

The Cessna Aircraft Company
Wichita, Kansas

Catalog Revisions

Model 140A
P105-12

PLEASE CORRECT CATALOG AS SHOWN BELOW

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				FROM	TO	
	47	26	26	0411837-1	0411837-2	7-1-70
	47	26	27	0411837-2	0411837-1	

TO ELIMINATE SHIPMENTS OF INCORRECT PARTS
PLEASE CORRECT CATALOGS IMMEDIATELY.



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Cat.	Page	Fig.	Index	CHANGE		REMARKS
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140A	19	11	8	0426907	0426907-1	
	29	17	12	0411041-5	0411041-9	
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The Cessna Aircraft Company
Wichita, Kansas

(2)

Catalog Revisions

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Cat.	Page	Fig.	Index	CHANGE		REMARKS
				FROM	TO	
140A	76	41	25	0512112	0513112	
	79	42	18	Top	Spring	0413020-5
	109	63	44	0541116-23	95-2353	
	113	68	2	0441143-12		Delete
	113	68	8	0441143-13		Delete
	115	71	1	0332136	0332136-3	
	117	73	1	0411041-6	0411041-9	
	127	79	36	0442006-18		Delete
	127	79	37	0442006-17		Delete
	129	80	16	0511081-1	0411081-2	
	129	80	23	0411067	0411067-1	

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CESSNA AIRCRAFT COMPANY

Wichita, Kansas

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FOREWORD

This illustrated Parts Catalog has been prepared to enable all concerned to more easily, quickly and positively identify Parts for the Cessna Model 140A. Suggestions for improvement of it are welcome.

Features of the book include the indexing system, which consists of:

- 1) A conveniently located Alphabetical Index in the front of the Catalog.
- 2) An Illustrated Index provided in Figure 1 — Airplane Assembly.
- 3) A Numerical Index in the back of the Catalog.

Through the use of the proper one of these three indexes, Parts may be located by name, number or location, as each index refers to where it may be found in the catalog.

Included also, is a color chart listing all exterior, interior and interior trim colors used on Cessna 140A's. These colors are listed by model without reference to serial number.

The use of vendors numbers has been discontinued in most cases in this catalog. In their place, Cessna numbers have been listed. This change has been made primarily for the convenience and protection of all concerned. Vendors occasionally change their numbers or redesign their parts. Whenever this happens, the vendor's numbers shown in the catalog are obsolete. This causes confusion and delay in filling your order and a great deal of paper work to get everyone notified of the change. However, if the part is ordered under a Cessna number, the correct part will be shipped out regardless of any change in vendor's number.

Another major change incorporated in this catalog is the use of "AN" and "NAS" numbers in place of vendor's numbers on standard hardware items such as Tinnerman nuts, clamps, etc. In such cases the part has been listed under both the "AN" or "NAS" number and the vendor's number to aid in recognizing the change.

JULY 1951

HOW TO ORDER

USE YOUR CATALOG TO ORDER PARTS. Use Parts and Accessories order form Number 573, which will be supplied by CESSNA on request. Give complete information on addresses and make sure that part number and part name are as shown in the catalog. Be sure to state quantities.

Be sure to specify how the order is to be shipped, otherwise it will be sent out in the manner that seems best to the shipper. Be sure to indicate model and serial number of the airplane. Serial number is very important to properly identify parts used on each airplane. Where color is involved, be sure to specify what color.

Factory hours are 7:30 A.M. to 4:00 P.M. Monday through Friday. All orders will be processed promptly within the above hours and in most cases will be shipped on the day received or on the following working day.

DISTRIBUTOR ORDERS

Distributors will send all orders to the factory with instructions as to the shipping destination. The factory prefers not to make C.O.D. shipments for the distributor and all billing will be made to the distributor in the case of direct shipments.

DEALER ORDERS

Dealers will place all of their parts order requirements with their distributor. The factory will not honor orders received directly from a dealer. It will be necessary for us to forward it to the distributor for his action. Therefore, dealer orders sent direct to the distributor will result in much faster delivery on any parts that are required.

RETAIL ORDERS

Retail orders will not be honored by the factory. They are to be placed with the dealer or distributor in the owner's territory and when received directly by the factory will be forwarded to the distributor from whose territory it was received. Considerable saving in time will again result to the owner if his orders are placed with his dealer or distributor.



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STANDARD PAINT COMBINATIONS

MODEL 140A

ITEM	COLOR		
	1949 & 1950 MODELS		1951 MODEL
	COMBINATION "A"	COMBINATION "B"	
Exterior	Insignia Red	Cessna Matallic Green	Red
Interior	Silver French Gray	Silver French Gray	Lima Tan
Instrument Panel Covers	Dark India	Cessna Blue Green	Lima Tan
Landing Gear Spring	#9544 Synthetic Gull Gray Enamel	#9544 Synthetic Gull Gray Enamel	#9544 Synthetic Gull Gray Enamel
Instrument Stationery Panel	Dark India	Cessna Blue Green	Matador Red

Please Specify Airplane Serial Number on Order.

STANDARD EQUIPMENT SECTION

- 25 EQUIPMENT - INSTRUMENT PANEL
- 26 CABIN UPHOLSTERY
- 27 ELECTRICAL WIRING DIAGRAM
- 28 FUEL SYSTEM
- 29 PITOT SYSTEM
- 30AILERON CONTROL SYSTEM
- 31ELEVATOR CONTROL SYSTEM
- 32ELEVATOR TAB CONTROL SYSTEM
- 33FLAP CONTROL SYSTEM
- 34RUDDER CONTROL SYSTEM

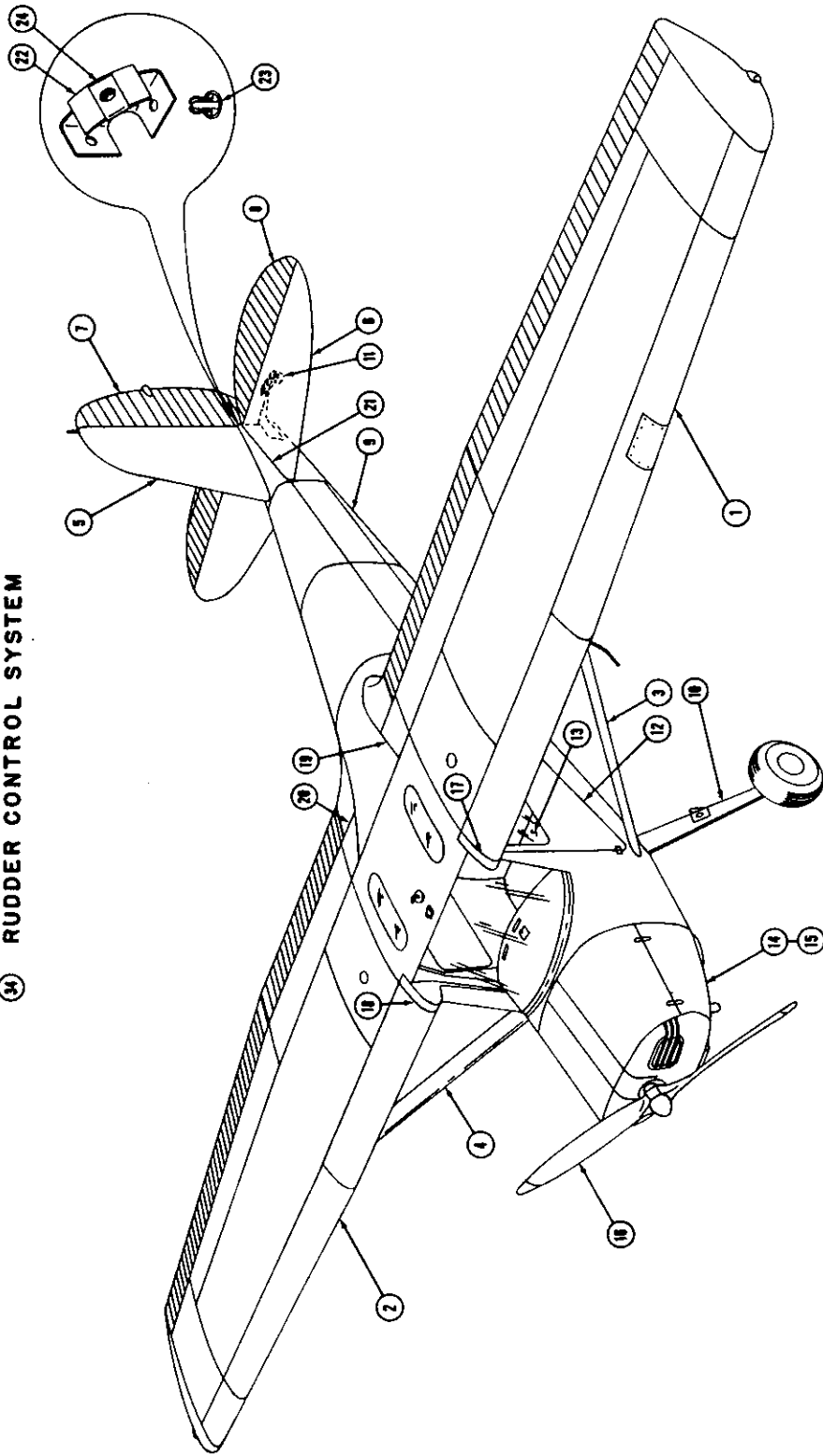


FIGURE I - AIRPLANE ASSEMBLY

ILLUSTRATED PARTS CATALOG

FIGURE 1

AIRPLANE ASSEMBLY

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	0400010-2	Airplane Assembly - (C-85 Engine)						1
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1-2	See Figure 7	Wing Assembly - Complete - Right						1
1-3	See Figure 12	Strut Assembly - Wing - Left						1
1-4	See Figure 12	Strut Assembly - Wing - Right						1
1-5	See Figure 13	Fin Assembly						1
1-6	See Figure 14	Stabilizer Assembly						1
1-7	See Figure 15	Rudder Assembly						1
1-8	See Figure 16	Elevator Assembly						1
1-9	See Figure 17	Fuselage Assembly						1
	See Figure 31	Wiring Installation - Fuselage						1
1-10	See Figure 27	Landing Gear Installation						1
1-11	See Figure 29	Tailwheel Installation						1
1-12	See Figure 32	Door Assembly - Left						1
	See Figure 33	Door Assembly - Right						1
1-13	See Figure 35	Seat Installation						1
1-14	See Figure 37	Engine Installation						1
1-15	See Figure 36	Cowl Assembly						1
1-16	0450014-3	Propeller - Sensenich 74FK-49 (Wood) (For Use On C-85 Engine)						1
	0450014-8	Propeller - Sensenich 74FK-51 (Wood) (For Use On C-85 Engine)						1
1-17	0426003-15	Fairing Assembly - Left						1
1-18	0426003-16	Fairing Assembly - Right						1
	0411852	Washer - (Attach Fairing)						12
	PK79XZ-8-8	Screw - (Attach Fairing)						12
	PK76XZ-8-8	Screw - (Attach Fairing)						6
1-19	0426003-7	Plate - Inspection - Left						1
1-20	0426003-8	Plate - Inspection - Right						1
	AN526-832R8	Screw - (Attach Inspection Plates)						16
	AN366-F832	Nutplate - (Attach Inspection Plates)						6
1-21	0430006-3	Tail Fairing Assembly - Left						1
	0430006-4	Tail Fairing Assembly - Right						1
	0411875-1	Channel - Rubber						2
	0430008	Clip - (Attach Spring)						1
	PK76XZ-8-8	Screw - (Attach Clip)						1
	NAS395-12-3	Nut - (Tinnerman A1786-82-3) (Attach Clip)						1
	S-4-2	Spring - (Attach Tail Fairing Assembly)						1
	PK76XZ-8-8	Screw - (Attach Tail Fairing Assembly)						6
1-22	0430009	Bracket - Fairing Attachment						2
1-23	49338-2	Fastener - (United Carr)						2
1-24	NAS395-12-3	Nut - (Tinnerman A1786-82-3)						2
1-25	See Figure 39	Equipment - Instrument Panel (Serials 15200 To 15470)						1
	See Figure 40	Equipment - Instrument Panel (Serials 15470 & On)						1
1-26	See Figure 34	Cabin Upholstery						1
1-27	See Figure 30	Electrical Wiring Diagram						1
1-28	See Figure 41	Fuel System						1
1-29	See Figure 42	Pitot System						1
1-30	See Figure 44	Aileron Control System						1
1-31	See Figure 45	Elevator Control System						1
1-32	See Figure 46	Elevator Tab Control System						1
1-33	See Figure 43	Flap Control System						1
1-34	See Figure 47	Rudder Control System						1

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

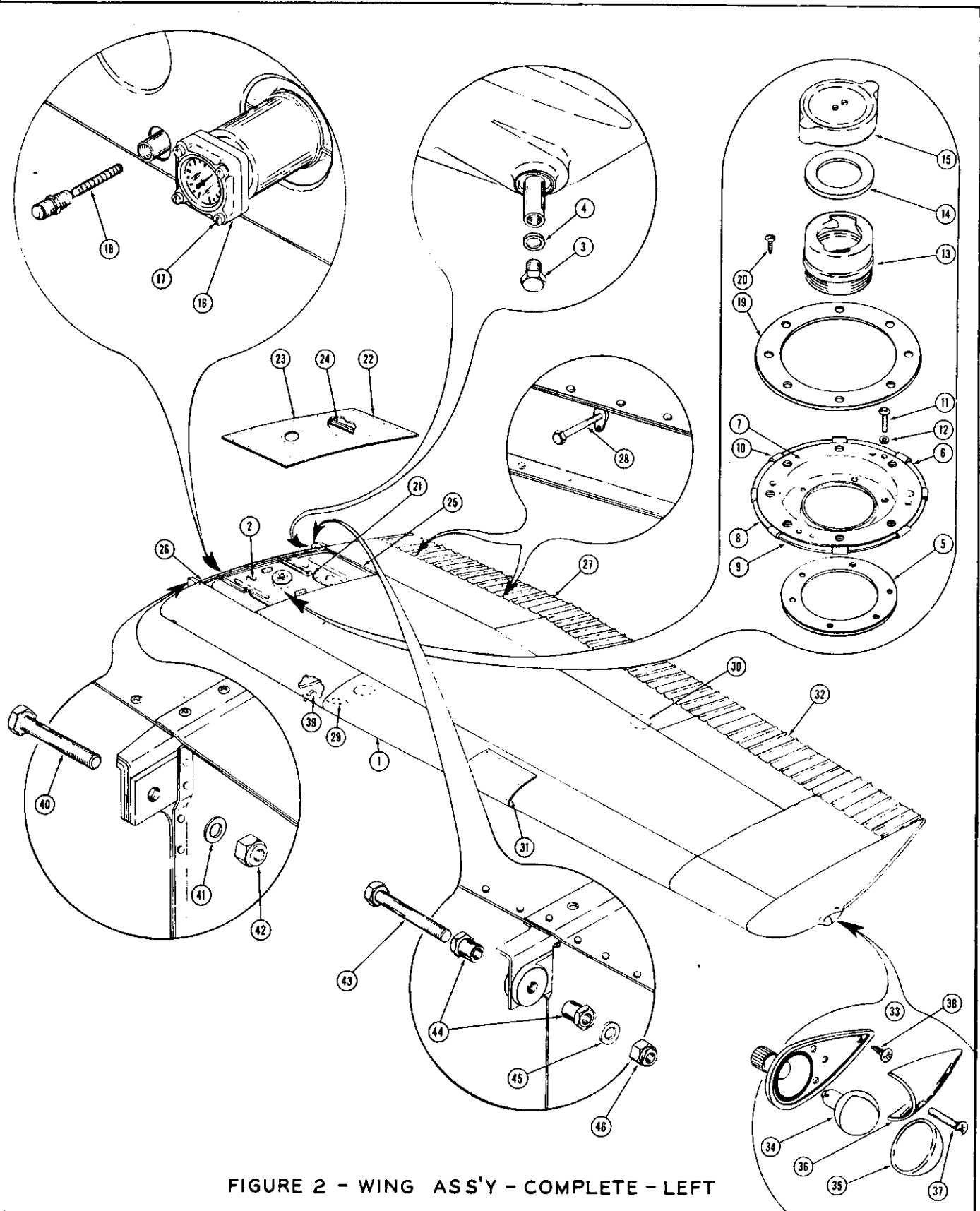


FIGURE 2 - WING ASS'Y - COMPLETE - LEFT

ILLUSTRATED PARTS CATALOG

FIGURE 2

WING ASSEMBLY - COMPLETE - LEFT

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	0426000	Wing Assembly - Complete - Left						1
2-1	See Figure 3	Structure Assembly - Left Wing						1
2-2	0426508	Fuel Tank Assembly - Left						1
2-3	AN814-4D	Plug - Drain						1
2-4	AN902-4	Gasket - Drain						1
2-5	0523532	Gasket - Adapter						2
2-6	0523520-8	Adapter Assembly - Filler Neck						1
2-7	0523529	Adapter - Filler Neck						1
2-8	0523530	Retainer Assembly - Fuel Tank Cover						2
2-9	0523530-2	Strip - Retainer						2
2-10	NAS395-17-3	Nut - (Tinnerman A1348-8Z-3)						8
2-11	AN520-10R10	Screw - (Attach Adapter Assembly To Fuel Tank)						6
2-12	0311001-27	Washer - (Attach Adapter Assembly To Fuel Tank)						6
2-13	0311240-17	Neck - Fuel Tank						1
2-14	0311360-4	Cap Assembly - Fuel Tank						1
2-15	0311360-5	Gasket - Fuel Cap						1
2-16	0422006	Gage - Fuel						1
2-17	AN502-416-10	Screw - (Attach Gage)						4
	1114-5	Washer - Shakedown - (Attach Gage)						4
2-18	0422130	Strainer - Fuel						1
2-19	0523531	Seal - Adapter						AR
2-20	PK76XZ-8-10	Screw						8
2-21	AN526-1032R36	Screw - (Attach Tank Straps)						2
	AN365-1032	Nut - (Attach Tank Straps)						2
2-22	0426511	Cover Assembly - Fuel Tank - Left						1
2-23	0426511-2	Skin - Tank Cover						1
2-24	0426510	Hat Section						3
2-25	NAS228-8	Screw - (Attach Tank Cover)						39
2-26	NAS228-12	Screw - (Attach Tank Cover)						3
2-27	See Figure 6	Flap Installation - Left						1
2-28	0523214	Bolt - Flap Stop						2
2-29	0311516	Plate - Inspection						2
	PK76XZ-8-8	Screw - (Attach Inspection Plate)						6
2-30	0322128	Plate - Inspection						1
	NAS395-12-3	Nut - (Tinnerman A1786-8Z-3)						4
	PK76XZ-8-6	Screw - (Attach Inspection Plate)						4
2-31	0523115-2	Cover - Landing Light Gap						1
	PK76XZ-8-6	Screw - (Attach Cover)						18
2-32	See Figure 5	Aileron Installation - Left						1
2-33	0423006-1	Light Assembly - Wing Position - Left						1
2-34	0423006-6	Bulb - Wing Position Light - 12 Volt						1
2-35	0423006-2	Lens - Wing Position Light - Red						1
2-36	0423006-5	Fairing - Wing Position Light						1
2-37	PK148-632-10	Screw - (Attach Fairing To Lamp Base)						1
2-38	PK76XZ-6-6	Screw - (Attach Light Assembly To Wing Tip)						3
2-39	0511062-4	Wing Unit - Stall Warning Indicator						1
	PK76XZ-8-6	Screw - (Attach Wing Unit)						4
	NAS395-17-3	Nut - (Tinnerman A1348-8Z-3)						4
2-40	AN8-23A	Bolt - (Attach Front Spar To Fuselage)						1
2-41	AN960-816	Washer - (Attach Front Spar To Fuselage)						1
2-42	AN365-820	Nut - (Attach Front Spar To Fuselage)						1
2-43	AN7-24A	Bolt - (Attach Rear Spar To Fuselage)						1
2-44	0512123	Bushings - (Attach Rear Spar To Fuselage)						2
2-45	AN960-716	Washer - (Attach Rear Spar To Fuselage)						1
2-46	AN365-720	Nut - (Attach Rear Spar To Fuselage)						1

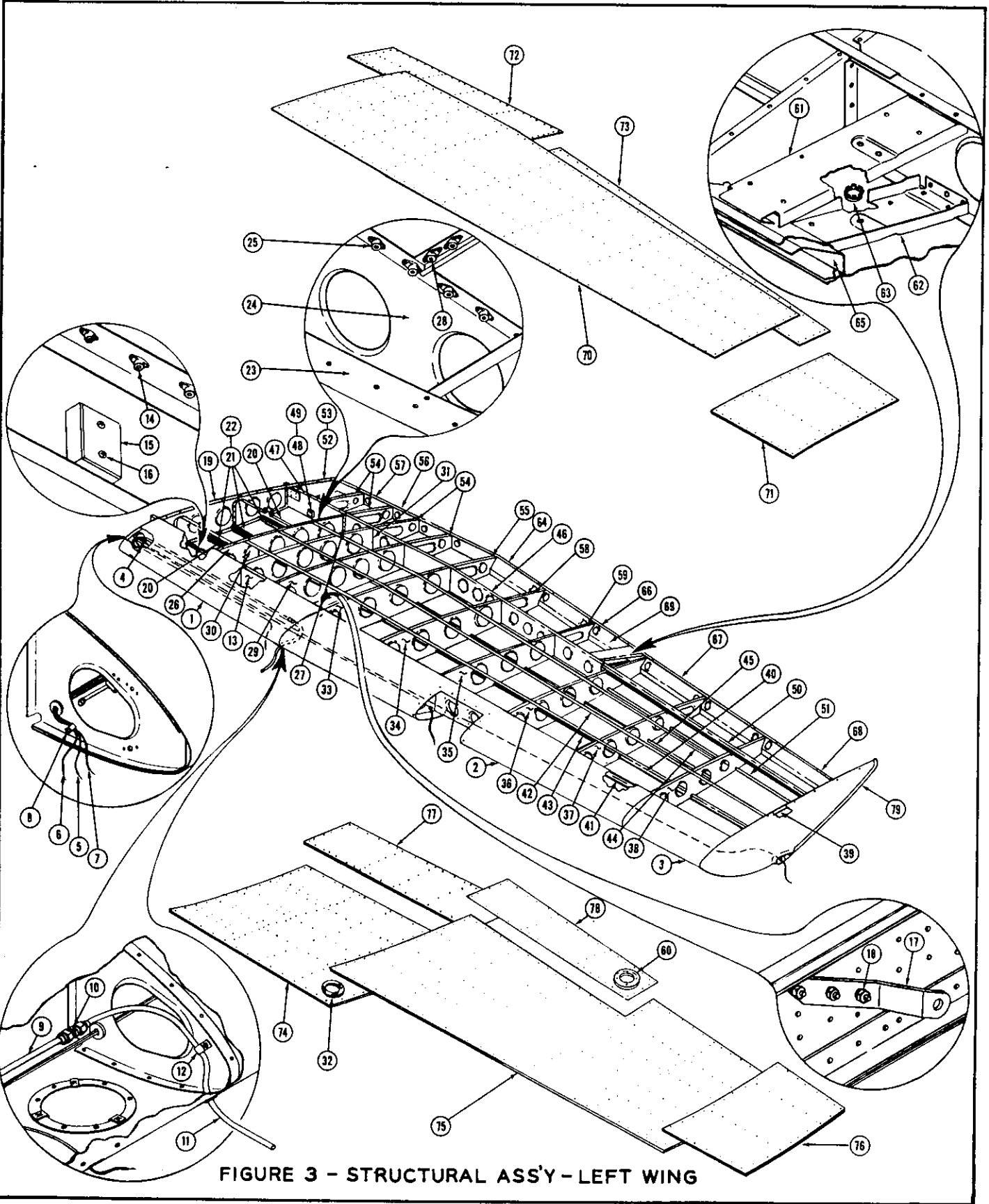


FIGURE 3 - STRUCTURAL ASS'Y - LEFT WING

ILLUSTRATED PARTS CATALOG

FIGURE 3

STRUCTURE ASSEMBLY - LEFT WING

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	0426002	Structure Assembly - Left Wing						1
3-1	See Figure 4	Leading Edge Assembly - Left Inboard (Station 22.125 To 84)						1
3-2	See Figure 4	Leading Edge Assembly - Left Center (Station 84 To 174)						1
3-3	See Figure 4	Leading Edge Assembly - Left Outboard (Station 174 To 192)						1
3-4	AN526-632R8	Screw - (Attach Pitot Tube)						1
	AN365-632	Nut - (Attach Pitot Tube)						1
	AN742-D4	Clamp - (Tinnerman A2980A-4)						1
3-5	0400007-80	Wire - Landing Light						1
3-6	0400007-87	Wire - Stall Warning Indicator						1
3-7	0400007-38	Wire - Navigation light						1
3-8	AN742-D3	Clamp - (Tinnerman A2980A-3)						1
	PK76XZ-8-6	Screw						1
	NAS446-4	Nut - (Tinnerman A1778-8Z-3)						1
3-9	0400106-89	Tube - Pitot (Station 22.125 To 84)						1
3-10	AN815-4D	Fitting						1
3-11	0500106-53	Tube - Pitot						1
3-12	AN526-632R8	Screw - (Attach Pitot Tube)						2
	AN365-632	Nut - (Attach Pitot Tube)						2
	AN742-D4	Clamp - (Tinnerman A2980A-4)						2
3-13	0426300	Spar Assembly - Front - Left						1
3-14	AN366-F832	Nutplate - Anchor						10
3-15	0523524	Spacer						1
3-16	#10 - 5/8" Long	Screw - Truss Head						2
3-17	0523306	Fitting						1
3-18	AN5-7A	Bolt						3
	AN960-516	Washer						3
	AN264-524	Nut						3
3-19	0426507	Rib - Wing Root Center Bay (Station 22.125)						1
	AN366F832	Nutplate - Anchor						7
	NAS444-14	Nutplate - (Tinnerman A6162-8Z-3) - Anchor						5
	NAS445-14	Nutplate - (Tinnerman A6163-8Z-3) - Anchor						1
3-20	0426512	Strap - Fuel Tank						4
3-21	0426506	Hat Section						4
3-22	0426002-47	Pad - Hat Section						4
3-23	0523003-48	Doublers						1
3-24	0523508	Rib Assembly - Fuel Tank Bay (Station 44.125)						1
3-25	AN366-F832	Nutplate - Anchor						11
3-26	0523517-2	Spacer						1
3-27	0523517-1	Spacer						1
3-28	AN366-F832	Nutplate						6
3-29	0523509	Rib - Center Bay (Station 56.875 & 69.625)						2
3-30	0523517-4	Spacer						1
3-31	0523517-3	Spacer						1
3-32	0511000-20	Doublers - Inspection Opening						1
	NAS395-14-3	Nut - (Tinnerman A1274-8Z-3)						3
3-33	0523510	Rib - Center Bay (Station 84)						1
3-34	0523511-3	Rib - Center Bay (Station 102)						1
3-35	0523512-3	Rib - Center Bay (Station 120)						1
3-36	0523513-3	Rib - (Station 138)						1
3-37	0523514-3	Rib - (Station 156)						1
3-38	0523515-3	Rib - (Station 174)						1
3-39	0523516-5	Rib - (Station 192)						1
	NAS444-4	Nutplate - (Tinnerman A6191-8Z-3) - Anchor						10
3-40	0426002-34	Stringer - Upper						1
3-41	0426002-35	Stringer - Lower						1
3-42	0426002-36	Stringer - Upper						1
3-43	0426002-37	Stringer - Lower						1
3-44	0426002-38	Stringer - Upper						1
3-45	0426002-39	Stringer - Lower						1
3-46	0426400	Spar Assembly - Rear - Left						1
	0426400-50	Segment Assembly - Rear Spar Inboard - Left (Station 22.125 To 84)						1
3-47	AN366-F832	Nutplate - Anchor						8
3-48	0523524	Spacer						1
3-49	#10 - 5/8" Long	Screw - Truss Head						2
	0523406	Segment - Rear Spar Outboard - Left						1
3-50	0523003-40	Stringer - Upper						1
3-51	0523003-40	Stringer - Lower						1
3-52	0426206	Rib - Trailing Edge Root (Station 22.125)						1
3-53	AN366F832	Nutplate - Anchor						6
3-54	0523209-1	Rib - Trailing Edge (Station 33.125, 44.125, 56.875, & 69.625)						4
3-55	0523211	Rib - Trailing Edge (Station 84)						1
3-56	0426207	Spar - Inboard Auxiliary - Left						1
3-57	AN366F1032	Nutplate - Anchor						2
3-58	0523511-4	Rib - Trailing Edge (Station 102)						1
3-59	0523512-4	Rib - Trailing Edge (Station 120)						1

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE



ILLUSTRATED PARTS CATALOG

FIGURE 3 STRUCTURE ASSEMBLY - LEFT WING (CONTINUED)

FIGURE AND REF NO	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
3-60	0322127							1
3-61	0523219-2							1
3-62	0523219-4							1
3-63	NAS451-56							1
3-64	0523813-1							1
3-65	0523215							1
	0523216							2
3-66	0523813-4							1
3-67	0523813-2							1
3-68	0523813-3							1
3-69	0523200-50							1
3-70	0426002-16							1
3-71	0523003-18							1
3-72	0426002-26							1
3-73	0523003-32							1
3-74	0426002-22							1
3-75	0523003-24							1
3-76	0523003-20							1
3-77	0426002-28							1
3-78	0523003-30							1
3-79	0523700							1
	NAS445-2							3
	0426513							1

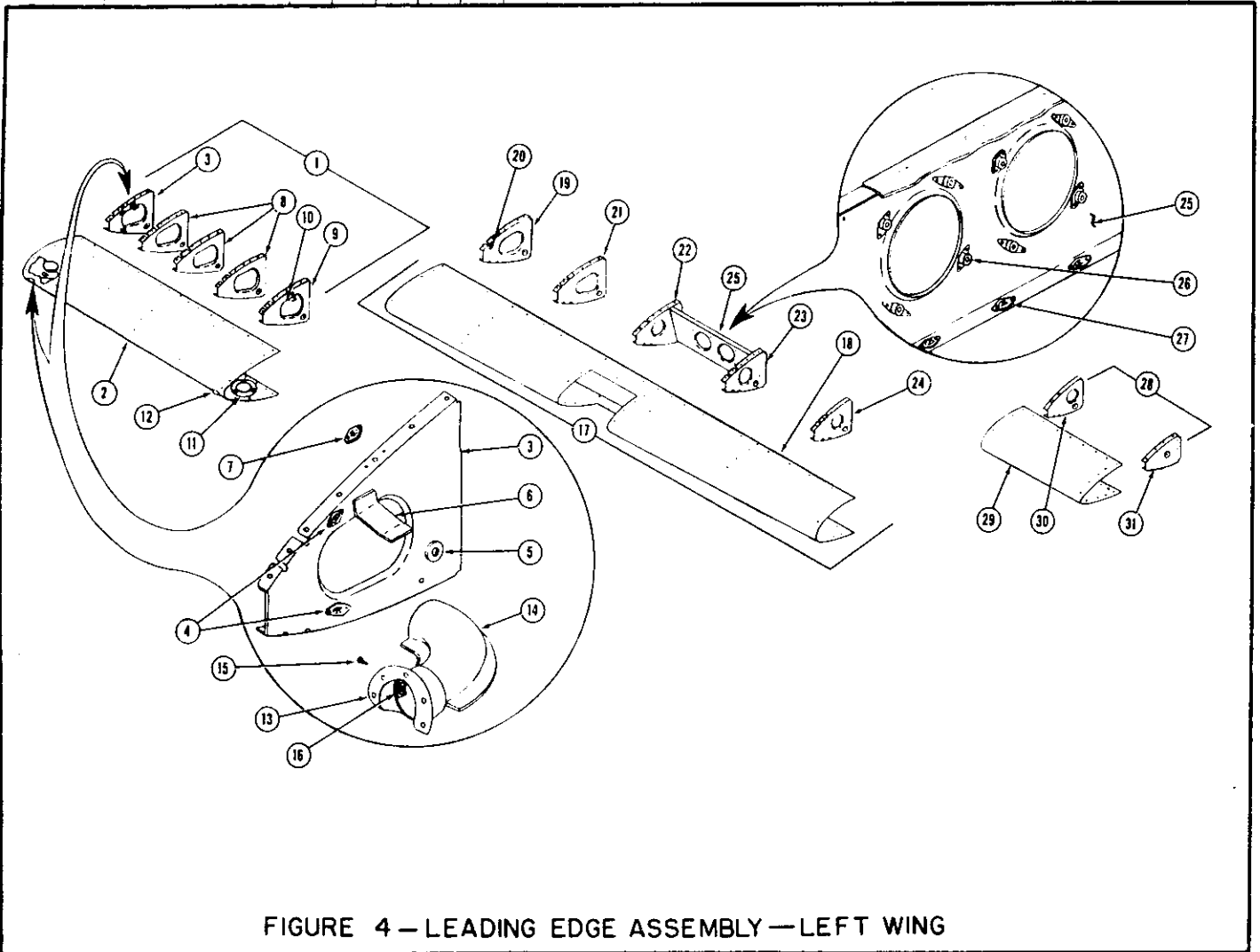


FIGURE 4 - LEADING EDGE ASSEMBLY - LEFT WING

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

FIGURE 4

LEADING EDGE ASSEMBLY - LEFT WING

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQD ON MODEL
		1	2	3	4	5	6	
4-1	0426002-60	Leading Edge Assembly - Left Inboard						1
4-2	0426002-14	Skin - Leading Edge (Station 22.125 To 84) - Left Inboard						1
4-3	0523107-2	Rib Assembly - Nose						1
4-4	NAS444-5	Nutplate - (Tinnerman A6195-8Z-3)						2
4-5	AN230-A2	Grommet						1
4-6	0422291	Bracket						1
4-7	NAS444-5	Nutplate - (Tinnerman A6195-8Z-3)						2
4-8	0523108	Rib Assembly - Nose						3
	AN230-A2	Grommet						1
4-9	0523108-3	Rib Assembly - Nose						1
	AN230-A2	Grommet						1
4-10	0422292	Bracket						1
4-11	0511000-20	Doubler - Inspection Opening						1
	NAS395-14-3	Nut - (Tinnerman A1274-8Z-3)						3
4-12	AN931-4-7	Grommet						1
4-13	0413157	Scoop - Cabin Vent						1
4-14	0413233	Elbow - Cabin Vent						1
4-15	PK76X2-8-8	Screw - (Attach Scoop To Elbow)						1
4-16	NAS446-4	Nut - (Tinnerman A1778-8Z-3)						1
4-17	0523002-55	Leading Edge Assembly - Left Center						1
4-18	0523003-10	Skin - Leading Edge (Station 84 To 174) - Left Center						1
4-19	0523109	Rib Assembly - Nose (Station 84)						1
	AN230-A2	Grommet						1
4-20	NAS444-1	Nutplate - (Tinnerman A6191-6Z-3)						1
4-21	0523511-5	Rib Assembly - Nose (Station 102)						1
	AN230-A2	Grommet						1
4-22	0523512-5	Rib Assembly - Nose (Station 120)						1
	AN230-A2	Grommet						1
4-23	0523513-4	Rib Assembly - Nose (Station 138)						1
	AN230-A2	Grommet						1
4-24	0523514-4	Rib Assembly - Nose (Station 156)						1
	AN230-A2	Grommet						1
4-25	0523106	Bracket Assembly						1
4-26	AN366-F832	Nutplate - Anchor						8
4-27	NAS444-5	Nutplate - Anchor						18
4-28	0523002-52	Leading Edge Assembly - Left Outboard						1
4-29	0523003-12	Skin - Leading Edge (Station 174 To 192) - Left Outboard						1
4-30	0523515-4	Rib Assembly - Nose (Station 174)						1
	AN230-A2	Grommet						1
4-31	0523516-4	Rib Assembly						1
	AN230-A2	Grommet						1

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

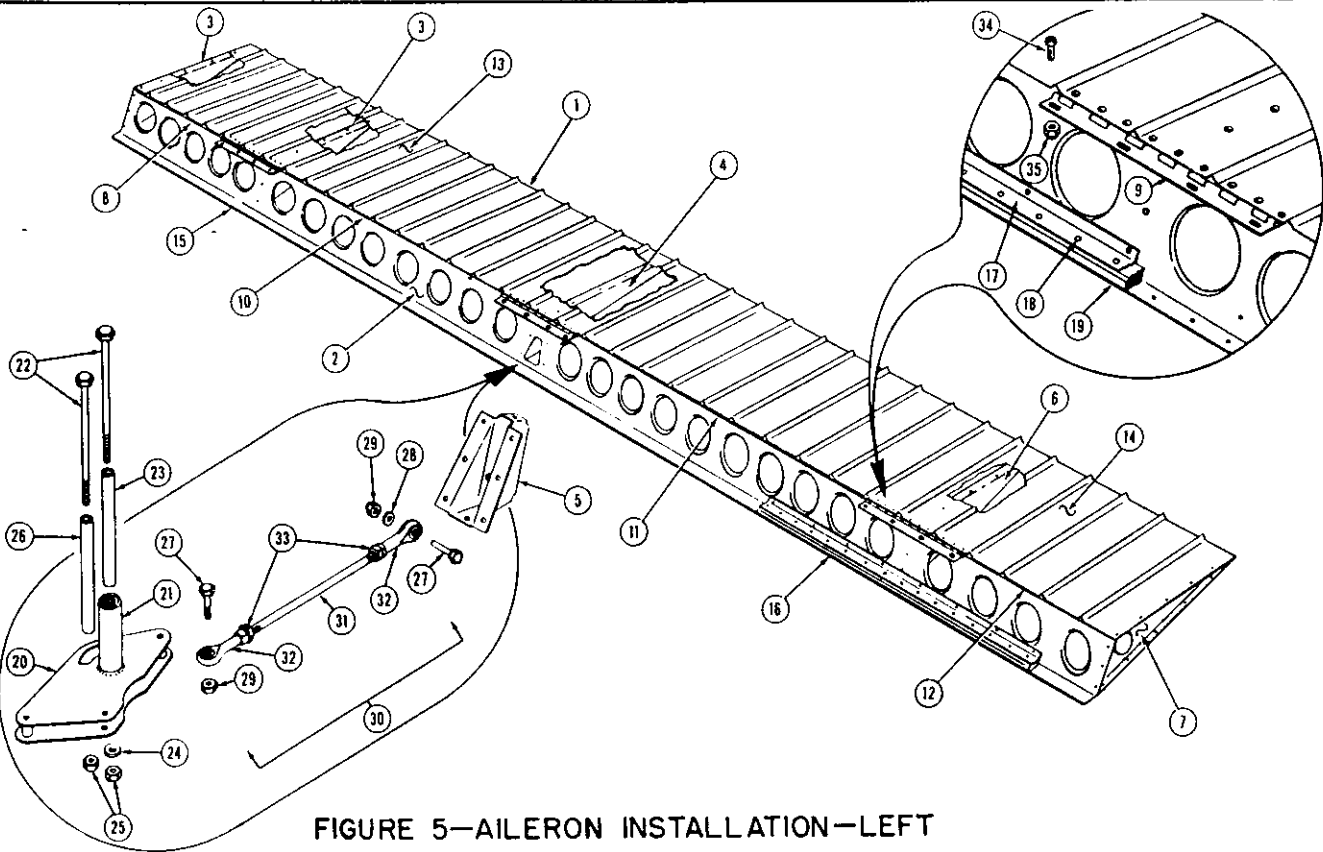


FIGURE 5—AILERON INSTALLATION—LEFT

FIGURE AND REF NO	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
5-1	0523800	Aileron Assembly - Left						1
5-2	0523806	Spar - Aileron - Left						1
5-3	0523808	Rib - Aileron #1						2
5-4	0523809	Rib - Aileron #2						1
5-5	0523812	Bracket - Control Mounting						1
5-6	0523810	Rib - Aileron #3						1
5-7	0523811	Rib - Aileron #4						1
5-8	0523813-1	Spacer						1
5-9	0523807	Hinge - Aileron						3
5-10	0523813-4	Spacer						1
5-11	0523813-2	Spacer						1
5-12	0523813-3	Spacer						1
5-13	0523800-6	Skin - Upper Inboard - Left Aileron						1
5-14	0523800-8	Skin - Upper Outboard - Left Aileron						1
5-15	0523800-10	Skin - Lower Inboard - Left Aileron						1
5-16	0523800-12	Skin - Lower Outboard - Left Aileron						1
5-17	0523814	Bracket - Aileron Weight Attaching						1
5-18	AN470B4-10	Rivet						16
5-19	0523815	Weight - Aileron						1
5-20	0523223	Bellcrank Assembly - Left Aileron						1
5-21	B-610X	Bearing - Torrington						2
5-22	AN4-42A	Bolt						2
5-23	0523221	Bushing - Aileron Bellcrank						1
5-24	0522629	Washer - Aileron Bellcrank Pivot						1
5-25	AN365-428	Nut						2
5-26	0523222	Bushing - Bellcrank Stop Bolt						1
5-27	AN3-7A	Bolt						2
5-28	AN960-10	Washer						1
5-29	AN365-1032	Nut						2
5-30	0523218	Rod Assembly - Aileron Push-Pull						1
5-31	0523218-2	Rod - Aileron Push-Pull						1
5-32	NAS36	Rod End						2
5-33	AN316-4R	Nut - Check						2
5-34	NAS229-8	Screw - (Attach Aileron To Wing)						12
5-35	AN365-1032	Nut - (Attach Aileron To Wing)						12

ILLUSTRATED PARTS CATALOG

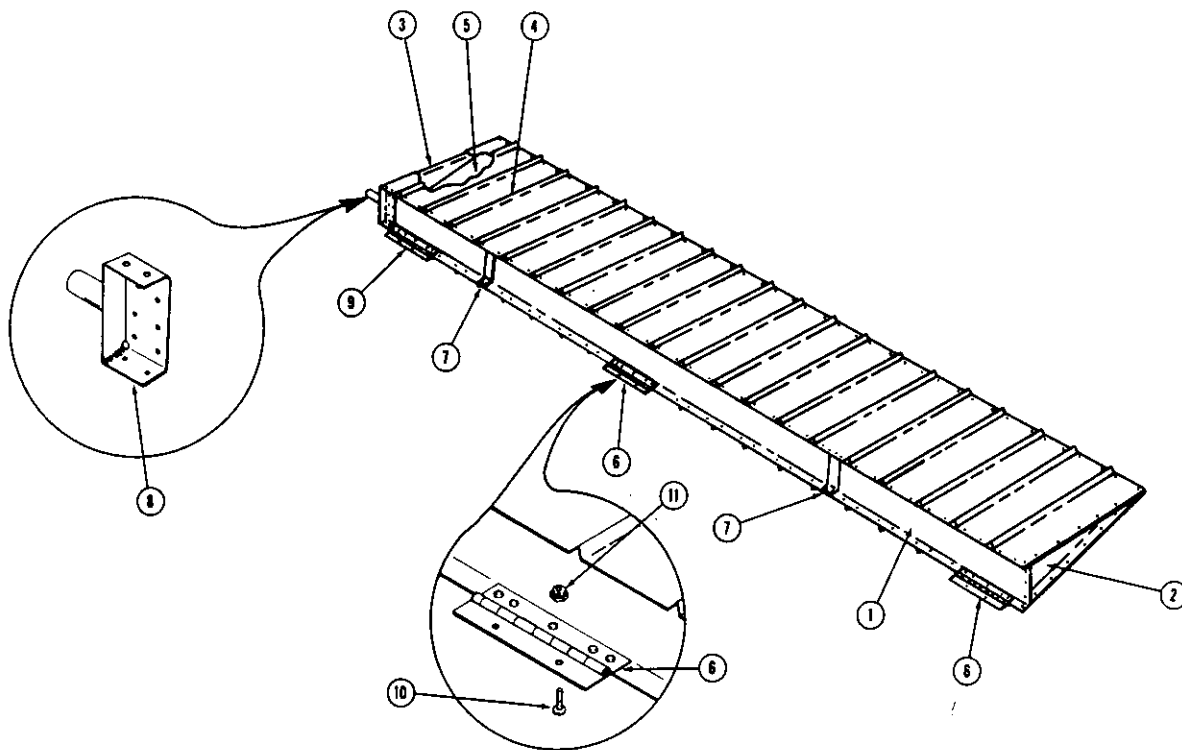


FIGURE 6- FLAP INSTALLATION-LEFT

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
6-1	0426900	Flap Assembly - Left						1
6-1	0426906	Spar - Flap - Left						1
6-2	0523907-2	Rib - Flap Outboard - Left						1
6-3	0523907-3	Rib - Flap Inboard - Left						1
6-4	0426900-2	Skin - Flap Upper - Left						1
6-5	0426900-4	Skin - Flap Lower - Left						1
6-6	0425113	Hinge - Center & Outboard						2
6-7	0523909	Doubler - Leading Edge						2
6-8	0426907	Bracket - Flap Control						1
6-9	0525107	Hinge - Inboard						1
6-10	NAS229-8	Screw - (Attach Flap To Wing)						8
6-11	AN265-1032	Nut - (Attach Flap To Wing)						8

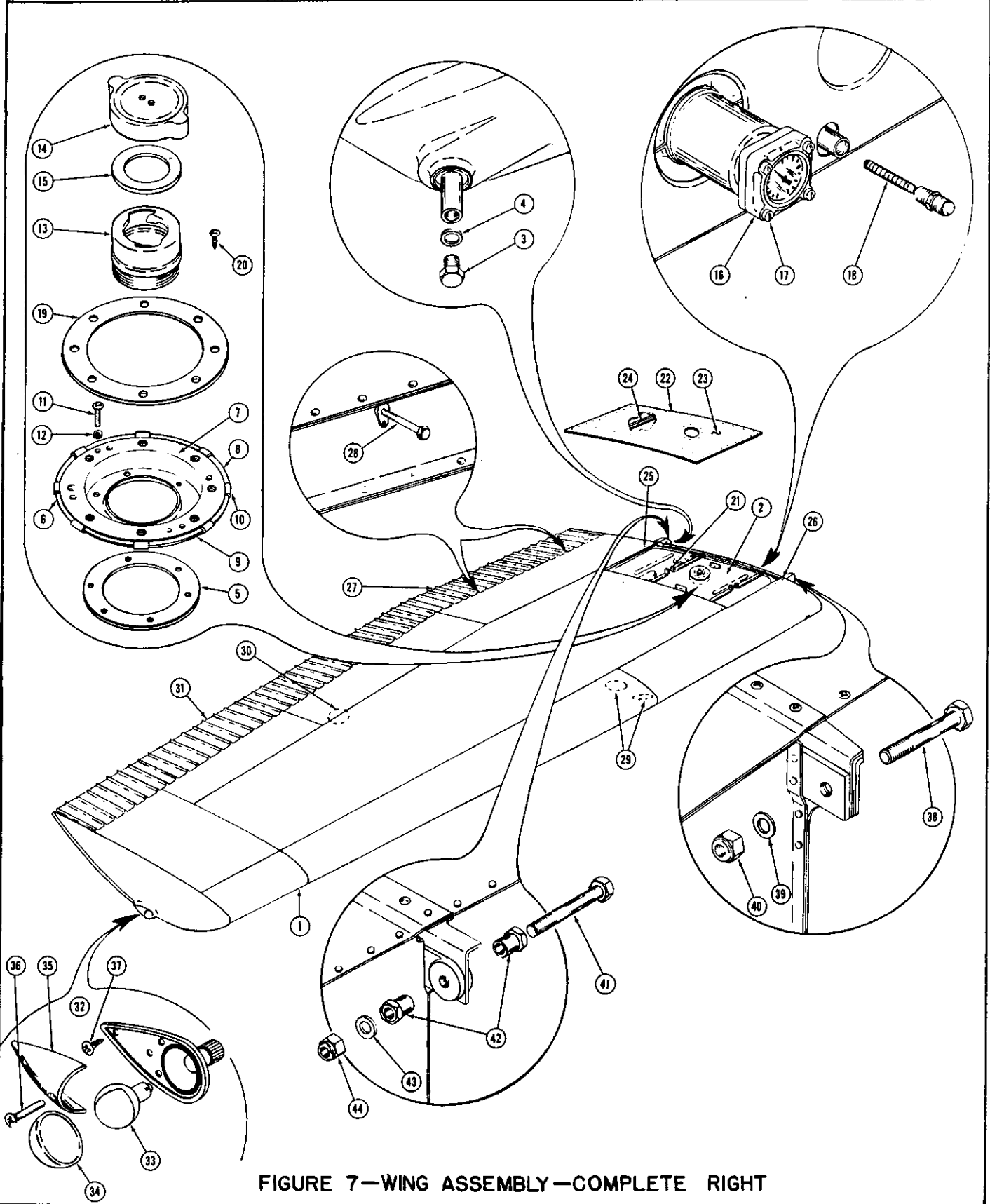


FIGURE 7—WING ASSEMBLY—COMPLETE RIGHT



ILLUSTRATED PARTS CATALOG

FIGURE 7

WING ASSEMBLY - COMPLETE - RIGHT

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	0426000-1	Wing Assembly - Complete - Right						1
7-1	See Figure 8	Structure Assembly - Right Wing						1
7-2	0426508-1	Fuel Tank Assembly - Right						1
7-3	AN814-4D	Plug - Drain						1
7-4	AN902-4	Gasket - Drain						1
7-5	0523532	Gasket - Adapter						2
7-6	0523520-8	Adapter Assembly - Filler Neck						1
7-7	0523529	Adapter - Filler Neck						1
7-8	0523530	Retainer Assembly - Fuel Tank Cover						2
7-9	0523530-2	Strip - Retainer						2
7-10	NAS395-17-3	Nut - (Tinnerman A1348-8Z-3)						8
7-11	AN515-10R10	Screw - (Attach Adapter Assembly To Fuel Tank)						6
7-12	0311001-27	Washer - (Attach Adapter Assembly To Fuel Tank)						6
7-13	0311240-17	Neck - Fuel Tank						1
7-14	0311360-4	Cap Assembly - Fuel Tank						1
7-15	0311360-5	Gasket - Fuel Cap						1
7-16	0422006	Gage - Fuel						1
7-17	AN502-416-10	Screw - (Attach Gage)						4
	1114-5	Washer - Shakeproof - (Attach Gage)						4
7-18	0422130	Strainer - Fuel						1
7-19	0523531	Seal - Adapter						AR
7-20	PK76XZ-8-10	Screw						8
7-21	AN526-1032R36	Screw - (Attach Tank Straps)						2
	AN365-1032	Nut - (Attach Tank Straps)						2
7-22	0426511-1	Cover Assembly - Fuel Tank - Right						1
7-23	0426511-3	Skin - Tank Cover						1
7-24	0426510	Hat Section						3
7-25	NAS228-8	Screw - (Attach Tank Cover)						39
7-26	NAS228-12	Screw - (Attach Tank Cover)						3
7-27	See Figure 11	Flap Installation - Right						1
7-28	0523214	Bolt - Flap Stop						2
7-29	0311516	Plate - Inspection						2
	PK76XZ-8-8	Screw - (Attach Inspection Plate)						6
7-30	0322128	Plate - Inspection						1
	NAS395-12-3	Nut - (Tinnerman A1786-8Z-3)						4
	PK76XZ-8-6	Screw - (Attach Inspection Plate)						4
7-31	See Figure 10	Aileron Installation - Right						1
7-32	0423006-3	Light Assembly - Wing Position - Right						1
7-33	0423006-6	Bulb - Wing Position Light - 12 Volt						1
7-34	0423006-4	Lens - Wing Position Light - Green						1
7-35	0423006-5	Fairing - Wing Position Light						1
7-36	PK148-632-10	Screw - (Attach Fairing To Lamp Base)						1
7-37	PK76XZ-6-6	Screw - (Attach Light Assembly To Wing Tip)						3
7-38	AN8-23A	Bolt - (Attach Front Spar To Fuselage)						1
7-39	AN960-816	Washer - (Attach Front Spar To Fuselage)						1
7-40	AN365-820	Nut - (Attach Front Spar To Fuselage)						1
7-41	AN7-24A	Bolt - (Attach Rear Spar To Fuselage)						1
7-42	0512123	Bushing - (Attach Rear Spar To Fuselage)						2
7-43	AN960-716	Washer - (Attach Rear Spar To Fuselage)						1
7-44	AN365-720	Nut - (Attach Rear Spar To Fuselage)						1

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

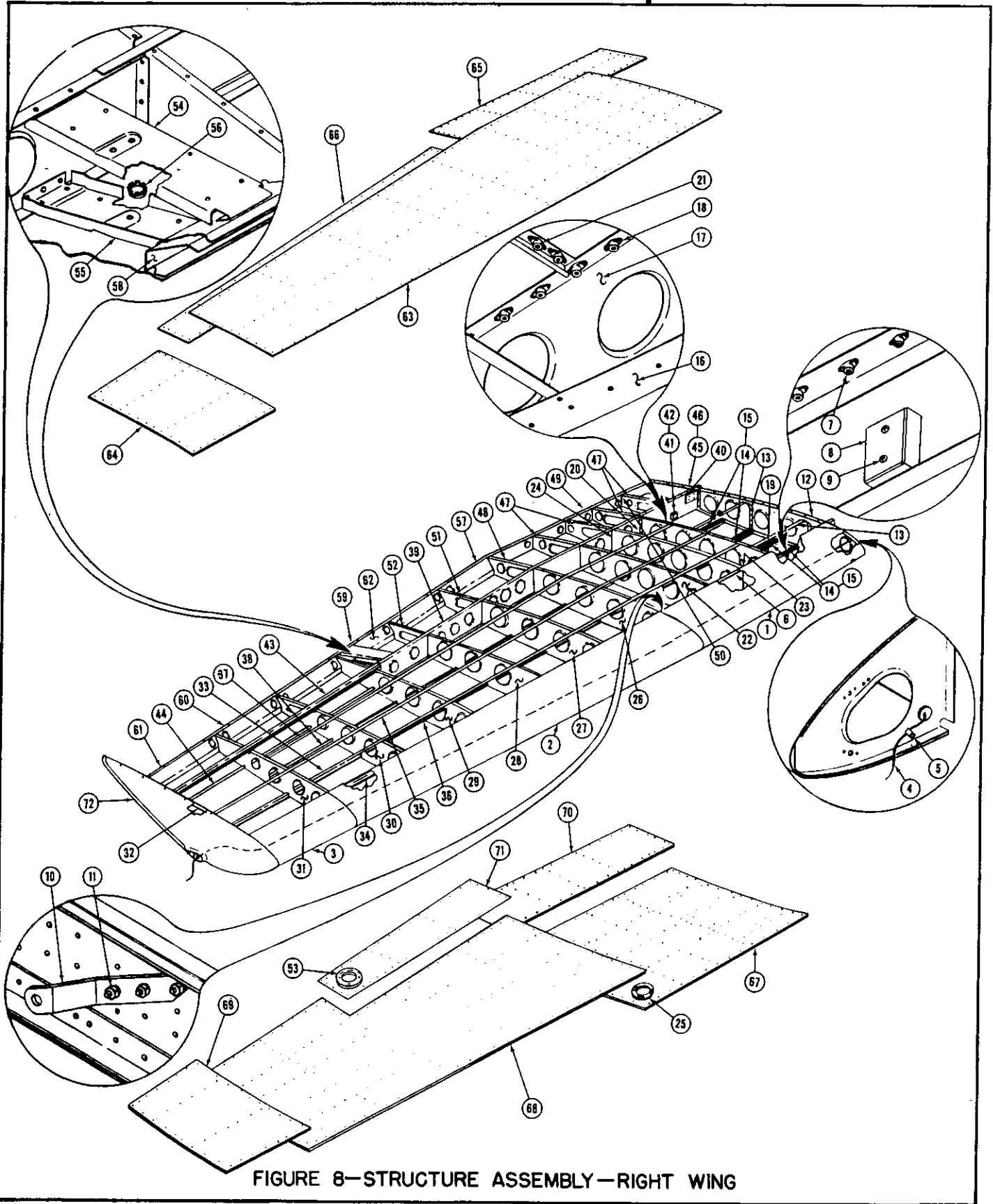


FIGURE 8—STRUCTURE ASSEMBLY—RIGHT WING

ILLUSTRATED PARTS CATALOG

FIGURE 8

STRUCTURE ASSEMBLY - RIGHT WING

FIGURE AND REF. NO.	PART NUMBER	PART NAME							UNITS REQ'D ON MODEL
			1	2	3	4	5	6	
	0426002-1	Structure Assembly - Right Wing							1
8-1	See Figure 9	Leading Edge Assembly - Right Inboard (Station 22.125 To 84)							1
8-2	See Figure 9	Leading Edge Assembly - Right Center (Station 84 To 174)							1
8-3	See Figure 9	Leading Edge Assembly - Right Outboard (Station 174 To 192)							1
8-4	0400007-37	Wire - Navigation Light							1
8-5	AN742-D2	Clamp - (Tinnerman A2980A-2)							1
	PK76XZ-8-6	Screw							1
	NAS446-4	Nut - (Tinnerman A1778-8Z-3)							1
8-6	0426300-1	Spar Assembly - Front - Right							1
8-7	AN366-F832	Nutplate - Anchor							10
8-8	0523524	Spacer							1
8-9	#10 - 5/8" Long	Screw - Truss Head							2
8-10	0523306	Fitting							1
8-11	AN5-7A	Bolt							3
	AN960-516	Washer							3
	AN364-524	Nut							3
8-12	0426507-1	Rib - Wing Root Center Bay (Station 22.125)							1
	AN366F832	Nutplate - Anchor							7
	NAS444-14	Nutplate - (Tinnerman A6162-8Z-3)							5
	NAS445-14	Nutplate - (Tinnerman A6163-8Z-3)							1
8-13	0426512	Strap - Fuel Tank							4
8-14	0426506	Hat Section							4
8-15	0426002-47	Pad - Hat Section							4
8-16	0523003-48	Doubler							1
8-17	0523508-1	Rib Assembly - Fuel Tank Bay							1
8-18	AN366-F832	Nutplate							11
8-19	0523517-2	Spacer							1
8-20	0523517-1	Spacer							1
8-21	AN366-F832	Nutplate							6
8-22	0523509	Rib - Center Bay (Station 56.875 & 69.625)							2
8-23	0523517-4	Spacer							1
8-24	0523517-3	Spacer							1
8-25	0511000-20	Doubler - Inspection Opening							1
	NAS395-14-3	Nut - (Tinnerman A1274-8Z-3)							3
8-26	0523510-1	Rib - Center Bay (Station 84)							1
8-27	0523511-3	Rib - Center Bay (Station 102)							1
8-28	0523512-3	Rib - Center Bay (Station 120)							1
8-29	0523513-3	Rib - (Station 138)							1
8-30	0523514-3	Rib - (Station 156)							1
8-31	0523515-3	Rib - (Station 174)							1
8-32	0523516-5	Rib - (Station 192)							1
	NAS444-4	Nutplate - (Tinnerman A6191-8Z-3)							10
8-33	0426002-41	Stringer - Upper							1
8-34	0426002-42	Stringer - Lower							1
8-35	0426002-43	Stringer - Upper							1
8-36	0426002-44	Stringer - Lower							1
8-37	0426002-45	Stringer - Upper							1
8-38	0426002-46	Stringer - Lower							1
8-39	0426400-1	Spar Assembly - Rear - Right							1
	0426400-51	Segment Assembly - Rear Spar Inboard - Right (Station 22.125 To 84)							1
8-40	AN366-F832	Nutplate							8
8-41	0523524	Spacer							1
8-42	#10 - 5/8" Long	Screw - Truss Head							2
	0523406-1	Segment - Rear Spar Outboard - Right							1
8-43	0523003-40	Stringer - Upper							1
8-44	0523003-40	Stringer - Lower							1
8-45	0426206-1	Rib - Trailing Edge Root (Station 22.125)							1
8-46	AN366-F832	Nutplate							6
8-47	0523209-1	Rib - Trailing Edge (Station 33.125, 44.125, 56.875, & 69.625)							4
8-48	0523211-1	Rib - Trailing Edge (Station 84)							1
8-49	0426207-1	Spar - Inboard Auxiliary - Right							1
8-50	AN366-F1032	Nutplate							2
8-51	0523511-4	Rib - Trailing Edge (Station 102)							1
8-52	0523512-4	Rib - Trailing Edge (Station 120)							1
8-53	0322127	Stiffener - Inspection Opening							1
8-54	0523219-3	Channel							1
8-55	0523219-5	Channel							1
8-56	NAS451-56	Plug Button - (United Carr 48155)							1
8-57	0523813-1	Filler							1
8-58	0523215-1	Reinforcement - (Station 138)							1
	0523216	Reinforcement - (Station 102 & 174)							2
8-59	0523813-4	Filler							1
8-60	0523813-2	Filler							1
8-61	0523813-3	Filler							1
8-62	0523206-1	Spar - Outboard Auxiliary - Right							1

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE



ILLUSTRATED PARTS CATALOG

FIGURE 8 STRUCTURE ASSEMBLY - RIGHT WING (CONTINUED)

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
8-63	0426002-17							1
8-64	0523003-19							1
8-65	0426002-27							1
8-66	0523003-33							1
8-67	0426002-23							1
8-68	0523003-25							1
8-69	0523003-21							1
8-70	0426002-29							1
8-71	0523003-31							1
8-72	0523700							1
	NAS445-2							3
	0426513							1

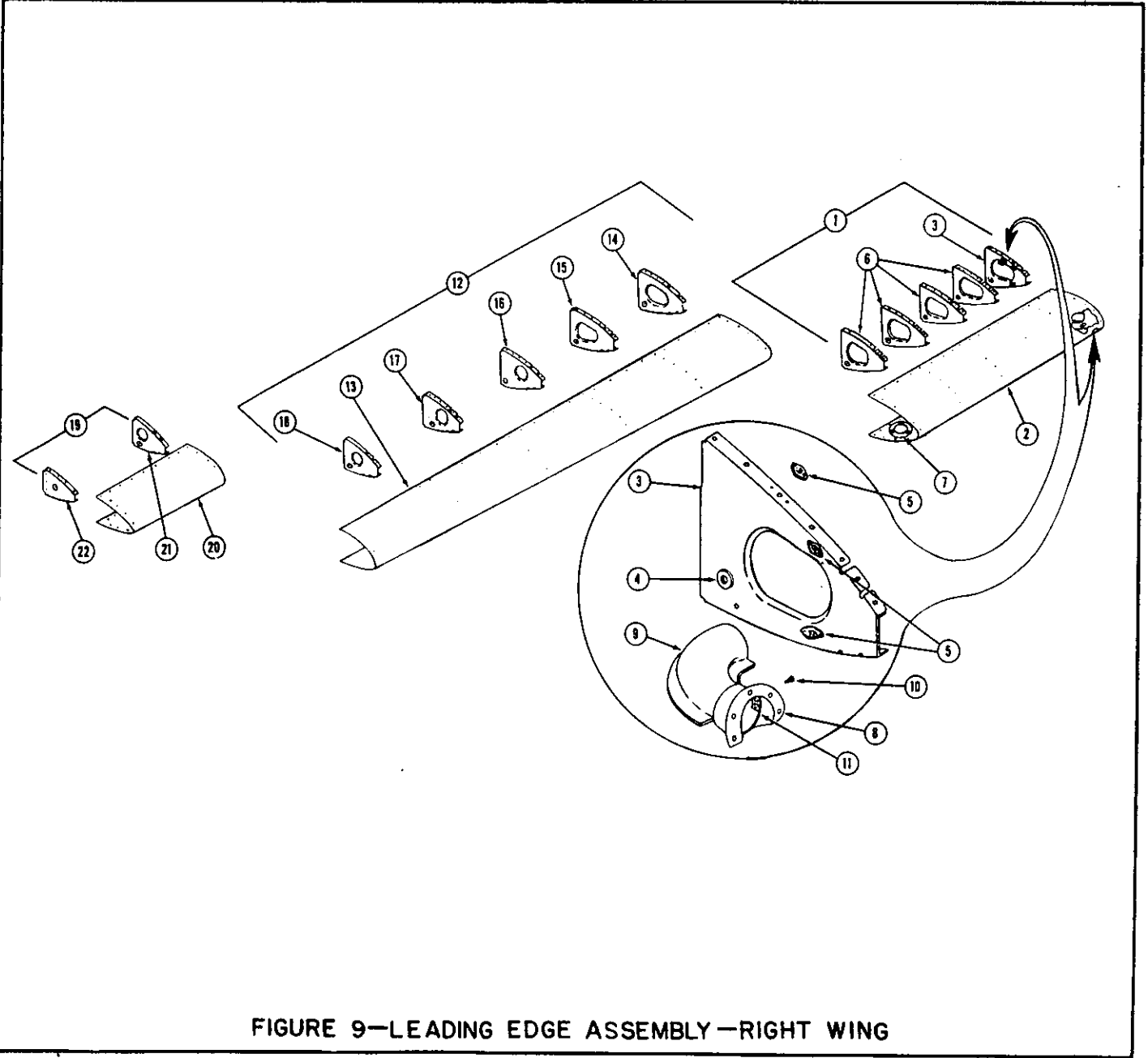


FIGURE 9—LEADING EDGE ASSEMBLY—RIGHT WING

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

FIGURE 9.

