111-57		BUSHING	2	
-26	65033		PULLEY (MS20220-2)	5	
-27	65585		TURNBUCKLE (MS21251-B5S)	3	
-28	65620		CLIP (MS21256-1)	6	
-29	50001		BOLT (AN3-4A)	8	
-30	50050		BOLT (AN3-6)	4	
-31	50950		BOLT (AN4-11)	2	
-32	50975		BOLT (AN4-12)	2	
-33	51552		BOLT (AN5-11A)	3	
-34	53373		BOLT (AN24-14)	2	
-35	53378		BOLT (AN24-17)	2	
-36	54375		NUT (AN310-3)	4	
-37	54400		NUT (AN310-4)	8	
-38	55599		NUT (AN365-1032A)	8	
-39	55425		NUT (AN365-524A)	3	
-40	58710		WASHER (AN960-4)	3	
-41	58760		WASHER (AN960-416)	8	
-42	58770		WASHER (AN960-416L)	4	
-43	58781		WASHER (AN960-516L)	3	
-44	58750		WASHER (AN960-10L)	12	
-45	58860		WASHER (AN970-4)	8	
-46	65745		COTTER PIN (MS24665-132)	12	
-47			NUT (#A109-014-1, Tinnerman Products)	10	

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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
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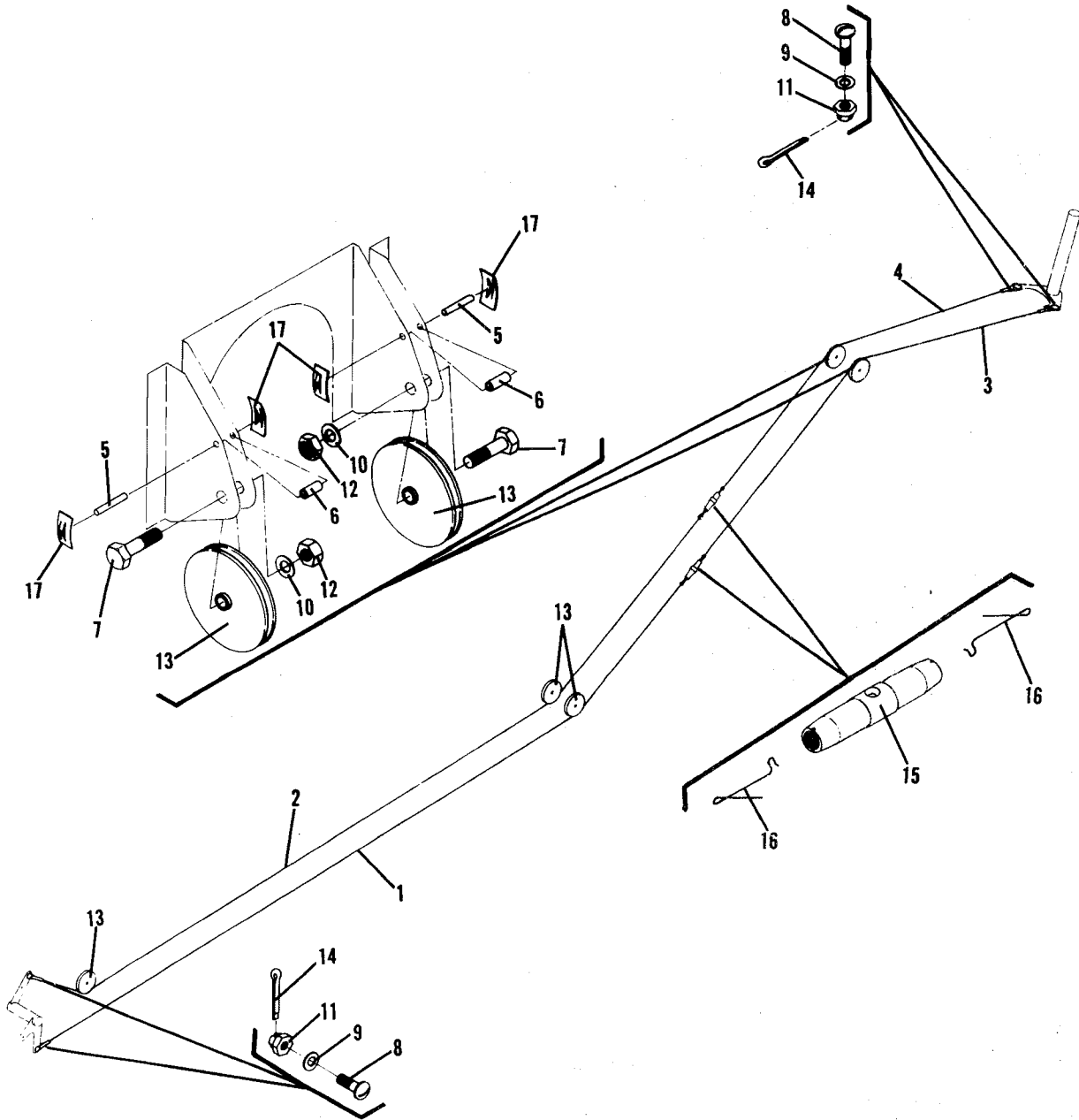


Figure 43. Rudder Controls Installation



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
43-1	47002		DRAWING - Rudder Controls Installation		One & Up
	47210-9		CABLE ASSEMBLY	1	
	47210-24		CABLE ASSEMBLY (5/32")	1	
-2	47210-10		CABLE ASSEMBLY	1	
	47210-25		CABLE ASSEMBLY (5/32")	1	
-3	47210-14		CABLE ASSEMBLY	1	
	47210-26		CABLE ASSEMBLY (5/32")	1	
-4	47210-15		CABLE ASSEMBLY	1	
	47210-27		CABLE ASSEMBLY (5/32")	1	
	47501-2		CABLE GUARD ASSEMBLY	2	
-5	47501-8		PIN - Cable Guard	2	
-6	47501-9		COVER - Cable Guard	2	
-7	51552		BOLT (AN5-11A)	2	
-8	53252		BOLT (AN23-11)	4	
-9	58750		WASHER (AN960-10L)	4	
-10	58781		WASHER (AN960-516L)	2	
-11	54375		NUT (AN310-3)	4	
-12	55424		NUT (MS20365-524)	2	
-13	65033		PULLEY (MS20220-2)	5	
-14	65745		COTTER PIN (MS24665-132)	4	
-15	65585		TURNBUCKLE (MS21251-B5S)	2	
-16	65620		CLIP (MS21256-1)	4	
-17			NUT (A109-014-1, Tinnerman Products, Inc.)	4	

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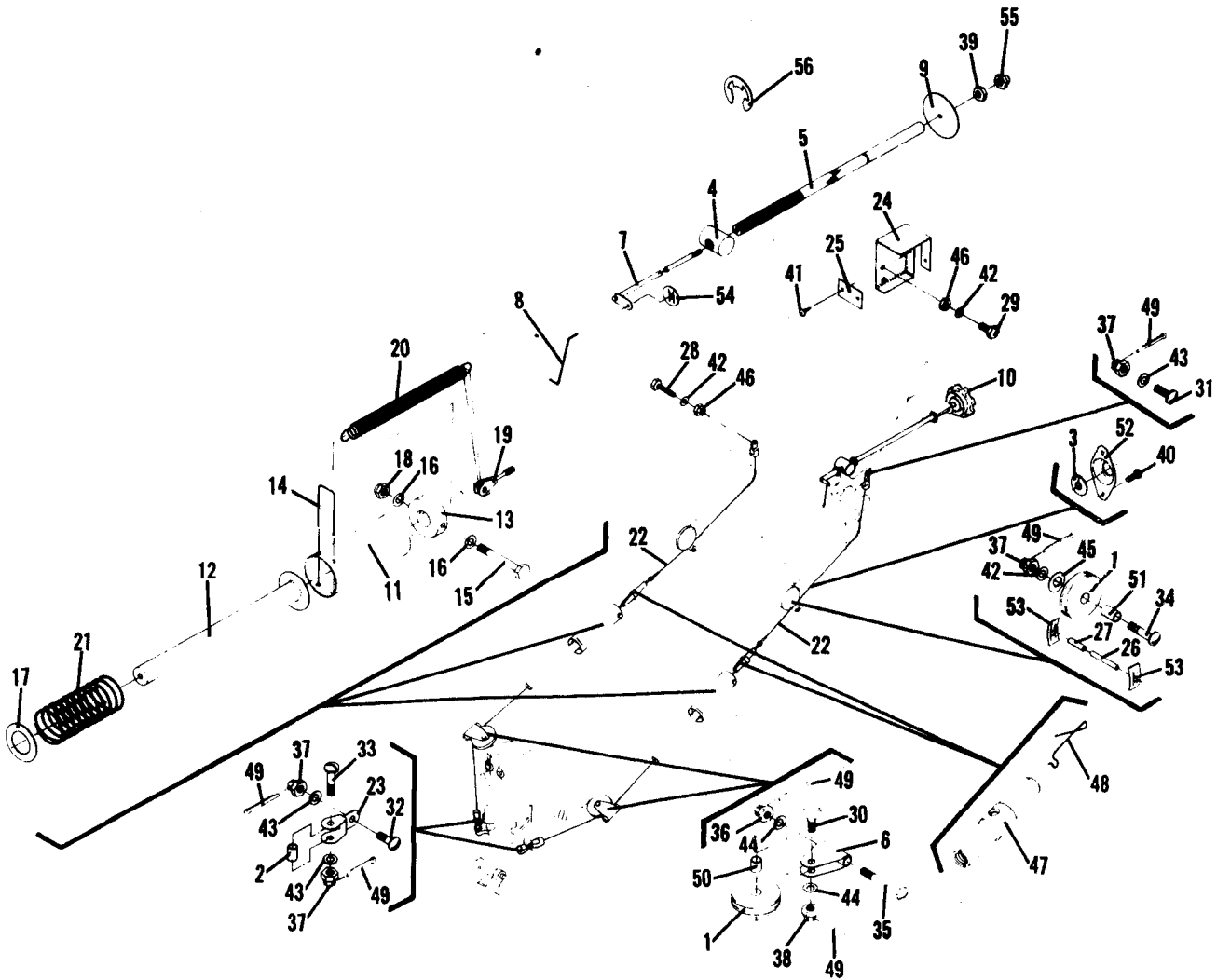


Figure 44. Rudder Trim and Nose Wheel Steering Installation



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
	47400		DRAWING - Rudder Trim and Nose Wheel Steering Installation		One & Up
44-1	40102-1		PULLEY	4	
-2	40111-43		BUSHING	2	
-3	46202-1		GROMMET - Firewall	2	
-4	47403-1		NUT - Barrel, Rudder Trim	1	
-5	47405-1		SHAFT - Rudder Trim Adjustment	1	
-6	47406-5		BRACKET - Nose Gear Steering	2	
-7	47410-1		SHAFT ASSEMBLY - Rudder Trim Indicator	1	
-8	47411-1		LINK - Rudder Trim Indicator	1	
-9	47412-1		DISC - Rudder Trim Indicator	1	
-10	47414-1		KNOB - Rudder Trim	1	
	47420-7		CABLE AND BUNGEE ASSEMBLY - Nose Gear Steering	2	
-11	47426-1		TUBE - Spring Box	2	
-12	47427-1		TUBE ASSEMBLY	2	
-13	47428-1		RETAINER - Nose, Gear Steering	2	
-14	47429-1		WIRE RETAINER - Nose Gear Steering	2	
-15	50301		BOLT (AN3-20A)	2	
-16	58740		WASHER (AN960-10)	4	
-17	A1621		WASHER (AN960-1416L)	2	
-18	65075		NUT (MS20364-1032)	2	
-19			CLEVIS END (MS210252-3LS)	2	
-20			SPRING (LE-063-10, Lee Spring Co.)	2	
-21			SPRING (LHC-177P-3, Lee Spring Co.)	2	
-22	47420-9		CABLE ASSEMBLY - Nose Gear Steering	2	
-23	47425-1		COUPLING - Nose Wheel Steering	2	
-24	47432-1		STOP - Weld Assembly	1	
-25	47433-1		RETAINER	1	
	47501-2		CABLE GUARD ASSEMBLY	2	
-26	47501-8		PIN - Cable Guard	2	
-27	47501-9		COVER - Cable Guard	2	
-28	50003		BOLT (AN3-3A)	1	
-29	50051		BOLT (AN3-6A)	1	
-30	50875		BOLT (AN4-6)	2	
-31	53353		BOLT (AN23-8)	1	
-32	53252		BOLT (AN23-11)	2	
-33			BOLT (AN23-15)	2	
-34			BOLT (AN23-20)	2	
-35	53410		BOLT (AN24-30)	2	

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And Serial Number of Aircraft.



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
44-36	54400		NUT (AN310-4)	2	One & Up
-37	54825		NUT (AN320-3)	7	
-38	54850		NUT (AN320-4)	2	
-39			NUT (AN363-440)	1	
-40	56598		SCREW (AN520-10-5)	4	
-41	59679		SCREW (AN530-6R4)	2	
-42	58743		WASHER (AN960-C10)	6	
-43	58750		WASHER (AN960-10L)	6	
-44	58770		WASHER (AN960-416L)	4	
-45	58790		WASHER (AN960-616)	8	
-46	A2167		NUT (MS20365-1032)	2	
-47			TURNBUCKLE (MS21251-B3S)	2	
-48	65620		CLIP (MS21256-1)	4	
-49	65745		COTTER PIN (MS24665-132)	11	
-50			BUSHING (CS252BA0375, Bound Brook Corp.)	2	
-51			BUSHING (P20-5, Bunting Bearings Inc.)	2	
-52	61573		GROMMET HOLDER (MT340, Arens Controls Inc)	2	
-53			NUT (A109-014-1, Tinnerman Products, Inc.)	4	
-54			PUSH NUT (C12040-012, Tinnerman Products Inc)	2	
-55			NUT (#4, Pal Nut, PALNUT Co.)	1	
-56			RETAINER RING (#5133-37, Waldes Kohinoor Inc)	3	

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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
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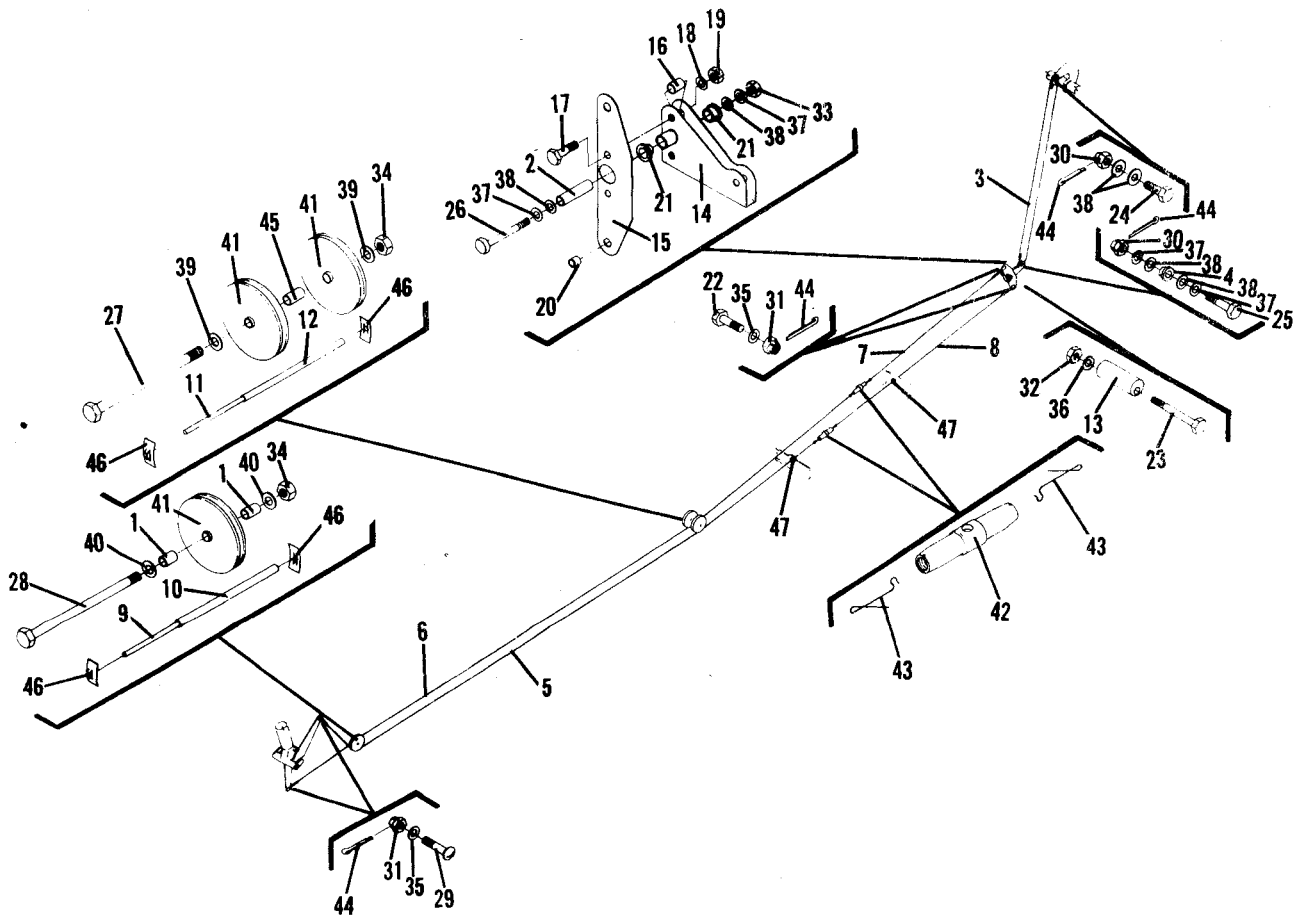


