

TEMPORARY REVISION NUMBER 2

DATED 27 JANUARY 1995

RECEIVED SEP 15 1997
R 9 7 1 2 5 3

MANUAL TITLE MODEL 170B SERIES PARTS CATALOG (1952 THRU 1956)

MANUAL NUMBER - PAPER COPY P108-12 AEROFICHE P108-12AF

TEMPORARY REVISION NUMBER - PAPER COPY P108TR2-12 AEROFICHE NA

MANUAL DATE 1 SEPTEMBER 1956 REVISION NUMBER NA DATE NA

This Temporary Revision consists of changes to the subject Parts Catalog and replaces all previously issued Revision Sheets. Pen and ink changes should be made to the paper copy of the manual and supersede the aerofiche information.

NOTE

The "R" located in the first column, of the revision sheet(s), indicates changes that have occurred since the issuance of the previous Revision Sheets and/or Temporary Revision text pages.

PAGE

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A02
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A05
A06

REASON FOR TEMPORARY REVISION

To incorporate later parts information changes to the Parts Catalog.

FILING INSTRUCTIONS FOR THIS TEMPORARY REVISION

For paper publications:

After making pen and ink changes to the Parts Catalog Pages as noted on the attached revision sheet(s) and/or Temporary Revision Text pages; file this cover sheet and the revision sheets behind the publications title page to identify the inclusion of the Temporary Revision into the manual.

For aerofiche publications:

Draw a line through any aerofiche frame (page) affected by the Temporary Revision with a permanent red ink marker. This will be a visual identifier that information in the frame (page) is no longer valid and the Temporary Revision should be referenced. Temporary Revisions should be collected and maintained in a notebook near the aerofiche library for quick reference.

CESSNA AIRCRAFT COMPANY
MODEL 170B SERIES (1952 - 1956)
PARTS CATALOG REVISION SHEET

	Page No.	Fig. No.	Index No.	CHANGE		REMARKS
				FROM	TO	
R	5	2	21	0523005	0523005-58	
R	6	2	60	NAS383-3	S378-3L	
R	6	2	61	NAS383-2	S378-2	
R	6	3	-	0523005	0523005-58	
R	6	3	27	0523508-4	0523508-8	
R	6	3	42	0523400-14	0523400-18	
R	6	6	41	0523516-5	0720608-7	
R	8	3	79	0523234-2	0720005-1	
R	8	3	109	Not Listed	0523004-11	"Right"
R	9	4	2	0523007-2	0523005-21	
R	10	5	21	0523811	0523811-1	
R	13	6	26	0523914-2	0523914-0	
R	16	8	33	0523400-15	0523400-19	
R	18	8	69	0523234-2	0720005-1	
R	19	9	2	0523007-1	0523005-22	
	21	10	10	F34-14	S1819-3	
R	21	10	21	0523811-1	0523811-0	
R	21	10	22	0523812	0523812-3	
R	23	11	26	0523914-2	0523914-0	
R	24	12	5	0523606-10	0523606-12	
R	24	12	5	0523606-11	0523606-13	
R	24	12	7	0523609	0523613-1	
R	24	12	12	AN426AD10	AN426AD10-30	
R	27	14	21	0523005-2	0532005-2	
	27	14	59	0332136-4	0332136-3	
R	27	14	59	Not Listed	52-3-551	
	27	14	60	Not Listed	52-3-551	
R	31	16	6	KS4	MS27645-4	
R	31	16	7	AR4-1	MS24462-4	
R	33	17	6	49390	S878-1	
	34	18	6	0511000-24	- - - - -	Refer to Notes, Page 5
R	37	19	31	0510114-20	0791300-5	
R	37	19	32	0510113-3	0510113-5	
	37	19	35	0510114-21	0791300-6	
	39	20	26	0513009-2 LH	0513009-2 RH	
	39	20	26	0513009-3 RH	0513009-3 LH	
R	39	20	29	0510114-20	0791300-5	
	39	20	33	0510114-21	0791300-6	
R	41	21	3	0411129-	S204	
R	41	21	46	0713495-19	0713495-63	
R	41	21	52	0713495-51	0713495-21	

Please update your parts catalog as shown above.

CESSNA AIRCRAFT COMPANY
MODEL 170B SERIES (1952 - 1956)
PARTS CATALOG REVISION SHEET

	Page No.	Fig. No.	Index No.	CHANGE		REMARKS
				FROM	TO	
	41	21	54	0713495-26	0713495-18	
	41	21	55	0713495-18	0713495-26	
R	41	21	56	0713495-20	0713495-64	
R	41	21	56	0713495-4	0713495-8	
R	41	21	56	0713495-58	0713495-18	
R	41	21	56	0713495-5	0742115-25	
R	41	21	57	0713495-52	0713495-60	
R	43	22	11	0311001-27	S350	
R	45	23	1	0591200-56	0512000-36	
R	45	23	18	0512000-73	0512000-79	
	49	25	31	0512154-1	-----	No Longer Available
R	52	27	29	0541117-12	95-23482	
	57	31	12	0311710	0311710-6	
	57	31	16	-----	-----	Refer to Notes, Page 6
R	57	31	22	59-022-044-37S	59-022-094-375	
R	61	33	26	0511227	0511227-4	
R	61	33	58	0511106-105	S1005-84	
R	63	34	3	0511106-91	0511106-142	
R	63	34	21	0511227-1	0511227-5	
R	63	34	46	O511106-105	S1005-84	
R	63B	34A	3	0511106-151	0511106-164	
R	63B	34A	10	0511106-158	0511106-166	
R	63B	34A	21	0511227-1	0511227-5	
	65	35	26	-----	-----	Refer to Notes, Page 6
	65	35	27	-----	-----	Refer to Notes, Page 6
	65	35	28	-----	-----	Refer to Notes, Page 6
R	67D	36A	41	0500103-40	05001003-60	
	69	37	20	0411090-3	0411090-1	
R	73	41	4	0411086-10	0411086-15	
R	73	41	6	0411008-2	0713068-2	
R	73	41	7	0411087-23	0450017-10	
R	75	42	13	0411090-12	0411090-8	
	75	42	15	0411090-9	0411090-7	
R	75	42	16	0411090-10	0411090-22	
	75B	42A	16	0411090-8	0411090-22	
	75B	42A	13	0411090-8	0411090-22	
	75D	42B	37	A1181-6Z-3	NAS446-2	
R	77	44	2	0411086-10	0411086-15	
R	77	44	4	0411008-2	0713068-2	
	79	46	2	0411098-6	DM 7653	
	83	48	10	0552002-1	0552002-68	

Please update your parts catalog as shown above.

CESSNA AIRCRAFT COMPANY
MODEL 170B SERIES (1952 - 1956)
PARTS CATALOG REVISION SHEET

	Page No.	Fig. No.	Index No.	CHANGE		REMARKS
				FROM	TO	
	83	48	11	0552002-2	0552002-71	
R	83	48	26	0552002-51	0595000-6	
R	83B	48A	11	0552002-71	0552002-68	
R	85	49	14	0550158	S1104-3	
	87	50	11	S-51-10-12	S51-10	
R	87	50	13	0550159	0550179-1	
	87	50	35	0450320-29	No Change	Add: Order AD79-9-2 (Bulk)
	87	50	36	0450320-28	No Change	Add: Order 9AX11-2 (Bulk)
	91	52	-	Not Listed	SK170-1	
R	91	52	11	0450171	0550117	
	93	53	-	Not Listed	SK170-2	
	94	54	22	0450320	0450320-16	Order AD79-9-2D (Bulk)
R	97	57	22	035112-8	035112-5	
	100	59	4	AN515-10R8	1024X1/2	
R	105	63	37	0511191	0511191-1	
R	106	64	7	AF934-5	M829513-10	
	107	65	5	A114	S378-4	
R	107	65	12	BB-208	S378-3L	
	107	65	17	BB-208	S378-3L	
	107	65	27	#6	S338-10	
R	107A	65	22	#6	S338-10	
	107B	65A	3	Deleted	0311323-4	Chain
	107B	65A	4	Deleted	0742200-6	Clip
R	109	66	15	NAS383-4	S378-4	
R	109	66	19	AN210-4B	S378-4	
R	109	66	26	AN210-4B	S378-4	
R	109	66	31	AN210-4B	S378-4	
R	109	66	35	AN210-4B	S378-4	
R	109	66	45	F-140	S394	
R	109	66	51	NAS383-3	S378-3L	
R	111	67	11	NAS383-3	S378-3L	
R	111	67	17	NAS383-3	S378-3L	
R	113	68	30	AN163-16L	AN165-16RL	
R	113	68	35	NAS383-2	S378-2	
R	113	68	47	AN210-2B	S378-2	
R	113	68	53	AN383-2	S378-2	
R	113A	68	69	NAS43HT-5-36	NAS42HT-5-36	
R	113A	68	70	NAS42DD-4-16	NAS42-4-16	
	117	70	28	0411021-1	0712603-1	
R	117A	70A	3	0411062-2	0411062-4	
	124E	72B	22	0500027-1	0500027-4	Cessna

R

Please update your parts catalog as shown above.

CESSNA AIRCRAFT COMPANY
MODEL 170B SERIES (1952 - 1956)
PARTS CATALOG REVISION SHEET

[illegible]

Please update your parts catalog as shown above.

CESSNA AIRCRAFT COMPANY
MODEL 170B SERIES (1952 - 1956)
PARTS CATALOG REVISION SHEET

NOTES

PG	Figure	Index No.	P/N	Remarks:
34	18	6	P/N 0511000-24	Cap only. Refer to Page 104, Figure 63, Item #1, for vent system.
57	31	16	0500101-45	Change Serial 26039 thru 26054 to read 26039 thru 26300.
			0500102-45	Change Serial 26505 thru 26995 to read 26301 thru 26995.
65	35	26		Change Serial 25372 to 20524, and "& on " to "thru 25372".
65	35	27		Change Serial 25372 to 20524, and "& on " to "thru 25372".
65	35	28		Change Serial 25372 to 20524, and "& on " to "thru 25372".
133	76	24		Use 2each AN844-6D elbow 1 each S51-6-13 hose 2 each NAS 397-12 clamp

Please update your parts catalog as shown above.

TEMPORARY REVISION NUMBER 1

DATED 5/01/92 RECEIVED SEP 1 1997
R 9 7 1 2 5 3

MANUAL TITLE MODEL 170B SERIES PARTS CATALOG (1952 THRU 1955)

MANUAL NUMBER - PAPER COPY P108-12 AEROFICHE P108-12AF

TEMPORARY REVISION NUMBER - PAPER COPY P108TR1-12 AEROFICHE N/A

MANUAL DATE OCTOBER 1954 REVISION NUMBER DATE

This Temporary Revision consists of the following pages, which effect and replace existing pages in the paper copy manual and supersede aerofiche information.

PAGE

FICHE/FRAME

21

1 C8

REASON FOR TEMPORARY REVISION

To correct part number of Aileron Push Pull Rod End

FILING INSTRUCTIONS FOR THIS TEMPORARY REVISION

For paper publications:

File this cover sheet behind the publication's title page to identify the inclusion of the Temporary Revision into the manual. Insert the new pages into the publication at the appropriate location(s) and remove and discard the superseded pages.

For aerofiche publications:

Draw a line through any aerofiche frame (page) affected by the Temporary Revision with a permanent red ink marker. This will be a visual identifier that the information in the frame (page) is no longer valid and the Temporary Revision should be referenced. Temporary Revisions should be collected and maintained in a notebook near the aerofiche library for quick reference.

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASSY
10-	No Number	Aileron Installation - Right wing (see figure 7 for NHA) (0523800 Ref).	Ref
-1	0523223-1	Bellcrank Assembly - Aileron	1
-2	0422380	Bushing	2
-3	B810X	Bearing - Torrington	2
-4	0522629	Washer	1
-5	AN4-42A	Bolt - (Attach bellcrank)	2
-6	AN365-428	Nut - (Attach bellcrank)	1
-7	0523221	Bushing - (Attach bellcrank)	1
-8	0523222	Bushing - Bellcrank stop	1
	0523218	Rod Assembly - Aileron push-pull	1
-9	0523218-3	Rod - Aileron push-pull	2
-10	S1819-3	End - Rod	2
-11	AN316-4R	Nut - Check	2
-12	AN3-7A	Bolt - (Attach aileron push-pull rod)	2
-13	AN365-1032	Nut - (Attach aileron push-pull rod)	12
-14	NAS229-8	Screw - (Attach aileron hinge to wing)	12
-15	AN365-1032	Nut - (Attach aileron hinge to wing)	1
-16	0523800-1	Aileron Assembly - Right wing	1
-17	0523808-1	Spar - Right aileron	2
-18	0523808-2	Rib #1 - Aileron	1
-19	0523809-1	Rib #2 - Right aileron (not available for spares)	1
-20	0523810	Rib #3 - Aileron (not available for spares)	1
-21	0523811-1	Rib #4 - Aileron	1
-22	0523812	Bracket - Control	6
-23	NAS-448-163C-4-8	Rivet - (Attach bracket)	1
-24	0523814	Bracket - (Attach aileron weight)	1
-25	0523814-2	Bracket - (Attach aileron weight)	2
-26	0721108	Weight - Aileron balance	1
-27	0523800-7	Skin - Upper right inboard (not available for spares)	1
-28	0523800-8	Skin - Upper right outboard	1
-29	0523800-11	Skin - Lower right inboard (not available for spares)	1
-30	0523800-13	Skin - Lower right outboard	1
-31	0523813-1	Spacer	1
-32	0523813-8	Spacer	1
-33	0523813-6	Spacer	1
-34	0523813-7	Spacer	1
-35	0523807	Hinge Assembly - Aileron	2

ILLUSTRATED PARTS CATALOG

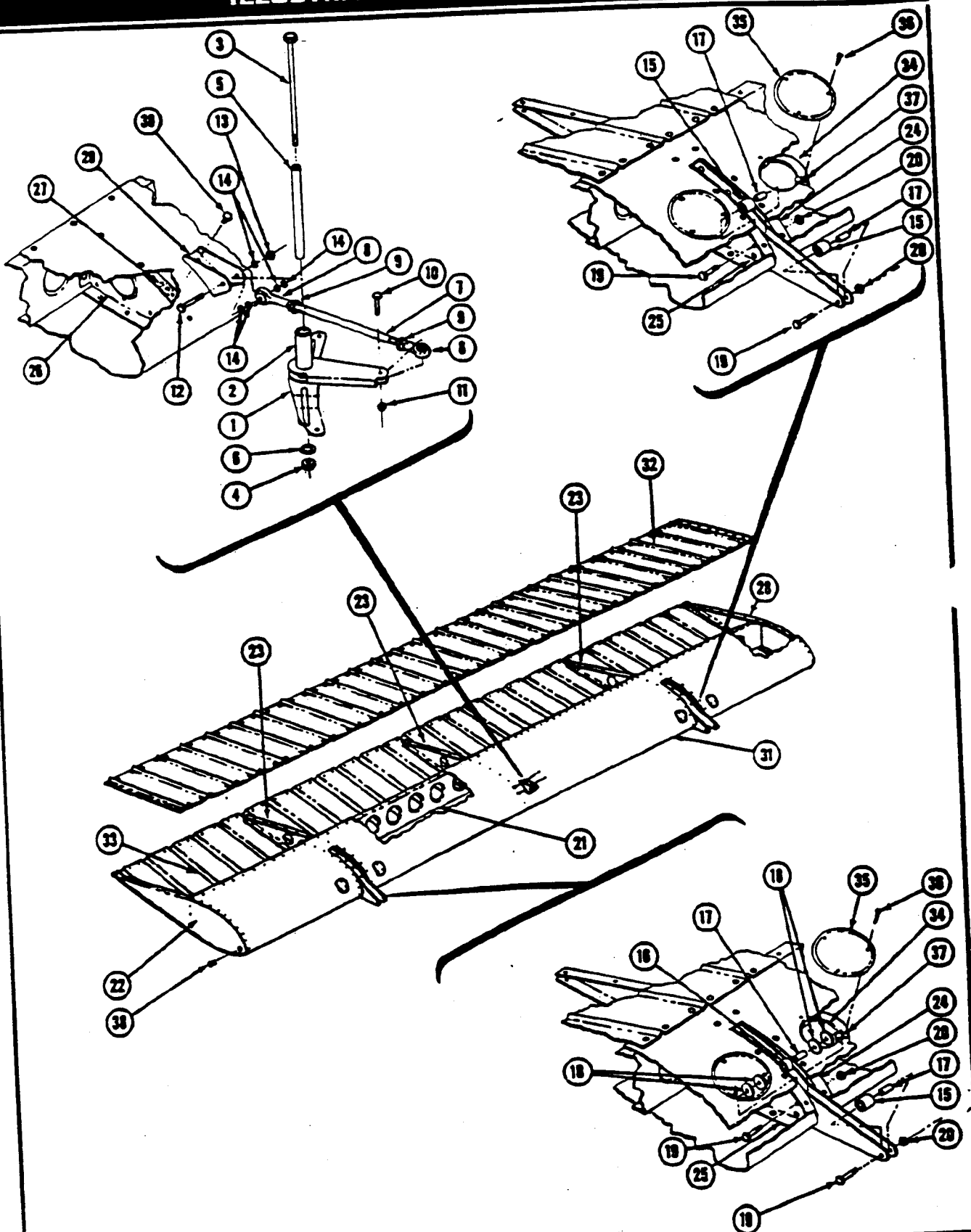


FIGURE 11. RIGHT FLAP INSTALLATION



RECEIVED SEP 13 1997 R 9 7 1 2 5 3

PARTS CATALOG REVISIONS

REFERENCE CATALOG NUMBER: P108-12

DATE: Feb. 26, 1971

CATALOG TITLE: 170B

TO: All Distributors and Dealers

FROM: Service Parts Center

TO ELIMINATE SHIPMENTS OF INCORRECT PARTS, PLEASE
CORRECT YOUR CATALOG IMMEDIATELY AS SHOWN BELOW.

CAT.	PAGE	FIG.	INDEX	CHANGE		REMARKS
				FROM	TO	
170B	107	65	27	NO6	S338-10	Fairlead

Model 170
(P108-12)
Feb 16, 1965

Catalog Revisions

PLEASE CORRECT CATALOG AS SHOWN BELOW

[illegible]

**TO ELIMINATE SHIPMENTS OF INCORRECT PARTS
PLEASE CORRECT CATALOGS IMMEDIATELY.**

The Cessna Aircraft Company

Wichita, Kansas

Sept. 1, 1956

Model 170B

Catalog Revisions

PLEASE CORRECT CATALOG AS SHOWN BELOW

Cat.	Page	Fig.	Index	CHANGE		REMARKS
				FROM	TO	
170B	87	50	36	0450320-28		Order 9AX11-2 (Bulk)
	91	52		No Number	SK170-1	Engine baffle kit
	93	53		No number	SK170-2	Engine baffle kit
	94	54	22	0450320	0450320-16	Order AD79-9-2D (Bulk)
	100	59	4	AN515-10R8	1024 x 1/2	
	107B	65A	3	Deleted	0311323-4	Chain
	107B	65A	4	Deleted	0742200-6	Clip
	117	70	28	0411021-1	0712603-1	
	124E	72B	22	0500027-1	0500027-4	Cessna
					0500027-5	(170)
	135	77	31		0513004-10	Panel- Add in same column and directly above "Card-Compass"
	143	82	23			0552001-60 Not part of kit
		82	24			AN515-8R5 Not part of kit
		82	25			AN365-832 Not part of kit
	150	89		53-3-832	52-3-832	
	157	95	56	0541116-41	95-30593	
	157	95	57	0541116-42	95-5383	
	158	95	69	0541117-7	0541116-36	
	158	95	70	#10-24 NC x 7/8	95-5163	
	157	95	14	0441150-8		Delete "Tire" in description
	157	95	15	0441150-9		Delete "Tire" in description
	157	95	19	0541116-37		Delete - Not Available
	157	95	19	0541116-38		Delete - Not Available

TO ELIMINATE SHIPMENTS OF INCORRECT PARTS
PLEASE CORRECT CATALOGS IMMEDIATELY.

Catalog Revisions

PLEASE CORRECT CATALOG AS SHOWN BELOW

Cat.	Page	Fig.	Index	CHANGE		REMARKS
				FROM	TO	
170B	157	95	20	6:00 x 6	0441016-24	Move indentation to first column
	157	95	21	6:00 x 6	0441016-13	Move indentation to first column
	113A	68	69	NAS43HT-5-36	NAS42HT-5-36	Spacer
	34	18	6	0511000-24		Cap only. Refer to page #104, figure 63, item #1 for vent system
	41	21	54	0713495-26	0713495-18	Per revision notice of 11-58
	41	21	55	0713495-18	0713495-26	
	133	76	24	0500106-57	See remarks	Use 2 each AN844-6D elbow 1 each S51-6-13 hose 2 each NAS 397-12 clamp Per revision notice of 7-11-60

TO ELIMINATE SHIPMENTS OF INCORRECT PARTS
PLEASE CORRECT CATALOGS IMMEDIATELY.

The Cessna Aircraft Company
Wichita, Kansas

Sept. 1, 1956
Model 170B

Catalog Revisions

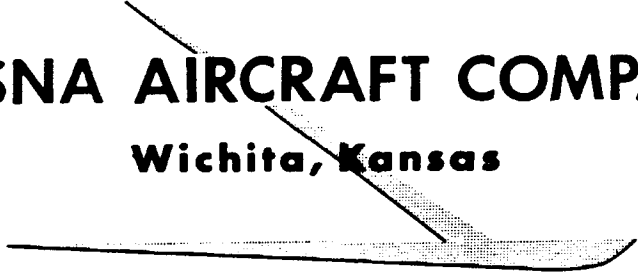
PLEASE CORRECT CATALOG AS SHOWN BELOW

Cat.	Page	Fig.	Index	CHANGE		REMARKS
				FROM	TO	
170B	27	14	59	0332136-4	0332136-3	Abrasion boot kit (Add)
	27	14	60		52-3-551	
	37	19	31	0510115-20	0791300-5	
	37	19	35	0510114-21	0791300-6	
	39	20	29	0510114-20	0791300-5	
	39	20	33	0510114-21	0791300-6	
	49	25	31	0512154-1		Delete
	57	31	12	0311710	0311710-6	
	57	31	16	0500101-45		Change Serial 26039 thru 26504 to read 26039 thru 26300.
				0500102-45		Change Serial 26505 thru 26995 to read 26301 thru 26995.
	65	35	26	25372	20524	Serial number change
				on	25372	Serial number change
	65	35	27	25372	20524	Serial number change
				on	25372	Serial number change
	65	35	28	25372	20524	Serial number change
				on	25372	Serial number change
	75	42	15	0411090-9	0411090-7	
	79	46	2	0411098-6	DM 7653	
	83	48	10	0552002-1	0552002-68	
	83	48	11	0552002-2	0552002-71	
	87	50	11	S-51-10-12	S51-10	
	87	50	35	0450320-29		Order AD79-9-2 (Bulk)

TO ELIMINATE SHIPMENTS OF INCORRECT PARTS
PLEASE CORRECT CATALOGS IMMEDIATELY.

CESSNA AIRCRAFT COMPANY

Wichita, Kansas



September 1, 1956

THIS SUPERCEDES ALL PREVIOUS MODEL 170B PARTS CATALOGS

FOREWORD

This illustrated Parts Catalog has been prepared to aid you in easily and quickly identifying parts of the Cessna 170B Series airplanes. To simplify the organization of the parts listings, the catalog has been divided into two sections. The first section contains all of the major assemblies, sub-assemblies, and parts of a standard equipped airplane. The second section consists of the Optional Equipment offered by Cessna for the 170B airplane.

INDEXES

This catalog features an index system consisting of:

1. An Alphabetical Index located in the front of the catalog.
2. A Pictorial Index, provided in Figure 1. - Airplane Assembly.
3. A Numerical Index located in the back of the catalog.
4. In the Numerical Index, each standard part is listed only under the first figure on which it is required, regardless of how often it appears in the catalog.

VENDORS NUMBERS

The use of vendor's numbers have been discontinued wherever possible. In their place, Cessna numbers have been assigned. This change has been made for the convenience and protection of all concerned. Vendors occasionally change their numbers or re-design their parts. When this happens, the vendor's numbers shown in the catalog are obsolete. This causes confusion and delay in filling your order. However, if the part is ordered under a Cessna part number, the correct part is shipped regardless of any change of the vendor's number.

STANDARD PARTS

For standard hardware items such as Tinnerman nuts, clamps, etc., "AN" and "NAS" numbers have been used. The vendor's numbers are also used to aid you in identifying the correct parts.

SERIAL LISTING

When a part is not used on all airplanes covered by this catalog, the serials of the airplanes, for which it is applicable, will be noted after the nomenclature of the part.

NON-INTERCHANGEABLE PARTS. — When the new and old style parts are not interchangeable, the applicable airplane serials for both parts will be listed and care should be exercised to be sure you are ordering the correct parts for a specific airplane.

INTERCHANGEABLE PARTS. — When the new style part is completely interchangeable with the old style part, both parts will be serialized, and the notation ("When exhausted use ____") will be entered immediately following the serial listing of the old style part. This means that the old style part should be used on the airplanes to which they apply until the supply of these parts have been exhausted - after which time, the new style parts should be used. This is done to simplify the stocking of parts by our distributors and dealers. The old style part is just as good, physically and functionally, as the new style part - the only difference being that the new style part can be used on more than one block of airplane serials.

SYMBOLS

NHA - The symbol "N.H.A." is an abbreviation for "Next Higher Assembly."

REF - The use of "Ref" in the "units per assembly column" denotes an item that is entered for reference purposes only. This item is a part of some assembly or sub-assembly listed elsewhere in the catalog. In each case, the figure listing the requirements of this item is shown in parenthesis immediately following the nomenclature.

AR - The symbol "A.R." (as required) is used to indicate bulk quantity where an indefinite amount is used.

PART NUMBER TERMS

Any part with its number appearing in the catalog may be ordered.

When the term "Deleted" appears, it means the part has been used previously but is no longer required.

When the term "No Number" appears, it means it is impractical to sell these parts as separate items. However, some vendors items listed in this manner may be purchased by contacting the vendor.

HOW TO ORDER

USE YOUR CATALOG TO ORDER PARTS. Use Parts and Accessories order form Number 807 or 808, 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.

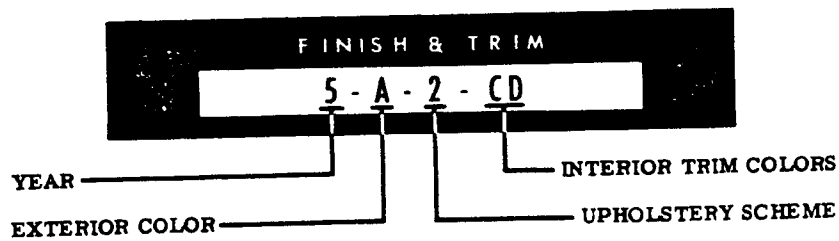
STANDARD PAINT COMBINATIONS Model 170B				
YEAR	Color			
	EXTERIOR	INTERIOR	ENGINE CASE	ENGINE COOLING
1957	INSIGNIA RED 5500	LIMA TAN 6600	MATADOR RED 6600	GULL GRAY ENAMEL 95-9375 SYNTHETIC
	SERGE BLUE 6600	LIMA TAN 6600	SERGE BLUE 6600	
1953	INSIGNIA RED 5500	NEW LIMA TAN 23-8642	NEW LIMA TAN 23-8642	GULL GRAY ENAMEL 95-9375 SYNTHETIC
	SERGE BLUE 6600	NEW LIMA TAN 23-8642	NEW LIMA TAN 23-8642	
1951	DEEP RED 27-10023	TROOPER TAN E23-9691	VICTORIA MAROON E23-10020	GULL GRAY ENAMEL 95-9375 SYNTHETIC
	DEEP BLUE 27-10024	TROOPER TAN E23-9691	YOSEMITE BLUE E23-10019	

FINISH & TRIM PLATE

Effective with the 1955 model 170B, a "FINISH AND TRIM" plate has been installed on the left rear door post directly below the M.A.A. name plate.

This plate indicates the model year, exterior paint color, upholstery scheme and interior trim colors.

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



FINISH & TRIM NUMBER (5 - A - 2 - CD)

"5" = 1955 Model

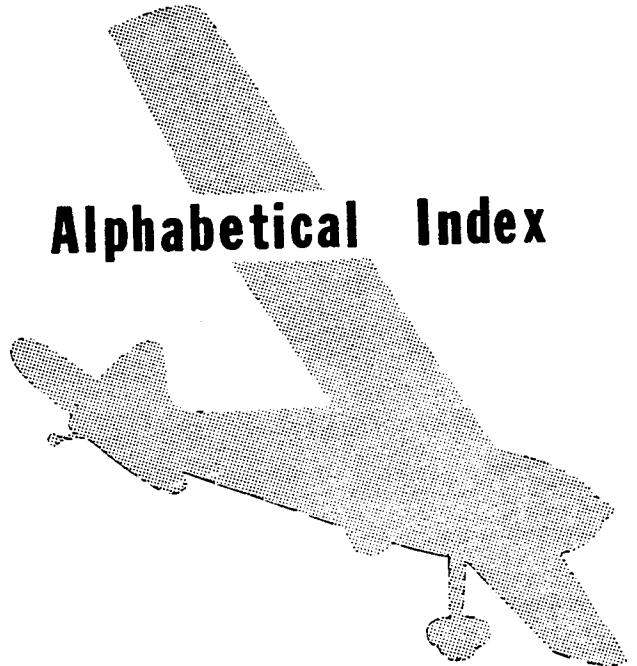
"A" = Welsh Green Exterior Color

"2" = Rust & Tan Upholstery

"CD" = Trooper Tan & Autumn Rust Interior Trim

CODE CHART						
PAINT & UPHOLSTERY COMBINATIONS						
Model 170B						
YEAR	EXTERIOR PAINT		UPHOLSTERY		INTERIOR TRIM	
CODE	CODE	COLOR	CODE	COLOR	CODE	COLOR
5	A	WELSH GREEN 27-11457	2	RUST & TAN	C	TROOPER TAN E23-9691
	B	CYPRIA METALLIC RED 27-10892			D	AUTUMN RUST 27-10894
	F	CHARTREUSE 27-11611	3	BLUE & GREY	E	YOSEMITE BLUE E23-10019
	G	TURQUOISE 27-11610				
6	A	PARCHMENT WHITE 27-12098	2	BLUE & IVORY	F	SHADOW BLUE 27-12319
	B	SCANDIA BLUE 27-12551			G	BLACK (GLOSS) 27-515
	C	STRATO BLUE 27-12552	3	RED & IVORY	H	PARCHMENT WHITE 27-12098
	D	CARDINAL RED 27-13601				
	E	BURMA GOLD 27-12555				

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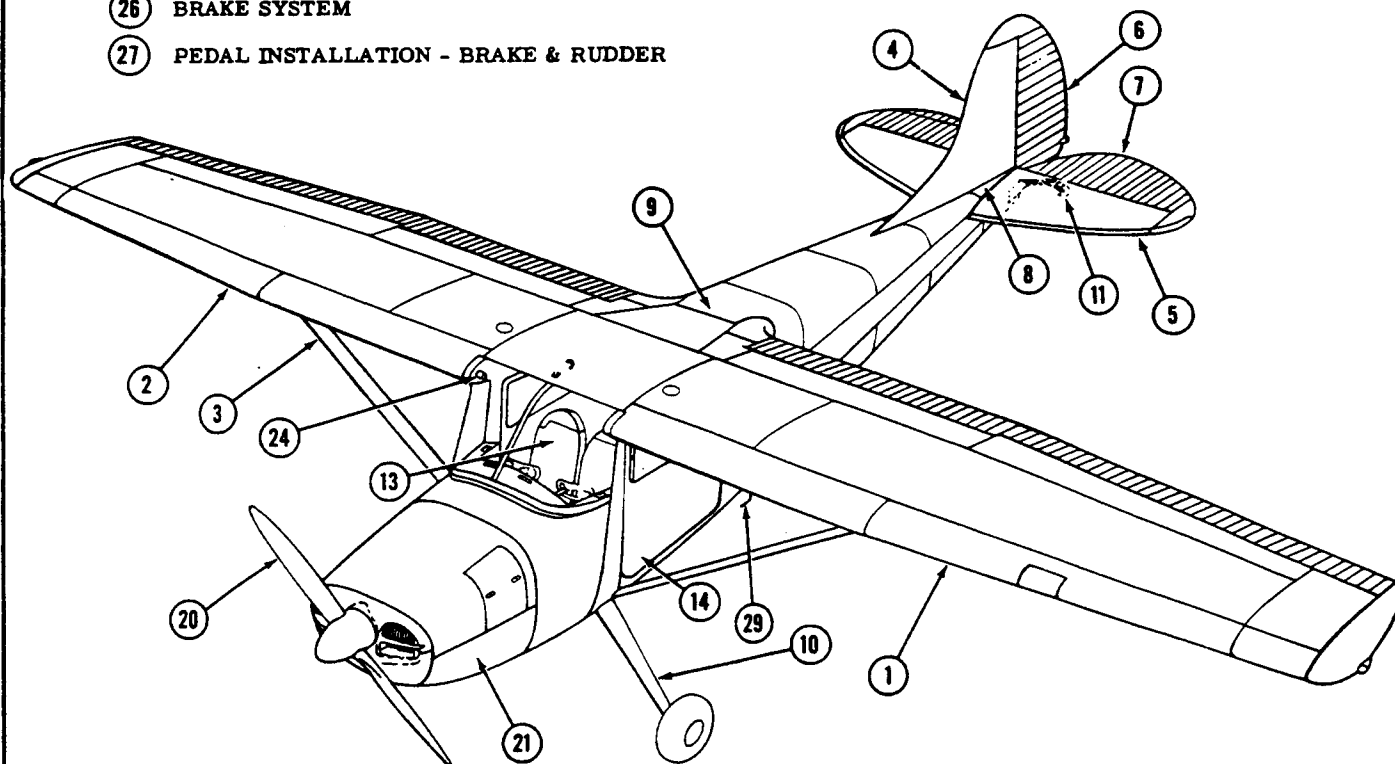
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- (16) STATIONARY INSTRUMENT PANEL EQUIPMENT INSTALLATION
- (17) SHOCK MOUNTED INSTRUMENT PANEL INSTALLATION
- (18) STATIONARY INSTRUMENT PANEL EQUIPMENT INSTALLATION
- (19) SHOCK MOUNTED INSTRUMENT PANEL INSTALLATION
- (22) ENGINE INSTALLATION
- (23) CABIN HEATER INSTALLATION
- (25) FIREPROOF GROMMET INSTALLATION
- (26) BRAKE SYSTEM
- (27) PEDAL INSTALLATION - BRAKE & RUDDER



- (28) CONTROL TEE INSTALLATION
- (30) FUEL & OIL SYSTEM
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- (33) AILERON CONTROL SYSTEM
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- (35) FLAP CONTROL SYSTEM
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- (37) FUSELAGE ELECTRICAL EQUIPMENT & WIRING INSTALLATION
- (38) ELECTRICAL WIRING DIAGRAM
- (39) DECALS, PLACARDS, & EXTERIOR MARKINGS INSTALLATION

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1-	0500010	Airplane Assembly	1
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-2	See Figure 7	Wing Installation - Right	1
-3	See Figure 12	Strut Installation - Wing	1
	No Number	Empennage Installation	1
-4	See Figure 13	Fin & Dorsal Installation	1
-5	See Figure 14	Stabilizer Installation	1
-6	See Figure 15	Rudder Installation	1
-7	See Figure 16	Elevator Installation	1
-8	0530009	Fairing - Empennage LH	1
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	PK76XZ-8-8	Screw - (Attach fairing)	1
-9	See Figure 17	Fuselage Assembly	1
-10	See Figure 26	Landing Gear Installation	1
-11	See Figure 28	Tailwheel Installation - (Serial 20267 thru 20805)	1
	See Figure 29	Tailwheel Installation - (Serial 20806 & on)	1
-12	See Figure 31	Seat Installation - Rear	2
-13	See Figure 32	Seat Installation - Front	1
-14	See Figure 33	Door Installation - Cabin LH	1
	See Figure 34	Door Installation - Cabin RH (serial 20267 thru 26995)	1
	See Figure 34A	Door Installation - Cabin RH (serial 26996 & on)	1
-15	See Figure 35	Upholstery Installation - (Serial 20267 thru 25372)	1
	See Figure 36	Upholstery Installation - (Serial 25373 thru 26995)	1
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-16	See Figure 37	Stationary Instrument Panel Equipment Installation - (Serial 20267 thru 25372)	1
-17	See Figure 40	Shock Mounted Instrument Panel Installation - (Serial 20267 thru 25372)	1
-18	See Figure 42	Stationary Instrument Panel Equipment Installation - (Serial 25373 thru 26038)	1
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-19	See Figure 43	Shock Mounted Instrument Panel Installation - (Serial 25373 & on)	1
-20	See Figure 46	Propeller Installation	1
-21	See Figure 47	Engine Cowl Installation - (Serial 20267 thru 25372)	1
	See Figure 48	Engine Cowl Installation - (Serial 25373 thru 26995)	1
	See Figure 48A	Engine Cowl Installation - (Serial 26996 & on)	1
-22	See Figure 49	Engine Installation	1
-23	See Figure 54	Cabin Heater Installation - (Serial 20267 thru 25372)	1
	See Figure 55	Cabin Heater Installation - (Serial 25373 & on)	1
-24	See Figure 56	Cabin Ventilation System	1
-25	See Figure 57	Fireproof Grommet Installation	1
-26	See Figure 58	Brake System	1
-27	See Figure 60	Pedal Installation - Brake & rudder (serial 20267 thru 26995)	1
	See Figure 60A	Pedal Installation - Brake & rudder (serial 26996 & on)	1
-28	See Figure 61	Control Tee Installation - (Serial 20267 thru 26995)	1
	See Figure 61A	Control Tee Installation - (Serial 26996 & on)	1
-29	See Figure 62	Pitot System	1
-30	See Figure 63	Fuel & Oil System	1
-31	See Figure 65	Rudder Control System	1
-32	See Figure 65A	Tailwheel Steering Control System - (Serial 26505 & on)	1
-33	See Figure 66	Aileron Control System	1
-34	See Figure 67	Elevator Control System	1
-35	See Figure 68	Flap Control System	1
-36	See Figure 69	Elevator Tab Control System	1
-37	See Figure 70	Fuselage Electrical Equipment & Wiring Installation	1
-38	See Figure 71	Electrical Wiring Diagram - (Serial 20267 thru 25372)	1
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	See Figure 72A	Electrical Wiring Diagram - (Serial 26996 & on)	1
-39	See Figure 72B	Decals, Placards & Exterior Markings Installation	1

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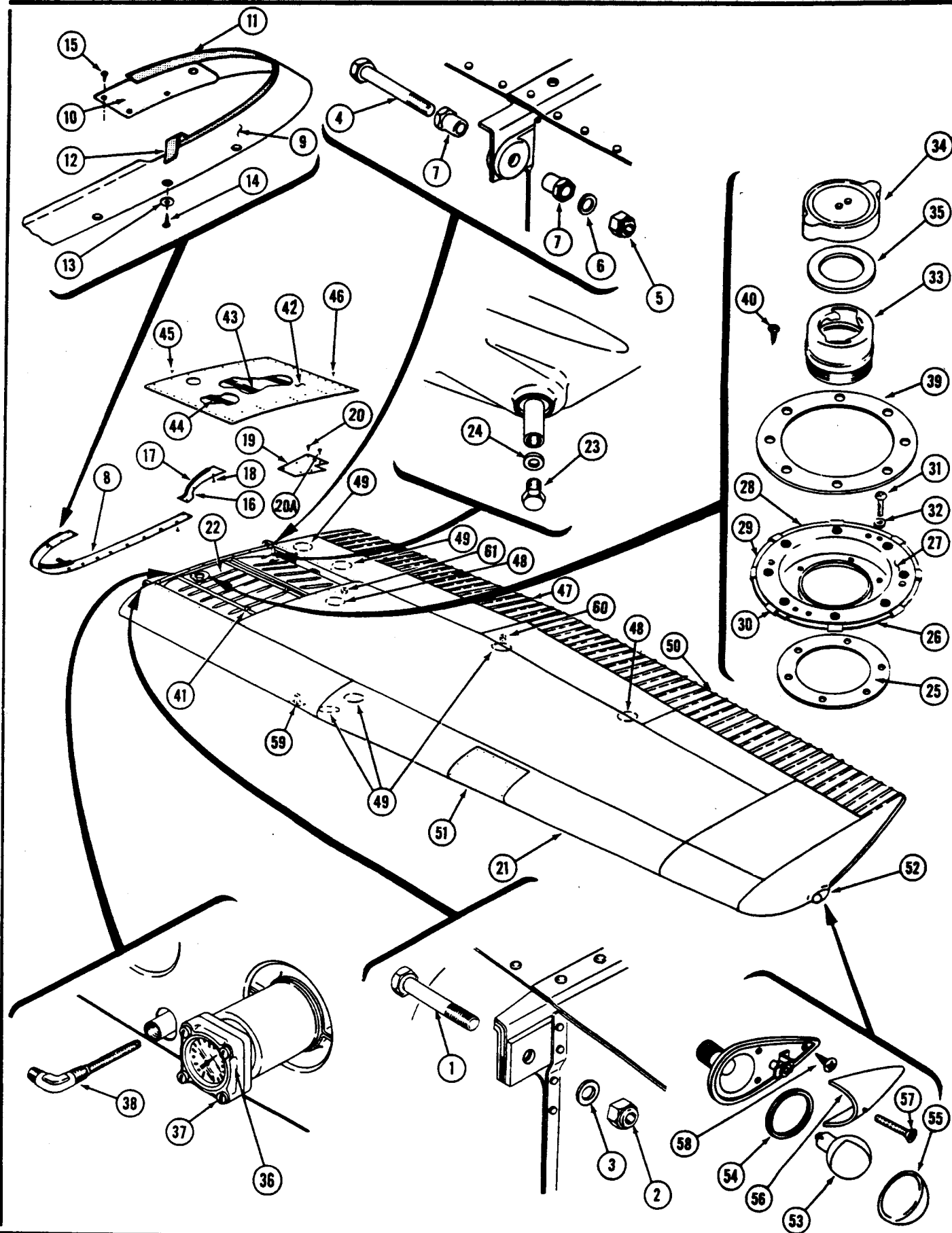


FIGURE 2. LEFT WING INSTALLATION

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FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASSY
2-	No Number	Wing Installation - Left (see figure 1 for NHA) (0523006 Ref)	Ref
-1	AN8-23A	Bolt - (Attach wing front spar to fuselage)	1
-2	AN364-820	Nut - (Attach wing front spar to fuselage)	1
-3	AN960-816	Washer - (Attach wing front spar to fuselage)	1
-4	AN7-24A	Bolt - (Attach wing rear spar to fuselage)	1
-5	AN364-720	Nut - (Attach wing rear spar to fuselage)	1
-6	AN960-716	Washer - (Attach wing rear spar to fuselage)	1
-7	0512123	Bushing - (Attach wing rear spar to fuselage)	2
-8	0520005-12	Fairing Assembly - Left wing	1
-9	0520005-10	Fairing - Left wing	1
-10	0520005-6	Extension - Left wing fairing	1
-11	0520005-3	Rub Strip	1
-12	0520005-7	Rub Strip	7
-13	0411852	Washer - (Attach fairing)	7
-14	PK79XZ-8-8	Screw - (Attach fairing)	4
-15	PK76XZ-8-8	Screw - (Attach fairing)	1
-16	0520008	Fairing Assembly - Left wing rear lower	1
-17	X200	Moulding	4
-18	PK76XZ-8-8	Screw - (Attach fairing)	1
-19	0520007	Plate - Wing aft upper fairing	3
-20	AN520-10R5	Screw - (Attach fairing)	3
-20A	PK76XZ-8-8	Screw - (Attach fairing)	1
-21	No Number	Wing Assembly - Complete left	1
	0523005	Structure Assembly - Left wing (see figure 3 for breakdown)	1
-22	0523520-10	Tank Assembly - Left wing fuel	1
-23	AN814-4BL	Plug - Drain	1
-24	AN902-4	Gasket - Fuel tank drain	2
-25	0523532	Gasket - Fuel tank adapter	1
-26	0523520-8	Adapter Assembly - Fuel tank	1
-27	0523529	Adapter - Fuel tank	1
-28	0523530	Retainer Assembly	2
-29	0523530-2	Strip - Retainer	8
-30	NAS395-17-3	Nut - (Tinnerman A1348-8Z-3)	6
-31	AN515-10R10	Screw - (Attach adapter)	6
-32	0311001-27	Washer - (Attach adapter)	1
-33	0311240-17	Filler Neck - Fuel tank	1
-34	0311360-4	Cap Assembly - Fuel tank	1
-35	0311360-5	Gasket - Cap	1
-36	0422006-2	Gage - Fuel	4
-37	AN502-416-10	Screw - (Attach fuel gage)	4
	1114-5	Washer - Shakeproof	1
-38	0422130	Strainer Assembly - Fuel	1
-39	0523531	Gasket - Strainer	8
-40	PK76XZ-8-10	Screw - (Attach fuel tank adapter)	2
-41	AN520-10R26	Screw - (Attach fuel tank straps)	2
	AN365-1032	Nut - (Attach fuel tank straps)	1
-42	0523521-10	Cover Assembly - Left fuel tank top	1
-43	0523521-5	Pad - Center hat section	1
-44	0523521-6	Pad - Forward hat section	14
-45	NAS228-12	Screw - (Attach fuel tank cover)	37
-46	NAS228-8	Screw - (Attach fuel tank cover)	1
-47	No Number	Flap Installation - Left wing (see figure 6 for breakdown)	2
-48	0322128	Plate - Inspection	8
	PK76XZ-8-6	Screw - (Attach inspection plate)	5
-49	0311516	Plate - Inspection	15
	PK76XZ-8-8	Screw - (Attach inspection plate)	1
-50	No Number	Aileron Installation - Left wing (see figure 5 for breakdown)	1
-51	0523115-2	Plate - Landing light gap cover	1
-52	0423006-1	Light Assembly - Left wing position	1
-53	0423006-6	Bulb - Left wing position (12 volt)	1
-54	0423006-7	Gasket - Light - Wing position	1
-55	0423006-2	Lens - Left wing position light (red)	1
-56	0423006-5	Fairing - Left wing position light	1
-57	PK148-632-10	Screw - (Attach fairing to lamp base)	3
-58	PK76XZ-8-6	Screw - (Attach light assembly to wing tip)	1
-59	0511062-4	Wing Unit - Stall warning actuator (Safe Flight Inst. Corp. 1-02-000)	4
	PK76XZ-8-6	Screw - (Attach stall warning actuator)	4
	NAS395-17-3	Nut - (Attach stall warning actuator) (Tinnerman A1348-8Z-3)	4

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
2-60	NAS383-3	Pulley - Aileron control	1
	AN4-10A	Bolt - (Attach pulley)	1
	AN365-428	Nut - (Attach pulley)	1
	NAS382-2	Bushing - (Attach pulley)	1
	AN960-10L	Washer - (Attach pulley)	1
-61	NAS383-2	Pulley - Flap control	1
	AN3-7A	Bolt - (Attach pulley)	1
	AN365-1032	Nut - (Attach pulley)	1
	NAS382-1	Bushing - (Attach pulley)	1
	AN960-10	Washer - (Attach pulley)	AR

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
3-	0523005	Structure Assembly - Left wing (see figure 2 for NHA)	Ref
-1	No Number	Leading Edge Assembly - Left wing (see figure 4 for breakdown)	1
-2	A2980A-4-27	Clamp - Tinnerman (attach pitot line)	1
-3	PK76XZ-8-8	Screw - (Attach clamp)	1
-4	NAS395-16-3	Nut - (Attach clamp) (A1789-8Z-3)	1
-5	0500005-74	Wire - Landing light	1
-6	0500005-81	Wire - Stall warning actuator	1
-7	0500005-38	Wire - Left navigation light	1
-8	A3046A-4	Clamp - Tinnerman (attach wires)	1
-9	PK76XZ-8-8	Screw - (Attach clamp)	1
-10	NAS446-4	Nut - (Tinnerman #A1778-8Z-3)	1
-11	0500106-53	Tube - Pitot	1
-12	0500106-54	Line - Pitot	1
-13	AN815-4D	Union - (Connect pitot tube)	1
-14	A2980A-4-27	Clamp - Tinnerman (attach pitot line)	2
	PK76XZ-8-8	Screw - (Attach clamp)	2
	NAS395-16-3	Nut - (Attach clamp) (A1789-8Z-3)	2
-15	0523301-1	Spar Assembly - Left wing front	1
-16	AN336F832	Nutplate	14
-17	0523524	Spacer	1
-18	PK86XA-10-10	Screw - Truss head (attach spacer)	2
-19	0523306	Fitting - Strut attachment	1
-20	AN5-7A	Bolt - (Attach strut fitting)	3
	AN960-516	Washer - (Attach strut fitting)	3
	AN364-524	Nut - (Attach strut fitting)	3
-21	0523507	Rib Assembly - Left fuel cell (Sta. 23.625)	1
	AN366F832	Nutplate	7
	NAS444-4	Nutplate	6
-22	0523522	Strap Assy - Fuel tank inboard	2
	0523522-5	Pad - Neoprene	1
-23	0523522-1	Strap Assy - Fuel tank outboard	2
	0523522-7	Pad - Neoprene	1
-24	0523519	Hat Section - Fuel tank lower	4
-25	0523540	Pad - Neoprene	3
-26	0523003-48	Doubler	1
-27	0523508-4	Rib Assembly - Left fuel cell (Sta. 57.125)	1
-28	AN366F832	Nutplate	11
-29	0523517-2	Spacer - Rib forward (Sta. 57.125)	1
-30	0523517-1	Spacer - Rib aft (Sta. 57.125)	1
-31	AN366F832	Nutplate	6
-32	0523509	Rib - Wing center section (Sta. 71.375 to 85.625)	2
-33	0523517-4	Spacer - Rib forward (Sta. 71.375)	1
-34	0523517-3	Spacer - Rib aft (Sta. 71.375)	1
-35	0523510	Rib - Wing center section (Sta. 100)	1
-36	0523511-3	Rib - Wing center section (Sta. 118)	1
-37	0523512-3	Rib - Wing center section (Sta. 136)	1
-38	0523513-3	Rib - Wing center section (Sta. 154)	1
-39	0523514-3	Rib - Wing center section (Sta. 172)	1
-40	0523515-3	Rib - Wing center section (Sta. 190)	1
-41	0523516-5	Rib - Wing center section (Sta. 208)	1
	NAS444-4	Nutplate - (Tinnerman A6191-8Z-3)	10
-42	0523400-14	Spar Assembly - Left wing rear	1
-43	0523400-50	Segment Assembly - (Rear spar inboard)(Sta. 23.625 to 100)	1
-44	0422229-3	Fitting - Wing spar reinforcement	2
-45	0523524	Spacer - Fuel tank	1

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

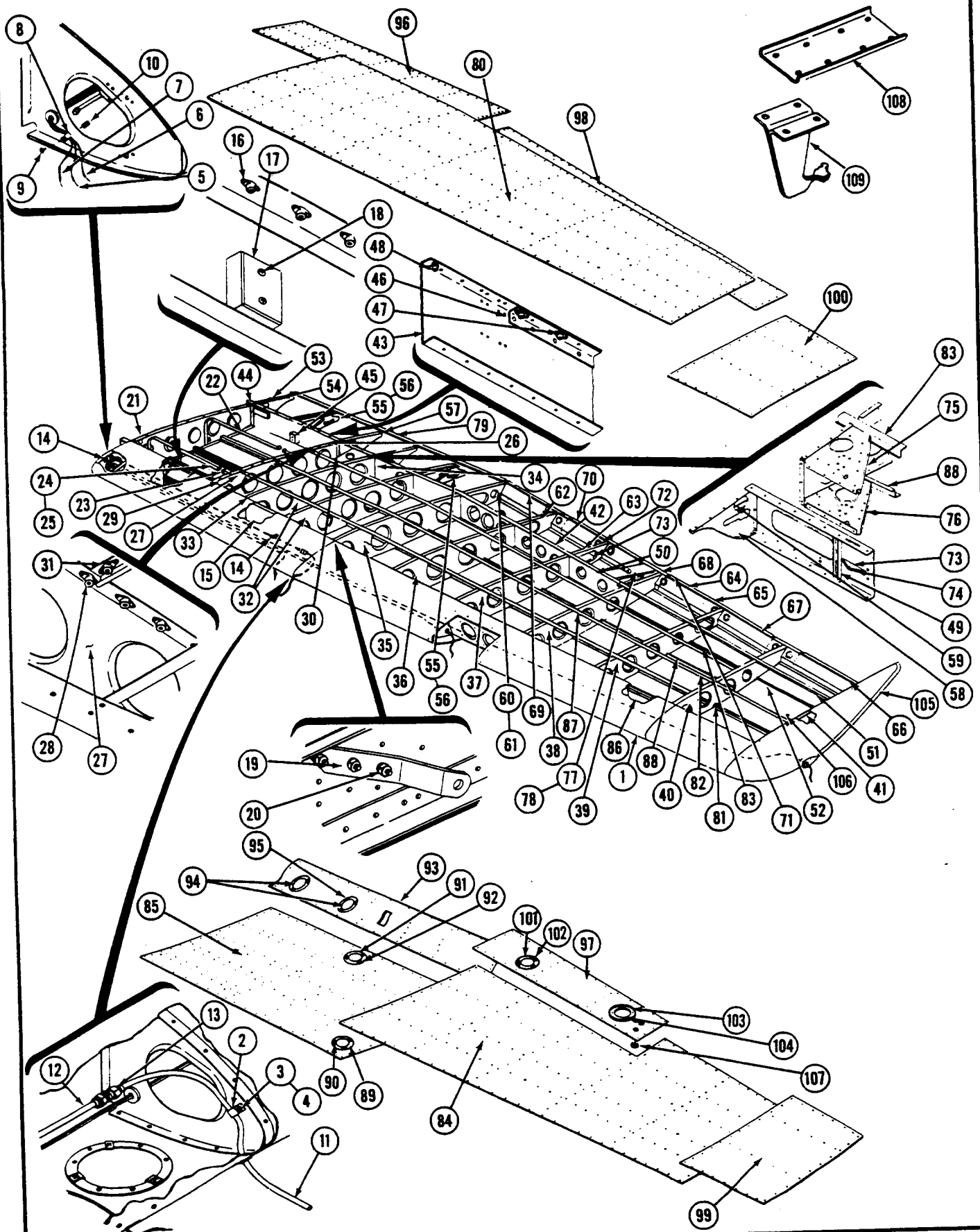


FIGURE 3. LEFT WING STRUCTURAL ASSEMBLY

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
3-	PK86XA-10-10	Screw - Truss head (attach fitting)	2
-46	0523400-20	Angle - Reinforcement	1
-47	AN366F832	Nutplate	12
-48	NAS450-8S	Nutplate	1
-49	0523409	Channel - Reinforcement	1
-50	0523406	Segment Assembly - Rear spar outboard (Sta. 100 to 154)	1
-51	0523003-40	Stringer - Upper	1
-52	0523003-40	Stringer - Lower	1
-53	NAS395-14-3	Nut - (Tinnerman A1274-8Z-3)	4
-54	0523232	Rib - Wing root trailing edge (Sta. 23.625)	1
-55	0523231	Rib Assembly - Flap track (Sta. 39 & Sta. 85.875)	2
-56	0523231-5	Bracket	2
-57	0523233-2	Rib - Wing trailing edge (Sta. 57.125)	1
-58	0523233	Rib Assembly - Wing trailing edge (Sta. 71.375)	1
-59	0523233-3	Rub Strip - Formica	1
-60	0523230	Rib Assembly - Wing trailing edge (Sta. 100.5)	1
-61	0523230-4	Angle	1
-62	0523511-4	Rib - Wing trailing edge (Sta. 118)	1
-63	0523512-4	Rib - Wing trailing (Sta. 136)	1
-64	0523005-50	Spar Assembly - Outboard auxiliary left	1
-65	0523206-2	Spar - Outboard auxiliary left	1
-66	0523813-3	Spacer - Trailing edge	1
-67	0523813-2	Spacer - Trailing edge	1
-68	0523813-4	Spacer - Trailing edge	1
-69	0523813-5	Spacer - Trailing edge	1
-70	0523216	Reinforcement	2
-71	0523215	Reinforcement	1
-72	0523408	Bracket - Aileron pulley	1
-73	0523407	Bracket - Flap pulley	1
-74	0523407-1	Bracket - Flap pulley	1
-75	0523539-2	Bracket - Flap bellcrank support upper	1
-76	0523539-4	Bracket - Flap bellcrank support lower	1
-77	0523219-2	Channel - Aileron bellcrank upper	1
-78	0523219-4	Channel - Aileron bellcrank lower	1
-79	0523234-2	Stiffener - Trailing edge inboard	1
-80	0523007-40	Skin - Upper (Sta. 57.125 to 190)	1
-81	0523541-1	Stringer - Upper	1
-82	0523541-3	Stringer - Upper	1
-83	0523541-5	Stringer - Upper	1
-84	0523003-74	Skin - Lower (Sta. 100 to 190)	1
-85	0523007-44	Skin - Lower (Sta. 23.625 to 100)	1
-86	0523541-7	Stringer - Lower	1
-87	0523541-9	Stringer - Lower	1
-88	0523541-11	Stringer - Lower	1
-89	0511000-20	Doubler - Inspection opening	1
-90	NAS395-14-3	Nut - (Tinnerman A1274-8Z-3)	3
-91	0322127	Doubler - Inspection opening	2
-92	NAS395-12-3	Nut - (Tinnerman A1786-8Z-3)	8
-93	0523007-10	Skin - Lower (Sta. 22.875 to 100)	1
-94	0511000-20	Doubler	2
-95	NAS395-14-3	Nut - (Tinnerman #A1274-8Z-3)	6
-96	0523007-42	Skin - Upper (Sta. 22.875 to 100)	1
-97	0523003-79	Skin - Lower (Sta. 100 to 154)	1
-98	0523003-80	Skin - Upper (Sta. 100 to 190)	1
-99	0523003-83	Skin - Lower (Sta. 189 to 208)	1
-100	0523003-81	Skin - Upper (Sta. 190 to 208)	1
-101	0511000-20	Doubler - Inspection opening	1
-102	NAS395-14-3	Nut - (Tinnerman A1274-8Z-3)	3
-103	0322127	Doubler - Inspection opening	1
-104	NAS395-14-3	Nut - (Tinnerman #A1786-8Z-3)	3
-105	0523700	Tip Assembly - Wing	1
	NAS445-5	Nutplate - (Attach navigation lights)	3
-106	PK76XZ-8-8	Screw - (Attach tip)	10
-107	NAS451-56	Plug Button (United Carr 48155)	1
-108	0523004-2	Channel - Door stop support	1
-109	0523004-10	Bracket Assembly - Left door stop (serial 20268 thru 26995)	1
	0523004-11	Bracket Assembly - Left door stop (serial 26996 & on)	1

ILLUSTRATED PARTS CATALOG

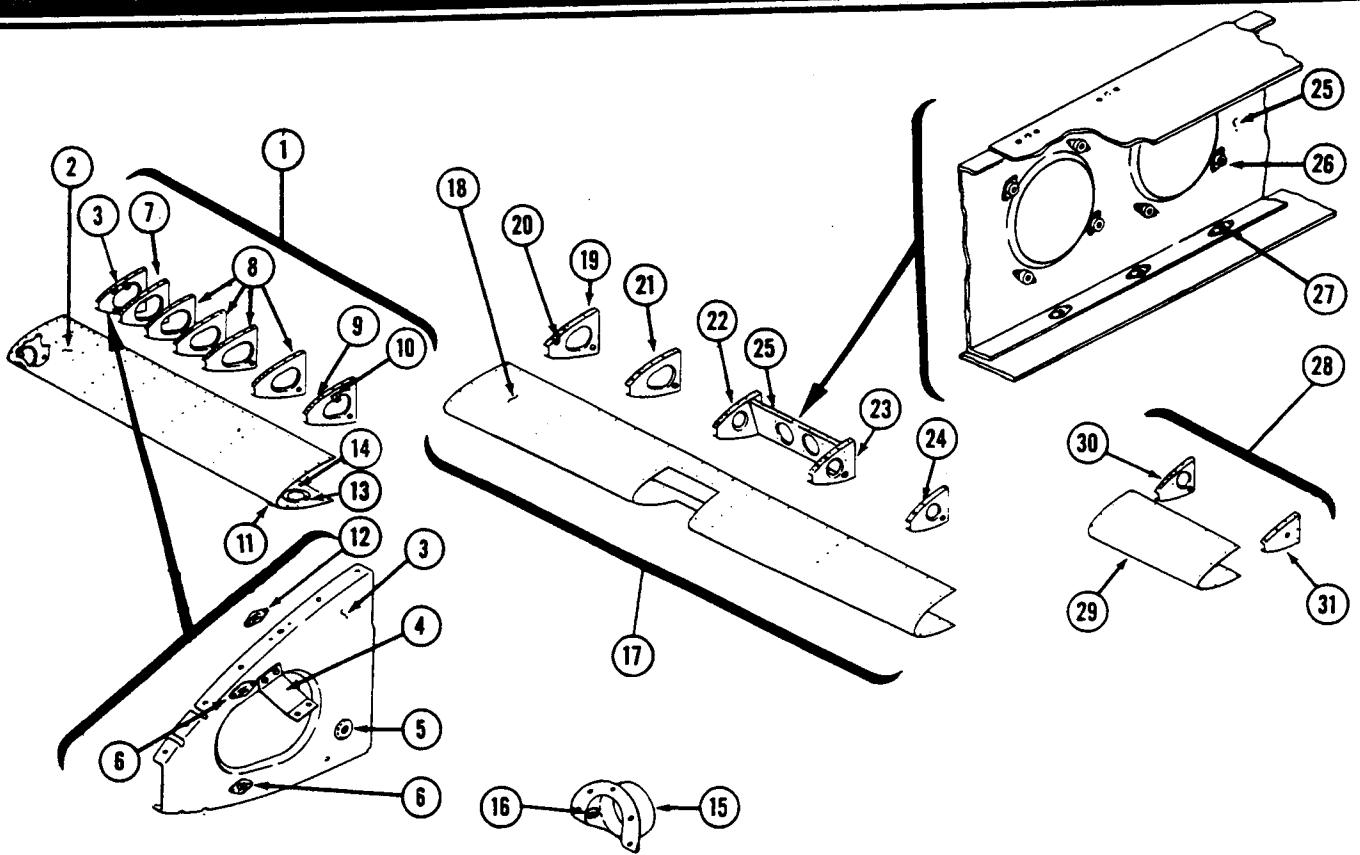


FIGURE 4. LEFT WING LEADING EDGE ASSEMBLY

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
4-	No Number	Leading Edge Assembly - Left wing complete (See figure 3 for NHA) (0523005 Ref)	Ref
-1	0523005-54	Leading Edge Assembly - Left inboard (Sta. 23.625 to 100)	1
-2	0523007-2	Skin - (Sta. 23.625 to 100)	1
-3	0523107-2	Rib Assembly - Nose (Sta. 23.625)	1
-4	0422291	Bracket	1
-5	A230-A2	Grommet	2
-6	NAS444-5	Nutplate - (Tinnerman A6195-8Z-3)	1
-7	0523107	Rib Assembly - Nose (Sta. 32.000)	1
	AN230-A2	Grommet	4
-8	0523108	Rib Assembly - Nose (Sta. 40.375 to 71.375)	1
	AN230-A2	Grommet	1
-9	0523111-1	Rib Assembly - Nose (Sta. 85.625)	1
-10	0422292	Bracket	1
	AN230-A2	Grommet	1
-11	AN931-4-7	Grommet	2
-12	NAS444-5	Nutplate - (Tinnerman A6195-8Z-3)	1
-13	0511000-20	Doubler - Inspection opening	3
-14	NAS395-14-3	Nut - (Tinnerman A1274-8Z-3)	1
-15	0413157	Scoop - Cabin air ventilator	1
-16	NAS446-4	Nut Plate - (Tinnerman A1778-8Z-3)	1
-17	0523005-56	Leading Edge Assembly - Left center (Sta. 100 to 190)	1
-18	0523003-10	Skin - (Sta. 100 to 190)	1
-19	0523110-1	Rib Assembly - Nose (Sta. 100)	1
-20	NAS444-1	Nutplate - (Tinnerman A6191-6Z-3)	1
	AN230-A2	Grommet	1
-21	0523542-1	Rib Assembly - Nose (Sta. 118)	1
	AN230-A2	Grommet	1
-22	0523512-5	Rib Assembly - Nose (Sta. 136)	1
	AN230-A2	Grommet	1
-23	0523513-4	Rib Assembly - Nose (Sta. 154)	1
	AN230-A2	Grommet	1
-24	0523514-4	Rib Assembly - Nose (Sta. 172)	1

ORDER BY PART NUMBER AND NAME SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
4-	AN230-A2	Grommet	1
-25	0523106	Bracket Assembly - Landing light	1
-26	AN366F832	Nutplate	8
-27	NAS444-5	Nutplate - (Tinnerman A6195-8Z-3)	18
-28	0523005-52	Leading Edge Assembly - Left outboard	1
-29	0523003-56	Skin - (Sta. 190 to 208)	1
-30	0523515-4	Rib Assembly - Nose (Sta. 190)	1
	AN230-2	Grommet	1
-31	0523516-4	Rib Assembly - Nose (Sta. 208)	1
	AN230-AD2	Grommet	1

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
5-	No Number	Aileron Installation - Left wing (see figure 2 for NHA) (0523800 Ref)	Ref
-1	0523223	Bellcrank Assembly - Aileron	1
-2	0422280	Bushing	2
-3	B610	Bearing - Torrington	2
-4	0522629	Washer	1
-5	AN4-42A	Bolt - (Attach bellcrank)	2
-6	AN365-428	Nut - (Attach bellcrank)	2
-7	0523221	Bushing - (Attach bellcrank)	1
-8	0523222	Bushing - (Bellcrank stop)	1
	0523218	Rod Assembly - Aileron push-pull	1
-9	0523218-2	Rod - Aileron push-pull	1
-10	F34-14	End - Rod	2
-11	AN316-4R	Nut - Check	2
-12	AN3-7A	Bolt - (Attach aileron push-pull rod)	2
-13	AN365-1032	Nut - (Attach aileron push-pull rod)	2
-14	NAS229-8	Screw - (Attach aileron hinge to wing)	12
-15	AN365-1032	Nut - (Attach aileron hinge to wing)	12
-16	0523800	Aileron Assembly - Left wing	1
-17	0523806	Spar - Left aileron	1
-18	0523808	Rib #1 - Aileron	2
-19	0523809	Rib #2 - Aileron	1
-20	0523810	Rib #3 - Aileron	1
-21	0523811	Rib #4 - Aileron	1
-22	0523812-2	Bracket - Control	1
-23	NAS-455-163C-4-8	Rivet - (Attach bracket)	6
-24	0523814	Bracket - (Attach aileron weight)	1
-25	0523814-2	Bracket - (Attach aileron weight)	1
-26	0721109	Weight - Aileron balance	3
-27	0523800-6	Skin - Upper left inboard (Not available for spares)	1
-28	0523800-8	Skin - Upper left outboard	1
-29	0523800-10	Skin - Lower left inboard (Not available for spares)	1
-30	0523800-12	Skin - Lower left outboard	1
-31	0523813-1	Spacer	1
-32	0523813-8	Spacer	1
-33	0523813-6	Spacer	1
-34	0523813-7	Spacer	1
-35	0523807	Hinge Assembly - Aileron	3

ORDER BY PART NUMBER AND NAME

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ILLUSTRATED PARTS CATALOG

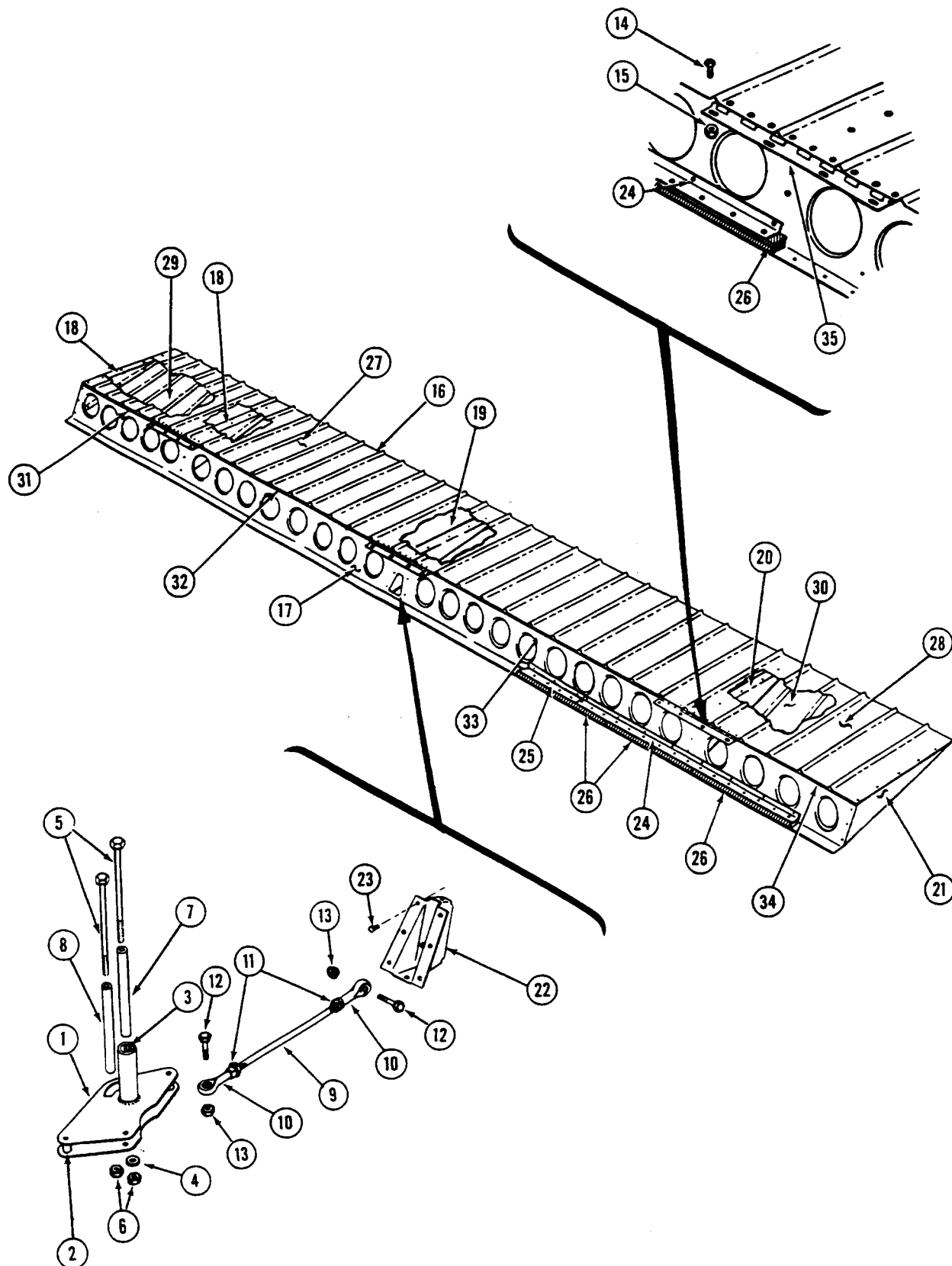


FIGURE 5. LEFT AILERON INSTALLATION

ILLUSTRATED PARTS CATALOG

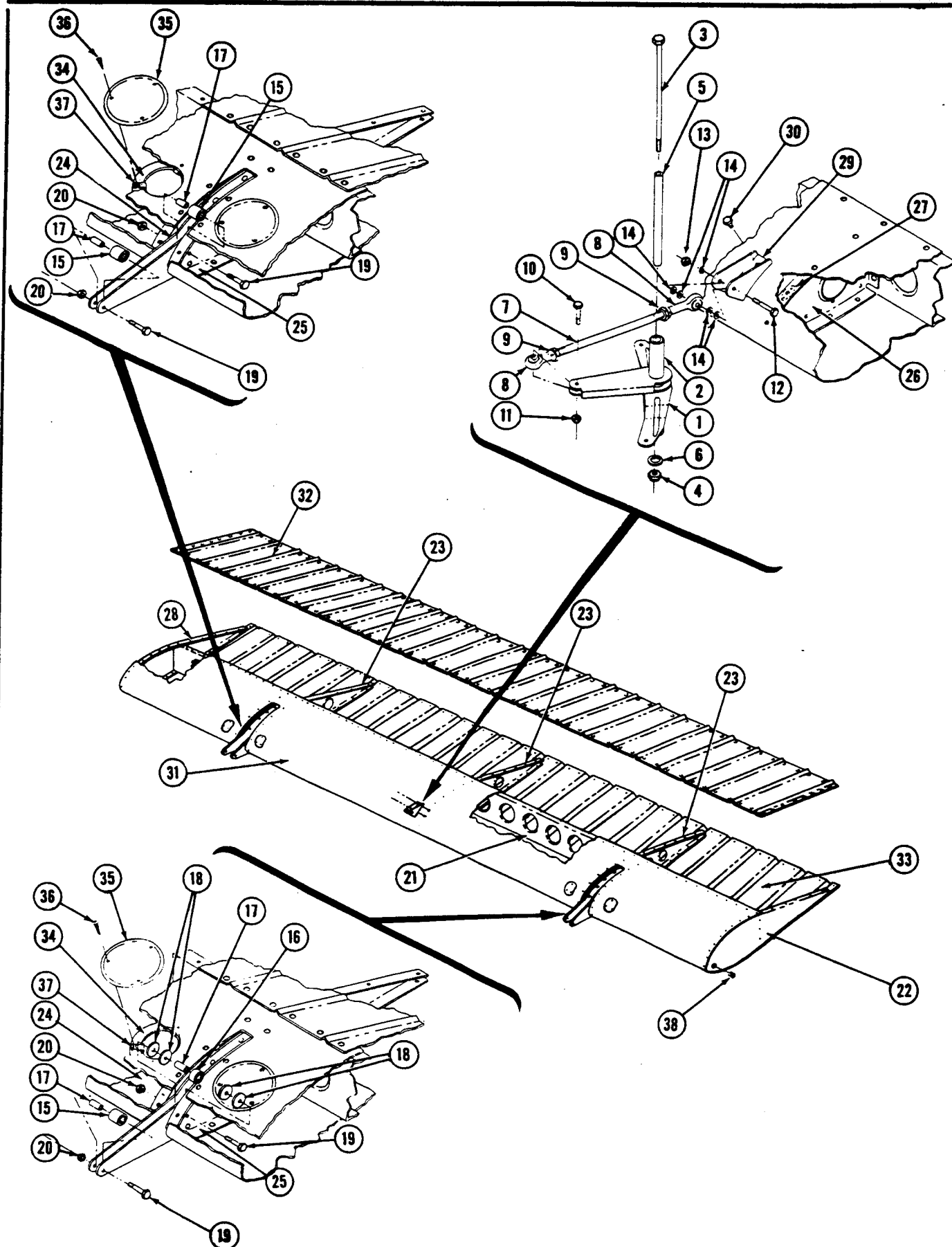


FIGURE 6. LEFT FLAP INSTALLATION

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
6-	No Number	Flap Installation - Left wing (see figure 2 for NHA)	Ref
-1	0523535	Bellcrank Assembly - Left flap	1
-2	B610	Bearing - Torrington	2
-3	AN4-60A	Bolt - (Attach flap bellcrank)	1
-4	AN365-428	Nut - (Attach flap bellcrank)	1
-5	0523536	Bushing - Flap bellcrank	1
-6	0522629	Washer - Flap bellcrank	1
	0523537	Rod Assembly - Flap push-pull	1
-7	0523537-2	Rod - Flap push-pull	2
-8	F34-14	End - Rod	2
-9	AN316-4R	Nut - Check	1
-10	AN3-7A	Bolt - (Attach push-pull rod to bellcrank)	1
-11	AN365-1032	Nut - (Attach push-pull rod to bellcrank)	1
-12	AN3-12A	Bolt - (Attach push-pull rod to flap)	1
-13	AN365-1032	Nut - (Attach push-pull rod to flap)	5
-14	AN960-10	Washer	3
-15	0523921	Roller Assembly - Flap attachment	1
-16	0523920	Roller Assembly - Flap attachment	4
-17	0523919	Bushing - Flap attachment roller	4
-18	0523922	Spacer - Flap (outboard roller only)	4
-19	AN3-10A	Bolt - (Attach flap to wing)	4
-20	AN365-1032	Nut - (Attach flap to wing)	1
	0523901	Flap Assembly - Left wing	1
-21	0523911	Spar - Flap	1
-22	0523912-1	Rib - Flap left end	3
-23	0523923	Rib - Flap trailing edge	2
-24	0523901-9	Rib Assembly - Flap support arm - Right	2
-25	0523901-8	Rib Assembly - Flap support arm - Left	1
-26	0523914-2	Rib Assembly - Flap leading edge center	2
-27	AN366F1032	Nutplate	1
-28	0523912	Rib - Flap right end	1
-29	0523918	Bracket - Flap control	2
-30	AN3-4A	Bolt - (Attach bracket)	1
-31	0523901-2	Skin - Left flap leading edge	1
-32	0523901-4	Skin - Left flap upper	1
-33	0523901-6	Skin - Left flap lower	4
-34	0523916	Doubler - Access hole	4
-35	0523917	Plate - Cover	12
-36	PK76XZ-8-8	Screw - (Attach cover)	12
-37	NAS395-13-3	Nut - (Tinnerman A6077-8Z-3) (attach cover)	2
-38	48172	Plug Button - (United Carr)	

ILLUSTRATED PARTS CATALOG

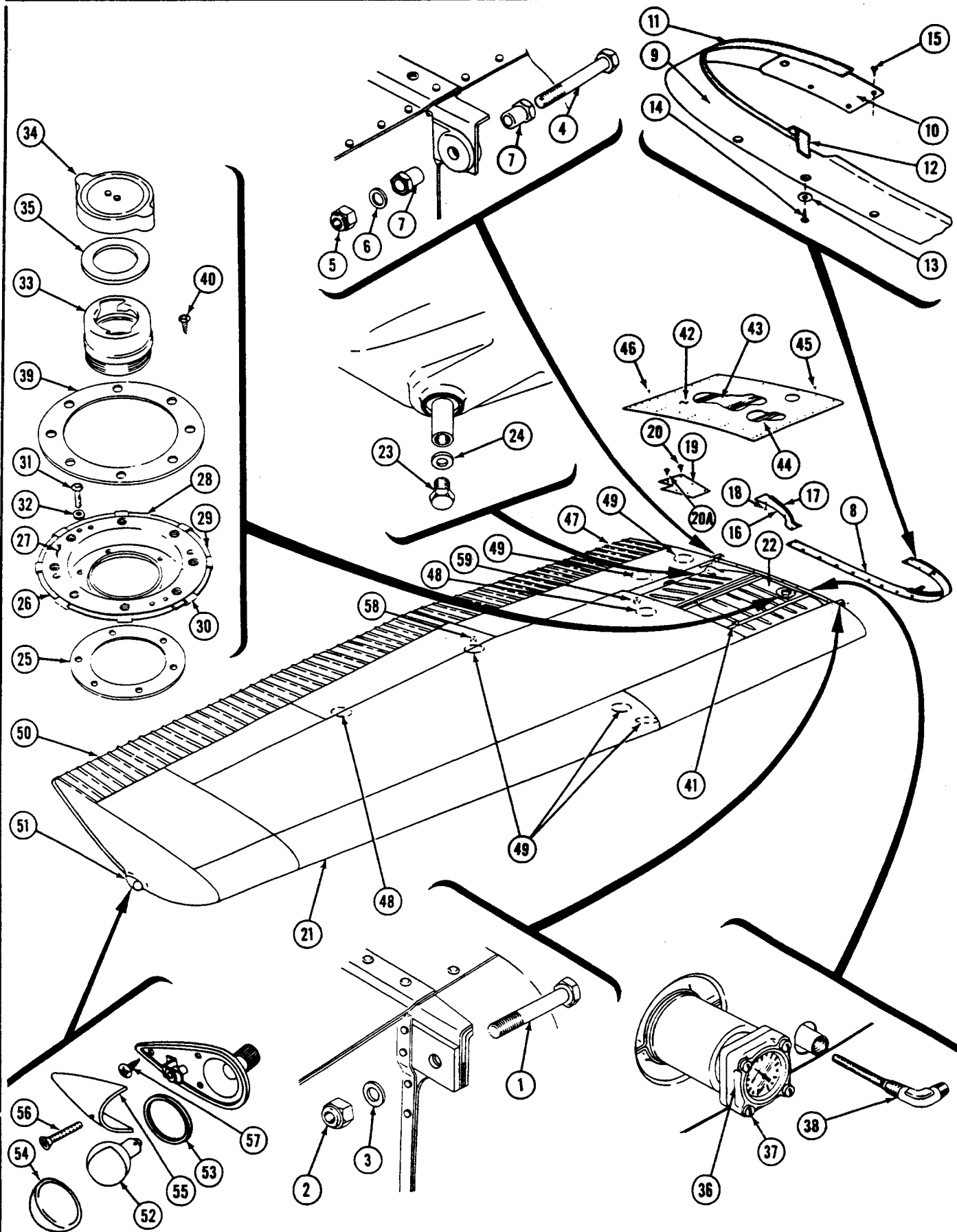


FIGURE 7. RIGHT WING INSTALLATION

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASSY
7-	No Number	Wing Installation - Right (see figure 1 for NHA) (0523006 Ref)	Ref
-1	AN8-23A	Bolt - (Attach wing front spar to fuselage)	1
-2	AN364-820	Nut - (Attach wing front spar to fuselage)	1
-3	AN960-816	Washer - (Attach wing front spar to fuselage)	1
-4	AN7-24A	Bolt - (Attach wing rear spar to fuselage)	1
-5	AN364-720	Nut - (Attach wing rear spar to fuselage)	1
-6	AN960-716	Washer - (Attach wing rear spar to fuselage)	1
-7	0512123	Bushing - (Attach wing rear spar to fuselage)	2
-8	0520005-13	Fairing Assembly - Right wing	2
-9	0520005-11	Fairing - Right wing	1
-10	0520005-6	Extension	1
-11	0520005-3	Rub Strip	1
-12	0520005-7	Rub Strip	7
-13	0411852	Washer - (Attach fairing)	7
-14	PK79XZ-8-8	Screw - (Attach fairing)	18
-15	PK76XZ-8-8	Screw - (Attach fairing)	1
-16	0520008-1	Fairing Assembly - Right wing rear lower	1
-17	X200	Moulding	4
-18	PK76XZ-8-8	Screw - (Attach fairing)	1
-19	0520007-1	Plate - Wing aft fairing	3
-20	AN520-10R5	Screw - (Attach fairing)	3
-20A	PK76XZ-8-8	Screw - (Attach fairing)	1
-21	No Number	Wing Assembly - Complete right	1
	0523005-1	Structure Assembly - Right wing (see figure 8 for breakdown)	1
-22	0523520-11	Tank Assembly - Right wing fuel	1
-23	AN814-4BL	Plug - Drain	1
-24	AN902-4	Gasket - Fuel tank drain	2
-25	0523532	Gasket - Fuel tank adapter	1
-26	0523520-8	Adapter Assembly	1
-27	0523529	Adapter - Fuel tank	1
-28	0523530	Retainer Assembly - Fuel tank	2
-29	0523530-2	Strip - Retainer	8
-30	NAS395-17-3	Nut - (Timmerman #A1348-8Z-3)	6
-31	AN520-10R10	Screw - (Attach adapter)	6
-32	0311001-27	Washer - (Attach adapter)	1
-33	0311240-17	Filler Neck - Fuel tank	1
-34	0311360-4	Cap Assembly - Fuel tank	1
-35	0311360-5	Gasket - Cap	1
-36	0422006-2	Gage - Fuel	1
	3175-15	Gasket - (Attach fuel gage) (Scott)	4
-37	AN502-416-10	Screw - (Attach fuel gage)	4
	1114-5	Washer - Shakeproof (attach fuel gage)	1
-38	0422130	Strainer Assembly - Fuel	1
-39	0523531	Gasket - (Adapter assembly)	8
-40	PK76XZ-8-10	Screw - (Attach fuel tank adapter)	2
-41	AN520-10R26	Screw - (Attach fuel tank straps)	2
	AN365-1032	Nut - (Attach fuel tank straps)	1
-42	0523521-11	Cover Assembly - Right tank top	1
-43	0523521-5	Pad - Center hat section	1
-44	0523521-6	Pad - Forward hat section	1
-45	NAS228-12	Screw - (Attach fuel tank cover)	14
-46	NAS228-8	Screw - (Attach fuel tank cover)	37
-47	No Number	Flap Installation - Right wing (see figure 11 for breakdown)	1
-48	0322128	Plate - Inspection	1
	PK76XZ-8-6	Screw - (Attach inspection plate)	8
-49	0311516	Plate - Inspection	5
	PK76XZ-8-8	Screw - (Attach inspection plate)	15
-50	No Number	Aileron Installation - Right wing (see figure 10 for breakdown)	1
-51	0423006-3	Light Assembly - Right wing position	1
-52	0423006-6	Bulb - Wing position light (12 volts)	1
-53	0423006-7	Gasket - Light - Wing position	1
-54	0423006-4	Lens - Right wing position light (green)	1
-55	0423006-5	Fairing - Wing position light	1
-56	PK148-832-10	Screw - (Attach fairing to lamp base)	1
-57	PK76XZ-8-6	Screw - (Attach light assembly to wing tip)	3
-58	NAS383-3	Pulley - Aileron control	1
	AN4-10A	Bolt - (Attach pulley)	1
	AN365-428	Nut - (Attach pulley)	1
	NAS382-2	Bushing - (Attach pulley)	1
	AN960-10L	Washer - (Attach pulley)	1

See figure 66
for exploded view

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
7-59	NAS383-2	Pulley - Flap control	1
	AN3-7A	Bolt - (Attach pulley)	1
	AN365-1032	Nut - (Attach pulley)	1
	NAS382-1	Bushing - (Attaching pulley)	1
	AN960-10	Washer - (Attach pulley)	AR

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
8-	0523005-1	Structure Assembly - Right wing (see figure 7 for NHA)	Ref
-1	No Number	Leading Edge Assembly - Right wing (see figure 9 for breakdown)	1
-2	0500005-37	Wire - Right navigation light	1
-3	A2980A-3	Clamp - Tinnerman (attach wire)	1
-4	PK76XZ-8-8	Screw - (Attach clamp)	1
-5	NAS446-4	Nut - (Tinnerman #A1778-8Z) (attach clamp)	1
-6	0523301-2	Spar Assembly - Right wing front	1
-7	AN366F832	Nutplate	14
-8	0523524	Spacer	1
-9	PK86XA-10-10	Screw - Truss head (attach spar)	2
-10	0523306	Fitting - Strut attachment	1
-11	AN5-7A	Bolt - (Attach strut fitting)	3
	AN960-516	Washer - (Attach strut fitting)	3
	AN364-524	Nut - (Attach strut fitting)	3
-12	0523507-1	Rib Assembly - Right fuel cell (Sta. 23.625)	1
	AN366F832	Nutplate	7
	NAS444-4	Nutplate - (Tinnerman A6191-8Z-3)	6
-13	0523522	Strap Assembly - Fuel tank inboard	2
	0523522-5	Pad - Neoprene	1
-14	0523522-1	Strap Assembly - Fuel tank outboard	2
	0523522-5	Pad - Neoprene	1
-15	0523519	Hat Section - Fuel tank lower	4
-16	0523540	Pad - Neoprene	3
-17	0523003-48	Doubler	1
-18	0523508-5	Rib Assembly - Right fuel cell (Sta. 57.125)	1
-19	AN366F832	Nutplate	11
-20	0523517-2	Spacer - Rib forward (Sta. 57.125)	1
-21	0523517-1	Spacer - Rib aft (Sta. 57.125)	1
-22	AN366F832	Nutplate	6
-23	0523509	Rib - Wing center section (Sta. 71.375 & 85.625)	2
-24	0523517-4	Spacer - Rib forward (Sta. 71.375)	1
-25	0523517-3	Spacer - Rib aft	1
-26	0523510-1	Rib - Wing center section (Sta. 100)	1
-27	0523511-3	Rib - Wing center section (Sta. 118)	1
-28	0523512-3	Rib - Wing center section (Sta. 136)	1
-29	0523513-6	Rib - Wing center section (Sta. 154)	1
-30	0523514-3	Rib - Wing center section (Sta. 172)	1
-31	0523515-3	Rib - Wing center section (Sta. 190)	1
-32	0523516-5	Rib - Wing center section (Sta. 208)	1
	NAS444-4	Nutplate - (Tinnerman A6191-8Z-3)	10
-33	0523400-15	Spar Assembly - Right wing rear	1
-34	0523400-51	Segment Assembly - Rear spar inboard (Sta. 23.625 to 100)	1
-35	0422229-3	Fitting - Wing spar reinforcement	2
-36	0523524	Spacer - Fuel tank	1
	PK86XA-10-10	Screw - Truss head (attach spacer)	2
-37	0523400-21	Angle - Reinforcement	1
-38	AN366F832	Nutplate	12
-39	NAS450-8S	Nutplate	1
-40	0523409	Channel - Reinforcement	1
-41	0523406-1	Segment Assembly - Rear spar outboard (Sta. 100 to 154)	1
-42	0523003-40	Stringer	2
-43	NAS395-14-3	Nut - (Tinnerman A1274-8Z-3)	4
-44	0523232	Rib - Wing root trailing edge (Sta. 23.625)	1
-45	0523231	Rib Assembly - Flap track (Sta. 39 & 85.875)	2
-46	0523231-5	Bracket	1
-47	0523233-2	Rib - Wing trailing edge (Sta. 57.125)	1
-48	0523233	Rib Assembly - Wing trailing edge (Sta. 71.375)	1
-49	0523233-3	Rub Strip- Formica	1
-50	0523230-1	Rib Assembly - Wing trailing edge (Sta. 100.5)	1
-51	0523230-5	Angle	1
-52	0523511-4	Rib - Wing trailing edge (Sta. 118)	1

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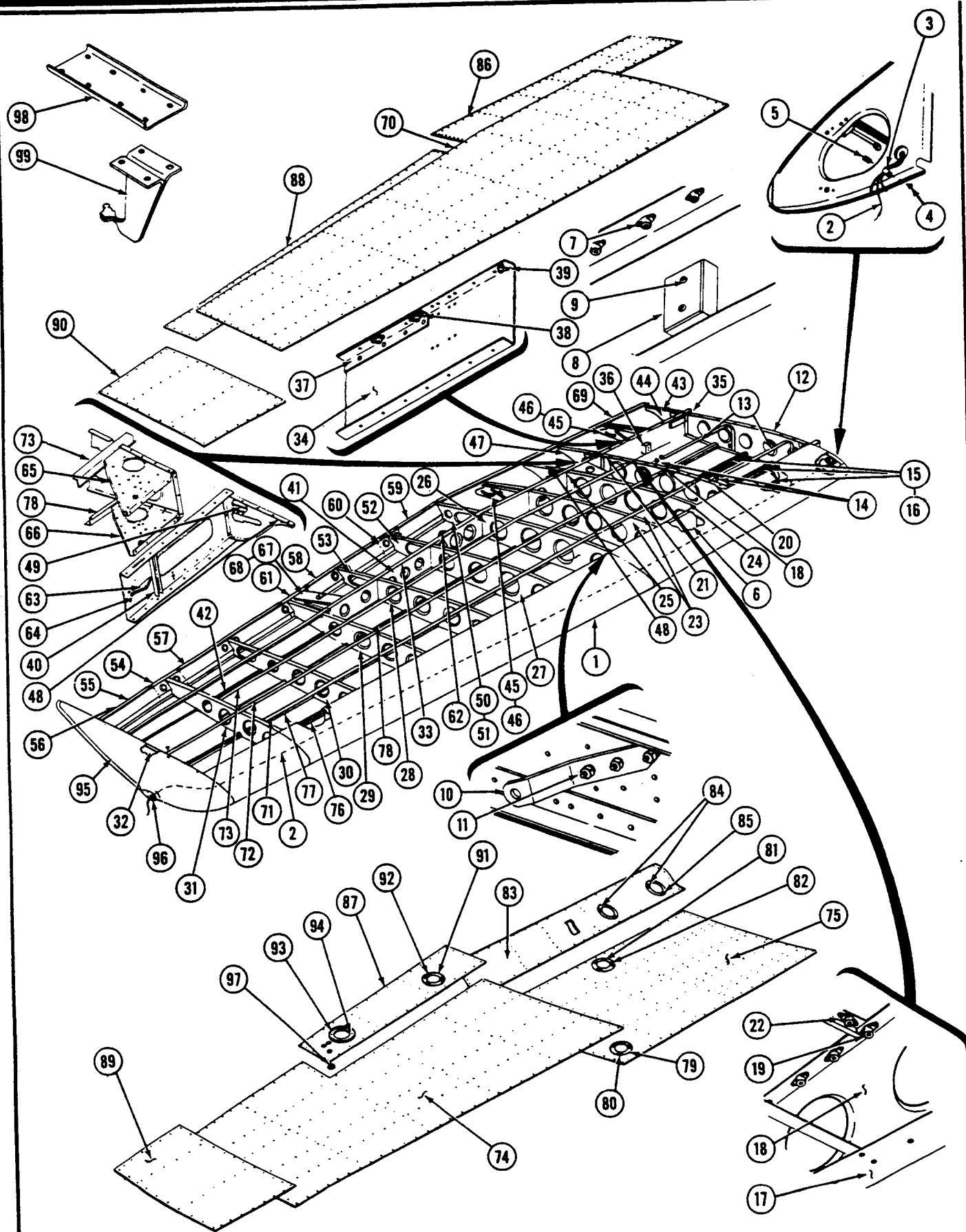


FIGURE 8-3 RIGHT WING STRUCTURAL ASSEMBLY

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
8-53	0523512-4	Rib - Wing trailing edge (Sta. 136)	1
-54	0523005-51	Spar Assembly - Outboard auxiliary right	1
-55	0523206-3	Spar - Outboard auxiliary right	1
-56	0523813-3	Filler - Trailing edge	1
-57	0523813-2	Filler - Trailing edge	1
-58	0523813-4	Filler - Trailing edge	1
-59	0523813-5	Filler - Trailing edge	1
-60	0523216	Reinforcement	2
-61	0523215-1	Reinforcement	1
-62	0523408	Bracket - Aileron pulley	1
-63	0523407-1	Bracket - Flap pulley	1
-64	0523407	Bracket - Flap pulley	1
-65	0523539-3	Bracket - Flap bellcrank support upper	1
-66	0523539-5	Bracket - Flap bellcrank support lower	1
-67	0523219-3	Channel - Aileron bellcrank upper	1
-68	0523219-5	Channel - Aileron bellcrank lower	1
-69	0523234-2	Stiffener - Trailing edge	1
-70	0523007-40	Skin - Upper (Sta. 57.125 to 190.00)	1
-71	0523541-2	Stringer - Upper	1
-72	0523541-4	Stringer - Upper	1
-73	0523541-6	Stringer - Upper	1
-74	0523003-74	Skin - Lower center section (Sta. 100.00 to 190.00)	1
-75	0523007-44	Skin - Lower (Sta. 23.625 to 100.00)	1
-76	0523541-8	Stringer - Lower	1
-77	0523541-10	Stringer - Lower	1
-78	0523541-12	Stringer - Lower	1
-79	0511000-20	Doubler	1
-80	NAS395-14-3	Nut - (Tinnerman A1274-8Z-3)	3
-81	0322127	Doubler - Inspection opening	2
-82	NAS395-12-3	Nut - (Tinnerman A1786-8Z-3)	8
-83	0523007-9	Skin - Lower trailing edge (Sta. 22.875 to 100.00)	1
-84	0511000-20	Doubler - Inspection opening	2
-85	NAS395-14-3	Nut - (Tinnerman #A1274-8Z-3)	6
-86	0523007-42	Skin - Upper trailing edge (Sta. 22.875 to 100.00)	1
-87	0523003-79	Skin - Lower trailing edge (Sta. 100.00 to 154.00)	1
-88	0523003-80	Skin - Upper trailing edge (Sta. 100.00 to 190.00)	1
-89	0523003-83	Skin - Lower trailing edge (Sta. 189.5 to 208.00)	1
-90	0523003-81	Skin - Upper trailing edge (Sta. 190.00 to 208.00)	1
-91	0511000-20	Doubler - Inspection opening	1
-92	NAS395-14-3	Nut - (Tinnerman #A1274-8Z-3)	3
-93	0322127	Doubler - Inspection opening	1
-94	NAS395-14-3	Nut - (Tinnerman #A1274-8Z-3)	3
-95	0523700	Tip Assembly - Wing	1
-96	NAS445-5	Nutplate - (Attach navigation light)	3
-97	PK76XZ-8-8	Screw - (Attach tip)	10
-98	NAS451-56	Plug Button - (United Carr #48155)	1
-98	0523004-2	Channel - Door stop support	1
-99	0523004-11	Bracket Assembly - Right door stop	1

ILLUSTRATED PARTS CATALOG

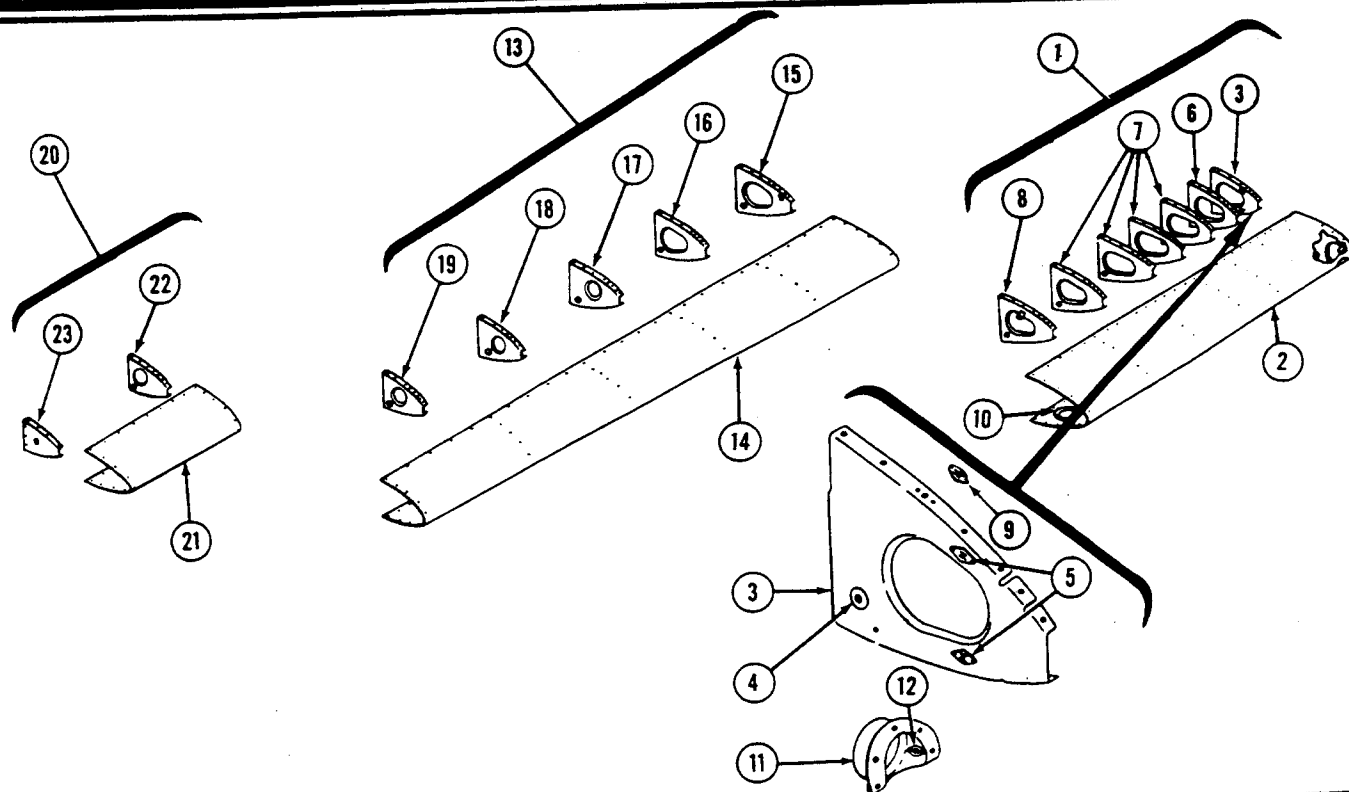


FIGURE 9. - RIGHT WING LEADING EDGE ASSEMBLY

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASSY
9-	No Number	Leading Edge Assy - Right wing (0523005 Ref) (see figure 8 for NHA)	Ref
-1	0523005-55	Leading Edge Assy - Right inboard (Sta. 23.625 to 100)	1
-2	0523007-1	Skin - (Sta. 23.625 to 100)	1
-3	0523107-3	Rib Assy - Nose (Sta. 23.625)	1
-4	AN230-A2	Grommet	2
-5	NAS444-5	Nut Plate - (Tinnerman A6195-8Z-3)	1
-6	0523107	Rib Assy - Nose (Sta. 32.500)	1
	AN230-A2	Grommet	4
-7	0523108	Rib Assy - Nose (Sta. 40.375 to 771.375)	1
	AN230-A2	Grommet	1
-8	0523111-2	Rib Assy - Nose (Sta. 85.625)	1
	AN230-A2	Grommet	2
-9	NAS444-5	Nutplate - (Tinnerman A6195-8Z-3)	1
-10	0511000-20	Doubler - Inspection opening	3
	NAS395-14-3	Nut - (Tinnerman A1274-8Z-3) (attach doubler)	1
-11	0413157	Scoop - Cabin air ventilator	1
-12	NAS446-4	Nut Plate - (Tinnerman A1778-8Z-3)	1
-13	0523005-57	Leading Edge Assy - Right center (Sta. 100 to 190)	1
-14	0523003-11	Skin - (Sta. 100 to 190)	1
-15	0523110-2	Rib Assy - Nose (Sta. 118)	1
	AN230-A2	Grommet	1
-16	0523542-1	Rib Assy - Nose (Sta. 118)	1
	AN230-A2	Grommet	1
-17	0523512-5	Rib Assy - Nose (Sta. 136)	1
	AN230-A2	Grommet	1
-18	0523513-4	Rib Assy - Nose (Sta. 154)	1
	AN230-A2	Grommet	1
-19	0523514-4	Rib Assy - Nose (Sta. 172)	1
	AN230-A2	Grommet	1
-20	0523005-53	Leading Edge Assy - Right outboard (Sta. 190 to 208)	1
-21	0523003-57	Skin - (Sta. 190 to 208)	1
-22	0523515-4	Rib Assy - Nose (Sta. 190)	1
	AN230-A2	Grommet	1
-23	0523516-4	Rib Assy - Nose (Sta. 208)	1
	AN230-A2	Grommet	1