LEADING EDGE ASSEMBLY - RIGHT WING

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
9-1	0426002-61	Leading Edge Assembly - Right Inboard						1
9-2	0426002-15	Skin - Leading Edge (Station 22.125 To 84) - Right Inboard						1
9-3	0523107	Rib Assembly - Nose						1
9-4	AN230-A2	Grommet						1
9-5	NAS444-5	Nutplate - (Tinnerman A6195-8Z-3)						4
9-6	0523108	Rib Assembly						4
	AN230-A2	Grommet						1
9-7	0511000-20	Doublers - Inspection Opening						1
	NAS395-14-3	Nut - (Tinnerman A1274-8Z-3)						3
9-8	0413157	Scoop - Cabin Vent						1
9-9	0413233	Elbow - Cabin Vent						1
9-10	PK76XZ-8-8	Screw - (Attach Scoop To Elbow)						1
9-11	NAS446-4	Nut - (Tinnerman A1778-8Z-3)						1
9-12	0523002-57	Leading Edge Assembly - Right Center						1
9-13	0523003-11	Skin - Leading Edge (Station 84 To 174) - Right Center						1
9-14	0523109-1	Rib Assembly - Nose (Station 84)						1
	AN230-A2	Grommet						1
9-15	0523511-5	Rib Assembly - Nose (Station 102)						1
	AN230-A2	Grommet						1
9-16	0523512-5	Rib Assembly - Nose (Station 120)						1
	AN230-A2	Grommet						1
9-17	0523513-4	Rib Assembly - Nose (Station 138)						1
	AN230-A2	Grommet						1
9-18	0523514-4	Rib Assembly - Nose (Station 156)						1
	AN230-A2	Grommet						1
9-19	0523002-53	Leading Edge Assembly - Right Outboard						1
9-20	0523003-13	Skin - Leading Edge (Station 174 To 192) - Right Outboard						1
9-21	0523515-4	Rib Assembly - Nose (Station 174)						1
	AN230-A2	Grommet						1
9-22	0523516-4	Rib Assembly - Nose (Station 192)						1
	AN230-A2	Grommet						1

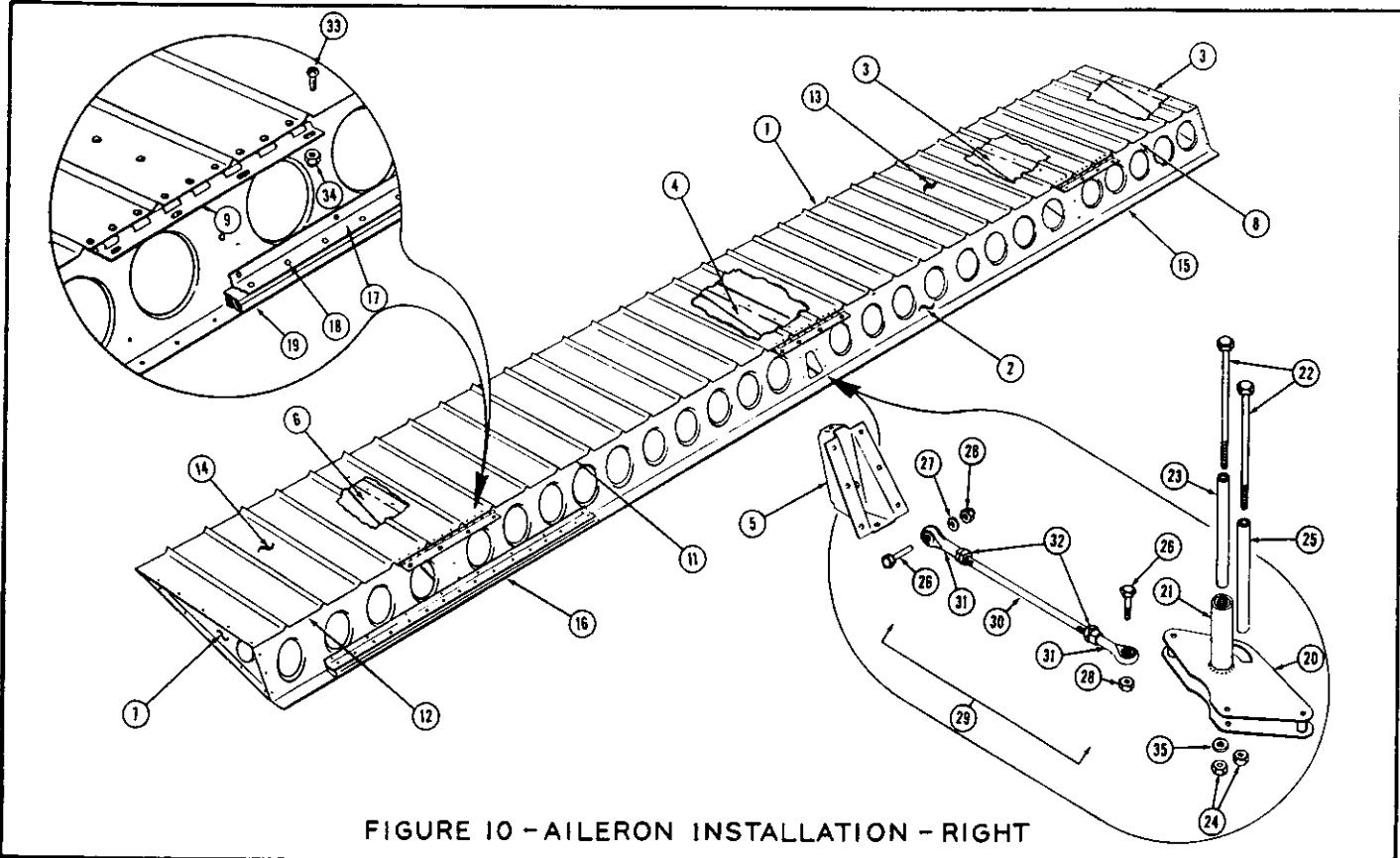


FIGURE 10 -AILERON INSTALLATION - RIGHT

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
10-1	0523800-1	Aileron Assembly - Right						1
10-2	0523806-1	Spar - Aileron - Right						1
10-3	0523808	Rib - Aileron #1						2
10-4	0523809-1	Rib - Aileron #2 - Right						1
10-5	0523812	Bracket - Control Mounting						1
10-6	0523810	Rib - Aileron #3						1
10-7	0523811	Rib - Aileron #4						1
10-8	0523813-1	Spacer						1
10-9	0523807	Hinge - Aileron						3
10-10	0523813-4	Spacer						1
10-11	0523813-2	Spacer						1
10-12	0523813-3	Spacer						1
10-13	0523800-7	Skin - Upper Inboard - Right Aileron						1
10-14	0523800-9	Skin - Upper Outboard - Right Aileron						1
10-15	0523800-11	Skin - Lower Inboard - Right Aileron						1
10-16	0523800-13	Skin - Lower Outboard - Right Aileron						1
10-17	0523814	Bracket - Aileron Weight Attaching						1
10-18	AN470B4-10	Rivet						16
10-19	0523815	Weight - Aileron						1
10-20	0523223-1	Bellcrank Assembly - Aileron Right						1
10-21	B-610X	Bearing - Torrington						2
10-22	AN4-42A	Bolt						2
10-23	0523221	Bushing - Aileron Bellcrank						1
10-24	AN365-428	Nut						2
10-25	0523222	Bushing - Bellcrank Stop Bolt						1
10-26	AN3-7A	Bolt						2
10-27	AN960-10	Washer						1
10-28	AN365-1032	Nut						2
10-29	0523218	Rod Assembly - Aileron Push-Pull						1
10-30	0523218-2	Rod - Aileron Push-Pull						1
10-31	NAS36	Rod End						2
10-32	AN316-4R	Nut - Check						2
10-33	NAS229-8	Screw - (Attach Aileron To Wing)						12
10-34	AN365-1032	Nut - (Attach Aileron To Wing)						12
10-35	0522629	Washer - Aileron Bellcrank Pivot						1

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

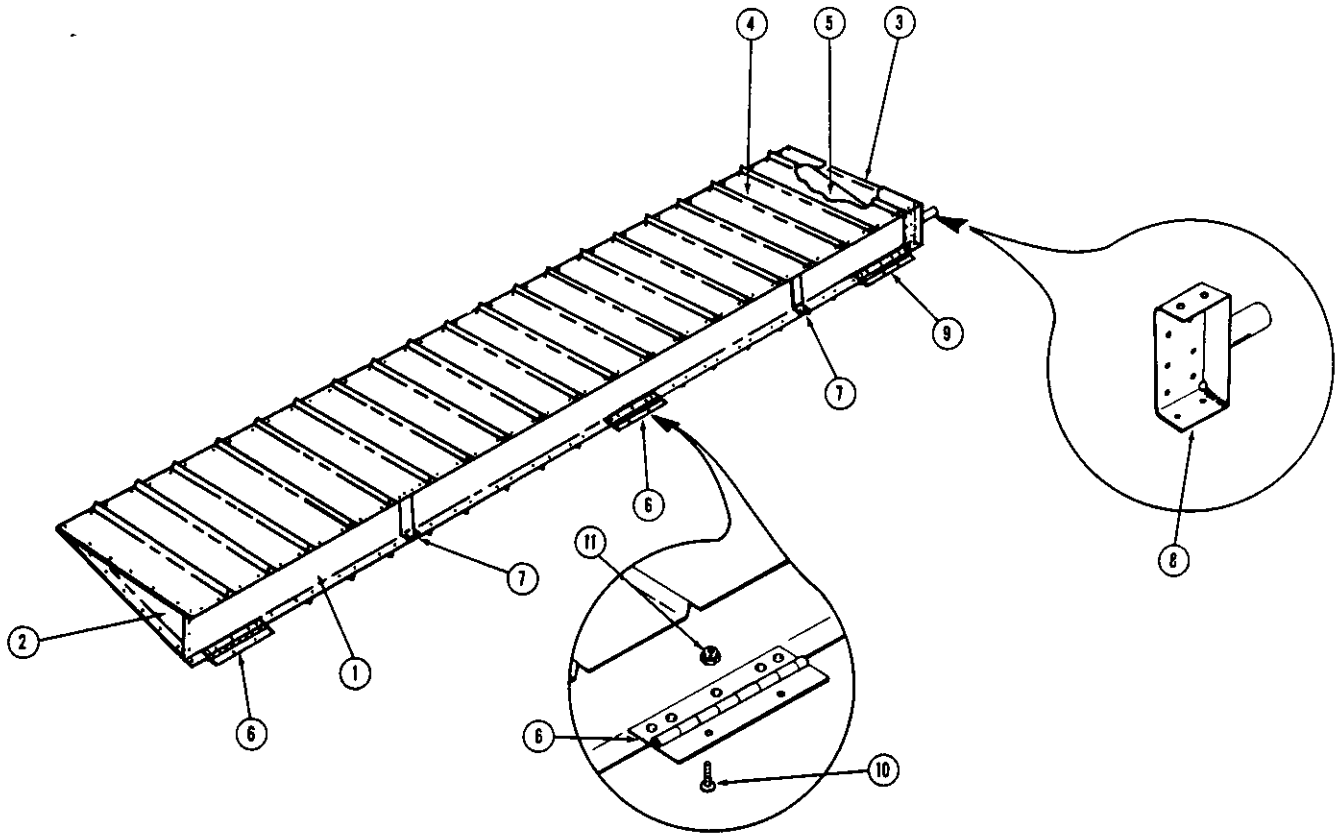


FIGURE 11-FLAP INSTALLATION-RIGHT

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	0426900-1	Flap Assembly - Right						1
11-1	0426906-1	Spar - Flap - Right						1
11-2	0523907-3	Rib - Flap Outboard - Right						1
11-3	0523907-2	Rib - Flap Inboard - Right						1
11-4	0426900-3	Skin - Flap Upper - Right						1
11-5	0426900-5	Skin - Flap Lower - Right						1
11-6	0425113	Hinge - Center & Outboard						2
11-7	0523909	Doublers - Leading Edge						2
11-8	0426907	Bracket - Flap Control						1
11-9	0525107	Hinge - Inboard						1
11-10	NAS229-8	Screw - (Attach Flap To Wing)						8
11-11	AN365-1032	Nut - (Attach Flap To Wing)						8

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

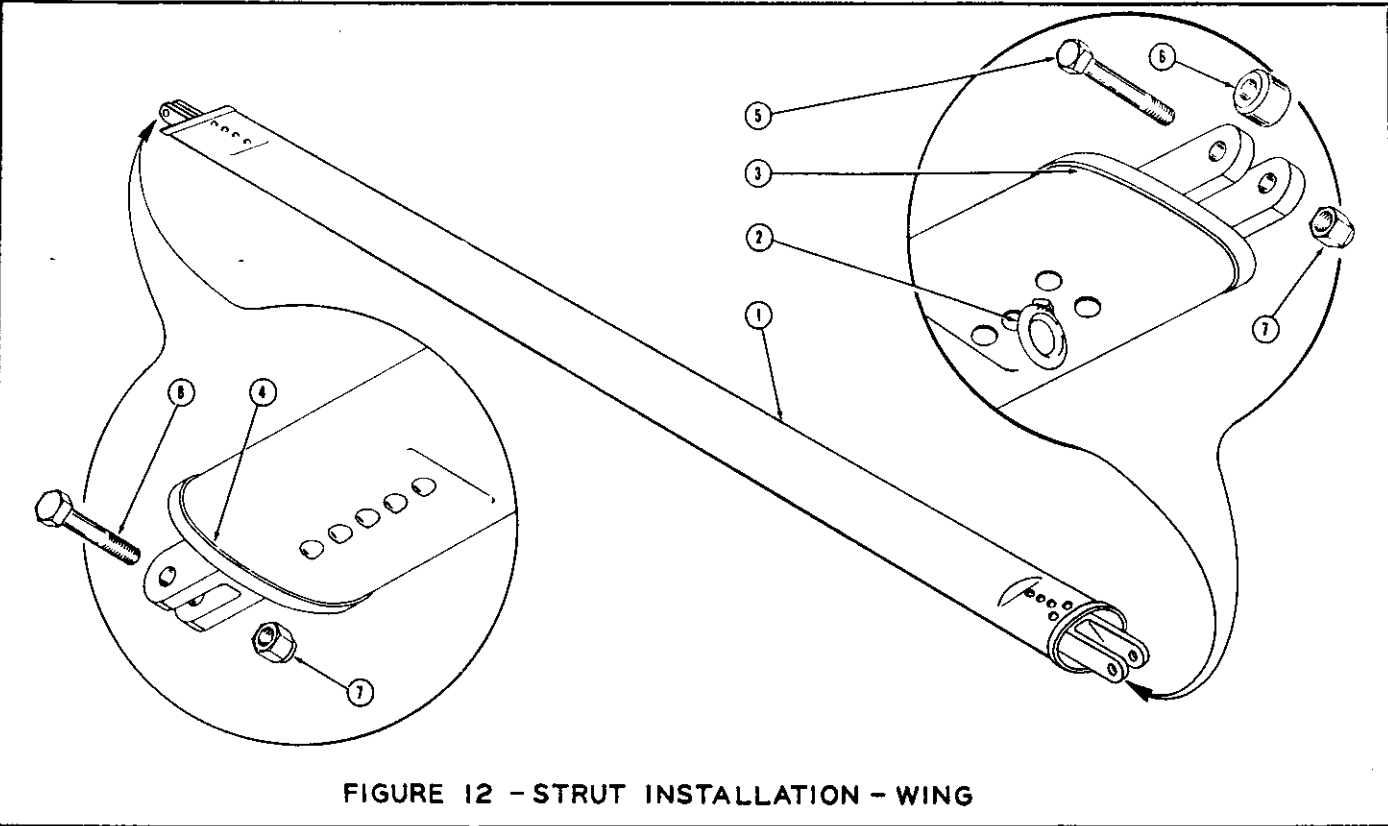


FIGURE 12 - STRUT INSTALLATION - WING

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
12-1	0426606	Strut Assembly - Wing - Left						1
	0426606-1	Strut Assembly - Wing - Right						1
12-2	0523609	Ring - Mooring						1
	AN960-516	Washer						1
	AN365-524	Nut						1
12-3	0426606-5	Seal - Upper (1205 Rubber Extrusion)						1
12-4	0426606-4	Seal - Lower (1205 Rubber Extrusion)						1
12-5	AN8-24A	Bolt - (Attach Strut To Wing)						1
12-6	0523307	Spacer						1
12-7	AN365-820	Nut						2
12-8	AN8-17A	Bolt - (Attach Strut To Fuselage)						1
	0431000	Fin Assembly						1
13-1	0431129-10	Spar Assembly - Fin Rear						1
13-2	0431130	Spar - Fin Rear						1
13-3	0431124	Channel - Fin Spar Reinforcement						1
13-4	0431120	Hinge Assembly - Fin Upper						1
13-5	0431119	Bushing - Hinge						1
13-6	A-325-1	Bearing - Oilite						1
13-7	0431131	Channel - Fin Spar Reinforcement						1
13-8	0431120-1	Hinge Assembly - Fin Lower						1
13-9	0431119	Bushing - Hinge						1
13-10	A-325-1	Bearing - Oilite						1
13-11	AN366F-1032	Nutplate - Anchor						2
13-12	0431141	Bolt - Elevator Bellcrank Stop						2
13-13	0431139	Tip Assembly - Fin						1
13-14	AN526-832R8	Screw - (Attach Tip Assembly)						2
	AN365-832	Nut - (Attach Tip Assembly)						2
13-15	0431132	Pin Assembly						1
13-16	0431138	Rib - Fin #4						1
13-17	0431137	Rib - Fin #3						1
13-18	0431136	Rib - Fin #2						1

ILLUSTRATED PARTS CATALOG

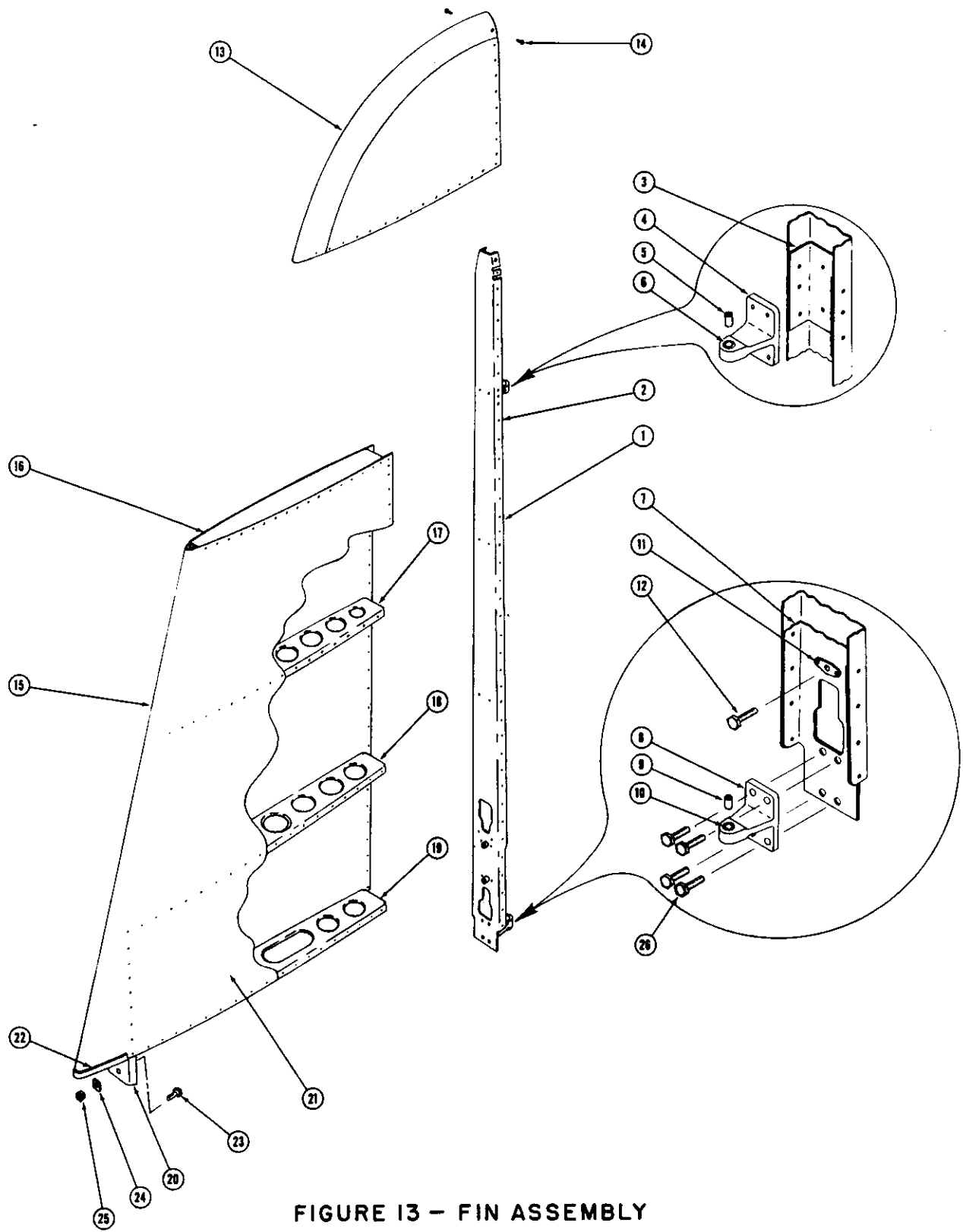


FIGURE 13 - FIN ASSEMBLY

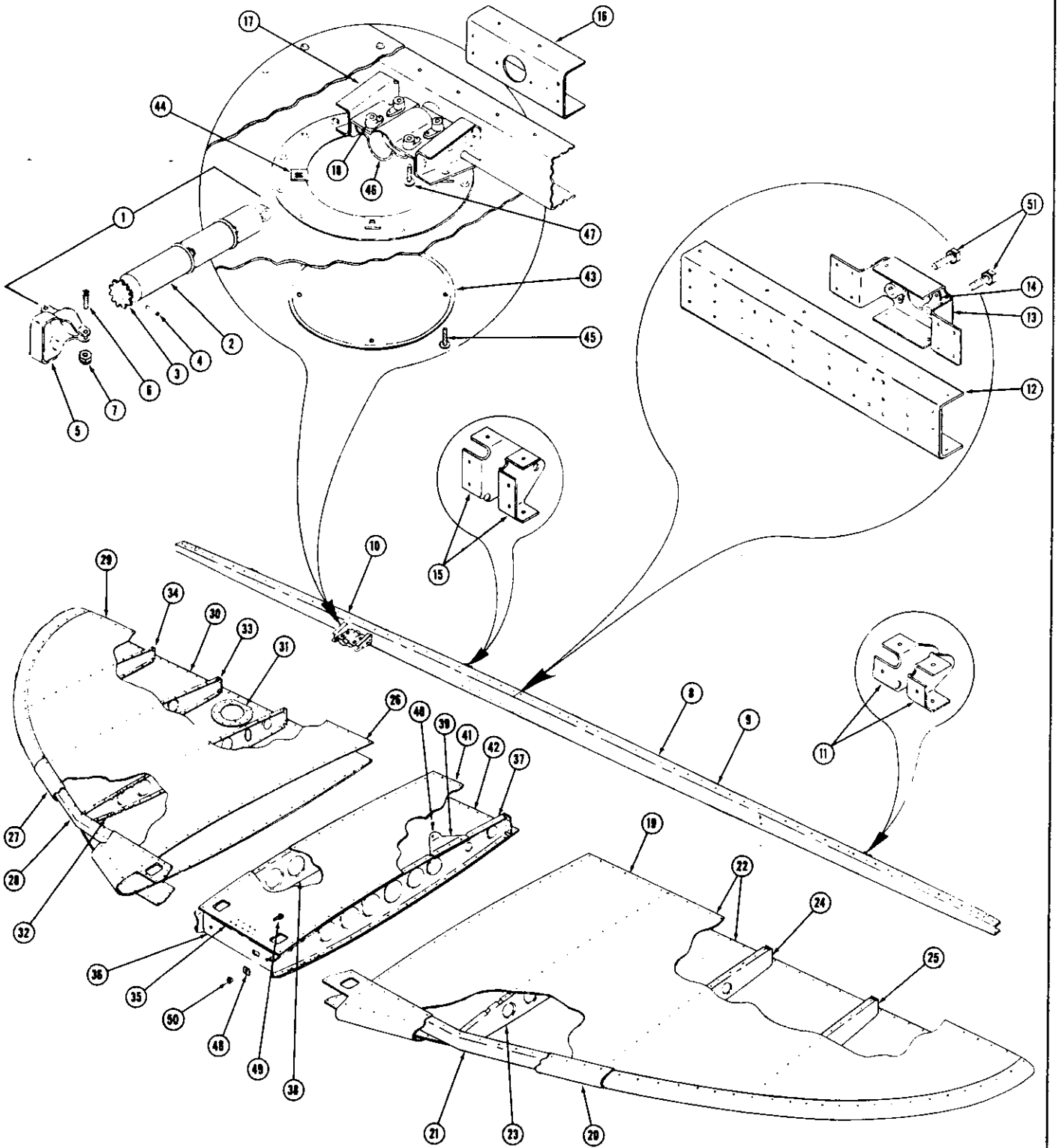


FIGURE 14—STABILIZER ASSEMBLY



ILLUSTRATED PARTS CATALOG

FIGURE 13

FIN ASSEMBLY (CONTINUED)

FIGURE AND REF NO	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
13-19	0431135					Rib - Fin #1	1	
13-20	0431115					Spar - Fin Front	1	
13-21	0431128					Skin - Fin Lower	1	
13-22	0411875-21					Moulding - (X-200 Rubber Channel)	1	
13-23	AN4-4A					Bolt - (Attach Fin To Fuselage)	1	
13-24	0430010-1					Shim - Empennage Attachment - (.020)	AR	
	0430010-2					Shim - Empennage Attachment - (.032)	AR	
13-25	AN365-428					Nut - (Attach Fin To Fuselage)	1	
13-26	AN3-5A					Bolt - (Attach Lower Hinge)	4	

FIGURE 14

STABILIZER ASSEMBLY

	0432000					Stabilizer Assembly - Complete	1
14-1	0310293					Actuator Assembly - Elevator Tab	1
14-2	0310293-10					Actuator - Elevator Tab	1
14-3	0432134-2					Sprocket - Elevator Tab Actuator	1
14-4						Pin - Groove (Type 3) (3/32 DIA. x 1/2 Long)	1
14-5	0310331					Guard	1
14-6	AN526-832R8					Screw	2
14-7	AN365-832					Nut	2
	0432000-3					Stabilizer Assembly - Less Actuator	1
14-8	0432106					Spar Assembly - Stabilizer Rear	1
14-9	0432107					Spar - Left Stabilizer	1
14-10	0432107-1					Spar - Right Stabilizer	1
14-11	0432111					Bracket - Stabilizer Outer Hinge	4
14-12	0432108					Stiffener - Stabilizer Spar	1
14-13	0432109					Bracket Assembly - Fin Attaching	1
14-14	AN366P428					Nutplate - Anchor	2
14-15	0432110					Bracket - Stabilizer Hinge Inner	4
14-16	0432124					Reinforcement - Stabilizer Spar	1
14-17	0432147					Bracket Assembly - Tab Actuator Attachment)	1
14-18	22A3-02					Anchor Nut - Esna	4
14-19	0432154					Skin Assembly - Stabilizer Left	1
14-20	0432116					Leading Edge Assembly	1
14-21	0432160					Channel	1
14-22	0432151					Skin - Stabilizer Left	2
14-23	0432113					Rib	1
14-24	0432114					Rib	1
14-25	0432115					Rib	1
14-26	0432153					Skin Assembly - Stabilizer Right	1
14-27	0432116-1					Leading Edge Assembly	1
14-28	0432160					Channel	1
14-29	0432151					Skin - Upper	1
14-30	0432156					Skin Assembly - Lower Right	1
14-31	0432155					Retainer - Stabilizer Actuator Cover	1
14-32	0432113					Rib	1
14-33	0432114					Rib	1
14-34	0432115					Rib	1
14-35	0432131					Center Section Assembly - Stabilizer	1
14-36	0432118					Bracket	1
14-37	0432112					Rib	1
14-38	0432112-1					Rib	1
14-39	0432150					Bracket - Pulley	1
14-40	AN380-4-5					Pin - Cotter	1
14-41	0432121					Skin - Upper	1
14-42	0432117					Skin - Lower	1
14-43	0432123					Plate - Inspection	1
14-44	NAS395-14-3					Nut - (Attach Inspection Plate) (Tinnerman A1274-8Z-3)	4
14-45	PK76XZ-8-8					Screw - (Attach Inspection Plate)	4
14-46	0432126					Clamp	1
14-47	AN520-10R8					Screw - (Attach Clamp)	4
14-48	0430010-1					Shim - Empennage Installation - (.020)	AR
	0430010-2					Shim - Empennage Installation - (.032)	AR
14-49	AN4-4A					Bolt - (Attach Stabilizer To Fuselage)	2
14-50	AN365-428					Nut - (Attach Stabilizer To Fuselage)	2
14-51	AN4-5A					Bolt - (Attach Fin To Stabilizer Rear Spar)	2

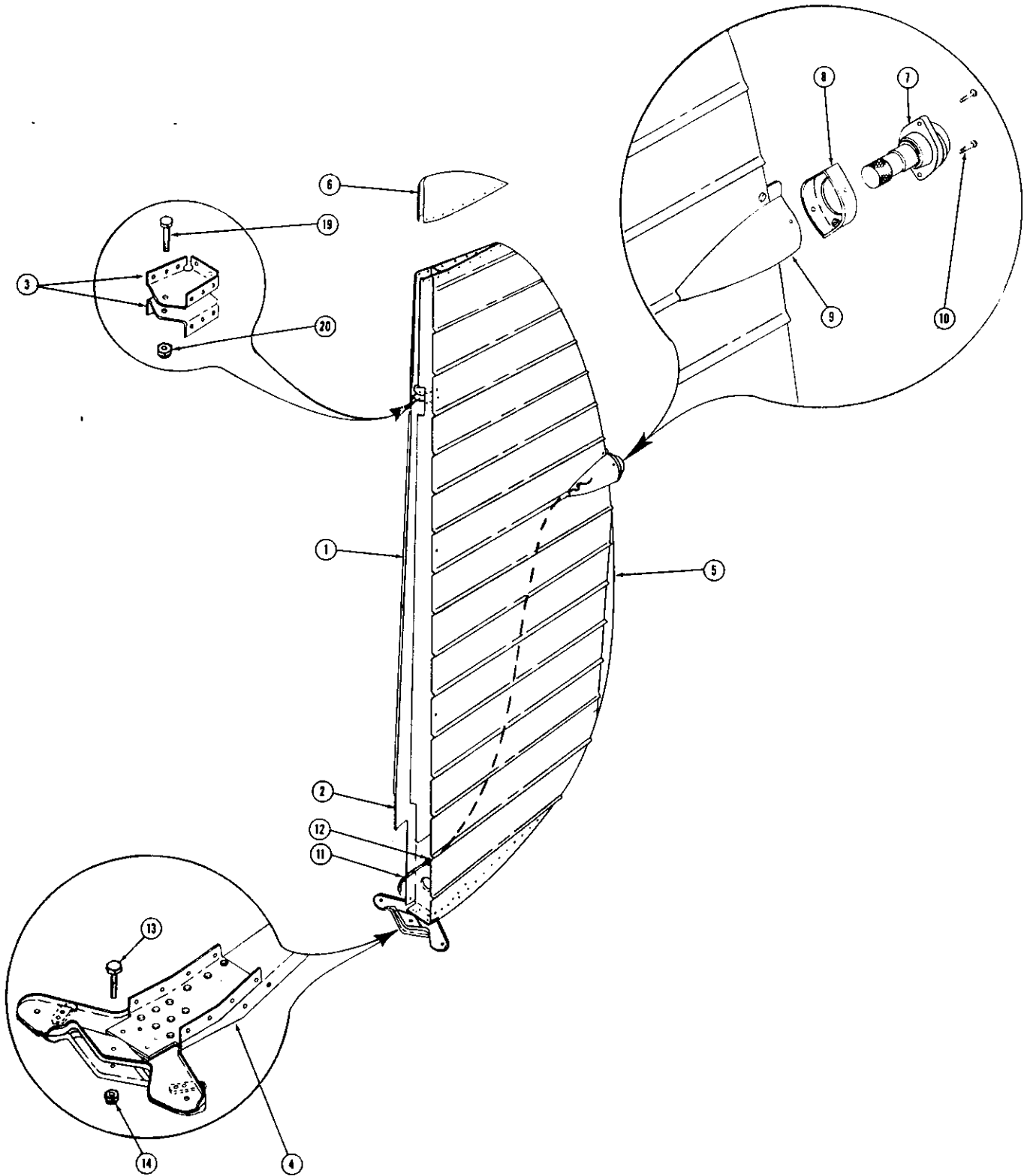


FIGURE 15-RUDDER ASSEMBLY

ILLUSTRATED PARTS CATALOG

FIGURE 15

RUDDER ASSEMBLY

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	0433000-14	Rudder Assembly						1
15-1	0433126	Spar Assembly - Rudder						1
15-2	0433125	Spar Rudder						1
15-3	0433114	Bracket - Rudder Hinge						2
15-4	0433106	Rib Assembly #1 - Rudder						1
15-5	0433127	Tab - Rudder						1
15-6	0433111	Tip Skin - Rudder						1
15-7	0433006	Light Assembly - Tail						1
	0433006-2	Lens - Tail Light - Clear						1
	0433006-3	Bulb - Single Contact Base						1
15-8	0433007	Mount - Tail Light						1
15-9	0433121	Bracket - Tail Light Mounting						1
15-10	AN515-4R8	Screw - (Attach Tail Light)						2
15-11	0400005-41	Wire - Tail Light						1
15-12	AN931-3-5	Grommet						1
15-13	AN3-7A	Bolt - (Attach Rudder)						2
15-14	AN365-1032	Nut - (Attach Rudder)						2

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

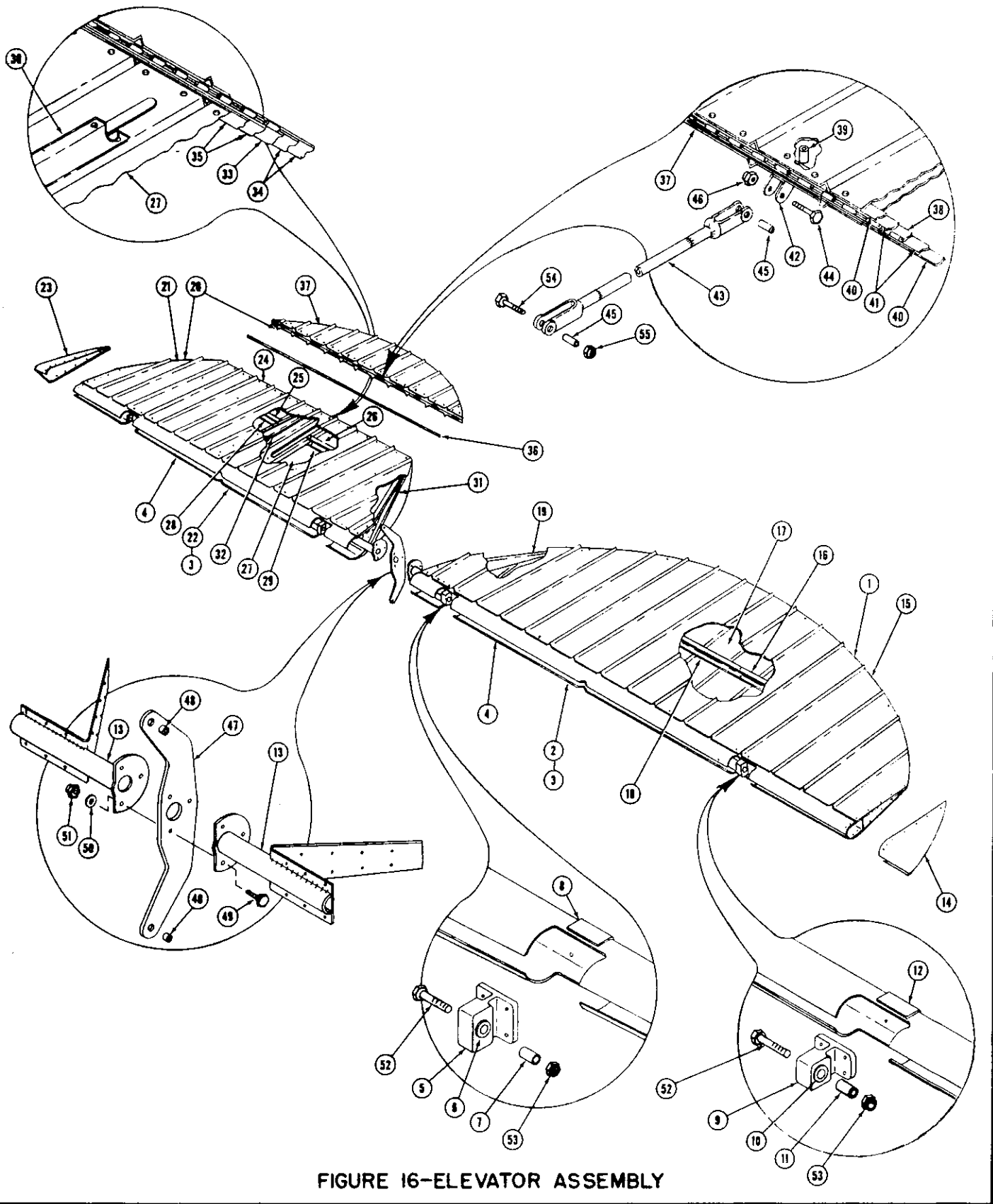


FIGURE 16-ELEVATOR ASSEMBLY



ILLUSTRATED PARTS CATALOG

FIGURE 16

ELEVATOR ASSEMBLY

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	0434000-49	Elevator Assembly						1
16-1	0434139	Elevator Assembly - Left						1
16-2	0434136	Spar Assembly - Elevator Front						1
16-3	0434136-2	Spar Assembly						1
16-4	0434106	Spar - Elevator						1
16-5	0434129	Hinge - Inboard						1
16-6	NAS295-7XA	Bearing - (Torrington B-78X)						1
16-7	0422215	Inner Race - Aileron Hinge Bearing						1
16-8	0434152	Channel - Elevator Hinge Stiffener						1
16-9	0434130	Hinge - Outboard						1
16-10	NAS295-7XA	Bearing - (Torrington B-78X)						1
16-11	0422215	Inner Race - Aileron Hinge Bearing						1
16-12	0434151	Channel - Elevator Hinge Stiffener						1
16-13	0434116	Tube Assembly - Elevator Torque						1
16-14	0434115	Tip - Elevator - Left						1
16-15	0434141	Skin Assembly - Upper						1
16-16	0434150	Angle - Stiffener						1
16-17	0434142	Skin Assembly - Lower						1
16-18	0434143	Angle - Stiffener						1
16-19	0434146	Rib - Left Elevator						1
16-20	0434138-49	Elevator Assembly - Right						1
16-21	0434137	Sub Assembly - Right Elevator						1
16-22	0434136	Spar Assembly - Elevator Front (See Item 16-2 Above)						1
16-23	0434115	Tip - Elevator - Right						1
16-24	0434140	Skin Assembly - Upper						1
16-25	0434144-1	Angle - Stiffener						1
16-26	0434145-1	Angle - Stiffener						1
16-27	0434134	Skin Assembly - Lower						1
16-28	0434144-2	Angle - Stiffener						1
16-29	0434145-2	Angle - Stiffener						1
16-30	0434114	Cover						1
16-31	0434107	Rib #1 - Right Elevator						1
16-32	0434108	Rib #2 - Right Elevator						1
16-33	0434126-2	Hinge - Half						1
16-34	0434110	Spacer						2
16-35	0434147	Spacer						2
16-36	AN253-2-3325	Pin - Hinge (Tab)						1
16-37	0434135-49	Tab Assembly						1
16-38	0434126-3	Hinge - Half						1
16-39	NAS42DD-5-16	Spacer						1
16-40	0434148	Spacer Strip - Tab Hinge						2
16-41	0434123	Spacer Strip - Tab Hinge						2
16-42	0434122	Bracket - Tab Push-Pull Rod						1
16-43	0434127	Rod Assembly - Tab Push-Pull						1
16-44	AN3-7A	Bolt - (Attach Push-Pull Rod To Bracket)						1
16-45	S-15-50	Bushing						1
16-46	AN365-1032	Nut - (Attach Push-Pull Rod To Bracket)						1
16-47	0434120	Bellcrank - Elevator						1
16-48	0434149	Bushing						2
16-49	AN3-4A	Bolt - (Attach Elevator Bellcrank)						3
16-50	AN960-D10	Washer - (Attach Elevator Bellcrank)						3
16-51	AN365-1032	Nut - (Attach Elevator Bellcrank)						3
16-52	AN4-11A	Bolt - (Attach Elevator To Stabilizer)						4
16-53	AN365-428	Nut - (Attach Elevator To Stabilizer)						4
16-54	AN3-7A	Bolt - (Connect Tab Push-Pull Rod To Tab Actuator)						1
16-55	AN365-1032	Nut - (Connect Tab Push-Pull Rod To Tab Actuator)						1

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE



ILLUSTRATED PARTS CATALOG

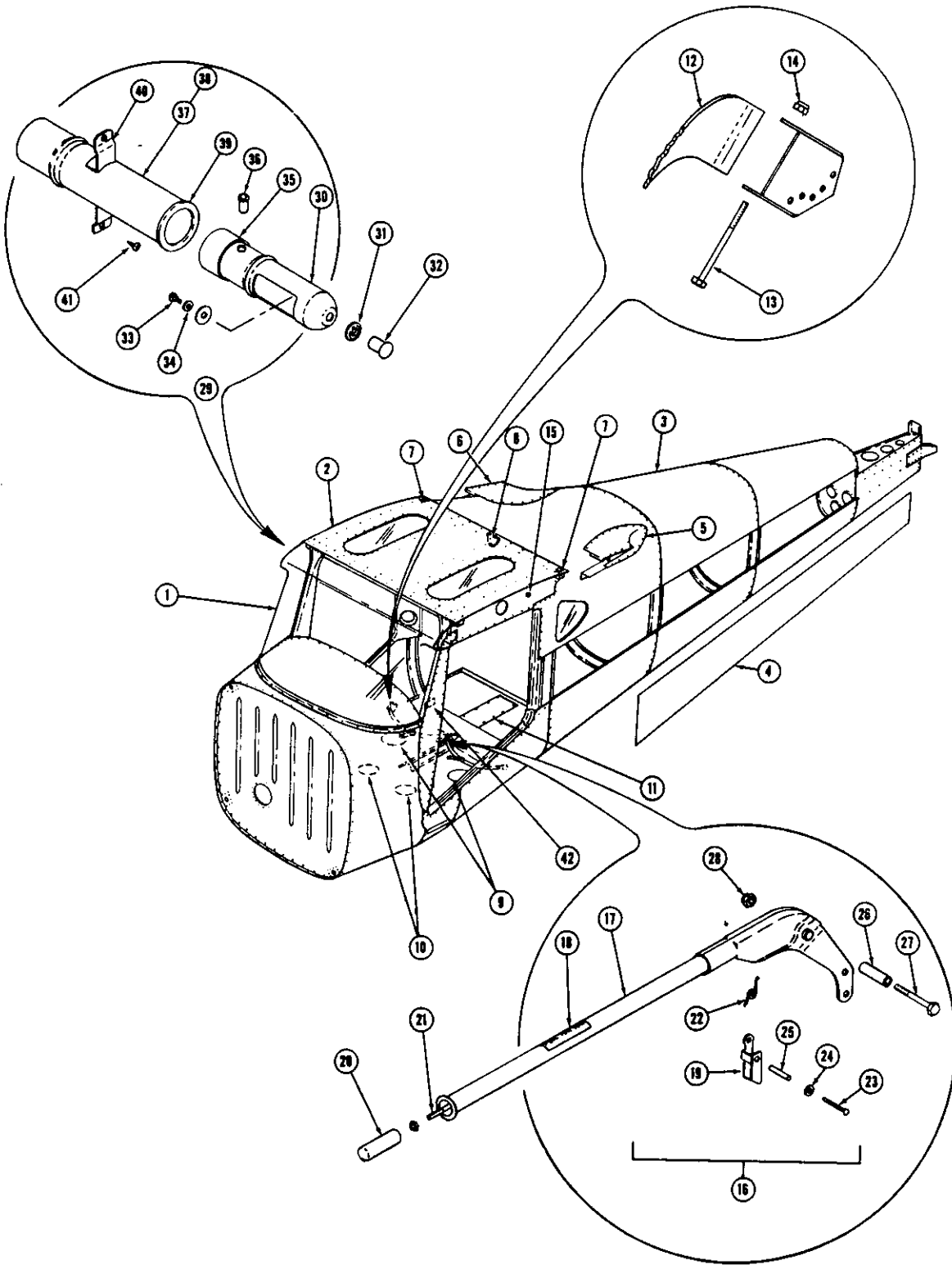


FIGURE 17—FUSELAGE ASSEMBLY



ILLUSTRATED PARTS CATALOG

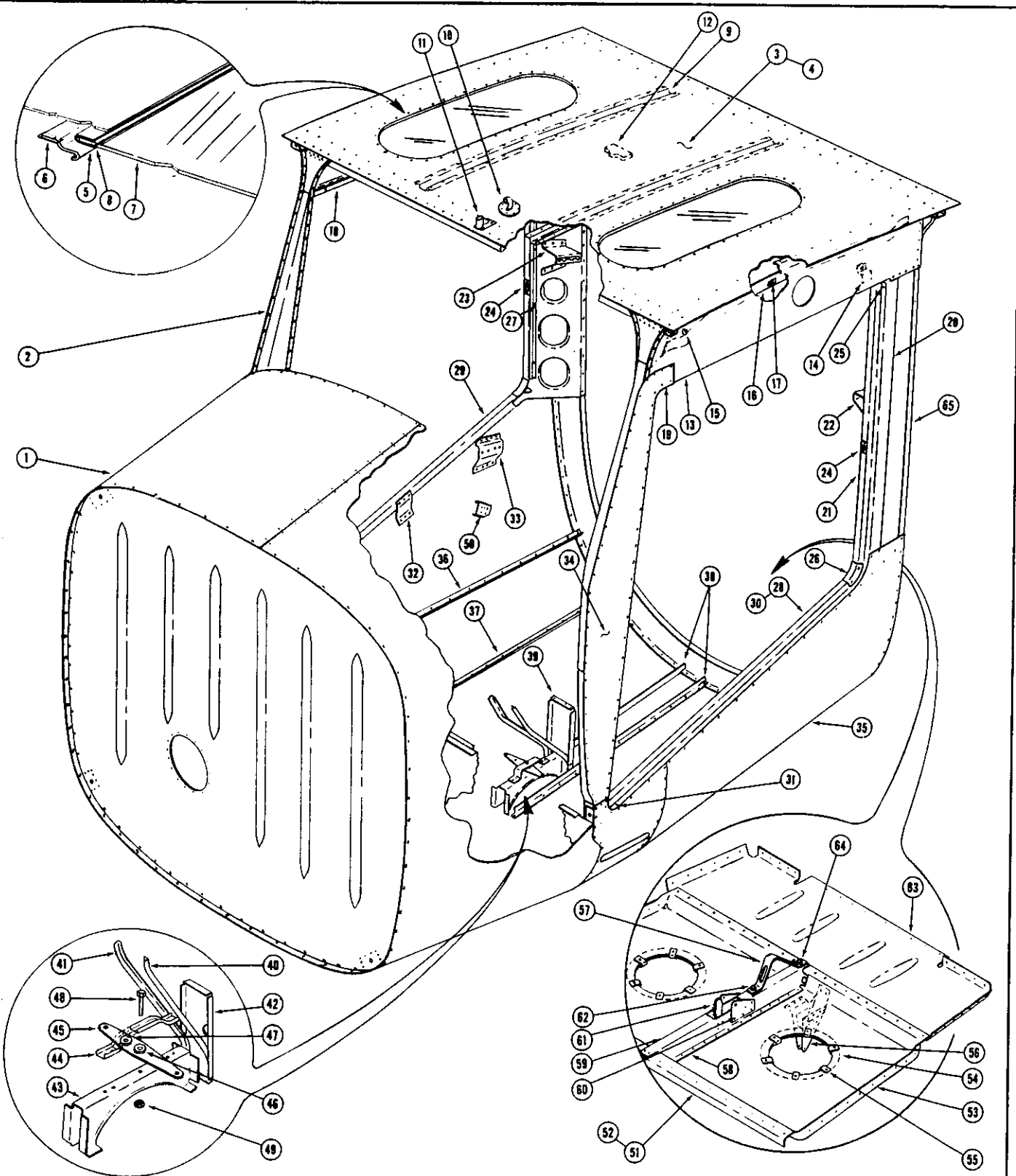
FIGURE 17

FUSELAGE ASSEMBLY

FIGURE AND REF. NO.	PART NUMBER	PART NAME							UNITS REQ'D ON MODEL
			1	2	3	4	5	6	
	0410001-51	Fuselage Assembly - Bare (With Windshield, Rear Windows, And Electrical Wiring)							1
17-1	See Figure 20	Windshield Installation							1
17-2	See Figure 18	Front And Center Section - Fuselage							1
17-3	See Figure 22	Aft Section Assembly - Fuselage							1
17-4	0412119	Skin - Left Splice Plate							1
	0412119-1	Skin - Right Splice Plate							1
17-5	0426003-13	Fillet Assembly - L. H.							1
17-6	0426003-14	Fillet Assembly - R. H.							1
	AN526-832R8	Screw - (Attach Fillet Assemblies)							6
17-7	NAS395-10-3	Nut - (Tinnerman A6452-82-.072-3) (Attach Wing Fillet)							4
17-8	0411635	Bracket - Aileron Carry Through Pulley (Serial 15200 To 15284)							1
	0411635-3	Bracket - Aileron Carry Through Pulley (Serial 15284 And On)							1
17-9	0411530	Plate - Inspection							2
	PK76XZ-10-8	Screw - (Attach Inspection Plates)							12
17-10	0411371	Plate - Inspection							2
	PK76XZ-8-8	Screw - (Attach Inspection Plates)							12
17-11	0411314	Plate - Inspection							1
	PK76XZ-10-8	Screw - (Attach Inspection Plate)							8
	NAS395-27-3	Nut - (Tinnerman A1793-10Z-.064-3) (Attach Inspection Plates)							4
	NAS395-23-3	Nut - (Tinnerman A1794-10Z-3) (Attach Inspection Plate)							4
17-12	0411041-5	Belt Assembly - Safety (Color - Tan)							2
	0411041-6	Belt Assembly - Safety (Color - Green)							2
17-13	AN3-25A	Bolt - (Attach Safety Belt)							2
17-14	AN365-1032	Nut - (Attach Safety Belt)							2
17-15	0411038	Phone Jack							1
	0411782	Etched Plate - Phone Jack							1
17-16	0410215-2	Lever Assembly - Flap							1
17-17	0410216	Lever - Flap							1
17-18	0425141	Decal - Flap							1
	0425122	Latch Assembly - Flap Lever							1
17-19	0425121	Latch - Flap Lever							1
17-20	0425124	Button - Flap Lever Release							1
17-21	0425120	Rod - Latch							1
17-22	0425130	Spring - Flap Lever							1
17-23	AN470AD4-16	Rivet							1
17-24	AN960-4	Washer							2
17-25	0425140	Bushing							1
17-26	0425133	Bushing							1
17-27	AN3-12A	Bolt - (Attach Flap Lever)							1
17-28	AN364-1032	Nut - (Attach Flap Lever)							1
17-29	0413163	Outlet Assembly - Cabin Air Vent - Left							1
	0413163-1	Outlet Assembly - Cabin Air Vent - Right							1
17-30	0413155-3	Outlet - Cabin Air Vent							1
17-31	0413228	Washer							1
17-32	0411092	Knob							1
17-33	AN526-832R5	Screw							1
17-34	AN936-A8	Washer							1
17-35	0413163-5	Seal - Felt							1
17-36	0413203	Catch - Bullet							1
17-37	0413163-8	Tube Assembly - Cabin Vent - Left							1
	0413163-9	Tube Assembly - Cabin Vent - Right							1
17-38	0413156	Tube - Cabin Vent							1
17-39	0413163-7	Washer - Felt Seal							1
17-40	0413159	Clip							2
17-41	PK76XZ-8-6	Screw							4
17-42	0413261	Name Plate - M. A. A.							1

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE



SEAT PAN DETAIL

FIGURE 18 FRONT & CENTER SECTION—FUSELAGE

ILLUSTRATED PARTS CATALOG

FIGURE 18

FRONT AND CENTER SECTION ASSEMBLY - FUSELAGE

FIGURE AND REF. NO.	PART NUMBER	PART NAME	UNITS REQ'D ON MODFL						
			1	2	3	4	5	6	
	0410001-50	Front And Center Section Assembly							1
18-1	See Figure 19	Front Section Assembly							1
18-2	See Figure 21	Bulkhead Assembly - Landing Gear							1
18-3	0411372-49	Top Assembly - Cabin							1
18-4	0411123-2	Skin - Cabin Top							1
18-5	0411174	Frame - Cabin Top Window							2
18-6	0413181	Clip - Upholstery							14
18-7	0411372-50	Window - Cabin Top							2
18-8	0412152-2	Moulding - Window							1
18-9	0411718	Stiffener Assembly - Cabin Top							2
	0411680	Hanger - Upholstery							1
18-10	0511118	Vent Assembly - Fuel Tank							1
18-11	0411670	Bracket - Antenna							1
18-12	0413142	Light Assembly - Dome							1
	0413139	Bezel - Dome Light							1
	0413141	Lens - Dome Light							1
	0413142-2	Switch - Dome Light							1
	0413140-3	Reflector - Dome Light							1
	0413138	Socket - Dome Light							1
	0511060-1	Bulb - Dome Light							1
	AN931-3-5	Grommet							1
	NAS395-1-3	Nut - (Tinnerman A6187-4Z-3)							4
	PK76X2-4-5	Screw - (Attach Switch To Reflector)							2
	PK76X2-4-6	Screw - (Attach Bezel To Reflector)							2
	NAS42DD-4-48	Spacer - Dome Light (Attach Light To Top)							2
	AN470AD4-6	Rivet - (Attach Dome Light To Top)							2
18-13	0413327	Rib Assembly - Fuselage Center Section - Left							1
	0413327-1	Rib Assembly - Fuselage Center Section - Right							1
18-14	0411850	Bracket							1
18-15	AN931-3-5	Grommet							1
18-16	0411696	Support Assembly - Cabin Headlining - Left							1
	0411696-1	Support Assembly - Cabin Headlining - Right							1
18-17	0411696-5	Clip							3
18-18	0511153-4	Retainer - Cabin Headlining							2
18-19	0411622	Fillet - Door Frame Upper Forward							2
18-20	0411618-14	Jamb Assembly - Door - Left							1
	0411618-15	Jamb Assembly - Door - Right							1
18-21	0411121	Jamb - Door Rear - Left							1
	0411121-1	Jamb - Door Rear - Right							1
18-22	0411457	Catch - Seat Back - Left							1
18-23	0411457-1	Catch - Seat Back - Right							1
18-24	0511582	Strike Plate - Door Latch							1
	NAS445-5	Nutplate - (Tinnerman A6196-8Z-3)							2
	PK76X2-8-6	Screw - (Attach Strike Plate)							2
18-25	0411413	Fillet - Door Frame Upper Aft							1
18-26	0411146	Fillet - Door Frame Lower Aft							1
18-27	0411689	Retainer - Upholstery							1
18-28	0411620	Sill Assembly - Door - Left							1
18-29	0411620-1	Sill Assembly - Door - Right							1
18-30	0411122	Sill - Door - Left							1
	0411122-1	Sill - Door - Right							1
18-31	0411147	Fillet - Door Frame Lower Forward							1
18-32	0411345	Support - Door Sill Lower							1
	0411315	Bracket - Seat Back Pivot - Left							1
18-33	0411315-1	Bracket - Seat Back Pivot - Right							1
18-34	0411611-48	Skin - Landing Gear Bulkhead - Left							1
	0411611-49	Skin - Landing Gear Bulkhead - Right							1
18-35	0411126	Skin - Center Section Lower							1
18-36	0411651	Angle - Skin Stiffener							2
18-37	0411636	Angle - Skin Stiffener							2
18-38	0411570	Angle - Skin Stiffener							2
18-39	0411632	Support And Bellcrank Assembly							1
18-40	0411569	Angle - Support - Left							1
18-41	0411569-1	Angle - Support - Right							1
18-42	0411110	Support - Bellcrank							1
18-43	0411288	Bellcrank And Bracket Assembly							1
	0411289	Bracket - Elevator Bellcrank - Lower							1
18-44	0411290	Bracket - Elevator Bellcrank - Upper							1
18-45	0411258	Bellcrank Assembly - Elevator Control							1
18-46	NAS296-4A	Bearing							1
18-47	AN200KS4	Bearing							1
18-48	AN4-10A	Bolt - (Attach Bellcrank To Bracket)							1
18-49	AN365-428	Nut - (Attach Bellcrank To Bracket)							1
	0411528	Bracket - Safety Belt Attachment - Left							1
18-50	0411528-1	Bracket - Safety Belt Attachment - Right							1

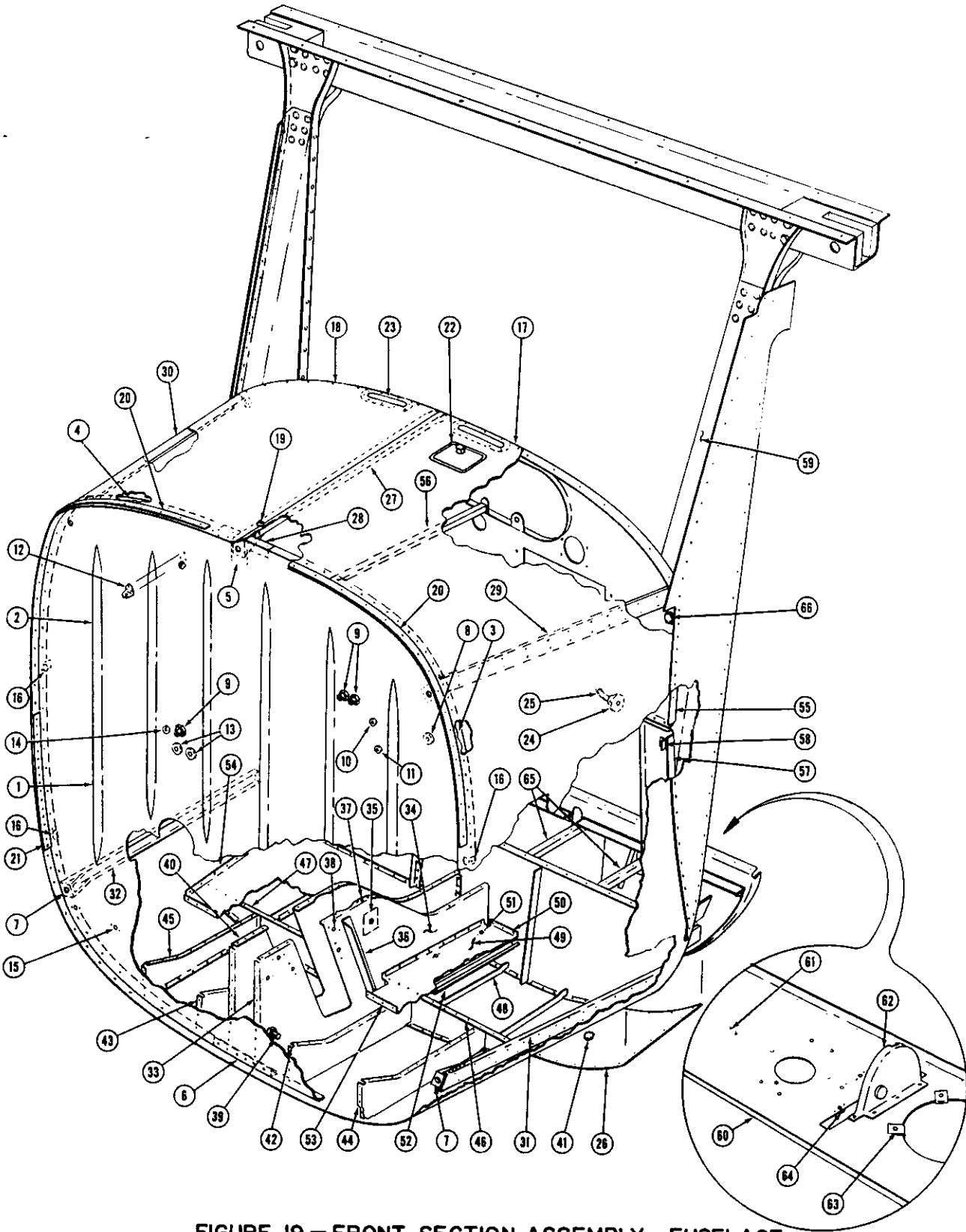


FIGURE 19 — FRONT SECTION ASSEMBLY—FUSELAGE

ILLUSTRATED PARTS CATALOG

FIGURE 18 FRONT AND CENTER SECTION ASSEMBLY - FUSELAGE (CONTINUED)

