

MOONEY M20 SERIES

PARTS CATALOG

REVISED JULY 1976

APPLICABLE TO THE FOLLOWING AIRCRAFT

MODEL	SERIAL NUMBERS	MODEL	SERIAL NUMBERS
MARK 21		SUPER 21	
1965—M20C	2807 thru 3184 and 2742	1965—M20E	470 thru 831 and 400
1966—M20C	3185 thru 3466	1966—M20E	832 thru 1308
1967—M20C	670001 thru 670149	1967—M20E	670001 thru 670062
EXECUTIVE 21		MASTER	
1967—M20F	660003 and 660004 670001 thru 670539	1965—M20D 1966 - M20D	252 thru 259 260 only

NOTE: This revised catalog supercedes the 1965-1966 Mooney M20 Series parts catalog.

A six-digit serial number code is used for all 1967 and subsequent M20 Series models. Consequently, all four-digit (1965-1966) serial number references with "& ON" designations in this catalog should be understood to include all subsequent four-digit and six-digit serial numbers for the model(s) specified.



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FOREWORD

This illustrated parts catalog is designed to assist in the identification of standard replacement parts for Mooney M20 series aircraft. The catalog features three major sections:

INTRODUCTION

The introduction section should be read carefully to become familiar with the catalog arrangement and the correct procedure in ordering parts. A group assembly index is included to help locate figure illustrations in the catalog.

GROUP ASSEMBLY PARTS LISTINGS

The body of the catalog lists all standard replaceable parts in the aircraft. No attempt has been made to list optional equipment items. Each illustration is accompanied by an assembly breakdown in its adjacent text. Those parts not listed separately are items that lose their identity through being an integral part of assemblies which would be impracticable to stock other than as complete assemblies. Common hardware used in tube and wire routing is not listed, since such items are seldom replaced or are readily available at aircraft maintenance stations.

APPENDIX

The cross-reference index in the appendix lists all six-digit numbers assigned to Mooney-manufactured parts that have corresponding four-digit numbers. All Mooney parts manufactured prior to March 1962 were identified by four-digit numbers. All Mooney parts manufactured later than March 1962 are given six-digit numbers. Analogous basic numbers in the cross-reference index are interchangeable; consequently, the cross-reference index will be helpful in discerning effectivity extensions of Mooney parts manufactured prior to March 1962.

The numerical index lists all Mooney-manufactured parts in the catalog and the pages on which they are entered.

TO LOCATE A PART

One or both of the indexes can be used in locating parts listings in the body of the catalog:

The GROUP ASSEMBLY INDEX in the introduction section of the manual lists titles and page numbers of all group assembly illustrations in the catalog. Illustration index numbers refer to index numbers in the adjoining texts (parts callouts).

The NUMERICAL INDEX in the appendix section of the manual tabulates all Mooney-manufactured part numbers listed in the catalog body with the pages on which they are entered.

The following is a brief explanation of the columns and abbreviations in the parts listings:

The FIGURE & INDEX NO. column shows the illustration figure number only at the top of each parts listing page. The figure number is followed by a dash and the index number. These index numbers are keyed to those in the accompanying illustration. Encircled illustration index numbers, without leader lines, are used to designate the entire adjacent assembly shown as a unit. Index numbers should not be used in identifying parts for purchasing purposes.

The PART NUMBER column identifies the item by its assembly or detail part number. This is the part number to be used in making an order. Mooney print numbers are used in preference to vendor numbers where possible.

The DESCRIPTION column is divided into subcolumns to show the analysis by partition of assemblies into parallel levels of subassemblies and detail parts. Attaching hardware or parts, indented with the symbol "@," are required for the installation of one unit of the foregoing assembly. Structural rivets are not tabulated, since they are often replaced in larger sizes. The abbreviation "NT" designates the more significant nonillustrated items. Attaching hardware or parts immediately follow the item they attach and precede any detail parts of the foregoing assembly in the text callout, unless the detail parts of the assembly are not individually illustrated. When detail parts of the assembly are not individually portrayed, the attaching parts follow the detail parts.

An assembly includes all constituent subassemblies or detail parts effective for the same model and serial number (and color when applicable) that follow in that listing with a greater degree of indentation to the right. Thus, a detail part can be traced to its respective higher assembly (that to which it assembles) by reading up to the first assembly listing or group of related assemblies in the first subcolumn to the left. Parts of the same description, differing only as left and right

hand units, are listed together and are followed by both identical component parts and those which are peculiar to either the left or right hand assemblies. Series of nonillustrated detail parts are listed by their spatial order within the assembly as follows: forward to aft, top to bottom, inboard to outboard, and left to right.

It should be noted that some portrayed assemblies bearing encircled index numbers omit some of the more significant detail parts (such as skins) for the purpose of clarity. Such nonillustrated parts are listed in groups following the last indexed part of that major assembly, and are set off by blank spaces both preceding and following the listed group.

Abbreviations used in the description column are as follows:

@ - attaching parts	WS - wing station	IB - inboard
NI - not illustrated	FS - fuselage station	OB - outboard
LH - left hand	BL - butt line	LE - leading edge
RH - right hand		TE - trailing edge

Each entry in the UNITS PER ASSEMBLY column represents the total number of that part or assembly used in or for one unit of the next higher assembly. Consequently, when an entry has an indented ("." or "@") part description, its units per assembly column shows the number of items required to complete or attach one unit of the next higher assembly of which it is a component or an attaching part.

The EFFECTIVITY column is blank where the part is applicable to all M20 series aircraft released from the factory October 15, 1964 through the latest catalog revision date on the lead page. An entry in the effectivity column indicates a special or limited use of that part. When the effectivity of a part is restricted to model, the following letter codes are used; "C" limits the applicability of that part to aircraft with serial number 2807C & ON; "D" limits the applicability of that part to the M20D model, serial number 252D & ON; "E" limits the applicability of that part to the M20E model, serial number 470E & ON; whereas, "F" limits the applicability of that part to the M20F model, serial number 670001F & ON. When effectivities change within the model year, the symbol "*" plus a Roman numeral refers to a footnote serial number explanation printed on the last page of the figure text.

HOW TO ORDER PARTS

Place your order with the Mooney distributor in your area. Parts are available only through the authorized Mooney distributor organization, and all orders received at the factory that originate from other sources will be returned to the area distributor for processing. Always specify the PART NUMBER, DESCRIPTION and QUANTITY of parts desired. Be sure to include the part CODE NUMBER when listed in the Parts Price List manual, and indicate the MODEL and SERIAL NUMBER of the aircraft for which the parts are intended. Give complete address information including the zip code. When the method of shipment (freight, express, parcel post, air express, air freight, or air parcel post) is not specified, or when the nature of the shipment requires special handling, parts will be shipped by the means most suitable to the shipper.

LIABILITIES

Orders are double checked before leaving the shipping department, and a packing slip is enclosed in the shipment. Claims for errors or shortages must be made within three days after receipt of orders, and no material should be returned without first obtaining written permission from the factory. Goods returned without notice will be held at the owner's risk for thirty days and will then be disposed of at the company's discretion. Transportation charges for returned goods must be prepaid or the shipment will be refused. Mooney cannot be held liable for damage to parts incurred in transit. If a shipment is received in a damaged condition, have the delivery man or shipping company make a notation of the damage and file the claim with the carrier.

CAUTION

This parts catalog is intended only to aid in the ordering of replacement parts. The illustrations omit many details for the sake of clarity. Dimensions, systems routing, and irrelevant details have been intentionally distorted for maximum economy of space utilization. Therefore, it is essential that the illustrations not be used as guides for reassembly and installation of parts.

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ELECTRICAL GROUP

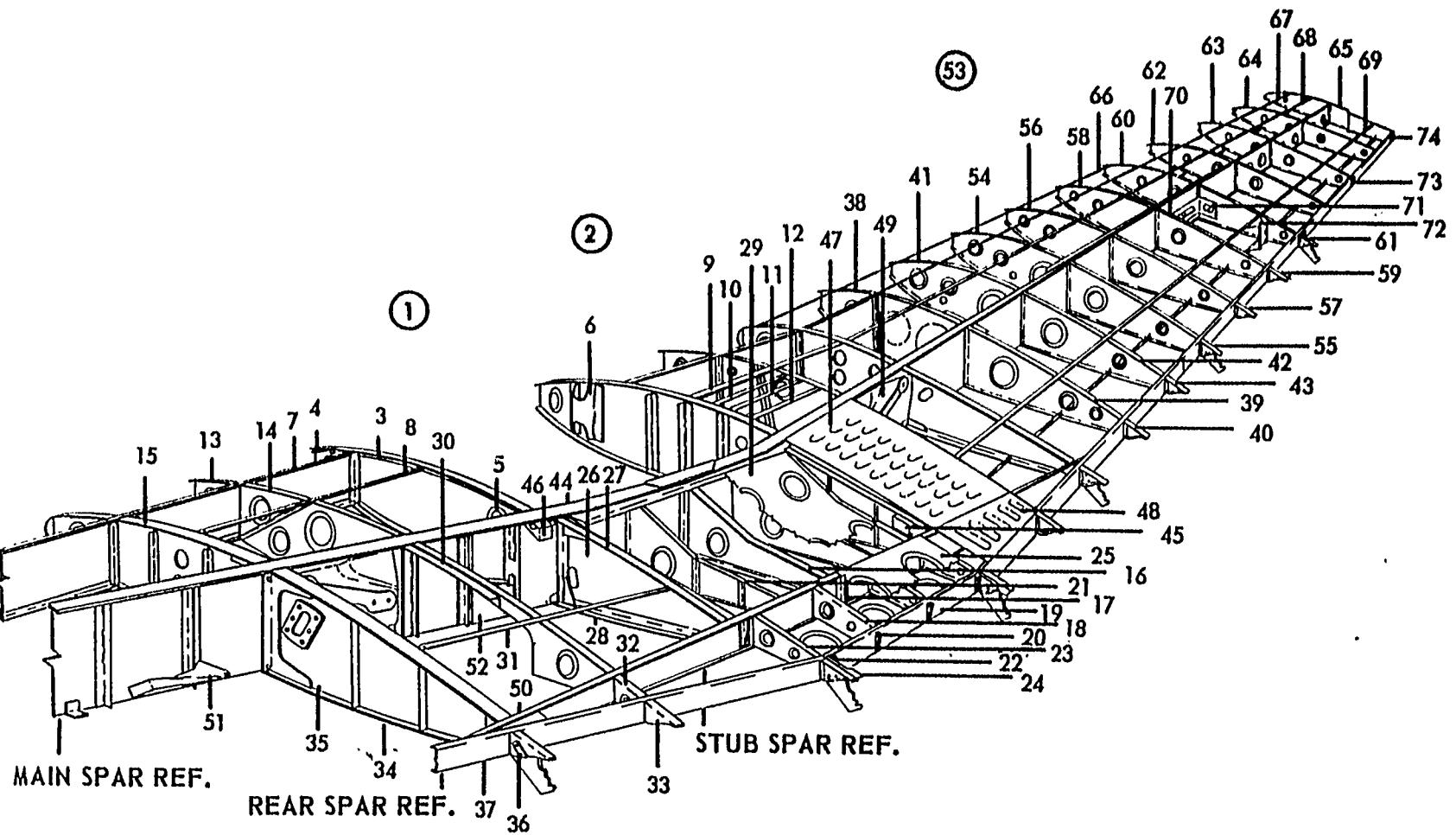
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MOONEY**M20 SERIES****PARTS CATALOG**

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1-	220000-509	WING ASSY /LESS INSPEC COVERS--SEE FIG 4/	1	CE
	220000-511	WING ASSY /LESS INSPEC COVERS--SEE FIG 4/	1	D
	220000-513	WING ASSY /LESS INSPEC COVERS--SEE FIG 4/ @ SEE FIG 2.	1	F
- 1	220000-998	• WING ASSY, CENTER SECTION.....	1	CE
	220000-999	• WING ASSY, CENTER SECTION.....	1	D
	220000-997	• WING ASSY, CENTER SECTION.....	1	F
- 2	220000-55	• • WING ASSY, FUEL TANK SECTION, LH.....	1	
	220000-56	• • WING ASSY, FUEL TANK SECTION, RH.....	1	
	AN4-7A	• • @ BOLT, NI.....	2	
	AN960-416L	• • @ WASHER, NI.....	4	
	AN365-428	• • @ NUT, NI.....	2	
	2LPH-T5-5	• • @ HUCKBOLT, NI.....	2	
	2LPH-T5-6	• • @ HUCKBOLT, NI.....	2	
	LC-C5	• • @ HUCK COLLAR, NI.....	4	
	AN4-10A	• • @ BOLT.....	4	
	AN960-416L	• • @ WASHER.....	8	
	AN365-428	• • @ NUT.....	4	
- 3	210026-1	• • RIB ASSY, LH.....	1	CDE
	210026-2	• • RIB ASSY, RH.....	1	CDE
	210026-501	• • RIB ASSY, LH.....	1	F
	210026-502	• • RIB ASSY, RH.....	1	F
	210026-9	• • • WEB, LH.....	1	
	210026-10	• • • WEB, RH.....	1	
	210026-7	• • • WEB, LH.....	1	
	210026-8	• • • WEB, RH.....	1	
	210026-19	• • • CAP, LH.....	1	
	210026-20	• • • CAP, RH.....	1	
	210026-21	• • • CAP, LH.....	1	
	210026-22	• • • CAP, RH.....	1	
	210026-23	• • • STIFFENER.....	1	
	210023-23	• • • STIFFENER.....	1	
	210026-11	• • • STIFFENER, LH.....	1	
	210026-12	• • • STIFFENER, RH.....	1	
	210026-13	• • • STIFFENER, LH.....	1	
	210026-14	• • • STIFFENER, RH.....	1	
	210026-15	• • • STIFFENER, LH.....	1	
	210026-16	• • • STIFFENER, RH.....	1	
	210026-25	• • • DOUBLER.....	1	F
	ESNA22NAIK-62	• • • NUT PLATE.....	5	
	210035-7	• • • BRACKET, UPPER CORNER, LH.....	1	
	210035-8	• • • BRACKET, UPPER CORNER, RH.....	1	
	ALPPH-T6-4	• • • @ HUCKBOLT.....	5	
	LC-C6	• • • @ HUCK COLLAR.....	5	
	210037-7	• • • BRACKET, LOWER CORNER, LH.....	1	
	210037-8	• • • BRACKET, LOWER CORNER, RH.....	1	
	ALPPH-T6-4	• • • @ HUCKBOLT.....	4	
	LC-C6	• • • @ HUCK COLLAR.....	4	
- 4	210026-27	• • • BRACKET.....	1	
	AN4-10A	• • • @ BOLT.....	1	
	AN960-416	• • • @ WASHER.....	2	
	AN365-428	• • • @ NUT.....	1	
- 5	210026-25	• • • DOUBLER.....	1	
	ESNA22NAIK-02	• • • NUT PLATE.....	5	
	ACF642354	• • • TRANSMITTER, FUEL QUANTITY, LH.....	1	
	ACF641991	• • • TRANSMITTER, FUEL QUANTITY, RH.....	1	
	ZIR100-1	• • • OUTLET, FUEL, LH, NI.....	1	



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
1- 5	210100-2	OUTLET, FUEL, RH, NI.....	1	
- 6	210069-7	BRACKET, FUSELAGE ATTACH, LH.....	1	
	210069-8	BRACKET, FUSELAGE ATTACH, RH.....	1	
	AN4-7A	@ BOLT.....	1	
	AN960-416	@ WASHER.....	2	
	AN365-428	@ NUT.....	1	
	2LPH-T5-6	@ HUCKBOLT.....	1	
	LC-C5	@ HUCK COLLAR.....	1	
- 7	210102-1	PLATE, FUEL TANK FRONT, LH.....	1	
	210102-2	PLATE, FUEL TANK FRONT, RH.....	1	
	210102-7	PLATE, LH.....	1	
	210102-8	PLATE, RH.....	1	
	210102-11	STIFFENER, UPPER, LH.....	1	
	210102-12	STIFFENER, UPPER, RH.....	1	
	210102-9	STIFFENER, LOWER, LH.....	1	
	210102-10	STIFFENER, LOWER, RH.....	1	
- 8	220000-31	STRINGER, UPPER, LH.....	1	
	220000-29	STRINGER, LOWER, LH, NI.....	1	
- 9	220000-30	STRINGER, UPPER, RH.....	1	
	220000-32	STRINGER, LOWER, RH.....	1	
	210198	STIFFENER, RH.....	1	
- 10	220000-100	STRINGER.....	1	
- 11	220000-34	STRINGER.....	1	
- 12	220000-102	STRINGER.....	1	
- 13	210028-1	RIB ASSY, LE, LH.....	1	
	210028-2	RIB ASSY, LE, RH.....	1	
	210028-7	RIB, LH.....	1	
	210028-8	RIB, RH.....	1	
	N49216	CLIP.....	2	
	6X3/8	@ SCREW.....	2	
	49244	BAND, LH.....	1	
	49246	BAND, RH.....	1	
	210028-9	BLOCK, GUIDE.....	1	
- 14	210027-1	RIB ASSY, LH.....	1	
	210027-2	RIB ASSY, RH.....	1	
	210027-7	RIB, LH.....	1	
	210027-8	RIB, RH.....	1	
	210027-9	STIFFENER, LH.....	1	
	210027-10	STIFFENER, RH.....	1	
	210027-11	STIFFENER, LH.....	1	
	210027-12	STIFFENER, RH.....	1	
	210027-13	STIFFENER, LH.....	1	
	210027-14	STIFFENER, RH.....	1	
- 15	210029-1	RIB ASSY, LE, LH.....	1	CDE
	210029-2	RIB ASSY, LE, RH.....	1	CDE
	210029-9	RIB, LH.....	1	CDE
	210029-10	RIB, RH.....	1	CDE
	210029-37	DOUBLER, LH.....	1	CDF
	210029-38	DOUBLER, RH.....	1	CDE
	210029-17	BLOCK, GUIDE.....	1	CDE
	210029-7	WEB, LH.....	1	CDE
	210029-8	WEB, RH.....	1	CDE
	210029-29	CAP, UPPER, LH.....	1	CDF
	210029-30	CAP, UPPER, RH.....	1	CDE
	210029-31	CAP, LOWER, LH.....	1	CDE
	210029-32	CAP, LOWER, RH.....	1	CDF
	210029-11	STIFFENER.....	1	CDE