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

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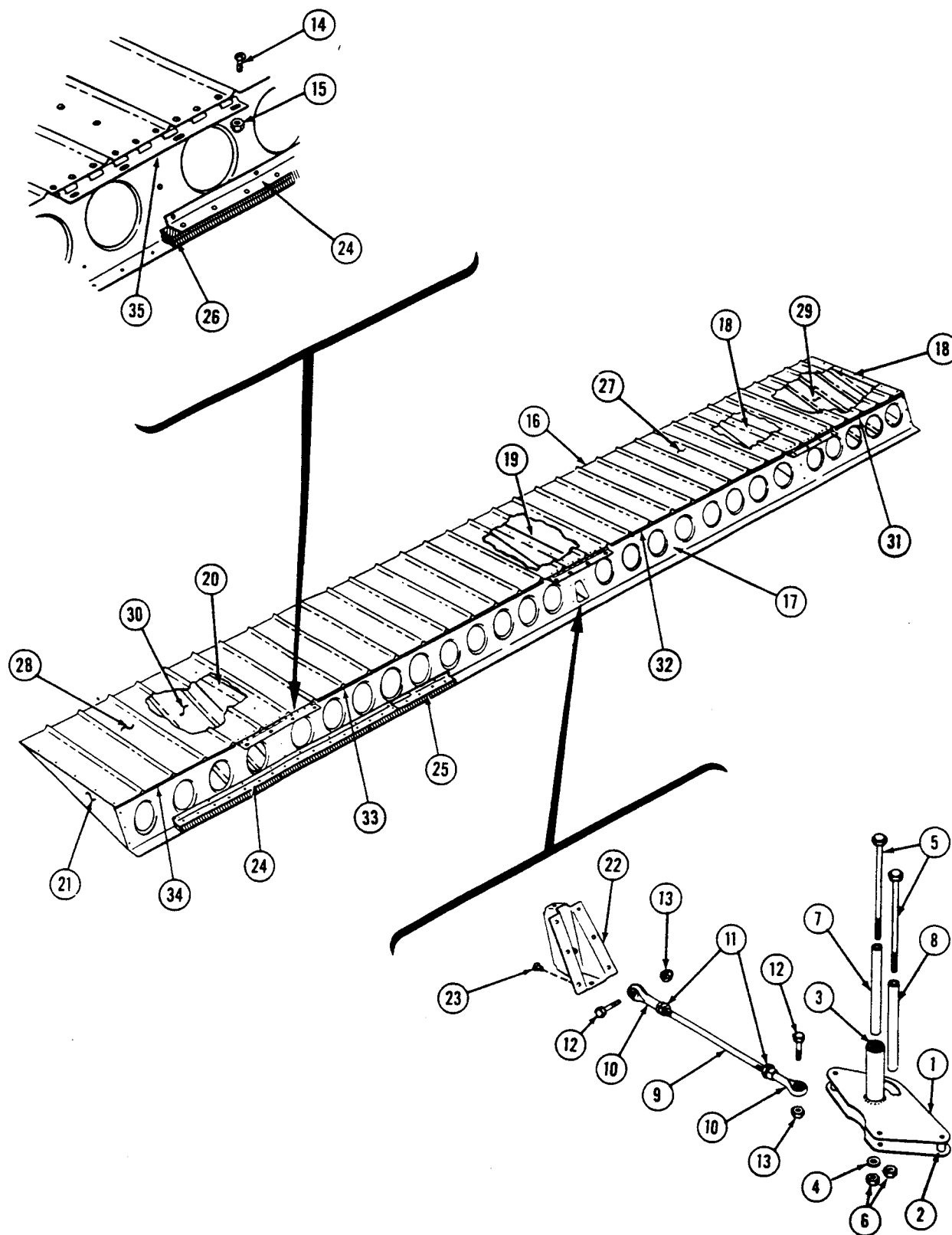


FIGURE 10. . RIGHT AILERON INSTALLATION

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
10-	No Number	Aileron Installation - Right wing (see figure 7 for NHA) (0523800 Ref).	Ref
-1	0523223-1	Bellcrank Assembly - Aileron	1
-2	0422280	Bushing	2
-3	B610	Bearing - Torrington	1
-4	0522629	Washer	2
-5	AN4-42A	Bolt - (Attach bellcrank)	2
-6	AN365-428	Nut - (Attach bellcrank)	1
-7	0523221	Bushing - (Attach bellcrank)	1
-8	0523222	Bushing - Bellcrank stop	1
	0523218	Rod Assembly - Aileron push-pull	1
-9	0523218-2	Rod - Aileron push-pull	2
-10	F34-14	End - Rod	2
-11	AN316-4R	Nut - Check	2
-12	AN3-7A	Bolt - (Attach aileron push-pull rod)	2
-13	AN365-1032	Nut - (Attach aileron push-pull rod)	12
-14	NAS229-8	Screw - (Attach aileron hinge to wing)	12
-15	AN365-1032	Nut - (Attach aileron hinge to wing)	1
-16	0523800-1	Aileron Assembly - Right wing	1
-17	0523806-1	Spar - Right aileron	2
-18	0523808-2	Rib #1 - Aileron	1
-19	0523809-1	Rib #2 - Right aileron (not available for spares)	1
-20	0523810	Rib #3 - Aileron (not available for spares)	1
-21	0523811-1	Rib #4 - Aileron	1
-22	0523812	Bracket - Control	6
-23	NAS-445-163C-4-8	Rivet - (Attach bracket)	1
-24	0523814	Bracket - (Attach aileron weight)	1
-25	0523814-2	Bracket - (Attach aileron weight)	3
-26	0721109	Weight - Aileron balance	1
-27	0523800-7	Skin - Upper right inboard (not available for spares)	1
-28	0523800-9	Skin - Upper right outboard	1
-29	0523800-11	Skin - Lower right inboard (not available for spares)	1
-30	0523800-13	Skin - Lower right outboard	1
-31	0523813-1	Spacer	1
-32	0523813-8	Spacer	1
-33	0523813-6	Spacer	1
-34	0523813-7	Spacer	3
-35	0523807	Hinge Assembly - Aileron	

ILLUSTRATED PARTS CATALOG

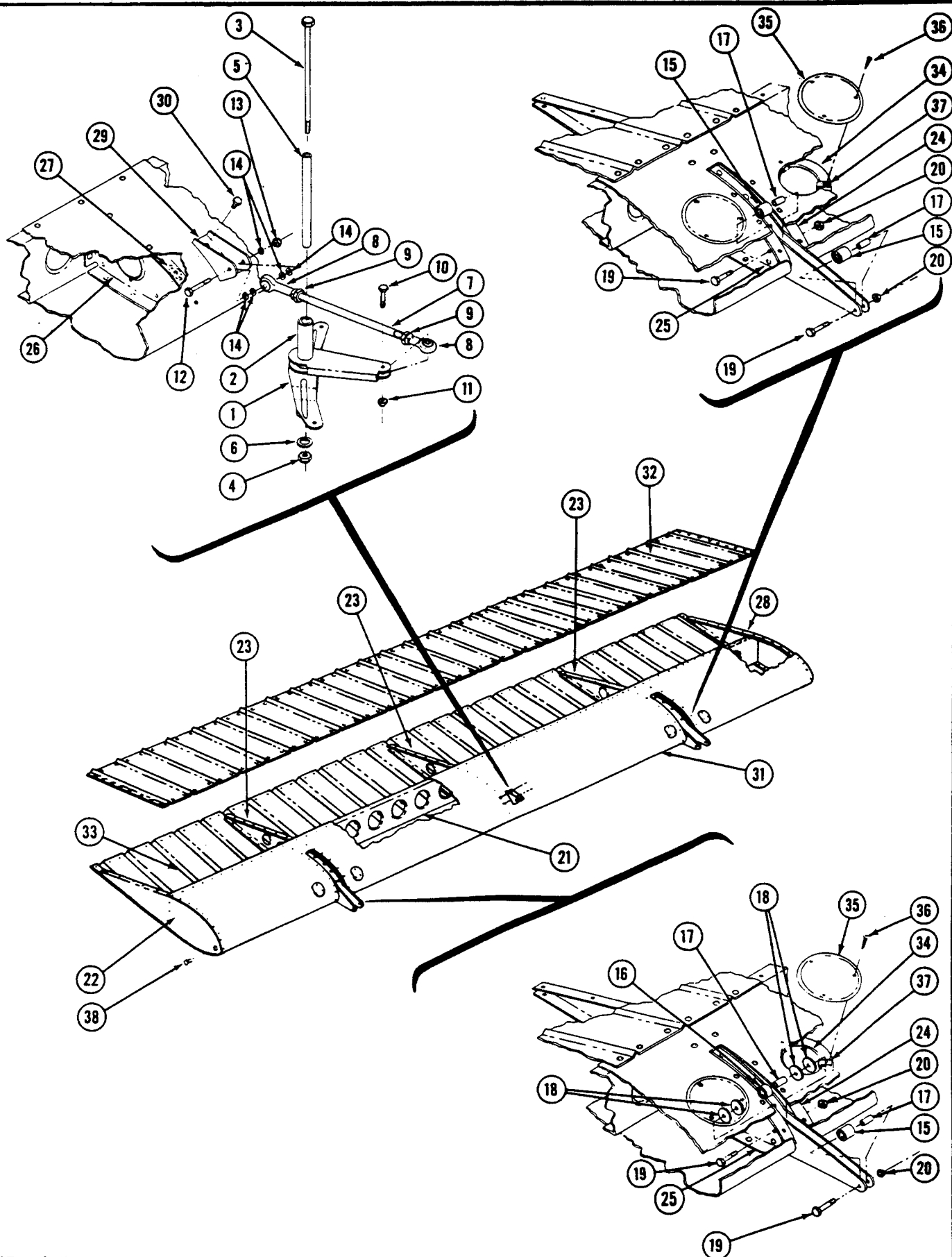


FIGURE 11. RIGHT FLAP INSTALLATION

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
11-	No Number	Flap Installation - Right wing (see figure 7 for NHA)	Ref
-1	0523535-1	Bellcrank Assembly - Right flap	1
-2	B610	Bearing - Torrington	2
-3	AN4-60A	Bolt - (Attach flap bellcrank)	1
-4	AN365-428	Nut - (Attach flap bellcrank)	1
-5	0523536	Bushing - Flap bellcrank	1
-6	0522629	Washer - Flap bellcrank	1
	0523537	Rod Assembly - Flap push-pull	1
-7	0523537-2	Rod - Flap push-pull	2
-8	F34-14	End - Rod	2
-9	AN316-4R	Nut - Check	1
-10	AN3-7A	Bolt - (Attach push-pull rod to bellcrank)	1
-11	AN365-1032	Nut - (Attach push-pull rod to bellcrank)	1
-12	AN3-12A	Bolt - (Attach push-pull rod to flap)	1
-13	AN365-1032	Nut - (Attach push-pull rod to flap)	5
-14	AN960-10	Washer	3
-15	0523921	Roller Assembly - Flap attachment	1
-16	0523920	Roller Assembly - Flap attachment	4
-17	0523919	Bushing - Flap attachment roller	4
-18	0523922	Spacer - Flap (outboard roller only)	4
-19	AN3-10A	Bolt - (Attach flap to wing)	4
-20	AN365-1032	Nut - (Attach flap to wing)	1
	0523901-1	Flap Assembly - Right wing	1
-21	0523911-1	Spar - Flap	1
-22	0523912	Rib - Flap right end	3
-23	0523923	Rib - Trailing edge	2
-24	0523901-9	Rib Assembly - Flap support arm right	2
-25	0523901-8	Rib Assembly - Flap support arm left	1
-26	0523914-2	Rib Assembly - Flap leading edge center	2
-27	AN366F1032	Nutplate	1
-28	0523912-1	Rib - Flap left end	1
-29	0523918	Bracket - Flap control	2
-30	AN3-4A	Bolt - (Attach bracket)	1
-31	0523901-3	Skin - Right flap leading edge	1
-32	0523901-5	Skin - Right flap upper	1
-33	0523901-7	Skin - Right flap lower	4
-34	0523916	Doubler - Access hole	4
-35	0523917	Cover - Access hole	12
-36	PK76XZ-8-8	Screw - (Tinnerman A6077-8Z-3) (attach cover)	12
-37	NAS395-13-3	Nut - (Attach cover)	2
-38	48172	Plug Button - (United Carr)	

ORDER BY PART NUMBER AND NAME SERIAL NUMBER AND COLOR IF APPLICABLE

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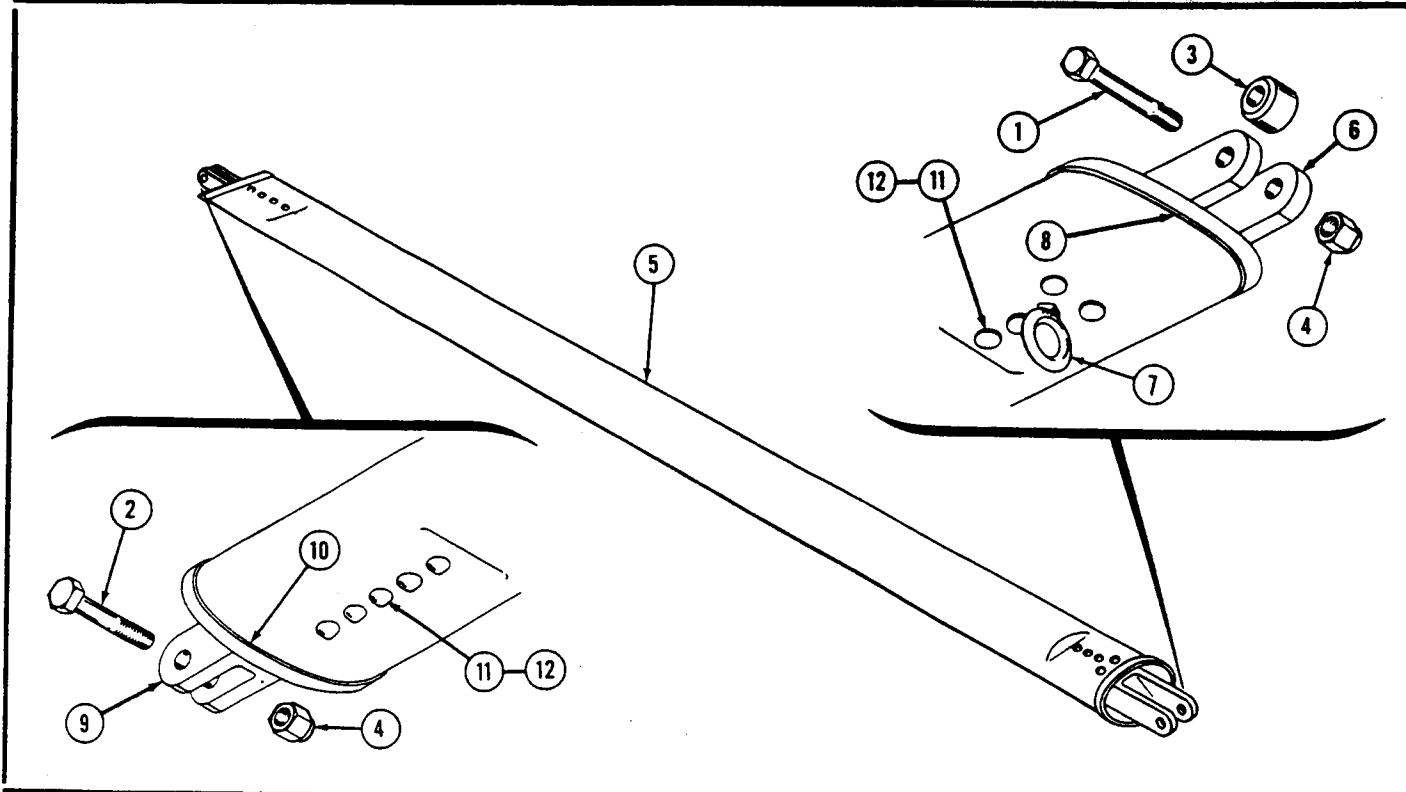


FIGURE 12. WING STRUT INSTALLATION

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
12-	No Number	Strut Installation - Wing (see figure 1 for NHA) (0523606 Ref)	Ref
-1	AN8-24A	Bolt - (Attach strut to wing)	2
-2	AN8-17A	Bolt - (Attach strut to fuselage)	2
-3	0523307	Spacer - (Attach strut to wing)	2
-4	AN365-820	Nut	4
-5	0523606-10	Strut Assembly - Left wing	1
-6	0523606-11	Strut Assembly - Right wing	1
-7	0523607-2	Fitting - Wing strut upper end	1
	0523609	Ring - Mooring	1
	AN960-516	Washer - (Attach mooring ring)	1
	AN365-524	Nut - (Attach mooring ring)	1
-8	0523606-5	Seal - Upper	1
-9	0523608-2	Fitting - Wing strut lower end	1
-10	0523606-4	Seal - Lower	1
-11	NAS178-10-26	Rivet - Hi-shear (attach fittings)(AN5-20A bolt, alternate)(serial 20267 thru 26038)	9
-12	NAS179-10	Collar - (AN960-516 washer & AN365-524 nut, alternate)(serial 20267 thru 26038)	9
	AN426AD10	Rivet - Flush (serial 26039 & on)	9

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SERIAL NUMBER AND COLOR IF APPLICABLE

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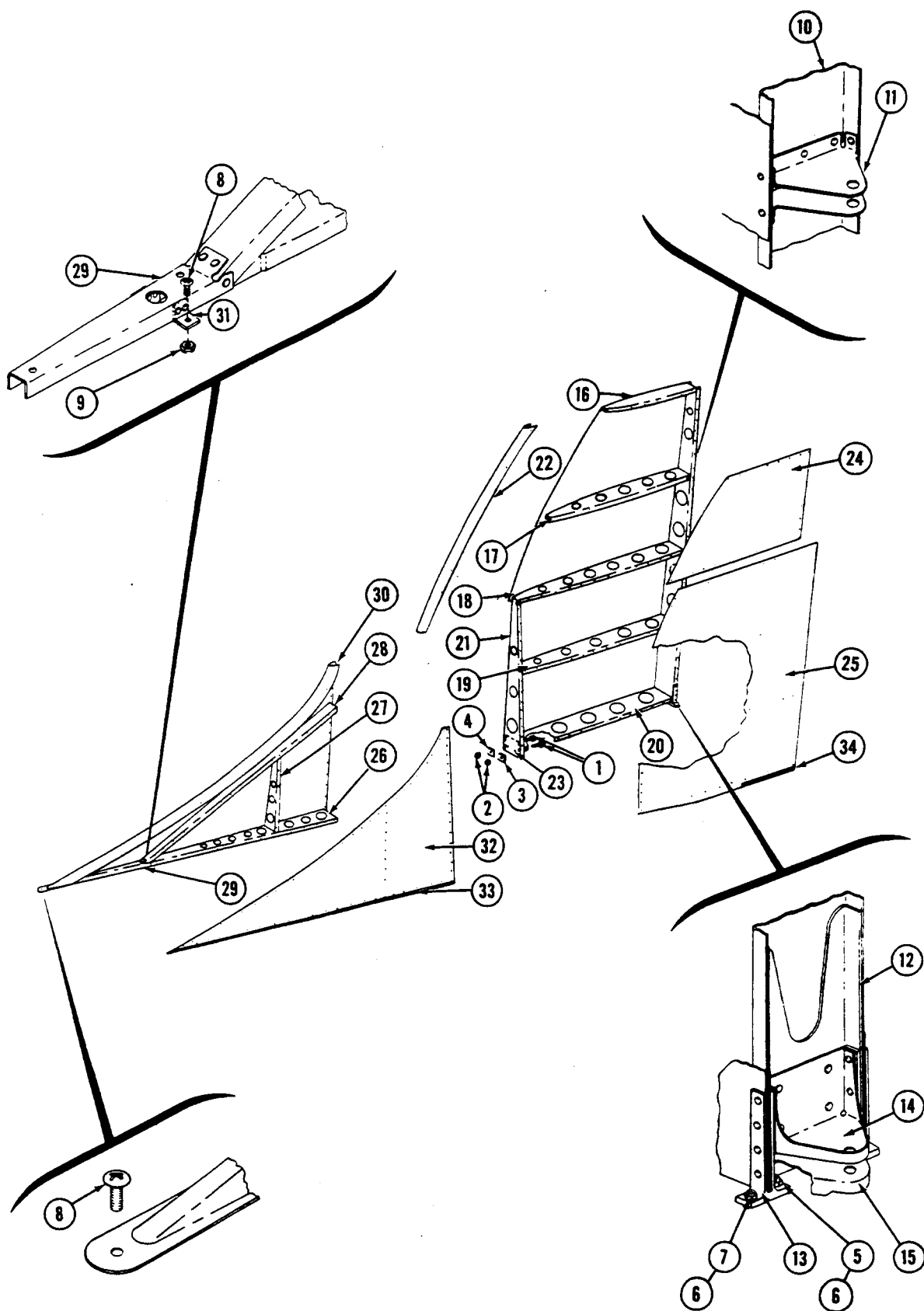


FIGURE 13. FIN AND DORSAL INSTALLATION

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
13-	No Number	Fin & Dorsal Installation - (See figure 1 for NHA) (0530001 Ref)	Ref
-1	AN4-5A	Bolt - (Attach fin at center)	2
-2	AN365-428	Nut - (Attach fin at center)	2
-3	0430010-1	Shim - Empennage installation	AR
-4	0430010-2	Shim - Empennage installation	AR
-5	NAS145-14	Bolt - (Attach fin at rear)	2
-6	AN365-524	Nut - (Attach fin at rear)	4
-7	NAS145-18	Bolt - (Attach fin at rear)	2
-8	AN526-1032R8	Screw - (Attach fin at front)	3
-9	AN365-1032	Nut - (Attach fin)	2
	0531113-50	Fin & Dorsal Assembly	1
	0331000-52	Fin Assembly	1
-10	0331114	Spar - Fin rear	1
-11	0331120	Bracket - Fin upper hinge	2
-12	0331115	Reinforcement - Rear spar lower	1
-13	0331124	Fitting - Rear spar lower	2
-14	0331119	Bracket - Lower hinge	1
-15	0331118	Bracket - Lower hinge	1
-16	0331106	Rib - Upper fin (#5)	1
-17	0331107	Rib - Fin (#4)	1
-18	0331108	Rib - Fin (#3)	1
-19	0331109	Rib - Fin (#2)	1
-20	0331110	Rib - Lower fin (#1)	1
-21	0331125	Spar - Fin front	1
-22	0331127	Leading Edge - Fin upper	1
-23	0331121	Reinforcement - Front spar lower	2
-24	0331000-4	Skin - Fin side upper	2
-25	0331000-6	Skin - Fin side lower	1
	0531112	Dorsal Assembly	1
-26	0531108	Rib - Fin lower	1
-27	0531109	Rib - Fin former	1
-28	0531110-1	Channel - Fin stiffener	1
-29	0531111	Rib - Dorsal fin lower forward	1
-30	0331129	Leading Edge - Fin	2
-31	0531112-4	Bracket - Dorsal fin mounting	2
-32	0531112-3	Skin - Dorsal fin side	1
-33	0411875-22	Moulding - (X200 rubber channel)	2
-34	0411875-11	Moulding - (X200 rubber channel)	2

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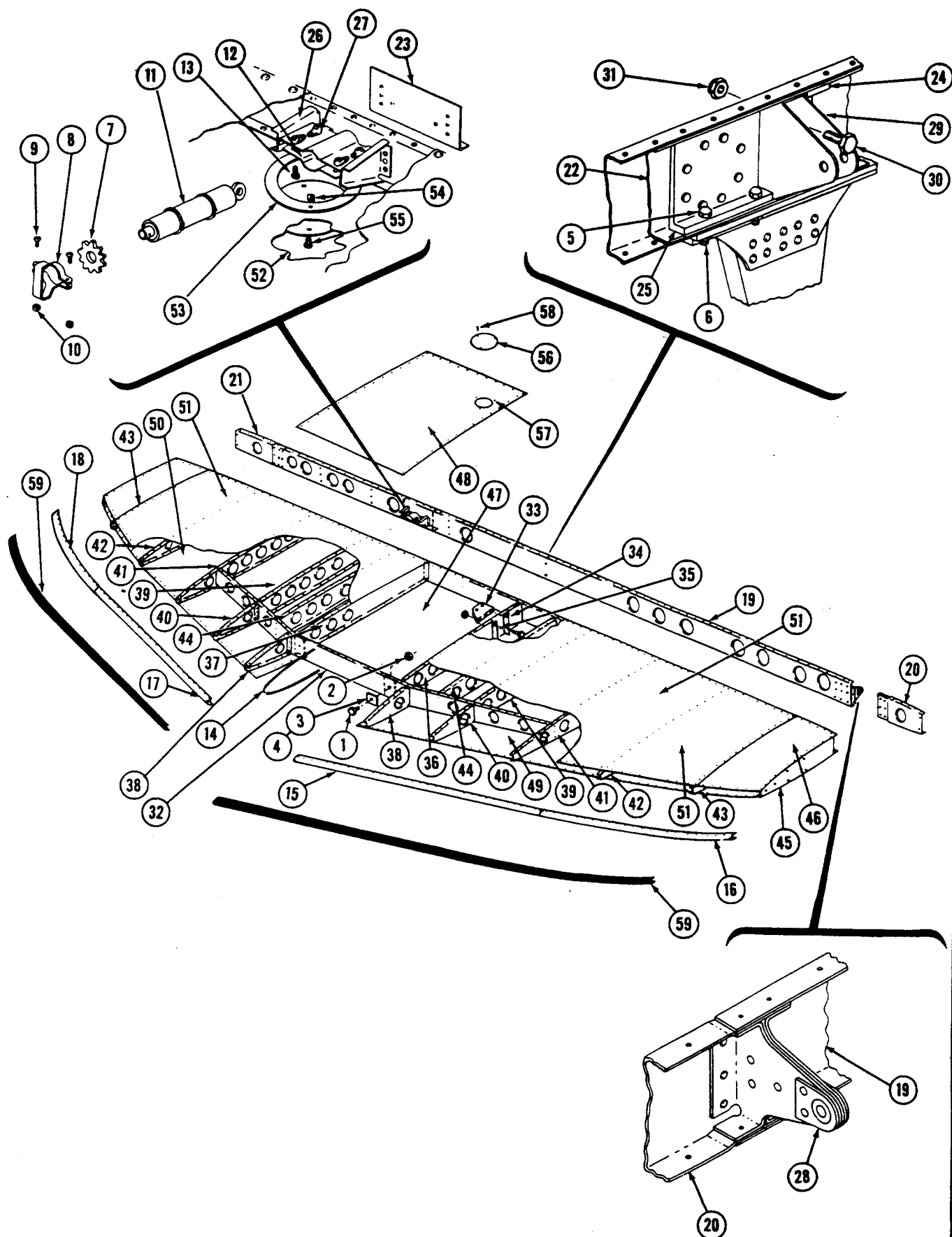


FIGURE 14. STABILIZER INSTALLATION

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
14-	No Number	Stabilizer Installation - Horizontal (see figure 1 for NHA) (0530001 Ref).	Ref
-1	AN4-5A	Bolt - (Attach stabilizer front spar to bulkhead)	2
-2	AN365-428	Nut - (Attach stabilizer front spar to bulkhead)	2
-3	0430010-1	Shim - Stabilizer attachment (0.20)	AR
-4	0430010-2	Shim - Stabilizer attachment (0.30)	AR
-5	AN4-10A	Bolt - (Attach rear spar to fuselage)	4
-6	AN365-428	Nut - (Attach rear spar to fuselage)	4
	0532000	Stabilizer Assembly	1
	0310293-2	Actuator Assembly - Elevator tab	1
-7	0310332	Sprocket - Elevator tab chain	1
-8	0310422	Guard - Elevator tab control chain	2
-9	AN526-832R8	Screw - (Attach guard)	2
-10	AN365-832	Nut - (Attach guard)	1
-11	0310293-11	Actuator - Elevator tab	2
-12	0432126	Clamp - (Attach actuator)	4
-13	AN520-10R8	Screw - (Attach actuator clamp)	2
-14	0411875-4	Moulding - Rubber	1
	0532000-8	Stabilizer Assembly - Bare (less tab actuator)	1
	0532000-16	Leading Edge Assembly - Stabilizer left	1
-15	0332128-4	Leading Edge - Inboard left	1
-16	0332127-3	Leading Edge - Outboard left	1
	0532000-17	Leading Edge Assembly - Stabilizer right	1
-17	0332128-5	Leading Edge - Inboard right	1
-18	0332127-3	Leading Edge - Outboard right	1
-19	0532004	Spar Assembly - Stabilizer rear	1
-20	0532005-1	Spar - L.H. tip	1
-21	0532005-2	Spar - R.H. tip	1
-22	0332109	Reinforcement - Rear spar	1
-23	0332131	Reinforcement - Rear spar (right side only)	2
-24	0332110	Plate - Rear spar fin attachment	2
-25	0332111-3	Plate - Stabilizer rear spar attachment	1
-26	0332134	Bracket Assy - Tab actuator attachment	4
-27	22A3-02	Anchor Nut - Esna	2
-28	0534114-3	Hinge - Stabilizer spar outboard	1
-29	0534118	Hinge - Stabilizer spar inboard	2
-30	AN3-4A	Bolt - (Attach hinge)	2
-31	AN365-1032	Nut - (Attach hinge)	1
-32	0332114	Spar Assembly - Stabilizer front	1
-33	0332116	Bracket - Elevator tab pulley	1
-34	0332129	Angle - Stabilizer #1 rib stiffener left	1
	AN3-4A	Bolt - (Attach bracket & angle)	1
	AN365-1032	Nut - (Attach bracket & angle)	1
-35	0332129-1	Angle - Stabilizer #1 rib stiffener right	1
-36	0332118	Rib - Stabilizer center L.H. #1	1
-37	0332118-1	Rib - Stabilizer center R.H. #1	2
-38	0332119	Rib - Stabilizer nose #1	2
-39	0332120	Rib - Stabilizer center #2	2
-40	0332121	Rib - Stabilizer nose #2	2
-41	0332122	Rib - Stabilizer #3	2
-42	0332123	Rib - Stabilizer #4	2
-43	0332124	Rib - Stabilizer #5	2
-44	0332105	Rib - Stabilizer - Center	2
-45	0532007	Rib - Stabilizer tip	4
-46	0532000-3	Skin - Stabilizer tip (top & bottom)	1
-47	0532000-4	Skin - Stabilizer bottom center	1
-48	0532000-5	Skin - Stabilizer upper center	1
-49	0532000-9	Skin - Stabilizer lower left	1
-50	0532000-11	Skin - Stabilizer lower right	2
-51	0532000-12	Skin - Stabilizer upper	1
-52	0432123	Plate - Tab actuator cover	1
-53	0432155	Retainer - Tab actuator cover	4
-54	NAS395-14-3	Nut - (Attach actuator cover)(Tinnerman A1274-8Z-3)	4
-55	PK76XZ-8-8	Screw - (Attach actuator cover)	1
-56	0311516	Plate - (Inspection opening)	4
-57	NAS444-5	Nut - (Attach plate)	2
-58	PK76XZ-8-8	Screw - (Attach plate)	2
-59	0332136-4	Boot - Abrasion (optional equipment)	2

ILLUSTRATED PARTS CATALOG

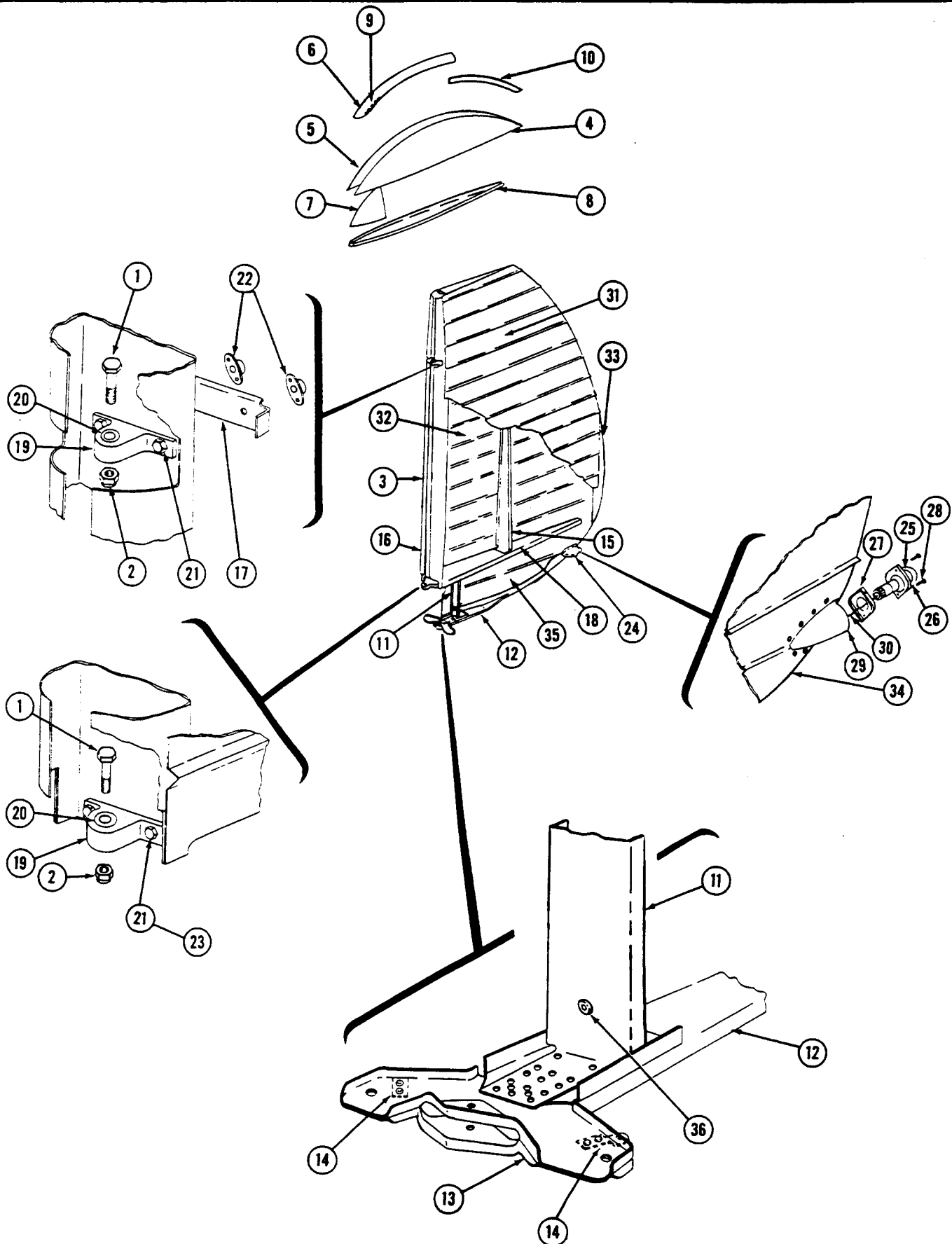


FIGURE 15. RUDDER INSTALLATION

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
15-	No Number	Rudder Installation -(See figure 1 for NHA)(0530001 Ref)	Ref
-1	AN4-11A	Bolt - (Attach rudder to fin)	2
-2	AN365-428	Nut - (Attach rudder to fin)	2
-3	0533000-3	Rudder Assembly	1
	0533000-10	Tip Assembly - Rudder	1
-4	0333000-3	Skin - Rudder tip left	1
-5	0333000-6	Skin - Rudder tip right	1
-6	0333127	Leading Edge - Rudder tip	1
-7	0333117-1	Weight - Rudder balance	1
-8	0333113	Rib - Rudder tip	1
-9	CR163C-4-8	Rivet - Cherry (install tip leading edge)	10
-10	0333114	Stiffener - Rudder tip	1
	0533000-30	Bellcrank Assembly	1
-11	0533000-13	Channel - Bellcrank support	1
-12	0533000-12	Rib Assembly - Lower	1
	0533000-6	Rib - Rudder - Lower aft	1
	0533300-8	Rib - Rudder - Lower forward	1
-13	0433113	Bellcrank - Rudder	1
-14	0433132	Tab - Tailwheel steering	2
-15	0333115	Spar - Rudder rear	1
-16	0333132	Spar - Rudder front	1
-17	0333128	Channel - Rudder upper hinge bearing	1
-18	0533131	Rib - Rudder intermediate	1
-19	0333119	Hinge - Rudder	2
-20	SIK-5	Bearing - Fafnir	2
-21	AN3-5A	Bolt - (Attach hinge)	4
-22	AN366F1032	Nutplate - (Attach upper hinge)	2
-23	AN365-1032	Nut - (Attach lower hinge)	2
-24	0433006	Light - Tail	1
-25	0433006-2	Lens - Tail light clear	1
-26	0433006-3	Lamp - Single contact base	1
-27	0433007	Mount - Tail light	1
-28	AN15-4R6	Screw - (Attach mount)	2
-29	0433121	Support - Tail light mount	1
-30	0500005-41	Wire Assembly - Tail light	1
	0533000-35	Skin Assembly	1
-31	0533000-20	Skin - Rudder left	1
-32	0533000-21	Skin - Rudder right	1
-33	0333116	Tab - Rudder	1
-34	0533000-14	Skin - Rudder lower left	1
-35	0533000-15	Skin - Rudder lower right	1
-36	AN931-3-5	Grommet	1

ILLUSTRATED PARTS CATALOG

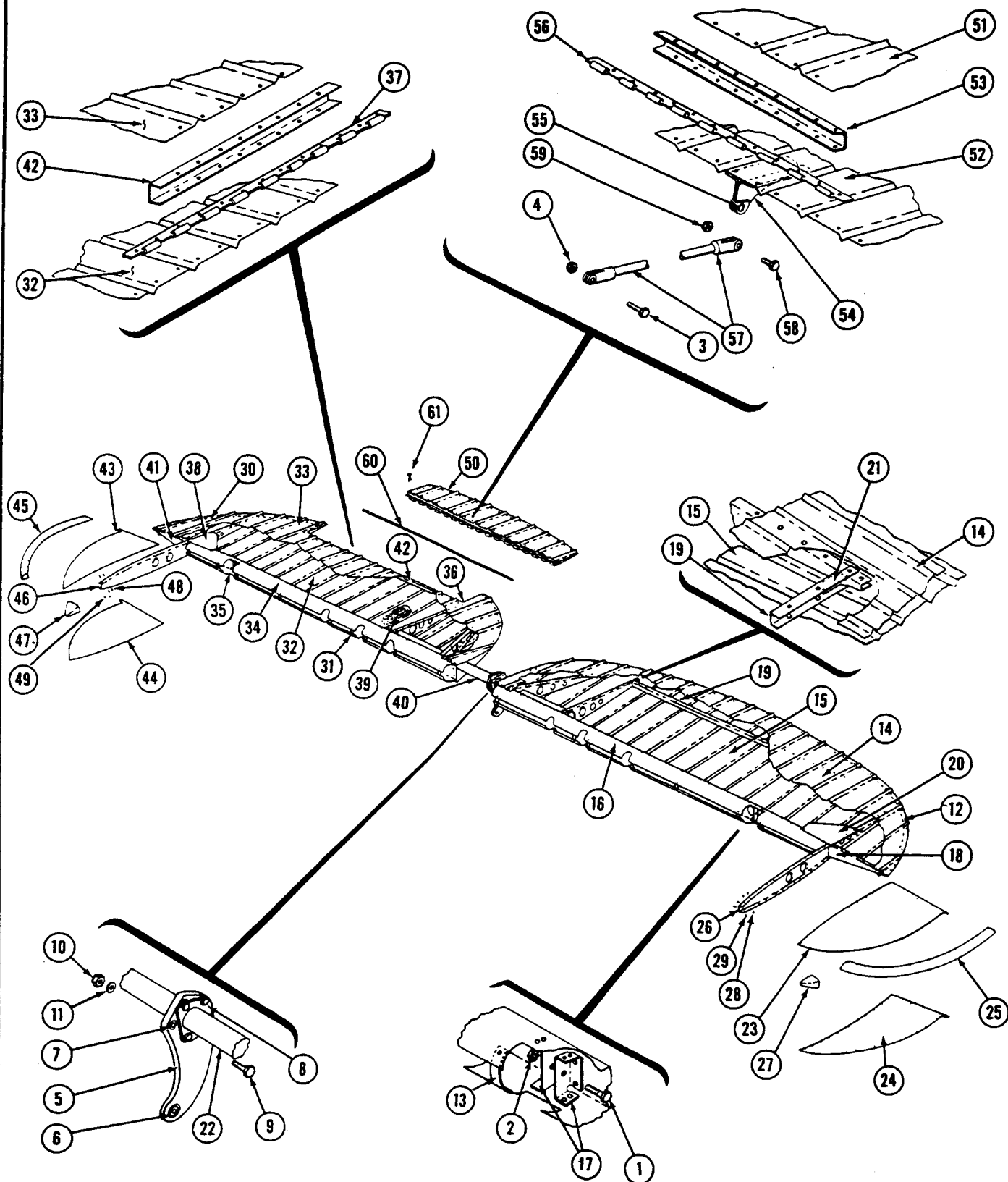


FIGURE 16. ELEVATOR INSTALLATION

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASSY
			
16-	No Number	Elevator Installation - (0530001 Ref) (see figure 1 for NHA)	Ref
-1	AN4-11A	Bolt - (Attach elevator)	2
-2	AN365-428	Nut - (Attach elevator)	2
-3	AN3-7A	Bolt - (Attach tab push-pull tube to actuator)	1
-4	AN365-1032	Nut - (Attach tab push-pull tube to actuator)	1
-5	0534107	Pylon Assembly - Elevator	1
-6	KS4	Bearing - Fafnir	1
-7	AR4-1	Bearing - Torrington	4
-8	AN4-10A	Bolt - (Attach elevator to pylon)	4
	AN960-416	Washer - (Attach elevator to pylon)	4
	AN365-428	Nut - (Attach elevator to pylon)	1
-9	AN4-11A	Bolt - (Attach pylon to stabilizer hinge)	1
-10	AN365-428	Nut - (Attach pylon to stabilizer hinge)	1
-11	AN960-416L	Washer - (Attach pylon to stabilizer hinge)	1
	0534100	Elevator Assembly - Left	1
-12	0534100-7	Stiffener - Elevator tip outboard	6
-13	0534110	Clip - Elevator spar front	1
-14	0534100-4	Skin - Left elevator upper	1
-15	0534100-5	Skin - Left Elevator lower	1
-16	0534108	Spar - Elevator front	2
-17	0534111	Hinge - Elevator spar	1
-18	0534120	Spar - Elevator tip	1
-19	0534116-4	Spar - Elevator rear	1
-20	0534119-1	Doubler - Left elevator upper	1
	0534119-2	Doubler - Left elevator lower	1
-21	0534115	Clip - (Attach rib to spar)	1
-22	0534109	Torque Tube Assembly - Left elevator	1
	0534100-6	Tip Assembly - Left elevator	1
-23	0534100-3	Skin - Elevator tip upper	1
-24	0534100-20	Skin - Elevator tip lower	1
-25	0534112	Leading Edge - Elevator tip	1
-26	0534113	Rib - Elevator tip	1
-27	0534100-9	Weight - Left elevator tip	2
-28	NAS445-163C-4-2	Rivet - (CR163C-4-2)	4
-29	NAS445-163C-4-8	Rivet - (CR163C-4-8)	1
	0534101	Elevator Assembly - Right	1
	0534101-50	Elevator Assembly - Right (less tab)	1
-30	0534100-7	Stiffener - Elevator tip outboard	6
-31	0534110	Clip - Elevator spar front	1
-32	0534101-4	Skin - Right elevator lower	1
-33	0534101-5	Skin - Right elevator upper	1
-34	0534108	Spar - Elevator front	2
-35	0534111	Hinge - Elevator spar	1
-36	0534115	Clip - (Attach rib to spar)	1
-37	0534101-11	Hinge - Elevator half	1
-38	0534119-1	Doubler - Right elevator lower	1
	0534119-2	Doubler - Right elevator upper	1
-39	0334126	Cover - Push-pull tube	1
-40	0534109-1	Torque Tube Assembly - Right elevator	1
-41	0534120	Spar - Elevator tip	1
-42	0534116-4	Spar - Elevator rear	1
	0534101-9	Tip Assembly - Right elevator	1
-43	0534100-3	Skin - Elevator tip upper	1
-44	0534100-20	Skin - Elevator tip lower	1
-45	0534112	Leading Edge - Elevator tip	1
-46	0534113	Rib - Elevator tip	1
-47	0534101-13	Weight - Right elevator tip	2
-48	NAS445-163C-4-2	Rivet - (CR163C-4-2)	4
-49	NAS445-163C-4-8	Rivet - (CR163C-4-8)	1
-50	0534101-6	Tab Assembly - Right elevator	1
-51	0534101-7	Skin - Tab upper	1
-52	0534101-8	Skin - Tab lower	1
-53	0534116-3	Spar - Elevator tab	1
-54	0534117	Horn Assembly - Elevator tab	1
-55	PN-3A	Bearing - Torrington	1
-56	0534101-12	Hinge - Tab half	1
-57	0334109-6	Tube Assembly - Elevator tab push-pull	1
-58	AN3-7A	Bolt - (Attach push-pull tube to horn)	1
-59	AN365-1032	Nut - (Attach push-pull tube to horn)	1
-60	AN253-2-2812	Pin - Hinge (attach tab)	1
-61	AN381-1-8	Pin - Cotter (attach tab)	1

ILLUSTRATED PARTS CATALOG

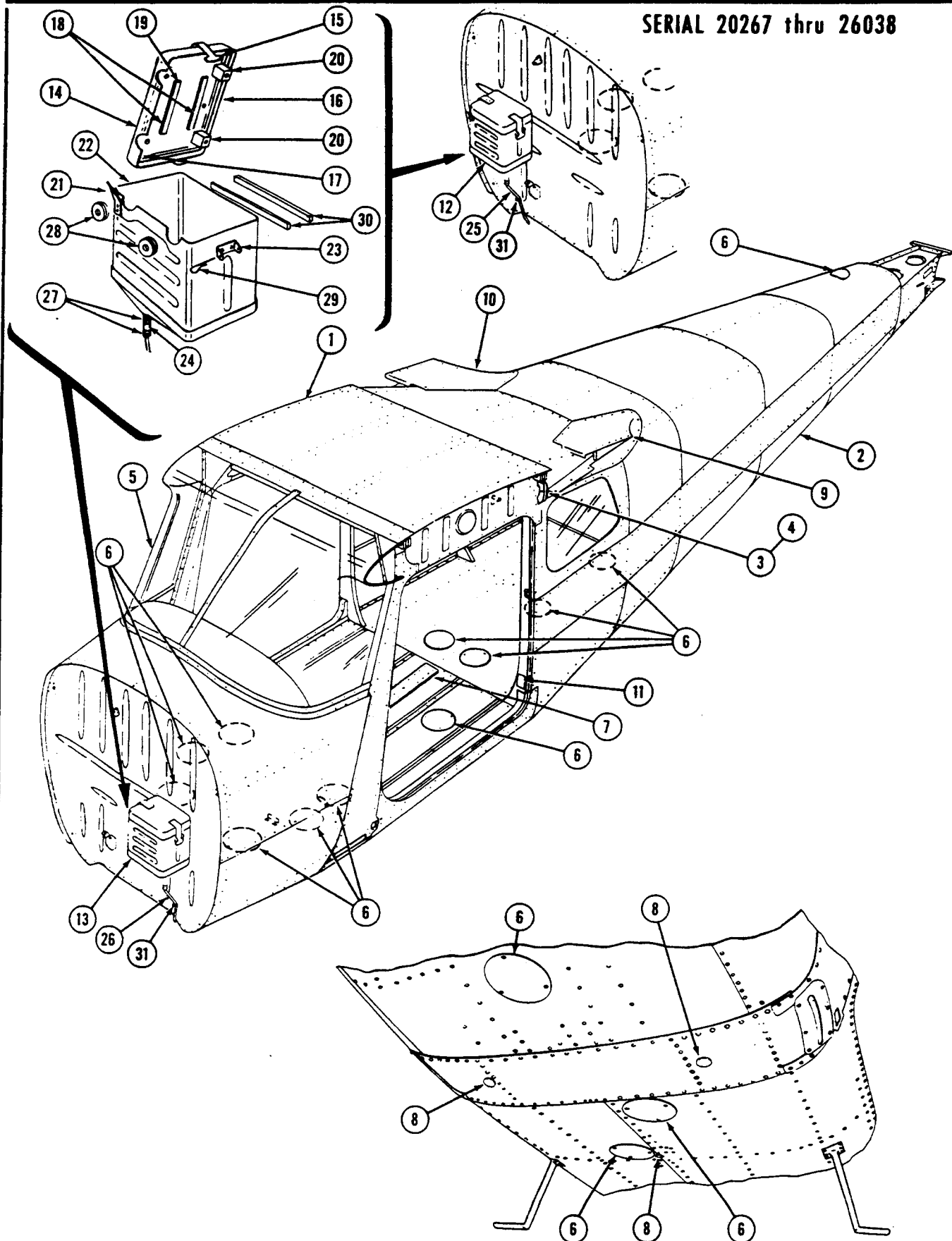


FIGURE 17. FUSELAGE ASSEMBLY

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
17-	0510000-53	Fuselage Assembly - (Serial 20267 thru 25372) (bare with windshield, rear windows and electrical wiring) (see figure 1 for NHA)	Ref
	0591000-1	Fuselage Assembly - (Serial 25373 thru 26995) (see figure 1 for NHA)	Ref
	0591000-4	Fuselage Assembly - (Serial 26996 & on)	Ref
-1	0511000-54	Front & Center Section - Fuselage (serial 20267 thru 25372) (see figure 18 for bkdn)	1
	0591100-1	Front & Center Section - Fuselage (serial 25373 & on) (see figure 18 for breakdown)	1
-2	0591200-1	Aft Section - Fuselage (see figure 23 for breakdown) (serial 20267 thru 26995)	1
	0591200-6	Aft Section Assembly - (Serial 26996 & on) (see figure 23 for breakdown)	1
-3	0512146	Plate - LH	1
	0512146-1	Plate - RH	1
-4	0512149-1	Bracket - Flap pulley left	1
	0512149-2	Bracket - Flap pulley right	1
-5	No Number	Windshield Installation - (See figure 22 for breakdown)	13
-6	0311516	Plate - Inspection opening cover	41
	49390	Stud - Tri-mount (United Carr)	1
-7	0311516-4	Plate - Inspection opening cover	18
	PK76XZ-8-8	Screw - (Attach cover plates)	3
-8	NAS451-51	Plug Button - (United Carr #48143)	1
-9	0512153-1	Wing Fillet Assembly - Left (serial 20267 thru 26038)	1
	0512153-7	Wing Fillet Assembly - Left (serial 26039 & on)	1
-10	0512153-2	Wing Fillet Assembly - Right (serial 20267 thru 26038)	1
	0512153-8	Wing Fillet Assembly - Right (serial 26039 & on)	1
-11	0413261	Name Plate - M.A.A.	1
-12	0513011	Box Assembly - Battery (serial 20267 thru 26038)	1
-13	0513011-8	Box Assembly - Battery (serial 26039 & on)	1
-14	0413307-21	Lid Assembly - Battery box	2
-15	0413307-17	Fastener	1
-16	0413307-4	Seal - Battery box rear	1
-17	0413307-8	Seal - Battery box forward	2
-18	0413307-5	Spacer - Battery box	2
-19	0413307-6	Insulator - Battery box	2
-20	0413307-7	Insulator - Battery box	4
	AN545-8R6	Screw - (Attach insulator to lid)	1
-21	0513018	Support - Control (serial 20267 thru 26038)	1
-22	0513011-3	Box Assembly - Battery (less lid)	2
-23	0413307-13	Catch - Battery box	1
-24	AN884-6-9	Tube - Battery box drain (rubber)	1
-25	0513011-2	Tube - Battery box drain lower (serial 20267 thru 26038)	1
-26	0500106-151	Tube - Battery box drain lower (serial 26039 & on)	2
-27	NAS397-12	Clamp - (Tinnerman A3122-12-59)	2
-28	AN931-11-16	Grommet	2
-29	AN415-2	Pin - Lock	2
-30	0513011-4	Spacer - Battery box	1
-31	NAS742D8	Clamp - (Tinnerman A2980A-6)	1
	PK76XZ-8-6	Screw - (Attach clamp)	1
	NAS444-6	Nut - (Tinnerman A1778-8Z-3) (attach clamp)	1

ILLUSTRATED PARTS CATALOG

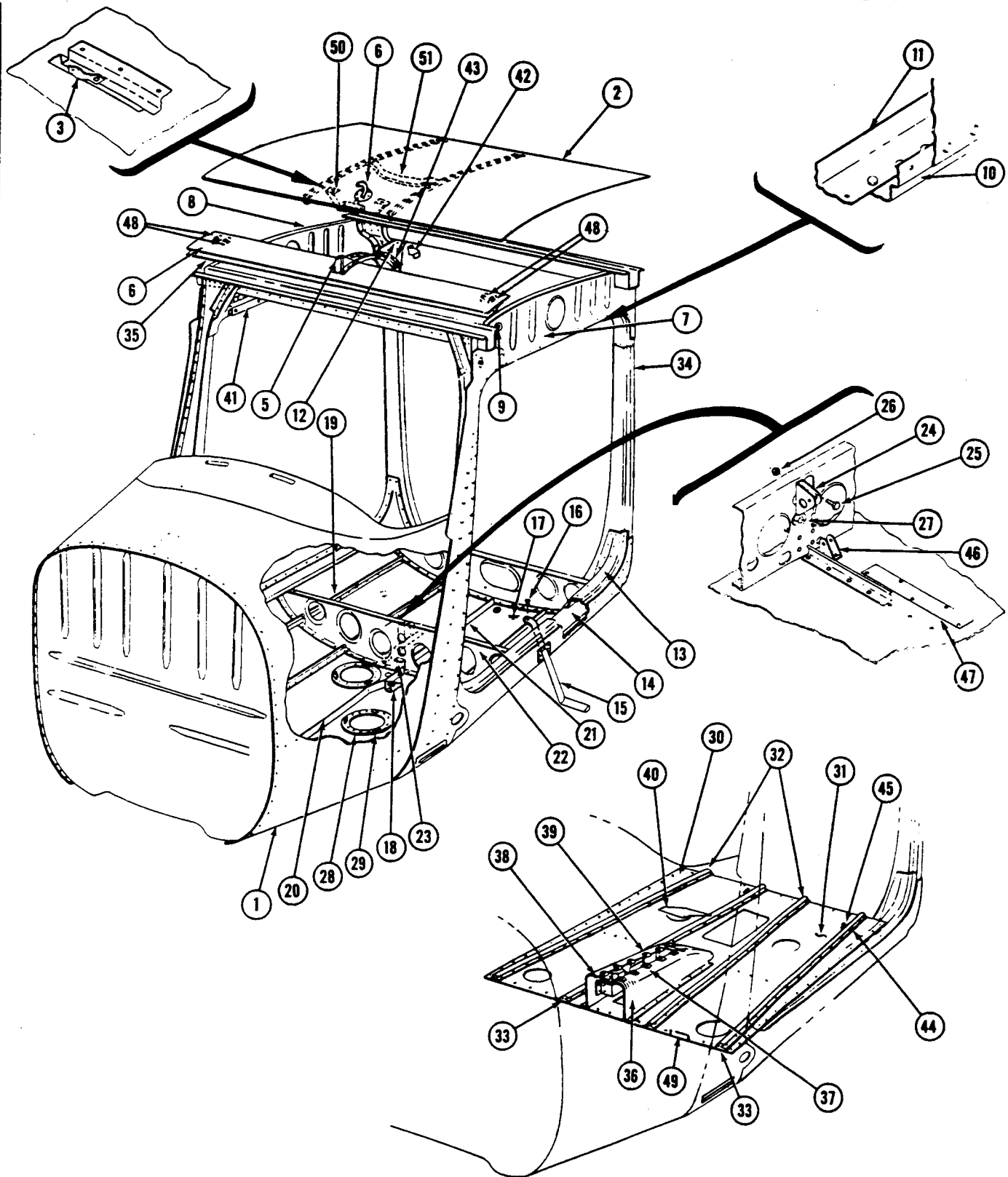


FIGURE 18. FUSELAGE FRONT-AND-CENTER SECTION ASSEMBLY

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASSY
18-	0511000-54	Front & Center Section Assembly - Fuselage (serial 20267 thru 25372)(see fig. 17 for NHA)	Ref
	0591100-1	Front & Center Section Assembly - Fuselage (serial 25373 & on) (see figure 17 for NHA)	Ref
-1	0513000-55	Front Section Assembly - Fuselage (serial 20267 thru 25372)(see figure 19 for breakdown)	1
	0591300-5	Front Section Assembly - Fuselage (serial 25373 & on) (see figure 20 for breakdown)	1
-2	0511114-4	Top Assembly - Cabin (serial 20267 thru 20435)	1
	0511114-6	Top Assembly - Cabin (serial 20436 & on)	1
-3	0411680	Hanger - Interior trim	1
-4	0511118	Vent Assembly - Fuel tank	1
-5	0411670	Bracket - Antenna mast (serial 20267 thru 26996)	1
-6	0511000-24	Cap - Fuselage front spar	1
-7	0511000-39	Rib - Fuselage forward section left	1
-8	0511000-40	Rib - Fuselage forward section right	2
-9	AN931-3-5	Grommet	1
-10	0511000-6	Frame - Door upper outboard left	1
	0511000-7	Frame - Door upper outboard right	1
-11	0511000-22	Frame - Door upper inboard left	1
	0511000-23	Frame - Door upper inboard right	1
-12	0511000-9	Gusset - Upper rear door jamb right	1
	0511000-8	Gusset - Upper rear door jamb left	1
-13	0511116	Sill Assembly - Door lower left	1
	0511116-1	Sill Assembly - Door lower right	1
-14	0511000-36	Support - Left door lower sill	1
	0511000-37	Support - Right door lower sill	1
-15	Deleted		
	Deleted		
	0711006-1	Step Assembly - Left	1
	0711006-2	Step Assembly - Right	2
-16	AN525-416R9	Screw - (Attach step)	2
	AN365-428	Nut - (Attach step)	1
-17	0511000-34	Skin - Fuselage center section lower (sta. 27.812 to 65.33)	1
-18	0311752-16	Bracket - Tab pulley	4
-19	0511000-11	Stringer - Fuselage center section	1
-20	0511000-35	Stringer - Fuselage center section	1
-21	0511000-38	Stringer - Fuselage center section	1
-22	0511109-7	Bulkhead Assembly - Fuselage (sta. 44.00)(when exhausted use 0511290-1)	1
	0511290-1	Bulkhead Assembly - Fuselage (sta. 44.00)(serial 26996 & on)	1
-23	0511192	Bracket - Fuel selector valve	1
-24	0411447	Pulley Bracket - Elevator	1
-25	AN520-10R7	Screw - (Attach pulley bracket)	1
-26	AN365-1032	Nut - (Attach pulley bracket)	1
-27	0412006	Fairlead - Control elevator	2
-28	0511000-20	Doubler - Inspection opening (used with 0511000-31 & -32 skins)	2
	0710100	Doubler - Inspection opening (used with 0511000-34 skin)	6
-29	NAS395-14-3	Nut - (Tinnerman #A1786-8Z-3) (attach doubler)	1
-30	0511000-56	Floorboard Assembly - Fuselage center section	1
-31	0511000-41	Sheet - Floorboard	2
-32	0511000-14	Rail - Front seat left inboard and right outboard	2
-33	0511000-15	Rail - Front seat left outboard and right inboard	1
-34	0791100-5	Bulkhead Assembly - Fuselage aft section (sta. 65.33)(see fig. 24 for breakdown)	1
-35	0511000-25	Retainer - Windshield top (see figure 22 for breakdown)	1
-36	0510114-50	Bulkhead Assembly - Fuselage tunnel aft left	5
-37	NAS395-12-3	Nut - (Tinnerman #A1786-8Z-3)	1
-38	0510114-51	Bulkhead Assembly - Fuselage tunnel aft right	5
-39	NAS395-12-3	Nut - (Tinnerman #A1786-8Z-3)	1
-40	0510129-3	Plate - Fuselage tunnel rear	2
-41	0511153	Retainer Assembly - Headliner	1
-42	0511150-1	Bracket - Upholstery fairing attachment right	1
	0511150	Bracket - Upholstery fairing attachment left	1
-43	0511151-1	Retainer - Headliner right	1
	0511151	Retainer - Headliner left	4
-44	0511301-67	Bushing - Seat stop	2
-45	AN380-4-3	Pin - Cotter	1
-46	0510174	Bracket - Flap pulley	1
-47	0511000-60	Strip - Rub	4
-48	NAS444-4	Nutplate - (Tinnerman #A6191-8Z-3)	1
-49	0511142-2	Angle - Control lock	1
-50	0710102	Bracket - Instrument light (serial 26996 & on)	1
-51	0710102	Bracket - (Serial 26996 & on)	1
	0511296	Angle - (Serial 26996 & on)	2

ILLUSTRATED PARTS CATALOG

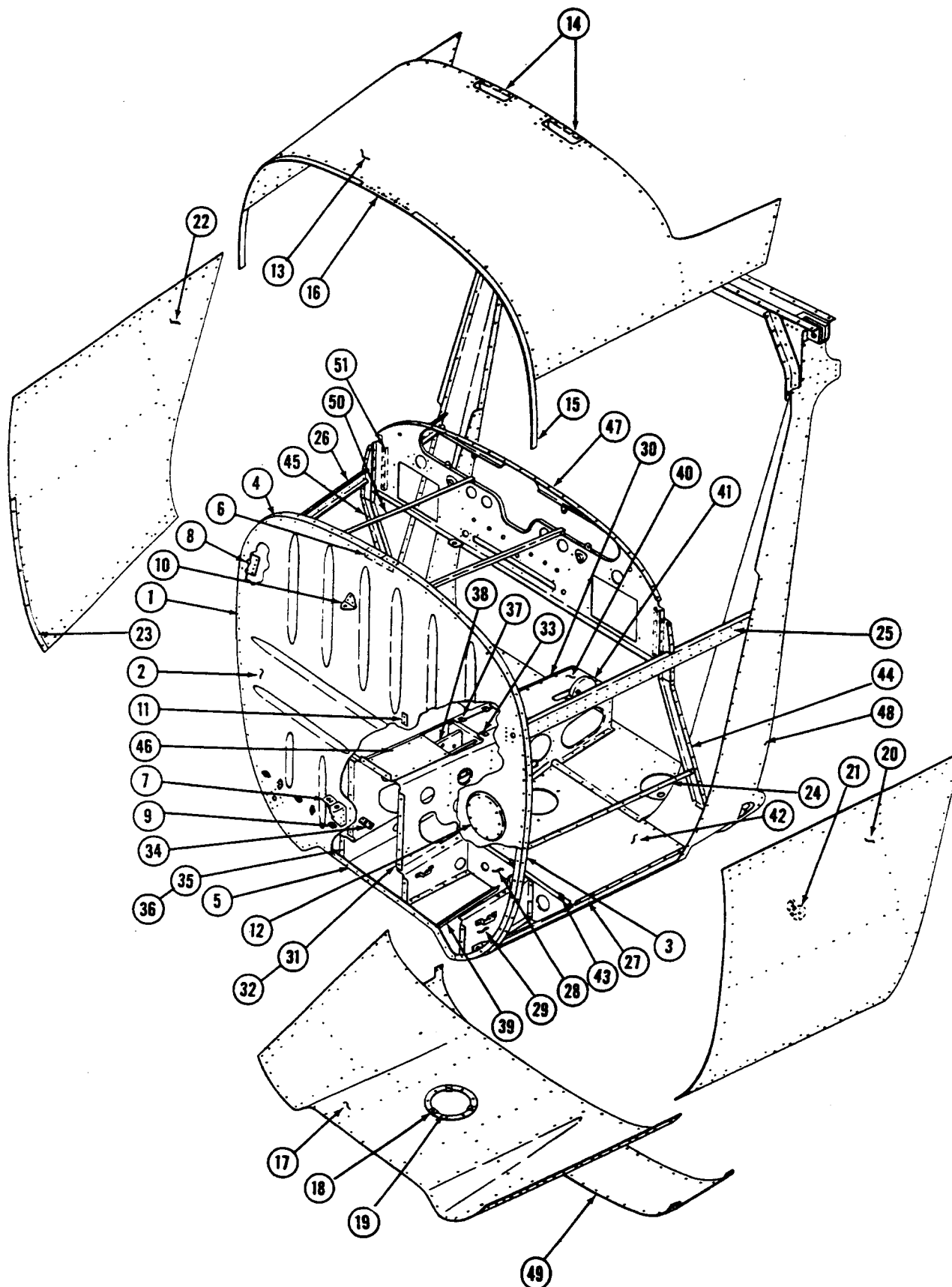


FIGURE 19. FUSELAGE FRONT SECTION ASSEMBLY (SERIALS 20267 THRU 25372)

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
		Structure Assembly - Fuselage front section (serial 20267 thru 25372)(see fig. 18 for NHA)	Ref
19-	0513000-55	Firewall Assembly	1
-1	0513228-21	Sheet - Firewall	1
-2	0513101-3	Angle - Left	1
-3	0513102	Angle - Right	1
-4	0513102-1	Angle - Bottom	1
-5	0513103	Angle - Top	1
-6	0513106	Bracket - Fuel strainer	4
-7	0450111	Plate - Firewall	10
-8	0453110	Nut - (Tinnerman #A6195-8Z-3)	1
-9	NAS444-5-3	Bracket Assembly - Starter control	2
-10	0450284	Doubler	1
-11	0513100	Cover - Cabin heater aperture	16
-12	0453112	Screw - (Attach cover)	16
	PK76XZ-6-8	Nut - (Tinnerman #A1777-6Z-3) (attach cover)	1
	NAS446-3	Skin - Fuselage front section upper	2
-13	0513000-19	Handle - Assist	2
-14	0413106	Rub Strip - Fuselage skin	4
-15	0513000-3	Nut - (Tinnerman #A6195-8Z-3) (attach cowl)	1
-16	NAS444-5-3	Skin - Fuselage front section lower	3
-17	0513000-13	Nut - (Tinnerman #A1274-8Z-3)	1
-18	NAS395-14-3	Doubler - Access opening	1
-19	0511000-20	Skin - Fuselage front section left	1
-20	0513000-14	Flange - Pitot static line	1
-21	0413137	Elbow	1
	AN823-4D	Skin - Fuselage front section right	2
-22	0513000-15	Nutstrip	2
-23	0513000-20	Angle	1
-24	0513000-57	Stringer Assembly - Engine mount upper left	1
-25	0511282	Bracket - Engine mount attachment	1
	Deleted	Stringer Assembly - Engine mount upper right	1
-26	0411281-6	Bracket - Engine mount attachment	1
	Deleted	Stringer Assembly - Engine mount lower left	1
-27	0411281-6	Bracket - Engine mount attachment	1
	Deleted	Stringer Assembly - Engine mount lower right	1
	0411281-6	Bracket - Engine mount attachment	1
-28	0513009-2	Bulkhead - Fuselage left (Sta. 8.125)	1
	0513009-3	Bulkhead - Fuselage right (Sta. 8.125)	1
-29	0510124	Bulkhead - Rudder pedal left outboard	1
	0510124-1	Bulkhead - Rudder pedal right outboard	1
-30	0513000-52	Tunnel Assembly - Fuselage front section	1
-31	0510114-20	Bulkhead Assembly - Front section tunnel left	1
-32	0510113-3	Nut - (Tinnerman #A1786-8Z-3)	2
-33	NAS395-12-3	Bracket - Rudder pedal spring	1
-34	0510128	Bulkhead Assembly - Front section tunnel right	1
-35	0510114-21	Bulkhead - Tunnel forward	2
-36	0510113-4	Nut - (Tinnerman #A1786-8Z-3)	1
-37	NAS395-12-3	Bracket - Rudder pedal spring	1
	0510128	Support Assembly - Control tee	1
-38	0510135	Angle - Bulkhead reinforcement left	1
-39	0513000-10	Angle - Bulkhead reinforcement right	1
	0513000-9	Cover Assembly - Fuselage tunnel aft	1
	0510138	Cover - Fuselage tunnel aft	1
-40	0510138-2	Cover Assembly - Tab control left	1
-41	0510138-3	Bearing - Torrington	1
	M-451	Floorboard Assembly-Fuselage front section left (see figure 20 for breakdown)	1
-42	0513000-24	Floorboard - Fuselage front section right	6
	0513000-7	Nut - (Tinnerman #A1274-8Z-3)	1
-43	NAS395-14-3	Bulkhead - Instrument panel support left	1
-44	0513008	Bulkhead - Instrument panel support right	1
-45	0513008-1	Cover - Fuselage tunnel forward	1
-46	0510139	Panel Assembly - Stationary instrument (see figure 38 for breakdown)	1
-47	0513111	Bulkhead Assembly - Landing gear (see figure 21 for breakdown)	1
-48	0591300-6	Skin - Landing gear bulkhead lower	2
-49	0511000-1E	Brace - Stationary instrument panel	2
	0513000-6	Angle - Upholstery retaining	4
	0511148	Screw - (Attach upholstery angle)	
	PK86XA-4-0		

ILLUSTRATED PARTS CATALOG

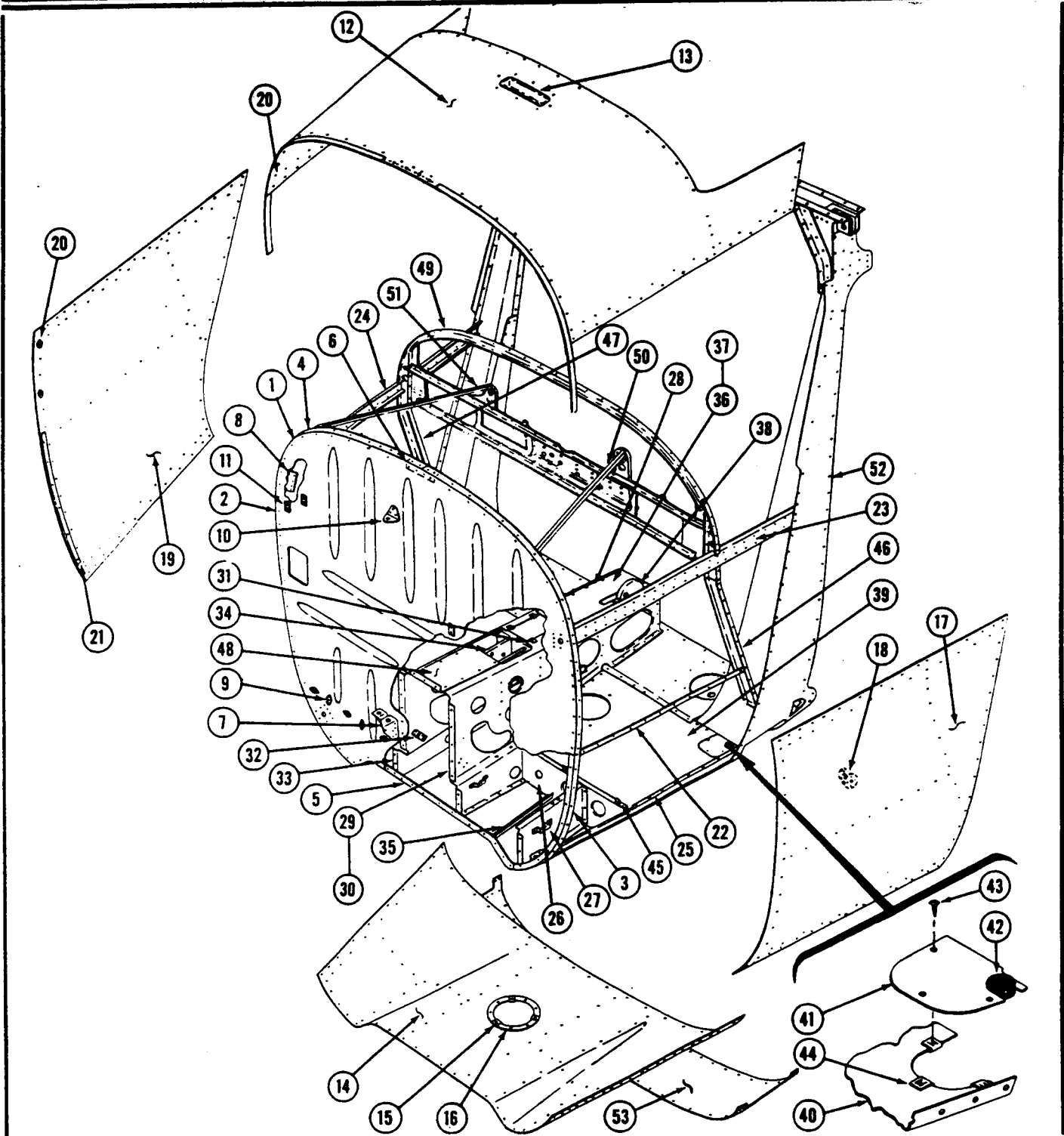


FIGURE 20. FUSELAGE FRONT SECTION ASSEMBLY (SERIALS 25373 AND ON)

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASSY
20-	0591300-5	Structure Assembly - Fuselage front section (serial 25373 & on)(see figure 18 for NHA)	Ref
-1	0513228-22	Firewall Assembly	1
-2	0513101-4	Sheet - Firewall	1
-3	0513102	Angle - Left	1
-4	0513102-1	Angle - Right	1

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
20-5	0513103	Angle - Bottom	1
-6	0513106	Angle - Top	1
-7	0450111	Bracket - Fuel strainer	1
-8	0453110	Plate - Firewall	4
-9	NAS444-5-3	Nut - (Tinnerman #A6195-8Z-3)	10
-10	0450284	Bracket Assembly - Starter control	1
-11	0513100	Doubler - Control cable	4
-12	0513000-22	Skin - Fuselage front section upper	1
-13	0413106	Handle - Assist	1
-14	0513000-13	Skin - Fuselage front section lower	1
-15	NAS395-14-3	Nut - (Tinnerman #A1274-8Z-3)	3
-16	0511000-20	Doubler	1
-17	0513000-14	Skin - Fuselage front section left	1
-18	0413137	Flange - Pitot static line	1
	AN822-4D	Elbow	1
-19	0513000-15	Skin - Fuselage front section right	16
-20	NAS444-5	Nutplate - (Tinnerman #A6195-8Z)	2
-21	0513000-20	Nutstrip	2
-22	0513000-57	Angle	1
-23	0511282	Stringer Assembly - Engine mount upper left	1
	Deleted		
	0411281-6	Bracket - Engine mount attachment	1
-24	0511282-1	Stringer Assembly - Engine mount upper right	1
	Deleted		
	0411281-6	Bracket - Engine mount attachment	1
-25	0511283	Stringer Assembly - Engine mount lower left	1
	Deleted		
	0411281-6	Bracket - Engine mount attachment	1
	0511283-1	Stringer Assembly - Engine mount lower right	1
	Deleted		
	0411281-6	Bracket - Engine mount attachment	1
-26	0513009-2	Bulkhead - Fuselage left (Sta. 8.125)	1
	0513009-3	Bulkhead - Fuselage right (Sta. 8.125)	1
-27	0510124	Bulkhead - Rudder pedal left outboard	1
	0510124-1	Bulkhead - Rudder pedal right outboard	1
-28	0513000-52	Tunnel Assembly - Fuselage front section	1
-29	0510114-20	Bulkhead Assembly - Front	1
-30	0510113-3	Bulkhead - Tunnel forward left	4
-31	NAS395-12-3	Nut - (Tinnerman #A1786-8Z-3)	1
-32	0510128	Bracket - Rudder pedal spring	1
-33	0510114-21	Bulkhead Assembly - Front section tunnel right	1
	0510113-4	Bulkhead - Tunnel forward right	4
	NAS395-12-3	Nut - (Tinnerman #A1786-8Z-3)	1
	0510128	Bracket - Rudder pedal spring	1
-34	0510135	Support Assembly - Control tee	1
-35	0513000-10	Angle - Bulkhead reinforcement left	1
	0513000-9	Angle - Bulkhead reinforcement right	1
-36	0510138	Cover Assembly - Fuselage tunnel aft	1
-37	0510138-2	Cover - Fuselage tunnel	1
-38	0510138-3	Cover Assembly - Tab control left	1
	M-451	Bearing - Torrington	1
-39	0513000-24	Floorboard Assembly - Fuselage front section left	1
-40	0513000-8	Floorboard - Fuselage front	1
-41	0713002-3	Cover	1
-42	AN931-8-13	Grommet	3
-43	PK76XZ-6-4	Screw - (Attach cover)	3
-44	NAS395-3-3	Nut - (Attach cover) (Tinnerman #A6052-6Z-3)	1
	0513000-7	Floorboard - Fuselage front section right	6
-45	NAS395-14-13	Nut - (Tinnerman #A1274-8Z-3)	1
-46	0513008	Bulkhead - Instrument panel support left	1
-47	0513008-1	Bulkhead - Instrument panel support right	1
-48	0510139	Cover - Fuselage tunnel forward	1
-49	0513004-1	Panel Assembly - Stationary instrument (serial 25373 thru 26038) (see fig. 45 for breakdown)	1
	0513040-3	Panel Assembly - Stationary instrument (serial 26039 thru 26995) (see fig. 45A for breakdown)	1
	0513040-23	Panel Assembly - Stationary instrument (serial 26996 & on) (see fig. 45B for breakdown)	1
-50	0513035	Brace - Stationary instrument panel left	1
-51	0513035-1	Brace - Stationary instrument panel right	1
-52	0591300-6	Bulkhead Assembly - Landing gear (see figure 21 for breakdown)	1
-53	0511000-18	Skin - Landing gear bulkhead lower	1

ORDER BY PART NUMBER AND NAME SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

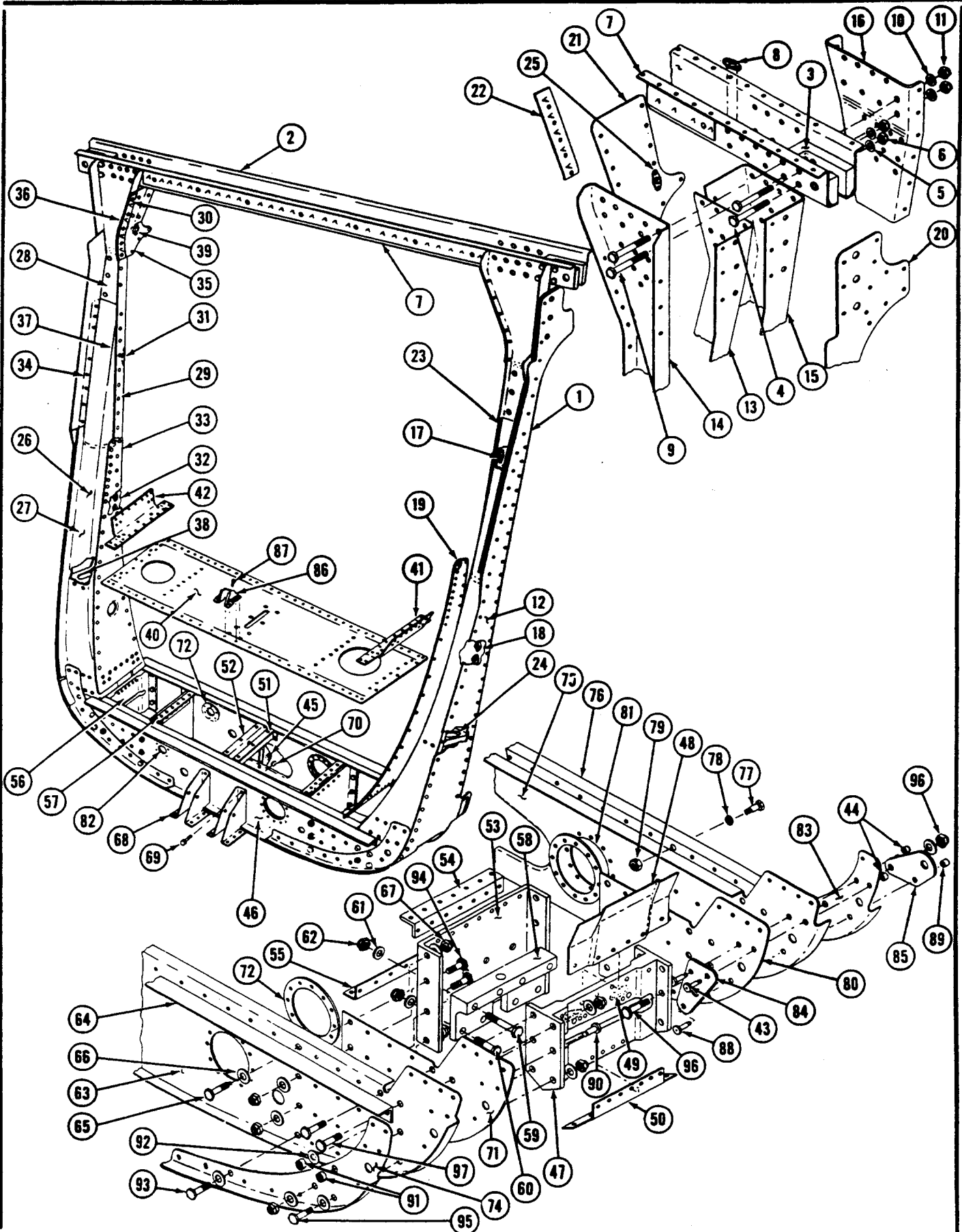


FIGURE 21. LANDING GEAR BULKHEAD ASSEMBLY

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
21-1	0591300-6	Bulkhead Assembly - Door posts and landing gear support (see figure 19 & 20 for NHA)	Ref
-2	0511162-5	Spar Assembly - Fuselage center section forward	1
-3	0411129	Block - Fuselage spar bearing	2
-4	AN3-20A	Bolt - (Attach block outboard)	4
-5	AN960-10L	Washer - (Attach block outboard)	4
-6	AN365-1032	Nut - (Attach block outboard)	4
-7	0412496	Retainer - Upholstery	1
-8	AN366-1032	Nutplate - (Attach sunvisor)	2
-9	AN3-21A	Bolt - (Attach block inboard)	4
-10	AN960-10L	Washer - (Attach block inboard)	4
-11	AN365-1032	Nut - (Attach block inboard)	4
-12	0591300-1	Door Post Assembly - Fuselage left	1
	0513006-44	Bulkhead Assembly - Left door post forward	1
-13	0513006-3	Bulkhead - Left door post forward	1
-14	0513006-40	Bracket - Left door post upper forward	1
	0513006-110	Bulkhead Assembly - Left door post aft	1
-15	0513006-34	Bulkhead - Left door post aft	1
-16	0513006-38	Bracket - Left door post	1
-17	AN366F1032	Nutplate - (Attach lower end of assist strap)	2
-18	AN366F1032	Nutplate - (Attach door stop)	1
-19	0513006-8	Plate - Left door splice	1
-20	0591300-3	Skin - Left door post outer	1
-21	0513006-42	Reinforcement - Left door post inboard	1
-22	0513006-25	Retainer - Headlining left	1
-23	0513006-16	Retainer - Windshield left	1
-24	0713496-1	Bracket - Stiffener LH	1
-25	AN366F1032	Nutplate - (Attach upper end of assist strap)	1
-26	0591300-2	Door Post Assembly - Fuselage right	1
	0513006-45	Bulkhead Assembly - Right door post forward	1
-27	0513006-21	Bulkhead - Right door post forward	1
-28	0513006-41	Bracket - Right door post upper forward	1
	0513006-111	Bulkhead Assembly - Right door post aft	1
-29	0513006-35	Bulkhead - Right door post aft	1
-30	0513006-39	Bracket - Right door post upper aft	1
-31	AN366F1032	Nutplate - (Attach lower end of assist strap)	2
-32	AN366F1032	Nutplate - (Attach door stop)	1
-33	0513006-22	Plate - Right door post splice	1
-34	0591300-4	Skin - Right door post outer	1
-35	0513006-43	Reinforcement - Right door post upper inboard	1
-36	0513006-26	Retainer - Headlining right	1
-37	0513006-17	Retainer - Windshield right	1
-38	0713496-2	Bracket - Stiffener RH	1
-39	AN366F1032	Nutplate - (Attach upper end of assist strap)	1
-40	0513006-11	Floorboard - Landing gear support	1
-41	0713495-53	Angle - Landing gear bulkhead splice LH	1
-42	0713495-54	Angle - Landing gear bulkhead splice RH	4
-43	NAS178-8-7	Rivet - Hi-Shear	4
-44	NAS179-8	Collar	1
-45	0510163	Bracket - Flap return fuselage lower pulley	1
	AN520-10R7	Screw - (Attach bracket)	1
	AN365-1032	Nut - (Attach bracket)	1
-46	0513006-151	Bulkhead Assembly - Landing gear support	1
	0713495-19	Bracket Assembly - Landing gear support left outboard	1
-47	0713495-3	Bracket - Landing gear support left outboard	1
-48	0713495-57	Angle - Landing gear support outboard left	2
-49	22A17-048	Nutplate - Essna	1
-50	0713495-5	Angle - Landing gear support lower outboard	1
-51	0510112	Bracket - Elevator bellcrank left	1
-52	0510112-1	Bracket - Elevator bellcrank right	1
	0713495-51	Bracket Assembly - Landing gear support left inboard	1
-53	0713495-7	Bracket - Landing gear support left inboard	1
-54	0713495-26	Angle - Landing gear support upper inboard	1
-55	0713495-18	Angle - Landing gear support lower inboard	1
-56	0713495-20	Bracket Assembly - Landing gear support right outboard	1
	0713495-4	Bracket - Landing gear support	1
	0713495-58	Angle - Landing gear support upper right outboard	2
	22A17-048	Nutplate - Essna	1
	0713495-5	Angle - Landing gear support lower outboard	1
-57	0713495-52	Bracket Assembly - Landing gear support right inboard	1
	0713495-8	Bracket - Landing gear support	1
	0713495-25	Angle - Landing gear support upper inboard	1

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
21-	0713495-18	Angle - Landing gear support lower inboard	1
-58	0713495-6	Angle - Landing gear attachment	2
-59	AN5-15A	Bolt - (Attach angles)	8
-60	AN5-7A	Bolt - (Attach angles)	12
-61	AN960-516	Washer - (Attach angles)	20
-62	AN365-524	Nut - (Attach angles)	20
	0513006-104	Bulkhead Assembly - Landing gear support forward	1
-63	0513006-9	Bulkhead - Landing gear support forward	1
-64	0513006-23	Angle - Forward bulkhead reinforcement	1
-65	AN3-5A	Bolt - (Attach angle)	4
-66	AN960-10	Washer - (Attach angle)	4
-67	AN365-1032	Nut - (Attach angle)	4
-68	0510110	Bracket - Control pulley	2
-69	AN3-4A	Bolt - (Attach pulley bracket)	2
-70	AN365-1032	Nut - (Attach pulley bracket)	2
-71	0713495-15	Plate - Forward bulkhead left reinforcement	1
	0713495-16	Plate - Forward bulkhead right reinforcement	1
-72	0513006-61	Doubler	1
-73	0513006-62	Doubler	1
-74	0713495-11	Stiffener - Bulkhead forward left	1
	0713495-12	Stiffener - Bulkhead forward right	1
	0513006-105	Bulkhead Assembly - Landing gear support aft	1
-75	0513006-103	Bulkhead - Landing gear support aft	1
-76	0513006-24	Angle - Aft bulkhead reinforcement	1
-77	AN3-5A	Bolt - (Attach angle)	2
-78	AN960-10	Washer - (Attach angle)	2
-79	AN365-1032	Nut - (Attach angle)	2
-80	0713495-13	Plate - Aft bulkhead reinforcement left	1
	0713495-14	Plate - Aft bulkhead reinforcement right	1
-81	0513006-61	Doubler	1
-82	0513006-62	Doubler	1
-83	0713495-9	Stiffener - Bulkhead aft left	1
	0713495-10	Stiffener - Bulkhead aft right	1
-84	0713495-55	Spacer - Wing strut fitting forward	4
-85	0713495-17	Plate - Wing strut fitting	2
-86	0713497-1	Bracket Assembly - Forward elevator stop	1
-87	0431141-1	Bolt	1
-88	NAS178-8-7	Rivet - (Hi-Shear)	2
-89	NAS179-8	Collar	2
-90	NAS178-10-6	Rivet - (Hi Shear)	4
-91	NAS179-10	Collar	4
-92	AN960-516L	Washer	2
-93	AN5-6A	Bolt	4
	AN960-516L	Washer	4
	AN365-524	Nut	4
-94	AN6-6A	Bolt	10
	AN960-616L	Washer	10
	AN365-624	Nut	10
-95	AN5-7A	Bolt	20
	AN960-516	Washer	20
	AN365-524	Nut	20
-96	AN6-10A	Bolt	2
	AN960-616	Washer	2
	AN365-624	Nut	2
-97	AN6-7A	Bolt	8
	AN960-616	Washer	8
	AN365-624	Nut	8

ILLUSTRATED PARTS CATALOG

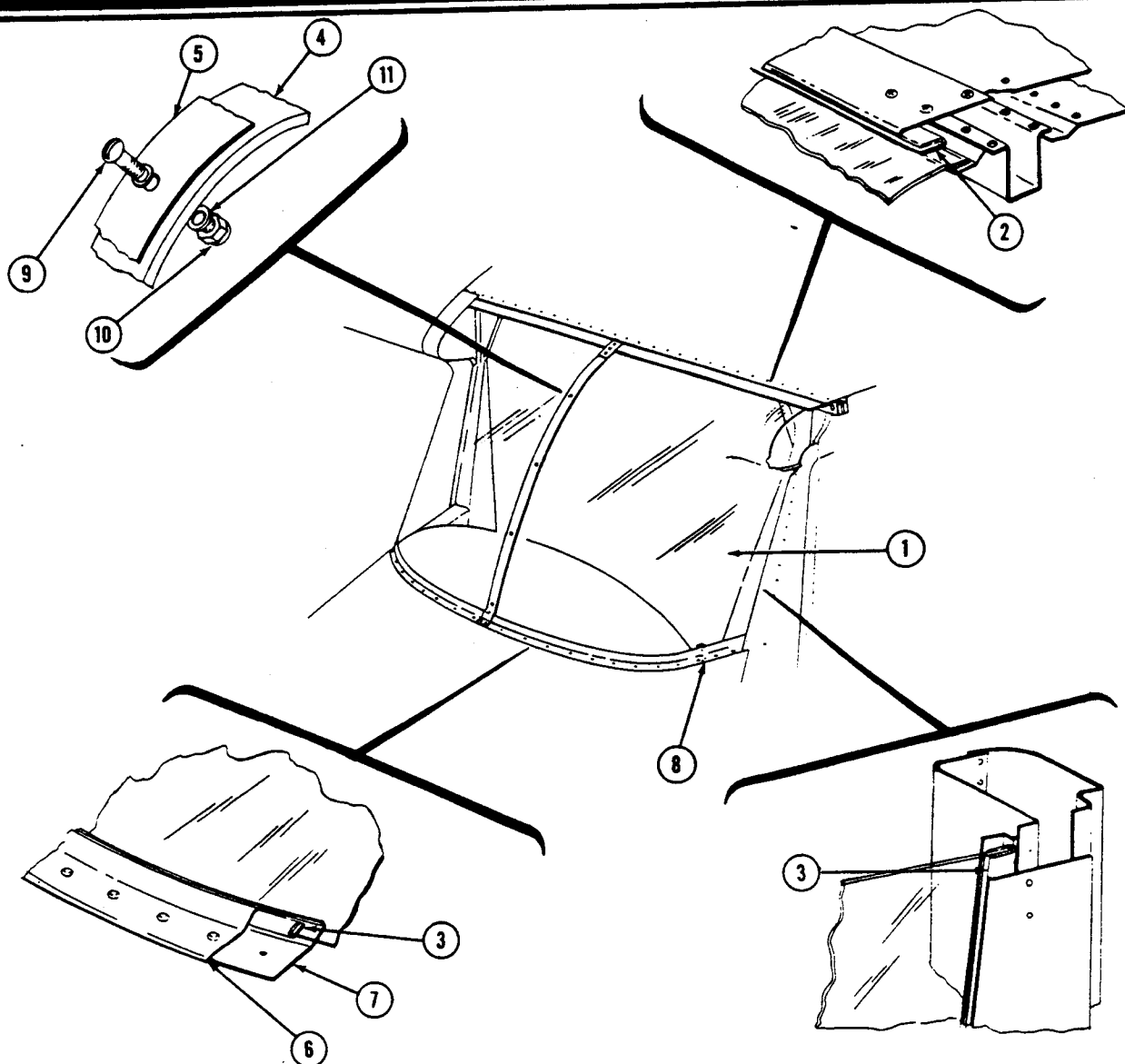


FIGURE 22. WINDSHIELD INSTALLATION

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
22-	No Number	Windshield Installation - (See figure 17 for NHA)	Ref
-1	0510000-26	Windshield Assembly - (Serial 20267 thru 26995) (when exhausted use 0510001-5)	1
	0510001-5	Windshield Assembly - (Serial 26996 & on)	1
-2	0510000-5	Pad - Windshield upper	1
-3	0510000-4	Pad - Windshield side & lower	1
-4	0510000-16	Strip - Windshield inside center (serial 20267 thru 26995)	1
	0510001-4	Strip - Windshield inside center (serial 26996 & on)	1
-5	Deleted		
	0510001-7	Strip - Windshield outside center	1
-6	0510000-21	Strip - Windshield lower outer	1
-7	0510000-22	Strip - Windshield lower inner	2
-8	0510000-9	Clip - Fairing retainer	4
-9	AN526-1032R10	Screw - (Attach windshield center strips)	4
-10	22-NKM-10-3	Nut - (Attach windshield center strips)	8
-11	0311001-27	Washer - (Attach windshield center strips)	

* ORDER BY PART NUMBER AND NAME SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

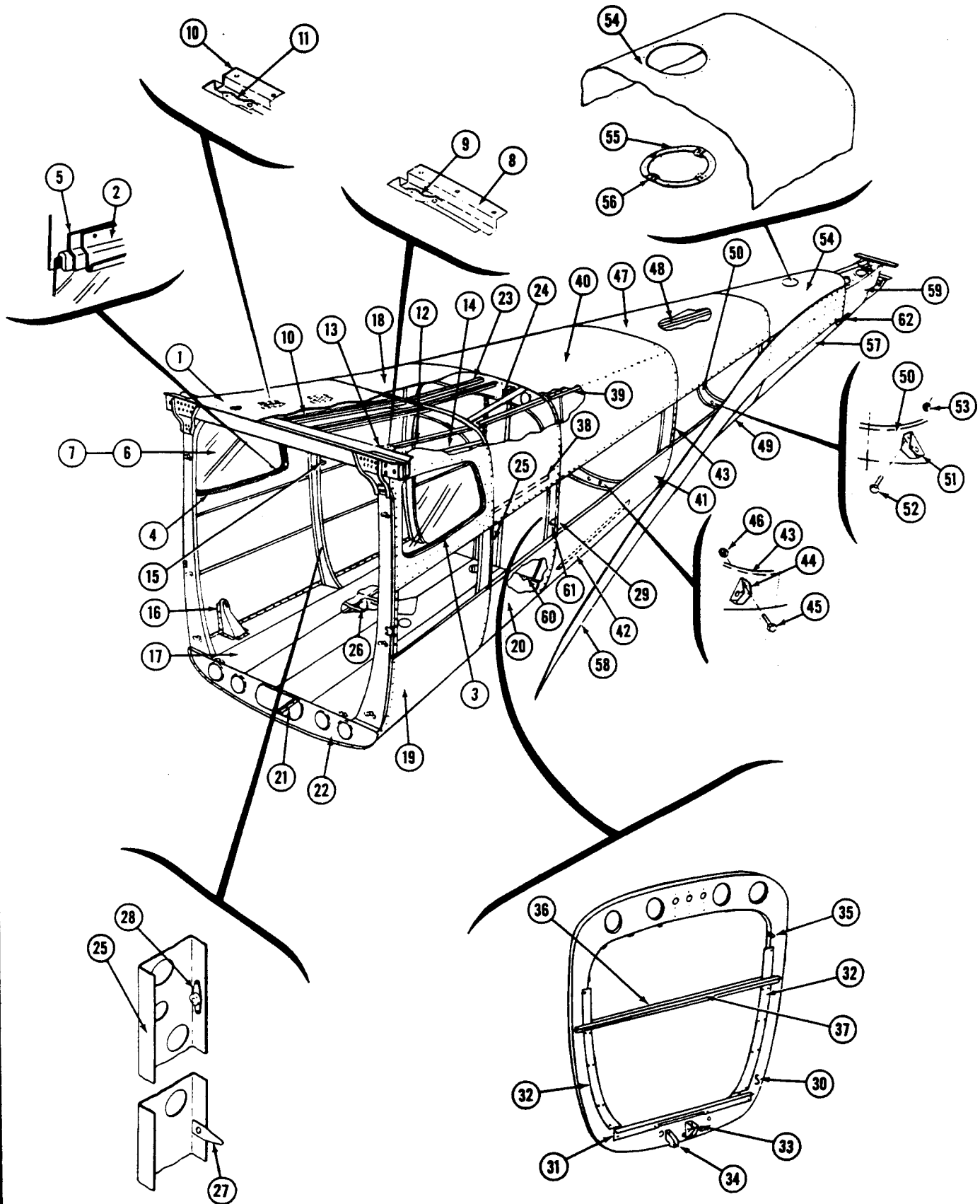


FIGURE 23. FUSELAGE AFT SECTION ASSEMBLY

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
23-	0591200-1	Aft Section Assembly - Fuselage (serial 20267 thru 26995) (see figure 17 for NHA)	Ref
	0591200-6	Aft Section Assembly - Fuselage (serial 26996 & on) (see figure 17 for NHA)	Ref
-1	0591200-56	Skin Assembly - Aft section upper (Sta. 65.33 to 90.00) (serial 20267 thru 26504)	1
	0591200-2	Skin Assembly - Aft section upper (Sta. 65.33 to 90.00) (serial 26505 & on)	1
-2	0511138	Retainer - Window interior trim upper left (serial 20267 thru 26504)	1
	0512155-5	Retainer - Window interior trim upper left (serial 26505 & on)	1
	0511138	Retainer - Window interior trim upper right (serial 20267 thru 26504)	1
	0512155-6	Retainer - Window interior trim upper right (serial 26505 & on)	1
-3	0511143-6	Retainer - Window interior trim left (serial 20267 thru 26504)	1
	0512155-3	Retainer - Window interior trim left (serial 26505 & on)	1
-4	0511143-5	Retainer - Window interior trim right (serial 20267 thru 26504)	1
	0512155-4	Retainer - Window interior trim right (serial 26505 & on)	1
-5	0512147	Frame - Window (serial 20267 thru 26504)	2
	0512155-1	Frame - Window left (serial 26505 & on)	1
	0512155-2	Frame - Window right (serial 26505 & on)	1
-6	0512000-54	Window Assembly - Aft section (serial 20267 thru 26504)	2
	0591200-3	Window Assembly - Aft section (serial 26505 & on)	2
-7	5279	Moulding - Aft section window	1
-8	0411718-2	Stiffener Assembly - Cabin top	2
-9	0411680	Hanger - Upholstery	2
-10	0512000-66	Bracket Assembly - Headliner wires attaching	4
-11	0411680	Hanger - Upholstery	1
-12	0512145	Angle - Top stiffener left inboard	1
	0512145-1	Angle - Top stiffener right inboard	1
-13	0512151	Clip - (Attach angle)	2
-14	0512000-38	Angle - Top stiffener left outboard	1
	0512000-39	Angle - Top stiffener right outboard	1
-15	0511108-18	Catch - Rear seat back left (serial 20267 thru 26504)	1
	0511108-19	Catch - Rear seat back right (serial 20267 thru 26504)	1
	0511108-18	Catch - Rear seat back left (serial 26505 thru 26995)	1
	0511108-19	Catch - Rear seat back right (serial 26505 thru 26995)	1
	0511285-3	Bulkhead Assembly - Rear seat catch left (serial 26996 & on)	1
	0511285-4	Bulkhead Assembly - Rear seat catch right (serial 26996 & on)	1
	AN366F1032	Nutplate	4
-16	0511108-16	Bracket Assembly - Rear seat attachment	2
-17	0512107-32	Floorboard Assembly - Fuselage rear	1
-18	0512000-73	Skin - Aft section fuselage upper (Sta. 90.00 to 108.00)	1
-19	0512000-5	Skin - Aft section fuselage lower (Sta. 65.33 to 90.00)	1
-20	0512000-7	Skin - Aft section fuselage lower (Sta. 90.00 to 108.00)	1
-21	0512000-20	Angle - Fuselage reinforcement (Sta. 65.33 to 90.00)	1
-22	0791100-5	Bulkhead Assembly - Fuselage aft section (Sta. 65.33) (see figure 24 for breakdown)	1
-23	0512000-18	Stiffener - Aft section skin upper	3
-24	0511232-4	Strap - Shoulder harness reinforcement	2
-25	0512113	Bulkhead Assembly - Fuselage aft section (Sta. 90.00)	1
-26	0512113-7	Angle - Reinforcement	1
-27	0511176	Clip - Upholstery retaining	4
-28	AN366F1032	Nutplate	1
-29	0512121	Bulkhead Assembly - Fuselage aft section (Sta. 108.00)	1
-30	0512121-3	Bulkhead - Fuselage aft section (Sta. 108.00)	1
-31	0511149-1	Retainer - Lower interior trim	1
-32	0512121-4	Plate	2
-33	0510164	Pulley Bracket - Elevator	1
-34	0412467	Pulley Bracket - Elevator tab	1
-35	0511132	Clip - Baggage compartment upholstery	9
-36	0512148	Angle - Baggage shelf	1
-37	0511145	Support Assembly - Interior trim	1
-38	0511146	Retainer Assembly - Upholstery	2
-39	0512000-19	Stiffener - Aft section upper skin	3
-40	0512000-8	Skin - Aft section upper (Sta. 108.00 to 140.00)	1
-41	0512000-9	Skin - Aft section lower (Sta. 108.00 to 140.00)	1
-42	0511030-5	Angle - Radio Installation (left side only) (serial 25373 & on)	1
-43	0512111	Bulkhead Assembly - Fuselage aft section (Sta. 140.00)	1
-44	0510106	Bracket - Rudder cable pulley left	1
-45	AN520-10R7	Screw - (Attach pulley bracket)	1
-46	AN365-428	Nut - (Attach pulley bracket)	1
-47	0512000-27	Skin - Aft section fuselage upper (Sta. 140.00 to 172.00)	1
-48	0512000-70	Angle Assembly - Dorsal fin attaching	1
	AN362F1032	Nutplate - (Attach dorsal fin)	1

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
23-49	0512000-28	. Skin - Aft section fuselage lower (Sta. 140.00 to 172.00)	1
-50	0512110	. Bulkhead Assembly - Aft section fuselage (Sta. 172.00)	1
-51	0510106-1	. Bracket - Rudder cable pulley left	1
-52	AN520-10R7	. Screw - (Attach pulley bracket)	1
-53	AN365-428	. Nut - (Attach pulley bracket)	1
-54	0512000-72	. Skin Assembly - Aft section fuselage upper (Sta. 172.00 to 205.812)	1
-55	0511000-20	. Doubler	1
-56	NAS395-14-3	. Nut - (Tinnerman #A1274-8Z-3)	3
-57	0512000-30	. Skin - Aft section fuselage lower (Sta. 172.00 to 205.812)	1
-58	0512000-26	. Plate - Fuselage splice	2
-59	0591200-4	. Tailcone Assembly - Fuselage (Sta. 205.812 to 228.687) (see figure 25 for breakdown)	1
-60	AN366F428	. Nutplate	2
-61	0413181-1	. Clip - Skin stiffener	8
-62	0831000-43	. Cover - Tailwheel control cable	2

NOTE: When ordering 0591200-1 aft section for airplanes with old style tail gear (see figure 28), also order parts marked "*" on figure 29.