Figure 45. Elevator Controls Installation



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
45-1	47004-1		DRAWING - Elevator Controls Installation		One & Up
-2	40111-19		BUSHING	2	
-3	40111-37		BUSHING	1	
-4	47203-1		PUSHROD ASSEMBLY - Elevator	1	
-5	60157		BEARING (#FF-310, Oilite Corp.)	1	
-6	47210-5		CABLE ASSEMBLY	1	
-7	47210-20		CABLE ASSEMBLY (5/32")	1	
-8	47210-6		CABLE ASSEMBLY	1	
-9	47210-21		CABLE ASSEMBLY (5/32")	1	
-10	47210-7		CABLE ASSEMBLY	1	
-11	47210-22		CABLE ASSEMBLY (5/32")	1	
-12	47210-8		CABLE ASSEMBLY	1	
-13	47210-23		CABLE ASSEMBLY (5/32")	1	
-14	47501-1		CABLE GUARD ASSEMBLY	1	
-15	47501-6		PIN - Cable Guard	1	
-16	47501-7		COVER - Cable Guard	1	
-17	47501-3		CABLE GUARD ASSEMBLY	1	
-18	47501-10		PIN - Cable Guard	1	
-19	47501-11		COVER - Cable Guard	1	
-20	47214-1		CAM - Elevator Stop	2	
-21	47509-1		BELLCRANK ASSEMBLY - Elevator	1	
-22	47209-1		LEVER ASSEMBLY - Elevator	1	
-23	47204-3		LEVER - Input, Elevator Bellcrank	1	
-24	40111-17		BUSHING	2	
-25	50926		BOLT (AN4-10A)	2	
-26	58770		WASHER (AN960-416L)	2	
-27	A2172		NUT (MS20365-428)	2	
-28	60170		BEARING (#189BB, Bound Brook Corp.)	2	
-29	60181		BEARING (F314R, Bound Brook, Corp.)	2	
-30			BOLT (AN23-10)	2	
-31	50351		BOLT (AN3-22A)	2	
	50900		BOLT (AN4-7)	1	
	50924		BOLT (AN4-10)	1	
	51226		BOLT (AN4-23A)	1	
	52108		BOLT (AN5-50A)	1	
	52112		BOLT (AN5-54A)	1	
	53254		BOLT (AN23-13)	2	
	54400		NUT (AN310-4)	2	
	54825		NUT (AN320-3)	4	

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And Serial Number of Aircraft.



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
45-32	A2167		NUT (MS20365-1032)	2	One & Up
-33	A2172		NUT (MS20365-428)	1	
-34	55424		NUT (MS20365-524)	2	
-35	58750		WASHER (AN960-10L)	4	
-36	58740		WASHER (AN960-10)	2	
-37	58760		WASHER (AN960-416)	4	
-38	58770		WASHER (AN960-416L)	6	
-39	58780		WASHER (AN960-516)	2	
-40	58781		WASHER (AN960-516L)	2	
-41	65033		PULLEY (MS20220-2)	3	
-42	65585		TURNBUCKLE (MS21251-B5S)	2	
-43	65620		CLIP (MS21256-1)	2	
-44	65745		COTTER PIN (MS24665-132)	6	
-45	68252		SPACER (NAS 43DD5-45)	1	
-46			NUT (#A109-014-1, Tinnerman Products, Inc.)	4	
-47			BUSHING (#SB-1000-12, Kayman Man. Co.)	2	

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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
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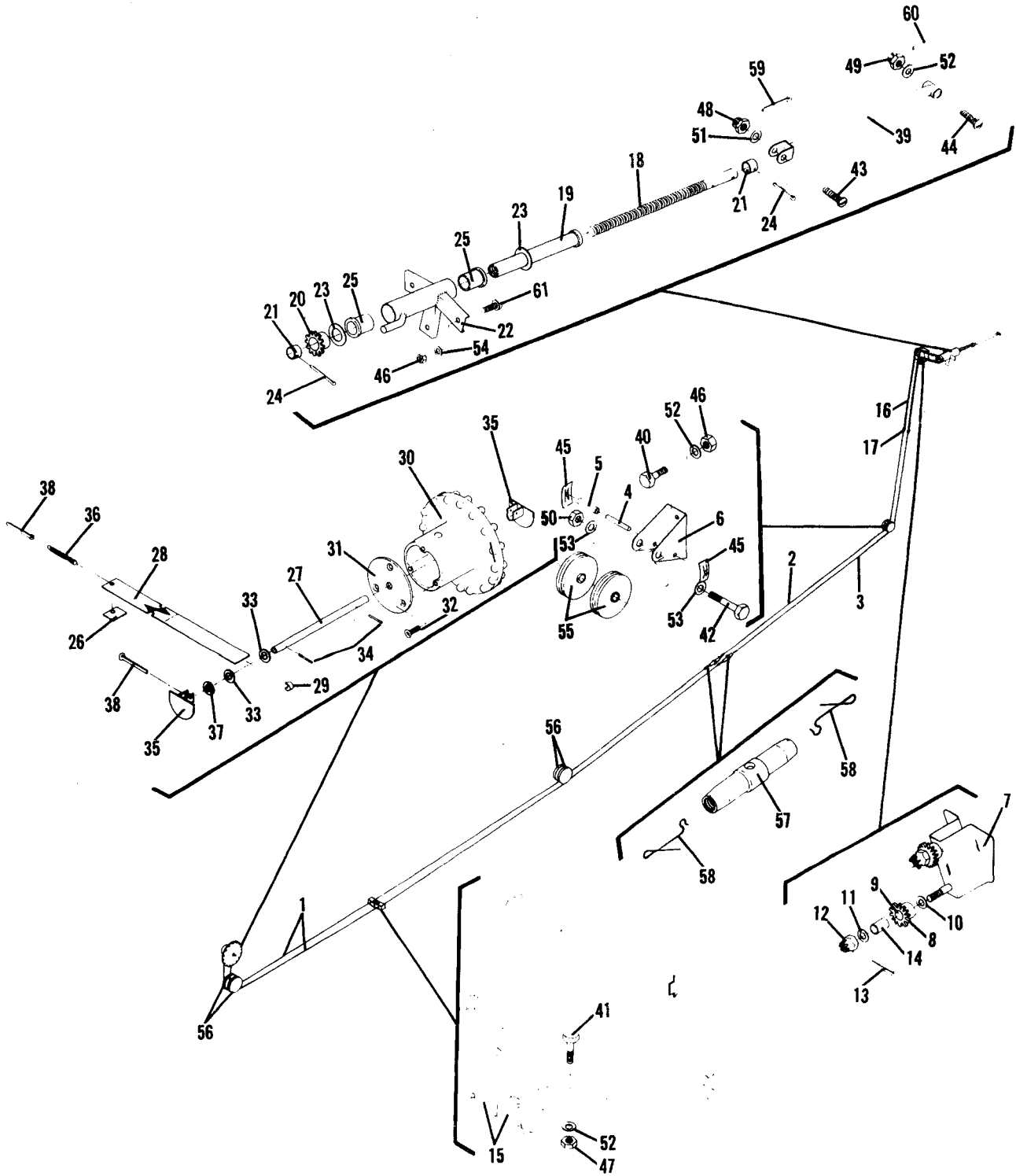


Figure 46. Elevator Trim Installation



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
	47006-1		DRAWING - Elevator Trim Installation		One & Up
46-1	47210-11		CABLE ASSEMBLY	1	
-2	47210-12		CABLE ASSEMBLY	1	
-3	47210-13		CABLE ASSEMBLY	1	
	47501-5		CABLE GUARD ASSEMBLY	1	
-4	47501-12		PIN - Cable Guard	1	
-5	47501-13		COVER - Cable Guard	1	
-6	47273-1		BRACKET - Elevator Trim Pulley	1	
	47274-1		SPROCKET ASSEMBLY - Elevator Trim	1	
-7	47272-1		BRACKET ASSEMBLY - Elevator Trim Idler Sprocket	1	
-8	47293-3		SPROCKET - Elevator Trim	2	
-9	47500-5		SPACER	2	
-10	58760		WASHER (AN960-416)	2	
-11	58770		WASHER (AN960-416L)	2	
-12	54400		NUT (AN310-4)	2	
-13	65745		COTTER PIN (MS24665-132)	2	
-14	60168		BEARING (#250S, Bound Brook Corp.)	2	
-15	47277-1		GUIDE BLOCK - Elevator Trim Cable	2	
	47279-1		CHAIN ASSEMBLY - Elevator Trim	1	
-16			CHAIN (#ASA 25, Cullman Wheel Co.)	1	
-17			CONNECTOR LINK (#ASA 25, Cullman Wheel Co.)	2	
	47290-1		ACTUATOR ASSEMBLY - Elevator Trim	1	
-18	47291-1		JACKSCREW - Elevator Trim	1	
-19	47292-1		HOUSING - Elevator Trim	1	
-20	47293-1		SPROCKET - Elevator Trim	1	
-21	47296-1		STOP - Elevator Trim	2	
-22	47333-1		HOUSING - Elevator Trim	1	
-23	58803		WASHER (AN960 C816I.)	2	
-24	65756		COTTER PIN (MS24665-153)	2	
-25	60155		BEARING (#F500A-75, Bound Brook)	2	
	47299-1		ELEVATOR TRIM - Wheel and Indicator Installation	1	

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And Serial Number of Aircraft.



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
	47300-1		ELEVATOR TRIM - Wheel Assembly	1	One & Up
	47295-1		SHAFT ASSEMBLY - Trim Wheel	1	
46-26	47295-3		TAB - Trim Wheel	1	
-27	47318-1		SHAFT - Elevator Trim Wheel	1	
-28	47319-1		INDICATOR - Elevator Trim	1	
-29			RING (#C2311-012, Tinnerman Products Co.)	1	
-30	47294-1		TRIM WHEEL	1	
-31	47326-1		PLATE - Trim Wheel	1	
-32	56931		SCREW (AN531-6-6)	3	
-33	58760		WASHER (AN960-416)	2	
-34	52336		PIN (#SP-062-625, Driv Lok, Inc.)	2	
-35	47323-1		SUPPORT ASSEMBLY - Trim Wheel	2	
-36	47327-1		SPRING - Trim Indicator	1	
-37	58770		WASHER (AN960-416L)	2	
-38	65757		COTTER PIN (MS24665-152)	3	
-39	47301-1		PUSHROD ASSEMBLY - Elevator Trim	1	
-40	50026		BOLT (AN3-5A)	2	
-41	50126		BOLT (AN3-11A)	2	
-42	57001		BOLT (AN4-13A)	1	
-43	53245		BOLT (AN21-12)	1	
-44	53300		BOLT (AN23-16)	1	
-45			NUT (#A109-014-1, Tinnerman Products, Inc.)	2	
-46	55599		NUT (AN365-1032)	2	
-47	54559		NUT (AN315-3R)	2	
-48	54824		NUT (AN320-1)	1	
-49	54825		NUT (AN320-3)	1	
-50	55400		NUT (AN365-428A)	1	
-51	58722		WASHER (AN960-6L)	1	
-52	58750		WASHER (AN960-10L)	5	
-53	58770		WASHER (AN960-416L)	1	
-54	66132		WASHER (MS35335-32)	3	
-55	65020		PULLEY (MS20219-2)	2	
-56	65030		PULLEY (MS20220-2)	4	
-57	65575		TURNBUCKLE (MS21251-B2S)	2	
-58	65620		CLIP (MS21256-1)	4	
-59	65759		COTTER PIN (MS24665-5)	1	
-60	65745		COTTER PIN (MS24665-132)	1	
-61	65901		SCREW (MS27039-1-15)	3	

When Ordering, Always Specify Part Number, Nomenclature
And Serial Number of Aircraft.



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
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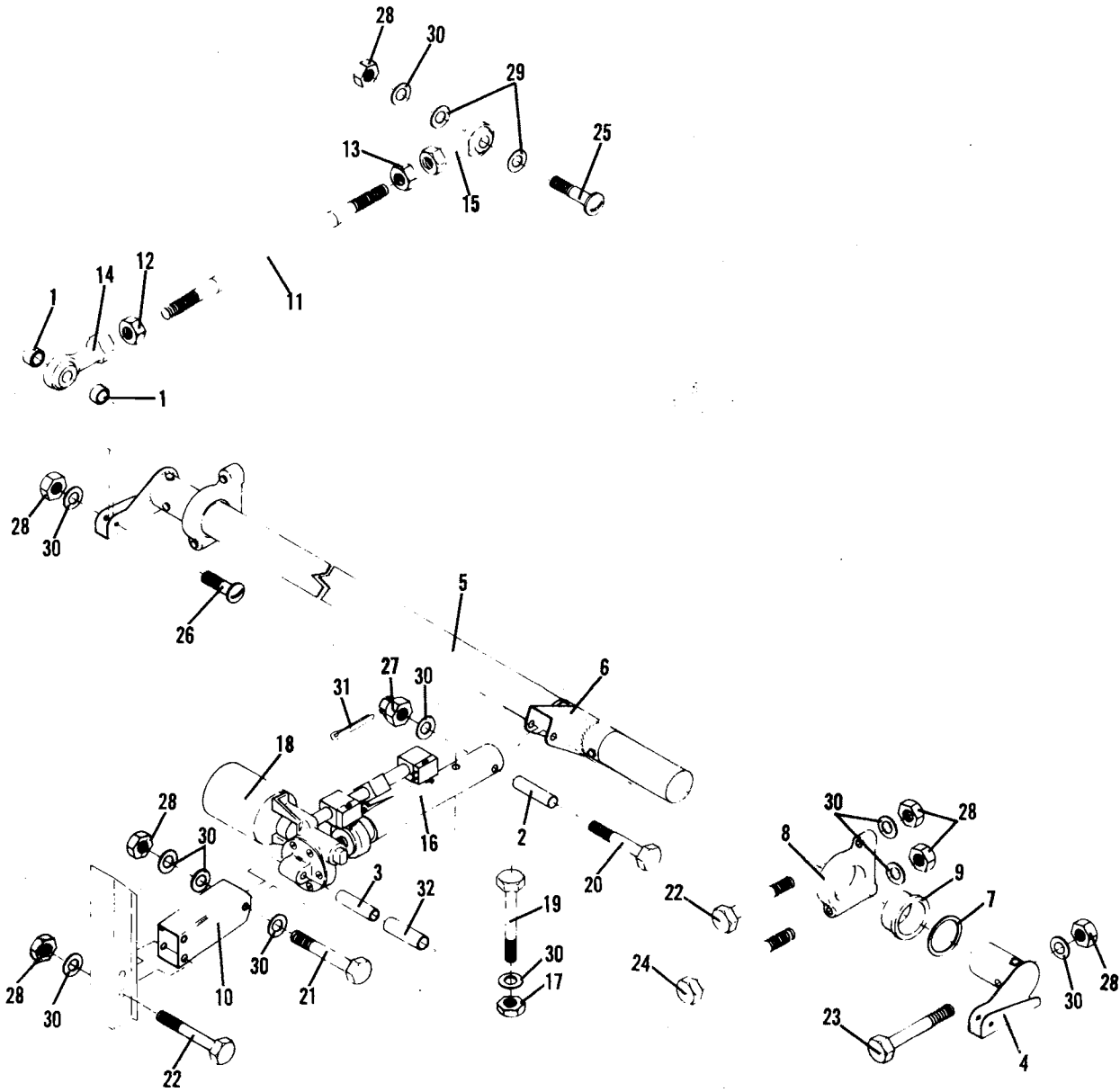


Figure 47. Flap Controls Installation



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
	47003-1		DRAWING - Flap Mechanism and Motor Installation		One & Up
47-1	40111-21		BUSHING	1	
-2	40111-31		BUSHING	1	
-3	40111-29		BUSHING	1	
	47216-1		TORQUE TUBE ASSEMBLY - Flap	1	
-4	47508-1		ARM ASSEMBLY, L.H. - Torque Tube	1	
	47508-2		ARM ASSEMBLY, R.H. - Torque Tube	1	
-5	47280-1		TORQUE TUBE - Flap Actuation	1	
-6	47288-1		LEVER ASSEMBLY - Torque Tube	1	
-7	47284-1		RETAINER - Torque Tube	2	
	47287-1		MOUNT ASSEMBLY - Torque Tube, L.H.	1	
	47287-2		MOUNT ASSEMBLY - Torque Tube, R.H.	1	
-8	47287-3		MOUNT - Torque Tube	2	
-9	60182		BEARING (#F1502B-75, Bound Brook Corp.)	2	
-10	47286-1		MOUNTING BRACKET - Flap Actuator	1	
	47224-1		PUSHROD ASSEMBLY - Flap	2	
-11	47224-3		PUSHROD - Flap	2	
-12	A0240		NUT (AN316-4L)	2	
-13	54706		NUT (AN316-4R)	2	
-14	62676		ROD END BEARING (#HF-4L, Heim Universal)	2	
-15	62661		ROD END BEARING (#HF-4R, Heim Universal)	2	
	47516-1		FLAP MOTOR ASSEMBLY	1	
-16	47275-1		TUBE ASSEMBLY - Flap Actuator	1	
-17	55349		NUT (AN364-428)	1	
-18			ACTUATOR ASSEMBLY (#D145-00-25, Commercial Aircraft Products)	1	
-19	57026		BOLT (AN4-14A)	1	
-20	51052		BOLT (AN4-15)	1	
-21	51051		BOLT (AN4-15A)	1	
-22	51076		BOLT (AN4-16A)	4	
-23	51151		BOLT (AN4-20A)	6	
-24	51376		BOLT (AN4-30A)	2	
-25	53376		BOLT (AN24-15A)	1	
-26	53377		BOLT (AN24-16A)	1	
-27	54400		NUT (AN310-4)	1	
-28	A2172		NUT (MS20365-428)	16	
-29	58760		WASHER (AN960-416)	4	
-30	58770		WASHER (AN960-416L)	17	
-31	65742		COTTER PIN (MS29665-13)	1	
-32	60169		BEARING (#313-1.00, Bound Brook Corp.)	1	

When Ordering, Always Specify Part Number, Nomenclature
And Serial Number of Aircraft.