MOONEY



M20 SERIES

PARTS CATALOG

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
1- 15	210029-13	• • . STIFFENER.....	1	CDE
	210029-15	• • . STIFFENER.....	1	CDE
	210036-7	• • . BRACKET, UPPER CORNER, OB, LH....	1	CDE
	210036-8	• • . BRACKET, UPPER CORNER, OB, RH....	1	CDE
	210036-7	• • . BRACKET, UPPER CORNER, IB, LH....	1	CDE
	210035-8	• • . BRACKET, UPPER CORNER, IB, RH....	1	CDE
	ALPPH-T6-6	• • . @ HUCKBOLT.....	2	CDE
	ALPPH-T6-7	• • . @ HUCKBOLT.....	3	CDE
	LC-C6	• • . @ HUCK COLLAR.....	5	CDE
	210034-7	• • . BRACKET, LOWER CORNER, OB, LH....	1	CDE
	210034-8	• • . BRACKET, LOWER CORNER, OB, RH....	1	CDE
	210033-7	• • . BRACKET, LOWER CORNER, IB, LH....	1	CDE
	210033-8	• • . BRACKET, LOWER CORNER, IB, RH....	1	CDE
	ALPPH-T6-6	• • . @ HUCKBOLT.....	2	CDE
	ALPPH-T6-7	• • . @ HUCKBOLT.....	2	CDE
	LC-C6	• • . @ HUCK COLLAR.....	4	CDE
	220000-161	• • . SKIN, FUEL TANK, LH, NI.....	1	
	220000-162	• • . SKIN, FUEL TANK, RH, NI.....	1	CDE
	220000-163	• • . SKIN, FUEL TANK, RH, NI.....	1	F
	210098-501	• • . VENT TANK, LH, NI.....	1	
	210098-502	• • . VENT TANK, RH, NI.....	1	
	610036-503	• • . CAP ASSY, FUEL TANK FILLER, LH, NI.	1	CDE
	610036-504	• • . CAP ASSY, FUEL TANK FILLER, RH, NI.	1	CDE
	610158-1	• • . CAP ASSY, FUEL TANK FILLER, LH, NI.	1	F
	610158-2	• • . CAP ASSY, FUEL TANK FILLER, RH, NI.	1	F
	F-391-80-1F	• • . VALVE, FLUSH.....	1	
	220004-1	• • . FUEL TANK ASSY, OB, LH, NI.....	1	F
	220004-2	• • . FUEL TANK ASSY, OB, RH, NI.....	1	F
	210029-503	• • . RIB ASSY, IB, LH / INDEX NOS. 15&34/	1	F
	210029-504	• • . RIB ASSY, IB, RH / INDEX NOS. 15&34/	1	F
	210029-53	• • . RIB ASSY, FWD, LH.....	1	F
	210029-54	• • . RIB ASSY, FWD, RH.....	1	F
	210029-9	• • . RIB, LH.....	1	F
	210029-10	• • . RIB, RH.....	1	F
	210029-17	• • . BLOCK, GUIDE.....	1	F
	210029-51	• • . WEB, LH.....	1	F
	210029-52	• • . WEB, RH.....	1	F
	210029-49	• • . CAP, UPPER, LH.....	1	F
	210029-50	• • . CAP, UPPER, RH.....	1	F
	210029-47	• • . CAP, LOWER, LH.....	1	F
	210029-48	• • . CAP, LOWER, RH.....	1	F
	210029-57	• • . TUBE, BEARING.....	12	F
	210029-11	• • . STIFFENER.....	1	F
	210029-13	• • . STIFFENER.....	1	F
	210029-15	• • . STIFFENER.....	1	F
	210036-7	• • . BRACKET, UPPER CORNER, OB, LH..	1	F
	210036-8	• • . BRACKET, UPPER CORNER, OB, RH..	1	F
	210035-7	• • . BRACKET, UPPER CORNER, IB, LH..	1	F
	210035-8	• • . BRACKET, UPPER CORNER, IB, RH..	1	F
	ALPPH-T6-6	• • . @ HUCKBOLT.....	2	F
	ALPPH-T6-7	• • . @ HUCKBOLT.....	3	F
	LC-C6	• • . @ HUCK COLLAR.....	5	F
	210034-7	• • . BRACKET, LOWER CORNER, OB, LH..	1	F
	210034-8	• • . BRACKET, LOWER CORNER, OB, RH..	1	F
	210033-7	• • . BRACKET, LOWER CORNER, IB, LH..	1	F



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
1- 15	210033-8	• BRACKET, LOWER CORNER, LH, RH..	1	F
	ALPPH-T6-6	• @ HUCKBOLT.....	2	F
	ALPPH-T6-7	• @ HUCKBOLT.....	2	F
	LC-C6	• @ HUCK COLLAR.....	4	F
	210029-3	• RIB ASSY, AFT, LH.....	1	F
	210029-4	• RIB ASSY, AFT, RH.....	1	F
		• SEE INDEX #34 FOR DETAIL PARTS		
	220004-11	• . . . SKIN, LH, NI.....	1	F
	220004-12	• . . . SKIN, RH, NI.....	1	F
- 16	210020	• . . RIB ASSY.....	1	
	210020-7	• . . WEB.....	1	
	210020-17	• . . CAP, UPPER.....	1	
	210020-15	• . . CAP, LOWER.....	1	
	210020-19	• . . CAP, FWD.....	1	
	210068-7	• . . GUSSET, LH.....	1	
	210068-8	• . . GUSSET, RH.....	1	
	210020-13	• . . STIFFENER.....	1	
	210020-9	• . . STIFFENER.....	1	
- 17	210054-17	• . . STIFFENER.....	1	
	210064	• . . SPACER.....	1	
- 18	210052-7	• . . RIB, LH.....	1	
	210052-8	• . . RIB, RH.....	1	
- 19	210057-1	• . . SPAR ASSY, REAR CENTER SPLICE.....	1	
	210057-7	• . . SPAR.....	1	
	210057-9	• . . PLATE.....	1	
	210057-13	• . . PLATE.....	1	
- 20	750013-7	• . . BRACKET, FLAP TORQUE TUBE.....	2	
	AN3-5	• . . @ BOLT.....	4	
	AN960-10	• . . @ WASHER.....	4	
	AN365-1032	• . . @ NUT.....	4	
- 21	210021-1	• . . RIB ASSY, LH.....	1	
	210021-2	• . . RIB ASSY, RH.....	1	
	210021-7	• . . RIB, LH.....	1	
	210021-8	• . . RIB, RH.....	1	
	210021-15	• . . STIFFENER.....	1	
	210021-17	• . . STIFFENER.....	1	
	210021-18	• . . STIFFENER.....	1	
	210021-19	• . . STIFFENER.....	1	
- 22	750013-7	• . . BRACKET, FLAP TORQUE TUBE.....	2	
	210115-7	• . . SPACER, LH, NI.....	1	
	210115-8	• . . SPACER, RH, NI.....	1	
	750012-7	• . . @ SPACER, NI.....	2	
	AN3-12A	• . . @ BOLT, NI.....	2	
	AN960-10	• . . @ WASHER, NI.....	2	
	AN365-1032	• . . @ NUT, NI.....	2	
- 23	210053-7	• . . RIB, LH.....	1	
	210053-8	• . . RIB, RH.....	1	
- 24	210050-9	• . . RIB, LH.....	1	
	210050-10	• . . RIB, RH.....	1	
	210049-7	• . . RIB, LH.....	1	
	210049-8	• . . RIB, RH.....	1	
	210104	• . . ARM, FLAP HINGE, NI.....	2	
	AN3-6A	• . . @ BOLT.....	3	
	AN960-10L	• . . @ WASHER.....	6	
	AN365-1032	• . . @ NUT.....	3	

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FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
- 24	210106-501	. . FAIRING, FLAP HINGE, LH.....	1	
	210106-502	. . FAIRING, FLAP HINGE, RH.....	1	
- 25	210075	. . PLATE, TOP.....	1	
	210076	. . PLATE, BOTTOM.....	1	
- 26	210022-1	. . RIB ASSY, LH.....	1	
	210022-2	. . RIB ASSY, RH.....	1	
	2LPH-T5-7	. . @ HUCKBOLT.....	3	
	LC-C5	. . @ HUCK COLLAR.....	3	
	210066	. . @ FILLER, MAIN SPAR, NI.....	2	
	340051-7	. . @ FITTING, SHEAR, LH, NI.....	1	
	340051-8	. . @ FITTING, SHEAR, RH, NI.....	1	
	AN4-4A	. . @ BOLT, NI.....	6	
	AN363-428	. . @ NUT, NI.....	6	
	AN960-416	. . @ WASHER, NI.....	6	
	210022-7	. . WEB, LH.....	1	
	210022-8	. . WEB, RH.....	1	
	210022-21	. . CAP, FWD, LH.....	1	
	210022-22	. . CAP, FWD, RH.....	1	
	210087	. . BRACKET, UPPER CORNER, OB.....	1	
	210086	. . BRACKET, UPPER CORNER, IB.....	1	
	2LPH-T5-4	. . @ HUCKBOLT.....	5	
	LC-C5	. . @ HUCK COLLAR.....	5	
	210085-9	. . BRACKET, LOWER CORNER, OB, LH.....	1	
	210085-10	. . BRACKET, LOWER CORNER, OB, RH.....	1	
	210024-501	. . BRACKET, LOWER CORNER, IB, LH.....	1	
	210024-502	. . BRACKET, LOWER CORNER, IB, RH.....	1	
	210022-19	. . CAP, UPPER, LH.....	1	
	210022-20	. . CAP, UPPER, RH.....	1	
	210022-17	. . CAP, LOWER, LH.....	1	
	210022-18	. . CAP, LOWER, RH.....	1	
	210022-13	. . STIFFENER, OB.....	1	
	210022-15	. . STIFFENER, IB.....	1	
	210022-23	. . DOUBLER.....	1	
	210022-25	. . BLOCK, GUIDE.....	1	
	210022-27	. . BRACKET, CENTER PLATE SUPPORT, LH..	1	
	210022-28	. . BRACKET, CENTER PLATE SUPPORT, RH..	1	
	210022-29	. . BRACKET, CENTER PLATE SUPPORT, LH..	1	
	210022-30	. . BRACKET, CENTER PLATE SUPPORT, RH..	1	
	210022-9	. . STIFFENER.....	1	
	210022-11	. . STIFFENER.....	1	
	210060	. . SPACER.....	1	
27	210023-7	. . RAIL, Z, UPPER, LH.....	1	
	210023-8	. . RAIL, Z, UPPER, RH.....	1	
28	210023-9	. . RAIL, Z, LOWER, LH.....	1	
	210023-10	. . RAIL, Z, LOWER, RH.....	1	
29	210072	. . PLATE, UPPER CENTER.....	1	CDE
	210072-501	. . PLATE, UPPER CENTER.....	1	F
	210112	. . COVER, NI.....	5	*I
	210112	. . COVER, NI.....	6	*VII
	210112-3	. . COVER, NI.....	1	*I
	913046	. . CLIP, NI.....	4	*I
	210211	. . CLIP.....	5	*VII
	750013-9	. . BRACKET, SEAT ATTACH, NI.....	1	CDE
	140119	. . BRACKET, SEAT ATTACH.....	1	F
	210073	. . PLATE, LOWER CENTER, NI.....	1	
	750009-7	. . BRACKET, HYDRAULIC FLAP CONTROL, NI..	1	
30	210120-1	. . RIB ASSY, LH.....	1	



FIGURE & INDEX NOS.	PART NUMBER	DESCRIP N	UNITS PER ASSEMBLY	EFFEC.
1- 30	210120-2	• • RIB ASSY, RH.....	1	
	210120-7	• • • RIB, LH.....	1	
	210120-8	• • • RIB, RH.....	1	
	210120-13	• • • TIE.....	1	
	210120-15	• • • EXTENSION, LH.....	1	
	210120-16	• • • EXTENSION, RH.....	1	
	210120-17	• • • STRIP, FILLER.....	1	
	21C120-11	• • • STIFFENER, LH.....	1	
	21C120-12	• • • STIFFENER, RH.....	1	
	210080	• • • BRACKET.....	1	
- 31	220000-27	• • STRINGER, LH.....	1	
	220000-28	• • STRINGER, RH.....	1	
- 32	210120-9	• • RIB, LH.....	1	
	210120-10	• • RIB, RH.....	1	
- 33	210048-7	• • RIB, LH.....	1	
	210048-8	• • RIB, RH.....	1	
- 34	210029-3	• • RIB ASSY, LH.....	1	
	21C029-4	• • RIB ASSY, RH.....	1	
	210029-19	• • WEB, LH.....	1	
	210029-20	• • WEB, RH.....	1	
	210032-7	• • • BRACKET, OB, LH.....	1	
	210032-8	• • • BRACKET, OB, RH.....	1	
	210031-7	• • • BRACKET, UPPER, IB, LH.....	1	
	210031-8	• • • BRACKET, UPPER, IB, RH.....	1	
	ALPPH-T6-7	• • • a HUCKBOLT.....	6	
	ALPPH-T6-6	• • • a HUCKBOLT.....	2	
	LC-C6	• • • a HUCK COLLAR.....	8	
	210030-7	• • • BRACKET, LOWER, IB, LH.....	1	
	21C030-8	• • • BRACKET, LOWER, IB, RH.....	1	
	ALPPH-T6-7	• • • a HUCKBOLT.....	5	
	ALPPH-T6-6	• • • a HUCKBOLT.....	2	
	LC-C6	• • • a HUCK COLLAR.....	7	
	210029-33	• • • CAP, UPPER, LH.....	1	
	210029-34	• • • CAP, UPPER, RH.....	1	
	210029-35	• • • CAP, LOWER, LH.....	1	
	210029-36	• • • CAP, LOWER, RH.....	1	
	210029-27	• • • BRACKET, LH.....	1	
	210029-28	• • • BRACKET, RH.....	1	
	210029-23	• • • STIFFENER.....	1	
	210029-25	• • • STIFFENER.....	1	
	210029-21	• • • BLOCK, GUIDE.....	2	
	AN526-1032R14	• • • a SCREW.....	6	
	AN960-10L	• • • a WASHER.....	12	
	AN363-1032	• • • a NUT.....	6	
- 35	AN44-5A	• • • BOLT, EYE.....	2	
	AN363-524	• • • NUT.....	2	
	AN960-516L	• • • WASHER.....	2	
- 36	210050-7	• • • RIB, TE, LH.....	1	
	210050-8	• • • RIB, TE, RH.....	1	
	210105-501	• • • ARM.....	2	
	AN3-5A	• • • a BOLT.....	2	
	AN960-10L	• • • a WASHER.....	2	
	AN363-1032	• • • a NUT.....	2	
	210106-501	• • • FAIRING, FLAP HINGE, LH.....	1	
	210106-502	• • • FAIRING, FLAP HINGE, RH.....	1	
- 37	210058-7	• • • PLATE, SPLICE, LH.....	1	
	210058-8	• • • PLATE, SPLICE, RH.....	1	

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FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
1- 37	210062	. . . FILLER, NI.....	1	
	2LPH-T5-4	. . . @ HUCKBOLT, NI.....	5	
	LC-C5	. . . @ HUCK COLLAR, NI.....	5	
	210063	. . . FILLER, NI.....	1	
- 38	210038-1	. . . RIB ASSY, LH.....	1	CDE
	210038-2	. . . RIB ASSY, RH.....	1	CDE
	210038-7	. . . RIB, LH.....	1	CDE
	210038-8	. . . RIB, RH.....	1	CDE
	210038-19	. . . DOUBLER.....	1	CDE
	210038-21	. . . BLOCK, GUIDE.....	1	CDE
	210038-15	. . . GUSSET, UPPER CORNER, LH.....	1	CDE
	210038-16	. . . GUSSET, UPPER CORNER, RH.....	1	CDE
	210038-11	. . . GUSSET, LOWER CORNER, LH.....	1	CDE
	210038-12	. . . GUSSET, LOWER CORNER, RH.....	1	CDE
- 39	210038-3	. . . RIB ASSY, LH.....	1	
	210038-4	. . . RIB ASSY, RH.....	1	
	210038-9	. . . RIB, LH.....	1	
	210038-10	. . . RIB, RH.....	1	
	210038-17	. . . GUSSET, UPPER CORNER, LH.....	1	
	210038-18	. . . GUSSET, UPPER CORNER, RH.....	1	
	210038-13	. . . GUSSET, LOWER CORNER, LH.....	1	
	210038-14	. . . GUSSET, LOWER CORNER, RH.....	1	
- 40	210048-7	. . . RIB, TE, LH.....	1	
	210048-8	. . . RIB, TE, RH.....	1	
- 41	210039-1	. . . RIB, ASSY, LH.....	1	
	210039-2	. . . RIB, ASSY, RH.....	1	
	210039-7	. . . RIB, LH.....	1	
	210039-8	. . . RIB, RH.....	1	
	210039-11	. . . DOUBLER.....	1	
	210039-13	. . . BLOCK, GUIDE.....	1	
- 42	210039-9	. . . RIB, LH.....	1	
	210039-10	. . . RIB, RH.....	1	
- 43	210048-7	. . . RIB, TE, LH.....	1	
	210048-8	. . . RIB, TE, RH.....	1	
- 44	210117-1	. . . BRACKET, CONTROL IDLER ARM, LH.....	1	
	210117-2	. . . BRACKET, CONTROL IDLER ARM, RH.....	1	
	210116-7	. . . PLATE, LH.....	1	
	210116-8	. . . PLATE, RH.....	1	
- 45	210088-7	. . . BRACKET, REAR SEAT LOWER MOUNTING...	2	
	AN3-5A	. . . @ BOLT.....	4	
	AN3-4A	. . . @ BOLT.....	2	
	AN960-10L	. . . @ WASHER.....	6	
	AN365-1032	. . . @ NUT.....	6	
- 46	560022-1	. . . BRACKET ASSY, LH.....	1	
	560022-2	. . . BRACKET ASSY, RH.....	1	
	560023-7	. . . BRACKET, LH.....	1	
	560023-8	. . . BRACKET, RH.....	1	
	2LPH-T5-6	. . . @ HUCKBOLT.....	6	
	2LPH-T5-7	. . . @ HUCKBOLT.....	6	
	LC-C5	. . . @ HUCK COLLAR.....	12	
- 47	210094	. . . PLATE, WING WALK SUPPORT.....	1	
- 48	210095	. . . PLATE, AFT WING WALK SUPPORT.....	1	
- 49	210140-13	. . . BOX ASSY, FWD, MAIN GEAR ATTACH, LH..	1	
	210140-14	. . . BOX ASSY, FWD, MAIN GEAR ATTACH, RH..	1	
	2LPH-T5-9	. . . @ HUCKBOLT.....	8	
	2LPH-T5-8	. . . @ HUCKBOLT.....	2	
	2LPH-T5-7	. . . @ HUCKBOLT.....	2	



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FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
1- 49	2LPH-T5-6	• • 2 HUCKBOLT.....	2	
	2LPH-T5-5	• • 2 HUCKBOLT.....	15	
	2LPH-T5-4	• • 2 HUCKBOLT.....	11	
	2L426H-T5-8	• • 2 HUCKBOLT.....	2	
	AN960-8L	• • 2 WASHER.....	2	
	LC-C5	• • 2 HUCK COLLAR.....	40	
- 50	210067-7	• • BRACKET, REAR MAIN GEAR ATTACH,LH,NI.	1	
	210067-8	• • BRACKET, REAR MAIN GEAR ATTACH,RH,NI.	1	
	210067-9	• • BRACKET, REAR MAIN GEAR ATTACH, NI....	1	
	AN4-16A	• • 2 BOLT, NI.....	2	
	AN4-14A	• • 2 BOLT, NI.....	2	
	AN4-13A	• • 2 BOLT, NI.....	2	
	AN960-416	• • 2 WASHER, NI.....	6	
	#3018	• • ZERK, GREASE, NI.....	1	
	510004	• • SHIM /-9, -11, -13, -15, -17/ NI....	AR	
- 51	560028-1	• • BRACKET, SPRING ATTACH, LH.....	1	
	560028-2	• • BRACKET, SPRING ATTACH, RH.....	1	
- 52	210078-35	• • PLATE, LH.....	1	
	210078-36	• • PLATE, RH.....	1	
	210078-501	• • SKIN ASSY, WHEELWELL, LH, NI.....	1	CEF
	210078-502	• • SKIN ASSY, WHEELWELL, RH, NI.....	1	CEF
	210078-503	• • SKIN ASSY, WHEELWELL, LH, NI.....	1	D
	210078-504	• • SKIN ASSY, WHEELWELL, RH, NI.....	1	D
	210078-505	• • SKIN ASSY, WHEELWELL, LH, NI.....	1	CEF
	210078-506	• • SKIN ASSY, WHEELWELL, RH, NI.....	1	CEF
	210078-507	• • SKIN ASSY, WHEELWELL, LH, NI.....	1	CEF
	210078-508	• • SKIN ASSY, WHEELWELL, RH, NI.....	1	CEF
		• • SEE FIG NO. 4 FOR DETAIL PARTS.		
	220000-17	• • SKIN, TOP, LH, NI.....	1	
	220000-18	• • SKIN, TOP, RH, NI.....	1	
	210103-7	• • DOUBLER, TOP, LH, NI.....	1	
	210103-8	• • DOUBLER, TOP, RH, NI.....	1	
	210074-7	• • DOUBLER, BOTTOM, LH, NI.....	1	
	210074-8	• • DOUBLER, BOTTOM, RH, NI.....	1	
	220000-19	• • SKIN, BOTTOM, LH, NI.....	1	
	220000-20	• • SKIN, BOTTOM, RH, NI.....	1	
	220000-159	• • SKIN, TE, LH, NI.....	1	
	220000-160	• • SKIN, TE, RH, NI.....	1	
	220000-141	• • SKIN, LH, NI.....	1	COE
	220000-142	• • SKIN, RH, NI.....	1	COE
	220000-958	• • FALSE BOTTOM ASSY, NI.....	1	CDE
	220000-961	• • FALSE BOTTOM ASSY, NI.....	1	F
		• • 2 SEE FIG 12 FOR DETAIL PARTS & HDW.		
- 53	220000-927	• • WING ASSY, OUTBOARD SECTION, LH.....	1	CE
	220000-928	• • WING ASSY, OUTBOARD SECTION, RH.....	1	CE
	220000-929	• • WING ASSY, OUTBOARD SECTION, LH.....	1	D
	220000-930	• • WING ASSY, OUTBOARD SECTION, RH.....	1	D
	220000-931	• • WING ASSY, OUTBOARD SECTION, LH.....	1	F
	220000-932	• • WING ASSY, OUTBOARD SECTION, RH.....	1	F
	2LPH-T5-6	• • 2 HUCKBOLT.....	16	
	LC-C5	• • 2 HUCK COLLAR.....	16	
- 54	210040-1	• • RIB ASSY, LH.....	1	
	210040-2	• • RIB ASSY, RH.....	1	
	210040-7	• • RIB, LH.....	1	
	210040-8	• • RIB, RH.....	1	