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
18-51	0411885-14		Pan	Assembly - Seat - Complete				1
18-52	0411885-3		Pan	Assembly - Seat				1
18-53	0411884			Pan - Seat				1
18-54	0411370			Doubler - Inspection Opening				2
18-55	NAS395-17-3			Nut - (Tinnerman A1348-8Z-3)				12
18-56	0411473			Bracket - Pulley				1
18-57	0425132			Bracket - Safety Belt - Center				1
18-58	0425136			Channel Assembly - Seat Pan				1
18-59	0425128-14			Channel				1
	AN366F1032			Nutplate				1
18-60	0425131			Support - Flap Handle				2
	0425138			Doubler				1
18-61	0425123			Ratchet				1
	0425129			Spacer				2
18-62	AN3-5A			Bolt - (Attach Safety Belt Bracket)				1
18-63	0411463			Floorboard - Baggage Compartment				1
18-64	AN3-7A			Bolt - (Attach Safety Belt Bracket)				1
	AN960-10			Washer - (Attach Safety Belt Bracket)				1
18-65	See Figure 21			Bulkhead Assembly + Fuselage (Station 56.69)				1

FIGURE 19 FRONT SECTION ASSEMBLY - FUSELAGE - BARE

19-1	0413001-2		Front Section Assembly - Fuselage - Bare					1
19-1	0413227-49		Firewall Assembly					1
19-2	0453114		Sheet - Firewall					1
19-3	0453107		Angle - Left					1
19-4	0453107-1		Angle - Right					1
19-5	0453109		Plate - Upper Center					1
19-6	0453108		Angle - Lower Center					1
19-7	0453110		Plate - Reinforcement					4
19-8	AN931-11-16		Grommet					1
19-9	AN832-2D		Fitting - Bulkhead					3
	AN924-2D		Nut - Bulkhead Fitting					3
19-10	48199		Plug Button - (United Carr)					1
19-11	AN931-3-5		Grommet					1
19-12	0450284		Bracket					1
19-13	AN931-4-16		Grommet					2
19-14	AN931-4-7		Grommet					1
19-15	NAS444-5		Nut - Anchor (Tinnerman A6195-8Z-3)					8
19-16	0411685		Clip - Upholstery					4
19-17	0411130-50		Skin - Fuselage Front Section - Left					1
19-18	0411130-49		Skin - Fuselage Front Section - Right					1
19-19	NAS451-3		Button - Plug (United Carr 51034)					1
19-20	0413107		Strip - Rubbing					2
19-21	A6221-8Z-8-D		Nut Strip - (Tinnerman)					2
19-22	0413120		Ash Receiver					1
19-23	0413106		Handle - Assist					2
19-24	0413137		Flange - Pitot Static Line					1
19-25	AN823-4D		Elbow					1
19-26	0411127-49		Skin					1
19-27	0411173		Stringer Assembly - Upper Center					1
	0411154		Stringer					1
19-28	0411281-3		Bracket					1
19-29	0411282		Stringer Assembly - Upper Left					1
	0413286		Stringer					1
	0411281-4		Bracket - Engine Mount Attaching					1
19-30	0411282-1		Stringer Assembly - Upper Right					1
	0413286-1		Stringer					1
	0411281-5		Bracket - Engine Mount Attaching					1
19-31	0411283		Stringer Assembly - Lower Left					1
	0411153		Stringer					1
	0411281-5		Bracket - Engine Mount Attaching					1
19-32	0411283-1		Stringer Assembly - Lower Right					1
	0411153-1		Stringer					1
	0411281-4		Bracket - Engine Mount Attaching					1
19-33	0411291		Bulkhead Assembly - Control Tee - Left					1
19-34	0411161		Bulkhead					1
19-35	0411342		Plate - Reinforcement					1
19-36	0411287		Angle - Reinforcement					1
19-37	NAS444-5		Nut - Anchor (Tinnerman A6195-8Z-3)					1
19-38	AN366-F1032		Nutplate					5
19-39	AN832-4D		Fitting					1
19-40	0411291-1		Bulkhead Assembly - Control Tee - Right					1

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE



ILLUSTRATED PARTS CATALOG

FIGURE 19

FRONT SECTION ASSEMBLY - FUSELAGE (CONTINUED)

FIGURE AND REF NO	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	0411161-1					Bulkhead		1
	0411342					Plate - Reinforcement		1
	0411287-1					Angle		1
	NAS444-5					Nut - Anchor (Tinnerman A6195-8Z-3)		1
	AN366-F1032					Nutplate		5
19-41	48151					Button - Plug (United Carr)		2
19-42	0411349					Bulkhead Assembly - Front Floorboard - Inboard Left		1
	NAS444-5					Nut - Anchor (Tinnerman A6195-8Z-3)		1
19-43	0411349-1					Bulkhead Assembly - Front Floorboard - Inboard Right		1
	NAS444-5					Nut - Anchor		1
19-44	0411138					Bulkhead - Front Floorboard - Outboard Left		1
19-45	0411138-1					Bulkhead - Front Floorboard - Outboard Right		1
19-46	0411139					Bulkhead - Floorboard Station 11.000 - Left		1
19-47	0411139-1					Bulkhead - Floorboard Station 11.000 - Right		1
19-48	0411630					Stiffener		4
19-49	0411280-4					Floorboard Assembly - Forward Left		1
19-50	0411274					Floorboard - Forward Left		1
19-51	NAS444-4					Nut - Anchor (Tinnerman A6191-8Z-3)		4
19-52	0411275					Support - Front Floorboard		1
19-53	0411285					Angle - Left		1
19-54	0411280-3					Floorboard Assembly - Forward Right		1
	0411274-1					Floorboard - Forward Right		1
	NAS444-4					Nut - Anchor		4
	0411275					Support - Front Floorboard		1
	0411285-1					Angle - Right		1
19-55	See Figure 39					Panel Assembly - Stationary Instrument		1
19-56	0413212					Brace - Stationary Instrument		2
19-57	0411864					Stiffener Assembly - Station 20.5 Canted Bulkhead - Left		1
	0411864-1					Stiffener Assembly - Station 20.5 Canted Bulkhead - Right		1
19-58	0411688					Angle - Upholstery Retaining		2
19-59	0413329					Bulkhead Assembly (See Figure 21)		1
19-60	0411511-14					Floorboard Assembly - Landing Gear Cover		1
19-61	0411662					Floorboard - Landing Gear Cover		1
19-62	0411418					Cover Assembly - Tab Control Wheel - Left		1
	M451					Bearing - (Torrington)		1
19-63	NAS395-24-3					Nut - (Tinnerman A1758-10Z-3)		12
19-64	NAS444-5					Nut - Anchor (Tinnerman A6195-8Z-3)		3
19-65	0411634					Stiffener - Floorboard		4
19-66	AN3-4A					Bolt		6
	AN365-428					Nut		6

FIGURE 20

WINDSHIELD INSTALLATION

	0413339	Windshield Installation (Reference Only)						1
20-1	0411172-49	Windshield						1
20-2	0413339-2	Pad - Windshield Felt						1
20-3	0411801-9	Pad - Windshield Felt						1
20-4	0411479-49	Strip - Windshield Attachment - Lower Outer						1
20-5	0411480-49	Strip - Windshield Attachment - Lower Inner						1
20-6	0413339-3	Electrical Tape (3/4" x 60")						1
20-7	See Figure 21	Retainer - Windshield Attachment - Side						1
20-8	0413146	Retainer - Windshield Upper - Outer						1
20-9	0411481	Retainer - Windshield Upper - Inner						1

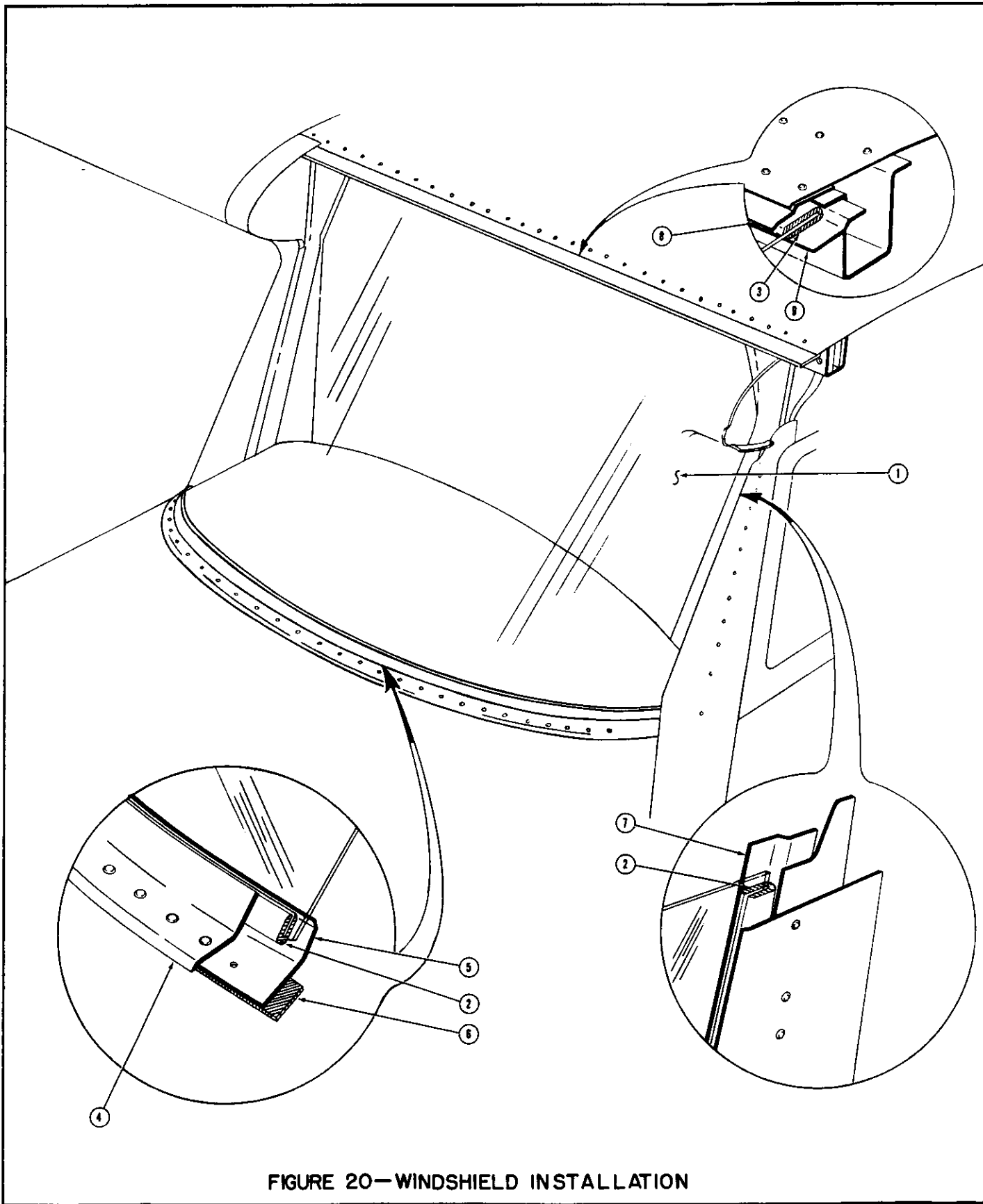


FIGURE 20—WINDSHIELD INSTALLATION

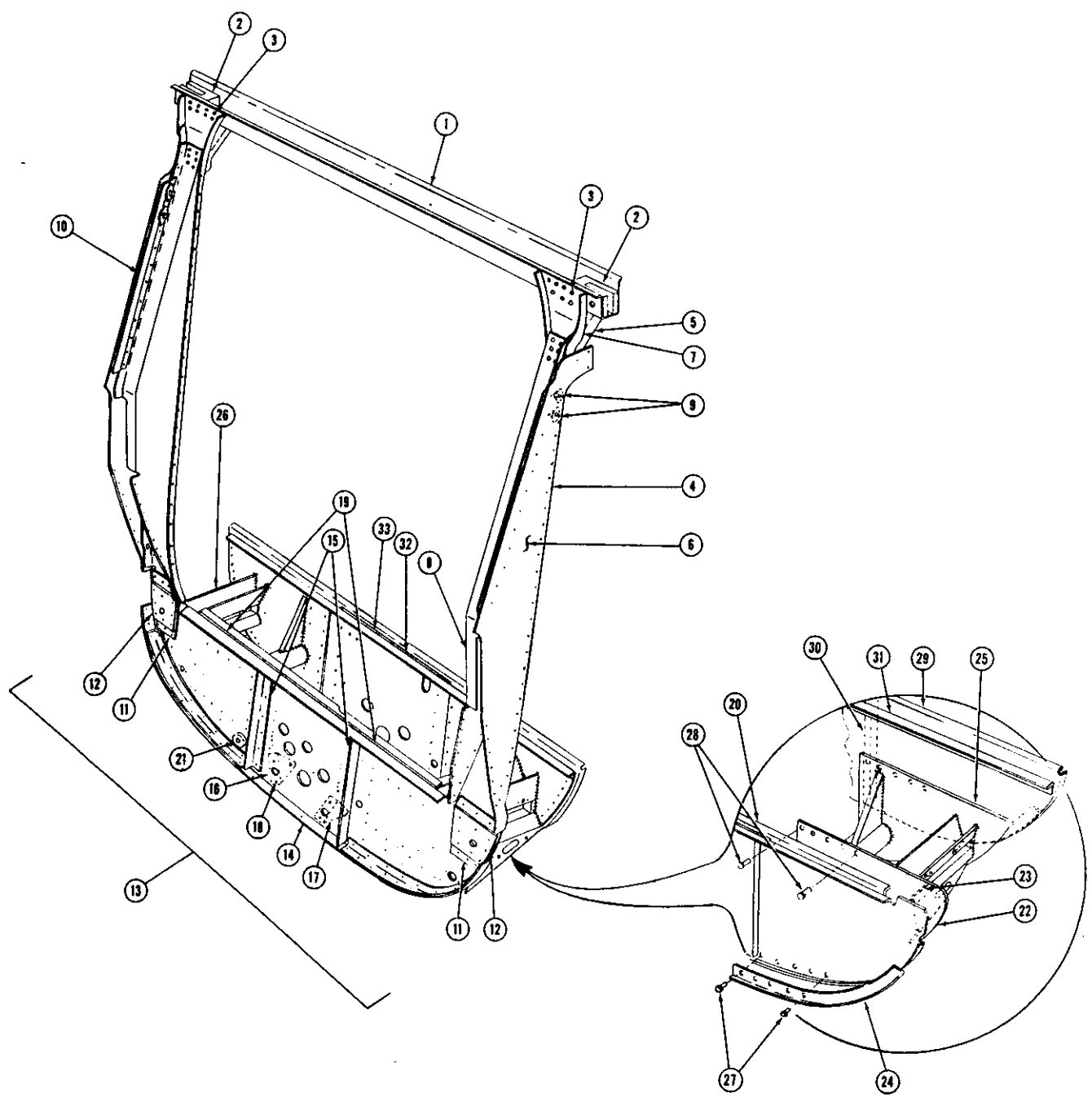


FIGURE 21-BULKHEAD ASSEMBLY-LANDING GEAR

ILLUSTRATED PARTS CATALOG

FIGURE 21

BULKHEAD ASSEMBLY - LANDING GEAR

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQUIRED ON MODEL
		1	2	3	4	5	6	
	0413001-6	Bulkhead Assembly - Landing Gear						1
21-1	0411131	Spar - Fuselage Front						1
21-2	0411129	Block - Spar						2
21-3	AN3-21A	Bolt - (Attach Spar Blocks)						8
	AN365-1032	Nut - (Attach Spar Blocks)						8
21-4	0413329-2	Door Post Assembly - Fuselage Front - Left						1
21-5	0411132	Brace - Door Post - Left						1
21-6	0411868	Skin - Door Post - Left						1
21-7	0413325	Channel - Door Post - Left						1
21-8	0413326	Stiffener - Door Post - Left						1
21-9	AN366-F1032	Nutplate						4
	0411870	Retainer - Windshield						1
21-10	0413329-3	Door Post Assembly - Fuselage Front - Right						1
	0411132-1	Brace - Door Post - Right						1
	0411868-1	Skin - Door Post - Right						1
	0413325-1	Channel - Door Post - Right						1
	0413326-1	Stiffener - Door Post - Right						1
	AN366-F1032	Nutplate						4
	0411870	Retainer - Windshield						1
21-11	0411276	Plate						2
21-12	0411141	Doublers						2
21-13	0413000-3	Bulkhead Assembly - Landing Gear Support						1
21-14	0411120	Bulkhead - (Station 20.5)						1
21-15	0411114	Angle - Bulkhead Stiffener						2
21-16	0411907	Bracket - Rudder Cable Pulley - Left						1
21-17	0411907-1	Bracket - Rudder Cable Pulley - Right						1
21-18	AN520-10R8	Screw - (Attach Brackets)						2
	AN365-1032	Nut - (Attach Brackets)						2
21-19	0411500	Spacer						2
21-20	0411506	Angle - Stiffener						1
21-21	AN931-7-11	Grommet						1
21-22	0411495	Support Assembly - Landing Gear - Left						1
21-23	AN366-F428	Nutplate						2
21-24	0411503	Angle - Reinforcing - Left (Station 20.5)						1
	0411503-1	Angle - Reinforcing - Right (Station 20.5)						1
21-25	0411504	Angle - Reinforcing - Left (Station 27.921)						1
	0411504-1	Angle - Reinforcing - Right (Station 27.921)						1
21-26	0411495-1	Support Assembly - Landing Gear - Right						1
	AN366-F428	Nutplate						2
21-27	NAS178-6-3	Rivet						20
21-28	NAS178-6-4	Rivet						20
	NAS179-6	Collar - Rivet						40
21-29	0411109	Bulkhead Assembly - (Station 27.921)						1
21-30	0411113	Angle - Stiffener - Left						1
	0411113-1	Angle - Stiffener - Right						1
21-31	0411507	Angle - Reinforcement						1
21-32	0411514	Filler						1
21-33	0411568	Filler						1
	AN931-7-11	Grommet						1

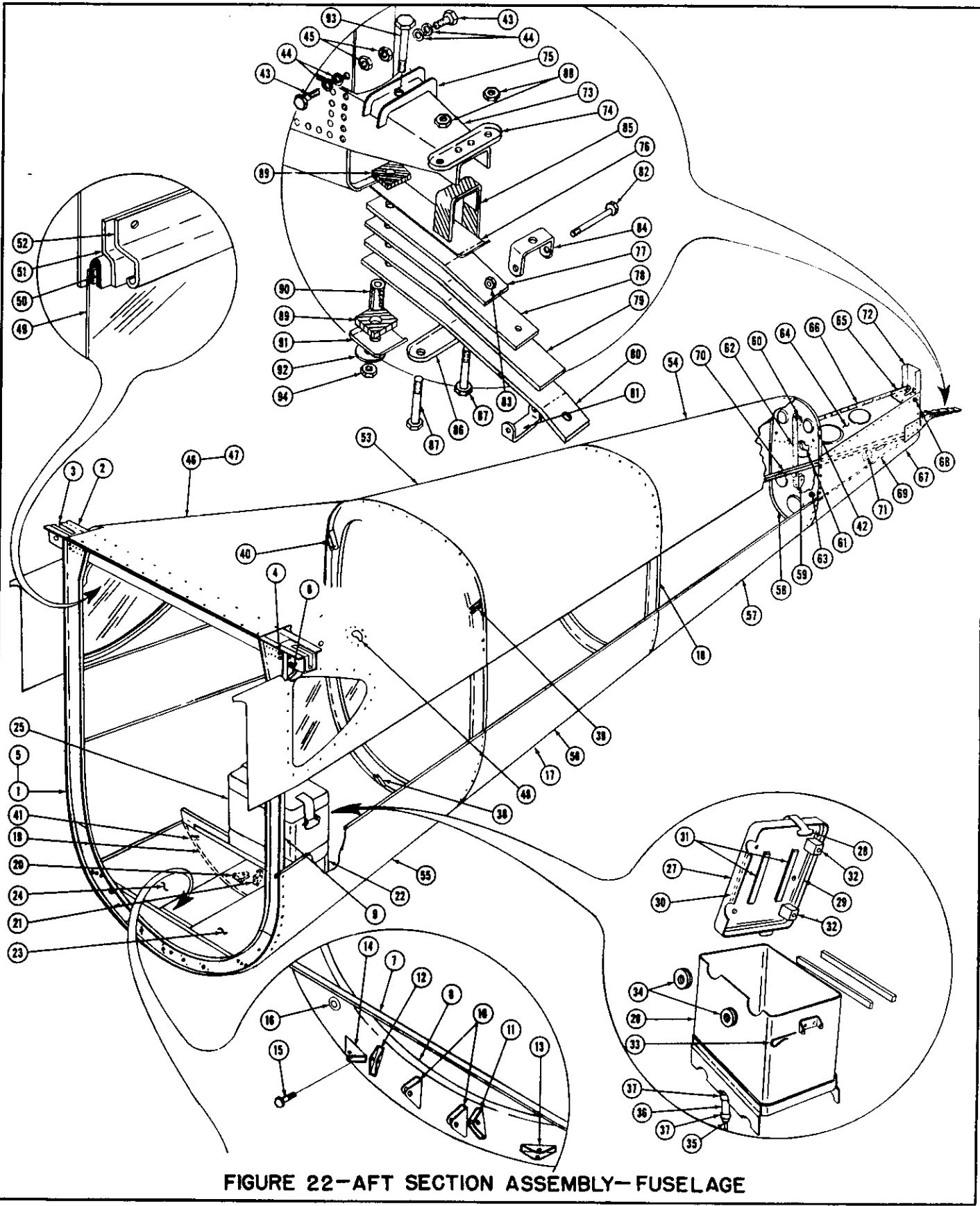


FIGURE 22-AFT SECTION ASSEMBLY-FUSELAGE



ILLUSTRATED PARTS CATALOG

FIGURE 22

AFT SECTION ASSEMBLY - FUSELAGE

FIGURE AND LET NO.	PART NUMBER	PART NAME	1 2 3 4 5 6						UNITS REQ'D ON MODEL
	0412001-4	Aft Section Assembly - Fuselage							1
22-1	0413328	Bulkhead Assembly - Fuselage Aft (Station 56.69)							1
22-2	0411108	Spar - Bulkhead (Station 56.69)							1
	AN365-F25	Nutplate							2
22-3	0512122	Block - Fuselage Spar							2
22-4	AN3-20A	Bolt - (Attach Spar Blocks)							8
	AN365-1032	Nut - (Attach Spar Blocks)							8
22-5	0413325-2	Sub Assembly - Bulkhead (Station 56.69)							1
22-6	0411277	Brace - Bulkhead To Rear Spar - Left							1
	0411277-1	Brace - Bulkhead To Rear Spar - Right							1
22-7	0411115	Angle - Stiffener							1
22-8	0411292	Base Channel							1
22-9	0413324	Channel - Bulkhead - Left							1
	0413324-1	Channel - Bulkhead - Right							1
22-10	0411447	Bracket - Control Pulley							2
22-11	0411449	Bracket - Elevator Pulley - Left							1
22-12	See Figure 46	Bracket - Elevator Pulley - Right (Reference Only)							1
22-13	0411452	Bracket - Rudder Cable Pulley - Left							1
22-14	0411451	Bracket - Rudder Cable Pulley - Right							1
22-15	AN520-10R7	Screw - (Attach Pulley Brackets)							5
	AN365-1032	Nut - (Attach Pulley Brackets)							5
22-16	AN931-7-11	Grommet							1
22-17	0412162	Bulkhead Assembly - Fuselage Aft (Station 95.00)							1
	0412469	Rubbing Strip - Bulkhead							1
	AN931-3-5	Grommet							1
22-18	0412109	Bulkhead Assembly - Fuselage Aft (Station 133.3125)							1
	0412468	Rubbing Strip - Bulkhead							1
	AN931-3-5	Grommet							1
22-19	0411411-14	Bulkhead Assembly - Fuselage Aft (Station 70.69)							1
	0411394	Stiffener - Bulkhead							1
22-20	0411468	Bracket - Flap Pulley - Inboard							1
	AN526-1032R7	Screw - (Attach Pulley Bracket)							1
	AN365-1032	Nut - (Attach Pulley Bracket)							1
22-21	0412467	Bracket - Elevator Tab Pulley							1
	AN227-13B	Stud - Snap Fastener							5
	AN227-14B	Eyelet - Snap Fastener							5
	AN931-6-10	Grommet							1
22-22	0411210	Bulkhead - Battery Support (Station 76.44)							1
22-23	0411362	Floor Assembly - Baggage Compartment - Left							1
	0411208	Floor - Baggage Compartment - Left							1
	0411351	Support - Baggage Compartment Floor							1
	AN931-3-5	Grommet							1
22-24	0411362-1	Floor Assembly - Baggage Compartment - Right							1
	0411208-1	Floor - Baggage Compartment - Right							1
	0411361	Support - Baggage Compartment Floor							1
22-25	0413298	Box Assembly - Battery							1
22-26	0413298-5	Box Assembly - Battery (Less Lid)							1
22-27	0413307-21	Lid Assembly - Battery Box							1
22-28	0413307-17	Fastener - Lid							2
22-29	0413307-4	Seal - Battery Box - Rear							1
22-30	0413307-8	Seal - Battery Box - Forward							1
22-31	0413307-5	Spacer - Battery Box							2
	0413307-6	Insulator - Battery Box							2
22-32	0413307-7	Insulator - Battery Box							2
	AN545-8R6	Screw - (Attach Insulators To Lid)							4
22-33	0413307-19	Pin - Lock							2
22-34	AN931-6-16	Grommet							2
22-35	0413298-2	Tube - Battery Box Drain (Lower)							1
22-36	AN884-6-9	Tube - Rubber - Battery Box Drain							1
22-37	NAS397-12	Clamp - (Tinnerman A3122-12-59)							2
	AN931-7-11	Grommet - Battery Box Drain							1
	0411533	Bracket - Aileron Pulley - Lower Left							1
22-38	0411533-1	Bracket - Aileron Pulley - Lower Right							1
22-39	0411534	Bracket - Aileron Pulley - Upper Left							1
22-40	0411534-1	Bracket - Aileron Pulley - Upper Right							1
	NAS222-9	Screw - (Attach Pulley Brackets)							4
	AN365-428	Nut - (Attach Pulley Brackets)							4
22-41	0411572	Bracket - Flap Control Pulley							1
	0413297	Screw - Brazier Head - (Attach Pulley Bracket)							1
	AN365-1032	Nut - (Attach Pulley Bracket)							1
22-42	NAS449-11	Nut - (Tinnerman A6198-8Z-3)							4
22-43	AN3-6A	Bolt - (Adjust Rudder Travel)							2
22-44	AN960-10L	Washer (Adjust Rudder Travel)							AR
22-45	AN365-1032	Nut							2
22-46	0411124-49	Skin Assembly - Aft Section Upper (Station 56.69 To 95.00)							1

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE



ILLUSTRATED PARTS CATALOG

FIGURE 22

AFT SECTION ASSEMBLY - FUSELAGE (CONTINUED)

FIGURE AND REF NO	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
22-47	0411675-49							1
22-48	0411177							1
	0411717-1							1
22-49	0412145							2
22-50	0412152-3							2
	0412144							1
22-51	0412144-1							1
	0411692							1
22-52	0411692-1							1
22-53	0412116							1
22-54	0412117							1
22-55	0411134							1
22-56	0412121-2							1
22-57	0412121-3							1
	0412001-6							1
22-58	0412512							1
22-59	0411458							1
22-60	0411458-1							1
	AN526-1032R7							2
	AN365-1032							2
22-61	0412467							1
22-62	0412132							1
22-63	AN931-3-5							1
22-64	0412112							1
22-65	0412112-3							1
22-66	0412114							2
22-67	0412513							1
22-68	AN931-3-5							1
22-69	0412114							2
22-70	0412157							2
22-71	0412142							2
22-72	0412169							1
	0412170							1
	22A17-02							2
	AN366F1032							2
22-73	0412139-1							1
22-74	0442115							1
22-75	0442112-4							1
	52-3-118							1
22-76	0442107							1
22-77	0442109-2							1
22-78	0442108-2							1
22-79	0442110-2							1
22-80	0442105-2							1
22-81	0442125							1
22-82	AN4-21A							1
22-83	AN365-428							1
22-84	0442122							1
22-85	0442124							1
22-86	0442127							1
22-87	AN3-20A							2
22-88	AN365-1032							2
22-89	0442119-1							2
22-90	0442129-1							1
22-91	0442116-1							1
22-92	0442128							1
22-93	AN6-21A							1
22-94	AN365-624							1

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

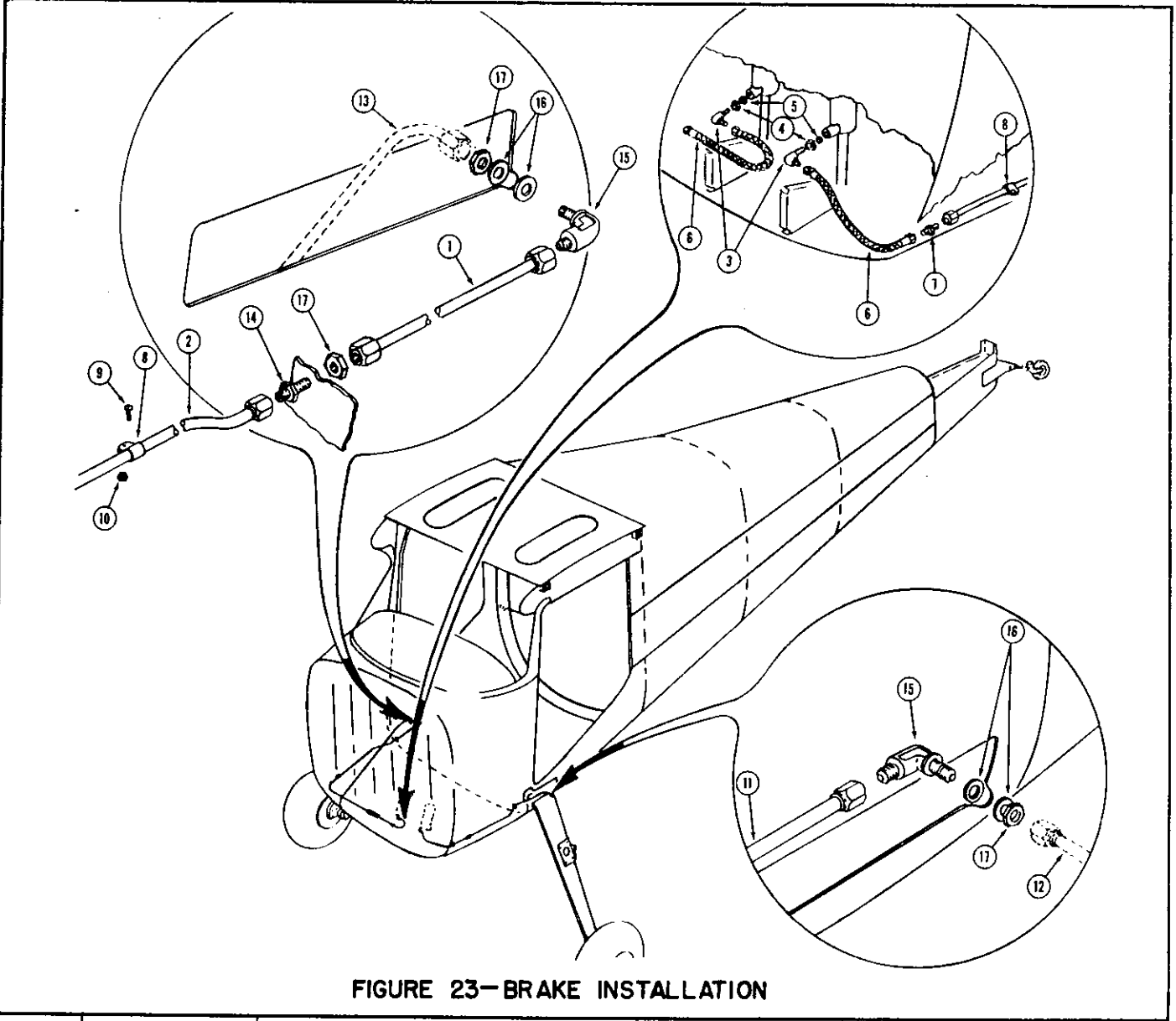


FIGURE 23—BRAKE INSTALLATION

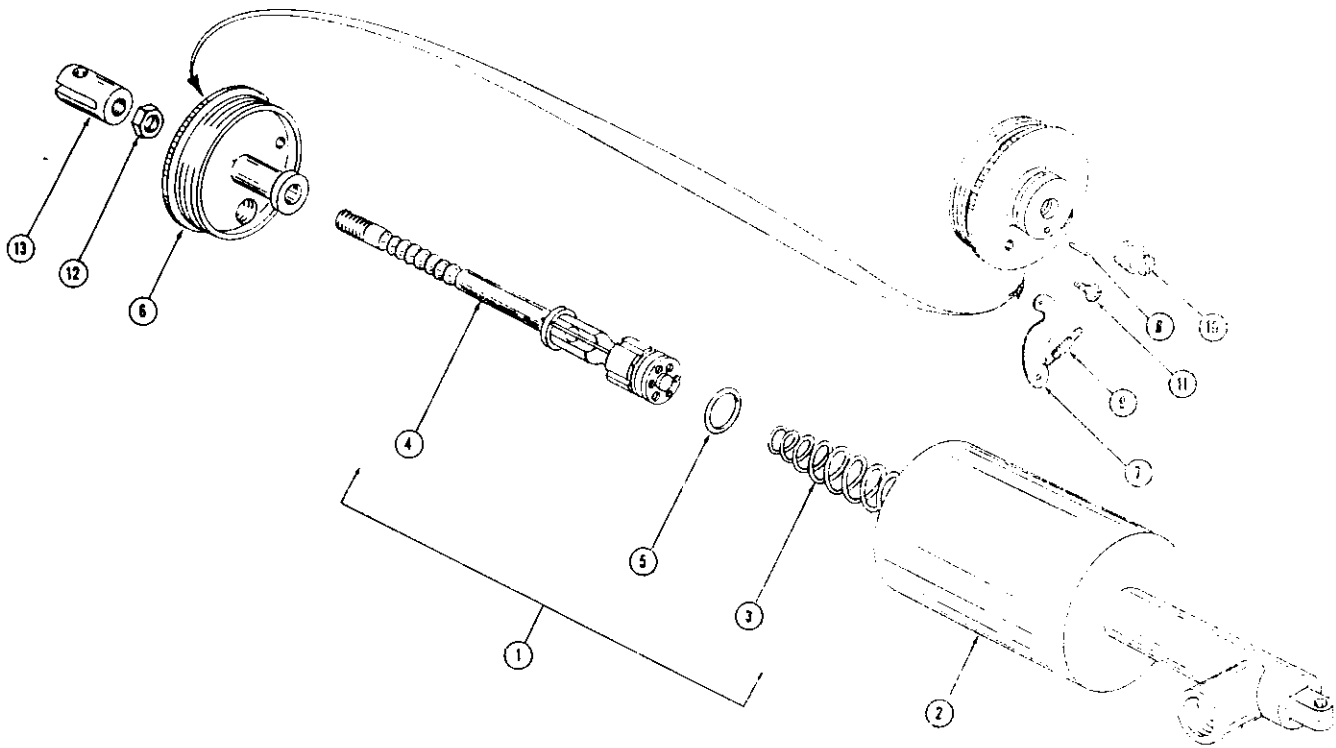
FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	0410101	Installation - Brake Lines						
23-1	0400106-30	Line Assembly - Brake - Right - (Fuselage Skin To Union)						1
23-2	0411758	Line Assembly - Brake - Right - (Union To Union)						1
23-3	AN921-4D	Elbow						2
23-4	AN924-4D	Nut						2
23-5	AN902-4	Gasket						2
23-6	AN859-4D-10	Hose Assembly						2
23-7	AN815-4D	Union						1
23-8	AN742-D6C	Clamp - Tube (Finnerman A3046A-4)						2
23-9	AN526-632R6	Screw						2
23-10	AN365-632	Nut						2
23-11	0411797	Line Assembly - Brake - Left (Flexible Tube To Bulkhead)						1
23-12	See Figure 28	Line Assembly - Landing Gear Left						1
23-13	See Figure 28	Line Assembly - Landing Gear Right						1
23-14	AN832-4D	Union						1
23-15	AN833-4D	Elbow						2
23-16	AN960-716L	Washer						4
23-17	AN924-4D	Nut						3

ORDER BY PART NUMBER AND NAME

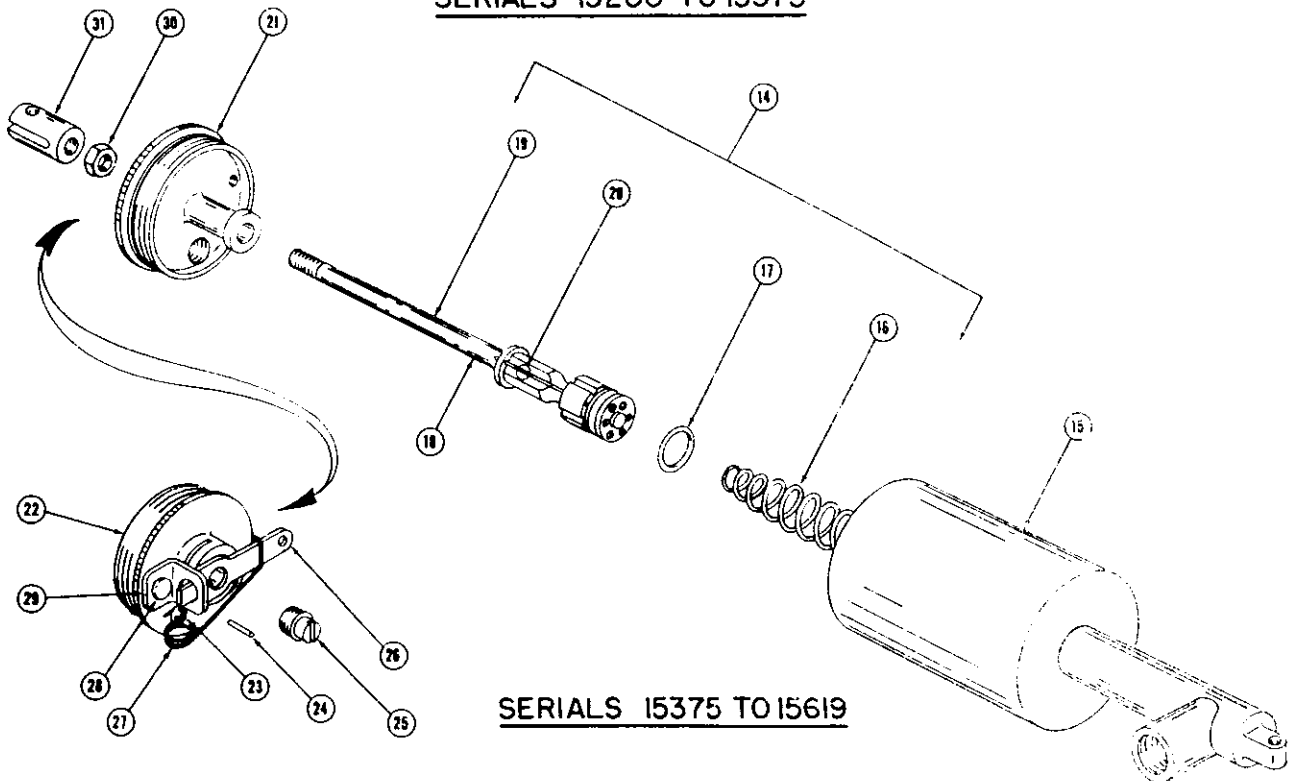
SERIAL NUMBER AND COLOR IF APPLICABLE



ILLUSTRATED PARTS CATALOG



SERIALS 15200 TO 15375



SERIALS 15375 TO 15619

SERIALS 15200 TO 15619
FIGURE 24 - MASTER CYLINDER - BRAKE

ILLUSTRATED PARTS CATALOG

FIGURE 24

MASTER CYLINDER - BRAKE SERIALS 15200 TO 15619

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
24-1	0411058	Master Cylinder - Brake (Serials 15200 To 15375)						2
24-2	0411058-2	Sub Assembly - Cylinder And Reservoir						1
24-3	0411058-3	Spring - Piston Return						1
24-4	0411058-4	Sub Assembly - Piston And Rod						1
24-5	AN6227-7	"O" Ring						1
24-6	0411058-5	Cover - Reservoir						1
24-7	0411058-6	Lever - Parking						1
24-8	0411058-7	Pin - Dowel						1
24-9	0411058-8	Spring - Tension						1
24-10	0411058-9	Plug - Plastic						1
24-11	AN530-6R4	Screw						1
24-12	AN316-412	Nut - Check						1
24-13	0411058-10	Clevis - Rod End						1
24-14	0441019	Master Cylinder - Brake L. H. (Serials 15375 To 15619)						1
	0441019-1	Master Cylinder - Brake R. H. (Serials 15375 To 15619)						1
24-15	0411058-2	Sub Assembly - Cylinder And Reservoir						1
24-16	0411058-3	Spring - Piston Return						1
24-17	AN6227-7	"O" Ring						1
24-18	0441019-2	Piston Assembly						1
24-19	0441019-6	Rod						1
24-20	AN426AD3-6	Rivet						1
24-21	0441019-3	Cover Assembly - Complete						1
	0441019-7	Cover Assembly						1
24-22	0411058-5	Cover						1
24-23	AN530-6R4	Screw						1
24-24	0411058-7	Pin - Dowel						1
24-25	0411058-9	Plug - Plastic						1
24-26	0441019-5	Lever						1
24-27	0441019-8	Spring						1
24-28	AN470AD4	Rivet						1
24-29	0441019-4	Bracket						1
24-30	AN316-412	Nut - Check						1
24-31	0411058-10	Clevis - Rod End						1
	Kit 52-3-870	Conversion Kit - Brake Cylinder And Parking Installation						1
24-26	0441019-5	Lever						2
24-27	0441019-8	Spring						2
24-28	AN470AD4	Rivet						2
24-29	0441019-4	Bracket						2
24-19	0441019-6	Rod						2
24-20	AN426AD3-6	Rivet						2
	0413186-3	Clamp (See Figure 26, Item 43)						1
	PK76XZ-8-8	Screw (See Figure 26, Item 31)						2
	NAS446-4	Nut - (Tinnerman A1778-8Z-3) (See Figure 26, Item 32)						2
	0441021	Spring (See Figure 26, Item 44)						1
	0450258	Clamp (See Figure 26, Item 45)						1
	AN500A-8-5	Screw (See Figure 26)						1
	0441020	Spring (See Figure 26, Item 46)						2

NOTE: Kit 52-3-870 Is Used To Convert 0411058 Master Cylinder To 0441019.

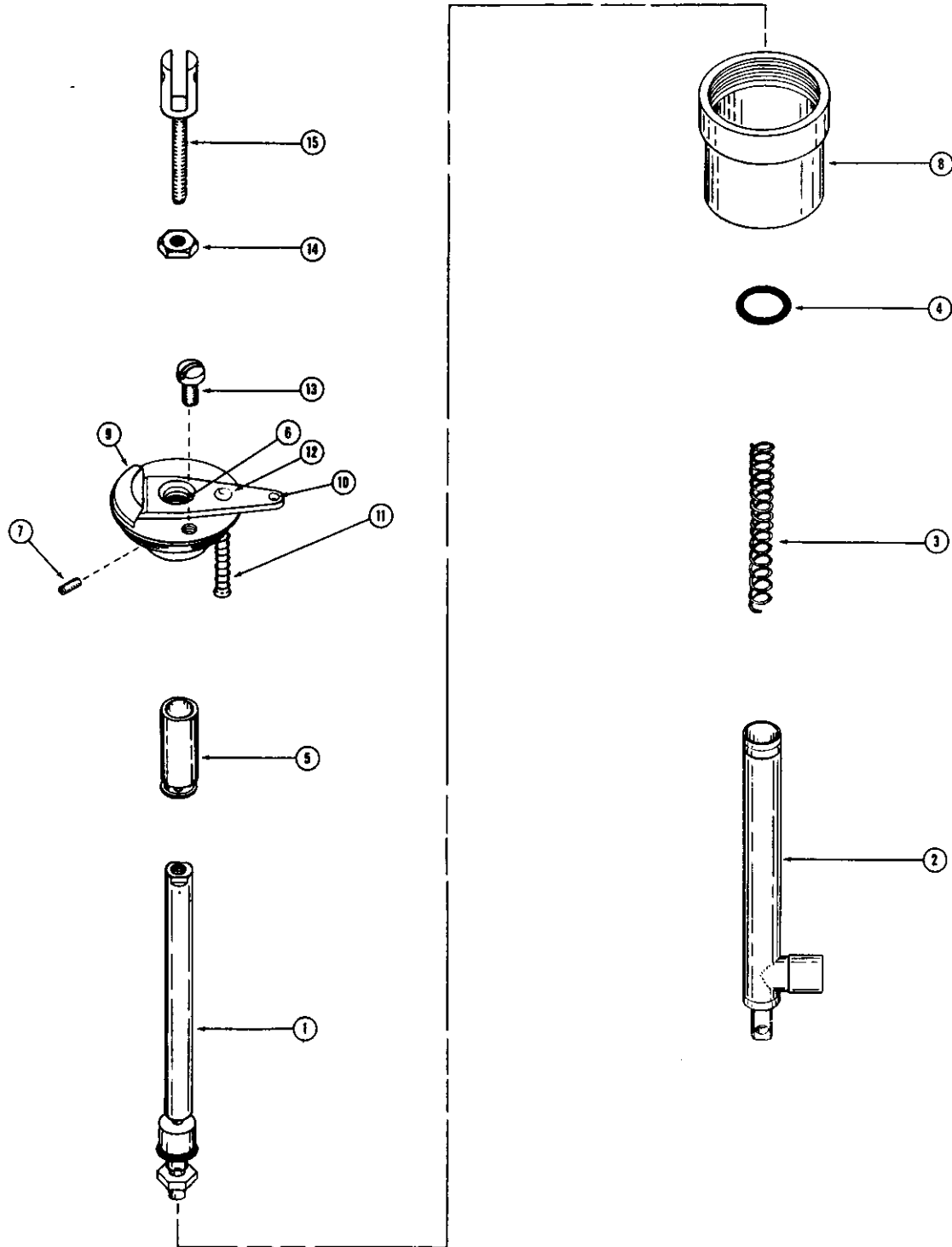


FIGURE 25—MASTER CYLINDER—BRAKE SERIALS 15619 8 ON



ILLUSTRATED PARTS CATALOG

FIGURE 25

MASTER CYLINDER - BRAKE SERIALS 15619 AND ON

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	0411302-2	Master	Cylinder	-	Brake	L. H.		1
	0411302-1	Master	Cylinder	-	Brake	R. H.		1
25-1	0411302-3	Piston Assembly						1
	0411302-13	U-Cup						1
25-2	0411302-4	Cylinder Assembly						1
25-3	0411302-9	Spring						1
25-4	0411302-14	O-Ring						1
25-5	0411302-11	Stop - Piston						1
25-6	0411302-5	Seal - Piston Stem						1
25-7	AN565D6H3	Set Screw						4
25-8	0411302-7	Reservoir						1
25-9	0411302-6	Cap - Reservoir						1
25-10	0411302-12	Lock - Parking						1
25-11	0411302-10	Spring - Parking Lock						1
25-12	AN442AD4-20	Rivet - Parking Lock						1
25-13	AN501-416-5	Screw - Filler						1
25-14	AN316-4R	Nut						1
25-15	0411302-8	Lug - Mounting						1

ORDER BY PART NUMBER AND NAME

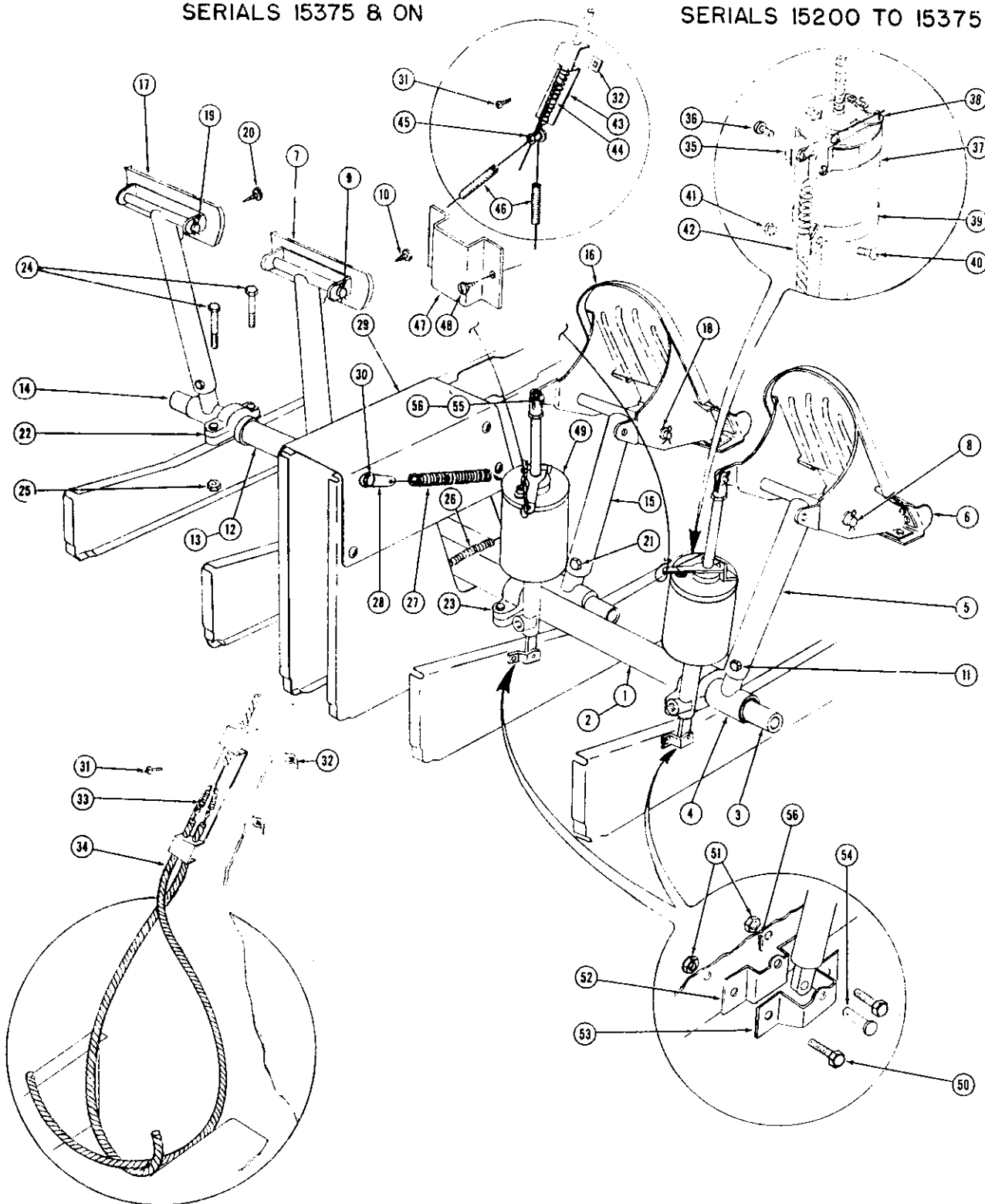
SERIAL NUMBER AND COLOR IF APPLICABLE



ILLUSTRATED PARTS CATALOG

SERIALS 15375 & ON

SERIALS 15200 TO 15375



SERIALS 15200 TO 15375

FIGURE 26—BRAKE & RUDDER PEDAL INSTALLATION



ILLUSTRATED PARTS CATALOG

FIGURE 26

BRAKE AND RUDDER PEDAL INSTALLATION

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	0411601	Pedal Installation - Rudder And Single Brake						1
26-1	0411454	Bar Assembly - Single Brake And Rudder - Left						1
	0411454-4	Tube Assembly - Rudder Bar - Left						1
26-2	0411306	Weld Assembly - Rudder Bar - Left						1
26-3	0411565	Torque Tube						1
26-4	0411548	Bearing - Rudder Bar						2
26-5	0411307	Arm - Rudder Pedal						2
	0412482	Pedal Assembly - Rudder And Brake (Effective Serial 15200 Thru 15555) (Not Available As Spares, Order 0310452)						1
26-6	0310452	Pedal Assembly - Rudder And Brake (Eff. 15556 And On)						1
26-7	0411739	Pedal Assembly - Co-Pilots Rudder						1
26-8	0411369-1	Shaft - Pilots Rudder And Brake Pedal						1
26-9	0411369-2	Shaft - Co-Pilots Rudder Pedal						1
	AN380-3-4	Pin - Cotter						4
26-10	PK76XZ-10-6	Screw						1
26-11	AN3-11A	Bolt						2
	AN365-1032	Nut						2
26-12	0411454-1	Bar Assembly - Single Brake And Rudder - Right						1
	0411454-3	Tube Assembly - Rudder Bar - Right						1
26-13	0411306-1	Weld Assembly - Rudder Bar - Right						1
26-14	0411565	Torque Tube						1
	0411548	Bearing - Rudder Bar						2
26-15	0411307	Arm - Rudder Pedal						2
	0412482	Pedal Assembly - Rudder And Brake (Effective Serial 15200 Thru 15555) (Not Available As Spares, Order 0310452)						1
26-16	0310452	Pedal Assembly - Rudder And Brake (Eff. 15556 And On)						1
26-17	0411739	Pedal Assembly - Co-Pilots Rudder						1
26-18	0411369-1	Shaft - Pilots Rudder And Brake Pedal						1
26-19	0411369-2	Shaft - Co-Pilots Rudder Pedal						1
	AN380-3-4	Pin - Cotter						4
26-20	PK76XZ-10-6	Screw						1
26-21	AN3-11A	Bolt						2
	AN365-1032	Nut						2
26-22	0411263	Bearing - Rudder Pedal - Outboard						2
26-23	0411264	Bearing - Rudder Pedal - Center						2
26-24	AN3-14A	Bolt						8
26-25	AN365-1032	Nut						8
26-26	0411837-1	Spring - Brake And Rudder Return						1
26-27	0411837-2	Spring - Brake And Rudder Return						1
26-28	0441132	Clip - Brake And Rudder Return Spring						2
26-29	0411286	Stiffener - Control Tee Bulkhead						1
26-30	AN3-3A	Bolt						10
26-31	PK76XZ-8-8	Screw - (Attach Cable Assembly)						2
26-32	NAS446-4	Nut - (Tinnerman A1778-8Z-3)						2
26-33	0411647	Spring - Parking Brake Cable Connector						2
26-34	0413187	Cable Assembly - Parking Brake						1
26-35	0411640	Clamp Assembly - Parking Brake						2
26-36	AN526-832R-8	Screw - (Attach Clamp Assembly To Brake Cylinder)						2
	AN365-832	Nut - (Attach Clamp Assembly To Brake Cylinder)						2
26-37	See Figure 24	Master Cylinder - Brake						2 Serials 15200 To 15375
26-38	0413188	Clip - Master Cylinder Connector						2
26-39	0411641	Clamp Assembly - Parking Brake Cable						2
	0411643	Clamp - Parking Brake						1
26-40	AN526-832R-10	Screw - (Attach Parking Brake Clamp)						1
26-41	AN365-832	Nut - (Attach Parking Brake Clamp)						1
26-42	AN742-D3	Clamp - Conduit - (Tinnerman A2980A-3)						1
26-43	0413186-3	Clamp - Parking Brake Control						1
26-44	0441021	Spring - Parking Brake Control Return						1
26-45	0450258	Clamp						1
	AN500A-8-5	Screw						1
26-46	0441020	Spring - Parking Lever Operating						2 Serials 15375 & ON
26-47	0441022	Guard - Parking Brake Spring						1
26-48	PK76XZ-8-6	Screw						2
	NAS446-4	Nut						2
26-49	See Figure 24	Master Cylinder - Brake						2
26-50	AN3-3A	Bolt						4
26-51	AN365-1032	Nut						4
26-52	0411549	Bracket - Brake Cylinder - Inside						2
26-53	0411550	Bracket - Brake Cylinder - Outside						2
26-54	AN393-13	Pin - Clevis						2
26-55	AN393-19	Pin - Clevis						2
26-56	AN380-2-2	Pin - Cotter						4

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

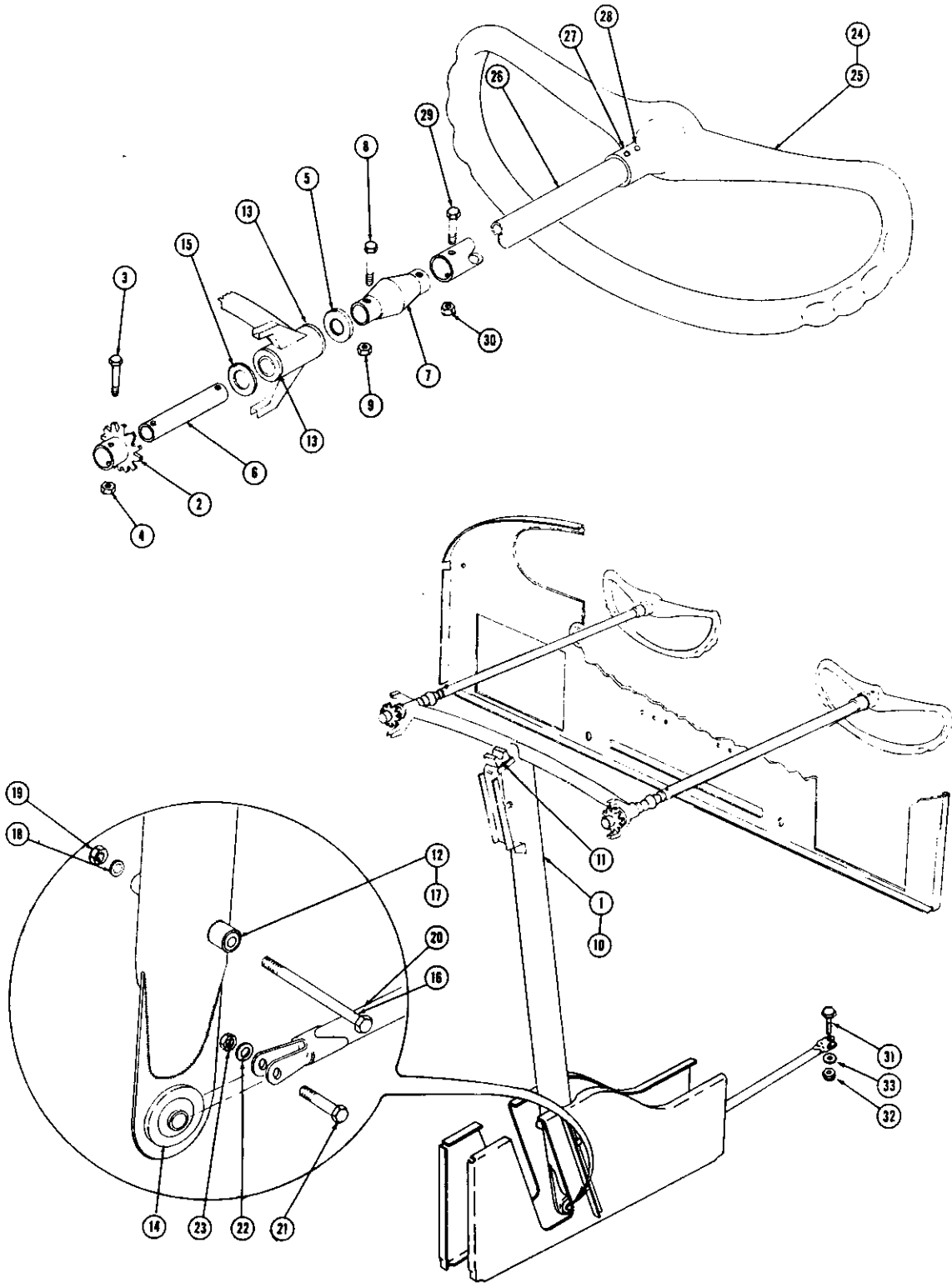


FIGURE 27 - CONTROL TEE ASSEMBLY



ILLUSTRATED PARTS CATALOG

FIGURE 27

CONTROL TEE INSTALLATION

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	0411101-3	Tee	Installation - Control					1
27-1	0411221		Assembly - Control Column					1
27-2	0411047		Sprocket - Aileron Control Chain					2
27-3	AN3-11A		Bolt					2
27-4	AN365-1032		Nut					2
27-5	0411221-2		Washer - Control Tee Column					AR
	AN960-A816L		Washer					AR
27-6	0411255		Shaft - Control Tee Column					2
27-7	0411257		Joint - Control Tee Universal					2
27-8	AN3-10A		Bolt					2
27-9	AN365-1032		Nut					2
27-10	0411326		Machining Assembly - Control Tee					1
	0411256		Weld Assembly - Control Tee					1
27-11	0411883		Fairlead - Control Tee					1
27-12	B610X		Bearing - Torrington					2
27-13	F620		Bushing - Oillite					4
27-14	AN200KS4		Bearing - Fafnir					1
27-15	AN960-816		Washer					2
27-16	AN4-31A		Bolt					1
27-17	S-18-30		Bushing					1
27-18	AN960-416L		Washer					1
27-19	AN365-428		Nut					1
27-20	0411269		Link - Elevator Control					1
27-21	AN4-10A		Bolt					1
27-22	AN960-416		Washer					1
27-23	AN365-428		Nut					1
27-24	0413016-1		Wheel Assembly - Control					2
27-25	0413016-2		Wheel - Control					1
27-26	0413213-1		Tube - Control - Chrome Plated					1
27-27	0413216		Rivet					1
27-28	0413216-1		Rivet					1
27-29	AN3-11A		Bolt					2
27-30	AN365-1032		Nut					2
27-31	AN4-10A		Bolt					1
27-32	AN365-428		Nut					1
27-33	AN960-416		Washer					1