Aero Commander Division
North American Rockwell

FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQ'D	SERIAL NO'S AFFECTED
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Section VII

HYDRAULIC SYSTEMS GROUP



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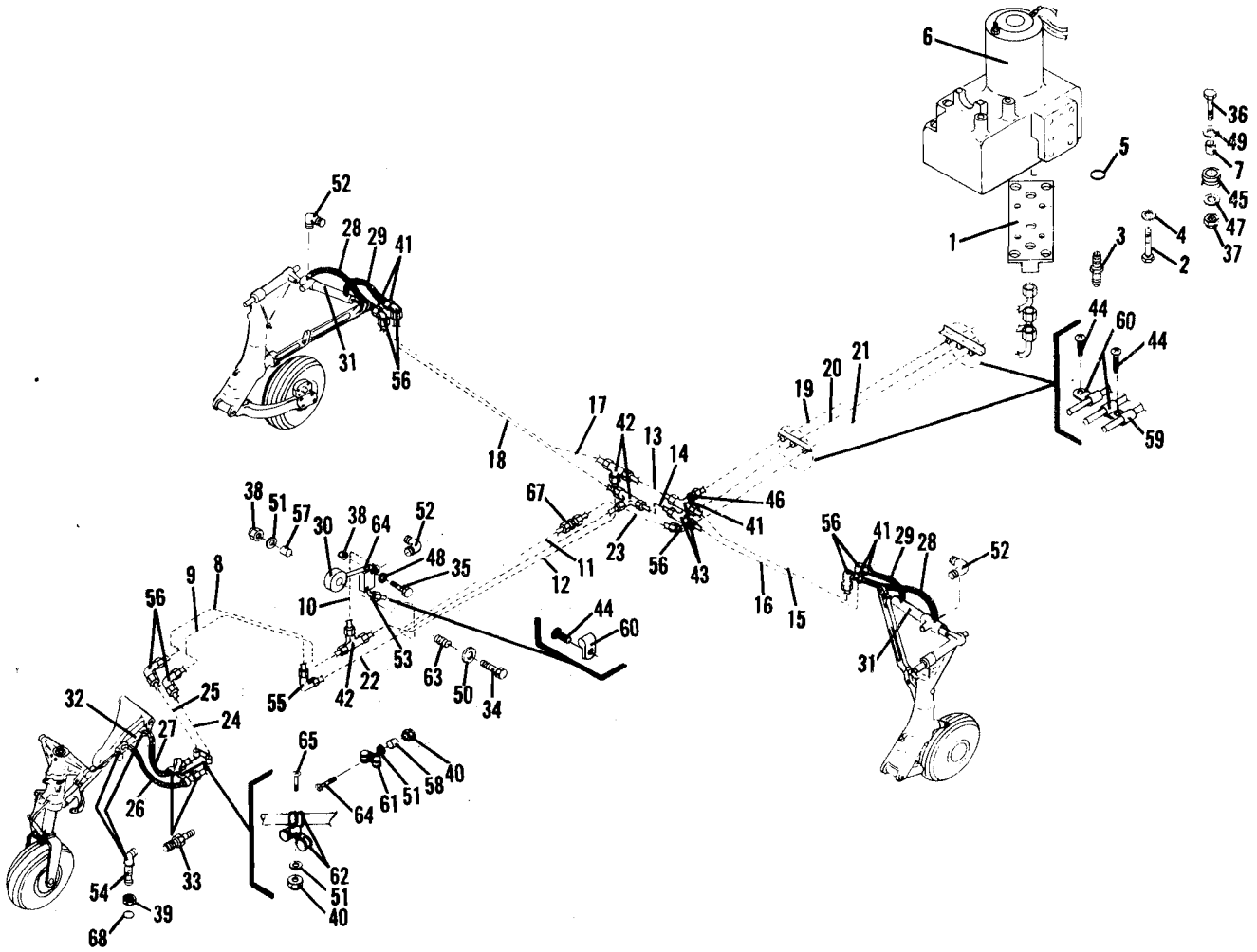


Figure 48. Hydraulic System Installation



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
	48801-1		HYDRAULIC SYSTEM INSTALLATION		One & Up
	48808-1		HYDRAULIC POWER PACK ASSEMBLY		
48-1	48803-1		SUPPORT MANIFOLD - Hydraulic Power Pack	1	
-2	50851		BOLT (AN4-5A)	4	
-3	57605		NIPPLE (AN816-4D)	3	
-4	58769		WASHER (AN960P1416L)	4	
-5	58934		"O" RING (AN6227B-7)	4	
-6	62508		MOTOR LIFT ASSEMBLY (105932B, Presofite)	1	
-7	40111-39		BUSHING	4	
-8	46099-43		HYDRAULIC LINE	1	
-9	46099-45		HYDRAULIC LINE	1	
-10	46099-47		HYDRAULIC LINE	1	
-11	46099-49		HYDRAULIC LINE	1	
-12	46099-51		HYDRAULIC LINE	1	
-13	46099-53		HYDRAULIC LINE	1	
-14	46099-55		HYDRAULIC LINE	1	
-15	46099-57		HYDRAULIC LINE	1	
-16	46099-59		HYDRAULIC LINE	1	
-17	46099-61		HYDRAULIC LINE	1	
-18	46099-63		HYDRAULIC LINE	1	
-19	46099-65		HYDRAULIC LINE	1	
-20	46099-67		HYDRAULIC LINE	1	
-21	46099-69		HYDRAULIC LINE	1	
-22	46099-71		HYDRAULIC LINE	1	
-23	46099-73		HYDRAULIC LINE	1	
-24	46099-81		HYDRAULIC LINE	1	
-25	46099-83		HYDRAULIC LINE	1	
-26	46136-13		HOSE ASSEMBLY	1	
-27	46136-15		HOSE ASSEMBLY	1	
-28	46136-17		HOSE ASSEMBLY	2	
-29	46136-11		HOSE ASSEMBLY	2	
-30	48813-1		KNOB	1	
-31	48233-1		ACTUATING CYLINDER - Main Landing Gear, L. H.	1	
	48233-2		ACTUATING CYLINDER - Main Landing Gear, R. H.	1	
-32	48805-1		ACTUATING CYLINDER - Nose Landing Gear	1	

When Ordering, Always Specify Part Number, Nomenclature
And Serial Number of Aircraft.



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
48-33	58251		REDUCER (AN919-2)	2	One & Up
-34	53352		BOLT (AN23-22A)	1	
-35	50149		BOLT (AN3DD12A)	2	
-36	50898		BOLT (AN4DD7A)	4	
-37	55349		NUT (AN364-428)	4	
-38	55381		NUT (AN364D1032)	3	
-39	58379		NUT (AN924-3)	2	
-40	A2167		NUT (MS20365-1032)	2	
-41	58390		NUT (AN924-4D)	7	
-42	57968		TEE (AN824-4D)	3	
-43	58053		TEE (AN834-4D)	2	
-44	65738		SCREW (MS24621-27)	5	
-45	58463		GROMMET (AN931A5-9)	4	
-46	58801		WASHER (AN960D716)	4	
-47	58774		WASHER (AN960PD416)	4	
-48	58745		WASHER (AN960D10)	4	
-49			WASHER (AN945-4P)	4	
-50	58850		WASHER (AN970-3)	1	
-51	P7691		WASHER (AN960D10L)	3	
-52			ELBOW (MS20822-4D)	5	
-53			ELBOW (MS20823-4D)	1	
-54	58056		ELBOW (AN837-3)	2	
-55	57747		ELBOW (AN821-4D)	1	
-56	58037		ELBOW (AN833-4D)	7	
-57	68257		SPACER (NAS43DD3-32)	1	
-58	68256		SPACER (NAS43HT3-23)	1	
-59	60779		CLAMP (C3049A-4-108, Tinnerman Products, Inc)	2	
-60	60778		CLAMP (C3050A-4-108, Tinnerman Products, Inc)	5	
-61	65659		CLAMP (MS21919DG4)	2	
-62	65705		CLAMP (MS21919DG12)	3	
-63	63239		SPRING (LC-022D-1, Lee Spring Co.)	1	
-64			SHUT-OFF VALVE (A-115-4, Gerdes Products)	1	
-65	56847		SCREW (AN526-1032R7)	1	
-66	56881		SCREW (AN526-1032R14)	1	
-67	57565		UNION (AN815-4D)	1	
-68	65936		PACKING (MS28778-3)	2	

When Ordering, Always Specify Part Number, Nomenclature
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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
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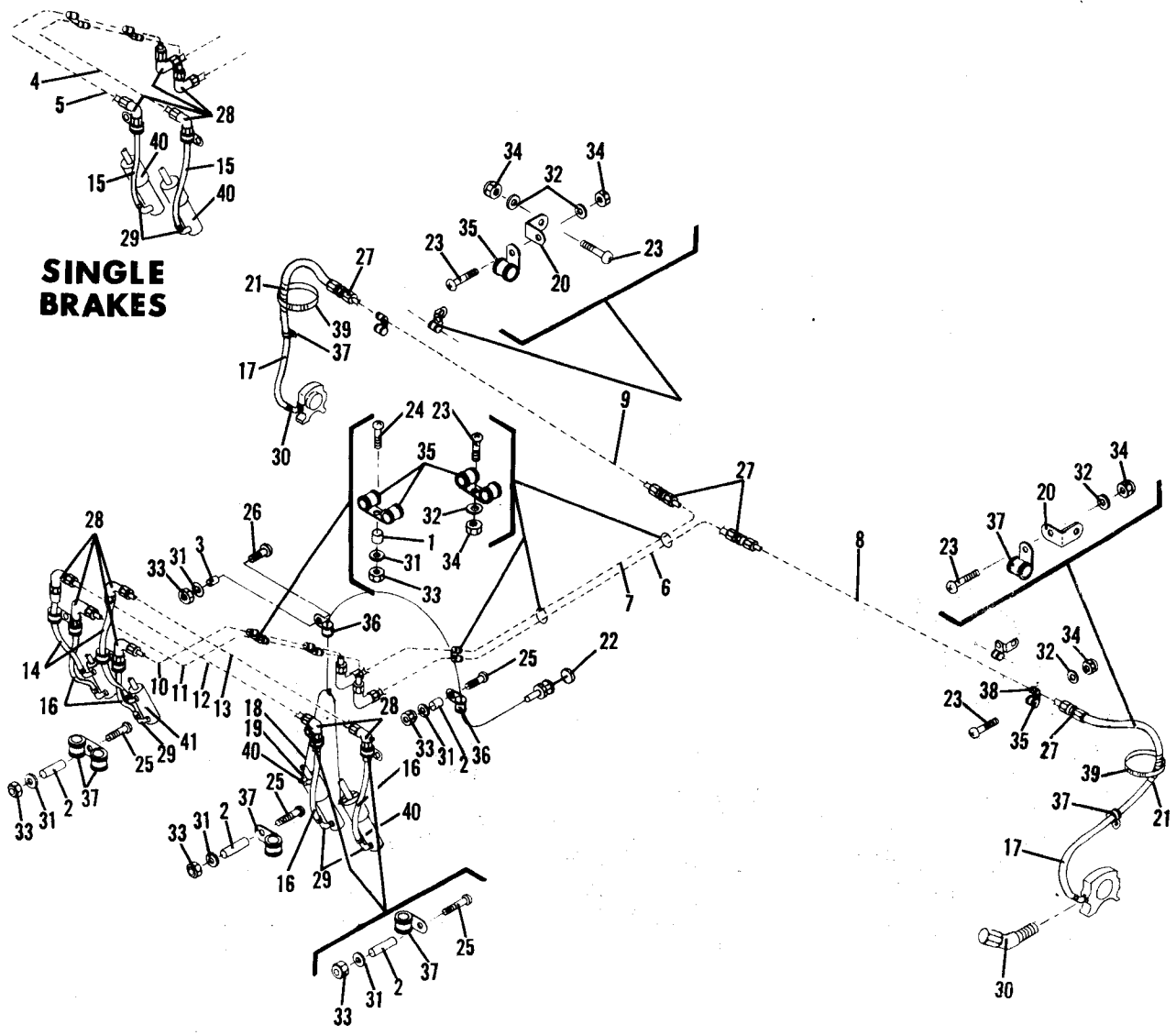


Figure 49. Brake System Installation



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
	48810-1		BRAKE SYSTEM INSTALLATION - Single		One & Up
	48810-3		BRAKE SYSTEM INSTALLATION - Dual		
49-1	40111-41		BUSHING	2	
-2	40111-49	A	BUSHING	3	
	40111-49	B	BUSHING	5	
-3	40111-67		BUSHING	1	
-4	46099-31	A	HYDRAULIC LINE	1	
-5	46099-33	A	HYDRAULIC LINE	1	
-6	46099-35		HYDRAULIC LINE	1	
-7	46099-37		HYDRAULIC LINE	1	
-8	46099-39		HYDRAULIC LINE	1	
-9	46099-40		HYDRAULIC LINE	1	
-10	46099-75	B	HYDRAULIC LINE	1	
-11	46099-77	B	HYDRAULIC LINE	1	
-12	46099-85	B	HYDRAULIC LINE	1	
-13	46099-87	B	HYDRAULIC LINE	1	
-14	46136-21	B	HOSE ASSEMBLY	2	
-15	46136-11	A	HOSE ASSEMBLY	2	
-16	46136-11	B	HOSE ASSEMBLY	4	
-17	46136-25		HOSE ASSEMBLY	2	
	48812-1		CABLE ASSEMBLY - Park Brake	1	
-18	48812-3		CABLE	1	
-19			SLEEVE (182GPC332P, Nicro Press)	2	
-20	48819-1		CLIP	4	
-21	64005		WRAP (500002-1)	A/R	
-22	P3468		CABLE (64-032-348, Arens Controls, Inc.)	1	
-23	56853		SCREW (AN526-1032R7)	11	
-24			SCREW (AN526-1032R12)	2	
-25		A	SCREW (AN526-1032R24)	3	
		B	SCREW (AN526-1032R24)	5	
-26			SCREW (AN526-1032R28)	1	
-27	57565		UNION (AN815-4D)	4	
-28	57747	A	ELBOW (AN821-4D)	4	
	57747	B	ELBOW (AN821-4D)	8	
-29	57770	A	ELBOW (AN822-4D)	2	
	57770	B	ELBOW (AN822-4D)	6	

A Used with single brake installation only.
B Used with dual brake installation only.

When Ordering, Always Specify Part Number, Nomenclature
And Serial Number of Aircraft.



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
49-30	57940		ELBOW (AN823-4D)	2	One & Up
-31		A	WASHER (AN960-10)	6	
		B	WASHER (AN960-10)	8	
-32			WASHER (AN960-10L)	11	
-33		A	NUT (MS20365C1032)	6	
		B	NUT (MS20365C1032)	8	
-34			NUT (MS20365D1032)	11	
-35	65729		CLAMP (MS21919DG4)	14	
-36	A2297		CLAMP (MS21919DG5)	2	
-37	65707		CLAMP (MS21919DG10)	10	
-38	65727		CLAMP (MS21919DG8)	2	
-39			CLAMP (QS100M60)	2	
-40			MASTER BRAKE CYLINDER ASSEMBLY -Pilots (A-049-3P, Gerdes Products)	2	
-41		B	MASTER BRAKE CYLINDER ASSEMBLY - Co- Pilots (A-110-9, Gerdes Products)	2	

A Used with single brake installation only.
B Used with dual brake installation only.

When Ordering, Always Specify Part Number, Nomenclature
And Serial Number of Aircraft.