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ILLUSTRATED PARTS CATALOG

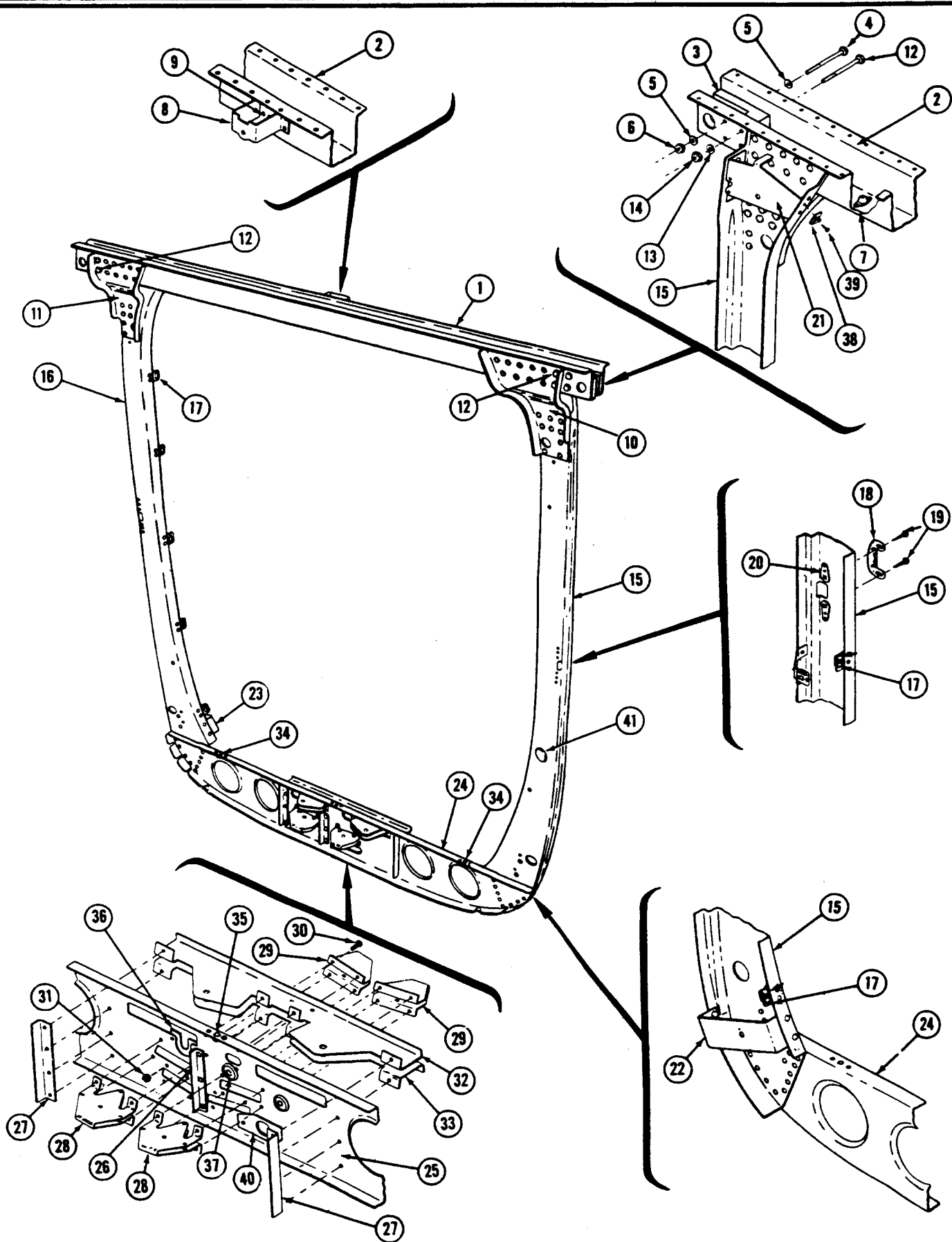


FIGURE 24. FUSELAGE BULKHEAD ASSEMBLY (STATION 65.33)

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
24-	0791100-5	Bulkhead Assembly - Fuselage (Sta. 65.33)(see figure 18 & 23 for NHA)	Ref
-1	0512124-51	Spar Assembly - Fuselage rear	1
-2	0512124-6	Spar - Fuselage rear	1
-3	0512122	Block - Bearing	2
-4	AN3-20A	Bolt - (Attach block)(outboard only)	4
-5	AN960-10	Washer - (Attach block)	8
-6	AN365-1032	Nut - (Attach block)	4
-7	AN366F1032	Nutplate - (Attach shoulder harness)	2
-8	0512137	Bracket - Pulley	1
-9	AN366F1032	Nutplate - (Attach pulley)	1
-10	0512124-8	Brace - Bulkhead to rear spar left	1
-11	0512124-9	Brace - Bulkhead to rear spar right	1
-12	AN3-20A	Bolt - (Attach block)(inboard only)	4
-13	AN960-10	Washer - (Attach block)	4
-14	AN365-1032	Nut - (Attach block)	4
	0791100-8	Channel Assembly - Left	1
	0512124-12	Channel Assembly - Right	1
-15	0512124-19	Channel - Left	1
-16	0512124-20	Channel - Right	1
-17	0512150	Clip - Upholstery fairing attaching	5
-18	0411582	Strike Plate - Door latch	1
-19	AN526-832R8	Screw - (Attach strike plate)	2
-20	22A17A-82	Nutplate - (Esna) (Attach strike plate)	2
-21	0512139	Bracket - Aileron upper left pulley	1
	0512139-1	Bracket - Aileron upper right pulley	1
-22	0512134	Bracket - Left pulley	1
-23	0512134-1	Bracket - Right pulley	1
-24	0512124-13	Bulkhead Assembly - Lower	1
-25	0512133	Bulkhead - Lower	1
-26	0512124-5	Angle - Bulkhead center reinforcement	1
-27	0512124-7	Angle - Bulkhead reinforcement	2
-28	0512128	Bracket - Flap pulley	2
-29	0512129	Bracket - Flap return pulley	2
-30	AN520-10R7	Screw - (Attach pulley bracket)	8
-31	AN365-1032	Nut - (Attach pulley bracket)	8
-32	0512132	Bracket Assembly - Aileron pulley upper	1
	0512132-4	Fairlead	1
-33	0512132-1	Bracket Assembly - Aileron pulley lower	1
	0512132-4	Fairlead	1
	0512132-5	Fairlead	1
-34	AN366F428	Nutplate	2
-35	AN366F1032	Nutplate	1
-36	0512152	Fairlead	1
-37	0412006	Fairlead	2
-38	A2980A-2-27	Clamp - (Tinnerman)	1
-39	PK76XZ-4-6	Screw - (Attach clamp)	1
-40	0512124-15	Fairlead	1
-41	51149	Plug Button (United Carr)	1

ILLUSTRATED PARTS CATALOG

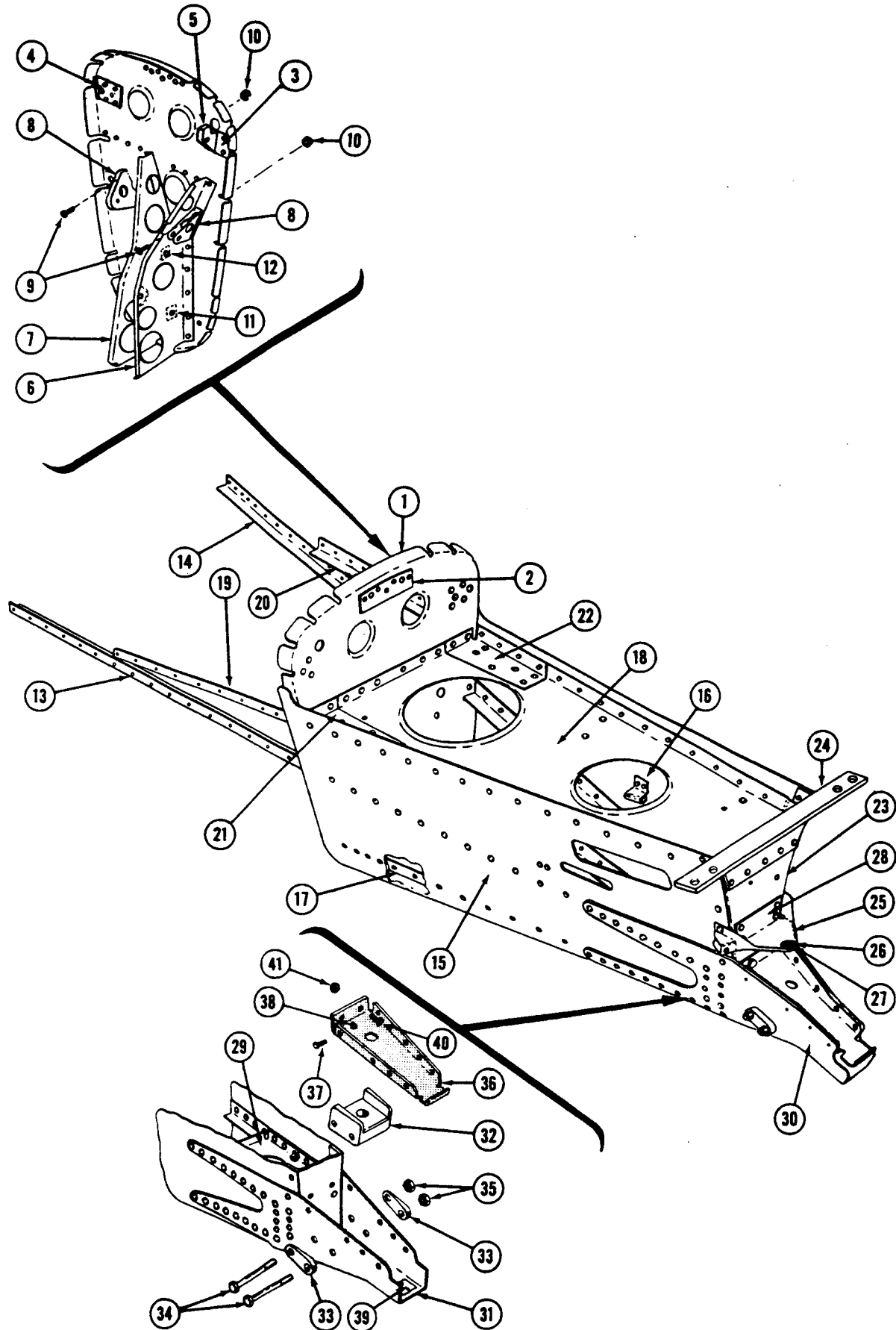


FIGURE 25. TAIL CONE ASSEMBLY

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
25-	0591200-4	Tailcone Assembly - Fuselage (Sta. 205.812 to 228.687) (see figure 23 for NHA)	Ref
-1	0512141-1	Bulkhead Assembly - Fuselage aft section (Sta. 205.812)	1
-2	0512142-1	Doubler - Bulkhead reinforcement	1
-3	0512143	Doubler - Bulkhead reinforcement left	1
-4	0512143-1	Doubler - Bulkhead reinforcement right	1
-5	0412487	Bracket - Trim tab pulley	1
-6	0510142	Bracket - Elevator bellcrank support left	1
-7	0510143	Bracket - Elevator bellcrank support right	1
-8	0411447	Bracket - Rudder control pulley	2
-9	AN520-10R7	Bolt - (Attach rudder pulley bracket)	2
-10	AN365-1032	Nut - (Attach rudder pulley bracket)	2
-11	0510146-2	Stop - Elevator bellcrank lower	1
	AN4-12A	Bolt - (Attach lower elevator bellcrank stop)	1
	AN365-428	Nut - (Attach lower elevator bellcrank stop)	1
-12	0510146-2	Stop - Elevator bellcrank upper	1
	AN4-11A	Bolt - (Attach upper elevator bellcrank stop)	1
	AN365-428	Nut - (Attach upper elevator bellcrank stop)	1
-13	0512119	Angle - Tailcone reinforcement upper left	1
-14	0512119-1	Angle - Tailcone reinforcement upper right	1
-15	0512000-80	Skin - Aft section fuselage lower (Sta. 205.812 to 228.687)	1
-16	0412142	Bracket - Rudder cable fairlead	2
-17	0512117	Angle - Tailcone reinforcement lower left	1
	0512117-1	Angle - Tailcone reinforcement lower right	1
	0512118-10	Bulkhead Assembly - Horizontal	1
-18	0512118-7	Bulkhead - Horizontal	1
-19	0512118-5	Angle - Bulkhead reinforcement left	1
-20	0512118-6	Angle - Bulkhead reinforcement right	1
-21	0512118-9	Doubler - Bulkhead reinforcement left	1
-22	0512118-8	Doubler - Bulkhead reinforcement right	1
	0512108	Bulkhead Assembly - Fuselage aft section (Sta. 228.687)	1
-23	0512108-3	Bulkhead - Fuselage aft section (Sta. 228.687)	1
-24	0512108-5	Angle - Stabilizer attachment	1
-25	0510109	Hinge - Rudder	1
-26	A-325-1	Bearing - Oilite	1
-27	0431119	Bushing - Rudder hinge	1
-28	0512000-60	Shim - Rudder hinge	1
-29	0512126	Bracket - Tailwheel mounting shear	1
-30	0512000-75	Bracket Assembly - Tailwheel mounting	1
-31	0512154-1	Bracket - Tailwheel mounting	1
-32	0510000-35	Block - Tailwheel spring retainer	1
-33	0510000-34	Spacer - Tailwheel bracket wedge	2
-34	AN4-30A	Bolt - (Attach block and spacers)	2
-35	AN365-428	Nut - Self locking (attach block and spacers)	2
-36	0510000-31	Channel - Tailwheel spring retainer	1
-37	AN3-4A	Bolt - (Attach channel)	2
-38	AN365-1032	Nut - Self-locking (attach channel)	2
-39	0512000-76	Spacer	2
-40	AN3-4A	Bolt - (Attach bracket)	2
-41	AN365-1032	Nut - (Attach bracket)	2

NOTE: When ordering 0591200-4 tailcone for airplane with old style tail gear (see figure 28), also order parts marked "*" on figure 29.

ILLUSTRATED PARTS CATALOG

WHEEL ALIGNMENT SHIM CHART

SHIM PART NO.	POSITION OF THICKEST CORNER OF SHIM	CORRECTION IMPOSED ON WHEEL			
		TOE-IN	TOE-OUT	POS. CAMBER	NEG. CAMBER
0541111-2	UP & FORWARD	—	0°43' (.09)	3° (.39)	—
	UP & AFT	2°14' (.28)	—	2°9' (.28)	—
	DOWN & FORWARD	—	2°14' (.28)	—	2°9' (.28)
	DOWN & AFT	0°43' (.09)	—	—	3° (.39)
0441139-5	UP & FORWARD	—	0°49' (.10)	0°34' (.07)	—
	UP & AFT	1° (.125)	—	0°	0°
	DOWN & FORWARD	—	1° (.125)	0°	0°
	DOWN & AFT	0°49' (.10)	—	—	0°34' (.07)
0441139-6	UP & FORWARD	—	1°38' (.20)	1°8' (.15)	—
	UP & AFT	2° (.25)	—	0°	0°
	DOWN & FORWARD	—	2° (.25)	0°	0°
	DOWN & AFT	1°38' (.20)	—	—	1°8' (.15)

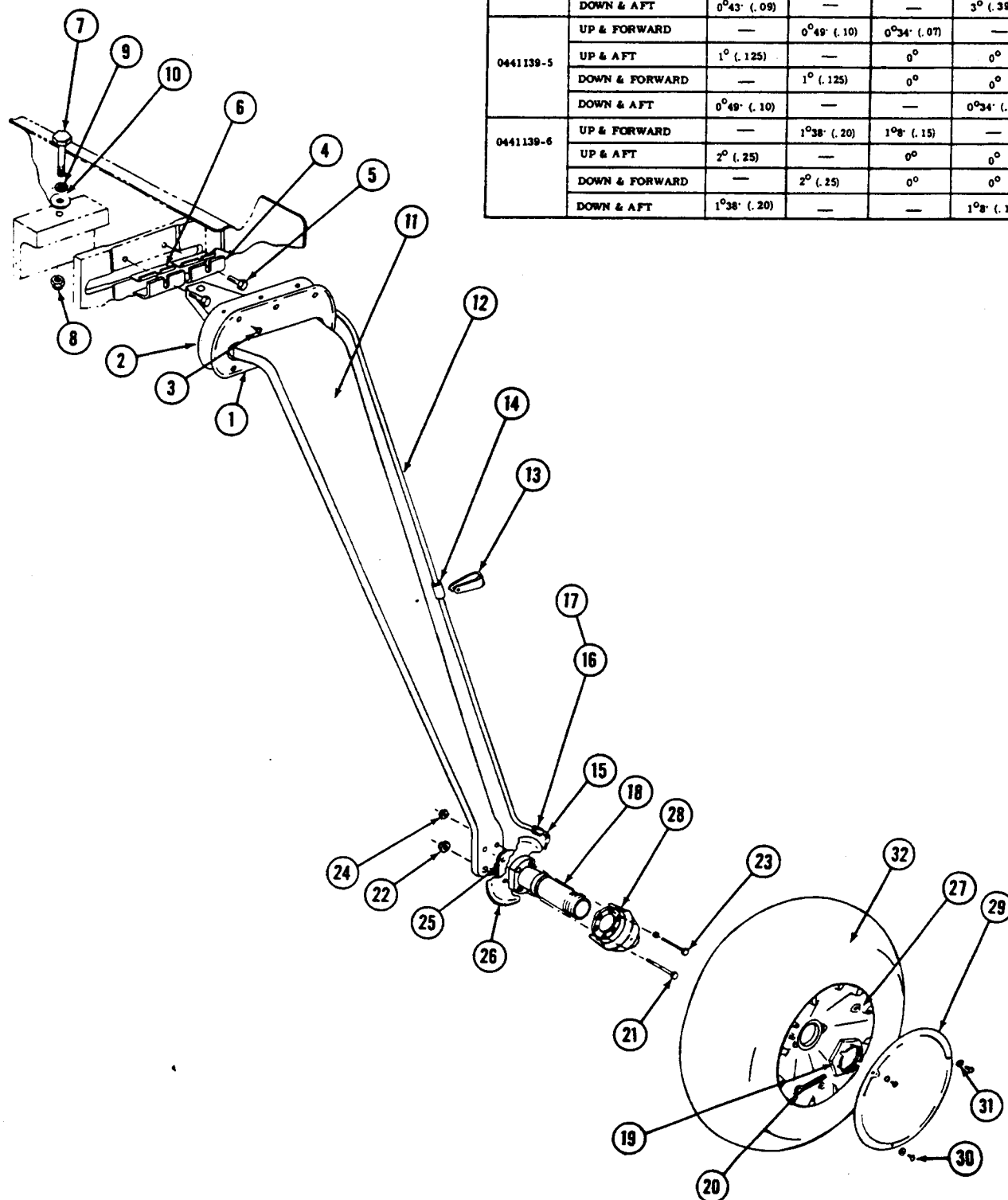


FIGURE 26. MAIN LANDING GEAR INSTALLATION

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASSY
26-	No Number	Main Landing Gear Installation - (See figure 1 for NHA)(0541103 Ref.)	Ref
-1	0511124	Plate - Landing gear fillet	2
-2	0511125	Seal - Landing gear fillet	2
-3	PK76XZ-8-8	Screw - (Attach plate)	14
-4	0441115	Wedge - Landing gear support	4
-5	AN4-11A	Bolt - (Attach wedge)	4
-6	0741007	Shim - Spring alignment	AR
-7	AN7-20A	Bolt - (Attach landing gear at fuselage)	2
-8	AN365-720C	Nut - (Attach landing gear at fuselage)	2
-9	AN960-716	Washer - (Attach landing gear at fuselage)	AR
-10	0541105	Shim - Wing adjustment (Landing gear attachment)	AR
-11	0541114	Spring - Landing gear (serial 20267 thru 25611)	2
	0541118-3	Spring - Landing gear LH (serial 25612 & on)	1
	0541118-2	Spring - Landing gear RH (serial 25612 & on)	1
-12	0500106-10	Line - Brake LH	1
	0500106-11	Line - Brake RH	1
-13	0541136	Bracket - Brake line retainer (serial 20267 thru 25372)	2
	0741000-7	Bracket - Brake line retainer (serial 25373 & on)	2
-14	0341115	Hose - Brake line protector (serial 20267 thru 25372)	2
	0441119	Hose - Brake line protector (serial 25373 & on)	2
-15	AN833-4D	Elbow	2
-16	AN924-4D	Nut - (Attach elbow)	2
-17	AN902-4	Gasket - (Attach elbow)	2
-18	0541124	Axle - Landing gear	2
	0541124-1	Axle - Landing gear (Optional equipment for ski plane)	2
-19	AN7502-24	Nut - Axle	2
-20	AN380-4-3	Pin - Cotter	4
-21	AN6-24A	Bolt - Lower (attach axle to spring)	4
	NAS146-42	Bolt - Lower (attach axle to spring)(optional for ski plane)	4
-22	AN365-624C	Nut - Lower (attach axle to spring)	4
	AN365-624C	Nut - Lower (attach axle to spring)(optional for ski plane)	4
-23	AN5-23A	Bolt - Upper (attach axle to spring)	4
	NAS145-41	Bolt - Upper (attach axle to spring)(optional for ski plane)	4
	NAS143-5C	Washer - Upper (attach axle to spring)(optional for ski plane)	4
-24	AN365-524C	Nut - Upper (attach axle to spring)	4
	NAS365-524C	Nut - Upper (attach axle to spring)(optional for ski plane)	4
-25	0541111-2	Shim - Landing gear	AR
	0441139-5	Shim - Landing gear	AR
	0441139-6	Shim - Landing gear	AR
-26	0441141	Cover - Brake disc LH	1
	0441141-1	Cover - Brake disc RH	1
-27	0441016-1	Wheel Assembly - (See figure 27 for breakdown)	2
-28	0541103-52	Brake Assy - Complete (see figure 27 for breakdown)	2
-29	0441010	Fairing - Wheel (serial 20267 thru 26504)	2
	0541119	Fairing - Wheel (serial 26505 & on)	2
-30	AN515-6R4	Screw - (Attach fairing)	6
-31	AN936A-6	Washer	6
-32	0441018-12	Tire - 600 x 6 4-Ply	2
	0441016-13	Tube	2

* If wing tips are more than 3 inches out of level
adjust by inserting or removing shims under
landing gear spring.

ILLUSTRATED PARTS CATALOG

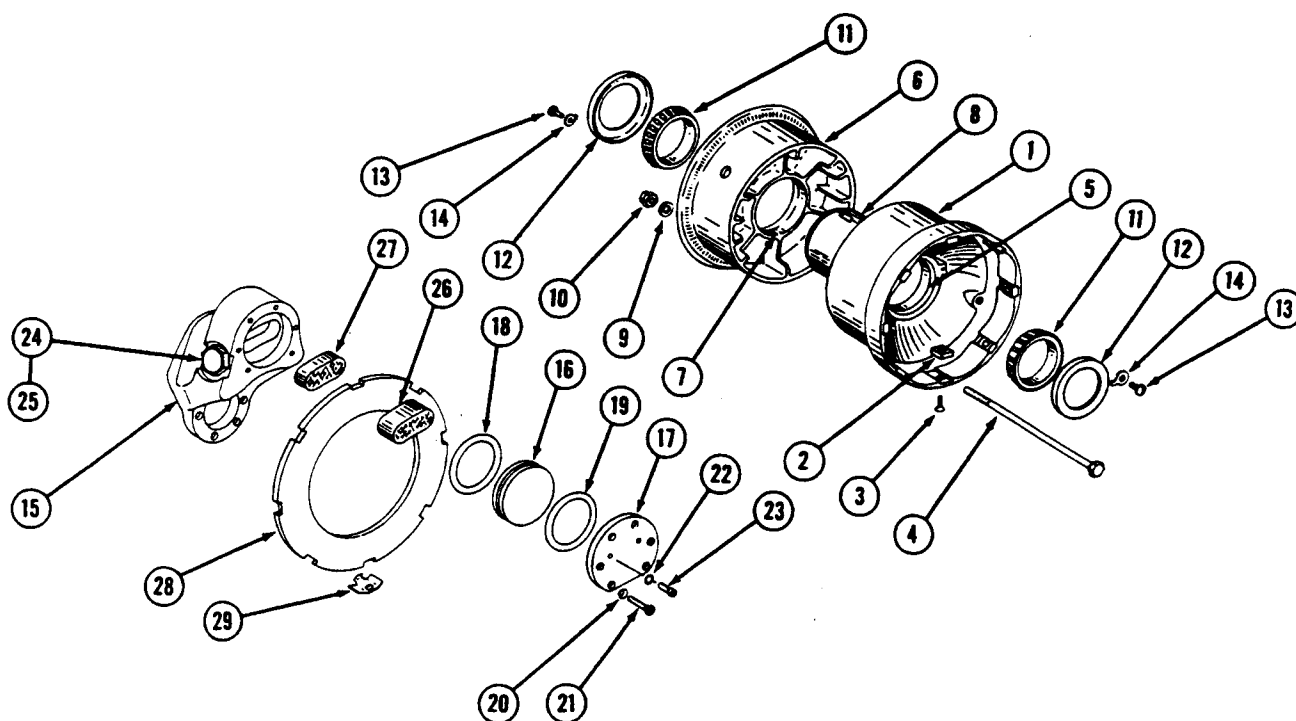


FIGURE 27. WHEEL AND BRAKE ASSEMBLIES

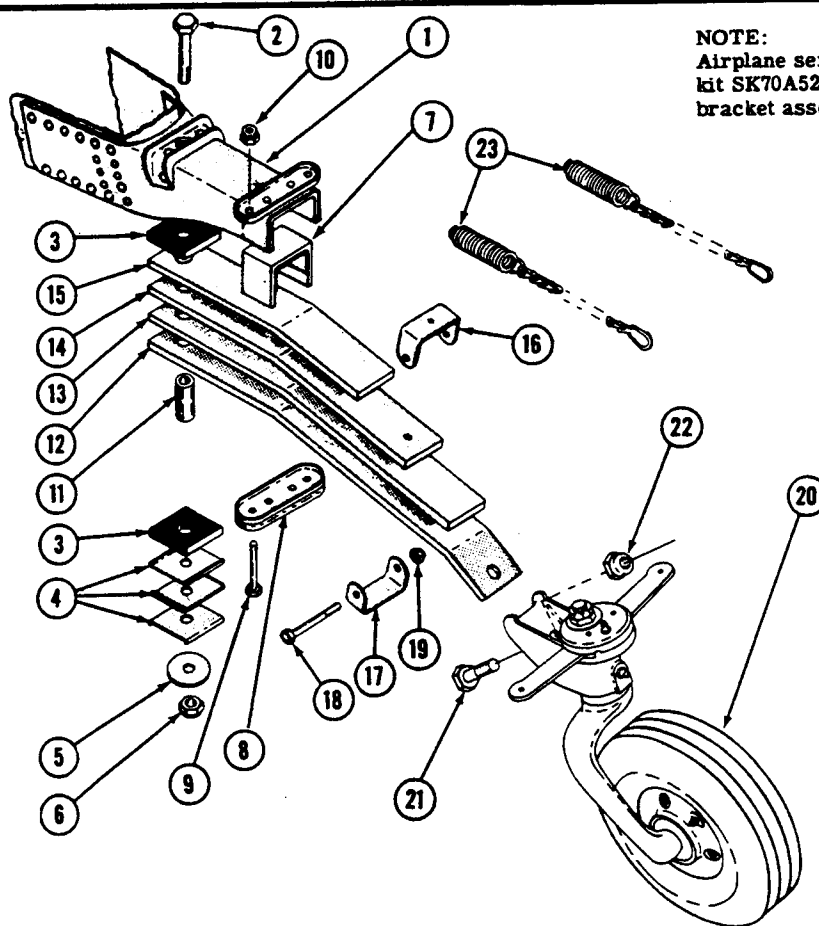
FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
27-	0441016-1	Wheel Assembly - Main landing gear (GY511960S) (see figure 26 for NHA)	Ref
-1	0441016-2 *	Wheel Sub-assembly - Inboard half (GY 95-3474S)	1
-2	0441016-4	Key - Disc drive (GY 95 20101)	8
-3	0441016-5	Screw - Disc drive (GY 95 20657)	8
-4	AN4-47A	Bolt	3
-5	0441016-6	Cup - (Timken 13830)	1
-6	0441016-7	Wheel Sub-assembly - Outboard half (GY 95-2313S)	1
-7	0441016-6	Cup - (Timken 13830)	1
-8	0441016-25	Spacer - Hub (GY 95 21698)	1
-9	AN960-416L	Washer - Plain	1
-10	AN365-428	Nut - Self-locking	3
-11	0441016-9	Cone - Bearing (Timken 13889)	3
-12	0441016-10	Ring - Bearing retainer (GY 95-1043)	2
-13	0441016-15	Screw	2
-14	0441016-11	Terminal - (GY 95-2243)	4
-15	0541103-52	Brake Assembly - (See figure 26 for NHA)	4
-15	0541103-50	Housing Assembly	Ref
-15	0541103-16	Bushing -	1
-16	0541116-34	Piston - (GY 95-10155)	3
-17	0541117-4	Cylinder Head - (GY 95-10731)	1
-18	AN6230-3	Seal - (Piston "O" ring)	1
-19	AN6230-2	Seal - (Cylinder head)	1
-20	AN936C10	Washer	1
-21	95-5163	Screw - #10-24NC x 7/8	6
-22	0541118-36	Seal - Bleeder (GY 95-10957)	6
-23	AN505-8R5	Screw - Bleeder (GY 95-5195)	2
-24	0441015-8	Plug - Inlet (GY 95-20448)	2
-25	AN902-4	Gasket - Inlet (GY 95-5761)	1
-26	0541116-32	Lining - Piston side (GY 95-11269)	2
-27	0541116-30	Lining - Stationary (GY 95-11271)	1
-28	0541117-11	Disc - Brake (GY 95-30287)	1
-29	0541117-12	Clip - Brake disc (GY 95-20403)	1
			4

* (GY Indicates Goodvear Tire & Rubber Co.)

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

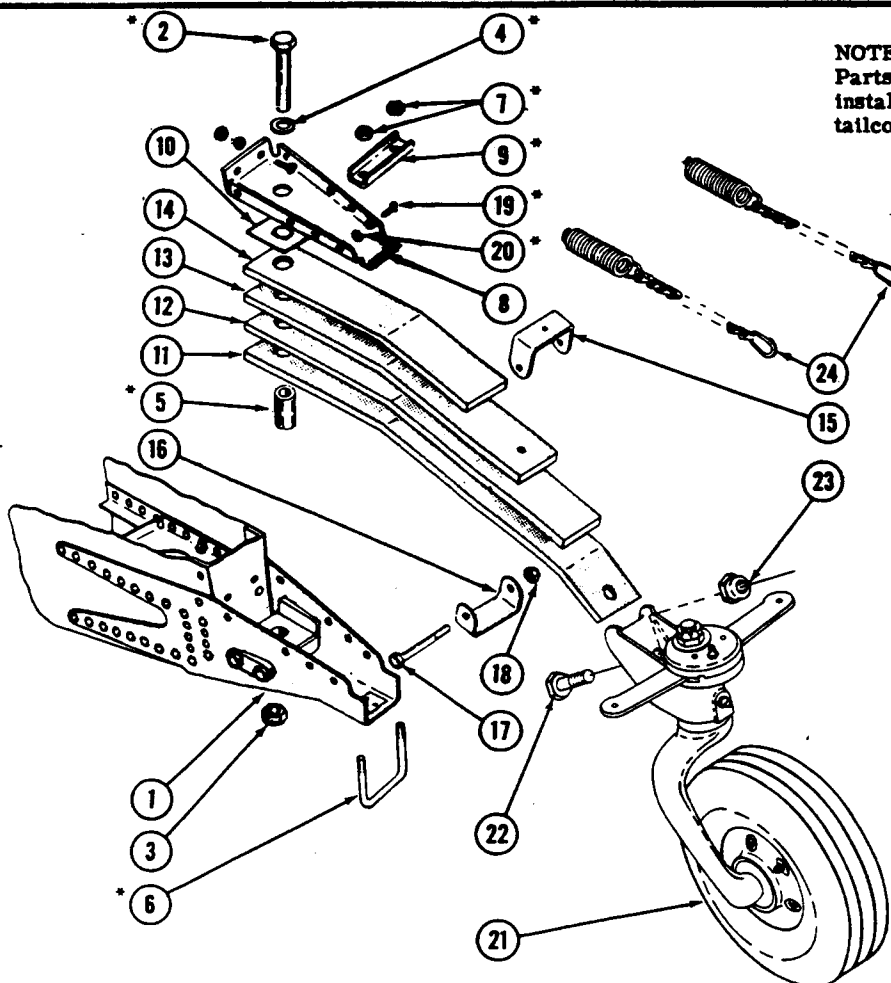


NOTE:
Airplane serial 20267 thru 20805 order
kit SK70A52-4 in lieu of 0512125-1
bracket assembly.

FIGURE 28. TAILWHEEL INSTALLATION (SERIALS 20267 THRU 20805)

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
28-	No Number	Tailwheel Installation - (Serial 20267 thru 20805) (see figure 1 for NHA)	Ref
-1	0512125-1	Bracket Assembly - (Not available for spares)	1
-2	AN6-23A	Bolt - (Attach springs to tailwheel mounting bracket)	2
-3	0442119-1	Pad - Tailwheel attachment (rubber)	3
-4	0442116-1	Retainer - Tailwheel attachment	1
-5	0442128	Washer - Tailwheel attachment	1
-6	AN365-624	Nut - Self-locking	1
-7	0442124	Strip Assembly - Tailwheel abrasion	1
-8	0442127	Stiffener Assembly - Tailwheel attachments	1
-9	AN3-20A	Bolt - (Attach stiffener assembly)	2
-10	AN365-1032	Nut - (Attach stiffener assembly)	2
-11	0442129-1	Bushing - Tailwheel attachment	1
-12	0542106	Leaf - Tailwheel spring	1
-13	0542105	Leaf - Tailwheel spring	1
-14	0442108-2	Leaf - Tailwheel spring	1
-15	0442109-2	Leaf - Tailwheel spring	1
-16	0542108	Shackle - Tailwheel spring	1
-17	0442125	Guard - Tailwheel steering chain	1
-18	AN4-21A	Bolt - (Attach guard)	1
-19	AN365-428	Nut - (Attach guard)	1
-20	0442006	Tailwheel Assembly - (See figure 30 for breakdown)	1
-21	AN7-10A	Bolt - (Attach tailwheel assembly to springs)	1
-22	AN365-720	Nut - (Attach tailwheel assembly to springs)	1
-23	0442008	Spring and connector assembly - (Scott #2151)	2

ILLUSTRATED PARTS CATALOG



NOTE:

Parts marked "*" are necessary to install old style tail gear in 0591200-4 tailcone and 0591200-1 aft section

FIGURE 29. TAILWHEEL INSTALLATION (SERIALS 20806 AND ON)

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASSY
29-	No Number	Tailwheel Installation - (Serial 20806 & on) (see figure 1 for NHA)	Ref
-1	0512000-75	Bracket Assembly - Tailwheel mounting (see figure 25 for NHA)	Ref
-2	AN6-22A *	Bolt - (Attach springs & channel to bracket)	1
-3	AN365-624	Nut - (Self-locking) (attach springs & channel to bracket)	1
-4	AN960-616 *	Washer - (Attach springs and channel to bracket)	1
-5	0510000-36 *	Bushing - Tailwheel attachment	1
-6	0510000-32 *	U-Bolt - (Attach springs)	1
-7	AN365-428 *	Nut - (Attach U-bolt)	2
-8	0510000-31	Channel - Tail wheel spring retainer (see figure 25 for NHA)	Ref
-9	0510000-33 *	Stiffener - (Attach channel)	1
-10	0510000-30	Shim	1
-11	0542106	Leaf - Tailwheel spring	1
-12	0542105	Leaf - Tailwheel spring	1
-13	0442108-2	Leaf - Tailwheel spring	1
-14	0442109-2	Leaf - Tailwheel spring	1
-15	0542108	Shackle - Spring	1
-16	0442125	Guard - Tailwheel steering chain	1
-17	AN4-21A	Bolt - (Attach shackle)	1
-18	AN365-428	Nut - (Attach shackle)	1
-19	AN3-4A *	Bolt - (Attach channel to bracket)	6
-20	AN365-1032 *	Nut - (Attach channel to bracket)	6
-21	0442006	Tailwheel Assembly - (See figure 30 for breakdown)	1
-22	AN7-10A	Bolt - (Attach tailwheel assembly to springs)	1
-23	AN365-720	Nut - (Attach tailwheel assembly to springs)	1
-24	0442008	Spring and Connector Assembly - Tailwheel (serial 20806 thru 26504)	2

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

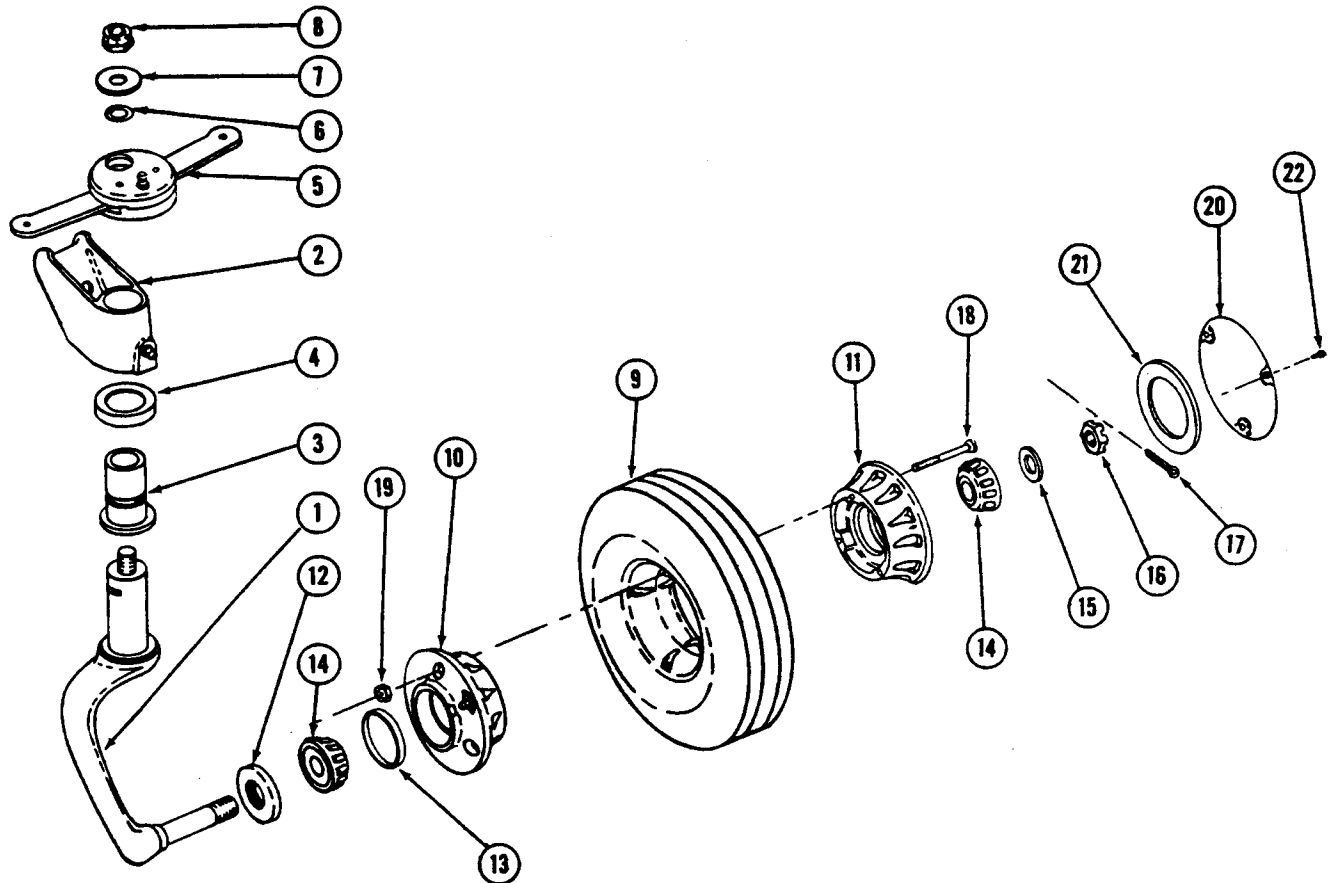


FIGURE 30. TAILWHEEL ASSEMBLY

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
30-	0442006	Tailwheel Assembly - Scott 3-24B (see figure 28 & 29 for NHA)	Ref
-1	0442006-8	Fork - Tailwheel	1
-2	0442006-5	Bracket Assembly - Tailwheel	1
-3	0442006-6	Bushing - Bracket	1
-4	0442006-7	Cap - Bushing	1
-5	0442006-4	Arm Assembly - Tailwheel	1
-6	0442006-3	Shim	AR
-7	0442006-2	Washer	1
-8	AN364-720	Nut - Attach arm assembly	1
	0442006-19	Wheel Assembly	1
-9	0442006-13	Tire - Tailwheel (6 x 2 with wire bead)	1
	0442006-17	Hub Kit	1
-10	0442006-12	Hub	1
-11	0442006-14	Hub - Outer	1
-12	0442006-9	Retainer - Grease	1
-13	0442006-10	Spacer - Grease retainer	1
-14	0442006-11	Bearing - Timken	2
-15	AN960-816	Washer	1
-16	AN320-8	Nut	1
-17	AN380-3-3	Pin - cotter	1
-18	AN501-1032	Screw - Fillister head	3
-19	AN365-1032	Nut - Elastic stop	3
	0442006-18	Fairing Kit	1
-20	0442126	Fairing	1
-21	0442006-15	Retainer - Grease	1
-22	4 x 3/8	Screw - (Attach fairing)	3

ORDER BY PART NUMBER AND NAME SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

Serial
20267 thru 26995

**Serial
26996 & on**

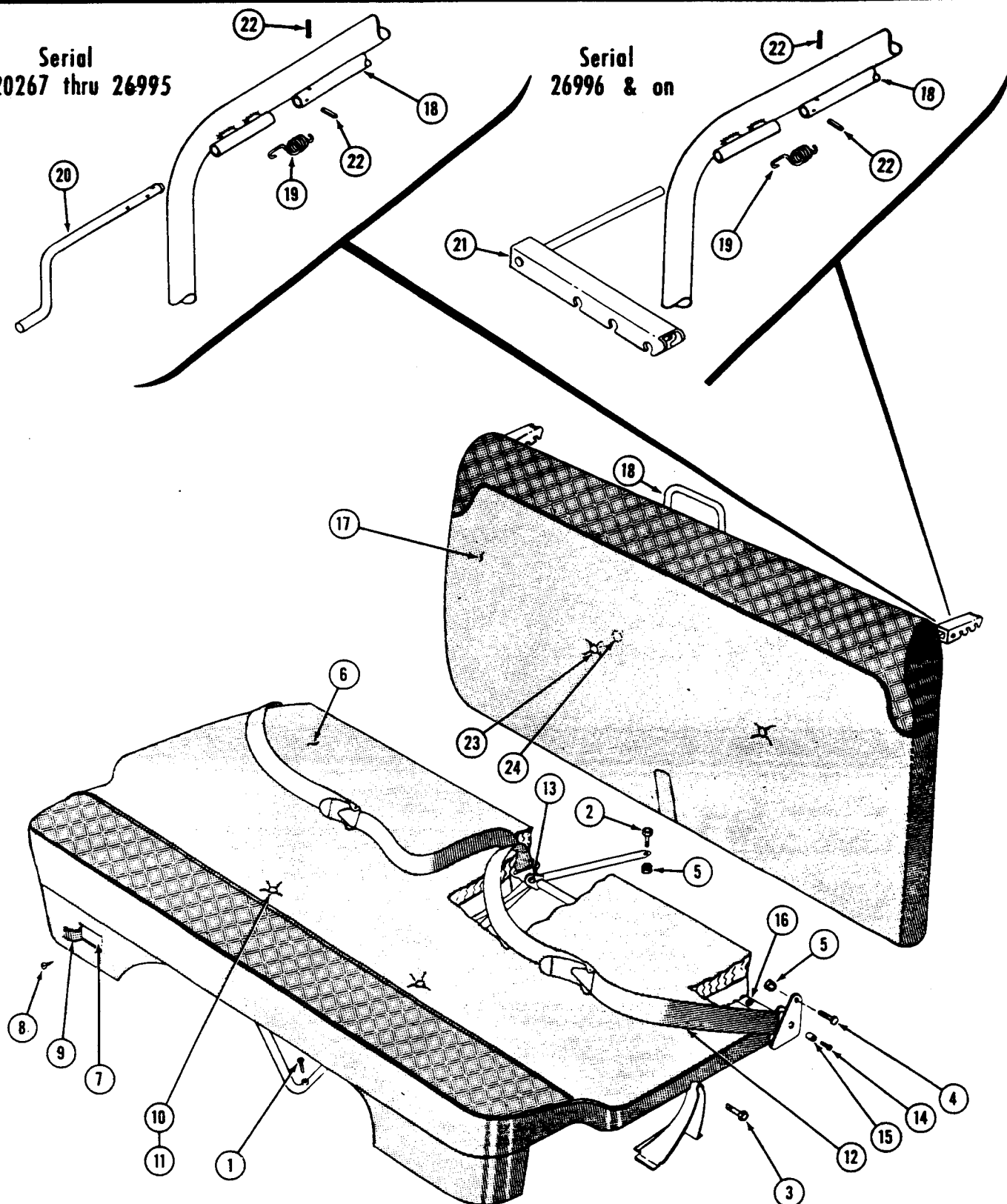


FIGURE 31. REAR SEAT INSTALLATION

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
31-	No Number	Rear Seat Installation - (See figure 1 for NHA)	Ref
-1	AN3-11A	Bolt - (Attach rear seat at front)	1
-2	AN4-6A	Bolt - (Attach rear seat at rear)	1
-3	AN3-10A	Bolt - (Attach rear seat to brackets)	2
-4	AN4-11A	Bolt - (Attach seat back to seat bottom)	2
-5	AN365-428	Nut - (Attach seat back to seat bottom)	3
	0511108-105	Bottom Assembly - Rear seat (serial 20267 thru 25372)	1
	0500100-44	Bottom Assembly - Rear seat (serial 25373 thru 26038)	1
	0500101-44	Bottom Assembly - Rear seat (serial 26039 thru 26504)	1
	0500102-44	Bottom Assembly - Rear seat (serial 26505 thru 26995)	1
	0500103-74	Bottom Assembly - Rear seat (serial 26996 & on)	1
-6	0511108-97	Cover Assembly - Rear seat bottom (serial 20267 thru 25372)	1
	0500100-109	Cover Assembly - Rear seat bottom (serial 25373 thru 26038)	1
	0500101-109	Cover Assembly - Rear seat bottom (serial 26039 thru 26504)	1
	0500102-109	Cover Assembly - Rear seat bottom (serial 26505 thru 26995)	1
	0500103-73	Cover Assembly - Rear seat bottom (serial 26996 & on)	1
-7	0511174-1	Retainer - Rear seat upholstery	1
-8	PK76XZ-6-4	Screw - (Attach retainer)	5
-9	0511108-60	Cover - Retainer (serial 20267 thru 25372)	2
	0500100-104	Cover - Retainer (serial 25373 thru 26038)	1
	0500101-104	Cover - Retainer (serial 26039 thru 26504)	1
	0500102-104	Cover - Retainer (serial 26505 thru 26995)	1
-10	0511108-92	Button - Pearl tufting (serial 20267 thru 25372)	4
-11	7283	Button - Tufting (serial 20267 thru 25372)	4
-12	0311710	Belt - Rear seat safety (serial 20267 thru 25372)	2
	0311710-6	Belt - Rear seat safety (serial 25373 thru 26995)	2
	0311710-8	Belt - Rear seat safety (serial 26996 & on)	2
-13	AN4-11A	Bolt - (Attach safety belts inboard)	1
	NAS43-4-47	Spacer - (Attach safety belts inboard)	1
	AN365-428	Nut - (Attach safety belts inboard)	1
-14	AN4-6A	Bolt - (Attach safety belts outboard)	2
-15	NAS43-4-20	Spacer - (Attach safety belts outboard)	2
-16	AN364-428	Nut - (Attach safety belts outboard)	2
	0511108-106	Back Assembly - Rear seat (serial 20267 thru 25372)	1
	0500100-45	Back Assembly - Rear seat (serial 25373 thru 26038)	1
	0500101-45	Back Assembly - Rear seat (serial 26039 thru 26504)	1
	0500102-45	Back Assembly - Rear seat (serial 26505 thru 26995)	1
	0500103-70	Back Assembly - Rear seat (serial 26996 & on)	1
-17	0511108-93	Cover Assembly - Rear seat back (serial 20267 thru 25372)	1
	0500100-108	Cover Assembly - Rear seat back (serial 25373 thru 26038)	1
	0500101-108	Cover Assembly - Rear seat back (serial 26039 thru 26504)	1
	0500102-108	Cover Assembly - Rear seat back (serial 26505 thru 26995)	1
	0500103-69	Cover Assembly - Rear seat back (serial 26996 & on)	1
-18	0511108-22	Latch - Seat back (serial 20267 thru 26995)	1
	0411623-1	Latch - Seat back (serial 26996 & on)	1
-19	0411333	Spring - Latch left	1
	0411333-1	Spring - Latch right	1
-20	0411629	Arm - Seat back latch	2
-21	0511284-3	Latch Assembly - Rear seat (serial 26996 & on)	1
	0511284-4	Latch Assembly - Rear seat (serial 26996 & on)	1
-22	59-022-044-37S	Roll Pin - (Attach arm) (Elastic Stop Nut Corp. of America)	4
-23	0511108-92	Button - Pearl tufting (serial 20267 thru 25372)	4
-24	7283	Button - Tufting (serial 20267 thru 25372)	4

ILLUSTRATED PARTS CATALOG

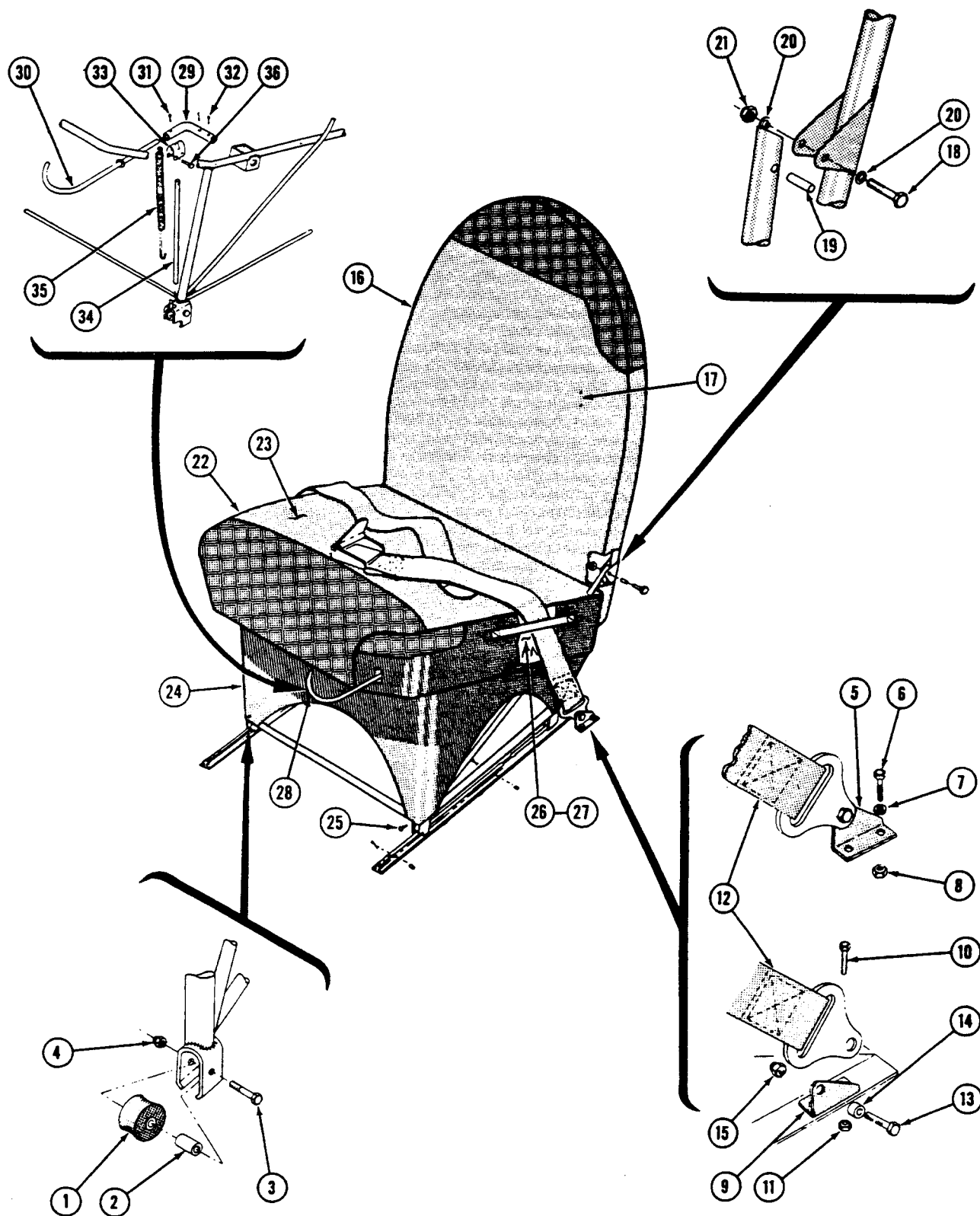


FIGURE 32. FRONT SEAT INSTALLATION

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
32-	No Number	Seat Installation - Front (see figure 1 for NHA)	Ref
-1	0311310	Roller - Seat	4
-2	0311586	Bushing - Seat roller	4
-3	AN3-11A	Bolt - (Attach roller)	4
-4	AN365-1032	Nut - (Attach roller)	4
-5	0511301-19	Bracket - Safety belt attachment left	1
-6	AN3-5A	Bolt - (Attach bracket) (serial 20267 thru 26995)	2
	AN3-4A	Bolt - (Attach bracket) (serial 26996 & on)	2
-7	AN960-10	Washer - (Attach bracket)	2
-8	AN365-1032	Nut - (Attach bracket)	2
-9	0511301-18	Bracket - Safety belt attachment right	1
-10	AN3-4A	Bolt - (Attach bracket)	2
-11	AN365-1032	Nut - (Attach bracket)	2
-12	0311710-7	Belt Assembly - Safety (serial 20267 thru 26995)	1
	0311710-9	Belt Assembly - Safety (serial 26996 & on)	1
-13	AN4-6A	Bolt - (Attaching safety belt)	2
-14	NAS43-4-20	Spacer - (Attach safety belt)	2
-15	AN365-428	Nut - (Attach safety belt)	2
-16	0511301-142	Seat Assembly - Front (serial 20267 thru 25372)	1
	0500100-43	Seat Assembly - Front (serial 25373 thru 26038)	1
	0500101-43	Seat Assembly - Front (serial 26039 thru 26504)	1
	0500102-43	Seat Assembly - Front LH (serial 26505 thru 26995)	1
	0500102-188	Seat Assembly - Front RH (serial 26505 thru 26995)	1
	0500103-96	Seat Assembly - Front RH (serial 26996 & on)	1
	0500103-97	Seat Assembly - Front LH (serial 26996 & on)	1
	0511301-168	Back Assembly - Front seat upholstered (serial 20267 thru 25372)	1
	0500100-40	Back Assembly - Front seat upholstered (serial 25373 thru 26038)	1
	0500101-40	Back Assembly - Front seat upholstered (serial 26039 thru 26504)	1
	0500102-40	Back Assembly - Front seat upholstered LH (serial 26505 thru 26995)	1
	0500102-42	Back Assembly - Front seat upholstered RH (serial 26505 thru 26995)	1
	0500103-56	Back Assembly - Front seat RH (serial 26996 & on)	1
	0500103-57	Back Assembly - Front seat LH (serial 26996 & on)	1
-17	0511301-121	Cover Assembly - Front seat back (serial 20267 thru 25372)	1
	0500100-131	Cover Assembly - Front seat back (serial 25373 thru 26038)	1
	0500101-131	Cover Assembly - Front seat back (serial 26038 thru 26504)	1
	0500102-131	Cover Assembly - Front seat back LH (serial 26505 thru 26995)	1
	0500102-190	Cover Assembly - Front seat back RH (serial 26505 thru 26995)	1
	0500103-89	Cover Assembly - Front seat back LH (serial 26996 & on)	1
	0500103-88	Cover Assembly - Front seat back RH (serial 26996 & on)	1
-18	AN3-5A	Bolt - (Attach seat back to seat bottom) (serial 20267 thru 25952)	2
	AN4-12A	Bolt - (Attach seat back to seat bottom) (serial 25953 & on)	2
-19	0511301-20	Bushing - (Serial 20267 thru 25952)	2
	0500103-84	Bushing - Hinge joint (serial 26996 & on)	2
-20	AN960-10	Washer - (Serial 20267 thru 25952)	4
-21	AN365-1032	Nut - (Attach seat back to seat bottom) (serial 20267 thru 25952)	2
	AN365-428	Nut - (Attach seat back to seat bottom) (serial 25953 & on)	2
-22	0511301-138	Bottom Assembly - Front seat upholstered (serial 20267 thru 25978*)	1
	0500100-130	Bottom Assembly - Front seat upholstered (serial 25979 thru 26038)	1
	0500101-130	Bottom Assembly - Front seat upholstered (serial 26038 thru 26504)	1
	0500102-130	Bottom Assembly - Front seat upholstered (serial 26505 thru 26995)	1
	0500103-80	Cushion Assembly (serial 26996 & on)	1
-23	0511301-131	Cover Assembly - Front seat bottom (serial 20267 thru 25372)	1
	0500100-139	Cover Assembly - Front seat bottom (serial 25373 thru 26038)	1
	0500101-139	Cover Assembly - Front seat bottom (serial 26039 thru 26504)	1
	0500102-139	Cover Assembly - Front seat bottom (serial 26505 thru 26995)	1
	0500103-95	Cover Assembly - Front seat bottom (serial 26996 & on)	1
-24	0511173	Skirt - Front seat	1
-25	PK76XZ-6-4	Screw - (Attach skirt)	4
-26	0511172	Retainer - Seat bottom upholstered	1
-27	PK76XZ-6-4	Screw - (Attach retainer)	11
-28	0511301-166	Handle Assembly - Front seat adjustment	1
-29	0511184	Attachment - Seat handle	1
-30	0511301-120	Handle - Front seat adjustment	1
-31	AN380-4-3	Pin - Cotter (connect shaft and handle)	1
-32	AN380-4-3	Pin - Cotter (attach shaft to seat frame)	2
-33	0311644	Clevis - Front seat adjustment	1
-34	0311311-1	Rod - Front seat adjustment	1
-35	0310196-2	Spring - Coil	1
-36	AN392-15	Pin - Clevis (attach spring)	1

* On airplanes serial 25949 thru 25978 if seat bottom is required, a complete seat must be ordered.

ILLUSTRATED PARTS CATALOG

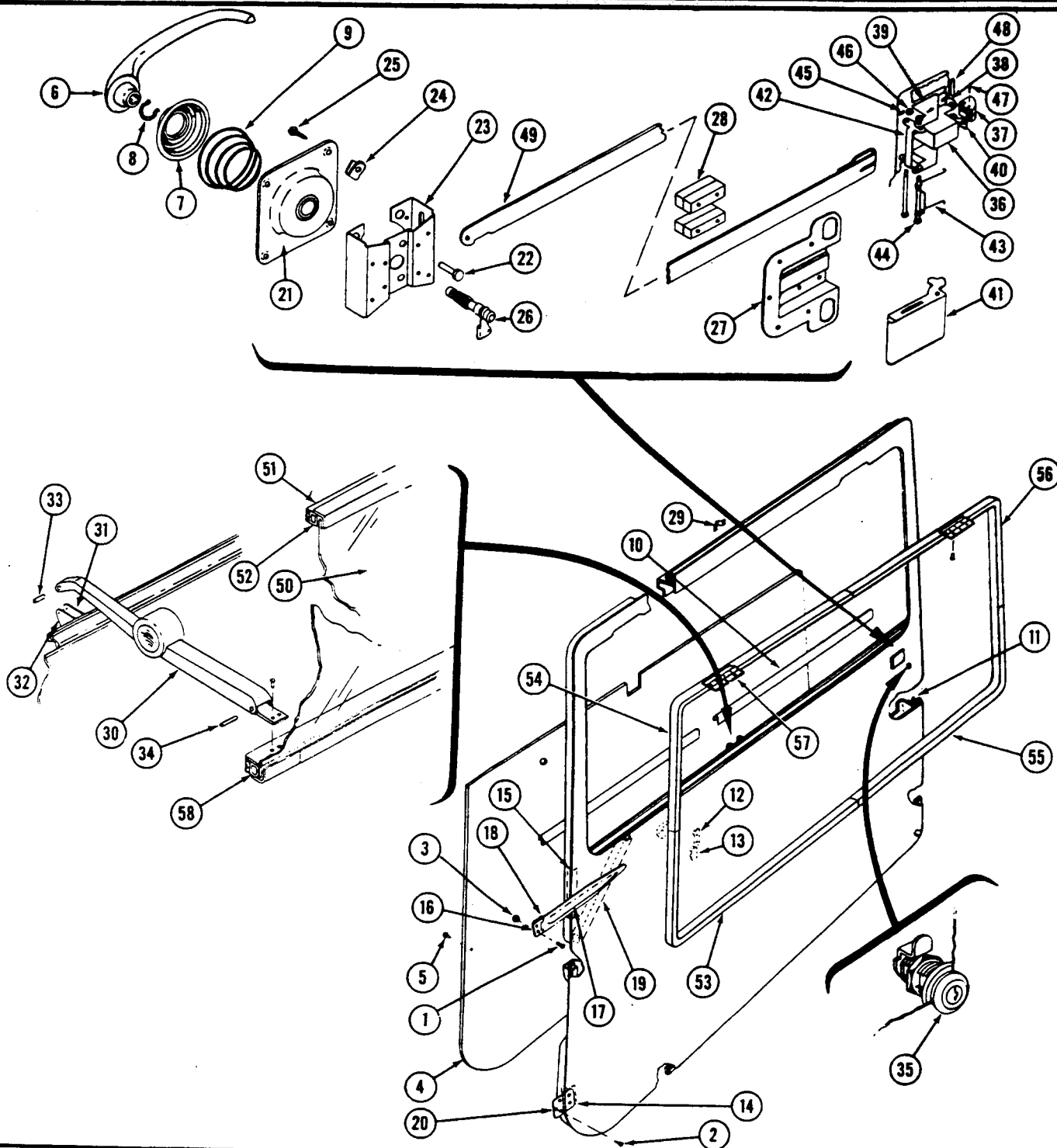


FIGURE 33. LEFT DOOR INSTALLATION

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
33-	No Number	Cabin Door Installation - Left (0511106 Ref) (see figure 1 for NHA)	Ref
-1	AN507-1032R8	. Screw - (Attach upper door hinge to fuselage)	2
-2	AN365-1032R9	. Screw - (Attach lower door hinge to fuselage)	2
-3	AN365-1032	. Nut - (Attach door hinge)	4
	0511106-136	. Cabin Door Assembly - Left (serial 20267 thru 25372)	1
	0511106-143	. Cabin Door Assembly - Left (serial 25373 thru 26038)	1

ORDER BY PART NUMBER AND NAME SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
33-	0511106-139	Cabin Door Assembly - Left (serial 26039 thru 26504)	1
	0511106-141	Cabin Door Assembly - Left (serial 26505 & on)	1
-4	0511106-119	Panel Assembly - Upholstery (serial 20267 thru 25372)	1
	0500100-9	Panel Assembly - Upholstery (serial 25373 thru 26038)	1
	0500101-9	Panel Assembly - Upholstery (serial 26039 thru 26504)	1
	0500102-9	Panel Assembly - Upholstery (serial 26505 thru 26995)	1
	0500103-51	Panel Assembly - Upholstery (serial 26995 & on)	1
-5	#807	Fastener - Upholstery panel (AU-VE-CO)	13
-6	0511183	Handle - Inside door (serial 20267 thru 26038)	1
	0511189	Handle - Inside door (serial 26039 & on)	1
-7	0511181	Escutcheon - Door handle (serial 20267 thru 26038)	1
	0511189-2	Escutcheon - Door handle (serial 26039 & on)	1
-8	0511182	Clip - Door handle retaining (serial 20267 thru 26038)	1
	0511189-1	Clip - Door handle retaining (serial 26039 & on)	1
-9	0413317-1	Spring - (Between door and upholstery)(serial 26039 & on)	1
	0511106-98	Structure Assembly - Cabin door left	1
-10	0511106-38	Channel - Upholstery retainer	2
-11	0711010-1	Weatherstrip - Cabin door	1
-12	0511106-37	Clip - Upholstery retainer	2
-13	PK76XZ-4-4	Screw - (Attach clips)	4
-14	0511106-36	Reinforcement - Door Hinge	1
-15	0511106-40	Angle - Door reinforcement	1
	0511106-106	Hinge Assembly - Upper door	1
-16	0511106-14	Hinge Half - Upper door	1
-17	0511106-18	Hinge Half - Upper door	1
-18	0711001-59	Pin - Upper hinge	1
-19	0511106-22	Bracket - Lower hinge	1
-20	0411579-4	Hinge - Lower door (serial 20267 thru 26995)	1
-21	0413195-3	Plate Assembly - Door handle bearing	1
-22	AN394-27	Pin - Clevis (latch stop)	1
-23	0511106-137	Bracket Assembly - Inner door handle	1
-24	NAS395-16-3	Nut - (Tinnerman A1789-8Z-3)	4
-25	PK79XZ-8-8	Screw - (Attach bracket)	4
-26	0511227	Shaft - Door handle	1
-27	0411576	Pan - Door latch	1
-28	0411886	Spacer - Door latch pan	4
-29	A1663-.017-1	Latch - Door stop	1
-30	0413362-2	Latch Assembly - Window (serial 20267 thru 25372)	1
	0413362-3	Latch Assembly - Window (serial 25373 & on)	1
-31	0413366	Bracket - Window latch	1
-32	0413366-1	Bracket - Window latch	1
-33	0413148	Rivet - Window latch	1
-34	0452120	Pin - Window latch	1
-35	0413323-1	Lock Assembly - Door	1
	0511112-11	Latch Assembly - Door	1
-36	0511112-2	Housing - Door latch	1
-37	0411552	Catch - Door latch	1
-38	0411554	Spring - Door latch	1
-39	0511112-9	Bracket Assembly - Door latch	1
-40	0411555	Pull Bar - Door latch	1
-41	0411557	Handle - Door latch	1
-42	0411559	Spacer - Door latch	1
-43	0511119	Spring - Door handle return	1
-44	AN392-53	Pin - Latch pivot	2
-45	AN380-2-2	Pin - Cotter	2
-46	AN960-4	Washer	3
-47	NAS41-2-.500	Shaft - Catch stop	1
-48	NAS41-3-1	Shaft - Catch actuating	1
-49	0411575-6	Strap - Door latch	1
	NAS43-DD-3-27	Spacer	2
	0511106-50	Window Assembly - Left door	1
-50	0511106-104	Glass Assembly - Window	1
-51	0511106-103	Seal - Window glass	1
-52	0511106-53	Frame Assembly - Window	1
-53	0511106-10	Angle - Window frame (lower forward)	1
-54	0511106-31	Angle - Window frame (upper forward)	1
-55	0511106-33	Angle - Window frame (lower rear)	1
-56	0511106-34	Angle - Window frame (upper rear)	1
-57	0411185	Hinge - Window (serial 20267 thru 26215)	2
	0411185-7	Hinge - Window (serial 26216 & on)	2
-58	0511106-105	Seal - Window	1

ILLUSTRATED PARTS CATALOG

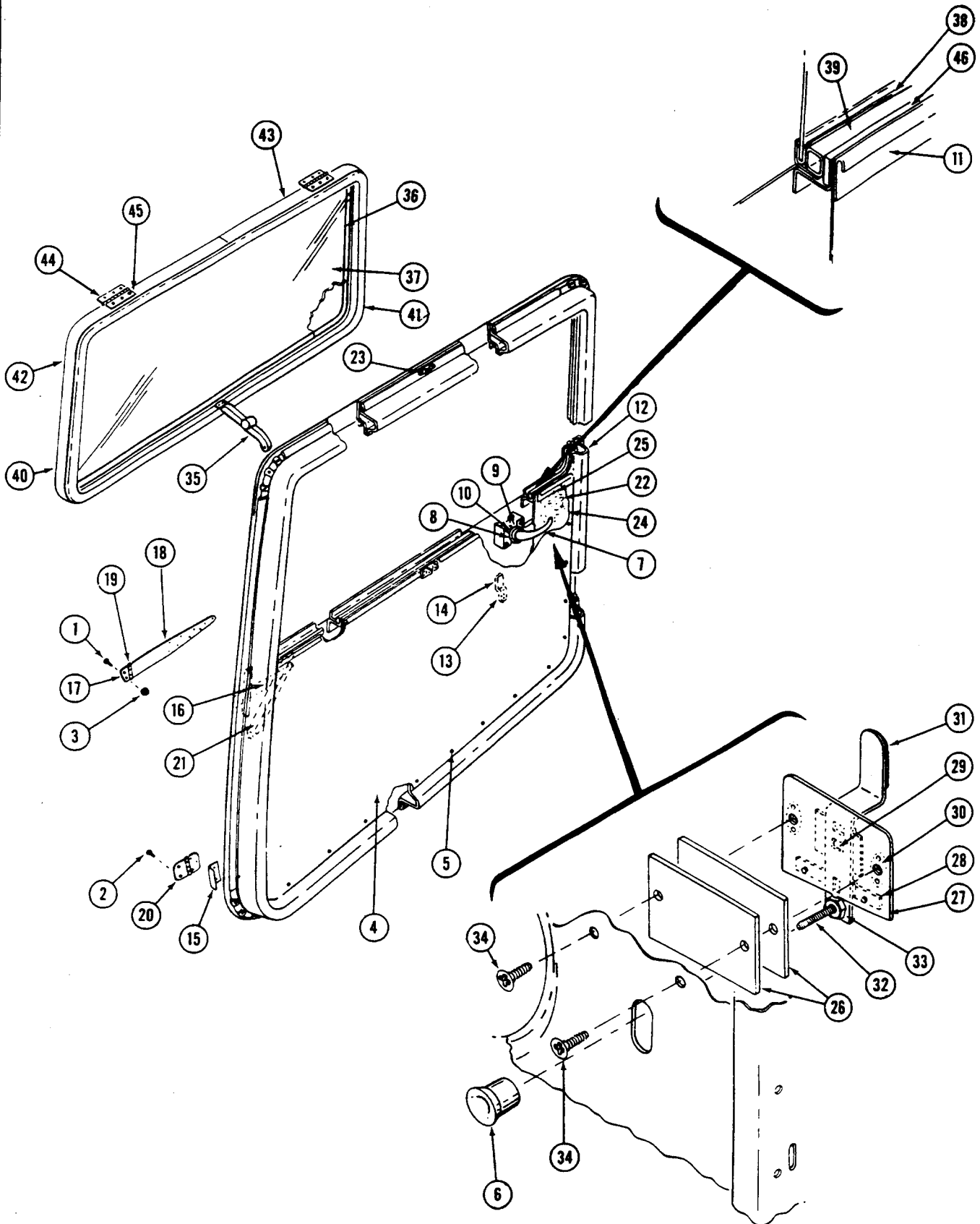


FIGURE 34. RIGHT DOOR INSTALLATION (SERIAL 20267 THRU 26995)

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
34-	No Number	Cabin Door Installation - Right (0511106 Ref) (see figure 1 for NHA) (serial 20267 thru 26995)	Ref
-1	AN507-1032R8	Screw - (Attach upper hinge)	2
-2	AN526-1032R9	Screw - (Attach lower hinge)	2
-3	AN365-1032	Nut - (Attach door hinge)	4
	0511106-81	Cabin Door Assembly - Right (serial 20267 thru 25372)	1
	0511106-142	Cabin Door Assembly - Right (serial 25373 thru 26038)	1
	0511106-138	Cabin Door Assembly - Right (serial 26039 thru 26504)	1
	0511106-140	Cabin Door Assembly - Right (serial 26505 thru 26995)	1
-4	0511106-120	Panel Assembly - Upholstery (serial 20267 thru 25372)	1
	0500100-10	Panel Assembly - Upholstery (serial 25373 thru 26038)	1
	0500101-10	Panel Assembly - Upholstery (serial 26039 thru 26504)	1
	0500102-10	Panel Assembly - Upholstery (serial 26505 thru 26995)	1
-5	#807	Fastener - Upholstery panel (AU-VE-CO)	13
-6	0411092	Knob - Thumb latch (serial 20267 thru 25372)	1
	0411092-1	Knob - Thumb latch (serial 25373 thru 26995)	1
-7	0511183	Handle - Inside door (see figure 33-6)(serial 20267 thru 26038)	1
	0511189	Handle - Inside door (see figure 33-6)(serial 26039 thru 26995)	1
-8	0511181	Escutcheon - Door handle (see figure 33-7)(serial 20267 thru 26038)	1
	0511189-2	Escutcheon - Door handle (see figure 33-7)(serial 26039 thru 26995)	1
-9	0511182	Clip - Door handle retaining (see figure 33-8)(serial 20267 thru 26038)	1
	0511189-1	Clip - Door handle retaining (see figure 33-8)(serial 26039 thru 26995)	1
-10	0413317-1	Spring - (Between door & upholstery)(serial 26039 thru 26995)	1
	0511106-97	Structure Assembly - Cabin door right	1
-11	0511106-38	Channel - Upholstery retainer	2
-12	0711010-1	Weatherstrip - Cabin door	1
-13	0511106-37	Clip - Upholstery retainer	2
-14	PK76XZ-4-4	Screw - (Attach clips)	4
-15	0511106-36	Reinforcement - Door hinge	1
-16	0511106-40	Angle - Door reinforcement	1
	0511106-107	Hinge Assembly - Upper right door	1
-17	0511106-15	Hinge Half - Upper door	1
-18	0511106-19	Hinge Half - Upper door	1
-19	0711001-59	Pin - Upper hinge	1
-20	0411579-4	Hinge Assembly - Lower right door	1
-21	0511106-23	Bracket - Lower hinge	1
	0411576	Pan - Door latch (see figure 33-27)	1
	0511227-1	Shaft - Door handle (see figure 33-26)	1
-22	0411886	Spacer - Door latch pan	4
-23	A1663-.017-1	Latch - Door stop	1
	0413195-3	Plate Assembly - Door handle bearing (see figure 33-21)	1
	0511106-137	Bracket Assembly - Inner door handle (see figure 33-23)	1
	AN394-27	Pin - Clevis (latch stop)(see figure 33-22)	1
	NAS395-16-3	Nut - (Tinnerman A1789-8Z-3)(see figure 33-24)	4
	PK79XZ-8-8	Screw - (Attach bracket)	4
-24	0511112-11	Latch Assembly - Door (see figure 33 for breakdown)	1
-25	CR163-4-2	Rivet - (Attach latch to door)	8
-26	0511106-109	Doubler - Thumb latch	2
	0411590-1	Latch Assembly - Thumb	1
-27	0411665	Housing - Thumb latch	1
-28	0411590-3	Bracket - Thumb latch	1
-29	0411591	Spring - Thumb latch	1
-30	NAS444-4-3	Nut - (Tinnerman A6191-8Z-3)(Attach thumb latch)	2
-31	0411592-1	Bolt - Door latch	1
-32	AN526-832R12	Screw - (Attach knob to bolt)	1
-33	AN364-832	Nut - (Attach knob to bolt)	1
-34	PK76XZ-8-8	Screw - (Attach latch assembly)	2
-35	0413362-3	Latch Assembly - Window (see figure 33 for breakdown)	1
-36	0511106-51	Window Assembly - Right door	1
-37	0511106-104	Glass Assembly - Window	1
-38	0511106-103	Seal - Window glass	1
-39	0511106-54	Frame Assembly - Window	1
-40	0511106-11	Angle - Window frame (lower forward)	1
-41	0511106-34	Angle - Window frame (lower rear)	1
-42	0511106-32	Angle - Window frame (upper forward)	1
-43	0511106-33	Angle - Window frame (upper rear)	1
-44	0411185	Hinge - Window (serial 20267 thru 26215)	2
	0411185-7	Hinge - Window (serial 26216 thru 26995)	2
-45	CR163-4-4	Rivet - (Attach hinge and window frame angles)	8
-46	0511106-105	Seal - Window	1

ILLUSTRATED PARTS CATALOG

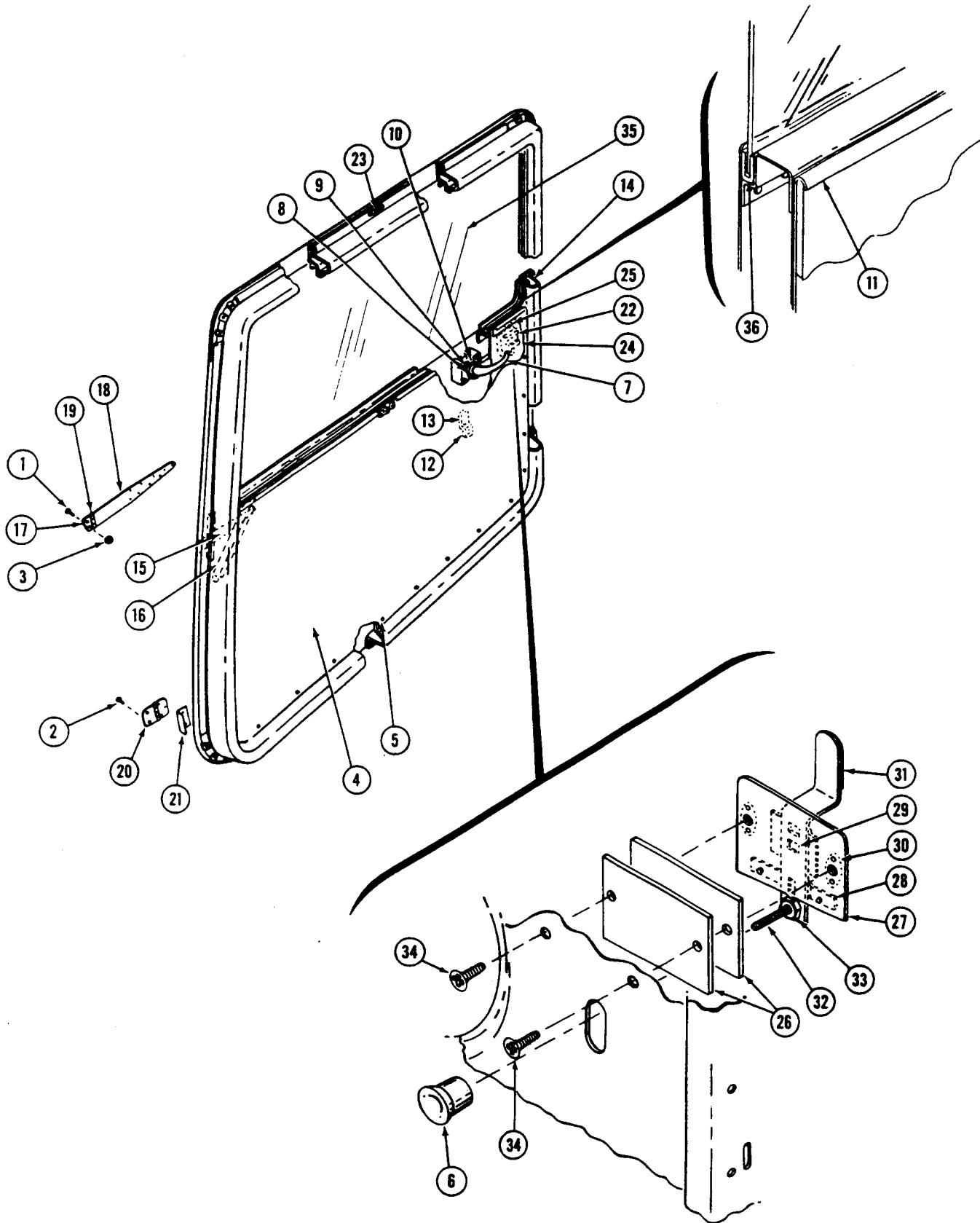


FIGURE 34A. RIGHT DOOR INSTALLATION (SERIAL 26996 AND ON)

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
34A-	No Number	Cabin Door Installation - Right (0511106 Ref.) (see figure 1 for NHA) (serials 26996 & on).	Ref
-1	AN507-1032R8	Screw - (Attach upper hinges)	2
-2	AN526-1032R9	Screw - (Attach lower hinge)	2
-3	AN365-1032	Nut - (Attach hinges)	4
	0511106-151	Cabin Door Assembly - Right	1
-4	0500103-52	Panel Assembly - Upholstery	1
-5	#807	Fastener - Upholstery panel (AU-VE-CO)	13
-6	0411092-1	Knob - Thumb latch	1
-7	0511189	Handle - Inside door (see figure 33-6)	1
-8	0511189-2	Escutcheon - Door handle (see figure 33-7)	1
-9	0511189-1	Clip - Door handle retaining (see figure 33-8)	1
-10	0413317-1	Spring - (Between door & upholstery)	1
	0511106-158	Structure Assembly - Cabin door right	1
-11	0511106-150	Retainer - Upholstery	1
-12	0511106-37	Clip - Upholstery	2
-13	PK76XZ-4-4	Screw - (Attach clips)	4
-14	0711013	Weatherstrip	1
-15	0511106-36	Reinforcement - Door hinge	1
-16	0511106-40	Angle - Door reinforcement	1
	0511280-2	Hinge Assembly - Upper right door	1
-17	0511237-2	Hinge Half Assembly	1
-18	0511238-2	Hinge Half Assembly	1
-19	0711001-59	Pin - (Peen both ends)	1
-20	0511280-4	Hinge Assembly - Lower right door	1
-21	0511106-23	Bracket - Lower hinge	1
	0411576	Pan - Door latch (see figure 33-27)	1
	0511227-1	Shaft - Door handle (see figure 33-26)	1
-22	0411886	Spacer - Door latch pan	4
-23	A1663-028-1	Latch - Door stop	1
	0413195-3	Plate Assembly - Door handle bearing (see figure 33-21)	1
	0511106-137	Bracket Assembly - Inner door handle (see figure 33-23)	1
	AN394-27	Pin - Clevis (latch stop) (see figure 33-22)	1
	NAS395-16-3	Nut - (Tinnerman A1789-8Z-3) (see figure 33-24)	4
	PK79XZ-8-8	Screw - (Attach bracket)	4
-24	0511112-11	Latch Assembly - Door (see figure 33 for breakdown)	1
-25	CR163-4-2	Rivet - (Attach latch to door)	8
-26	0511106-109	Doubler - Thumb latch	2
	0411590-1	Latch Assembly - Thumb	1
-27	0411665	Housing - Thumb latch	1
-28	0411590-3	Bracket - Thumb latch	1
-29	0411591	Spring - Thumb latch	1
-30	NAS444-4-3	Nut - (Tinnerman A6191-8Z-3) (attach thumb latch)	2
-31	0411592-1	Bolt - Door latch	1
-32	AN526-832R12	Screw - (Attach knob to bolt)	1
-33	AN365-832	Nut - (Attach knob to bolt)	1
-34	PK76XZ-8-8	Screw - (Attach latch assembly)	2
-35	0511106-3	Glass Assembly - Window	1
-36	0511106-103	Seal - Window glass	1

ILLUSTRATED PARTS CATALOG

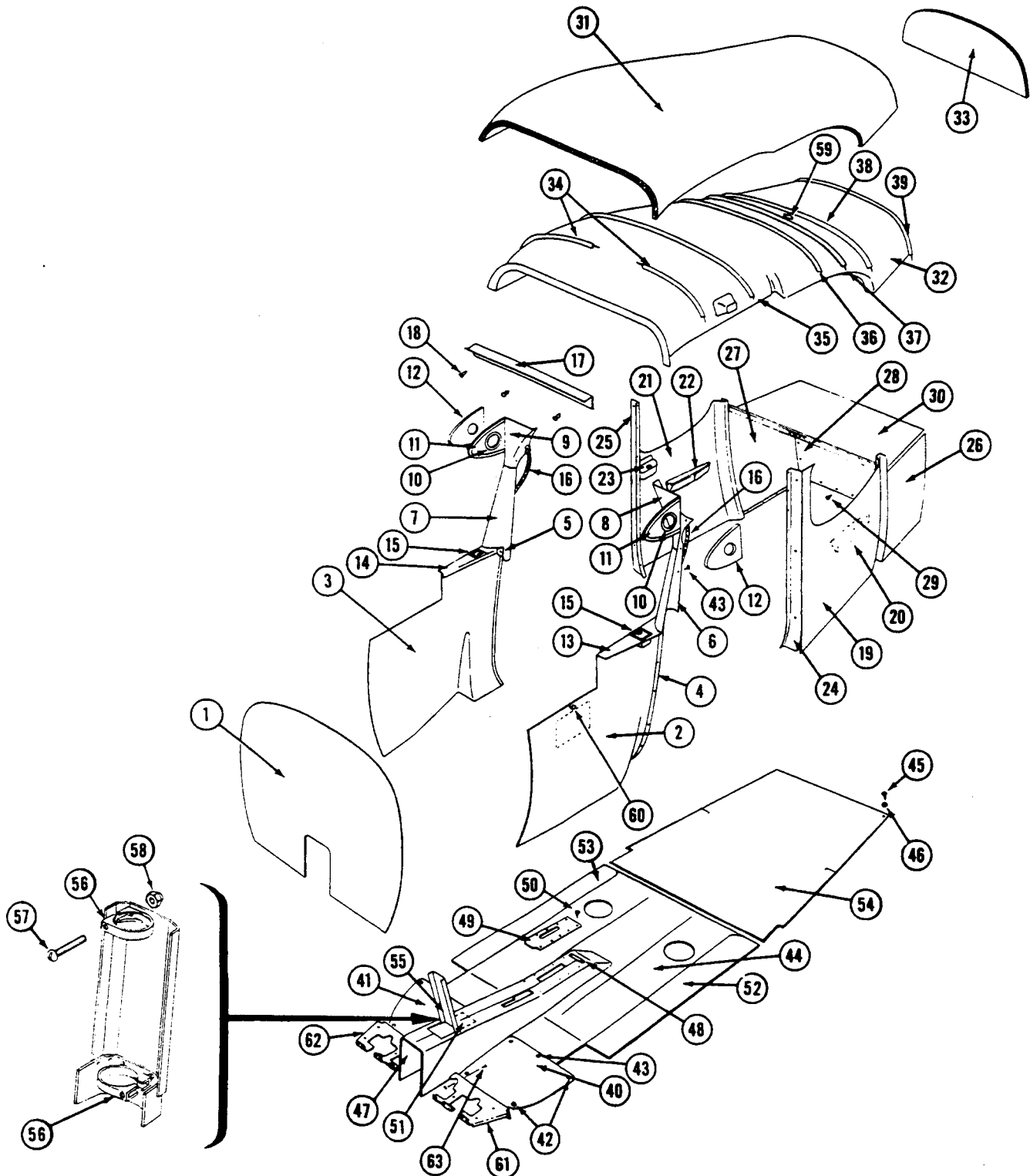


FIGURE 35. UPHOLSTERY INSTALLATION (SERIALS 20267 THRU 25372)

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
35-	No Number	Upholstery Installation (serials 20267 thru 25372) (0511001 Ref) (see figure 1 for NHA)	Ref
-1	0511001-8	Panel Assembly - Firewall	1
-2	0511001-164	Panel Assembly - Left sidewall front	1
-3	0511001-165	Panel Assembly - Right sidewall front	1
-4	0411730	Channel - Upholstery retainer	2
	PK88XA-4-6	Screw - (Attach retainers)	10
	#600	Washer - Finishing	10
-5	0511152	Fairing - Corner	2
	PK76XZ-4-6	Screw - (Attach fairing)	2
-6	0511137	Cover - Left door post	1
-7	0511137-1	Cover - Right door post	1
-8	0511169	Shield Assembly - Left door post upper	1
-9	0511169-1	Shield Assembly - Right door post upper	1
-10	0413235	Grommet - Shield	1
-11	0411875-7	Moulding - Windshield	1
-12	0511001-133	Soundproofing - Shield	2
-13	0511136	Fairing Assembly - L. H. ash receiver	1
-14	0511136	Fairing Assembly - R. H. ash receiver	1
-15	0413120	Receiver - Ash	1
	PK76XZ-6-6	Screw - (Attach fairing)	4
-16	0511001-129	Strap - Assist	2
	T-5/8	Screw - (Attach assist straps) (AU-VE-CO)	4
-17	0511130	Shield - Front spar trim	1
-18	#49265	Fastener - United Carr (attach front spar trim)	3
-19	0511001-140	Panel Assembly - Left aft	1
-20	0511001-171	Arm Rest Assembly - L. H.	1
-21	0511001-141	Panel Assembly - Right aft	1
-22	0511001-172	Arm Rest Assembly - R. H.	1
	PK76XZ-8-8	Screw - (Attach arm rest)	6
	NAS395-12-3	Nut - (Tinnerman #A1786-8Z-3) (attach arm rest)	6
-23	#C-6861	Receiver - Ash (Grand Rapids Metal Craft Co.)	2
	PK76XZ-8-8	Screw - (Attach ash receiver)	4
	NAS395-12-3	Nut - (Tinnerman #A1786-8Z-3) (attach ash receiver)	4
-24	0511177	Fairing - L. H. rear door	1
-25	0511177-1	Fairing - R. H. rear door post	1
	PK76XZ-6-6	Screw - (Attach fairing)	16
-26	0511001-12	Panel Assembly - Baggage compartment L. H. (serial 20267 thru 25372)	1
	0500100-3	Panel Assembly - Baggage compartment L. H. (serial 20525 & on)	1
-27	0511001-13	Panel Assembly - Baggage compartment R. H. (serial 20267 thru 25372)	1
	0500100-4	Panel Assembly - Baggage compartment R. H. (serial 20525 & on)	1
-28	0511001-11	Panel Assembly - Baggage compartment rear (serial 20267 thru 25372)	1
	0500100-2	Panel Assembly - Baggage compartment rear (serial 20525 & on)	1
-29	#49625	Fastener - United Carr (attach rear baggage panel)	18
-30	0513013	Shelf Assembly - Baggage	1
	PK76XZ-4-4	Screw - (Attach baggage shelf)	10
-31	0511001-186	Panel Assembly - Cabin top soundproof	1
-32	0511001-145	Headliner Assembly	1
-33	0500100-15	Panel Assembly - Cabin rear upper soundproof	1
-34	0511001-22	Wire - Headliner	2
-35	0511001-20	Wire - Headliner	1
-36	0511000-147	Wire - Headliner	1
-37	0511001-148	Wire - Headliner	1
-38	0511001-149	Wire - Headliner	1
-39	0511001-21	Wire - Headliner	1
-40	0511001-16	Kick Plate - Floorboard L. H.	1
-41	0511001-15	Kick Plate - Floorboard R. H.	1
-42	PK76XZ-8-8	Screw - (Attach kick plates)	8
-43	PK86XA-4-6	Screw - Nickel plated	18
-44	0511001-28	Carpet - Cabin floor	1
-45	PK88XA-4-6	Screw - (Attach carpet)	13
-46	#600	Washer - Finishing (attach carpet)	13
-47	0511001-32	Carpet Assembly - Tunnel	1
-48	0511168	Placard - Fuel selector valve	1
-49	0510185	Cover Plate Assembly - Tunnel aft	1
-50	PK76XZ-8-10	Screw - (Attach cover plate)	9
-51	0510141	Cover Plate - Tunnel forward	1
	PK76XZ-8-6	Screw - (Attach cover plate)	1
-52	0511001-30	Carpet - Side strip L. H.	1
-53	0511001-31	Carpet - Side strip R. H.	1
-54	0511001-29	Carpet - Baggage compartment floor	1

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
35-55	0411293	Shield - Control tee	1
-56	0411840	Clamp - Shield attachment	2
-57	AN528-632R36	Screw - (Attach clamp)	2
-58	AN365-632	Nut - (Attach clamp)	2
-59	0511186	Hook - Coat hanger	1
	0500010-4	Washer	1
-60	0511018	Hook - Earphone	1
	PK76XZ-6-6	Screw - (Attach hook)	2
	NAS446-3-3	Nut - (Attach hook) (Tinnerman A1777-8Z-3)	2
-61	0513014	Shield LH	1
-62	0513015	Shield RH	1
-63	PK76XZ-8-8	Screw - (Attach shield)	16
	A1778-8Z-3	Nut - (Attach shield)	8

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

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ILLUSTRATED PARTS CATALOG

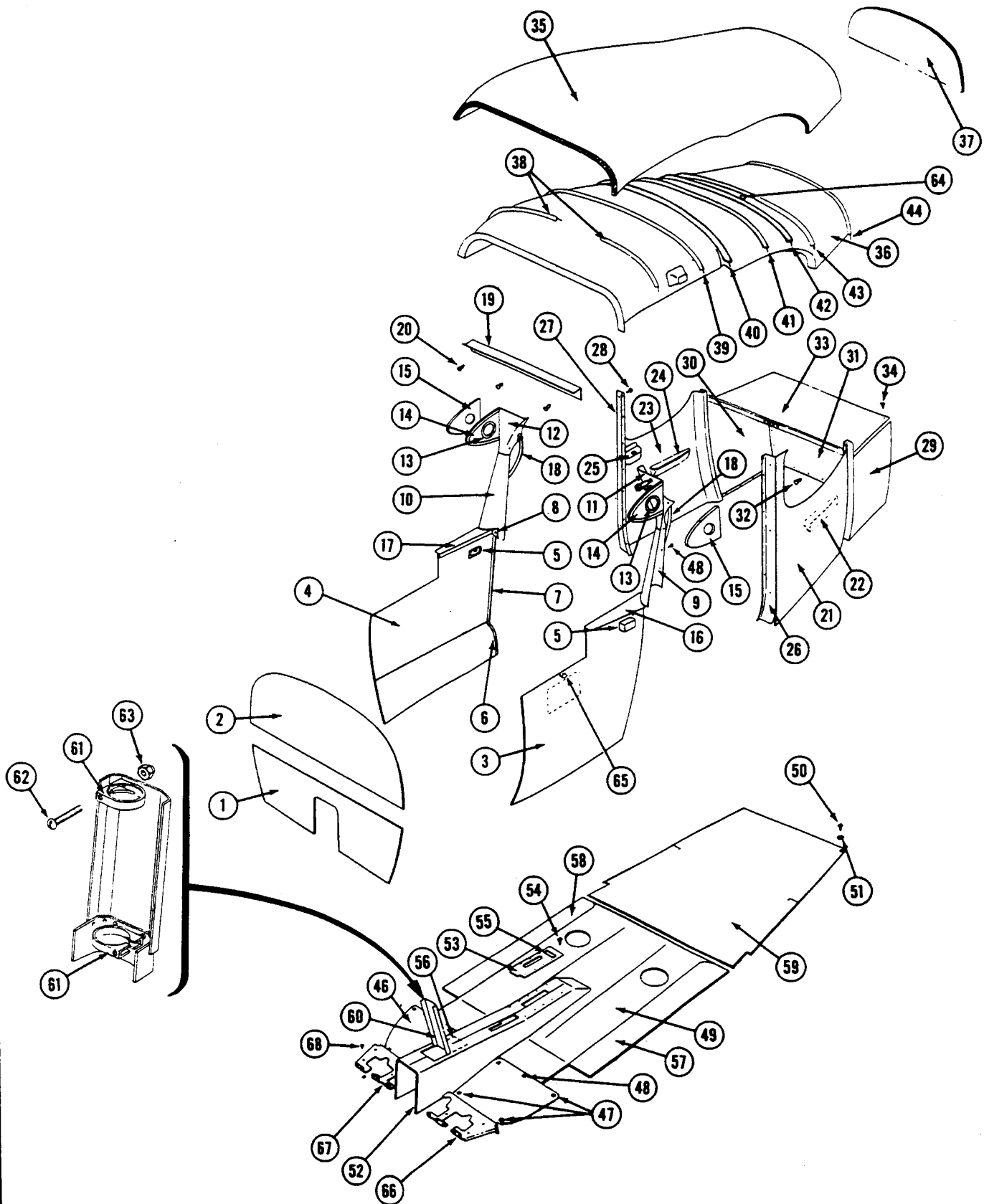


FIGURE 36. UPHOLSTERY INSTALLATION (SERIAL 25373 THRU 26995)

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
36-	No Number	Upholstery Installation - (Serial 25373 thru 26995) (see figure 1 for NHA)	Ref
-1	0500100-1	Panel Assembly - Firewall lower (serial 25373 thru 26038)	1
	0500101-1	Panel Assembly - Firewall lower (serial 26039 thru 26504)	1
	0500102-1	Panel Assembly - Firewall lower (serial 26505 thru 26995)	1
-2	0500100-79	Panel Assembly - Firewall upper (serial 25373 thru 26038)	1
	0500101-79	Panel Assembly - Firewall upper (serial 26039 thru 26504)	1
	0500102-79	Panel Assembly - Firewall upper (serial 26505 thru 26995)	1
-3	0500100-7	Panel Assembly - Left sidewall front (serial 25373 thru 26038)	1
	0500101-7	Panel Assembly - Left sidewall front (serial 26039 thru 26504)	1
	0500102-7	Panel Assembly - Left sidewall front (serial 26505 thru 26995)	1
-4	0500100-8	Panel Assembly - Right sidewall front (serial 25373 thru 26038)	1
	0500101-8	Panel Assembly - Right sidewall front (serial 26039 thru 26504)	1
	0500102-8	Panel Assembly - Right sidewall front (serial 26505 thru 26995)	1
-5	0411030-4	Ash Receiver	2
	PK76XZ-4-8	Screw - (Attach ash receiver)	2
	NAS446-1	Nut - (Tinnerman A1776-4Z-3)(attach ash receiver)	1
-6	0700100-193	Retainer - Upholstery	2
	PK89XA-4-4	Screw - (Attach retainer)	2
-7	0411730	Channel - Upholstery retainer	2
	PK88XA-4-6	Screw - (Attach retainer)	10
	#600	Washer - Finishing (attach retainer)(AU-VE-CO)	10
-8	0511152	Fairing - Corner	2
	PK76XZ-6-6	Screw - (Attach fairing)	1
-9	0511137-8	Cover - Left door post	1
	0713210-4	Decal - Map light	1
-10	0511137-1	Cover - Right door post	1
-11	0511169-4	Shield Assembly - Left door post upper	1
-12	0511169-1	Shield Assembly - Right door post upper	1
-13	0413235	Grommet - Shield	1
-14	0411875-7	Moulding - Windshield	2
-15	0511001-133	Soundproofing - Shield	1
-16	0500100-11	Fairing Assembly - LH	1
-17	0500100-12	Fairing Assembly - RH	4
	PK76XZ-6-6	Screw - (Attach fairings)	2
-18	0511001-129	Strap - Assist	4
	T-5/8	Screw - (Attach assist straps)(AU-VE-CO)	1
-19	0511130	Shield - Front spar trim	3
-20	#49265	Fastener - United Carr (attach front spar trim)	1
-21	0500100-5	Panel Assembly - Left aft (serial 25373 thru 26038)	1
	0500101-5	Panel Assembly - Left aft (serial 26039 thru 26504)	1
	0500102-5	Panel Assembly - Left aft (serial 26505 thru 26995)	1
-22	0500100-29	Arm Rest Assembly - LH (serial 25373 thru 26038)	1
	0500101-29	Arm Rest Assembly - LH (serial 26039 thru 26504)	1
	0500102-29	Arm Rest Assembly - LH (serial 26505 thru 26995)	1
-23	0500100-6	Panel Assembly - Right aft (serial 25373 thru 26038)	1
	0500101-6	Panel Assembly - Right aft (serial 26039 thru 26504)	1
	0500102-6	Panel Assembly - Right aft (serial 26505 thru 26995)	1
-24	0500100-30	Arm Rest Assembly - RH (serial 25373 thru 26038)	1
	0500101-30	Arm Rest Assembly - RH (serial 26039 thru 26504)	1
	0500102-30	Arm Rest Assembly - RH (serial 26505 thru 26995)	6
	PK76XZ-8-8	Screw - (Attach arm rests)	6
	NAS395-12-3	Nut - (Tinnerman A1786-8Z-3)(attach arm rests)	2
-25	C-6861	Receiver - Ash (Grand Rapids Medal Craft Co.)	4
	PK76XZ-8-8	Screw - (Attach ash receiver)	4
	NAS395-12-3	Nut - (Tinnerman A1786-8Z-3)(Attach ash receiver)	1
-26	0511177	Fairing - LH rear door post	1
-27	0511177-1	Fairing - RH rear door post	16
-28	PK76XZ-6-6	Screw - (Attach fairing)	1
-29	0500100-3	Panel Assembly - Baggage compartment LH (serial 25373 thru 26038)	1
	0500101-3	Panel Assembly - Baggage compartment LH (serial 26039 thru 26504)	1
	0500102-3	Panel Assembly - Baggage compartment LH (serial 26505 thru 26995)	1
-30	0500100-4	Panel Assembly - Baggage compartment RH (serial 25373 thru 26038)	1
	0500101-4	Panel Assembly - Baggage compartment RH (serial 26039 thru 26504)	1
	0500102-4	Panel Assembly - Baggage compartment RH (serial 26505 thru 26995)	1
-31	0700100-2	Panel Assembly - Baggage compartment rear	18
-32	#49265	Fastener - United Carr (attach rear baggage panel)	1
-33	0513013	Shelf Assembly - Baggage	10
-34	PK76XZ-4-4	Screw - (Attach baggage shelf)	1
-35	0511001-186	Panel Assembly - Cabin top soundproof	1
-36	0500100-28	Headliner Assembly (Serial 25373 thru 26038)	1
	0500101-28	Headliner Assembly (Serial 26039 thru 26504)	1