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FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
1- 54	210040-11	• • • DOUBLER.....	1	
	210040-13	• • • BLOCK, GUIDE.....	1	
	210040-9	• • • RIB, CENTER, LH.....	1	
	210040-10	• • • RIB, CENTER, RH.....	1	
- 55	210050-7	• • RIB, TE, LH.....	2	
	210050-8	• • RIB, TE, RH.....	2	
	210105	• • ARM, NI.....	1	*I
	210105-501	• • ARM, NI.....	1	*II
	AN3-5A	• • 8 BOLT.....	2	
	AN960-10L	• • 8 WASHER.....	2	
	AN363-1032	• • 8 NUT.....	2	
	210106-501	• • FAIRING, FLAP HINGE, LH.....	2	
	210106-502	• • FAIRING, FLAP HINGE, RH.....	2	
	210114-9	• • BLOCK, FAIRING, NI.....	1	
	220000-138	• • BOLT, FAIRING, NI.....	1	
	AN315-3	• • NUT, FAIRING.....	1	
- 56	210041-1	• • RIB ASSY, LH.....	1	
	210041-2	• • RIB ASSY, RH.....	1	
	210041-7	• • RIB, LE, LH.....	1	
	210041-8	• • RIB, LE, RH.....	1	
	210041-11	• • DOUBLER.....	1	
	210041-13	• • BLOCK, GUIDE.....	1	
	210041-9	• • RIB, CENTER, LH.....	1	
	210041-10	• • RIB, CENTER, RH.....	1	
- 57	210048-7	• • RIB, TE, LH.....	1	
	210048-8	• • RIB, TE, RH.....	1	
- 58	210042-1	• • RIB ASSY, LH.....	1	
	210042-2	• • RIB ASSY, RH.....	1	
	210042-7	• • RIB, LE, LH.....	1	
	210042-8	• • RIB, LE, RH.....	1	
	210042-11	• • DOUBLER.....	1	
	210042-13	• • BLOCK, GUIDE.....	1	
	210042-15	• • CLIP.....	1	
	210042-9	• • RIB, CENTER, LH.....	1	
	210042-10	• • RIB, CENTER, RH.....	1	
- 59	210048-7	• • RIB, TE, LH.....	1	
	210048-8	• • RIB, TE, RH.....	1	
- 60	210043-7	• • RIB, LE, LH.....	1	
	210043-8	• • RIB, LE, RH.....	1	
	210043-9	• • RIB, CENTER, LH.....	1	
	210043-10	• • RIB, CENTER, RH.....	1	
- 61	210051-7	• • RIB, TE, LH.....	1	
	210051-8	• • RIB, TE, RH.....	1	
	210107-1	• • HINGE, AILERON BEARING.....	1	
	210019-11	• • PLATE, LH, NI.....	1	
	210019-12	• • PLATE, RH, NI.....	1	
	AN3-4A	• • 8 BOLT.....	4	
	AN960-10L	• • 8 WASHER.....	8	
	AN365-1032	• • 8 NUT.....	4	
- 62	210044-7	• • RIB, LE, LH.....	1	CDE
	210044-8	• • RIB, LE, RH.....	1	CDE
	210236-1	• • RIB, LE, LH.....	1	F
	210236-2	• • RIB, LE, RH.....	1	F
	210044-9	• • RIB, CENTER, LH.....	1	
	210044-10	• • RIB, CENTER, RH.....	1	
- 63	210045-7	• • RIB, LE, LH.....	1	CDE
	210045-8	• • RIB, LE, RH.....	1	CDE



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
1- 63	210237-1	• • RIB, LE, LH.....	1	F
	210237-2	• • RIB, LE, RH.....	1	F
	210045-9	• • RIB, CENTER, LH.....	1	
	210045-10	• • RIB, CENTER, RH.....	1	
- 64	210046-7	• • RIB, LE, LH.....	1	CDE
	210046-8	• • RIB, LE, RH.....	1	CDE
	210238-1	• • RIB, LE, LH.....	1	F
	210238-2	• • RIB, LE, RH.....	1	F
	210046-9	• • RIB, CENTER, LH.....	1	
	210046-10	• • RIB, CENTER, RH.....	1	
- 65	210047-503	• • RIB ASSY, LH.....	1	CDE
	210047-504	• • RIB ASSY, RH.....	1	CDE
	210239-1	• • RIB ASSY, LH.....	1	F
	210239-2	• • RIB ASSY, RH.....	1	F
	210047-11	• • RIB, LH.....	1	CDE
	210047-12	• • RIB, RH.....	1	CDE
	210239-3	• • RIB, LH.....	1	F
	210239-4	• • RIB, RH.....	1	F
	AN366F-632	• • NUT PLATE, NI.....	3	
- 66	220000-135	• • STRINGER, LH.....	1	
	220000-136	• • STRINGER, RH.....	1	
- 67	220000-131	• • STRINGER, TOP, LH.....	1	
	220000-132	• • STRINGER, TOP, RH.....	1	
	220000-133	• • STRINGER, BOTTOM, LH.....	1	
	220000-134	• • STRINGER, BOTTOM, RH.....	1	
- 68	220000-127	• • STRINGER, TOP, LH.....	1	
	220000-128	• • STRINGER, TOP, RH.....	1	
	220000-129	• • STRINGER, BOTTOM, LH.....	1	
	220000-130	• • STRINGER, BOTTOM, RH.....	1	
- 69	220000-137	• • STRINGER, TOP, LH.....	1	
	220000-124	• • STRINGER, TOP, RH.....	1	
	220000-125	• • STRINGER, BOTTOM, LH.....	1	
	220000-126	• • STRINGER, BOTTOM, RH.....	1	
- 70	210070-1	• • BRACKET ASSY, AIL BELCRK, TOP, LH, NI	1	
	210070-2	• • BRACKET ASSY, AIL BELCRK, TOP, RH, NI	1	
	210070-7	• • BRACKET, LH, NI.....	1	
	210070-8	• • BRACKET, RH, NI.....	1	
	210070-9	• • STIFFENER, NI.....	1	
	210070-3	• • BRACKET ASSY, AIL BELCRK, BOT, LH, NI	1	
	210070-4	• • BRACKET ASSY, AIL BELCRK, BOT, RH, NI	1	
	210070-7	• • BRACKET, LH.....	1	
	210070-8	• • BRACKET, RH, NI.....	1	
	210070-9	• • STIFFENER, LH, NI.....	1	
	210070-11	• • STIFFENER, LH, NI.....	1	
	210070-12	• • STIFFENER, RH, NI.....	1	
	730004	• • BRACKET ASSY, AILERON STOP.....	1	
	730004-9	• • 2 BOLT.....	2	
	AN960-416	• • 2 WASHER.....	2	
	AN316-4	• • 2 NUT.....	2	
	730004-7	• • BRACKET.....	1	
	AN366F-428	• • NUT PLATE.....	2	
- 71	210005-23	• • DOUBLER, LH.....	1	
	210005-24	• • DOUBLER, RH.....	1	
- 72	210152-1	• • BRACKET, AILERON SERVO, LH.....	1	*I
	210152-2	• • BRACKET, AILERON SERVO, RH.....	1	*I
	210202-1	• • BRACKET, AILERON SERVO, LH.....	1	*V
	210202-2	• • BRACKET, AILERON SERVO, RH.....	1	*V

MOONEY**M20 SERIES****PARTS CATALOG**

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
1- 72	210230-1	. . . BRACKET, AILERON SERVO, LH.....	1	*VI
	210230-2	. . . BRACKET, AILERON SERVO, RH.....	1	*VI
- 73	210107	. . . HINGE, AILERON BEARING.....	1	
	210019-13	. . . PLATE, LH, NI.....	1	
	210019-14	. . . PLATE, RH, NI.....	1	
	AN3-4A	. . . 8 BOLT.....	4	
	AN960-10L	. . . 8 WASHER.....	8	
	AN365-1032	. . . 8 NUT.....	4	
- 74	210107	. . . HINGE, AILERON BEARING.....	1	
	210019-15	. . . PLATE, LH, NI.....	1	
	210019-16	. . . PLATE, RH, NI.....	1	
	AN3-4A	. . . 8 BOLT.....	4	
	AN960-10L	. . . 8 WASHER.....	8	
	AN365-1032	. . . 8 NUT.....	4	
	220000-143	. . . SKIN, LH, NI.....	1	
	220000-144	. . . SKIN, RH, NI.....	1	
	220000-121	. . . SKIN, TE, LH, NI.....	1	
	220000-122	. . . SKIN, TE, RH, NI.....	1	
	220000-145	. . . SKIN, LH, NI.....	1	CDE
	220000-146	. . . SKIN, RH, NI.....	1	CDE
	220000-167	. . . SKIN, LH, NI.....	1	F
	220000-168	. . . SKIN, RH, NI.....	1	
	210091	. . . FAIRING, AILERON CONTROL ROD, NI.....	1	
	210091-7	. . . SEAL, AIR, NI.....	1	
	210092-9	. . . SEAL, AIR, NI.....	1	
	220000-147	. . . SKIN, LH, NI.....	1	CDE
	220000-148	. . . SKIN, RH, NI.....	1	CDE
	220000-165	. . . SKIN, LH, NI.....	1	F
	220000-166	. . . SKIN, RH, NI.....	1	F
	210092-11	. . . SEAL, AIR, NI.....	1	
	210092-13	. . . SEAL, AIR, NI.....	1	
*I- 2807C-3184C, 252D-259D, 470E-831E				
*II- 3185C & DN, 260D & DN, 832E & DN				
*III- 2807C-2894C, 252D, 470E-471E				
*IV- 2895C & DN, 253D & DN, 472E & DN				
*V- 3185C-3347C, 260D & DN, 832E-1043E				
*VI- 3384C & DN, 1044E & DN, 670001F & DN				
*VII- 3185C & DN, 260D & DN, 832E & DN, 670001F & DN				

MOONEY



M 20 SERIES

P A R T S C A T A L O G

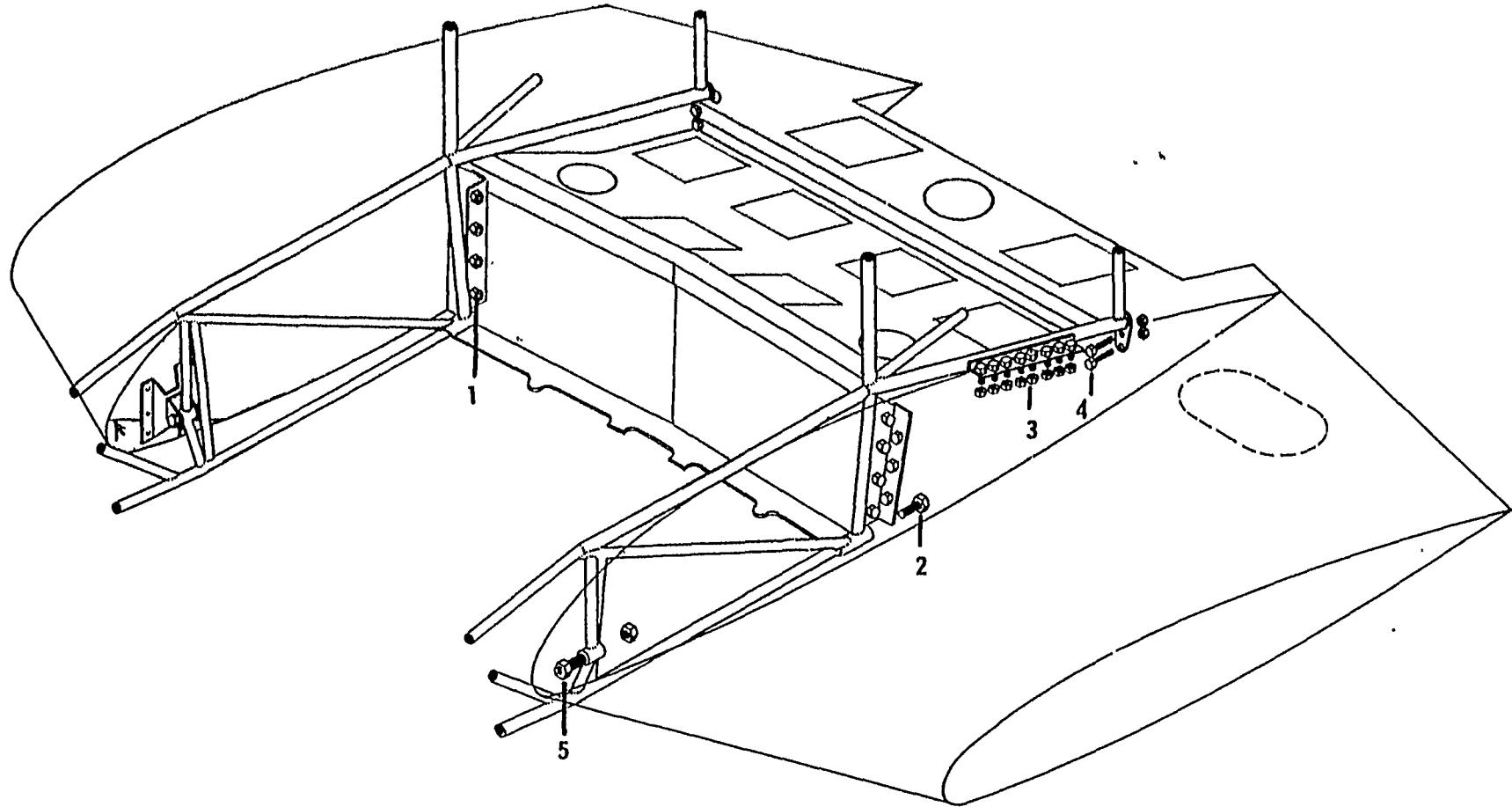


FIGURE 2. Wing Installation

MOONEY**M20 SERIES****PARTS CATALOG**

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
2- 1	310134-7 OR -9 OR -11 AN4-5A AN960-416L AN363-428 310134-13 OR -15 AN4-6A AN960-416 AN363-428 AN4-4A AN960-416 AN363-428	SHIM, NI..... a BOLT..... a WASHER..... a NUT..... SHIM, NI..... a BOLT..... a WASHER..... a NUT..... a BOLT..... a WASHER..... a NUT.....	2 8 16 8 2 8 16 8 2 8 16 F. 16 8 F.	CDE CDE CDE CDE CDE CDE CDE CDE F. CDE CDE F.
- 2	AN7H-16A AN960-716L AN995-632	BOLT..... WASHER..... WIRES, SAFETY.....	2 2 2	
- 3	913047-13 OR -15 OR -17 AN3-4A AN363-1032 AN960-10 AN4-15A AN960-416 AN960-416L AN363-428	SHIM, NI..... a BOLT..... a NUT..... a WASHER..... a BOLT, NI..... a WASHER, NI..... a WASHER, NI..... a NUT.....	AR 16 16 16 10 10 10 10	
- 4	913047-7 OR -9 OR -11 AN4-17A AN4-15A AN4-20A AN960-416 AN363-428	SHIM..... a BOLT..... a BOLT..... a BOLT..... a WASHER..... a NUT.....	AR 2 2 4 4 4	CDE CDE F
- 5	110001-3 OR -5 AN6-16A AN960-616 AN363-624 210096-7 OR -8 OR -9 OR -10 AN4-6A AN960-416 AN960-416L AN363-428 310127-7 AN3-4A AN960-10	SPACER, NI..... a BOLT..... a WASHER..... a NUT..... CLEVIS, NI..... a BOLT, NI..... a WASHER, NI..... a WASHER, NI..... a NUT, NI..... DOUBLER, FALSE BOTTOM ATTACH, NI..... a BOLT..... a WASHER.....	AR 2 2 2 2 2 8 8 8 8 2 8 16	