Section VIII

LANDING GEAR GROUP

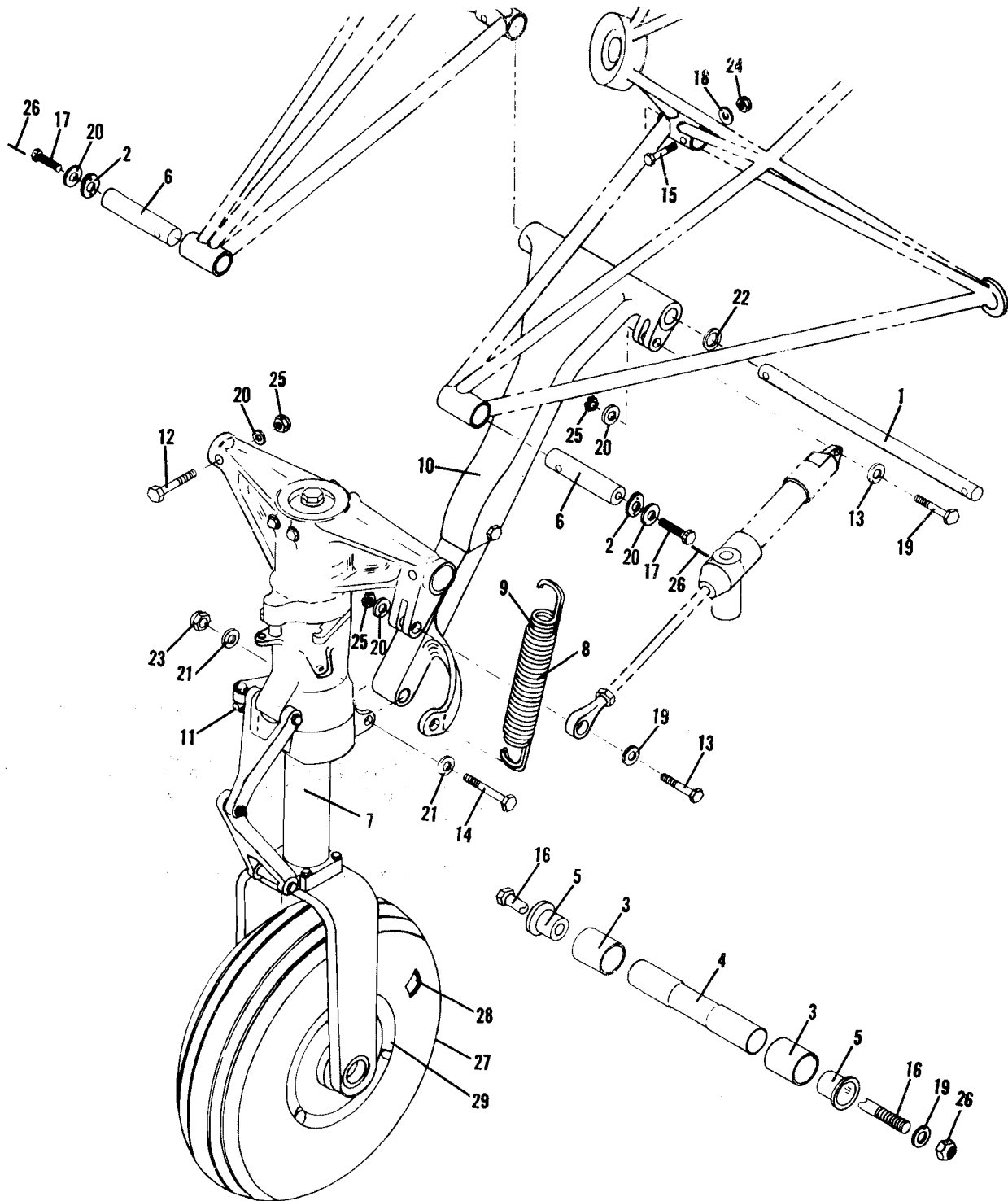


Figure 50. Nose Gear Installation



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
50-1	45002-1		NOSE GEAR INSTALLATION		One & Up
-1	45207-1		PIN - Drag Link	1	
-2	45209-1		RETAINER - Trunnion Pin	2	
-3	45236-1		SPACER - Wheel, Nose Landing Gear	2	
-4	45237-1		AXLE - Nose Landing Gear	1	
-5	45238-1		CUP - Axle	2	
-6	P227-18		PIN	2	
-7	P227		NOSE LANDING GEAR ASSEMBLY	1	
-8	P227-27		SPRING - Inner	1	
-9	P227-28		SPRING - Outer	1	
-10	45318-1		DRAG BRACE ASSEMBLY	1	
-11	48804-1		SHIMMY DAMPENER	1	
-12	51201		BOLT (AN4-22A)	2	
-13	51052		BOLT (AN4-15)	2	
-14	52551		BOLT (AN6-30A)	1	
-15	50198		BOLT (AN3C14)	2	
-16			BOLT (AN4-57A)	1	
-17	68470		BOLT (NAS 428H4-4)	2	
-18	58743		WASHER (AN960C10)	2	
-19	58771		WASHER (AN960C416)	6	
-20	58770		WASHER (AN960-416L)	6	
-21	58790		WASHER (AN960-616)	2	
-22	68280		WASHER (NAS70CL765-1313)	2	
-23	A0383		NUT (AN365-624)	1	
-24	55602		NUT (AN365-1032C)	2	
-25			NUT (LHTE-048W)	3	
-26	62333		ROLL PIN (52-022-094-0375, Esna)	2	
-27			TIRE, Type 3, 500 x 5, 4 Ply Rating	1	
-28			INNER TUBE, 500 x 5	1	
-29	63957		WHEEL (40-77, Cleveland Aircraft Products)	1	

When Ordering, Always Specify Part Number, Nomenclature
And Serial Number of Aircraft.

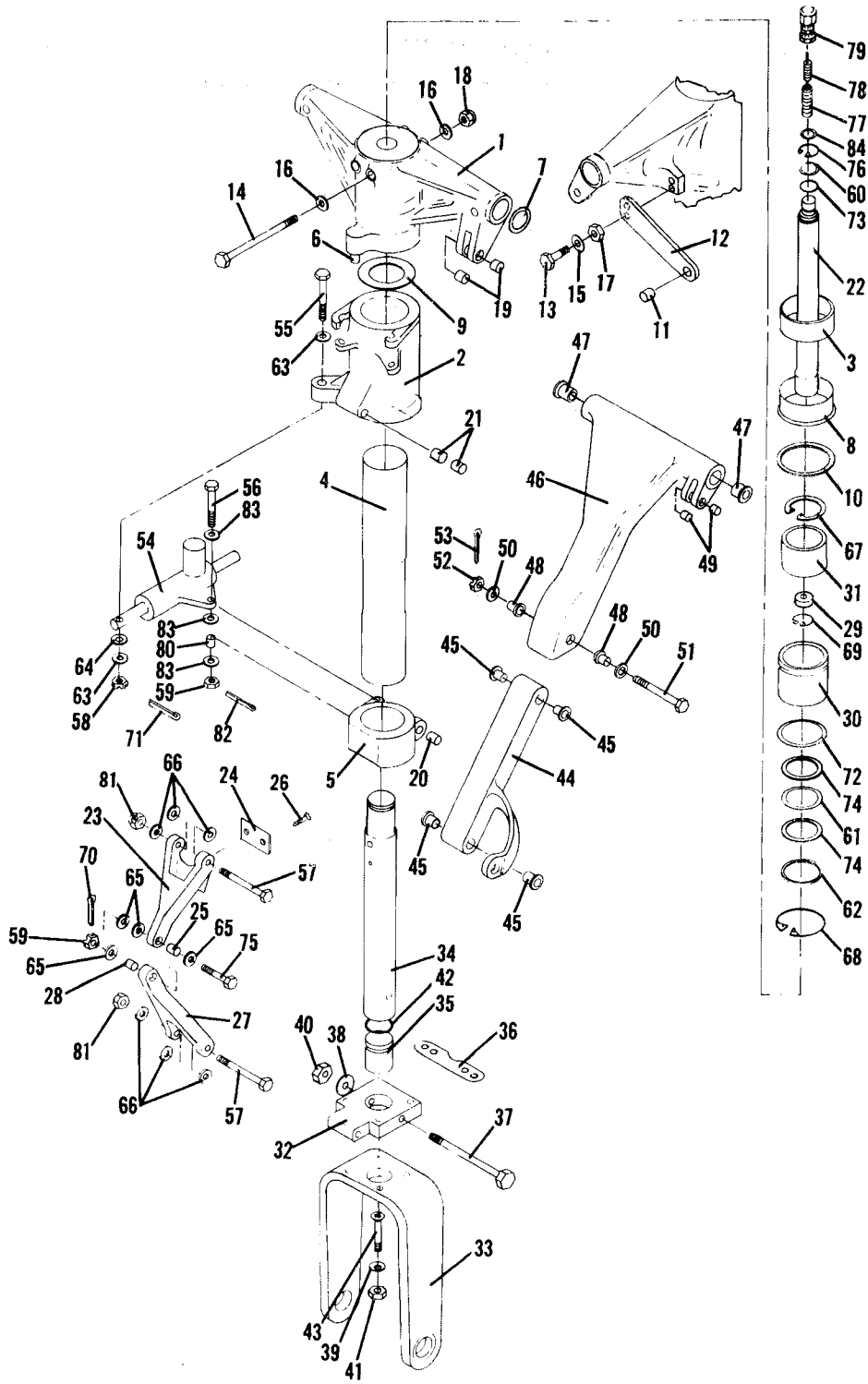


Figure 51. Nose Gear Assembly



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
	P227		NOSE LANDING GEAR ASSEMBLY	1	One & Up
	P227-1		BODY & TRUNNION ASSEMBLY	1	
51-1	P227-2		TRUNNION - Nose Landing Gear	1	
-2	P227-4		TORQUE TUBE	1	
-3	P227-6		BEARING - Torque Tube, Upper	1	
	P227-7		COLLAR & BODY ASSEMBLY	1	
-4	P227-8		BODY - Nose Gear	1	
-5	P227-24		COLLAR	1	
-6	P227-22		STOP PIN	1	
-7	P227-25		TRUNNION WASHER	2	
-8	P227-26		BUSHING - Torque Tube Lower	1	
-9	P227-29		WASHER - Spacer	A/R	
-10	P217-33		WASHER	1	
-11	P242-8		BUSHING	1	
-12	45370-1		ARM - Spring	1	
-13	50176		BOLT (AN3-13A)	2	
-14			BOLT (AN173-37A)	2	
-15	58740		WASHER (AN960-10)	4	
-16	58750		WASHER (AN960-10L)	4	
-17	A2167		NUT (MS20365-1032)	2	
-18			NUT (LHTM-02W)	2	
-19			BUSHING (250Q X .31 Lg., Bound Brook)	2	
-20			BUSHING (375C X .49 Lg., Bound Brook)	2	
-21			BUSHING (AA-410-3, Oilite)	2	
-22	P227-9		ORIFICE TUBE ASSEMBLY	1	
	P217-4		TORQUE LINK ASSEMBLY - Upper	1	
-23	P217-5		TORQUE LINK - Upper	1	
-24	P227-17		CENTERING PLATE	1	
-25	P227-31		BUSHING - Torque Link	1	
-26			SCREW (MS24694-C48)	2	
	P217-7		TORQUE LINK ASSEMBLY - Lower	1	
-27	P217-8		TORQUE LINK - Lower	1	
-28	P227-31		BUSHING	1	
-29	P217-14-9		PLATE - Orifice	1	
-30	P217-17		BEARING - Lower	1	
-31	P217-19		BEARING - Upper	1	
	45274-1		FORK ASSEMBLY - Nose Landing Gear	1	

When Ordering, Always Specify Part Number, Nomenclature
And Serial Number of Aircraft.



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
51-32	45222-1		COLLAR - Lower, Nose Gear	1	One & Up
-33	45239-1		FORK	1	
-34	45272-1		TUBE - Piston	1	
-35	45273-1		PLUG - Piston	1	
-36	45372-3		PLATE	1	
-37	51425		BOLT (AN4-32A)	1	
-38	58770		WASHER (AN960-416L)	2	
-39	58781		WASHER (AN960-516L)	4	
-40	A2172		NUT (MS20365-428)	1	
-41			NUT (MS20365-524)	4	
-42			O-RING (MS28775-120)	1	
-43			BOLT (NAS335-A21)	4	
	45318-1		DRAG BRACE ASSEMBLY	1	
	45317-1		DRAG BRACE ASSEMBLY - Lower	1	
-44	45334-1		DRAG BRACE - Lower	1	
-45			BEARING (F375C X .50 Bound Brook)	4	
	P242-1		DRAG BRACE ASSEMBLY - Upper	1	
-46	P242-2		DRAG BRACE - Upper	1	
-47	P242-7		BUSHING	2	
-48			BEARING (F375E X .36 Bound Brook)	2	
-49			BEARING (250Q X .312 Lg. Bound Brook)	2	
-50	58790		WASHER (AN960-616)	2	
-51			BOLT (NAS1106-36D)	1	
-52			NUT (F12NE4717-064)	1	
-53	65769		COTTER PIN (MS24665-301)	1	
-54	48804-1		SHIMMY DAMPENER	1	
-55			BOLT (AN173-13)	1	
-56	54220		BOLT (AN174-17)	1	
-57			BOLT (AN175-30A)	2	
-58	54825		NUT (AN320-3)	1	
-59	54850		NUT (AN320-4)	2	
-60	58928		O-RING (AN6227-11)	1	
-61	P0329		O-RING (AN6227-27)	1	
-62			SCRAPER (AN6231-17)	1	
-63	58743		WASHER (AN960C10)	2	
-64	58744		WASHER (AN960C10L)	1	
-65	58770		WASHER (AN960-416L)	5	

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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
51-66	58781		WASHER (AN960-516L)	6	One & Up
-67			RETAINER (MS16624-3143)	1	
-68			RETAINER (MS16625-206)	1	
-69			RETAINER (MS16625-3087)	1	
-70	65746		COTTER PIN (MS24665-134)	1	
-71	65757		COTTER PIN (MS24665-152)	1	
-72			O-RING (MS28775-134)	1	
-73			BACK UP RING (MS28782-11)	1	
-74			BACK UP RING (MS28782-27)	2	
-75			BOLT (NAS464P4-15)	1	
-76			RETAINER RING (5160-75MD, Waldes Truarc)	1	
-77			AIR VALVE (VS743, Dill Manufacturing)	1	
-78			CORE - AIR VALVE (VI-302-DD, Dill Manufacturing)	1	
-79			CAP-AIR VALVE (#637, Dill Manufacturing)	1	
-80	60168		BEARING (#250S)	1	
-81			NUT (LHTE-054W)	2	
-82	55700		COTTER (AN380-2-3)	1	
-83	P0254		WASHER (AN960C416)	3	
-84			GASKET (AN6290-2)	1	

When Ordering, Always Specify Part Number, Nomenclature
And Serial Number of Aircraft.