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
36-	0500102-28	Headliner Assembly (serial 26505 thru 26995)	1
-37	0500100-15	Panel Assembly - Cabin rear upper soundproof (serial 25373 thru 26038)	1
	0500101-15	Panel Assembly - Cabin rear upper soundproof (serial 26039 thru 26504)	1
	0500102-15	Panel Assembly - Cabin rear upper soundproof (serial 26505 thru 26995)	1
-38	0511001-22	Wire - Headliner	2
-39	0511001-20	Wire - Headliner	1
-40	0700100-191	Wire - Headliner	1
-41	0511001-147	Wire - Headliner	1
-42	0511001-148	Wire - Headliner	1
-43	0511001-149	Wire - Headliner	1
-44	0511001-21	Wire - Headliner	1
-45	0500100-173	Kick Plate - Floorboard LH	1
-46	0500100-174	Kick Plate - Floorboard RH	1
-47	PK76XZ-8-8	Screw - (Attach kick plates)	8
-48	PK86XA-4-6	Screw - Nickel plated	2
-49	0500100-27	Carpet - Cabin floor (serial 25373 thru 26038)	1
	0500101-27	Carpet - Cabin floor (serial 26039 thru 26504)	1
	0500102-27	Carpet - Cabin floor (serial 26505 thru 26995)	1
-50	PK88XA-4-6	Screw - (Attach carpet)	13
-51	#600	Washer - Finishing (attach carpet)(AU-VE-CO)	13
-52	0500100-33	Carpet Assembly - Tunnel (serial 25373 thru 26038)	1
	0500101-33	Carpet Assembly - Tunnel (serial 26039 thru 26504)	1
	0500102-33	Carpet Assembly - Tunnel (serial 26505 thru 26995)	1
-53	0510185	Cover Plate Assembly - Tunnel aft	1
-54	PK76XZ-8-10	Screw - (Attach cover plate)	9
-55	0511168	Placard - Fuel selector valve	1
-56	0510141	Cover Plate - Tunnel forward	1
	PK76XZ-8-6	Screw - (Attach cover plate)	4
-57	0500100-25	Carpet - Side strip LH (serial 25373 thru 26038)	1
	0500101-25	Carpet - Side strip LH (serial 26039 thru 26504)	1
	0500102-25	Carpet - Side strip LH (serial 26505 thru 26995)	1
-58	0500100-26	Carpet - Side strip RH (serial 25373 thru 26038)	1
	0500101-26	Carpet - Side strip RH (serial 26039 thru 26504)	1
	0500102-26	Carpet - Side strip RH (serial 26505 thru 26995)	1
-59	0500100-34	Carpet - Baggage compartment floor (serial 25373 thru 26038)	1
	0500101-34	Carpet - Baggage compartment floor (serial 26039 thru 26504)	1
	0500102-34	Carpet - Baggage compartment floor (serial 26505 thru 26995)	1
-60	0411293	Shield - Control tee	1
-61	0411840	Clamp - Shield attachment	2
-62	AN526-632R-36	Screw - (Attach clamp)	2
-63	AN365-632	Nut - (Attach clamp)	2
-64	0511186	Hook - Coat hanger	1
	0500010-4	Washer	1
-65	0511018	Hook - Earphone	1
	PK76XZ-6-6	Screw - (Attach hook)	2
	NAS446-3-3	Nut - (Attach hook)(Tinnerman A1777-6Z-3)	2
-66	0513014	Shield - Rudder bar LH	1
-67	0513015	Shield - Rudder bar RH	1
-68	PK76XZ-8-8	Screw - (Attach shield)	16
	A1778-8Z-3	Nut - (Attach shield)	8

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ILLUSTRATED PARTS CATALOG

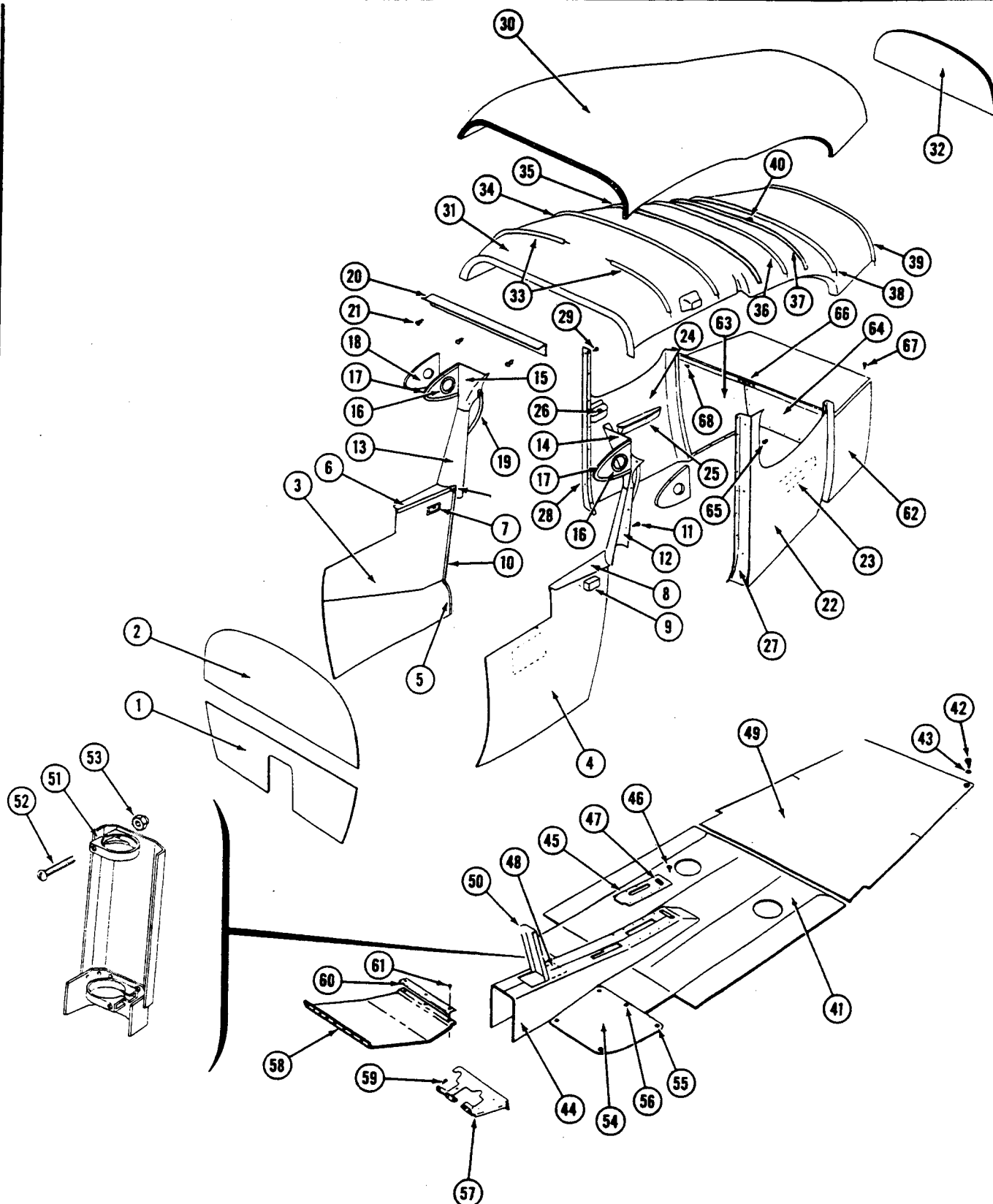


FIGURE 36A. UPHOLSTERY INSTALLATION (SERIAL 26996 AND ON)

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASSY
36A-	No Number	Upholstery Installation - (Serial 26996 & on) (see figure 1 for NHA)	Ref
-1	0500103-2	Panel Assembly - Firewall lower	1
-2	0500103-1	Panel Assembly - Firewall upper	1
-3	0500103-8	Panel Assembly - Right sidewall	1
-4	0500103-9	Panel Assembly - Left sidewall	1
-5	0700103-193	Retainer - Upholstery	2
	PK89XA-4-4	Screw - (Attach retainer)	1
-6	0500103-14	Panel Assembly - Right side top	1
-7	0411030-4	Ash Receiver	2
	PK76XZ-4-8	Screw - (Attach ash receiver)	2
	NAS446-1	Nut - (Attach ash receiver) (Tinnerman 1776-4Z-3)	1
-8	0500103-15	Panel Assembly - Left side top	1
	0513028-1	Decal - Operational limitation	1
-9	0411030-4	Ash Receiver	2
	PK76XZ-4-8	Screw - (Attach ash receiver)	2
	NAS446-1	Nut - (Attach ash receiver) (Tinnerman 1776-4Z-3)	2
-10	0511297	Channel - Upholstery retainer	9
-11	PK88XA-4-6	Screw - Nickel plate	10
	#600	Washer - Finishing (attach retainer) (AU-VE-CO)	1
-12	0511137-13	Cover - Left door post	1
	0713210-4	Decal - Map light	1
-13	0511137-12	Cover - Right door post	1
-14	0511169-4	Shield Assembly - Left door post upper	1
-15	0511169-1	Shield Assembly - Right door post upper	1
-16	0413235	Grommet - Shield	1
-17	0411875-7	Moulding - Windshield	8
	PK76XA-4-6	Screw - (Attach shield)	2
-18	0511001-133	Soundproofing - Shield	2
-19	0511001-129	Strap - Assist	4
	T-5/8	Screw - (Attach assist strap) (AU-VE-CO)	1
-20	0511130	Shield - Front spar	3
-21	49265-F-938	Fastener - United Carr (attach front spar trim)	1
-22	0500103-17	Panel Assembly - Left aft	1
-23	0500103-108	Arm Rests Assembly - LH	1
-24	0500103-16	Panel Assembly - Right aft	1
-25	0500103-109	Arm Rests Assembly - RH	6
	PK76XZ-8-8	Screw - (Attach arm rests)	6
	A1786-8Z-3	Nut - (Attach arm rests)	1
-26	C-6881	Receiver - Ash (Grand Rapids Metal Craft Co)	4
	PK76XZ-8-8	Screw - (Attach ash receiver)	4
	A1786-8Z-3	Nut - (Attach ash receiver)	1
-27	0511177-3	Fairing - LH rear door post	1
-28	0511177-2	Fairing - RH rear door post	20
-29	PK76XZ-6-6	Screw - (Attach fairings)	1
-30	0511001-186	Panel Assembly - Cabin top soundproof	1
-31	0500103-107	Headliner Assembly	1
-32	0500103-5	Panel Assembly - Cabin rear upper soundproof	2
-33	0511001-22	Wire - Headliner	1
-34	0511001-20	Wire - Headliner	1
-35	0700100-191	Wire - Headliner	1
-36	0511001-147	Wire - Headliner	1
-37	0511001-148	Wire - Headliner	1
-38	0511001-149	Wire - Headliner	1
-39	0511001-21	Wire - Headliner	1
-40	0511186	Hook - Coat hanger	1
	0500010-4	Washer	1
-41	0500103-40	Carpet - Cabin floor	13
-42	PK88A-4-6	Screw - (Attach carpet)	13
-43	#600	Washer - Finishing (attach carpet) (AU-VE-CO)	1
-44	0500103-101	Carpet Assembly - Tunnel	1
-45	0510185	Cover Plate Assembly - Tunnel	9
-46	PK76XZ-8-10	Screw - (Attach cover plate)	1
-47	0511168	Placard - Fuel selector valve	1
-48	0510141	Cover Plate - Tunnel	4
	PK76XZ-8-6	Screw - (Attach cover plate)	1
-49	0500102-34	Carpet - Baggage compartment floor	1
-50	0411293	Shield - Control tee	1

ORDER BY PART NUMBER AND NAME SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
36A-51	0411840	. Clamp - Shield attachment	2
-52	AN526-632R36	. Screw - (Attach clamp)	2
-53	AN365-632	. Nut - (Attach clamp)	2
-54	0500100-173	. Kick Plate - Floorboard LH	1
-55	PK76XZ-8-8	. Screw - (Attach kick plate)	4
-56	PK86A-4-6	. Screw - Nickel plate	1
-57	0513014-1	. Shield - Rudder box LH	1
-58	0713049-3	. Shield - Rudder bar RH	1
-59	PK76XZ-6-8	. Screw - (Attach shields)	15
	NAS446-4-3	. Nut - (Attach shields) (Tinnerman A1778-8Z-3)	3
-60	0713049-7	. Retainer	1
-61	PK76XZ-8-14	. Screw - (Attach retainer)	3
-62	0500103-37	. Panel Assembly - Baggage compartment LH	1
-63	0500103-38	. Panel Assembly - Baggage compartment RH	1
-64	0700100-2	. Panel Assembly - Baggage compartment rear	1
-65	49265-F-938	. Fastener - United Carr (attach rear baggage shelf)	18
-66	0513013-9	. Shelf Assembly - Baggage	1
-67	PK76XZ-4-4	. Screw - (Attach baggage shelf)	10
-68	AN3-4A	. Bolt - (Attach baggage shelf)	4

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ILLUSTRATED PARTS CATALOG

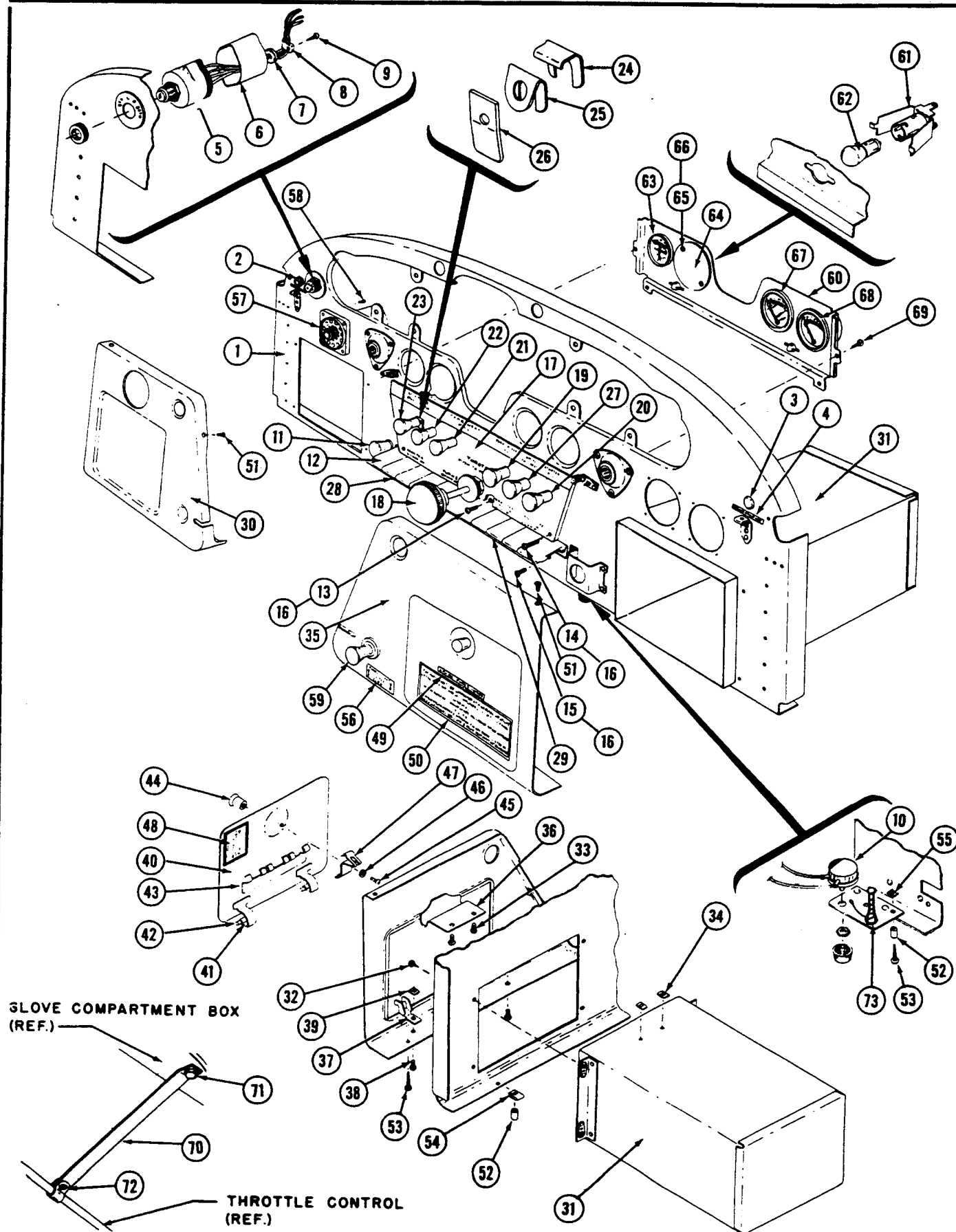


FIGURE 37. STATIONARY INSTRUMENT PANEL EQUIPMENT (SERIALS 20267 THRU 25372)

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
37-	No Number	Stationary Panel Equipment Installation (0413116 Ref.) (serial 20267 thru 25372) (see figure 1 for NHA)	Ref
-1	0513111	Panel Assembly - Stationary (see figure 38 for breakdown) (see fig. 19 for NHA)	1
-2	0411038-1	Jack - Headphone	1
-3	#41892	Plug Button - (United Carr)	1
-4	0413166-3	Decal - Headphone	2
-5	0311038-2	Switch - Ignition	1
-6	0311777	Shield Assembly - Ignition switch	1
-7	AN931-4-7	Grommet	1
-8	AN742-D3	Clamp - (Tinnerman #2980A-3)	1
-9	PK76XZ-6-6	Screw - (Attach clamp)	1
-10	0413126	Rheostat Assembly - Panel light (with knob)	1
-11	0413215	Primer Assembly - Engine	1
	0413017	Knob - Primer	1
	AN6227-7	"O" Ring - (Packing for primer)	1
-12	0412477-4	Panel Assembly - Switch and fuse (see figure 39 for breakdown)	1
-13	AN515-8R12	Screw - (Attach switch panel)	2
-14	AN507-832R8	Screw - (Attach switch panel)	2
-15	AN515-8R8	Screw - (Attach switch panel)	4
-16	AN365-832	Nut - (Attach switch panel)	8
-17	0413316-4	Plate - Instrument panel plexiglass decoration	1
-18	0411091-2	Control - Throttle	1
	AN960-A816L	Washer - (Front of panel throttle mounting)	1
-19	0411090-1	Control - Parking brake (serial 25000 thru 25372)	1
	0411090-15	Control - Parking brake (serial 25000 & on)	1
-20	0411090-3	Control - Starter	1
-21	0411090-4	Control - Carburetor heat	1
-22	0411089	Knob - Push-pull control (optional control provision)	2
	AN526-10R14	Screw - (Attach knob)	1
-23	0411090-2	Control - Fuel mixture	1
-24	0413336	Bracket - Control stop	1
-25	0413337	Clip - Control stop	1
-26	0413335	Arm - Control stop	1
-27	0411090-2	Control - Cabin heat	1
-28	0413226-4	Decal - Fuse (generator, radio, and navigation lights)	1
-29	0413226-7	Decal - Fuse (dome, panel, heater, landing light & lighter)	1
-30	0513130-2	Cover - Instrument panel left (without radio cutout)	1
-31	0412499	Box Assembly - Glove compartment	1
-32	PK76XZ-8-8	Screw - (Attach glove compartment box)	4
-33	PK76XZ-8-6	Screw - (Attach glove compartment box)	2
-34	NAS446-4	Nut - (Attach glove compartment box) (Tinnerman A1778-8Z-3)	2
-35	0513114-4	Cover Assembly - Instrument panel right	1
-36	0513115	Latch - Glove compartment door	1
-37	0413109	Hinge - Glove compartment door	2
-38	PK76XZ-8-6	Screw - (Attach lower hinge)	2
-39	NAS446-4	Nut - (Attach lower hinge) (Tinnerman #A1787-8Z-3)	2
-40	0413114	Door Assembly - Glove compartment	1
-41	0413208	Hinge Assembly - Glove compartment door	2
-42	0413209	Pin - Hinge	1
-43	0411099	Retainer - Spare fuse	1
-44	0411092	Knob - Pull	1
-45	AN526-632R5	Screw - (Attach door knob)	1
-46	AN936-A6	Washer - (Attach door knob)	1
-47	0413272	Catch - Glove compartment door	1
-48	0413114-1	Decal - Oil temperature	1
-49	0411749-5	Decal - Spare fuses	1
-50	0513028	Decal - Category	1
-51	PK76XZ-4-8	Screw - (Attach panel cover)	4
-52	0413117	Spacer - Instrument panel cover	4
-53	PK76XZ-8-10	Screw - (Attach bottom of panel cover)	4
-54	NAS395-18-3	Nut - (Attach bottom of panel cover) (Tinnerman #A1787-8Z-3)	3
-55	NAS446-4	Nut - (Attach bottom of panel cover) (Tinnerman A1778-8Z-3)	1
-56	0513021	Decal - Panel light switch	1
-57	0511062-2	Indicator - Stall warning	1
	0511060-1	Lamp - Stall warning indicator	1
-58	AN526-632R9	Screw - (Attach stall warning indicator)	4
-59	0411093-1	Lighter - Cigar	1
	0413118-3	Sub Panel Assembly	1
-60	0412491	Sub Panel - Stationary instrument	1
-61	0411035-1	Light Socket - Instrument panel	2

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
37-62	0511060	Bulb - Instrument light	2
-63	0411020-1	Ammeter	1
-64	0413206	Cover - Instrument opening	1
-65	AN515-6R8	Screw - (Attach cover)	2
-66	AN365-632	Nut - (Attach cover)	2
-67	0411016-2	Gage - Oil pressure	1
-68	0411017-3	Gage - Oil temperature	1
-69	PK76XZ-8-8	Screw - (Attach sub panel)	2
-70	0413116-5	Bracket - Throttle control support	1
-71	AN3-3A	Bolt - (Attach bracket)	1
	AN365-1032	Nut - (Attach bracket)	1
-72	NAS435-D4	Clamp - (Secure throttle control) (Tinnerman A3047A-4)	1
	PK76XZ-8-6	Screw - (Attach clamp)	1
-73	1HJ5	Resistor-5 ohm	1

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

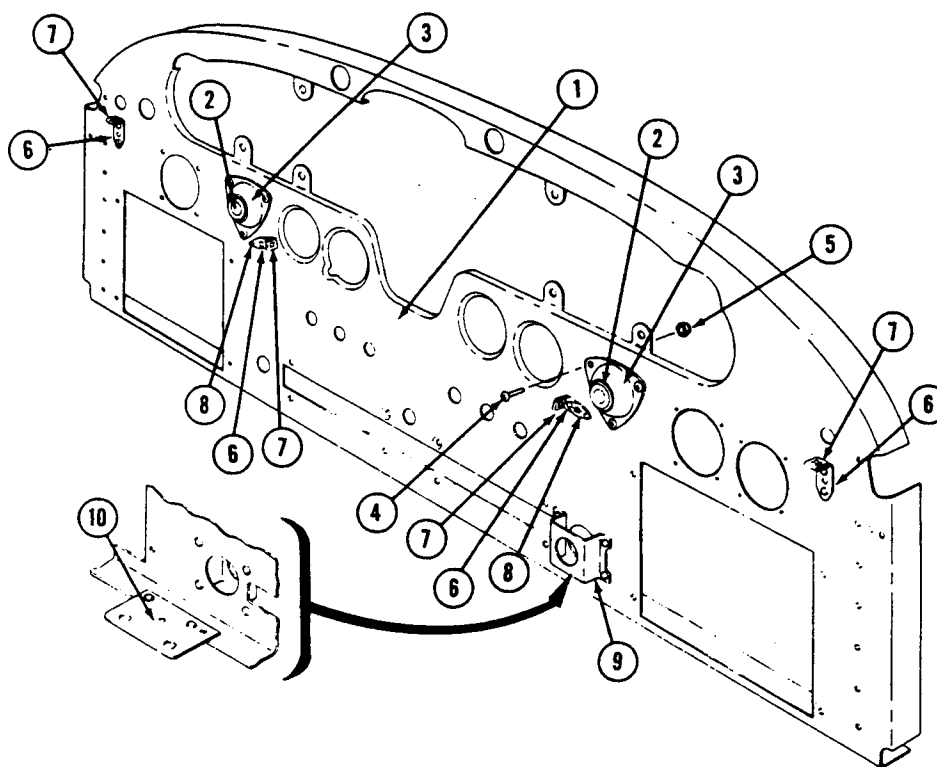


FIGURE 38. STATIONARY INSTRUMENT PANEL ASSEMBLY (SERIALS 20267 THRU 25372)

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
38-	0513111	Panel Assembly - Stationary instrument (see figure 19 for NHA)	Ref.
-1	0513110	Panel - Stationary	1
-2	0411224	Ball - Control tube instrument panel guide	2
-3	0411225	Socket - Instrument panel center tube	4
-4	AN526-632R8	Screw - (Attach socket to panel)	6
-5	AN365-632	Nut - (Attach socket to panel)	6
-6	0413151	Bracket - Panel shield mounting	4
-7	NAS395-1-3	Nut - (Tinnerman #A6187-4Z-3)	4
-8	NAS444-4	Nut - (Tinnerman #A6191-8Z-3)	2
-9	0413128	Bracket - Cigar lighter	1
-10	0413131	Bracket - Panel light dimming switch	1

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

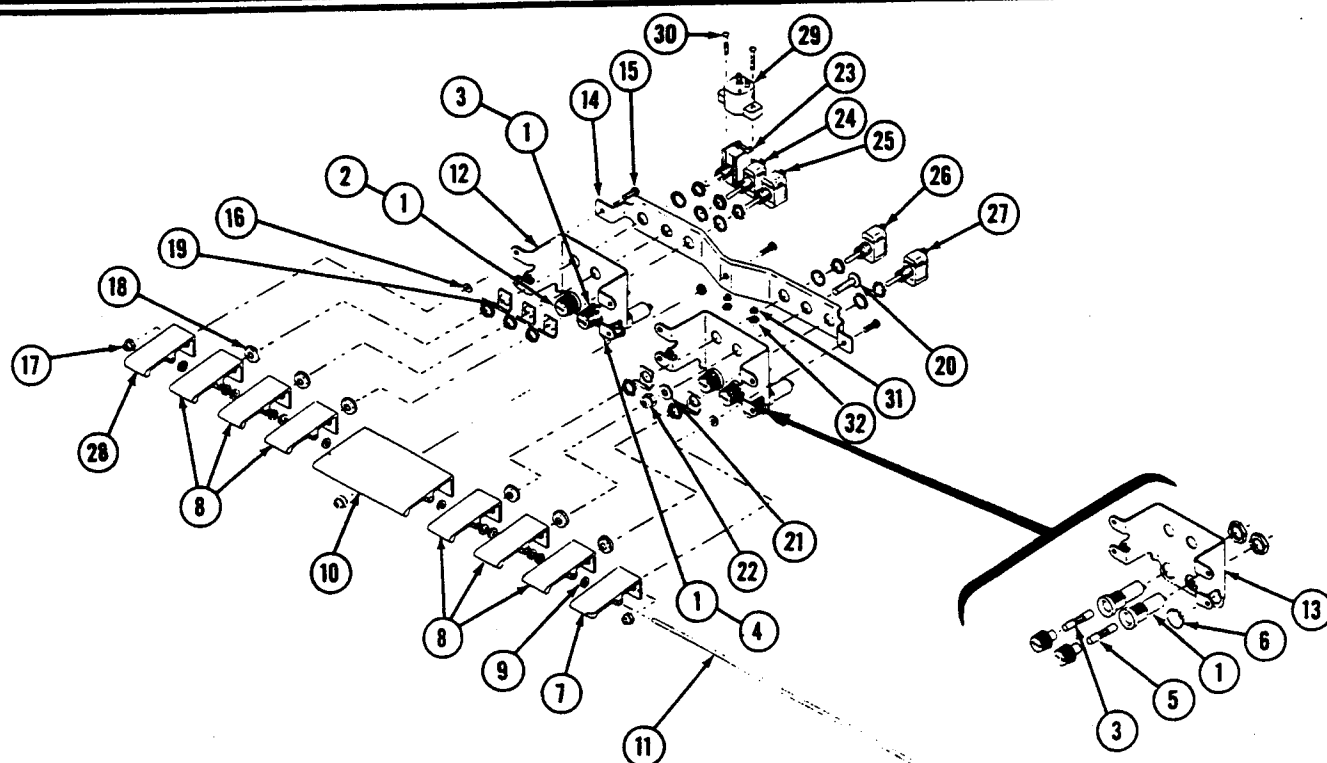


FIGURE 39. SWITCH AND FUSE PANEL ASSEMBLY (SERIALS 20267 THRU 25372)

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
39-	0412477-4	Panel Assembly - Switch and fuse (see figure 37 for NHA)(serials 20267 thru 25372)	Ref
-1	0411023-1	Retainer - Fuse	5
-2	0411023-6	Fuse - (20 amp) (serial 20452 & on)	1
	0411023-3	Fuse - (15 amp) (serial 20267 thru 20452)	1
-3	0411023-3	Fuse - (15 amp)	2
-4	0411023-2	Fuse - (10 amp)	2
-5	0411023-4	Fuse - (25 amp)	1
-6	48172	Button - Plug (United Carr)	1
-7	0412474	Fairing - Switch panel left	1
-8	0412473	Handle - Switch	6
-9	AN960-6	Washer - (Switch handle spacer)	12
-10	0413143	Fairing - Switch panel center	1
-11	0412472	Pin - Hinge	1
-12	0412475	Bracket - Switch mounting left	1
-13	0412475-1	Bracket - Switch mounting right	1
-14	0413240	Bracket - Switch bar	1
-15	AN526-1032R8	Screw - (Attach end and center fairings)	3
-16	AN960-10	Washer - (Attach end and center fairings)	3
-17	AN365-1032	Nut - (Attach end and center fairings)	3
-18	AN931-4-7	Grommet	6
-19	0411889	Clip - Switch limit	5
-20	AN526-428R12	Screw - (Lock Handle)	1
-21	AN960-516L	Washer - (Lock handle)	1
-22	AN365-428	Nut - (Lock handle)	1
-23	AN3027-1	Switch - Master	1
-24	AN3021-1	Switch - Radio	1
-25	AN3021-1	Switch - Turn & bank	1
-26	AN3021-1	Switch - Navigation lights	1
-27	AN3021-1	Switch - Landing light	1
-28	0412474-1	Fairing - Switch panel right	1
-29	CA-2	Circuit Breaker - Klixon	1
-30	AN515-8R12	Screw - (Attach circuit breaker)	2
-31	AN936-A8	Washer - (Attach circuit breaker)	2
-32	AN340-8	Nut - (Attach circuit breaker)	2

ILLUSTRATED PARTS CATALOG

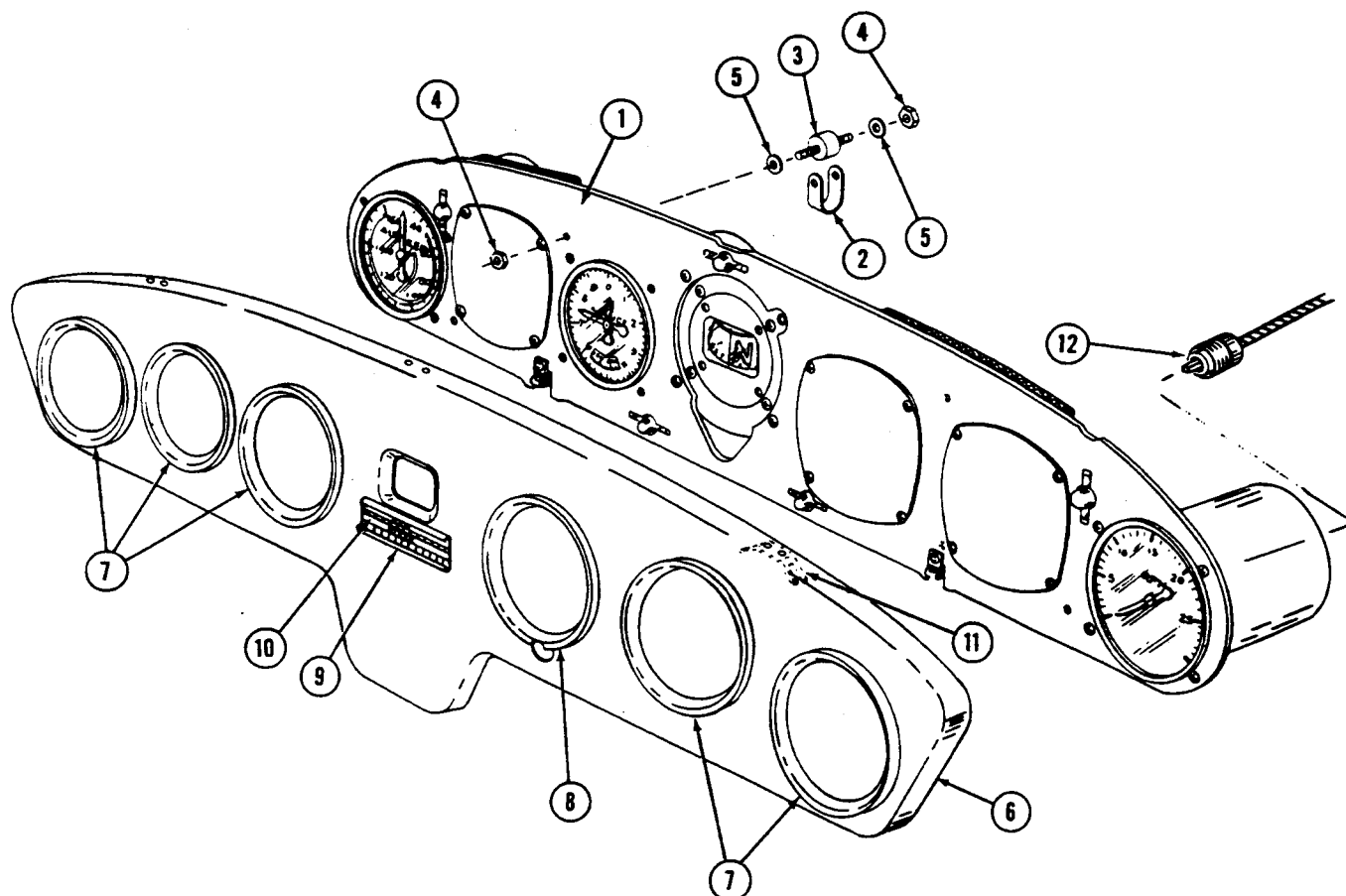


FIGURE 40. SHOCK MOUNTED INSTRUMENT PANEL INSTALLATION (SERIALS 20267 THRU 25372)

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
40-	No Number	Shock Mounted Instrument Panel Installation - (Serial 20267 thru 25372) (0413116 Ref.) (see figure 1 for NHA)	Ref
-1	0412516-7	Panel Assembly - Shock (see figure 41 for breakdown)	1
-2	0413247	Strap - Shock panel ground	1
-3	0411059-1	Mount - Instrument panel shock	6
-4	AN340-B8	Nut - (Attach instrument panel mount)	12
-5	AN936A8	Washer - (Attach instrument panel mount)	12
-6	0412518	Cover Assembly - Shock panel	1
-7	0412487-3	Bezel	5
-8	0412487-4	Bezel	1
-9	0513020	Retainer - Compass card	1
-10	0513012	Card - Compass	1
-11	0412486	Clip - Shock panel cover	1
-12	0450017-7	Shaft-Tachometer	1

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

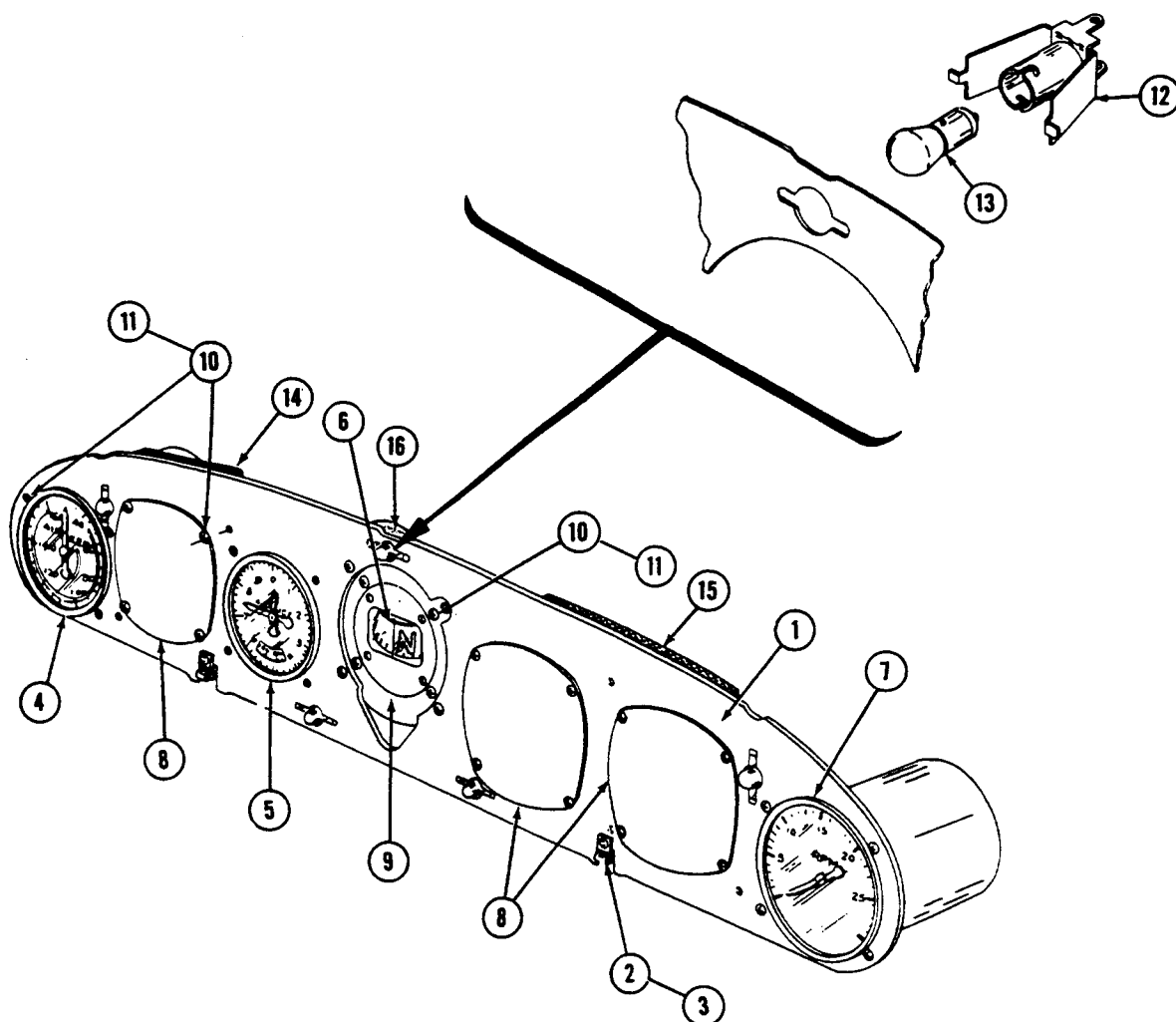


FIGURE 41. SHOCK MOUNTED INSTRUMENT PANEL ASSEMBLY (SERIALS 20267 THRU 25372)

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
41-	0412516-7	Panel Assembly - Shock mounted instrument (see figure 40 for NHA)	Ref
-1	0513025	Sub Assembly - Shock panel	1
-2	0411896	Bracket - Shock panel cover	2
-3	NAS395-3-3	Nut - (Tinnerman #4052-6Z-3)	3
-4	0411086-10	Airspeed Indicator	1
-5	0411007-7	Altimeter	1
-6	0411008-2	Compass	1
	AN3136-323	Lamp	1
-7	0411087-23	Tachometer	1
-8	0411897	Cover - Instrument opening	1
-9	0411897-3	Plate - Adapter	1
-10	AN515B6R12	Screw - (Attach instruments & covers)	31
-11	AN365B632	Nut - (Attach instruments & covers)	31
-12	0411035	Socket - Instrument light	5
-13	0511060	Bulb - Instrument light	5
-14	0412516-10	Damper - Shock panel left felt	1
-15	0412516-11	Damper - Shock panel right felt	1
-16	0412516-12	Damper - Shock panel center felt	1

ORDER BY PART NUMBER AND NAME SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

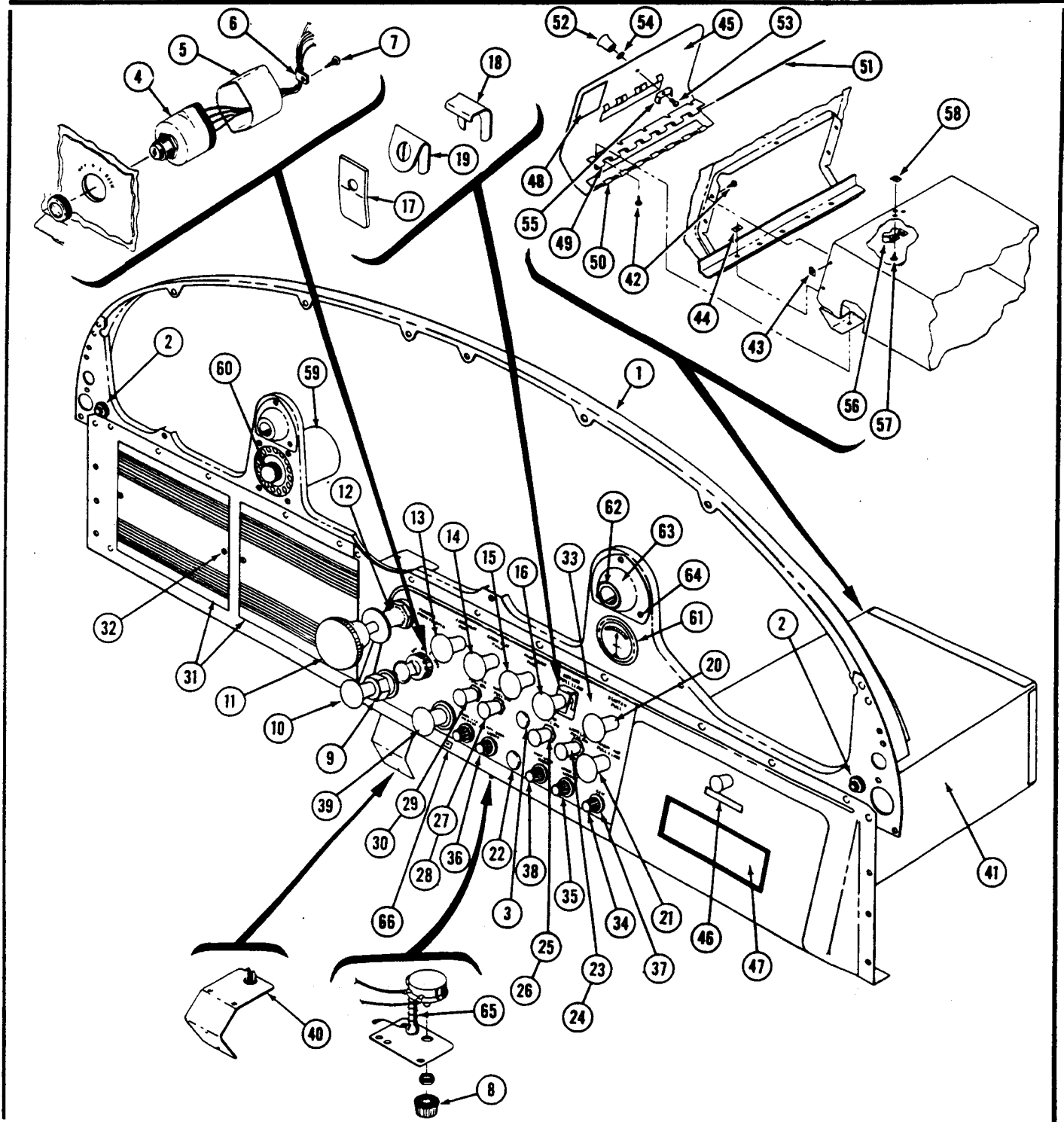


FIGURE 42. STATIONARY INSTRUMENT PANEL EQUIPMENT (SERIAL 25373 THRU 26038)

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
42-	No Number	Stationary Panel Equipment Installation - (Serial 25373 thru 26038) (0513004 Ref.)(see figure 1 for NHA)	Ref
-1	0513004-1	Panel Assembly - Stationary (see fig. 20 for NHA)	Ref
-2	0411038	Jack - Headphone	2
-3	NAS451-45	Plug Button - United Carr	2

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
42-4	0311038-2	Switch - Ignition	1
-5	0311777	Shield Assembly - Ignition Switch	1
	AN931-4-7	Grommet	1
-6	AN742-D3	Clamp - (Tinnerman #2980A-3)	1
-7	PK76XZ-6-6	Screw - (Attach clamp)	1
-8	0413126-4	Rheostat Assembly - Panel light (with knob)	1
-9	0413215-1	Primer Assembly - Engine	1
-10	0413017-1	Knob - Primer	1
-11	0411091-9	Control - Throttle	1
-12	0513004-16	Adapter - Throttle control	1
-13	0411090-12	Control - Carburetor heat	1
-14	0411090-11	Control - Cabin heat	1
-15	0411090-9	Control - Parking brake	1
-16	0411090-10	Control - Carburetor mixture	1
-17	0413335-11	Arm - Control lock	1
-18	0413336	Bracket - Control lock	1
-19	0413337	Clip - Control lock	1
-20	0411090-11	Control - Starter	1
-21	0411090-13	Control - Cabin air push-pull	1
-22	NAS451-10	Plug Button	1
-23	0713035	Switch Assembly - Landing light	1
-24	0411092-1	Knob - Landing light switch	1
-25	0713026-4	Switch - Radio	1
-26	0411092-1	Knob - Radio switch	1
-27	0713026-4	Switch - Navigation light	1
-28	0411092-1	Knob - Navigation light switch	1
-29	0713026-5	Switch - Master	1
-30	0411092-1	Knob - Master switch	2
-31	0513005	Cover - Plastic	4
-32	PK76XZ-4-6	Screw - (Attach cover)	4
	NAS446-1	Nut - (Attach cover)	1
-33	0513032	Plate - Instrument panel decorative plexiglas	5
-34	0411023-1	Retainer - Fuse	2
-35	0411023-3	Fuse - 15 amp	1
-36	0411023-2	Fuse - 10 amp	1
-37	0411023-6	Fuse - 20 amp	1
-38	0411023-4	Fuse - 25 amp	1
-39	0513052-1	Lighter Assembly - Cigar	1
-40	0713203-1	Bracket Assembly - Microphone (optional)	1
-41	0513031-4	Box Assembly - Glove	10
-42	PK76XZ-6-6	Screw - (Attach glove box)	5
-43	NAS488-1-3	Nut - (Attach glove box) (Tinnerman A6310-6Z-3)	5
-44	NAS446-2-3	Nut - (Attach glove box) (Tinnerman A1181-6Z-3)	1
	0513004-5	Door Assembly - Glove box	1
-45	0413005-17	Door - Glove box	1
-46	0411749-5	Decal - Spare fuse	1
-47	0513028	Decal - Operational limitation	1
-48	0413114-1	Decal - Service information	1
-49	0413005-8	Hinge Half - Glove box door	1
-50	AN257HP3	Hinge Half - Glove box door	1
-51	AN253-2-725	Pin - Hinge	1
-52	0411092-1	Knob - Glove box door	1
-53	AN526-832R5	Screw - (Attach glove box door knob)	1
-54	AN936-A8	Washer - (Attach glove box door knob)	1
-55	0713009-1	Clip - (Attach glove box door knob)	1
-56	0713009-2	Catch - Glove box door	2
-57	PK76XZ-6-6	Screw - (Attach glove box door catch)	2
-58	NAS446-2	Nut - (Attach glove box door catch)	1
-59	0511062-2	Indicator - Stall warning	1
-60	0511062-3	Lamp - Stall warning indicator	1
-61	0411020	Ammeter	2
-62	0411224	Ball - Control tube	4
-63	0411225	Socket - Control tube	6
-64	AN526-632R8	Screw - (Attach control tube socket)	6
	AN365-632	Nut - (Attach control tube socket)	1
-65	No Number	Resistor - (60 ohm 10 watt wire wound)(Ohmite Manufacturing Co.)	1
-66	0513021	Decal - Panel light	1

ILLUSTRATED PARTS CATALOG

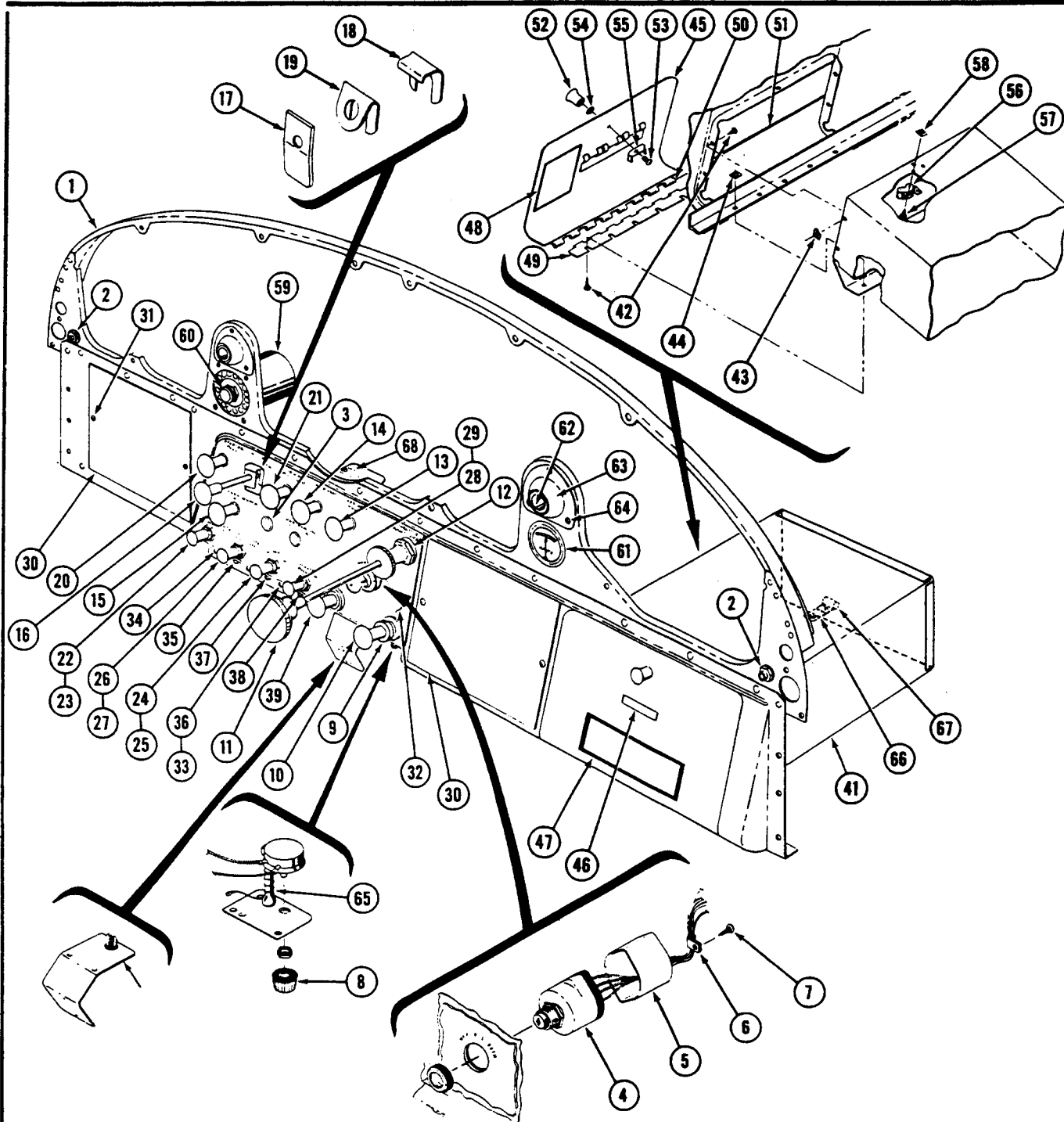


FIGURE 42A. STATIONARY INSTRUMENT PANEL EQUIPMENT (SERIAL 26039 THRU 26995)

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
42A-	No Number	Stationary Panel Equipment Installation (Serial 26039 thru 26995)(0513040 Ref.) (see figure 1 for NHA)	Ref
-1	0513040-3	Panel Assembly - Stationary (see figure 20 for NHA)	Ref
-2	0411038	Jack - Headphone	2
-3	51143	Plug Button - United Carr	2
-4	0311038-2	Switch - Ignition	1
-5	0311777	Shield Assembly - Ignition Switch	1

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
42A-	AN931-4-7	Grommet	1
-6	AN742-D3	Clamp - (Tinnerman A2980A-3)	1
-7	PK76XZ-6-6	Screw - (Attach clamp)	1
-8	0413126	Rheostat Assembly - Panel light (with knob)	1
-9	0311538-8	Primer Assembly - Engine	1
-10	0413017-1	Knob - Primer	1
-11	0411091-9	Control - Throttle	2
-12	0513004-16	Adapter - Throttle control	1
-13	0411090-8	Control - Carburetor heat	1
-14	0411090-5	Control - Cabin heat	1
-15	0411090-19	Control - Parking brake	1
-16	0411090-8	Control - Carburetor mixture	1
-17	0413335	Arm - Control lock	1
-18	0413336	Bracket - Control lock	1
-19	0413337	Clip - Control lock	1
-20	0411090-18	Control - Starter	1
-21	0411090-17	Control - Cabin air push-pull	1
-22	0713035	Switch Assembly - Landing light	1
-23	0411092-1	Knob - Landing light switch	1
-24	0713026-4	Switch - Radio	1
-25	0411092-1	Knob - Radio switch	1
-26	0713026-4	Switch - Navigation light	1
-27	0411092-1	Knob - Navigation light switch	1
-28	0713026-5	Switch - Master	1
-29	0411092-1	Knob - Master switch	2
-30	0513041	Cover - plastic	4
-31	PK76XZ-4-6	Screw - (Attach cover)	4
	NAS446-1-3	Nut - (Tinnerman A1776-4Z-3)(attach cover)	1
-32	0513043	Plate - Instrument panel decorative plexiglas	5
-33	0411023-1	Retainer - Fuse	2
-34	0411023-3	Fuse - 15 amp	1
-35	0411023-2	Fuse - 10 amp	1
-36	0411023-6	Fuse - 20 amp	1
-37	0411023-4	Fuse - 25 amp	1
-38	51142	Plug Button - United Carr	1
-39	0513052-1	Lighter Assembly - Cigar	1
-40	0713203-1	Bracket Assembly - Microphone (optional)	1
-41	0513036-3	Box Assembly - Glove	10
-42	PK76XZ-6-6	Screw - (Attach glove box)	5
-43	NAS488-1-3	Nut - (Tinnerman A6310-6Z-3)(attach glove box)	5
-44	NAS466-2-3	Nut - (Tinnerman A1181-6Z-3)(attach glove box)	1
	0513040-12	Door Assembly - Glove box	1
-45	0513040-11	Door - Glove box	1
-46	0411749-5	Decal - Spare fuse	1
-47	0513028	Decal - Operational limitations	1
-48	0413114-1	Decal - Service information	1
-49	0513004-8	Hinge Half - Glove box door	1
-50	AN257HP3	Hinge Half - Glove box door	1
-51	AN253-2-725	Pin - Hinge	1
-52	0411092-1	Knob - Glove box door	1
-53	AN526-832R5	Screw - (Attach glove box door knob)	1
-54	AN936-A8	Washer - (Attach glove box door knob)	1
-55	0713009-1	Clip - (Attach glove box door knob)	1
-56	0713009-2	Catch - Glove box door	2
-57	PK76XZ-6-6	Screw - (Attach glove box door catch)	2
-58	NAS446-2-3	Nut - (Tinnerman A1181-6Z-3)(attach glove box door catch)	1
-59	0511082-2	Indicator - Stall warning	1
-60	0511062-3	Lamp - Stall warning indicator	1
-61	0411020	Ammeter	2
-62	0411224	Ball - Control tube	4
-63	0411225	Socket - Control tube	6
-64	AN526-632R8	Screw - (Attach control tube socket)	6
	AN365-632	Nut - (Attach control tube socket)	1
-65	No Number	Resistor (60 ohm 10 watt wire wound)(Ohmite Manufacturing Co.)	1
-66	0413116-5	Strap	1
	AN3-3A	Bolt - (Attach strap to glove box)	1
	AN365-1032	Nut - (Attach strap to glove box)	1
-67	A3047A-4-92	Clamp - Tinnerman (attach throttle control to strap)	1
	PK76XZ-8-6	Screw - (Attach clamp)	1
-68	CA-2	Circuit Breaker - Klixon	1
	AN515B6R12	Screw - (Attach circuit breaker)	2

ILLUSTRATED PARTS CATALOG

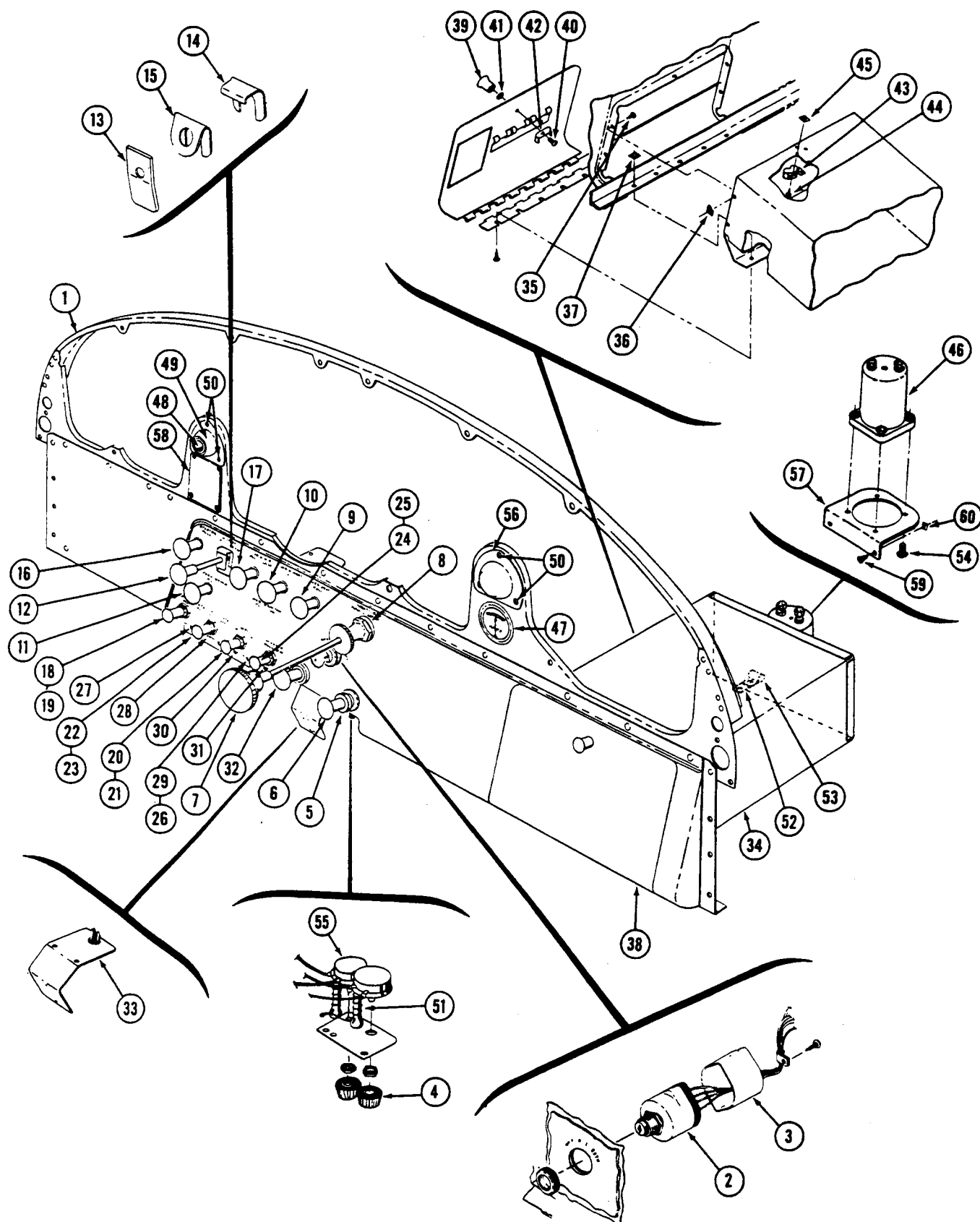


FIGURE 42B. STATIONARY INSTRUMENT PANEL EQUIPMENT (SERIAL 26996 AND ON)

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
42B-	No Number	Stationary Panel Equipment Installation - (Serial 26996 & on) (0513040 Ref) (see fig. 1 for NHA)	Ref
-1	0513040-23	Panel Assembly - Stationary (see figure 20 for NHA)	Ref
-2	0311038-2	Switch - Ignition	1
-3	0311777	Shield Assembly	1
-4	0413126-4	Rheostat Assembly - Panel light (with knob)	1
-5	0311538-8	Primer Assembly - Engine	1
-6	0413017-1	Knob - Primer	1
-7	0411091-9	Control - Throttle	1
-8	0513004-16	Adapter - Throttle control	2
-9	0411090-8	Control - Carburetor heat	1
-10	0411090-5	Control - Cabin heat	1
-11	0411090-19	Control - Parking brake	1
-12	0411090-8	Control - Carburetor mixture	2
-13	0413335	Arm - Control lock	1
-14	0413336	Bracket - Control lock	1
-15	0413337	Clip - Control lock	1
-16	0411090-18	Control - Starter	1
-17	0411090-17	Control - Cabin air push-pull	1
-18	0713035	Switch Assembly - Landing light	1
-19	0411092-1	Knob - Landing light switch	1
-20	0713026-4	Switch - Radio	1
-21	0411092-1	Knob - Radio switch	1
-22	0713026-4	Switch - Navigation light	1
-23	0411092-1	Knob - Navigation light switch	1
-24	0713026-5	Switch - Master	1
-25	0411092-1	Knob - Master switch	1
-26	0411023-1	Retainer - Fuse	5
-27	0411023-3	Fuse - 15 amp	2
-28	0411023-2	Fuse - 10 amp	1
-29	0411023-6	Fuse - 20 amp	1
-30	0411023-4	Fuse - 25 amp	1
-31	51142	Plug Button - United Carr	1
-32	0513052-1	Lighter Assembly - Cigar	1
-33	0713203-1	Bracket Assembly - Microphone (optional)	1
-34	0513036-3	Box Assembly - Glove	1
-35	PK76XZ-6-6	Screw - (Attach glove box)	10
-36	A6310-6Z-3	Nut - Tinnerman (attach glove box)	5
-37	A1181-6Z-3	Nut - Tinnerman (attach glove box)	5
-38	0513040-27	Door Assembly - Glove box	1
-38A	0411749-5	Decal - Spare fuse	1
-38B	0413114-1	Decal - Service information	1
-39	0411092-1	Knob - Glove box door	1
-40	AN526-832R5	Screw - (Attach glove box door knob)	1
-41	AN936-A8	Washer - (Attach glove box door knob)	1
-42	0713009-1	Clip - (Attach glove box door knob)	1
-43	0713009-2	Catch - Glove box door	1
-44	PK76XZ-6-6	Screw - (Attach glove box door catch)	2
-45	A1181-6Z-3	Nut - Tinnerman (attach glove box door catch)	2
-46	0511062-10	Indicator - Stall warning	1
-47	0411020-1	Ammeter	1
-48	0411224	Ball - Control tube	1
-49	0411225	Socket - Control tube	2
-50	AN526-632R8	Screw - (Attach control tube socket)	6
	AN365-632	Nut - (Attach control tube socket)	6
-51	60 OHM-10W	Ohmite Resistor	1
-52	0413116-5	Strap	1
	AN3-3A	Bolt - (Attach strap to glove box)	1
	AN365-1032	Nut - (Attach strap to glove box)	1
-53	A3074A-4-92	Clamp - Tinnerman (attach throttle control to strap)	1
	PK76XZ-8-6	Screw - (Attach clamp)	1
-54	AN515B6R12	Screw	4
-55	0413126	Rheostat Assembly	1
-56	0411225-1	Cover	1
-57	0313313-3	Bracket	1
-58	0713200-7	Cover	1
-59	PK76XZ-8-8	Screw	6
-60	A1778-8Z-3	Nut - Tinnerman	6

ILLUSTRATED PARTS CATALOG

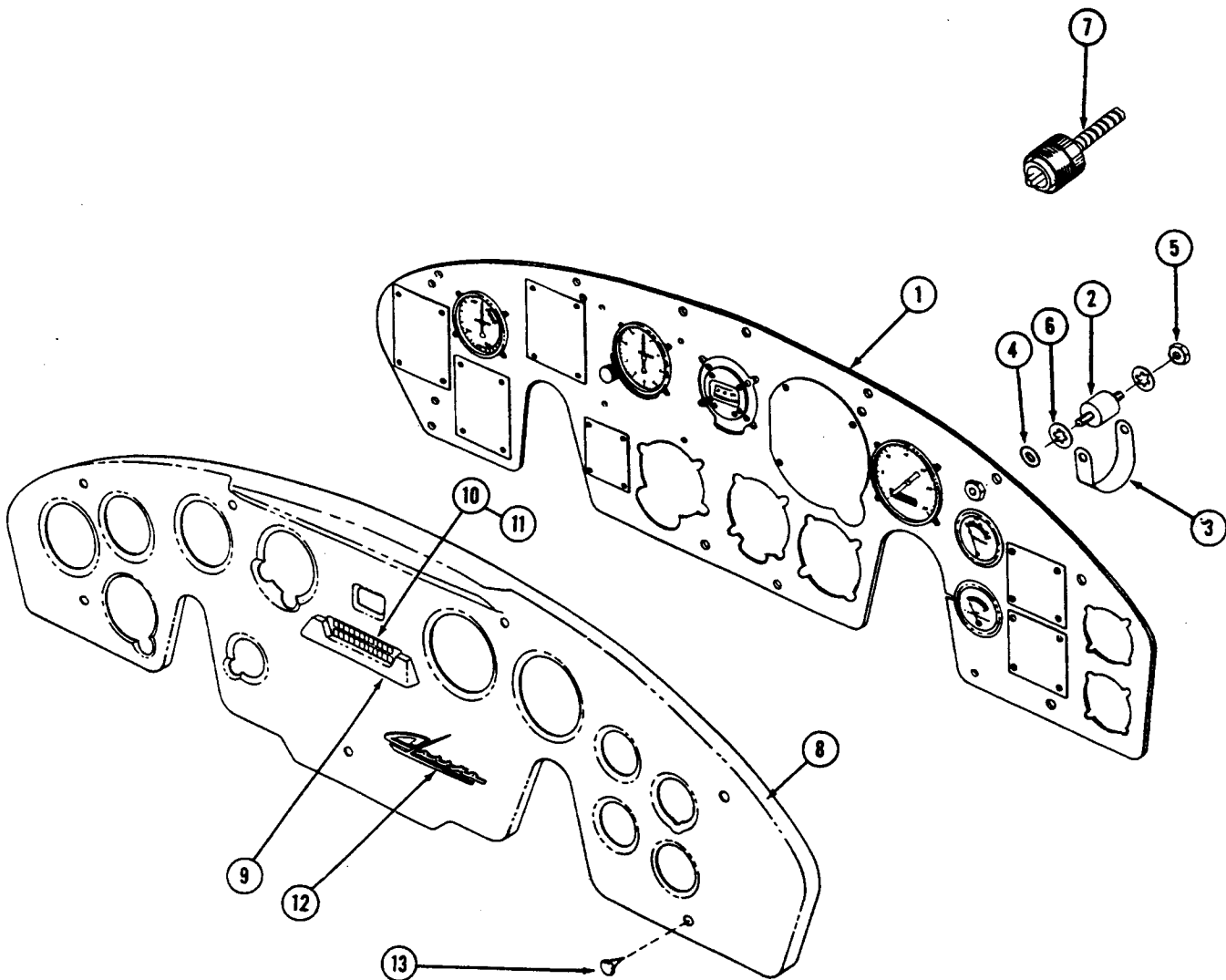


FIGURE 43. SHOCK MOUNTED INSTRUMENT PANEL INSTALLATION (SERIALS 25373 AND ON)

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
43-	No Number	Panel Installation - Shock mounted (serial 25373 & on) (see figure 1 for NHA)	Ref
-1	No Number	Panel Assembly - Shock mounted (see figure 44 for breakdown)	1
-2	0411059-1	Mount - Shock	6
-3	0413247	Strap - Ground	4
-4	0311585	Spacer - (Attach panel)	6
-5	AN340-B8	Nut - (Attach panel)	12
-6	AN936-A8	Washer - (Attach panel)	12
-7	0450017-7	Shaft - Tachometer drive (serial 25373 thru 26027)	1
-8	0450017-10	Shaft - Tachometer drive (serial 26028 & on)	1
-9	0513004-27	Cover Assembly - Shock mounted panel	1
-10	0713028-1	Retainer - Compass card	1
-11	AN526-632R4	Screw - (Attach retainer)	2
-12	0713028-2	Card - Compass	1
-13	0713028-3	Cover - Compass card	1
-14	0713212	Insignia - Decorative emblem	1
-15	A1553-012-3	Nut - Push on (Tinnerman)	3
-16	#49265-F-938	Fastener - (Attach cover) (United Carr)	7

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

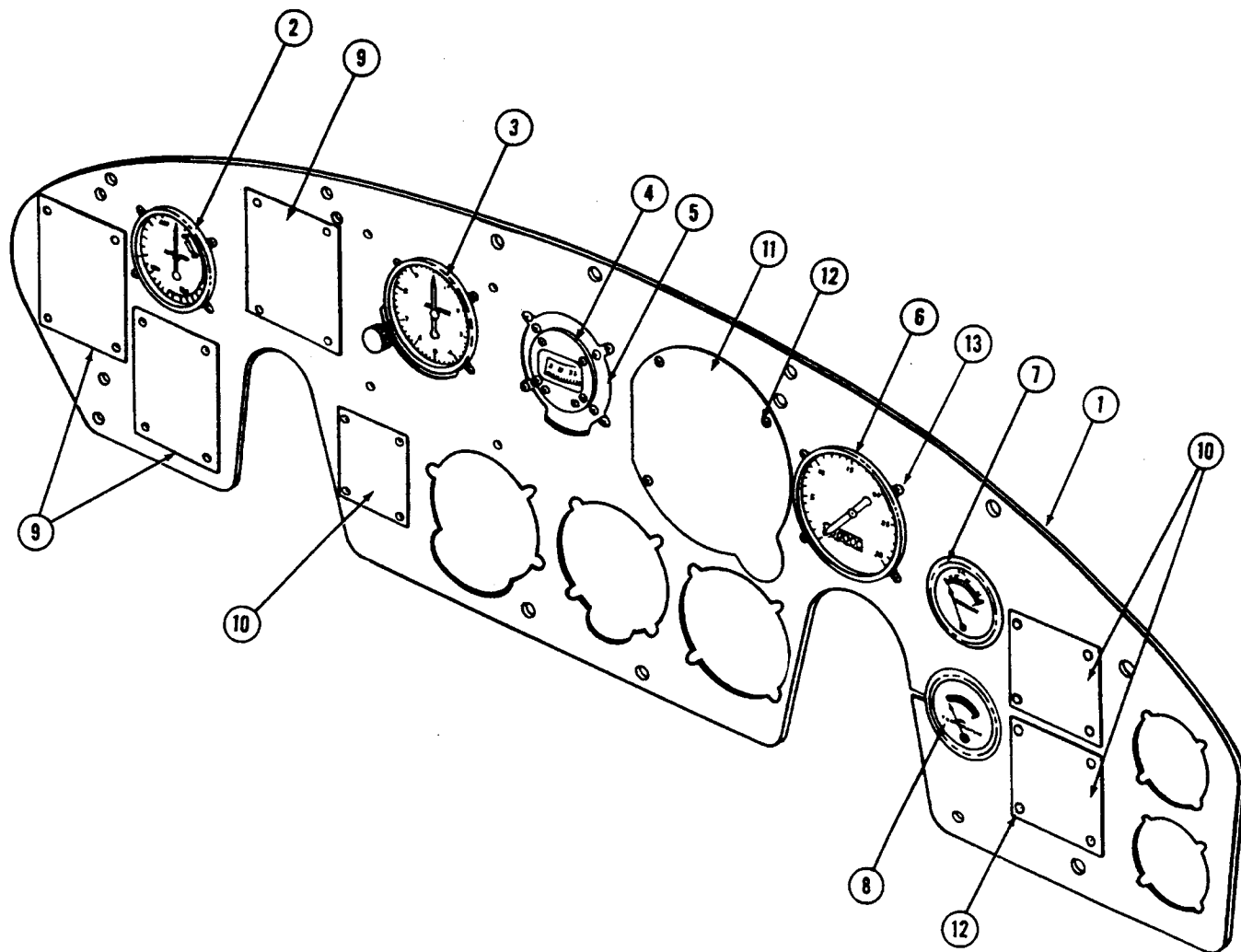


FIGURE 44. SHOCK MOUNTED INSTRUMENT PANEL ASSEMBLY (SERIALS 25373 AND ON)

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASSY
44-	No Number	Panel Assembly - Shock mounted instrument (0513004 Ref) (serial 25373 & on) (see figure 43 for NHA)	Ref
-1	0513004-11	Panel - Shock mounted instrument	1
-2	0411086-10	Indicator - Airspeed	1
-3	0411007-7	Altimeter	1
-4	0411008-2	Compass	1
-5	0411897-3	Adapter - Compass	1
-6	0411087-20	Tachometer - (Serial 25373 thru 26027)	1
	0411087-22	Tachometer - (Serial 26028 & on)	1
-7	0411016-2	Oil Pressure Gage	1
-8	0411017-3	Oil Temperature Gage	1
-9	0713200-4	Cover	3
-10	0713200-7	Cover	3
-11	0713200-5	Cover	1
-12	99608	Fastener - (Attach cover) (United Carr)	2
-13	AN515B6R	Screw - (Attach instruments)	19
	AN365-632	Nut - (Attach covers & instruments)	42

ORDER BY PART NUMBER AND NAME SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

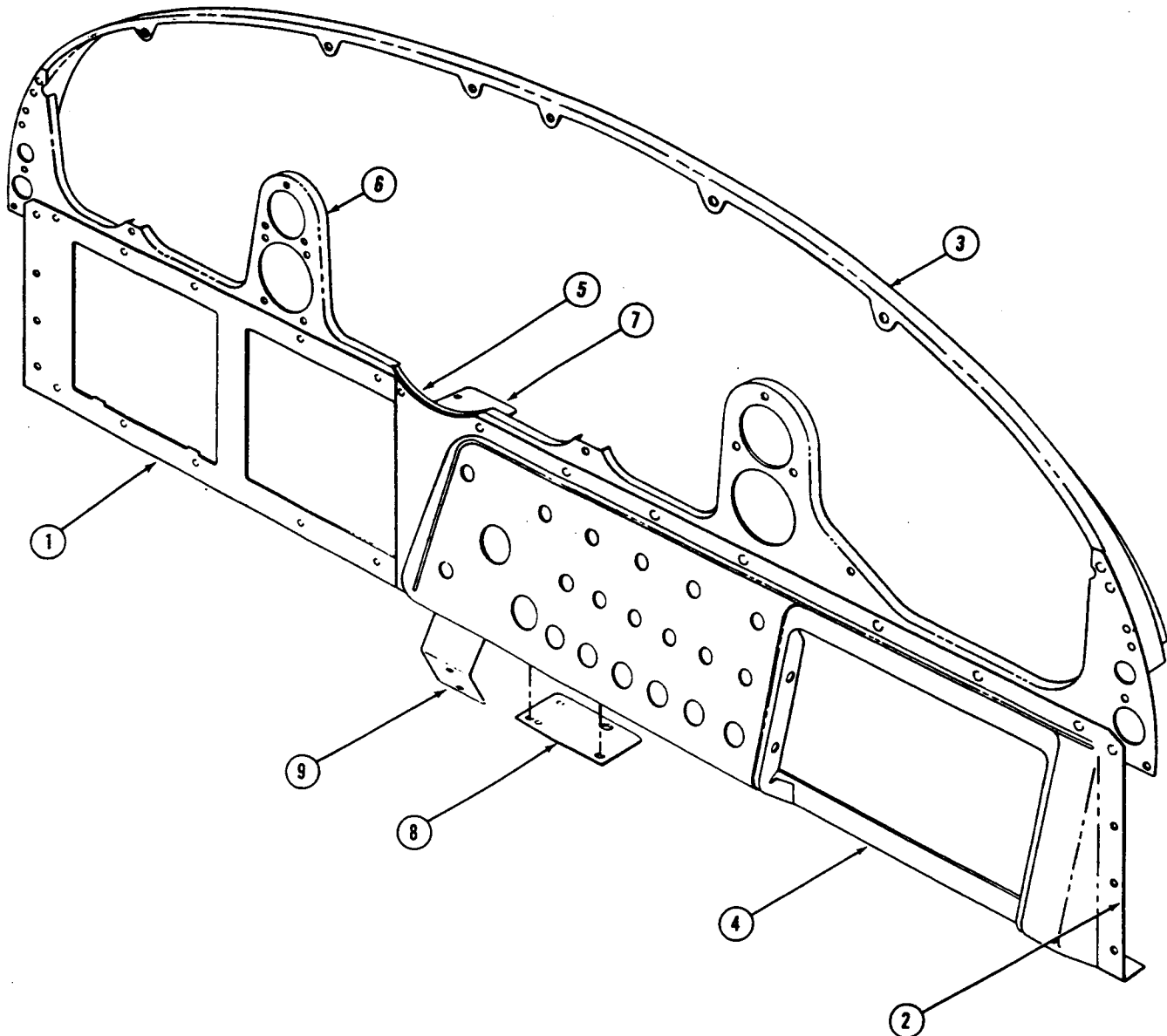


FIGURE 45. STATIONARY INSTRUMENT PANEL ASSEMBLY (SERIAL 25373 THRU 26038)

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
45-	0513004-1	Panel Assembly - Stationary (serial 25373 thru 26038) (see figure 20 for NHA)	Ref
-1	0513004-2	Panel - Left lower	1
-2	0513004-3	Panel - Right lower	1
-3	0513004-4	Channel - (Top of upper panel)	1
-4	0513004-6	Angle - Right lower stiffener	1
-5	0513004-7	Angle - Right upper stiffener	1
-6	0513004-14	Panel - Upper	1
-7	0513004-21	Bracket - Circuit breaker mounting	1
-8	0413131-3	Bracket - Rheostat mounting	1
-9	0713203-1	Bracket Assembly - Microphone (optional)	1

ORDER BY PART NUMBER AND NAME SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

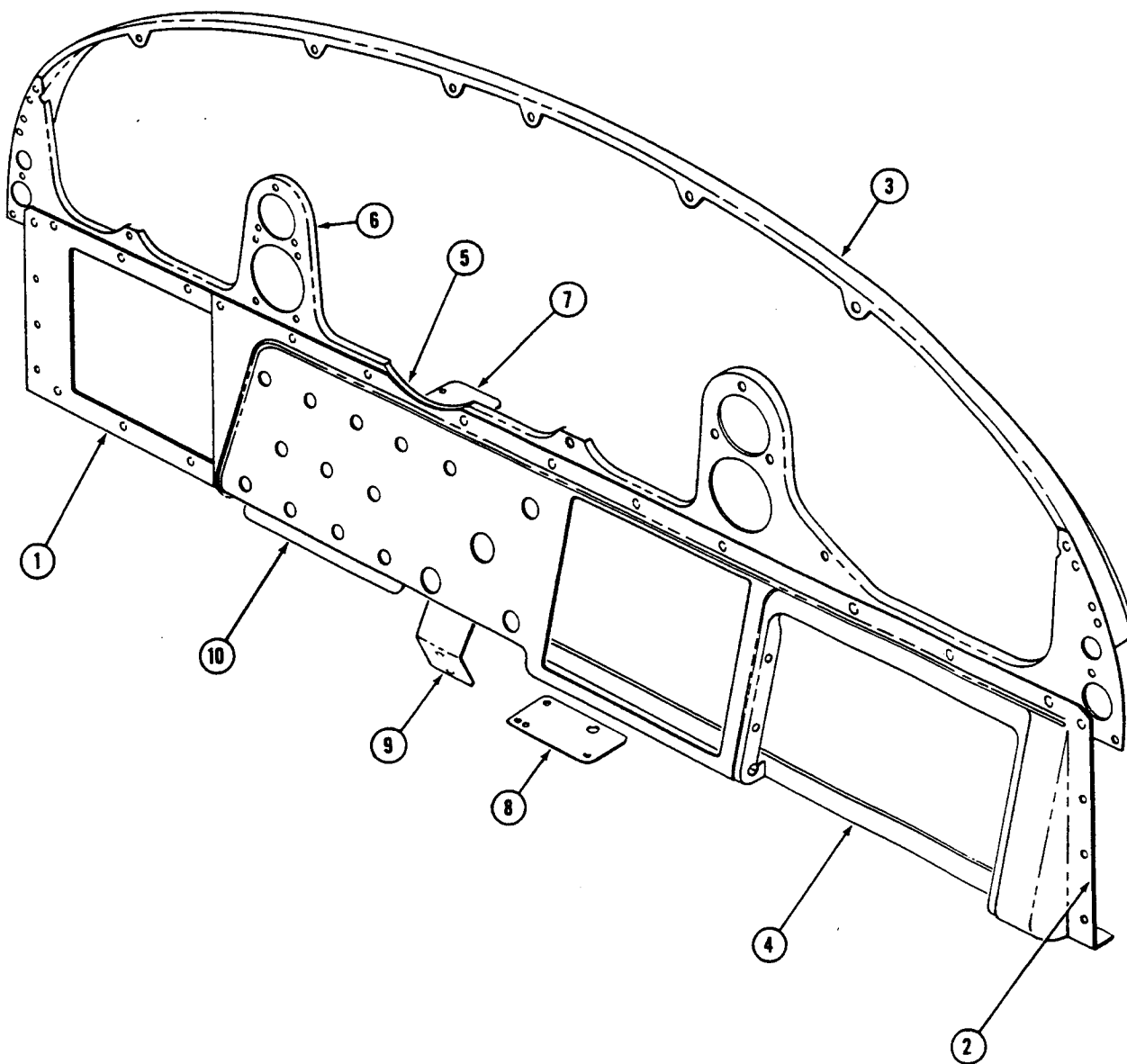


FIGURE 45A. STATIONARY INSTRUMENT PANEL ASSEMBLY (SERIAL 26039 THRU 26995)

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
45A-	0513040-3	Panel Assembly - Stationary (serial 26039 thru 26995) (see figure 20 for NHA)	Ref
-1	0513040-5	Panel - Left lower	1
-2	0513040-4	Panel - Right lower	1
-3	0513004-4	Channel -(Top of upper panel)	1
-4	0513040-6	Angle - Lower stiffener	1
-5	0513040-7	Angle - Upper stiffener	1
-6	0513004-14	Panel - Upper	1
-7	0513004-21	Bracket - Circuit breaker mounting	1
-8	0413131-3	Bracket - Rheostat mounting	1
-9	0713203-1	Bracket Assembly - Microphone (optional)	1
-10	0513042	Panel - Fuse	1
	AN515-8R8	Screw - (Attach fuse panel)	3
	AN365-832	Nut - (Attach fuse panel)	3

ORDER BY PART NUMBER AND NAME SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

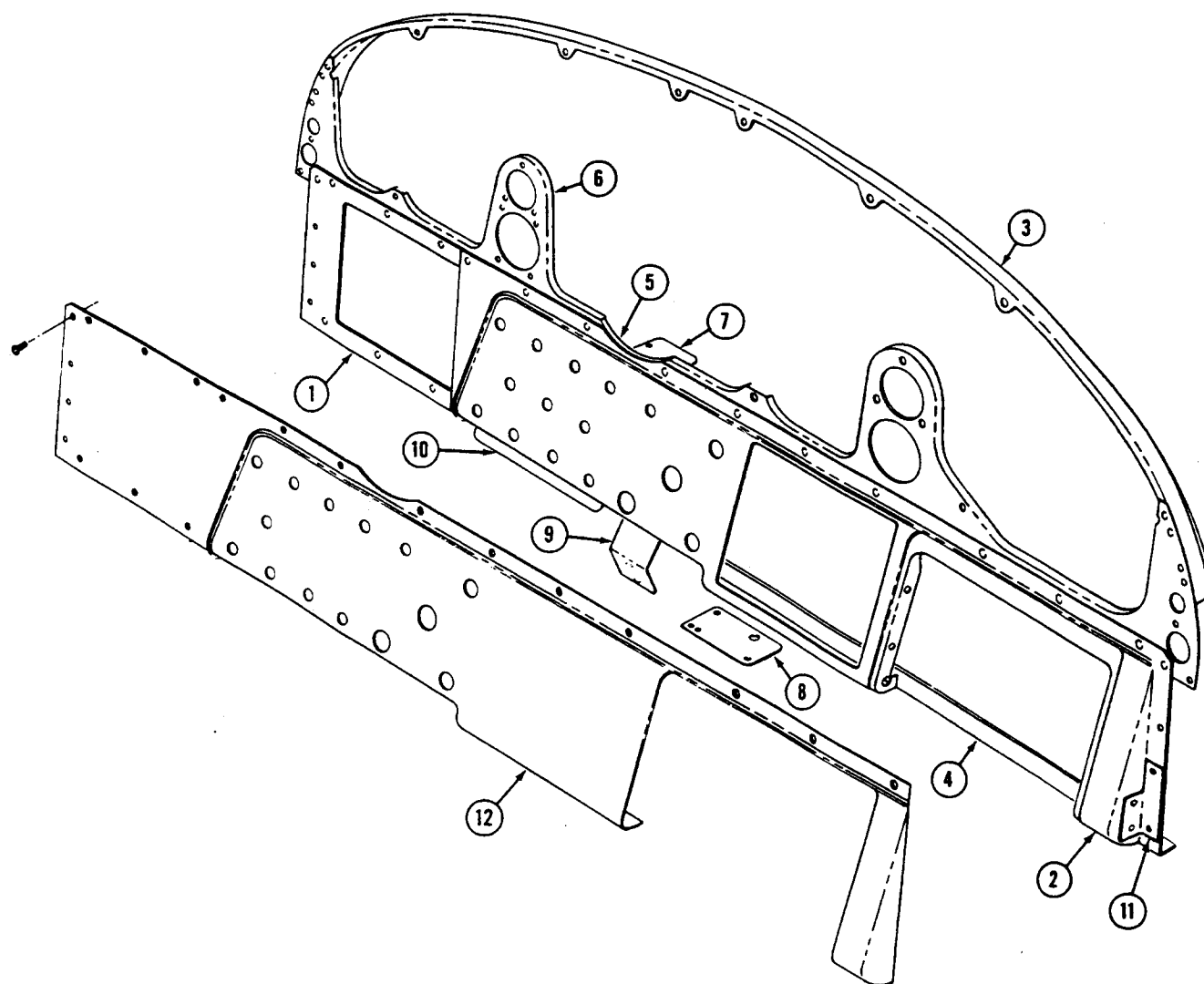


FIGURE 45B. STATIONARY INSTRUMENT PANEL ASSEMBLY (SERIAL 26996 AND ON)

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
45B-	0513040-23	Panel Assembly - Stationary (serial 26996 & on) (see figure 20 for NHA)	Ref
-1	0513040-5	Panel - Left lower	1
-2	0513040-4	Panel - Right lower	1
-3	0513004-4	Channel - (Top of upper panel)	1
-4	0513040-6	Angle - Lower stiffener	1
-5	0513040-7	Angle - Upper stiffener	1
-6	0513004-14	Panel - Upper	1
-7	0513004-21	Bracket - Circuit breaker mounting	1
-8	0413131-3	Bracket - Rheostat mounting	1
-9	0713203-1	Bracket Assembly - Microphone (optional)	1
-10	0513042	Panel - Fuse	1
	AN515-8R8	Screw - (Attach fuse panel)	3
	AN365-832	Nut - (Attach fuse panel)	3
-11	0513040-10	Clip - Panel mounting	1
-12	0513044-3	Panel Cover - Stationary	1

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

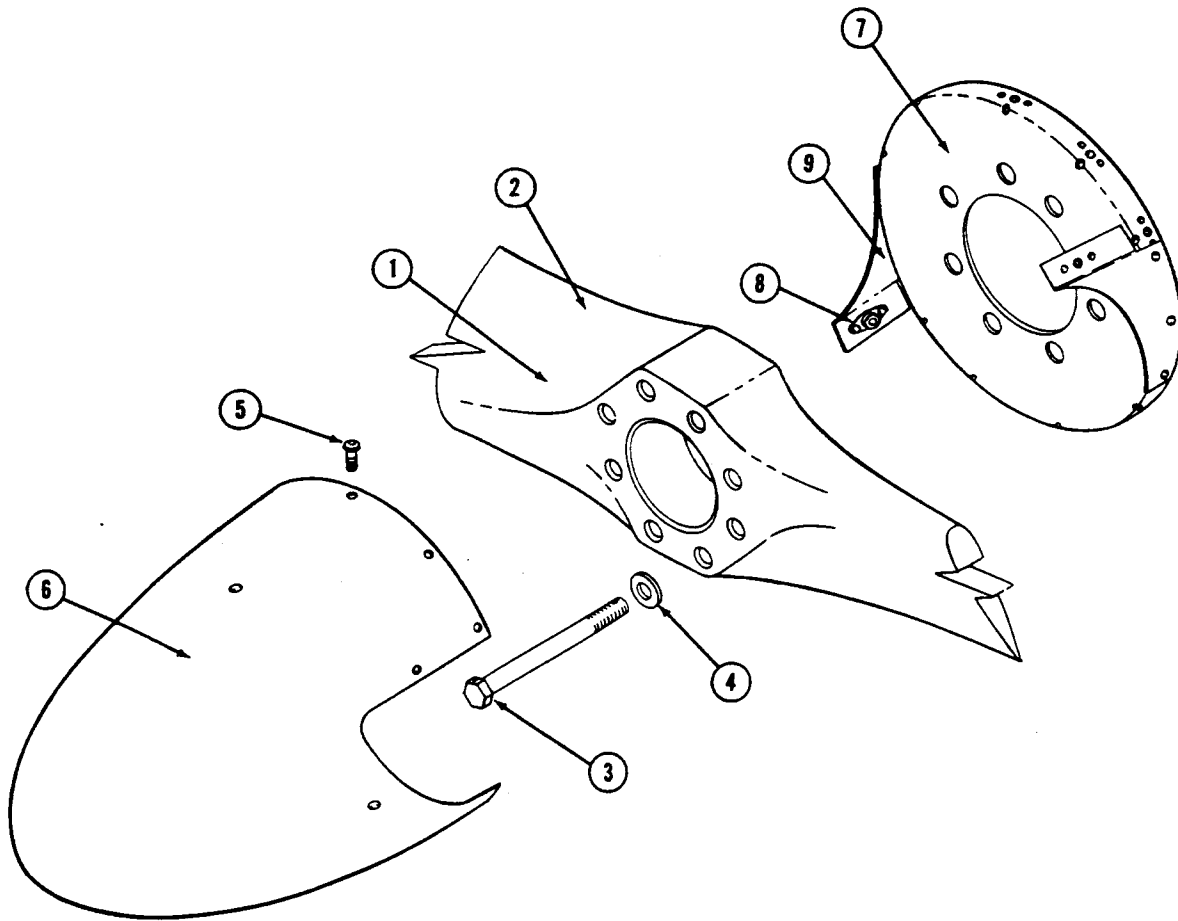


FIGURE 46. PROPELLER INSTALLATION

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
46-	No Number	Propeller Installation (0550102 & 0550104-2 Ref.) (see figure 1 for NHA)	Ref
-1	0450014-6	Propeller - Wood (serial 20267 thru 25372)	1
-2	0411098-6	Propeller - Metal	1
-3	AN6-H-45	Bolt - (Attach propeller)	8
-4	AN960-616	Washer - (Attach propeller)	8
-5	AN526-832R8	Screw - (Attach spinner)	10
-6	AK7053-3	Spinner Kit - Propeller	1
	0550162-7	Spinner Assembly - Forward	1
-7	0550162-3	Plate Assembly - Mounting	1
-8	AN373F832	Nutplate	10
-9	0550162-6	Fillet - (Attach spinner)	2

ORDER BY PART NUMBER AND NAME SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

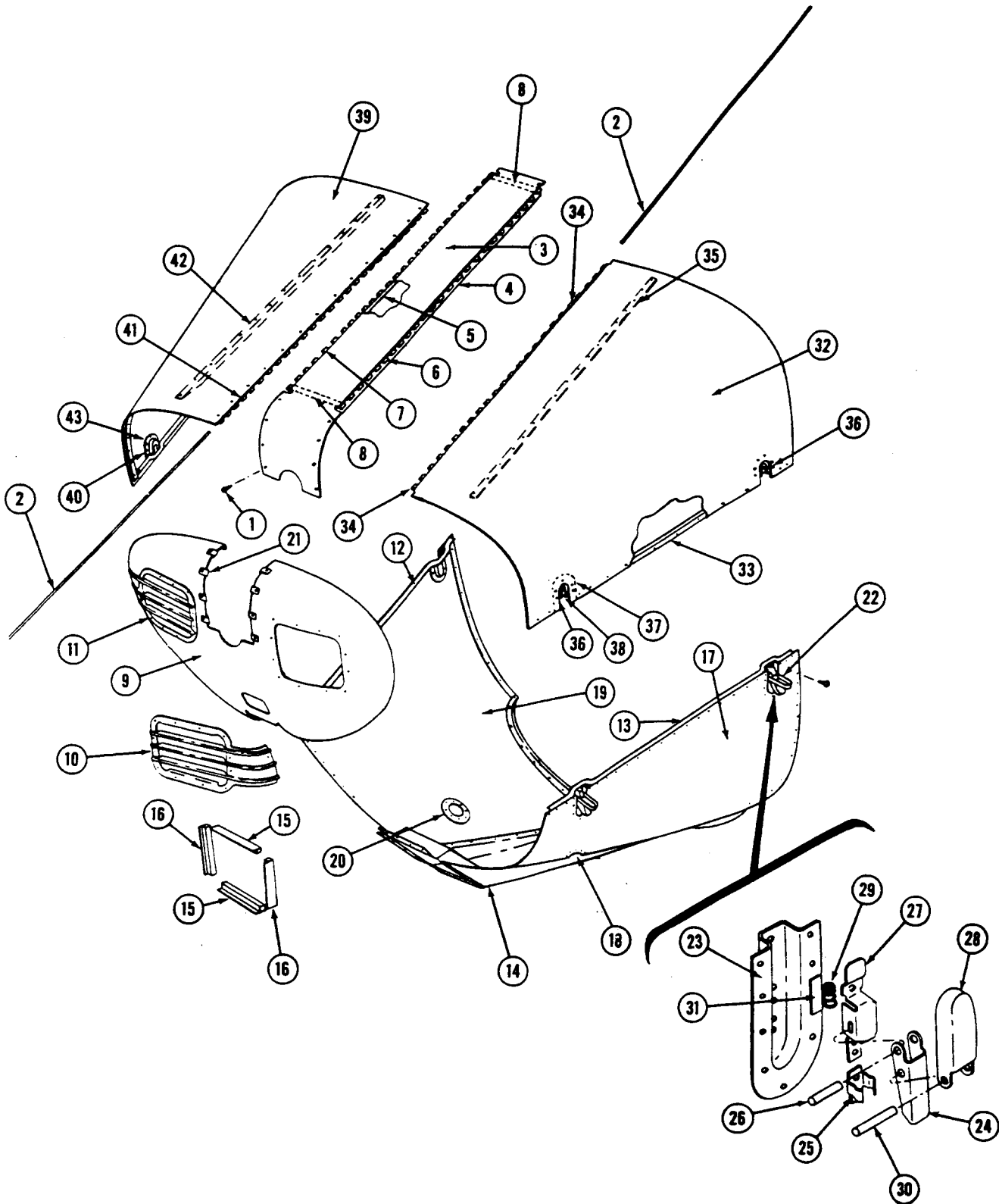


FIGURE 47. ENGINE COWL INSTALLATION (SERIALS 20267 THRU 25372)

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
47-	No Number	Engine Cowl Installation - (Serial 20267 thru 25372) (0552001 Ref.) (See figure 1 for NHA)	Ref
	PK76XZ-8-8	Screw - (Attach cowl)	20
	0552001	Cowl Assembly	1
-1	PK76XZ-8-8	Screw - (Attach center cowl support)	8
-2	AN253-2-3178	Pin - Cowl hinge	2
	0552001-6	Support Assembly - Center	1
-3	0552001-22	Support - Upper cowl	1
-4	0552001-30	Angle - Support left	1
-5	0552001-31	Angle - Support right	1
-6	0552001-8	Hinge Half - Upper cowl left	1
-7	0552001-7	Hinge Half - Upper cowl right	1
-8	0552001-46	Doubler - Support	2
	0552001-3	Cowl Assembly - Lower	1
	0552001-50	Cowl Assembly - Nose	1
-9	0552001-13	Cowl - Nose	1
-10	0452207	Grill - Nose cowl left	1
-11	0452207-1	Grill - Nose cowl right	1
	0552001-52	Cowl Assembly - Engine lower	1
-12	0552001-11	Angle - R.H. parting	1
-13	0552001-12	Angle - L.H. parting	1
-14	0552001-16	Scoop Assembly - Air	1
-15	0450234-13	Rub Strip	2
-16	0450234-14	Rub Strip	2
-17	0552001-55	Skin Assembly - Lower cowl left	1
-18	0552001-65	Doubler - Cowl skin	1
-19	0552001-56	Skin Assembly - Lower cowl right	1
-20	0552001-65	Doubler - Cowl skin	1
-21	NAS395-14-3	Nut - Tinnerman	8
-22	0452119	Latch Assembly - Cowl fastener	4
-23	0452109	Recess - Cowl latch	1
-24	0452110	Lever - Cowl latch	1
-25	0452111	Clip - Latch lever	1
-26	0452112	Pin - Latch lever	1
-27	0452113	Housing - Latch spring	1
-28	0452114	Hook - Cowl latch	1
-29	0452115	Spring - Cowl latch	1
-30	0452120	Pin - Latch hook	1
-31	0452121	Shim - Cowl latch	1
-32	0552001-4	Hood Assembly - Left	1
-33	0552001-12	Angle - Parting	1
-34	0552001-7	Hinge Half - Hood	1
-35	0552001-49	Stiffener - Cowl hood	1
-36	0452108	Catch Assembly - Cowl fastener	2
-37	0452122	Plate - Fastener	1
-38	0452123	Hook - Fastener	1
-39	0552001-5	Hood Assembly - Right	1
-40	0552001-12	Angle - Parting	1
-41	0552001-8	Hinge Half - Hood	1
-42	0552001-49	Stiffener - Cowl hood	1
-43	0452108	Catch Assembly - Cowl fastener	1