FIGURE 3. Wing Spars & Main Gear Attach Assemblies

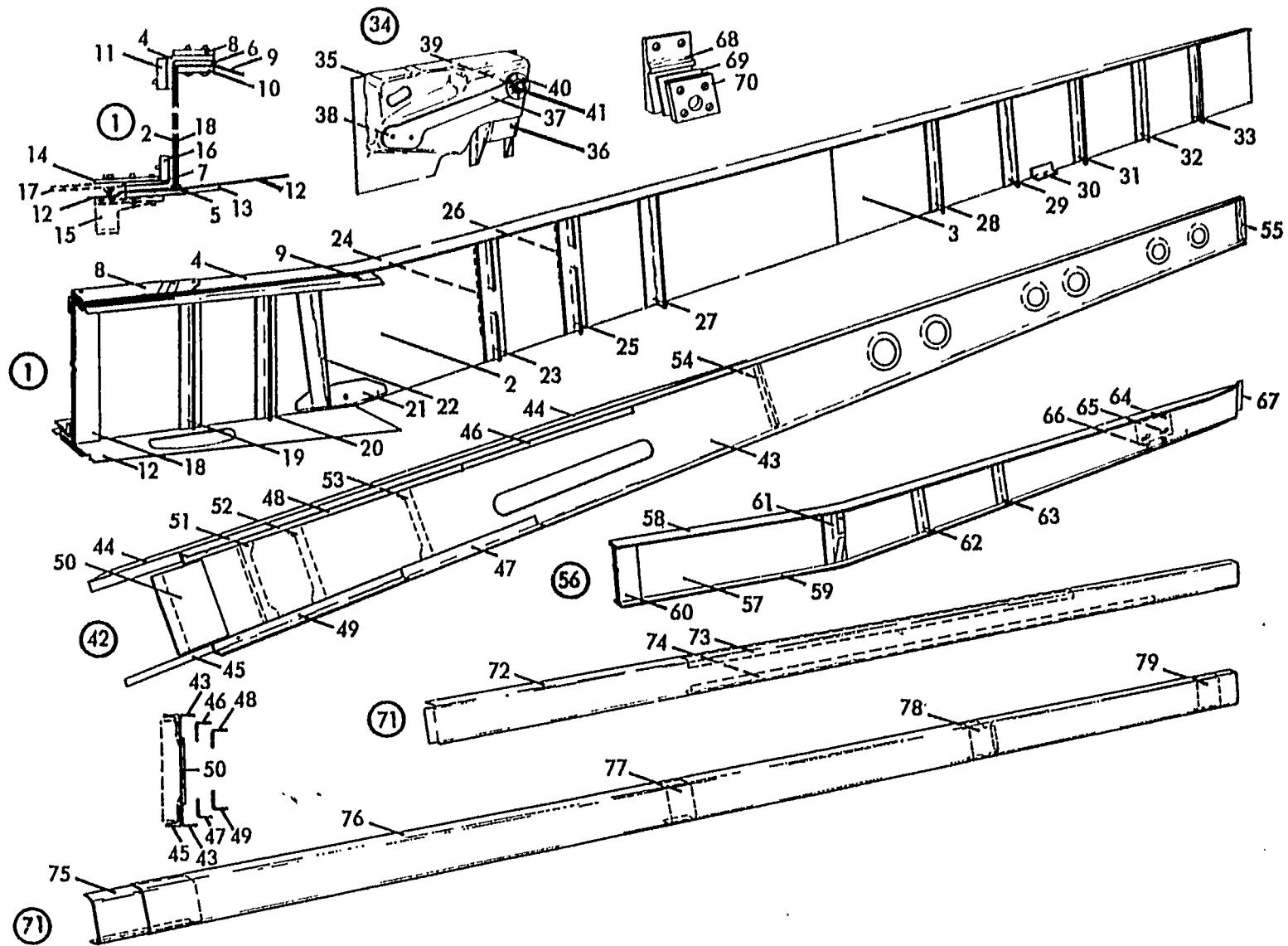




FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
3- 1	210000-935	SPAR ASSY, MAIN, IB.....	1	
- 2	210000-81	• WEB, LH.....	1	
	210000-82	• WEB, RH.....	1	
- 3	210000-9	• WEB, LH.....	1	
	210000-10	• WEB, RH.....	1	
- 4	210001-7	• CAP, UPPER, LH.....	1	
	210001-8	• CAP, UPPER, RH.....	1	
	2LPH-T5-5	• 2 HUCKBOLT.....	AR	
	LC-C5	• 2 COLLAR.....	AR	
- 5	210002-7	• CAP, LOWER, LH.....	1	
	210002-8	• CAP, LOWER, RH.....	1	
	2LPH-T5-4	• 2 HUCKBOLT.....	AR	
	LC-C5	• 2 COLLAR.....	AR	
- 6	210003-7	• DOUBLER, UPPER, LH.....	1	
	210003-8	• DOUBLER, UPPER, RH.....	1	
- 7	210004-7	• DOUBLER, LOWER, LH.....	1	
	210004-8	• DOUBLER, LOWER, RH.....	1	
- 8	210011	• PLATE, SPLICE.....	1	
	ALPPH-T6-11	• 2 HUCKBOLT.....	4	
	ALPPH-T6-10	• 2 HUCKBOLT.....	4	
	ALPPH-T6-9	• 2 HUCKBOLT.....	4	
	LC-C6	• 2 COLLAR.....	12	
- 9	210071	• STRIP, REAR SEAT ATTACH.....	1	
- 10	210010	• PLATE, SPLICE.....	1	
	ALPPH-T6-18	• 2 HUCKBOLT.....	4	
	ALPPH-T6-16	• 2 HUCKBOLT.....	8	
	ALPPH-T6-15	• 2 HUCKBOLT.....	4	
	ALPPH-T6-14	• 2 HUCKBOLT.....	4	
	ALPPH-T6-13	• 2 HUCKBOLT.....	4	
	LC-C6	• 2 COLLAR.....	24	
- 11	210008	• PLATE, SPLICE.....	1	
	ALPPH-T6-11	• 2 HUCKBOLT.....	2	
	ALPPH-T6-10	• 2 HUCKBOLT.....	2	
	ALPPH-T6-9	• 2 HUCKBOLT.....	2	
	ALPPH-T6-8	• 2 HUCKBOLT.....	2	
	LC-C6	• 2 COLLAR.....	8	
- 12	210077-9	• DOUBLER.....	1	
- 13	210009	• PLATE, SPLICE.....	1	
	ALPPH-T6-9	• 2 HUCKBOLT.....	4	
	ALPPH-T6-7	• 2 HUCKBOLT.....	4	
	LC-C6	• 2 COLLAR.....	8	
- 14	210012	• PLATE, SPLICE.....	1	
	210211	• CLIP, NI.....	4	
	AN366F-632	• 2 NUT PLATE.....	4	
	210211-501	• 2 CLIP, NI.....	4	
	ALPPH-T6-18	• 2 HUCKBOLT.....	4	
	ALPPH-T6-16	• 2 HUCKBOLT.....	10	
	ALPPH-T6-14	• 2 HUCKBOLT.....	4	
	ALPPH-T6-12	• 2 HUCKBOLT.....	8	
	LC-C6	• 2 COLLAR.....	26	
- 15	560024-7	• BRACKET, RETRACTING BELCRK,LH.....	1	
	560024-8	• BRACKET, RETRACTING BELCRK,RH.....	1	
	ALPPH-T6-16	• 2 HUCKBOLT.....	4	
	ALPPH-T6-15	• 2 HUCKBOLT.....	2	
	LC-C6	• 2 COLLAR.....	6	
- 16	210007	• PLATE, SPLICE.....	1	
	ALPPH-T6-10	• 2 HUCKBOLT.....	4	



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
3- 16	ALPPH-T6-9	• 2 HUCKBOLT.....	4	
	ALPPH-T6-8	• 2 HUCKBOLT.....	4	
	ALPPH-T6-7	• 2 HUCKBOLT.....	2	
	LC-C6	• 2 COLLAR.....	14	
- 17	340055-7	• BRACKET, SEAT RAIL, LH.....	1	
	340055-8	• BRACKET, SEAT RAIL, RH.....	1	
	AN3-10A	• 2 BOLT.....	4	
	AN960-10	• 2 WASHER.....	8	
	AN365-1032	• 2 NUT.....	4	
- 18	210006	• 2 PLATE, WEB SPLICE.....	1	
	210211	• CLIP, NI.....	4	
	AN366F-632	• 2 NUT PLATE, NI.....	4	
	210211-501	• CLIP, NI.....	2	
- 19	210000-11	• STIFFENER, LH.....	1	
	210000-12	• STIFFENER, RH.....	1	
	2LPH-T5-6	• 2 HUCKBOLT.....	8	
	2LPH-T5-5	• 2 HUCKBOLT.....	8	
	LC-C5	• 2 COLLAR.....	16	
- 20	210000-13	• STIFFENER, LH.....	1	
	210000-14	• STIFFENER, RH.....	1	
	2LPH-T5-5	• 2 HUCKBOLT.....	8	
	2LPH-T5-6	• 2 HUCKBOLT.....	8	
	LC-C5	• 2 COLLAR.....	16	
- 21	210016	• PLATE, FILLER.....	2	
	210015	• PLATE.....	4	
	2LPH-T5-6	• 2 HUCKBOLT.....	18	
	LC-C5	• 2 COLLAR.....	18	
- 22	210000-77	• STIFFENER, LH.....	1	
	210000-78	• STIFFENER, RH.....	1	
	210000-79	• CLIP, LH.....	1	
	210000-80	• CLIP, RH.....	1	
	2LPH-T5-3	• 2 HUCKBOLT.....	4	
	LC-C5	• 2 COLLAR.....	4	
	210000-83	• SPACER, LH.....	1	
	210000-84	• SPACER, RH.....	1	
	2LPH-T5-8	• 2 HUCKBOLT.....	8	
	2LPH-T5-4	• 2 HUCKBOLT.....	2	
	LC-C5	• 2 COLLAR.....	10	
- 23	210000-15	• STIFFENER, LH.....	1	
	210000-16	• STIFFENER, RH.....	1	
	2LPH-T5-6	• 2 HUCKBOLT.....	8	
	2LPH-T5-5	• 2 HUCKBOLT.....	8	
	LC-C5	• 2 COLLAR.....	16	
- 24	210000-33	• STIFFENER, LH.....	1	
	210000-34	• STIFFENER, RH.....	1	
- 25	210000-17	• STIFFENER, LH.....	1	
	210000-18	• STIFFENER, RH.....	1	
	2LPH-T5-6	• 2 HUCKBOLT.....	8	
	2LPH-T5-5	• 2 HUCKBOLT.....	8	
	LC-C5	• 2 COLLAR.....	16	
- 26	210000-35	• STIFFENER, LH.....	1	
	210000-36	• STIFFENER, RH.....	1	
- 27	210000-19	• STIFFENER, LH.....	1	
	210000-20	• STIFFENER, RH.....	1	
	2L426-T5-5	• 2 HUCKBOLT.....	4	
	LC-C5	• 2 COLLAR.....	4	
- 28	210000-23	• STIFFENER, LH.....	1	



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
3- 28	210000-24	• STIFFENER, RH.....	1	
	2LPH-T5-6	• 2 HUCKBOLT.....	8	
	2LPH-T5-5	• 2 HUCKBOLT.....	8	
	LC-C5	• 2 COLLAR.....	16	
- 29	210000-25	• STIFFENER, LH.....	1	
	210000-26	• STIFFENER, RH.....	1	
- 30	210000-37	• BRACKET, JACK POINT, LH.....	1	
	210000-38	• BRACKET, JACK POINT, RH.....	1	
	2 LPH-T5-8	• 2 HUCKBOLT.....	3	
	LC-C5	• 2 COLLAR.....	3	
- 31	210000-27	• STIFFENER, LH.....	1	
	210000-28	• STIFFENER, RH.....	1	
	HS48-4-6	• 2 HUCKBOLT.....	4	*I
	HS 15-4	• 2 COLLAR.....	4	*I
	2LPH-T5-6	• 2 HUCKBOLT.....	4	
	LC-C5	• 2 COLLAR.....	4	
	SLSP-T4-6	• 2 HUCKBOLT.....	4	*II
	LC-C5	• 2 COLLAR.....	4	*II
	HS48-5-5	• 2 HUCKBOLT.....	4	
	HS15-4	• 2 COLLAR.....	4	
	2LPH-T5-5	• 2 HUCKBOLT.....	4	*II
	LC-C5	• 2 COLLAR.....	4	*II
	SLSP-T4-5	• 2 HUCKBOLT.....	4	*I
	DC-C4	• 2 COLLAR.....	4	*I
- 32	210000-29	• STIFFENER.....	1	
	210000-30	• STIFFENER.....	1	
	SLSP-T4-5	• 2 HUCKBOLT.....	4	
	DC-C4	• 2 COLLAR.....	4	
- 33	210000-31	• STIFFENER.....	1	
	210000-32	• STIFFENER.....	1	
	SLSP-T4-4	• 2 HUCKBOLT.....	8	
	DC-C4	• 2 COLLAR.....	8	
- 34	210140-13	BOX ASSY, MAIN GEAR ATTACH, LH.....	1	CDE
	210140-14	BOX ASSY, MAIN GEAR ATTACH, RH.....	1	CDE
	210140-501	BOX ASSY, MAIN GEAR ATTACH, LH.....	1	F
	210140-502	BOX ASSY, MAIN GEAR ATTACH, RH.....	1	F
	2LPH-T5-4	2 HUCKBOLT.....	11	
	21PH-T5-5	2 HUCKBOLT.....	13	
	2LPH-T5-6	2 HUCKBOLT.....	2	
	2LPH-T5-8	2 HUCKBOLT.....	2	
	AN960-8L	• 2 WASHER.....	2	
	LC-C5	• 2 COLLAR.....	26	
- 35	210140-3	• PLATE.....	1	
	210140-4	• PLATE.....	1	
- 36	210140-9	• CHANNEL.....	1	
	210140-10	• CHANNEL.....	1	
	2LPH-T5-7	• 2 HUCKBOLT.....	2	
	2LPH-T5-5	• 2 HUCKBOLT.....	2	
	LC-C5	• 2 COLLAR.....	4	
- 37	560026-7	• STRAP.....	1	
- 38	AN362F-524	• NUT PLATE, NI.....	1	
	AN362F-624	• NUT PLATE, NI.....	1	
- 39	AN362-F524	• NUT PLATE, NI.....	1	
- 40	510016	• SPACER.....	1	
	2LPH-T5-0	• 2 HUCKBOLT.....	8	
	LC-C5	• 2 COLLAR.....	8	
	#3018	• FITTING, GREASE, NI.....	1	



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
3- 41	210126-3	• BEARING, NI.....	1	
	AN960-516L	• WASHER, NI.....	1	
	AN5-12A	• BOLT.....	1	
- 42	210005-1	SPAR ASSY, MAIN, OB, LH.....	1	
	210005-2	SPAR ASSY, MAIN, OB, RH.....	1	
	2LPH-T5-6	• a HUCKBOLT.....	16	
	LC-C5	• a COLLAR.....	16	
- 43	210005-7	• WEB, SPAR, LH.....	1	
	210005-8	• WEB, SPAR, RH.....	1	
- 44	210013-7	• SPLICE, UPPER CAP, LH.....	1	
	210013-8	• SPLICE, UPPER CAP, RH.....	1	
- 45	210014-7	• SPLICE, LOWER CAP, LH.....	1	
	210014-8	• SPLICE, LOWER CAP, RH.....	1	
- 46	210005-11	• STIFFENER, LH.....	1	
	210005-12	• STIFFENER, RH.....	1	
- 47	210005-15	• STIFFENER, LH.....	1	
	210005-16	• STIFFENER, RH.....	1	
- 48	210005-9	• STIFFENER, LH.....	1	
	210005-10	• STIFFENER, RH.....	1	
	ALPPH-T6-4	• a HUCKBOLT.....	5	
	LC-C6	• a COLLAR.....	5	
- 49	210005-13	• COLLAR, LH.....	1	
	210005-14	• COLLAR, RH.....	1	
	ALPPH-T6-4	• a HUCKBOLT.....	5	
	LC-C6	• a COLLAR.....	5	
- 50	210000-21	• PLATE.....	1	
- 51	210005-17	• STIFFENER.....	1	
	2LPH-T5-5	• a HUCKBOLT.....	4	
	LC-C5	• a COLLAR.....	4	
- 52	210005-19	• STIFFENER.....	1	
	2LPH-T5-5	• a HUCKBOLT.....	4	
	LC-C5	• a COLLAR.....	4	
- 53	210005-21	• STIFFENER.....	1	
	2LPH-T5-5	• a HUCKBOLT.....	2	
	2LPH-T5-4	• a HUCKBOLT.....	2	
	LC-C5	• a COLLAR.....	4	
- 54	210005-25	• STIFFENER, LH.....	1	
	210005-26	• STIFFENER, RH.....	1	
- 55	210005-27	• CLIP.....	1	
- 56	210054-501	SPAR ASSY, STUB.....	1	CDE
	210054-505	SPAR ASSY, STUB.....	1	F
- 57	210054-19	• WEB.....	2	
- 58	210056	• CAP, UPPER.....	1	
	2L426H-T5-2	• a HUCKBOLT.....	4	
	2LPH-T5-2	• a HUCKBOLT.....	8	
	LC-C5	• a COLLAR.....	12	
- 59	210055	• CAP, LOWER.....	1	
	2LPH-T5-2	• a HUCKBOLT.....	8	
	2L426H-T5-2	• a HUCKBOLT.....	2	
	LC-C5	• a COLLAR.....	10	
- 60	210054-21	• PLATE, SPLICE.....	1	
	140127-1	• SUPPORT, LH, NI.....	1	
	140127-2	• SUPPORT, RH, NI.....	1	F
	210054-43	• SPACER, NI.....	2	F
	2LPH-T5-2	• a HUCKBOLT.....	4	F
	LC-C5	• a COLLAR.....	4	F
- 61	210059-7	• FITTING, LH.....	1	

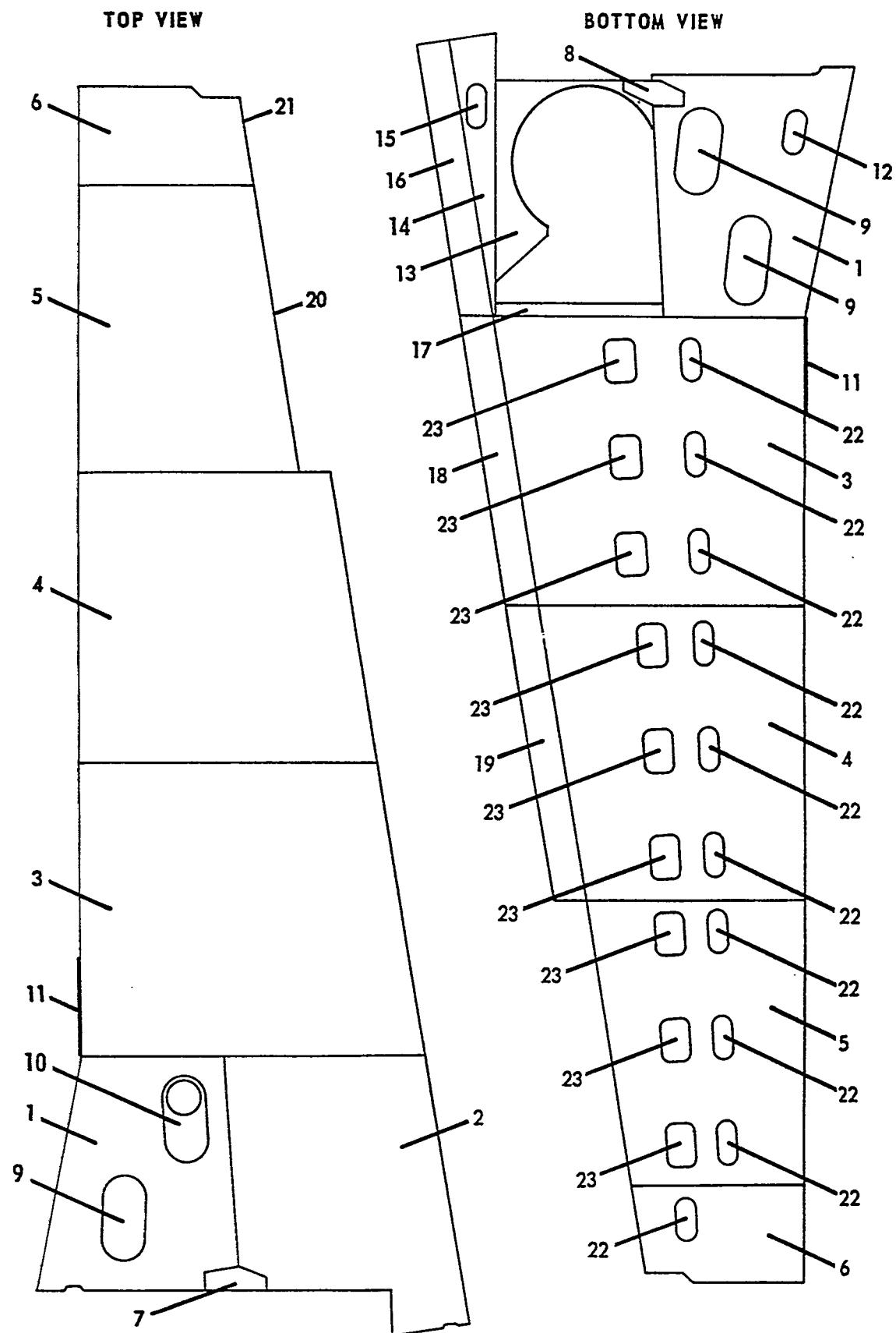


FIGURE 4. Wing Skins & Inspection Covers



M20 SERIES

PARTS CATALOG

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
3- 61	210059-8	• FITTING, RH.....	1	
- 62	210054-11	• STIFFENER.....	2	
- 63	210054-13	• STIFFENER.....	2	
- 64	210054-15	• SPACER.....	2	
- 65	52ZA1-048	• NUT, ANCHOR.....	8	
- 66	52LHTA55M-048	• NUT, ANCHOR.....	4	
- 67	210054-9	• BRACKET, NI.....	2	
- 68	210067-9	• BRACKET, REAR MAIN GEAR ATT.....	1	
	AN4-6A	• BOLT.....	2	
	AN960-416	• WASHER.....	2	
- 69	510004	SHIM /-9, -11, -13, -15, -17/.....	AR	
- 70	210067-7	BRACKET, REAR MAIN GEAR, LH.....	1	
	210067-8	BRACKET, REAR MAIN GEAR, RH.....	1	
	AN4-13A	• BOLT, NI.....	2	
	AN960-416	• WASHER, NI.....	2	
	AN4-14A	• BOLT, NI.....	2	
	AN960-416	• WASHER.....	2	
- 71	210019-1	SPAR ASSY, REAR, LH.....	1	
	210019-2	SPAR ASSY, REAR, RH.....	1	
- 72	210019-17	• SPAR, REAR, IB, LH.....	1	
	210019-18	• SPAR, REAR, IB, RH.....	1	
- 73	210019-21	• STIFFENER, TOP, LH.....	1	
	210019-22	• STIFFENER, TOP, RH.....	1	
- 74	210019-23	• STIFFENER, BOTTOM, LH.....	1	
	210019-24	• STIFFENER, BOTTOM, RH.....	1	
- 75	210019-9	• PLATE, SPLICE, LH.....	1	
	210019-10	• PLATE, SPLICE, RH.....	1	
- 76	210019-7	• SPAR, REAR, OB, LH.....	1	
	210019-8	• SPAR, REAR, OB, RH.....	1	
- 77	210019-11	• PLATE, LH.....	1	
	210019-12	• PLATE, RH.....	1	
- 78	210019-13	• PLATE, LH.....	1	
	210019-14	• PLATE, RH.....	1	
- 79	210019-15	• PLATE, LH.....	1	
	210019-16	• PLATE, RH.....	1	