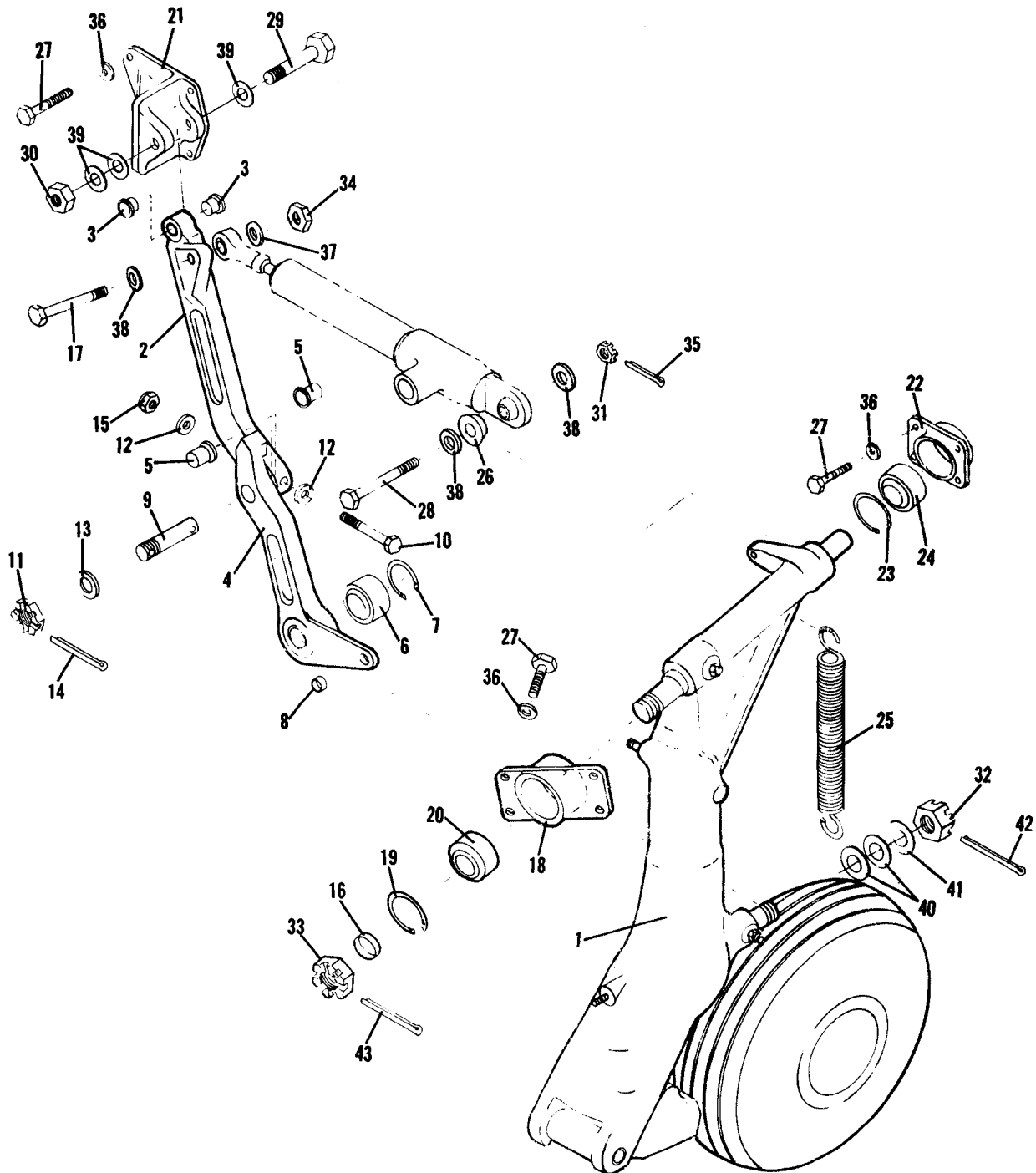


Figure 52. Main Landing Gear Installation



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED	
52-1	45001-3		MAIN LANDING GEAR INSTALLATION, L.H.		One & Up	
	45001-4		MAIN LANDING GEAR INSTALLATION, R.H.			
	45017-1		MAIN LANDING GEAR ASSEMBLY, L.H.	1		
	45017-2		MAIN LANDING GEAR ASSEMBLY, R.H.	1		
	45312-1		SIDE BRACE ASSEMBLY, L.H.	1		
	45312-2		SIDE BRACE ASSEMBLY, R.H.	1		
	45303-1		SIDE BRACE ASSEMBLY - Upper, L.H.	1		
	45303-2		SIDE BRACE ASSEMBLY - Upper, R.H.	1		
	-2	45304-1		SIDE BRACE - Upper, L.H.		1
		45304-2		SIDE BRACE - Upper, R.H.		1
	-3	P254-14		BUSHING		4
		45306-1		SIDE BRACE ASSEMBLY - Lower, L.H.		1
		45306-2		SIDE BRACE ASSEMBLY - Lower, R.H.		1
	-4	P254-5		SIDE BRACE - Lower, L.H.		1
		P254-11		SIDE BRACE - Lower, R.H.		1
	-5	45313-1		BUSHING		2
	-6			BEARING (BSSR-12290, Southwest Products Co.)		2
	-7			RETAINER (RR156C, Spirolox)		2
	-8	P252-32		BUSHING		2
	-9	P254-7		BOLT		2
	-10			BOLT (AN174-20A)		2
-11	A0278		NUT (AN320-12)	2		
-12	58769		WASHER (AN960PD416L)	4		
-13	58821		WASHER (AN960-1216)	2		
-14			COTTER PIN (MS24665-357)	2		
-15			LOCK NUT (LHTE048W, Esna)	2		
-16	45210-1		COLLAR	2		
-17	45369-1		BOLT	2		
	42330-1		FITTING ASSEMBLY - Main Landing Gear, Forward)	2		
-18	42273-1		FITTING	2		
-19			RING (IN-175, Eaton, Yale & Towne Inc.)	2		
-20	60113		BEARING (LHSS-16, Heim Universal Corp.)	2		
-21	42274-1		FITTING - Main Landing Gear Side Stay	1		
	42274-2		FITTING - Main Landing Gear Side Stay	1		
	42231-1		FITTING ASSEMBLY - Main Landing Gear AFT	2		

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And Serial Number of Aircraft.



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
52-22	42272-1		FITTING - Main Landing Gear AFT	2	One & Up
-23			RING (IN-175, Eaton, Yale & Towne Inc.)	2	
-24	60113		BEARING (LHSS-16, Heim Universal, Inc.)	2	
-25	P252-33		SPRING	2	
-26	P254-45		SPACER	2	
-27	50902		BOLT (AN4-7A)	24	
-28	51425		BOLT (AN4-32A)	2	
-29	52997		BOLT (AN8-31)	2	
-30	54500		NUT (AN310-8)	2	
-31	54850		NUT (AN320-4)	2	
-32	A0278		NUT (AN320-12)	2	
-33	A0284		NUT (AN320-15)	2	
-34	55349		NUT (AN364-428)	2	
-35	55750		COTTER PIN (AN380-3-3)	2	
-36	58760		WASHER (AN960-416)	24	
-37	58770		WASHER (AN960-416L)	2	
-38	58790		WASHER (AN960-616)	6	
-39	58805		WASHER (AN960-816)	6	
-40	58821		WASHER (AN960-1216)	4	
-41	58822		WASHER (AN960-1216L)	2	
-42	65765		COTTER PIN (MS24665-283)	2	
-43			COTTER PIN (MS24665-293)	4	

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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
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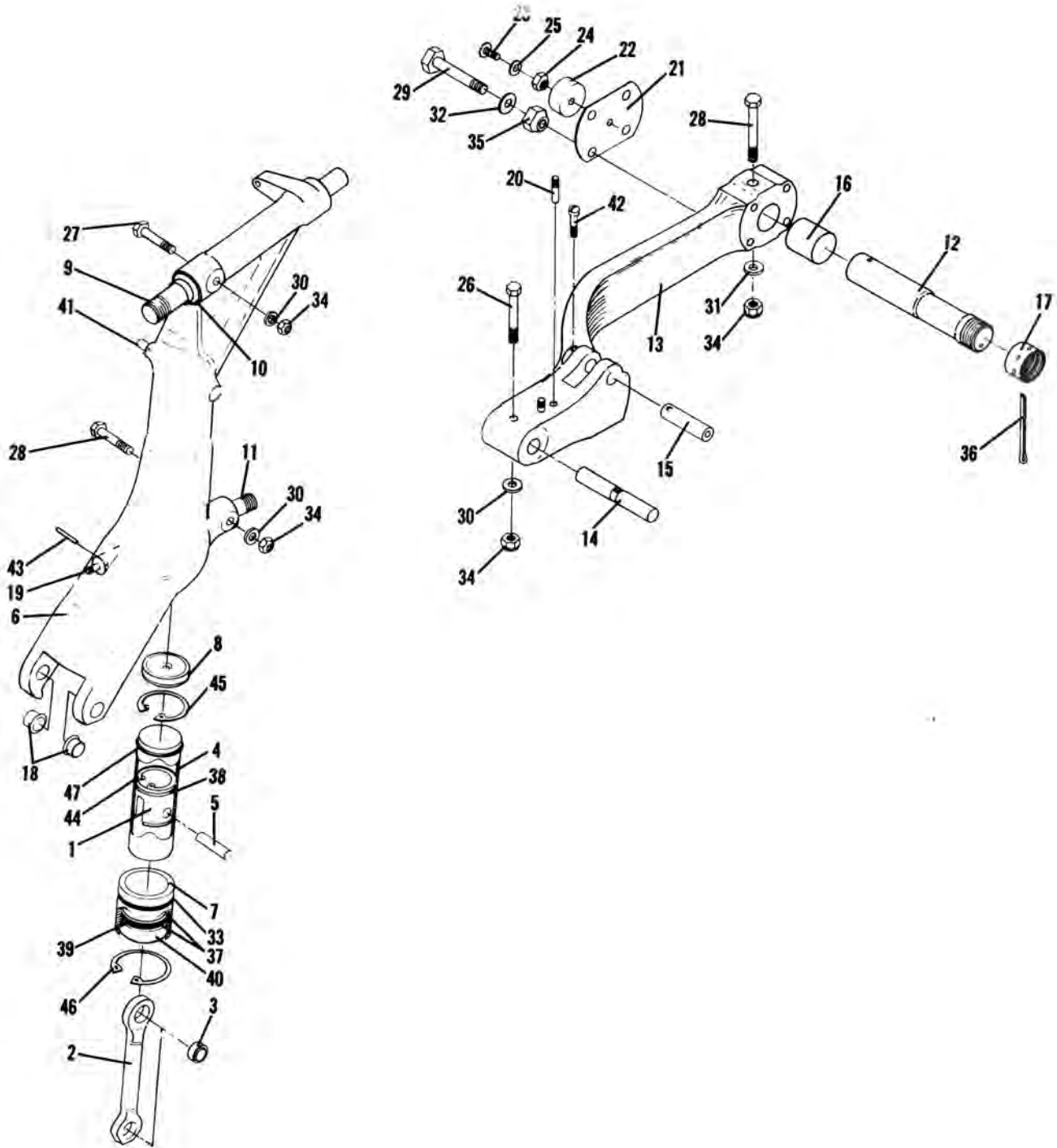


Figure 53. Strut Assembly Main Landing Gear



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED	
53-1	45017-1	A	STRUT ASSEMBLY - Main Landing Gear, L.H.	1	One & Up	
	45017-2		STRUT ASSEMBLY - Main Landing Gear, R.H.	1		
	45201-1		PISTON - Main Landing Gear	2		
	45202-3		PISTON ROD ASSEMBLY - Main Landing Gear	2		
	-2		45213-1	PISTON ROD - Main Landing Gear		2
	-3			BEARING (LHA-9, Heim Universal Corp.)		4
	-4		45204-1	PISTON TUBE - Main Landing Gear		2
	-5		45205-1	PISTON PIN - Main Landing Gear		2
	-6		45217-1	TRUNNION - Main Landing Gear, L.H.		1
			45217-2	TRUNNION - Main Landing Gear, R.H.		1
	-7		45211-1	BEARING - Main Landing Gear		2
	-8		45212-1	ORIFICE - Main Landing Gear		2
	-9		45214-1	TRUNNION PIN - Main Landing Gear		2
	-10		45215-1	COLLAR - Main Landing Gear		2
	-11		45260-1	STUD - Side Brace		2
	-12		P252-18	AXLE - Main Landing Gear		2
	-13		P252-21	YOKE, L.H.		1
			P252-22	YOKE, R.H.		1
	-14		45258-1	PIN - Knee Joint		2
	-15		P252-27	ROD - Pin		2
	-16		P252-29	SPACER - Wheel		2
	-17		P252-30	NUT - Axel		2
	-18		45259-1	BUSHING		4
	-19		P252-42	STUD		2
	-20		45019-1	STUD		2
			42308-1	BUMPER ASSEMBLY - Up Stop		2
	-21		42308-3	PLATE		2
	-22			BUMPER (9102-Q, Rubbercraft)		2
-23		SCREW (AN520-10-12)	2			
-24	A0358	NUT (AN365-1032)	2			
-25	58750	WASHER (AN960-10L)	2			
-26	51276	BOLT (AN4-25A)	2			
-27	51326	BOLT (AN4-27A)	2			
-28	51425	BOLT (AN4-32A)	4			

A Used Only on R.H. Assembly

When Ordering, Always Specify Part Number, Nomenclature
And Serial Number of Aircraft.



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
53-29	51852		BOLT (AN5-24A)	8	One & Up
-30	58760		WASHER (AN960-416)	6	
-31	58770		WASHER (AN960-416L)	2	
-32	58780		WASHER (AN960-516)	8	
-33			O-RING (AN6230-10)	2	
-34	A2172		NUT (MS20365-428)	8	
-35			NUT (MS20365-524)	8	
-36			COTTER PIN (MS24665-293)	2	
-37			RING (MS28774-331)	4	
-38	65935		O-RING (MS28775-224)	2	
-39			O-RING (MS28775-331)	2	
-40			SCRADER RING (MS28776-23)	2	
-41			AIR VALVE (MS28889-1)	2	
-42			SCREW (MS35265-47)	2	
-43			ROLL PIN (59-018-078-1000, Esna)	2	
-44			RETAINING RING (N5000-200, Waldes Truarc)	4	
-45			RETAINING RING (N5000-275, Waldes Truarc)	2	
-46			RETAINING RING (N5000-300, Waldes Truarc)	2	
-47			RETAINING RING (RST-225, Spirolox)	2	

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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
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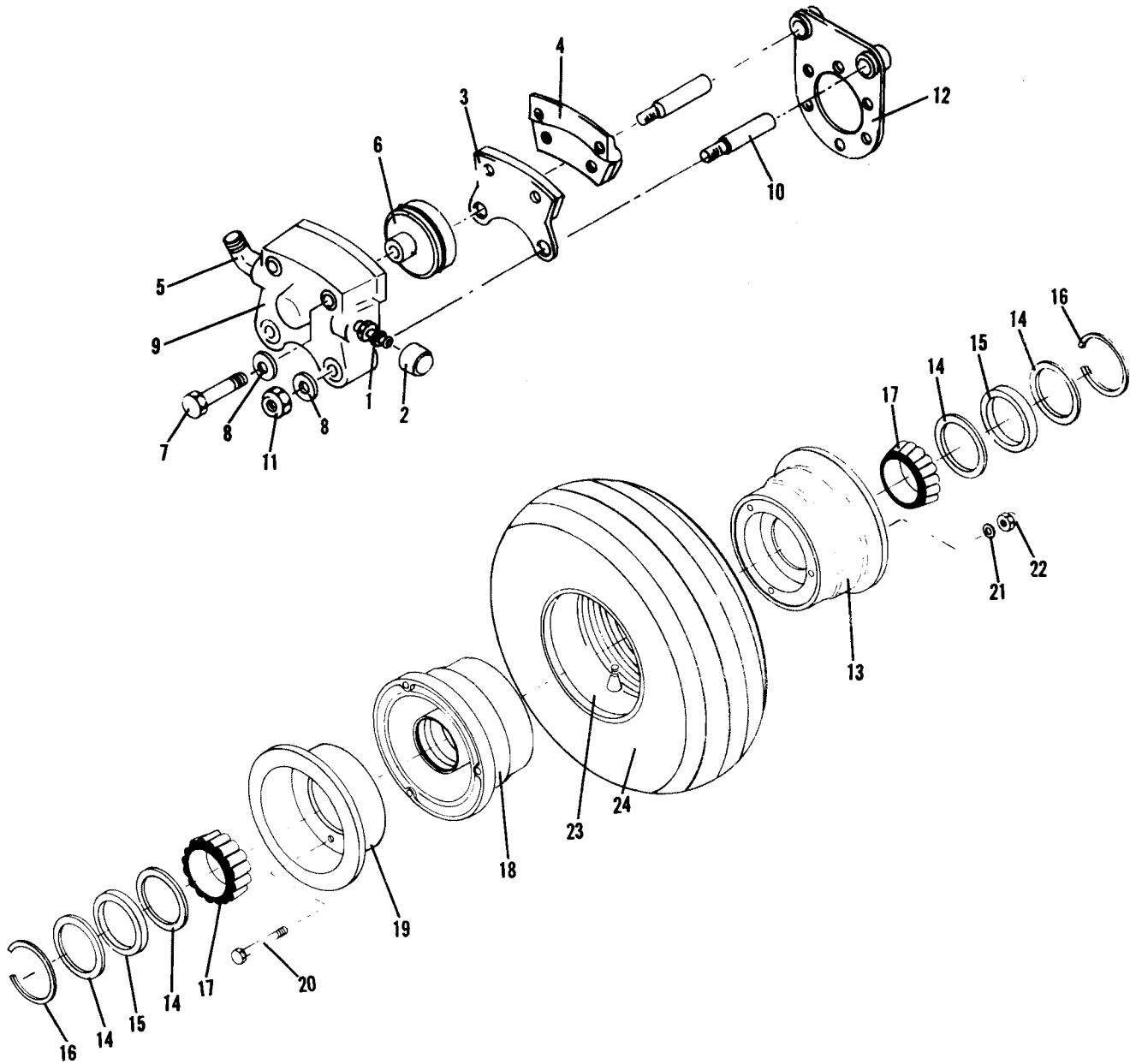


Figure 54. Brake and Wheel Assembly



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
			BRAKE ASSEMBLY (30-79, Cleveland Aircraft Products)	2	One & Up
			BRAKE CYLINDER ASSEMBLY (091-05500, Cleveland Aircraft Products)	2	
54-1	P5508		SCREW - Bleeder (FC6446, Cleveland Aircraft Products)	2	
-2			CAP - Bleeder (183-00100, Cleveland Aircraft Products)	2	
-3			PRESSURE PLATE ASSEMBLY (073-01100, Cleveland Aircraft Products)	2	
-4			BACKPLATE ASSEMBLY (074-01000, Cleveland Aircraft Products)	2	
-5			FITTING - Tube (104-00500, Cleveland Aircraft Products)	2	
-6			PISTON ASSEMBLY (092-01600, Cleveland Aircraft Products)	2	
-7			BOLT (103-11600, Cleveland Aircraft Products)	4	
-8			WASHER (095-10200, Cleveland Aircraft Products)	8	
-9			CYLINDER (061-04000, Cleveland Aircraft Products)	2	
-10			ANCHOR BOLT (069-00400, Cleveland Aircraft Products)	4	
-11			NUT (094-10300, Cleveland Aircraft Products)	4	
-12			TORQUE PLATE ASSEMBLY (075-07900, Cleveland Aircraft Products)	2	
			WHEEL ASSEMBLY (40-113A, Cleveland Aircraft Products)	2	
-13			OUTER WHEEL HALF (162-04700, Cleveland Aircraft Products)	2	
-14			RING - Gear Seal (153-00900, Cleveland Aircraft Products)	8	