ILLUSTRATED PARTS CATALOG

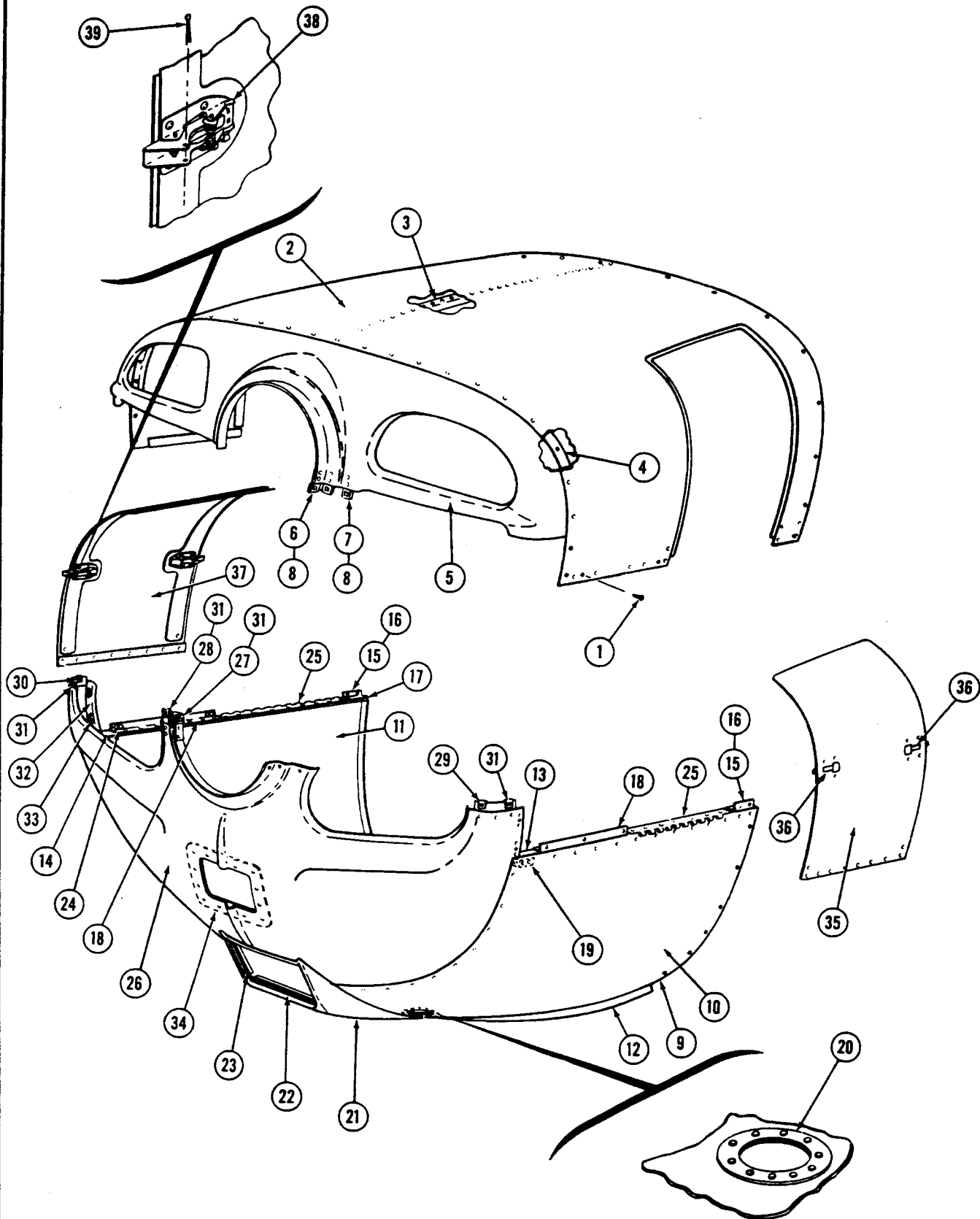


FIGURE 48. ENGINE COWL INSTALLATION (SERIAL 25373 THRU 26995)

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
48-	No Number	Engine Cowl Installation - (Serial 25373 thru 26995) (see figure 1 for NHA)	Ref
-1	PK76XZ-8-8	Screw - (Attach cowling)	48
	0552002	Cowl Assembly	1
	0552002-52	Cowl Assembly - Upper	1
-2	0552002-54	Cowl Assembly - Upper (Less nose cap)	1
-3	0552002-43	Stiffener - Upper cowl center	1
-4	0552002-20	Stiffener - Upper cowl forward	1
-5	0595000-3	Nose Cap Assembly - Upper cowl	1
-6	0552002-31	Clip	1
-7	0552002-42	Clip	3
-8	NAS395-14-3	Nut - (Tinnerman #A1274-8Z-3)	1
	0552002-53	Cowl Assembly - Lower	1
-9	0552002-55	Cowl Assembly - Lower (less nose cap)	1
-10	0552002-1	Skin - Lower cowl left	1
-11	0552002-2	Skin - Lower cowl right	1
-12	0552001-41	Lip - Lower cowl	1
-13	0552002-13	Angle - Lower left parting	1
-14	0552002-14	Angle - Lower right parting	2
-15	0552002-34	Angle - Upper rear parting	1
-16	0552002-10	Nutstrip	2
-17	0552002-38	Clip - Lower cowl rear	2
-18	0552002-35	Angle - Upper forward parting	1
-19	0552001-47	Clip - Lower cowl forward left	1
	0552001-48	Clip - Lower cowl forward right	2
-20	0552001-65	Doubler - Exhaust opening	1
-21	0552001-16	Scoop Assembly - Air	2
-22	0450234-13	Rub Strip - Top & Bottom	2
-23	0450234-14	Rub Strip - Side	6
-24	NAS444-4	Nutplate - (Tinnerman #A6191-8Z-3)	2
-25	0552002-46	Hinge Assembly	1
-26	0552002-51	Nose Cap Assembly - Lower cowl	1
-27	0552002-31	Clip	1
-28	0552002-42	Clip	1
-29	0552002-23	Plate - Left splice	1
-30	0552002-24	Plate - Right splice	1
-31	NAS395-14-3	Nut - (Tinnerman #A1274-8Z-3)	1
-32	0552002-22	Stiffener - Right	1
	0552002-21	Stiffener - Left	4
-33	NAS444-4	Nut - (Tinnerman #A6191-8Z-3)	1
-34	0552001-43	Doubler - Lower cowl opening	1
	0552002-9	Door Assembly - Cowl left	1
-35	0552002-5	Skin - Left door	2
-36	H5000-2-.032-.064	Latch	2
	AN380-2-3	Pin - Latch	1
	0552002-8	Door Assembly - Cowl right	1
-37	0552002-4	Skin - Right door	2
-38	H5000-2-.032-.064	Latch	2
-39	AN380-2-3	Pin - Latch	2

ILLUSTRATED PARTS CATALOG

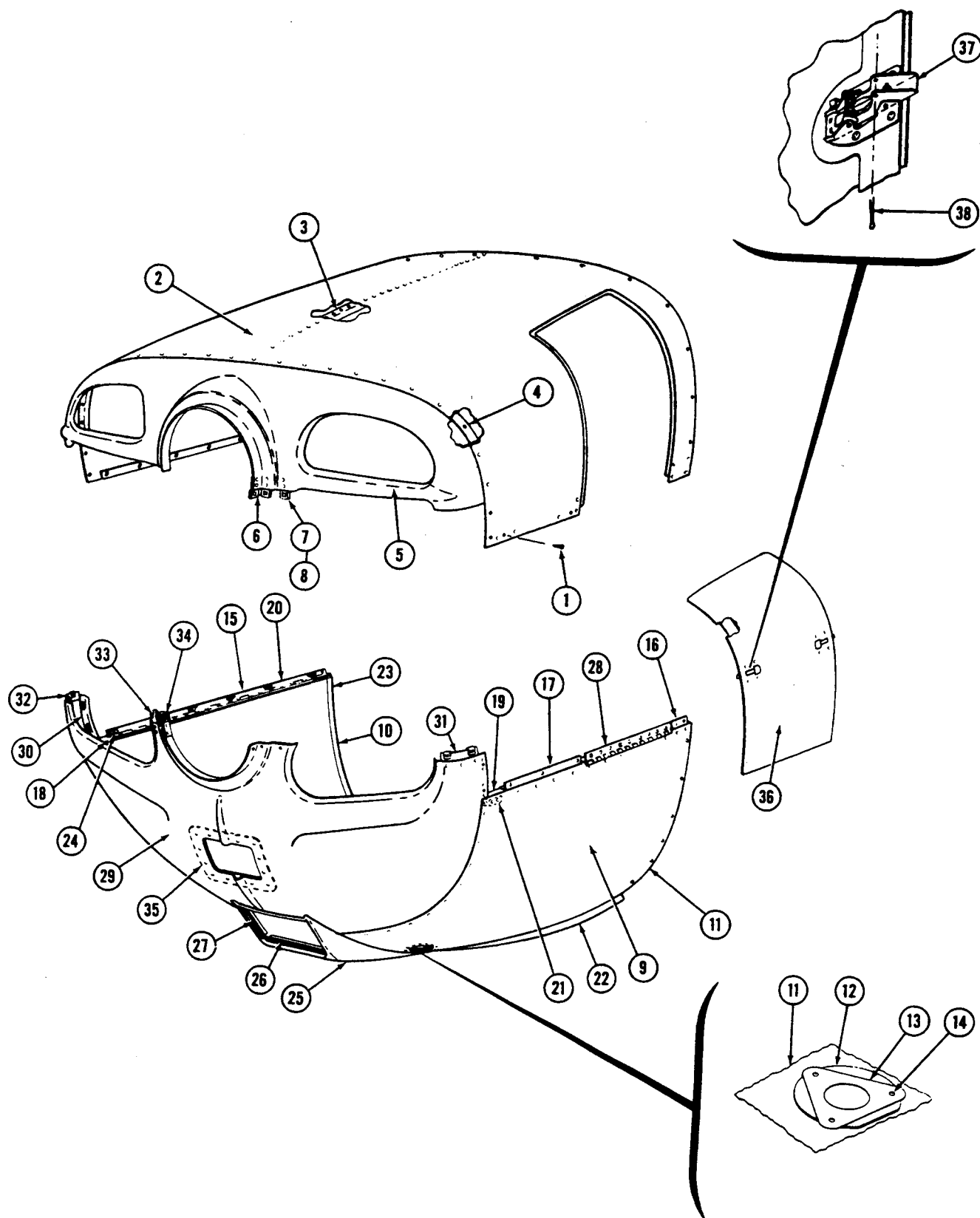


FIGURE 48A. ENGINE COWL INSTALLATION (SERIAL 26996 AND ON)

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
48A-	No Number	Engine Cowl Installation - (Serial 26996 & on) (see figure 1 for NHA)	Ref
-1	PK76XZ-8-8	Screw - (Attach cowling)	48
	0552002-62	Cowl Assembly	1
	0595000-1	Cowl Assembly - Upper	1
-2	0595000-2	Cowl Assembly - Upper (less nose cap)	1
-3	0552002-43	Stiffener - Upper cowl center	1
-4	0552002-20	Stiffener - Upper cowl forward	1
-5	0595000-3	Nose Cap Assembly - Upper cowl	1
-6	0552002-31	Clip	1
-7	0552002-42	Clip	2
-8	NAS395-14-3	Nut - (Tinnerman A1274-8Z-3)	2
	0595000-4	Cowl Assembly - Lower	1
-9	0595000-5	Cowl Assembly - Lower (less nose cap)	1
-10	0552002-68	Skin Assembly - Lower cowl right	1
-11	0552002-71	Skin Assembly - Lower cowl left	1
-12	0552002-65	Ring - Exhaust opening	4
-13	0552002-64	Plate - Exhaust opening	2
-14	PK76XZ-8-6	Screw - (Attach plate)	6
	A1778-8Z-3	Nut - (Tinnerman) (attach plate)	6
-15	0552002-59	Angle Assembly - Upper right parting	1
-16	0552002-34	Angle - Upper rear parting L.H.	1
-17	0552002-35	Angle - Upper forward parting L.H.	1
-18	0552002-14	Angle - Lower right parting	1
-19	0552002-13	Angle - Lower left parting	1
-20	0552002-10	Nutstrip	1
-21	0552001-75	Clip - Lower cowl forward left	1
	0552001-74	Clip - Lower cowl forward right	1
-22	0552001-41	Lip - Lower cowl left	1
-23	0552002-38	Clip - Lower cowl rear	2
-24	NAS444-4	Nutplate - (Tinnerman A6191-8Z-3)	6
-25	0552001-16	Scoop Assembly - Air	1
-26	0450234-13	Rub Strip - Top & bottom	2
-27	0450234-14	Rub Strip - Side	2
-28	0552002-46	Hinge Assembly	1
-29	0595000-6	Nose Cap Assembly - Lower cowl	1
	0552002-21	Stiffener - Left	1
-30	0552002-22	Stiffener - Right	1
-31	0552002-23	Plate - Left splice	1
-32	0552002-24	Plate - Right splice	1
-33	NAS395-14-3	Nut - (Tinnerman A1274-8Z-3)	6
-34	0552002-31	Clip	1
-35	0552001-43	Doubler - Lower cowl opening	1
	0552002-9	Door Assembly - Cowl left	1
-36	0552002-67	Skin Assembly - Left door	1
-37	H-5000-2-.032-.064	Latch	2
-38	AN380-2-3	Pin - (Attach latch)	2

ILLUSTRATED PARTS CATALOG

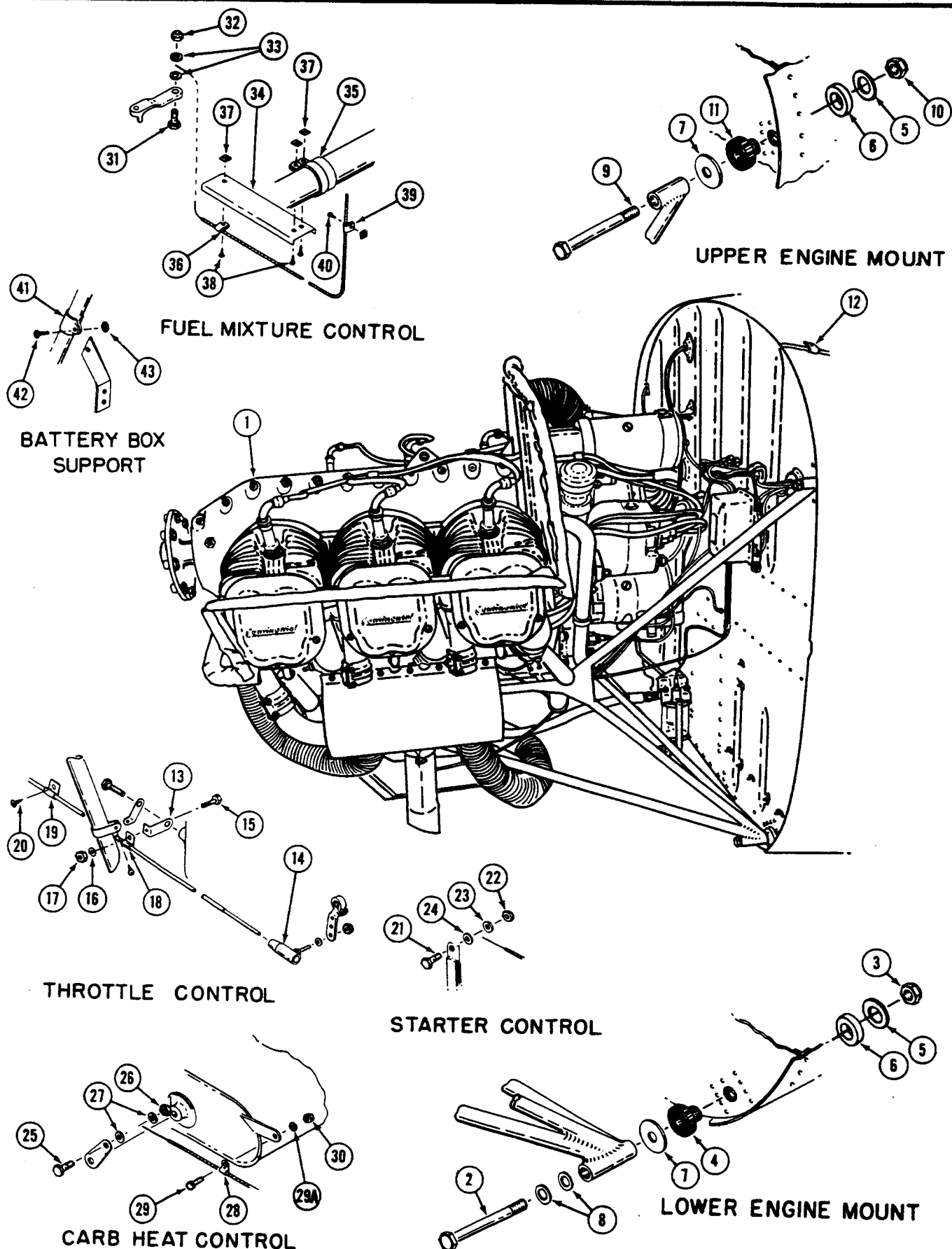


FIGURE 49. ENGINE INSTALLATION

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
49-	No Number	Engine Installation - Continental (0550200 Ref.) (see figure 1 for NHA) (serial 20267 thru 25272)	Ref
	No Number	Engine Installation - Continental (0550105 Ref.) (see figure 1 for NHA) (serial 25373 & on)	Ref
-1	No Number	Engine Assembly - Continental (serial 20267 thru 25372) (see figure 50 for breakdown)	1
	No Number	Engine Assembly - Continental (serial 25373 & on) (see figure 50 for breakdown)	1
-2	AN6-33A	Bolt - (Attach lower engine mount to firewall)	2
-3	AN365-624	Nut - (Attach lower engine mount to firewall)	2
-4	0550155	Bushing - (Attach lower engine mount)	4
-5	0550153-1	Washer - (Attach lower engine mount)	4
-6	0550154-2	Pad - (Attach engine mount)	4
-7	0550156	Washer - (Attach engine mount)	4
-8	AN960-716	Washer - (Attach engine mount)	4
-9	AN6-22A	Bolt - (Attach upper engine mount to firewall)	2
-10	AN365-624	Nut - (Attach upper engine mount to firewall)	2
-11	0550155	Bushing - Engine mount	1
-12	#49166	Clamp - United Carr (tachometer shaft support)	1
-13	0550100-5	Bracket - Throttle control	1
-14	0550158	Ball Joint - Throttle control	1
-15	AN3-3A	Bolt - (Attach bracket)	1
-16	AN960-10L	Washer - (Attach bracket)	1
-17	AN365-1032	Nut - (Attach bracket)	1
-18	AN742-D4	Clamp - (Tinnerman A2980A-4) (attach throttle control)	1
-19	NAS435-D6	Clamp - (Tinnerman A3047A-6) (attach throttle control)	1
-20	PK76XZ-6-6	Screw - (Attach clamp)	1
-21	0450311	Clamp - Starter control	1
-22	AN365-1032	Nut - (Attach starter control)	1
-23	AN960-10	Washer - (Attach starter control)	1
-24	AN960-10L	Washer - (Attach starter control)	1
-25	0450311	Clamp - Carburetor heat control	1
-26	AN365-1032	Nut - (Attach carburetor heat control)	2
-27	AN960-10L	Washer - (Attach carburetor heat control)	1
-28	A4886A-3-27	Clamp - (Tinnerman A2980A-3) (attach carburetor heat control)	1
-29	AN3-3A	Bolt - (Attach clamp)	1
-29A	AN960-10L	Washer - (Attach clamp)	1
-30	AN365-1032	Nut - (Attach clamp)	1
-31	0350311-2	Clamp - Mixture control	1
-32	AN365-428	Nut - (Attach mixture control)	1
-33	AN960-417L	Washer - (Attach mixture control)	2
-34	0550100-4	Bracket - Mixture control	1
-35	AN735-D30	Clamp - (Tinnerman A3052A-20) (attach mixture control)	2
-36	AN742-D2	Clamp - (Tinnerman A2980A-2) (attach mixture control)	1
-37	NAS446-4	Nut - (Tinnerman A1778-8Z-3) (attach mixture control)	3
-38	PK76XZ-8-6	Screw - (Attach mixture control)	3
-39	AN742-D3	Clamp - (Tinnerman A2980A-3) (attach mixture control)	1
-40	PK76XZ-8-10	Screw - (Attach clamp)	1
-41	AN741-5	Clamp - Battery box support	1
-42	AN3-5A	Bolt - (Attach clamp)	1
-43	AN365-1032	Nut - (Attach clamp)	1

ILLUSTRATED PARTS CATALOG

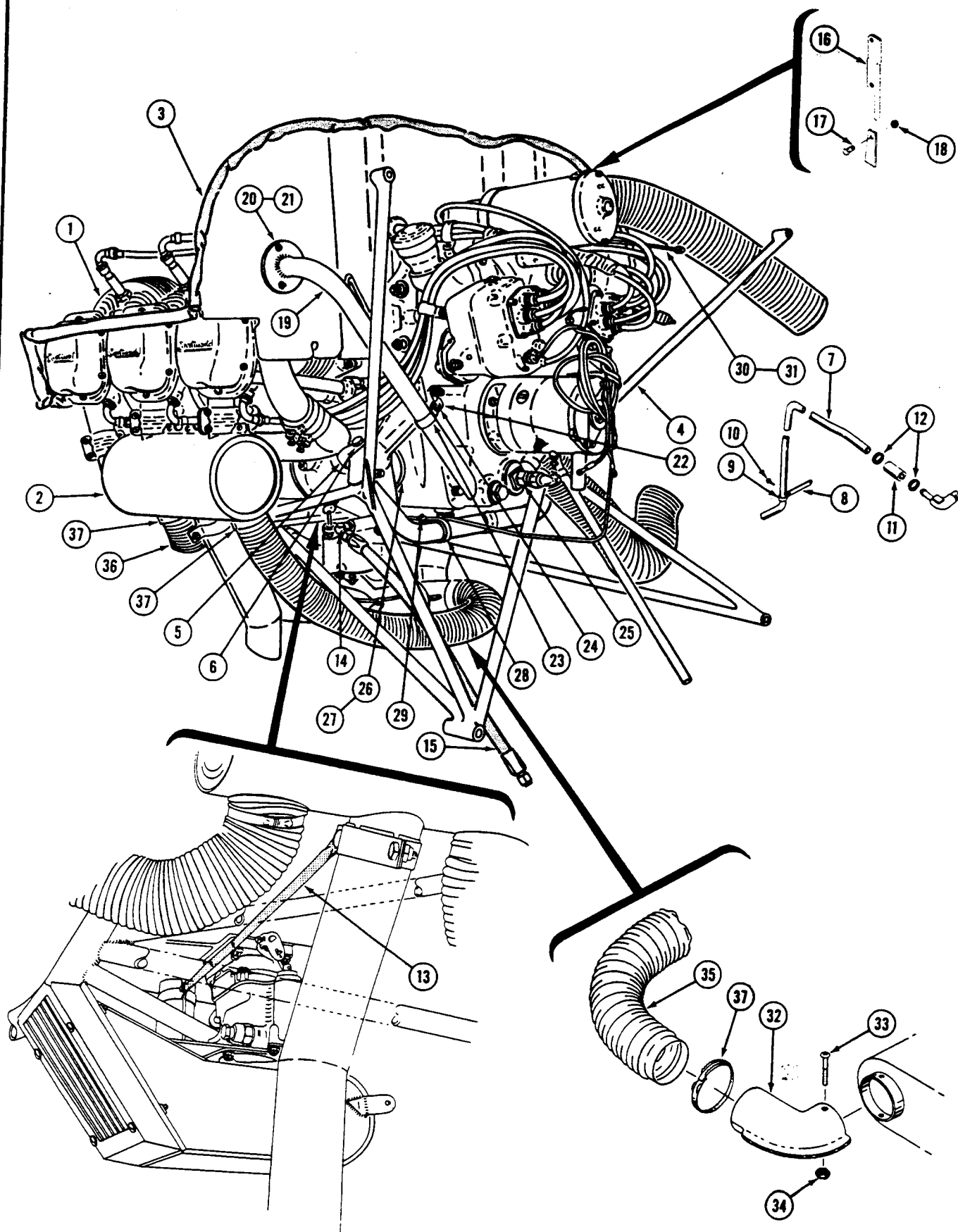


FIGURE 50. ENGINE ASSEMBLY

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
50-	No Number	Engine Assembly - Continental (0550200 Ref.) (serial 20267 thru 25372) (see figure 49 for NHA)	Ref
	No Number	Engine Assembly - Continental (0550105 Ref.) (serial 25373 & on) (see figure 49 for NHA)	Ref
-1	O-300-A	Engine - Continental	1
-2	No Number	Stack Assemblies - Exhaust (see figure 51 for breakdown)	1
-3	No Number	Baffle Installation - Engine (serial 20267 thru 25372) (see figure 52 for breakdown)	1
	No Number	Baffle Installation - Engine (serial 25373 & on) (see figure 53 for breakdown)	1
-4	0551000-50	Mount - Engine	4
-5	0550100-7	Bonding Strap - Engine Mount	5
-6	AN7-27A	Bolt - (Attach engine mount at engine)	4
	AN960-716	Washer - (Attach engine mount at engine)	4
	AN365-720	Nut - (Attach engine mount at engine)	1
-7	0500106-28	Line - Breather	1
-8	0550100-9	Bracket - Breather line	1
-9	NAS434-D10	Clamp - (Tinnerman A2981A-10)	1
-10	PK76XZ-8-6	Screw - (Attach clamp)	1
-11	S-51-10-12	Hose - (Connect breather line and elbow)	2
-12	NAS398-16	Clamp - (Tinnerman A3122-16-59) (attach hose)	1
-13	0550159	Brace - Exhaust stack (serial 20267 thru 25763)	1
	0550159-5	Brace - Exhaust stack (serial 25764 & on)	1
-14	AN822-6B	Elbow - (Carburetor to hose)	1
-15	AN6270-6D-18	Hose - (Serial 20267 thru 25636)	1
	MS28741-6-0180	Hose - (Serial 25637 & on)	1
-16	0450283	Extension - Starter arm	1
-17	AN3-4A	Bolt - (Attach extension)	1
-18	AN365-1032	Nut - (Attach extension)	1
-19	0550123	Tube - Blast L. H.	1
	0550124	Tube - Blast R. H.	6
-20	AN515-8R6	Screw - (Attach tube)	6
-21	AN365-832	Nut - (Attach tube)	2
-22	0550100-6	Bracket - Blast tube	2
-23	NAS434-D16	Clamp - (Tinnerman A2981A-16)	2
-24	PK76XZ-10-8	Screw - (Attach clamp)	1
-25	0450261	Adapter - (Oil temperature gage)	1
-26	0500106-22	Line - Primer	1
-27	AN4022-1	Jet Assembly - Primer	1
-28	AN742D20	Clamp - (Tinnerman A2980A-20)	3
-29	AN742D2	Clamp - (Tinnerman A2980A-2)	2
	NAS446-4	Nut - (Tinnerman A1778-8Z-3) (attach clamp)	2
	PK76XZ-8-6	Screw - (Attach clamp)	1
-30	0500106-26	Line - Oil pressure	1
-31	AN816-2B	Adapter - Oil pressure line	1
-32	0450314	Fitting Assembly - Carburetor heat	1
-33	AN515-8R-40	Screw - (Attach fitting)	1
-34	AN365-832	Nut - (Attach fitting)	1
-35	0450320-29	Hose - Air intake	1
-36	0450320-28	Hose - Air intake	1
-37	NAS397-32	Clamp - (Attach hose)	4

ILLUSTRATED PARTS CATALOG

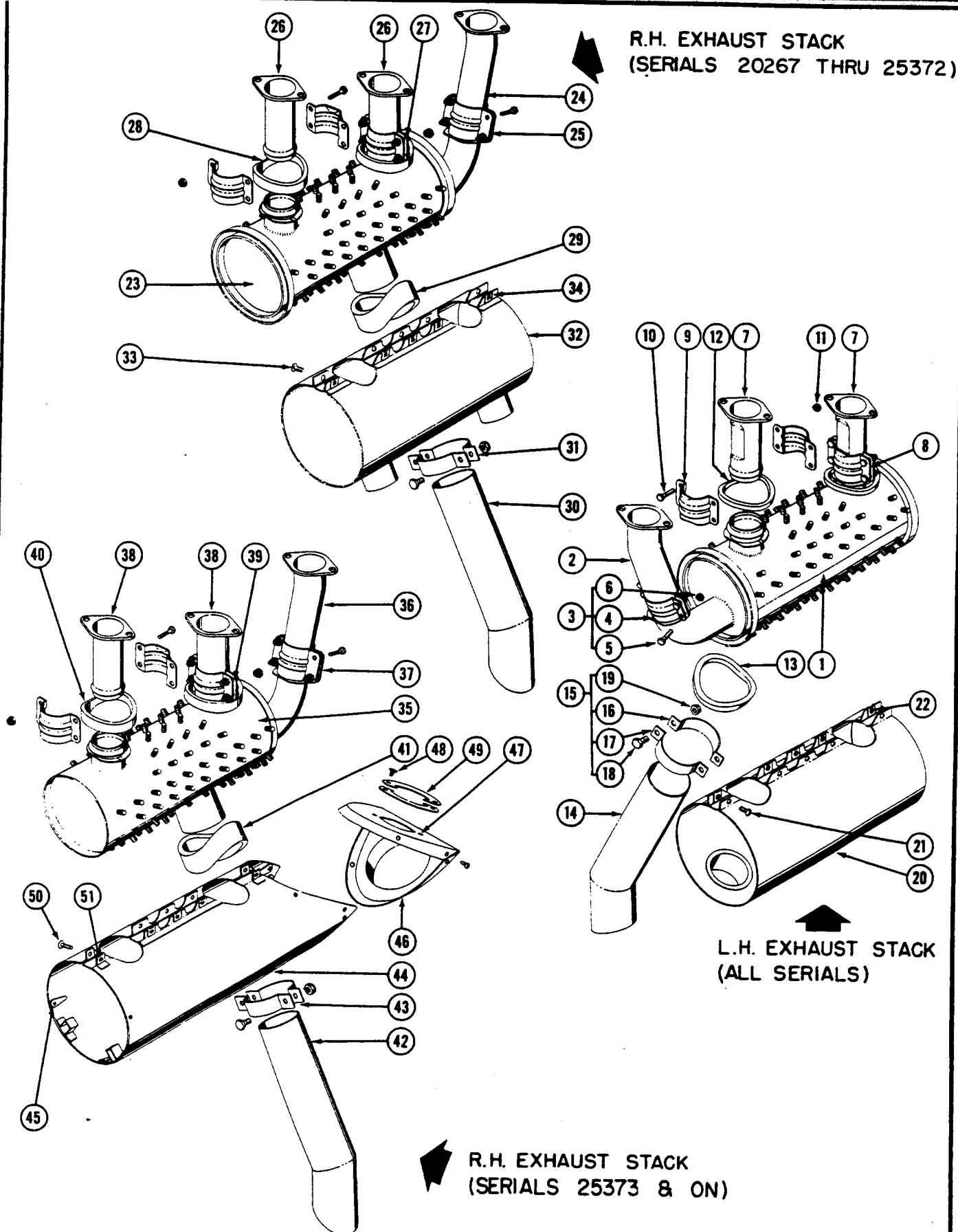


FIGURE 51. ENGINE EXHAUST STACK INSTALLATION

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
51-	No Number	Exhaust Stack Installation - (See figure 50 for NHA)	Ref
	0550157	Stack Assembly - Engine exhaust L. H.	1
-1	0550157-9	Exhaust Heater - Muffler L. H.	1
-2	0550157-8	Tube - Exhaust inlet	1
-3	0550157-50	Clamp Assembly - Exhaust tube	2
-4	0550157-6	Clamp - Exhaust tube	4
-5	AN3-4A	Bolt - (Attach clamp)	4
-6	AN365-1032C	Nut - (Attach clamp)	2
-7	0550157-7	Tube - Exhaust inlet	2
-8	0550157-51	Clamp Assembly - Exhaust tube	2
-9	0550157-35	Clamp - Exhaust tube	4
-10	AN3-4A	Bolt - (Attach clamp)	4
-11	AN365-1032C	Nut - (Attach clamp)	2
-12	0550157-29	Seal - Shroud upper	1
-13	0550157-31	Seal - Shroud lower L. H.	1
-14	0550157-4	Tailpipe - Exhaust L. H.	1
-15	0550157-5	Clamp Assembly - Tailpipe	1
-16	No Number	Clamp - Tailpipe	1
-17	No Number	Clamp - Tailpipe	4
-18	AN4-4A	Bolt - (Attach clamp)	4
-19	AN365-428C	Nut - (Attach clamp)	1
-20	0550157-15	Shroud - Exhaust heater L. H.	5
-21	AN525-832-8	Screw - (Attach shroud)	5
-22	C6052-832	Nut - (Attach shroud)	1
	0550157-1	Stack Assembly - Engine exhaust R. H. (serial 20267 thru 25372)	1
-23	0550157-9	Exhaust Heater - Muffler R. H.	1
-24	0550157-8	Tube - Exhaust inlet	1
-25	0550157-50	Clamp Assembly - Exhaust tube (see item 3 for breakdown)	2
-26	0550157-7	Tube - Exhaust inlet	2
-27	0550157-51	Clamp Assembly - Exhaust tube (see item 8 for breakdown)	2
-28	0550157-29	Seal - Shroud upper	1
-29	0550157-31	Seal - Shroud lower	1
-30	0550157-3	Tailpipe	1
-31	0550157-5	Clamp Assembly - Tailpipe (see item 15 for breakdown)	1
-32	0550157-15	Shroud - Exhaust heater	5
-33	AN525-832-8	Screw - (Attach shroud)	5
-34	C6052-832	Nut - (Attach shroud)	1
	0550157-34	Stack Assembly - Engine exhaust R. H. (serial 25373 & on)	1
-35	0550157-32	Exhaust Heater - Muffler R. H.	1
-36	0550157-8	Tube - Exhaust inlet	1
-37	0550157-50	Clamp Assembly - Exhaust tube (see item 3 for breakdown)	2
-38	0550157-7	Tube - Exhaust inlet	2
-39	0550157-51	Clamp Assembly - Exhaust tube (see item 8 for breakdown)	2
-40	0550157-29	Seal - Shroud upper	1
-41	0550157-30	Seal - Shroud lower R. H.	1
-42	0550157-33	Tailpipe - Exhaust R. H.	1
-43	0550157-5	Clamp Assembly - Tailpipe (see item 15 for breakdown)	1
	0550157-27	Shroud Assembly - Exhaust heater R. H.	1
-44	0550157-52	Shroud - Exhaust heater R. H.	12
-45	NAS445-3-3	Nut - Tinnerman (A6193SS-6Z)(A1181-6Z-3 alternate)	1
-46	0550157-53	Adapter - Exhaust heater R. H.	2
-47	NAS445-3-3	Nut - Tinnerman (A6193SS-6Z)(A1181-6Z-3 alternate)	10
-48	PK76XZ-6-8	Screw - (Attach adapter and shields)	2
-49	0550157-23	Shield - Adapter	5
-50	AN526-832-8	Screw - (Attach shroud)	5
-51	C6052-832	Nut - (Attach shroud)	

ILLUSTRATED PARTS CATALOG

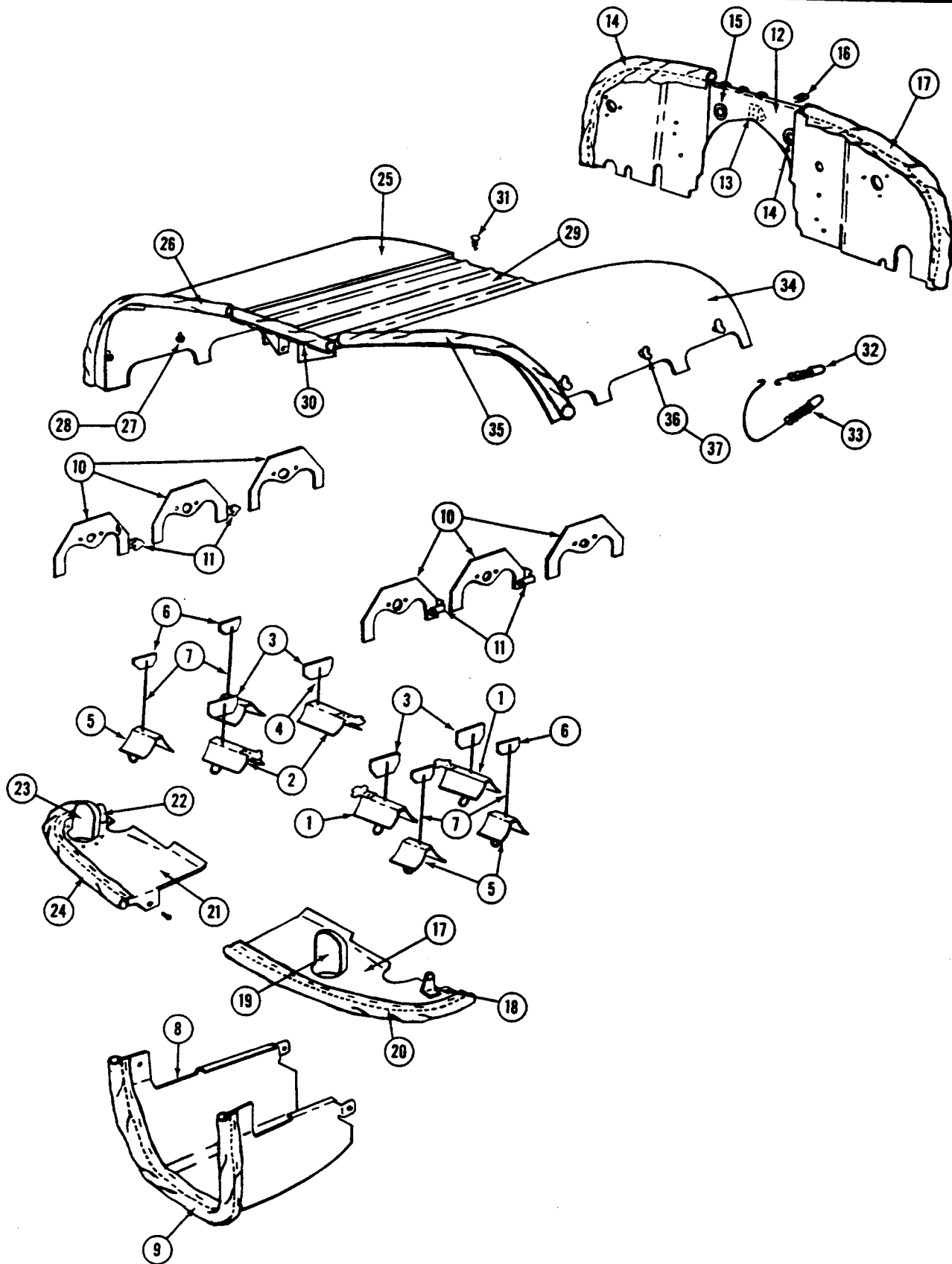


FIGURE 52. ENGINE BAFFLE INSTALLATION (SERIALS 20267 THRU 25372)

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASSY
52-	No Number	Engine Baffle Installation - (Serial 20267 thru 25372) (0550105 Ref.) (see figure 50 for NHA)	Ref
-1	0450322-2	Baffle Assembly - Inter-cylinder L. H.	2
-2	0450322-1	Baffle Assembly - Inter-cylinder R. H.	2
-3	0450210	Support - Cylinder	4
-4	0450211-1	Fastener - Baffle	4
-5	0450171	Baffle - Inter-head	4
-6	0450209	Support - Baffle	4
-7	0450211-2	Fastener - Baffle	4
-8	0550111-7	Baffle Assembly - Oil sump	1
-9	0450234-21	Rub Strip - Oil sump baffle	1
-10	0550106	Plate - Baffle	6
-11	0450171	Baffle - Inter-head	4
-12	0550121	Baffle Assembly - Rear cylinder	1
-13	0550110	Bracket - Baffle support	1
-14	0450234-16	Rub Strip - Baffle	2
-15	AN931-14-20	Grommet - Baffle	2
-16	NAS395-14-3	Nut - (Tinnerman #A1274-8Z-3)	4
-17	0550112	Baffle Assembly - Left front horizontal	1
-18	0450307	Bracket - Baffle support	1
-19	0450266	Scoop Assembly	1
-20	0450234-19	Rub Strip - Baffle	1
-21	0550113	Baffle Assembly - Right front horizontal	1
-22	0450307-1	Bracket - Baffle support	1
-23	0450266	Scoop Assembly	1
-24	0450234-20	Rub Strip - Baffle	1
-25	0550116	Baffle Assembly - Right cylinder	1
-26	0450234-17	Rub Strip - Baffle	1
-27	AW5-30	Fastener - Dzus	2
-28	GA5-375	Grommet - Dzus	2
-29	0550114	Baffle Assembly - Crankcase top	1
-30	0450234-15	Rub Strip - Baffle	2
-31	PK76XZ-8-8	Screw - Attach baffle	4
-32	0450277-1	Fastener	2
-33	0450277-2	Fastener	2
-34	0550115	Baffle Assembly - Left cylinder	1
-35	0540234-1	Rub Strip - Baffle	1
-36	AW5-30	Fastener - Dzus	2
-37	GA5-375	Grommet - Dzus	2

ILLUSTRATED PARTS CATALOG

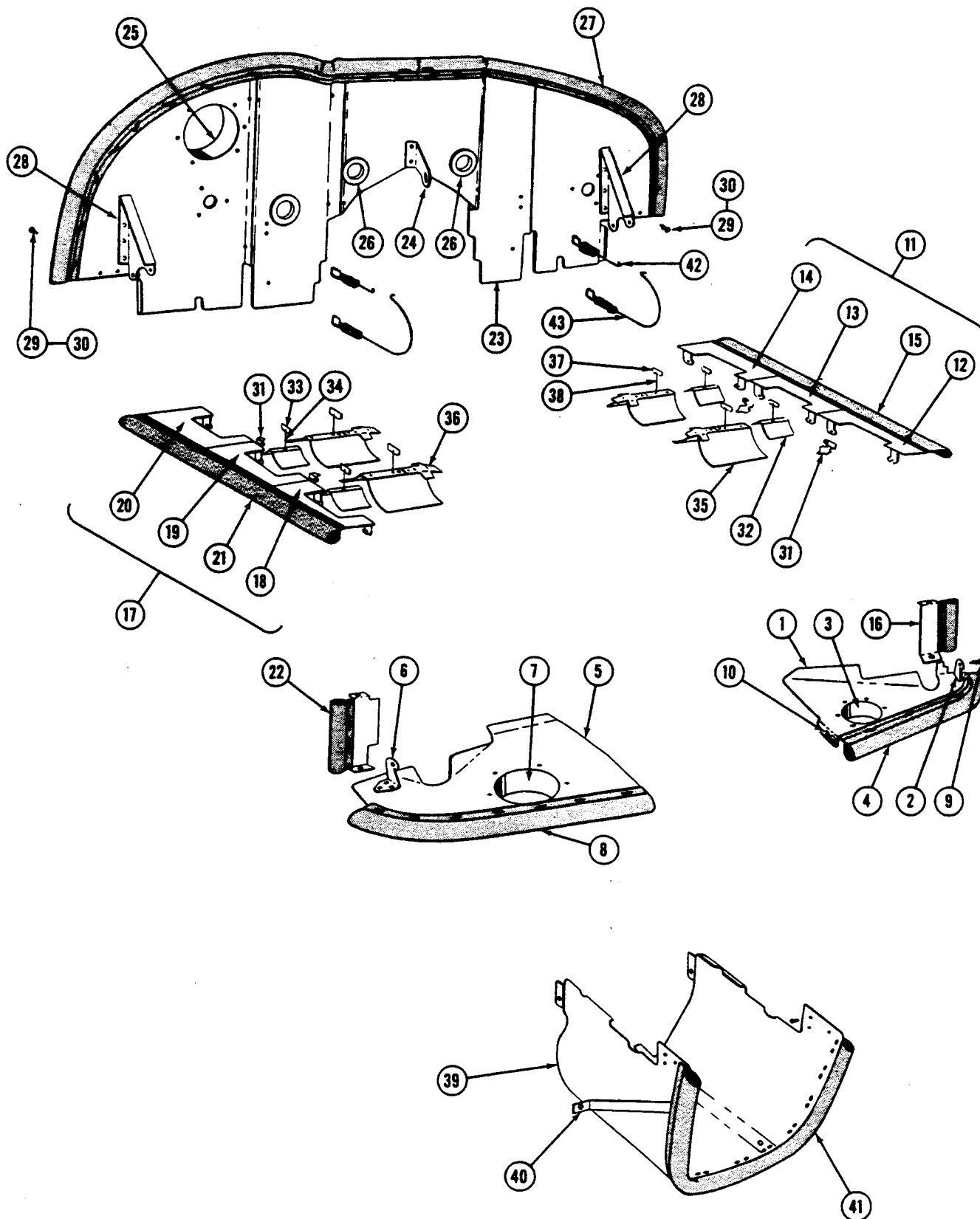


FIGURE 53. ENGINE BAFFLE INSTALLATION (SERIALS 25373 AND ON)

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
53-	No Number	Baffle Installation - Engine (0550105 Ref.) (serial 25373 & on) (see figure 50 for NHA)	Ref
-1	0550165-6	Baffle Assembly - Horizontal front left	1
-2	0450307	Support - Left front baffle	1
-3	0450262	Union - Left front baffle	1
-4	0450234-23	Rub Strip - Left front baffle	1
-5	0550165-2	Baffle Assembly - Horizontal front right	1
-6	0450307-1	Support - Right front baffle	1
-7	0713019-33	Union - Right front baffle	1
-8	0450234-24	Rub Strip - Right front baffle	4
-9	PK76XZ-8-6	Screw - (Attach baffle)	4
-10	NAS444-6	Nut - (Attach baffle)	1
-11	0550164-7	Baffle Assembly - Horizontal cylinder left	1
-12	0550164-1	Baffle - Left cylinder	1
-13	0550164-3	Baffle - Left cylinder	1
-14	0550164-5	Baffle - Left cylinder	1
-15	0450234-22	Rub Strip - Left cylinder baffles	1
-16	0550164-11	Baffle - LH forward	1
-17	0550164-8	Baffle Assembly - Horizontal cylinder right	1
-18	0550164-2	Baffle - Right cylinder	1
-19	0550164-4	Baffle - Right cylinder	1
-20	0550164-6	Baffle - Right cylinder	1
-21	0450234-22	Rub Strip - Right cylinder baffles	1
-22	0550164-10	Baffle - RH forward	1
-23	0550163	Baffle Assembly - Rear cylinders	1
-24	0550110	Support - Baffle	1
-25	0713019-33	Union - Rear baffle	2
-26	AN931-14-20	Grommet - Rear baffle	1
-27	0450234-25	Rub Strip - Rear baffle	2
-28	0550163-3	Supports - Baffle	4
-29	PK76XZ-8-6	Screw - (Attach baffle)	4
-30	NAS444-6	Nut - (Attach baffle)	4
-31	0550117	Baffle - Inner cylinder	4
-32	0450171	Baffle - Inner cylinder head	4
-33	0450209	Support - Baffle	4
-34	0450211-2	Fastener - Baffle	2
-35	0450322-2	Baffle - Inner cylinder	2
-36	0450322-3	Baffle - Inner cylinder	4
-37	0450210	Support - Baffle	4
-38	0450211-1	Fastener - Baffle	1
-39	0550111-7	Baffle - Oil sump	2
-40	0550111-4	Brace - Baffle	1
-41	0450234-21	Rub Strip - Baffle	2
-42	0450277-1	Fastener - Baffle	2
-43	0450277-2	Fastener - Baffle	2

ILLUSTRATED PARTS CATALOG

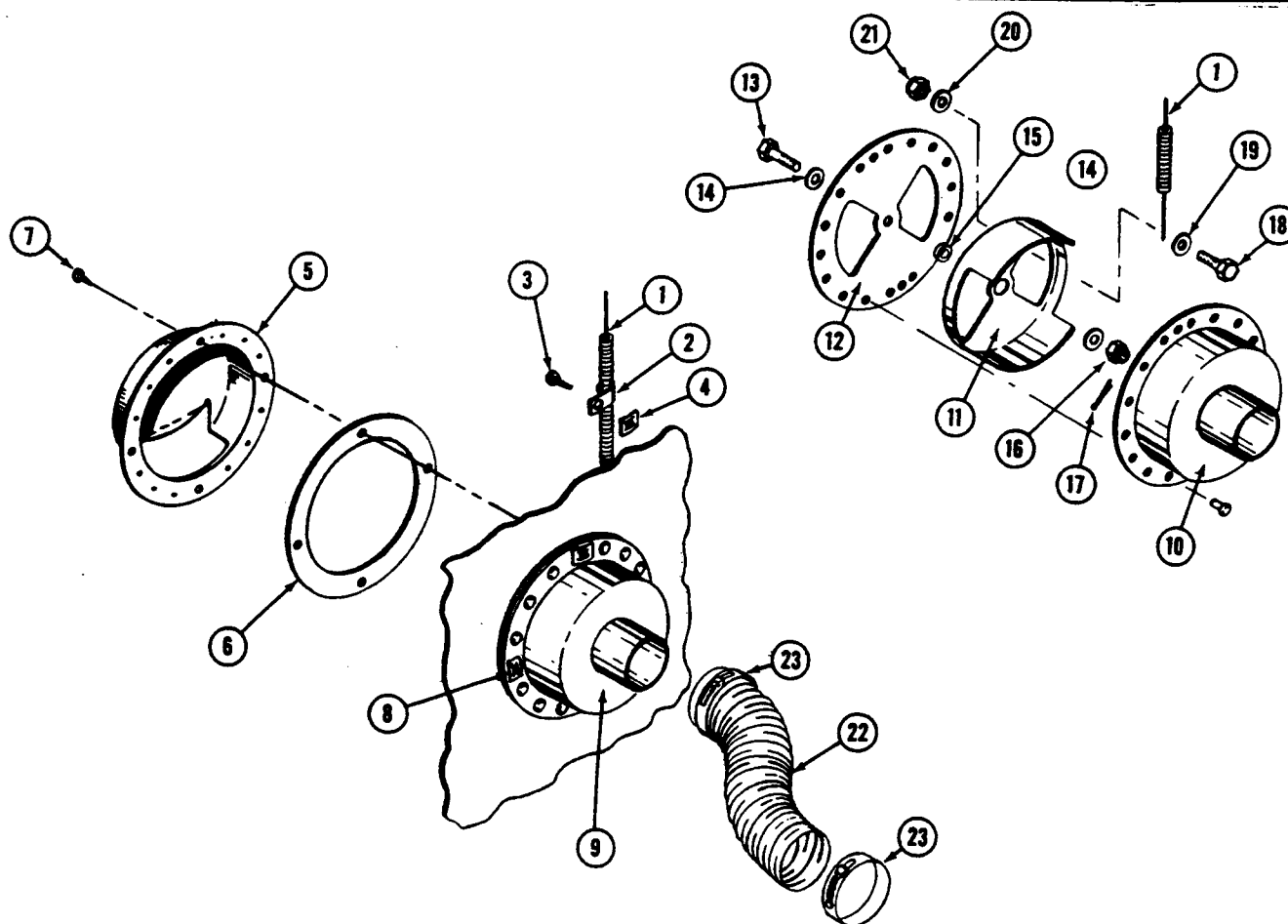


FIGURE 54. MANIFOLD TYPE CABIN HEATER INSTALLATION (SERIALS 20267 THRU 25372)

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
54-	No Number	Cabin Heater Installation -(Serial 20267 thru 25372)(0511105 Ref.) (see figure 1 for NHA)	Ref
-1	0411090-2	Control - Cabin heater (see figure 37 for NHA)	Ref
-2	AN742-D3	Clamp - (Attach control)(Tinnerman #A2980A-3)	1
-3	PK76XZ-8-8	Screw - (Attach clamp)	1
-4	NAS446-4	Nut - (Attach clamp) (Tinnerman #1778-8Z-3)	1
-5	0550161	Deflector - Cabin heat	1
-6	0411773-1	Plate - Cabin heater outlet cover	1
-7	PK76XZ-8-8	Screw - (Attach plate)	4
-8	NAS446-4	Nut - (Attach plate) (Tinnerman #1778-8Z-3)	4
-9	0450247	Valve Assembly - Cabin heater	1
-10	0450248	Housing - Cabin heater valve	1
-11	0450250	Cylinder - Cabin heater valve	1
-12	0450253	Plate - Cabin heater valve	1
-13	AN3-4	Bolt - (Assemble valve)	1
-14	AN970-3	Washer - (Assemble valve)	2
-15	0450252	Bearing - Cabin heater valve	1
-16	AN320-3	Nut - (Assemble valve)	1
-17	AN380-2-2	Pin - Cotter	1
-18	0450311	Clamp - Control wire	1
-19	AN960-10L	Washer	1
-20	AN960-10	Washer	1
-21	AN365-1032	Nut - (Attach clamp)	1
-22	0450320	Hose - Heater	1
-23	NAS395-32	Clamp - (Attach hose)	2

ILLUSTRATED PARTS CATALOG

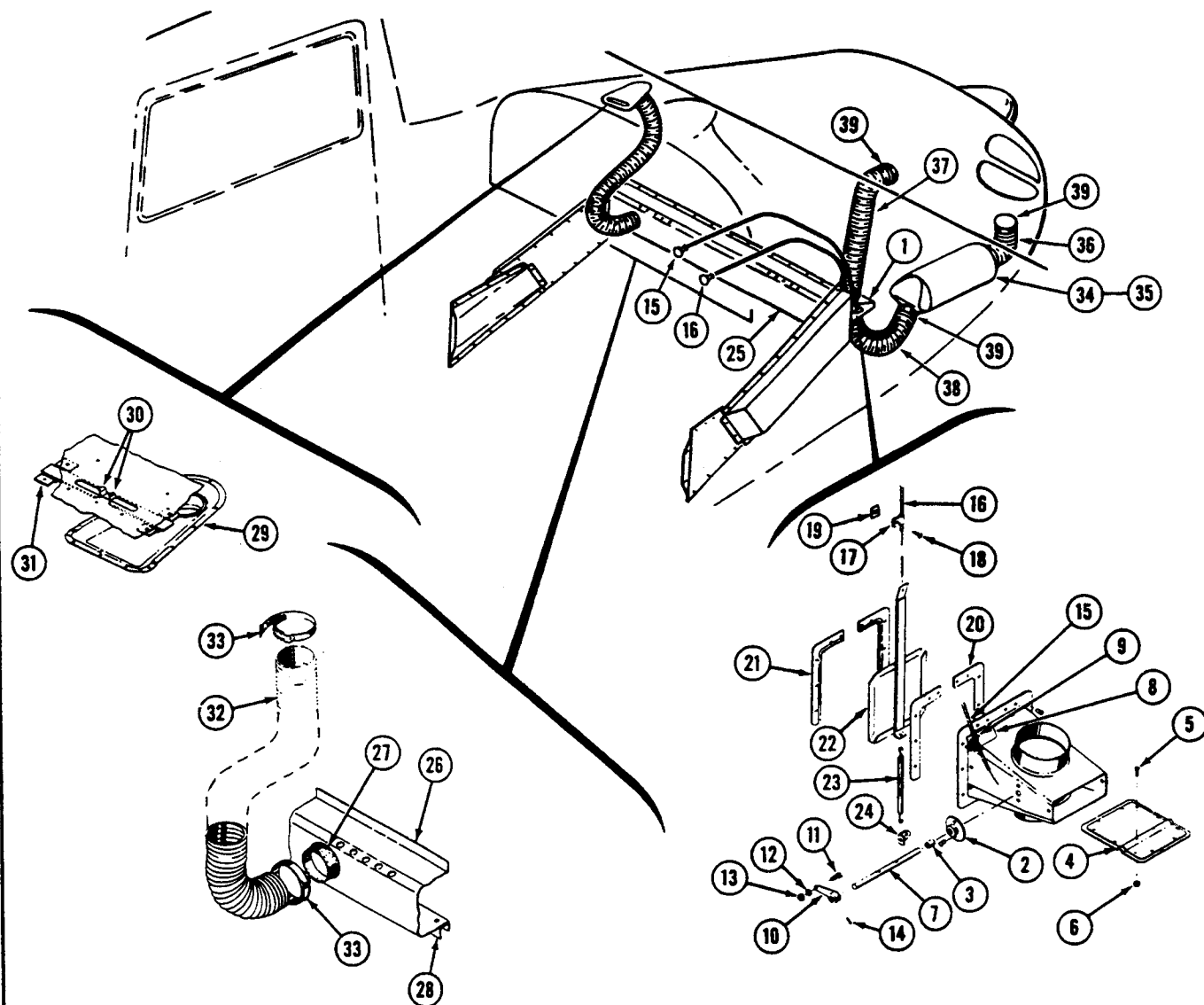


FIGURE 55. MANIFOLD TYPE CABIN HEATER INSTALLATION (SERIALS 25373 AND ON)

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
55-	No Number	Cabin Heater Installation - (Serial 25373 & on)(0513030 Ref.)(see figure 1 for NHA)	Ref
-1	0713019-20	Valve Assembly - Cabin heater	1
-2	0713019-41	Bushing Assembly - Cabin heater valve	2
-3	A367-1	Bearing - Cabin heater valve (Oilite)	1
-4	0713019-85	Plate Assembly - Cabin heater valve	1
-5	AN526-632R9	Screw - (Attach gate)	2
-6	AN365-632C	Nut - (Attach gate)	2
-7	0713019-16	Shaft - Cabin heater valve	1
-8	0450286	Angle - Cabin heater valve	1
-9	0713019-16	Clip - Cabin heater valve	1
-10	0713019-24	Arm Assembly - Cabin heater valve	1
-11	0450311-5	Clamp - (Attach cabin heat control)	1
-12	AN960-10L	Washer - (Attach cabin heat control)	1
-13	AN364-1032	Nut - (Attach cabin heat control)	1
-14	52-018-078-05625	Roll Pin - Esna	1

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
55-15	0411090-20	Control - Cabin heat (see figure 42 for NHA) (serial 25373 thru 26038)	Ref
-16	0411090-5	Control - Cabin heat (see figure 42A & 42B for NHA) (serial 26039 & on)	Ref
-16	0411090-14	Control - Cabin air (see figure 42 for NHA) (serial 25373 thru 26038)	Ref
-17	0411090-17	Control - Cabin air (see figure 42A & 42B for NHA) (serial 26039 & on)	Ref
-17	A2980A-3	Clamp - (Attach cabin air control) (Tinnerman A2980A-3)	1
-18	PK76XZ-8-8	Screw - (Attach clamp)	1
-19	NAS446-9	Nut - (Attach clamp)	1
-20	0713019-78	Spacer - Heat valve	1
-21	0713019-35	Spacer - Heat valve	2
-22	0713019-75	Valve Assembly - Cabin air	2
-23	0713019-37	Spring - Cabin air valve	1
-24	0413151	Bracket - Spring attachment	1
-25	0713019-89	Duct Assembly - Cabin heater	1
-26	0713019-87	Duct - Heater	1
-27	0713019-3	Outlet - Defroster	1
-28	0713019-31	Angle - Upholstery retainer	6
-29	0513033-2	Duct Assembly - Defroster	1
-30	0713019-8	Valve - Defroster duct	1
-31	0513030-2	Guide - Valve	2
-32	0450320-30	Hose - (Cabin heater duct to defroster)	2
-33	NAS397-32	Clamp - Hose	1
-34	0713019-32	Inlet - Cabin heater shroud	2
-35	PK76XZ-8-8	Screw - (Attach inlet)	1
-36	0450320-27	Hose - (Inlet to baffle)	4
-37	0450320-25	Hose - (Cabin heater valve to baffle)	1
-38	0450320-26	Hose - (Cabin heater valve to shroud)	1
-39	NAS398-50	Clamp - (Attach hoses)	1
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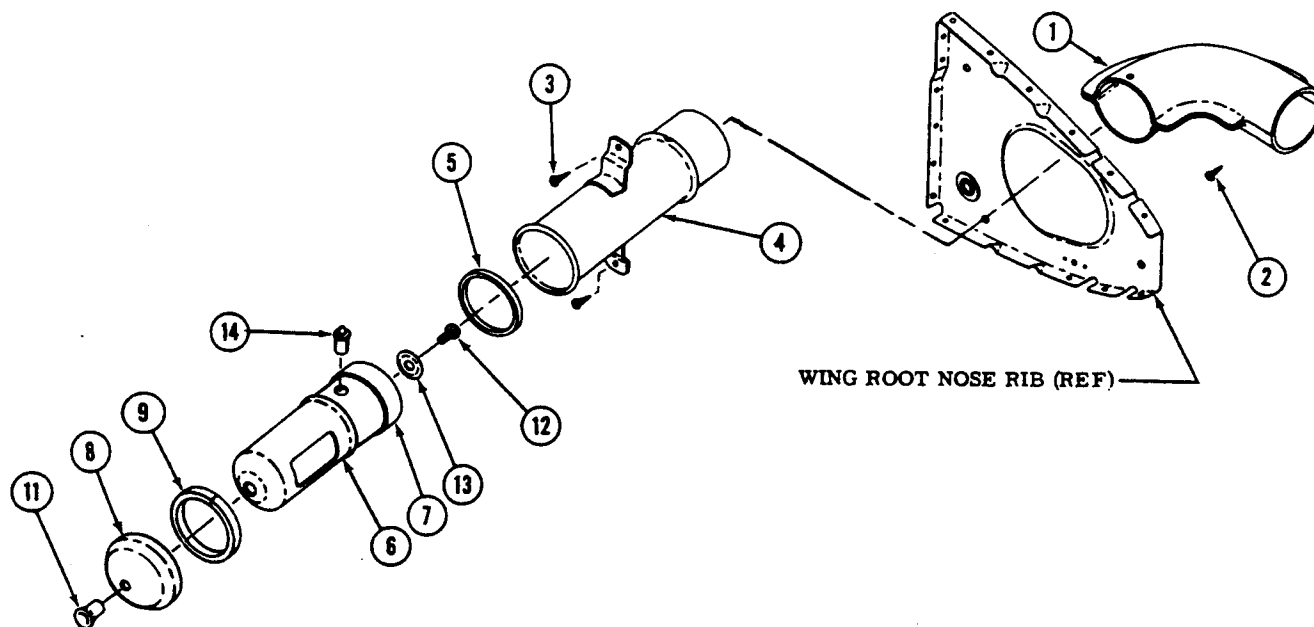


FIGURE 56. CABIN VENTILATION SYSTEM

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
56-	No Number	Cabin Air Vent Installation - (See figure 1 for NHA)	
-1	0413233	Elbow Assembly - Cabin air vent	Ref
-2	PK76XZ-8-6	Screw - (Attach elbow)	2
-3	PK76XZ-8-6	Screw - (Attach outlet assembly)	1
	Deleted		2
	Deleted		
	0413163-12	Outlet Assembly - LH	
	0413163-13	Outlet Assembly - RH	1
-4	0413163-8	Tube Assembly - LH	1
	0413163-9	Tube Assembly - RH	1
-5	0413163-7	Seal - Felt	1
-6	0413163-18	Outlet Assembly	1
-7	0413163-5	Seal	1
	0413163-11	Cap Assembly - Air outlet	1
-8	0413257	Cap	1
-9	0413163-10	Seal - Cap	1
-10	Deleted		1
-11	0411092-1	Knob - Cap	
-12	AN526-832R8	Screw - (Attach knob)	1
-13	0413228	Washer - (Attach knob)	1
-14	0413203	Catch - Bullet	1
			2

ILLUSTRATED PARTS CATALOG

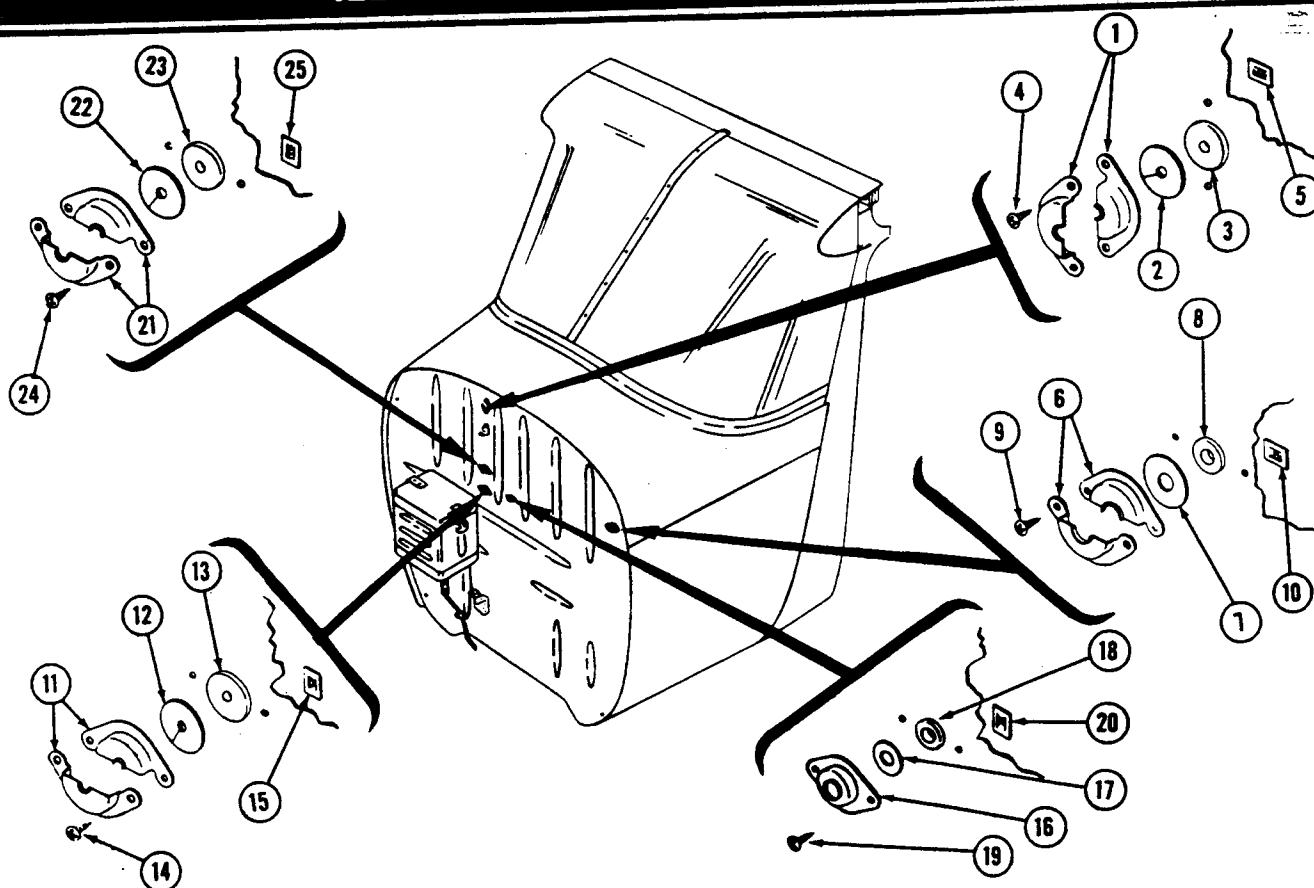


FIGURE 57. FIREPROOF GROMMETS INSTALLATION

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
57-	No Number	Grommet Installation - Firewall - (Tachometer shaft)(see figure 1 for NHA)	Ref
-1	0353111-8	Shield - Firewall hole	2
-2	0353112-5	Shield - Asbestos grommet	1
-3	AN931-4-16	Grommet	1
-4	PK76XZ-8-6	Screw	2
-5	NAS446-4	Nut - (Tinnerman A1778-8Z-3)	2
-6	No Number	Grommet Installation - Firewall - (Wiring harness)	Ref
-7	0353111-4	Shield - Firewall hole	2
-8	0353112-4	Shield - Asbestos grommet	1
-9	AN931-7-11	Grommet	1
-10	PK76XZ-8-6	Screw	2
-11	NAS446-4	Nut - (Tinnerman A1778-8Z-3)	2
-12	No Number	Grommet Installation - Firewall - (Oil temperature gage line)	Ref
-13	0353111-5	Shield - Firewall hole	2
-14	0353112-5	Shield - Asbestos grommet	1
-15	AN931-4S16	Grommet	1
-16	PK76XZ-8-6	Screw	2
-17	NAS446-4	Nut - (Tinnerman A1778-8Z-3)	2
-18	No Number	Grommet Installation - Firewall - (Throttle control)	Ref
-19	0353111-1	Shield - Firewall hole	1
-20	0353112-1	Shield - Asbestos grommet	1
-21	AN931-6-10	Grommet	1
-22	PK76XZ-8-6	Screw	2
-23	NAS446-4	Nut - (Tinnerman A1778-8Z-3)	2
-24	No Number	Grommet Installation - Firewall (Mag. "p" lead) (serial 25373 & on)	Ref
-25	0353111-5	Shield - Firewall hole	2
-26	0353112-8	Shield - Asbestos grommet	1
-27	AN931-5S13	Grommet	1
-28	PK76XZ-8-6	Screw	2
-29	NAS446-4	Nut - (Tinnerman A1778-8Z-3)	2

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SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

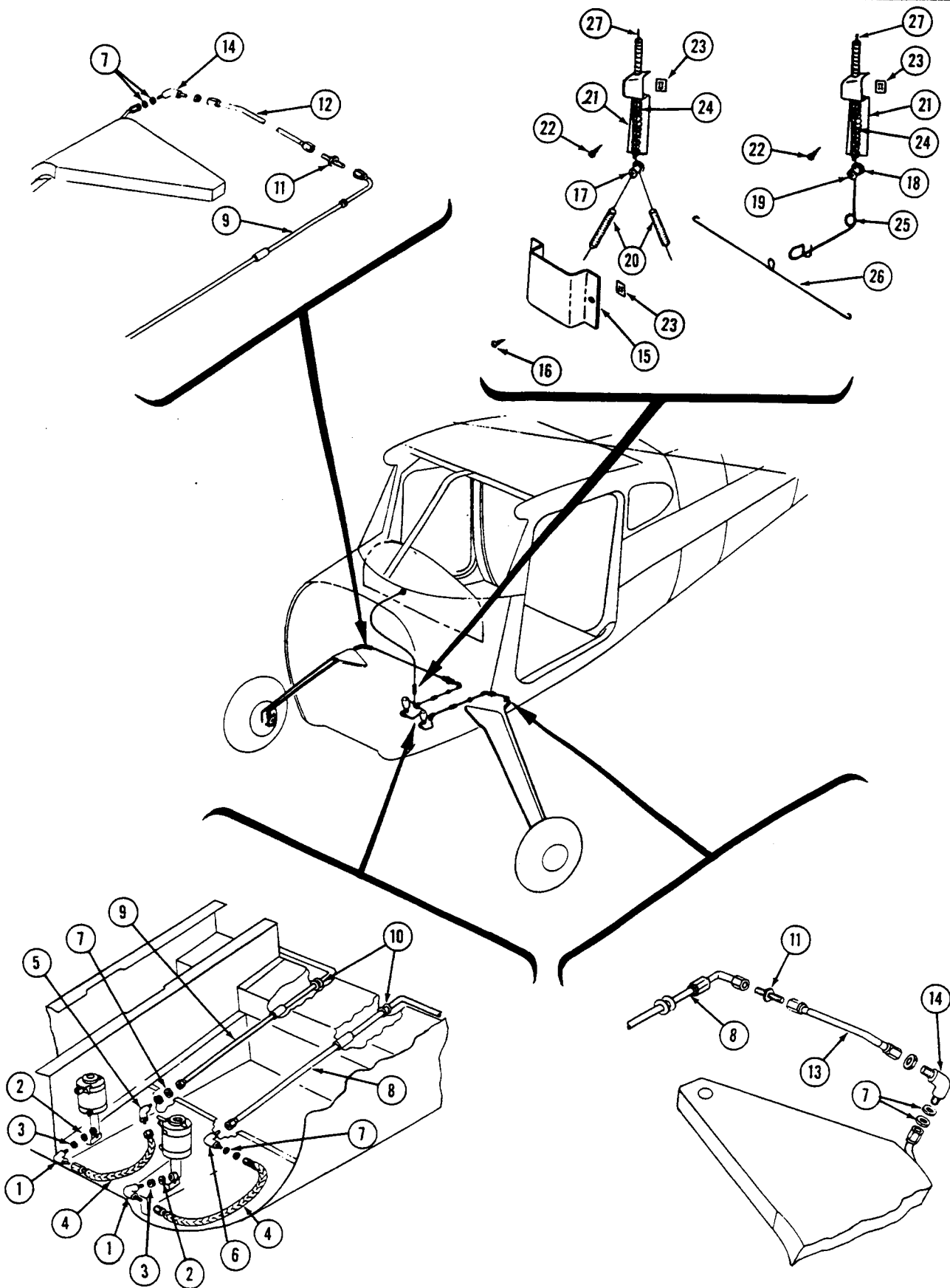


FIGURE 58. BRAKE SYSTEM

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
58-	No Number	Brake System-(0510101 Ref.) (see figure 1 for NHA)	Ref
-1	AN833-4D	Elbow - Cylinder to hose	2
-2	AN902-4	Gasket - Elbow	2
-3	AN924-4D	Nut - (Attach elbow)	8
-4	MS28741-4-0100	Hose - (Master cylinder to elbow)	2
-5	AN837-4D	Elbow - (Hose to brake line right)	1
-6	AN833-4D	Elbow - (Hose to brake line left)	1
-7	AN960-716L	Washer - Elbow	8
-8	0500106-35	Brake Line - (Bulkhead to union left)	1
-9	0500106-14	Brake Line - (Bulkhead to union right)	1
-10	AN931-46-12	Grommet - Bulkhead	2
-11	AN815-4D	Union - Brake line	2
-12	0500106-13	Brake Line - (Union to fuselage skin right)	1
-13	0500106-12	Brake Line - (Union to fuselage skin left)	1
-14	AN833-4D	Elbow - Brake line	4
-15	0441022	Guard - Parking brake control (Serial 20267 thru 24999)	1
-16	PK76XZ-8-6	Screw - (Attach guard)	2
-17	0450258	Clamp - Parking brake control (Serial 20267 thru 24999)	1
-18	0713037	Clamp - Parking brake control (Serial 25000 & on)	1
-19	AN500A8-5	Screw - (Attach clamp)	1
-20	0441020	Spring - Parking brake wire	1
-21	0413186-3	Clamp - Parking brake wire	1
-22	PK76XZ-8-8	Screw - (Attach clamp)	2
-23	NAS446-4	Nut - (Attach clamp & guard)	2
-24	0441021	Spring - Parking brake	1
-25	0713020-1	Linkage Spring - Parking brake (Serial 25000 & on)	1
-26	0713020-2	Crossarm - Parking brake (Serial 25000 & on)	1
-27	0411090-1	Control - Parking brake (serials 20267 thru 24999) (see figure 37)	Ref
	0411090-15	Control - Parking brake (serials 25000 thru 25372) (see figure 37)	Ref
	0411090-9	Control - Parking brake (serial 25373 thru 26038) (see figure 42)	Ref
	0411090-19	Control - Parking brake (serial 26039 & on) (see figure 42A and 42B)	Ref

ILLUSTRATED PARTS CATALOG

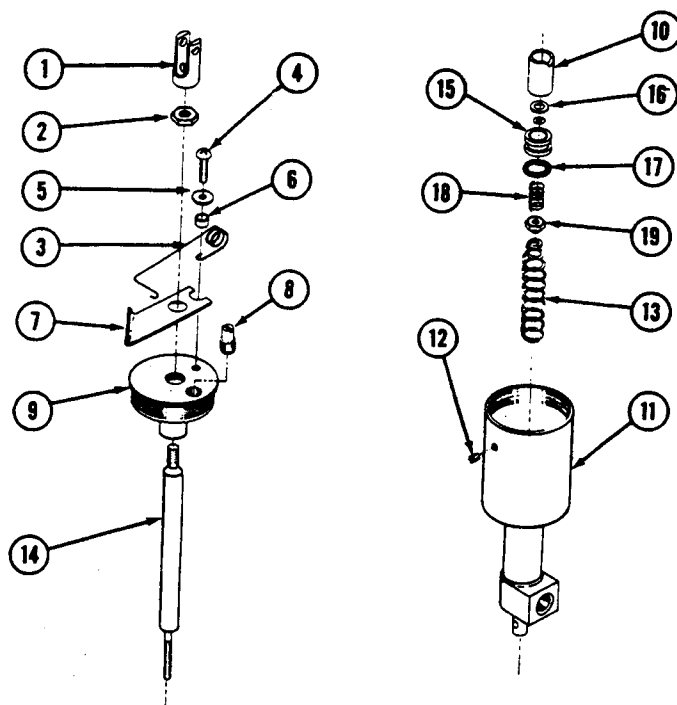


FIGURE 59. BRAKE MASTER CYLINDER

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
59-	0541138-1	Master Cylinder Assembly - Right brake (see figure 60 for NHA) (serial 20267 thru 24999)	Ref
	0541138-2	Master Cylinder Assembly - Left brake (see figure 60 for NHA) (serial 20267 thru 24999)	Ref
	0541138-7	Master Cylinder Assembly - Left brake (see figure 60 & 60A for NHA) (serial 25000 & on)	Ref
-1	0541140	Master Cylinder Assembly - Right brake (see figure 60 & 60A for NHA) (serial 25000 & on)	Ref
-2	AN316-4R	Clevis - Rod end	1
-3	0541145	Nut - Check	1
-4	AN515-10R8	Spring - Parking brake	1
-5	AN960-10	Screw - Machine	1
-6	0541146	Washer	1
-7	0541141	Spacer	1
	0541141-1	Plate - Lock (serial 20267 thru 24999)	1
	0541141-2	Plate - Left lock (serial 25000 & on)	1
-8	0541139	Plate - Right lock (serial 25000 & on)	1
-9	0541151	Plug - Filler	1
-10	0541149	Cover - Master cylinder	1
-11	0541147	Sleeve - Piston rod	1
-12	AN565D6-3	Body - Master cylinder	1
-13	0541148	Screw - Set	1
	0541138-5	Spring - Piston return	1
-14	0541144	Piston Assembly - Master cylinder	1
-15	0541143	Rod - Piston	1
-16	200AC-6	Piston - Master cylinder	1
-17	AN6227-8	Lock-O-Seal - Piston rod	1
-18	0541148-1	O-Ring - Piston	1
-19	AN365-632C	Spring - Piston (serial 20530 & on)	1
	3539-14-00	Nut - Piston	1
	AN960-6	* Spring - Steel (serial 20267 thru 20529)	1
		* Washer - Piston (serial 20267 thru 20529)	1
*Note These items are not available as spares.			

ORDER BY PART NUMBER AND NAME

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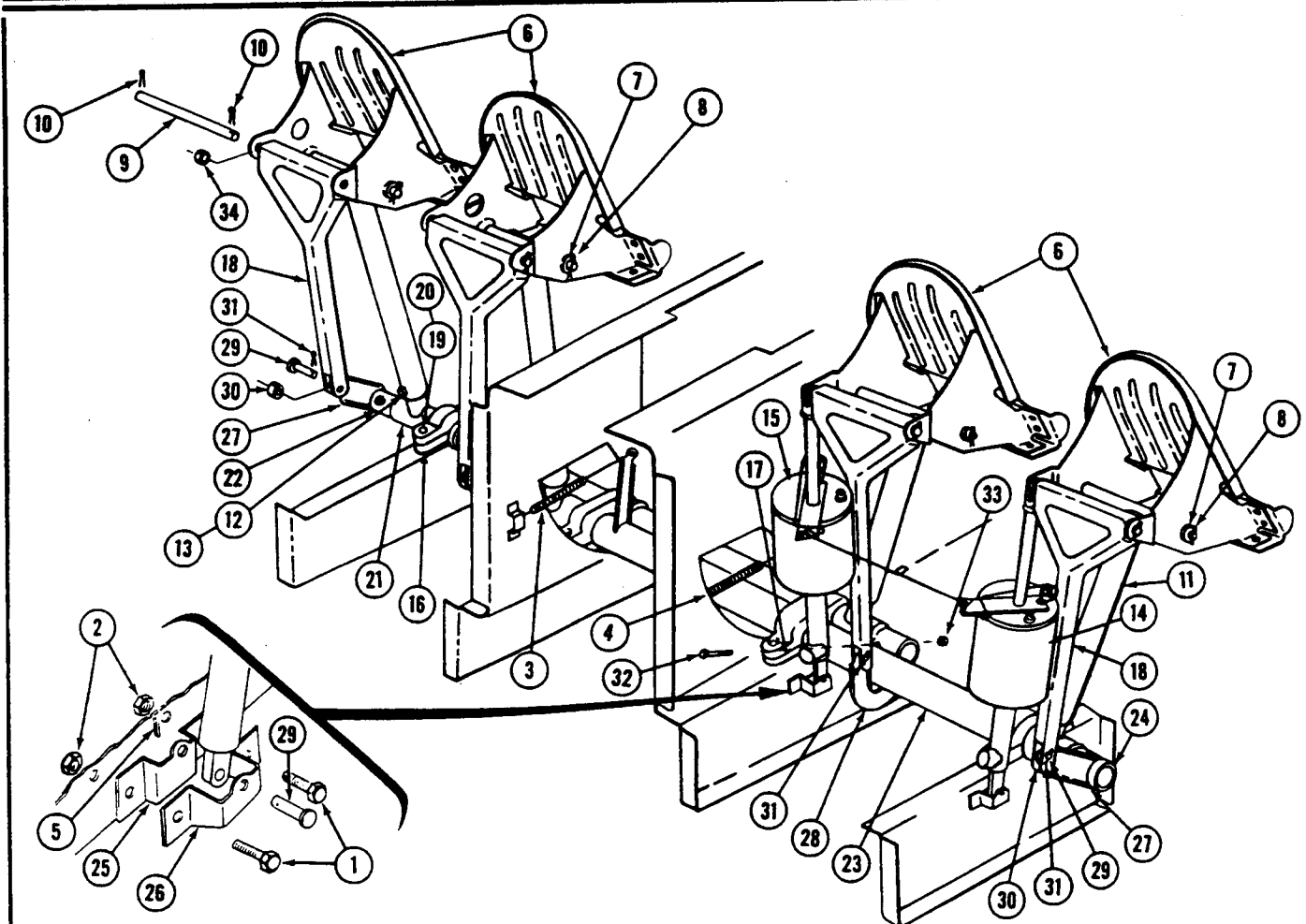


FIGURE 60. BRAKE AND RUDDER PEDAL INSTALLATION (SERIAL 20267 THRU 26995)

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASSY
60-	No Number	Pedal Installation - Rudder and brake (0510401 Ref) (serial 20267 thru 26995) (see figure 1 for NHA)	Ref
-1	AN3-4A	Bolt - (Attach brake cylinder bracket)	4
-2	AN365-1032	Nut - (Attach brake cylinder bracket)	4
-3	0310196-3	Spring - Brake and rudder return right	1
-4	0310196-4	Spring - Brake and rudder return left	1
-5	AN380-2-2	Pin - Cotter	2
	No Number	Pedal Assembly - Brake and rudder	1
-6	0310452	Pedal - Brake and rudder (serial 20267 thru 20609)1	4
	0310453	Pedal - Brake and rudder (serial 20610 thru 26995)	4
-7	0411369-2	Shaft - (Attach pedals)	2
-8	AN380-3-4	Pin - Cotter	4
-9	0411778-2	Shaft - (Attach master cylinder to pedal)	2
-10	AN380-2-2	Pin - Cotter	8
-11	0411307	Arm - Rudder bar	2
-12	AN3-11A	Bolt - (Attach rudder bar)	2
-13	AN365-1032	Nut - (Attach rudder bar)	2
-14	0541138-1	Cylinder - Master brake left (serial 20267 thru 24999) (see fig. 59 for bkdn)	1
-15	0541138-2	Cylinder - Master brake right (serial 20267 thru 24999) (see fig. 59 for bkdn)	1
	0541138-7	Cylinder - Master brake left (serial 25000 thru 26995) (see fig. 59 for bkdn)	1
	0541138-6	Cylinder - Master brake right (serial 25000 thru 26995) (see fig. 59 for bkdn)	1
-16	0411263	Bearing - Rudder pedal outboard	1
-17	0411264	Bearing - Rudder pedal inboard	1
-18	0411564	Link - Dual brakes	4
-19	AN3-14A	Bolt - (Attach bearing)	4

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FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
60-20	AN365-1032	Nut - (Attach bearing)	4
-21	0411548	Bearing - Rudder bar	4
-22	0411306-1	Weld Assembly	1
-23	0411306	Weld Assembly - Rudder	1
-24	0411565	Tube - Brake	1
-25	0411549	Bracket - Brake cylinder inside	2
-26	0411550	Bracket - Brake cylinder outside	2
-27	0411563	Bellcrank Assembly - Rudder bar	3
-28	0411573	Bellcrank Assembly - Rudder bar	1
-29	AN393-15	Pin - Flat head (attach link)	6
-30	NAS43-3-12	Spacer - (Attach link)	4
-31	AN380-2-2	Pin - Cotter	4
-32	AN3-10A	Bolt - (Attach bellcrank)	4
-33	AN365-1032	Nut - (Attach bellcrank)	4
-34	NAS42-6-8	Spacer	2

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SERIAL NUMBER AND COLOR IF APPLICABLE

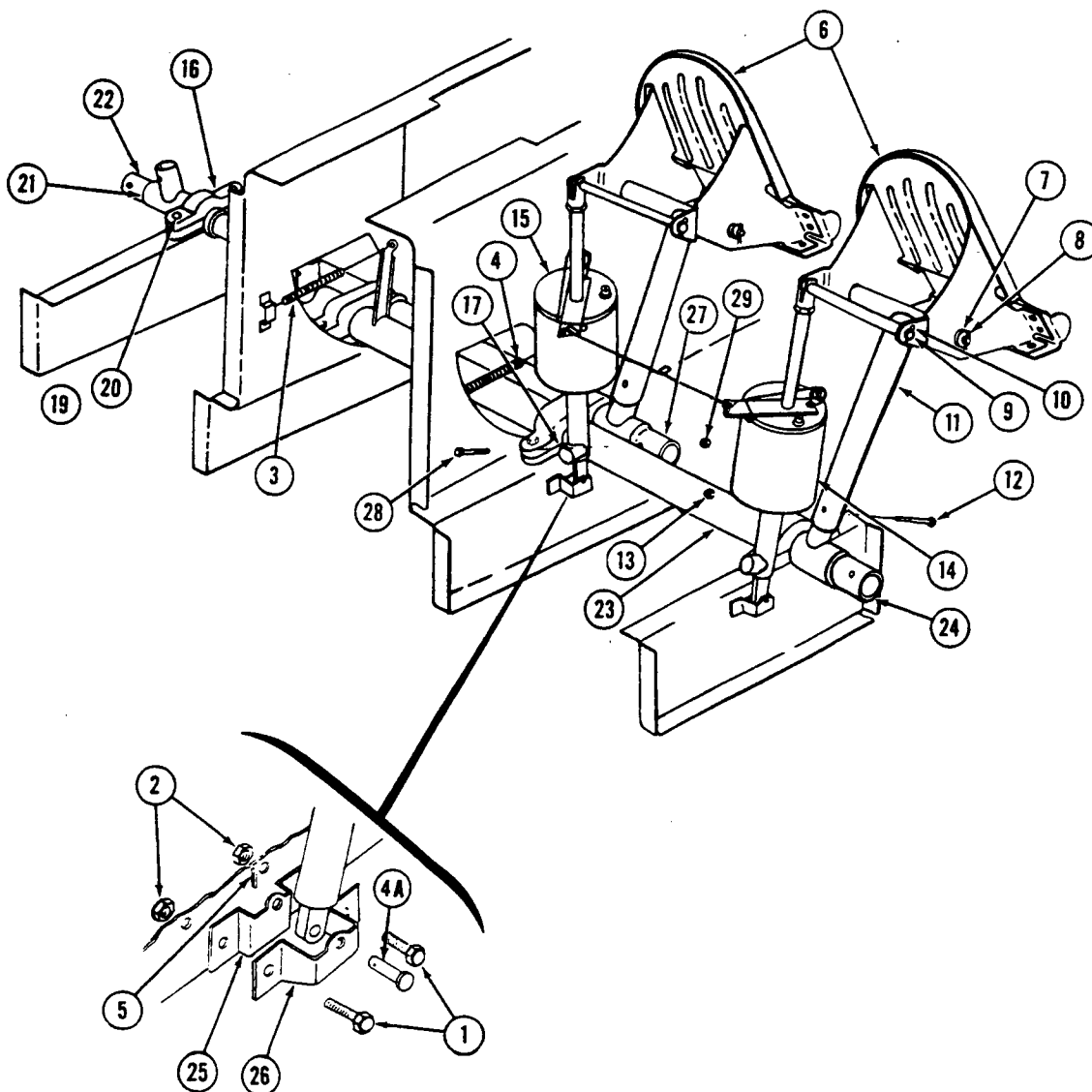


FIGURE 60A. BRAKE AND RUDDER PEDAL INSTALLATION (SERIAL 26996 AND ON)

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
60A-	No Number	Pedal Installation - Rudder and brake (see figure 1 for NHA) (serial 20996 & on)	Ref
-1	AN3-4A	. Bolt - (Attach brake cylinder bracket)	4
-2	AN365-1032	. Nut - (Attach brake cylinder bracket)	4
-3	0310196-3	. Spring - Brake and rudder return right	1
-4	0310196-4	. Spring - Brake and rudder return left	1
-4A	AN393-15	. Pin - Flathead (attach brake cylinder)	2
-5	AN380-2-2	. Pin - Cotter	4
	No Number	. Pedal Assembly - Brake and rudder	1
-6	0310453	. Pedal - Brake and rudder	2
-7	0411369-2	. Shaft - (Attach pedals)	2
-8	AN380-3-4	. Pin - Cotter	4
-9	0411778-2	. Shaft - (Attach master cylinder to pedals)	2
-10	AN380-2-2	. Pin - Cotter	4
-11	0411307	. Arm - Rudder Bar	2
-12	AN3-11A	. Bolt - (Attach rudder bar)	2
-13	AN365-1032	. Nut - (Attach rudder bar)	2
-14	0541138-7	. Cylinder - Master brake left	1
-15	0541138-6	. Cylinder - Master brake right	1
-16	0411263	. Bearing - Rudder pedal outboard	1
-17	0411264	. Bearing - Rudder pedal inboard	1
-18	Deleted		
-19	AN3-14A	. Bolt - (Attach bearings)	4
-20	AN365-1032	. Nut - (Attach bearings)	4
-21	0411548	. Bearing - Rudder bar	4
-22	0411306-1	. Weld Assembly	1
-23	0411306	. Weld Assembly - Rudder	1
-24	0411565	. Tube - Brake	1
-25	0411549	. Bracket - Brake cylinder inside	2
-26	0411550	. Bracket - Brake cylinder inside	2
-27	0511562	. Hub	4
-28	AN3-10A	. Bolt - (Attach hub)	2
-29	AN365-1032	. Nut - (Attach hub)	2

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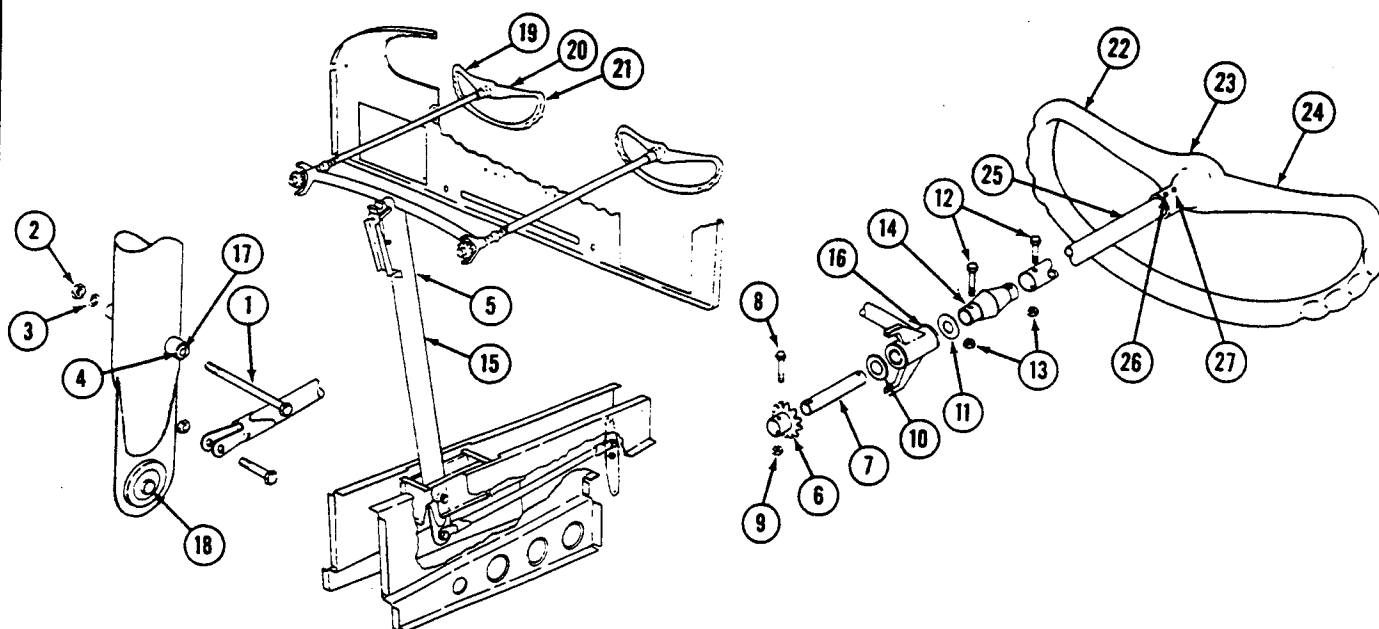


FIGURE 61. CONTROL TEE INSTALLATION (SERIAL 20267 THRU 26995)

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
61-	No Number	Tee Installation - Control (0513000 Ref.) (see figure 1 for NHA) (serials 20267 thru 26995)	Ref
-1	AN4-31A	Bolt - (Control tee lower)	1
-2	AN365-428	Nut - (Control tee lower)	1
-3	AN960-416L	Washer - (Control tee lower)	1
-4	S-18-30	Bushing - (Control tee lower)	1
-5	0411221-3	Tee Assembly - Control	1
-6	0411047	Sprocket - Aileron chain	1
-7	0411255	Shaft - Control tee	2
-8	AN3-11A	Bolt - (Attach sprocket)	2
-9	AN365-1032	Nut - (Attach sprocket)	2
-10	AN960-816	Washer	2
-11	AN960-A816L	Washer	2
-12	AN3-10A	Bolt - (Attach universal joint)	AR
-13	AN365-1032	Nut - (Attach universal joint)	2
-14	0411257	Joint - Universal	2
-15	0411326-3	Machine Assembly - Control tee	2
-16	F-620	Bushing - Oilite	1
-17	B-610	Bearing - (Torrington)	4
-18	AN200KP4	Bearing - (Fafnir)	2
-19	0413016-1	Wheel Assembly - Control (serial 20267 thru 25372)	1
-20	0413016-4	Wheel Assembly - Control (serial 25373 thru 26504)	2
-21	0413016-6	Wheel Assembly - Control (serial 26505 thru 26995)	2
-22	0413016-2	Wheel - Control (serial 20267 thru 25372)	2
-23	0413016-3	Wheel - Control (serial 25373 thru 26504)	1
-24	0413016-5	Wheel - Control (serial 26505 thru 26995)	1
-25	0413213-1	Tube - Control	1
-26	0413216-1	Rivet - (Attach wheel at tube)	1
-27	0413216	Rivet - (Attach wheel at tube)	1

ILLUSTRATED PARTS CATALOG

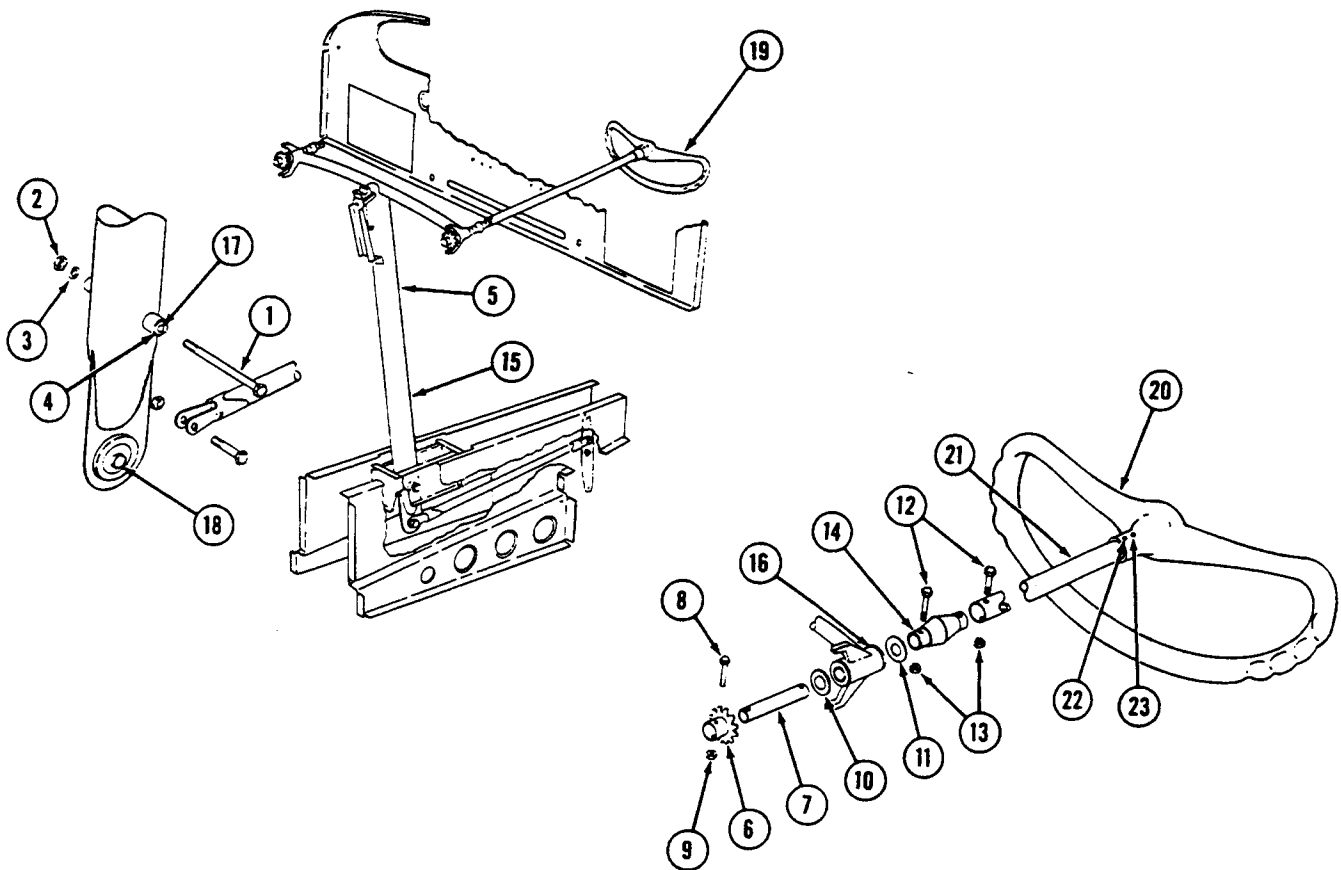


FIGURE 61A. CONTROL TEE INSTALLATION (SERIAL 26996 AND ON)

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
61A-	N0 Number	Tee Installation - Control (see figure 1 for NHA) (serial 26996 & on)	Ref
-1	AN4-31A	Bolt - (Control tee lower)	1
-2	AN365-428	Nut - (Control tee lower)	1
-3	AN960-416L	Washer - (Control tee lower)	1
-4	S-18-30	Bushing - (Control tee lower)	1
-5	0411221-3	Tee Assembly - Control	1
-6	0411047	Sprocket - Aileron chain	2
-7	0411255	Shaft - Control tee	2
-8	AN3-11A	Bolt - (Attach sprocket)	2
-9	AN365-1032	Nut - (Attach sprocket)	2
-10	AN960-816	Washer	2
-11	AN960-A816L	Washer	AR
-12	AN3-10A	Bolt - (Attach universal joint)	3
-13	AN365-1032	Nut - (Attach universal joint)	3
-14	0411257	Joint - Universal	2
-15	0411326-3	Machine Assembly - Control tee	1
-16	F-620	Bushing - Oilite	4
-17	B-610	Bearing - Torrington	2
-18	AN200-KP4	Bearing - Fafnir	1
-19	0513127	Wheel Assembly - Control	1
-20	0513127-2	Wheel - Control	1
-21	0413213-1	Tube - Control	1
-22	0413216-1	Rivet - (Attach wheel to tube)	1
-23	0413216	Rivet - (Attach wheel to tube)	1

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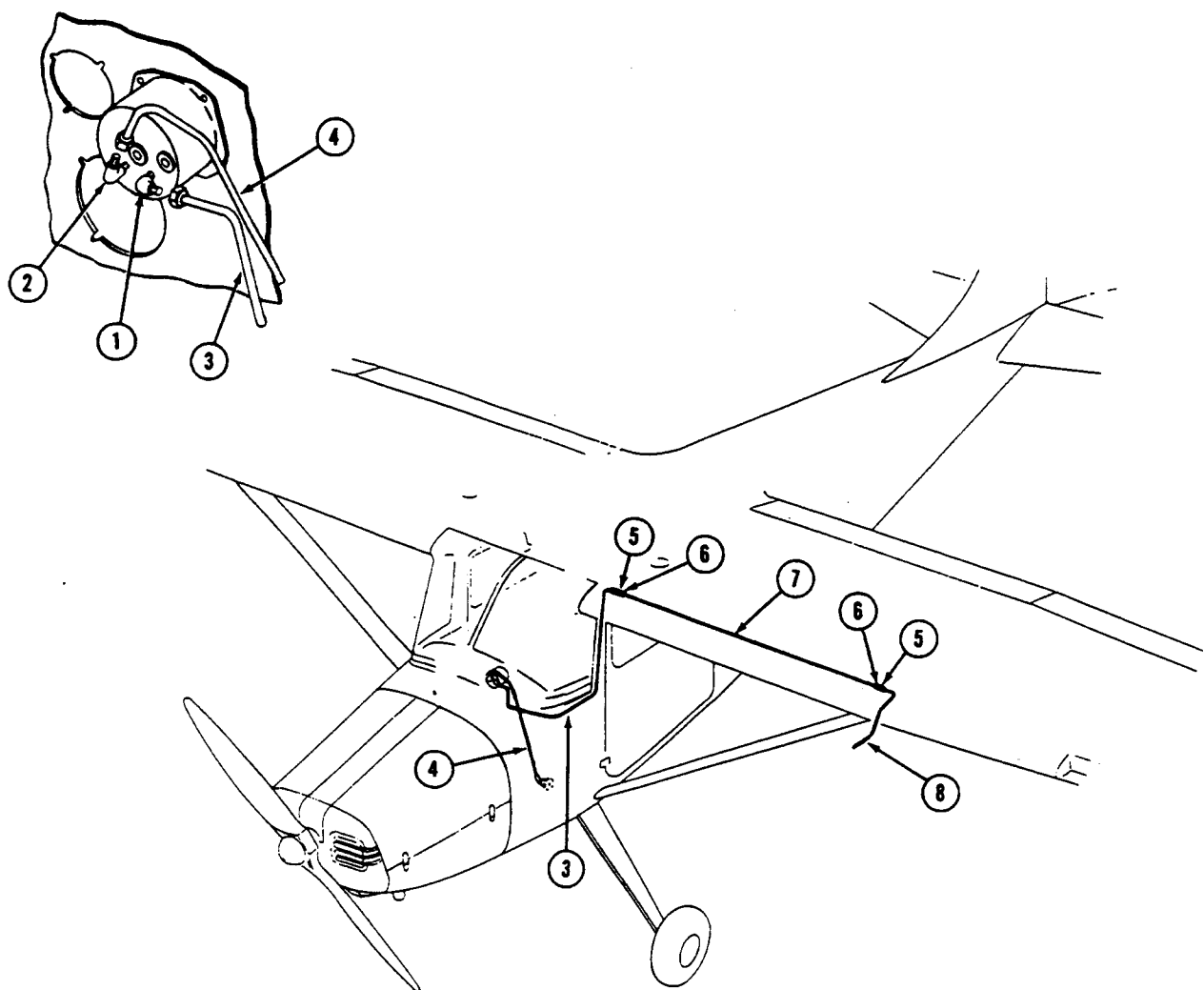


FIGURE 62. PITOT SYSTEM

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
62-	No Number	System Installation - Pitot (0500205 Ref.) (see figure 1 for NHA)	Ref
-1	AN823-4D	Elbow - (Pitot line to airspeed)	1
-2	AN822-4D	Elbow - (Static line to airspeed) (serial 20267 thru 25372)	1
	AN823-4D	Elbow - (Static line to airspeed) (serial 25373 & on)	1
-3	0500106-47	Line - Pitot (serial 20267 thru 25372)	1
	0500106-125	Line - Pitot (serial 25373 & on)	1
-4	0500106-48	Line - Pitot static (serial 20267 thru 25372)	1
	0500106-120	Line - Pitot static (serial 25373 & on)	1
-5	S-51-4-12	Hose - Pitot line	2
-6	NAS397-10	Clamp -(Tinnerman A3122-10-59)	2
-7	0500106-54	Line - Pitot (wing root to pitot tube)(see figure 3)	Ref
-8	0500106-53	Tube - Pitot (see figure 3)	Ref

ILLUSTRATED PARTS CATALOG

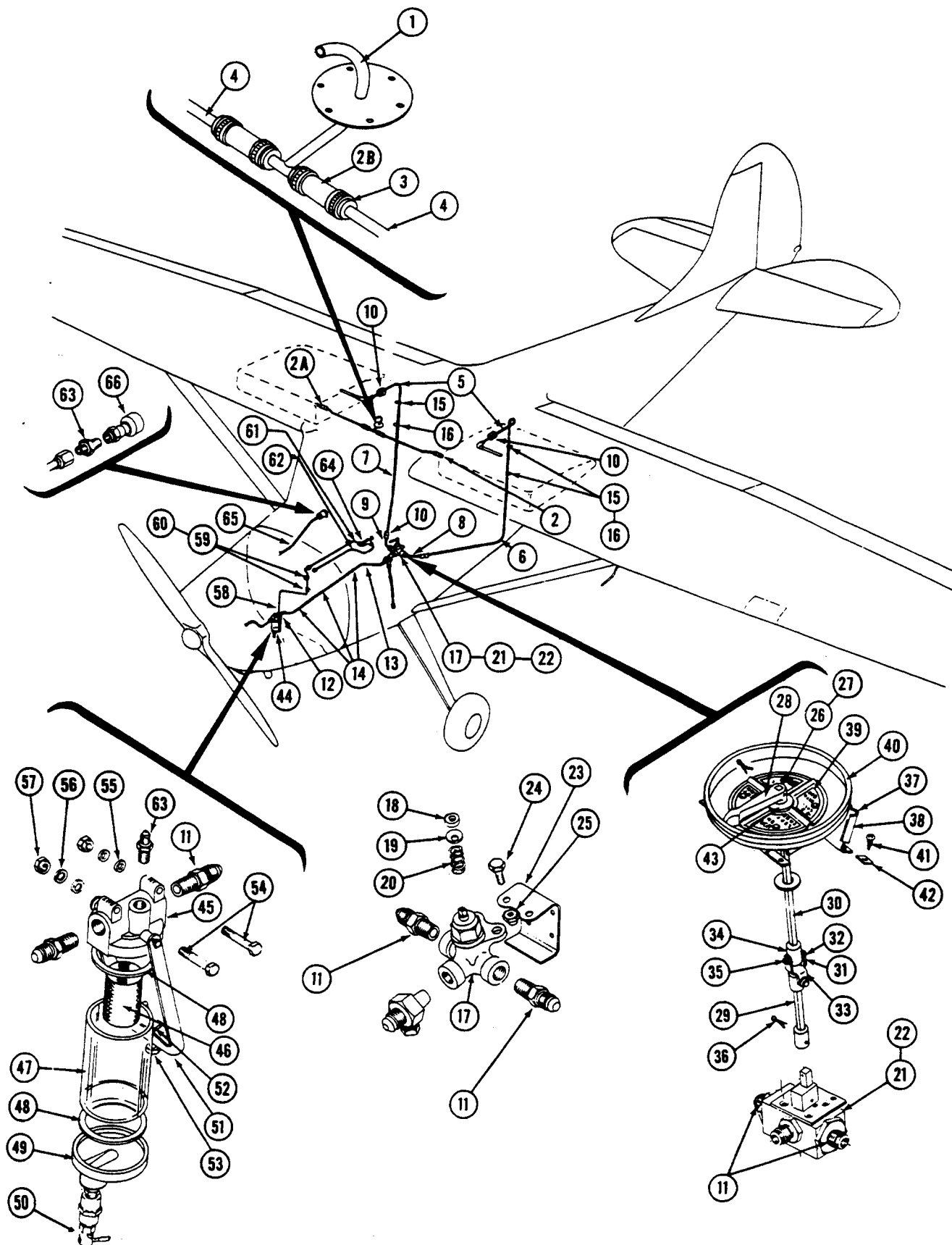


FIGURE 63. FUEL AND OIL SYSTEM

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
63-	No Number	System Installation - Fuel & oil (0500205 Ref.) (see figure 1 for NHA)	Ref
-1	0511118	Vent - Fuel tank (see figure 18)	Ref
-2	S-51-6-12	Hose - (Vent line to tank left)	1
-2A	S-51-6-8	Hose - (Vent line to tank right)	1
-2B	S-51-6-9	Hose - (Vent to vent line)	2
-3	NAS397-12	Clamp - (Tinnerman #A3122A-12-59)	8
-4	0500106-68	Line - Fuel vent	2
-5	0500106-83	Line - Fuel (fuel tank to adapter)	2
-6	0500106-82	Line - Fuel (left fuel tank to selector valve)	1
-7	0500106-81	Line - Fuel (right fuel tank to selector valve)	1
-8	0500106-62	Line - Fuel (left fuel tank to selector valve)	1
-9	0500106-63	Line - Fuel (right fuel tank to selector valve)	1
-10	AN815-6D	Union - (Connect fuel lines)	5
-11	AN816-6D	Nipple - (Fuel selector valve & strainer)	4
-12	0500106-60	Line - (Fuel selector valve to strainer) (forward)	1
-13	0500106-89	Line - (Fuel selector valve to strainer) (aft)	1
-14	AN931-6-16	Grommet	3
-15	NAS434D6	Clamp - Tinnerman (#A2981A-6)	4
-16	PK76XZ-8-8	Screw - (Attach clamp)	4
-17	0413020-3	Valve Assembly - Fuel tank selector (serial 20267 thru 20285)	1
-18	0413020-4	Packing	1
-19	0413020-5	Spring - Top	1
-20	0413020-6	Spring	1
-21	Deleted		
-22	0513120-5	Valve Assembly - Fuel tank selector (See figure 64 for breakdown).	1
-23	0511192	Bracket - (Mount fuel selector valve)	1
-24	AN3-4A	Bolt - (Attach bracket)	2
-25	AN365-1032	Nut - (Attach bracket)	2
-26	0511157-7	Handle Assembly - Fuel selector valve (serial 20267 thru 20285)	1
-27	0511157-13 *	Handle Assembly - Fuel selector valve (serial 20286 & on)	1
-28	0513107	Handle - Fuel selector valve	1
	0511157-8	Shaft Assembly - Fuel selector valve (serial 20267 thru 20285)	1
	0511157-14 *	Shaft Assembly - Fuel selector valve (serial 20286 & on)	1
-29	0511157-4	Shaft - (Serial 20267 thru 20285)	1
	0511157-11 *	Shaft - (Serial 20286 & on)	1
-30	0511157-6	Shaft - (Serial 20267 thru 25741)	1
	0511157-12	Shaft - (Serial 25742 & on)	1
-31	0511194-3	Pivot - (Serial 20267 thru 25741)	1
-32	0511194-4	Pivot	2
-33	0511127	Spacer	1
-34	AN960-6	Washer	4
-35	0425134	Pin	2
-36	AN380-2-4	Cotter Pin	1
-37	0511191	Bracket Assembly - Fuel valve selector	1
-38	0511190	Bracket	1
-39	0511167	Plate - Etched	1
-40	0511198	Cup	1
-41	PK76XZ-8-6	Screw - (Attach bracket)	2
-42	NAS395-18-3	Nut - (Tinnerman #1787-8Z-3) (attach bracket)	4
-43	0511195	Guide - Fuel selector valve shaft	2
-44	0511199-19	Strainer Assembly - Fuel (Koehler #K2250B)	1
-45	0511199-2	Body Assembly - Fuel strainer (Koehler #2253A)	1
-46	0511199-4	Screen - (Koehler #2205A)	1
-47	0511199-5	Glass Bowl - (Koehler #2255A)	1
-48	0511199-6	Gasket - (Koehler #2215A)	2
-49	0511199-7	Cap - (Koehler #2251A)	1
-50	0511199-20	Valve - Drain (Curtis CCA-7450)	1
	AN910-1D	Coupling - Drain valve	1
	AN911-1D	Nipple - Drain valve	1
-51	0511199-3	Arm Assembly - (Koehler #2252B)	1
-52	0511199-16	Nut - (Koehler #2219A)	1
-53	0511199-11	Screw - Hex head (Koehler 1/4-28 x 3/4)	1
-54	AN4-14A	Bolt - (Attach fuel strainer)	2
-55	NAS43-4-6	Spacer	2
-56	AN960-416L	Washer	2
-57	AN365-428	Nut - (Attach fuel strainer)	2
-58	0500106-59	Line - Primer (strainer to firewall)	1
-59	AN742D2	Clamp - (Tinnerman #A2989A-2)	2
-60	PK76XZ-8-6	Screw - (Attach clamp)	2
-61	0500106-79	Line - Primer (firewall to primer right) (serial 20267 thru 25741)	1
	0500106-121	Line - Primer (firewall to primer right) (serial 25742 & on)	1

NOTE: * When ordering any of these items for airplanes serial 20286 thru 25741, Part No. 0513124-2 (item, 1 figure 64) must also be ordered.