*I- 2807C-2922C, 252D, 470E-587E

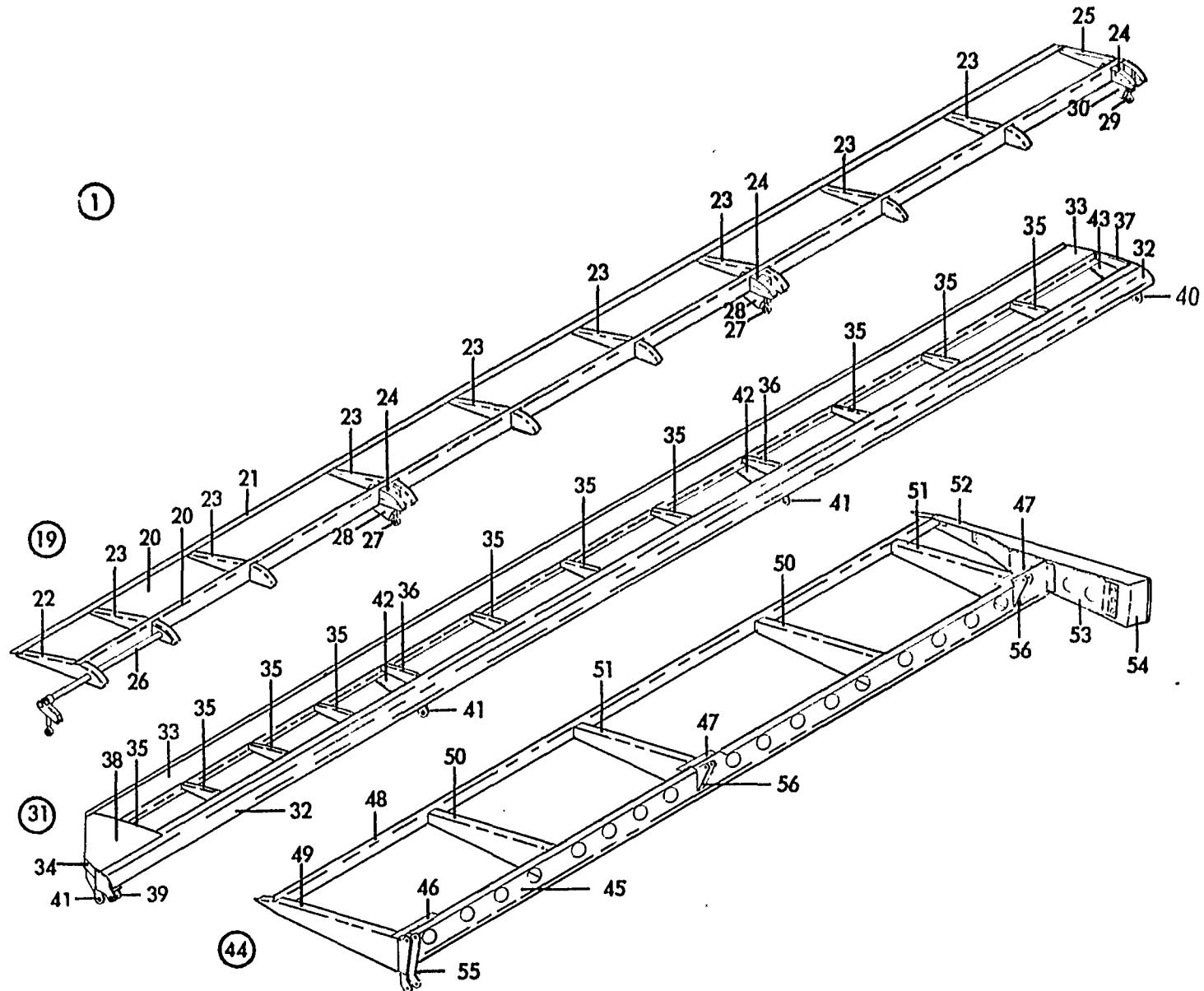
*II- 2923C & ON, 253D & ON, 588E & ON, 670001F & ON



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
4- 1	220000-161	SKIN, FUEL TANK, LH.....	1	
	220000-162	SKIN, FUEL TANK, RH.....	1	CDE
	220000-163	SKIN, FUEL TANK, RH.....	1	F
- 2	220000-17	SKIN, LH.....	1	
	220000-18	SKIN, RH.....	1	
- 3	220000-141	SKIN, LH.....	1	CDE
	220000-142	SKIN, RH.....	1	CDE
	220004-11	SKIN, LH.....	1	F
	220004-12	SKIN, RH.....	1	F
- 4	220000-143	SKIN, LH.....	1	
	220000-144	SKIN, RH.....	1	
- 5	220000-145	SKIN, LH.....	1	CDE
	220000-146	SKIN, RH.....	1	CDE
	220000-167	SKIN, LH.....	1	F
	220000-168	SKIN, RH.....	1	F
- 6	220000-147	SKIN, LH.....	1	CDE
	220000-148	SKIN, RH.....	1	CDE
	220000-165	SKIN, LH.....	1	F
	220000-166	SKIN, RH.....	1	F
- 7	210103-7	DOUBLER, TOP, LH.....	1	
	210103-8	DOUBLER, TOP, RH.....	1	
- 8	210074-7	DOUBLER, BOTTOM, LH.....	1	
	210074-8	DOUBLER, BOTTOM, RH.....	1	
- 9	210099-1	PANEL, FUEL TANK ACCESS.....	6	CDE
	210229-1	PANEL, FUEL TANK ACCESS.....	6	F
	AN507-C-10R-7	• SCREW, NI.....	22	
	ESNA-22-NA1K-02	• NUT PLATE.....	22	
	210099-7	PLATE.....	1	
	210099-9	DOUBLER.....	1	
	210229-3	STIFFENER ASSY.....	1	F
	210229-5	• BRACKET.....	1	F
	ESNA-22-NA1K-02	• NUT PLATE.....	4	F
-10	610036-503	CAP ASSY, FUEL TANK, LH.....	1	CDE
	610036-504	CAP ASSY, FUEL TANK, RH.....	1	CDE
	610152-1	CAP ASSY, FUEL TANK, LH.....	1	F
	610152-2	CAP ASSY, FUEL TANK, RH.....	1	F
	#431-21A	• CAP.....	1	
	#431-22	• ADAPTER.....	1	
	610036-7	• PLATE.....	1	
	610036-11	• DOUBLER.....	1	CDE
	610154	• DOUBLER.....	1	F
	ESNA-22-NA1K-02	• NUT PLATE.....	22	
	610157	• SPACER.....	1	F
	610162-501	• INDICATOR.....	1	F
- 11	210093-7	STRIP, STALL.....	2	CDE
	210241-3	STRIP, STALL.....	2	F
	AN520-6-7	• SCREW.....	4	
	AN345-6	• NUT.....	4	
	AN960-6	• WASHER.....	4	
- 12	210113-1	COVER ASSY, INSPECTION.....	2	
	AN528-832-R6	• SCREW, NI.....	12	
	913009-7	• COVER.....	1	
	913010	• DOUBLER, NI.....	1	
	52LHTA-51-A-82	• NUT PLATE.....	12	
- 13	210078-503	SKIN ASSY, WHEELWELL, LH.....	1	D
	210078-504	SKIN ASSY, WHEELWELL, RH.....	1	D



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
4- 13	210078-27	• SKIN, LH, NI.....	1	D
	210078-28	• SKIN, RH, NI.....	1	D
AN366-F1032		• NUT PLATE.....	6	D
210078-25		• STIFFENER, LH.....	1	D
210078-26		• STIFFENER, RH.....	1	D
210078-29		• STIFFENER, LH.....	1	D
210078-30		• STIFFENER, RH.....	1	D
913011		• COVER, ASSY.....	1	D
AN509-832-R7		• A SCREW.....	10	D
210078-507		SKIN ASSY, WHEELWELL, LH.....	1	CEF
210078-508		SKIN ASSY, WHEELWELL, RH.....	1	CEF
210078-31		• SKIN, LH.....	1	CEF
210078-32		• SKIN, RH.....	1	CEF
210078-33		• STIFFENER.....	1	CEF
210144-501		• PLATE, LH, NI.....	1	CEF
210144-1		• PLATE, RH, NI.....	1	CEF
CKL-P4C		• A HUCKBOLT, NI.....	3	CEF
CKL-PAD		• A HUCKBOLT, NI.....	4	CEF
210080		• BRACKET.....	1	CEF
- 14	220000-19	SKIN, LH.....	1	
	220000-20	SKIN, RH.....	1	
- 15	913000-1	COVER ASSY, INSPECTION.....	2	
	AN509-8R-7	A SCREW, NI.....	8	
	913000-7	• COVER.....	1	
	RM52LHTA58-82	• NUT PLATE.....	8	
- 16	220000-159	SKIN, LH.....	1	
	220000-160	SKIN, RH.....	1	
- 17	210078-23	SKIN, LH.....	1	CEF
	210078-24	SKIN, RH.....	1	CEF
- 18	220000-21	SKIN, LH.....	1	
	220000-22	SKIN, RH.....	1	
19	220000-121	SKIN, LH.....	1	
	220000-122	SKIN, RH.....	1	
- 20	210092-7	SEAL, AIR, NI.....	2	
	210092-9	SEAL, AIR, NI.....	2	
- 21	210092-11	SEAL, AIR.....	2	
	210092-13	SEAL, AIR.....	2	
- 22	913000-501	COVER, INSPECTION.....	20	
	A. 509-8R-7	A SCREW, NI.....	8	
	913000-11	• COVER.....	10	
	RM52LHTA58-82	• NUT PLATE.....	8	
- 23	913011-501	COVER ASSY, INSPECTION.....	18	
	AN509-8R-8	A SCREW, NI.....	10	
	913011-1	• COVER.....	1	
	RM52LHTA58-82	• NUT PLATE.....	10	



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FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
5- 1	230000-1	AILERON ASSY, LH.....	1	D
	230000-2	AILERON ASSY, RH.....	1	D
	AN4-11A	2 BOLT.....	1	D
	AN4-12A	2 BOLT.....	2	D
	AN960-416L	2 WASHER.....	1	D
	AN960-416	2 WASHER.....	5	D
	AN365-428	2 NUT.....	3	D
- 2	230001-1	. SPAR ASSY, LH.....	1	D
	230001-2	. SPAR ASSY, RH.....	1	D
	230001-7	. . SPAR, LH.....	1	D
	230001-8	. . SPAR, RH.....	1	D
- 3	230001-13	. . STIFFENER, LH.....	1	D
	230001-14	. . STIFFENER, RH.....	1	D
- 4	230001-9	. . STIFFENER, LH.....	1	D
	230001-10	. . STIFFENER, RH.....	1	D
- 5	230001-11	. . CLIP.....	1	D
- 6	230000-11	. STRIP.....	1	D
- 7	230007-7	. RIB, LH.....	1	D
	230007-8	. RIB, RH.....	1	D
	230000-13	. BLOCK.....	1	D
- 8	230002	. SPAR, STUB.....	1	D
- 9	230007-9	. RIB, LH.....	1	D
	230007-10	. RIB, RH.....	1	D
- 10	230003-7	. RIB, LH.....	1	D
	230003-8	. RIB, RH.....	1	D
- 11	230007-9	. RIB, LH.....	1	D
	230007-10	. RIB, RH.....	1	D
- 12	230005-7	. RIB, LH.....	1	D
	230005-8	. RIB, RH.....	1	D
- 13	230008-7	. RIB, LH.....	1	D
	230008-8	. RIB, RH.....	1	D
- 14	230004-7	. RIB, LH.....	1	D
	230004-8	. RIB, RH.....	1	D
	230000-13	. BLOCK.....	1	D
- 15	230006-7	. BRACKET, LH.....	1	D
	230006-8	. BRACKET, RH.....	1	D
- 16	230009-7	. WEIGHT ASSY, LH.....	1	D
	230009-8	. WEIGHT ASSY, RH.....	1	D
	AN23-21A	2 BOLT.....	3	D
	AN960-10L	2 WASHER.....	3	D
	AN960-10	2 WASHER.....	3	D
	AN365-1032	2 NUT.....	3	D
- 17	230012-7	. BRACKET, HINGE, LH.....	1	D
	230012-8	. BRACKET, HINGE, RH.....	1	D
	230013-7	. BRACKET, HINGE, LH.....	1	D
	230013-8	. BRACKET, HINGE, RH.....	1	D
- 18	230011	. BRACKET, HINGE.....	1	D
	AN4-6A	2 BOLT.....	2	D
	AN960-416	2 WASHER.....	4	D
	AN365-428	2 NUT.....	2	D
	230000-7	. SKIN, UPPER, LH, NI.....	1	D
	230000-8	. SKIN, UPPER, RH, NI.....	1	D
	230000-9	. SKIN, LOWER, LH, NI.....	1	D
	230000-10	. SKIN, LOWER, RH, NI.....	1	D
- 19	240000-3	FLAP ASSY, LH.....	1	*I
	240000-4	FLAP ASSY, RH.....	1	*I
	AN3-10A	2 BOLT.....	4	*I



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
5- 19	AN960-10L	2 WASHER.....	4	*I
	AN960-10	2 WASHER.....	4	*I
	AN365-1032	2 NUT.....	4	*I
- 20	240000-13	. SKIN, BOTTOM, IB, LH.....	1	*I
	240000-14	. SKIN, BOTTOM, IB, RH.....	1	*I
	240000-15	. SKIN, BOTTOM, CENTER, LH.....	1	*I
	240000-16	. SKIN, BOTTOM, CENTER, RH.....	1	*I
	240000-17	. SKIN, BOTTOM, OB, LH.....	1	*I
	240000-18	. SKIN, BOTTOM, OB, RH.....	1	*I
- 21	240000-21	. STRIP, Z-SECTION.....	1	*I
	240000-22	. STRIP, Z-SECTION.....	1	*I
	240000-25	. STRIP, SPLICE.....	4	*I
- 22	240006-9	. RIB, LH.....	1	*I
	240006-10	. RIB, RH.....	1	*I
- 23	240006-7	. RIB, LH.....	8	*I
	240006-8	. RIB, RH.....	8	*I
- 24	240008-7	. RIB, HALF, LH.....	3	*I
	240008-8	. RIB, HALF, RH.....	3	*I
- 25	240007-7	. RIB, LH.....	1	*I
	240007-8	. RIB, RH.....	1	*I
- 26	240001-3	. TUBE, TORQUE, LH.....	1	*I
	240001-4	. TUBE, TORQUE, RH.....	1	*I
- 27	M34-14	. BEARING, ROD END.....	2	*I
	AN316-4R	. NUT, CHECK.....	2	*I
	240005	. BLOCK, HINGE.....	2	*I
- 28	240009	. FAIRING.....	2	*I
- 29	MD35-14	. BEARING, ROD END.....	1	*I
	AN316-5R	. NUT, CHECK.....	1	*I
	240005-501	. BLOCK, HINGE.....	1	*I
- 30	240010-7	. FAIRING, LH.....	1	*I
	240010-8	. FAIRING, RH.....	1	*I
	240000-7	. SKIN, TOP, IB, LH, NI.....	1	*I
	240000-8	. SKIN, TOP, IB, RH, NI.....	1	*I
	240000-9	. SKIN, TOP, CENTER, LH, NI.....	1	*I
	240000-10	. SKIN, TOP, CENTER, RH, NI.....	1	*I
	240000-19	. SKIN, TOP, OB, LH, NI.....	1	*I
	240000-20	. SKIN, TOP, OB, RH, NI.....	1	*I
- 31	240014-1	FLAP ASSY, LH.....	1	*II
	240014-2	FLAP ASSY, RH.....	1	*II
	AN3-10A	2 BOLT.....	4	*II
	AN960-10L	2 WASHER.....	4	*II
	AN960-10	2 WASHER.....	4	*II
	AN365-1032	2 NUT.....	4	*II
- 32	240014-11	. EXTRUSION, LE, LH.....	1	*II
	240014-12	. EXTRUSION, LE, RH.....	1	*II
- 33	240014-21	. CHANNEL, TE, LH.....	1	*II
	250014-22	. CHANNEL, TE, RH.....	1	*II
- 34	240014-9	. RIB, LH.....	1	*II
	240014-10	. RIB, RH.....	1	*II
- 35	240014-5	. RIB, LH.....	1	*II
	240014-6	. RIB, RH.....	1	*II
- 36	240014-7	. RIB, LH.....	1	*II
	240014-8	. RIB, RH.....	1	*II
- 37	240014-3	. RIB, LH.....	1	*II
	240014-4	. RIB, RH.....	1	*II