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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
54-15			FELT - Gear Seal (154-00800, Cleveland Aircraft Products)	4	One & Up
-16			RING - Snap (155-00100, Cleveland Aircraft Products)	4	
-17			CONE - Bearing (214-00200, Cleveland Aircraft Products)	4	
-18			INNER WHEEL HALF (161-04900, Cleveland Aircraft Products)	2	
-19			BRAKE DISC ASSEMBLY (164-04300, Cleveland Aircraft Products)	2	
-20			BOLT (103-11000, Cleveland Aircraft Products)	6	
-21			WASHER (095-10400, Cleveland Aircraft Products)	6	
-22			NUT (094-10300, Cleveland Aircraft Products)	6	
-23	63903		INNER TUBE 600-6	2	
-24	P6164		TIRE, TYPE III, 600-6, 4 PLY RATING	2	

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Section IX

ELECTRICAL GROUP



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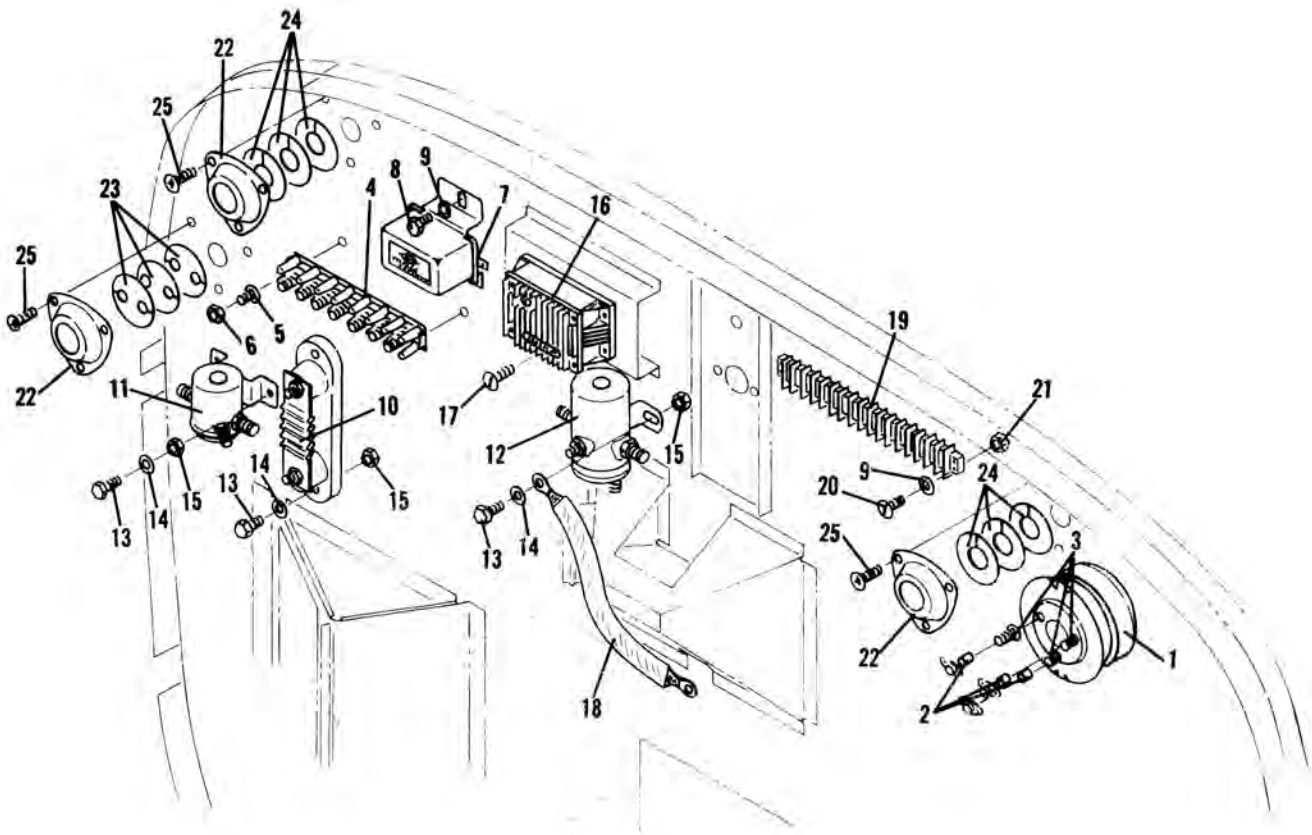


Figure 55. Electrical Equipment Firewall



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
	48002-1 43008-1		ELECTRICAL SYSTEM INSTALLATION FIREWALL ASSEMBLY		One & Up
55-1	48299-1		GEAR WARNING BELL ASSEMBLY	1	
-2	68801		SPACER (NAS 1057T3-035)	3	
-3	56801		SCREW (AN526-832R12)	3	
-4	A2406		TERMINAL STRIP (MS27212-2-7)	1	
-5	59705		SCREW (AN5156R6)	2	
-6			NUT (NAS679A06)	2	
-7	63949		OVERVOLTAGE RELAY (X16799, Prestolite Co.)	1	
-8	56616		SCREW (AN525-832R10)	2	
-9	A1641		WASHER (AN960-8L)	6	
-10			SHUNT (SW407616-P9, Stewart Warner)	1	
-11	63122		SOLENOID - Starter (SAN4204, Prestolite)	1	
-12	62539		SOLENOID - Relay (71311222, RBM Control)	1	
-13	50826		BOLT (AN4-4A)	6	
-14	P0253		WASHER (AN960-416)	6	
-15	A2172		NUT (MS20365-428)	6	
-16	P5332		VOLTAGE REGULATOR (VSF-7202/3, Prestolite)	1	
-17	56846		SCREW (AN526-832R9)	4	
-18	48264-1		STRAP ASSEMBLY - Ground	1	
-19	63273		TERMINAL STRIP (17-141, Cinch Jones)	1	
-20			SCREW (AN526-832R13)	4	
-21	A0398		NUT (MS20365-832)	4	
-22	61574		GROMMET HOLDER (MT342, Arens)	3	
-23			GROMMET ()	3	
-24			GROMMET ()	6	
-25	56598		SCREW (AN520-10R5)	9	

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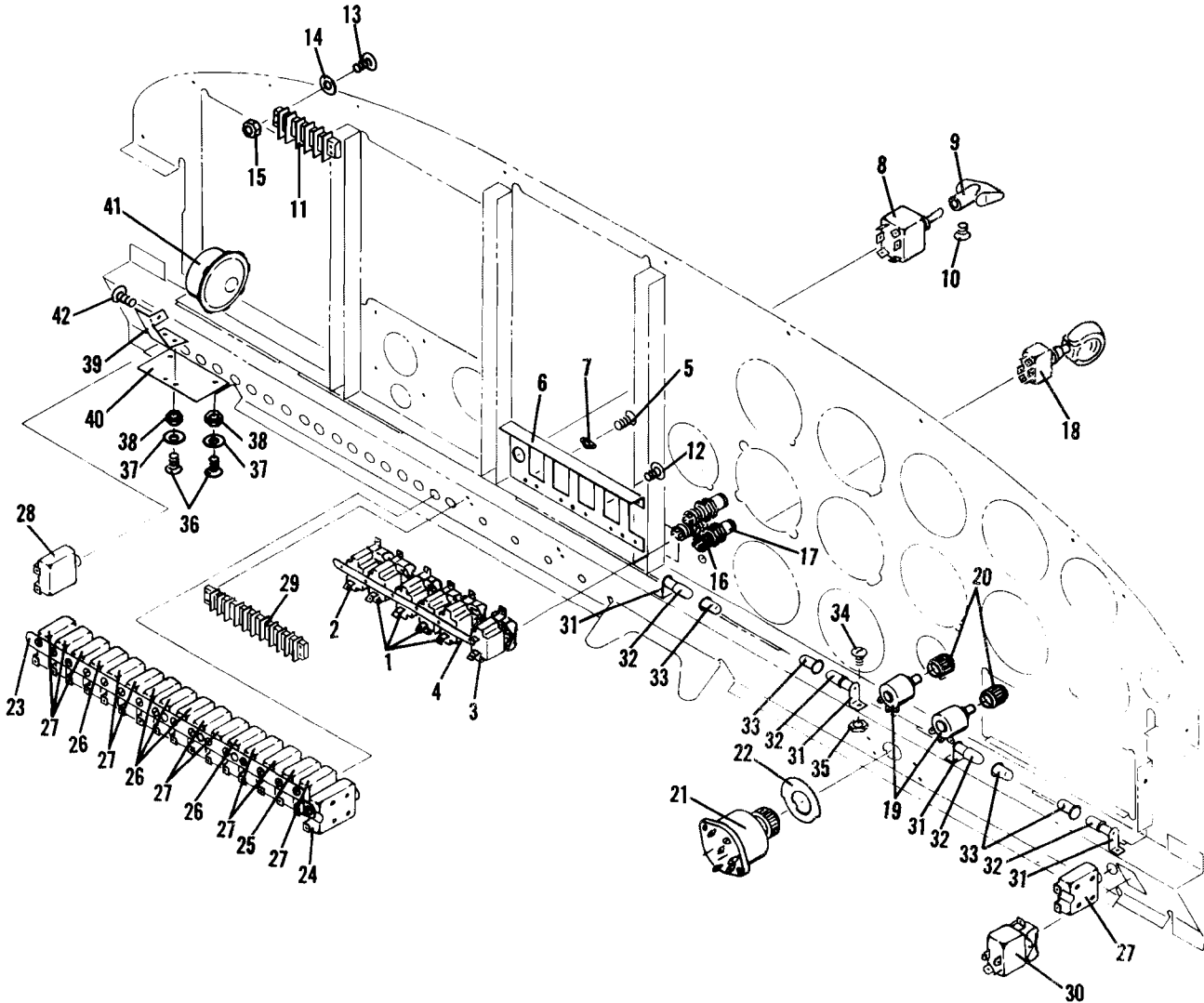


Figure 56. Instrument Panel Electrical Installation



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
	48002-1		ELECTRICAL SYSTEM INSTALLATION	1	One & Up
	48240-1		MAIN PANEL ELECTRICAL INSTALLATION	1	
	48290-1		CIRCUIT BREAKER SWITCH PANEL ASSEMBLY	1	
	48237-1		CIRCUIT BREAKER SWITCH ASSEMBLY	1	
56-1	60434		CIRCUIT BREAKER (20TC 2-AC-15, Texas Instrument)	4	
-2	60435		CIRCUIT BREAKER (20TC 2-AC-10, Texas Instrument)	1	
-3	60436		CIRCUIT BREAKER (20TC 2-AC-5, Texas Instrument)	1	
-4	48225-1		BUSS BAR	1	
-5	59619		SCREW (AN507-632R4)	12	
	48244-1		SWITCH BRACKET ASSEMBLY	1	
-6	48245-1		BRACKET	1	
-7	P7078		NUT PLATE (NAS697 A06)	6	
	48231-1		SWITCH ASSEMBLY - Flap Actuator	1	
-8	65853		TOGGLE SWITCH (MS25201-6)	1	
-9	48261-1		HANDLE - Flap Switch	1	
-10	59621		SCREW (AN507-632-6)	1	
-11	63274		TERMINAL STRIP (5-141, Cinch Jones)	1	
-12	56625		SCREW (AN526-632R6)	6	
-13	56801		SCREW (AN526-832R12)	4	
-14	A1641		WASHER (AN960-8L)	4	
-15	A0398		NUT (MS20365-832)	4	
	48239-1		LANDING GEAR SWITCH & WARNING LIGHT INSTALLATION	1	
	48287-1		LANDING GEAR SWITCH & LIGHT ASSEMBLY	1	
-16	61572		LAMPHOLDER - Green (5148-636-609, Drake)	3	
	61252		LAMP (330)	3	
-18	63407		SWITCH - Landing Gear (8906 K2516, Cutler-Hammer)	1	
	48215-1		DIMMER INSTALLATION	1	
	48291-1		DIMMER ASSEMBLY	1	
-19	P5360		RHEOSTAT (O 110, Ohmi)	2	
-20	62129		KNOB (RB-67-0-OC-M, Rogan)	2	

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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
56-21	48241-1 63776		SUB-PANEL INSTALLATION	1	
			IGNITION & STARTER SWITCH (10-357210-1, Bendix)	1	
-22	63777		POSITION INDICATING DIAL (10-187468, Bendix)		
-23	48249-1		BUS BAR	1	
-24	60444		CIRCUIT BREAKER (MP-1648-001-70, Mechanical Products)	1	
-25	60443		CIRCUIT BREAKER (MP-1600T-35, Mechanical Products)	1	
-26	60440		CIRCUIT BREAKER (MP-1600T-10, Mechanical Products)	5	
-27	60442		CIRCUIT BREAKER (MP-1600T-5, Mechanical Products)	12	
-28	P3565		CIRCUIT BREAKER (109-205-101, Wood)	1	
-29	63275		TERMINAL STRIP (10-164, Cinch Jones)	1	
	48272-1		MASTER SWITCH & BATTERY CIRCUIT BREAKER ASSEMBLY		
-30	63412		SWITCH (8143K21-E13P50, Cutler Hammer)	1	
-31	61578		LAMPHOLDER (4090-308, Drake)	4	
-32	62153		LAMP (1813)	4	
-33	61421		FILTER CAP - Red (1813/8, APM Hexseal Corp.)	4	
-34	56608		SCREW (AN526-632-4)	4	
-35	55377		NUT (MS20364-632)	4	
	48211-1		STALL WARNING HORN INSTALLATION	1	
-36	56836		SCREW (AN526-832R7)	4	
-37	A1641		WASHER (AN960-8L)	4	
-38	A0398		NUT (MS20365-832)	4	
	48267-1		STALL WARNING HORN ASSEMBLY	1	
-39	43416-1		BRACKET	1	
-40	43420-1		PLATE - Insulator	1	
-41	61652		HORN (A-2933, Delta Electronics)	1	
-42	56792		SCREW (AN526-832R4)	1	

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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
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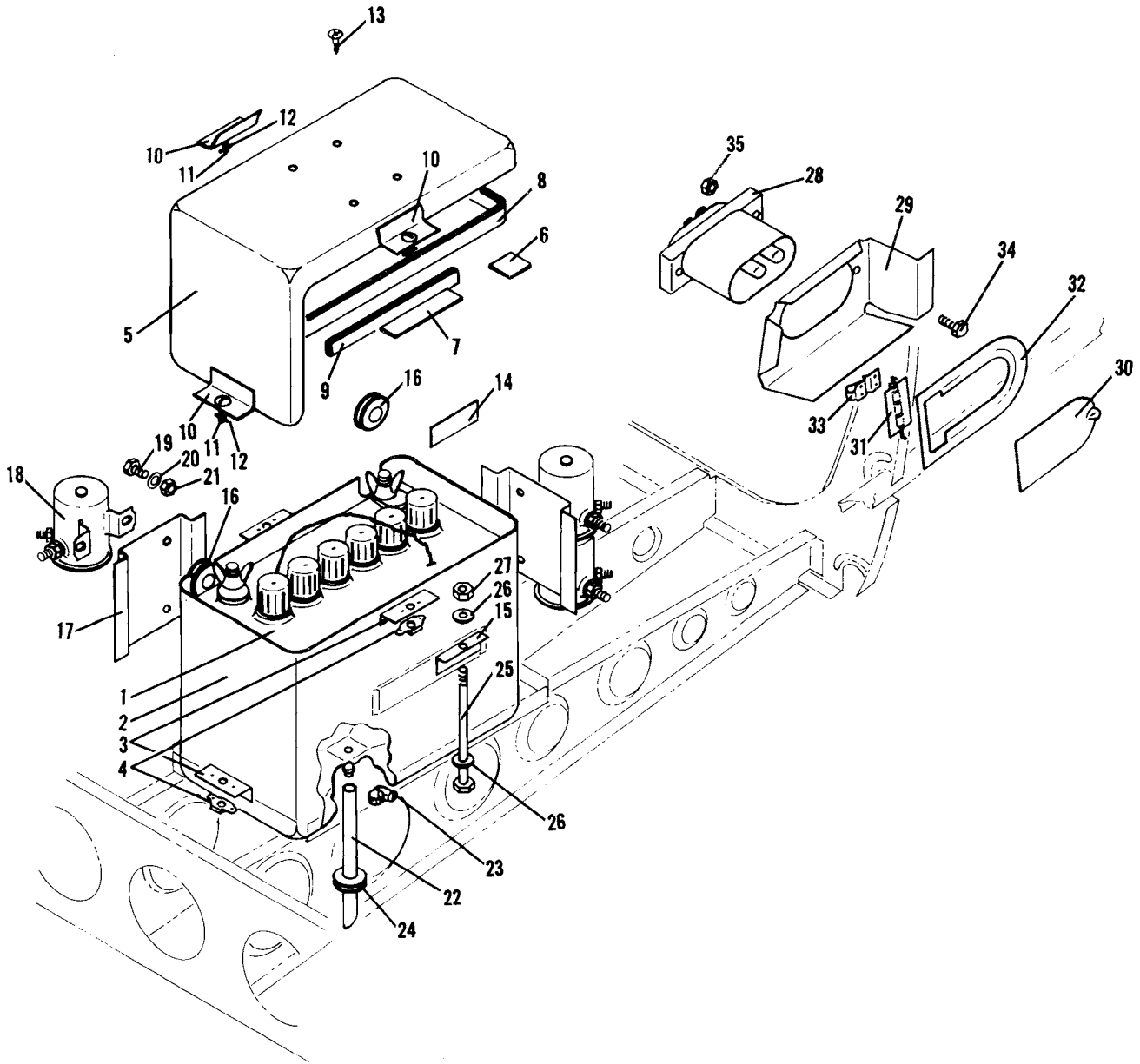