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

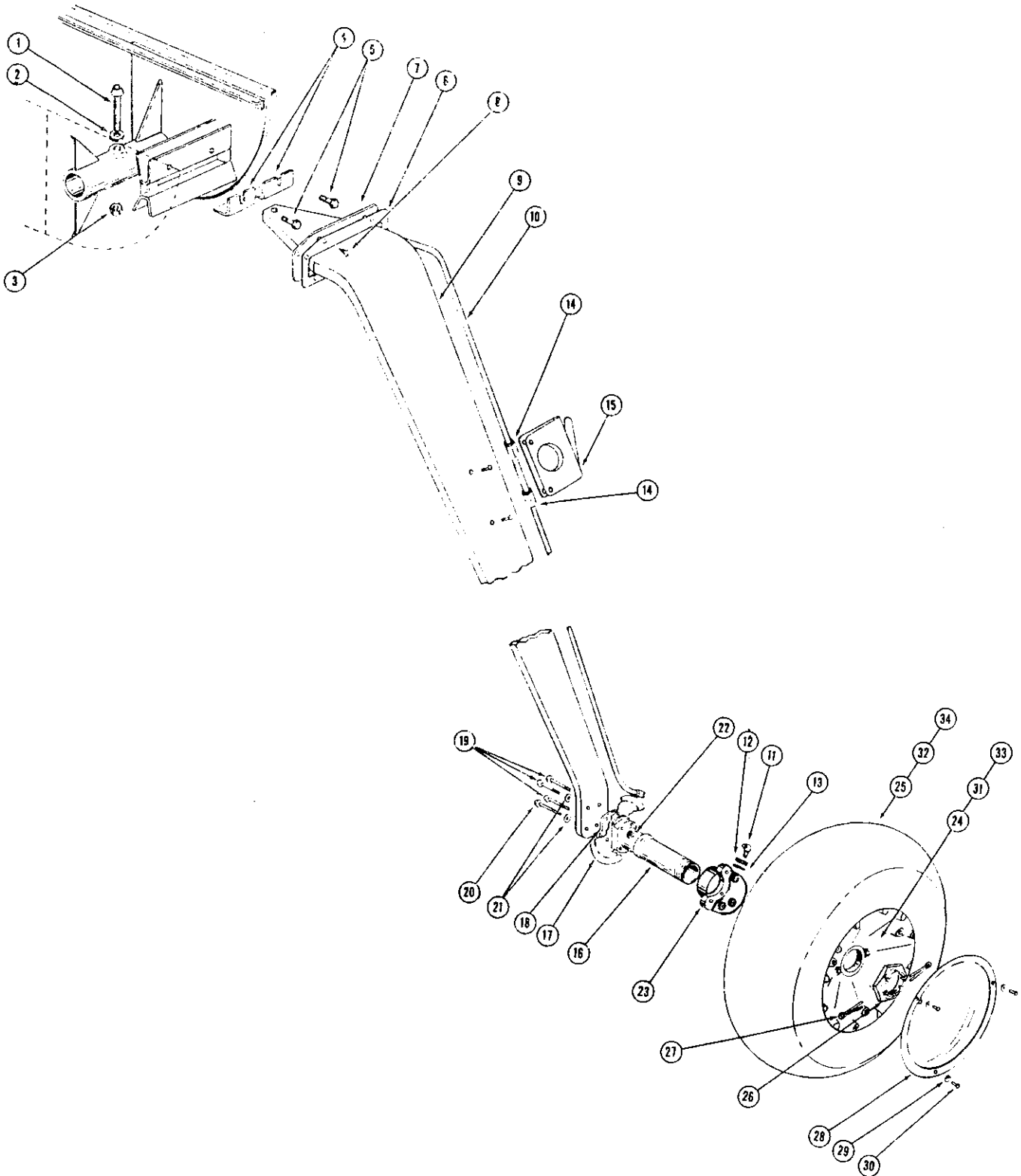


FIGURE 28-LANDING GEAR INSTALLATION

ILLUSTRATED PARTS CATALOG

FIGURE 28

LANDING GEAR INSTALLATION

FIGURE AND REF. NO	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	0441103	Installation - Main Landing Gear						1
28-1	NAS147-59	Bolt						2
28-2	NAS143-7C	Washer						2
28-3	AN365-720C	Nut - (Standard Pressed Steel)						2
28-4	0441115	Wedge - Landing Gear Support						4
28-5	AN4-5A	Bolt						4
28-6	0411762	Plate - Landing Gear Fillet - Left						1
	0411762-1	Plate - Landing Gear Fillet - Right						1
28-7	0411763	Seal - Landing Gear Fillet						2
28-8	PK76XZ-8-8	Screw - (Attach Landing Gear Fillet)						10
	0441103-4	Landing Gear Assembly - Left						1
	0441103-5	Landing Gear Assembly - Right						1
28-9	0441149	Spring - Main Landing Gear - Left						1
	0441149-1	Spring - Main Landing Gear - Right						1
28-10	0400106-48	Brake Line - Landing Gear - Left						1
	0400106-49	Brake Line - Landing Gear - Right						1
28-11	AN833-4D	Elbow						1
28-12	AN924-4D	Nut						1
28-13	AN902-4	Gasket						1
28-14	0441119	Hose - Brake Line Protector						2
28-15	0441112	Step - Main Landing Gear - Left						1
	0441112-1	Step - Main Landing Gear - Right						1
28-16	0441140	Axle - Landing Gear						1
28-17	0441141	Plate - Brake Disc Cover - Left						1
	0441141-1	Plate - Brake Disc Cover - Right						1
28-18	0441139-1	Shim - Main Landing Gear						AR
	0441139-2	Shim - Main Landing Gear						AR
28-19	AN5-22A	Bolt						AR
28-20	AN5-23A	Bolt - (Used In Lower Forward Hole Only When Both Shims Are Required)						1
28-21	AN609-516	Washer						AR
	AN960-516L	Washer						AR
28-22	AN365-524	Nut						4
28-23	See Figure 29	Brake Assembly						1
28-24	0441016	Wheel Assembly - Main Landing Gear						1
28-25	6.00 x 6	Tire - Aircraft - 4 Ply						1
	6.00 x 6	Tube - Aircraft						1
	See Figure 29	Wheel Assembly						1
28-26	AN7502-24	Nut						1
28-27	AN380-4-3	Pin - Cotter						2
28-28	0441010	Fairing - Main Landing Gear Wheel						1
28-29	AN515-6-4	Screw - (Attach Wheel Fairing)						3
28-30	AN936-A6	Washer - Lock						3
28-31	0441016-21	Wheel Assembly - Main Landing Gear (Optional) (Same as 0441016 Except						
		7.00 x 6 Tire And Tube Replace 6.00 x 6 Tire And Tube)						1
28-32	7.00 x 6	Tire - Aircraft						1
	7.00 x 6	Tube - Aircraft						1
	See Figure 29	Wheel Assembly						1
28-33	0441016-22	Wheel Assembly - Main Landing Gear (Optional) (Same As 0441016 Except						
		8.00 x 6 Tire And Tube Replace 6.00 x 6 Tire And Tube						1
28-34	8.00 x 6	Tire - Aircraft						1
	8.00 x 6	Tube - Aircraft						1
	See Figure 29	Wheel Assembly						1

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

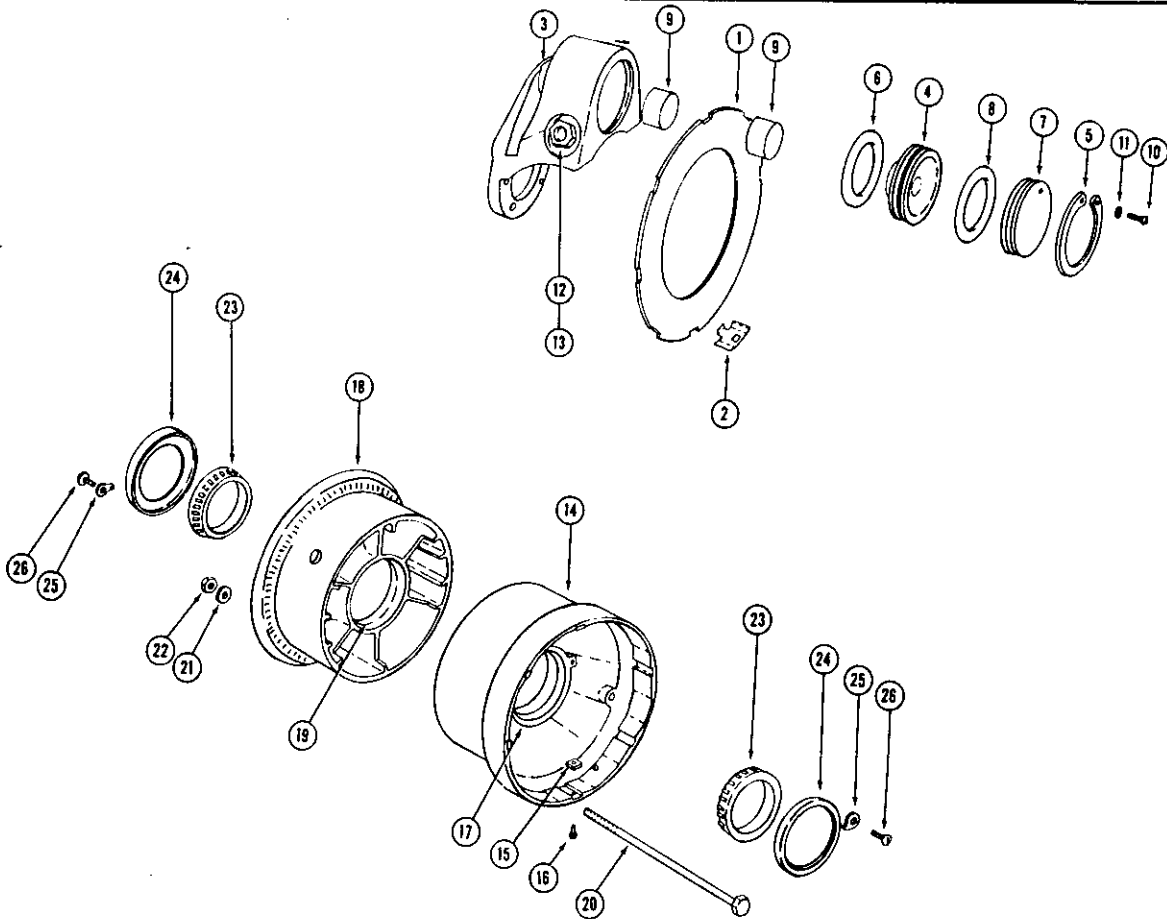


FIGURE 29—WHEEL AND BRAKE ASSEMBLY

FIGURE AND REF. NO.	PART NUMBER	PART NAME							UNITS REQ'D ON MODEL	
			1	2	3	4	5	6		
	0441137-50	Brake Assembly - Complete - (Includes Disc And Clip)								1
29-1	0441017-2	Disc - Single Disc Brake								1
29-2	0441018-1	Clip - Disc								4
	0441137	Brake Assembly - Main Landing Gear								1
29-3	0441137-2	Housing - Brake								1
29-4	0441015-3	Piston								1
29-5	NAS50-200	Lockring - Truarc								1
29-6	AN6227-29	Seal - Piston								1
29-7	0441015-4	Cylinder Head								1
29-8	AN6230-2	Seal - Cylinder Head								1
29-9	0441015-6	Lining - Brake Movable And Brake Stationary								1
29-10	AN515-10R-5	Screw - Bleeder								1
29-11	0441015-5	Washer - Fiber								1
29-12	0441015-8	Plug - Inlet								1
29-13	AN902-4	Washer - Inlet								2
	0441016-1	Wheel Assembly - Main Landing Gear								1
29-14	0441016-2	Wheel Sub Assembly - Inboard Half								1
29-15	0441016-4	Key - Disc Drive								8
29-16	0441016-5	Screw - Disc Drive								8
29-17	0441016-6	Cup - Inboard								1
29-18	0441016-7	Wheel Sub Assembly - Outboard Half								1
29-19	0441016-6	Cup - Outboard								1
29-20	AN4-47A	Bolt								3
29-21	AN960-416	Washer								3
29-22	AN365-428	Nut								3
29-23	0441016-9	Cone - Bearing								2
29-24	0441016-10	Ring - Bearing Retaining								2
29-25	0441016-11	Locking Terminals								4
29-26	0441016-15	Screw - (Attach Locking Terminals)								4

ILLUSTRATED PARTS CATALOG

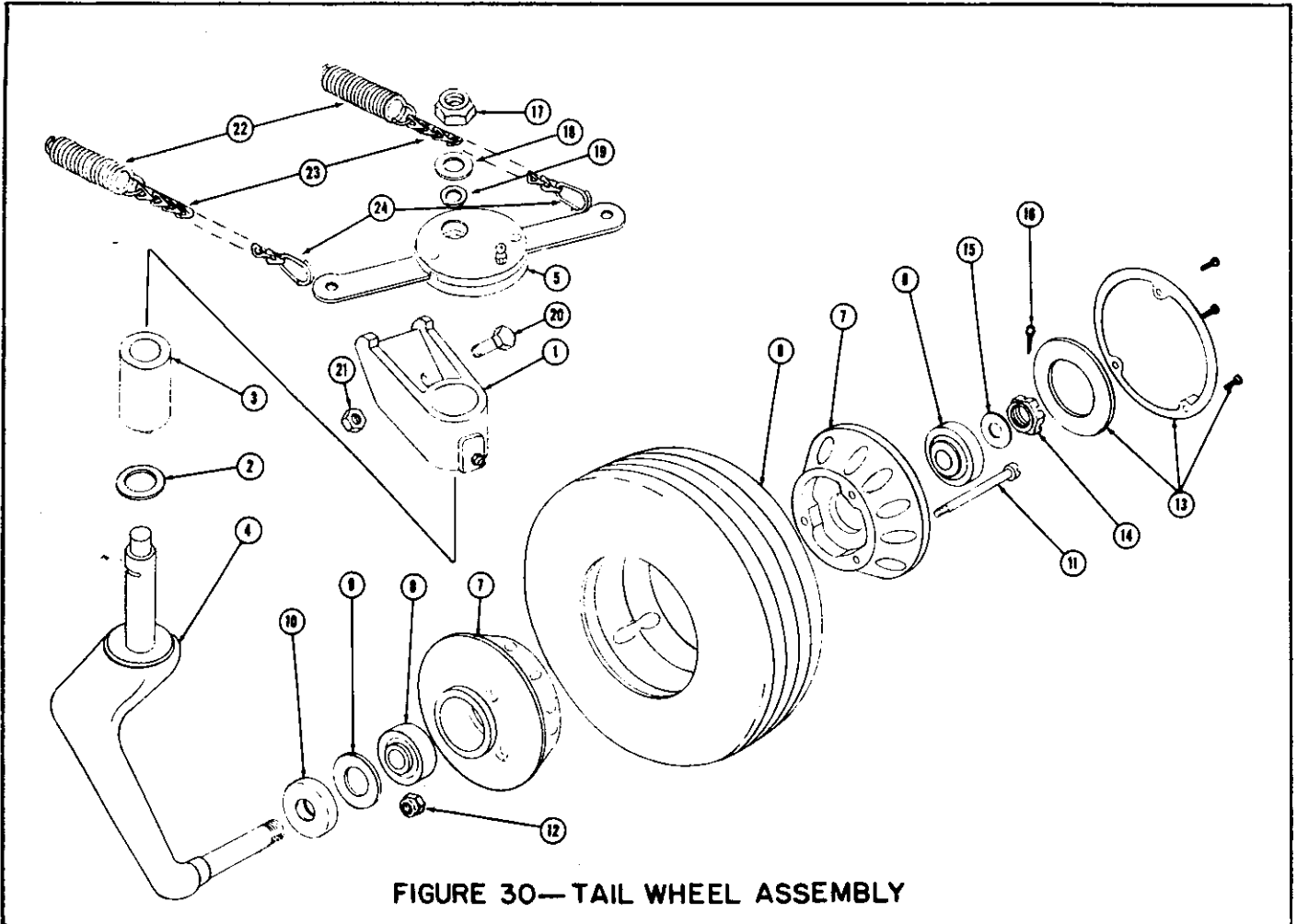


FIGURE 30—TAIL WHEEL ASSEMBLY

FIGURE AND REF. NO	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	0442006-1	Tail Wheel Assembly - Scott 3-24B						1
30-1	0442006-5	Bracket Assembly - Tail Wheel						1
30-2	0442006-7	Cap - Bushing						1
30-3	0442006-6	Bushing - Bracket - (Bronze)						1
30-4	0442006-8	Fork - Single Arm Machined						1
30-5	0442006-4	Arm And Cam Assembly - Tail Wheel						1
	0442006-19	Wheel Assembly - Cast - (With Tire And Bearing)						1
30-6	0442006-13	Tire - Tail Wheel - (6 x 2 With Tire Bead)						1
	0442006-20	Wheel Assembly - Cast - (Less Tire)						1
30-7	0442006-17	Hub - KIT						1
30-8	0442006-11	Timken Bearing Set (Includes Cup And Cone)						2
30-9	0442006-10	Spacer - Hub Bearing Grease Retainer						1
30-10	0442006-9	Retainer - Hub Bearing Grease						1
30-11	AN501-1032	Screw - Phillips Head						3
30-12	AN365-1032	Nut - Self Locking						3
30-13	0442006-18	Hub Cap Assembly - (Includes 3 Screws And Felt Grease Seal)						1
30-14	AN320-8	Nut - Shear						1
30-15	AN960-816	Washer - Plain						1
30-16	AN380-3-3	Pin - Cotter						1
30-17	AN364-720	Nut - Self Locking						1
30-18	0442006-2	Washer						1
30-19	0442006-3	Shim						1
30-20	AN7-10A	Bolt - Aircraft - (Attach Tail Wheel Assembly To Fuselage)						1
30-21	AN365-720	Nut - Self Locking - (Attach Tail Wheel Assembly To Fuselage)						1
	0442008	Spring And Connector Assembly - Tail Wheel						2
30-22	0442008-5	Spring						2
30-23	0442008-6	Chain						2
30-24	0442008-7	Clip						2

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

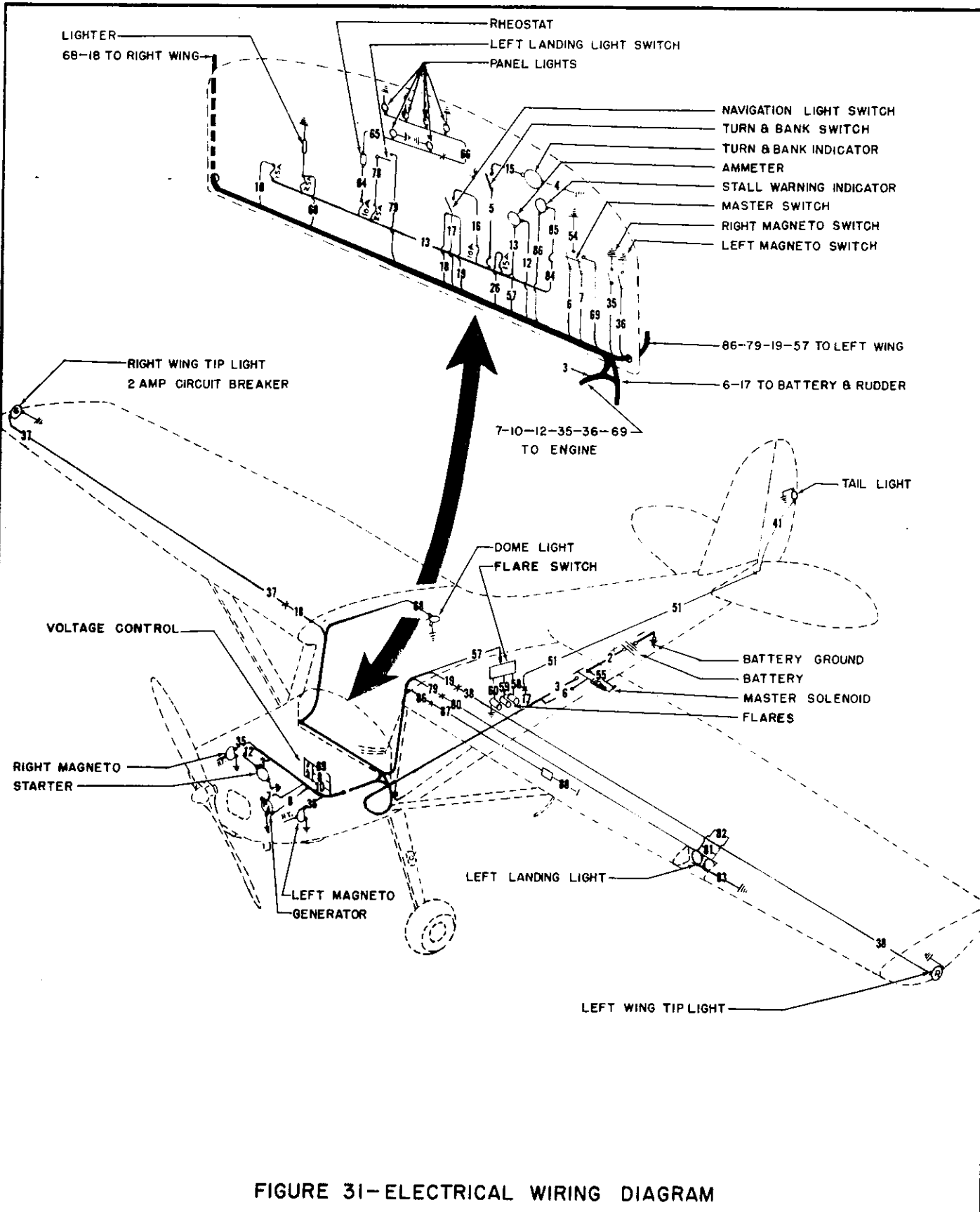


FIGURE 31-ELECTRICAL WIRING DIAGRAM



ILLUSTRATED PARTS CATALOG

FIGURE 31

ELECTRICAL WIRING DIAGRAM

FIGURE AND REF. NO	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
31-2	0400007-2	Wire Assembly - (Battery To Master Solenoid)						1
	AN659-11	Terminal						1
31-3	0400007-3	Wire Assembly - (Master Solenoid To Starter)						1
	AN659-11	Terminal						1
31-4	0400007-4	Wire Assembly - (Turn And Bank Indicator To Ground)						1
	AN659-2	Terminal						2
31-5	0400007-5	Wire Assembly - (Circuit Breaker To Turn And Bank Switch)						1
	AN659-1	Terminal						1
31-6	0400007-6	Wire Assembly - (Master Switch To Master Solenoid)						1
	AN659-1	Terminal						2
31-7	0400007-7	Wire Assembly - (Master Switch To Generator)						1
	A71	Terminal						1
31-8	0400007-8	Wire Assembly - (Generator To Voltage Control)						1
	AN659-4	Terminal						1
31-10	0400007-10	Wire Assembly - (Fuse To Voltage Control)						1
	AN659-4	Terminal						1
31-12	0400007-12	Wire Assembly - (Starter To Ammeter)						1
	AN659-5	Terminal						1
31-13	0400007-13	Wire Assembly - (Ammeter To Buss Bar)						1
	AN659-5	Terminal						1
31-15	0400007-15	Wire Assembly - (Turn And Bank To Switch)						1
	AN659-1	Terminal						1
31-16	0400007-16	Wire Assembly - (Navigation Light Switch To Fuse)						1
	AN659-1	Terminal						1
31-17	0400007-17	Wire Assembly - (Navigation Light Switch To Splice)						1
31-18	0400007-18	Wire Assembly - (Navigation Light Switch To Wing Root - Right)						1
	AN753A1	Disconnect Splice - (Male)						1
31-19	0400007-19	Wire Assembly - (Navigation Light Switch To Wing Root - Left)						1
	AN753B1	Disconnect Splice - (Female)						1
31-19	0400007-19	Wire Assembly - (Navigation Light Switch To Wing Root - Left)						1
	AN753A1	Disconnect Splice - (Male)						1
31-19	0400007-19	Wire Assembly - (Navigation Light Switch To Wing Root - Left)						1
	AN753B1	Disconnect Splice - (Female)						1
NOTE: Wires -17, -18, And -19 Are Grouped At Switch With One Terminal.								
31-35	0400007-35	Wire Assembly - (Ignition Switch To Magneto - Right)						1
	AN659-1	Terminal						1
31-36	0400007-36	Wire Assembly - (Ignition Switch To Magneto - Left)						1
	AN659-1	Terminal						1
31-51	0400007-51	Wire Assembly - (Rudder To Splice)						1
	AN753A1	Disconnect Splice - (Male)						1
31-54	0400007-54	Wire Assembly - (Master Switch To Ground)						1
	AN659-1	Terminal						1
31-55	0400007-55	Wire Assembly - (Master Solenoid Terminal Connection)						1
	AN659-2	Terminal						1
31-57	0400007-57	Wire Assembly - (Circuit Breaker To Flare Switch)						1
	A77	Terminal						1
31-58	0400007-58	Wire Assembly - (Flare Switch To Flare)						1
	AN659-2	Terminal						1
31-59	0400007-59	Wire Assembly - (Flare Switch To Flare)						1
	AN659-2	Terminal						1
31-60	0400007-60	Wire Assembly - (Flare Switch To Flare)						1
	AN659-2	Terminal						1
31-64	0400007-64	Wire - (Fuse To Rheostat)						1
31-65	0400007-65	Wire Assembly - (Resistor To Panel Lights)						1
	AN753A1	Disconnect Splice - (Male)						1
31-66	0400007-66	Wire Assembly - (Panel Lights)						1
	AN753B1	Disconnect Splice - (Female)						1
31-68	0400007-68	Wire Assembly - (Fuse To Dome Light)						1
	AN659-1	Terminal						1
31-69	0400007-69	Wire Assembly - (Voltage Control To Master Switch)						1
	AN659-1	Terminal						1
31-78	0400007-78	Wire Assembly - (Fuse To Landing Light Switch)						1
	AN659-2	Terminal						1
31-79	0400007-79	Wire Assembly - (Landing Light Switch To Wing Root)						1
	877	Terminal						1

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

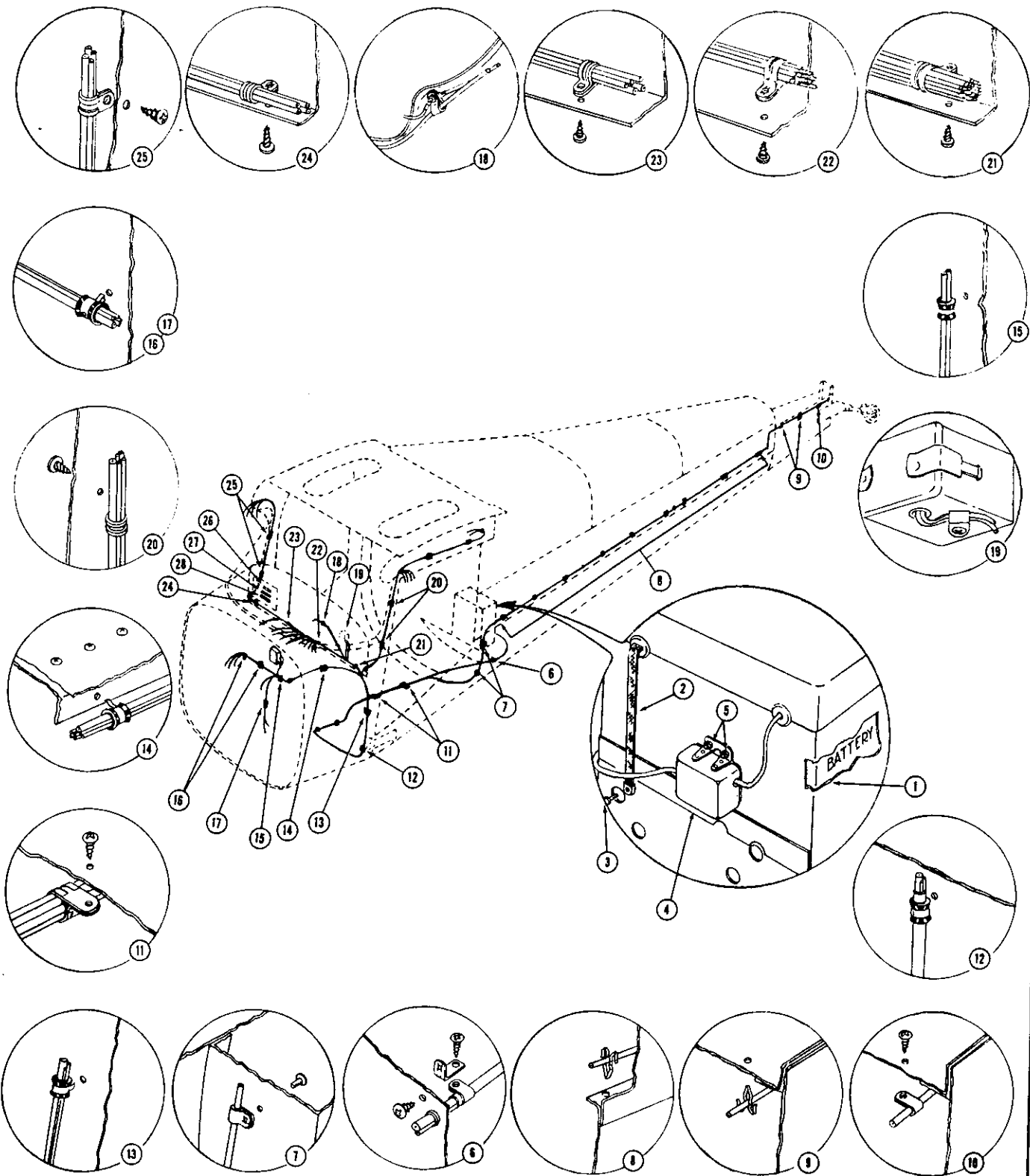


FIGURE 32--WIRING INSTALLATION - FUSELAGE



ILLUSTRATED PARTS CATALOG

FIGURE 31

ELECTRICAL WIRING DIAGRAM (CONTINUED)

FIGURE AND REF NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	B77					Terminal		1
	AN753A2					Disconnect Splice - (Male)		1
	AN753B1					Disconnect Splice - (Female)		1
31-80	See Figure 3	Wire Assembly - (Wing Root To Landing Lights)						1
	AN753A2					Disconnect Splice (Male)		1
	B77					Terminal		1
31-81	0400007-81	Wire Assembly - (Landing Light Inter Connection)						1
	B77					Terminal		2
31-82	0400007-82	Wire Assembly - (Landing Light Inter Connection)						1
	B77					Terminal		2
31-83	0400007-83	Wire Assembly - (Landing Light To Ground)						1
	B77					Terminal		2
31-84	0400007-84	Wire Assembly - (Fuse To Circuit Breaker)						1
	A77					Terminal		1
31-85	0400007-85	Wire Assembly - (Circuit Breaker To Stall Warning Indicator)						1
	A77					Terminal		1
	AN659-1					Terminal		1
31-86	0400007-86	Wire Assembly - (Stall Warning Indicator To Wing Root)						1
	AN659-1					Terminal		1
	AN753A1					Disconnect Splice - (Male)		1
	AN753B1					Disconnect Splice - (Female)		1
31-87	0400007-87	Wire Assembly - (Wing Root To Stall Warning Actuator)						1
	AN753A1					Disconnect Splice - (Male)		1
	AN659-1					Terminal		1
31-88	0400007-88	Wire Assembly - (Stall Warning Actuator To Ground)						1
	AN659-1					Terminal		1
	A77					Terminal		1

FIGURE 32

WIRING INSTALLATION - FUSELAGE

	0410005	Wiring Installation						1
32-1	0311033	Battery						1
32-2	0412007-1	Strap - Ground						1
32-3	AN4-4A	Bolt						1
	AN365-428	Nut						1
		Transflex Tubing - (1/2 Inch D.)						AR
32-4	0411021-2	Contactors - Solenoid (R-57)						1
32-5	AN3-3A	Bolt						4
	AN365-1032	Nut						4
32-6	A6436-8Z-3	Bracket - (Tinnerman)						1
	NAS434-D10	Clamp - (Tinnerman A2981A-10)						1
	PK76XZ-8-6	Screw						2
32-7	NAS434-D2	Clamp - (Tinnerman A2981A-2)						2
	PK76XZ-8-6	Screw						2
	T-118	Insulator - Sta-Kon						2
32-8	A3493-1	Clip - (Tinnerman)						9
32-9	A3493-1	Clip - (Tinnerman)						2
32-10	NAS434-D2	Clamp - (Tinnerman A2981A-2)						1
	PK76XZ-8-6	Screw						1
	T-118	Insulator - Sta-Kon						1
32-11	NAS435-D7	Clamp - (Tinnerman A3047A-7)						2
	PK76XZ-8-6	Screw						2
32-12	NAS437-3CA	Band - (United Carr 49212)						1
32-13	NAS437-2C	Band - (United Carr 49165)						1
32-14	NAS437-2C	Band - (United Carr 49165)						1
32-15	NAS437-3C	Band - (United Carr 49166)						1
32-16	NAS437-2C	Band - (United Carr 49165)						2
32-17	NAS437-1C	Band - (United Carr 49164)						1
32-18	AN742D2	Clamp - (Tinnerman A2980A-2)						1
32-19	AN742D3	Clamp - (Tinnerman A2980A-3)						1
	PK76XZ-8-6	Screw						1
	NAS446-4	Nut - (Tinnerman A1778-8Z-3)						1
32-20	NAS435-D6	Clamp - (Tinnerman A3047A-6)						2
	PK76XZ-8-6	Screw						2
	A3493-1	Clip - (Tinnerman)						2
32-21	NAS435-D7	Clamp - (Tinnerman A3047A-7)						1
	PK76XZ-8-8	Screw						1
32-22	NAS435-D8	Clamp - (Tinnerman A3047A-8)						1
	PK76XZ-8-8	Screw						1
32-23	NAS435-D6	Clamp - (Tinnerman A3047A-6)						1
	PK76XZ-8-8	Screw						1
32-24	NAS435-D5	Clamp - (Tinnerman A3047A-5)						1
	PK76XZ-8-8	Screw						1

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

FIGURE 32

WIRING INSTALLATION - PUSELAOE (CONTINUED)

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
32-25	NAS435-D4							2
	PK76X2-8-6							2
32-26	0411023-2							1
32-27	0411023-3							1
32-28	0411023-4							1

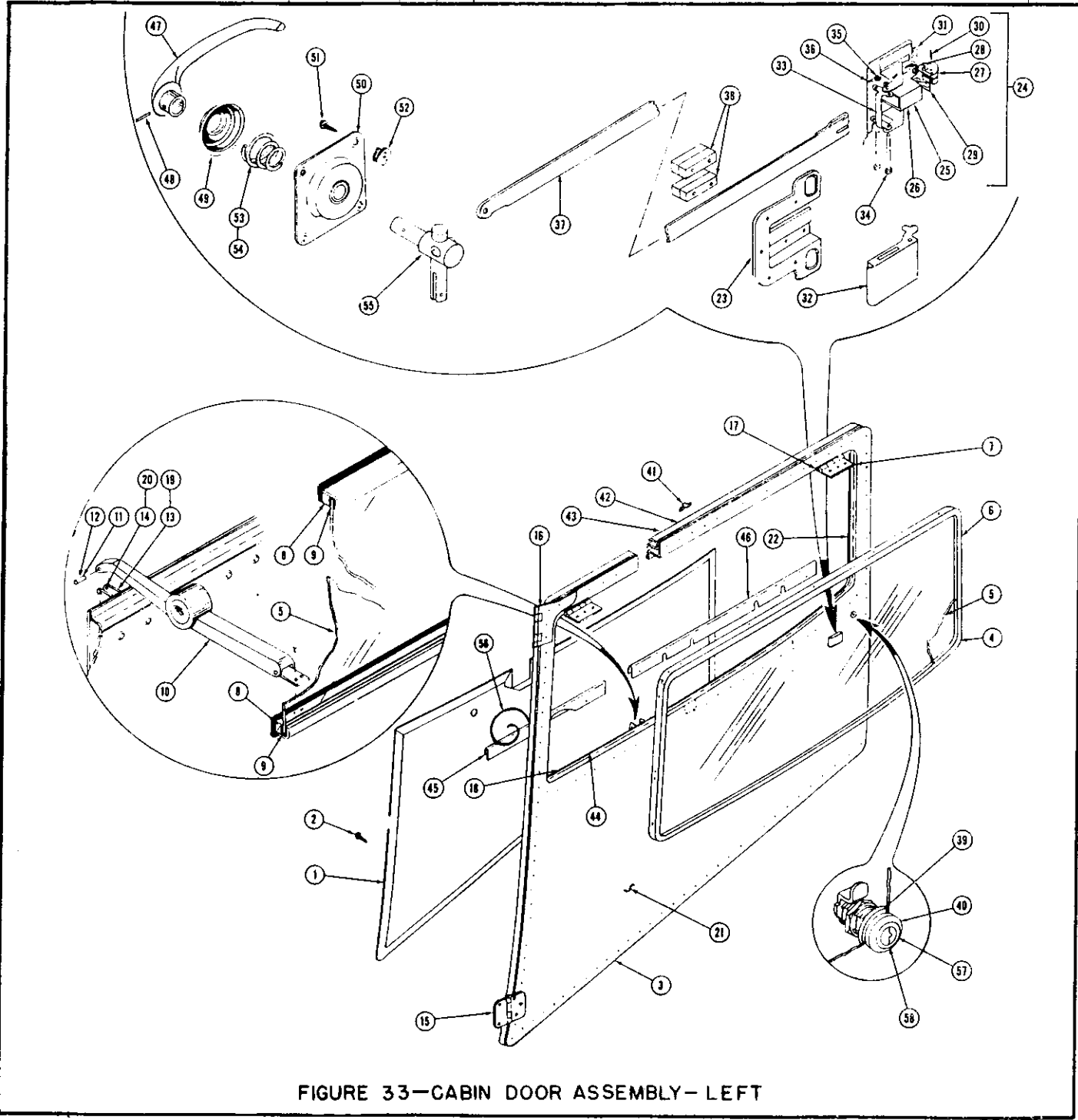


FIGURE 33-CABIN DOOR ASSEMBLY- LEFT



ILLUSTRATED PARTS CATALOG

FIGURE 33

CABIN DOOR ASSEMBLY - LEFT

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	0411639-24	Door Assembly Complete - Fuselage Left (Serials 15200 To 15375)						1
	0411639-25	Door Assembly Complete - Fuselage Left (Serials 15375 And On)						1
33-1	0411734-20	Panel Assembly - Upholstery Door						1
33-2	PK70X2-4-4	Screw - (Attach Upholstery Panel)						16
33-3	0411178-7	Door Assembly - Fuselage - Left (Serials 15200 To 15375)						1
	0411178-8	Door Assembly - Fuselage - Left (Serials 15375 And On)						1
33-4	0411181-3	Window Assembly - Door						1
33-5	0411182	Glass - Door Window - (.060 Lucite Or Plexiglas)						1
33-6	0411184-3	Frame - Door Window						1
33-7	0411185	Hinge - Door Window						2
33-8	0411711	Filler - Door Window						1
33-9	0412152-8	Moulding - Door Window						1
33-10	0411186	Latch Assembly - Window (Serials 15200 To 15383 Except 15345, 15348, 15350, 15352, 15355, 15375 To 15381) (Not Available)						1
33-11	0413148	Pin - Window Latch						1
	0413362	Latch Assembly - Window						1
33-12	0413148	Pin						1
33-13	0413366	Bracket - Left						1
33-14	0413366-1	Bracket - Right						1
33-15	0411579	Hinge - Lower						1
33-16	0411597	Hinge - Upper						1
33-17	0411459	Spacer - Window Hinge						2
33-18	0411435-8	Skin Assembly - Inner (Serials 15200 To 15375)						1
33-19	0411595	Bracket - Left						1
33-20	0411595-1	Bracket - Right						1
	0411435-10	Skin Assembly - Inner (Serials 15375 And On)						1
33-21	0411434-1	Skin Assembly - Outer						1
33-22	0411179	Pan - Window						1
33-23	0411576	Pan - Door Latch						1
33-24	0413311	Latch Assembly - Door (Serials 15200 To 15375)						1
	0413311-4	Latch Assembly - Door (Serials 15375 And On)						1
33-25	0413310	Housing Assembly - Door Latch (Serials 15200 To 15375)						1
	0413357	Housing Assembly - Door Latch (Serials 15375 And On)						1
33-26	0411558	Housing - Door Latch						1
33-27	0411552	Catch - Door Latch						1
33-28	0411554	Spring - Door Latch						1
33-29	0411555	Pull Bar - Door Latch						1
33-30	NAS41-2-500	Shaft - Door Latch						1
33-31	NAS41-3-1.125	Shaft - Door Latch						1
33-32	0411557	Handle - Door Latch						1
33-33	0411559	Spacer - Door Latch						1
33-34	AN392-53	Pin						2
33-35	AN960-4	Washer						3
33-36	AN380-2-2	Pin - Cotter						2
33-37	0411575-2	Strap - Door Latch Actuating						1
33-38	0411886	Spacer - Door Latch Pan						2
33-39	0411851	Washer - Door Lock (Serials 15200 To 15496)						1
33-40	0411821-3	Lock Assembly - Door (Serials 15200 To 15496)						1
	0413323	Lock Assembly - Door (Serials 15496 And On)						1
33-41	A1663-017-1	Nut - Tinnerman Spring						1
33-42	0413271-1	Angle - Seal Retaining - Rear - Upper						1
	0413271-3	Angle - Seal Retaining - Rear - Lower						1
	0413271-4	Angle - Seal Retaining - Bottom - Aft						1
	0413271-5	Angle - Seal Retaining - Bottom - Forward						1
	0413271-7	Angle - Seal Retaining - Front						1
	0413271-9	Angle - Seal Retaining - Top						1
33-43	0413358-1	Retainer - Weatherstrip - Door - Rear - Upper						1
	0413358-4	Retainer - Weatherstrip - Door - Rear - Lower						1
	0413358-5	Retainer - Weatherstrip - Door - Bottom - Aft						1
	0413358-6	Retainer - Weatherstrip - Door - Bottom - Forward						1
	0413358-8	Retainer - Weatherstrip - Door - Front						1
	0413358-10	Retainer - Weatherstrip - Door - Top						1
33-44	0411639-23	Weatherstrip - Door (Serials 15200 To 15375)						1
	0411639-26	Weatherstrip - Door (Serials 15375 And On)						1
33-45	0411731	Channel - Interior Trim Left Door Forward						1
33-46	0411729	Channel - Interior Trim Left Door Rear						1
33-47	0413198	Handle - Door						1
33-48	0411541	Pin - Door Handle Retaining						1
33-49	0413197	Escutcheon - Door Handle						1
33-50	0413195	Plate Assembly - Door Handle Bearing						1
33-51	PK79X2-6-6	Screw						4
33-52	NAS396-1A3	Nut - (Tinnerman A1932-6Z-3)						4
33-53	0413317	Spring - Door Inside						1
33-54	0413196	Shaft Assembly - Door Handle Left						1

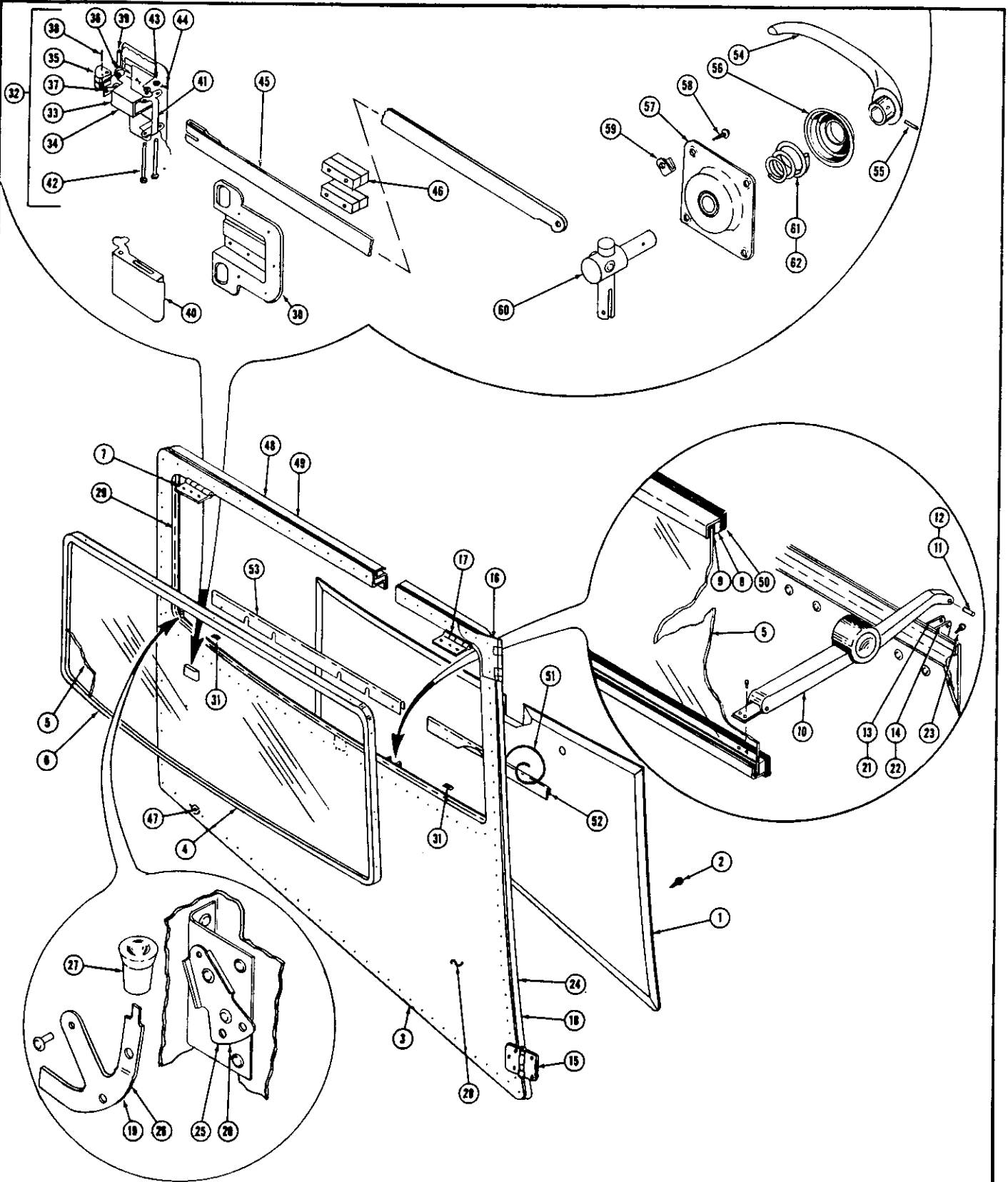


FIGURE 34—CABIN DOOR ASSEMBLY—RIGHT

ILLUSTRATED PARTS CATALOG

FIGURE 33

CABIN DOOR ASSEMBLY - LEFT (CONTINUED)

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
33-55	0411639-3						Weatherstrip - (77" Long)	1
33-56	0411821-50						Lock Assembly - Door (Special Spares Assembly Including Matching Tumbler For Ignition Lock) (Serials 15200 To 15496)	1
33-57	0413323-50						Lock Assembly - Door (Special Spares Assembly Including Matching Tumbler For Ignition Lock) (Serials 15496 And On)	1

FIGURE 34

CABIN DOOR ASSEMBLY - RIGHT

	0411637-22						Door Assembly Complete - Fuselage Right (Serials 15200 To 15375)	1
	0411637-23						Door Assembly Complete - Fuselage Right (Serials 15375 And On)	1
34-1	0411734-27						Panel Assembly - Upholstery Door	1
34-2	PK76XZ-4-4						Screw - (Attach Upholstery Panel)	16
34-3	0411610-8						Door Assembly - Fuselage Right (Serials 15200 To 15375)	1
	0411610-9						Door Assembly - Fuselage Right (Serials 15375 And On)	1
34-4	0411181-1						Window Assembly - Door	1
34-5	0411182						Glass - Door Window - (.061 Lucite Or Plexiglas)	1
34-6	0411184-1						Frame - Door Window	1
34-7	0411185						Hinge - Door Window	2
34-8	0411711						Filler - Door Window	1
34-9	0412152-8						Moulding - Door Window	1
34-10	0411186						Latch Assembly - Window (Serial 15200 To 15383 Except 15345, 15348, 15350, 15352, 15355, 15375 To 15381)	1
34-11	0413148						Pin - Window Latch	1
	0413362						Latch Assembly - Window	1
34-12	0413148						Pin	} (Serials 15345, 15348, 15350, 15352, 15355, 15375 To 15381, 15383 And On)
34-13	0413366						Bracket - Left	
34-14	0413366-1						Bracket - Right	1
34-15	0411579						Hinge - Lower	1
34-16	0411597-1						Hinge - Upper	1
34-17	0411459						Spacer - Window Hinge	2
34-18	0411435-7						Skin Assembly - Inner (Serials 15200 To 15375)	1
34-19	0413133						Bolt	1
34-20	0413134						Stop	1
34-21	0411595						Bracket - Left (Serials 15200 To 15375)	1
34-22	0411595-1						Bracket - Right (Serials 15200 To 15375)	1
34-23	AN530-QR4						Screw - (Serials 14365 And On)	2
34-24	0411435-9						Skin Assembly - Inner (Serials 15375 And On)	1
34-25	0413134						Stop	1
34-26	0413133-1						Bolt - Thumb Latch	1
34-27	0411092						Knob	1
34-28	0411612-1						Skin Assembly - Outer	1
34-29	0411179-3						Panel - Window	1
34-30	0411576						Panel - Latch	1
34-31	NAS444-5						Nut - (Tinnerman A6195-8Z-3)	2
34-32	0413311-1						Latch Assembly - Door (Serials 15200 To 15375)	1
	0413311-5						Latch Assembly (Serials 15375 And On)	1
34-33	0413310-1						Housing - Assembly - Door Latch (Serials 15200 To 15375)	1
	0413357-1						Housing - Assembly - Door Latch (Serials 15375 And On)	1
34-34	0411558						Housing - Door Latch	1
34-35	0411552						Catch - Door Latch	1
34-36	0411554						Spring - Door Latch	1
34-37	0411555						Pull Bar - Door Latch	1
34-38	NAS41-Z-500						Shaft - Door Latch	1
34-39	NAS41-3-1.125						Shaft - Door Latch	1
34-40	0411557						Handle - Door Latch	1
34-41	0411559						Spacer - Door Latch	1
34-42	AN392-53						Pin	2
34-43	AN960-4						Washer	3
34-44	AN380-2-2						Pin - Cotter	2
34-45	0411575-2						Strap - Door Latch Actuating	1
34-46	0411886						Spacer - Door Latch Pan	2
34-47	A1663-017-1						Nut - Tinnerman Spring	2
34-48	0413271-2						Angle - Seal Retaining - Rear Upper	} (Serials 15200 To 15375)
	0413271-3						Angle - Seal Retaining - Rear Lower	
	0413271-4						Angle - Seal Retaining - Bottom Aft	
	0413271-6						Angle - Seal Retaining - Bottom Forward	
	0413271-8						Angle - Seal Retaining - Front	
	0413271-10						Angle - Seal Retaining - Top	
34-49	0413358-2						Retainer - Weatherstrip - Door - Rear Upper	} (Serials 15375 & On)
	0413358-3						Retainer - Weatherstrip - Door - Rear Lower	
	0413358-5						Retainer - Weatherstrip - Door - Bottom Aft	
	0413358-7						Retainer - Weatherstrip - Door - Bottom Forward	
	0413358-9						Retainer - Weatherstrip - Door - Front	

ILLUSTRATED PARTS CATALOG

FIGURE 34

CABIN DOOR ASSEMBLY - RIGHT (CONTINUED)

FIGURE AND REF. NO	PART NUMBER	PART NAME							UNITS REQ'D ON MODEL
			1	2	3	4	5	6	
	0413358-11	Retainer - Weatherstrip - Door - Top (Serials 15375 And On)							1
34-50	0411610-4	Weatherstrip - Shur Stik #4635							1
34-51	0411637-21	Weatherstrip - Door (Serials 15200 To 15375)							1
	0411637-24	Weatherstrip - Door (Serials 15375 And On)							1
34-52	0411729-5	Channel - Interior Trim Right Door Forward							1
34-53	0411731-5	Channel - Interior Trim Right Door Rear							1
34-54	0413198	Handle - Door							1
34-55	0411541	Pin - Door Handle Retaining							1
34-56	0413197	Escutcheon - Door Handle							1
34-57	0413195	Plate Assembly - Door Handle Bearing							1
34-58	PK79XZ-6-6	Screw							4
34-59	NAS396-1A3	Nut - (Tinnerman A1932-6Z-3)							4
34-60	0413196	Shaft Assembly - Door Handle - Right							1
34-61	0413317	Spring - Door Inside							1

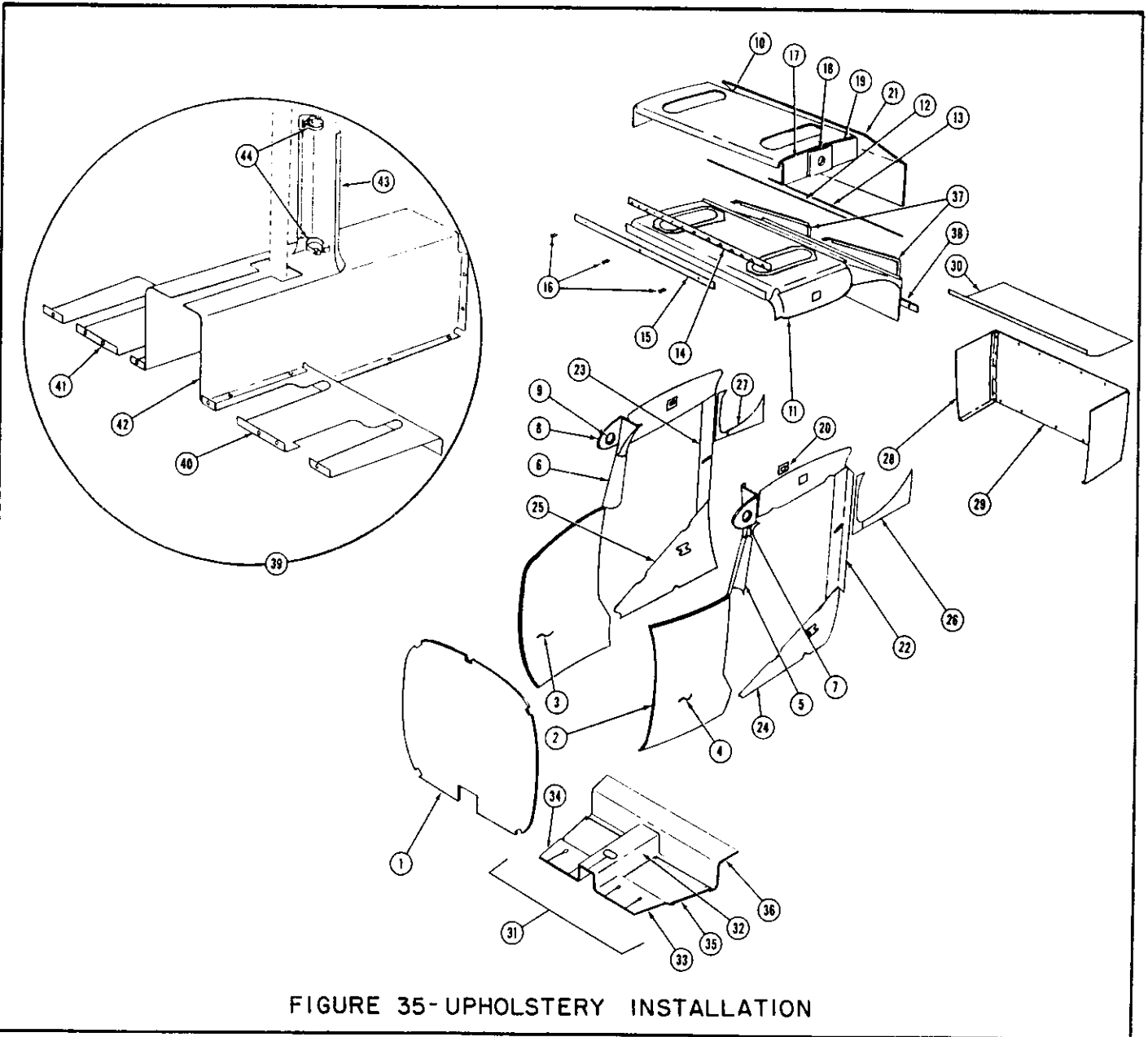


FIGURE 35-UPHOLSTERY INSTALLATION

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

FIGURE 35

UPHOLSTERY INSTALLATION

FIGURE AND REF NO	PART NUMBER	PART NAME							UNITS REQ'D ON MODEL
			1	2	3	4	5	6	
	0411909	Upholstery Installation (Reference Only)							
35-1	0411710-8	Panel Assembly - Firewall							1
35-2	0411709-13	Panel Assembly - Cabin Forward - Left							1
35-3	0411709-17	Panel Assembly - Cabin Forward - Right							1
35-4	0411911-2	Panel - Cowl Side Soundproofing							2
35-5	0411893	Trim - Door Post - Left							1
35-6	0411893-1	Trim - Door Post - Right							1
	PK75XZ-6-6	Screw - (Attach Door Post Trim)							4
35-7	0411908	Shield Assembly - Left							1
35-8	0411908-1	Shield Assembly - Right							1
35-9	0413235	Grommet							2
	PK75XZ-6-6	Screw - (Attach Shield Assemblies)							4
35-10	0411911-3	Panel - Top Soundproofing							1
35-11	0411910	Headlining Assembly							1
35-12	0411909-3	Wire - #10 GA. x 33 Inches							1
35-13	0411909-4	Wire - #10 GA. x 34 Inches							1
	PK76XZ-4-4	Screw - (Attach Headliner Assembly)							4
35-14	0412496	Strip - Fabric Attachment							1
	PK76XZ-4-4	Screw - (Attach Strip)							4
35-15	0412495	Strip - Fabric Cover							1
35-16	49265	Plug Button - (United Carr)							3
35-17	0411911-4	Panel - Forward Side							2
35-18	0411911-6	Filler - Soundproofing							2
35-19	0411911-5	Panel - Aft Side Soundproofing							2
35-20	0413265	Plate - Fuel Gauge Trim							2
35-21	0411911-7	Panel - Soundproofing							1
35-22	0411698	Panel Assembly - Door Jamb Rear - Left							1
35-23	0411698-1	Panel Assembly - Door Jamb Rear - Right							1
	PK78XZ-4-5	Screw - (Attach Rear Door Jamb Panels)							12
	7135	Washer - (Au-ve-Co Finishing)							12
35-24	0411700	Panel - Door Jamb Lower - Left							1
35-25	0411700-1	Panel - Door Jamb Lower - Right							1
35-26	0411913	Panel Assembly - Rear Window - Left							1
35-27	0411913-1	Panel Assembly - Rear Window - Right							1
35-28	0411708-12	Wall Assembly - Baggage Compartment - Right							1
	PK76XZ-4-4	Screw - (Attach Wall Assembly To Rear Window Panel Right)							6
35-29	0411708-9	Wall Assembly - Baggage Compartment - (Left And Rear)							1
	PK76XZ-4-4	Screw - (Attach Wall Assembly To Rear Window Panel Left)							6
	PK78XZ-4-5	Screw - (Attach Baggage Compartment Wall Panels To Floor Assembly)							8
	7135	Washer - (Au-ve-Co Finishing)							8
35-30	0411733	Shelf Assembly - Baggage Compartment							1
	PK85XA-4-10	Screw - (Attach Shelf Assembly)							3
	NAS446-1	Nut - (Tinnerman A1776-42-1)							3
35-31	0411912-11	Spares Assembly - Floormat And Tunnel							1
35-32	0411912-5	Carpet - Tunnel							1
	0411912	Floormat And Tunnel Kit							1
35-33	0411912-2	Carpet - Front Left							1
35-34	0411912-3	Carpet - Front Right							1
35-35	0411912-6	Scuff Plate Assembly							2
35-36	0411912-8	Carpet Assembly - Aft							1
	PK76XZ-8-8	Screw							8
	0511001-124	Shield - Soundproofing - Tunnel Top							2
35-37	0411695	Channel Assembly - Interior Trim Support							2
	0411680	Hanger - Interior Trim							1
	PK76XZ-8-6	Screw - (Attach Channel Assembly)							2
35-38	0411683	Support Assembly - Interior Trim							1
	AN227-13B	Stud - Snap Fastener							7
	AN227-14B	Eyelet - Snap Fastener							7
35-39	0411991	Shield Installation - Dual Brake Front Floorboard (Reference Only)							
35-40	0411599	Shield - Rudder Bar - Left							1
35-41	0411836	Shield - Rudder Bar - Right							1
35-42	0411912-4	Shield Assembly - Floorboard Center							1
	PK76XZ-8Z-3	Screw - (Attach Shield Assemblies)							31
	A1737-8Z-3	Nut - (Attach Shield Assemblies)							12
35-43	0411293	Shield Assembly - Control Tee							1
35-44	0411840	Clamp							2
	AN526-1032A-36	Screw							2