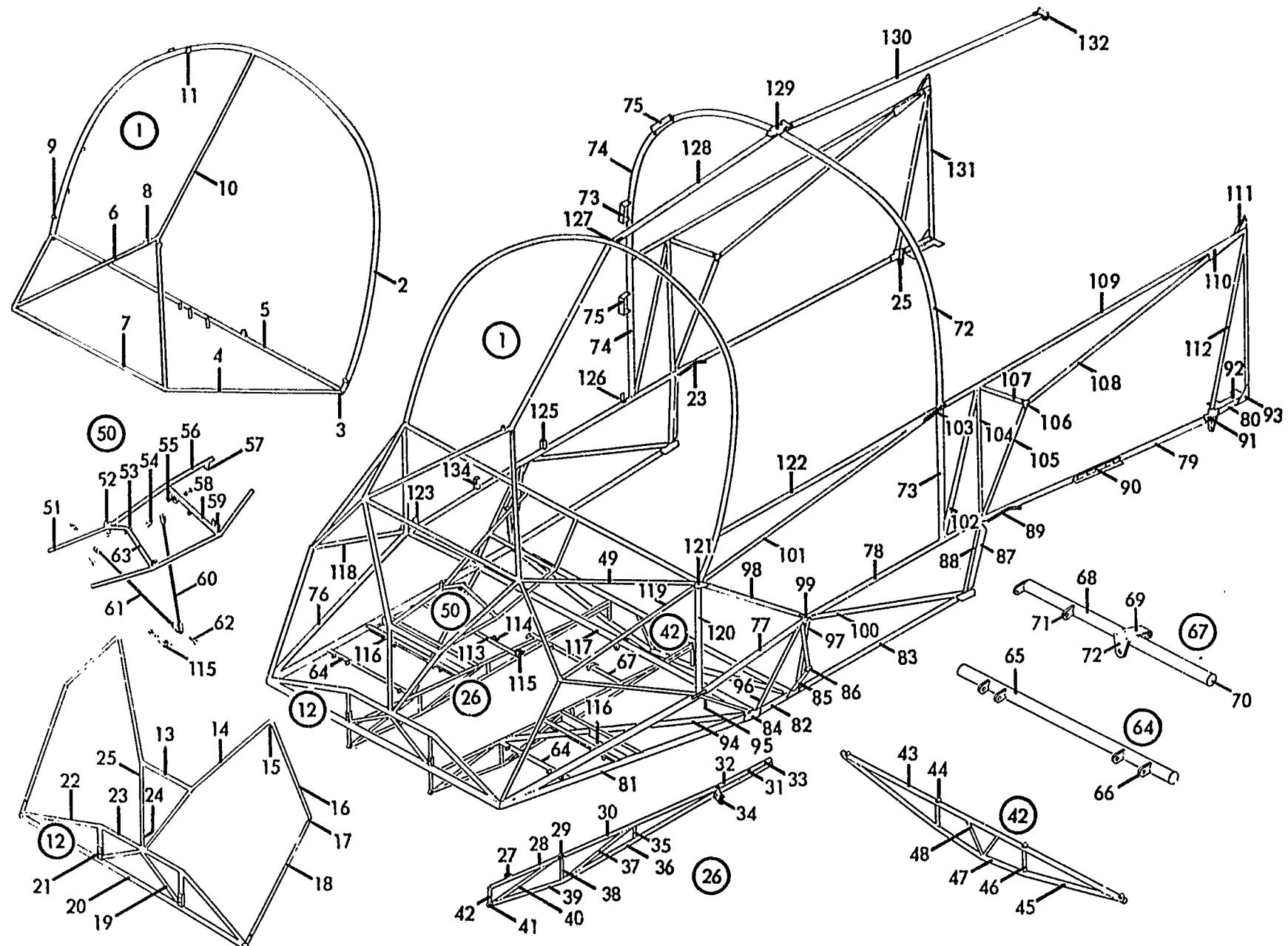
FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
5- 38	240014-35	• GUSSET, LH.....	1	*II
	240014-36	• GUSSET, RH.....	1	*II
- 39	240014-25	• BRACKET, ACTUATOR, LH.....	1	*II
	240014-26	• BRACKET, ACTUATOR, RH.....	1	*II
	AN960-6L	• - WASHER.....	1	*II
	240014-31	• PLATE, LH.....	1	*II
	240014-32	• PLATE, RH.....	1	*II
- 40	240015-501	• BLOCK, HINGE.....	1	*II
	240015-502	• BLOCK, HINGE.....	1	*II
	LSS3	• - BEARING, ROD END.....	1	*II
- 41	240015	• BLOCK, HINGE.....	3	*II
	LSS3	• - BEARING, ROD END.....	3	*II
- 42	240014-17	• FAIRING.....	2	*II
- 43	240014-15	• FAIRING, LH.....	1	*II
	240014-16	• FAIRING, RH.....	1	*II
	240014-27	• SKIN, TOP.....	1	*II
	240014-29	• SKIN, BOTTOM.....	1	*II
- 44	230015-1	AILERON ASSY, LH.....	1	CE
	230015-2	AILERON ASSY, RH.....	1	CE
	230015-503	AILERON ASSY, LH.....	1	F
	230015-504	AILERON ASSY, RH.....	1	F
	AN4-6A	Ⓐ BOLT.....	2	CEF
	AN960-416	Ⓐ WASHER.....	4	CEF
	AN365-428	Ⓐ NUT.....	2	CFF
- 45	230015-3	• SPAR ASSY, MAIN, LH.....	1	CEF
	230015-4	• SPAR ASSY, MAIN, RH.....	1	CEF
	230015-7	• - SPAR, LH.....	1	CEF
	230015-8	• - SPAR, RH.....	1	CEF
- 46	230015-9	• STIFFENER, LH.....	1	CEF
	230015-10	• - STIFFENER, RH.....	1	CEF
- 47	230015-5	• - STIFFENER, LH.....	2	CEF
	230015-6	• - STIFFENER, RH.....	2	CEF
- 48	230015-21	• SPAR, REAR.....	1	CEF
- 49	230015-27	• RIB.....	1	CEF
- 50	230015-17	• RIB.....	2	CEF
- 51	230015-19	• RIB.....	2	CEF
- 52	230015-25	• RIB, LH.....	1	CEF
	230015-26	• RIB, RH.....	1	CEF
- 53	230015-23	• BRACKET, LH.....	1	CEF
	230015-24	• BRACKET, RH.....	1	CFF
- 54	230016-1	• WEIGHT, BALANCE, LH.....	1	CE
	230016-2	• WEIGHT, BALANCE, RH.....	1	CE
	230016-1	• WEIGHT, BALANCE, LH.....	1	*III
	230016-2	• WEIGHT, BALANCE, RH.....	1	*III
	230016-501	• WEIGHT, BALANCE, LH.....	1	*IV
	230016-502	• WEIGHT, BALANCE, RH.....	1	*IV
	AN23-21A	• Ⓢ BOLT, CLEVIS.....	3	CEF
	AN960-10L	• Ⓢ WASHER.....	3	CEF
	AN364-1032	• Ⓢ NUT.....	3	CEF
- 55	230015-29	• STIFFENER, HINGE, LH.....	1	CEF
	230015-30	• STIFFENER, HINGE, RH.....	1	CEF
	230015-15	• BRACKET, HINGE.....	1	CEF
	AN4-6A	• Ⓢ BOLT.....	2	CEF
	AN960-416	• Ⓢ WASHER.....	4	CEF
	AN365-428	• Ⓢ NUT.....	2	CEF
- 56	230011	• BRACKET, HINGE.....	2	CFF
	AN4-6A	• Ⓢ BOLT.....	4	CEF



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
5- 56	AN960-416	• A WASHER.....	8	CEF
	AN365-428	• A NUT.....	4	CEF
230015-11		• SKIN, TOP, LH, NI.....	1	CEF
230015-12		• SKIN, TOP, RH, NI.....	1	CEF
230015-13		• SKIN, BOTTOM, LH, NI.....	1	CEF
230015-14		• SKIN, BOTTOM, RH, NI.....	1	CEF
<p>*I- 2807C-2922C, 470E-530E *II- 2923C & ON, 252D & ON, 531E & ON *III- 670001F-670040F *IV- 670041F & ON</p>				



FIGURE 6. Fuselage Tubular Structure Assembly



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FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
6-	340117-501	TUBULAR STRUCTURE, FUSELAGE, NI.....	1	*II
-	340117-1	TUBULAR STRUCTURE, FUSELAGE, NI.....	1	*I
	340117-503	TUBULAR STRUCTURE, FUSELAGE, NI.....	1	*III
	340155-1	TUBULAR STRUCTURE, FUSELAGE.....	1	F
- 1	340117-9	. . FRAME ASSY, WINDSHIELD.....	1	*I
	340117-153	. . FRAME ASSY, WINDSHIELD.....	1	*II
	340117-155	. . FRAME ASSY, WINDSHIELD.....	1	*III
	340155-5	. . FRAME ASSY, WINDSHIELD.....	1	F
- 2	340007	. . BOW.....	2	
- 3	913045-19	. . CAP, TUBE.....	2	
- 4	340117-65	. . TUBE, NI.....	2	CDE
	340155-49	. . TUBE.....	2	F
- 5	340012	. . CROSS MEMBER.....	1	
- 6	340117-63	. . TUBE.....	2	
- 7	340117-67	. . TUBE.....	1	
- 8	913006	. . LUG.....	2	
- 9	340117-71	. . TUBE.....	2	
- 10	340117-69	. . TUBE, NI.....	1	*IV
	340119-1	. . TUBE.....	1	*V
- 11	340174	. . BRACKET, HAND HOLD STRAP.....	1	
- 12	340117-5	. . FRAME ASSY, FW, NI.....	1	CDE
	340155-19	. . FRAME ASSY, FW.....	1	F
- 13	340117-33	. . TUBE, NI.....	1	CDE
	340155-43	. . TUBE.....	1	F
- 14	340117-29	. . TUBE, NI.....	1	CDE
	340155-41	. . TUBE.....	1	F
- 15	340117-47	. . BUSHING.....	2	
- 16	340117-25	. . TUBE, NI.....	2	CDE
	340155-39	. . TUBE.....	2	F
- 17	340117-45	. . BUSHING, NI.....	4	CDE
	340155-55	. . BUSHING.....	4	F
- 18	340117-27	. . TUBE, NI.....	2	CDE
	340155-45	. . TUBE.....	2	F
- 19	340117-37	. . TUBE.....	2	
- 20	340117-35	. . TUBE.....	1	
- 21	340047	. . FITTING.....	2	
- 22	340117-39	. . TUBE.....	2	
- 23	340117-41	. . TUBE.....	1	
- 24	340117-43	. . BUSHING.....	1	
- 25	340117-31	. . TUBE, NI.....	2	CDE
	340155-47	. . TUBE.....	2	F
- 26	340117-7	. . TRUSS ASSY, NOSE GEAR, NI.....	2	CDE
	340155-3	. . TRUSS ASSY, NOSE GEAR, LH.....	1	F
	340155-57	. . TRUSS ASSY, NOSE GEAR, RH.....	1	F
- 27	340079	. . LUG.....	1	
- 28	340117-61	. . TUBE.....	1	
- 29	340039-9	. . BLOCK, BEARING.....	1	
- 30	340117-59	. . TUBE, NI.....	1	CDE
	340155-75	. . TUBE.....	1	F
- 31	340039-11	. . BLOCK, BEARING.....	4	F
- 32	340155-73	. . TUBE.....	1	F
- 33	340155-87	. . TUBE.....	1	F
- 34	340165-501	. . SUPPORT, LH.....	1	F
	340165-1	. . SUPPORT, LH.....	1	F
	340039-11	. . BLOCK, BEARING.....	2	F
- 35	340155-81	. . TUBE.....	1	F
- 36	340117-55	. . TUBE, NI.....	1	CDF



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
6- 36	340155-27	. . . TUBE.....	1	F
- 37	340155-79	. . . TUBE.....	1	F
- 38	340117-53	. . . TUBE.....	1	
- 39	340117-49	. . . TUBE.....	1	
- 40	340117-51	. . . TUBE.....	1	
- 41	340039-7	. . . BLOCK, BEARING.....	1	
- 42	340117-3	TRUSS ASSY.....	1	
- 43	340117-13	. . . TUBE	1	
- 44	340117-23	. . . TUBE	4	
- 45	340117-15	. . . TUBE	2	
- 46	340117-17	. . . TUBE	2	
- 47	340117-21	. . . TUBE	1	
- 48	340117-19	. . . TUBE	2	
- 49	340117-49	. . . TUBE	2	
- 50	340117-11	. . SUPPORT ASSY, CONTROL.....	1	
- 51	340117-73	. . . TUBE	2	
- 52	340117-143	. . . LUG.....	1	
- 53	340117-77	. . . BUSHING.....	2	
- 54	340117-79	. . . TUBE	2	
- 55	340015	. . . LUG.....	1	
- 56	340117-81	. . . TUBE	2	
- 57	340117-127	. . . BUSHING.....	1	
- 58	340117-75	. . . TUBE	2	
- 59	340041	. . . BRACKET.....	1	
- 60	340044	. . . ROD ASSY.....	1	
	AN4-6A	. . . @ BOLT, TOP.....	1	
	AN960-416	. . . @ WASHER, TOP.....	1	
	AN365-428	. . . @ NUT, TOP.....	1	
	340042	. . . PLATE.....	2	
	340044-7	. . . TUBE.....	1	
- 61	340045	. . . ROD ASSY.....	1	
	AN4-6A	. . . @ BOLT, TOP.....	1	
	AN960-416	. . . @ WASHER, TOP.....	1	
	AN365-428	. . . @ NUT, TOP.....	1	
	340045-7	. . . TUBE.....	1	
	340042	. . . PLATE.....	2	
- 62	AN4-5A	. . . @ BOLT, BOTTOM.....	1	
	AN960-416L	. . . @ WASHER, BOTTOM.....	1	
	AN363-428	. . . @ NUT.....	1	
- 63	340117-83	. . . TUBE.....	2	
- 64	340016-1	. . SUPPORT ASSY, PEDAL, LH.....	1	
	340016-2	. . SUPPORT ASSY, PEDAL, RH.....	1	
- 65	340016-11	. . . TUBE, LH.....	1	
	340016-22	. . . TUBE, RH.....	1	
- 66	34C059	. . . LUG.....	4	
- 67	34C016-3	. . MEMBER ASSY, CONTROL SUPPORT.....	1	
- 68	340016-33	. . . TUBE.....	1	
- 69	340080-9	. . . BRACKET.....	1	
- 70	913045-11	. . . CAP.....	2	
- 71	340062	. . . LUG.....	2	
- 72	340059	. . . LUG.....	2	
- 73	34C008-1	. . . BOW, LH.....	1	
- 74	340008-1	. . . BUW, RH.....	1	
	34C117-151	. . . TUBE, LOWER, RH.....	1	CDF
- 75	340019	. . . BRACKET, CABIN DOOR.....	3	
- 76	34C117-101	. . . TUBE.....	2	
- 77	34C117-99	. . . TUBE, 'VI.....	2	CDE

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FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
6- 77	340155-21	• TUBE.....	2	F
- 78	340117-95	• TUBE, NI.....	2	CDE
	340155-77	• TUBE.....	2	F
- 79	340117-107	• TUBE, LH, NI.....	1	CDE
	340117-108	• TUBE, RH, NI.....	1	CDE
	340155-31	• TUBE, LH.....	1	F
	340155-32	• TUBE, RH.....	1	F
- 80	340155-23	• TUBE.....	2	F
- 81	340117-97	• TUBE.....	2	
- 82	340155-35	• TUBE.....	2	F
- 83	340117-119	• TUBE.....	2	
	340034-7	• FITTING, TENSION, LH.....	1	
	340034-8	• FITTING, TENSION, RH.....	1	
- 84	340178	• GUSSET.....	2	F
- 85	340040-7	• GUSSET, LH.....	1	
	340040-8	• GUSSET, RH.....	1	
	340040-9	• GUSSET, LH.....	1	
	340040-10	• GUSSET, RH.....	1	
- 86	340031-1	• BRACKET ASSY, WING ATTACH, LH.....	1	
	340031-2	• BRACKET ASSY, WING ATTACH, RH.....	1	
- 87	340078-7	• FITTING, LH.....	1	
	340078-8	• FITTING, RH.....	1	
- 88	340117-125	• TUBE.....	2	
- 89	340038	• PLATE, REINFORCING.....	2	
- 90	340036-7	• FITTING, SHEAR, LH, NI.....	1	CDE
	340036-8	• FITTING, SHEAR, RH, NI.....	1	CDE
	340168-1	• FITTING, SHEAR, LH.....	1	F
	340168-2	• FITTING, SHEAR, RH.....	1	F
- 91	340179	• GUSSET.....	2	
- 92	340035-7	• PLATE, ATTACH, LH, NI.....	1	CDE
	340035-8	• PLATE, ATTACH, RH, NI.....	1	CDE
	340031-1	• PLATE, ATTACH, LH.....	1	F
	340031-2	• PLATE, ATTACH, RH.....	1	F
- 93	340177	• GUSSET.....	2	
- 94	340117-131	• TUBE, LH.....	1	
	340117-132	• TUBE, RH.....	1	
- 95	340117-121	• TUBE.....	2	
- 96	340155-7	• TUBE.....	2	F
- 97	340117-123	• TUBE.....	2	
- 98	340155-69	• TUBE, LH.....	1	F
- 99	340040-13	• GUSSET.....	2	F
-100	340117-117	• TUBE.....	2	
-101	340155-67	• TUBE, LH.....	1	F
-102	340155-61	• TUBE, LH.....	2	F
-103	340040-13	• GUSSET.....	2	F
-104	340155-9	• TUBE.....	2	
-105	340117-145	• TUBE.....	2	
-106	340040-11	• GUSSET.....	2	
-107	340117-141	• TUBE.....	2	
-108	340117-113	• TUBE, NI.....	2	CDE
	340155-15	• TUBE.....	2	F
-109	340117-93	• TUBE, NI.....	2	CDE
	340155-11	• TUBE.....	2	F
-110	340117-147	• GUSSET, NI.....	1	CDE
	340200	• GUSSET.....	2	F
-111	340015-1	• PLATE, FUSELAGE ATTACH.....	2	
-112	340155-17	• TUBE.....	2	F



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
6-113	340117-105	• TUBE.....	1	
-114	913002	• FITTING.....	2	
-115	914045-11	• CAP.....	1	
	340043	• LUG.....	1	
-116	340049-1	• SUPPORT, BRAKE, LH.....	1	
	340049-2	• SUPPORT, BRAKE, RH.....	1	
-117	340167	• SUPPORT.....	1	F
-118	340117-85	• TUBE, LH, NI.....	1	CDE
	340117-86	• TUBE, RH, NI.....	1	CDF
	340155-51	• TUBE, LH.....	1	F
	340155-52	• TUBE, RH.....	1	F
-119	340117-87	• TUBE, LH, NI.....	1	CDE
	340117-88	• TUBE, RH, NI.....	1	CDE
	340155-53	• TUBE, LH.....	1	F
	340155-54	• TUBE, RH.....	1	F
-120	340117-89	• TUBE, LH, NI.....	1	CDE
	340117-90	• TUBE, RH, NI.....	1	CDF
	340155-63	• TUBE, LH.....	1	F
	340155-64	• TUBE, RH.....	1	F
-121	340040	• GUSSET.....	2	F
-122	340155-83	• TUBE, LH.....	1	F
	340117-91	• TUBE, LH, NI.....	1	CDE
-123	340021	• CLIP.....	1	CDE
	340058	• BRACKET, HINGE, NI.....	1	CDF
	340172	• BRACKET, HINGE.....	1	F
-124	340173	• BRACKET.....	1	F
	340005	• BRACKET, NI.....	1	CDE
	340040	• GUSSET, NI.....	1	CDF
-125	340005	• BRACKET, NI.....	2	CDE
	340173-501	• BRACKET.....	2	F
-126	340007	• STRAP.....	1	
-127	340006	• STRAP.....	1	
-128	340117-109	• TUBE, NI.....	1	CDE
	340155-71	• TUBE.....	1	F
-129	340024	• GUSSET.....	2	*VI
	340170	• BRACKET, ANTENNA.....	1	
-130	340117-111	• TUBE, NI.....	1	CDE
	340155-13	• TUBE.....	1	F
-131	340117-115	• TUBE, NI.....	2	CDE
	340155-29	• TUBE.....	2	F
-132	340015-1	• PLATE, FUSELAGE ATTACH.....	1	