Figure 57. Battery and External Power Unit Installation



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
57-1	48246-1	A	BATTERY INSTALLATION	1	
			BATTERY (S-25, Rebat)	1	
			BATTERY (R-35-Rebat)	1	
	48224-1		RELAY INSTALLATION - Battery Box	1	
	43425-1		BATTERY BOX ASSEMBLY	1	
-2	43426-1		BATTERY BOX	1	
	43430-1		BRACKET ASSEMBLY	3	
-3	43431-1		BRACKET	3	
-4	62619		RECEPTACLE (99833-C.130, Cinch)	3	
	43442-1		COVER ASSEMBLY	1	
-5	43427-1		COVER	1	
-6	43432-1		ISOLATION PAD	3	
-7	43434-1		SEAL - Battery Hold Down	2	
-8	43435-1		SEAL - Box Cover	1	
-9	43436-1		SEAL - Box Cover	1	
-10	43437-1		BRACKET	3	
-11	59266		STUD (98292-1-110, Cinch)	3	
-12	62357		PIN (99836, Cinch)	3	
-13	66591		SCREW (MS35493-25)	4	
-14	43438-1		DOUBLER	2	
-15	43440-1		BRACKET	2	
-16	66175		GROMMET (MS35489-41)	2	
-17	48268-1		DOUBLER	2	
-18	62551		SOLENOID (71111224, RBM Controls)	3	
-19	50826		BOLT (AN4-4A)	6	
-20	P0253		WASHER (AN960-416)	6	
-21	55401		NUT (MS20365-428C)	6	
-22	43418-1	TUBE - Battery Drain	1		
-23	66182	CLAMP (MS35842-10)	1		
-24	66161	GROMMET (MS35489-16)	1		
-25	P0007	BOLT (AN3-43A)	2		
-26	A1616	WASHER (AN960-10)	4		
-27	A2167	NUT (MS20365-1032)	2		
A - Optional Equipment					

When Ordering, Always Specify Part Number, Nomenclature
And Serial Number of Aircraft.



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
57-28	48226-1		EXTERNAL POWER UNIT INSTALLATION	1	One & Up
-29	A0052		A.P.U. RECEPTACLE (AN2552-3A)	1	
-30	43455-1		BRACKET	1	
-31	43456-1		DOOR	1	
-32	43457-1		HINGE ASSEMBLY	1	
-33	43458-1		DOUBLER	1	
-34	63002		DOOR SPRING (50-10-102-10, Southco)	1	
-35	A0130		BOLT (AN3-7A)	2	
	A0358		NUT (AN365-1032)	2	

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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
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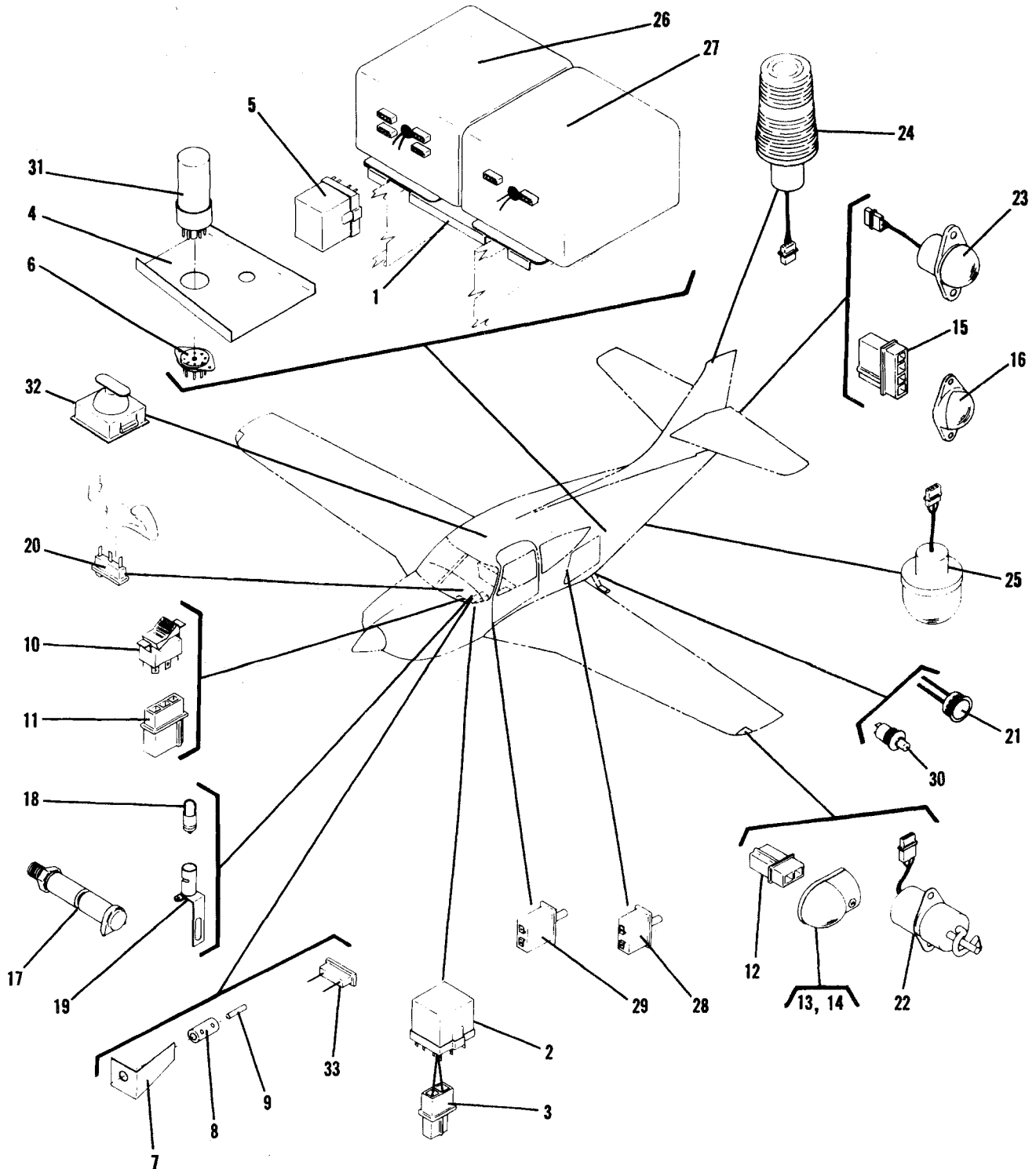


Figure 58. Night Lighting Installation



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
58-1	48012		DRAWING - Night Lighting Installation		One & Up
	43501-1		BRACKET - Power Supply	1	
	48107-1		DIMMER RELAY ASSEMBLY	1	
-2			RELAY (1R-1225-2C-12D, Guardian Inc.)	1	
-3	62303		PLUG (1-480-319-0, AMP Inc.)	1	
	48209-1		TIME DELAY ASSEMBLY	1	
-4	48208-1		BRACKET - Time Delay	1	
-5			RELAY (1R-1225-2C-12D, Guardian Inc.)	1	
-6			TUBE SOCKET (47C0415, Allied Electric Inc.)	1	
-7	48214-1		BRACKET - Dimmer Control	1	
-8	48227-1		COUPLER - Dimmer Control	1	
-9	48234-1		SHAFT - Dimmer Control	1	
	48243-1		STROBE SWITCH ASSEMBLY	1	
-10	63410		SWITCH (8142K21E6P50, Cutler - Hammer)	1	
-11	62301		PLUG (1-480305, Amp Inc.)	1	
	48270-1		NAV LITE ASSEMBLY - Wing, L.H.	1	
	48271-1		NAV LITE ASSEMBLY - Wing, R.H.	1	
-12	62303		PLUG (1-480319-0, Amp Inc.)	2	
-13			NAV LITE, L.H. (A1815A-R12, Grimes Mfg. Company)	1	
-14			NAV LITE, R.H. (A1815A-G12, Grimes Mfg. Company)	1	
	48273-1		NAV LITE ASSEMBLY - Rear	1	
-15	62309		PLUG (1-480-426-0, Amp Inc.)	1	
-16			NAV LITE (A2064-12, Grimes Mfg. Co.)	1	
-17			POST LIGHT (A8970B-1-330, Grimes Mfg. Co.)	4	
-18	62192		LAMP (336, G. E.)	2	
-19			LAMPHOLDER (2506-1, Leecraft Mfg. Co.)	2	
-20			LIGHT (51-G3-1135T, Leecraft Mfg. Co.)	2	
-21			LIGHT (2690A14, Industrial Devices Inc.)	2	
-22			STROBE LIGHT (A434-14, Whelen Engineering Co.)	2	
-23			STROBE LIGHT (A430-14, Whelen Engineering Co.)	1	
			STROBE LIGHT (X2RD, Aeroflash Signal Corp.)	3	
-24			STROBE LIGHT (A408-14, Whelen Engineering Co.)	1	
			STROBE LIGHT (X1EB, Aeroflash Signal Corp.)	1	
-25			STROBE LIGHT (A450, Whelen Engineering Co.)	1	

When Ordering, Always Specify Part Number, Nomenclature
And Serial Number of Aircraft.



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQ'D	SERIAL NO'S AFFECTED
58-26			STROBE LIGHT (X1EC, Aeroflash Signal Corp.)	1	One & Up
			POWER SUPPLY (73140, Aeroflash Signal Corp.)	3	
			POWER SUPPLY (HDT3-14, Whelen Engineering Co.)	1	
-27			POWER SUPPLY (A1EB-12, Aeroflash Signal Corp.)	1	
			POWER SUPPLY (HD-14, Whelen Engineering Co.)	1	
-28	63418		SWITCH (1DM21, Micro Switch)	1	
-29	63417		SWITCH (1DM1, Micro Switch)	2	
-30			SWITCH (P3-32112, Otto Controls Div.)	1	
-31			RELAY (12C180, Amperite)	1	
-32	62203		LIGHT ASSEMBLY (10-0527-1, Grimes)	5	
-33			LIGHT ASSEMBLY (312111, Leecraft Mfg. Co.)	1	

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Section X

ELECTRONICS GROUP



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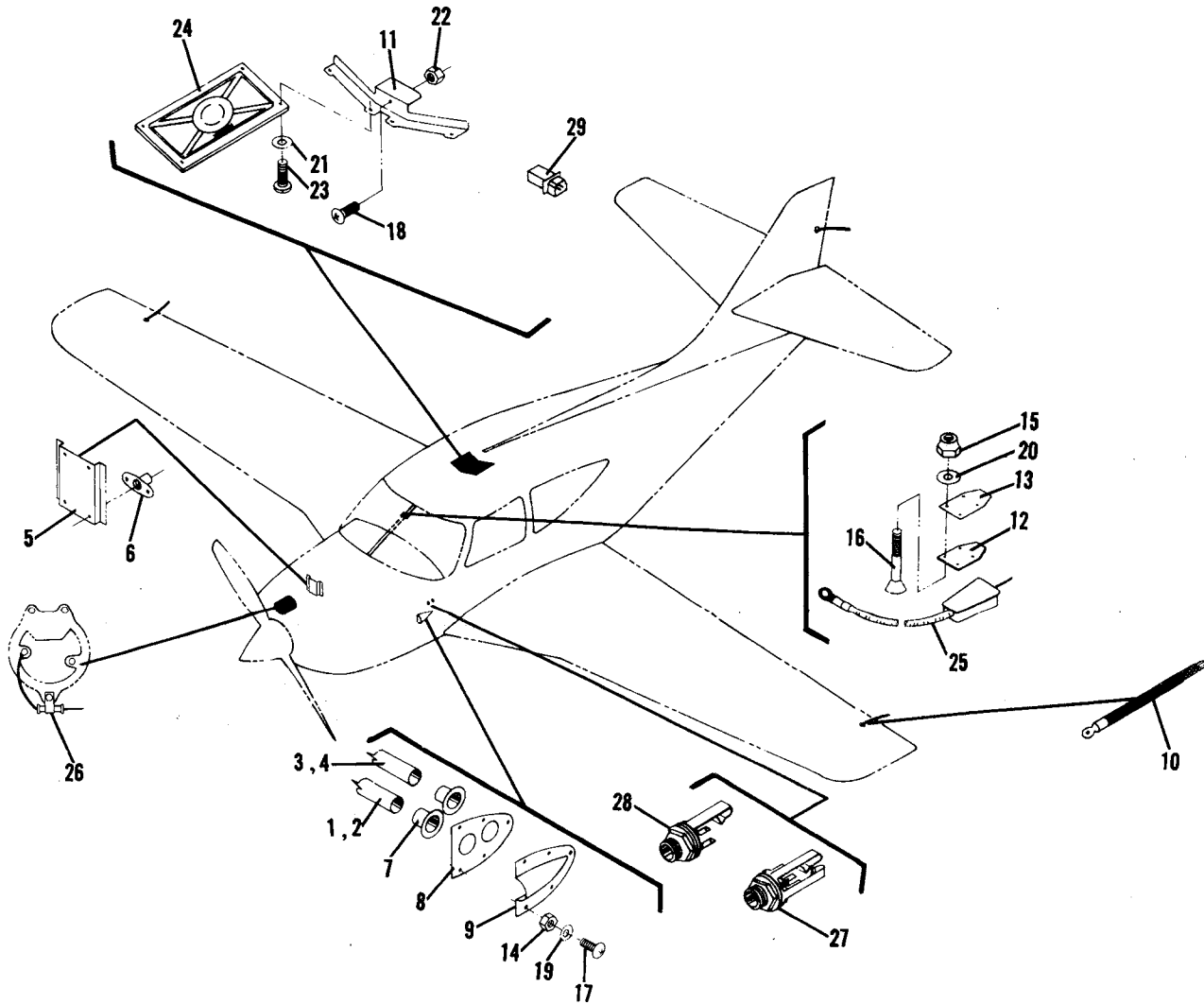


Figure 59. Radio System Installation



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
	48700		DRAWING - Radio System Installation		One & Up
	48701		DRAWING - Narco Radio Installation		
	48702		DRAWING - King Radio Installation		
59-1	48054-13		TUBE - Plastic, R.H.	1	
-2	48054-15		TUBE - Plastic, L.H.	1	
-3	48054-13		TUBE - Plastic, R.H.	1	
-4	48054-17		TUBE - Plastic, L.H.	1	
	48715-1		BRACKET ASSEMBLY - URG-2	1	
-5	48715-3		BRACKET	1	
-6			NUTPLATE (AN362-F632)	4	
	48717-1		FLANGE PLATE ASSEMBLY - Radio Air	2	
-7	46098-1		TAKEOFF - Air	4	
-8	48716-1		FLANGE PLATE - Radio Air	2	
-9	48718-1		SCOOP - Radio Air	2	
-10	48728-1		WICK ASSEMBLY - Static Discharge	3	
-11	48739-1		BRACKET - Speaker	2	
-12	49087-1		PLATE - Sunvisor	1	
-13	49087-3		PLATE - Sunvisor	1	
-14	55474		NUT (AN365-632)	10	
-15	A0398		NUT (AN365-832)	2	
-16			SCREW (AN509-8-22)	2	
-17	A1093		SCREW (AN526-632-8)	10	
-18	56838		SCREW (AN526-832R8)	1	
-19	58720		WASHER (AN960-6)	10	
-20	58719		WASHER (AN960-8L)	2	
-21	58734		WASHER (AN960D8L)	8	
-22			NUT (MS20364-832)	1	
-23			SCREW (MS24618-31)	8	
-24	63187		SPEAKER (P5, Electronic Research)	2	
-25	62256		MICROPHONE (61600-01, Telex)	1	
-26			CAPACITOR (48P60, Sprague Products Co.)	1	
-27	62098		JACK (JJ-033, Amp Inc.)	2	
-28	62099		JACK (JJ-034, Amp Inc.)	2	
-29			PLUG (1480318, Amp Inc.)	1	

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And Serial Number of Aircraft.