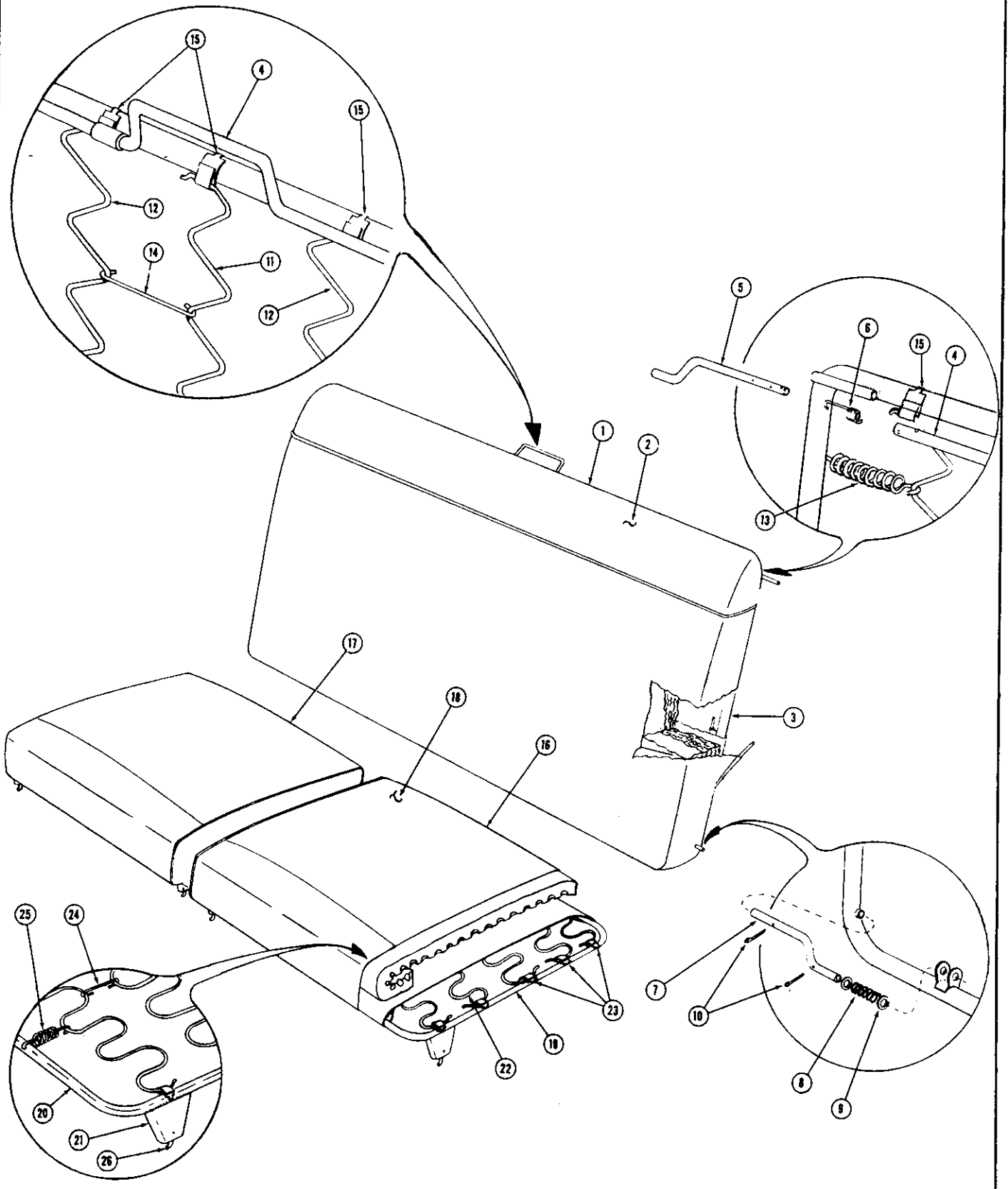


FIGURE 36—SEAT BACK AND CUSHION

ILLUSTRATED PARTS CATALOG

FIGURE 36

SEAT BACK AND CUSHION

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
36-1	0411735-18	Back Assembly - Seat - Upholstered						1
36-2	0411735-12	Cover Assembly						1
	7435	Hog Rings - (Attach Cover Assembly)						18
	0411200	Back Assembly - Seat (Not Upholstered)						1
36-3	0411199	Frame Assembly - Seat Back						1
36-4	0411623	Latch - Seat						1
36-5	0411629	Latch Arm - Seat Back						2
36-6	0411333	Spring - Seat Latch Operating - Left						1
	0411333-1	Spring - Seat Latch Operating - Right						1
36-7	0411631	Pin - Seat Back						1
36-8	0411818	Spring - (Seat Pin)						1
36-9	AN960-416L	Washer						1
36-10	AN380-2-2	Pin - Cotter						2
36-11	0411200-4	Spring - (No-Sag)						1
36-12	0411200-2	Spring - (No-Sag)						6
36-13	0411200-5	Spring - Extension						4
36-14	0411200-6	Connector - (No-Sag)						12
36-15	0413214	Clip - (Attach Spring To Frame)						14
36-16	0411793-22	Cushion Assembly - Seat Bottom - Left						1
36-17	0411793-23	Cushion Assembly - Seat Bottom - Right						1
36-18	0411793-24	Cover Assembly						1
36-19	0411794	Frame Assembly - Seat Cushion - Left						1
	0411794-1	Frame Assembly - Seat Cushion - Right						1
36-20	0411795	Frame - Seat Cushion - Left						1
	0411795-1	Frame - Seat Cushion - Right						1
36-21	0411796	Bracket - Seat Support - Left						1
	0411796-1	Bracket - Seat Support - Right						1
36-22	0411794-3	Spring - Guide No-Sag						5
36-23	0413214	Clip - (Attach Spring To Frame)						10
36-24	0411794-6	Connecting Link - No Sag						8
36-25	0411794-5	Spring - No-Sag Extension - 1 1/2 Inches						4
36-26	0411794-4	Pin - Seat Frame Front						2

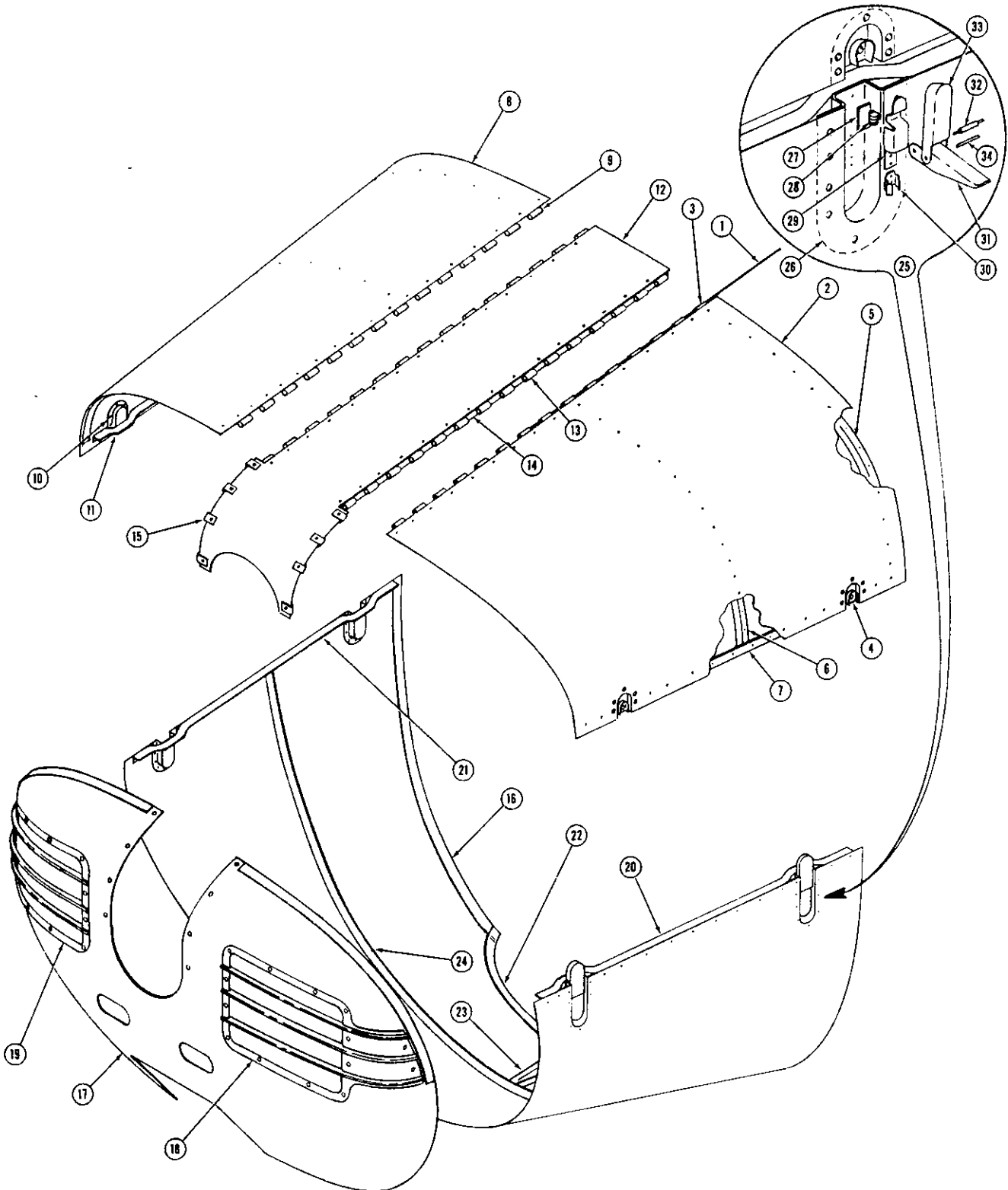


FIGURE 37—COWL ASSEMBLY—ENGINE

ILLUSTRATED PARTS CATALOG

FIGURE 37

COWL ASSEMBLY - ENGINE

FIGURE AND REF NO	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	0452173-48	Cowl Assembly - Engine Complete						1
37-1	NAS41-2-24,687	Pin - Hinge Cowl						2
37-2	0452175	Hood Assembly - Cowl - Left						1
37-3	0452188	Hinge Half - Cowl Hood						1
37-4	0452108	Catch Assembly - Cowl Fastener						2
	0452122	Plate - Cowl Fastener Catch						1
	0452123	Hook - Cowl Fastener Catch						1
37-5	0452179	Doublers - Hood Rear						1
37-6	0452177	Doublers - Hood Center						1
	0450319	Decal - Muffler Inspection						1
37-7	0452171	Parting Angle - Hood						1
37-8	0452161	Hood Assembly - Cowl - Right						1
37-9	0452188	Hinge Half - Cowl Hood						1
37-10	0452108	Catch Assembly - Cowl Fastener						2
	0452122	Plate - Cowl Fastener Catch						1
	0452123	Hook - Cowl Fastener Catch						1
	0452179-1	Doublers - Hood Rear						1
	0452177-1	Doublers - Hood Center						1
37-11	0452172	Parting Angle - Hood						1
37-12	0452187	Support Assembly - Upper Cowl Center						1
37-13	0452188	Hinge Half - Cowl Hood						2
37-14	0452180	Angle - Center Support						2
37-15	NAS395-14-3	Nut - (Tinnerman A1274-8Z-3)						8
	PK76XZ-8-8	Screw - (Attach Center Support To Lower Cowl)						8
37-16	0452163-48	Cowl Assembly - Lower						1
37-17	0452184-48	Cowl Assembly - Nose						1
37-18	0452207	Grill - Cowl Nose - Left						1
37-19	0452207-1	Grill - Cowl Nose - Right						1
	0452183-6	Lower Cowl Assembly - (Special Spares Assembly Does Not Include Nose Assembly)						1
37-20	0452169	Angle - Cowl Parting - Left						1
37-21	0452170	Angle - Cowl Parting - Right						1
37-22	0452192	Doublers - Lower Cowl Center						1
37-23	0452208	Doublers - Lower Cowl Bottom						1
37-24	0452197	Channel - Lower Cowl						1
37-25	0452119	Latch Assembly - Cowl Fastener						4
37-26	0452109	Recess - Cowl Latch						1
37-27	0452121	Shim - Cowl Latch						1
37-28	0452115	Spring - Cowl Fastener						1
37-29	0452113	Housing - Latch Spring						1
37-30	0452111	Clip - Latch Lever						1
37-31	0452110	Lever - Cowl Latch						1
37-32	0452112	Pin - Latch Lever						1
37-33	0452114	Hook - Cowl Latch						1
37-34	0452120	Pin - Latch Hook						1
	PK76XZ-8-8	Screw - (Attach Cowl Assembly To Fuselage)						24
	NAS446-4	Nut - (Tinnerman A1778-8Z-3)						4

SEE ENGINE CATALOG
FOR PARTS MARKED ★
AND FOR ENGINE ACCESSORIES

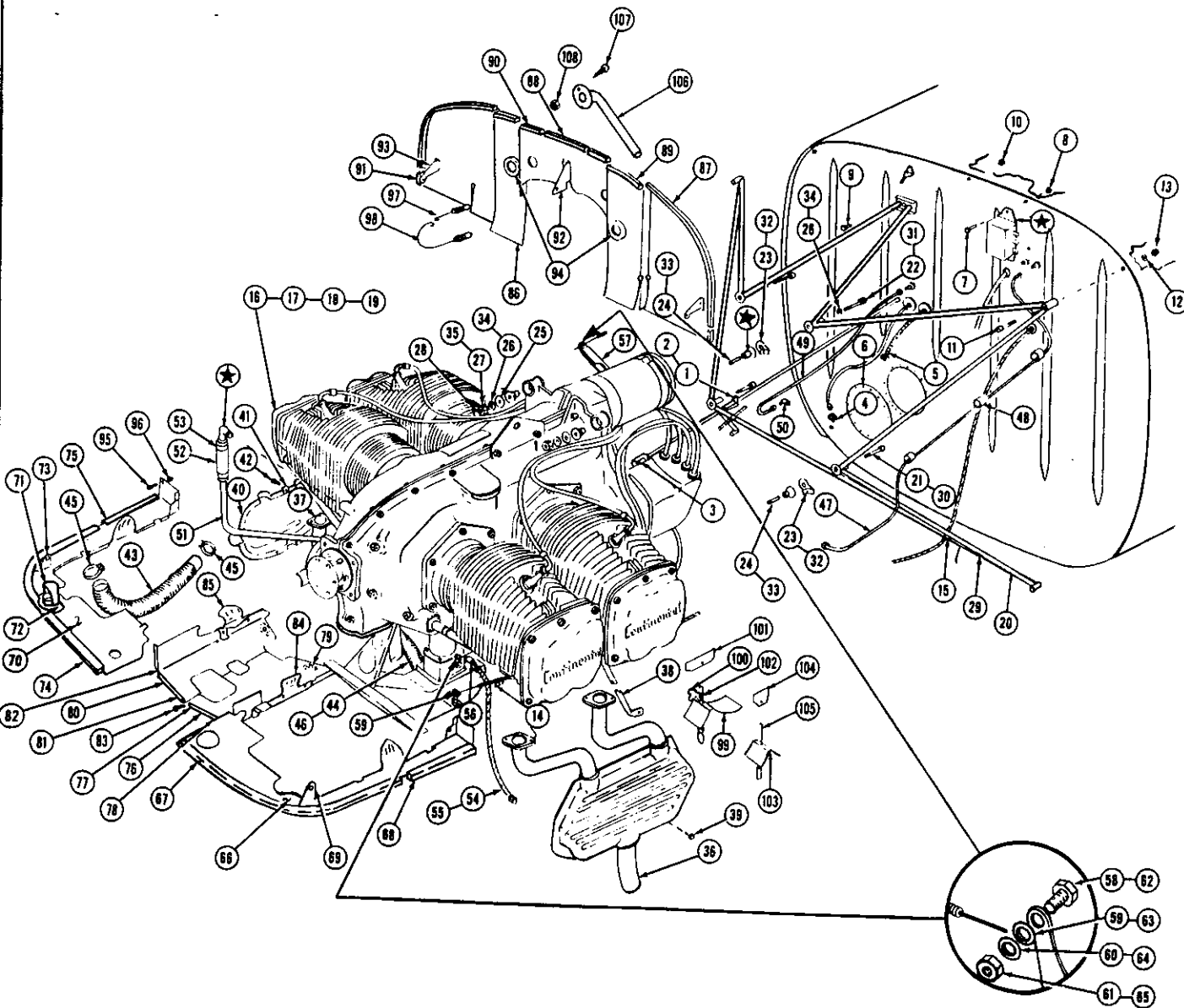


FIGURE 38—ENGINE INSTALLATION



ILLUSTRATED PARTS CATALOG

FIGURE 38

ENGINE INSTALLATION

FIGURE AND REF. NO.	PART NUMBER	PART NAME	UNITS REQUIRED ON MODELS							
			1	2	3	4	5	6	C-85	C-90
	0450301-49	Engine Installation - Continental C-85							1	
	0450301-50	Engine Installation - Continental C-90								1
38-1	0450192	Clamp Assembly - Throttle							1	1
	AN3-6A	Bolt							1	1
	AN3-5A	Bolt							1	1
	AN365-1032	Nut							2	2
38-2	0450335	Clamp Assembly								1
	AN3-6A	Bolt								1
	AN365-1032	Nut								1
38-3	0550158	Ball Joint - (Throttle Control To Carburetor)							1	1
	AN365-1032	Nut								1
38-4	0450261	Adapter - Oil Temperature Gage							1	1
38-5	0450017-7	Shaft - Tachometer Drive - Complete - (36 Inches)							1	1
38-6	0453112	Cover - Cabin Heat Aperture							1	1
38-7	AN4-6A	Bolt - (Attach Voltage Regulator)							3	3
38-8	AN365-428	Nut							3	3
38-9	AN5-6A	Bolt - (Attach Engine Mount Top Center)							1	1
38-10	AN365-524	Nut							1	1
38-11	NAS145-15	Bolt - Internal Wrenching - (Attach Engine Mount To Firewall)								4
38-12	AN960-516	Washer							4	4
38-13	AN365-524	Nut							4	4
38-14	NAS434-D3	Clamp - (Tinnerman A2981A-3) (Control To Carburetor Air Box)							1	1
	PK76XZ-8-6	Screw							1	1
38-15	AN-742-D3	Clamp - (Tinnerman A2980A-3) (Carburetor Heat Control To Engine Mount)							1	1
	NAS434-D8	Clamp - (Tinnerman A2981A-8) (Engine Mount To Carburetor Heat Control)							1	1
	PK76XZ-8-6	Screw							1	1
	0450200-49	Engine Assembly-Continental C-85							1	
	0450200-50	Engine Assembly-Continental C-90								1
38-16	C-85-12F	Engine - Continental Series 12F (Serial 15200 To 15393)							1	
38-17	C-85-14F	Engine - Continental Series 14F (Serial 15393 And On)							1	
38-18	C-90-12F	Engine - Continental Series 12F (Serial 15200 To 15212)								1
38-19	C-90-14F	Engine - Continental Series 14F (Serial 15212 And On)								1
38-20	0451000	Engine Mount							1	1
38-21	AN6-34	Bolt - Attach Engine Mount Lower							2	2
38-22	AN6-46	Bolt - Attach Engine Mount Upper							2	2
38-23	0450148	Bonding Strap - Engine							4	4
38-24	0450195	Spacer - Engine Attachment							4	4
38-25	AN970-6	Washer							8	8
38-26	AN950-616	Washer							4	4
38-27	AN310-6	Nut - Castle - Engine Mount Attachment							4	4
38-28	AN380-3-4	Pin - Cotter							4	4
38-29	0451111	Engine Mount							1	1
	52-3-137	Installation Kit - Dunaflex Engine Mount							1	1
38-30	AN6-44A	Bolt - Attach Engine Mount Lower							2	2
38-31	AN6-54A	Bolt - Attach Engine Mount Upper							2	2
38-32	0450148-2	Bonding Strap - Engine							4	4
38-33	AN884-8-6	Bushing							4	4
38-34	AN960-616	Washer							4	4
38-35	AN365-624	Nut							4	4
	0530740	Bushing - Dynaflex							8	8
	0450200-500	Seat - Engine Mount							8	8
	0450200-501	Washer - Cup							8	8
	0450200-502	Spacer							4	4
38-36	0450290	Muffler - Engine Exhaust - Left							1	1
	0450296	Muffler - Less Stacks							1	1
38-37	0450295	Muffler - Engine Exhaust-Right							1	1
	0450296	Muffler - Less Stacks							1	1
38-38	0450306	Brace - Engine Exhaust - Stack							1	1
38-39	AN3-3A	Bolt							2	2
	AN960-10	Washer							2	2
	AN363-1032	Nut							2	2
38-40	0450298	Muff - Heater - Half							2	2
38-41	C1022-8A-4	Nut - Tinnerman							11	11
38-42	PK76XZ-8-8	Screw - Fasten Heater Muffs To Muffler							11	11
38-43	0450320-1	Hose - Air Scoop To Heater Muff							1	1
38-44	0450320-2	Hose - Heater Muff To Carburetor Elbow							1	1
38-45	NAS397-32-4	Clamp - (Tinnerman A3499-32-4) (Heater Muff To Carburetor Elbow Hose)							4	4
38-46	0450314	Elbow - Carburetor Hot Air Intake							1	1
	AN526-832-40	Screw - (Attach Elbow To Carburetor Box)							1	1
	AN365-832	Nut							1	1
38-47	0400106-60	Line - Firewall To Manifold Primer							1	1
38-48	49211	Clamp - United Carr							1	1

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE



ILLUSTRATED PARTS CATALOG

FIGURE 38

ENGINE INSTALLATION (CONTINUED)

FIGURE AND REF. NO.	PART NUMBER	PART NAME	UNITS REQUIRED ON MODELS			
			1 2 3 4 5 6	C-85 C-90		
38-49	0400106-6	Elbow - Engine Oil Pressure			1	1
38-50	AN823-2B	Elbow			1	1
38-51	0400106-63	Line - Engine Case Vent			1	1
38-52	AN884-10-14	Hose - (Vent Line To Elbow)			1	1
38-53	NAS397-16	Clamp - Tinnerman A3122-16-59 - (Vent Line Hose)			2	2
	AN742-D8	Clamp - (Tinnerman - A2980A-8) (Vent Tube To Engine Mount)			1	1
	AN742-D10	Clamp - (Tinnerman - A2980A-10) (Engine To Vent Tube)			1	1
38-54	359-6D-16 1/2	Hose Assembly - Aeroquip - Fuel Line - (Stromberg Carburetor)			1	1
38-55	359-6D-18	Hose Assembly - Aeroquip - Fuel Line - (Marvel Carburetor)			1	1
38-56	AN823-6	Elbow			1	1
38-57	0450283	Extension - Starter Arm			1	1
	AN3-4A	Bolt - (Attach Extension Arm)			1	1
	AN365-1032	Nut			1	1
38-58	0450311	Clamp - Control Wire - (Starter Control)			1	1
38-59	AN960-10L	Washer			1	1
38-60	AN960-10	Washer			1	1
38-61	AN365-1032	Nut			1	1
38-62	0450311	Clamp - Control Wire - (Carburetor Heat Control)			1	1
38-63	AN960-10L	Washer			1	1
38-64	AN960-10	Washer			2	2
38-65	AN365-1032	Nut			1	1
38-66	0450318-3	Baffle Assembly - Cylinder Lower - Left			1	1
38-67	0450234-2	Rub Strip			1	1
38-68	0450234-8	Rub Strip			1	1
38-69	0450307-1	Support			1	1
38-70	0450167	Baffle Assembly - Cylinder Lower - Right			1	1
38-71	0450266	Scopp			1	1
38-72	0450273	Plate			1	1
38-73	0450163-1	Support			1	1
38-74	0450234-1	Rub Strip			1	1
38-75	0450234-8	Rub Strip			1	1
38-76	0450136	Baffle Assembly - Lower Case - Left			1	1
38-77	0450234-12	Rub Strip			1	1
38-78	0450234-6	Rub Strip			1	1
38-79	AN366F832	Nut Plate			1	1
38-80	0450137	Baffle Assembly - Lower Case - Right			1	1
38-81	0450234-12	Rub Strip			1	1
38-82	0450234-6	Rub Strip			1	1
38-83	AN515-8R5	Screw			1	1
	AN365-832	Nut			1	1
38-84	0450168	Baffle - Lower Case Side - Left			1	1
38-85	0450169	Baffle - Lower Case Side - Right			1	1
38-86	0450197-5	Baffle Assembly - Rear Cylinder			2	1
38-87	0450234-3	Rub Strip			2	2
38-88	0450234-4	Rub Strip			1	1
38-89	0450234-5	Rub Strip			2	2
38-90	0450234-6	Rub Strip			2	2
38-91	0450234-9	Rub Strip			2	2
38-92	0450214	Bracket			1	1
38-93	0450215	Bracket - Side			2	2
38-94	AB931-11-16	Grommet			2	2
38-95	AN515-8R7	Screw - Baffle Attachment			8	8
38-96	AN365-832	Nut			6	6
38-97	0450277-1	Spring - Top - Rear Baffle To Cylinder				2
38-98	0450277-2	Spring - Bottom - Rear Baffle To Cylinder				2
38-99	0450322	Baffle - Inter Cylinder - Left				1
38-100	0450321	Extension - Left				1
38-101	0450210	Support - Inter Cylinder Baffle				2
38-102	0450211-1	Fastener - Inter Cylinder Baffle				2
	0450322-1	Baffle - Inter Cylinder - Right				1
	0450321-1	Extension - Right				1
38-103	0450171	Baffle - Inter Head				2
38-104	0450209	Support - Inter Head Baffle				2
38-105	0450211-2	Fastener - Head Baffle Spring				2
38-106	0450240	Blast Tube - Oil Temperature				1
38-107	AN515-8R6	Screw - (Attach Blast Tube)				3
38-108	AN365-832	Nut				3
	0550100-9	Bracket - (Attach Blast Tube to R. H. Mag.)				1
	AN742-D16	Clamp				1
	AN3-5A	Bolt				1
	AN365-1032	Nut				1

(Serials 15212 & On)

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

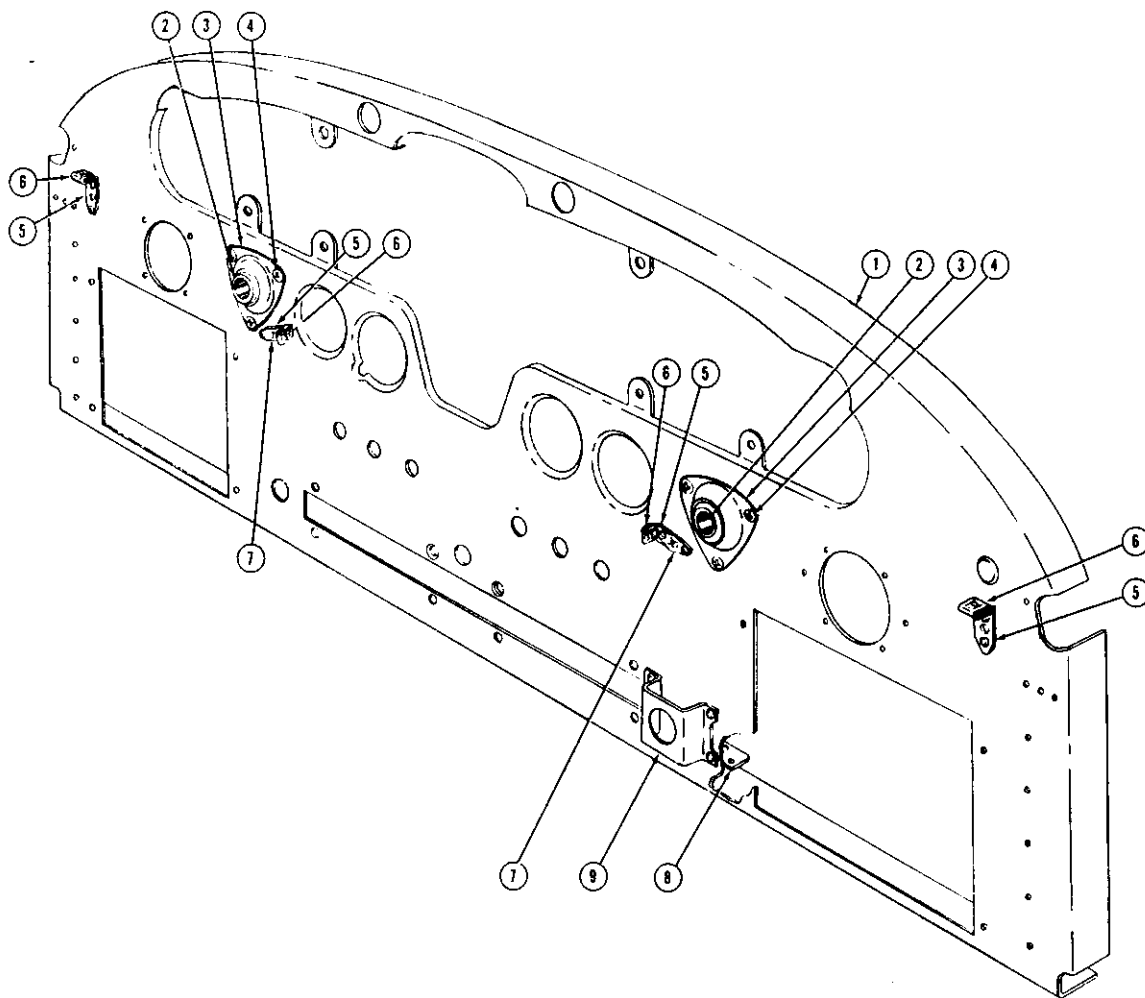
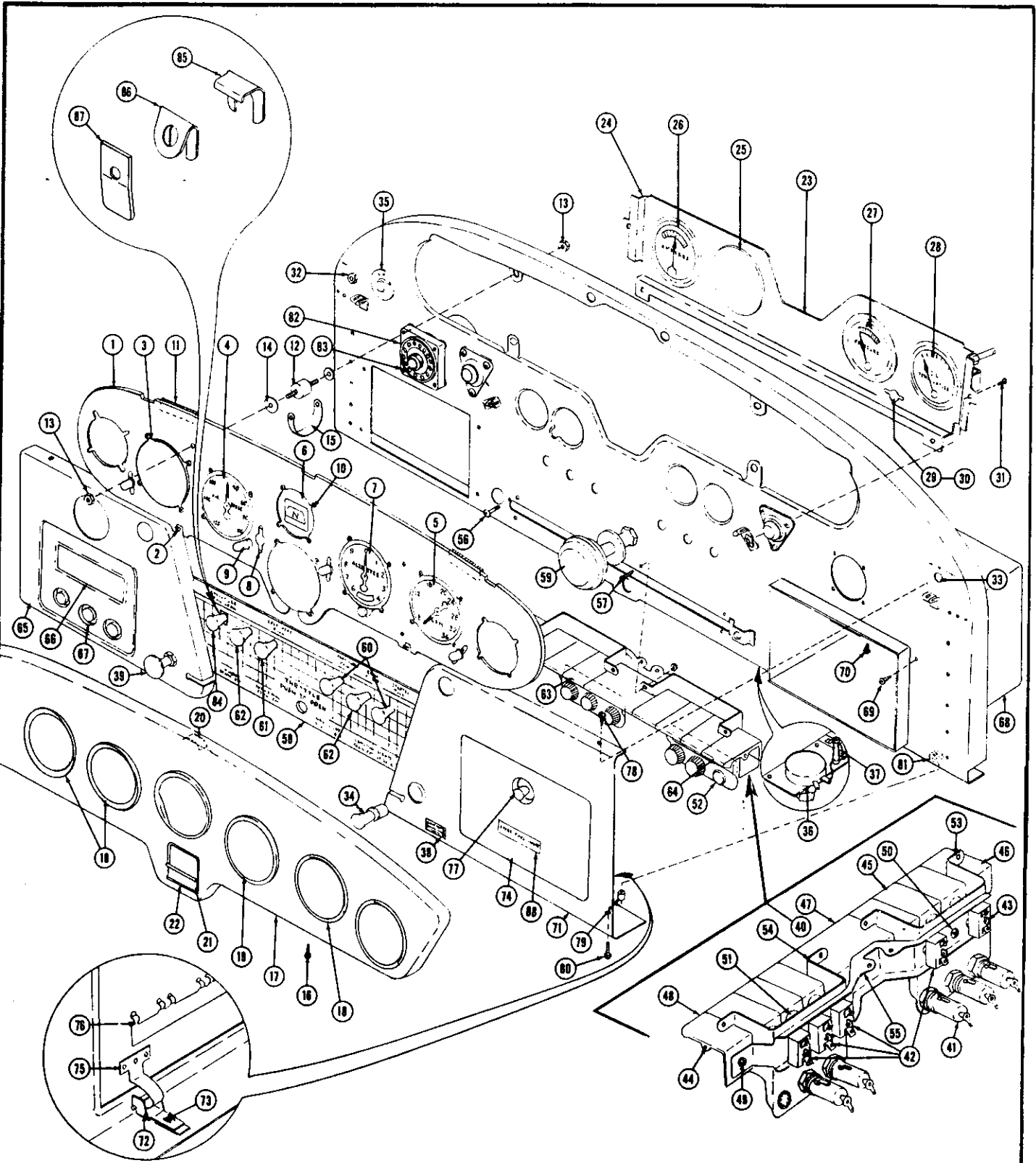


FIGURE 39—PANEL ASSEMBLY STATIONARY INSTRUMENTS

FIGURE AND REF NO	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	0513111	Panel Assembly - Stationary Instrument						1
39-1	0513110	Panel - Stationary Instrument						1
39-2	0411224	Ball - Control Tube Instrument Panel Guide						2
39-3	0411225	Socket - Instrument Panel Control Tube						4
39-4	AN526-632R-8	Screw - (Attach Socket To Instrument Panel)						6
	AN365-632	Nut						6
39-5	0413151	Bracket - Panel Shield Mounting						4
39-6	NAS395-1-3	Nut - (Tinnerman A6187-4Z-3)						4
39-7	NAS444-4	Nut - (Tinnerman A6191-8Z-3)						2
39-8	0413131	Bracket - Panel Light Dimming Switch						1
39-9	0413128	Bracket - Cigar Lighter						1

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE



SERIALS 15200 TO 15470

FIGURE 40—INSTRUMENT PANEL EQUIPMENT

ILLUSTRATED PARTS CATALOG

FIGURE 40

INSTRUMENT PANEL EQUIPMENT SERIALS 15200 TO 15470

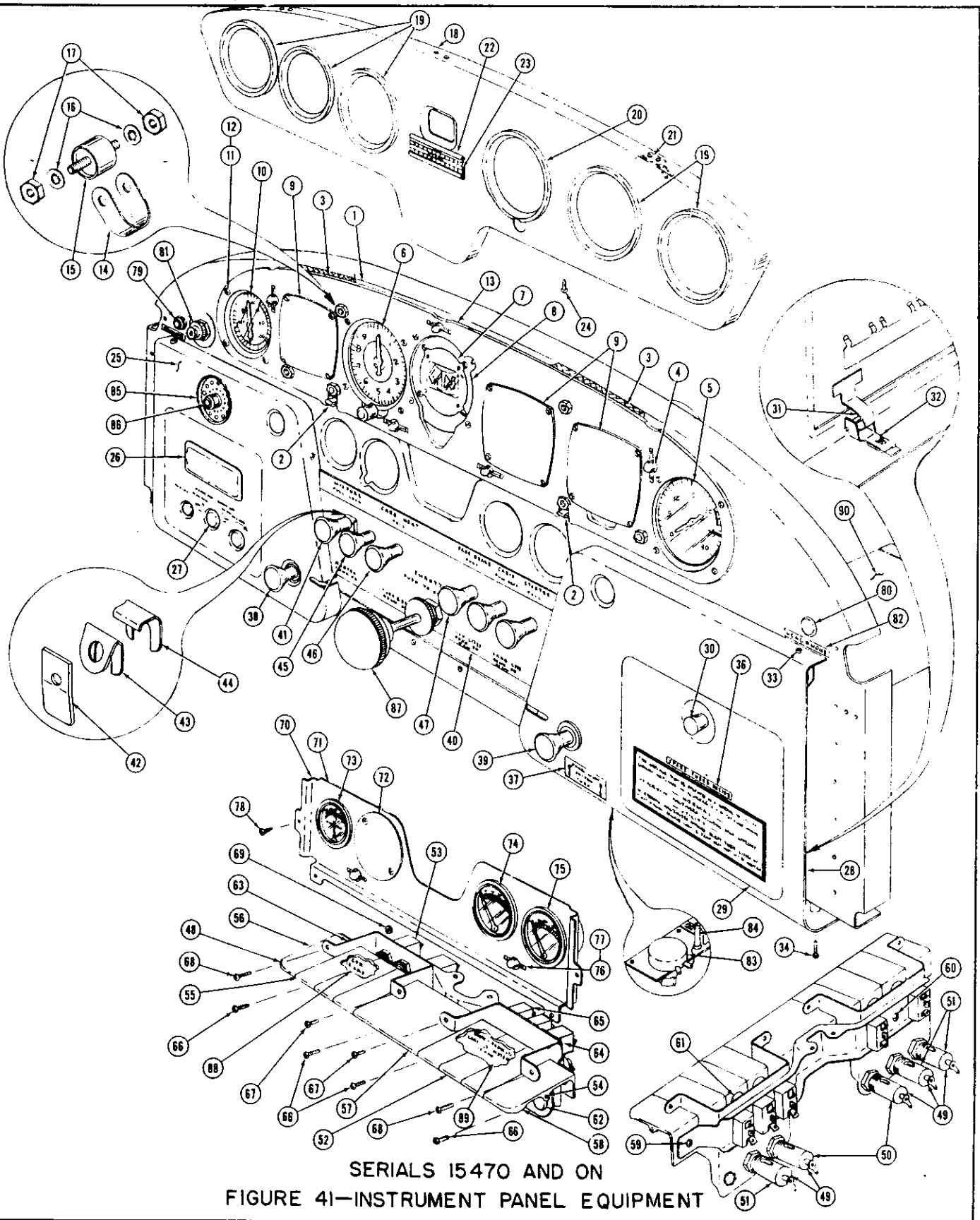
FIGURE AND REF. NO.	PART NUMBER	PART NAME	1 2 3 4 5 6						UNITS REQ'D ON MODEL
			1	2	3	4	5	6	
	0413116-50	Equipment Installation - Instrument Panel (Reference Only) (Serials 15200 To 15470)							
	0412497-7	Panel Assembly - Shock Mounted Instrument							1
40-1	0412484	Panel - Shock Mounted Instrument							1
40-2	0411896	Bracket - Shock Panel Cover Attachment							2
	NAS395-3-3	Nut - (Timberman A6052-6Z-3)							2
40-3	0411897	Cover - Optional Instrument Opening							2
40-4	0411086-1	Indicator - Airspeed							1
40-5	0411087-11	Tachometer							1
40-6	0411008-1	Compass							1
40-7	0411084-1	Altimeter							1
40-8	0411035-1	Light Socket - Instrument Panel							4
40-9	0511060	Bulb - General Electric							4
40-10	AN515-B6R	Screw - (Attach Instruments)							24
	AN365-B632	Nut - (Attach Instruments)							24
40-11	0412497-10	Damper - Vibration							2
40-12	0411059-1	Mount - Instrument Panel Shock							6
40-13	AN340-B8	Nut							12
40-14	AN936-A8	Washer - Lock							12
40-15	0413247	Strap - Ground							1
40-16	PK76XZ-6-8	Screw - (Attach Shock Panel Cover)							2
40-17	0412489-9	Cover Assembly - Shock Panel							1
40-18	0412487-3	Bezel - Instrument							4
40-19	0412487-4	Bezel - Instrument							1
40-20	0412486	Clip - Shock Panel Cover Attachment							3
40-21	0513012	Card - Compass							1
40-22	0513020	Retainer - Compass Card							1
40-23	0413118-3	Sub Panel Assembly - Stationary Instrument							1
40-24	0412491	Panel - Sub Stationary Instrument							1
40-25	0413206	Plate - Clock Opening Cover							1
	AN515-GR8	Screw - (Attach Clock Opening Cover Plate)							2
	AN365-632	Nut - (Attach Clock Opening Cover Plate)							2
40-26	0411020-1	Ammeter							1
40-27	0411016-2	Gage - Oil Pressure							1
40-28	0411017-3	Gage - Oil Temperature							1
40-29	0411035-1	Light Socket - Instrument Panel							2
	0511060	Bulb - General Electric							2
40-30	0413320	Spacer - Instrument Panel Light Socket							2
40-31	PK76XZ-8-8	Screw - (Attach Sub Panel)							2
40-32	0411065	Jack - Microphone							1
	0413166-4	Decal - Microphone							1
40-33	NAS451-6	Plug - (Headphone Jack Cutout) (United Carr 48192)							1
	0413166-3	Decal - Headphone							1
40-34	0411094-1	Lighter - Cigar							1
40-35	0311038-2	Switch - Ignition							1
	0311777	Shield Assembly - Ignition Switch							1
	AN742-D3	Clamp							1
	AN931-4-7	Oronmet							1
40-36	0413126	Rheostat Assembly - Panel Light - (With Knob)							1
40-37	0413145	Resistor - 10 OHM							1
	AN526-632R-36	Screw - (Attach Resistor)							1
	AN365-632	Nut - (Attach Resistor)							1
40-38	0513021	Decal - Panel Light Switch							1
40-39	0413215	Primer - Engine							1
40-40	0412477-4	Panel Assembly - Switch And Fuse							1
40-41	0411023-1	Retainer - Fuse							5
40-42	AN3021-1	Switch							4
40-43	AN3027-1	Switch							1
	0411889	Clip - Switch Limit							4
40-44	0412472	Pin - Switch Handle Hinge							1
	AN960-6	Washer - (Space Switch Handle On Pin)							12
40-45	0412473	Handle - Switch							6
40-46	0412474	Plate - Switch Panel Pairing - Left							1
40-47	0413143	Plate - Switch Panel Pairing - Center							1
40-48	0412474-1	Plate - Switch Panel Pairing - Right							1
40-49	AN526-1032R8	Screw - (Attach Switch Panel Pairing Plate)							3
	AN365-1032	Nut - (Attach Switch Panel Pairing Plates)							3
	AN960-10	Washer - (Attach Switch Panel Pairing Plates)							3
40-50	AN526-428R12	Screw - (Brace Handles Where Switches Are Not Used)							1
	AN365-428	Nut - (Brace Handles Where Switches Are Not Used)							1
	AN960-516L	Washer - (Brace Handles Where Switches Are Not Used)							1
40-51	AN931-4-7	Oronmet - (Switch Handles)							6
40-52	48172	Button - (United Carr)							1
40-53	0412475	Bracket - Switch Mounting - Left							1
40-54	0412475-1	Bracket - Switch Mounting - Right							1

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE



ILLUSTRATED PARTS CATALOG



SERIALS 15470 AND ON
FIGURE 41—INSTRUMENT PANEL EQUIPMENT

ILLUSTRATED PARTS CATALOG

FIGURE 40 INSTRUMENT PANEL EQUIPMENT SERIALS 15200 TO 15470 (CONTINUED)

FIGURE AND REF. NO	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL	
		1	2	3	4	5	6		
40-55	0413240							Bracket - Switch Bar	1
40-56	AN515-8R12							Screw - (Attach Switch Panel)	2
40-57	AN507-832R8							Screw - (Attach Switch Panel)	2
	AN515-8R8							Screw - (Attach Switch Panel)	4
	AN365-832							Nut - (Attach Switch Panel)	8
40-58	0413316-4							Plate - Panel Plexiglas Decoration	1
40-59	0411091-7							Control - Throttle	1
	AN960-A816L							Washer - (Front Of Panel)	1
	0413150							Spacer - Throttle Mounting - (Back Of Panel)	1
40-60	0411090-1							Control - Starter And Parking Brake	2
40-61	0411090-2							Control - Carburetor Heat	1
40-62	0411089							Knob - (Push-Pull Control)	2
	AN526-10R14							Screw - Knob Attachment	2
40-63	0413226-4							Decal - Fuse - (Generator, Radio, And Navigation Lights)	1
40-64	0413226-6							Decal - Fuse - (Dome, Panel, Landing Lights And Lighter)	1
40-65	0513112							Cover - Instrument Panel - Left	1
40-66	0413132							Cover - Radio Dial Cutout	1
40-67	NAS451-11							Plug - (Radio Knob Cutout) (United Carr 51051)	3
40-68	0412499							Box Assembly - Glove Compartment	1
40-69	PK76XZ-8-8							Screw - (Attach Glove Compartment Box)	4
40-70	PK76XZ-8-6							Screw - (Attach Glove Compartment Box)	2
	NAS446-4							Nut - (Attach Glove Compartment Box) (Tinnerman A1778-8Z-3)	2
40-71	0513114							Cover Assembly - Instrument Panel - Right	1
	0513115							Latch - Glove Compartment Door	1
40-72	0413109							Hinge - Glove Compartment Door	2
	NAS446-4							Nut - (Attach Lower Hinge) (Tinnerman A1778-8Z-3)	2
40-73	PK76XZ-8-6							Screw - (Attach Lower Hinge)	2
40-74	0413114							Door Assembly - Glove Compartment	1
40-75	0413208							Hinge Assembly - Glove Compartment Door	2
	0413209							Pin - Hinge	1
40-76	0411099							Retainer - Spare Fuse	1
40-77	0411092							Knob - Pull	1
	AN526-632R5							Screw - (Attach Door Knob)	1
	AN936-A8							Washer - (Attach Door Knob)	1
	0413272							Catch - Glove Compartment Door	1
40-78	PK76XZ-4-8							Screw - (Attach Panel Cover)	4
40-79	0413117							Spacer - Instrument Panel Cover	4
40-80	PK76XZ-8-10							Screw - (Attach Bottom Of Panel Cover)	4
40-81	NAS395-18-3							Nut - (Attach Bottom Of Panel Cover) (Tinnerman A1787-8Z-3)	3
	NAS446-4							Nut - (Attach Bottom Of Panel Cover) (Tinnerman A1778-8Z-3)	1
40-82	0511062-2							Indicator - Stall Warning	1
	0511062-3							Lamp	1
40-83	AN526-632R9							Screw - (Attach Stall Warning Indicator)	4
40-84	0411090-2							Control - Mixture	1
40-85	0413336							Bracket	1
40-86	0413337							Clip	1
40-87	0413335							Arm	1
40-88	0411749-5							Decal - Spare Fuse Inside	1

FIGURE 41 EQUIPMENT INSTALLATION - INSTRUMENT PANEL

	0413116-53	Equipment Installation - Instrument Panel (Reference Only) (Serials 15470 And On)	
	0412516-2	Panel Assembly - Shock Mounted Instrument	1
41-1	0513025	Sub Assembly - Shock Panel	1
41-2	0411896	Bracket	2
	NAS395-3-3	Nut - (Tinnerman A6052-6Z-3)	2
41-3	0412516-10	Damper	2
41-4	0411035-1	Socket - Instrument Light	5
	0511060	Bulb - Instrument Light	5
41-5	0411087-12	Tachometer - (Use With C-90 Engine)	1
	0411087-16	Tachometer - (Use With C-85 Engine)	1
41-6	0411007-2	Altimeter	1
41-7	0411008-1	Compass	1
41-8	0411897-3	Plate - Adapter	1
41-9	0411897	Cover - Instrument Opening	3
41-10	0411006-4	Airspeed Indicator	1
41-11	AN515B6R	Screw - (Mount Instruments)	31
41-12	AN365-632	Nut - (Mount Instruments)	31
41-13	0412516-12	Damper	1
41-14	0413247	Strap - Shock Panel Ground	1
41-15	0411059-1	Mount - Instrument Panel Shock	6
41-16	AN936-A8	Washer	12



ILLUSTRATED PARTS CATALOG

FIGURE 41 INSTRUMENT PANEL EQUIPMENT SERIALS 15470 AND ON (CONTINUED)

FIGURE AND REF. NO	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
41-17	AN340-B8							12
41-18	0412518							1
41-19	0412487-3							5
41-20	0412487-4							1
41-21	0412488							3
41-22	0513020							1
41-23	0513012							1
41-24	PK76XZ-6-8							2
41-25	0512112							1
41-26	0413132							1
41-27	NAS451-11							3
41-28	0513114-4							1
41-29	0413114							1
41-30	0411092							1
	AN936-A8							1
	AN526-832R5							1
	0413272							1
41-31	0413109							2
41-32	PK76XZ-8-6							2
	NAS446-4							2
41-33	PK76XZ-4-8							4
41-34	PK76XZ-8-10							4
41-35	0413117							4
	NAS395-18-3							3
	NAS446-4							1
41-36	0411749-5							1
41-37	0513021							1
41-38	0413215							1
41-39	0411094-1							1
41-40	0413316-4							1
51-41	0411090-2							1
41-42	0413335							1
41-43	0413337							1
41-44	0413336							1
41-45	0411089							2
	AN526-10R14							2
41-46	0411090-2							1
41-47	0411090-1							2
41-48	0412477-4							1
41-49	0411023-1							5
41-50	0411023-2							2
41-51	0411023-3							3
41-52	AN3021-1							4
41-53	AN3027-1							1
	0411889							4
41-54	0412472							1
	AN960-6							12
41-55	0412473							6
41-56	0412474							1
41-57	0413143							1
41-58	0412474-1							1
41-59	AN526-1032R8							3
	AN365-1032							3
	AN960-10							3
41-60	AN526-428R12							1
	AN960-516L							1
	AN365-428							1
41-61	AN931-4-7							6
41-62	48172							1
41-63	0412475							1
41-64	0412475-1							1
41-65	0413240							1
41-66	AN515-8R8							4
41-67	AN507-832R8							2
41-68	AN515-8R12							2
41-69	AN365-832							8
41-70	0413118-3							1
41-71	0412491							1
41-72	0413206							1
	AN515-6R8							2
	AN365-632							2
41-73	0411020-1							1
41-74	0411016-2							1
41-75	0411017-3							1
41-76	0411035-1							2

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

FIGURE 41 INSTRUMENT PANEL EQUIPMENT SERIALS 15470 AND ON (CONTINUED)

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	0511060							2
41-77	0413320						Bulb - General Electric Spacer - Instrument Panel Light Socket	2
41-78	PK76XZ-8-8						Screw - (Attach Sub Panel)	2
41-79	0411065						Jack - Microphone	1
	0413166-4						Decal - Microphone	1
41-80	NAS451-6						Plug - (Headphone Jack Cutout) (United Carr 48192)	1
41-81	0311038-2						Switch - Ignition	1
	0311777						Shield Assembly - Ignition Switch	1
	AN742-D3						Clamp	1
	AN931-4-7						Grommet	1
41-82	0413166-3						Decal - Headphone	1
41-83	0413126						Rheostat Assembly - Panel Light - (With Knob)	1
41-84	0413145						Resistor - (10 OHM)	1
	AN526-632R-36						Screw - (Attach Resistor)	1
	AN365-632						Nut - (Attach Resistor)	1
41-85	0511062-2						Indicator - Stall Warning	1
41-86	0511062-3						Lamp	1
	AN526-632R9						Screw - (Attach Stall Warning Indicator)	4
41-87	0411091-7						Control - Throttle	1
	AN960A-816L						Washer - (Front Side Of Panel)	1
	0413150						Spacer - (Back Side Of Panel)	1
41-88	0413226-4						Decal - Fuse Panel	1
41-89	0413226-6						Decal - Fuse Panel	1
41-90	0412499						Box Assembly - Glove Compartment	1
	PK76XZ-8-6						Screw - (Attach Glove Compartment Box)	2
	NAS446-4						Nut - (Attach Glove Compartment Box)	2
	PK76XZ-8-8						Screw - (Attach Glove Compartment Box)	4

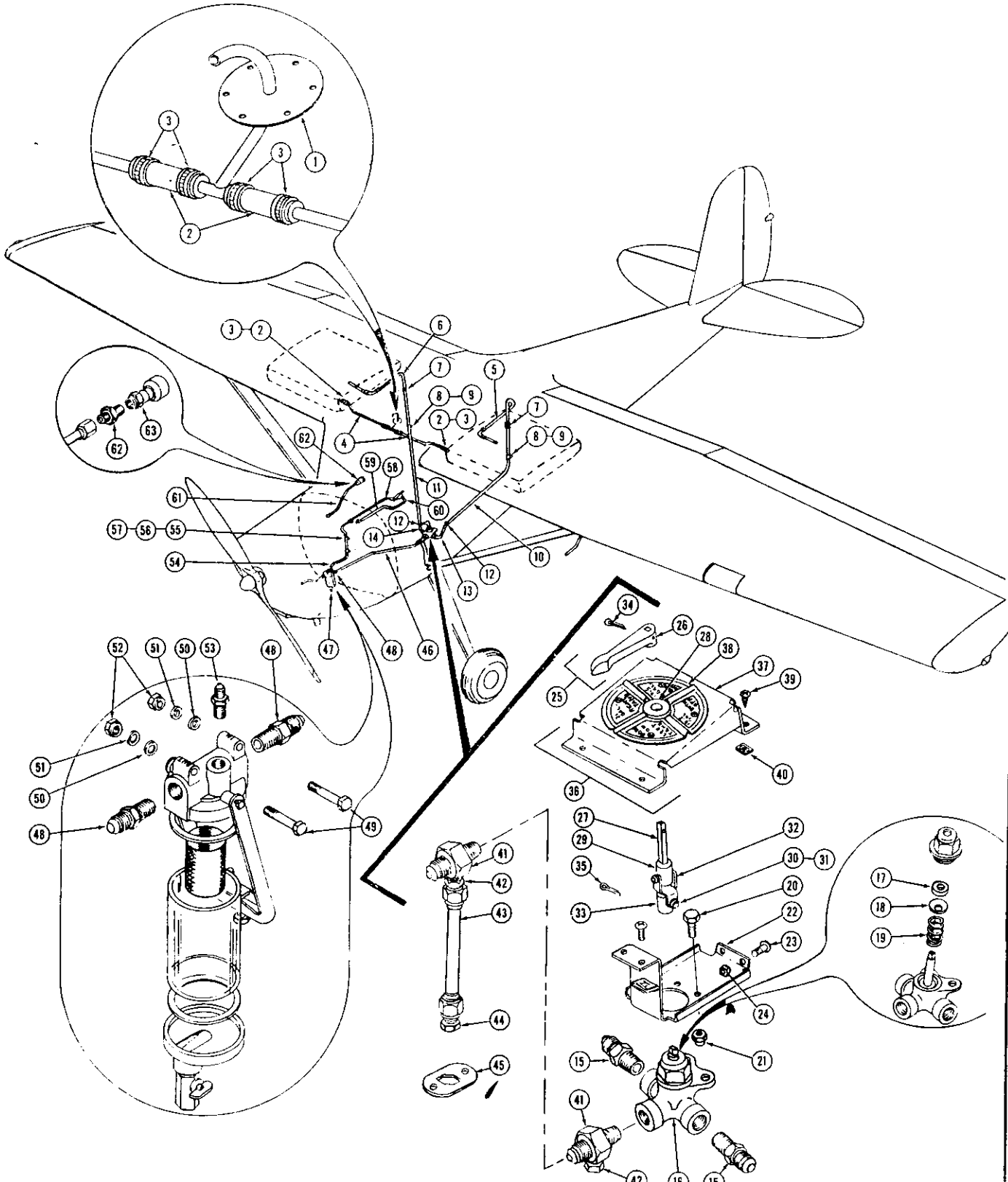


FIGURE 42—FUEL AND OIL SYSTEM

ILLUSTRATED PARTS CATALOG

FIGURE 42

FUEL SYSTEM AND OIL PRESSURE LINE

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	0400205	Fuel System Installation						1
42-1	See Figure 18	Vent - Fuel Tank						1
42-2	AN884-6-9	Hose						4
42-3	NAS397-12	Clamp - (Tinnerman A3122-12-59)						8
42-4	0400106-82	Line - Vent (Tank To Union)						2
42-5	0411751	Line Assembly - Tank To Fuselage Fuel - Left						1
42-6	0411751-1	Line Assembly - Tank To Fuselage Fuel - Right						1
42-7	AN815-6D	Union						2
42-8	NAS435-D6	Clamp - (Tinnerman A3047A-6)						2
42-9	PK76XZ-8-8	Screw						2
42-10	0411752	Line Assembly - Fuselage Fuel - Left						1
42-11	0411752-1	Line Assembly - Fuselage Fuel - Right						1
42-12	AN815-6D	Union						2
42-13	0400106-84	Line Assembly - Valve To First Union - Left						1
42-14	0400106-85	Line Assembly - Valve To First Union - Right						1
42-15	AN816-6D	Adapter Selector						2
42-16	0413020-3	Valve + Fuel Selector						1
42-17	0413020-4	Packing						1
42-18	0413020-5	Top - Spring						1
42-19	0413020-6	Spring						1
42-20	AN3-4A	Bolt						2
42-21	AN365-1032	Nut						2
42-22	0413331	Bracket - Fuel Selector Valve Mounting						1
42-23	AN526-832R-7	Bolt						4
42-24	AN365-832	Nut						4
42-25	0511123-9	Handle - Assembly						1
42-26	0413315	Handle						1
42-27	0511123-8	Shaft						1
42-28	0511195	Guide						1
42-29	0511194-4	Pivot						1
42-30	0425134	Pin						2
42-31	AN960-4	Washer						4
42-32	0511127	Spacer						1
42-33	0511194-3	Pivot						1
42-34	AN380-2-3	Pin - Cotter						1
42-35	AN380-2-2	Pin - Cotter						1
42-36	0413342	Bracket Assembly - Fuel Selector Handle						1
42-37	0413341	Bracket						1
42-38	0413333	Plate						1
42-39	PK76XZ-8-6	Screw - (Attach Fuel Selector Handle Bracket)						4
42-40	NAS395-14-3	Nut - Tinnerman A1274-8Z-3						4
42-41	0511196	Adapter						1
42-42	AN816-6-2D	Nipple						1
42-43	0400106-87	Line Assembly - Drain - Valve To Lower Skin						1
42-44	AN806-D6	Plug						1
42-45	0413338	Plate - Lock						1
42-46	0400106-86	Line Assembly - Fuel - Valve To Strainer						1
42-47	K2250B	Strainer - (Koehler)						1
42-48	AN816-6D	Nipple						2
42-49	AN4-14A	Bolt						2
42-50	NAS43-4-6	Spacer						2
42-51	AN960-416L	Washer						2
42-52	AN365-428	Nut						2
42-53	AN816-2D	Nipple						1
42-54	0400106-83	Primer Line - Strainer To Firewall						1
42-55	AN742-2	Clamp - (Tinnerman A2980-2)						2
42-56	PK76XZ-8-6	Screw						2
42-57	NAS446-4	Nut - (Tinnerman A1778-8Z-3)						2
42-58	0400106-58	Primer Line - Firewall To Primer						1
42-59	0400106-59	Primer Line - Primer To Firewall						1
42-60	AN816-2D	Nipple						2
42-61	0400106-29	Line Assembly - Oil Pressure - Firewall To Gauge						1
42-62	AN816-2D	Nipple						1
42-63	AN910-1D	Coupling						1

ILLUSTRATED PARTS CATALOG

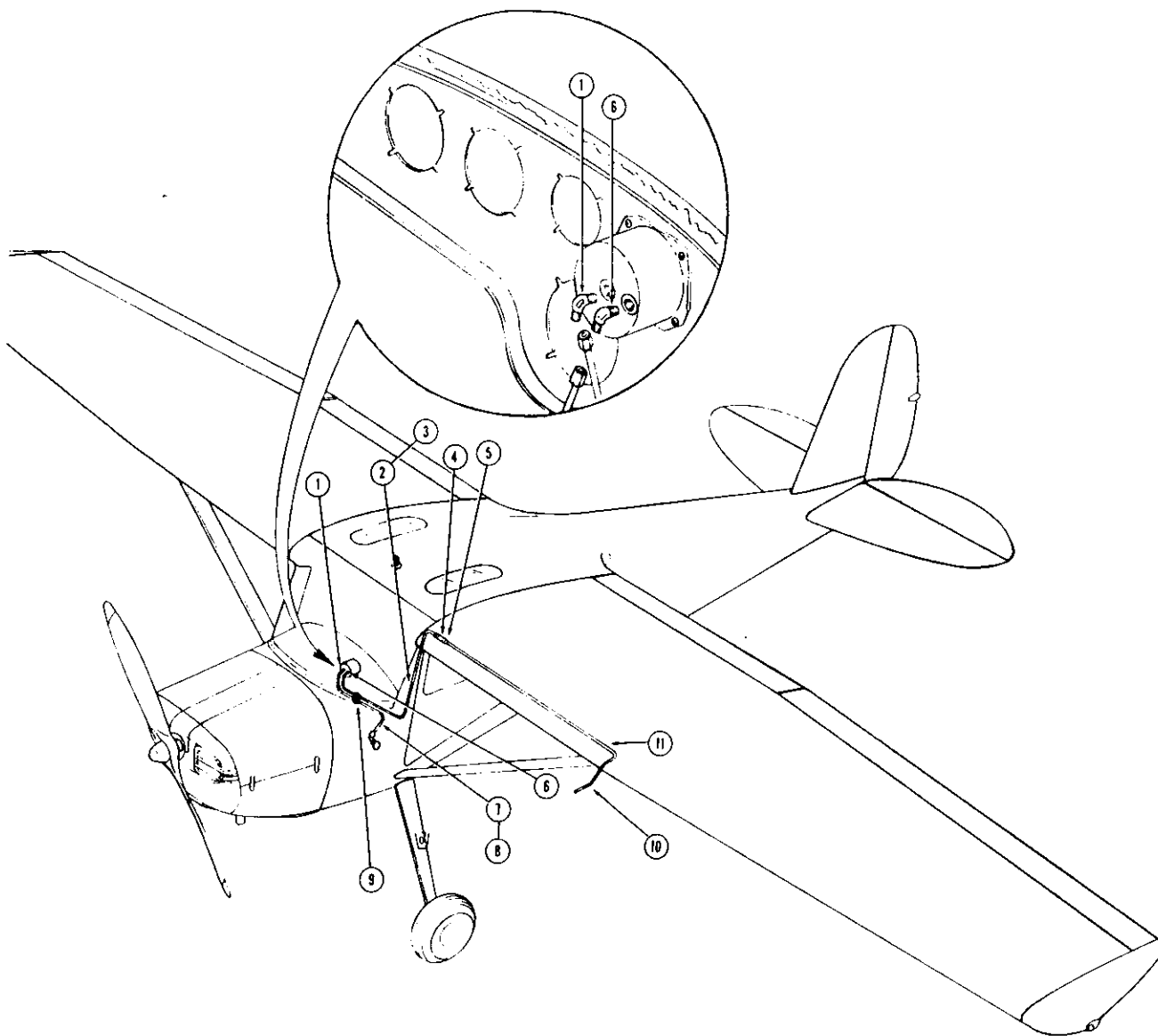


FIGURE 43—PITOT SYSTEM

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	0400011	Pitot - System Installation						
43-1	AN822-4D		1					1
43-2	0413229-2		1					1
43-3	0400106-93		1					1
43-4	NAS397-10		1					1
43-5	AN884-4-12		2					2
43-6	AN823-4D		1					1
43-7	0400106-92		1					1
43-8	0400106-94		1					1
43-9	0413263		1					1
43-10	See Figure 3		1					1
43-11	See Figure 3		1					1