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
63-62	0500106-80	. Line - Primer (firewall to primer left) (serial 20267 thru 25741)	1
	0500106-122	. Line - Primer (firewall to primer left) (serial 25742 & on)	1
-63	AN816-2D	. Nipple	3
-64	0413215	. Primer Assembly - Engine (see figure 37 for NHA)	Ref
	0413215-1	. Primer Assembly - Engine (see figure 42 for NHA)	Ref
	0311538-8	. Primer Assembly - Engine (see figures 42A & 42B for NHA)	Ref
-65	0500106-20	. Line - Oil pressure (firewall to oil pressure gage)	1
-66	AN910-1D	. Coupling	1
	0513022-1	. Decal - Drain valve	1

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ILLUSTRATED PARTS CATALOG

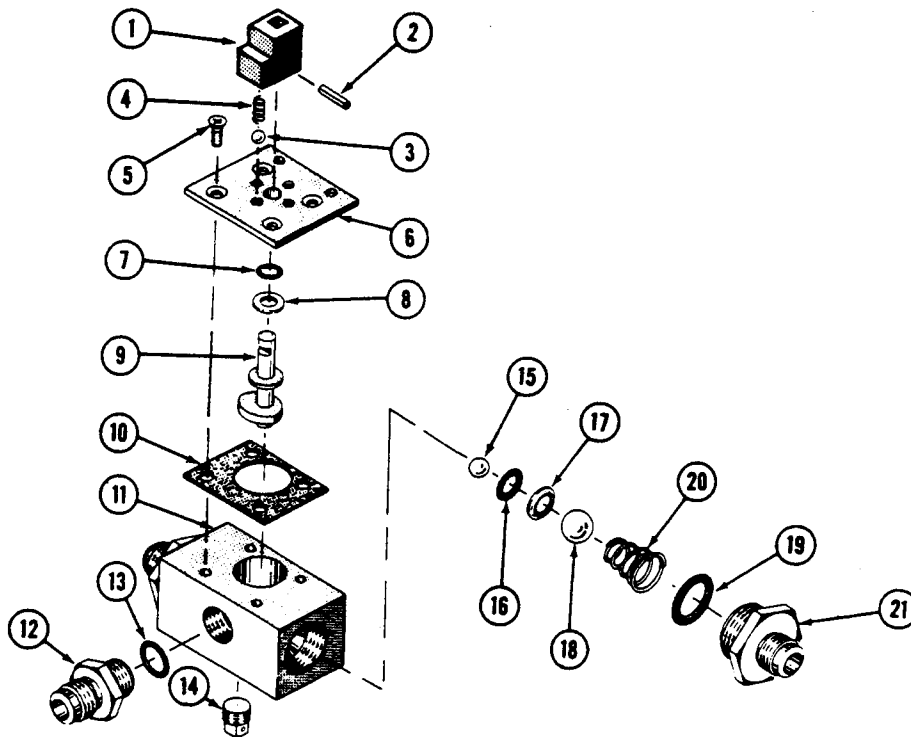


FIGURE 64. FUEL SELECTOR VALVE ASSEMBLY

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
64-	Deleted		
-1	0513120-5 *	Valve Assembly - Fuel tank selector (see figure 63 for NHA)	Ref
-2	Deleted		
-3	0513124-2	Housing - Positioning ball & spring	1
-4	52-028-125-0500	Rollpin - Esna (Elastic Stop Nut Corp)	1
-5	S-272-207	Ball - Fuel valve	1
-6	0513120-1	Spring - Fuel valve	1
-7	AN507-632-6	Screw - (Attach cover)	1
-8	0513122	Cover - Fuel valve	4
-9	AF934-5	O-Ring	1
-10	AN960C416L	Washer	1
-11	0513123	Cam - Fuel valve	1
-12	0513125	Gasket - Fuel valve cover	1
-13	0513121	Body - Fuel valve	1
-14	0513126	Nipple - Fuel valve	1
-15	AF934-9	O-Ring - Fuel valve	1
-16	AN913-1D	Plug - Fuel valve	1
-17	S-272-209	Ball - Fuel valve	1
-18	AF934-7	O-Ring - Fuel valve	2
-19	0513120-4	Retainer - Fuel valve	2
-20	S-272-215	Ball - Fuel valve	2
-21	AF934-14	O-Ring - Fuel valve	2
	0513120-2	Spring - Fuel valve	2
	0513120-3	Nipple - Spring retainer	2

NOTE: When ordering 0513120-5 for serials 20267 thru 25741, check that shaft assembly 0511157-14 (item 28, figure 63) is in airplane, if not this part must also be ordered.

ILLUSTRATED PARTS CATALOG

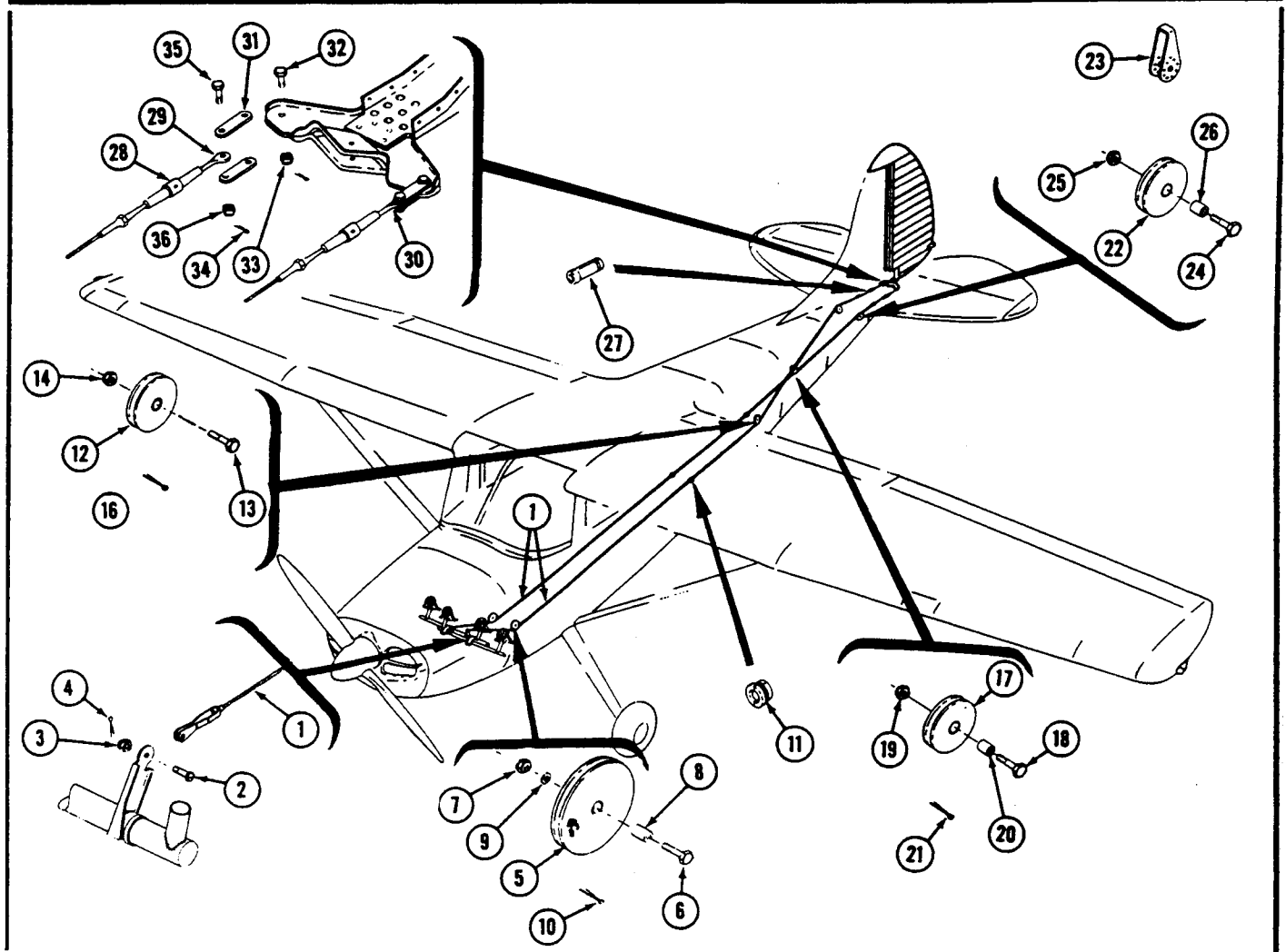


FIGURE 65. RUDDER CONTROL SYSTEM

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
65-	No Number	System Installation - Rudder control (0510102 Ref.) (see figure 1 for NHA)	Ref
-1	0510105-1	Cable - Rudder control	2
-2	AN23-10	Bolt - (Attach cable to rudder bar)	2
-3	AN310-3	Nut - (Attach cable to rudder bar)	2
-4	AN380-2-3	Pin - Cotter (attach cable to rudder bar)	2
-5	A-114	Pulley - Rudder (outboard)	2
	AN380-4-5	Pin - Cotter (cable guard)	2
-6	AN4-14A	Bolt - (Attach pulleys) (see figure 66)	Ref
-7	AN365-428	Nut - (Attach pulleys) (see figure 66)	Ref
-8	0411489	Bushing - (Attach pulleys) (see figure 66)	Ref
-9	AN960-416L	Washer - (Attach pulleys) (see figure 66)	Ref
-10	AN380-4-5	Pin - Cotter (cable guard)	1
-11	0412006	Fairlead - Rudder cable	3
-12	BB-208	Pulley - Rudder cable (Sta. 140.0)	1
-13	AN4-10A	Bolt - (Attach pulley)	1
-14	AN365-428	Nut - (Attach pulley)	1
-15	Deleted		
-16	AN380-2-4	Pin - Cotter (cable guard)	1
-17	BB-208	Pulley - Rudder cable (Sta. 172.0)	1
-18	AN4-10A	Bolt - (Attach pulley)	1
-19	AN365-428	Nut - (Attach pulley)	1
-20	Deleted		
-21	AN380-2-4	Pin - (Cotter) (cable guard)	1

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
65-22	NAS383-3	Pulley - Rudder pulley (rear)	2
-23	0411421-2	Guard - Rudder pulley	1
-24	AN4-10A	Bolt - (Attach pulley)	1
-25	AN365-428	Nut - (Attach pulley)	2
-26	NAS382-2	Bushing - (Attach pulley)	2
-27	#6	Fairlead - (Formica)	2
-28	AN155-32S	Barrel	2
-29	AN165-22S	Eye	2
-30	AN165-22L	Eye	1
-31	0310219-2	Link - (Attach turnbuckle to rudder bellcrank)	1
-32	AN23-9	Bolt - (Attach link to bellcrank)	4
-33	AN310-3	Nut - (Attach link to bellcrank)	2
-34	AN380-2-3	Pin - Cotter	2
-35	AN23-11	Bolt - (Attach link to turnbuckle)	4
-36	AN310-3	Nut - (Attach link to turnbuckle)	2

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

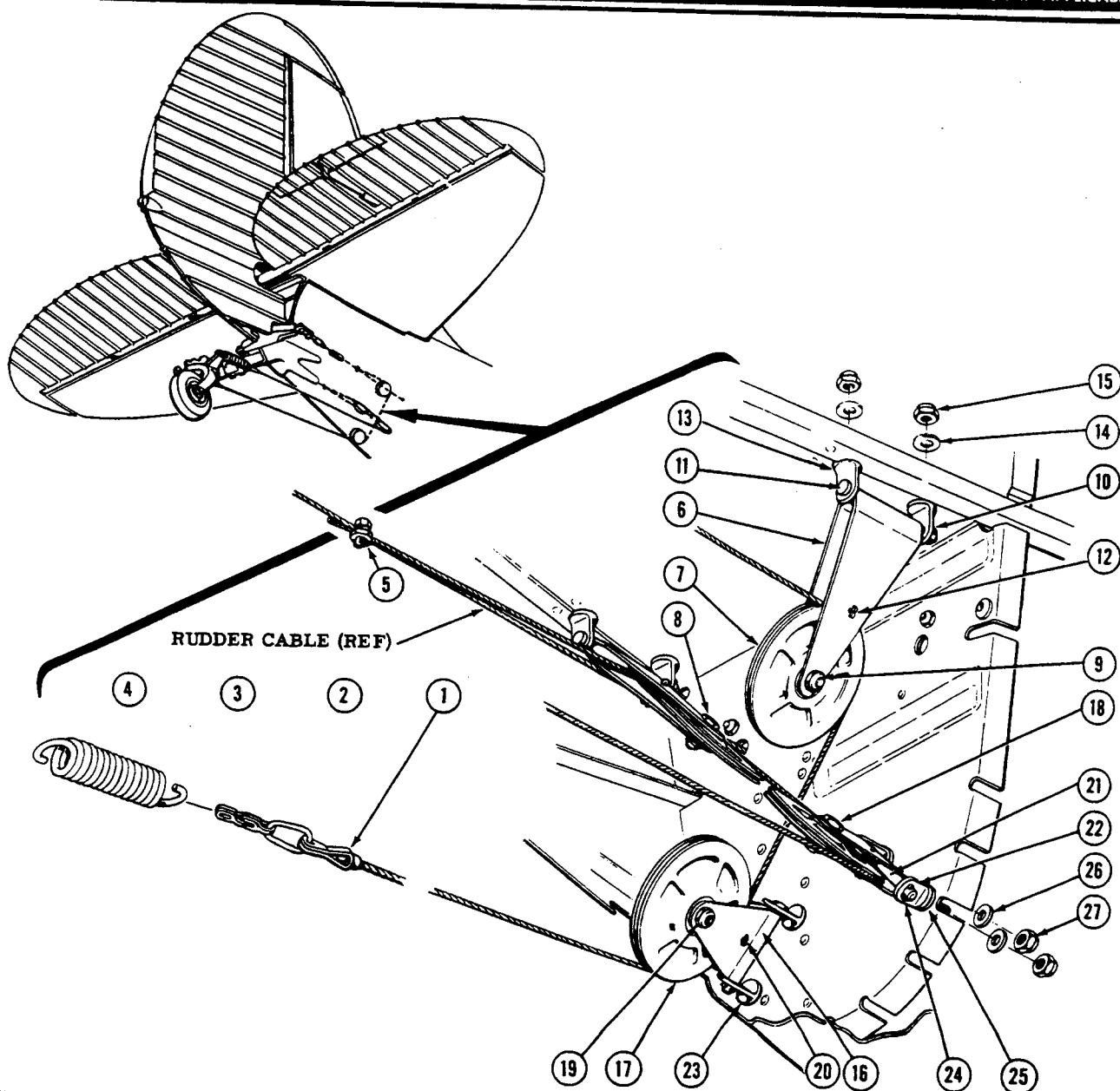


FIGURE 65A. TAILWHEEL STEERING CONTROL SYSTEM (SERIAL 26505 & ON)

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
65A-	No Number	System Installation - Tailwheel Steering Control (0510102 Ref.)(see figure 1 for NHA) (serial 26505 & on)	Ref
-1	0510105-38	. Cable Assembly - Tailwheel steering control	2
-2	0442008	. Spring Assembly - (Connect spring to clip)	2
-3	Deleted		
-4	Deleted		
-5	8-H	. Connector - (Connect tailwheel control cable to rudder control cable)	2
-6	0512161-1	. Bracket - Tailwheel steering control upper pulley	2
-7	AN210-4A	. Pulley - Tailwheel steering control upper	2
-8	AN4-7A	. Bolt - (Attach pulley to upper bracket)	2
-9	AN365-428	. Nut - Self-locking (attach pulley to upper bracket)	2
-10	AN380-2-4	. Pin - Cotter	2
-11	AN394-93	. Pin - (Connect upper brackets to eyebolts)	2
-12	AN380-2-1	. Pin - Cotter	2
-13	AN44-4A	. Eyebolt - (Attach upper bracket to bulkhead)	4
-14	AN960-516	. Washer - (Attach upper bracket to bulkhead)	4
-15	AN365-524	. Nut - Self-locking (attach upper bracket to bulkhead)	4
-16	0512161	. Bracket - Tailwheel steering control lower pulley	2
-17	AN210-4A	. Pulley - Tailwheel steering control lower	2
-18	AN4-7A	. Bolt - (Attach pulley to lower bracket)	2
-19	AN365-428	. Nut - Self-locking (attach pulley to lower bracket)	2
-20	AN380-2-4	. Pin - Cotter	2
-21	AN394-81	. Pin - (Connect lower brackets to bulkhead)	2
-22	AN380-2-1	. Pin - Cotter	2
-23	AN44-4A	. Eyebolt - (Attach lower LH bracket to bulkhead)	2
-24	AN44-6A	. Eyebolt - (Attach lower RH bracket to bulkhead)	2
-25	NAS42-10-16	. Spacer - (Install between lower RH eyebolts and bulkhead)	2
-26	AN960-516	. Washer - (Attach lower brackets to bulkhead)	4
-27	AN365-524	. Nut - Self-locking (attach lower brackets to bulkhead)	4

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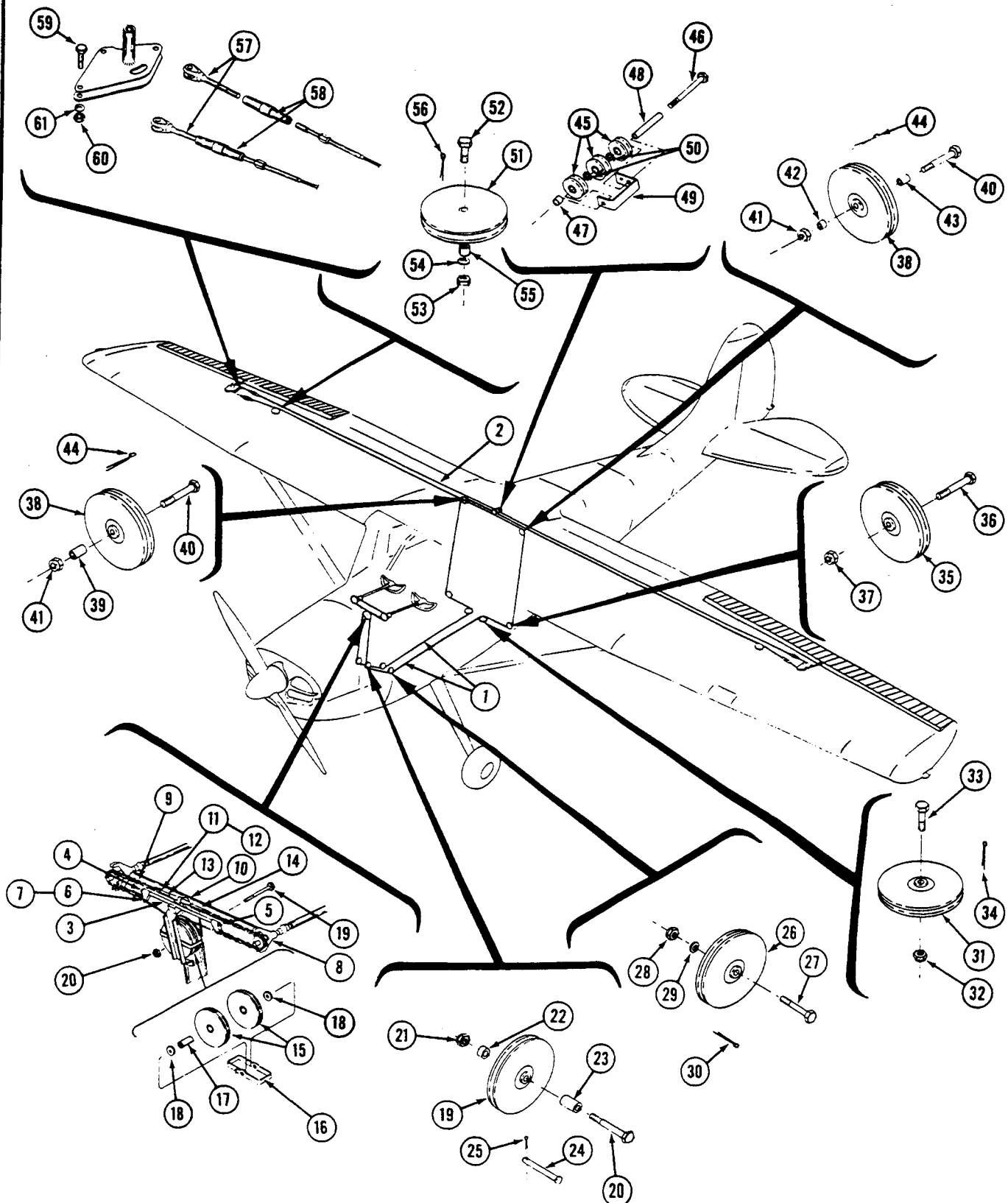


FIGURE 66. AILERON CONTROL SYSTEM

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
66-	No Number	System Installation - Aileron control (0510102 Ref.) (see figure 1 for NHA)	Ref
-1	0510105-16	Cable - Aileron control(control tee to bellcrank)	2
-2	0510105-13	Cable - Aileron carry thru	1
-3	0411880	Bar Assembly - Aileron carry thru	1
-4	0411881	Tube Assembly - Aileron carry thru	1
-5	AN365-428	Nut	2
-6	AN392-17	Pin - Clevis	2
-7	AN380-2-1	Pin - Cotter	1
-8	0411051	Chain Assembly	2
-9	0411051-4	Chain	1
-10	AN155-32S	Barrel - Turnbuckle	2
-11	AN392-17	Pin - Flathead	2
-12	AN380-2-1	Pin - Cotter	1
-13	NAS288-35LH	Terminal	1
-14	NAS288-35RH	Terminal	2
-15	NAS383-4	Pulley - Aileron forward	1
-16	0411232	Pulley Guard	1
-17	0411521	Bushing - Aileron control pulley	2
-18	AN960-416	Washer - Aileron control pulley	2
-19	AN210-4B	Pulley - Aileron forward lower	2
-20	AN4-21A	Bolt - (Attach pulley)	2
-21	AN365-428	Nut - (Attach pulley)	2
-22	0510136	Spacer - Aileron pulley	2
-23	0510137	Spacer - Aileron pulley	2
-24	AN392-57	Pin - Flathead (cable guard)	2
-25	AN380-2-1	Pin - Cotter	2
-26	AN210-4B	Pulley - (Type "B")	2
-27	AN4-14A	Bolt - (Attach pulley)	2
-28	AN365-428	Nut - (Attach pulley)	4
-29	AN960-416L	Washer	2
-30	AN380-4-5	Pin - Cotter (cable guard)	2
-31	AN210-4B	Pulley - (Type "B")	2
-32	AN365-428	Nut	2
-33	AN4-10A	Bolt	4
-34	AN380-2-4	Pin - Cotter (cable guard)	2
-35	AN210-4B	Pulley - (Type "B")	2
-36	AN4-21A	Bolt - (Attach pulley)	2
-37	AN365-428	Nut - (Attach pulley)	2
-38	AN210-4B	Pulley	1
-39	NAS43-4-42	Spacer - (Right side only)	2
-40	AN-15A	Bolt	2
-41	AN365-428C	Nut	1
-42	NAS43-4-16	Spacer - (Left side only)	1
-43	NAS43-4-28	Spacer - (Left side only)	4
-44	AN380-2-6	Pin - Cotter	3
-45	F-140	Pulley	1
-46	AN3-21A	Bolt	1
-47	NAS43-4-16	Spacer	1
-48	0512138	Bushing	1
-49	0512136	Guard	2
-50	AN960-416	Washer	Ref
-51	NAS383-3	Pulley - (One req'd each wing) (see figure 2 & 7)	Ref
-52	AN4-10A	Bolt - (One req'd each wing) (see figure 2 & 7)	Ref
-53	AN365-428	Nut - (One req'd each wing) (see figure 2 & 7)	Ref
-54	AN960-10L	Washer - (One req'd each wing) (see figure 2 & 7)	Ref
-55	NAS382-2	Bushing (One req'd each wing) (see figure 2 & 7)	Ref
-56	AN380-2-3	Pin - Cotter	1
-57	AN161-32LL	Fork	3
-58	AN155-32L	Barrel - Turnbuckle	3
-59	AN3-10A	Bolt - (Attach fork)	4
-60	AN365-1032	Nut - (Attach fork)	4
-61	AN960-10L	Washer	4

ILLUSTRATED PARTS CATALOG

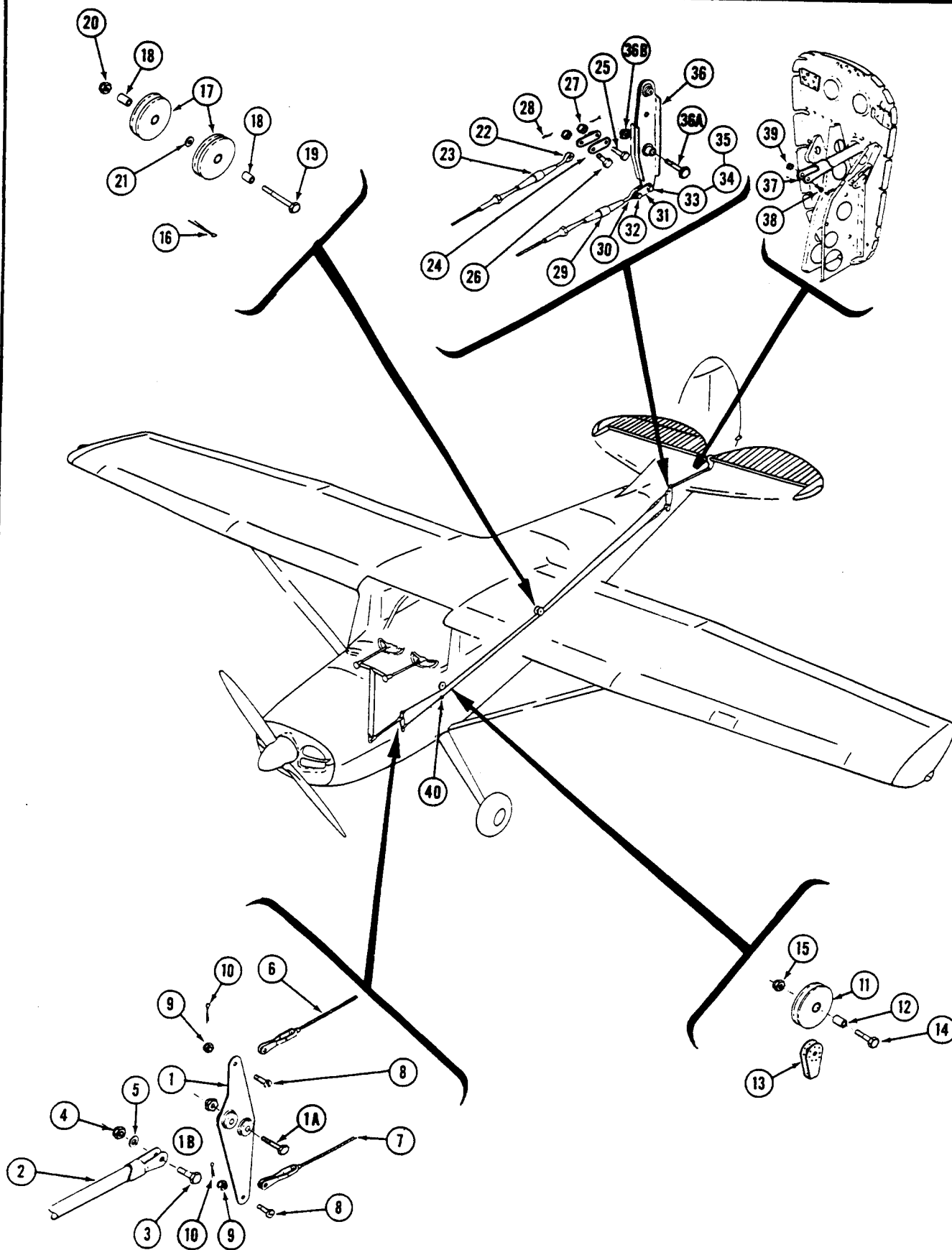
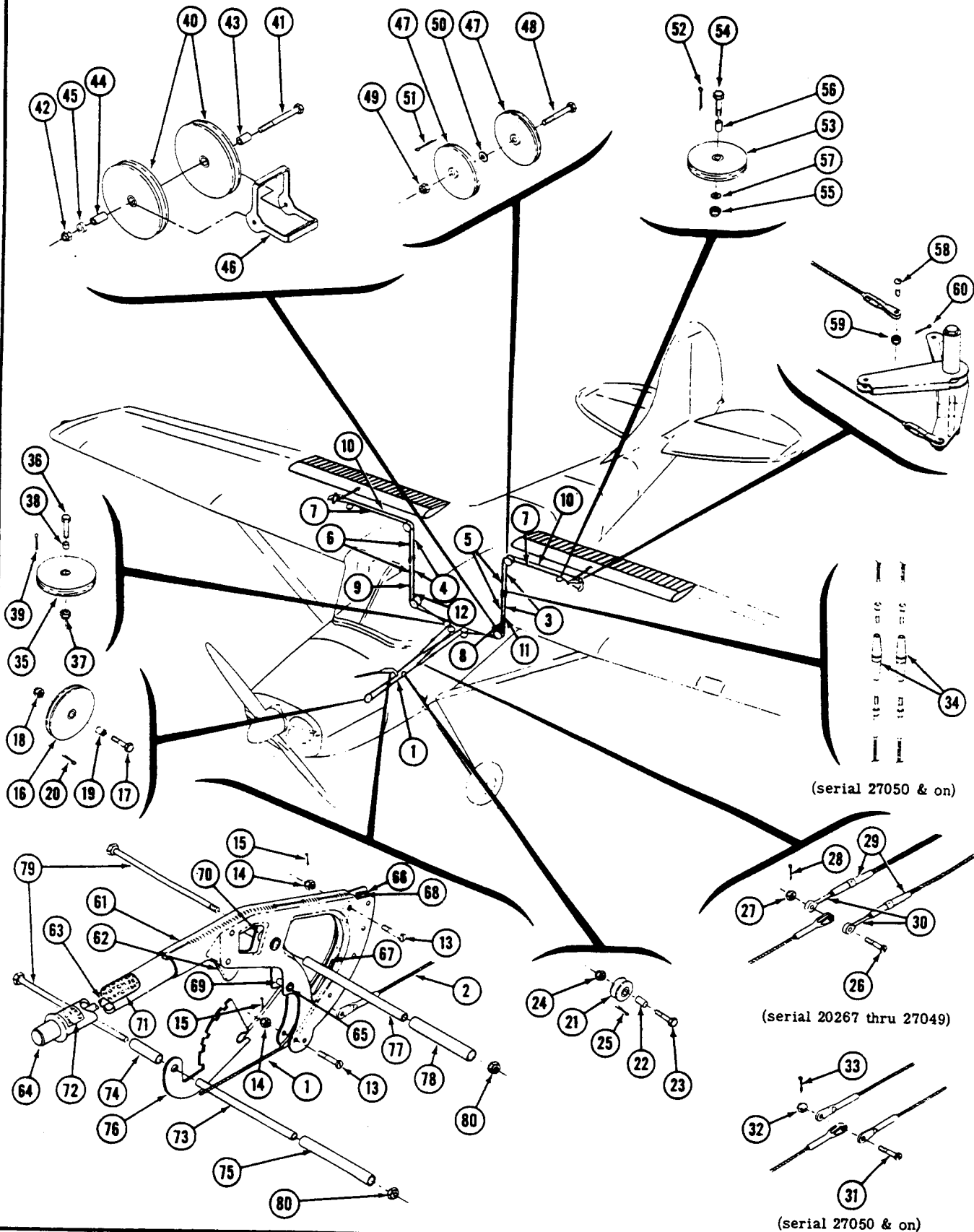


FIGURE 67. ELEVATOR CONTROL SYSTEM

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
67-	No Number	System Installation - Elevator control (0510102 ref) (see figure 1 for NHA)	Ref
-1	0510159	Bellcrank - Elevator forward	1
-1A	AN4-10A	Bolt - (Attach bellcrank)	1
-1B	AN365-428	Nut - (Attach bellcrank)	1
-2	0510161	Tube - (Attach bellcrank and control tee)	1
-3	AN4-10A	Bolt - (Attach tube to bellcrank)	1
-4	AN365-428	Nut - (Attach tube to bellcrank)	1
-5	AN960-416	Washer - (Attach tube to bellcrank)	1
-6	0510105-15	Cable - Elevator control upper	1
-7	0510105-4	Cable - Elevator control lower	1
-8	AN23-10	Bolt - (Attach cable to bellcrank)	2
-9	AN310-3	Nut - (Attach cable to bellcrank)	2
-10	AN380-2-3	Pin - Cotter (attach cable to bellcrank)	2
-11	NAS383-3	Pulley	1
-12	NAS382-2	Bushing	1
-13	0411421-2	Guard	1
-14	AN4-10A	Bolt	1
-15	AN365-428	Nut	1
-16	AN380-2-6	Pin - Cotter (cable guard)	1
-17	BB-208	Pulley - Elevator control (Sta. 108.00)	2
-18	Deleted		
-19	AN4-14A	Bolt - (Attach pulleys)	1
-20	AN355-428	Nut - (Attach pulleys)	1
-21	AN960-416	Washer - (Between pulleys)	1
-22	AN165-22S	Eye - (Attach cable to link) upper cable	1
-23	AN155-32S	Barrel - Turnbuckle	1
-24	0510160	Link - (Attach turnbuckle to bellcrank) (upper)	2
-25	AN23-10	Bolt - (Attach link at bellcrank) (upper)	1
-26	AN23-11	Bolt - (Attach link to eye)	1
-27	AN310-3	Nut - (Attach link)	2
-28	AN380-2-3	Pin - Cotter	2
-29	AN155-32S	Barrel - Turnbuckle	1
-30	AN165-22S	Eye - (Lower) (attach cable to bellcrank)	1
-31	0310421-2	Link - (Lower) (attach eye to link)	2
-32	AN23-11	Bolt - (Lower) (attach link to eye)	1
-33	AN23-10	Bolt - (Lower) (attach link at bellcrank)	1
-34	AN310-3	Nut - (Attach link)	2
-35	AN380-2-3	Pin - Cotter	2
-36	0510108	Bellcrank - Elevator rear	1
-36A	AN4-11A	Bolt - (Attach bellcrank)	1
-36B	AN365-428	Nut - (Attach bellcrank)	1
-37	0510111-5	Tube - (Bellcrank to elevator pylon)	1
-38	AN4-10A	Bolt - (Attach tube to bellcrank and pylon)	2
-39	AN365-428	Nut - (Attach tube to bellcrank and pylon)	2
-40	0412006	Fairlead	1
	0410108-2	Clip - (Attach fairlead)	1

ILLUSTRATED PARTS CATALOG



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FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASSY
68-	No Number	System Installation - Flap control (0510102 Ref) (see figure 1 for NHA)	Ref
-1	0510105-21	Cable - Flap return forward	1
-2	0510105-22	Cable - Flap direct forward	1
-3	0510105-19	Cable - Flap return LH (serial 20267 thru 27049)	1
-4	0510105-20	Cable - Flap return RH (serial 20267 thru 27049)	1
-5	0510105-17	Cable - Flap direct LH (serial 20267 thru 27049)	1
-6	0510105-18	Cable - Flap direct RH (serial 20267 thru 27049)	1
-7	0510105-59	Cable - Flap direct outboard (serial 27050 & on)	2
-8	0510105-61	Cable - Flap direct LH inboard (serial 27050 & on)	1
-9	0510105-62	Cable - Flap direct RH inboard (serial 27050 & on)	1
-10	0510105-60	Cable - Flap return outboard	2
-11	0510105-63	Cable - Flap return LH inboard	1
-12	0510105-64	Cable - Flap return RH inboard	1
-13	AN23-16	Bolt - (Attach cable to flap lever)	2
-14	AN310-3	Nut - (Attach cable to flap lever)	2
-15	AN380-2-3	Pin - Cotter (attach cable to flap lever)	2
-16	NAS383-2	Pulley - Flap return forward	1
-17	AN3-6A	Bolt - (Attach pulley)	1
-18	AN365-1032	Nut - (Attach pulley)	1
-19	NAS382-1	Bushing - (Attach pulley)	1
-20	AN380-2-3	Pin - Cotter (cable guard)	2
-21	F-140	Pulley	1
-22	0411783	Bushing	1
-23	AN3-6A	Bolt - (Attach pulley)	1
-24	AN365-1032	Nut - (Attach pulley)	1
-25	AN380-2-3	Pin - Cotter (attach pulley)	1
-26	AN23-12	Bolt - (Connect cables) (serial 20267 thru 27049)	2
-27	AN310-3	Nut - (Connect cables) (serial 20267 thru 27049)	2
-28	AN380-2-3	Pin - Cotter (connect cables) (serial 20267 thru 27049)	2
-29	AN155-16S	Barrel - Turnbuckle (serial 20267 thru 27049)	4
-30	AN163-16L	Eye - (Turnbuckle to cable)	4
-31	AN23-12	Bolt - (Connect cables) (serial 27050 & on)	2
-32	AN310-3	Nut - (Connect cables) (serial 27050 & on)	2
-33	AN380-2-3	Pin - Cotter (connect cables) (serial 27050 & on)	2
-34	AN155-16S	Barrel - Turnbuckle (serial 27050 & on)	4
-35	NAS383-2	Pulley - Flap cable	4
-36	AN3-6A	Bolt - (Attach pulley)	4
-37	AN365-1032	Nut - (Attach pulley)	4
-38	NAS382-1	Bushing - (Attach pulley)	4
-39	AN380-2-2	Pin - Cotter (cable guard)	6
-40	NAS383-4	Pulley	4
-41	AN4-21A	Bolt - (Attach pulleys) (see figure 66)	Ref
-42	AN365-428	Nut - (Attach pulleys) (see figure 66)	Ref
-43	NAS382-2	Bushing - (Attach pulleys)	2
-44	0512140	Bushing - (Attach pulleys)	2
-45	NAS43-6-10	Spacer - (Attach pulleys)	2
-46	0512135	Guard	2
-47	AN210-2B	Pulley - Flap control	4
-48	AN3-10A	Bolt - (Attach pulley)	2
-49	AN365-1032	Nut - (Attach pulley)	2
-50	AN960-416	Washer - (Attach pulley)	2
-51	AN380-2-4	Pin - Cotter (cable guard)	2
-52	AN380-3-3	Pin - Cotter (cable guard)	2
-53	AN383-2	Pulley - Wing flap (see figure 2 & 7)	Ref
-54	AN3-7A	Bolt - (Attach pulley) (see figure 2 & 7)	Ref
-55	AN365-1032	Nut - (Attach pulley) (see figure 2 & 7)	Ref
-56	NAS382-1	Bushing - (Attach pulley) (see figure 2 & 7)	Ref
-57	AN960-10	Washer - (Attach pulley) (see figure 2 & 7)	Ref
-58	AN23-9	Bolt - (Attach cable to bellcrank)	4
-59	AN310-3	Nut - (Attach cable to bellcrank)	4
-60	AN380-2-3	Pin - Cotter	4
-61	0510166-2 *	Lever Assembly - Flap	1
-62	0510167	Latch Assembly - Flap lever	1
-63	0510169	Rod - Latch	1
-64	0510182	Button - Release	1
	0510177	Bushing - Latch	1
-65	AN960-4	Washer	2
	0510176	Spring - Latch return	1
-66	0510172-3	Cam - Flap lever	1
-67	0510172-4	Cam - Flap lever	2
-68	0510173	Spacer - Flap lever	2

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
68-69	NAS43HT-5-36	 Spacer - Flap lever	1
-70	NAS42DD-4-16	 Spacer - Flap lever	4
-71	0510186	 Placard - Flap lever (serial 20267 thru 26504)	1
	0510191	 Placard - Flap lever (serial 26050 & on)	1
-72	0510188	 Placard - Avoid slips	1
-73	0510184	 Bushing - Flap lever attachment	1
-74	0510181-1	 Spacer - Flap lever attachment	1
-75	0510181	 Spacer - Flap lever attachment	1
-76	0510171-1 **	 Ratchet - Flap lever	1
-77	0510178	 Bushing - Flap lever	1
-78	NAS43-7-237	 Spacer - Flap lever	1
-79	AN4-62A	 Bolt - (Attach flap lever)	2
-80	AN365-428	 Nut - (Attach flap lever)	2

* When this part is ordered for airplanes serial 20267 thru 26504, parts marked (**) double asterisk must also be ordered.

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ILLUSTRATED PARTS CATALOG

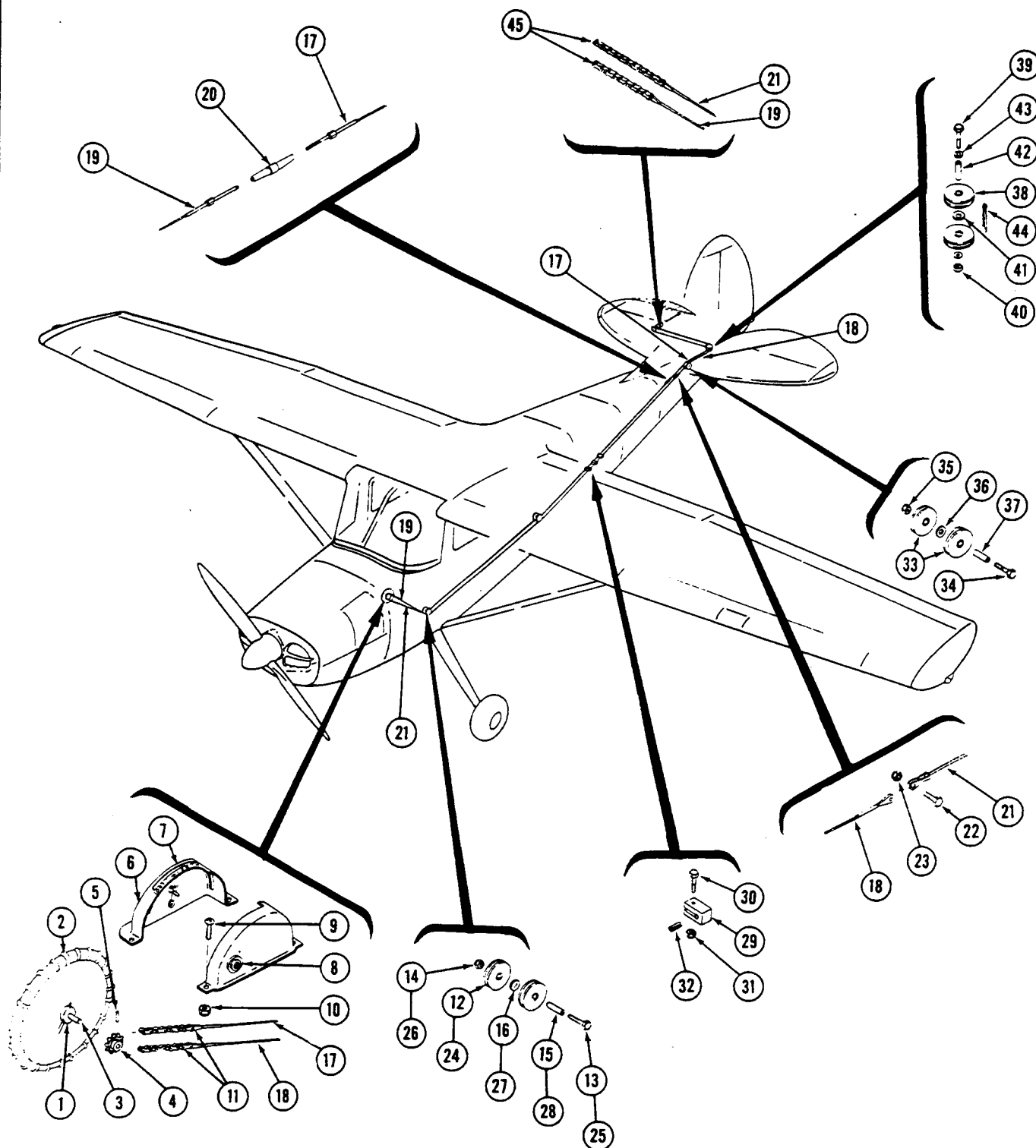


FIGURE 69. ELEVATOR TAB CONTROL SYSTEM

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
69-	No Number	System Installation - Elevator tab control (0510102 Ref.) (see figure 1 for NHA)	Ref
-1	0510127	Shaft Assembly - Tab control	1
-2	0510127-1	Wheel - Tab control	1
-3	0510127-2	Shaft - Tab control	1
-4	0432134-1	Sprocket - Tab control	1
-5	52-022-094-0500	Rollpin - (Attach sprocket)	2
-6	0411419	Cover - Tab control wheel	1
-7	0411422	Decal - Tab position indicator	1
-8	M-451	Bearing - Torrington	1
-9	AN526-10R7	Screw - (Attach cover)	4
-10	AN365-1032	Nut - (Attach cover)	4
-11	0432138-1	Chain - Tab control	1
-12	NAS383-1	Pulley - Tab control forward	2
-13	AN3-10A	Bolt - (Attach pulley)	1
-14	AN365-1032	Nut - (Attach pulley)	1
-15	0411491	Bushing - (Attach pulley)	1
-16	AN960-416L	Washer - (Between pulleys)	1
-17	0510105-9	Cable - Tab control (forward to turnbuckle)	1
-18	0510105-7	Cable - Tab control (forward to disconnect)	1
-19	0510105-8	Cable - Tab control (aft to turnbuckle)	1
-20	AN1558S	Barrel - connect cables	1
-21	0510105-10	Cable - Tab control (aft to disconnect)	1
-22	AN3-5A	Bolt - (Connect cables)	1
-23	AN365-1032	Nut - (Connect cables)	1
-24	NAS383-1	Pulley	2
-25	AN3-10A	Bolt - (Attach pulley)	1
-26	AN365-1032	Nut - (Attach pulley)	1
-27	AN960-416L	Washer - (Attach pulley)	1
-28	0411491	Bushing	1
-29	0411523	Block - Elevator tab stop	3
-30	AN3-6A	Bolt	3
-31	AN365-1032	Nut	3
-32	0411524	Bushing	3
-33	NAS383-1	Pulley	2
-34	AN3-10A	Bolt	1
-35	AN365-1032	Nut	1
-36	AN960-416L	Washer	1
-37	0411491	Bushing	1
-38	NAS383-1	Pulley - Tab control	2
-39	AN3-11A	Bolt - (Attach pulley)	1
-40	AN365-1032	Nut - (Attach pulley)	1
-41	AN960-416	Washer - (Attach pulley)	1
-42	0411491	Bushing - (Attach pulley)	1
-43	AN960-10	Washer	2
-44	AN380-4-5	Pin - Cotter (cable guard)	2
-45	0432138-1	Chain - (Pulley to tab actuator)	1

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
70-	No Number	Electrical Wiring Equipment Installation (0510000 & 0510001 Ref.) (see figure 1 for NHA)	Ref
-1	NAS437-2C	Harness Band - (United Carr 49165)	1
-2	NAS437-3C	Harness Band - (United Carr 49166)	2
-3	NAS437-1C	Harness Band - (United Carr 49164)	2
-4	NAS437-1C	Harness Band - (United Carr 49164)	2
-5	NAS435-D5	Clamp - (Tinnerman A3047A-5)	1
-6	NAS435D6	Clamp - (Tinnerman A3047A-6)	1
-7	NAS435D8	Clamp - (Tinnerman A3047A-8)	1
-8	NAS435D8	Clamp - (Tinnerman A3047A-8)	1
-9	NAS435D7	Clamp - (Tinnerman A3047A-7)	1
-10	AN742D2	Clamp - (Tinnerman A2980A-2)	4
-11	AN742D2	Clamp - (Tinnerman A2980A-2)	1
-12	AN742D8	Clamp - (Tinnerman A3046A-6)	2
-13	PK76XZ-8-6	Screw - (Attach clamp)	7
-14	PK76XZ-8-8	Screw - (Attach clamp)	4
-15	AN526-632R5	Screw - (Attach clamp)	1
-16	AN365-632	Nut - (Attach clamp)	1
-17	A3493-1	Clip - (Tinnerman A3493-1)	3
-18	A3493-1	Clip - (Tinnerman A3493-1)	4
-19	A3493-1	Clip - (Tinnerman A3493-1)	3
-20	T-118	Insulator - (Sta-Kon)	3
-21	AN931-6-10	Grommet	1
-22	AN931-3-5	Grommet	1
-23	0311033-1	Battery	1
-24	0412007-1	Strap - Battery ground	1
-25	AN4-5A	Bolt - (Attach ground strap)	1
-26	AN365-428	Nut - (Attach ground strap)	1
-27	AN970-4	Washer	1
-28	0411021-1	Contactor - Solenoid (when exhausted use 0712603-1)	1
-29	AN3-3A	Bolt - (Attach contactor)	4
-30	AN365-1032	Nut - (Attach contactor)	4
-31	0400005-2	Cable - Battery (serials 20267 thru 26038)	1
	0500005-154	Cable - Battery (serials 26694 thru 26754)	1
	0500005-125	Cable - Battery (serials 26039 thru 26693) (serials 26755 & on)	1
-32	AN935-516L	Washer	2
-33	0413205-1	Regulator - Voltage control (serial 20267 thru 20451)	1
	0413205-5	Regulator - Voltage control (serial 20452 & on)	1
-34	AN4-6A	Bolt - (Attach regulator)	3
	AN365-428	Nut - (Attach regulator)	3
-35	No Number	Speaker Installation - (See figure 70A for breakdown) (serials 20267 thru 26995)	1
-36	0413142	Light Assembly - Dome (serial 20267 thru 25372)	1
	0413142-4	Light Assembly - Dome (serial 25373 & on)	1
-37	0413140-3	Reflector Assembly - Dome light (serial 20267 thru 25372)	1
-38	0413140-2	Retainer - Headliner	1
-39	0413138	Socket - Dome light	1
-40	PK76XZ-4-5	Screw - (Attach socket)	2
-41	NAS395-1	Nut - (Tinnerman #A6187 -4Z-3)	4
-42	G. E. 1816	Bulb - Dome light	1
-43	AN931-3-5	Grommet	1
-44	0413142-2	Switch - Dome light (serial 20267 thru 25372)	1
-45	0413141	Lens - Dome light (serial 20267 thru 25372)	1
-46	0413139	Bezel - Dome light (serial 20267 thru 25372)	1
-47	PK76XZ-4-6	Screw - (Attach dome light)	2
-48	#18	Wire	1
-49	#9	Tube - Transflex	1
-49A	0413141	Lens - Dome light (serial 25373 & on)	1
-50	0710101-3	Shield Assembly - Instrument light (serial 25373 & on)	1
-51	0710101-1	Plate - Instrument light cover	1
	0713017	Light Assembly - Instrument	2
-52	0713017-9	Bulb - (Mazda) (67 3 C. P.)	1
-53	PK76XZ-6-8	Screw - (Attach light)	4
-54	NAS446-2	Nut - (Attach light) (Tinnerman A1181-6Z-3)	4
-55	0713029	Switch - Dome light (serial 25373 & on)	1
-56	PK76XZ-6-6	Screw - (Attach switch)	2
-57	NAS446-2	Nut - (Attach switch) (Tinnerman #A1181-6Z-3)	2
-58	PK76XZ-6-61	Screw - (Attach shield)	4
-59	0713017-1	Light - Map (serial 25373 & on)	1
	0713017-9	Bulb - (Mazda) (67 3 C. P.)	1

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
70-60	AN526-632R6	Screw - (Attach light)	2
-61	AN365-632	Nut - (Attach light)	2
-62	0713029	Switch - Map light	1
-63	PK76XZ-4-6	Screw - (Attach switch)	2
-64	NAS446-1-3	Nut - (Attach switch) (Tinnerman A1776-4Z-3)	2

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

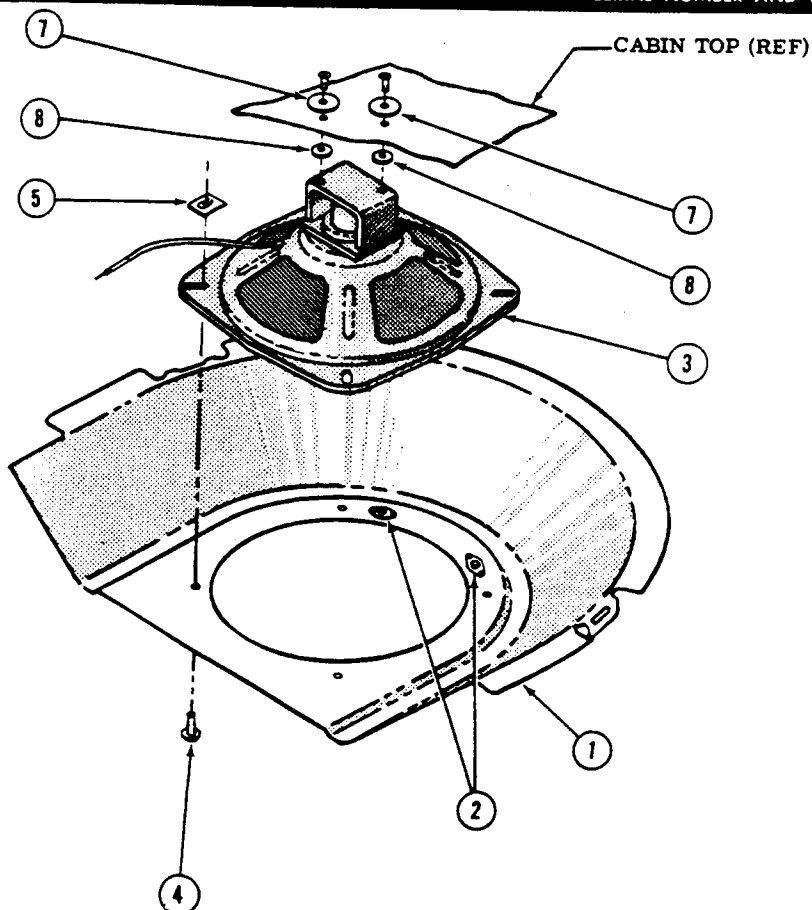


FIGURE 70A. SPEAKER INSTALLATION (SERIAL 20267 THRU 26995)

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
70A-	No Number	Speaker Installation - (See figure 70 for NHA) (Serial 20267 thru 26995)	Ref
-1	0413238	Baffle Assembly - Radio speaker	1
-2	NAS444-1	Nutplate - (Tinnerman #A6191-6Z-3)	2
-3	0411062-2	Speaker - Radio	1
-4	PK76XZ-8-8	Screw - (Attach speaker to baffle)	4
-5	NAS446-4-3	Nut - (Tinnerman #A1778-8Z-3) (attach speaker to baffle)	4
-6	AN526-832R5	Screw - (Attach speaker to cabin top)	2
-7	0311001-27	Washer - (Attach speaker to cabin top)	2
-8	AN970-3	Washer - (Attach speaker to cabin top)	2

NOTE: Speaker installation is optional
equipment serial 26996 & on.

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

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ILLUSTRATED PARTS CATALOG

FIGURE 71 ELECTRICAL WIRING DIAGRAM (SERIALS 20267 THRU 25372)

WIRE NUMBER	LENGTH IN INCHES	SIZE	TERMINALS	
2	10	#4	Sta-Kon F71 (Connects to master solenoid)	Sta-Kon F73 (Connects to battery)
3	23	#4	Sta-Kon F71 (Connects to master solenoid)	Sta-Kon F73 (Connects to starter)
4	12	#18	Sta-Kon RA873 (Connects to turn & bank indicator)	Sta-Kon RA873 (Connects to ground)
5	2	#18	AN659-1 (Connects to turn & bank switch)	Sta-Kon A71 (Connects to CA2 circuit breaker)
6	69	#18	Sta-Kon RA863 (Connects to master switch)	Sta-Kon RA333 (Connects to master solenoid)
7	59	#18	Sta-Kon RA863 (Connects to master switch)	Sta-Kon RA713 (Connects to generator)
8	26	#14	Sta-Kon RB873 (Connects to voltage regulator)	Sta-Kon RB713 (Connects to generator)
10	38	#14	Sta-Kon RB873 (Connects to voltage regulator)	(Solders to fuse retainer)
12	56	#10	Sta-Kon RC363 (Connects to ammeter)	Sta-Kon C73 (Connects to starter)
13	19	#10	Sta-Kon RC363 (Connects to ammeter)	(Solders to buss strip)
15	18	#18	Sta-Kon RA863 (Connects to turn & bank indicator)	AN659-1 (Connects to turn & bank switch)
16	6	#18	Sta-Kon RA863 (Connects to navigation light switch)	(Solders to fuse retainer)
18	57	#18	Sta-Kon B50 (Connects to wires #37 & #51)	Sta-Kon RA863 (Connects to navigation light switch)
19	60	#18	Sta-Kon A50 (Connects to wire #38)	Sta-Kon RA863 (Connects to navigation light switch)
25	2	#14	Sta-Kon RB863 (Connects to radio switch)	(Solders to fuse retainer)
26	12	#14	Sta-Kon RB863 (Connects to radio switch)	Sta-Kon A50 (Connects to radio A +)
29	45	#18	Sta-Kon A50 (Connects to radio)	(Solders to left phone jack)
30	53	#18	(Solders to phone jacks)	(Solders to phone jack)
31	77	#18	Sta-Kon A50 (Connects to speaker)	Sta-Kon A50 (Connects to radio)
32	28	#18	Sta-Kon A50 (Connects to radio)	(Solders to mike jack)
33	28	#18	Sta-Kon A50 (Connects to radio)	(Solders to mike jack)
35	48	#18	Sta-Kon RC863 (Shield); RA333 (Wire) (Connects to ignition switch)	(Solders to magneto)
36	44	#18	Sta-Kon RA333 (Connects to key switch)	(Solders to magneto)
37	214	#18	Sta-Kon A50 & 7 (Connects to wire #18 at B50 with #7 coupler)	(Solders to right wing light socket)
38	214	#18	Sta-Kon A50 & 7 (Connects to wire #19 with #7 coupler)	(Solders to left wing light socket)
41	40	#18	Sta-Kon A50 & 7 (Connects to wire #51 with #7 coupler)	(Solders to tail light)
51	240	#18	Sta-Kon A50 (Connects to wire #41)	(Solders to wire #18)
54	6	#18	Sta-Kon RA863 (Connects to master switch)	Sta-Kon RA873 (Connects to ground)
55	3	#18	Sta-Kon RA333 (Connects to master solenoid)	(Solders to F71 terminal of wire #2)
64	9	#18	(Solders to fuse retainer)	(Solders to instrument light rheostat)
65	74	#18	Sta-Kon A50 (Connects to instrument light)	(Solders to instrument light rheostat)
74	74	#18	(Solders to instrument lights)	Sta-Kon A50 & 7 (Connects to ground)
68	99	#18	Sta-Kon RA333 (Connects to dome light)	(Solders to fuse retainer)
69	36	#18	Sta-Kon RB863 (Shield); RA863 (Wire) (Connects to master switch)	Sta-Kon RB863 (Shield); RA873 (Wire) (Connects to voltage regulator)

ILLUSTRATED PARTS CATALOG

FIGURE 71 ELECTRICAL WIRING DIAGRAM (SERIALS 20267 THRU 25372)

WIRE NUMBER	LENGTH IN INCHES	SIZE	TERMINALS	
72	2	#14	Sta-Kon RB863 (Connects to landing light switch)	(Solders to fuse retainer)
73	64	#14	Sta-Kon RB863 (Connects to landing light switch)	Sta-Kon B50 (Connects to wire #74)
74	130	#14	Sta-Kon RB863 (Connects to inboard landing light)	Sta-Kon B50 & 7 (Connects to wire #C73 with #7 coupler)
75	12	#14	Sta-Kon RB863 (Connects to outboard landing light)	Sta-Kon RB863 (Connects to inboard landing light)
76	6	#14	Sta-Kon RB863 (Connects to outboard landing light)	Sta-Kon RB863 (Connects to ground)
77	12	#14	Sta-Kon RB863 (Connects to outboard landing light)	Sta-Kon RB863 (Connects to inboard landing light)
78	4	#18	Sta-Kon RA863 (Connects to CA2 circuit breaker)	(Solders to buss bar)
79	32	#18	Sta-Kon RA863 (Connects to CA2 circuit breaker)	Sta-Kon RA333 (Connects to stall indicator)
80	50	#18	Sta-Kon RA333 (Connects to stall warning indicator)	Sta-Kon A-50 (Connects to wire #81)
81	92	#18	Sta-Kon RA333 (Connects to stall warning wing unit)	Sta-Kon A50 & 7 (Connects to wire #80 with #7 coupler)
82	3	#18	Sta-Kon RA333 (Connects to stall warning wing unit)	Sta-Kon RA833 (Connects to ground)
92	6	#14	Sta-Kon RB863 (Connects to heater switch)	(Solders to fuse retainer)
99	5.5	#14	Sta-Kon RB863 (Connects to heater terminal post #13)	Sta-Kon RB1333 (Connects to heater relay)
100	186	#14	Sta-Kon RB863 (Connects to heater terminal post #11)	(Solders to fuse retainer)
101	186	#14	Sta-Kon RB863 (Connects to heater switch)	Sta-Kon RB863 (Connects to heater terminal post #12)
102	12	#14	Sta-Kon RB863 (Connects to heater thermostat)	Sta-Kon RB863 (Connects to heater terminal post #14)
103	12	#14	Sta-Kon RB863 (Connects to heater thermostat)	Sta-Kon RB863 (Connects to heater terminal post #13)
104	36	#18	Sta-Kon RB863 (Connects to heater safety valve)	Sta-Kon RB863 (Connects to heater terminal post #12)
105	186	#14	Sta-Kon RB863 (Connects to heater switch)	Sta-Kon RB863 (Connects to heater terminal post #13)
112	15	#18	(Solders to compass resistor)	(Solders to compass light)

FIGURE 72 ELECTRICAL WIRING DIAGRAM (SERIALS 25373 & ON)

WIRE NUMBER	LENGTH IN INCHES	SIZE	TERMINALS	
2	10	#4	Sta-Kon F71 (Connects to master solenoid)	Sta-Kon F73 (Connects to battery)
3	14	#4	Sta-Kon F71 (Connects to master solenoid)	Sta-Kon F73 (Connects to starter)
4	24	#18	Sta-Kon RA873 (Connects to turn & bank indicator)	Sta-Kon RA873 (Connects to ground)
6	80	#18	Sta-Kon RA863 (Connects to master switch)	Sta-Kon RA333 (Connects to master solenoid)
7	70	#18 (Shielded)	Sta-Kon RA863 (Connects to master switch)	Sta-Kon RA713 (Connects to generator)
8	28	#14	Sta-Kon RB873 (Connects to voltage regulator)	Sta-Kon RB713 (Connects to generator)
10	58	#14	Sta-Kon RB873 (Connects to voltage regulator)	(Solders to fuse retainer)
12	68	#10	Sta-Kon RC363 (Connects to ammeter)	Sta-Kon RC733 (Connects to starter)
13	12	#10	Sta-Kon RC363 (Connects to ammeter)	(Solders to buss strip)
15	10	#18	Sta-Kon RA863 (Connects to turn & bank indicator)	Sta-Kon RA863 (Connects to circuit breaker)
16	16	#18	Sta-Kon RA863 (Connects to navigation light switch)	(Solders to fuse retainer)

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

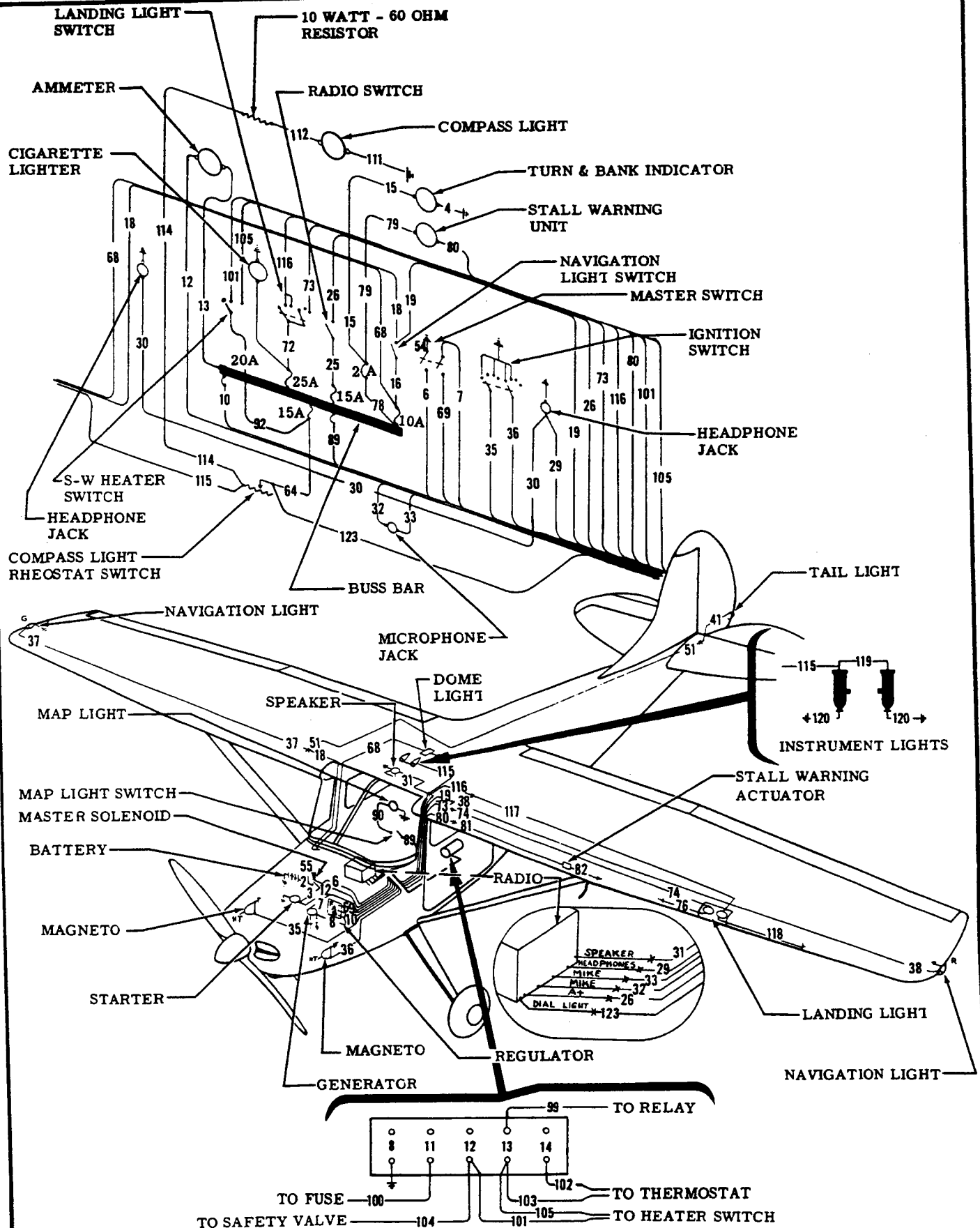


FIGURE 72: ELECTRICAL WIRING DIAGRAM (SERIAL 25373 THRU 26995)

ILLUSTRATED PARTS CATALOG

FIGURE 72 ELECTRICAL WIRING DIAGRAM (SERIALS 25373 & ON)

WIRE NUMBER	LENGTH IN INCHES	SIZE	TERMINALS	
18	47	#18	Sta-Kon A50 (Connects to wires 37 & 51)	Sta-Kon RA863 (Connects to navigation light switch)
19	55	#18	Sta-Kon A50 (Connects to wire 38)	Sta-Kon RA863 (Connects to navigation light switch)
25	12	#14	(Solders to fuse retainer)	Sta-Kon RB863
26	35	#14	Sta-Kon RB863 (Connects to radio switch)	Sta-Kon A-50 (Connects to radio A+)
29	12	#18	Sta-Kon A50 (Connects to radio)	(Solder to left phone jack)
30	42	#18	(Solders to phone jack)	(Solders to phone jack)
31	73	#18	Sta-Kon A50 (Connects to speaker)	Sta-Kon A50 (Connects to radio)
32	38	#18	Sta-Kon A50 (Connects to radio)	(Solders to mike jack)
33	32	#18	Sta-Kon A50 (Connects to radio)	(Solders to mike jack)
35	34	#18	Sta-Kon RA333 (Wire); RC863 (Shield)	(Solders to magneto)
36	38	#18	Connects to ignition switch	(Solders to magneto)
37	214	#18	Sta-Kon RA333 (Wire); RC863 (Shield) (Connects to ignition switch)	(Solders to magneto)
38	214	#18	Sta-Kon A50 & 7 (Connects to wire #18 at 50 with #7 coupler)	(Solders to right wing light)
41	40	#18	Sta-Kon A50 & 7 (Connects to wire #19 with #7 coupler)	(Solders to left wing light)
51	240	#18	Sta-Kon A50 & 7 (Connects to wire #51 with #7 coupler)	(Solders to tail light)
54	6	#18	Sta-Kon A50 (Connects to wire #41)	(Solders to wire #18)
55	3	#18	Sta-Kon RA863 (Connects to master switch)	Sta-Kon RA873 (Connects to ground)
64	4	#18	Sta-Kon RA333 (Connects to master solenoid)	(Solders to F71 terminal of wire #2)
68	96	#18	(Solders to fuse retainer)	(Solders to instrument light rheostat)
69	46	#18	Sta-Kon RA333 (Connects to dome light)	(Solders to fuse retainer)
72	10	#14	Sta-Kon RA863 (Wire); RB863 (Shield) (Connects to master switch)	Sta-Kon RB863 (Shield); RA873 (Wire) (Connects to voltage regulator)
73	60	#14	Sta-Kon RB863 (Connects to landing light switch)	(Solders to fuse retainer)
74	130	#14	Sta-Kon RB863 (Connects to landing light switch)	Sta-Kon B50 (Connects to wire #74)
76	6	#14	Sta-Kon RB863 (Connects to inboard landing light)	Sta-Kon B50 & 7 (Connects to wire #73 with #7 coupler)
78	10	#18	Sta-Kon RB863 (Connects to inboard landing light)	Sta-Kon RB863 (Connects to ground)
79	10	#18	Sta-Kon RA863 (Connects to CA 2 circuit breaker)	(Solders to buss bar)
80	42	#18	Sta-Kon RA863 (Connects to CA2 circuit breaker)	Sta-Kon RA333 (Connects to stall indicator)
81	92	#18	Sta-Kon RA333 (Connects to stall warning indicator)	Sta-Kon A50 (Connects to wire #81)
89	69	#18	Sta-Kon RA333 (Connects to stall warning wing unit)	Sta-Kon A50 & 7 (Connects to wire #80 with #7 coupler)
90	18	#18	Sta-Kon RA333 (Connects to map light switch)	(Solders to fuse retainer)
92	18	#14	Sta-Kon RA863 (Connects to map light)	Sta-Kon RA333 (Connects to map light switch)
99	5.5	#14	Sta-Kon RB863 (Connects to heater switch)	(Solders to fuse retainer)
100	176	#14	Sta-Kon RB863 (Connects to heater terminal post #13)	Sta-Kon RB1333 (Connects to heater relay)
101	176	#14	Sta-Kon RB863 (Connects to heater terminal post #11)	(Solder to fuse retainer)
			Sta-Kon RB863 (Connects to heater switch)	Sta-Kon RB863 (Connects to heater terminal post #12)

ILLUSTRATED PARTS CATALOG

FIGURE 72 ELECTRICAL WIRING DIAGRAM (SERIALS 25373 & ON)

WIRE NUMBER	LENGTH IN INCHES	SIZE	TERMINALS	
102	176	#14	Sta-Kon RB863 (Connects to heater thermostat)	Sta-Kon RB863 (Connects to heater terminal post #14)
103	61	#14	Sta-Kon RB863 (Connects to heater thermostat)	Sta-Kon RB863 (Connects to heater terminal post #13)
104	61	#18	Sta-Kon RB863 (Connects to heater terminal post #12)	Sta-Kon RB863 (Connects to heater safety valve)
105	12	#14	Sta-Kon RB863 (Connects to heater switch)	Sta-Kon RB863 (Connects to heater terminal post #13)
111	19	#18	(Solders to compass light)	(Solders to ground)
112	15	#18	(Solders to compass resistor)	(Solders to compass light)
114	6	#18	(Solders to instrument light rheostat)	(Solders to compass light resistor)
115	102	#18	Sta-Kon A50 & 7 (Connects to wire #119 with #7 coupler)	(Solder to instrument light rheostat)
116	60	#14	Sta-Kon RB863 (Connects to landing light switch)	Sta-Kon B50 (Connects to wire #117)
117	136	#14	Sta-Kon RB863 (Connects to outboard landing light)	Sta-Kon B50 & 7 (Connects to wire #116 with #7 coupler)
118	12	#14	Sta-Kon RB863 (Connects to outboard landing light socket)	Sta-Kon RB863 (Connects to ground)
119	6	#18	(Solder to instrument light)	(Solder to instrument light)
120	6	#18	Sta-Kon RB863 (Connects to ground)	(Solders to instrument light)
123	37	#18	Sta-Kon A-57 (Connects to radio dial light)	(Solders to instrument light rheostat)

ILLUSTRATED PARTS CATALOG

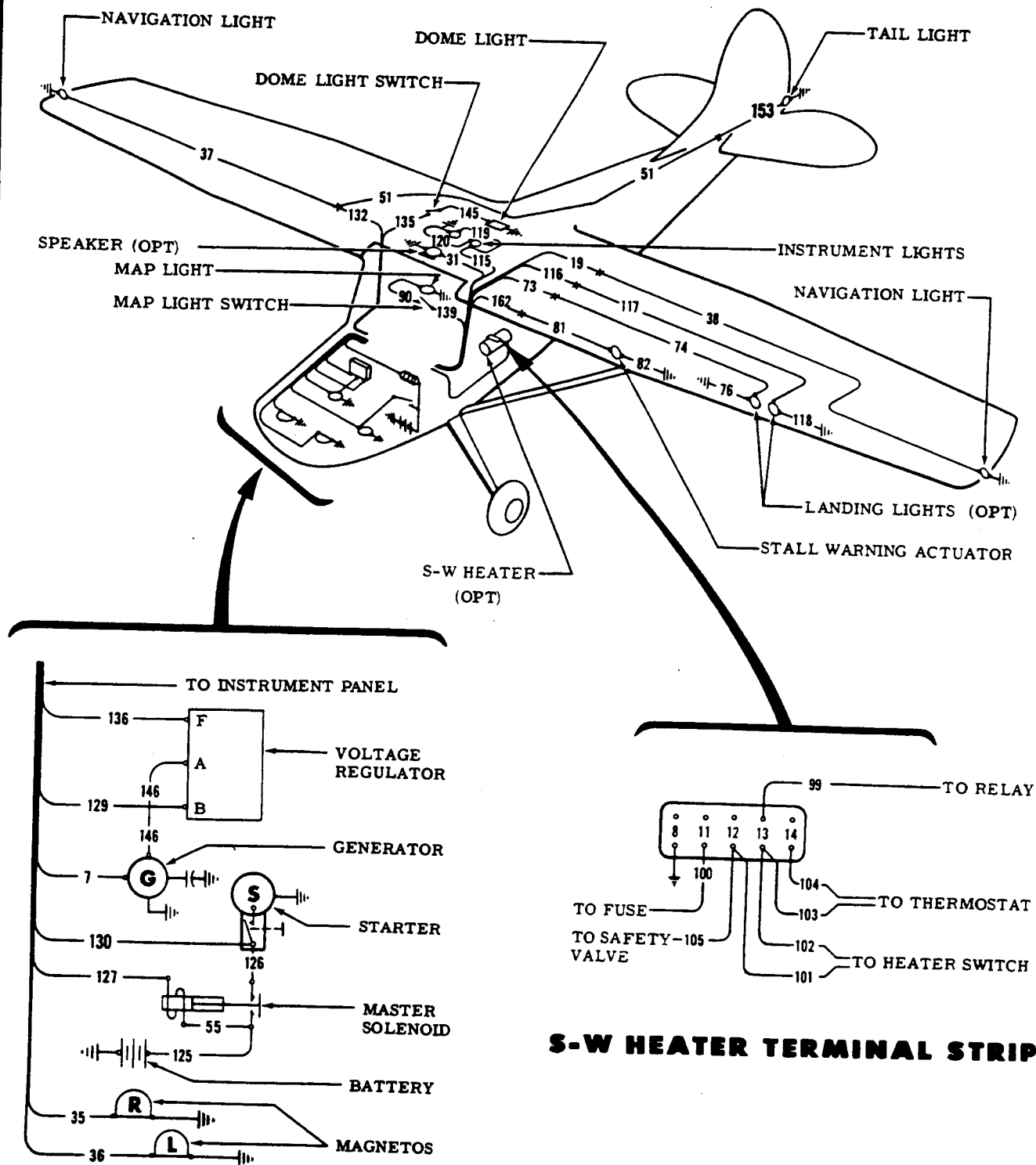
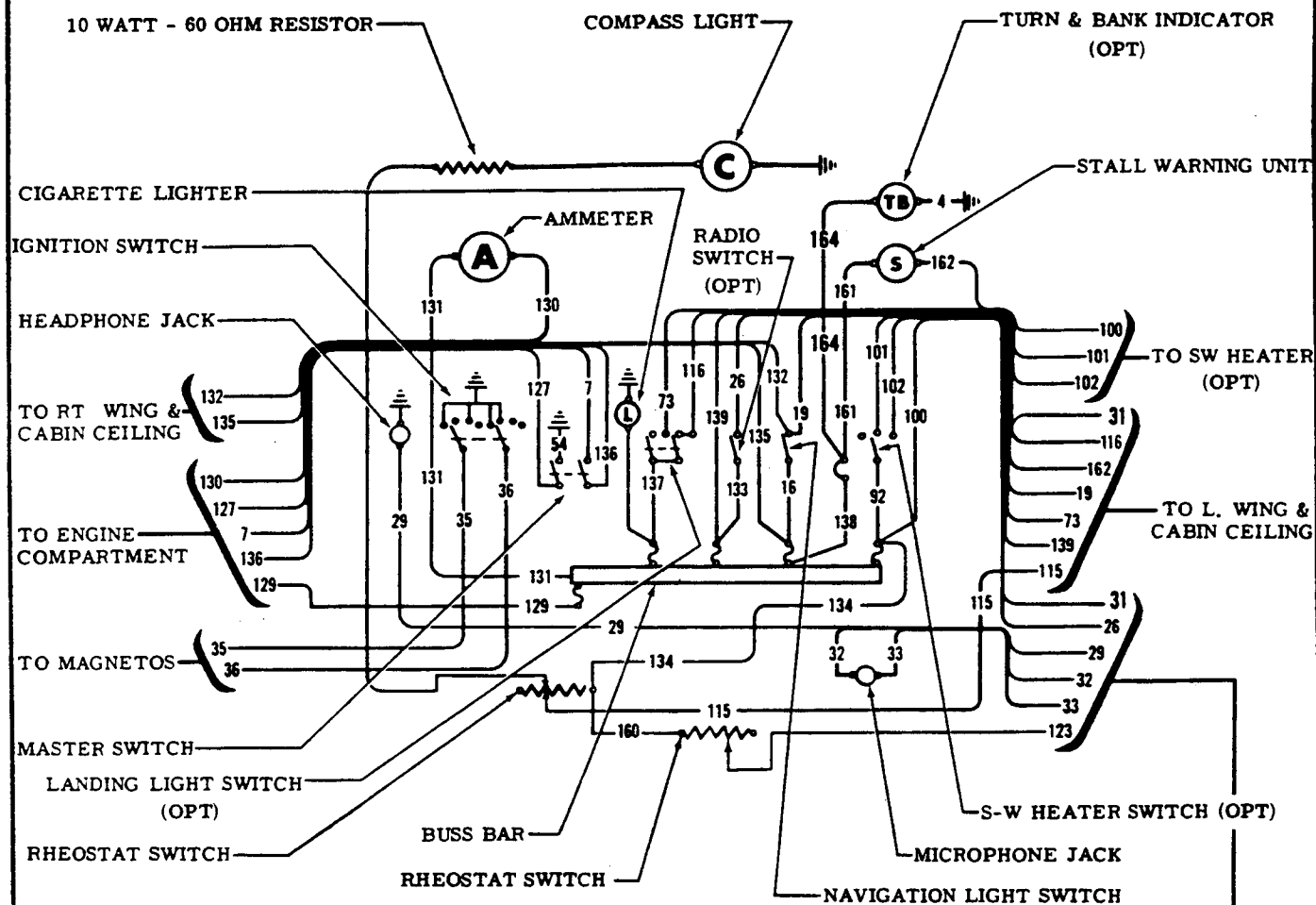


FIGURE 72A. ELECTRICAL WIRING DIAGRAM (SERIAL 26996 AND ON)

ILLUSTRATED PARTS CATALOG



INSTRUMENT PANEL

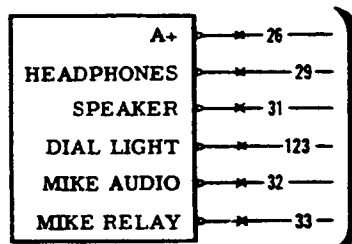
RADIO EQUIPMENT
(OPTIONAL)

FIGURE 72A. ELECTRICAL WIRING DIAGRAM (SERIAL 26996 AND ON)

ILLUSTRATED PARTS CATALOG

FIGURE 72A ELECTRICAL WIRING DIAGRAM (SERIAL 26996 & ON)

WIRE NUMBER	LENGTH IN INCHES	SIZE	TERMINALS
4	10	#18	Sta-Kon RA863 (Connects to turn & bank indicator)
7	70	#18 (Shielded)	Sta-Kon RA863 (wire); RB863 (shield) (Connects to master switch)
15	10	#18	Sta-Kon RA863 (Connects to heater relay)
16	16	#18	Sta-Kon RA863 (Connects to navigation light switch)
19	46	#18	Sta-Kon RA863 (Connects to navigation light switch)
26	35	#14	Sta-Kon RB863 (Connects to radio switch)
29	12	#18	Sta-Kon A56 (Connects to radio)
31	73	#18	Sta-Kon A56 (Connects to speaker)
32	38	#18	Sta-Kon A56 (Connects to radio)
33	32	#18	Sta-Kon A56 (Connects to radio)
35	34	#18 (Shielded)	Sta-Kon RA333 (wire); RC863 (shield) (Connects to ignition switch)
36	34	#18 (Shielded)	Sta-Kon RA333 (wire); RC863 (shield) (Connects to ignition switch)
37	214	#18	Sta-Kon A56 & 7 (Connects to wire 132 with 7 coupler)
38	214	#18	Sta-Kon A56 (Connects to wire 19)
51	240	#18	Sta-Kon A50 (Connects to wire 153)
54	6	#18	Sta-Kon RA863 (Connects to master switch)
55	3	#18	Sta-Kon RA833 (Connects to master solenoid)
73	60	#14	Sta-Kon RB863 (Connects to landing light switch)
74	130	#14	Sta-Kon RB863 (Connects to inboard landing light)
76	6	#14	Sta-Kon RB863 (Connects to inboard landing light)
79 *	10	#18	Sta-Kon RA333 (Connects to CA2 circuit breaker)
80 *	42	#18	Sta-Kon A50 (Connects to wire 81)
81	92	#18	Sta-Kon RA333 (Connects to stall warning wing unit)
82	3	#18	Sta-Kon RA333 (Connects to stall warner wing unit)
90	18	#18	Sta-Kon RA333 (Connects to map light)
92	18	#14	Sta-Kon RB863 (Connects to heater switch)
99	66	#14	Sta-Kon RB863 (Connects to heater terminal post #13)
100	176	#14	Sta-Kon RB863 (Connects to heater terminal post #11)
101	176	#14	Sta-Kon RB863 (Connects to heater switch)
102	176	#14	Sta-Kon RB863 (Connects to heater switch)
103	61	#14	Sta-Kon RB863 (Connects to heater thermostat)
104	61	#14	Sta-Kon RB863 (Connects to heater terminal post #14)
105	12	#14	Sta-Kon RB863 (Connects to heater safety valve)
			Sta-Kon RA873 (Connects to ground) Sta-Kon RA713 (wire); RB863 (shield) (Connects to generator) Sta-Kon RA863 (Connects to ground) (Solders to fuse retainer) Sta-Kon A50 (Connects to wire 38) Sta-Kon B56 (Connects to radio A+) (Solder to phone jack) Sta-Kon A56 (Connects to radio) (Solders to mike jack) (Solders to mike jack) (Sta-Kon RA333 (wire); RC363 (shield) (Connects to magneto) Sta-Kon RA333 (wire); RC363 (shield) (Connects to magneto) (Solders to right wing light) (Solders to left wing light) (Connects to wire 132) Sta-Kon RA873 (Connects to ground) (Solders to F71 terminal of wire 125) Sta-Kon B50 (Connect to wire 74) Sta-Kon B56 & 7 (Connects to wire 73 with 7 coupler) Sta-Kon RB863 (Connects to ground) Sta-Kon RA863 (Connects to stall warner) Sta-Kon RA333 (Connects to stall warner) Sta-Kon A50 (Connects to wire 162 with 7 coupler) Sta-Kon RA863 (Connects to ground) Sta-Kon RA833 (Connects to map light switch) (Solders to fuse retainer) Sta-Kon RB333 (Connects to heater relay) (Solders to fuse retainer) Sta-Kon RB863 (Connects to heater terminal post #12) Sta-Kon RB863 (Connects to heater terminal post #13) Sta-Kon RB863 (Connects to heater terminal post #13) Sta-Kon RB863 (Connects to heater thermostat) Sta-Kon RB863 (Connects to heater terminal post #12)

ILLUSTRATED PARTS CATALOG

FIGURE 72A ELECTRICAL WIRING DIAGRAM (SERIAL 26996 & ON)

WIRE NUMBER	LENGTH IN INCHES	SIZE	TERMINALS
115	102	#18	Sta-Kon A56 & 7 (Connects to wire 119 with 7 coupler)
116	60	#14	Sta-Kon RB863 (Connects to landing light switch)
117	136	#14	Sta-Kon RB863 (Connects to outboard landing light)
118	12	#14	Sta-Kon RB863 (Connects to outboard landing light socket)
119	6	#18	(Solder to instrument light)
120	6	#18	Sta-Kon RA333 (Connects to ground)
123	37	#18	Sta-Kon A57 (Connects to radio dial light)
125	5	#4	Sta-Kon F71 (Connects to battery)
126	26	#4	Sta-Kon F73 (Connects to solenoid)
127	74	#18	Sta-Kon RA863 (Connects to master switch)
129	72	#10	Sta-Kon RC363 (Connects to regulator)
130	54	#10	Sta-Kon RC363 (Connects to ammeter)
131	33	#10	Sta-Kon RC363 (Connects to ammeter)
132	71	#18	Sta-Kon B50 (Connects to wire 37)
133	21	#14	Sta-Kon RB863 (Connect to radio switch)
134	15	#18	(Solders to fuse retainer)
135	120	#18	Sta-Kon RA333 (Connects to dome light switch)
136	50	#18	Sta-Kon RA863 (wire); RB863 (shield) (Connects to master switch)
137	18	#14	(Solders to fuse retainer)
138	19	#18	Sta-Kon RA863 (Connects to circuit breaker)
139	57	#18	Sta-Kon RA333 (Connect to map light switch)
145	6	#18	Sta-Kon RA333 (Connects to dome light switch)
146	22	#10	Sta-Kon RC363 (Connects to regulator)
149 **	3	#18	Sta-Kon RA333 (Connects to master solenoid)
150 **	5	#4	Sta-Kon F73 (Connects to battery)
151 **	19	#4	Sta-Kon F73 (Connects to wire 150)
152 **	26	#4	Sta-Kon F73 (Connects to solenoid)
153	32	#18	Sta-Kon A56 (Connects to wire 51 with coupler)
160	3	#18	(Solders to instrument light rheostat)
161	42	#18	Sta-Kon RA333 (Connects to CA2 circuit breaker)
162	86	#18	Sta-Kon RA333 (Connects to stall warner)
164	12	#18	Sta-Kon RA863 (Connects to turn & bank indicator)
			* Effective serials 26039 thru 26995
			** Effective serials 26695 thru 26754
			(Solders to instrument light rheostat) Sta-Kon B56 (Connects to wire 117) Sta-Kon B50 & 7 (Connects to wire 116 with 7 coupler) Sta-Kon RB863 (Connects to ground) Sta-Kon B50 (Solder to instrument light) Sta-Kon RB836 (Solders to instrument light) Sta-Kon RA863 (Connects to radio light rheostat) Sta-Kon F73 (Connects to solenoid) Sta-Kon F71 (Connects to starter solenoid) Sta-Kon RA333 (Connects to solenoid) (Solder to fuse retainer) Sta-Kon RC713 (Connects to starter solenoid) (Solders to fuse retainer) Sta-Kon RA863 (Connects to navigation light switch) (Solders to fuse retainer) (Solders to instrument light rheostat) (Solders to fuse retainer) Sta-Kon RA863 (wire); RB863 (shield) (Connects to regulator) Sta-Kon RB863 (Connects to landing light switch) (Solders to fuse retainer) (Solders to fuse retainer) (Solders to dome light) Sta-Kon RC713 (Connects to generator) Sta-Kon RA733 (Connects to wire 150) Sta-Kon F73 (Connects to wire 149) Sta-Kon F73 (Connects to ground service plug) Sta-Kon F73 (Connects to starter) (Solders to tail light) (Solders to radio light rheostat) Sta-Kon RA863 (Connects to stall warner) Sta-Kon A56 (Connects to wire 81) Sta-Kon RA863 (Connects to circuit breaker)