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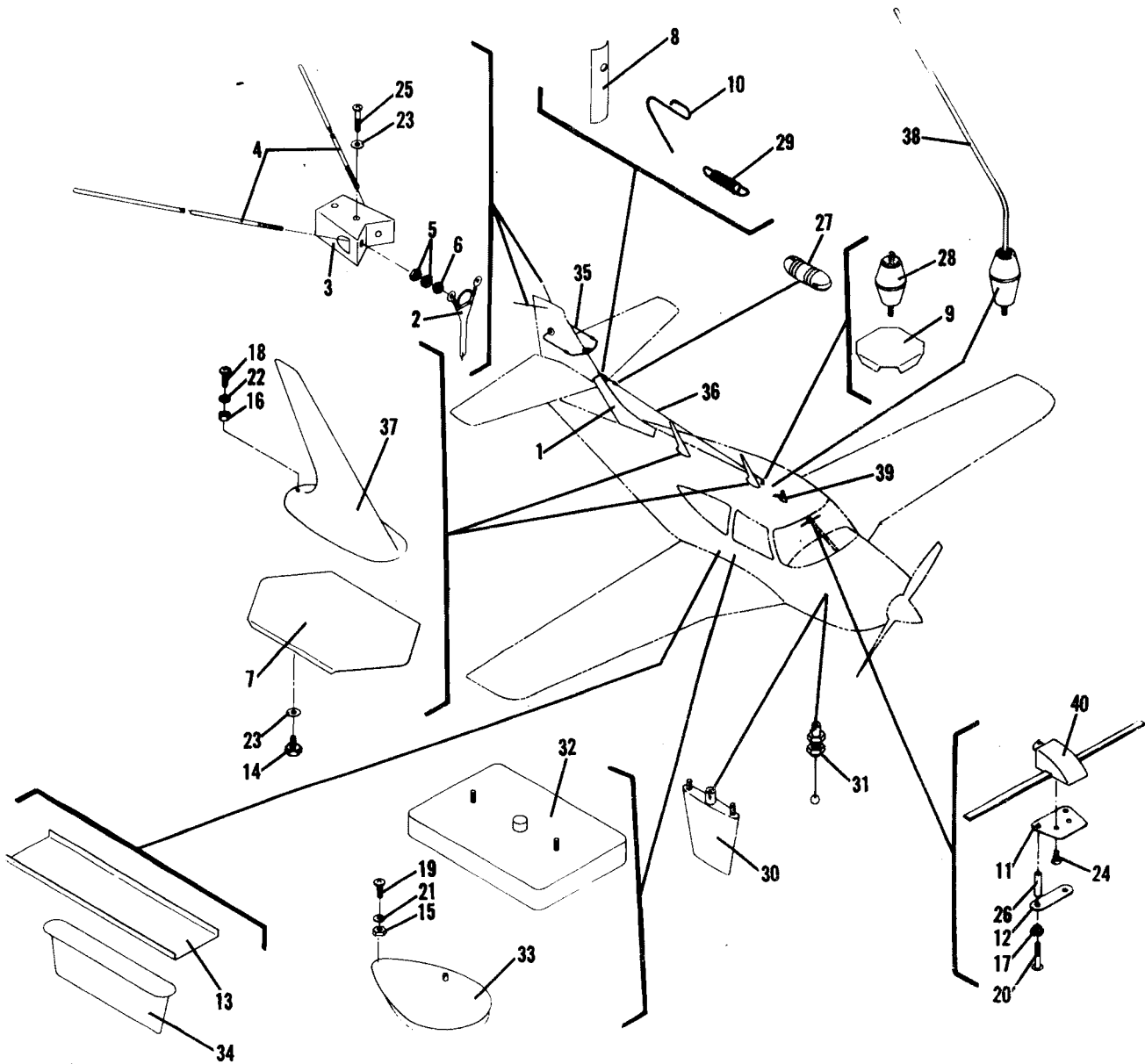


Figure 60. Antenna System Installation



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
60-1	48705	A	DRAWING - Antenna Installation		One & Up
	43360-5		DORSAL FAIRING ASSEMBLY - Antenna	1	
	48725-1		ANTENNA ASSEMBLY - Omni	1	
-2	48721-1		CABLE ASSEMBLY - Omni Antenna	1	
-3	48722-1		BASE BLOCK - Omni Antenna	1	
-4	48724-1		ANTENNA - Omni	2	
-5	55149		NUT (AN345C10)	4	
-6	A2167		NUT (MS20365-1032)	2	
-7	48731-1		DOUBLER - Broadband Antenna	1	
-8	48732-1		STIFFENER - Sense Antenna	1	
-9	48733-1		DOUBLER - Sense Antenna	1	
-10	48734-1		CLIP - Antenna	1	
-11	48735-1		BRACKET - Antenna	1	
-12	48736-1		STRAP - Antenna	1	
-13	48738-1		DOUBLER - Antenna	1	
-14	50026		BOLT (AN3-5A)	10	
-15	54977		NUT (AN340-6)	14	
-16			NUT (AN340C8)	10	
-17	55125		NUT (AN345-10)	2	
-18			SCREW (AN515C8-14)	10	
-19	56611		SCREW (AN526-632-5)	14	
-20	56910		SCREW (AN526-1032-20)	2	
-21	58621		WASHER (AN936B6)	14	
-22			WASHER (AN960C8L)	10	
-23	58750		WASHER (AN960-10L)	10	
-24			SCREW (MS24693S272)	2	
-25			SCREW (NAS221-21)	2	
-26			SPACER (NAS43DD3-64)	2	
-27	62090		INSULATOR (6007, Johnson Insulator)	1	
-28			INSULATOR ASSEMBLY (37F081, Type 135-40, Johnson Insulator)	1	
-29	60740		SPRING (NAF1086-4, Johnson Insulator)	1	
-30			ANTENNA ASSEMBLY (UDA-3, Narco Avionics)	1	
-31			ANTENNA ASSEMBLY (AT-50, Narco Avionics)	1	
-32		ANTENNA ASSEMBLY (071-1006-10, King Radio Corp.)	1		
	82102	ANTENNA ASSEMBLY (2321E, Bendix Radio Div.)	1		
-33		ANTENNA ASSEMBLY (01073-10, Narco Avionics)	1		

A When 43360-5 is installed, 43360-1 should be omitted.

When Ordering, Always Specify Part Number, Nomenclature
And Serial Number of Aircraft.

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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
60-34			ANTENNA ASSEMBLY (AD-8, Antenna Development Company)	1	One & Up
			ANTENNA ASSEMBLY (EMB10-14, Communications Components Corp.)	1	
-35			ANTENNA ASSEMBLY (AT908A, Bendix Radio Div.)	1	
			ANTENNA ASSEMBLY (DMN42-1, Dorne and Margolin Inc.)	1	
-36			ANTENNA ASSEMBLY (VNA-10, Narco Avionics)	1	
			ANTENNA ASSEMBLY (SA10-94, Communications Components Corp.)	1	
-37			ANTENNA ASSEMBLY (DMC58-1, Dorne and Margolin Inc.)	2	
	82142		ANTENNA ASSEMBLY (AT-907A, Bendix Radio Div.)	2	
			ANTENNA ASSEMBLY (AD-11, Antenna Development Company)	2	
-38	80058		ANTENNA ASSEMBLY (VHF-1, Meriden Electronics Corp.)	1	
	80059		ANTENNA ASSEMBLY (VHF-1B, Meriden Electronics Corp.)	1	
			ANTENNA ASSEMBLY (AT-912A, Bendix Radio Div.)	1	
-39			ANTENNA ASSEMBLY (GS10-06, Communications Components Corp.)	1	
-40			ANTENNA ASSEMBLY (A-326-A, Aircraft Radio Corp.)	1	
			ANTENNA ASSEMBLY (AT-904A, Bendix Radio Div.)	1	
			ANTENNA ASSEMBLY (RGS10-48, Communications Components Corp.)	1	

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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
	48101		DRAWING - Autopilot System Installation		One & Up

When Ordering, Always Specify Part Number, Nomenclature
And Serial Number of Aircraft.



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
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When Ordering, Always Specify Part Number, Nomenclature
And Serial Number of Aircraft.

Section XI

MISCELLANEOUS



Aero Commander Division
North American Rockwell

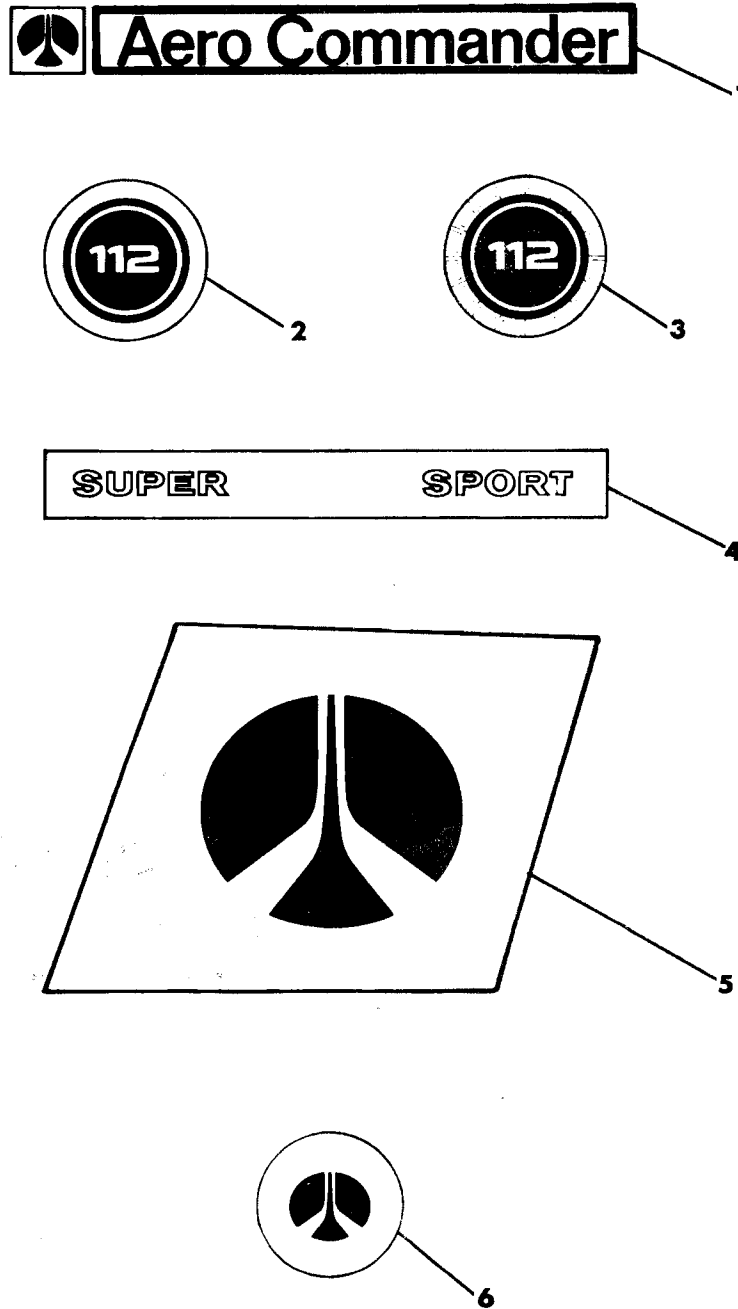


Figure 61. Interior and Exterior Markings



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
61-1	49046-1		DECAL - Exterior Name Plate		One & Up
-2	49064-3		DECAL - Exterior Identification		
-3	49064-5		DECAL - Exterior Identification		
-4	49064-7		DECAL - Exterior Identification		
-5	49067-3		DECAL - Exterior Logo, L. H.		
-6	49067-4		DECAL - Exterior Logo, R. H.		
	49085-1		MEDALLION - Control Wheel		

When Ordering, Always Specify Part Number, Nomenclature
And Serial Number of Aircraft.



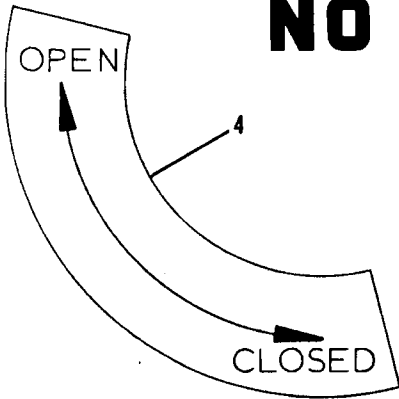
Aero Commander Division
North American Rockwell

Aero Commander Division
North American Rockwell

MODEL NO.
SERIAL NO.
T. C. NO.
P. C. NO.
ALBANY, GEORGIA

FUEL
100 OCTANE MIN
30 GAL. USABLE

OIL CAP 8 QTS	
TEMP. F.	SAE NO.
ABOVE 60°	50
30°-90°	40
0°-70°	30
BELOW 10°	20



NO STEP

WARNING
RELEASE AIR IN STRUT
BEFORE DISASSEMBLY

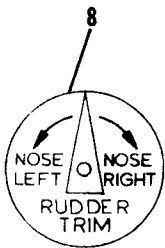
AERO COMMANDER DIV.
NORTH AMERICAN ROCKWELL

PART NO. _____
SERIAL NO. _____
DATE MFG. _____

SERVICING INSTRUCTIONS

REMOVE AIR VALVE AND FULLY EXTEND STRUT WITH VALVE IN VERTICAL POSITION, FILL TO OVERFLOWING WITH MIL-H-5606 HYDRAULIC FLUID, FULLY COMPRESS STRUT TO REMOVE EXCESS OIL, REPLACE AIR VALVE WITH NO LOAD ON STRUT INFLATE WITH NITROGEN OR CLEAN DRY AIR TO _____ PSIG TIRE PRESS _____ PSIG

DESIGN MANEUVERING SPEED-----	111 KNOTS
MAX. LANDING GEAR SPEED-----	130 KNOTS
MAX. SPEED 20 FLAPS-----	130 KNOTS
MAX. COWL FLAP SPEED-----	130 KNOTS



ALL MARKINGS AND PLACARDS ON THIS AIRPLANE APPLY TO ITS OPERATION AS A NORMAL CATEGORY AIRPLANE. FOR UTILITY CATEGORY OPERATION REFER TO THE AIRPLANE FLIGHT MANUAL.

NO PASSENGERS IN REAR SEAT OR BAGGAGE IN BAGGAGE COMPARTMENT DURING UTILITY CATEGORY OPERATIONS.

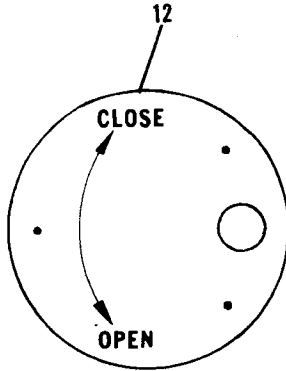
THIS AIRPLANE IS APPROVED FOR FLIGHT IN DAY NIGHT VFR FOR WHEN OPERATED IN ACCORDANCE WITH FAR 91. FLIGHT INTO KNOWING CONDITIONS PROHIBITED.

NO ACROBATIC MANEUVERS ARE APPROVED FOR NORMAL CATEGORY OPERATION. INTENTIONAL SPINS ARE PROHIBITED.

LANDING GEAR EMERGENCY DOWN
PULL OUT AND PUSH DOWN

BAGGAGE DOOR LIGHT

FINISH & TRIM



DO NOT OPEN
IN EXCESS
OF 130 KNOTS

N1002J

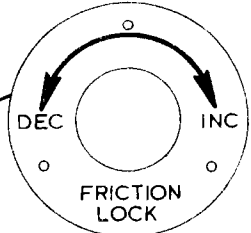


Figure 62. Interior and Exterior Placards

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FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
62-1	40125-1		PLACARD - Manufacture Identification	1	One & Up
-2	40131-1		PLACARD - Fuel	1	
-3	40132-1		PLACARD - Oil	1	
-4	40133-1		PLACARD - Door Latch, L.H.	1	
	40133-2		PLACARD - Door Latch, R.H.	1	
-5	40134-1		PLACARD - No Step	2	
-6	45315-1		PLATE - Caution	3	
-7	45316-1		PLATE - Identification	3	
-8	47412-1		DISK - Rudder Trim Indicator	1	
-9	49071-1		PLACARD - Limitation	1	
-10	49071-3		PLACARD - Airspeed	1	
-11	49076-1		PLACARD - Emergency Gear Down	1	
-12	49077-1		PLACARD - Door Open & Close, L.H.	1	
	49077-2		PLACARD - Door Open & Close, R.H.	1	
-13	49086-1		PLACARD - Pilot Window	1	
-14	49092-1		PLACARD - Registration	1	
-15	49307-1		PLACARD - Finish & Trim	1	
-16	49307-3		PLACARD - Baggage Light	1	
-17	49307-7		PLACARD - Friction Lock	1	

When Ordering, Always Specify Part Number, Nomenclature
And Serial Number of Aircraft.



FIG. & INDEX NO.	PART NUMBER	CODE	NOMENCLATURE	NO. REQD	SERIAL NO'S AFFECTED
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