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

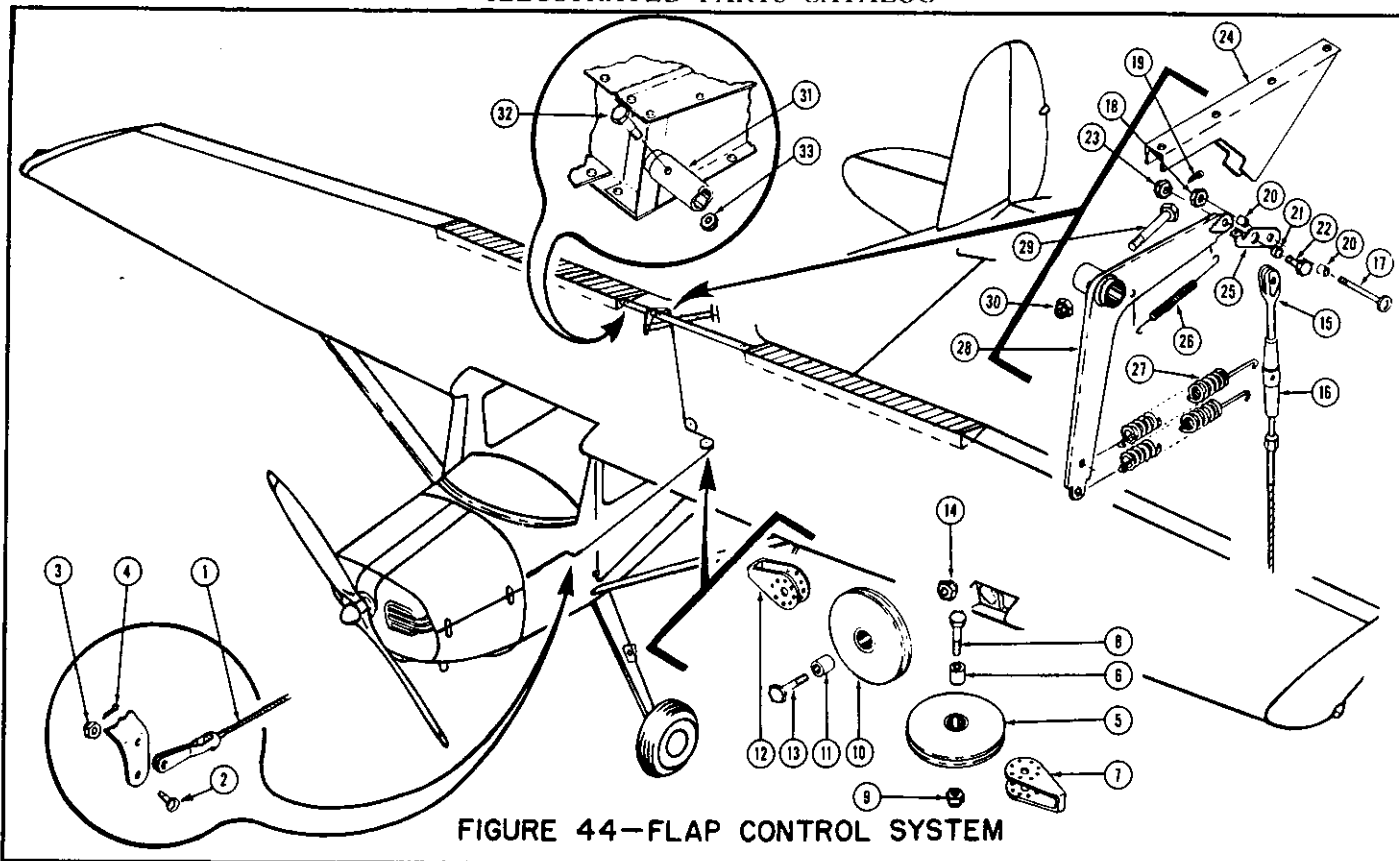


FIGURE 44-FLAP CONTROL SYSTEM

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	0420003-2	Control System Installation - Flap (Reference Only)						
44-1	0400107-3	Cable - Flap Control						1
44-2	AN23-11	Bolt - Clevis						1
44-3	AN310-3	Nut						1
44-4	AN380-2-2	Pin-Cotter						1
44-5	NAS383-2	Pulley - Plain Bearing						1
44-6	0411490	Bushing						1
44-7	0411421-4	Guard - Cable						2
44-8	AN3-6A	Bolt						1
44-9	AN365-1032	Nut						1
44-10	NAS383-2	Pulley - Plain Bearing						1
44-11	0411490	Bushing						1
44-12	0411421-4	Guard - Cable						2
44-13	AN3-6A	Bolt						1
44-14	AN365-1032	Nut						1
44-15	AN161-16LS	Fork - Turnbuckle						1
44-16	AN155-16S	Barrel - Turnbuckle						1
44-17	AN23-24	Bolt - Clevis						1
44-18	AN310-3	Nut						1
44-19	AN380-2-2	Pin - Cotter						1
44-20	0410209	Spacer						2
44-21	0523229	Bushing						1
44-22	AN3-4A	Bolt						1
44-23	AN365-1032	Nut						1
44-24	0410207	Bracket						1
44-25	0410208	Link						1
44-26	0410210	Spring						1
44-27	0411466	Spring - Flap Return						2
44-28	0410212	Torque Tube Assembly						1
44-29	0411339	Bellcrank - Assembly - Flap						1
44-29	AN4-12A	Bolt						1
44-30	AN365-428	Nut						1
44-31	0410211	Tube - Flap Torque						1
44-32	AN4-11A	Bolt - (Attach Torque Tube Assembly To Flap Bracket)						2
44-33	AN365-428	Nut - (Attach Torque Tube Assembly To Flap Bracket)						2

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

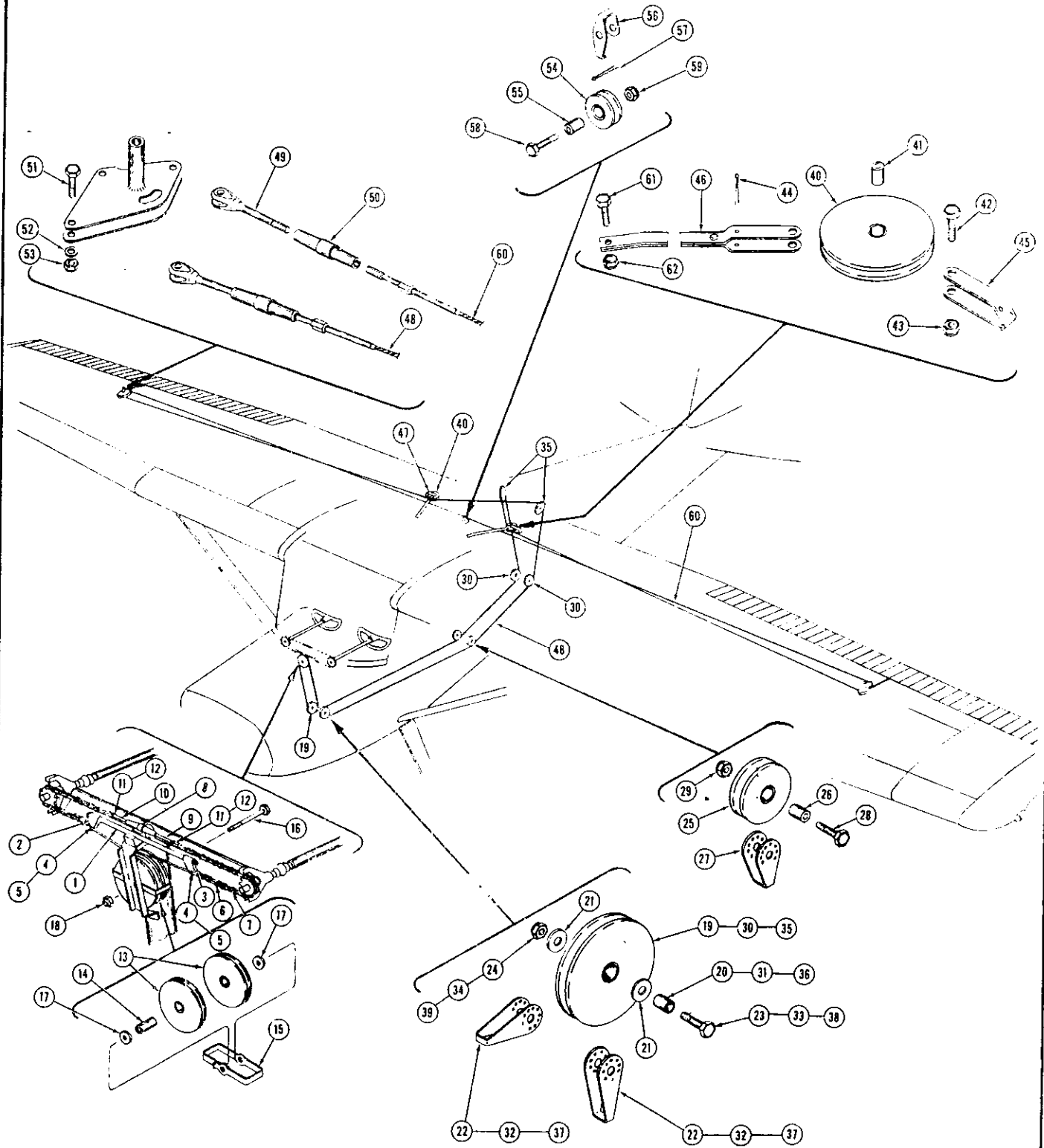


FIGURE 45—AILERON CONTROL SYSTEM



ILLUSTRATED PARTS CATALOG

FIGURE 45

AILERON CONTROL SYSTEM

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	0420003-2	Aileron Control System Installation (Reference Only)						
45-1	0411880	Bar Assembly - Aileron Carry Thru						1
45-2	0411881	Tube Assembly - Aileron Carry Thru						1
45-3	AN365-428	Nut						1
45-4	AN392-17	Pin - Clevis						2
45-5	AN380-2-1	Pin - Cotter						2
45-6	0411051	Chain Assembly						1
45-7	0411051-4	Chain - Aileron Control (American Chain #35)						1
45-8	AN155-32S	Barrel - Turnbuckle						2
45-9	NAS-288-35LH	Terminal						1
45-10	NAS-288-35RH	Terminal						1
45-11	AN392-13	Pin - Clevis						2
45-12	AN380-2-1	Pin - Cotter						2
45-13	NAS383-4	Pulley						2
45-14	0411521	Bushing - Pulley						1
45-15	0411232	Guard						1
45-16	AN4-33A	Bolt						1
45-17	AN960-416	Washer						2
45-18	AN365-428	Nut						1
45-19	NAS383-4	Pulley						2
45-20	NAS382-2	Bushing - Pulley						2
45-21	AN960-410	Washer						2
45-22	0411421-6	Guard						4
45-23	AN4-43A	Bolt						1
45-24	AN365-428	Nut						1
45-25	NAS383-3	Pulley						2
45-26	0411489	Bushing - Pulley						2
45-27	0411421-2	Guard						2
45-28	AN4-10A	Bolt						2
45-29	AN365-428	Nut						2
45-30	NAS383-4	Pulley						2
45-31	0411489	Bushing - Pulley						2
45-32	0411421-6	Guard						4
45-33	AN4-10A	Bolt						2
45-34	AN365-428	Nut						2
45-35	NAS383-4	Pulley						2
45-36	0411489	Bushing - Pulley						2
45-37	0411421-6	Guard						4
45-38	AN4-10A	Bolt						2
45-39	AN365-428	Nut						2
45-40	NAS383-4	Pulley						2
45-41	0411489	Bushing - Pulley						2
45-42	AN4-10A	Bolt						2
45-43	AN365-428	Nut						2
45-44	AN380-2-3	Pin - Cotter						2
45-45	0410217	Support - Aileron Pulley Bracket						1
45-46	0410206	Bracket - Aileron Pulley						2
45-47	0410217-1	Support - Aileron Pulley Bracket						1
45-48	0410107-17	Cable - Aileron To Wheel						2
45-49	AN161-32LL	Fork - Turnbuckle						3
45-50	AN155-32L	Barrel - Turnbuckle						3
45-51	AN3-10A	Bolt						4
45-52	AN960-10L	Washer						4
45-53	AN365-1032	Nut						4
45-54	F-140	Pulley - Formica						1
45-55	0411783	Bushing						1
45-56	0411654	Guard (To Serial 15284)						1
45-57	AN380-2-3	Pin - Cotter (Serial 15284 & On)						1
45-58	AN3-7A	Bolt						1
45-59	AN365-1032	Nut						1
45-60	0400107-18	Cable - Aileron Carry Thru						1
45-61	AN4-4A	Bolt - (Attach Pulley Bracket)						2
45-62	AN365-428	Nut - (Attach Pulley Bracket)						2

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

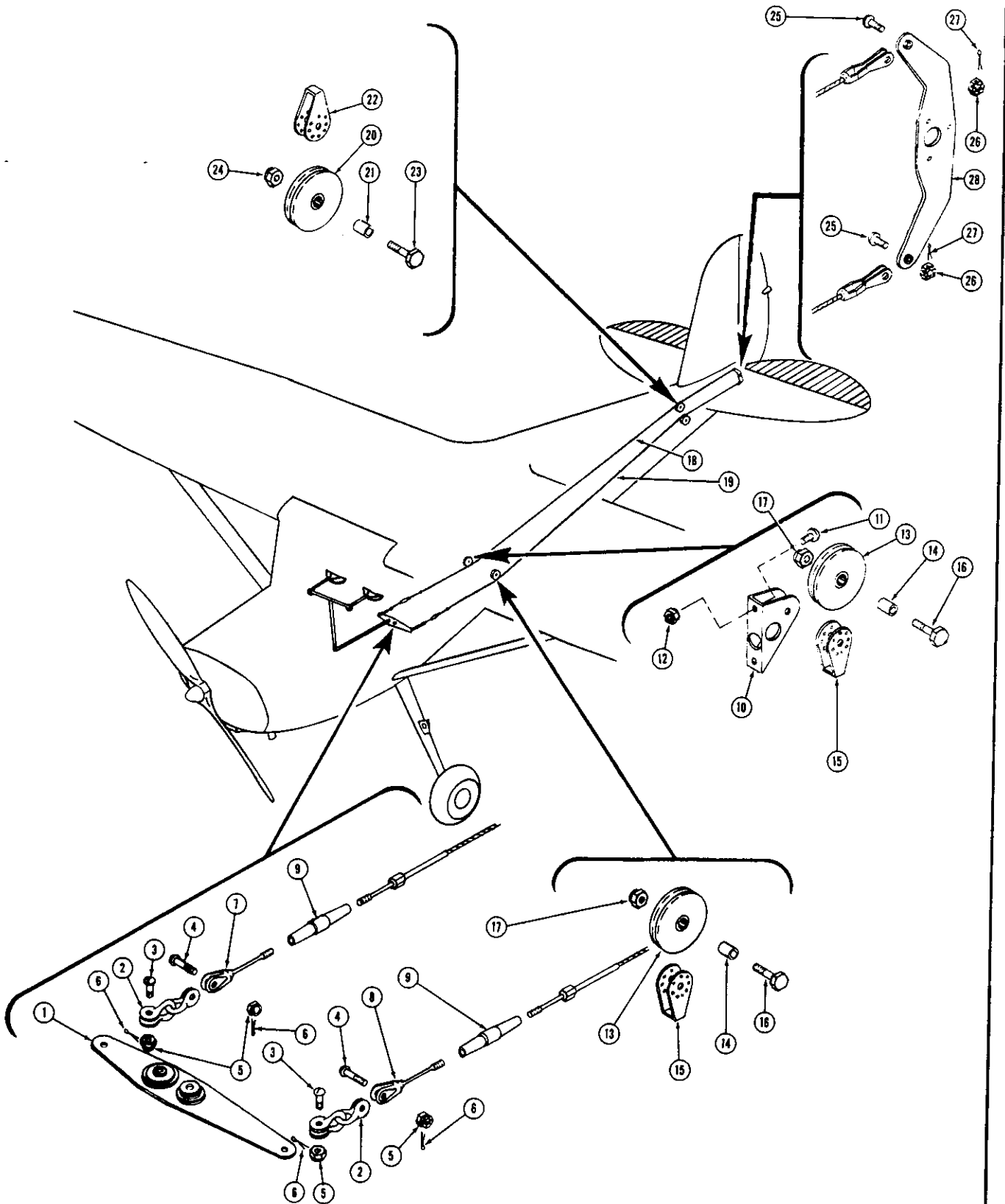


FIGURE 46—ELEVATOR CONTROL SYSTEM

ILLUSTRATED PARTS CATALOG

FIGURE 46

ELEVATOR CONTROL SYSTEM

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
		Elevator Control System Installation (Reference Only)						
46-1	0430003	Bellcrank Assembly (See Figure 18)						Ref
46-2	0411258	Link - Turnbuckle Connector						2
46-3	AN23-10	Bolt - Clevis						2
46-4	AN23-11	Bolt - Clevis						2
46-5	AN310-3	Nut						4
46-6	AN380-2-2	Pin - Cotter						4
46-7	AN161-22RS	Fork - Turnbuckle						1
46-8	AN161-22RL	Fork - Turnbuckle						1
46-9	AN155-32S	Barrel - Turnbuckle						2
46-10	0411671	Bracket - Elevator Control - (Station 56,59) Pulley Right						1
46-11	AN526-1032R6	Screw						2
46-12	AN365-1032	Nut						2
46-13	NAS383-3	Pulley - Formica (A-130)						2
46-14	0411489	Bushing						2
46-15	0411421-2	Guard						2
46-16	AN4-10A	Bolt						2
46-17	AN365-428	Nut						2
46-18	0400107-5	Cable - Elevator Control - Up						1
46-19	0400107-9	Cable - Elevator Control - Down						1
46-20	NAS383-3	Pulley - Formica (A-130)						2
46-21	0411489	Bushing						2
46-22	0411421-2	Guard						2
46-23	AN4-10A	Bolt						2
46-24	AN365-428	Nut						2
46-25	AN23-9	Bolt - Clevis						2
46-26	AN320-3	Nut						2
46-27	AN380-2-2	Pin - Cotter						2
46-28	0434120	Bellcrank (See Figure 16)						Ref

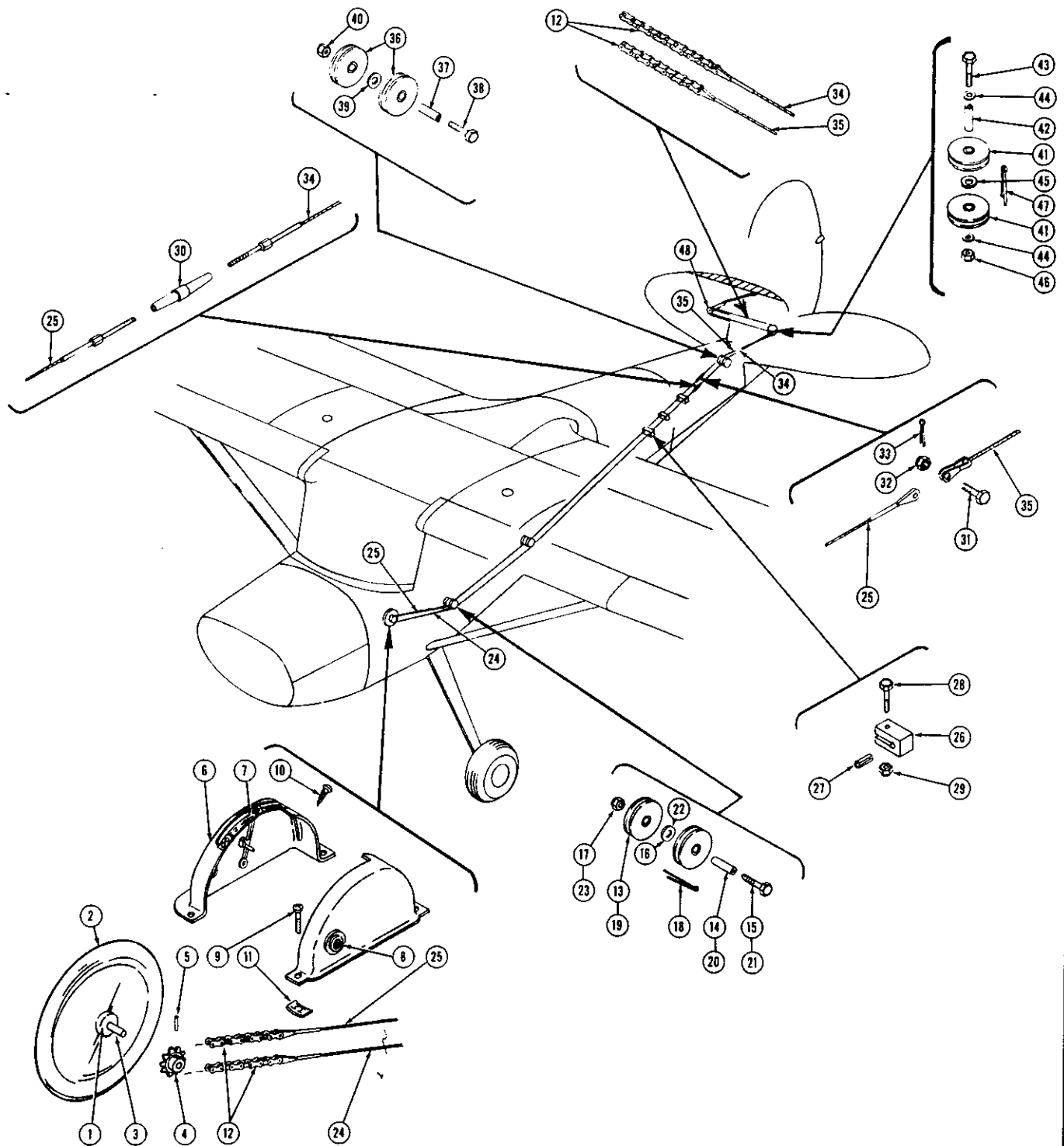


FIGURE 47-ELEVATOR TAB CONTROL SYSTEM

ILLUSTRATED PARTS CATALOG

FIGURE 47

ELEVATOR TAB CONTROL SYSTEM

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	0430003	Elevator Tab Control System Installation (Reference Only)						
47-1	0411427	Shaft Assembly - Tab Control						1
47-2	0411877	Wheel - Elevator Tab Control						1
47-3	0411426	Shaft - Tab Control						1
47-4	0432134-1	Sprocket - Elevator Tab Actuator						1
47-5		Rollpin - (3/32 (.094) x 1/2)						2
47-6	0411419	Cover Assembly - Tab Control Mechanism - Right						1
47-7	0411422	Pedal - Tab Position Indicator						1
47-8	M-451	Bearing - Torrington						1
47-9	AN526-832R6	Screw						4
47-10	PK76X2-8-6	Screw						1
47-11	NAS395-14-3	Nut - Tinnerman (A1274-8Z-3)						1
47-12	0432138-1	Chain - Elevator Tab - (#25 Diamond Chain XCDR - 1189) (15 1/4" Length)						2
47-13	NAS383-1	Pulley - Formica						2
47-14	0411491	Bushing						1
47-15	AN3-10A	Bolt						1
47-16	AN960-416L	Washer						1
47-17	AN365-1032	Nut						1
47-18	AN380-3-4	Pin - Cotter - (Cable Guard)						1
47-19	NAS383-1	Pulley - Formica						2
47-20	0411491	Bushing						1
47-21	AN3-10A	Bolt						1
47-22	AN960-416L	Washer						1
47-23	AN365-1032	Nut						1
47-24	0400107-11	Cable - Elevator Tab - Forward - Carry Thru						1
47-25	0400107-14	Cable - Elevator Tab - Forward - Direct						1
47-26	0411523	Block - Elevator Tab Stop						3
47-27	0411524	Bushing - Elevator Tab Stop						3
47-28	AN3-6	Bolt						3
47-29	AN365-1032	Nut						3
47-30	AN155-8S	Barrel - Turnbuckle						1
47-31	AN3-4	Bolt						1
47-32	AN310-3	Nut						1
47-33	AN380-2-2	Pin - Cotter						1
47-34	0400107-12	Cable - Elevator Tab - Aft - Carry Thru						1
47-35	0400107-13	Cable - Elevator Tab - Aft - Direct						1
47-36	NAS383-1	Pulley - Formica						2
47-37	0411491	Bushing						1
47-38	AN3-10A	Bolt						1
47-39	AN960-416L	Washer						11
47-40	AN365-1032	Nut						1
47-41	NAS383-1	Pulley - Formica						2
47-42	0411491	Bushing						1
47-43	AN3-11A	Bolt						1
47-44	AN960-10	Washer						2
47-45	AN960-416	Washer						1
47-46	AN365-1032	Nut						1
47-47	AN380-4-5	Pin - Cotter						1
47-48	0432134-2	Sprocket (See Figure 14)						REF.



ILLUSTRATED PARTS CATALOG

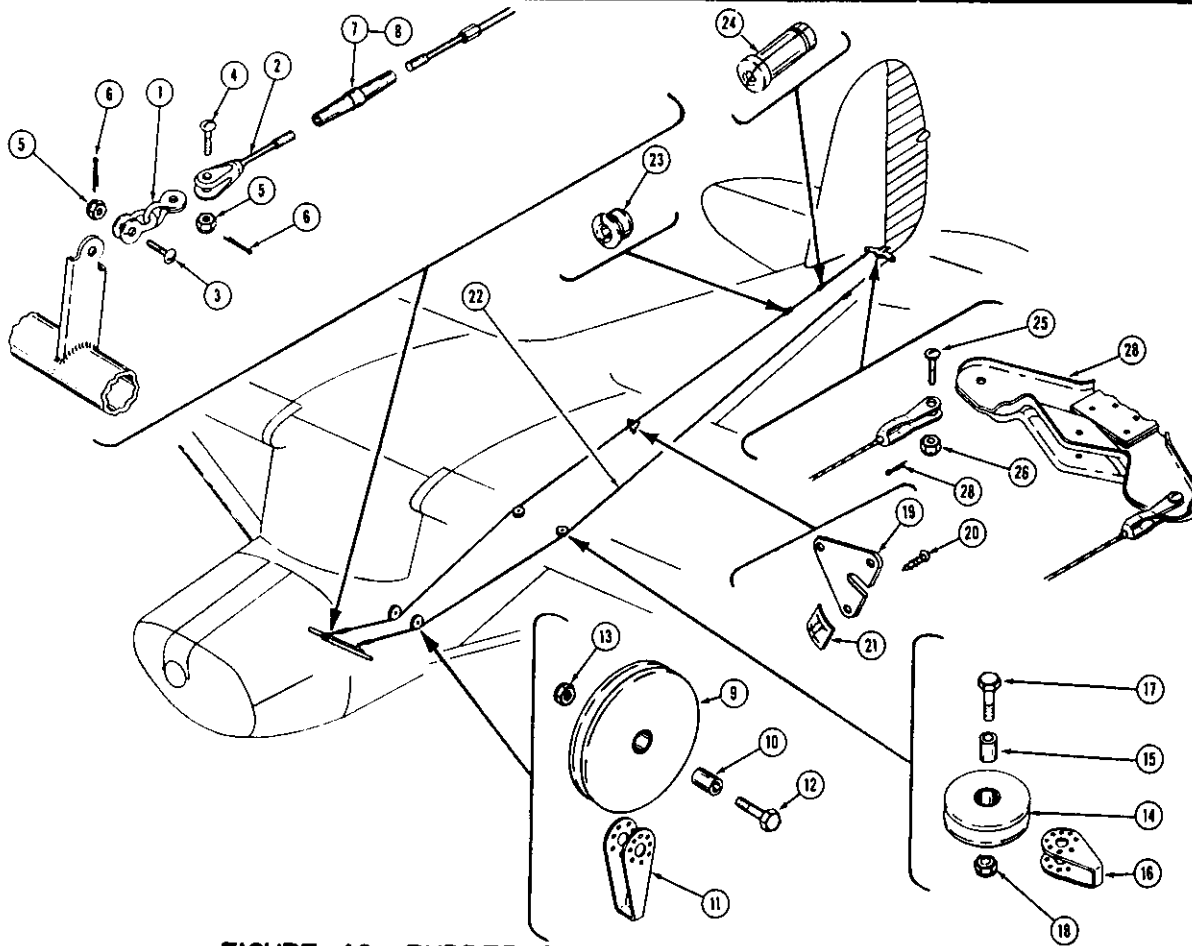


FIGURE 48—RUDDER CONTROL SYSTEM

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	0430003	Rudder Control System Installation (Reference Only)						
48-1	0411600	Link - Turnbuckle Connector						2
48-2	AN161-22RS	Fork - Turnbuckle						2
48-3	AN23-10	Bolt						2
48-4	AN23-11	Bolt						2
48-5	AN310-3	Nut						2
48-6	AN380-2-2	Pin - Cotter						4
48-7	AN155-32S	Barrel - Turnbuckle - Left Cable						1
48-8	AN155-32L	Barrel - Turnbuckle - Right Cable						1
48-9	NAS383-4	Pulley - Formica						2
48-10	0411489	Bushing						2
48-11	0411421-6	Guard						2
48-12	AN4-10A	Bolt						2
48-13	AN365-428	Nut						2
48-14	NAS303-3	Pulley - Formica						2
48-15	0411489	Bushing						2
48-16	0411421-2	Guard						2
48-17	AN4-10A	Bolt						2
48-18	AN365-428	Nut						2
48-19	0412168	Fairlead - Rudder Cable - Right - (Station 95.00)						1
48-20	PK76X2-8-6	Screw						3
48-21	NAS446-4	Nut - (Tinnerman AL778-82-3)						3
48-22	0400107-4	Cable - Rudder Control						2
48-23	0412006	Bushing - Rudder Control Fairlead						1
48-24	#6	Fairlead - Rudder Cable - Right						4
48-25	AN23-10	Bolt						2
48-26	AN310-3	Nut						2
48-27	AN380-2-2	Pin - Cotter						2
48-28	0433113	Bellcrank - Rudder (See Figure 15)						REF

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

OPTIONAL EQUIPMENT SECTION

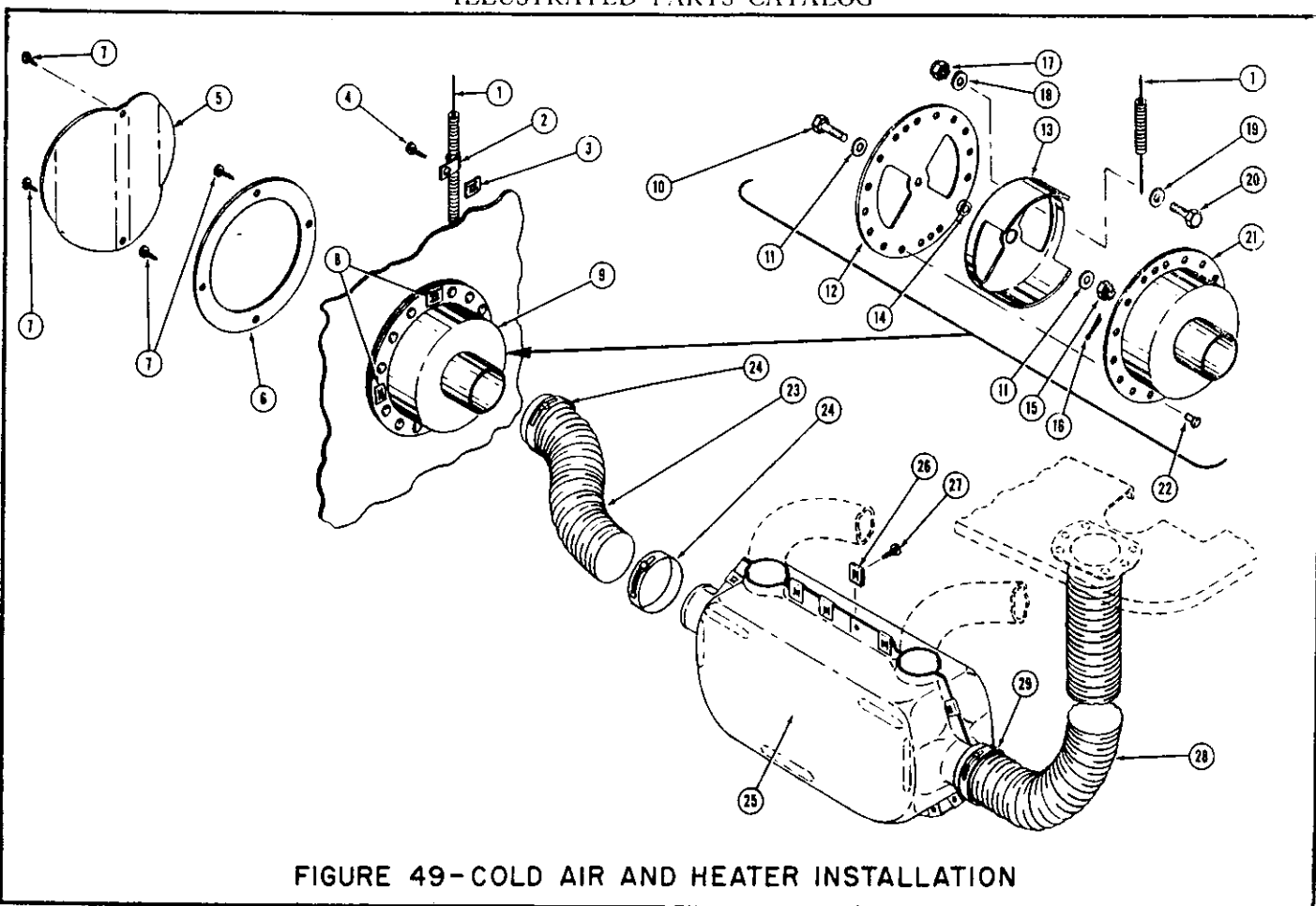


FIGURE 49-COLD AIR AND HEATER INSTALLATION

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	52-3-69	Installation Kit - Cabin Heater - (Cessna Drawing No. 0450201)						1
49-1	0411090-1	Control						1
49-2	AN742-D3	Clamp - (Tinnerman A2980A-3)						1
49-3	NAS446-4	Nut - (Tinnerman A1778-8Z-3)						1
49-4	PK76XZ-8-8	Screw						1
49-5	0411824	Deflector						1
49-6	0411773	Plate						1
49-7	PK76XZ-8-8	Screw						4
49-8	NAS446-4	Nut - (Tinnerman A1778-8Z-3)						4
49-9	0450247	Valve Assembly						1
49-10	AN3-4	Bolt						1
49-11	AN970-3	Washer						2
49-12	0450253	Plate						1
49-13	0450250	Cylinder						1
49-14	0450252	Bearing						1
49-15	AN320-3	Nut						1
49-16	AN380-2-2	Pin - Cotter						1
49-17	AN365-1032	Nut						1
49-18	AN960-10	Washer						1
49-19	AN960-10L	Washer						1
49-20	0450311	Clamp						1
49-21	0450248	Housing						1
49-22	AN442AD4	Rivets						12
49-23	0450320-1	Hose						2
49-24	NAS397-32P	Clamp - (Tinnerman A3499-32-4)						4
49-25	0450298	Muff - Heater Half						2
49-26	A1022-8A-4	Nut - Tinnerman						11
49-27	PK76XZ-8-8	Screw						11
49-28	0450320-3	Hose - Cold Air Connection (Cessna Drawing No. 0450274)						1
49-29	NAS397-32P	Clamp - (Tinnerman A3499-32-4)						2

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

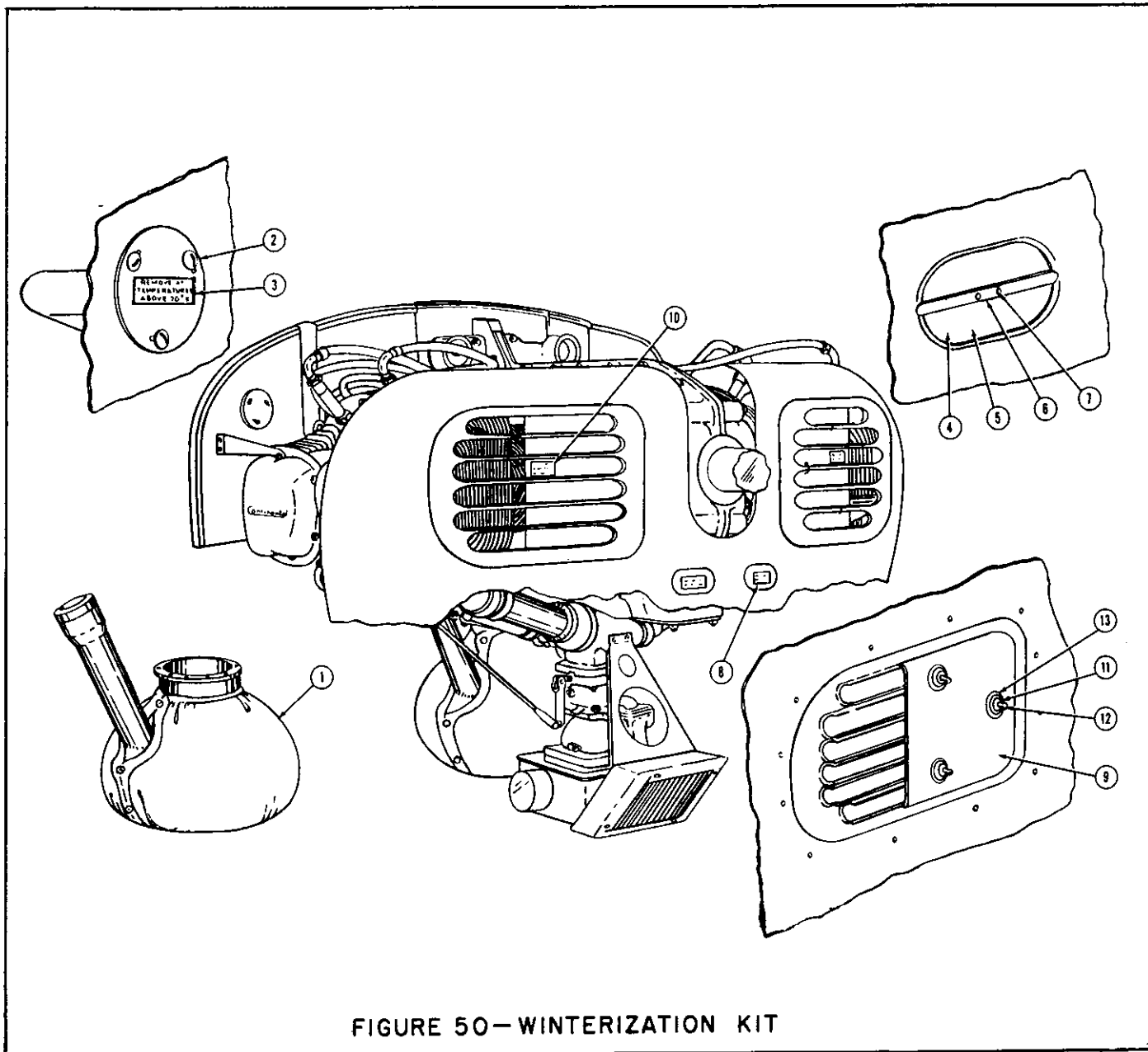


FIGURE 50—WINTERIZATION KIT

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	52-3-122	Installation Kit - Winterization (With Oil Tank Cover) (Cessna 04501C2)						1
50-1	0450316-1	Cover - Oil Tank						1
	52-3-49	Installation Kit - Winterization (Less Oil Tank Cover)						1
50-2	0450310	Cover - Oil Blast Tube						1
50-3	0452167	Decal - Winterization (Remove Above 70°F)						1
50-4	0452161	Cover - Cowl Vent						2
50-5	0452162	Plug - Cowl Vent						2
50-6	0452163	Clip - Plug						2
50-7	AN455AD3	Rivet						4
50-8	0452167	Decal - (Remove Above 70°F)						2
50-9	0452165	Cover - Cowl Grill Winterization						2
50-10	0452168	Decal - (Remove Above 40°F)						2
50-11	0452166	Fastener - Grill Winterization Cover						6
50-12	0452166-2	Shaft - Fastener						6
50-13	0452166-3	Spring - Fastener						6

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

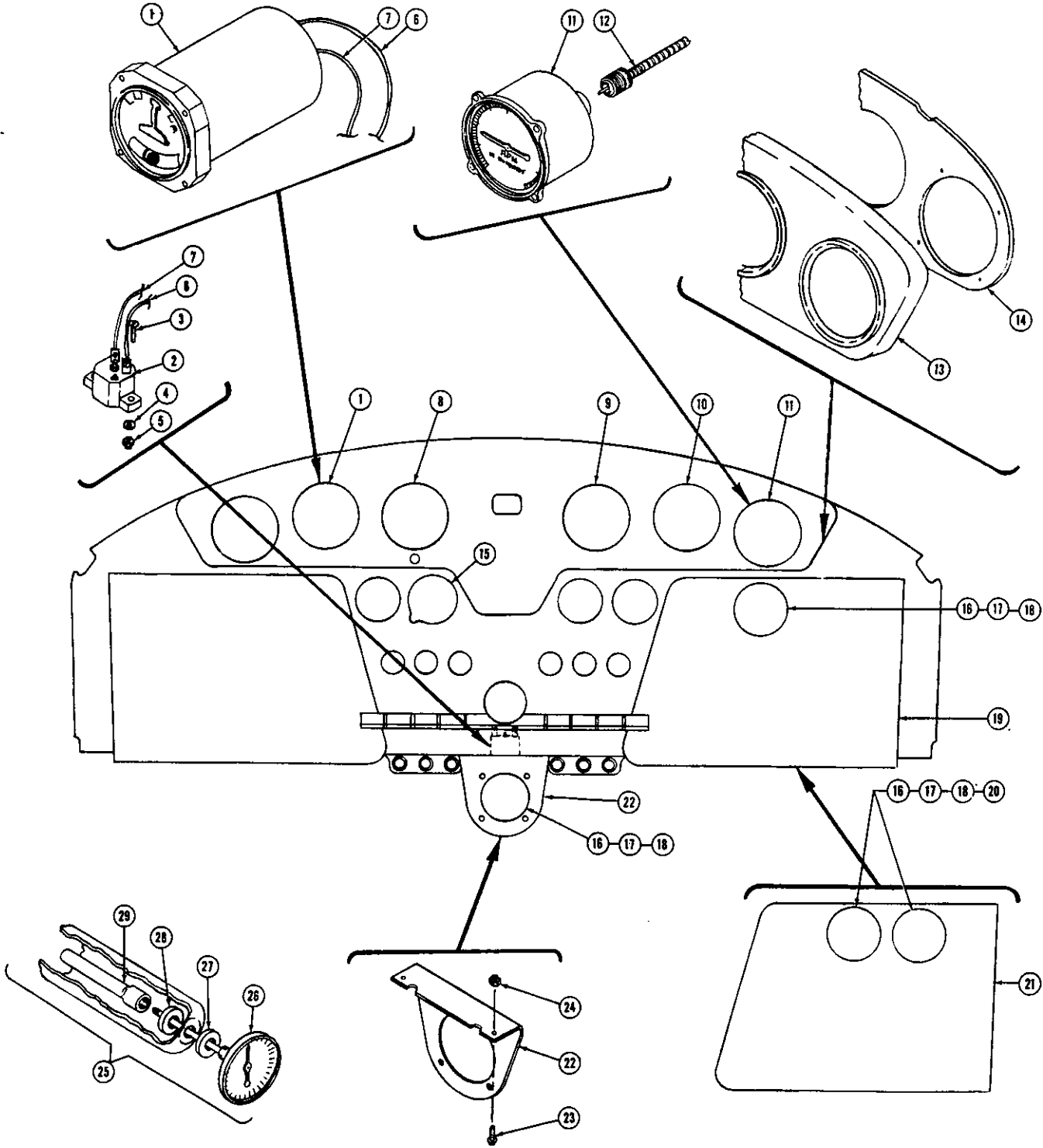


FIGURE 51-OPTIONAL INSTRUMENT COMBINATIONS

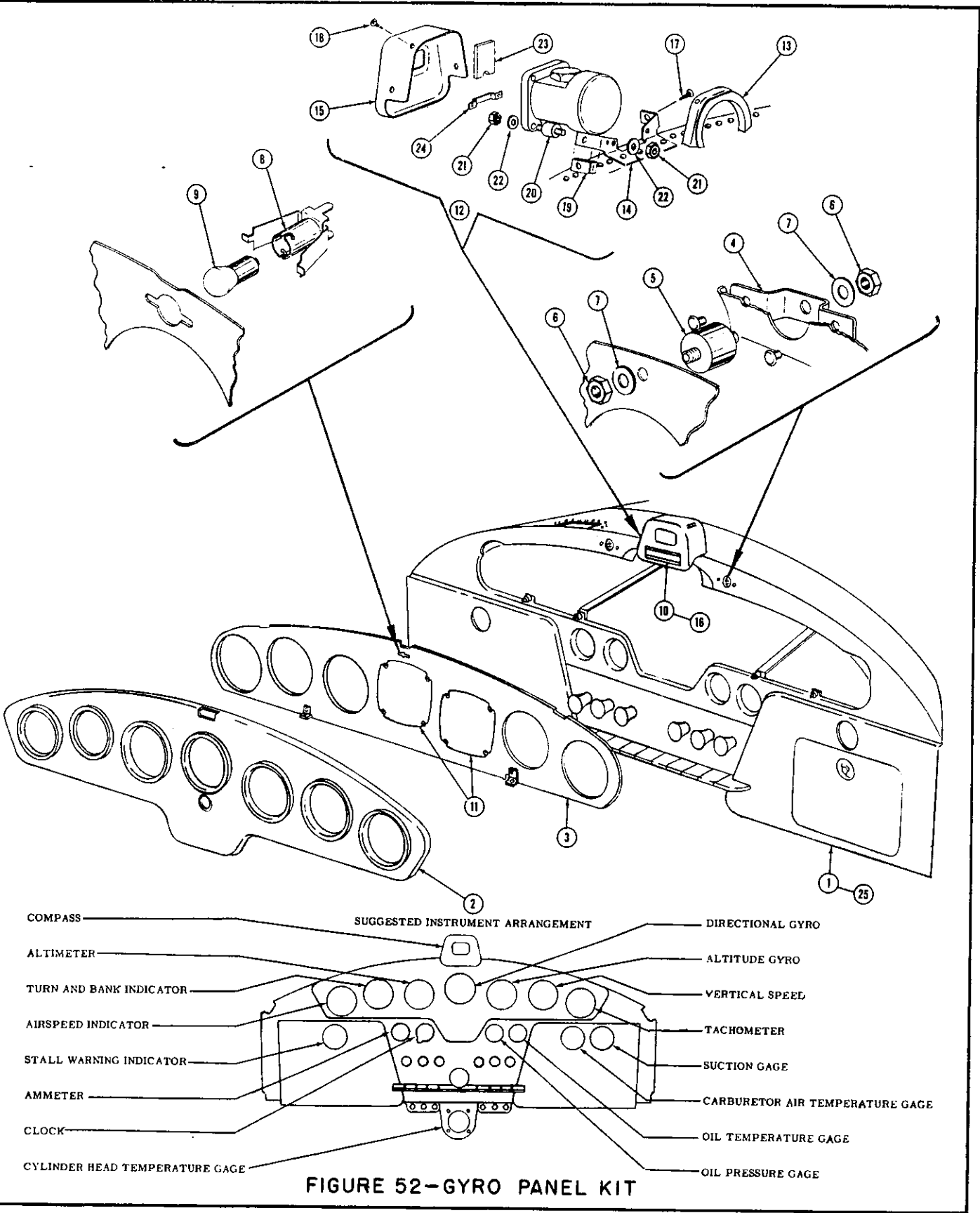


ILLUSTRATED PARTS CATALOG

FIGURE 51

OPTIONAL EQUIPMENT - INSTRUMENT COMBINATIONS

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
		Instrument Combinations - Standard Panel Optional						
	52-3-74	Installation Kit - Turn And Bank Indicator						1
51-1	04111085-1						Indicator - Turn And Bank	1
51-2	CA-2						Circuit Breaker	1
51-3	AN515-8R12						Screw	2
51-4	AN936A8						Washer	2
51-5	AN340-8						Nut	2
51-6	0400005-4						Wire	1
51-7	0400005-15						Wire	1
51-8	0411084-2						Altimeter - Sensitive	1
51-9	0411088-1						Indicator - Vertical Speed	1
51-10	52-3-160						Gage Installation - Manifold Pressure (See Figure 53)	1
51-11	0411087-13						Tachometer - Recording (C-85 Engine)	1
	0411087-17						Tachometer - Recording (C-90 Engine)	1
51-12	0450017-7						Shaft - Tachometer Drive	1
51-13	0412518						Cover - Shock Panel (Serials 15200 to 15470)	1
51-14	0513025						Panel Assembly - Shock (Serials 15200 to 15470)	1
							Note	
							For 140A airplanes prior to serial 15470, the shock panel and shock panel covers should be replaced with items 13 and 14, obtain instrument arrangement shown.	
51-15	AN5743L1						Clock	1
51-16	52-3-159						Gage Installation - Manifold Pressure (See Figure 53)	1
51-17	52-3-130						Gage Installation - Carburetor Air Temperature (See Figure 53)	1
51-18	0511050						Gage Installation - Cylinder Head Temperature (See Figure 55)	1
51-19	0513114-5						Panel Assembly - Right	1
51-20	52-3-126						Gage Installation - Manifold Pressure And Carburetor Air Temperature	1
51-21	0513114-6						Panel Assembly-Right	1
51-22	0411843						Bracket	1
51-23	AN515-8R8						Screw	2
51-24	AN365-832						Nut	2
51-25	0411078-1						Gage Assembly - Outside Air Temperature	1
51-26							Gage	1
51-27							Gasket	1
51-28							Washer	1
51-29							Shield	1
							} Not Available As Separate Items	



- COMPASS
- ALTIMETER
- TURN AND BANK INDICATOR
- AIRSPED INDICATOR
- STALL WARNING INDICATOR
- AMMETER
- CLOCK
- CYLINDER HEAD TEMPERATURE GAGE
- SUGGESTED INSTRUMENT ARRANGEMENT
- DIRECTIONAL GYRO
- ALTITUDE GYRO
- VERTICAL SPEED
- TACHOMETER
- SUCTION GAGE
- CARBURETOR AIR TEMPERATURE GAGE
- OIL TEMPERATURE GAGE
- OIL PRESSURE GAGE

FIGURE 52-GYRO PANEL KIT



ILLUSTRATED PARTS CATALOG

FIGURE 52

OPTIONAL EQUIPMENT - GYRO PANEL KIT

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	52-3-835	Installation Kit - Gyro Panel (Serials 15200 to 15470) (Cessna 0511010)						1
52-1	0513114-3	Panel Assembly - Right						1
52-2	0513026	Cover - Shock Panel						1
52-3	0513025	Panel - Shock (Less Instruments)						1
52-4	0511010-4	Bracket - Shock Mount						2
52-5	0411059-1	Mount - Shock						2
52-6	AN340B8	Nut						4
52-7	AN936A8	Washer						4
52-8	0411035-1	Socket - Light						1
52-9	0511060	Bulb						1
52-10	0513012	Card - Compass						1
52-11	0411897	Plate - Instrument Opening Cover						2
52-12	0511010-50	Panel Assembly - Compass						1
52-13	0511010-12	Shield Assembly - Compass						1
52-14	0511010-6	Bracket - Compass Mounting						1
52-15	0511010-8	Cover - Compass						1
52-16	0513020	Retainer - Compass Card						1
52-17	PK76XZ-6-8	Screw						2
52-18	PK76XZ-4-5	Screw						2
52-19	NAS395-3	Nut (A6052-62-3 Tinnerman)						2
52-20	0411059-1	Mount - Shock						2
52-21	AN340B8	Nut						4
52-22	AN936A8	Washer						4
52-23	0511021	Conductor - Light						1
52-24	0511010-15	Bracket - Light Conductor						1
	52-3-822	Installation Kit - Gyro Panel (Serials 15470 to 15635)						1
52-1	0513114-3	Panel Assembly - Right						1
52-2	0513126	Cover - Shock Panel						1
52-4	0511010-4	Bracket - Shock Mount						2
52-5	0411059-1	Mount - Shock						4
52-6	AN340B8	Nut						8
52-7	AN936A8	Washer						8
52-10	0513012	Card - Compass						1
52-12	0511010-50	Panel Assembly - Compass						1
52-23	0511021	Conductor - Light						1
52-24	0511010-15	Bracket - Light Conductor						1
	52-3-890	Installation Kit - Gyro Panel (Serials 15635 And On)						1
52-2	0513026	Cover - Shock Panel						1
52-4	0511010-4	Bracket - Shock Mount						2
52-5	0411059-1	Mount - Shock						4
52-6	AN340B8	Nut						8
52-7	AN936A8	Washer						8
52-10	0513012	Card - Compass						1
52-12	0511010-50	Panel Assembly - Compass						1
52-23	0511021	Conductor - Light						1
52-24	0511010-15	Bracket - Light Conductor						1
52-25	0513114-5	Panel Assembly - Right						1

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

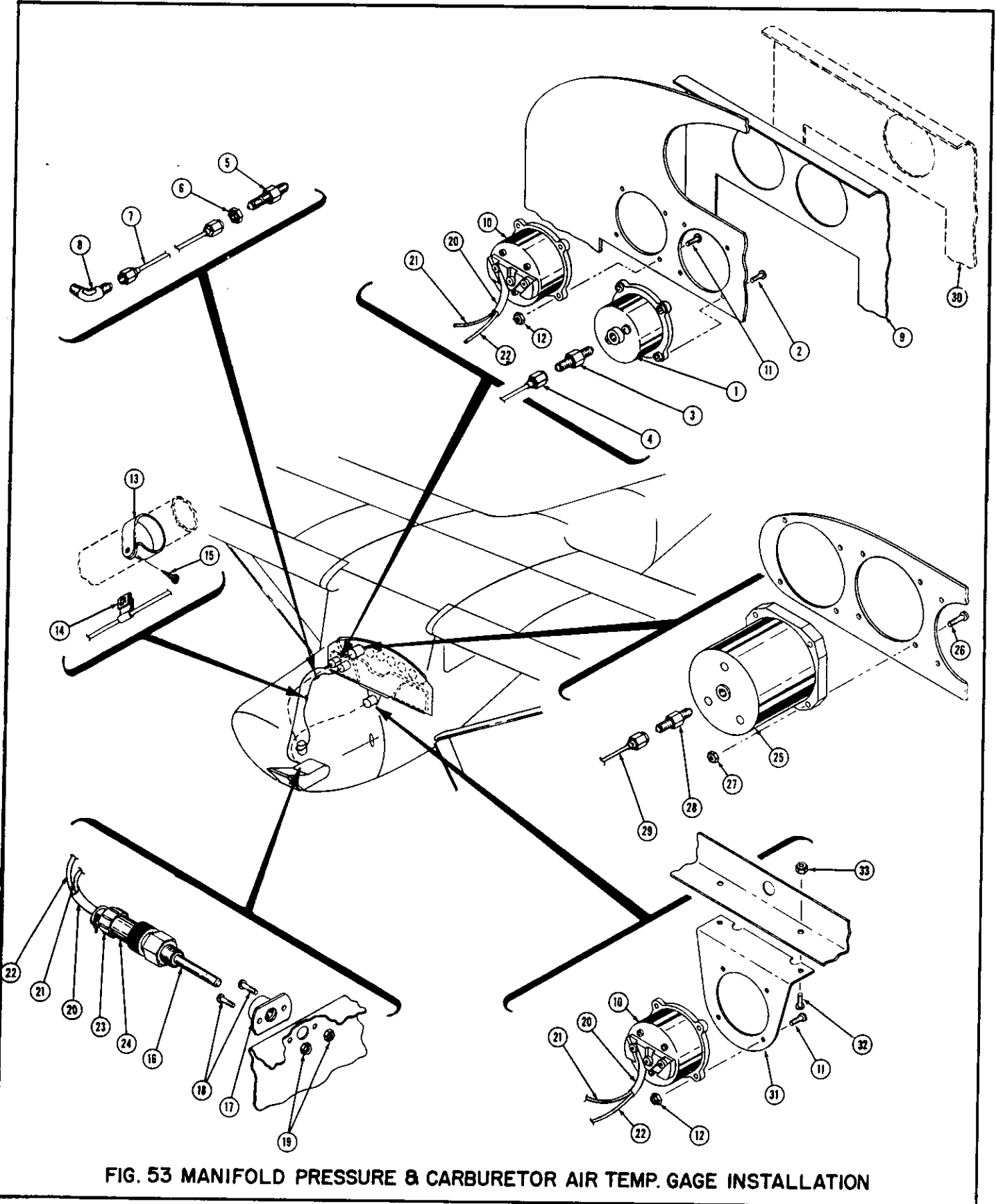


FIG. 53 MANIFOLD PRESSURE & CARBURETOR AIR TEMP. GAGE INSTALLATION

ILLUSTRATED PARTS CATALOG

FIGURE 53 OPTIONAL EQUIPMENT - MANIFOLD PRESSURE & CARBURETOR AIR TEMP. GAGE INST.