*I- 2807C-3184C, 252D-259D, 470E-831E

*II- 3185C-3466C, 260D & ON, 832E-1308E

*III- 670001C & ON, 670001E & ON

*IV- 2807C-3466C, 252D-259D, 470E-1308E

*V- 670001C & ON, 260D & ON, 670001E & ON, 670001F & ON

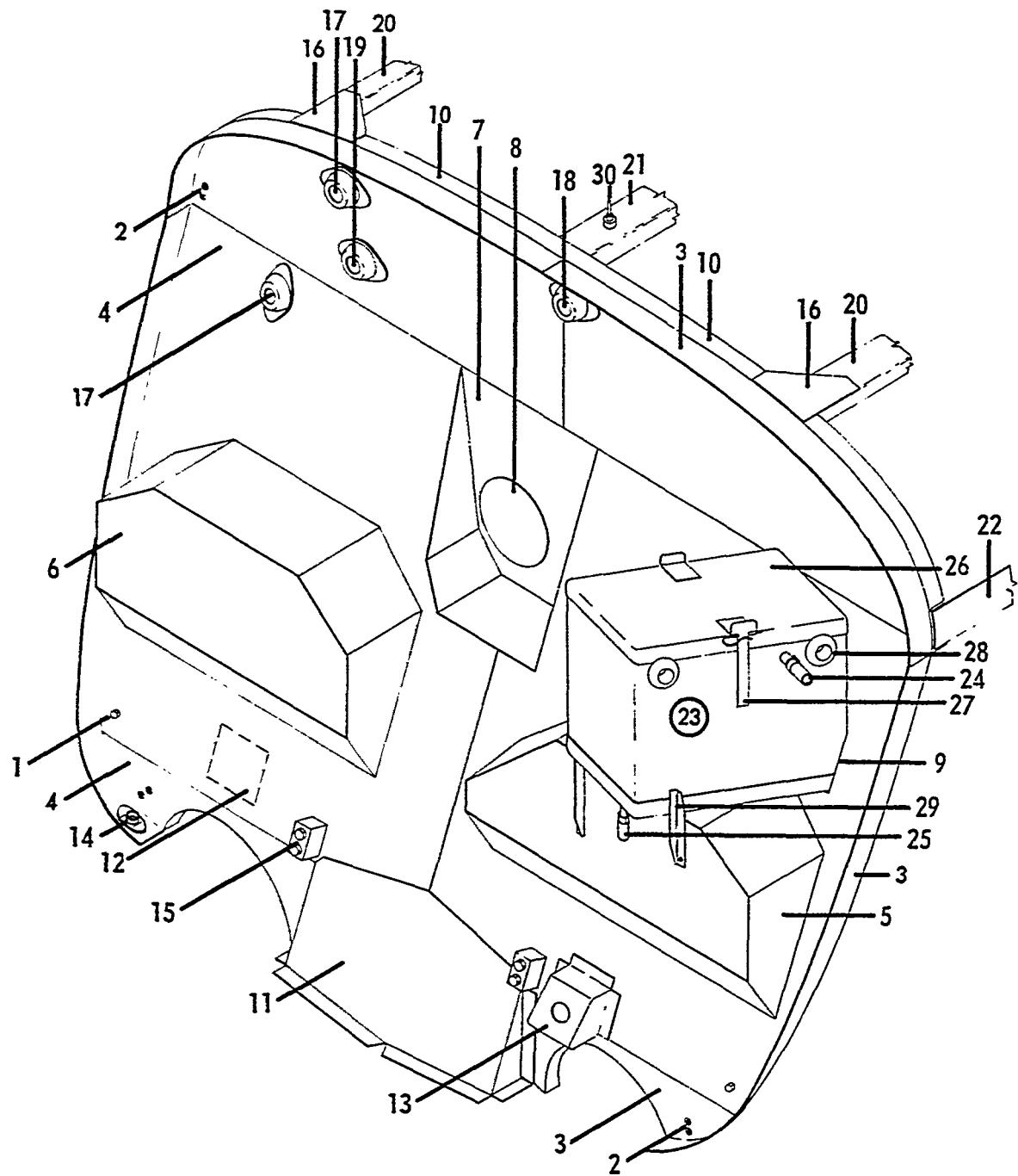


FIGURE 7. Fuselage Firewall Assembly



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
7-	600140-507	FIREWALL ASSY.....	1	*I
	600140-509	FIREWALL ASSY.....	1	*II
	600140-511	FIREWALL ASSY.....	1	*III
	600140-513	FIREWALL ASSY.....	1	*IV
- 1	320001-27	@ SHIM, NI.....	AR	
	AN3-10A	@ BOLT.....	2	
	AN960-10L	@ WASHER.....	2	
	AN363-1032	@ NUT.....	2	
- 2	AN515-6-R6	@ SCREW.....	8	
	AN960-6L	@ WASHER.....	16	
	AN363-632	@ NUT.....	8	
- 3	600139-15	. FIREWALL, LH.....	1	*I
	600139-17	. FIREWALL, LH.....	1	*II
	600139-27	. FIREWALL, LH.....	1	*V
- 4	600139-19	. FIREWALL, RH.....	1	*I
	600139-21	. FIREWALL, RH.....	1	*II
	600139-23	. FIREWALL, RH.....	1	*III
	600139-25	. FIREWALL, RH.....	1	*IV
- 5	600051-3	. . FOOTWELL, LH.....	1	CD
	600051-5	. . FOOTWELL, LH.....	1	EF
- 6	600005-7	. . FOOTWELL, RH.....	1	CD
	600005-3	. . FOOTWELL, RH.....	1	EF
- 7	600004-7	. . BOX.....	1	*I
	600004-501	. . BOX.....	1	*II
	600004-503	. . BOX.....	1	*III
	600004-505	. . BOX.....	1	*IV
- 8	600054	. . COVER.....	1	*VI
	#4 X 1/4	@ SCREW.....	8	*VI
	#6187-4Z-1	@ NUT.....	8	*VI
- 9	600055	. . WELL, BATTERY BOX.....	1	
- 10	600003-1	. . FLANGE.....	1	
- 11	600050-501	. . COVER.....	1	
	#8 X 1/2	@ SCREW.....	6	
	#1274-8Z-3	@ NUT.....	10	
- 12	600053	. . PLATE.....	1	
- 13	600102-501	. . BOX, FUEL FITTING STANDOFF.....	1	
- 14	#244-16	. . FASTENER, CAMLOCK.....	13	
- 15	590002	BLOCK, ENGINE MOUNT ATTACH.....	2	
	AN3-16A	@ BOLT.....	2	
	AN960-10	@ WASHER.....	2	
	AN365-1032	@ NUT.....	2	
- 16	600158	GUSSET.....	2	
	600179	GUSSET.....	1	
- 17	MT341	COLLAR, ELEC. WIRING GROMMET.....	2	
	MT841-7G	GROMMET.....	1	
	AN526-1032-R8	@ SCREW.....	2	
	AN960-10L	@ WASHER.....	2	
	AN365-1032	@ NUT.....	2	
- 18	MT341	COLLAR, ELEC. WIRING GROMMET.....	2	
	MT-841-4G	GROMMET.....	2	
	800028-9	SHIELD.....	1	
	AN526-1032-R8	@ SCREW.....	2	
	AN960-10	@ WASHER.....	2	
	AN365-1032	@ NUT.....	2	
- 19	660010-7	COLLAR, TACHOMETER GROMMET.....	2	
	800028-7	SEAL.....	1	
	MT-841-4G	GROMMET.....	2	



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
7- 19	AN526-1032-R8	a SCREW.....	1	
	AN526-1032-R14	a SCREW.....	1	
	AN960-10	a WASHER.....	2	
	AN365-1032	a NUT.....	2	
- 20	310140-3	CHANNEL, COWLING SKIN STIFFENER.....	2	
- 21	310027	BRACKET ASSY, ANTENNA MOUNTING.....	1	
	AN515-8R8	a SCREW.....	2	
	AN960-8L	a WASHER.....	4	
	AN365-832	a NUT.....	2	
	310027-7	. BRACKET.....	1	
	310027-11	. BRACKET.....	1	
	310027-9	. BRACKET.....	1	
	A6194-8Z-3	. NUT PLATE.....	4	
	A6191-8Z-3	. NUT PLATE.....	2	
- 22	310108-1	CHANNEL ASSY, SIDE, LH.....	1	
	310108-2	CHANNEL ASSY, SIDE, RH.....	1	
	310040-1	. CHANNEL, LH.....	1	
	310040-2	. CHANNEL, RH.....	1	
	310060	. CHANNEL.....	1	
	310107	. BRACKET.....	1	
	310044-1	. BRACKET, LH.....	1	
	310044-2	. BRACKET, RH.....	1	
	A-6191-8Z-3	. NUT PLATE.....	3	
- 23	800020	BOX ASSY, BATTERY.....	1	CD
	AN3-4A	a BOLT.....	2	CD
	AN23-19A	a BOLT.....	2	CD
	AN960-10	a WASHER.....	AR	CD
	AN970-3	a WASHER.....	4	CD
	AN365-1032	a NUT.....	4	CD
	800025-1	. SIDE ASSY, BATTERY BOX.....	1	CD
	800025-2	. SIDE ASSY, BATTERY BOX.....	1	CD
	800025-501	. . SIDE, BATTERY BOX.....	1	CD
	800025-503	. . SIDE, BATTERY BOX.....	1	CD
	800021-1	. PAN, BATTERY BOX.....	1	CD
- 24	800020-5	. TUBE.....	1	CD
	912004-9	. HOSE.....	1	CD
	#2802	. a WRAPLOCK.....	1	CD
- 25	800020-4	. TUBE, DRAIN.....	1	CD
	912004-11	. HOSE.....	1	CD
	#2802	. a WRAPLOCK.....	1	CD
- 26	800020-1	. LID ASSY.....	1	CD
	800121	. . BLOCK, SPACER.....	2	CD
	800026	. . CLASP.....	2	CD
- 27	800023	. LATCH.....	2	CD
	AN415-1-1	. PIN.....	2	CD
- 28	AN931-12-17	. GROMMET.....	2	CD
- 29	800022-1	LEG, LH.....	1	CD
	800022-2	LEG, RH.....	1	CD
	800022-3	BRACKET, RH.....	1	CD
- 30	VTP-17	ANTENNA.....	1	*VII

*I- 2807C-3466C, 252D & ON

*II- 470E-1308E

*III- 670001C & ON

*IV- 670001E & ON, 670001F & ON

*V- 670001C & ON, 670001E & ON, 670001F & ON

*VI- 2807C-3466C, 252D & ON, 470E-1308E

*VII- 2807C-3184C, 252D-259D, 470E-831E

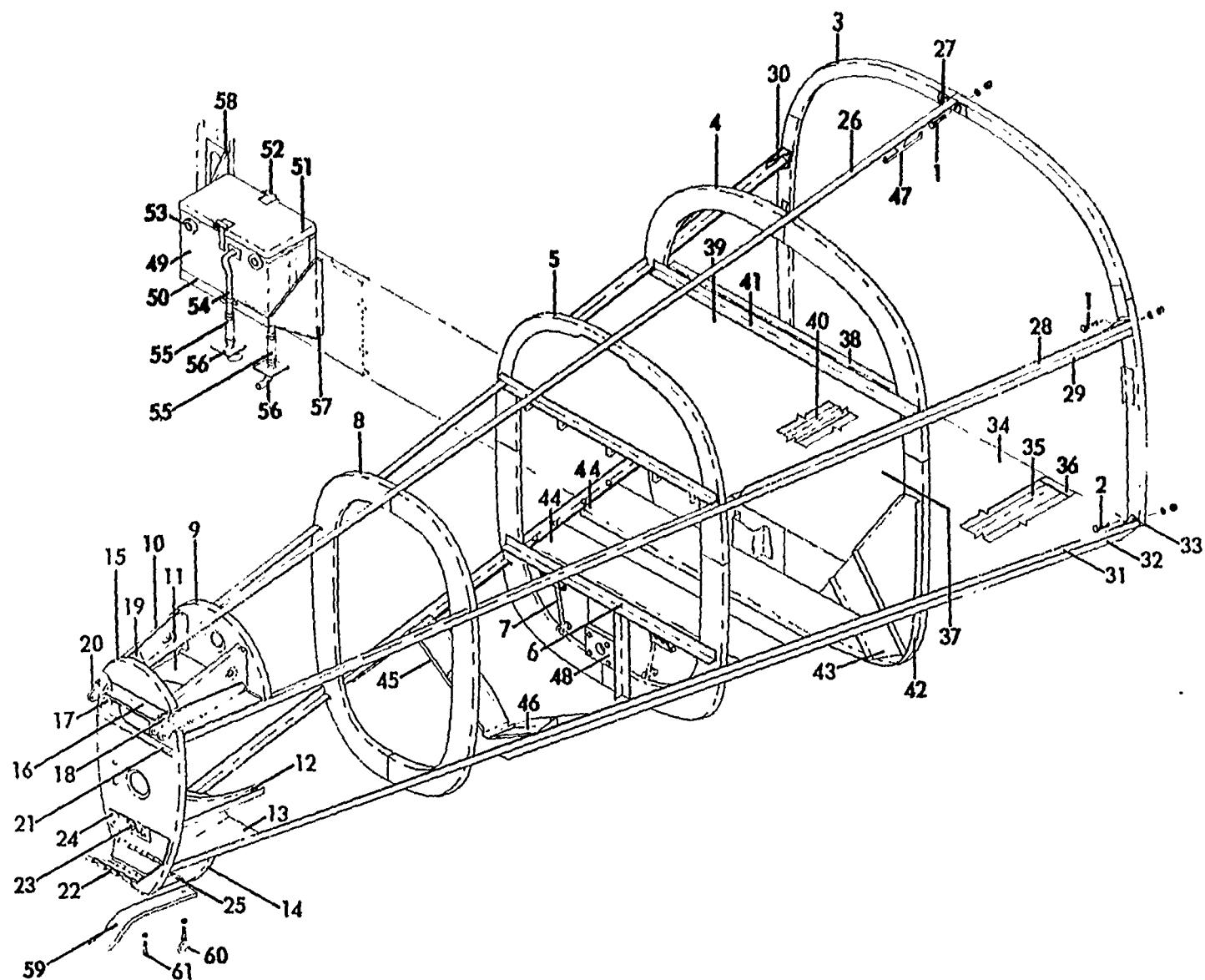


FIGURE 8. Fuselage Tail Cone Assembly



M20 SERIES

PARTS CATALOG

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
8-	350000-915	TAIL CONE ASSY.....	1	C
	350000-913	TAIL CONE ASSY.....	1	D
	350000-911	TAIL CONE ASSY.....	1	EF
- 1	AN4-6A	② BOLT.....	6	
	310110	② PLATE.....	2	
	AN960-416	② WASHER.....	6	
	AN365-428	② NUT.....	6	
- 2	AN4-20A	② BOLT.....	4	
	AN960-416	② WASHER.....	4	
	AN365-428	② NUT.....	4	
- 3	350012-1	• BULKHEAD ASSY.....	1	
	350010-1	• • BULKHEAD, UPPER, LH.....	1	
	350010-2	• • BULKHEAD, UPPER, RH.....	1	
	350008	• • PLATE, TOP SPLICE.....	1	
	350011-5	• • BULKHEAD ASSY, LOWER, LH.....	1	
	350011-7	• • BULKHEAD.....	1	
	350042	• • STIFFENER, ANGLE.....	1	
	350011-6	• • BULKHEAD ASSY, LOWER, RH.....	1	
	350011-8	• • BULKHEAD.....	1	
	350042	• • • STIFFENER, ANGLE.....	1	
	350009	• • PLATE, MIDDLE SPLICE.....	2	
- 4	350019-505	• BULKHEAD ASSY.....	1	*I
	350019-501	• BULKHEAD ASSY.....	1	D
	350019-507	• BULKHEAD ASSY.....	1	*II
	350019-509	• BULKHEAD ASSY.....	1	*III
	350017-1	• • BULKHEAD, UPPER, LH.....	1	
	350017-2	• • BULKHEAD, UPPER, RH.....	1	
	350013-3	• • PLATE, TOP SPLICE.....	1	
	350048-1	• • BULKHEAD, LOWER, LH.....	1	*IV
	350048-2	• • BULKHEAD, LOWER, RH.....	1	D
	350048-7	• • BULKHEAD, LOWER, LH.....	1	*II
	350018-501	• • BULKHEAD, LOWER, RH.....	1	*V
	350048-501	• • BULKHEAD, LOWER, LH.....	1	*III
	350018-503	• • BULKHEAD, LOWER, RH.....	1	*III
	350130	• • BRACKET, RUDDER SERVO, NI.....	1	
	350016	• • PLATE, BOTTOM SPLICE, NI.....	1	
	350014	• • PLATE, MIDDLE SPLICE, NI.....	2	
	350102	• • BULKHEAD.....	1	D
- 5	350113-1	• BULKHEAD ASSY.....	1	CEF
	350113-501	• BULKHEAD ASSY.....	1	D
	350021-1	• • BULKHEAD, UPPER, LH.....	1	
	350021-2	• • BULKHEAD, UPPER, RH.....	1	
	350013	• • PLATE, TOP SPLICE.....	1	
	350022-3	• • BULKHEAD, LOWER, LH.....	1	
	350022-4	• • BULKHEAD, LOWER, RH.....	1	
	350013	• • PLATE, BOTTOM SPLICE.....	1	
	350014	• • PLATE, MIDDLE SPLICE.....	2	
	350113-3	• • WALL, HAT RACK AFT.....	1	
- 6	350020	• • SUPPORT, HORIZONTAL.....	1	
	350015	• • STIFFENER, NI.....	1	
	350035	• • STIFFENER, VERTICAL.....	1	
	350036	• • CLIP, ANGLE.....	1	
	350002	• • CLIP, PLATE.....	1	
	913007	• • BRACKET, CONTROL IDLER.....	2	
	AN3-4A	• • ② BOLT.....	4	
	AN960-10	• • ② WASHER.....	4	
	AN365-1032	• • ② NUT.....	4	



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
8- 7	914016	• • BELLCRANK ASSY.....	2	
	914020	• • a BUSHING.....	2	
	AN3-24A	• • a BOLT.....	2	
	AN960-10	• • a WASHER.....	4	
	AN365-1032	• • a NUT.....	2	
- 8	350025-501	• BULKHEAD ASSY.....	1	
	350024-501	• • BULKHEAD, LH.....	1	
	350024-502	• • BULKHEAD, RH.....	1	
	350013	• • PLATE, SPLICE.....	2	
- 9	350059	• BULKHEAD.....	1	
- 10	350057-7	• PLATE, STIFFENER, LH.....	1	
	350057-8	• PLATE, STIFFENER, RH.....	1	
- 11	350068	• PLATE, STIFFENER.....	1	
- 12	350069	• PLATE, STIFFENER.....	1	
- 13	350066-1	• PLATE ASSY, TRIM ACTUATOR, LH.....	1	
	350066-2	• PLATE ASSY, TRIM ACTUATOR, RH.....	1	
	350067	• • STRAP, REINFORCING.....	2	
- 14	350076	• BULKHEAD.....	1	
	350075-501	• • STRAP, SKID ATTACH.....	1	
- 15	350070	• BULKHEAD.....	1	
- 16	350056	• STIFFENER, ANGLE.....	1	
	350058-7	• STIFFENER, ANGLE, LH, NI.....	1	
	350058-8	• STIFFENER, ANGLE, RH, NI.....	1	
- 17	350055-7	• STIFFENER, EMP ATTACH, LH.....	1	
	350055-8	• STIFFENER, EMP ATTACH, RH.....	1	
- 18	350060-7	• FITTING, EMP ATTACH, LH, IB.....	1	
	350060-8	• FITTING, EMP ATTACH, RH, IB.....	1	
- 19	350062	• STIFFENER, PLATE.....	2	
- 20	350061-7	• FITTING, EMP ATTACH, LH, OB.....	1	
	350061-8	• FITTING, EMP ATTACH, RH, OB.....	1	
	2LPHT5-9	• a HUCKBOLT, NI.....	2	
	LC-C5	• a COLLAR, NI.....	2	
- 21	350071-501	• STIFFENER, ANGLE.....	1	
	350058-7	• BRACKET, LH, NI.....	1	
	350058-8	• BRACKET, RH, NI.....	1	
	AN3-24A	• a BOLT.....	2	
	AN960-10	• a WASHER.....	4	
	AN363-1032	• a NUT.....	2	
- 22	480003-1	• HINGE ASSY, LOWER EMP.....	1	
	480003-7	• • PLATE, HINGE.....	1	
	480003-11	• • PLATE, HINGE.....	1	
	480003-13	• • PLATE, HINGE.....	1	
	480003-15	• • PLATE, HINGE.....	1	
	480003-17	• • PLATE, HINGE.....	1	
	480003-9	• • PLATE, HINGE.....	1	
	480003-21	• • PIN, HINGE.....	2	
	480003-23	• • PIN, HINGE.....	1	
	440019	• • a WASHER, SPACER.....	3	
	AN381-2-6	• • a PIN, COTTER.....	2	
- 23	350084	• SUPPORT, TRIM ATTACH.....	1	
- 24	350072	• BRACKET, TRIM ATTACH.....	1	
- 25	350074	• BAR, TAIL SKID ATTACH.....	1	
	350079-501	• • STRAP, TAIL SKID.....	1	
- 26	350003-1	• LONGERON, TOP.....	1	
	810086	• • DOUBLER, ANTENNA, LH, NI.....	1	
	810085	• • DOUBLER, ANTENNA, RH, NI.....	1	
- 27	350033	• CLIP ASSY, LONGERON.....	1	*VI