ILLUSTRATED PARTS CATALOG

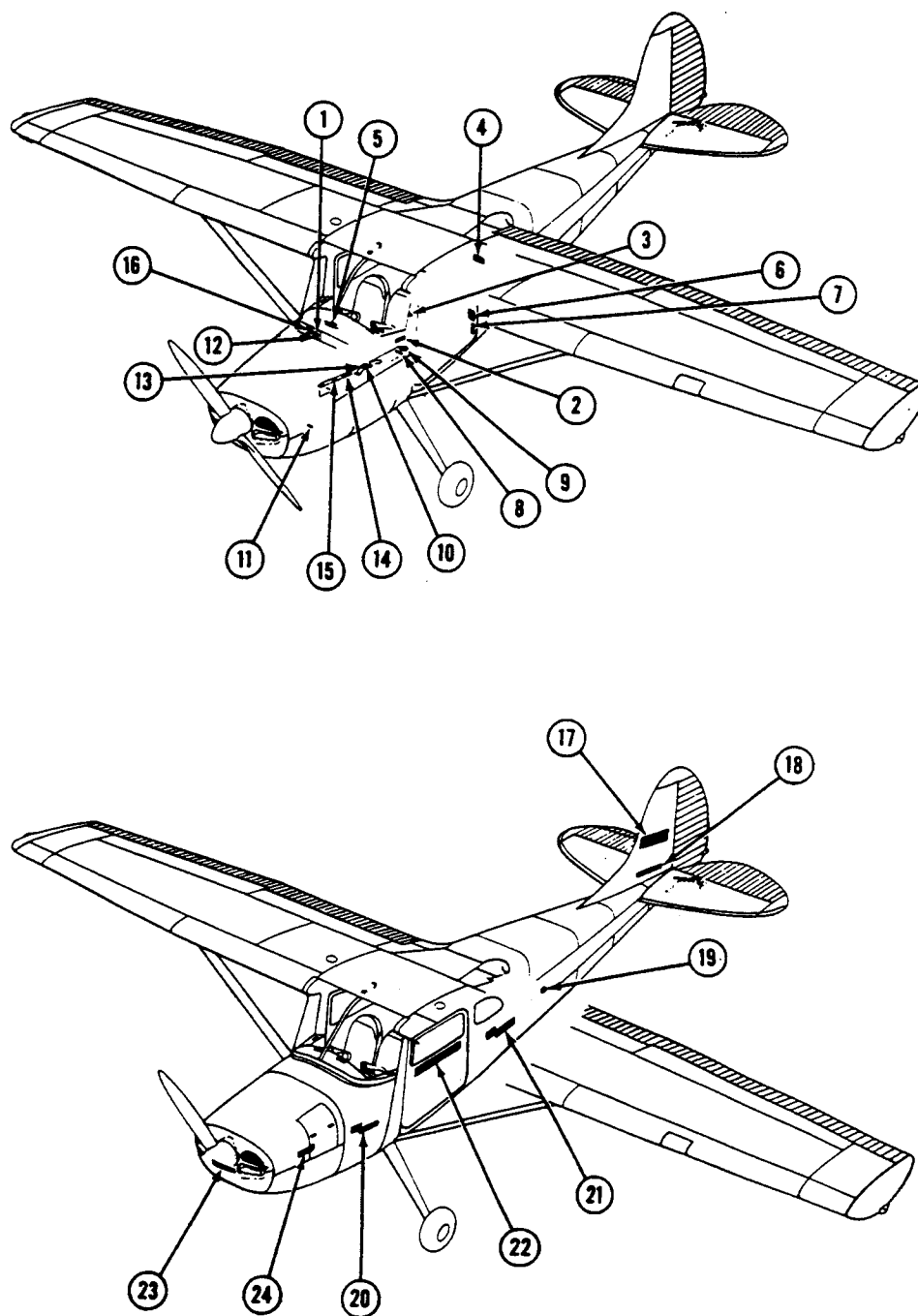


FIGURE 72B. - DECALS, PLACARDS AND EXTERIOR MARKINGS INSTALLATION

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
72B-	No Number	Decals, Placards, and Exterior Markings Installation - (See figure 1 for NHA)	Ref
-1	0513028	. Decal - Operational limitations (serial 20267 thru 26995) (see fig. 37, 42, 42A for NHA)	Ref
-2	0513028	. Decal - Operational limitations (serial 26996 & on) (see figure 36A for NHA)	Ref
-3	0713210-4	. Decal - Map light (see figure 36, 36A, for NHA)	Ref
-4	0512120	. Placard - Load limits	1
-5	0713212	. Insignia - Decorative emblem (serial 25373 & on) (see figure 43 for NHA)	Ref
-6	0413261	. M.A.A. Name Plate - (See figure 17 for installation)	Ref
-7	0713047	. Plate - Finish and trim	1
-8	0511168	. Placard - Both tanks on (see figures 35, 36, 36A for NHA)	Ref
-9	0511167	. Plate - Fuel selector valve (see figure 63 for NHA)	Ref
-10	0411422	. Decal - Tab position indicator (see figure 69 for NHA)	Ref
-11	0513022-1	. Decal - Drain valve (see figure 63 for NHA)	Ref
-12	0411749-5	. Decal - Spare fuses (see figures 37, 42, 42A for NHA)	Ref
-13	0413179	. Decal - Take off range	1
-14	0510186	. Decal - Pull to extend (see figure 68 for NHA) (use with (3) three notch ratchet)	Ref
-15	0510191	. Decal - Pull to extend (see figure 68 for NHA) (use with (4) four notch ratchet)	Ref
-16	0510188	. Decal - Avoid slips (see figure 68 for NHA)	Ref
-17	0413114-1	. Decal - Service information (see figures 37, 42, 42A for NHA)	Ref
	S-31-11	. Stencil - Tail marking (serial 20267 thru 25372)	1
	0500018-2	. Stencil - Tail marking (serial 25373 thru 26038)	1
	0500023	. Stencil - Tail marking (serial 26039 thru 26995)	1
-18	0500022	. Stencil - Tail marking (serial 26505 thru 26995)	1
-19	0500026	. Decal - Fuselage insignia (serial 26996 & on)	1
	0500026-1	. Decal - Fuselage insignia (serial 26996 & on)	1
-20	0500016	. Stencil - Script (serial 26039 thru 26504)	1
-21	0500021	. Stencil - Script (serial 26505 thru 26995)	1
-22	0500018-1	. Stencil - Door marking (serial 25373 thru 26038)	1
	0500022	. Stencil - Door marking (serial 26039 thru 26504)	1
	0500027-1	. Stencil - Door marking (serial 26996 & on)	1
	0500030	. Placard - Copyright (serial 26996 & on)	2
-23	0452196	. Stencil - Nose marking (serial 20267 thru 25372)	1
-24	0500018-1	. Stencil - Cowl marking (serial 20267 thru 25372)	1

Optional Equipment Section



ILLUSTRATED PARTS CATALOG

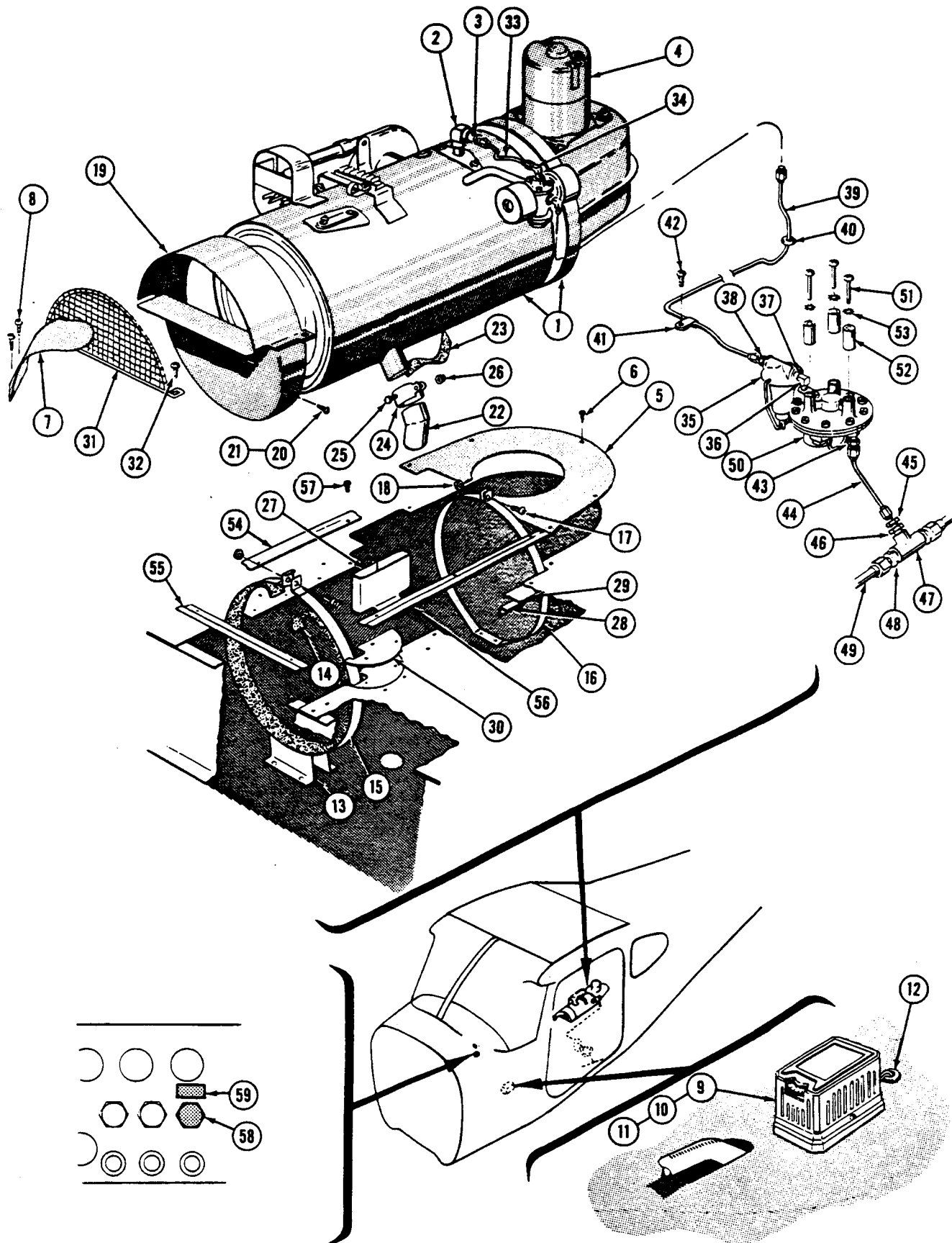


FIGURE 73. STEWART-WARNER CABIN HEATER INSTALLATION

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASSY
73-	52-3-897	Installation Kit - Stewart-Warner heater	1
-1	0511231-17	Heater Assembly - Stewart-Warner (see figure 73A for breakdown)	1
-2	AN916-1D	Elbow	1
-3	AN816-2D	Adapter	1
-4	0311779-4	Blower Assembly - (Stewart-Warner No. 485201)	1
-5	0511231-8	Shield - Blower	1
-6	PK76XZ-8-8	Screw - (Attach shield)	5
-7	0511231-20	Deflector	1
-8	PK76XZ-8-8	Screw - (Attach deflector)	2
-9	0311779-30	Thermostat - Remote control	1
-10	PK76XZ-8-10	Screw - (Attach thermostat)	4
-11	NAS446-4	Nut - (Attach thermostat) (Tinnerman A1778-8Z-3)	4
-12	AN931-3-5	Grommet - Thermostat wire	1
-13	0311752-8	Support - Heater	1
-14	0311779-22	Belting - (Stewart - Warner No. 475229)	1
-15	0311779-23	Strap Assembly - (Stewart-Warner No. 475232)	1
-16	0511231-15	Clamp - Heater mounting	1
-17	AN526-1032R8	Screw - (Attach clamp)	1
-18	AN365-1032	Nut - (Attach clamp)	1
-19	0511231-14	Deflector Assembly - Air outlet	1
-20	PK76XZ-8-6	Screw - (Attach deflector)	4
-21	AN960A10L	Washer - (Attach deflector)	AR
-22	0311752-5	Stack - Exhaust	1
-23	0311752-10	Tape	1
-24	AN741D13	Clamp	1
-25	AN3-5A	Bolt	1
-26	AN365-1032	Nut	1
-27	0511231-39	Duct	1
-28	0511231-6	Stiffener	1
-29	0511231-7	Doubler - Heater cutout	1
-30	0511231-22	Plate - Heater cutout	1
-31	0311796	Screen	1
-32	PK76XZ-8-8	Screw - (Attach screen)	2
-33	0500106-78	Fuel Line - (Solenoid valve to heater)	1
-34	AN822-2D	Elbow	2
-35	0311752-30	Filter - Fuel	1
-36	AN914-1	Elbow	1
-37	0311779-18	Nipple	1
-38	AN816-2B	Adapter	1
-39	0500106-77	Fuel Line - (Solenoid to filter)	1
-40	AN931-2S9	Grommet	1
-41	A2981A-4-27	Clamp - (Attach fuel line)	1
-42	PK76XZ-8-6	Screw - (Attach clamp)	1
-43	AN816-2B	Adapter	1
-44	0500106-76	Fuel Line - (Adapter to tee)	1
-45	AN816-2B	Adapter	1
-46	AN912-1D	Bushing	1
-47	AN917-2D	Tee	1
-48	AN816-6D	Adapter	2
-49	0511106-75	Fuel line - (Tee to fuel selector valve)	1
-50	0311779-17	Valve - Safety (Stewart-Warner No. G-485207)	1
-51	AN526-1032R20	Screw - (Attach safety valve)	3
-52	NAS43-3-64	Spacer - (Attach safety valve)	3
-53	0311779-26	Lock Washer - (Attach safety valve) (Stewart-Warner No. 3-481074)	3
-54	0311772-2	Retainer Strip - Carpet inboard	1
-55	0311772-3	Retainer Strip - Carpet forward	1
-56	0311772-4	Retainer Strip - Carpet outboard	1
-57	PK76XZ-8-8	Screw - (Attach retainer strip)	9
-58	0713026-4	Switch - Heater	1
-59	0511231-40	Placard - Heater switch	1
	0500005-99	Wire - (Relay to terminal strip)	1
	0500005-100	Wire - (Terminal strip to fuse)	1
	0500005-101	Wire - (Terminal strip to fan switch)	1
	0500005-102	Wire - (Terminal strip to thermostat)	1
	0500005-103	Wire - (Terminal strip to thermostat)	1
	0500005-104	Wire - (Terminal strip to safety valve)	1
	0500005-105	Wire - (Terminal strip to control switch)	1

ILLUSTRATED PARTS CATALOG

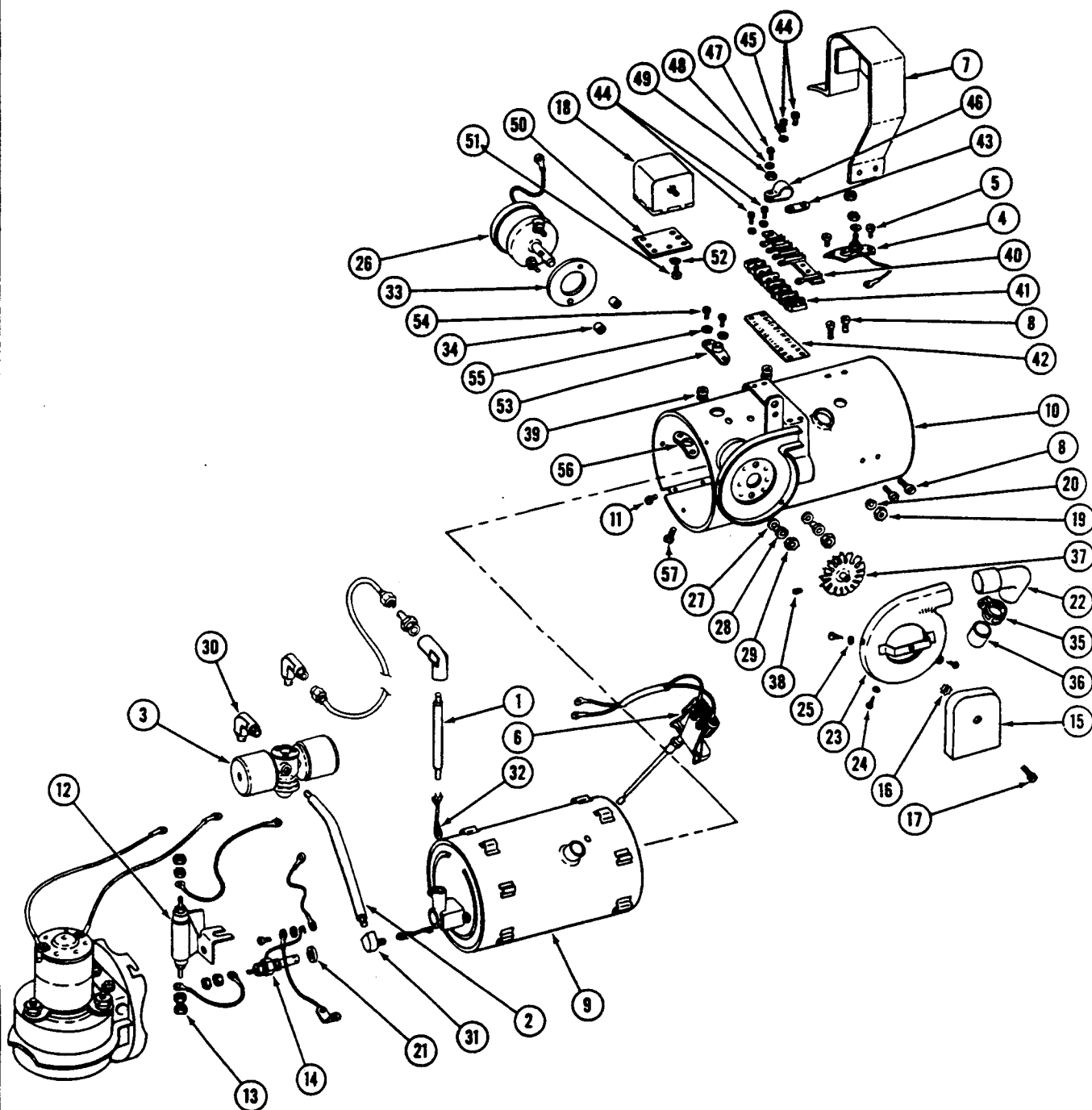


FIGURE 73A. STEWART-WARNER CABIN HEATER ASSEMBLY

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASSY
73A-	0511231-17	Heater Assembly - Stewart-Warner (see figure 73 for NHA)	Ref
-1	0511231-4	Stand Pipe	1
-2	0511231-5	Drip Pipe	1
	0311779-2	Heater - Model 979-B-1 (Stewart-Warner No. G-485200)	1
-3	0511231-16	Valve Assembly - Fuel control (Stewart-Warner G-486157)	1
-4	0311779-6	Switch Assembly - Overheat (Stewart-Warner G-485010)	1
-5	0311779-69	Screw - (Attach overheat switch assembly)(Stewart-Warner 83624)	2
-6	0311779-7	Switch Assembly - Flame (Stewart-Warner G-486161)	1
-7	0311779-8	Guard Assembly - Flame (Stewart-Warner G-485269)	1
-8	0311779-69	Screw - (Attach guard assembly)(Stewart-Warner 83624)	4
-9	0311779-9	Exchanger Assembly - (Stewart-Warner G-484865)	1
-10	0311779-10	Housing Assembly - (Stewart-Warner G-484907)	1
-11	0311779-75	Screw - (Stewart-Warner 85040)	3
-12	0311779-11	Resistor - (Stewart-Warner G-475935)	1
-13	0311779-90	Nut - (Attach wire to resistor)(Stewart-Warner 7228)	6
-14	0311779-12	Igniter Assembly - (Stewart-Warner G-474942)	1
-15	0311779-13	Shield - Blower (Stewart-Warner 485037)	1
-16	0311779-71	Lockwasher - (Attach shield)(Stewart-Warner 475005)	1
-17	0311779-98	Screw - (Attach shield)(Stewart-Warner 475768)	1
-18	0311779-14	Relay - (Stewart-Warner 475939)	1
-19	0311779-72	Nut - (Attach relay)(Stewart-Warner 45569)	1
-20	0311779-99	Lockwasher - (Attach relay)(Stewart-Warner 61086)	1
-21	0311779-15	Gasket - Igniter (Stewart-Warner 475067)	1
-22	0311779-47	Elbow - Fuel air (Stewart-Warner 474924)	1
-23	0311779-48	Housing Assembly - Bracket (Stewart-Warner G-485016)	1
-24	0311779-70	Screw - (Attach housing)(Stewart-Warner 17093)	3
-25	0311779-89	Washer - (Attach housing)(Stewart-Warner 77856)	3
-26	0311779-49	Motor Assembly (Stewart-Warner G-485210)	1
-27	0311779-76	Washer - Rubber (attach motor)(Stewart-Warner 476226)	2
-28	0311779-77	Washer - (Attach motor)(Stewart-Warner 474945)	2
-29	0311779-78	Nut - (Attach motor)(Stewart-Warner 12349)	2
-30	AN822-2D	Elbow	1
-31	0311779-52	Elbow - (Stewart-Warner 484230)	1
-32	0311779-55	Cable - Knit (Stewart-Warner 474948)	3
-33	0311779-65	Spacer - (Stewart-Warner 476227)	1
-34	0311779-66	Spacer - Centering (Stewart-Warner 484921)	2
-35	0311779-67	Clamp - Hose (Stewart-Warner 474932)	1
-36	0311779-68	Hose - (Stewart-Warner 474931)	1
-37	0311779-73	Wheel - Blower (Stewart-Warner G-484046)	1
-38	0311779-88	Screw - Cup Point (Attach blower wheel)(Stewart-Warner 471036)	1
-39	0311779-79	Grommet - (Stewart-Warner 475127)	2
-40	0311779-80	Connecting Strip - (Stewart-Warner 484955)	1
-41	0311779-81	Strip - Terminal (Stewart-Warner 484140)	1
-42	0311779-82	Strip - Double marker (Stewart-Warner 484857)	1
-43	0311779-84	Jumper - (Stewart-Warner 485152)	1
-44	0311779-97	Screw - (Attach terminals and component parts)(Stewart-Warner 76694)	4
-45	0311779-101	Washer - (Attach terminals and component parts)(Stewart-Warner 79404)	3
-46	0311779-83	Clamp - Cable (Stewart-Warner 484986)	1
-47	0311779-100	Screw - (Attach clamp)(Stewart-Warner 77863)	1
-48	0311779-102	Lockwasher - (Attach clamp)(Stewart-Warner 79372)	1
-49	0311779-96	Nut - (Attach clamp)(Stewart-Warner 76784)	1
-50	0311779-85	Insulator - Relay (Stewart-Warner 475928)	1
-51	0311779-86	Screw - (Attach insulator)(Stewart-Warner 12439)	7
-52	0311779-94	Lockwasher - (Attach insulator)(Stewart-Warner 43036)	7
-53	0311779-87	Flange - (Stewart-Warner 474910)	1
-54	0311779-95	Screw - (Attach flange to housing)(Stewart-Warner 79003)	2
-55	0311779-101	Washer - (Attach flange to housing)(Stewart-Warner 79404)	2
-56	0311779-74	Plate - Tapping (attach flange to housing)(Stewart-Warner 484121)	1
-57	0311779-69	Screw - (Attach blower assembly to housing assembly)(Stewart-Warner 83624)	3

ILLUSTRATED PARTS CATALOG

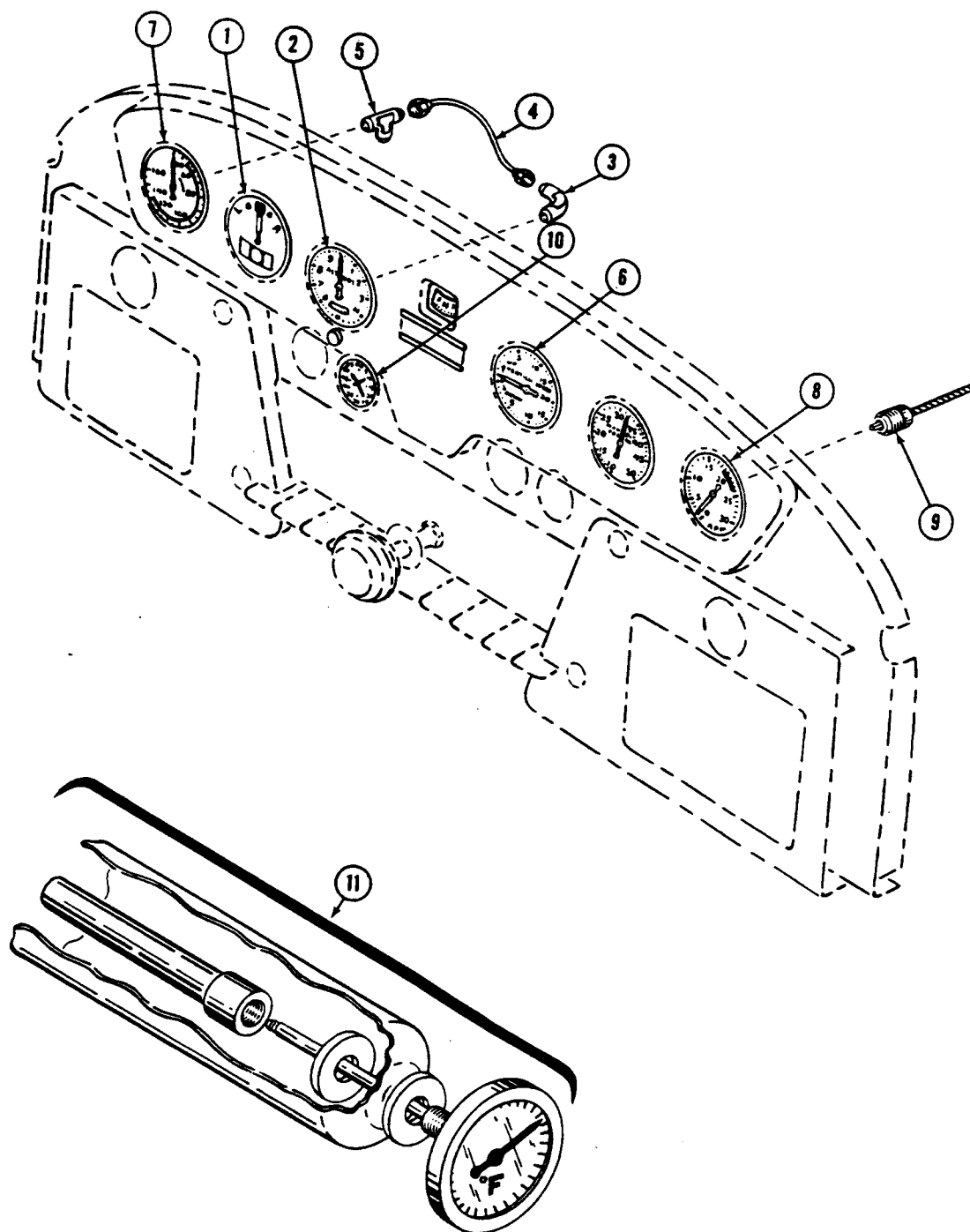


FIGURE 74. OPTIONAL INSTRUMENT COMBINATIONS (SERIALS 20267 THRU 25372)

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
74-	No Number	Turn And Bank Indicator Installation	Ref
-1	0411009-4	. Indicator - Turn and bank	1
	0500005-4	. Wire - (Turn and bank indicator to ground)	1
	0500005-15	. Wire - (Switch to turn and bank indicator)	1
	No Number	Altimeter Installation - Sensitive	Ref
-2	0411007-10	. Altimeter - Sensitive	1
-3	AN822-4D	. Elbow	1
-4	0500106-56	. Static Line - (Sensitive altimeter to airspeed indicator)	1
-5	AN826-4D	. Tee	1
-6	0411069-3	Indicator - Vertical speed	1
-7	0411086-11	Indicator - Airspeed (marked for floatplane)	1
-8	0411087-21	Tachometer - Recording	1
-9	0450017-7	Shaft - Recording tachometer	1
-10	0411010-3	Clock	1
-11	0411078-1	Gage Assembly - Outside air temperature	1
		. Gage - (Not available as separate item)	1
		. Gasket - (Not available as separate item)	2
		. Washer - (Not available as separate item)	1
		. Shield - (Not available as separate item)	1

ILLUSTRATED PARTS CATALOG

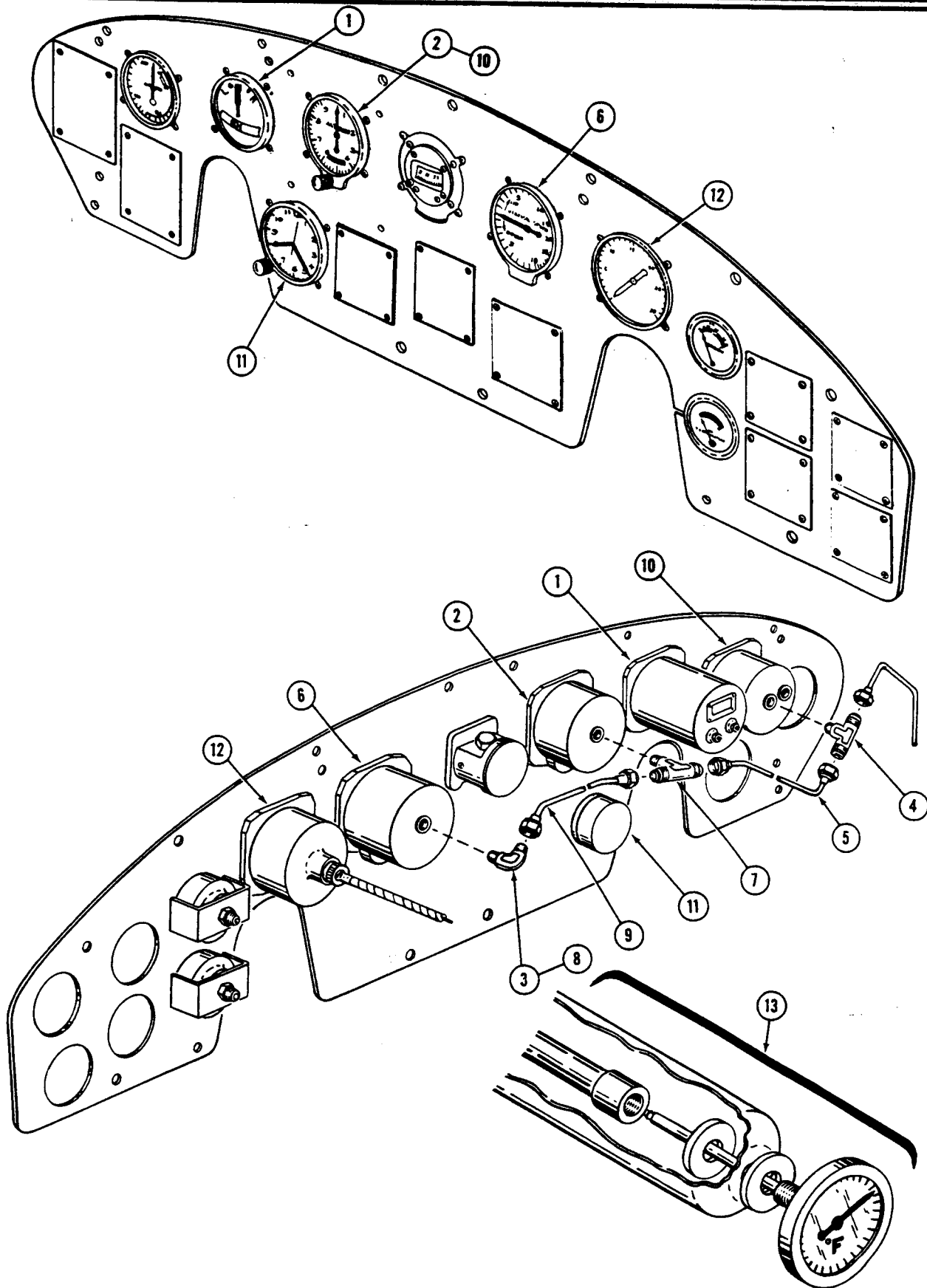


FIGURE 75. OPTIONAL INSTRUMENT COMBINATIONS (SERIALS 25373 AND ON)

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
75-	No Number	Turn and Bank Indicator Installation	Ref
-1	0411009-4	. Indicator - Turn & bank	1
	0500005-4	. Wire - (Ground to turn and bank indicator)	1
	0500005-15	. Wire - (Circuit breaker to turn & bank indicator)	1
	No Number	Altimeter Installation - Sensitive	Ref
-2	0411007-10	. Altimeter - Sensitive	1
-3	AN822-4D	. Elbow - (Used with sensitive altimeter and airspeed indicator)	1
-4	AN825-4D	. Tee	1
-5	0500106-128	. Static Line - (Airspeed indicator to sensitive altimeter)	1
	No Number	Vertical Speed Indicator Installation	Ref
-6	0411069-4	. Indicator - Vertical speed	1
-7	AN825-4D	. Tee	1
-8	AN822-4D	. Elbow	1
-9	0500106-130	. Static Line - (Altimeter to vertical speed indicator)	1
-10	0411086-11	Indicator - Airspeed (marked for floatplane)	1
-11	0411010-3	Clock	1
-12	0411087-21	Tachometer - Recording	1
-13	0411078-1	Gage Assembly - Outside air temperature	1
		. Gage - (Not available as separate item)	1
		. Gasket - Rubber (not available as separate item)	2
		. Washer - (Not available as separate item)	1
		. Shield - (Not available as separate item)	1

ILLUSTRATED PARTS CATALOG

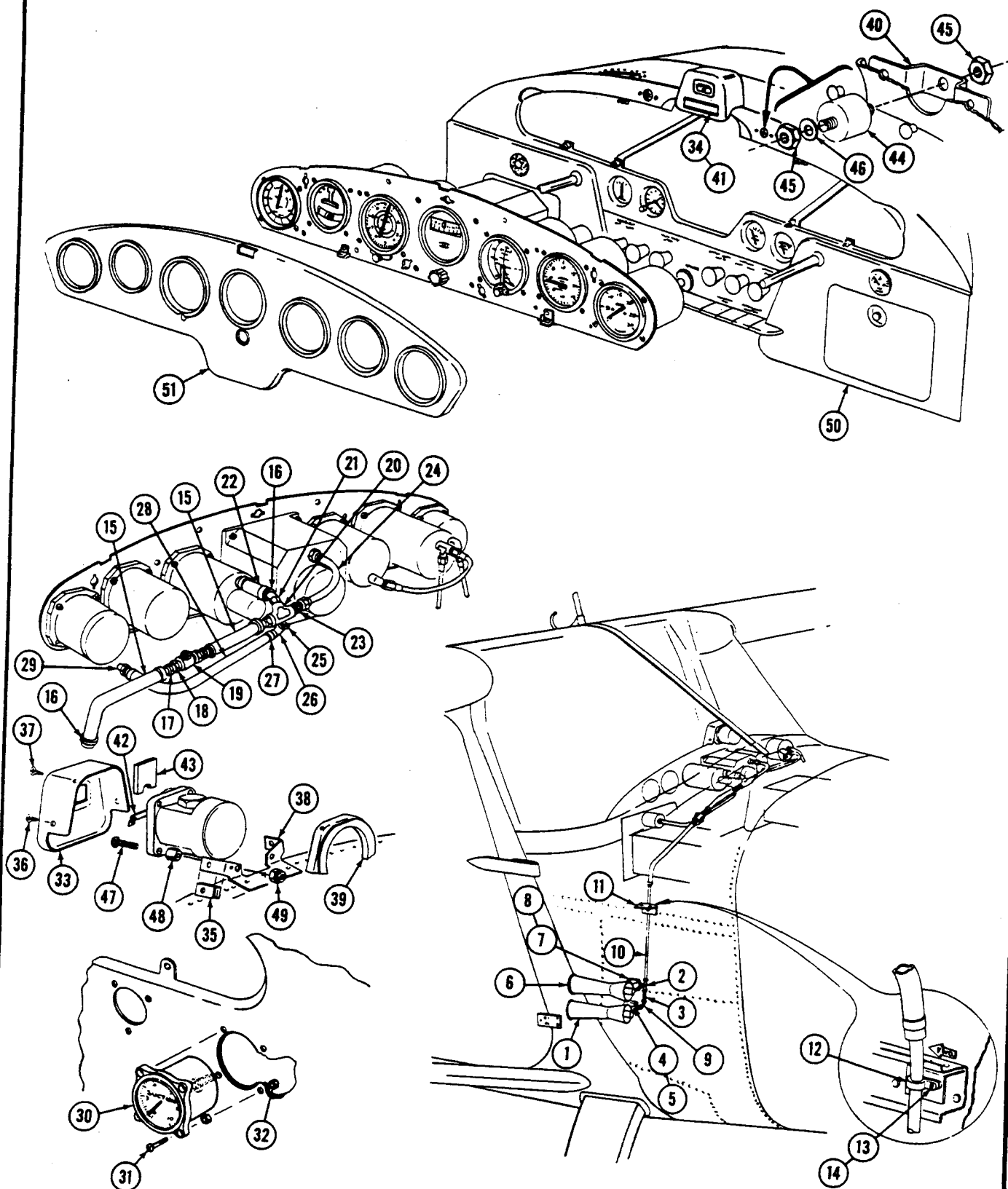


FIGURE 76. GYRO PANEL KIT (SERIALS 20267 THRU 25372)

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
76-	AK7053-14 *	Installation Kit - Additional venturi tube	1
-1	AN5807-1	Tube - Venturi gyro (Sperry No. 21-0102)	1
-2	AN826-6D	Tee	1
-3	0500106-155	Tube - (Elbow to tube)	1
-4	AN526-1032R10	Screw - (Attach venturi tube)	4
-5	AN365-1032	Nut - (Attach venturi tube)	4
	AK70B52-10 **	Installation Kit - Venturi gyro (less gyro instruments)	1
-6	AN5807-1	Tube - Venturi gyro (Sperry No. 21-0102)	1
-7	AN526-1032R10	Screw - (Attach venturi tube)	4
-8	AN365-1032	Nut - (Attach venturi tube)	4
-9	AN822-6D	Elbow	1
-10	0500106-58	Line - (Venturi to engine mount stringer)	1
-11	0311007-3	Bracket	1
-12	A3046-6	Clamp - (Attach line)	1
-13	AN526-832R7	Screw - (Attach clamp)	1
-14	AN365-832	Nut - (Attach clamp)	1
-15	S-51-6-40	Hose	2
-16	NAS397-12	Clamp - (Attach hose) (Tinnerman A3122-12-59)	6
-17	AN840-6D	Adapter	3
-18	AN912-2D	Bushing	2
-19	0511059	Valve - (Pesco No. 3V-195)	1
-20	AN917-2D	Tee	1
-21	AN844-6D	Elbow	3
-22	S-51-6-11	Hose - (Gyro horizon to tee)	1
-23	AN816-6D	Nipple	2
-24	0500106-57	Tube Assembly - (Tee to directional gyro)	1
-25	AN912-1D	Bushing	1
-26	AN844-4D	Elbow	1
-27	NAS397-10	Clamp - (Tinnerman A3122-10-59)	2
-28	S-51-4-56	Hose - (Instrument to suction gage)	1
-29	AN840-4D	Adapter	1
-30	0311057-1	Gage - Suction	1
-31	AN505-8R14	Screw - (Attach suction gage)	4
-32	AN365-832	Nut - (Attach suction gage)	4
	0511010-50	Cover Assembly - Compass	1
-33	0511010-8	Cover - Compass front	1
-34	0513020	Retainer - Compass card	1
-35	NAS395-3-3	Nut - (Tinnerman A6052-6Z-3)	2
-36	PK76XZ-6-8	Screw - (Attach compass cover to bracket)	2
-37	PK76XZ-4-5	Screw	2
-38	0511010-6	Bracket	1
-39	0511010-12	Shield - Compass aft	1
-40	0511010-4	Bracket - Shock mount	2
-41	0513012	Card - Compass	1
-42	0511010-15	Bracket - Light conductor	1
-43	0511021	Conductor - Light	1
-44	0411059-1	Mount - Shock	2
-45	AN340B8	Nut - (Attach shock mount)	4
-46	AN936A8	Washer - (Attach shock mount)	4
-47	AN515B6-16	Screw - (Attach compass)	2
-48	NAS43DD-1-32	Spacer - (Attach compass)	2
-49	AN365B632	Nut - (Attach compass)	2
-50	0513114-5	Panel Assembly - R. H.	1
-51	0513026	Cover Assembly - Shock mounted panel	1

**Kit No. AK70B52-10 is a single venturi installation.

*Kit No. AK7053-14 is for additional venturi tube.

Order both kits for double venturi installation.

ILLUSTRATED PARTS CATALOG

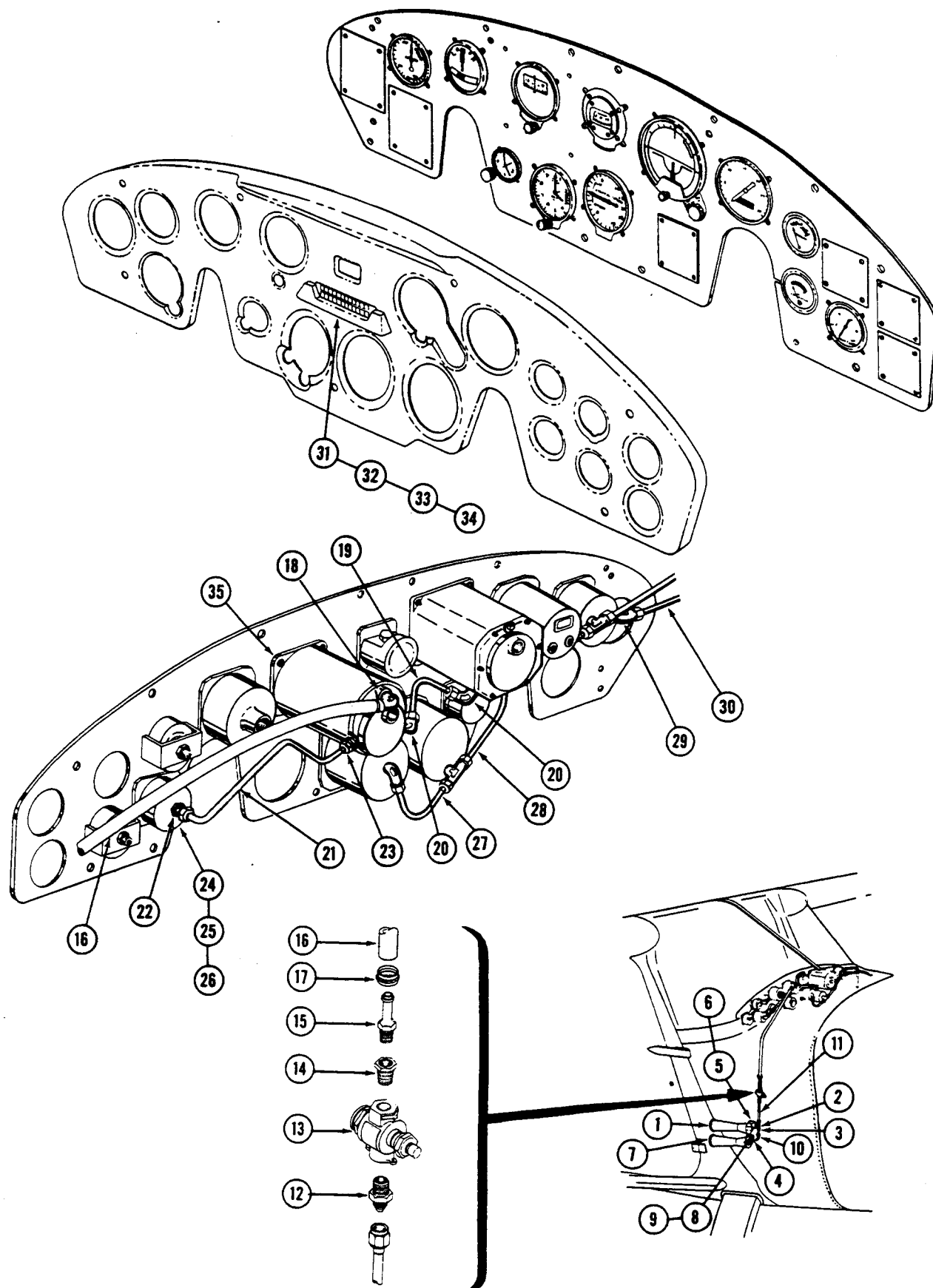


FIGURE 77 GYRO PANEL KIT (SERIALS 25373 AND ON)

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
77-	AK7053-14*	Installation Kit - Additional venturi tube	1
-1	AN5807-1	Tube - Venturi (Sperry part no. 21-0102)	1
-2	AN825-6D	Tee	1
-3	0500106-155	Tube - (Elbow to tee)	1
-4	0511010-17	Stiffener - Mounting	1
-5	AN526-1032R10	Screw - (Attach venturi tube)	4
-6	AN365-1032	Nut - (Attach venturi tube)	4
	AK7053-7 **	Installation Kit - Venturi gyro (less gyro instruments)	1
-7	AN5807-1	Tube - Venturi (Sperry no. 21-0102)	2
-8	AN526-1032R10	Screw - (Attach venturi tube)	4
-9	AN365-1032	Nut - (Attach venturi tube)	4
-10	AN822-6D	Elbow	1
-11	0500106-148	Line - Venturi tube to relief valve	1
-12	AN816-6-6D	Nipple - (Attach line at valve)	1
-13	0511059	Valve - Relief	1
-14	AN912-2D	Bushing - (Attach line to valve)	1
-15	AN840-6D	Adapter - (Attach line to valve)	1
-16	S-51-6-84	Hose - (Valve to gyro horizon)	1
-17	NAS397-12-59	Clamp - (Tinnerman A3122-12-59)	2
-18	AN844-6D	Elbow	1
-19	0500106-146	Line - (Directional gyro to gyro horizon)	1
-20	AN822-6D	Elbow	2
-21	0500106-124	Line - (Gyro horizon to suction gage)	1
-22	AN822-4D	Nipple	1
-23	AN822-4-4D	Nipple	1
-24	0311057-2	Gage - Suction	1
-25	AN515B6R	Screw - (Attach suction gage)	4
-26	AN365B632	Nut - (Attach suction gage)	4
-27	0500106-146	Line - Static (altimeter to vertical speed indicator)	1
-28	0500106-123	Line - Static (airspeed to sensitive altimeter)	1
-29	AN823-4D	Elbow	1
-30	0500106-125	Line - Static	1
	0513004-26	Cover Assembly - Shock panel	1
-31	0713028-2	Card - Compass	1
-32	0713028-3	Cover - Compass card	1
-33	0713028-1	Retainer - Compass card	1
-34	AN526-632R4	Screw - (Attach retainer)	2
-35	AN526-1032R16	Screw - (Attach gyro instruments)	7

**Kit No. AK7053-7 is a single venturi installation.

*Kit No. AK7053-14 is for additional venturi tube.

Order both kits for double venturi installation.

ILLUSTRATED PARTS CATALOG

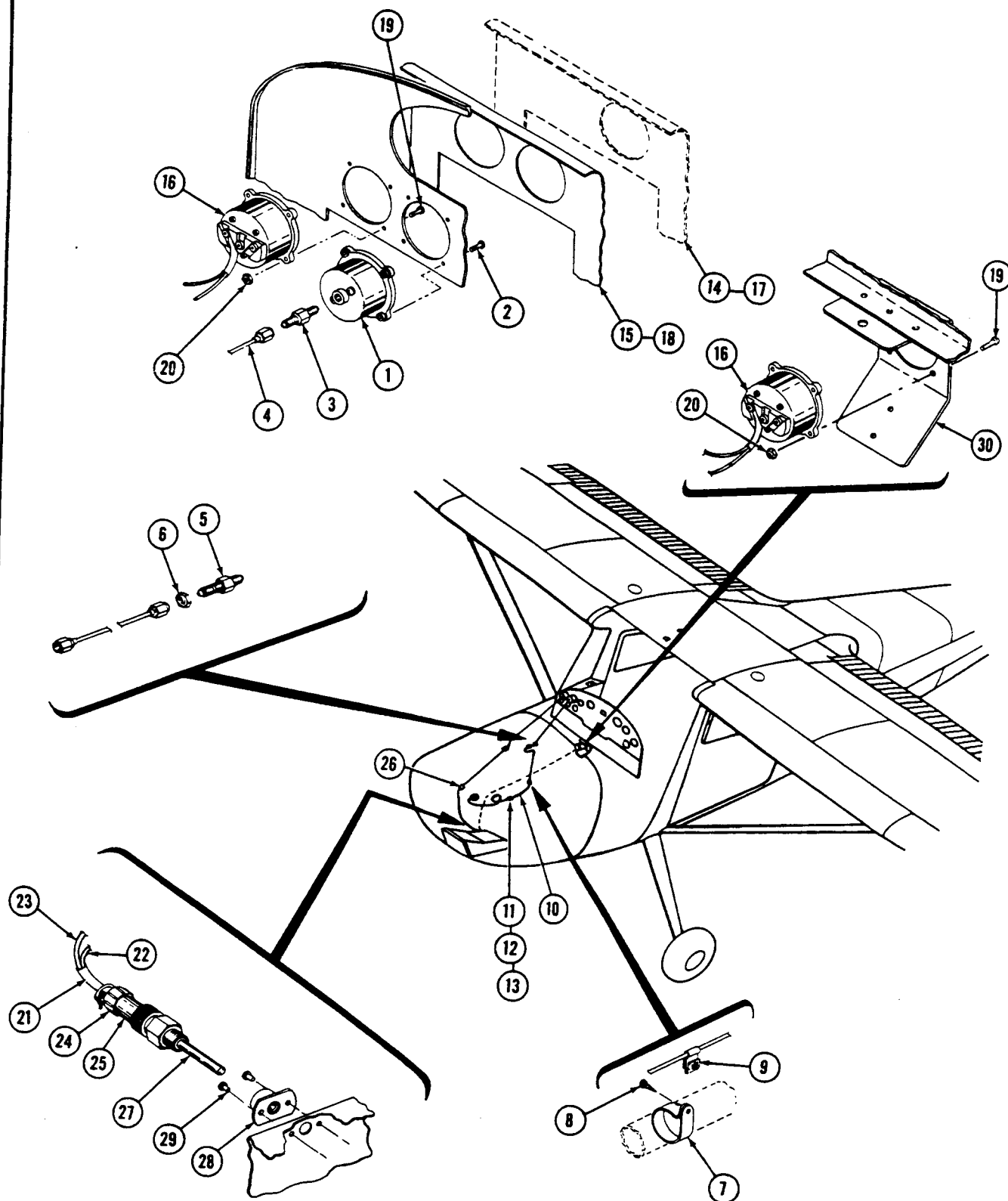


FIGURE 78. - MANIFOLD PRESSURE AND CARBURETOR AIR TEMPERATURE GAGE (SERIALS 20267 THRU 25372)

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
78-	52-3-892	Installation Kit - Manifold pressure gage (serial 20267 thru 25372)	1
-1	0413319-3	Gage - Manifold pressure	1
-2	AN515B6R	Screw - (Attach gage)	4
-3	AN816-2D	Adapter	1
-4	0500106-34	Line - (Gage to firewall)	1
-5	AN832-2D	Coupling	1
-6	AN924-2D	Nut	1
-7	AN742D2	Clamp - (Tinnerman)	1
-8	PK76XZ-8-6	Screw - (Attach clamp)	1
-9	NAS446-4	Nut - (Tinnerman A1778-8Z-3)	1
-10	0500106-33	Line - (Firewall to adapter)	1
-11	AN742D20	Clamp - (Tinnerman A2980A-20)	1
-12	NAS434D2	Clamp - (Tinnerman A2981A-2)	1
-13	PK76XZ-8-6	Screw - (Attach clamp)	1
-14	0513114-5	Cover Assembly - Instrument panel (1 hole)	1
-15	0513114-6	Cover Assembly - Instrument panel (2 holes) (alternate for 0513114-5)	1
	52-3-894	Installation Kit - Carburetor air temperature (serial 20267 thru 25372)	1
-16	0311020-8	Gage - Carburetor air temperature	1
-17	0513114-5	Cover Assembly - Instrument panel (1 hole)	1
-18	0513114-6	Cover Assembly - Instrument panel (2 holes) (alternate for 0513114-5)	1
-19	AN515-6R14	Screw - (Attach gage)	4
-20	AN365-632	Nut - (Attach gage)	4
-21	0511055-3	Wire Assembly - Carburetor air temperature	1
-22	0500005-142	Wire	1
-23	0500005-143	Wire	1
-24	AN3108-12S-3S	Plug	1
-25	AN3057-4	Adapter	1
-26	NAS437-3C-1	Band - (United Carr #49166-1)	2
-27	AN5525-1	Bulb	1
-28	0411849	Nut	1
-29	AN470-AD5	Rivets - (Attach nut)	2
-30	0511055-2	Bracket - Instrument mounting	1

* NOTE:

When ordering kits state which cover panel is desired
(0513114-5 or 0513114-6)

ILLUSTRATED PARTS CATALOG

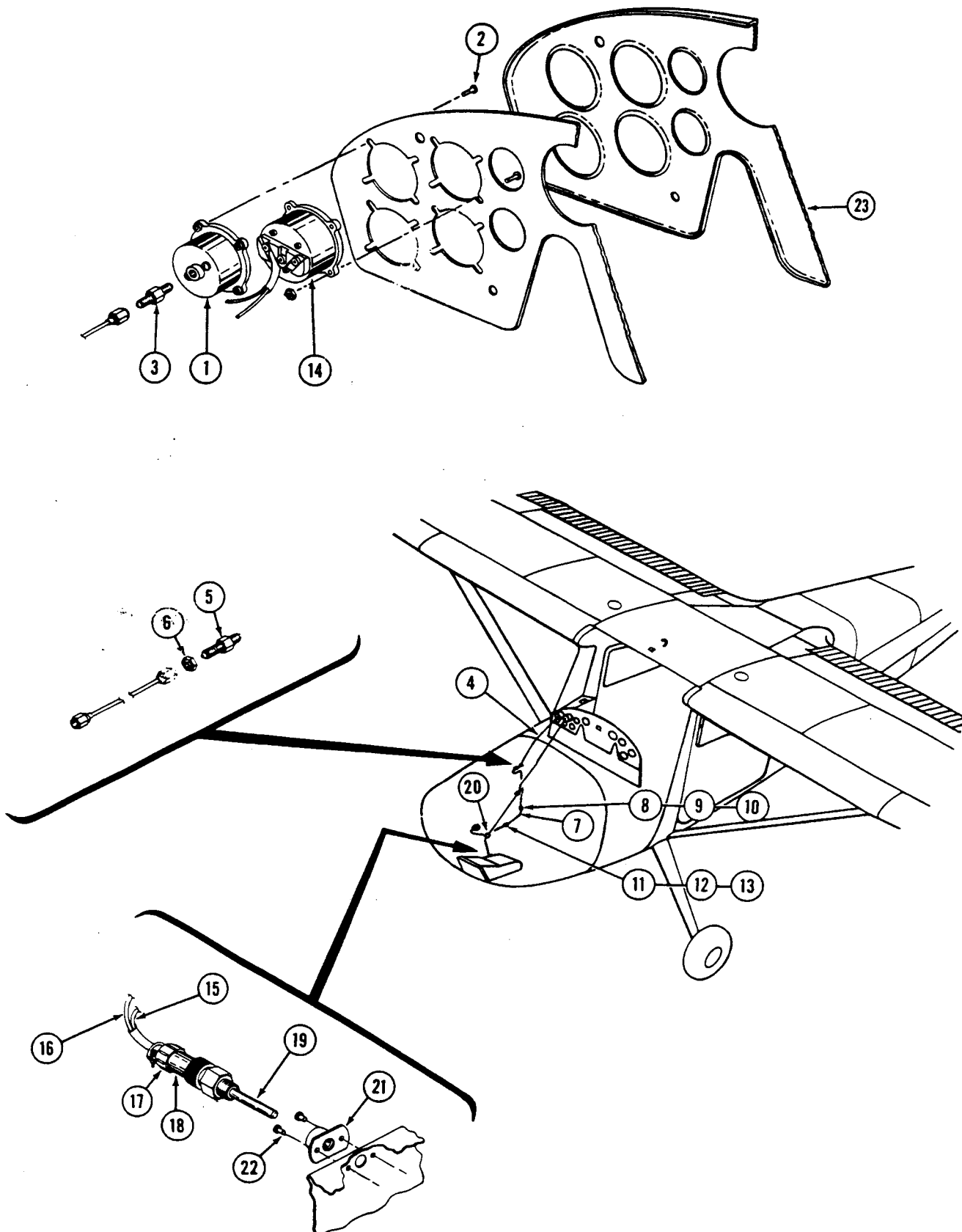


FIGURE 79. MANIFOLD PRESSURE AND CARBURETOR AIR TEMPERATURE GAGE (SERIALS 25373 AND ON)

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
79-	AK7053-5	Installation Kit - Manifold pressure gage (serial 25373 & on)	1
-1	0413319-3	. Gage- Manifold pressure	1
-2	AN515B6R	. Screw - (Attach gage)	4
-3	AN816-2D	. Adapter	1
-4	0500106-34	. Line - (Gage to firewall)	1
-5	AN832-2D	. Coupling	1
-6	AN924-2D	. Nut	1
-7	0500106-33	. Line	1
-8	NAS742D2	. Clamp - (Tinnerman A2980A-2)	1
-9	PK76XZ-8-6	. Screw - (Attach clamp)	1
-10	NAS446-4	. Nut - (Attach clamp) (Tinnerman A1778-8Z-3)	1
-11	NAS742D20	. Clamp - (Attach line) ((Tinnerman A2980A-20)	1
-12	NAS434-D2	. Clamp - (Attach line) (Tinnerman A2981A-2)	1
-13	PK76XZ-8-6	. Screw - (Attach clamp)	1
	AK7053-6	Installation Kit - Carburetor air temperature gage (serial 25373 & on)	1
-14	0311020-8	. Gage - Carburetor air temperature	1
	0511055-3	. Wire Assembly - Carburetor air temperature gage	1
-15	0500005-142	. Wire	1
-16	0500005-143	. Wire	1
-17	AN3108-12S-3S	. Plug	1
-18	AN3057-4	. Adapter	1
-19	0311002-7	. Bulb	1
-20	NAS437-3C-1	. Band - (United Carr #49166-1)	2
-21	0411849	. Nut	1
-22	AN470-AD4	. Rivets-(Attach nut)	2
-23	0513004-26	Cover Assembly - Shock panel.	1

ILLUSTRATED PARTS CATALOG

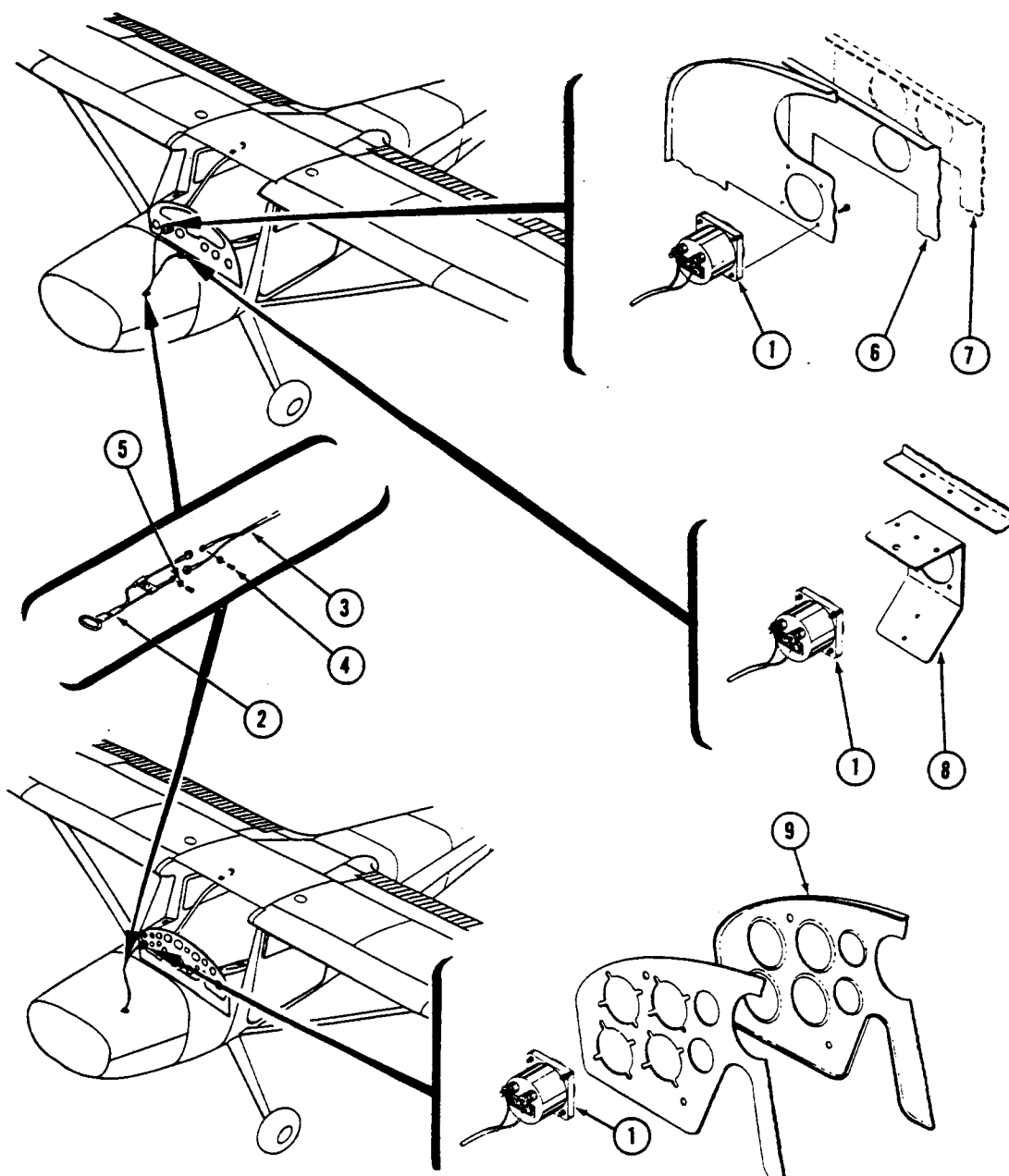


FIGURE 80. CYLINDER HEAD TEMPERATURE GAGE

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
80-	52-3-889	Kit - Cylinder head temperature gage	1
-1	0511068	. Gage - Cylinder head temperature	1
-2	0311018-9	. Thermocouple	1
-3	0311018-10	. Lead - Thermocouple	1
-4	AN515B6-5	. Screw - (Attach thermocouple to lead)	1
-5	AN936A6B	. Washer - (Attach thermocouple to lead)	2
-6	0513114-5	* Cover Assembly - Instrument panel (1 hole)	2
-7	0513114-6	* Cover Assembly - Instrument panel (2 holes) (alternate)	1
-8	0511055-2	* Bracket - Mounting (alternate instrument location)	1
-9	0513004-26	Cover Assembly - Shock panel (Serials 25373 & on)	1

NOTE: Items marked (*) applies to serials 20267 thru 25372)

ILLUSTRATED PARTS CATALOG

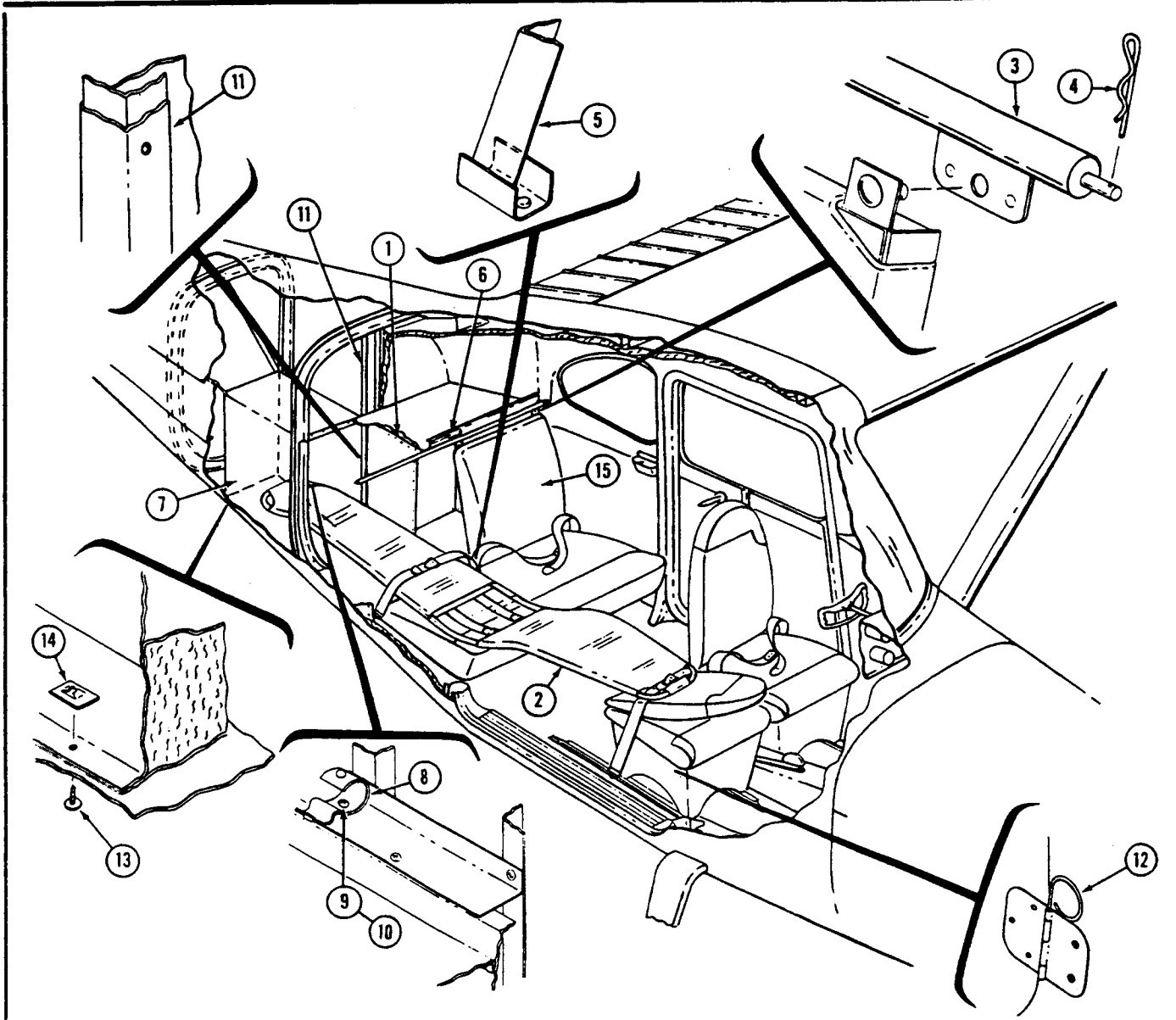


FIGURE 81. PORTABLE STRETCHER INSTALLATION

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
	AK70B52-6	Installation Kit - Portable stretcher (serials 20267 thru 25876)	1
81-1	0700100-2	Baggage Wall - Rear	1
	AK7053-13	Installation Kit - Portable stretcher (serials 25877 & on)	1
-2	100	Stretcher - Gran portable	1
-3	0511170	Support Assembly - Stretcher	1
-4	AN415A	Pin	1
-5	0511131-10	Clip - Seat back	2
-6	0511171	Placard - Baggage compartment	1
-7	0511003-17	Bag Assembly - Stretcher wall	1
-8	0511003-10	Strap - Tiedown	1
-9	PK76XZ-4-6	Screw	1
-10	NAS446-1	Nut - (Tinnerman A1776-4Z-3)	1
-11	0511003-16	Angle - Bag retaining	1
-12	0511003-12	Pin - Hinge (removable)	2
-13	PK76XZ-4-6	Screw - (Attach bag assembly)	26
-14	NAS446-1	Nut - (Attach bag assembly) (Tinnerman A1776-4Z-3)	26
-15	0511131	Back Assembly - Rear seat	1

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

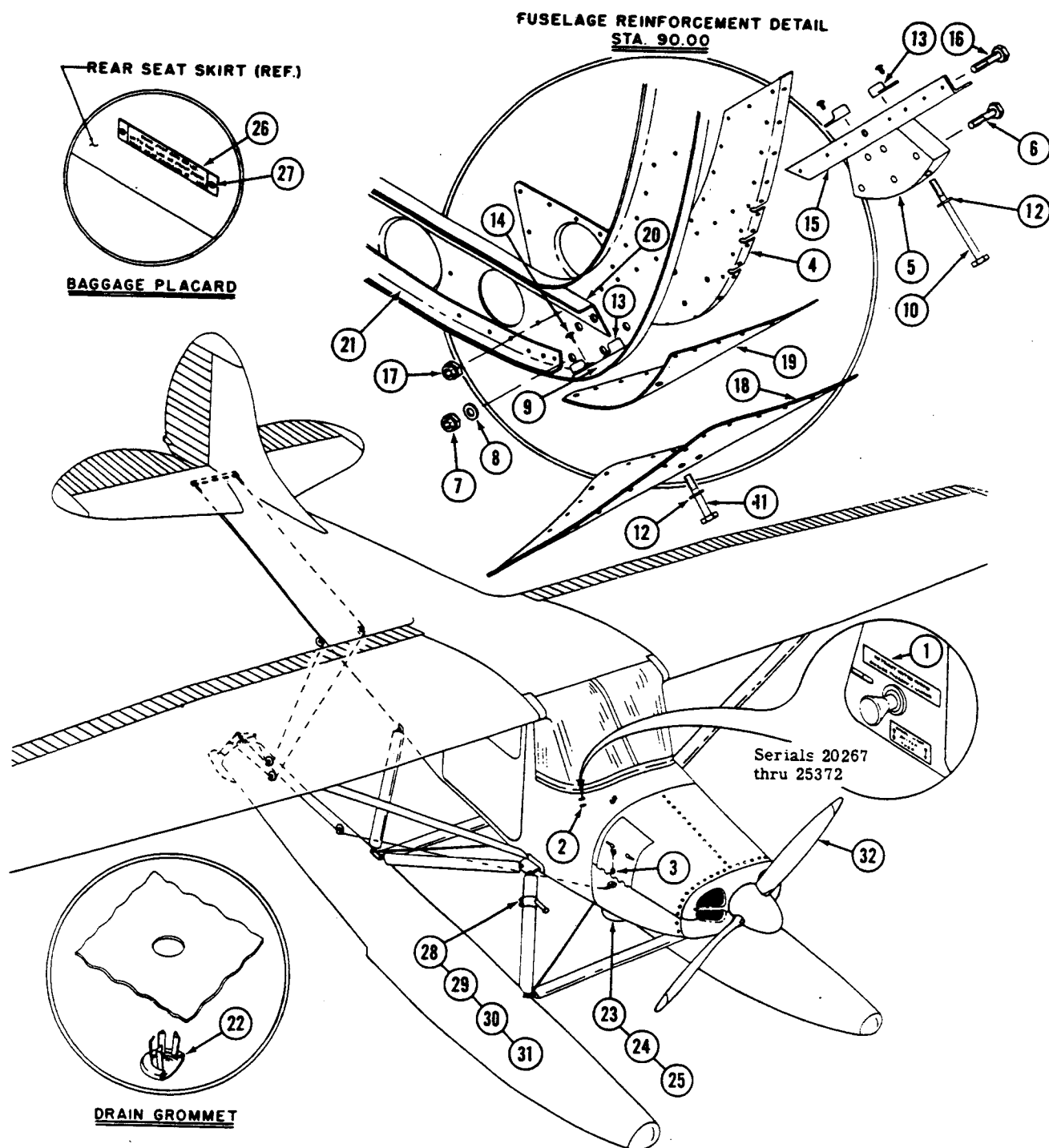


FIGURE 82. FLOATPLANE FITTINGS

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
82-	AK70B53-3	Installation Kit - Floatplane fittings (Cessna 0541125)	Ref
-1	0341007	. Decal - Water rudder retract	1
-2	0541125-10	. Decal	1
-3	0412006	. Fairlead	1
-4	0541132	. Reinforcement - Bulkhead left	1
	0541132-1	. Reinforcement - Bulkhead right	1
-5	0541129	. Block - Strut attachment aft	2
-6	AN4-12A	. Bolt - (Attach block)	10
-7	AN365-428	. Nut - (Attach block)	10
-8	AN960-416	. Washer - (Attach block)	10
-9	0541128	. Block - Strut attachment forward	2
-10	AN5-32A	. Bolt - (Attach block)	4
-11	AN5-13A	. Bolt - (Attach block)	4
-12	AN960-516	. Washer - (Attach block)	8
-13	22A17-054	. Nutplate - (Esna)	8
-14	PK76XZ-8-4	. Screw - (Attach nutplates)	8
-15	0541131	. Angle - Left reinforcement	1
	0541131-1	. Angle - Right reinforcement	1
-16	AN3-4A	. Bolt - (Attach angle)	2
-17	AN365-1032	. Nut - (Attach angle)	2
-18	0341118	. Doubler	2
-19	0541126	. Spacer - Skin lap	2
-20	0541130	. Angle	1
-21	0541127	. Angle	1
-22	0422342	. Grommet	21
-23	0552001-60	. Lip - Cowl	1
-24	AN515-8R5	. Screw - (Attach lip)	14
-25	AN365-832	. Nut - (Attach cowl lip)	14
-26	0541134	. Placard	1
-27	PK76XZ-4-6	. Screw - (Attach placard)	2
-28	0541137	Step Assembly	2
-29	AN3-4A	. Bolt - (Attach step)	4
-30	AN960-10	. Washer - (Attach step)	4
-31	AN365-1032	. Nut - (Attach step)	4
-32	0411098-10	Propeller - Fixed pitch metal (seaplane climb) (see figure 84)	Ref
	0411098-11	Propeller - Fixed pitch metal (seaplane cruise) (see figure 84)	Ref
	0411086-11	Indicator - Airspeed (marked for floatplane) (see figure 74 & 75)	Ref
	AK7053-15	Installation Kit - Stainless steel cables	1
	0510105-101	. Cable - Rudder control	2
	0510105-104	. Cable - Elevator control lower	1
	0510105-115	. Cable - Elevator control upper	1
	0510105-107	. Cable - Tab control (forward to disconnect)	1
	0510105-108	. Cable - Tab control (aft to turnbuckle)	1
	0510105-109	. Cable - Tab control (forward to turnbuckle)	1
	0510105-110	. Cable - Tab control (aft to disconnect)	1
	0510105-116	. Cable - Aileron control (control tee to bellcrank)	2
	0510105-113	. Cable - Aileron carry thru control	1
	0510105-117	. Cable - Flap direct L. H.	1
	0510105-118	. Cable - Flap direct R. H.	1
	0510105-119	. Cable - Flap return L. H.	1
	0510105-120	. Cable - Flap return R. H.	1
	0510105-121	. Cable - Flap return forward	1
	0510105-122	. Cable - Flap direct forward	1

ILLUSTRATED PARTS CATALOG

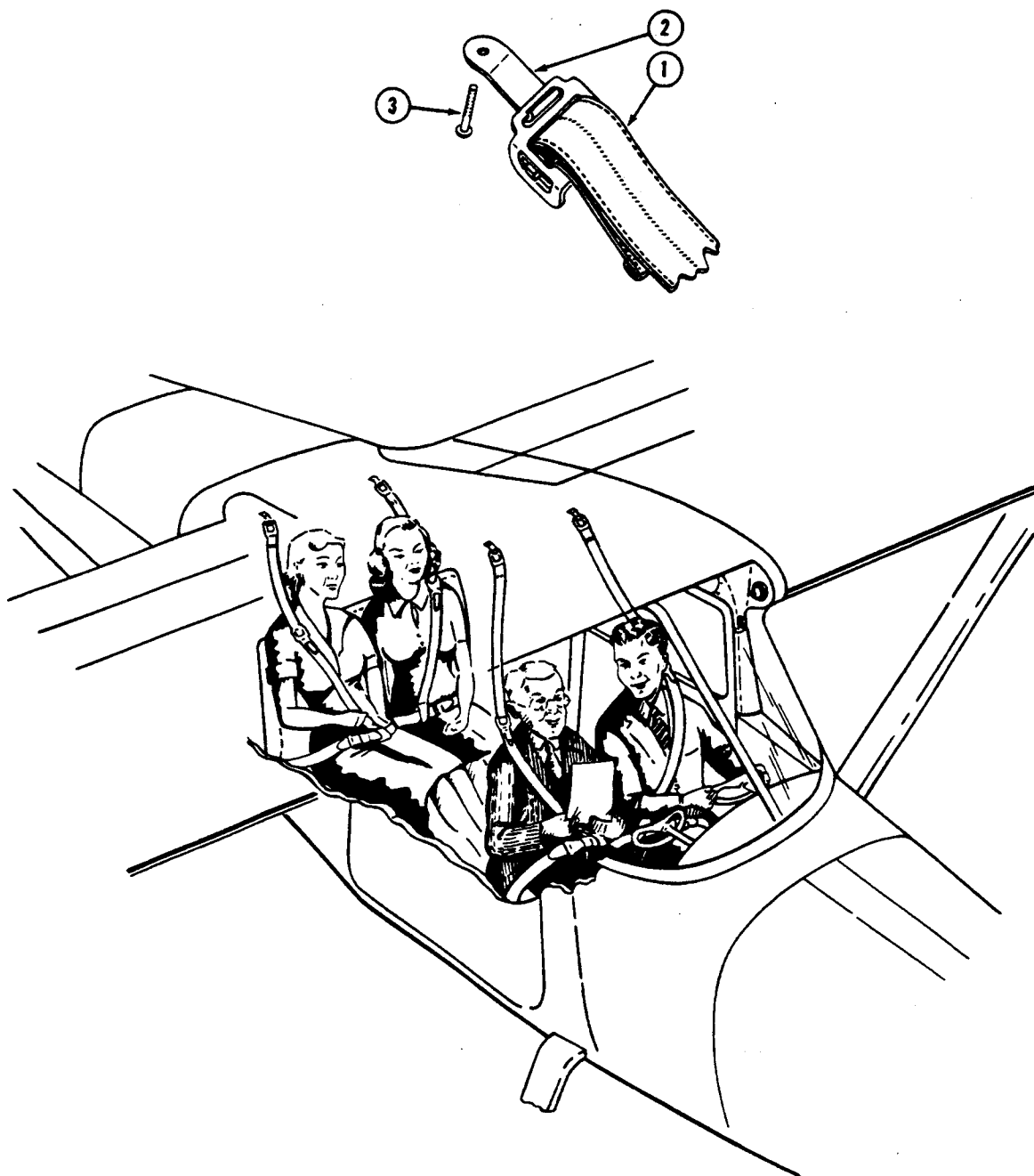


FIGURE 83. SHOULDER HARNESS INSTALLATION

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
83-	52-3-912	Installation Kit - Shoulder harness	
-1	0511233	. Harness - Shoulder	4
-2	0511232-3	. Hook - Shoulder harness	1
-3	NAS229-10	. Screw	1

ORDER BY PART NUMBER AND NAME SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

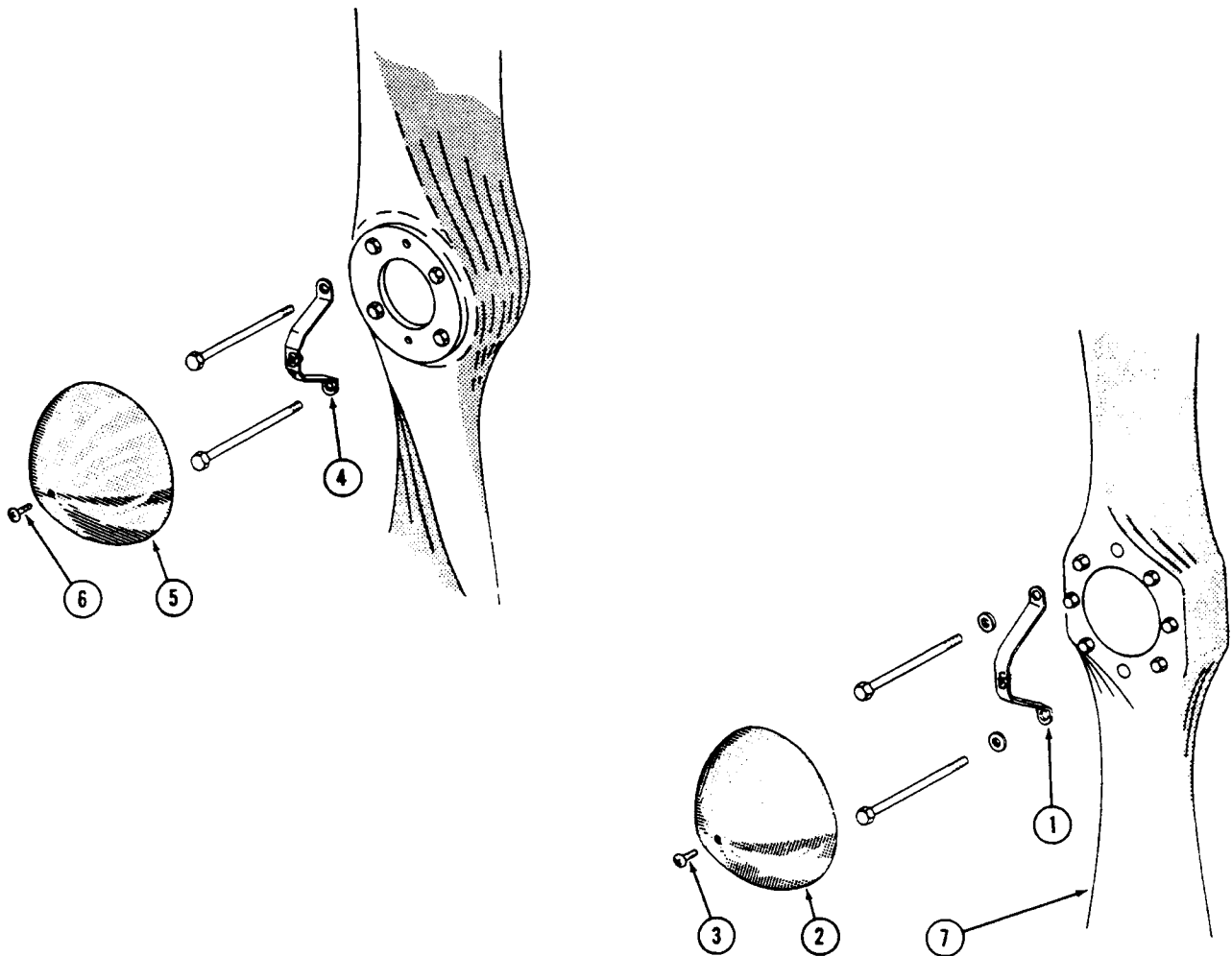


FIGURE 84. OPTIONAL PROPELLER INSTALLATION

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
84-	52-3-800	Installation Kit - Metal propeller spinner installation (Serials 20267 thru 25372)	1
-1	0550147	. Bracket - (Spinner support)	1
-2	0550101-3	. Spinner - Propeller	1
-3	AN526-832R10	. Screw - (Attach spinner)	1
	52-3-801	Installation Kit - Wood propeller spinner (serials 20267 thru 25372)	1
-4	0550147	. Bracket - (Spinner support)	1
-5	0550102-3	. Spinner - Wood propeller	1
-6	AN526-8R12	. Screw - (Attach spinner)	1
-7	0411098-6	Propeller - Fixed pitch metal (maximum cruising)	1
	0411098-8	Propeller - Fixed pitch metal (maximum take-off)	1
	0411098-10	Propeller - Fixed pitch metal (seaplane climb)	1
	0411098-11	Propeller - Fixed pitch metal (seaplane cruise)	1

ORDER BY PART NUMBER AND NAME SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

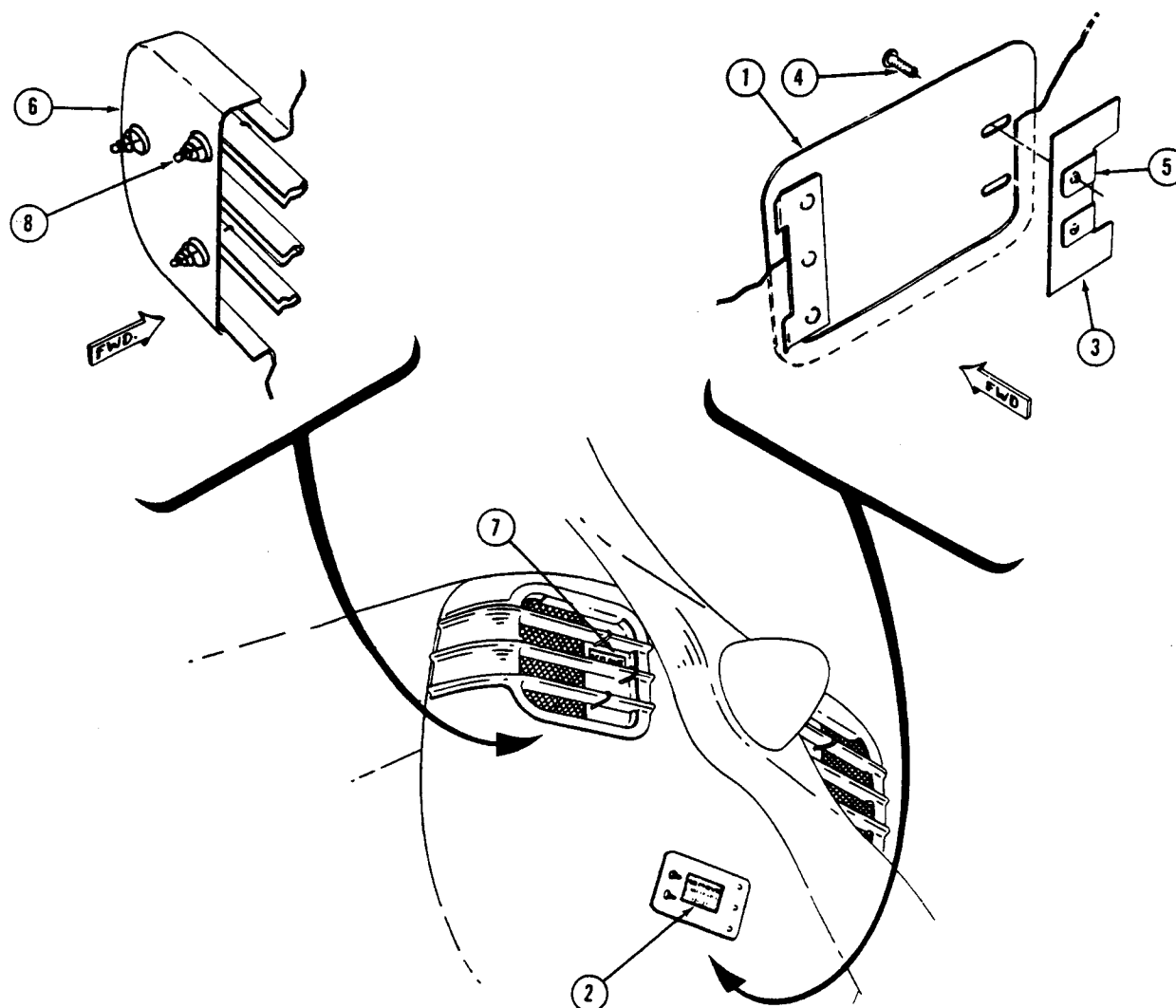


FIGURE 85. - WINTERIZATION KIT (SERIALS 20267 THRU 25372)

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
85-	52-3-828	Installation Kit - Winterization equipment (Serials 20267 thru 25372)	1
-1	0552104	Plug Assembly - Nose cowl vent	1
-2	0552103	Decal	1
-3	0552104-5	Plate- Retainer	1
-4	PK76XZ-8-6	Screw	1
-5	NAS395-14-3	Nut - (Tinnerman A1274-8 -3)	2
-6	0552101	Cover Assembly - Cowl grill winterization	2
-7	0552102	Decal	2
-8	0452166	Fastener - Grill winterization cover	1
			6

ORDER BY PART NUMBER AND NAME SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

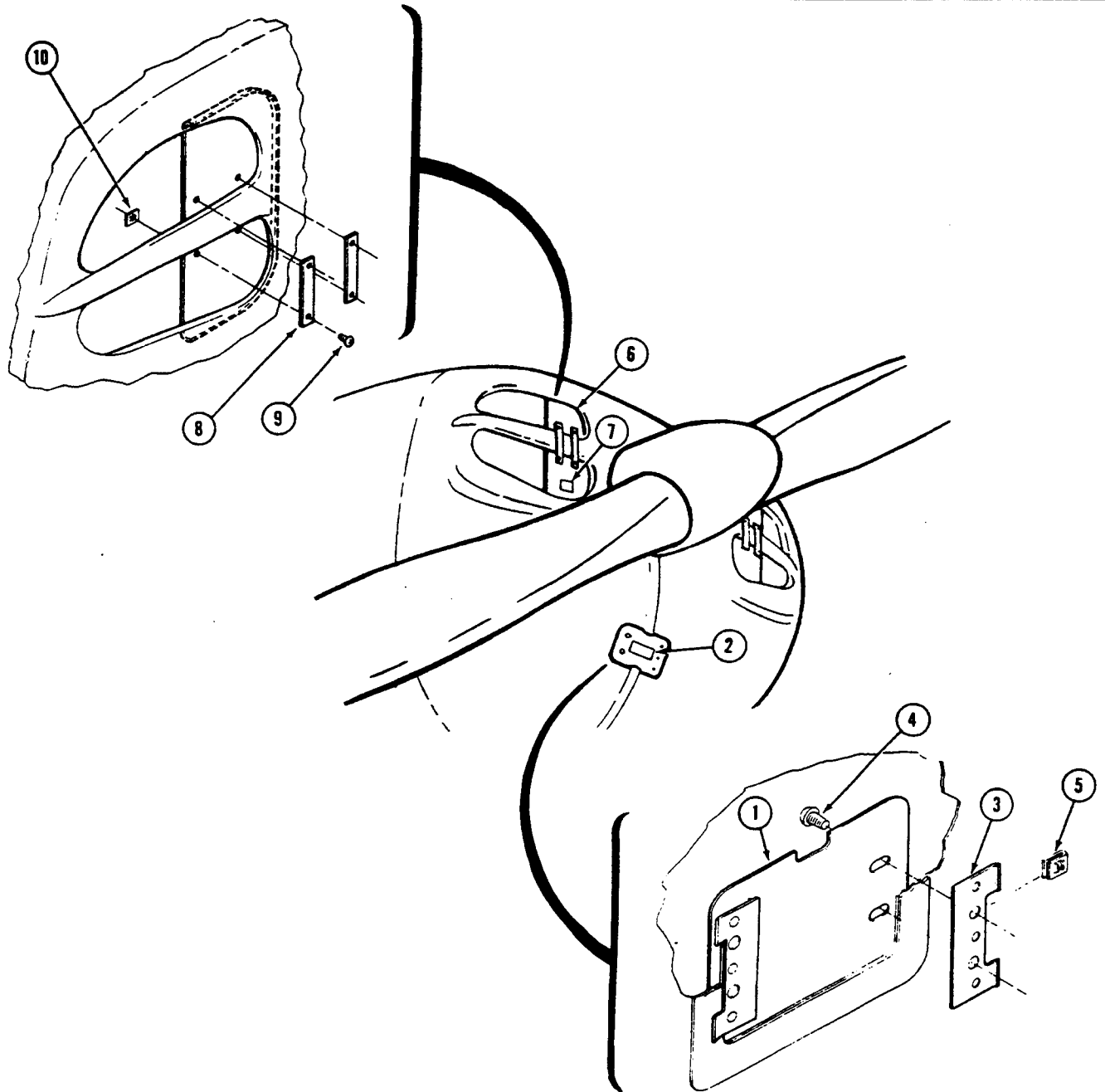


FIGURE 86. WINTERIZATION KIT (SERIALS 25373 AND ON)

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
86-	AK70B53-1	Installation Kit - Winterization equipment (Serial 25373 & on)	
-1	0552104	Plug Assembly - Nose cowl vent	1
-2	0552103	Decal	1
-3	0552104-5	Plate - Retainer	1
-4	PK76XZ-8-6	Screw	2
-5	NAS395-14-3	Nut - (Tinnerman A1274-8Z-3)	2
-6	0552106-3	Cover Assembly - Cowl grill winterization	2
-7	0552102	Decal	1
-8	0552106-2	Strap - (Attach cover)	4
-9	PK76XZ-6-6	Screw - (Attach cover)	8
-10	NAS446-2	Nut - (Tinnerman A1181-6Z-3)	8

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

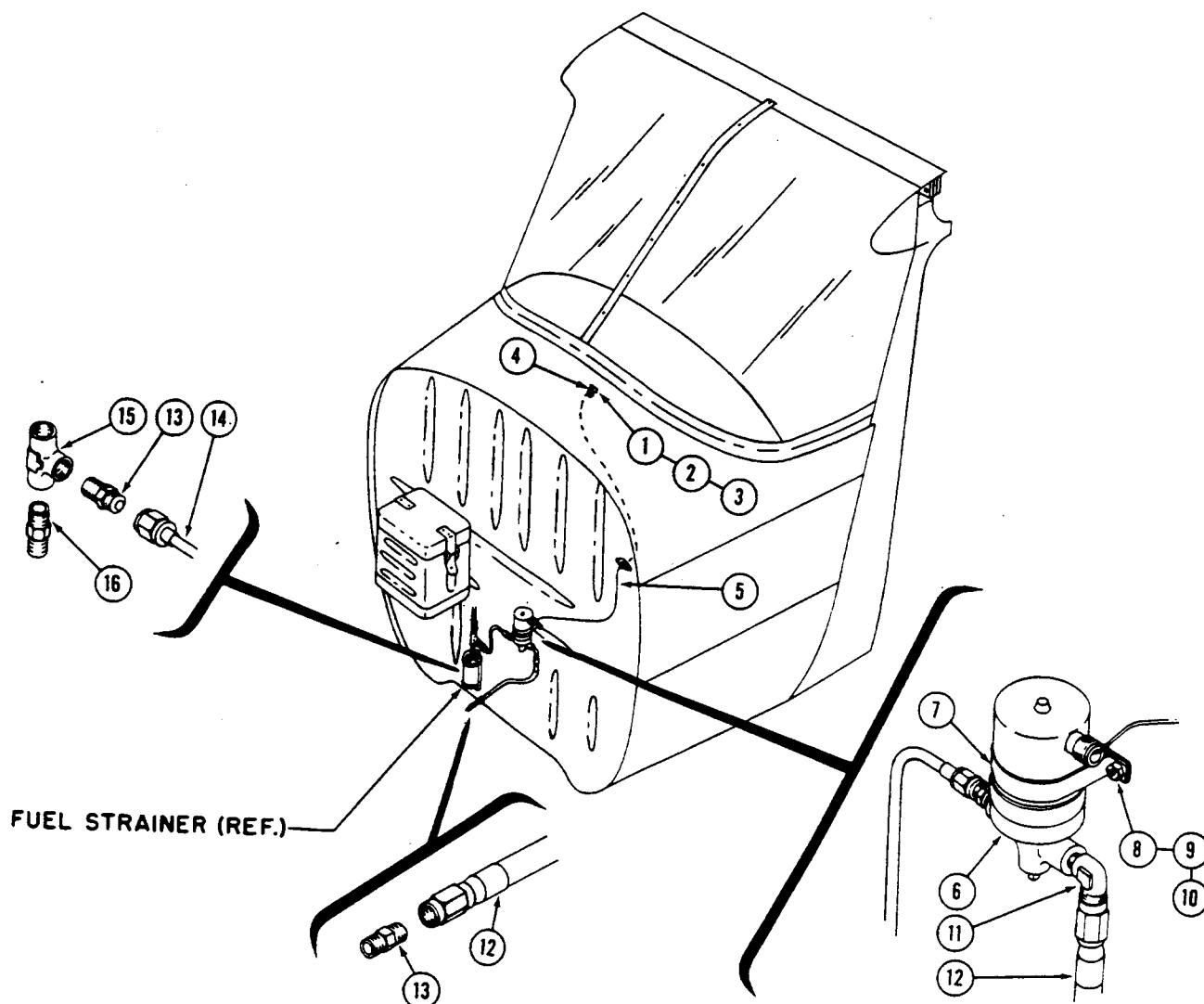


FIGURE 87. OIL DILUTION SYSTEM

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
87-	52-3-872	Installation Kit - Oil dilution system	
-1	0550152-1	Decal - Oil dilution	1
-2	0511063	Switch - Oil dilution	1
-3	0511063-2	Nut	1
-4	0500005-39	Wire - (Switch to fuse)	1
-5	0500005-40	Wire - (Switch to solenoid valve)	1
-6	AN4078-1	Valve - Solenoid	1
-7	AN742-D32	Clamp - (Attach valve) (Tinnerman A2980A-32)	1
-8	AN3-5A	Bolt - (Attach clamp)	2
-9	AN365-1032	Nut - (Attach clamp)	2
-10	AN960-10L	Washer - (Attach clamp)	2
-11	AN822-4D	Elbow - (Valve to hose)	2
-12	AN6271-4D-10	Hose Assembly - (Valve to engine oil sump)	1
-13	AN816-4D	Nipple	1
-14	0500106-74	Fuel Line - (Valve to tee)	2
-15	AN917-1D	Tee - (Fuel strainer to fuel line)	1
-16	AN911-1D	Nipple - (Tee to fuel strainer)	1

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

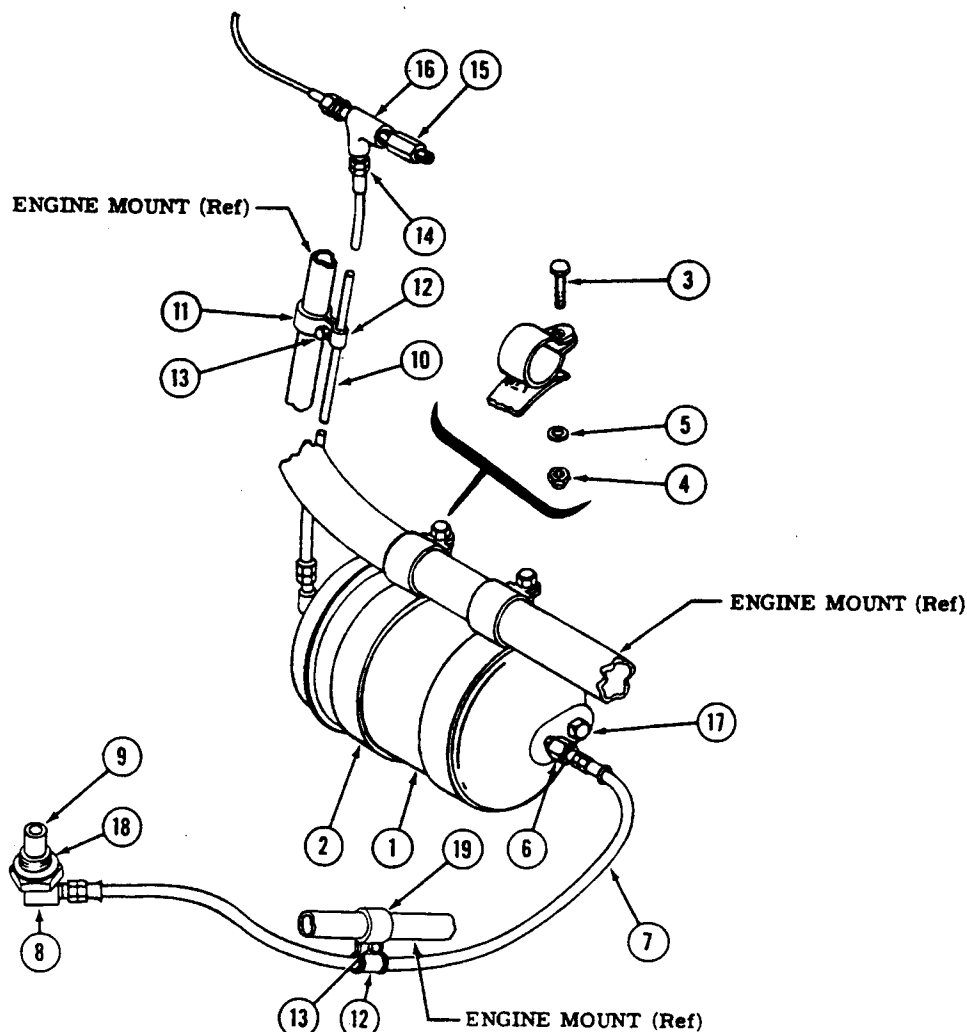


FIGURE 88. OIL FILTER INSTALLATION

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
88-	AK7053-2	Installation Kit - Oil filter (Cessna 0550150)	1
-1	0550150-7	Filter - Oil (Fram # PB5)	1
-2	0550150-8	Clamp Assembly - (Attach filter)	2
-3	AN4-8A	Bolt - (Attach clamp)	2
-4	AN365-428	Nut - (Attach clamp)	2
-5	AN960-416	Washer - (Attach clamp)	2
-6	0550150-9	Connector - (Filter to hose)	1
-7	0550150-10	Hose - (Filter to elbow)	1
-8	0550150-6	Elbow	1
-9	0550150-11	Adapter - Plug (engine oil sump to elbow)	2
-10	0550150-5	Hose - Oil inlet	1
-11	NAS434-16D	Clamp - (Hose support)	1
-12	MS21919-6	Clamp - (Hose support)	1
-13	PK76XZ-10-8	Screw - (Attach clamp)	2
-14	0550150-4	Restrictor - (.059 orifice)	2
-15	0550150-2	Extension	1
-16	0550150-3	Tee	1
-17	0550150-13	Plug - Pipe	1
-18	0550150-14	Gasket	1
-19	A2981A-10-27	Clamp - Tinnerman (hose support)	1

ORDER BY PART NUMBER AND NAME SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

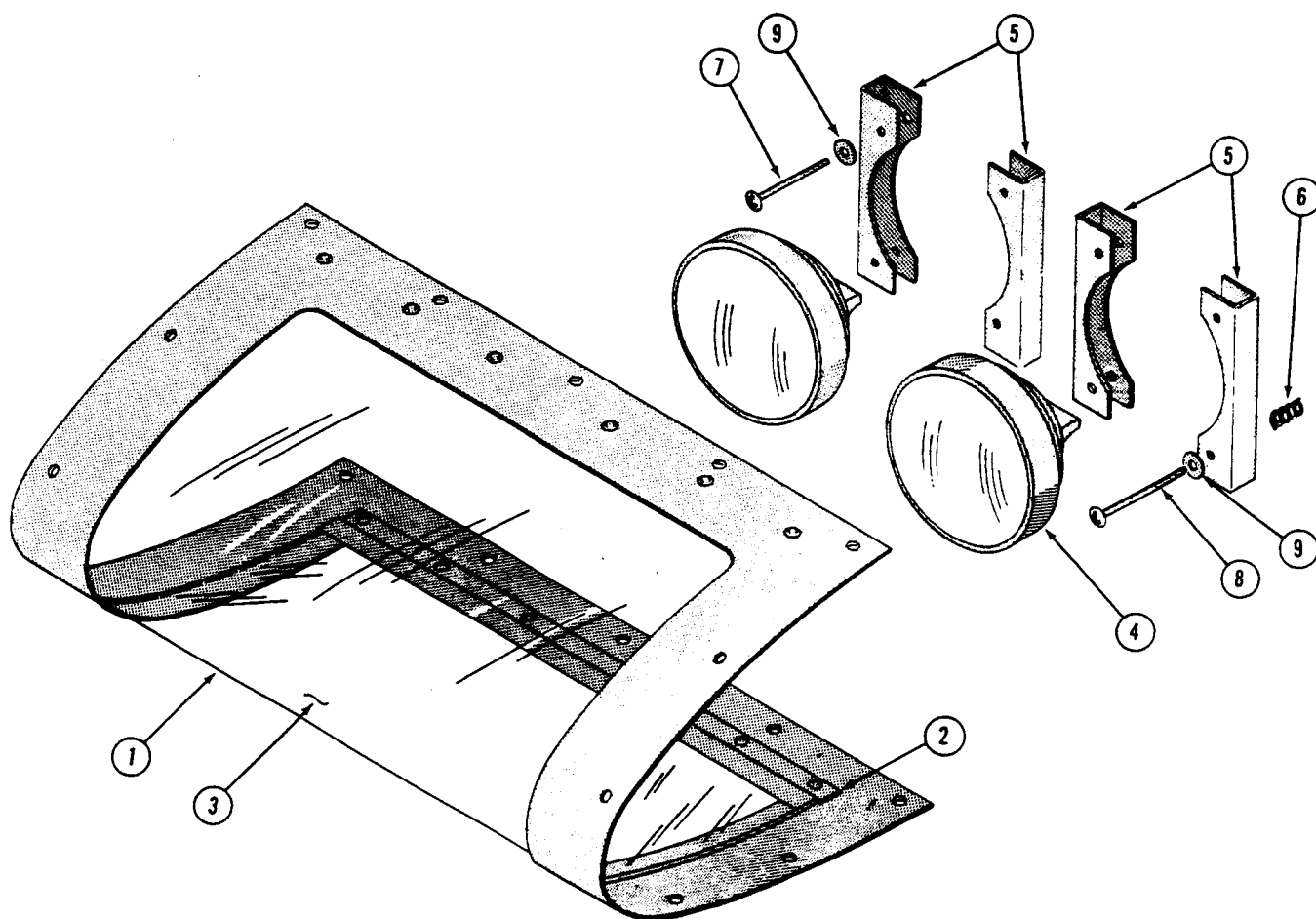


FIGURE 89. LANDING LIGHT

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
89-	53-3-832	Installation Kit - Landing light.	
-1	0523115	Window Assembly - Landing light	1
-2	0523115-3	Retainer	1
-3	0523115-5	Window - Plexiglass	2
-4	0523118-1	Light - Landing	1
-5	0523117	Channel	2
-6	0523116	Spring	4
-7	AN526-832R26	Screw	8
-8	AN526-832R32	Screw	6
-9	AN960-10	Washer	2
			AR