FIGURE AND REF NO	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	52-3-126	Gage Installation Kit - Manifold Pressure And Carburetor Air Temperature (Cessna 0413321 and 0411842)						1
53-1	0413319-3	Gage -	Manifold Pressure					1
53-2	AN515-BBR14	Screw						4
53-3	AN816-2D	Adapter						1
53-4	0400106-76	Line -	Manifold Pressure Gage To Firewall					1
53-5	AN832-2D	Coupling						1
53-6	AN924-2D	Nut						1
53-7	0400106-77	Line -	Firewall To Carburetor					1
53-8	AN822-2D	Elbow						1
53-9	0513114-6	Panel Assembly -	Right					1
53-10	0311020-8	Gage -	Carburetor Air Temperature					1
53-11	AN515-8R14	Screw						4
53-12	AN365-832	Nut						4
53-13	AN742D3	Clamp -	(Tinnerman A2980A-3)					1
53-14	NAS434D8	Clamp -	(Tinnerman A2981A-8)					1
53-15	PK76XZ-8-8	Screw						1
53-16	0311020-7	Bulb -	Carburetor Air Temperature					1
53-17	0411849	Nut						1
53-18	AN515-6R8	Screw						2
53-19	AN365-632	Nut						2
53-20	0511055-3	Wire Assembly						1
• 53-21	0500005-9c	Wire						1
33-22	0500005-97	Wire						1
53-23	AN3108-12S-3S	Plug						1
53-24	AN3057-4	Adapter						1
	52-3-160	Gage Installation - Manifold Pressure (Cessna 0413321-1)						1
53-25	0311029	Gage -	Manifold Pressure					1
53-26	AN515-BBR14	Screw						4
53-27	AN365-832	Nut						4
53-28	AN816-2D	Adapter						1
53-29	0400106-56	Line -	Manifold Pressure Gage To Firewall					1
53-5	AN832-2D	Coupling						1
53-6	AN924-2D	Nut						1
53-7	0400106-77	Line -	Firewall To Carburetor					1
53-8	AN822-2D	Elbow						1
	52-3-159	Gage Installation - Manifold Pressure (Cessna 0413321)						1
53-1	0413319-3	Gage -	Manifold Pressure					1
53-2	AN515-BBR14	Screw						4
53-3	AN816-2D	Adapter						1
53-4	0400106-76	Line -	Manifold Pressure Gage To Firewall					1
53-5	AN832-2D	Coupling						1
53-6	AN924-2D	Nut						1
53-7	0400106-77	Line -	Firewall To Carburetor					1
53-8	AN822-2D	Elbow						1
53-30	0513114-5	Panel Assembly -	Right					1
	52-3-130	Gage Installation - Carburetor Air Temperature (Electric) (Serials 15200 To 15635) (Cessna 0411842)						1
53-31	0411843	Bracket -	Gage Mounting					2
53-32	AN515-8R8	Screw -	Attach Bracket					2
53-33	AN365-832	Nut -	Attach Bracket					1
53-10	0311020-8	Gage -	Carburetor Air Temperature					1
53-11	AN515-8R14	Screw						4
53-12	AN365-832	Nut						4
53-13	AN742D3	Clamp -	(Tinnerman A2980A-3)					1
53-14	NAS434D8	Clamp -	(Tinnerman A2981A-8)					1
53-15	PK76XZ-8-8	Screw						1
53-16	0311020-7	Bulb -	Carburetor Air Temperature					1
53-17	0411849	Nut						1
53-18	AN515-6R8	Screw						2
53-19	AN365-632	Nut						2
53-20	0511055-3	Wire Assembly						1
	52-3-894	Gage Installation - Carburetor Air Temperature (Electric) (Serials 15635 And On) (Cessna 0411842)						1
53-10	0311020-8	Gage -	Carburetor Air Temperature					1
53-11	AN515-8R14	Screw						4
53-12	AN365-832	Nut						4
53-13	AN742D3	Clamp -	(Tinnerman A2980A-3)					1
53-14	NAS434D8	Clamp -	(Tinnerman A2981A-8)					1
53-15	PK76XZ-8-8	Screw						1



ILLUSTRATED PARTS CATALOG

FIGURE 53 OPTIONAL EQUIPMENT - MANIFOLD & CARBURETOR AIR TEMP. GAGE INST. (CONT'D)

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
53-16	0311020-7			Bulb				1
53-17	0411849			Nut				1
53-18	AN515-6R8			Screw				2
53-19	AN365-632			Nut				2
53-20	0511055-3			Wire Assembly				1
53-30	0513114-5			Panel Assembly - Right				1
53-9	0513114-6			Panel Assembly - Right (Alternate For 0513114-5)				1

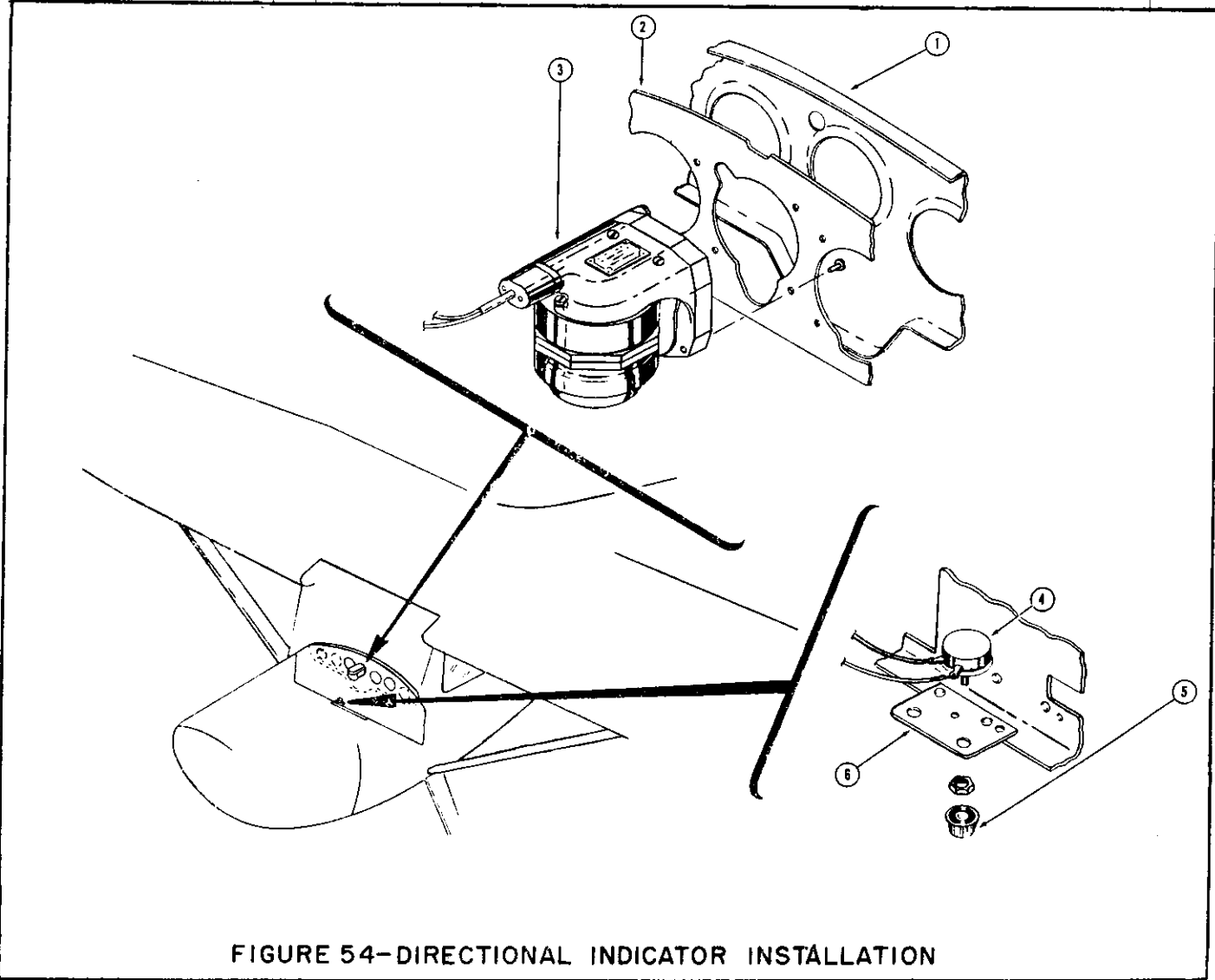


FIGURE 54-DIRECTIONAL INDICATOR INSTALLATION

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	0511230			Indicator Installation - Directional				1
54-1	0412518-1			Cover Assembly - Shock Panel				1
54-2	0513025			Panel - Shock (Serials 15200 To 15470)				1
54-3	0311016-1			Indicator - Directional				1
	0413126			Rheostat Assembly				1
54-4	0413126-2			Rheostat				1
54-5	0413126-3			Knob - Rheostat				1
54-6	0413131-3			Bracket				1

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

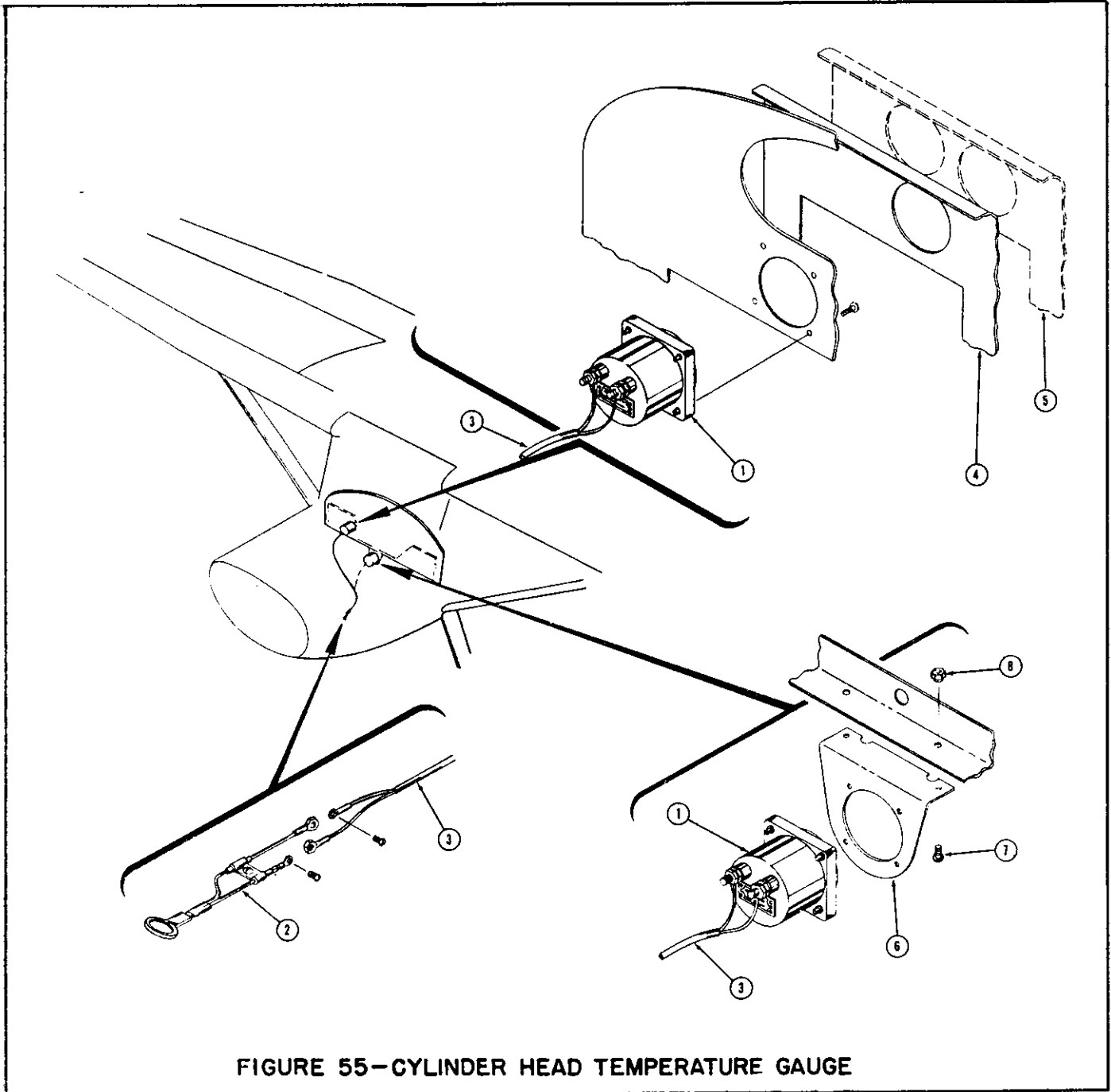


FIGURE 55-CYLINDER HEAD TEMPERATURE GAUGE

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	0511050	Gage Installation - Cylinder Head Temperature (Reference Only)						
	52-3-889	Kit - Cylinder Head Temperature						1
55-1	0511068	Gage - Cylinder Head Temperature						1
55-2	0311018-9	Thermocouple						1
55-3	0311018-7	Lead - Thermocouple						1
55-4	0513114-5	Panel Assembly - Right (1 Hole)						1
55-5	0513114-6	Panel Assembly - Right (2 Holes) (Alternate For Item 4)						1
55-6	0411843	Bracket - Instrument Mounting (Alternate For Item 4)						1
55-7	AN515-8R8	Screw - (Attach 0411843)						2
55-8	AN365-832	Nut - (Attach 0411843)						2

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE



ILLUSTRATED PARTS CATALOG

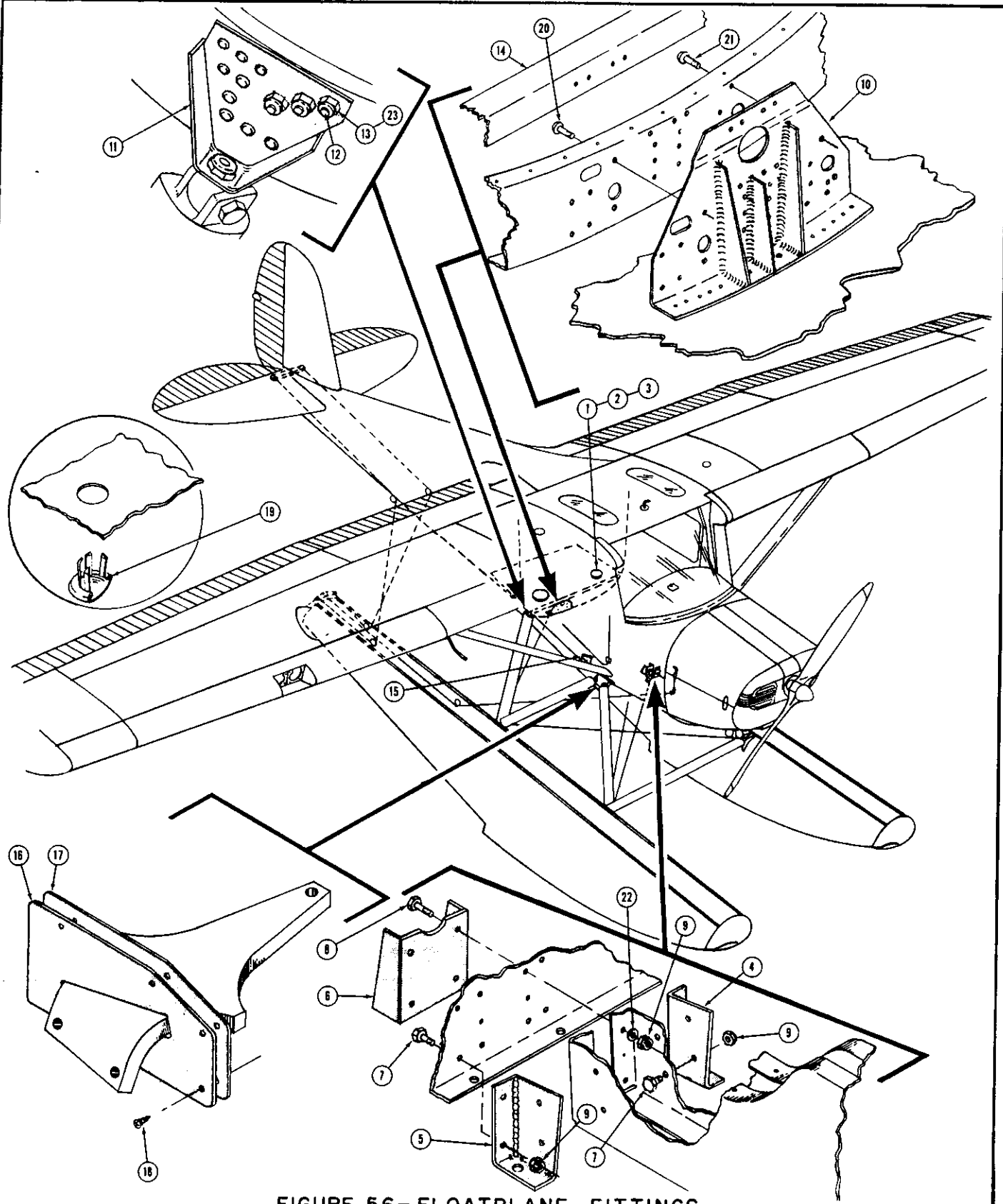


FIGURE 56-FLOATPLANE FITTINGS



ILLUSTRATED PARTS CATALOG

FIGURE 56

OPTIONAL EQUIPMENT - FLOATPLANE FITTINGS

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	52-3-57	Edo	Float	Kit	+ Cessna	Furnished	Parts (Cessna 0441100)	1
56-1	0411530		Plates	-	Floorboard	Inspection		2
56-2	PK76XZ-10-8		Screw					12
56-3	NAS395-23-3		Nut	-	(Tinnerman A1794-10Z-3)			12
56-4	0440106		Fitting	-	Left	Front Inboard		1
56-5	0440106-1		Fitting	-	Right	Front Inboard		1
56-6	0440107		Fitting	-	Aft	Front Inboard		1
56-7	AN3-4A		Bolt	-	(Attach	Fitting)		8
56-8	AN3-5A		Bolt	-	(Attach	Fitting)		4
56-9	AN365-1032		Nut					12
56-10	0440108		Fitting	-	Rear	Inboard		1
56-11	0440109		Fitting	-	Rear	Outboard Left		1
	0440109-1		Fitting	-	Rear	Outboard Right		1
56-12	AN4-4A		Bolt	-	(Attach	Fitting)		6
56-13	AN365-428		Nut					6
56-14	0440110		Support	-	Bulkhead			1
56-15	0440113		Plate	-	Reinforcement	Left		1
	0440113-1		Plate	-	Reinforcement	Right		1
56-16	0440111-21		Plate	-	Landing	Gear Cover		2
56-17	0440111-22		Seal	-	Landing	Gear Cover		2
56-18	PK76XZ-6-4		Screw					22
56-19	0422342		Grommet	-	Drain			2
56-20	AN520-10R9		Screw					6
56-21	AN526-1032R-8		Screw					2
56-22	AN960-10		Washer					4
56-23	AN960-D416		Washer					6
			Note:					
			For	Seaplane	Propeller	See	Figure 58	
	52-3-138		Cables	-	Stainless	Steel	Seaplane	1
	0400107-17S		Cable	-	Wheel	To	Aileron	2
	0400107-18S		Cable	-	Aileron	Carry	Thru	1
	0400107-4S		Cable	-	Rudder	Control		2
	0400107-5S		Cable	-	Elevator	Control	Up	1
	0400107-9S		Cable	-	Elevator	Control	Down	1
	0400107-13S		Cable	-	Elevator	Tab	Aft	1
	0400107-14S		Cable	-	Elevator	Tab	Forward	1
	0400107-10S		Cable	-	Flap	Control		1
	0400107-11S		Cable	-	Elevator	Tab	Carry Thru Forward	1
	0400107-12S		Cable	-	Elevator	Tab	Carry Thru Aft	1

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE



ILLUSTRATED PARTS CATALOG

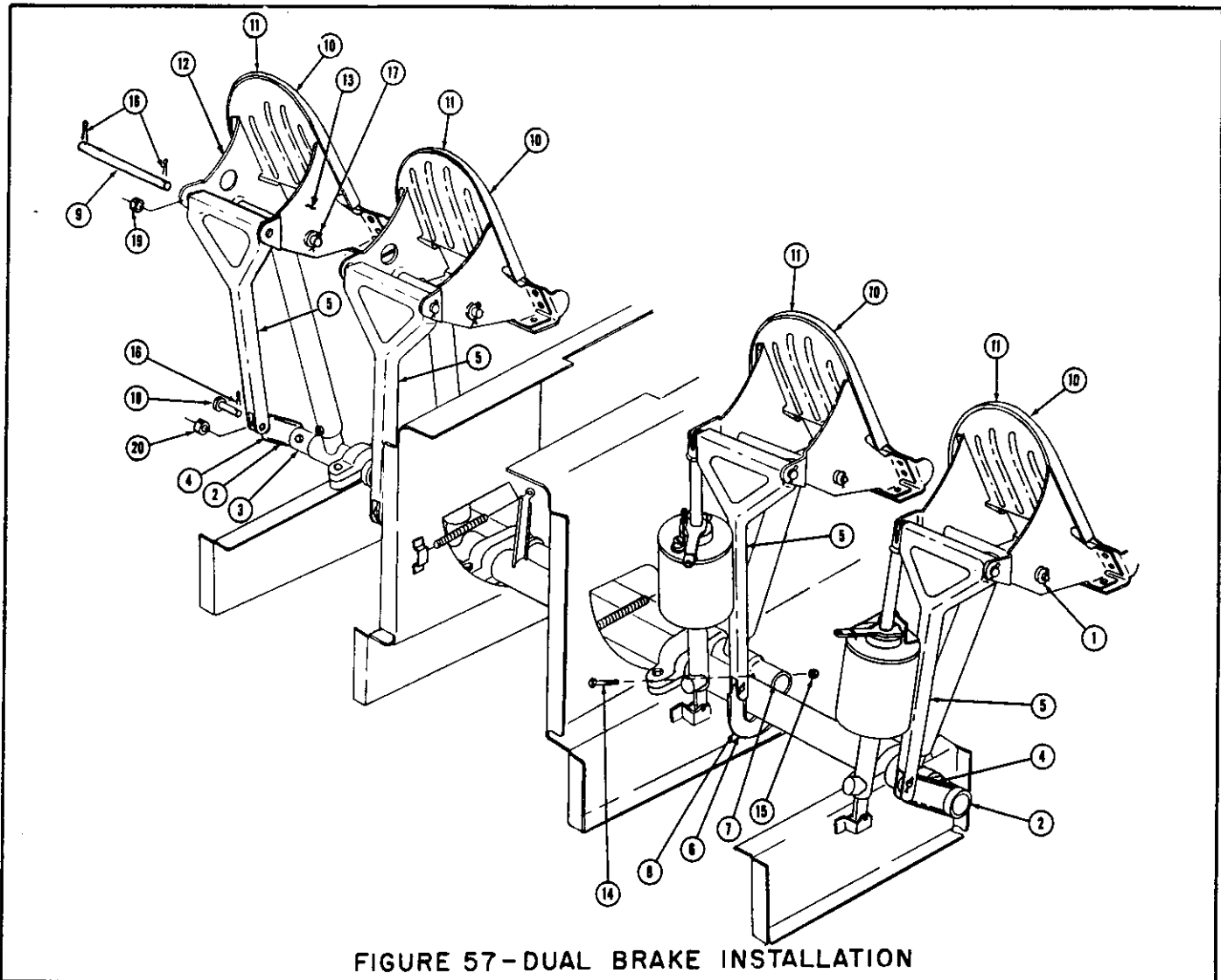


FIGURE 57-DUAL BRAKE INSTALLATION

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	52-3-20	Installation Kit - Single To Dual Brake (Cessna Drawing No. 0411455) (15200 And On)						
57-1	0411369-2							2
57-2	0411563							3
57-3	0411562							1
57-4	0411561							1
57-5	0411564							4
57-6	0411573							1
57-7	0411562							1
57-8	0411574							1
57-9	0411778-2							4
57-10	0310452							2
57-11	0310452-2							1
57-12	0310452-3							1
57-13	0310452-4							1
57-14	AN-3-10A							4
57-15	AN-365-1032							4
57-16	AN380-2-2							12
57-17	AN380-3-4							8
57-18	AN393-13							4
57-19	NAS-42-6-8							2
57-20	NAS-43C-3-12							4

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE



ILLUSTRATED PARTS CATALOG

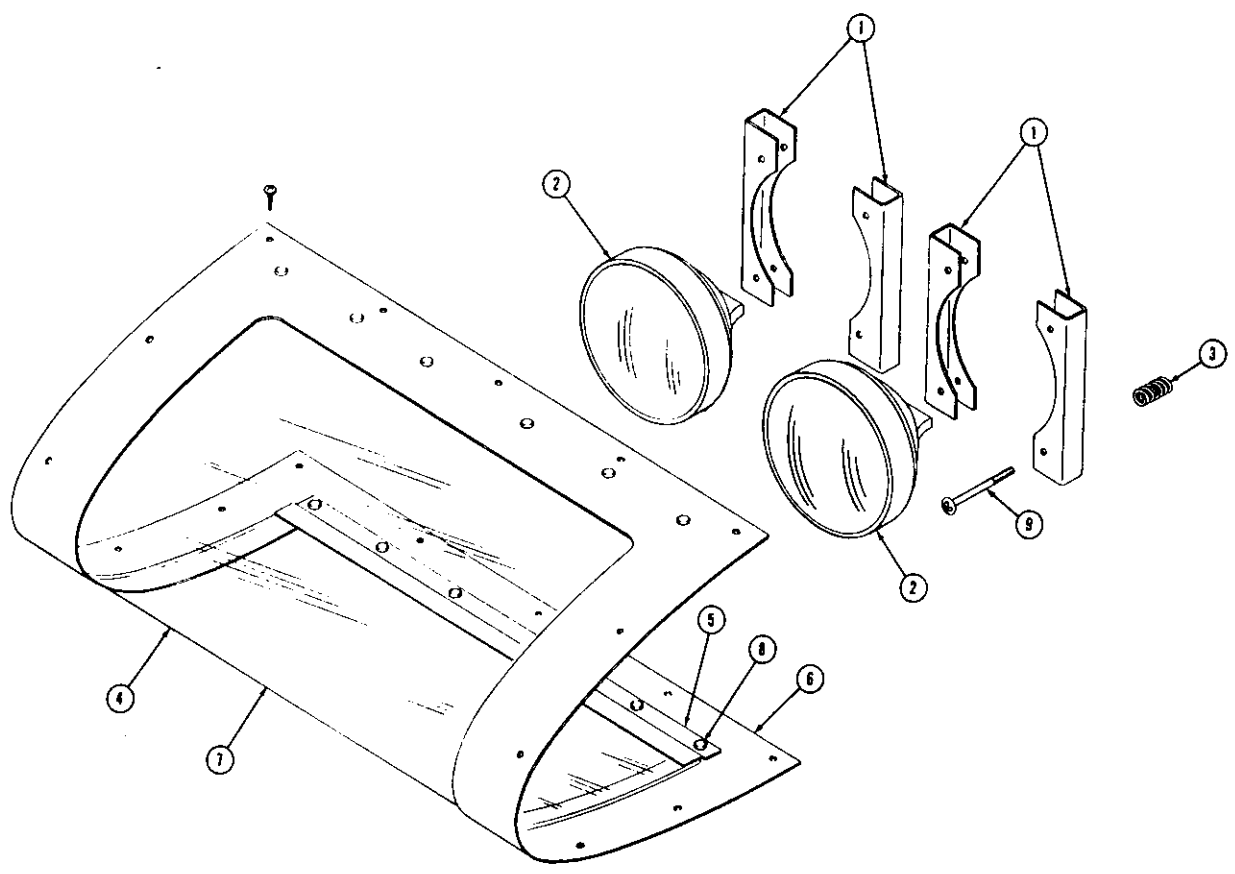


FIGURE 59 - LANDING LIGHT KIT

FIGURE AND REF. NO.	PART NUMBER	PART NAME							UNITS REQ'D ON MODEL	
			1	2	3	4	5	6		
	52-3-832	Installation Kit - Landing Light (Cessna Drawing No. 0422007)								
59-1	0523117	Channel - Landing Light Support								4
59-2	0523118-1	Light - Landing								2
59-3	0523116	Spring - Landing Light								8
59-4	0523115	Window Assembly - Landing Light								1
59-5	0523115-3	Retainer								2
59-6	0523115-4	Frame								1
59-7	0523115-5	Window								1
59-8	AN470AD3	Rivet								12
59-9	AN526-832R26	Screw								8

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

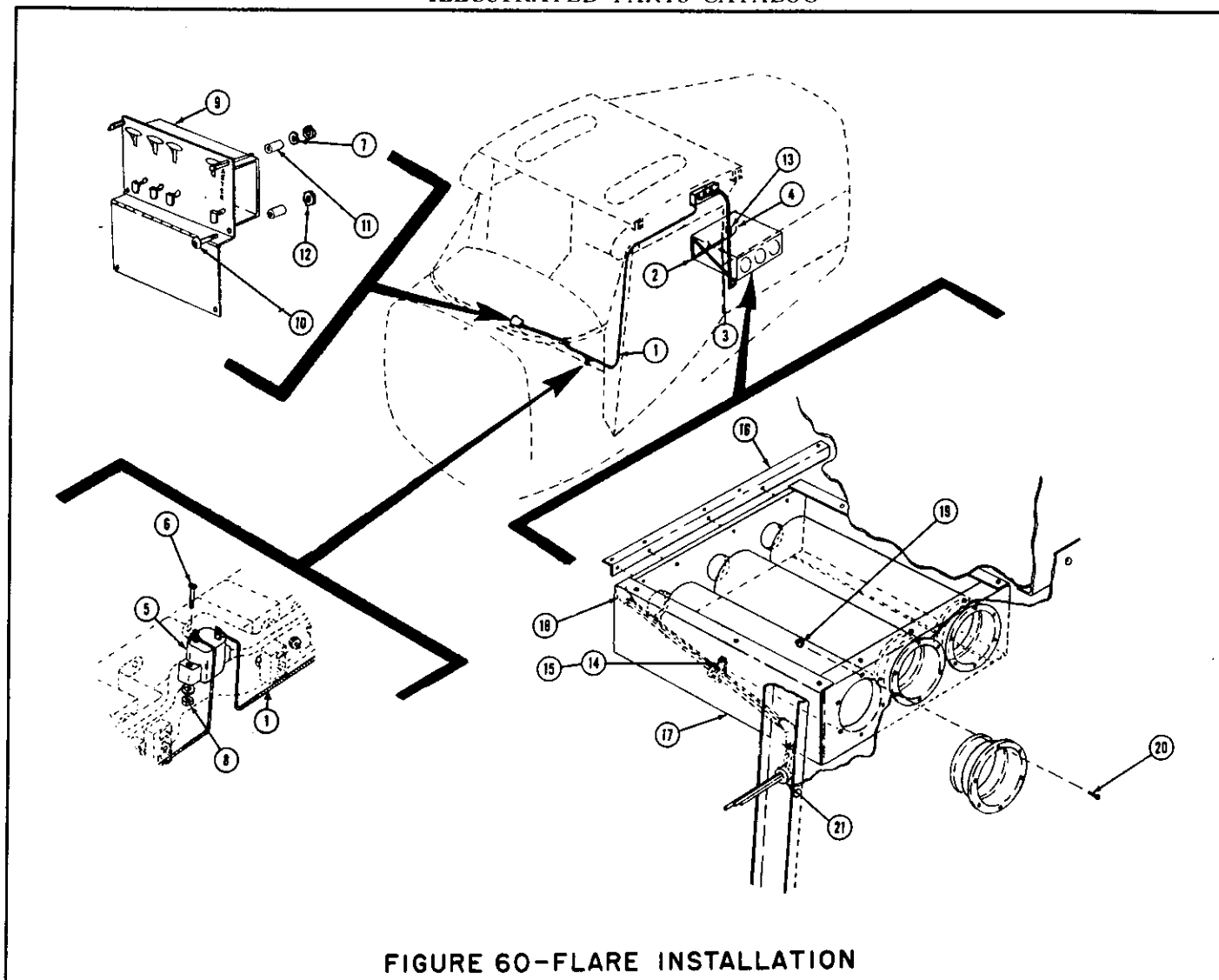


FIGURE 60-FLARE INSTALLATION

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	52-3-162	Installation Kit - Three 1 1/2 Minute Flares (Cessna Drawing No. 0411981)						
60-1	0400007-57	Wire Assembly -						1
60-2	0400007-58	Wire Assembly -						1
60-3	0400007-59	Wire Assembly -						1
60-4	0400007-60	Wire Assembly -						1
60-5	CA-2	Circuit Breaker -						1
60-6	AN515-8R12	Screw						2
60-7	AN936A6	Washer						4
60-8	AN340-8	Nut						2
60-9	0411985-3	Switch Flare						1
60-10	AN520-6R12	Screw						2
60-11	NAS43-1-20	Spacer						4
60-12	AN365-640	Nut						2
60-13	1823	Clips - AV-VE-Co.						2
60-14	NAS435D4	Clamp - (Tinnerman A3047A-4)						1
60-15	PK76XZ-8-6	Screw						1
60-16	0411981-5	Angle						1
60-17	0411981-6	Bracket - Flare						1
60-18	#3	Tube Transflex (3 1/2" Length)						2
60-19	AN365-632	Nut						18
60-20	AN526-632-8	Screw						18
60-21	AN931-3-5	Grommet						2

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

FIGURE

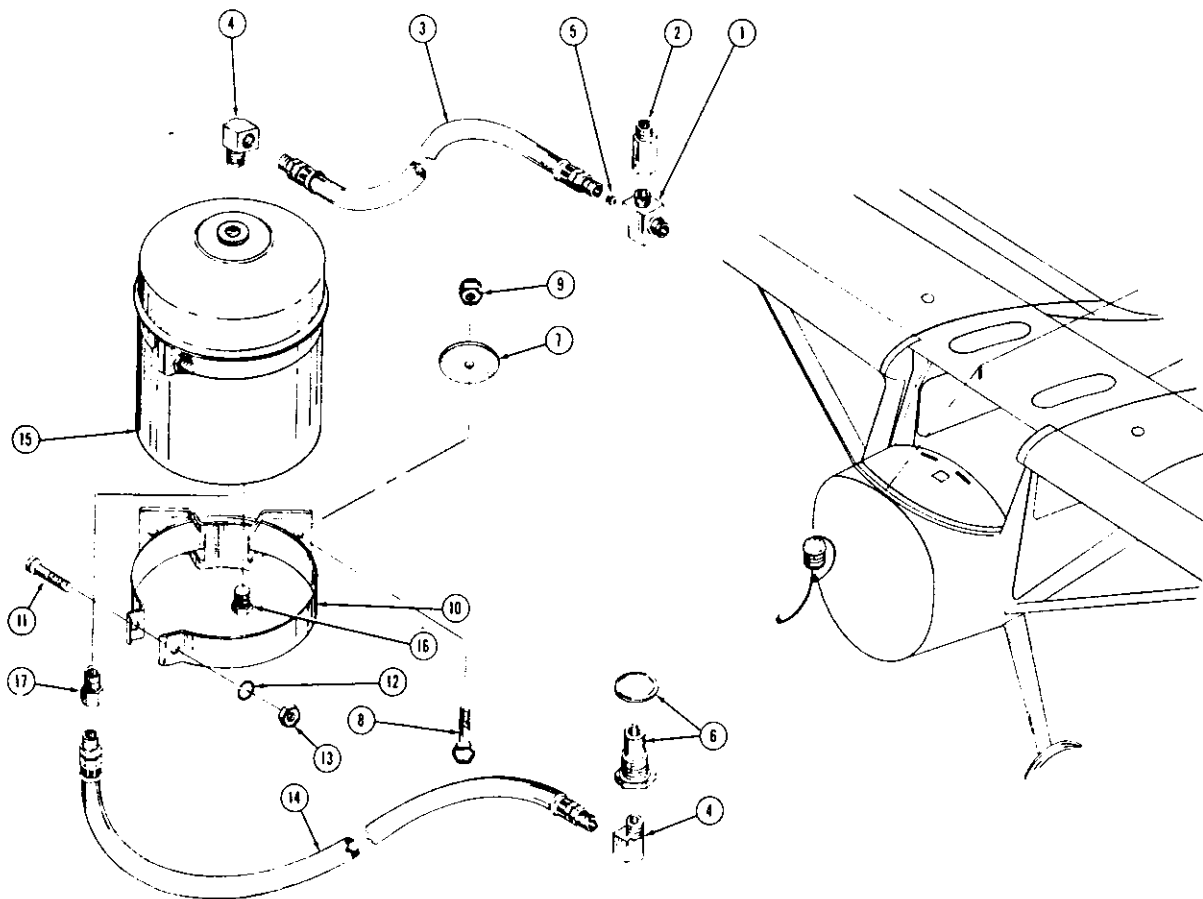


FIGURE 61-OIL FILTER INSTALLATION

FIGURE AND REF NO	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	52-3-142	Installation Kit - Fram Oil Filter (Cessna Drawing No. C450334)						
	0450334	Oil Filter Installation						1
61-1	0550150-3							1
61-2	0550150-2							1
61-3	0550150-5							1
61-4	0550150-6							2
61-5	0550150-4							1
61-6	0550150-11							4
61-7	AN73-4							2
61-8	AN4-5A							2
61-9	AN365-426							2
61-10	0450334-2							2
61-11	AN503-6-2							2
61-12	AN335-6							2
61-13	AN340-6							2
61-14	0550150-10							1
61-15	0550150-7							2
61-16	0550150-13							2
61-17	0550150-9							2

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

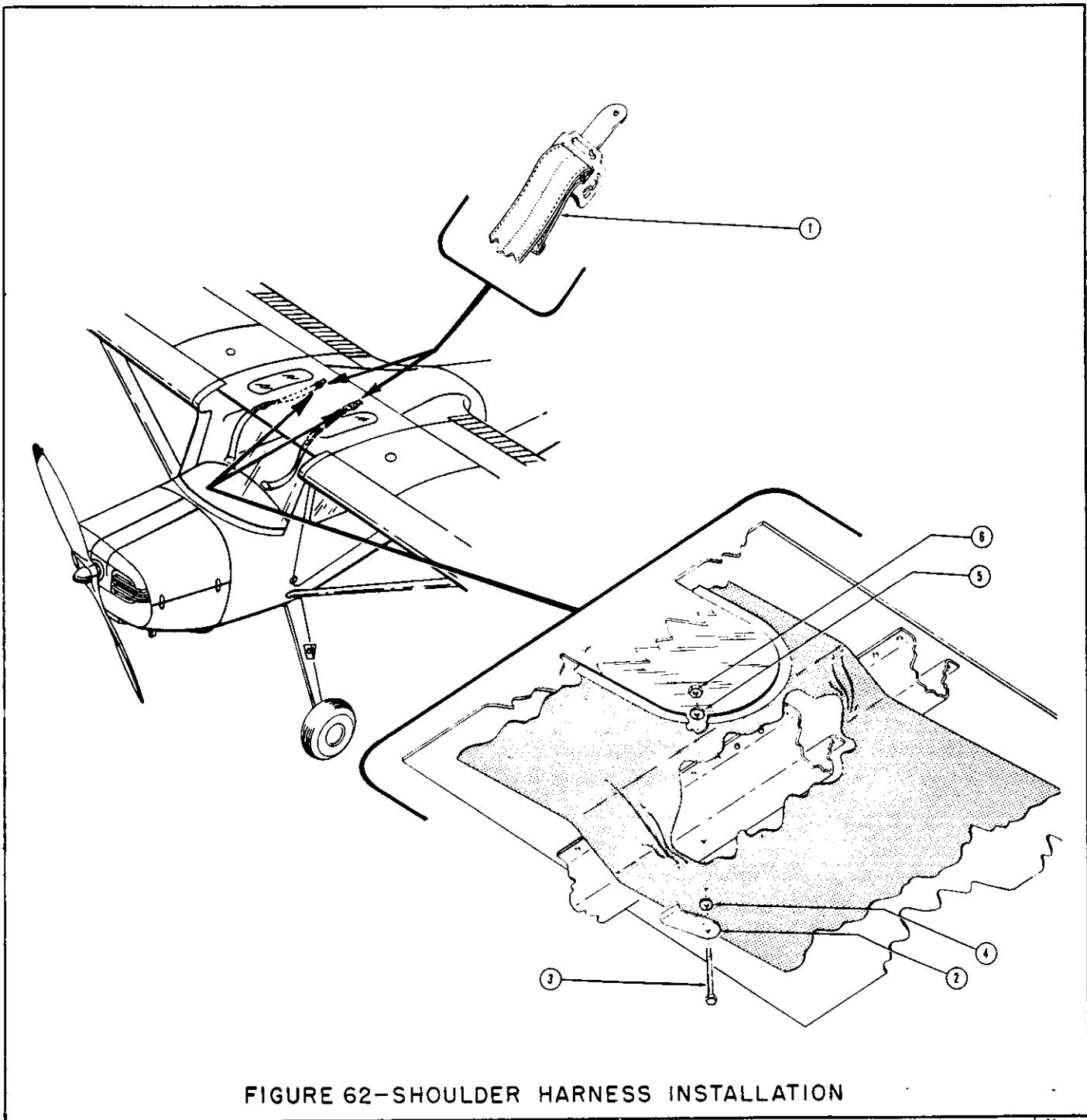


FIGURE 62-SHOULDER HARNESS INSTALLATION

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	52-3-914	Installation Kit - Shoulder Harness						1
62-1	0511233	Harness - Shoulder						1
62-2	0511232-3	Hook - Shoulder Harness						1
62-3	AN3-25A	Bolt						1
62-4	AN960-10L	Washer						1
62-5	AN960-10	Washer						1
62-6	AN305-1032	Nut						1

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

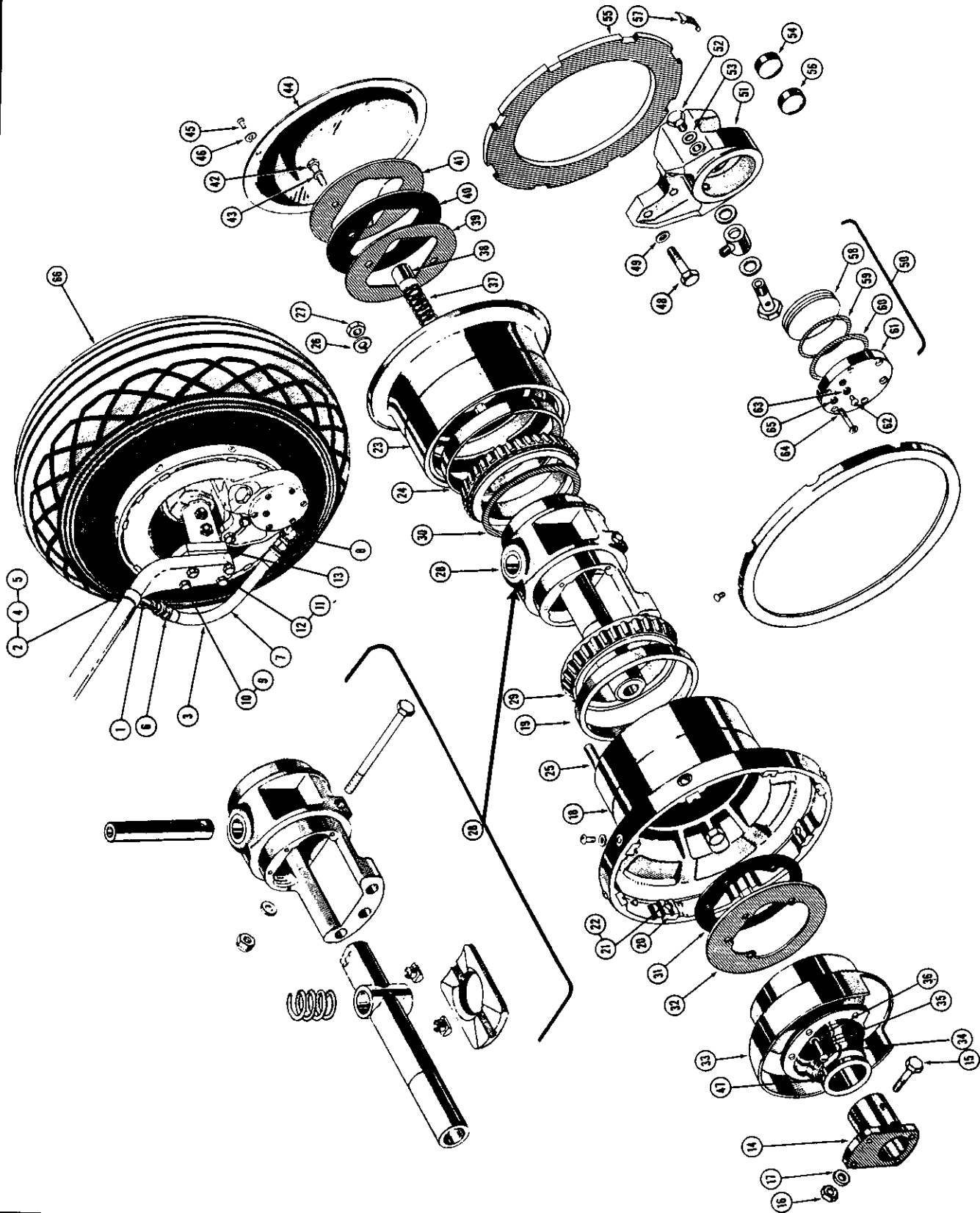


FIGURE 63—CROSSWIND LANDING GEAR

ILLUSTRATED PARTS CATALOG

FIGURE 63

OPTIONAL EQUIPMENT - CROSSWIND LANDING GEAR

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	52-3-127	Wheel Installation Kit - Crosswind Landing (Cessna Drawing 0441150)						1
63-1	0400106-80	Line Assembly - Brake - Left						1
	0400106-81	Line Assembly - Brake - Right						1
63-2	0441150-4	Clamp - Brake Line						2
63-3	0441119	Hose - Brake Line Protector						2
63-4	AN526-832R10	Screw - (Attach Brake Line Clamp)						2
63-5	AN365-832	Nut						2
63-6	AN815-4D	Union						2
63-7	AN6260-4D-10	Hose - Flexible						2
63-8	AN776-4D	Elbow						2
	AN775-4	Bolt						2
	AN901-4C	Gasket						2
63-9	AN5H-12	Bolt - (Two Top Holes)						4
63-10	AN960-516	Washer - (Rear Bolt Only)						2
63-11	AN76-11	Bolt - (Two Bottom Holes)						4
63-12	AN960-616L	Washer - (Rear Bolt Only)						2
63-13	0541111	Shim - Landing Gear - (See Installation Instructions)						AR
63-14	0441150-2	Collar - Axle Attachment - Left						1
	0441150-3	Collar - Axle Attachment - Right						1
63-15	0440051	Bolt - Axle Attachment Collar						4
63-16	AN364-624	Nut						4
63-17	AN960-616L	Washer						4
	0541116	Wheel and Brake Assembly - Crosswind Landing Gear - Left						1
	0541116-1	Wheel and Brake Assembly - Crosswind Landing Gear - Right						1
	0541116-2	Wheel Assembly - Left						1
	0541116-3	Wheel Assembly - Right						1
63-18	0541116-4	Wheel Sub Assembly - Inboard Half						1
63-19	0541116-5	Cup - Bearing						1
63-20	0541116-6	Key - Disc Drive						8
63-21	0541116-7	Screw - Key Retainer						8
63-22	AN960-416L	Washer						8
63-23	0541116-8	Wheel Sub Assembly - Outboard Half						1
63-24	0541116-9	Cup - Bearing						1
63-25	AN4-45A	Bolt - (Attach Wheel Halves Together)						4
63-26	AN960-10	Washer						4
63-27	AN365-428	Nut						4
63-28	0541116-10	Hub and Axle Sub Assembly						1
63-29	0541116-11	Cone Bearing						2
63-30	0541116-12	Shim - Pack						1
63-31	0541116-13	Plate - Inboard Bearing Seal Gasket						1
63-32	0541116-14	Gasket - Bearing Seal						1
63-33	0541116-16	Plate - Deflector - Left						1
	0541116-15	Plate - Deflector - Right						1
63-34	0541116-17	Boot - Axle						1
63-35	AN515-6-8	Screw - (Attach Deflector Plate)						3
63-36	AN936A6	Washer - Lock						3
63-37	0541116-18	Spring - Stabilizer Brake						1
63-38	0541116-19	Lining - Stabilizer Brake						1
63-39	0541116-20	Plate - Stabilizer Cap Gasket						1
63-40	0541116-21	Gasket - Cap						1
63-41	0541116-22	Cap - Stabilizer						1
63-42	AN74A5	Bolt - (Attach Stabilizer Cap)						2
63-43	AN935-416	Washer - Lock						2
63-44	0541116-23	Fairing - Wheel						1
63-45	AN515-6-4	Screw - (Attach Wheel Fairing)						3
63-46	AN936A6	Washer - Lock						3
63-47	0541116-24	Clamp						1
63-48	AN75A10	Bolt - (Attach Brake To Wheel)						3
63-49	AN960-516	Washer						3
63-50	0541116-26	Brake Assembly - Left						1
	0541161-25	Brake Assembly - Right						1
63-51	0541116-28	Housing - Brake - Left						1
	0541116-27	Housing - Brake - Right						1
63-52	0541116-29	Plug - Inlet						1
63-53	AN902-4	Gasket - Inlet						1
63-54	0541116-30	Lining - Brake Stationary						1
63-55	0541116-31	Disc - Rotating Brake						1
63-56	0541116-32	Lining - Brake Piston Side						1
63-57	0541116-33	Clip - Anti Rattle						1
63-58	0541116-34	Piston - Brake						1
63-59	AN6230-2	Seal - Piston						1
63-60	AN6230-3	Seal - Cylinder Head						1
63-61	0541116-35	Cylinder Head - Brake						1
63-62	AN505-8R5	Screw - Bleeder						1
63-63	0541116-36	Seal - Bleeder Screw						1

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE



ILLUSTRATED PARTS CATALOG

FIGURE 63 OPTIONAL EQUIPMENT - CROSSWIND LANDING GEAR (CONTINUED)

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
63-64	#10 - 24NC					Screw - (Flat Head Socket Cap)		6
63-65	AN936C10					Washer		6
63-66	6.00 x 6					Tire - Aircraft - 4 Ply		1
	6.00 x 6					Tube - Aircraft		1
	0441150-6					Special Assembly - Crosswind Landing Gear - Left *NOTE: The above consists of 0541116 Wheel and Brake Assembly Plus 0441150-2 Axle Collar		1
	0441150-7					Special Assembly - Crosswind Landing Gear - Right *NOTE: The above consists of 0541116-1 Wheel and Brake Assembly Plus 0441150-3 Axle Collar		1

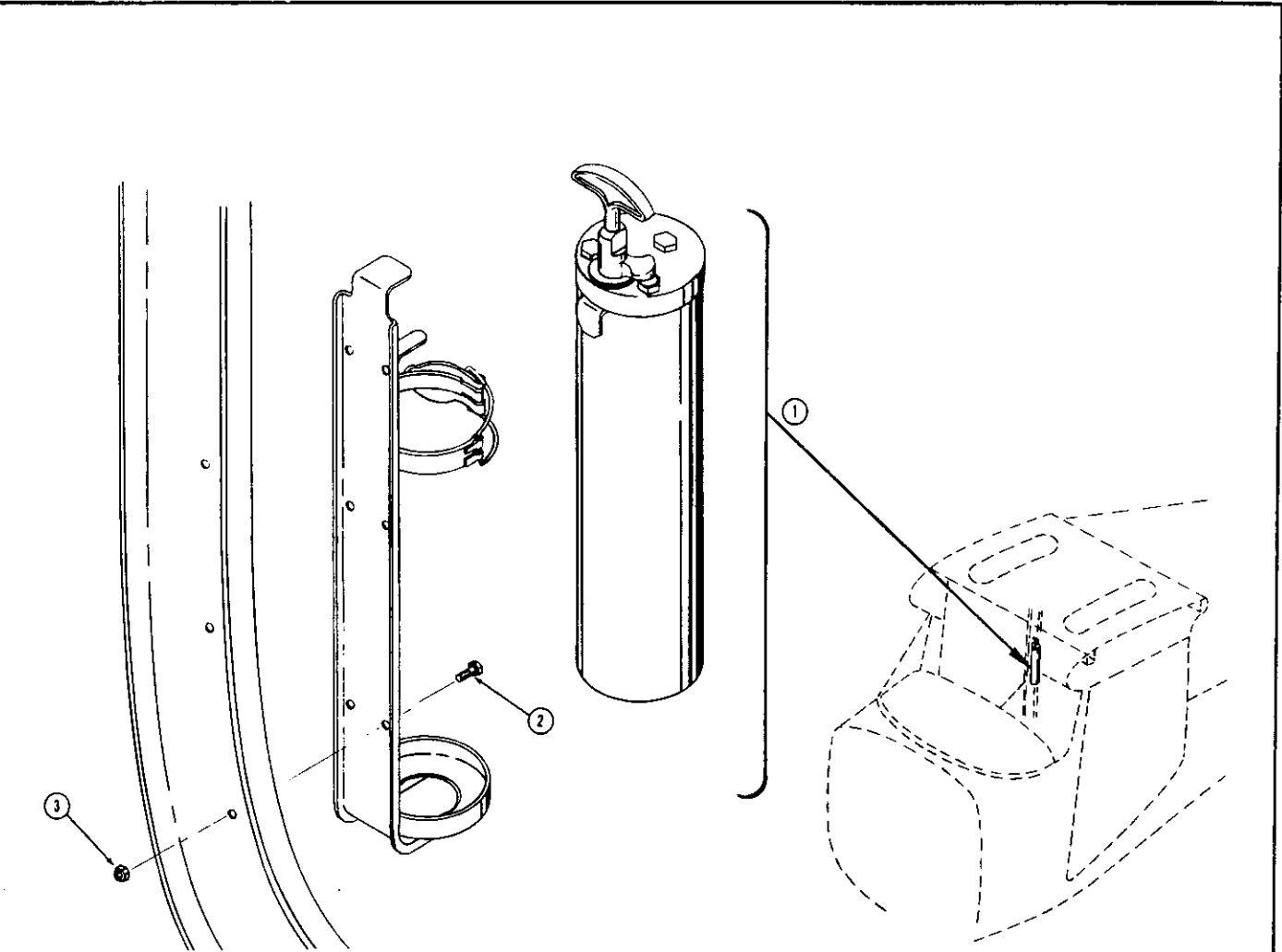


FIGURE 64-FIRE EXTINGUISHER INSTALLATION

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	52-3-64					Installation Kit - Fire Extinguisher (Cessna 0411986)		1
64-1	0411986-2					Fire Extinguisher And Bracket		1
64-2	AN507-832R8					Screw		5
64-3	AN365-832					Nut		5

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

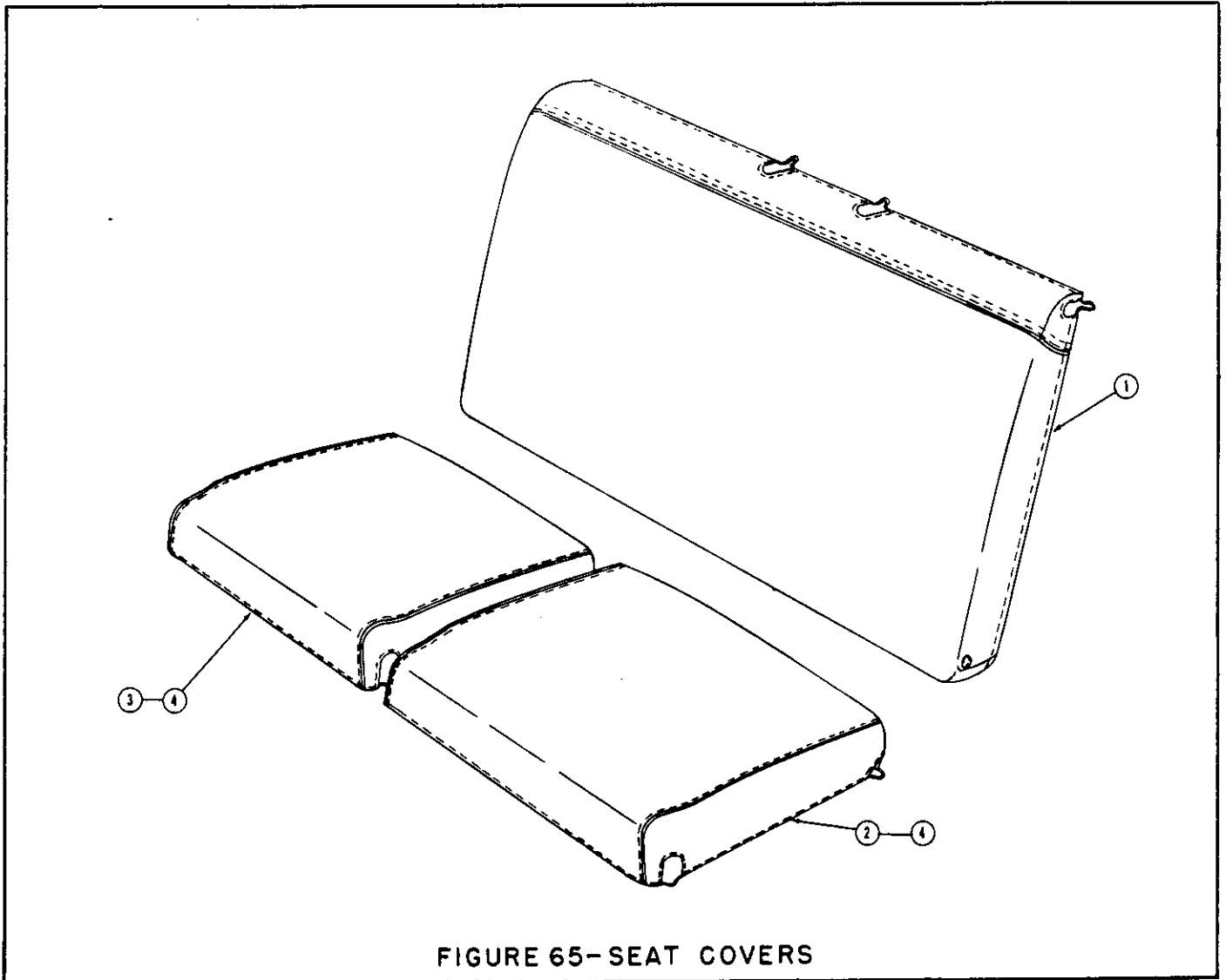


FIGURE 65-SEAT COVERS

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	52-3-150	Installation Kit - Seat Covers (Serial 15375 & On) (Cessna Dwg. No. 0411917) (8 Oz. O.D. Duck)						
65-1	0411917-2							1
65-2	0411917-4							1
65-3	0411917-5							1
	#7435							50
	52-3-135	Installation Kit - Plastic Seat Covers (To Serial 15375) (Cessna Dwg. No. 0411916)						
65-1	0411916-2							1
65-4	0411916-3							2
	#7435							50
	52-3-149	Installation Kit - Plastic Seat Covers (Serial 15375 & On) (Cessna Dwg. No. 0411916)						
65-1	0411916-2							1
65-2	0411916-4							1
65-3	0411916-5							1
	#7435							50
		Note: Plastic Seat Covers Available In Either Red Or Green. Please state color desired when ordering.						