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

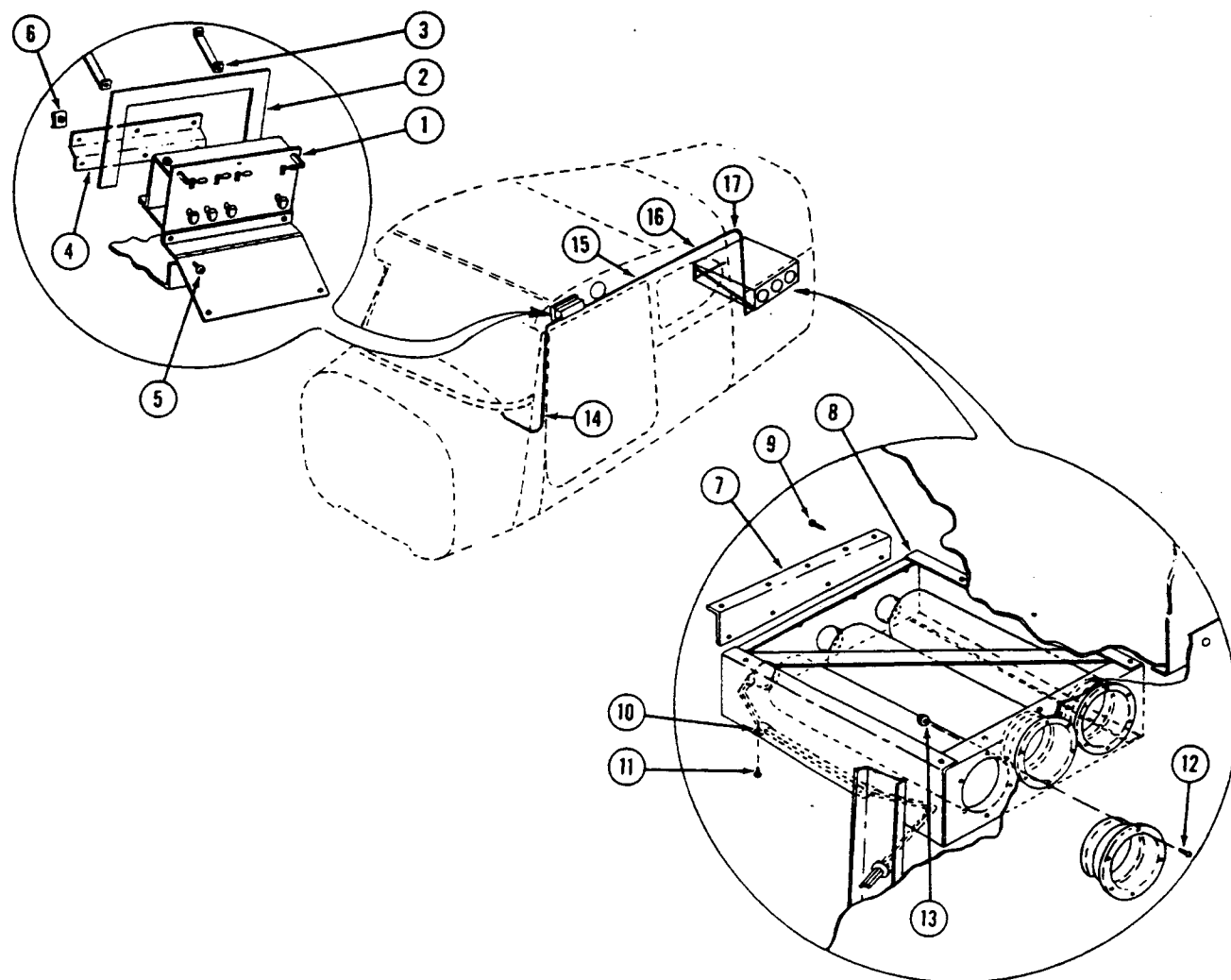


FIGURE 90. FLARE INSTALLATION

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
90-	52-3-826	Installation Kit - 1-1/2 minute flares	1
-1	R-3-M	Switch - Flare (International Flare Signal Division, Kilgore Mfg. Co.)	1
-2	0511007-5	Backing - Upholstery	1
-3	0511007-3	Bracket - Flare switch upper	1
-4	0511007-4	Bracket - Flare switch lower	2
-5	PK76XZ-4-6	Screw - (Attach flare switch)	1
-6	NAS395-1-3	Nut - (Attach flare switch) (Tinnerman A6187-4Z-3)	8
-7	0511007-6	Support - Flares	1
-8	1-1/2 PF-11	Bracket Assembly - Flare (International Flare Signal Division, Kilgore Mfg. Co.)	1
	1-1/2 PF-12	Bracket - Flare	1
	1-1/2-1-A-1	Flare - 1-1/2 minute parachute	3
-9	AN545-6-5	Screw - Wood (attach support to bracket)	4
-10	NAS435D4	Clamp - (Tinnerman A3047A-4-92)	2
-11	PK76XZ-8-6	Screw - (Attach clamp)	2
-12	AN526-632-8	Screw	18
-13	AN365-632	Nut	18
-14	0500005-57	Wire - (Circuit breaker to flare switch)	1
-15	0500005-58	Wire - (Flare switch to flare)	1
-16	0500005-59	Wire - (Flare switch to flare)	1
-17	0500005-60	Wire - (Flare switch to flare)	1

ORDER BY PART NUMBER AND NAME SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

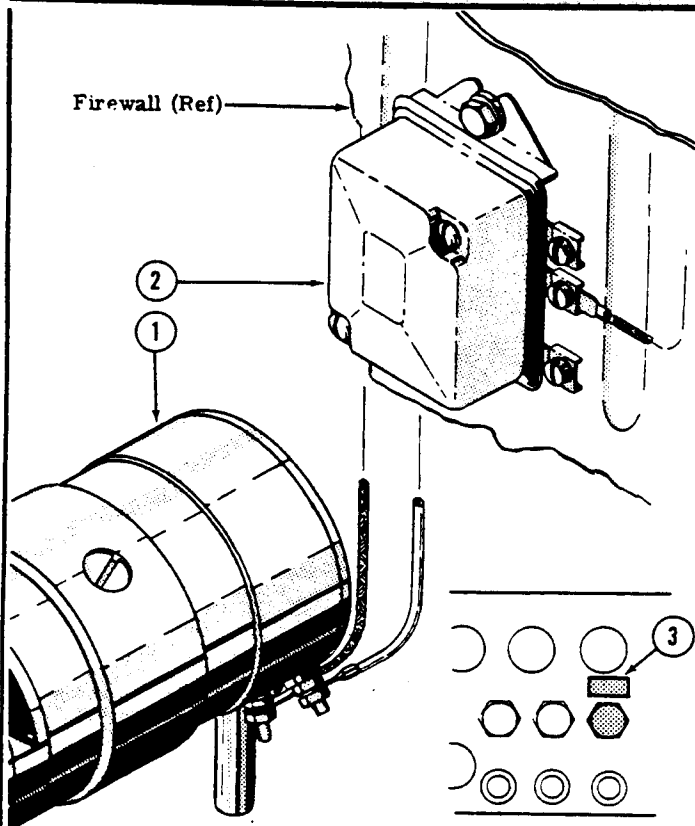


FIGURE 91. 25 AMP GENERATOR KIT

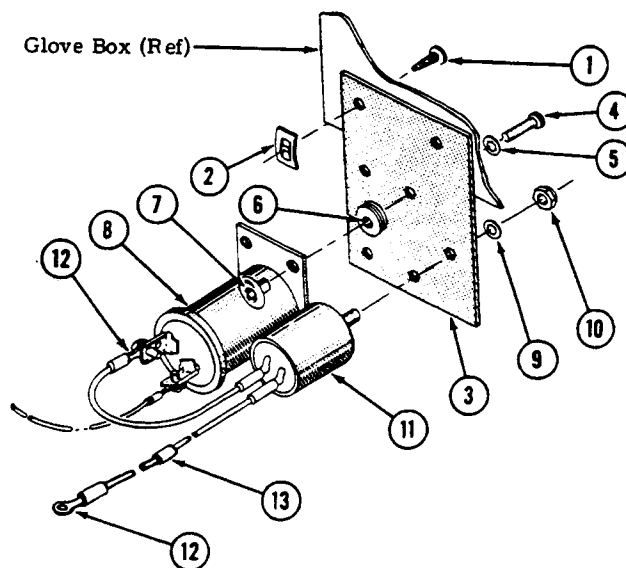


FIGURE 92. NAVIGATION LIGHT FLASHER

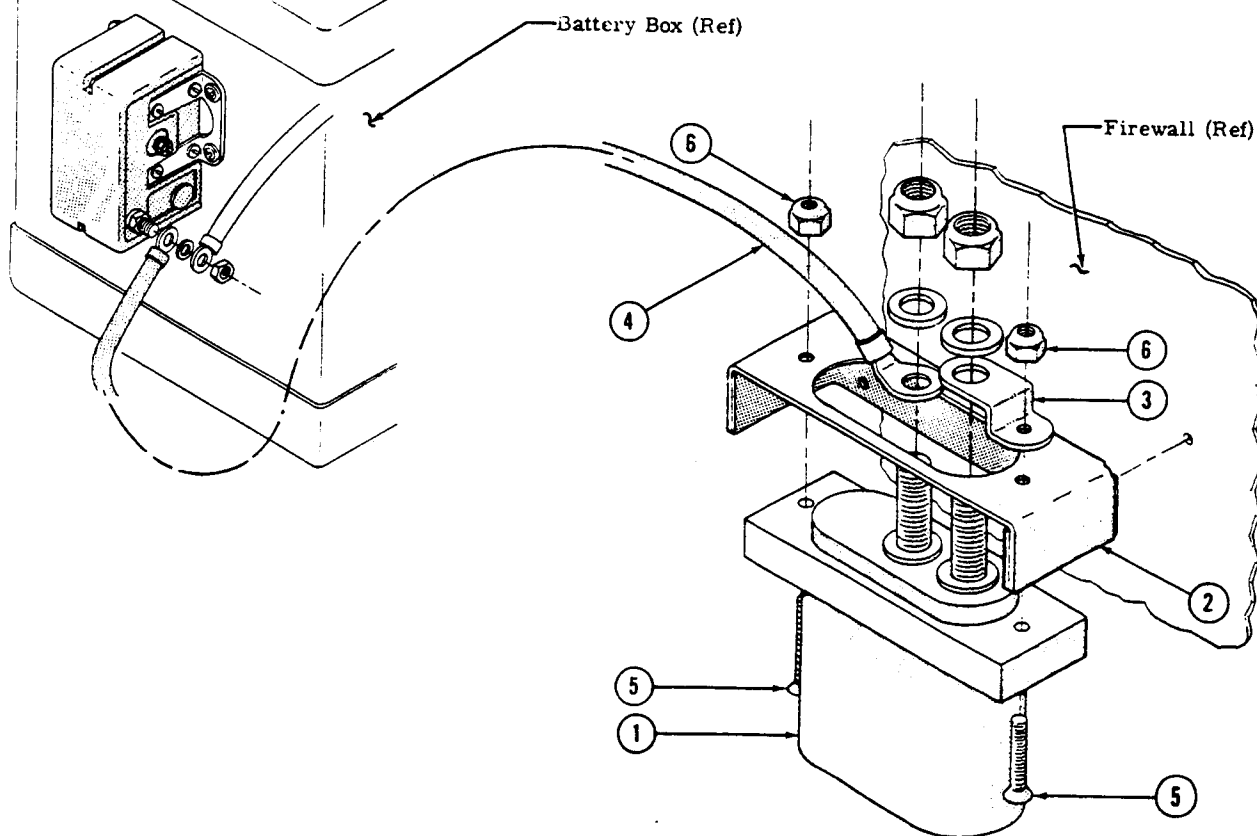


FIGURE 93. GROUND SERVICE PLUG INSTALLATION KIT

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
91-	52-3-881	Installation Kit - 25 amp generator	1
-1	0550144	. Generator Assembly - 25 amp	1
-2	0413205-3	. Voltage Regulator - 25 amp	1
-3	0511231-19	. Placard - 25 amp	1

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
92-	No Number	Navigation Light Flasher Installation	1
-1	PK76XZ-8-8	. Screw - (Attach flasher)	2
-2	NAS446-4	. Nut - (Attach flasher) (Tinnerman A1778-8Z-3)	2
-3	0511025-2	. Flasher Assembly - Navigation light	1
-4	0511025-3	. Plate - Flasher	1
-5	K82818-7	. Screw - (Attach flasher to plate) (Narco)	4
-6	M82802-7	. Lock Washer - (Attach flasher to plate) (Narco)	4
-7	K81160-5	. Grommet - (Attach flasher to plate) (Narco)	4
-8	K81608-2	. "T" Nut - (Attach flasher to plate) (Narco)	4
-9	0511025	. Flasher - Navigation light (Narco FL-1)	1
-10	AN936A8	. Washer - (Attach filter to plate)	1
-11	AN340B8	. Nut - (Attach filter to plate)	1
-12	0511025-1	. Filter - Navigation light (Narco K11178)	1
-13	RA863	. Terminal - (Sta-Kon)	2
	2B16	. Terminal - (Sta-Kon)	1

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
93-	AK70B52-9	Installation Kit - Ground service plug	1
-1	AN2552-2	. Receptacle - Ground service plug	1
-2	0513034-1	. Bracket - Mounting	1
-3	0312155-10	. Strap - Ground	1
-4	0500005-124	. Cable - (Battery to receptacle)	1
-5	AN510-10R16	. Screw - (Attach receptacle)	2
-6	AN365-1032	. Nut - (Attach receptacle)	2

ILLUSTRATED PARTS CATALOG

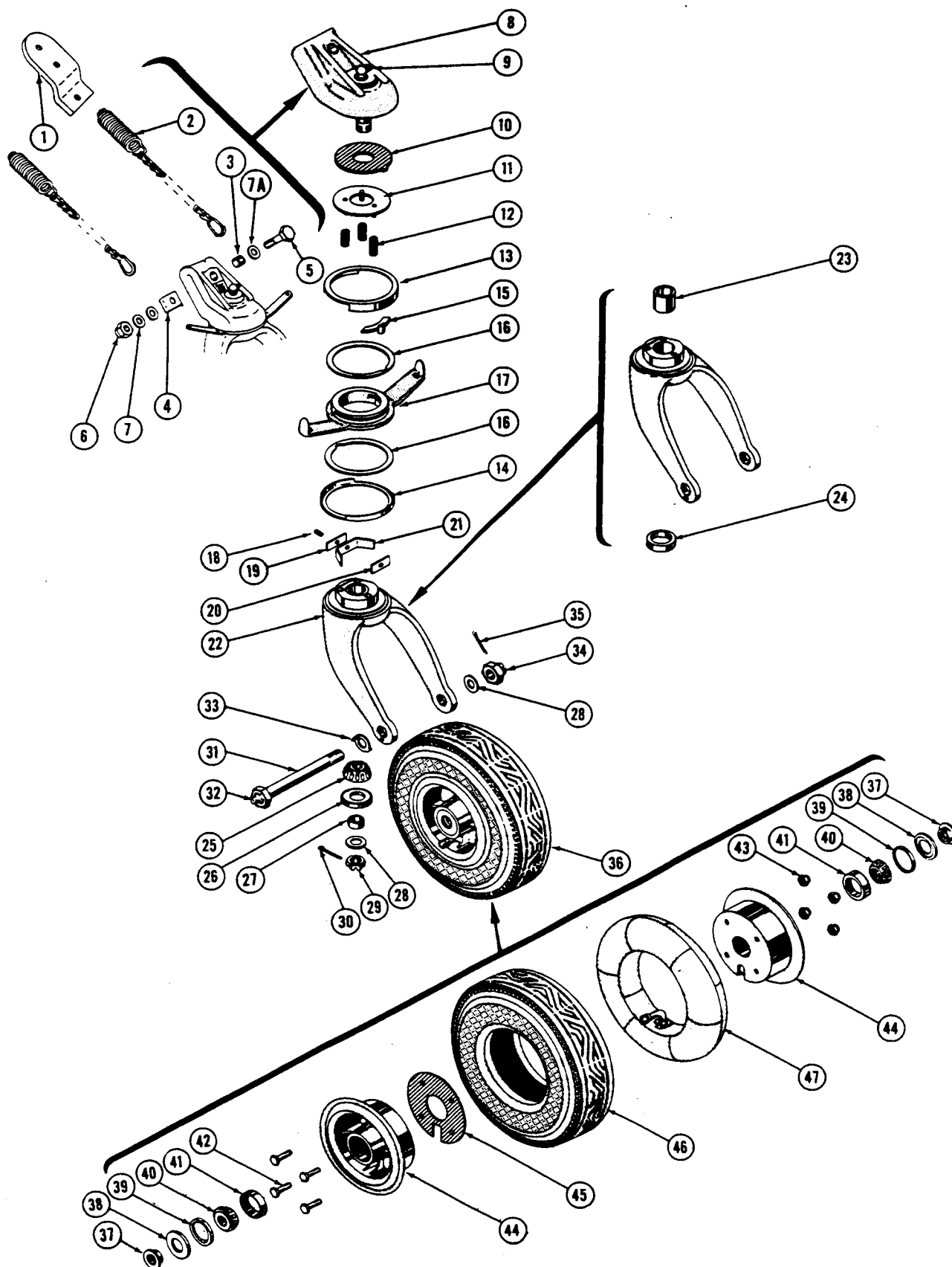


FIGURE 94. PNEUMATIC TAILWHEEL

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
94-	52-3-853	Installation Kit - Pneumatic tailwheel	1
-1	0433132	Lug	2
-2	0442011-4	Spring and Connector Assembly	2
-3	0442011-2	Bushing	1
-4	0442011-3	Spacer	1
-5	AN7-20A	Bolt	1
-6	AN365-720	Nut	1
-7	AN960-716	Washer	2
-7A	AN960-816	Washer	12
	0442010	Wheel and Fork Assembly - Tail	1
-8	0442010-6	Bracket Assembly - (Scott #3216)	1
-9	0442010-16	Fitting - 90° Lubricator (Alemite #1191)	1
-10	0442010-8	Washer - Thrust (Scott #3027)	1
-11	0442010-30	Plate Assembly - Thrust (Scott #3234)	1
-12	0442010-17	Spring - Compression (Scott #3233)	3
	0442010-34	Cap Set - Dust	1
-13	0442010-18	Cap - Upper dust (Scott #3256-2)	1
-14	0442010-19	Cap - Lower dust (Scott #3235-1)	1
-15	0442010-4	Pawl - (Scott # 3219)	1
-16	0442010-7	Washer - Thrust (Scott #3206)	2
-17	0442010-2	Arm Assembly - (Scott #3214)	1
-18	0442010-33	Pin - (Scott #3257)	1
-19	0442010-32	Spacer - Spring (Scott #3258-1)	AR
-20	0442010-31	Spacer - Spring (Scott #3258)	AR
-21	0442010-5	Spring - (Scott #3222)	1
-22	0442010-1	Fork Assembly - (Scott #3224)	1
-23	0442010-20	Bushing - (Scott #3205)	1
-24	0442006-21	Cup - Bearing (Timken A4138)	1
-25	0442006-22	Cone - Bearing (Timken A4050)	1
-26	0442006-9	Retainer - Grease (Scott #1863)	1
-27	0442010-23	Spacer - (Scott #2405-1)	1
-28	AN960-816	Washer	2
-29	AN320-8	Nut	1
-30	AN380-3-3	Pin - Cotter	1
-31	0442010-25	Axle Assembly - (Scott #3236)	1
-32	0442010-22	Fitting - Lubrication (Alemite 1641)	1
-33	0442010-21	Washer - Lock (Scott #3225)	1
-34	AN310-8	Nut	1
-35	AN380-3-3	Pin - Cotter	2
-36	0442010-13	Tire and Wheel Assembly	1
-37	0442010-24	Spacer - (Scott #3227)	2
-38	0442006-9	Retainer - Grease (Scott #1863)	2
-39	0442006-10	Spacer - Grease retainer (Scott #1862)	2
	0442006-11	Set Assembly - Bearing (Scott #1883)	2
-40	0442006-22	Cone - Bearing (Timken A4050)	1
-41	0442006-21	Cup - Bearing (Timken A4138)	1
-42	AN4-7A	Bolt	4
-43	AN365-428	Nut	4
-44	0442010-26	Hub - Wheel (Scott #2598)	2
-45	0442010-27	Gasket - (Scott #2602)	1
-46	0442010-29	Tire - 8 x 3.00 (4 ply)	1
-47	0442010-28	Tube - 8 x 3.00	1

ILLUSTRATED PARTS CATALOG

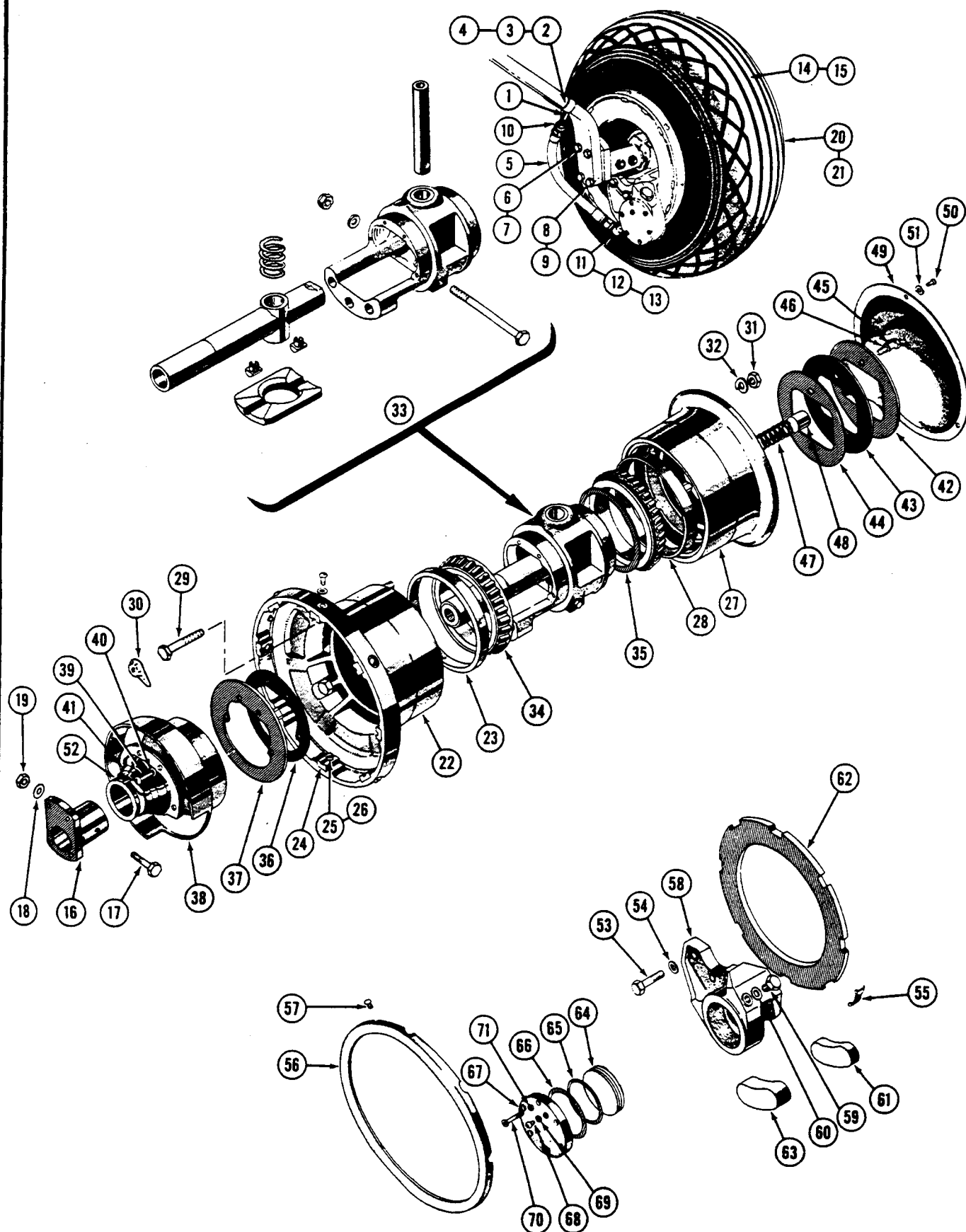


FIGURE 95. CROSSWIND LANDING GEAR

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASSY
95-	AK7053-11	Installation Kit - Crosswind landing gear (Cessna #0541150)	1
-1	0500106-55	Line - Brake	2
-2	0341107-1	Clamp - (Attach brake line)	2
	0341115	Hose - (Brake line protector)	2
-3	AN365-832	Nut - (Attach clamp)	2
-4	AN526-832R10	Screw - (Attach clamp)	2
-5	MS28741-4-010	Hose - (Brake line)	2
-6	AN5H13	Bolt - (Two upper holes)(length varies with shim combination)	4
-7	AN960-516	Washer - (Aft bolt only)	2
-8	AN76-12	Bolt - (Two lower holes)(length varies with shim combinations)	4
-9	AN960-616L	Washer - (Aft bolt only)	2
-10	AN815-4D	Union	2
-11	AN775-4	Bolt	2
-12	AN776-4D	Elbow - Universal 90°	2
-13	AN901-4C	Gasket	4
-14	0441150-8	Wheel, Brake, Tire & Collar Assembly - Crosswind left	1
-15	0441150-9	Wheel, Brake, Tire & Collar Assembly - Crosswind right	1
-16	0441150-2 *	Collar - Crosswind wheel axle left	1
	0441150-3 +	Collar - Crosswind wheel axle right	1
-17	0441151 *+	Bolt - (Attach collar)	2
-18	AN960-616 *+	Washer - (Attach collar)	2
-19	AN364-624 *+	Nut - (Attach collar)	2
	0541116-37	Wheel, Brake & Tire Assembly - Crosswind left	1
	0541116-38	Wheel, Brake & Tire Assembly - Crosswind right	1
-20	6:00 x 6	Tire - Aircraft (6 ply)	1
-21	6:00 x 6	Tube - Aircraft	1
	0541116-39 *	Wheel & Brake Assembly - Crosswind left (GY9540293)	1
	0541116-40 +	Wheel & Brake Assembly - Crosswind right (GY9540294)	1
	0541116-2	Wheel Assembly - Crosswind left (GY9530375)	1
	0541116-3	Wheel Assembly - Crosswind right (GY9530376)	1
-22	0541116-4	Wheel Sub-Assembly - Inboard half (GY9510816)	1
-23	0541116-5	Cup - Bearing (GY95-5216)	1
-24	0541116-6	Key - Disc drive (GY9510871)	8
-25	0541116-7	Screw - Key retainer (GY9520644)	8
-26	AN960-416L	Washer	8
-27	0541116-8	Wheel Sub-Assembly - Outboard half (GY9510993)	1
-28	0541116-5	Cup - Bearing (GY95-5216)	1
-29	AN4-45A	Bolt - (Attach wheel halves)	4
-30	C2311-27	Clip - Retainer (Tinnerman)	4
-31	AN365-428	Nut - (Attach wheel halves)	4
-32	AN960-416	Washer - (Attach wheel halves)	4
-33	0541116-10	Hub & Axle Sub-Assembly (GY9520061)	1
-34	0541116-11	Cone - Bearing (GY95-5217)	2
-35	0541116-12	Shim - Pack (GY9510983)	1
-36	0541116-13	Plate - Inboard bearing seal (GY9510978)	1
-37	0541116-14	Gasket - Bearing seal (GY9510977)	1
-38	0541116-16	Plate - Deflector left (GY9530373)	1
	0541116-15	Plate-Deflector right (GY9530374)	1
-39	AN515-6-8	Screw - (Attach plate)	3
-40	AN936A6	Washer - Lock	3
-41	0541116-17	Boot - Axle (GY9520424)	1
-42	0541116-22	Cap - Stabilizer (GY9521246)	1
-43	0541116-21	Gasket - Stabilizer cap (GY9510965)	1
-44	0541116-20	Plate - Stabilizer cap gasket (GY9510966)	1
-45	AN74A5	Bolt - (Attach stabilizer cap)	2
-46	AN935-416	Washer - Lock	2
-47	0541116-18	Spring - Stabilizer brake (GY9511005)	1
-48	0541116-19	Lining - Stabilizer brake (GY9510988)	1
-49	0441010	Fairing - Wheel (GY95-1044)	1
-50	AN515-6-4	Screw - (Attach fairing)	3
-51	AN936A6	Washer - Lock	3
-52	0541116-24	Clamp - (GY95-5242)	1
-53	95-11153	Bolt - (Attach brake to wheel)	3
-54	AN960-516	Washer	3
-55	0541116-33	Clip - Anti-rattle (GY9511103)	4
-56	0541116-41	Ring - Disc retaining (GY9530593)	1
-57	0541116-42	Fastener - Dot (#49398)(GY95-5383)	4

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
95-57	0541116-26	Brake Assembly - Left (GY 9530369)	1
-58	0541116-25	Brake Assembly - Right (GY 9530368)	1
-58	0541116-28	Housing - Left brake (GY 9540215)	1
-59	0541116-27	Housing - Right brake (GY 9540214)	1
-60	0441015-8	Plug - Inlet (GY 9520448)	1
-61	AN902-4	Gasket - Inlet	2
-62	0541116-30	Lining - Brake stationary (GY 9510735)	1
-63	0541116-31	Disc - Rotating brake (GY 9530084)	1
-64	0541116-32	Lining - Brake piston side (GY 9510734)	1
-65	0541117-3	Piston - Brake (GY 9510155)	1
-66	AN6230-2	Seal - Piston	1
-67	AN6230-3	Seal - Cylinder head	1
-68	0541116-35	Cylinder Head - Brake (GY 9510971)	1
-69	AN505-8R5	Screw - Bleeder	1
-70	0541117-7	Seal - Bleeder screw (GY 9510957)	1
-71	#10-24NC x 7/8	Screw - Flat head	6
	AN936C10	Washer	6
NOTE:			
Wheel, Brake & Collar Assembly - Left (Less tire and tube) (consists of parts marked *)			
Wheel, Brake & Collar Assembly - Right (less tire and tube) (consists of parts marked *)			
GY - Indicates Goodyear Tire and Rubber Company			
0441150-8			
0441150-9			

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

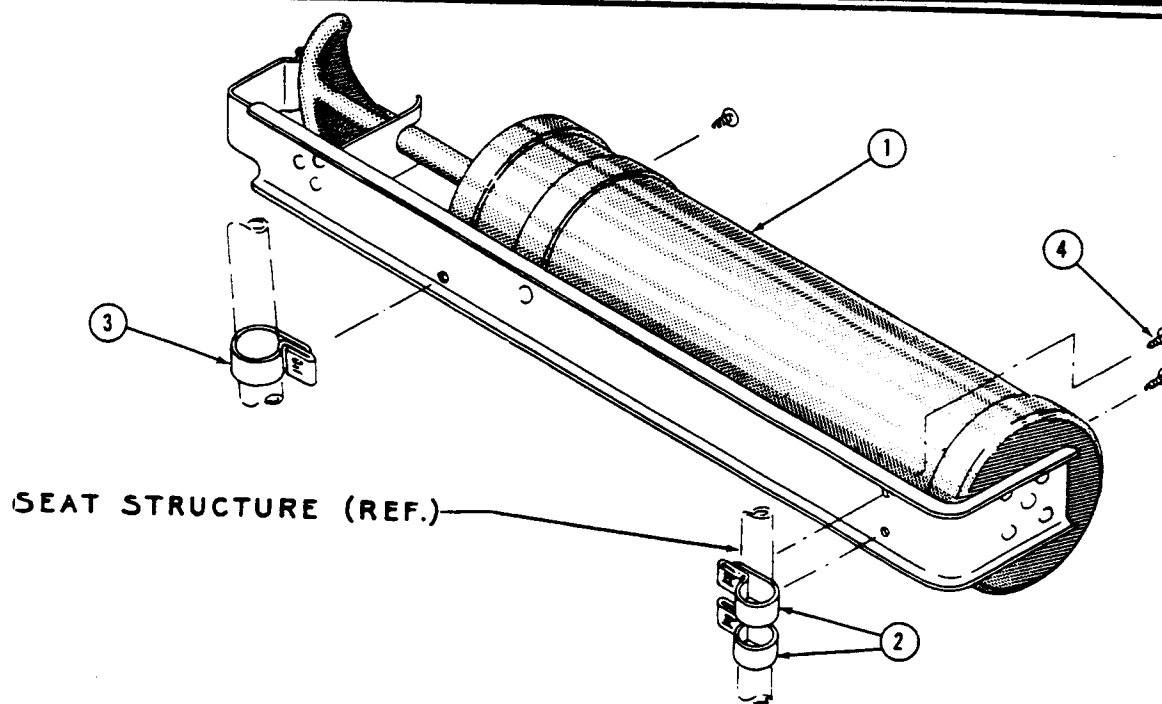


FIGURE 96. FIRE EXTINGUISHER INSTALLATION

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
96-	AK7053-12	Installation Kit - Fire extinguisher	1
-1	0411986-2	Fire extinguisher	1
-2	NAS434-D8	Clamp - (Tinnerman A2981A-8)	2
-3	NAS434-D10	Clamp - (Tinnerman A2981A-10)	1
-4	PK76XZ-8-8	Screw - (Attach clamp)	3

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

ILLUSTRATED PARTS CATALOG

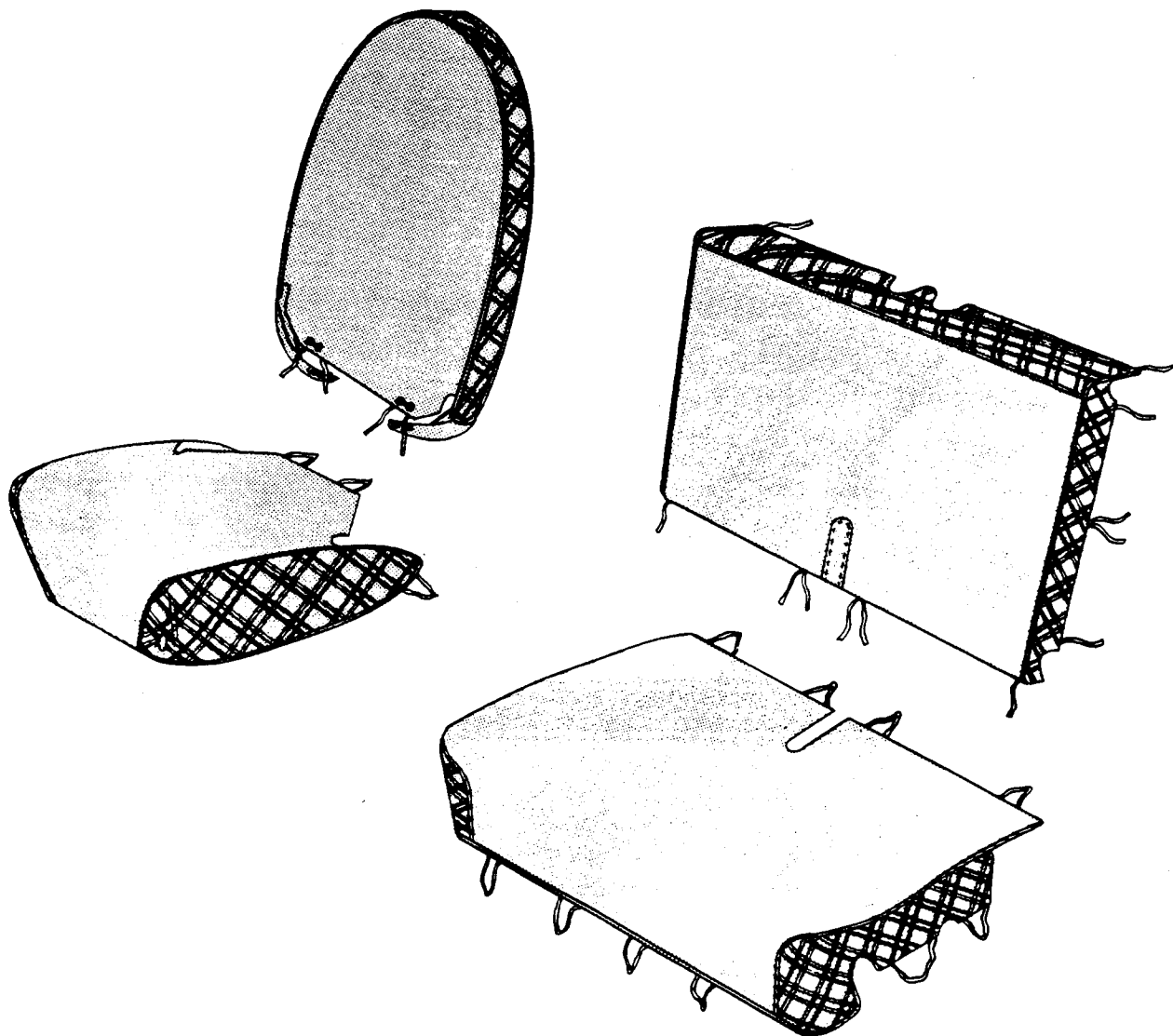
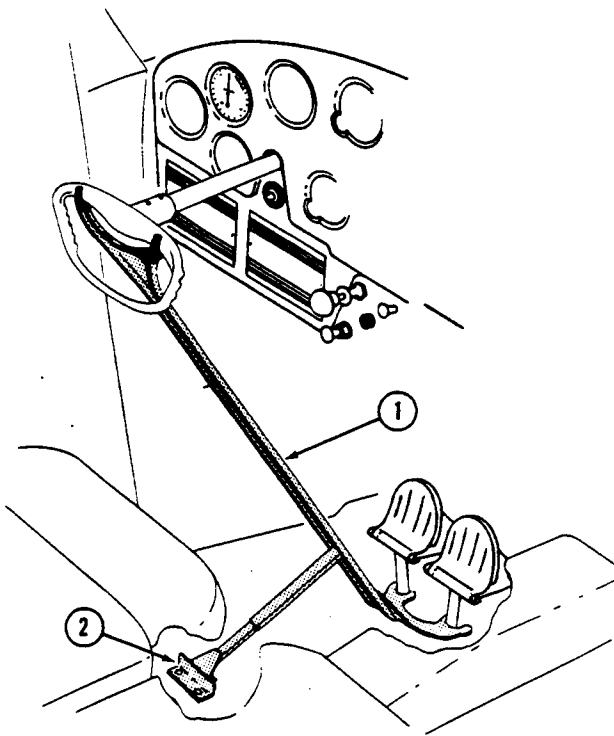


FIGURE 97. SEAT COVERS

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
97-	AK70B52-1	Installation Kit - Plastic seat cover (serial 20267 thru 25372)	1
	AK7054-1	Installation Kit - Plastic seat cover (serial 25373 thru 26300)	1
	AK170-3	Installation Kit - Plastic seat cover (serial 26301 thru 26995)	1
	AK170-6	Installation Kit - Plastic seat cover (serial 26996 & on)	1

ILLUSTRATED PARTS CATALOG



DELETED

FIGURE 98. CONTROL LOCK

FIGURE 99.

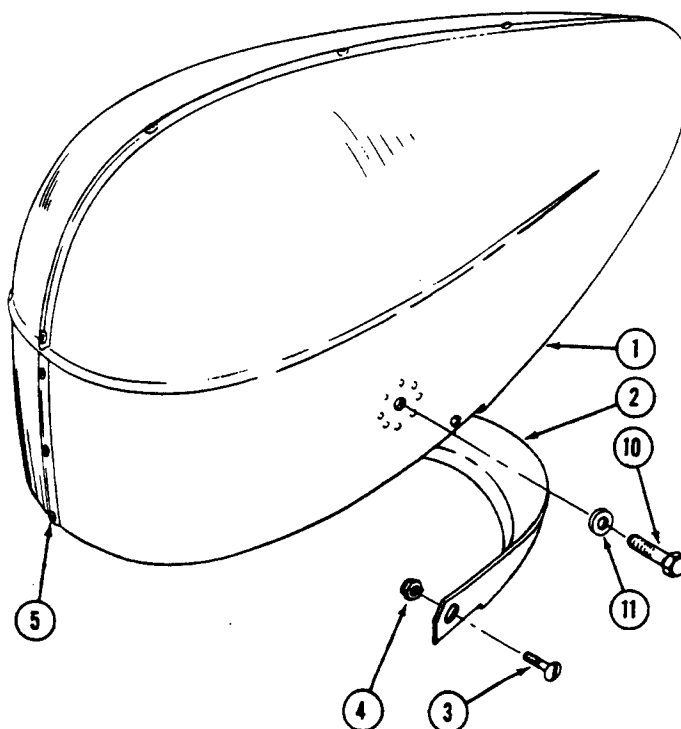
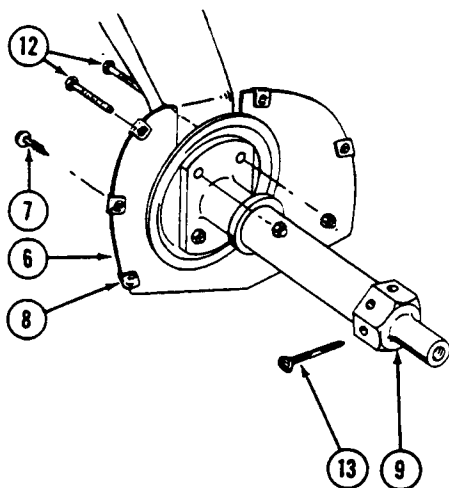


FIGURE 100. WHEEL FAIRINGS

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
98-1 -2	0511142-5 0511142-2	Lock - Control Angle - Control lock stop (see figure 18)	1 Ref
99-	Deleted		
100-	AK70A52-1	Installation Kit - Main wheel fairing (Cessna 0441143)	1
	0441143-50	Fairing Assembly - Complete left	1
-1	0441143-12	Fairing Assembly - Left	1
-2	0441143-11	Scraper - Mud	1
-3	AN526-1032-6	Screw - (Attach scraper)	4
-4	AN364-1032	Nut - (Attach scraper)	4
-5	PK88XA-4-6	Screw	12
-6	0441143-8	Plate - Mounting	1
-7	PK76XZ-10-6	Screw - (Attach plate)	5
-8	NAS395-28	Nut - (Attach plate) (Tinnerman A9031-10Z-3)	5
	0441143-51	Fairing Assembly - Complete right	1
	0441143-13	Fairing Assembly - Right	1
	0441143-11	Scraper - Mud	1
	AN520-1032-6	Screw - (Attach scraper)	4
	AN364-1032	Nut - (Attach scraper)	4
	PK88XA-4-6	Screw	12
	0441143-9	Plate - Mounting	1
	PK76XZ-10-6	Screw - (Attach plate)	5
	NAS395-28	Nut - (Attach plate) (Tinnerman A9031-10Z-3)	5
-9	0441130	Nut - Axle support	2
-10	AN6-5A	Bolt - (Attach nut)	2
-11	AN936B616	Washer	2
-12	AN5-25A	Bolt	4
-13	AN380-4-10	Pin - Cotter	1
	0441143-16	Kit - Plate and scraper	1
-2	0441143-11	Scraper - Mud	2
-3	AN526-1032-6	Screw - (Attach scraper)	8
-4	AN364-1032	Nut - (Attach scraper)	8
	0441143-15	Kit - Mounting plate	1
-6	0441143-8	Plate - Mounting L. H.	1
	0441143-9	Plate - Mounting R. H.	1
	PK76XZ-10-6	Screw - (Attach plate)	10
	NAS395-27	Nut - (Attach plate) (Tinnerman A1793-10Z-064-3)	10

ILLUSTRATED PARTS CATALOG

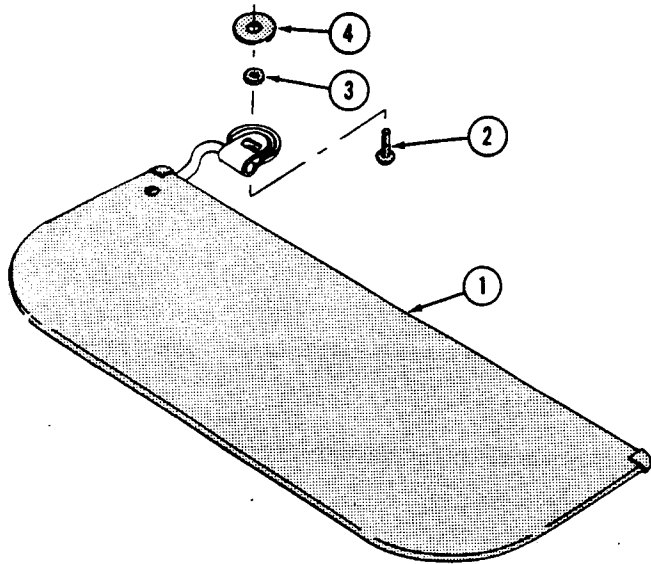


FIGURE 101. SUN VISOR INSTALLATION

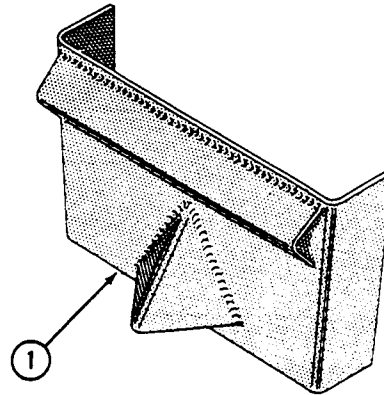


FIGURE 102. UNIVERSAL JACK POINT

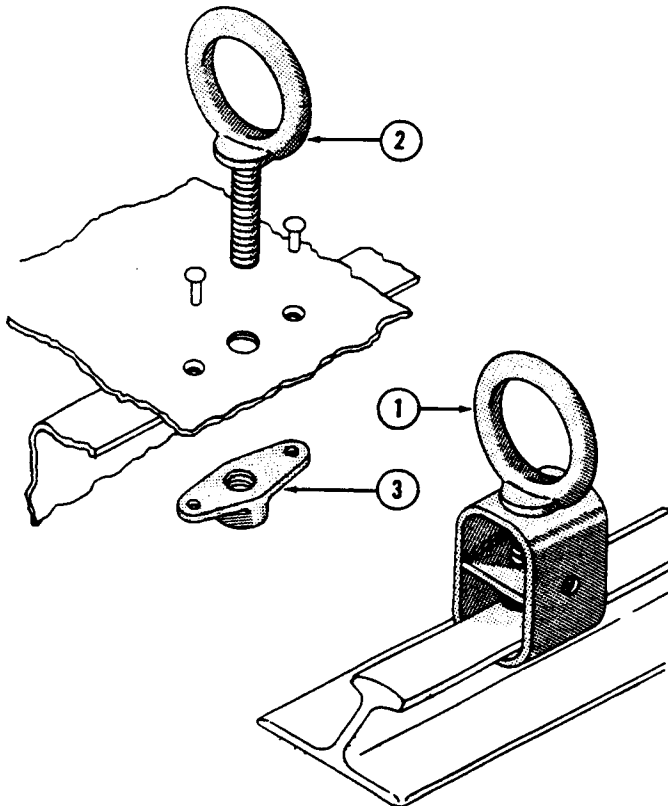


FIGURE 103. CARGO TIE-DOWN LUGS

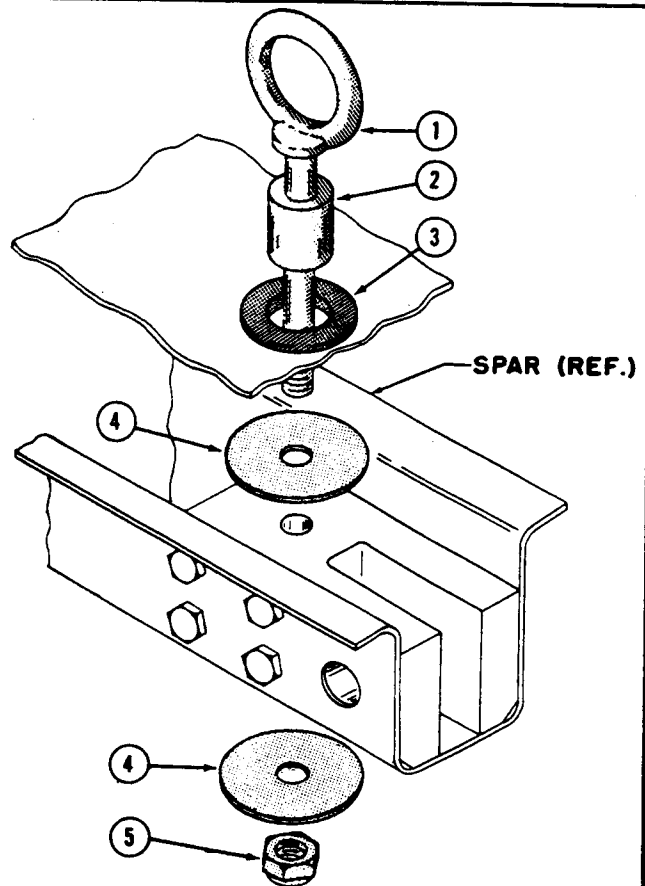


FIGURE 104. HOISTING PROVISIONS

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
101-	AK8055-1	Installation Kit - Sun visor (state color reqd)	2
-1	0713011-13	. Sun - Visor	1
-2	AN3-5A	. Bolt - (Attach sun-visor)	1
-3	AN960-10L	. Washer - (Attach sun-visor)	1
-4	0500010-4	. Washer	1
102-1	10004-79	Jack Point - Universal	1
103-	52-3-553	Installation Kit - Cargo tie-down lugs	1
-1	0511166	. Slide Assembly - Cargo tie-down lugs	2
-2	0511165	. Ring	6
-3	AN366-F428	. Nutplate	6
104-	52-3-848	Installation Kit - Hoisting provision	1
-1	0541115-3	. Eyebolt	4
-2	0541115-2	. Spacer	4
-3	AN931-10-14	. Grommet	4
-4	AN970-5	. Washer	8
-5	AN365-524	. Nut	4

ILLUSTRATED PARTS CATALOG

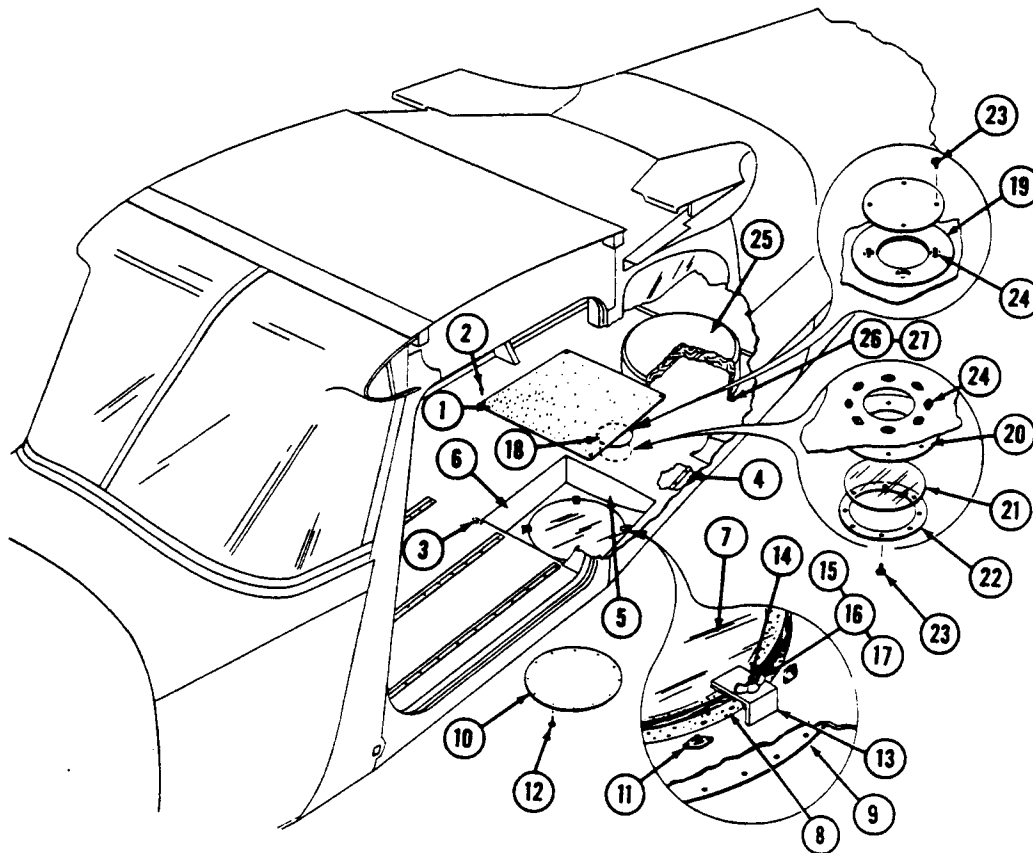


FIGURE 105. CAMERA PROVISIONS

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASSY
105-	AK7054-2	Installation Kit - Camera provision	
-1	0510010-18	• Cover Assembly - Camera bay	1
-2	AN526-10R9	• Screw - (Attach cover)	1
-3	AN366F1032	• Nutplate - (Attach cover)	4
-4	0510010-32	• Bulkhead Assembly - Camera structure outboard	4
-5	0510010-3	• Bulkhead - Camera structure aft	1
-6	0510010-31	• Bulkhead Assembly - Camera structure inboard	1
-7	0510010-11	• Window - Camera glass	1
-8	0510010-12	• Seal - Camera cutout	1
-9	0510010-4	• Doubler - Camera cutout	1
-10	0510010-2	• Cover - Camera window	1
-11	NAS444-4	• Nutplate - (Attach cover) (Tinnerman A6191-8Z-3)	1
-12	PK76XZ-8-8	• Screw - (Attach cover)	12
-13	0510010-16	• Clamp Assembly - (Attach glass)	12
-14	AN526-1032R16	• Screw - (Attach clamp)	4
-15	AN365-1032	• Nut - (Attach clamp)	4
-16	AN935-10	• Lockwasher	4
-17	AN350-1032	• Wingnut	4
-18	0510010-30	• Cover Assembly - Observation window	4
-19	0510010-15	• Doubler - Observation window	1
-20	0510010-5	• Doubler - Observation window	1
-21	0510010-6	• Plate - Plexiglas	1
-22	0510010-7	• Ring - Support	1
-23	PK76XZ-8-8	• Screw	1
-24	NAS444-4	• Nutplate - (Tinnerman A6191-8Z-3)	12
-25	0510190	• Seat - Camera	12
-26	AN526-10R8	• Screw - (Attach seat)	1
-27	AN366F1032	• Nutplate	4

ORDER BY PART NUMBER AND NAME

SERIAL NUMBER AND COLOR IF APPLICABLE

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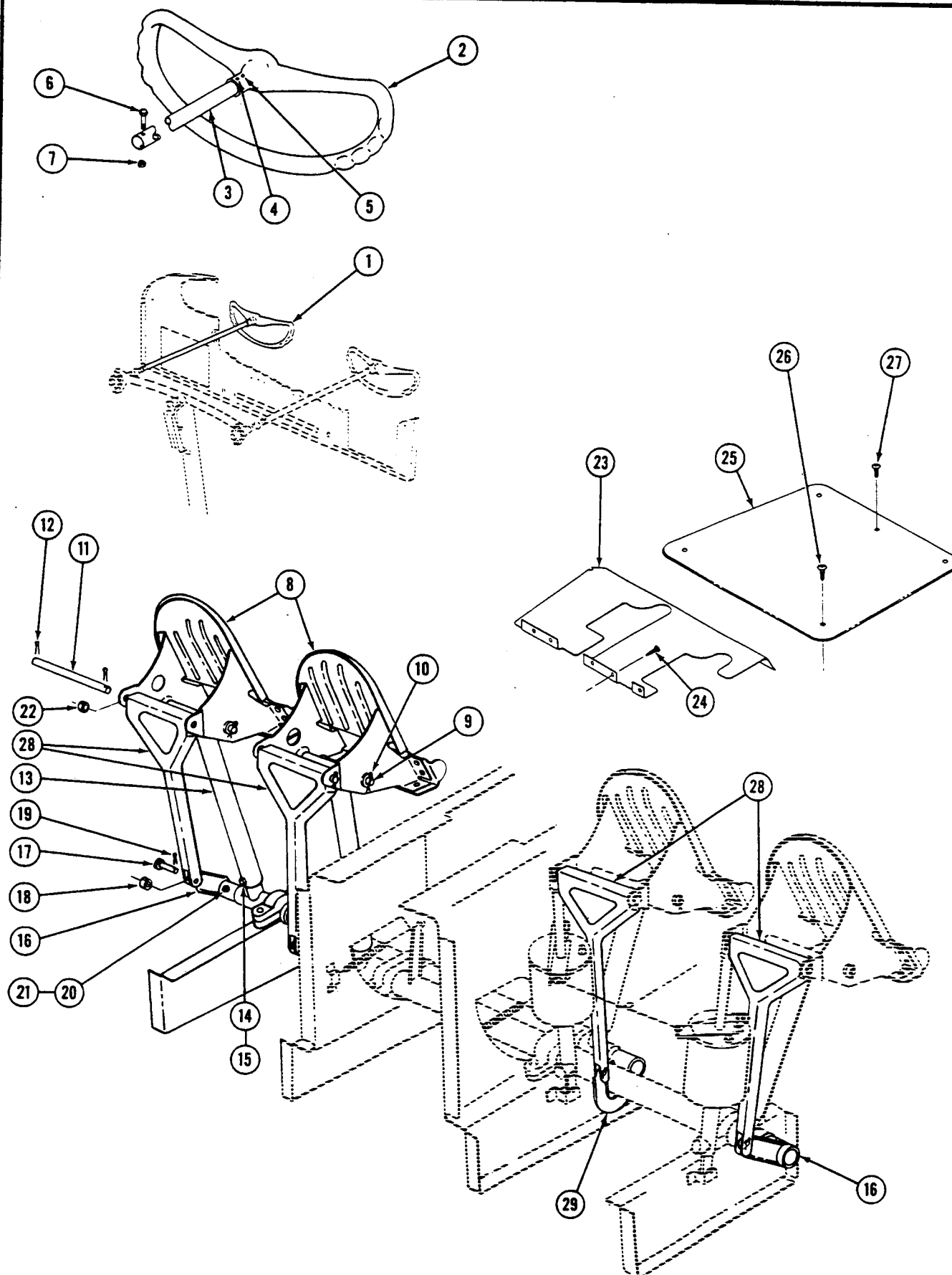


FIGURE 106. DUAL CONTROLS INSTALLATION (SERIAL 26996 AND ON)

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
106-	AK 170-1	Installation Kit - Controls RH (serial 26996 & on)	1
-1	0513127	Wheel Assembly - Control	1
-2	0513127-2	Wheel - Control	1
-3	0413213-1	Tube - Control	1
-4	0413216-1	Rivet - (Attach wheel to tube)	1
-5	0413216	Rivet - (Attach wheel to tube)	1
-6	AN3-10A	Bolt - (Attach wheel assembly to universal joint)	1
-7	AN365-1032	Nut - (Attach wheel assembly to universal joint)	1
-8	0310453	Pedal - Brake & rudder	2
-9	0411369-2	Shaft - (Attach pedals)	2
-10	AN380-3-4	Pin - Cotter (attach pedals)	2
-11	0411778-2	Shaft - (Attach master cylinder to pedal)	2
-12	AN380-2-2	Pin - Cotter (attach shaft)	2
-13	0411307	Arm - Rudder bar	2
-14	AN3-11A	Bolt - (Attach rudder bar)	2
-15	AN365-1032	Nut - (Attach rudder bar)	2
-16	0411563	Bellcrank Assembly - Rudder bar	3
-17	AN393-15	Pin - Flat head (attach link)	2
-18	NAS43-3-12	Spacer - (Attach link)	2
-19	AN380-2-2	Pin - Cotter (attach pin)	2
-20	AN3-10A	Bolt - (Attach bellcrank)	2
-21	AN365-1032	Nut - (Attach bellcrank)	2
-22	NAS42-6-8	Spacer	2
-23	0513015	Shield - Rudder bar RH	1
-24	PK76XZ-8-8	Screw - (Attach shield)	8
-25	0500100-174	Kick Plate RH	1
-26	PK76XZ-8-8	Screw - (Attach kick plate)	4
-27	PK86XA-4-6	Screw - Nickel plated	1
-28	0411564	Link - Dual brakes	4
-29	0411573	Bellcrank Assembly - Rudder bar	1

ILLUSTRATED PARTS CATALOG

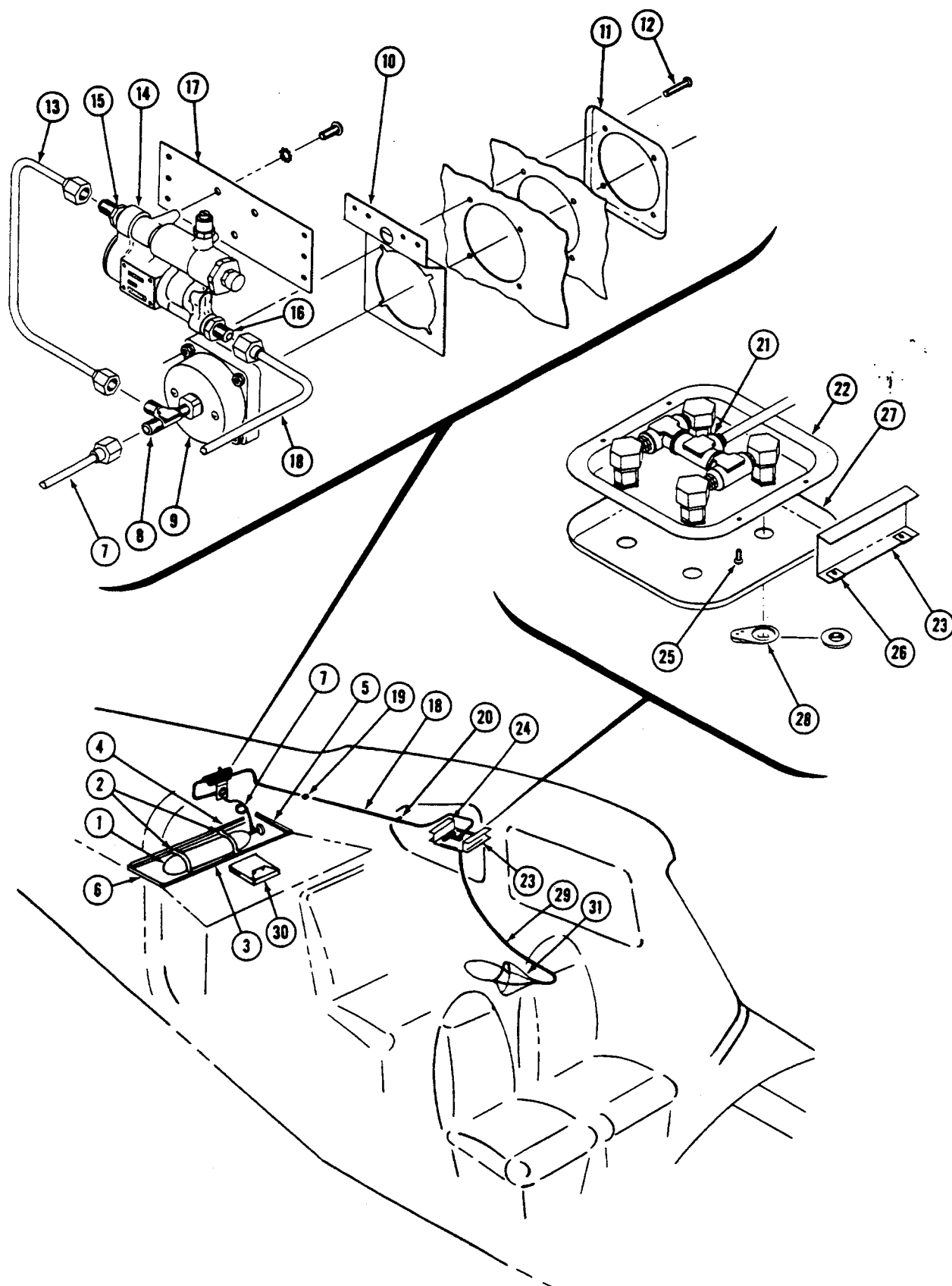
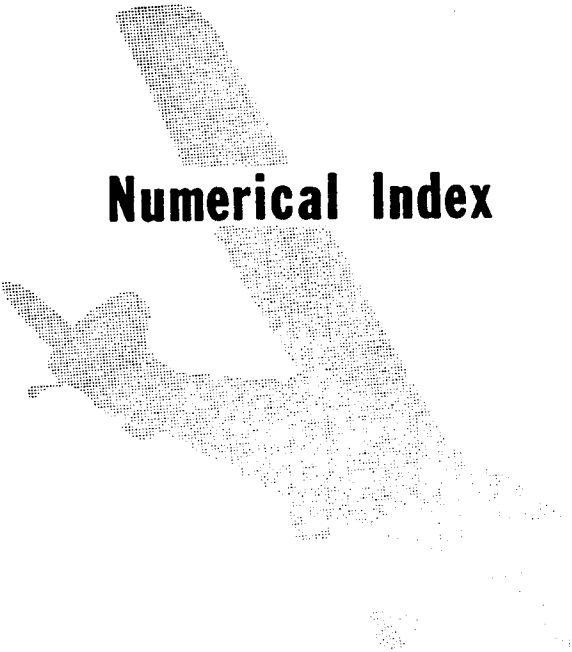


FIGURE 107. OXYGEN SYSTEM INSTALLATION KIT

ILLUSTRATED PARTS CATALOG

FIGURE AND INDEX NO.	PARTS NUMBER	DESCRIPTION	UNITS PER ASS'Y
107-	AK170-5	Installation Kit - Oxygen system	1
-1	0812360-1	Cylinder & Valve Assembly - (Walter Kidde #923757)	1
-2	0812361-1	Mounting Bracket - Cylinder (Scott Aviation #8590)	2
	AN4-5A	Bolt - (Attach bracket)	4
	AN365-428	Nut - (Attach bracket)	4
-3	0700030-10	Angle - Tank support forward	1
-4	0700030-11	Angle - Tank support aft	1
-5	0700030-1	Angle - Tank support left	1
-6	0700030-2	Angle - Tank support right	1
-7	0500106-184	Tube H. P. - (Tank to gage)	1
-8	AN826-3D	Tee - (Connect tube to gage)	1
-9	0812362-1	Gage - Oxygen pressure	1
-10	0700030-4	Bracket - Gage	1
-11	0700030-3	Bezel - Gage	1
-12	AN515BR6	Screw - (Attach gage)	4
-13	0500106-185	Tube H. P. - (Gage to regulator)	1
-14	0812363-1	Regulator Assembly - Oxygen	1
-15	AN816-3D	Nipple - (Attach regulator to H. P. tube)	1
-16	AN816-5D	Nipple - (Attach regulator to L. P. tube)	1
-17	0700030-5	Bracket - Regulator	1
-18	0500106-186	Tube L. P. - Regulator to manifold	1
-19	AN931-6S16	Grommet	1
-20	A2981A-5	Clamp - (Attach tube)	1
	PK76XZ-8-6	Screw - (Attach clamp)	1
	0311001-27	Washer - Cork (attach clamp)	1
	AN960-10L	Washer - (Attach clamp)	1
-21	0800030-2	Manifold Assembly	1
-22	0800030-14	Pan - Manifold assembly support	1
-23	0700030-7	Bracket - Pan support forward	1
-24	0700030-6	Bracket - Pan support aft	1
-25	PK74XZ-6-6	Screw - (Attach pan to bracket)	4
-26	A1804-6Z-3	Nut - (Attach pan to bracket) (Tinnerman)	4
-27	0800030-5	Cover	1
-28	0812366-1	Dust Cap	4
-29	0800030-4	Line Assembly - Oxygen	4
-30	0800030-19	Case - Oxygen mask storage	1
-31	0812369-1	Mask - Oxygen	4



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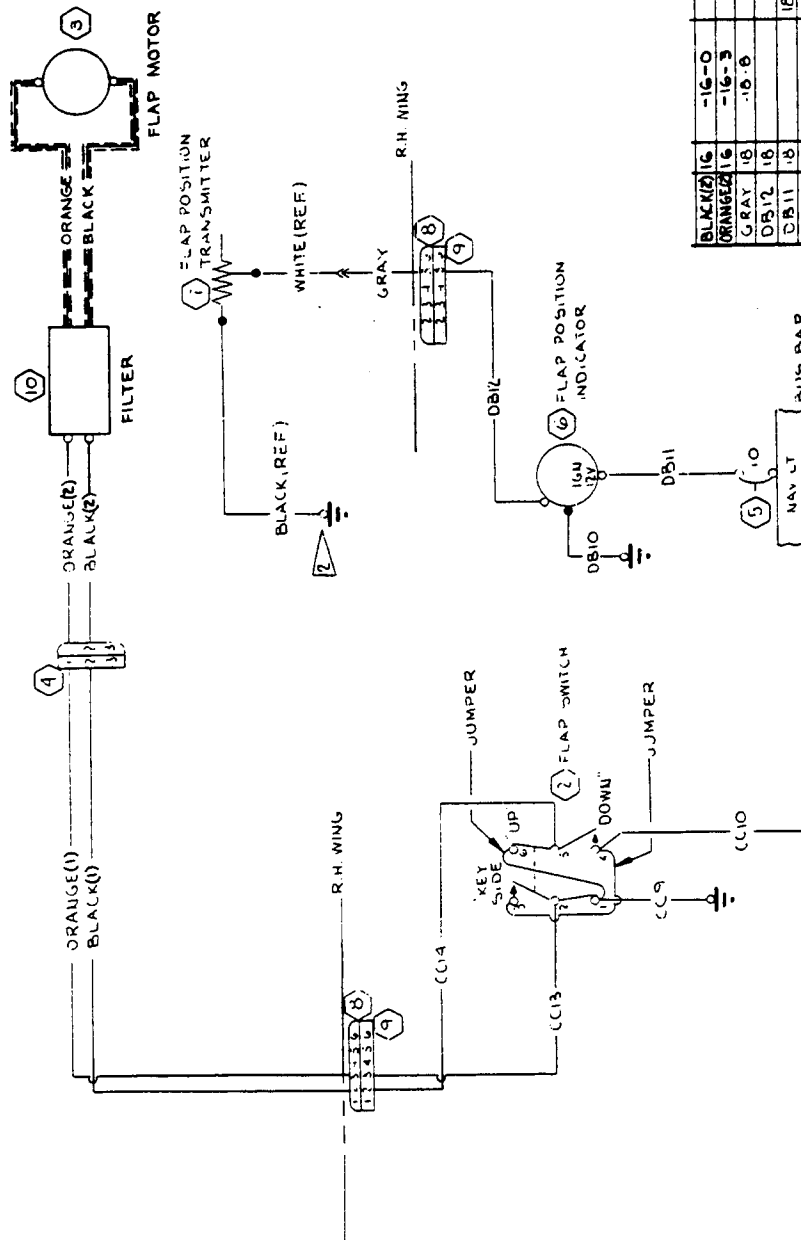
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REV	DATE	REVISION	BY	CHK
A		BY REV: ADD NOTE 5 ED & RR 00173 (SR 5360) II	RCA	ELC
B		BY REV: ADD TR1 TO NOTE 2 (EDR00192) (SR 5371) II	ISA	RCA



WIRE	CODE NO.	MATERIAL	LG.	TERMINALS
BLACK (1)	16	5-1636-2	5-1493-2	
ORANGE (2)	16	5-1636-2	5-1493-2	
GRAY	18	5-1635-2	5-1491-1	
DB12	18	5-1301-10	5-1436-1	
DB11	18	5-1301-10	5-1436-1	
DB10	18	5-1301-10	5-1436-1	
BLACK (1)	16	5-1635-2	5-1436-2	
ORANGE (1)	16	5-1635-2	5-1436-2	
CC14	16	5-1301-20	5-1436-2	
CC13	16	5-1301-20	5-1436-2	
CC10	16	5-1301-20	5-1436-2	
CC9	16	5-1301-20	5-1436-2	

WIRE	CODE NO.	MATERIAL	LG.	TERMINALS
BLACK (1)	16	5-1636-2	5-1493-2	
ORANGE (2)	16	5-1636-2	5-1493-2	
GRAY	18	5-1635-2	5-1491-1	
DB12	18	5-1301-10	5-1436-1	
DB11	18	5-1301-10	5-1436-1	
DB10	18	5-1301-10	5-1436-1	
BLACK (1)	16	5-1635-2	5-1436-2	
ORANGE (1)	16	5-1635-2	5-1436-2	
CC14	16	5-1301-20	5-1436-2	
CC13	16	5-1301-20	5-1436-2	
CC10	16	5-1301-20	5-1436-2	
CC9	16	5-1301-20	5-1436-2	

NOTES:

- SWITCH SHOWN IS A 'MOMENTARY ON'-ON- MOMENTARY ON' CONFIGURATION SUCH THAT MOTOR IS SHORTED OUT WHEN SWITCH IS IN THE CENTER 'ON' POSITION. SWITCH SHOWN IN CENTER ('ON') POSITION.
- GND. BLACK WIRE ON TRANSMITTER MTG. BOLT.
- WIRE MATERIAL PER 51460
- WIRING SHOWN ON THIS PAGE APPLICABLE WITH 121 RADIO INSTL. OR OPTION A
- APPLICABLE MODELS: FR172E T41-C, 1721

CESSNA AIRCRAFT CO. COMMERCIAL AIRCRAFT DIVISION WICHITA, KANSAS

DATE: 1/2/47

WIRING DIAGRAM—

WING FLAPS

ELECTRIC & FLAP

POSITION INDICATOR

0500062

REV. B

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-4	8-57	0531113-50	13-9		16-46	-36	27-22
-5	3-66	0532000	14-6	0534114-3	14-28	-37	95-19
-6	8-56	-3	14-16	0534115	16-21	-38	95-19
-7	3-68	-4	14-47		16-36	-39	95-21
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0550111-4	53-24	-27	51-43	-30	47-4	-46	48-25
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0550112	53-39		51-28	-41	48-12	-51	48-26
0550113	52-17		51-40		48A-22	-52	48-1
-3	52-21	-30	51-41	-43	48-34	-53	48-8
-4	20-30	-31	51-13		48A-35	-54	48-2
	19-36		51-29	0552001-46	47-8	-55	48-9
0550114	20-33	-32	51-35	-47	48-19	-59	48A-15
-20	52-29	-33	51-42	-48	48-19	-62	48A-1
-21	20-29	-34	51-34	-49	47-35	-64	48A-13
	19-35	-55	51-9		47-42	-65	48A-12
0550115	20-33	-50	51-3	-50	47-8	-67	48A-36
0550116	52-34		51-25	-52	47-11	-68	48A-10
0550117	52-25		51-37	-55	47-17	-71	48A-11
0550121	53-31	-51	51-8	-56	47-19	0552101	85-6
0550123	52-12		51-27	-60	82-23	0552102	85-7
0550124	50-19		51-39	-65	47-18		86-7
0550144	50-19	-52	51-44		47-20	0552103	85-2
0550147	91-1	-53	51-46		48-20		86-2
	84-1		49-14	-74	48A-21	0552104	85-1
0550150-2	84-4	0550158	50-13	-75	48A-21		86-1
-3	88-15	0550159	50-13	0552002	48-1	-5	85-3
-4	88-16	-5	54-5	-1	48-10		86-3
-5	88-14	0550161	67-2	-2	48-11	0552106-2	86-8
-6	88-10	0550162-3	46-7	-4	48-37	-3	86-6
-7	88-8	-6	46-9	-5	48-35	0591000-1	17-
-8	88-1	-7	46-6	0552002-6	19-48	-4	17-
-9	88-2	0550163	53-23		20-52	0591100-1	17-1
-10	88-6	-3	53-28		21-1		18-
-11	88-7	0550164-1	53-12	-7	45B-	0591200	23-6
-13	88-9	-2	53-18	-8	45B-	-1	17-2
-14	88-17	-3	53-13		48-36		23-
0550152-1	88-18	-4	53-19	-9	48-34	-2	23-1
0550153-1	87-1	-5	53-14	-10	48A-35	-4	23-59
0550154-2	49-5	-6	53-20		48-16		25-
0550155	49-6	-7	53-11	-13	48A-20	-6	17-2
	49-4	-8	53-17		48-13		23-
0550156	49-11	-10	53-22	-14	48A-19		23-1
0550157	49-7	-11	53-16	-20	48-14	0591300-1	21-12
-1	51	0550165-2	53-5	-21	48A-18	-2	21-26
-3	51-22	-6	53-1	-22	48-4	-3	21-20
-4	51-30	0551000-50	50-4	-23	48A-4	-4	21-34
	51-14	0552001	47-	-24	48-32	-5	18-1
		-3	47-8		48A-29		20-
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					48A-30		
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-2	48A-2	-85	55-4	-20	21-56	-872	87-
-3	48-5	-87	55-26	-25	21-57	-881	91-
	48A-5	-89	55-25	-26	21-54	-889	80-
-4	48A-8	0713020-1	58-25	-51	21-52	-892	78-
-5	48A-9	-2	58-26	-52	21-57	-894	78-15
-6	48A-29	0713026-4	33-58	-53	21-41	-897	73-
0700030-1	107-5		42-25	-54	21-42	-912	83-
-2	107-6		42-27	-55	21-84	52-018-078-05625	55-14
-3	107-11		42A-24	-57	21-48	52-022-094-0500	69-5
-4	107-10		42A-26	-58	21-56	52-028-125-0500	64-2
-5	107-17		42B-20	0713496-1	21-24	53-3-832	89-
-6	107-24		42B-22	-2	21-38	59-022-044-37S	31-22
-7	107-23	-5	42-29	0713497-1	21-86	95-11153	95-53
-10	107-3		42A-28	0721109	5-26	60OHM-10W	42B-51
-11	107-4		42B-24		10-26	95-5163	27-21
0700100-2	36-31	0713028	77-33	0741000-7	26-13	100	81-2
-191	36A-64	-1	43-9	0741007	26-6	200AC-6	59-16
	81-1	-2	43-10			#600	35-4
-193	36-40	-3	77-31	0742200-6	65A-4		35-46
	36A-35		43-11	0791100-5	23-22		36-7
0710101-1	36A-5	0713029	77-3		24-		36-51
-3	70-51	0713035	70-55	0791100-8	24-14	#600	36A-11
0711001-59	70-50		42-23	0800030-2	107-21	600 x 6	36A-43
	33-18		42A-22	-4	107-29		95-20
	34-19	0713037	42B-18	-5	107-27		95-21
0711010-1	34A-19	0713047	58-18	-14	107-22	#807	33-5
	33-11	0713049-3	72B-7	-19	107-30		34-5
0711013	34A-14	-7	36A-58	0812360-1	107-1		34A-5
0713002-3	34-12	0713200-4	36A-60	0812361-1	107-2	1114-5	2-37
0713009-1	20-41	-5	44-9	0812362-1	107-9	3175-15	7-37
	42-55	-7	44-11	0812363-1	107-14	3539-14-00	7-36
	42A-55		42B-58	0812366-1	107-28	5279	59-19
-2	42B-42	0713203-1	44-10	0812369-1	107-31	7283	23-7
	42-56		42-40	0831000-43	23-62		31-11
	42A-56		42A-40	1-1/2-1-A-1	90-8	10004-79	31-24
0713011-13	42B-43		42B-33	1-1/2 PF-12	90-8	41892	102-1
0713017	101-1		45-9	1-1/2 PF-11	90-8	48172	37-3
-1	70-51		45A-9	1HJ5	37-73		6-38
-9	70-58	0713210-4	45B-9	4 x 3/8	30-22		11-38
	70-52		36-9	#6	65-27		39-6
0713019-3	70-59		36A-12	8-H	65A-5	#49166	49-12
-8	55-27	0713212	43-12	#9	70-49	#49265	35-18
-16	55-30	0713495-3	21-47	#10-24NC x 7/8	95-70		36-20
	55-7	-5	21-50	10 x 32 x 5/8	36-18		36-32
-20	55-9		21-56	10 x 32 x 5/8	36A-19	49265-F-938	36A-21
-24	55-1	-6	21-58	#18	70-48		36A-65
-31	55-10	-7	21-53	22A3-02	14-27		43-13
-32	55-28	-8	21-57	22A17-048	21-49	49390	17-6
-33	55-34	-9	21-83	-048	21-56	#49625	35-29
	53-7	-10	21-83	-054	82-13	51142	42A-38
-35	53-25	-11	21-74	22A17A-82	24-20		42B-37
-37	55-21	-12	21-74	22-NKM-10-3	22-10	51143	42A-3
-41	55-23	-13	21-80	52-3-553	103-	51149	24-41
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	55-22	-15	21-71	-801	84-3	A-114	65-5
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		-18	21-18	-848	104-	A347-1	55-3
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A1663-.028-1	34A-23	-7A	65A-8	-2812	16-60	AN394-27	33-22
A1778-8Z-3	35-63	-8A	88-3	-3178	47-2	-81	65A-21
A1786-8Z-3	36A-25	-10A	2-60	AN257HP3	42A-50	-93	65A-11
A1804-6Z-3	107-26	-11A	15-1	AN257 x 3-750	42-50	AN415A	81-4
A2980A-3	8-3	-12A	25-11	AN310-3	65-3	AN415-2	17-29
-2-27	24-38	-14A	63-54	AN310-8	94-34	AN426AD10	12-12
-4-27	3-2	-21A	28-18	AN316-4R	5-11	AN470AD4	79-22
A2981A-4-27	73-41	-30A	25-34	-42	10-11	AN470AD5	78-29
-5	107-20	-31A	61-1	AN320-3	54-16	AN500A8-5	58-19
-10-27	88-19	-42A	5-5	-8	30-16	AN501-1032	30-18
A3046A-4	3-8	-45A	95-29	AN340-8	39-32	AN502-416-10	2-37
A3046-6	76-12	-47A	27-4	-B8	40-4	AN505-8R5	27-23
A3047A-4-92	42A-67	-60A	6-3	AN350-1032	105-17	-8R14	76-31
A3493-1	70-17	-62A	68-79	AN355-428	67-20	AN507-632-6	64-5
A4886A-3-27	49-28	AN5-6A	21-93	AN336F832	3-16	-832R8	37-14
A6310-6Z-3	42B-36	-7A	3-20	AN362F1032	23-48	-1032R8	33-1
AF934-5	64-7	-13A	82-11	AN364-524	3-20	AN510-10R16	93-5
-7	64-16	-15A	21-59	-624	95-19	AN515-4R6	15-28
-9	64-13	-23A	26-23	-720	2-5	-6-4	95-50
-14	64-19	-32A	82-10	-820	2-2	-6-8	95-39
AK70A52-1	100-	AN5H13	95-6	-832	34-33	-6R4	26-30
AK70B52-1	97-	AN6-6A	21-94	-1032	100-4	-6R8	37-65
AK	81-	AN6-7A	21-97	AN365-428	2-60	-6R14	78-19
-9	93-	-10A	21-96	-428C	66-41	AN515B6-5	80-4
-10	76-5	-22A	29-2	-524	13-6	AN515B6-16	76-47
AK70B53-1	86-	-23A	28-2	-524C	26-24	AN515B6R	77-25
AK170-1	106-	-24A	26-21	-624	21-97	AN515B6R12	41-10
-3	97-	-33A	49-2	-632	36-63	AN515-8R5	82-24
-5	107-	-H-45	46-3	-B632	76-49	-8R6	50-20
-6	97-	AN7-10A	28-21	-720	29-23	-8R8	37-15
AK7053-2	88-	-20A	26-7	-720C	26-8	-8R12	37-13
-3	46-6	-24A	2-4	-820	12-4	-10R8	59-4
-5	79-	-27A	50-6	-832	14-10	-10R10	2-31
-6	79-13	AN8-17A	12-2	-1032	2-61	AN520-10R5	2-20
-7	77-6	-23A	2-1	-1032C	51-6	-10R8	14-13
-11	95-	-24A	12-1	-1032R9	33-2	-10R7	21-45
-12	96-	AN23-9	65-32	AN366F428	23-60	-10R10	7-31
-13	81-	-10	65-2	AN366F832	3-21	-10R26	2-41
-14	76-	-11	67-26	AN366-1032	21-8	-1032-6	100-8
-15	77-	-12	68-26	AN366F1032	6-27	AN525-832-8	51-21
AK7054-1	82-32	-16	68-13	AN373F832	46-8	AN526-8R12	84-6
-2	97-	AN44-4A	65A-23	AN380-2-1	65A-12	-10R7	69-9
AK8055-1	105-	-6A	65A-24	-2-2	33-45	-10R8	105-26
AN3-3A	101-	AN74A5	95-45	-2-3	48-36	-10R9	105-2
-4	37-71	AN76-12	95-8	-2-4	63-36	-10R14	37-22
-4A	54-13	AN155-16S	68-29	-2-6	66-44	-428R12	39-20
-5A	6-30	AN155-32L	68-58	-3-3	30-17	-632R4	77-34
-6A	15-21	AN155-32S	65-28	-4-3	26-20	-632-8	90-12
-7A	68-17	AN161-32LL	66-57	-4-5	65-5	-632R4	43-9
-10A	2-61	AN163-16L	68-27	-4-10	100-13	-632R5	37-45
-11A	6-19	AN165-22L	65-30	AN381-1-8	16-61	-632R8	38-4
-12A	31-1	AN165-22S	65-29	AN383-2	68-50	-632R9	37-58
-14A	6-12	AN200KP-4	61-18	AN392-17	66-6	-632R36	35-57
-20A	60-19	AN210-2B	68-47	-53	33-44	-832R5	70A-6
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CONTROL SURFACE SECTION

Cessna.

DRAWING NO.

05000062

PAGE: 14.0

DRAWN

H. WISE

TITLE: WIRING DIAGRAM---

DATE

5-27-63

MODEL 172 - P172

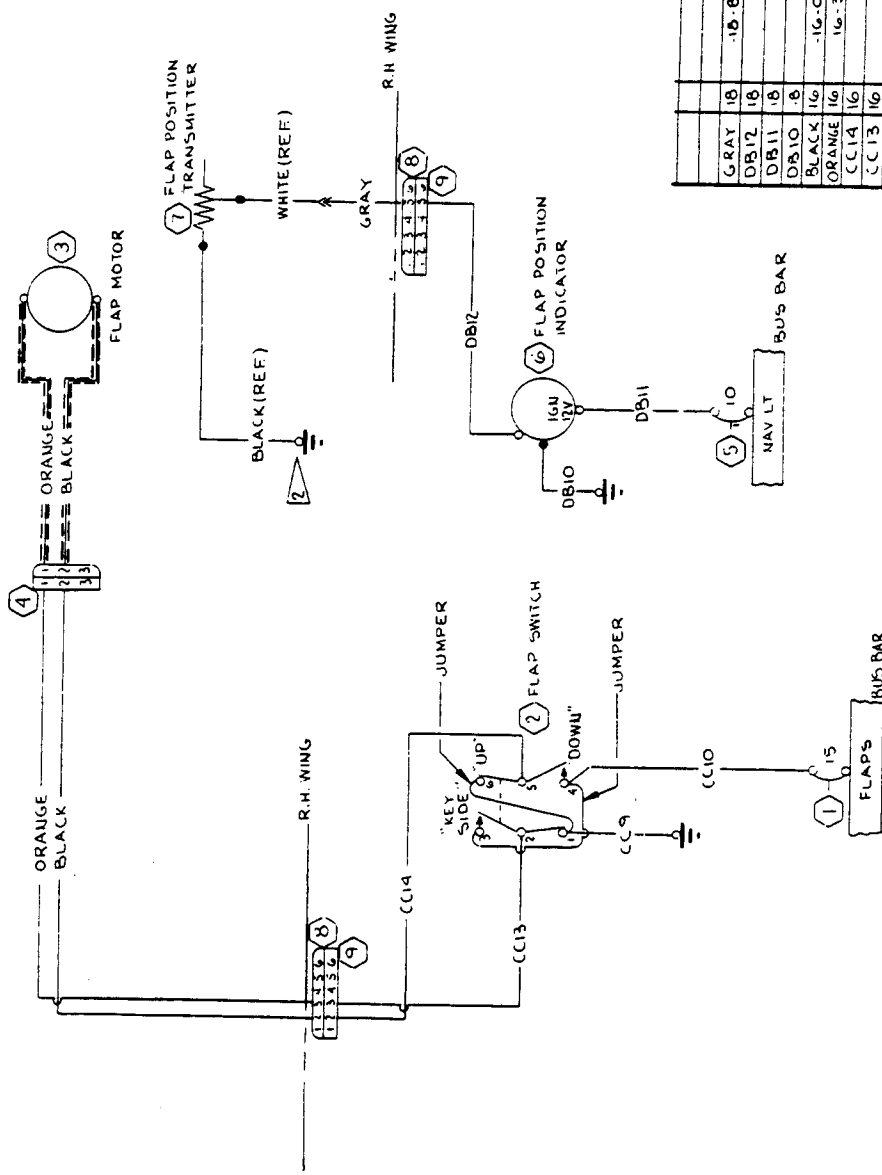
APP'D

REV:

CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIV., WICHITA, KANS.

(SR5357)
(SR5360) II

CHG LET	REVISION	BY	DATE	APPD
A	BY REV: ADD NOTES ED: RR COO (SR5357) II	RCA	11/11/54	RL
B	BY REV: ADD 1721 TO NOTE 5 (ED: RR COO (SR5357) II)	JSM	11/11/54	RL
C	BY REV: DELETE T41-C FROM NOTE 5 R172E-0257	CG	11/11/54	RL



- NOTES:
1. SWITCH SHOWN IS A "MOMENTARY ON-ON" MOMENTARY ON-ON CONFIGURATION SUCH THAT MOTOR IS SHORTED OUT WHEN SWITCH IS IN THE CENTER ("ON") POSITION. SWITCH SHOWN IN CENTER ("ON") POSITION.
 2. GND. BLACK WIRE ON TRANSMITTER MTG. BOLT.
 3. WIRE MATERIAL PER 51460
 4. REFER TO PAGE 14.7 WHEN RADIO INSTL OR OPTION A IS MADE
 5. APPLICABLE MODELS: FRITZE, 1721, 1721A, 1721B

PART NO	DESCRIPTION	INSTALLED ON
9	5-1641-6 HOUSING - SOCKET	
6	5-640-6 HOUSING - PIN	
7	5-580501-0101 FLAP POSITION INTR	
6	6468001-0103 FLAP POSITION INTR	
5	5-1360-10 CIRCUIT BREAKER	
4	5-1638-1 HOUSING - PLUG	
3	5-50001-0301 FLAP MOTOR	
2	5-1641-1 SWITCH ASSY	
1	5-1360-15 CIRCUIT BREAKER	

EQUIPMENT TABLE

WIRE TABLE					SERIALS	
WIRE	SIZE	TERMINAL	MATERIAL	LG	REMARKS	
GRAY	18	18	5-1635-2	5-141-1		
DB12	18	18	5-1361-10	5-1636-1		
DB11	18	18	5-1361-16	5-1361-10		
DB10	16	16	5-1361-16	5-1361-18		
BLACK	16	16	SOLDER	5-1361-18		
ORANGE	16	16	5-1635-2	5-1636-2		
CC14	16	16	5-1635-2	5-1636-2		
CC13	16	16	5-1361-24	5-1636-2		
CC10	16	16	5-1361-24	5-1636-2		
CC9	16	16	5-1361-24	5-1636-2		
CC8	16	16	5-1361-24	5-1636-2		
CC7	16	16	5-1361-24	5-1636-2		
CC6	16	16	5-1361-24	5-1636-2		
CC5	16	16	5-1361-24	5-1636-2		
CC4	16	16	5-1361-24	5-1636-2		
CC3	16	16	5-1361-24	5-1636-2		
CC2	16	16	5-1361-24	5-1636-2		
CC1	16	16	5-1361-24	5-1636-2		

WIRE TABLE

ENGINEERING - AIRCRAFT DIVISION - WICHITA, KANSAS				
TITLE				
WIRING DIAGRAM—				
WING FLAPS				
ELECTRIC & FLAP				
POSITION INDICATOR				
DRAWING NO. 0500062				
Cessna.				
REV. C				
PAGE 14.6				
MODEL: NOTED				
SHEET NO.				
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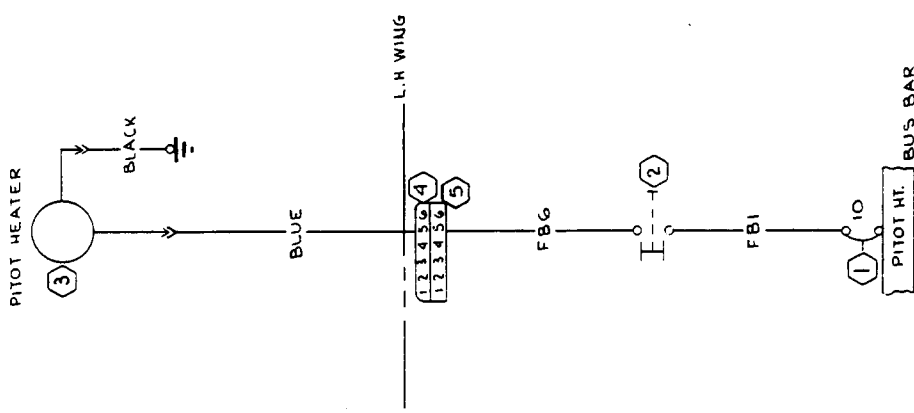
REV: C

NOTED

14.6

LOG LET	REVISION	BY	DATE	CHK APPR
A	BY REV: ADD FR172 TO MODEL BLOCK (SR535) II	CG	8/8/71	
B	BY REV: ADD NOTE 2 ED & R00173 (SR535) B941 (SR5433) II	RCN	8/11/71	
C	BY REV: ADD 1721 TO NOTE 2 (EDR 00192) (SR5471) II	JSN	9/2/71	

- NOTES:
1. WIRE MATERIAL PER 5-1460
 2. APPLICABLE MODELS: 172, FR172E, 141-C, & 1721



Cessna Aircraft Co. - COMMERCIAL AIRCRAFT DIVISION WICHITA KANSAS			
DATE	BY	CHK	FILE
8/15/71	JSN	CG	172
WIRING DIAGRAM - PITOT HEAT (OPTIONAL)			
Cessna.			
0500062			
REV C			
PAGE 13.3			

EQUIPMENT TABLE	
PART NO	DESCRIPTION
5-16-41-6	HOUSING-SOCKET
5-16-40-6	HOUSING-PIN
0121105-5	PITOT HEATER
0113076-4	SWITCH ASSY
5-1360-10	CIRCUIT BREAKER
INSTALLED ON	

WIRE TABLE					
WIRE CODE NO	GA	MATERIAL	LG	TERMINALS	SERIALS
BLACK 16	16	18-0	5-1361-8	OPT.	
BLUE 16	16	16-6	5-1362-2	STD.	
FBI 16	16		5-1362-1-8	STD.	
FBI 16	16		5-1362-1-6	OPT.	

ILLUSTRATED PARTS CATALOG

NUMERICAL INDEX

PARTS NUMBER	FIGURE AND INDEX NO.	PARTS NUMBER	FIGURE AND INDEX NO.	PARTS NUMBER	FIGURE AND INDEX NO.	PARTS NUMBER	FIGURE AND INDEX NO.
NAS434D2	78-12	PK88XA-4-6	35-4				
NAS434D6	63-15	PK89XA-4-4	36-6				
NAS435-D4	37-72	PK148-632-10	2-57				
-D5	70-5	PN-3A	16-55				
-D6	49-19	R-3-M	90-1				
NAS435D7	70-9	RA863	92-7				
NAS435D8	70-7	S-18-30	61-4				
NAS437-1C	70-3		61A-4				
-2C	70-1	S-31-11	72B-17				
-3C	70-2	S-51-4-12	62-5				
-3C-1	78-26	-4-56	76-28				
NAS444-1	4-20	-6-8	63-2A				
-4	3-21	-9	63-2B				
-5	4-6	-11	76-22				
-5-3	20-9	-12	6-32				
-6	17-31	-40	76-15				
NAS445-3-3	51-45	-84	77-16				
-5	3-105	-10-12	50-11				
-163C-4-2	16-28	S-272-207	64-3				
-4-8	10-23	-209	64-15				
NAS446-1	36-5	-215	64-18				
-1-3	42A-31	SIK-5	15-20				
-2	42-58	T-5/8	35-16				
-2-3	42-44		36-18				
-3-3	35-60		36A-19				
-4	3-10	T-118	70-20				
-4-3	36A-59	X200	2-17				
-9	55-19		7-17				
NAS448-1-3	42-43						
NAS450-8S	3-48						
NAS451-10	42-22						
-45	42-3						
-51	17-8						
-56	3-107						
NAS-455-163C-4-8	5-23						
NAS466-2-3	42A-44						
NAS488-1-3	42A-43						
NAS742D2	79-8						
NAS742D8	17-31						
NAS742D20	79-11						
O-300-A	50-1						
PK74XZ-6-6	107-25						
PK76XZ-4-6	19-51						
-4-4	33-13						
-4-5	70-40						
-4-6	24-39						
-4-8	36-5						
-6-4	20-43						
-6-6	35-15						
-6-8	36A-59						
-6-61	70-58						
-8-4	82-14						
-8-6	2-48						
-8-8	2-15						
-8-10	2-40						
-8-14	36A-61						
-10-6	100-6						
-10-8	50-24						
PK79XZ-8-8	2-14						
PK86XA-4-6	35-43						
-10-10	3-						

REV	DATE	BY	CHK
A	11/11/55	CG	344
B	11/11/55	W	W
C	11/11/55	W	W

REV	DATE	BY	CHK
A	11/11/55	CG	344
B	11/11/55	W	W
C	11/11/55	W	W

REV	DATE	BY	CHK
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B	11/11/55	W	W
C	11/11/55	W	W

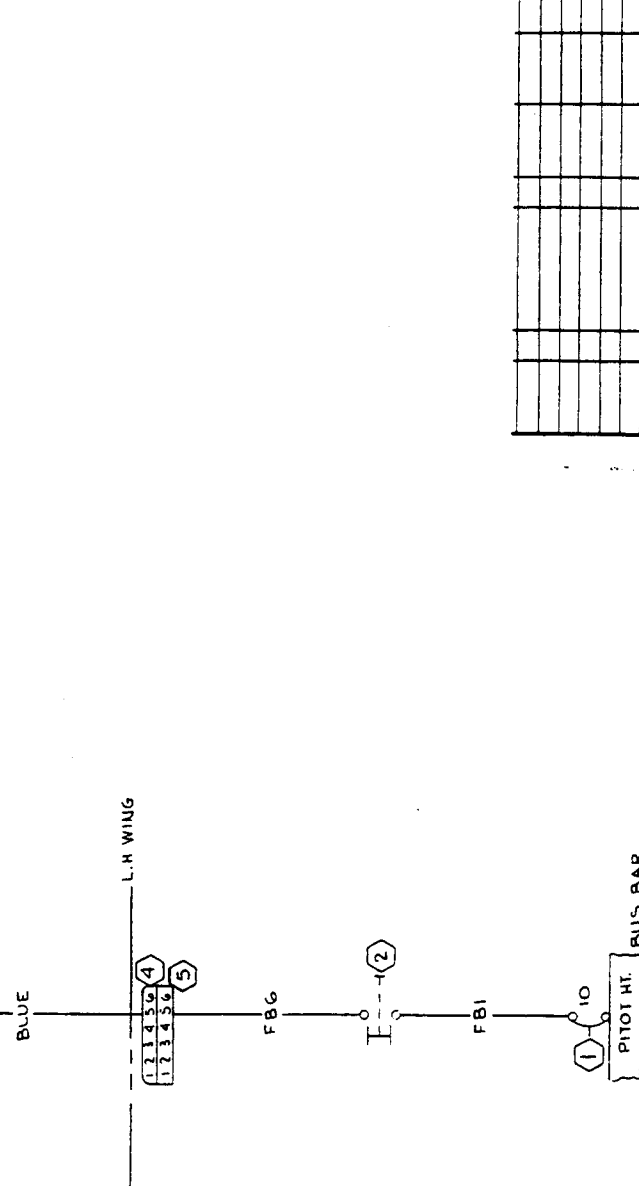
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REV	DATE	BY	CHK
A	11/11/55	CG	344
B	11/11/55	W	W
C	11/11/55	W	W

NOTES:
 1. WIRE MATERIAL PER 5-1460
 2. APPLICABLE MODELS: 172, FR172E, 141-C, & 1721



WIRE	GA	MATERIAL	LG	TERMINALS	SERIALS
BLACK 18	-16.0	5-1341-8	OPT.		
BLUE 16	-16.6	5-1341-2	STO.		
FB6 16		5-1341-8	STO.		
FB1 16		5-1341-6	STO.		

NAME	DATE	FILE
BLISS	11-13-55	
GROUP	W/11/12/16/43	
UNCL	11/12/12/12/13	
PROJ	11/12/12/12/13	

NAME	DATE	FILE
BLISS	11-13-55	
GROUP	W/11/12/16/43	
UNCL	11/12/12/12/13	
PROJ	11/12/12/12/13	

WIRE	GA	MATERIAL	LG	TERMINALS	SERIALS
BLACK 18	-16.0	5-1341-8	OPT.		
BLUE 16	-16.6	5-1341-2	STO.		
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FB1 16		5-1341-6	STO.		

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BLUE 16	-16.6	5-1341-2	STO.		
FB6 16		5-1341-8	STO.		
FB1 16		5-1341-6	STO.		