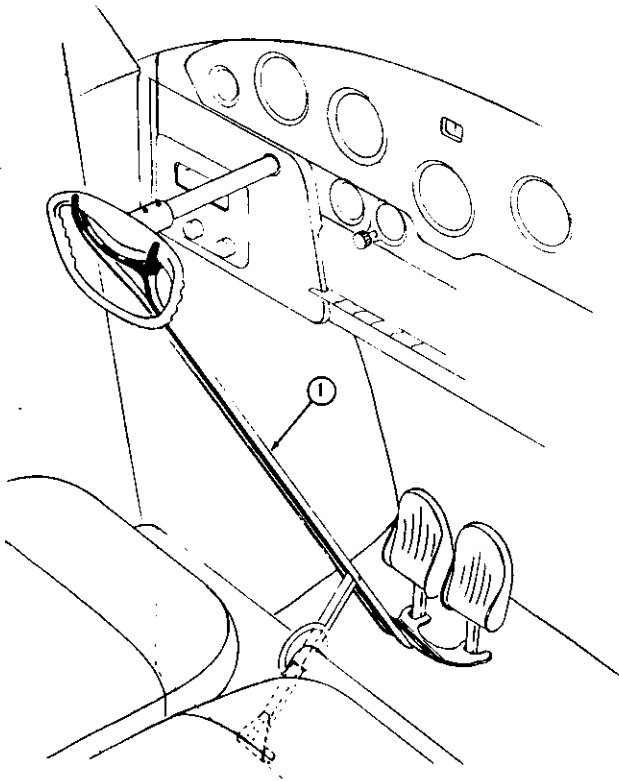


FIGURE 66—CONTROL LOCK

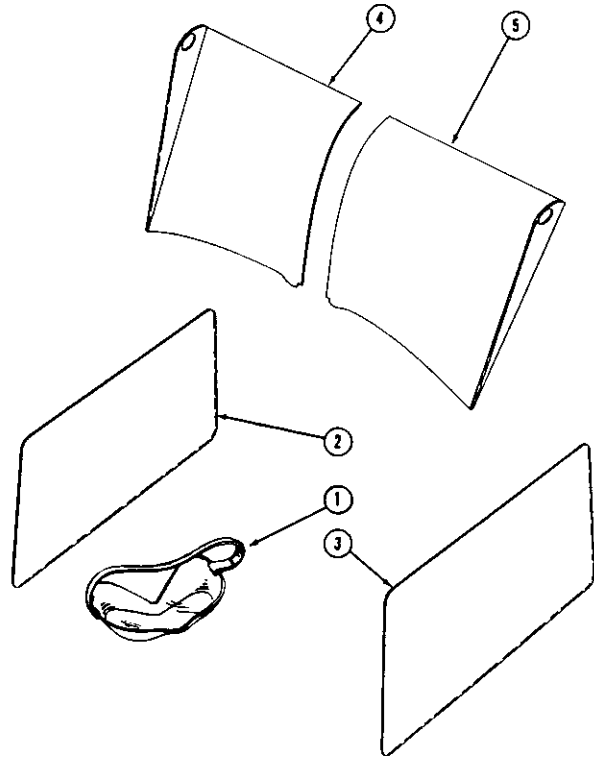


FIGURE 67—BLIND FLIGHT

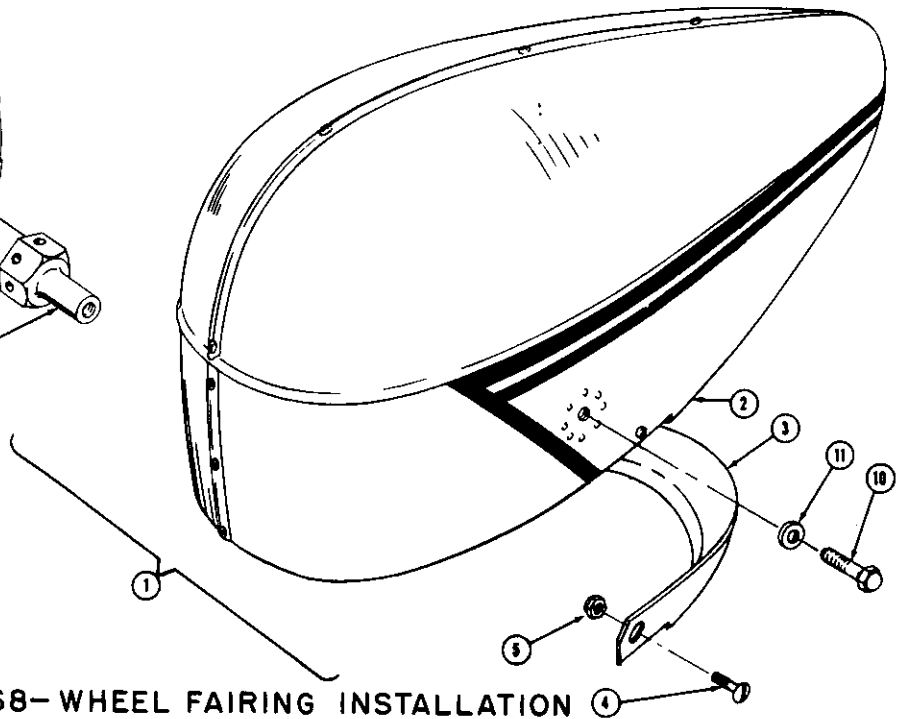
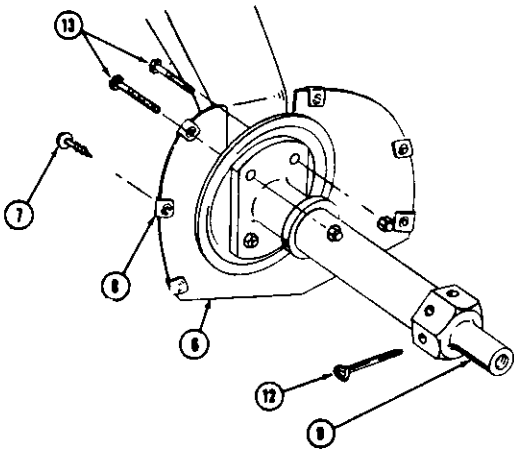


FIGURE 68—WHEEL FAIRING INSTALLATION



ILLUSTRATED PARTS CATALOG

FIGURE 66

OPTIONAL EQUIPMENT - CONTROL LOCK

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
66-1	0413243	Lock Contrdl						1

FIGURE 67

OPTIONAL EQUIPMENT - BLIND FLYING

	53-3-98	Installation Kit - Blind Flying (Cessna Drawing # 0413267)						1
67-1	0511061	Goggles - Blind Flight						1
67-2	0413267-10	Cover Assembly - Left Door						1
67-3	0413267-11	Cover Assembly - Right Door						1
67-4	0413267-12	Cover Assembly - Left Windshield						1
67-5	0413267-13	Cover Assembly - Right Windshield						1

FIGURE 68

OPTIONAL EQUIPMENT - WHEEL FAIRING

	52-3-102	Installation Kit - Main Wheel Fairings (Cessna Drawing # 0441143)						
68-1	0441143-50	Fairing Assembly - Complete Left						1
68-2	0441143-12	Fairing Assembly - Left						1
68-3	0441143-11	Scraper - Mud						1
68-4	AN526-1032-6	Screw - (Attach Scraper)						4
68-5	AN364-1032	Nut - (Attach Scraper)						4
68-6	0441143-8	Plate - Mounting Left						1
68-7	PK76XZ-10-6	Screw - (Attach Plate)						5
68-8	NAS395-27	Nut - (Attach Plate) (Tinnerman A-1793-10Z-064-3)						5
	0441143-51	Fairing Assembly - Complete Right						1
	0441143-13	Fairing Assembly - Right						1
	0441143-11	Scraper - Mud						1
	AN526-1032-6	Screw - (Attach Scraper)						4
	AN364-1032	Nut - (Attach Scraper)						4
	0441143-9	Plate - Mounting Right						1
	PK76XZ-10-6	Screw - (Attach Plate)						5
	NAS395-27	Nut - (Attach Plate)						5
68-9	0441130	Nut - Axle						2
68-10	AN6-5A	Bolt						2
68-11	AN936-B616	Washer						2
68-12	AN380-4-10	Pin - Cotter						2
68-13	AN5-25A	Bolt						4
	0441143-16	Kit - Plate And Scraper						1
68-3	0441132-11	Scraper - Mud						2
68-4	AN526-1032-6	Screw - (Attach Scraper)						8
68-5	AN364-1032	Nut - (Attach Scraper)						8
	0441143-15	Kit - Plate						1
68-6	0441143-8	Plate - Mounting Left						1
	0441143-9	Plate - Mounting Right						1
	PK76XZ-10-6	Screw - (Attach Plate)						10
	NAS395-27	Nut - (Attach Plate) (Tinnerman A-1793-10Z-064-3)						10

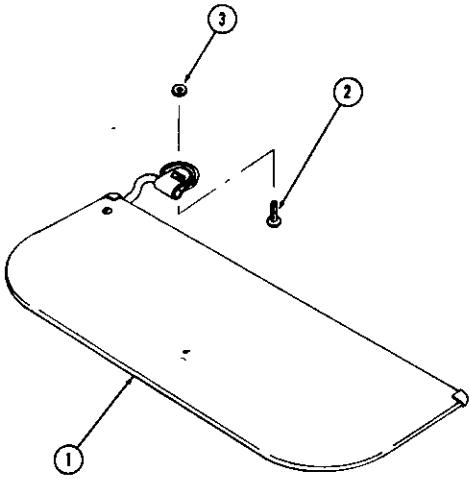


FIGURE 69-SUN VISOR INSTALLATION

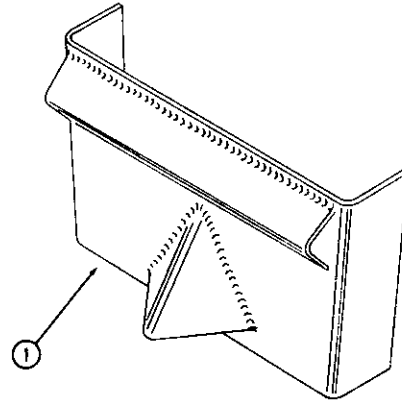


FIGURE 70-UNIVERSAL JACK POINT

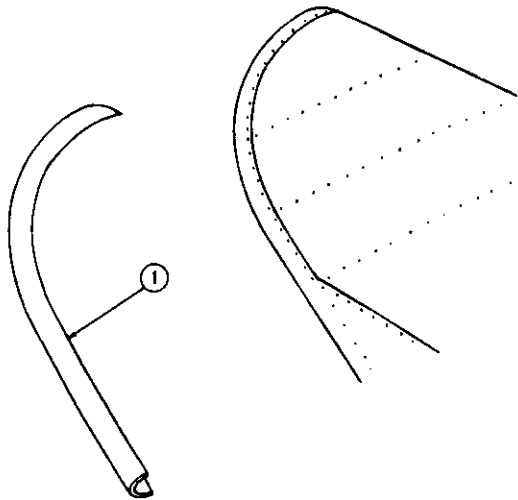


FIGURE 71-ABRASION BOOTS

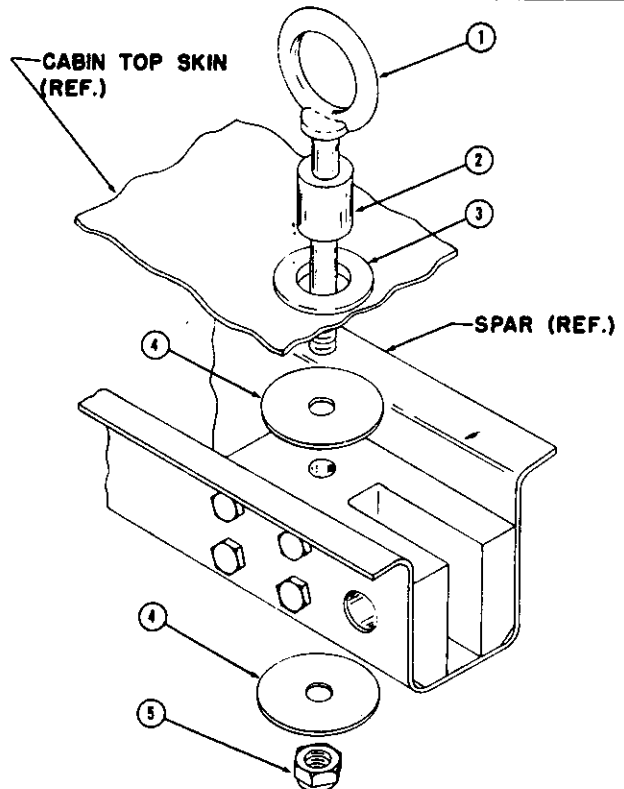


FIGURE 72-HOISTING PROVISIONS

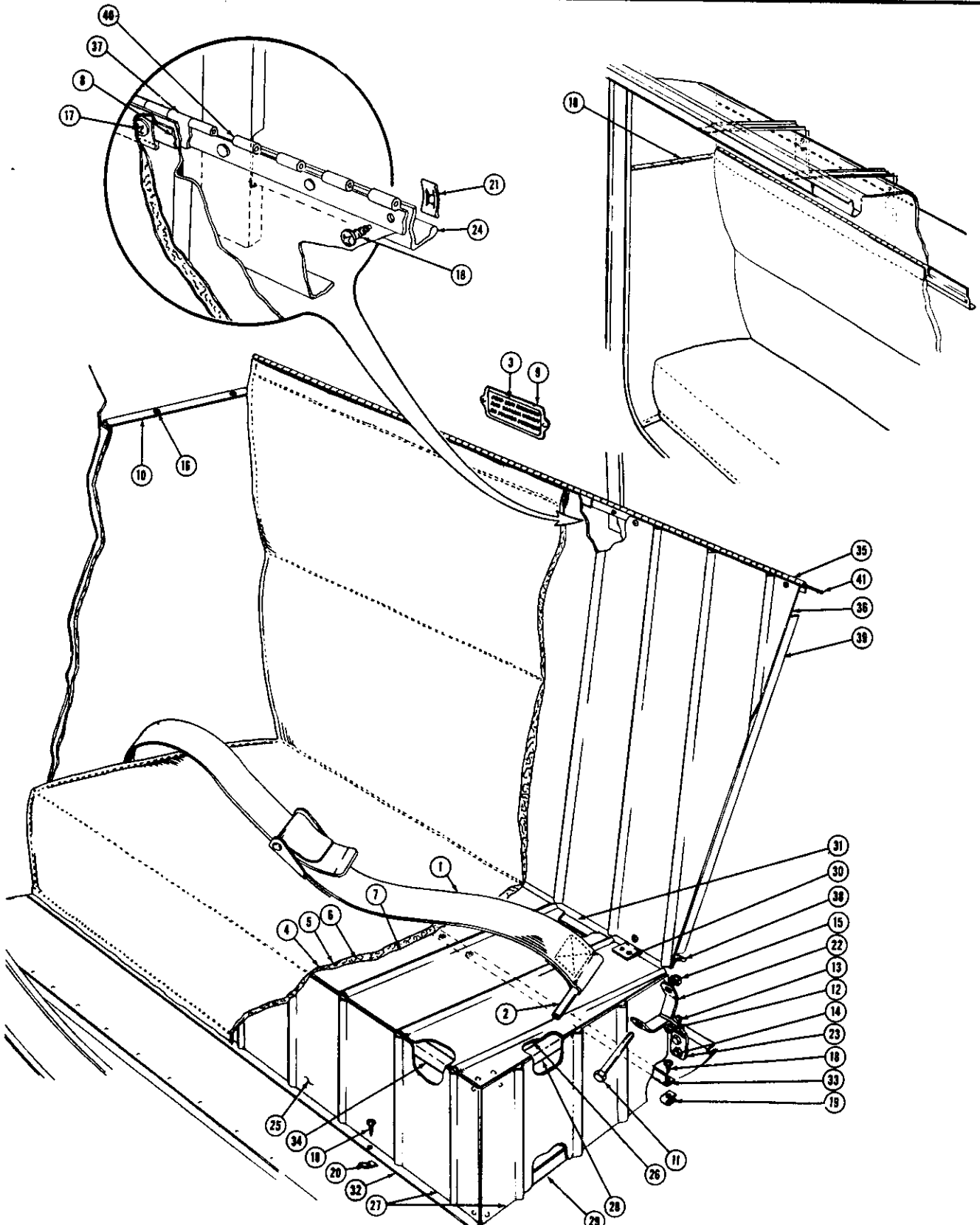


FIGURE 73-JUMP SEAT INSTALLATION



ILLUSTRATED PARTS CATALOG

FIGURE 73

OPTIONAL EQUIPMENT - JUMP SEAT INSTALLATION

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	52-3-103	Installation Kit - Jump Seat Installation (Cessna Drawing No. 0413202)						
73-1	0411041-6	Belt Safety						1
73-2	0411067	Bushing - Safety Belt						2
73-3	0413277	Pladard						1
73-4	0413278	Pad Assembly - Jump Seat Upholstery						1
73-5	0413278-3	Simulated Leather - Upholstery						1
73-6	0413278-4	Cotton - Upholstery						1
73-7	0413278-5	Duck - Upholstery						1
73-8	0413281	Strip - Jump Seat Pad Attachment						1
73-9	0413282	Plate						1
73-10	0413294	Strip - Baggage Liner Retainer						2
73-11	AN-3-25A	Bolt - (Safety Belt Attachment)						2
73-12	AN-4-5A	Bolt - (Clip Attachment)						4
73-13	AN-305-1032	Nut						6
73-14	AN-3-3A	Bolt - (Lug Attachment)						2
73-15	AN-305-428	Nut						2
73-16	PK76XZ-4-4	Screw						10
73-17	PK76XZ-8-5	Screw						8
73-18	PK76XZ-8-6	Screw						9
73-19	NAS395-14-3	Nut						2
73-20	NAS446-3	Nut						13
73-21	NAS446-4	Nut						2
73-22	0413202-10	Clip - Safety Belt						4
73-23	0413202-11	Lug - Safety Belt						2
73-24	0413202-14	Angle - Upholstery Support						1
73-25	0413202-15	Bottom Assembly - Seat						1
73-26	0413202-3	Bottom - Seat						1
73-27	0413202-4	Sides - Seat						1
73-28	0413202-5	Angle - End LH						1
73-29	0413202-6	Angle - End LH						1
	0413202-20	Angle - End RH						1
	0413202-21	Angle - End RH						1
73-30	0413202-7	Angle - Stop						2
73-31	0413202-8	Angle - Rear Upper						1
73-32	0413202-9	Angle - Front Lower						1
73-33	0413202-22	Angle - Rear Lower						1
73-34	0413202-23	Angle - Front Upper						1
73-35	0413202-16	Back Assembly - Seat						1
73-36	0413202-2	Back - Seat						1
73-37	0413202-25	Hinge - Forward Half						1
73-38	0413202-17	Angle - Back Stiffener						1
73-39	0413202-18	Angle - Backside LH						1
	0413202-19	Angle - Backside RH						1
73-40	0413202-24	Hinge - Rear Half						1
73-41	0413202-26	Pin - Hinge						1

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

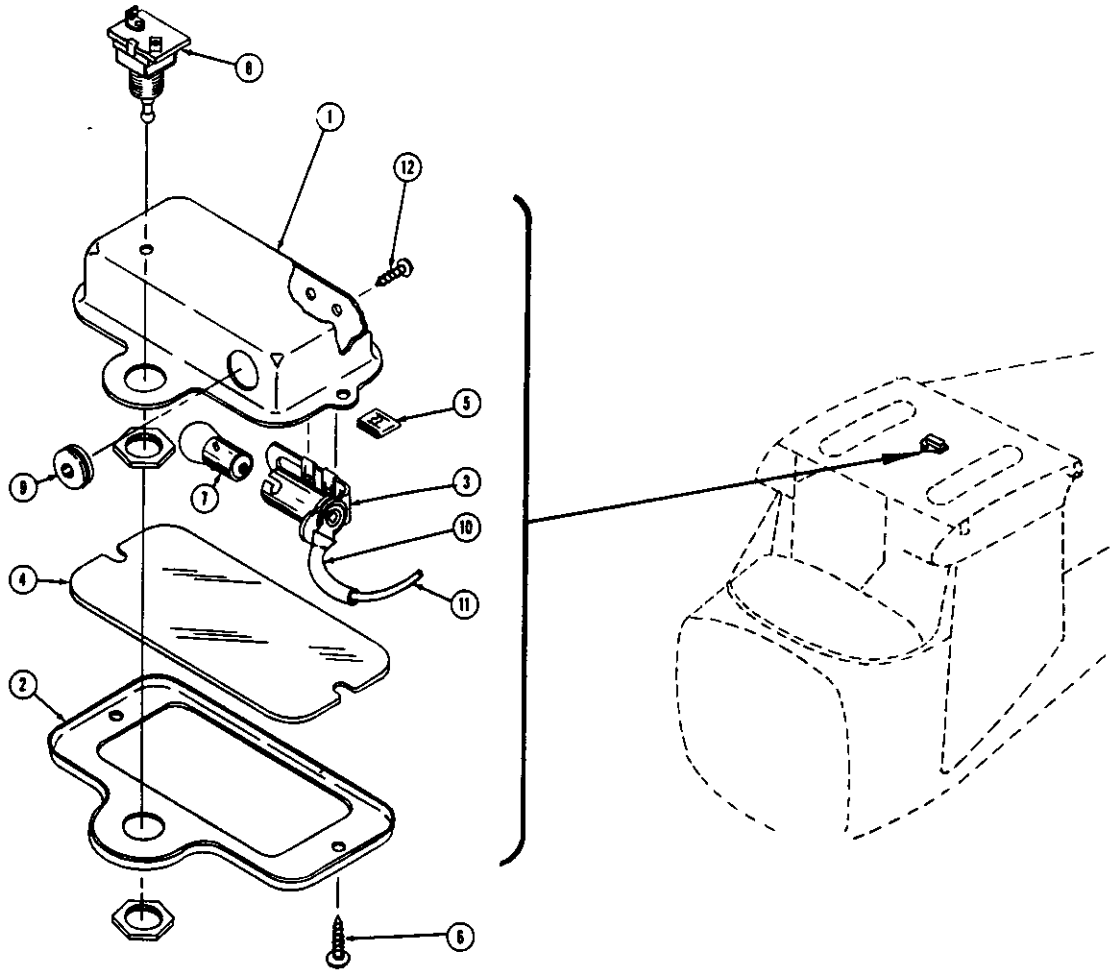


FIGURE 74-DOME LIGHT INSTALLATION

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	52-3-70	Installation Kit - Dome Light						1
	0413142	Dome Light Assembly						1
74-1	0413140-3			Reflector				1
74-2	0413139			Bezel				1
74-3	0413138			Socket				1
74-4	0413141			Lens				1
74-5	NAS395-1			Clip - (Tinnerman A6187-4Z-3)				4
74-6	PK76XZ-4-6			Screw				2
74-7	0511060-1			Bulb				1
74-8	0413142-2			Switch				1
74-9	AN931-3-5			Grommet				1
74-10	#9			Transflex Tube (1 1/4 x #9)				1
74-11	#18			Wire - NemoLay (1 1/2 x # 18)				1
74-12	PK76XZ-4-5			Screw				2

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

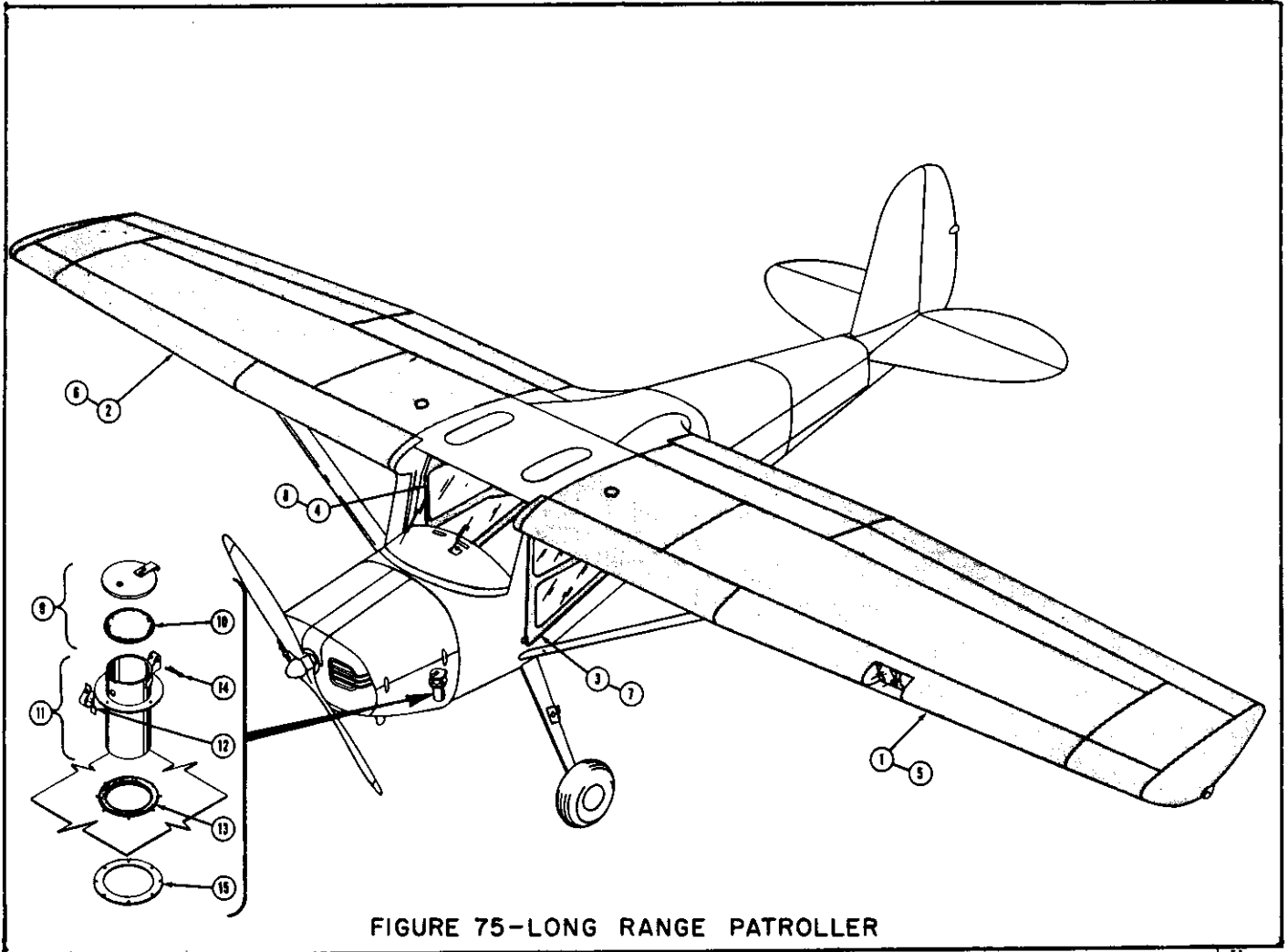


FIGURE 75-LONG RANGE PATROLLER

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	52-3-146	Kit	-	Long Range Patroller				1
	52-3-144	Kit	-	Long Range Patroller Wing				1
75-1	0426004-2			Wing - Long Range Patroller - Left (With Landing Light)				1
				(See Figure 77)				1
75-2	0426004-1			Wing - Long Range Patroller - Right (See Figure 78)				1
	52-3-143	Kit	-	Long Range Patroller Door				1
75-3	0411914-26			Door Assembly - Complete L.H. (See Figure 76)				1
75-4	0411914			Door Assembly - Complete R.H. (See Figure 76)				1
	52-3-142	Installation Kit	-	Message Drop Tube				1
	52-3-147	Kit	-	Long Range Patroller				1
	52-3-145	Kit	-	Long Range Patroller Wing				1
75-5	0426004			Wing - Long Range Patroller - Left (Without Landing Light)				1
				(See Figure 77)				1
75-6	0426004-1			Wing - Long Range Patroller - Right (See Figure 78)				1
	52-3-143	Kit	-	Long Range Patroller Door				1
75-7	0411914-26			Door Assembly - Complete L.H. (See Figure 76)				1
75-8	0411914			Door Assembly - Complete R.H. (See Figure 76)				1
	52-3-142	Installation Kit	-	Message Drop Tube				1
75-9	0411915-2			Cap Assembly - Drop Tube				1
75-10	0411915-5			Gasket - Cap				1
75-11	0411915-6			Tube Assembly - Drop Kit				1
75-12	NAS438-6			Latch - (Tinnerman A5929A)				1
75-13	0411915-9			Grommet - (X-200)				1
75-14	AN380-3-5			Pin - Cotter				1
75-15	0411915-10			Doubler				1

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

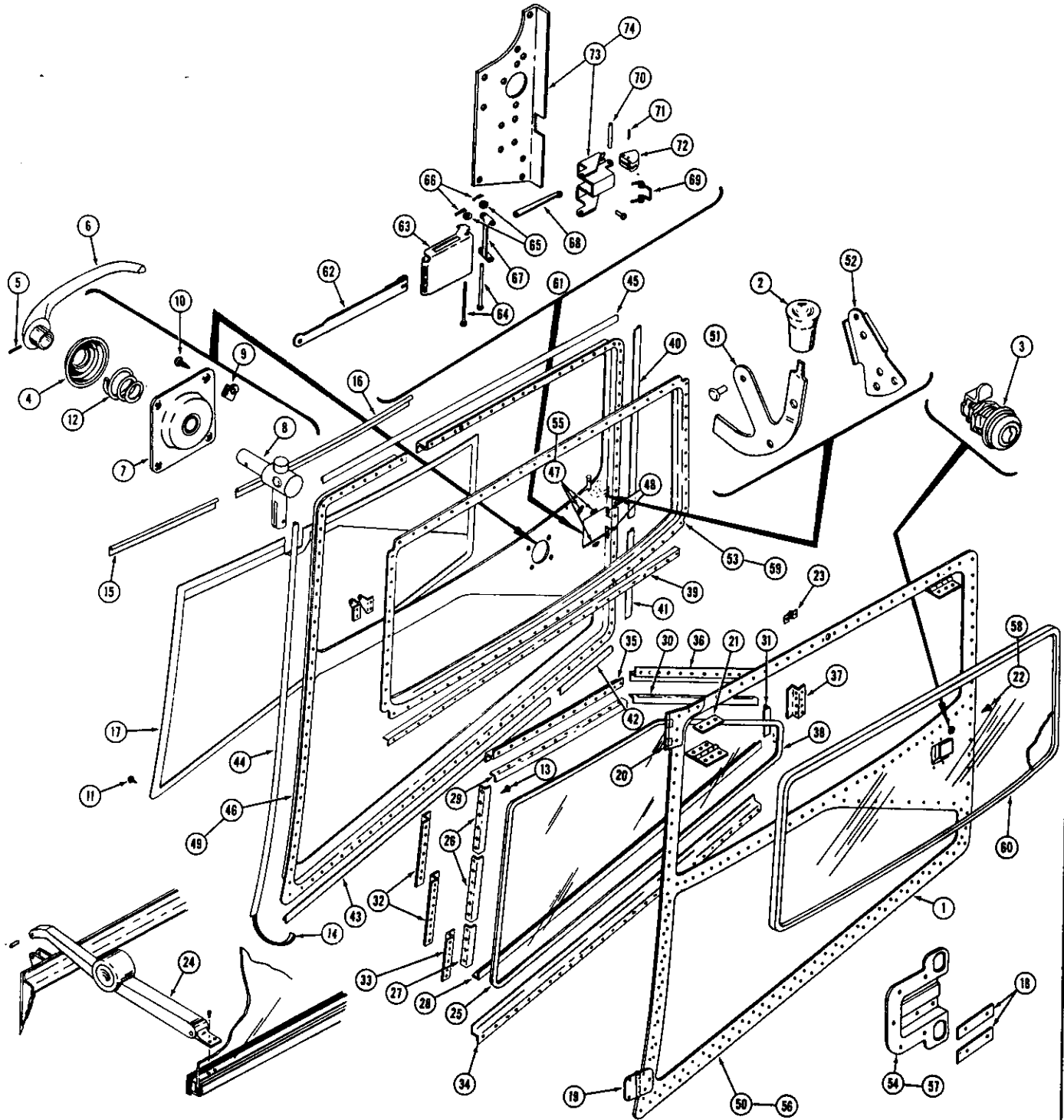


FIG 76-PATROLLER DOOR

ILLUSTRATED PARTS CATALOG

FIGURE 76

OPTIONAL EQUIPMENT - PATROLLER DOOR

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	52-3-143	Installation Kit - Patroller Door						1
76-1	0411914-26	Door Assembly - Patroller L.H. Door						1
	0411914	Door Assembly - Patroller R.H. Door						1
76-2	0411092	Knob - Thumb Latch (R.H. Door)						1
76-3	0413323	Lock Assembly - Door (L.H. Door)						1
76-4	0413197	Escutcheon - Door Handle						1
76-5	0411541	Pin - Handle Attachment						1
76-6	0413198	Handle - Door Inside						1
76-7	0413195	Bearing - Plate Assembly - Door Handle						1
76-8	0413196	Shaft Assembly - Door Handle						1
76-9	NAS396-1	Nut - (Tinnerman A1932-6Z-3)						4
76-10	PK76X2-6-6	Screw						4
76-11	PK76X2-4-4	Screw						16
76-12	0413317	Spring - Door Handle Inside						1
76-13	PK76X2-4-5	Screw						35
76-14	0411639-26	Seal - Left Door						1
	0411637-24	Seal - Right Door						1
76-15	0411731-3	Channel - Interior Trim Left Door Forward						1
	0411731-5	Channel - Interior Trim Right Door Forward						1
76-16	0411729-3	Channel - Interior Trim Left Door Rear						1
	0411729-5	Channel - Interior Trim Right Door Rear						1
76-17	0411914-25	Upholstery Assembly - L.H. Door						1
	0411914-19	Upholstery Assembly - R.H. Door						1
	0411914-30	Structure Assembly - L.H. Patroller Door						1
	0411914-22	Structure Assembly - R.H. Patroller Door						1
76-18	0411886	Spacer - Door Latch Pan						2
76-19	0411579	Hinge - Lower						1
76-20	0411597	Hinge - Upper L.H. Door						1
	0411597-1	Hinge - Upper R.H. Door						1
76-21	0411459	Spacer - Hinge						2
76-22	PK76X2-4-6	Screw						2
76-23	A1663-017-1	Nut - Tinnerman						1
76-24	0413362	Latch Assembly - Window						1
76-25	0411914-2	Window - Auxiliary						1
76-26	0411914-5	Retainer - Window						2
76-27	0411914-6	Retainer - Window						1
76-28	0411914-7	Retainer - Window						1
76-29	0411914-8	Retainer - Window						1
76-30	0411914-9	Retainer - Window						1
76-31	0411914-10	Retainer - Window						1
76-32	0411914-11	Stiffener						1
76-33	0411914-12	Stiffener						1
76-34	0411914-13	Stiffener						1
76-35	0411914-14	Stiffener						1
76-36	0411914-15	Stiffener						1
76-37	0411914-16	Stiffener						1
76-38	0411914-18	Channel - Rubber						1
76-39	0411914-28	Angle - L.H.						1
	0511914-17	Angle - R.H.						1
76-40	0413358-1	Angle - Seal Retaining - Rear Upper (L.H. Door)						1
	0413358-2	Angle - Seal Retaining - Rear Upper (R.H. Door)						1
76-41	0413358-4	Angle - Seal Retaining - Rear Lower (L.H. Door)						1
	0413358-3	Angle - Seal Retaining - Rear Lower (R.H. Door)						1
76-42	0413358-5	Angle - Seal Retaining - Bottom Aft						1
76-43	0413358-6	Angle - Seal Retaining - Bottom Forward (L.H. Door)						1
	0413358-7	Angle - Seal Retaining - Bottom Forward (R.H. Door)						1
76-44	0413358-8	Angle - Seal Retaining - Front (L.H. Door)						1
	0413358-9	Angle - Seal Retaining - Front (R.H. Door)						1
76-45	0413358-10	Angle - Seal Retaining - Top (L.H. Door)						1
	0413358-11	Angle - Seal Retaining - Top (R.H. Door)						1
76-46	0411914-31	Skin Assembly - Inner (L.H. Door)						1
76-47	NAS444-5-3	Nut - (Tinnerman A6195-8Z-3)						3
76-48	NAS444-1-3	Nut - (Tinnerman A6195-4Z-3)						2
76-49	0411914-23	Skin Assembly - Inner (R.H. Door)						1
76-50	0411914-32	Skin Assembly - Outer (L.H. Door)						1
76-51	0413133	Bolt						1
76-52	0413134	Stop						1
76-53	0411179	Pan - Window						1
76-54	0411576	Pan - Latch						1
76-55	NAS444-5-3	Nut - (Tinnerman A6195-8Z-3)						3
76-56	0411914-24	Skin Assembly - Outer (R.H. Door)						1
76-57	0411576	Pan - Latch						1
76-58	NAS444-5-3	Nut - (Tinnerman A6195-8Z-3)						2
76-59	0411179-3	Pan - Window						1

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

FIGURE 76

OPTIONAL EQUIPMENT - PATROLLER DOOR (CONTINUED)

FIGURE AND REF NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
76-60	0411181-3						Window Assembly - L.H. Door (See Figure 33)	1
	0411181-1						Window Assembly - R.H. Door (See Figure 34)	1
76-61	0413311-3						Latch Assembly - L.H. Door	1
	0413311-2						Latch Assembly - R.H. Door	1
76-62	0411575-4						Strap - Door Latch Actuating	1
76-63	0411557						Handle - Door Latch	1
76-64	AN392-53						Pin - Clevis	2
76-65	AN960-4						Washer	3
76-66	AN380-2-2						Pin - Cotter	2
76-67	0411559						Spacer - Door Latch	1
76-68	0411555						Bar - Door Catch Pull	1
76-69	0411554						Spring - Door Catch	1
76-70	NAS41-3-1.125						Pin - Hinge	1
76-71	NAS41-2-.500						Pin - Hinge	1
76-72	0411552						Catch - Door Latch	1
76-73	0413357						Housing Assembly - L.H. Door Catch	1
76-74	0413357-1						Housing Assembly - R.H. Door Catch	1

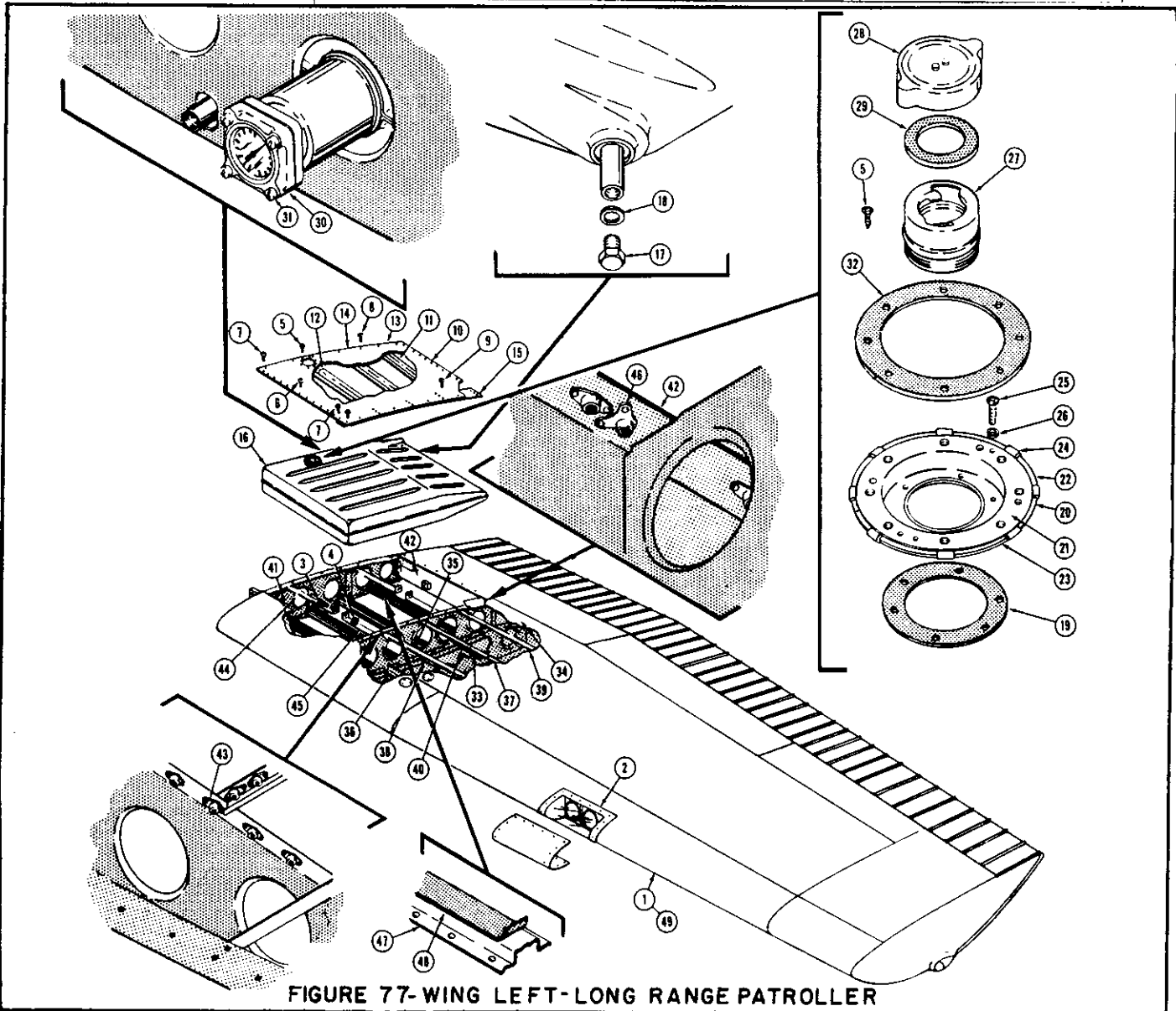


FIGURE 77-WING LEFT-LONG RANGE PATROLLER

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE



ILLUSTRATED PARTS CATALOG

FIGURE 77

OPTIONAL EQUIPMENT - WING - LEFT - LONG RANGE PATROLLER

FIGURE AND REF NO	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	52-3-144	Installation Kit - Long Range Patroller Wing (With Landing Light)						1
	0426004-2	Wing Assembly - Left (With Landing Light) (Same As 0426000-2 Except As Shown)						1
77-1	0426004	Wing Assembly - Left (Without Landing Light) (Same As 0426000 Except As Shown)						1
77-2	52-3-832	Installation Kit - Landing Light (See Figure 59)						1
77-3	AN526-1032R26	Screw						2
77-4	AN365-1032	Nut						2
77-5	PK76X2-8-8	Screw						8
77-6	NAS228-9	Screw						11
77-7	NAS228-12	Screw						3
77-8	NAS228-7	Screw						7
77-9	NAS228-8	Screw						27
77-10	0523521	Cover Assembly - Tank Top Left						1
77-11	0523518-1	Hat Section						2
77-12	0523518-2	Hat Section						1
77-13	0523521-7	Skin Assembly						1
77-14	0523521-5	Pad						1
77-15	0523521-6	Pad						1
77-16	0523520	Tank Assembly - Fuel L.H.						1
77-17	AN814-4D	Plug						1
77-18	AN902-4	Gasket						1
77-19	0523532	Gasket						2
77-20	0523520-8	Adapter Assembly						1
77-21	0523529	Adapter						1
77-22	0523530	Retainer Assembly						2
77-23	0523530-2	Strip						2
77-24	NAS395-17-3	Nut - (Tinnerman A1348-8Z-3)						8
77-25	AN515-10R10	Screw						6
77-26	0311001-27	Washer						6
77-27	0311240-17	Neck - Filler						1
77-28	0311360-4	Cap Assembly - Fuel Tank						1
77-29	0311360-5	Gasket						1
77-30	0422006-2	Gage - Fuel						1
77-31	AN502-416-10	Screw						4
	1114-5	Washer - Shakeproof						4
77-32	0523531	Seal						1
	0426004-52	Structure Assembly - Left (Same as 0426002 Except as shown)						1
77-33	0426004-3	Skin - Lower						1
77-34	0426004-4	Skin - Upper						1
77-35	0426004-5	Stringer - Upper						1
77-36	0426004-6	Stringer - Lower						1
77-37	0426004-7	Stringer - Upper						1
77-38	0426004-8	Stringer - Lower						1
77-39	0426004-9	Stringer - Upper						1
77-40	0426004-10	Stringer - Lower						1
77-41	0426300-4	Spar - Front						1
77-42	0426400-4	Spar - Rear						1
77-43	AN366F-832	Nutplate						23
77-44	0523522	Strap - Inboard						2
77-45	0523522-1	Strap - Outboard						2
77-46	NAS450-8S	Nutplate						1
77-47	0523519	Stiffener						4
77-48	0523002-47	Pad						3
77-49	0426004-1	Wing Assembly - Right (See Figure 78)						1

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

FIGURE 78

OPTIONAL EQUIPMENT - WING RIGHT - LONG RANGE PATROLLER

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	0426004-1	Wing Assembly - Right (Same As 0426000-1 Except As Shown)						1
78-1	AN526-1032R26					Screw	2	
78-2	AN365-1032					Nut	2	
78-3	PK76XZ-8-8					Screw	8	
78-4	NAS228-9					Screw	11	
78-5	NAS228-12					Screw	3	
78-6	NAS228-7					Screw	7	
78-7	NAS228-8					Screw	27	
78-8	0523521-1	Cover Assembly - Tank Top Right						1
78-9	0523518-1					Hat Section	2	
78-10	0523518-2					Hat Section	1	
78-11	0523521-5					Pad	1	
78-12	0523521-6					Pad	1	
78-13	0523521-8					Skin Assembly R.H.	1	
78-14	0523521-3					Skin	1	
78-15	0523527					Doubler	1	
78-16	0523520-1	Tank Assembly - Fuel R.H.						1
78-17	AN814-4D					Plug	1	
78-18	AN902-4					Gasket	1	
78-19	0523532					Gasket	2	
78-20	0523520-8	Adapter Assembly						1
78-21	0523529					Adapter	1	
78-22	0523530	Retainer Assembly						2
78-23	0523530-2					Strip	2	
78-24	NAS395-17-3					Nut - (Tinnerman A1348-8Z-13)	8	
78-25	AN515-10R10					Screw	6	
78-26	0311001-27					Washer	6	
78-27	0311240-17					Neck	1	
78-28	0311360-4	Cap Assembly - Fuel Tank						1
78-29	0311360-5					Gasket	1	
78-30	0422006-2					Gage - Fuel	1	
78-31	AN505-416-10					Screw	4	
	1114-5					Washer - Shakeproof	4	
78-32	0523531	Seal						1
	0426004-53	Structure Assembly - Right (Same as 0426002-1 Except as shown)						1
78-33	0426004-13					Stringer	1	
78-34	0426004-14					Stringer	1	
78-35	0426004-15					Stringer	1	
78-36	0426004-16					Stringer	1	
78-37	0426004-17					Stringer	1	
78-38	0426004-18					Stringer	1	
78-39	0426004-11					Skin - Lower	1	
78-40	0426004-12					Skin - Upper	1	
78-41	0426300-5					Spar - Front	1	
78-42	0426400-5					Spar - Rear	1	
78-43	AN366F-832					Nutplate	23	
78-44	0523522					Strap	2	
78-45	0523522-1					Strap	2	
78-46	NAS450-8S					Nutplate	1	
78-47	0423519					Stiffener	4	
78-48	0523002-47					Pad	3	

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

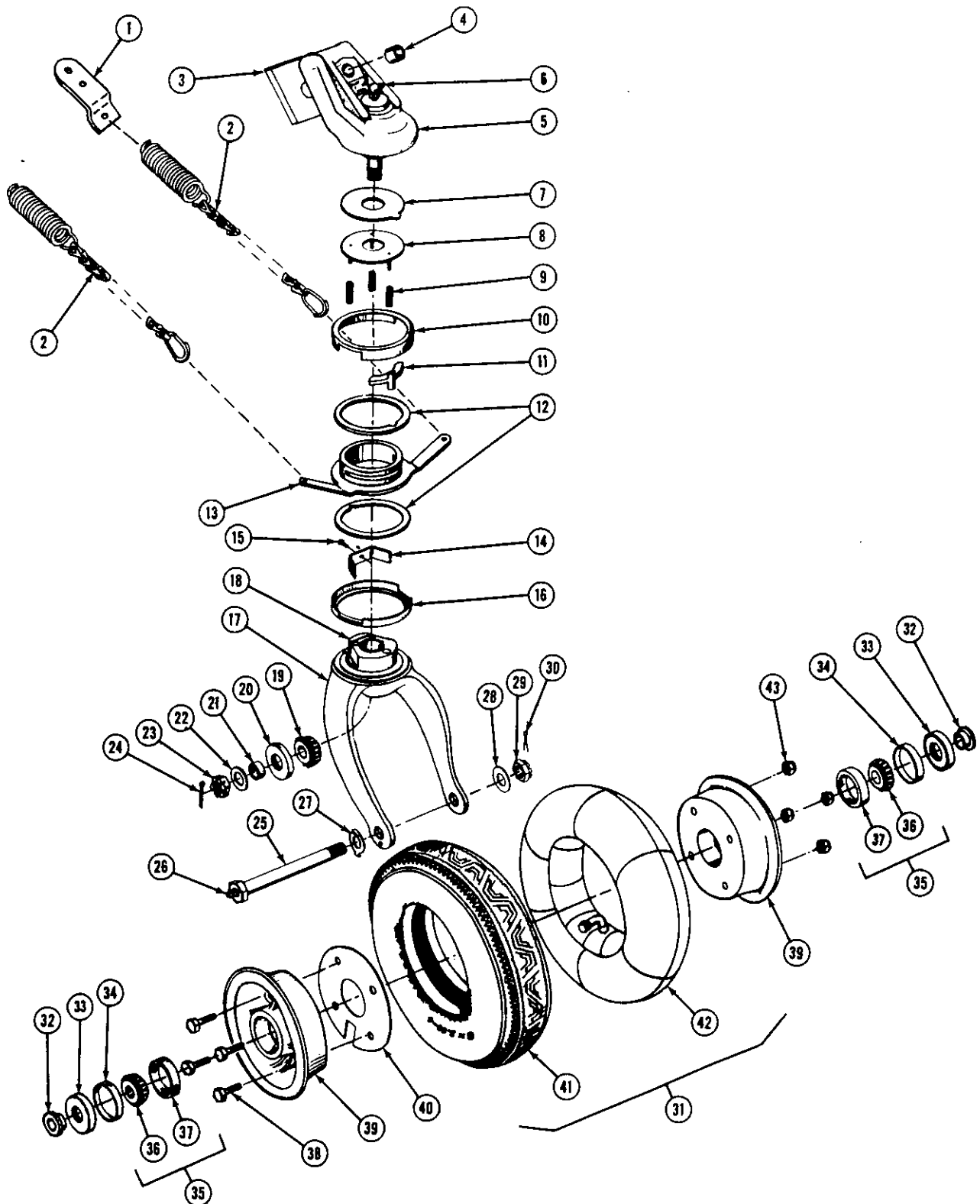


FIGURE 79- PNEUMATIC TAILWHEEL



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FIGURE 79

OPTIONAL EQUIPMENT - PNEUMATIC TAILWHEEL

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	52-3-853	Installation Kit - Pneumatic Tailwheel (Cessna 0442011)						1
79-1	0433132	Lug						2
79-2	0442011-4	Spring And Connector Assembly						2
79-3	0442011-2	Bushing						1
79-4	0442011-3	Spacer						1
	0442010	Wheel And Fork Assembly - Tail						1
79-5	0442010-6	Bracket Assembly						1
79-6	0442010-16	Fitting - 90° Lubricator						1
79-7	0442010-8	Washer - Thrust						1
79-8	0442010-30	Plate Assembly - Thrust						1
79-9	0442010-17	Spring - Compression						3
79-10	0442010-18	Cap - Upper Dust						1
79-11	0442010-4	Pawl						1
79-12	0442010-7	Washer - Thrust						2
79-13	0442010-2	Arm Assembly						1
79-14	0442010-5	Spring						1
79-15	AN515-4-5	Screw						1
79-16	0442010-19	Cap - Lower Dust						1
79-17	0442010-1	Fork Assembly						1
79-18	0442010-20	Bushing						1
79-19	0442006-18	Cone-Bearing						1
79-20	0442006-9	Retainer - Grease						1
79-21	0442010-23	Spacer						1
79-22	AN960-816	Washer						1
79-23	AN320-8	Nut						1
79-24	AN380-3-3	Pin - Cotter						1
79-25	0442010-25	Axle Assembly						1
79-26	0442010-22	Fitting - Straight Lubricator						1
79-27	0442010-21	Washer - Lock						1
79-28	AN960-816	Washer						1
79-29	AN310-8	Nut						1
79-30	AN380-3-3	Pin - Cotter						1
79-31	0442010-13	Tire And Wheel Assembly						1
79-32	0442010-24	Spacer						2
79-33	0442006-9	Retainer - Grease						2
79-34	0442006-10	Spacer - Grease Retainer						2
79-35	0442006-11	Set - Bearing						2
79-36	0442006-18	Cone - Bearing						1
79-37	0442006-17	Cup - Bearing						1
79-38	AN4-7A	Bolt						4
79-39	0442010-26	Hub - Wheel						2
79-40	0442010-27	Gasket						1
79-41	0442010-29	Tire - 8" x 3.00 x 4 Ply						1
79-42	0442010-28	Tube - 8" x 3.00						1
79-43	AN365-428	Nut						4

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

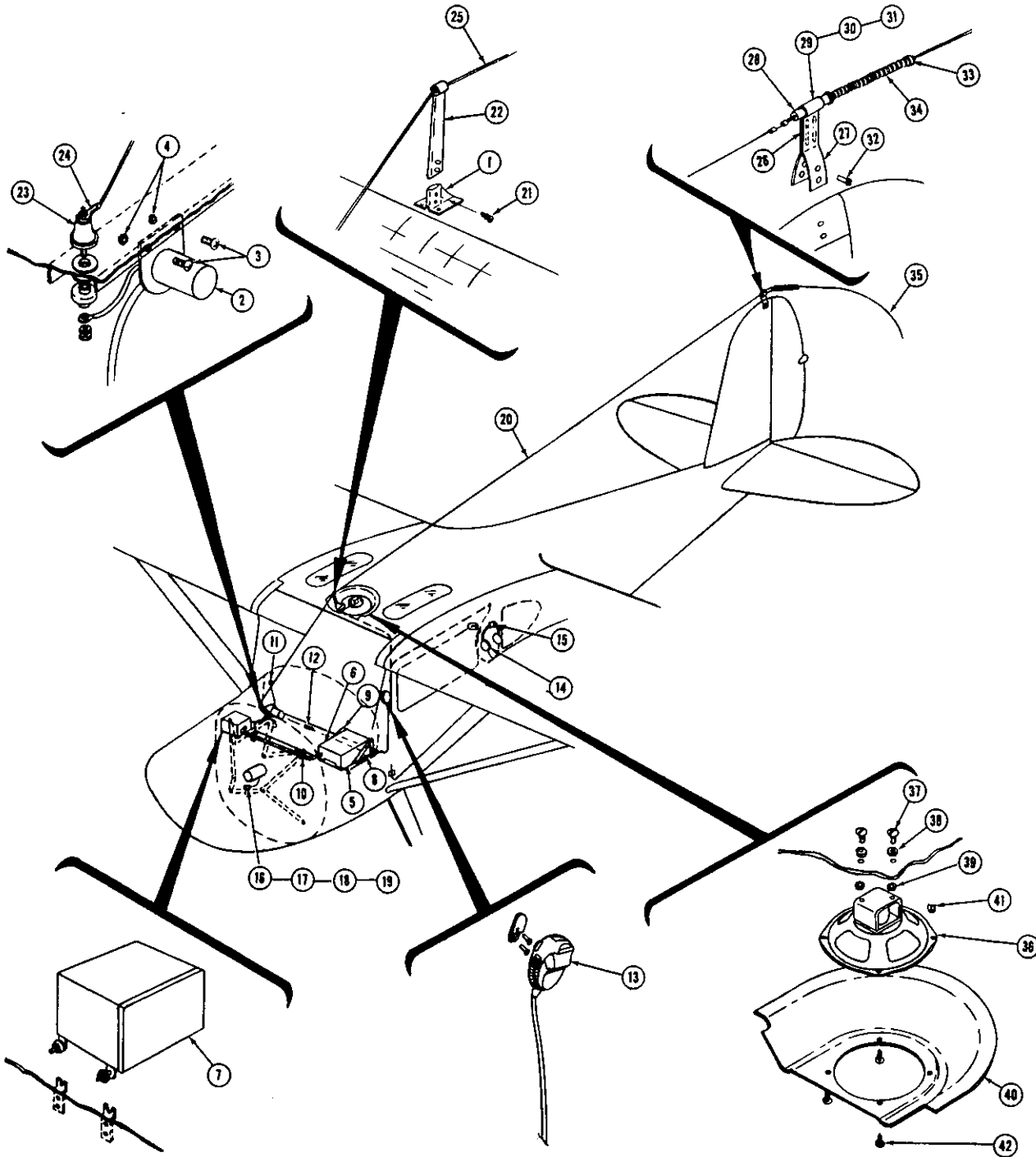


FIGURE 80-GENERAL ELECTRIC RADIO



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FIGURE 80

OPTIONAL EQUIPMENT - GENERAL ELECTRIC RADIO

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
80-1	0410107	Installation Kit - Complete General Electric Radio						1
80-1	0411670	Bracket - Antenna Mast						1
80-2	0411056-1*	Antenna Load Coil - G.E. Model AS-2-A						1
80-3	AN526-832R6	Screw - (Attach Antenna Load Coil)						2
80-4	AN365-832	Nut						2
80-5	0411054-3*	Radio - G.E. Model AS-2-A (Transmitter - Receiver)						1
80-6	0411054-2*	Case - G.E. AS-2-A Radio (Includes External Wiring)						1
80-7	0413018-1*	Power Supply - G.E. Model AS-2-A						1
80-8	0413124	Bracket - Radio Case Mount - Left						1
80-9	0413124-1	Bracket - Radio Case Mount - Right						1
80-10	NAS437-2C	Band (United Carr #9165-1)						3
	PK76XZ-8-8	Screw						3
	NAS446-4	Nut - (Timmerman A1778-8Z-3)						3
80-11	0411065	Phone Jack						1
80-12	0411023-3	Fuse - 15 AMP						1
80-13	0411057-5	Microphone And Plug Assembly						1
80-14	0411063-3	Headphone						1
80-15	0511018	Hook - Headphone						1
80-16	0511081-1	Suppressor - Generator (1140-200WVDC-.5Mfd.)						1
80-17	AN742-8	Clamp						1
80-18	AN526-832R8	Screw						1
80-19	AN365-832	Nut						1
80-20	0413171	Antenna Assembly - G.E. Radio						1
80-21	PK76XZ-10-6	Screw - (Attach Antenna Mast)						2
80-22	0411217	Mast - Antenna						1
80-23	0411067	Insulator - Antenna						1
80-24	C-36	Terminal - STALKON						1
80-25	0413171-15	Wire - Antenna (W-106A, 212 Inches Long)						1
80-26	0410111	Mast Assembly - Trailing Antenna						1
80-27	0410111-2	Mast - Rear						1
80-28	0311824	Fairlead						1
80-29	AN735-9	Clamp						1
80-30	AN515-8R6	Screw						1
80-31	AN364-832	Nut						1
80-32	NAS455-163-4-4	Rivet - Cherry						4
80-33	0413174	Washer						2
80-34	0413175	Spring						1
80-35	0413236	Antenna - Trailing						1
	52-3-84	Installation Kit - Radio Speaker						1
80-36	0411062-1	Speaker - G.E.						1
80-37	AN526-832-5	Screw						2
80-38	AN970-3	Washer						2
80-39	0311001-27	Washer						2
80-40	0413238	Baffle - Radio Speaker						1
80-41	NAS446-4	Nut - (Timmerman A1778-8Z-3)						4
80-42	PK76XZ-8-8	Screw						4
* Parts Not Available From Cessna								

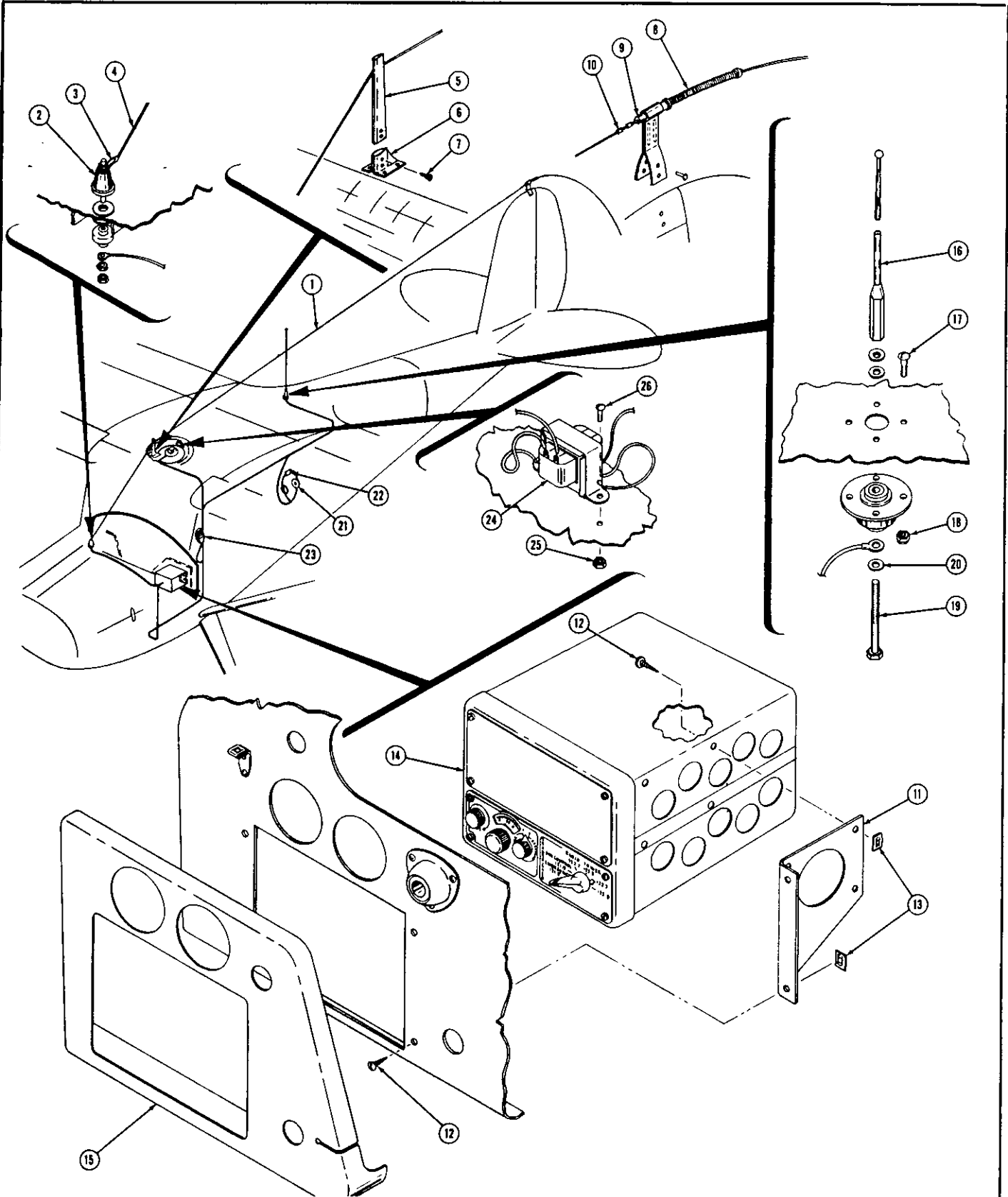


FIGURE 81-LEAR LTA-5 RADIO INSTALLATION



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FIGURE 81

OPTIONAL EQUIPMENT - LEAR LTA-5 RADIO INSTALLATION

FIGURE AND REF. NO.	PART NUMBER	PART NAME						UNITS REQ'D ON MODEL
		1	2	3	4	5	6	
	52-3-896	Installation Kit - Lear LTA-5 (Cessna 0511780)						1
81-1	0511022-7	Antenna Kit						1
81-2	0411067	Insulator						1
81-3	AN659-2	Terminal						2
81-4	W-106A	Wire - Antenna						1
81-5	0411217	Mast - Antenna						1
81-6	0411670	Bracket - Antenna Mast						1
81-7	PK76X2-10-6	Screw						2
81-8	0411690	Spring - Antenna						1
81-9	0411687	Insulator - Antenna						1
81-10	0411686	Clip						1
	52-3-898	Installation Kit - Lear LTA-5 (Less L.F. Antenna)						1
81-11	0511780-7	Bracket - Radio Case Mounting						2
81-12	PK76X2-8-8	Screw						12
81-13	NAS446-4	Nut						12
81-14	LTA-5	Transmitter - Receiver						1
81-15	0513130-1	Cover - Instrument Panel - Left						1
	0511022-8	Antenna Kit - VHF Spike						1
81-16	0511022-21	Antenna - VHF Spike						1
81-17	AN526-832R8	Screw						4
81-18	AN365-832	Nut						4
81-19	AN4-20	Bolt						1
81-20	AN936A416	Washer						1
81-21	0411063-2	Headphones						1
81-22	0511018	Hook - Headphones						1
81-23	0411057-5	Microphones						1
81-24	0511023-10	Transformer						1
81-25	AN365-632	Nut						2
81-26	AN526-632R4	Screw						2

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0400005-12	81	0400106-15	72
0400005-13	81, 85	0400106-18	88
0400005-14	81	0400106-19	72
0400005-15	81	0400106-20	7
0400005-16	81	0400106-21	7
0400005-17	81, 85	0400106-22	7
0400005-18	81, 85	0400106-25	88
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0400005-39	7	0400106-71	136
0400005-40	7	0400106-72	136
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0400005-43	7	0400106-75	49
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0400005-45	83, 85	0400107-10S	125
0400005-46	15	0400107-2	90
0400005-47	83, 85	0400107-20S	125
0400005-48	15	0400107-3	96
0400005-49	83, 86	0400107-4	96
0400005-50	15	0400107-48	125
0400005-51	83, 86	0400107-5	92
0400005-52	83	0400107-58	125
0400005-54	83	0400107-7	92
0400005-55	83, 86	0400107-78	125
0400005-64	86	0400107-8	92
0400005-66	86	0400107-88	125
0400005-69	83	0400107-9	92
0400005-71	86	0400107-98	125
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0400007-5	85	0400107-10S	125
0400007-7	85	0400107-11	92
0400007-10	85	0400107-118	125
0400007-12	85	0400107-12	92
0400007-14	85	0400107-128	125
0400007-15	85, 99	0400201-3	88
0400007-16	85	0400201-4	90
0400007-23	85	0410000-4	29
0400007-26	85	0410000-5	29
0400007-27	85	0411035-1	64
0400007-29	85	0411045	29
0400007-30	85	0411047	36
0400007-31	85	0411051	90
0400007-32	85	0411051-4	90
0400007-33	85	0411054-2	64
0400007-35	85	0411067	107, 109
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0411174	41
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0411280-1	34
0411281	33
0411281-3	33
0411281-4	33
0411281-5	33
0411282	33
0411282-1	33
0411283	33
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0411285	34
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0411314	29
0411315	41
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0411322	29
0411323	29
0411326	36
0411333	81
0411333-1	81
0411339	96
0411340	96
0411341	96
0411345	41
0411349	33
0411349-1	33
0411360	57
0411361	43
0411362	43
0411362-1	43
0411369-1	39
0411369-2	39
0411371	29
0411372-12	41
0411372-14	41
0411389	29
0411392	29
0411394	43
0411396	34
0411396-1	34
0411408-14	41
0411408-15	41
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0411430	36	0411577	57
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0411447	43	0411579	57
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0411451	43	0411581-3	58
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0411454	39	0411582	41
0411454-1	39	0411588	29
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0411476	43	0411597-1	57
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0411481	30	0411610-7	57
0411482	30	0411610-8	57
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0411507	36	0411636	41
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0411521	90	0411639-3	57
0411522	92	0411639-19	57
0411523	92	0411639-21	57
0411524	92	0411640	39
0411528	29	0411641	39
0411528-1	29	0411643	39
0411530	29	0411647	39
0411533	43	0411651	41
0411533-1	43	0411654	90
0411534	43	0411660	86
0411534-1	43	0411663	81
0411537	58	0411663-1	81
0411538	58	0411665	57
0411540	58	0411666	81
0411541	58,60	0411666-1	81
0411542	58,60	0411667	3
0411543	58	0411670	30
0411543-1	58	0411671	92
0411548	39	0411675-12	43
0411549	39	0411675-14	43
0411550	39	0411677	133
0411551	58	0411678	29
0411551-3	58	0411680	41
0411551-4	58	0411683	29
0411552	58	0411685	33
0411554	58	0411687	114
0411555	58	0411689	41
0411557	58	0411691	63
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0411706-1	76		0411789	86
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0411709	76		0411793-8	81
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0411711-3	57		0411797	47
0411711-4	57		0411801-3	30
0411712	76		0411801-9	30
0411713	81		0411801-10	30
0411713-1	81		0411807	60,63
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0411734-10	58		0411856	78
0411734-11	57		0411856-1	78
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0411734-14	58		0411858	29
0411734-15	57		0411859	78
0411734-19	58		0411859-1	78
0411735	81		0411860	78
0411735-11	81		0411861	78
0411736	81		0411864	34
0411739	39		0411864-1	34
0411741	34		0411865	34
0411741-1	34		0411865-1	34
0411742	63		0411866	34
0411745	64		0411866-1	34
0411748	63		0411868	34
0411748-1	63		0411868-1	34
0411749-1	63		0411869-4	78
0411749-2	63		0411870	30
0411749-3	63		0411871	60
0411749-4	60,63		0411872	64
0411751	86		0411873	88
0411751-1	86		0411874	88
0411752	86		0411875-1	3
0411752-1	86		0411875-2	5,13
0411753	86		0411875-3	76,78
0411754	86		0411875-4	76,78
0411758	47		0411877	92
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AN6-34A			AN456AD4-6	
AN6-46			AN500A-8-5	
AN6H-31			AN502-416-10	
AN7-10A			AN503-8-12	
AN8-15A			AN504-6R-4	
AN8-23A			AN505-632-R10	
AN8-25A			AN507-8R8	
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AN23-10			AN515-4R8	
AN23-11			AN515-6-4	
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AN155-32L			AN515-6R8	
AN155-32S			AN515-B6R	
AN161-22RL			AN515-8R5	
AN161-22RS			AN515-8R6	
AN161-32LL			AN515-8R7	
AN165-32L			AN515-8R8	
AN231-4			AN515-8R12	
AN251-1			AN515-8R16	
AN310-3			AN515-10R5	
AN310-6			AN520-6R-12	
AN316-4R			AN520-10-5	
AN316-8R			AN520-10R-5	
AN316-10R			AN520-10R7	
AN320-3			AN520-10-8	
AN320-8			AN520-10R8	
AN340-5			AN526-8R12	
AN340-8			AN526-10R14	
AN340B-8			AN526-428R12	
AN363-1032			AN526-632R5	
AN364-524			AN526-632-8	
AN364-720			AN526-632R8	
			AN526-632R9	
			AN526-632R12	
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ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

ILLUSTRATED PARTS CATALOG



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A1663-017-1						
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A1793-10Z-064-3						
A1794-10Z-3						
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A5980-8Z-900-3						
A6052-6Z-3						
A6162-8Z-3						
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A6187-8Z-3						
A6191-8Z-3						
A6195-4Z-3						
A6195-8Z-1						
A6195-8Z-3						
A6195A-8Z-3						
A6196-8Z-1						
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FORMICA STANDARD PARTS						
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22FL-428						
22FL-720						
22TA1-02						
22NKM-8-2						

Hallman Oil Co.
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