MOONEY**M20 SERIES****PARTS CATALOG**

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
8- 27	350149	• CLIP ASSY, LONGERON.....	1	*VII
- 28	350116-3	• STIFFENER, UPPER, LH.....	1	CEF
	350116-4	• STIFFENER, UPPER, RH.....	1	CEF
	350050-7	• STIFFENER, UPPER, LH.....	1	D
	350050-8	• STIFFENER, UPPER, RH.....	1	D
- 29	350117-3	• LONGERON, UPPER, LH.....	1	CEF
	350117-4	• LONGERON, UPPER, RH.....	1	CEF
	350077-7	• LONGERON, UPPER, LH.....	1	D
	350077-8	• LONGERON, UPPER, RH.....	1	D
	340004-7	• CLIP.....	2	*VIII
- 30	350052	• FITTING ASSY, LONGERON.....	2	
- 31	350078-9	• LONGERON, LOWER, LH.....	1	
	350078-10	• LONGERON, LOWER, RH.....	1	
	350099-1	• BRACKET, WING FLAP SYSTEM, NI.....	1	
	350099-2	• BRACKET, WING FLAP SYSTEM, NI.....	1	
- 32	350000-19	• STIFFENER, LOWER, LH.....	1	
	350000-20	• STIFFENER, LOWER, RH.....	1	
- 33	350034-501	• CLIP ASSY, LH.....	1	
	350034-502	• CLIP ASSY, RH.....	1	
- 34	350026-501	• FLOOR ASSY, BAGGAGE COMPT.....	1	*IX
	350026-503	• FLOOR ASSY, BAGGAGE COMPT.....	1	*VIII
	350038-501	• FLOOR.....	1	
	350110	• STIFFENER, AFT, RH, NI.....	1	
	010003-1	• STRAP, BAGGAGE, LH, NI.....	2	*IX
	010003-501	• STRAP, BAGGAGE, LH, NI.....	2	*VIII
	010003-2	• STRAP, BAGGAGE, RH, NI.....	2	*IX
	010003-503	• STRAP, BAGGAGE, RH, NI.....	2	*VIII
	AN3-6A	• A BOLT.....	4	
	AN970-4	• A WASHER.....	4	
- 35	350027-1	• STIFFENER, CENTER, NI.....	1	
	350027	• STIFFENER, LH, NI.....	1	
	350027-3	• STIFFENER, RH, NI.....	1	
	350027	• STIFFENER, OB.....	2	
- 36	350037	• SUPPORT, FLOOR.....	1	
- 37	350054-501	• WALL, BAGGAGE COMPT, AFT.....	1	*X
	350054-503	• WALL, BAGGAGE COMPT, AFT.....	1	*VIII
	350054	• WALL, BAGGAGE COMPT, AFT.....	1	D
	350030	• WALL ASSY, UPPER, NI.....	1	D
	350028	• WALL.....	1	D
	350029-1	• ANGLE, LH.....	1	D
	350029-2	• ANGLE, RH.....	1	D
	350001	• SUPPORT.....	1	D
	350156	• STIFFENER, PANEL.....	2	*VII
- 38	350114-3	• STIFFENER, HAT RACK.....	1	CEF
- 39	350112-1	• FLOOR ASSY, HAT RACK.....	1	CEF
	350112-3	• FLOOR, HAT RACK.....	1	CEF
- 40	350112-5	• STIFFENER.....	5	CEF
- 41	350112-7	• STIFFENER.....	1	CEF
	350112-9	• CLIP, NI.....	2	CEF
- 42	350102-501	• BULKHEAD ASSY.....	1	*X
	350102-503	• BULKHEAD ASSY.....	1	*VII
	350102	• BULKHEAD ASSY.....	1	D
	350103-501	• PLATE.....	1	*X
	350103-503	• PLATE.....	1	*VII
	350103-1	• PLATE.....	1	D
	350105	• STIFFENER, UPPER, NI.....	1	
	350106	• CLIP, UPPER, NI.....	2	



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
8- 42	350127	• • CHANNEL, NI.....	1	*V
	350127-503	• • CHANNEL, NI.....	1	*VII
	350108-1	• • STIFFENER ASSY, LOWER, NI.....	1	
	350111	• • STIFFENER.....	1	
	350107-1	• • CLIP, UPPER.....	1	
	350107-2	• • CLIP, LOWER.....	2	
	AN42-4	• • BOLT, CLEVIS.....	1	
	AN960-10	• • WASHER.....	1	
	AN365-1032	• • NUT.....	1	
- 43	840007	• • CHANNEL.....	1	
- 44	810017-501	• • RACK ASSY, ELECTRICAL EQUIPMENT.....	1	
	810017-3	• • CHANNEL, FWD.....	1	
	810017-7	• • CHANNEL, AFT.....	1	
	AN3-4A	• • a BOLT.....	8	
	AN960-10	• • a WASHER.....	8	
	AN960-1032	• • a NUT.....	8	
- 45	830040-1	• • BRACKET ASSY, ELEVATOR SERVO.....	1	CEF
	830040-3	• • BRACE.....	1	CEF
	830040-5	• • CLIP, ATTACH.....	1	CEF
- 46	830041-1	• • BRACKET ASSY, ELEVATOR SERVO.....	1	CEF
	830041-3	• • BRACE.....	1	CEF
	830041-5	• • CLIP, ATTACH.....	1	CEF
- 47	130077-1	• • HANGER ASSY, COAT.....	1	
	AN526-1032R6	• • a BOLT.....	2	
	350129-1	• • BRACKET ASSY, NI.....	1	
- 48	210118-1	• • PLATE ASSY, TRIM BEARING SUPPORT.....	1	
	210118-7	• • PLATE.....	1	
	NAJ5-02	• • NUT, ANCHOR.....	4	
	210118-9	• • BLOCK, FORMICA.....	1	
	AN3-7A	• • a BOLT.....	4	
	AN960-10	• • a WASHER.....	8	
- 49	800020-501	• • BOX ASSY, BATTERY.....	1	*XI
	800177-501	• • BOX ASSY, BATTERY.....	1	*XII
	800025-3	• • SIDE ASSY.....	1	EF
	800025-2	• • SIDE ASSY.....	1	EF
	800018-1	• • STIFFENER.....	2	EF
	800018-2	• • STIFFENER.....	2	EF
- 50	800021-1	• • PAN, BOTTOM.....	1	*XI
	800020-4	• • TUBE, DRAIN.....	1	*XI
	800179	• • PAN ASSY, BOTTOM.....	1	*XII
	800179-3	• • PAN, BOTTOM.....	1	*XII
	800179-5	• • TUBE, DRAIN.....	1	*XII
- 51	800178	• • PAN ASSY, LID.....	1	*XII
	800178-3	• • PAN.....	1	*XII
	800026	• • CLASP.....	2	EF
	800121	• • SPACER.....	1	EF
	800178-7	• • STRIP, SEAL.....	1	*XII
	800178-5	• • PAD, RUBBER.....	2	*XII
- 52	800023	• • LATCH.....	2	EF
	AN415-1-2	• • PIN.....	2	*XII
	AN415-1-1	• • PIN.....	2	*XI
- 53	AN913-12-19	• • GROMMET, RUBBER.....	2	EF
- 54	800047-1	• • TUBE ASSY.....	1	EF
	AN750-8	• • a CLAMP.....	1	EF
- 55	800045-11	• • TUBE, VINYL, DRAIN.....	2	EF
	QS100-M8	• • a CLAMP.....	4	EF
- 56	800046-1	• • FITTING ASSY, BATTERY DRAIN.....	2	EF

MOONEY**M20 SERIES****PARTS CATALOG**

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
8- 57	800045-5	• BRACKET, BATTERY BOX SUPPORT.....	1	EF
- 58	800045-3	• BRACKET, BATTERY BOX SUPPORT.....	1	EF
	800045-9	• BRACKET.....	1	EF
		• SEE FIG 10 FOR TAIL CONE SKIN CALLOUT.		
		• SEE FIG 15 FOR DORSAL FAIRING CALLOUT.		
- 59	350073	• SKID, TAIL.....	1	
- 60	350122-3	• . EYEBOLT, TAIL TIE DOWN.....	1	
	AN960-416	• . 3 WASHER.....	1	
- 61	AN4-11A	• . BOLT.....	1	
	AN960-416	• . WASHER.....	1	
 *I- 2807C-3455C				
*II- 470E-1205E				
*III- 3456C & ON, 1206E & ON, 670001F & ON				
*IV- 2807C-3455C, 252D & ON				
*V- 2807C-3455C, 470E-1205E				
*VI- 2807C-3466C, 252D & ON, 470E-1308E				
*VII- 670001C & ON, 670001E & ON, 670001F & ON				
*VIII- 3185C & ON, 260D & ON, 832E & ON, 670001F & ON				
*IX- 2807C-3184C, 252D-259D, 470E-831E				
*X- 2807C-3184C, 470E-1308E				
*XI- 470E-831E				
*XII- 832E & ON, 670001F & ON				

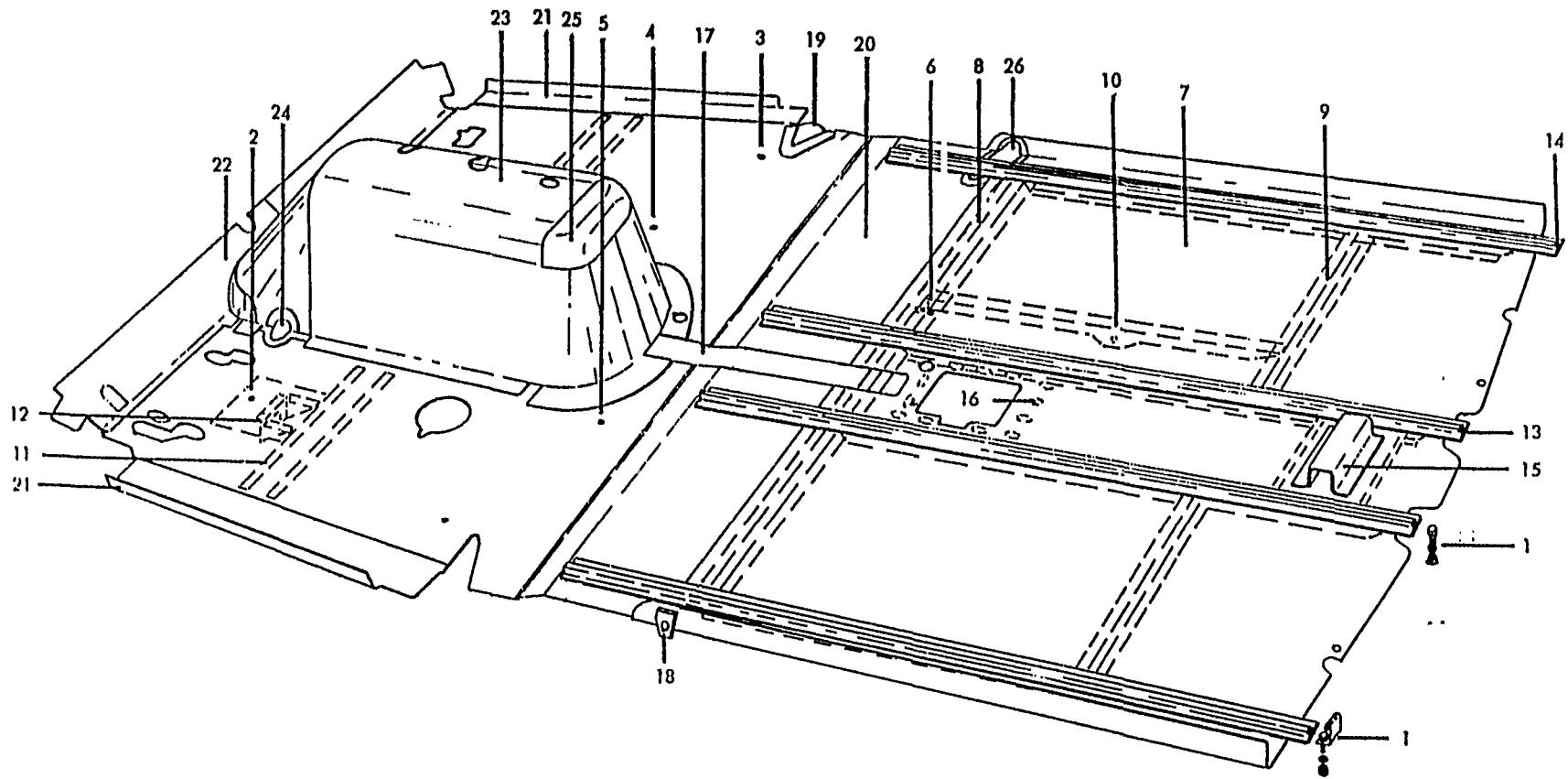


FIGURE 9. Fuselage Fluorboard Assembly

MOONEY



M20 SERIES

PARTS CATALOG

FIGURE & INDEX NOS	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
9-	340052-509	FLOORBOARD ASSY.....	1	*I
	340052-511	FLOORBOARD ASSY.....	1	D
	340052-513	FLOORBOARD ASSY.....	1	*II
	340156-501	FLOORBOARD ASSY.....	1	*III
- 1	913046-11	CLIP, UPHOLSTERY.....	2	*IV
	210211-501	CLIP, UPHOLSTERY.....	2	*V
	AN3-6A	Ⓐ BOLT, IB SEAT RAILS.....	4	
	AN3-10A	Ⓐ BOLT, OB SEAT RAILS.....	4	
	AN960-10	Ⓐ WASHER.....	16	
	AN365-1032	Ⓐ NUT.....	8	
	AN525-832-R8	Ⓐ SCREW.....	16	
	AN960-10	Ⓐ WASHER.....	16	*VI
	AN960-10	Ⓐ WASHER.....	32	F
	HW14A08	Ⓐ NUT & WASHER.....	16	*VI
	AN363-832	Ⓐ NUT.....	16	F
- 2	AN23-19A	Ⓐ BOLT.....	2	
	AN960-10	Ⓐ WASHER.....	6	
	AN365-1032	Ⓐ NUT.....	2	
- 3	AN23-27A	Ⓐ BOLT.....	2	
	AN970-3	Ⓐ WASHER.....	2	
	AN960-10L	Ⓐ WASHER.....	AR	
	AN960-10	Ⓐ WASHER.....	AR	
	914019-1	Ⓐ BUSHING.....	2	
	AN365-1032	Ⓐ NUT.....	2	
- 4	AN23-23A	Ⓐ BOLT.....	1	
	AN960-10	Ⓐ WASHER.....	AR	
	914019-1	Ⓐ BUSHING.....	1	
	AN365-1032	Ⓐ NUT.....	1	
- 5	AN23-26A	Ⓐ BOLT.....	1	
	AN960-10	Ⓐ WASHER.....	AR	
	914019-1	Ⓐ BUSHING.....	1	
	AN365-1032	Ⓐ NUT.....	1	
- 6	AN3-11A	Ⓐ BOLT.....	4	
	AN960-10	Ⓐ WASHER.....	AR	
	AN365-1032	Ⓐ NUT.....	4	
- 7	340052-19	. FLOORBOARD.....	1	*VI
	340052-23	. FLOORBOARD.....	1	*II
	340156-501	. FLOORBOARD.....	1	*III
	ESNA-22NA17A-02	Ⓐ NUT PLATE, NI.....	1	
- 8	340004-1	. SUPPORT.....	1	
	340004-9	. BRACKET, NI.....	2	
	340004-7	. BRACKET, NI.....	2	
	340057	. BRACKET, NI.....	1	
- 9	340053-9	. SUPPORT, ANGLE.....	2	
	340053-11	. CLIP, NI.....	2	*VI
	340053-11	. CLIP, NI.....	4	F
- 10	750015-7	. BRACKET.....	1	
- 11	340052-11	. SHIM, CABIN TUBULAR STRUCTURE.....	2	*VI
	340052-11	. SHIM, CABIN TUBULAR STRUCTURE.....	4	F
- 12	340052-21	. DOUBLER.....	1	
	610056	. BRACKET, FUEL PUMP MOUNTING.....	1	
- 13	340054-13	. RAIL, SEAT.....	1	*VI
	340156-13	. RAIL, SEAT.....	1	F
	340053-7	. SUPPORT, SEAT RAIL.....	2	
	340053-11	. BRACKET.....	2	
- 14	340054-11	. RAIL, SEAT.....	2	*VI
	340156-11	. RAIL, SEAT.....	2	F



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
9- 14	340053-7	. SUPPORT, RAIL SEAT.....	2	
	340053-11	. BRACKET.....	2	
- 15	560043-7	. BRACKET, GEAR HANDLE UPLock.....	1	*VII
	560043-9	. DOUBLER.....	1	*VII
	560043-11	. SHIM, NI.....	2	*VII
- 16	AN362-F832	. NUT PLATE.....	12	
	AN362-F832	. NUT PLATE.....	8	
- 17	340052-17	. PLATE, COVER.....	1	*VIII
	950119	. PLATE, COVER.....	1	F
- 18	730007-7	. BLOCK, GUIDE, LH.....	1	
	730007-8	. BLOCK, GUIDE, RH.....	1	
	AN526-6R8	. @ SCREW.....	4	
	AN960-6	. @ WASHER.....	8	
	AN365-632	. @ NUT.....	4	
- 19	310132-9	. COVER, CONTROL ROD.....	2	
	#4 X 1/4	. @ SCREW.....	6	*VI
	AN530-4R6	. @ SCREW.....	6	F
	NO NUMBER	. @ TAPE, ALUMINUM.....		AR
- 20	340156-501	. FLOORBOARD, MID. SECTION.....	1	F
	340167	. SUPPORT, FLOORBOARD, NI.....	1	F
	340156-17	. @ BUSHING, NI.....	4	FF
	914019-3	. @ BUSHING, NI.....	4	FF
	AN970-3	. @ WASHER, NI.....	4	FF
	AN23-26A	. @ BOLT, NI.....	4	FF
	AN960-10	. @ WASHER, NI.....	12	FF
	AN365-1032	. @ NUT, NI.....	4	FF
	AN507R-632-28	. @ SCREW, NI.....	4	FF
	AN960-6	. @ WASHER, NI.....	12	FF
	AN365-632	. @ NUT, NI.....	4	F
- 21	340056-501	. PLATE, FLOORBOARD ATTACH, LH.....	1	
	340056-502	. PLATE, FLOORBOARD ATTACH, RH.....	1	
- 22	340052-9	. COVER, NI.....	1	
	340131-3	. FAIRING, LH.....	1	
	340131-4	. FAIRING, RH.....	1	
	340053-11	. CLIP, NI.....	2	
	A1890-4Z-1	. @ SPEED NUT, NI.....	1	
	AN530-4R6	. @ SCREW, NI.....	1	
- 23	310201-11	WHEEL WELL ASSY, NOSE.....	1	
	310201-3	. WHEEL WELL.....	1	
	AN742-8	. @ CLAMP.....	1	
	AN363-1032	. @ NUT.....	1	
	AN960-10L	. @ WASHER.....	2	
	AN526-10R7	. @ SCREW.....	1	
	RM52LHTA51H-62	. NUT PLATE.....	2	*IX
	RM52LHTA51-02	. @ NUT PLATE.....	1	*IX
	#12	. @ TAPE, PLASTIC.....		AR
- 24	310201-9	. FAIRING.....	2	
- 25	210201-13	. CAP.....	1	*IX
	AN960-8	. @ WASHER.....	22	*IX
	310132-9	. COVER, NI.....	1	*IX
- 26	310132-7	. COVER, PLATE, LH.....	1	*IV
	310132-8	. COVER, PLATE, RH.....	1	*IV
	310244-1	. COVER, PLATE, LH.....	1	*V
	310244-2	. COVER, PLATE, RH.....	1	*V
	AN530-4R6	. @ SCREW.....	6	*IV
	AN530-4R6	. @ SCREW.....	2	*V

MOONEY**M20 SERIES****PARTS CATALOG**

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
9-		*I- 2807C-3466C, 470E-1308E *II- 670001C & ON, 670001E & ON *III- 670001F & ON *IV- 2807C-3466C, 252D & ON, 470E-1308E *V- 670001C & ON, 670001E & ON, 670001F & ON *VI- 2807C & ON, 252D & ON, 470E & ON *VII- 2807C & ON, 470E & ON *VIII- 670001C & ON, 252D & ON, 670002E & ON *IX- 3185C-3196C, 3231C & ON, 260D & ON, 832E-840E 870E & ON 6700 01F & ON		

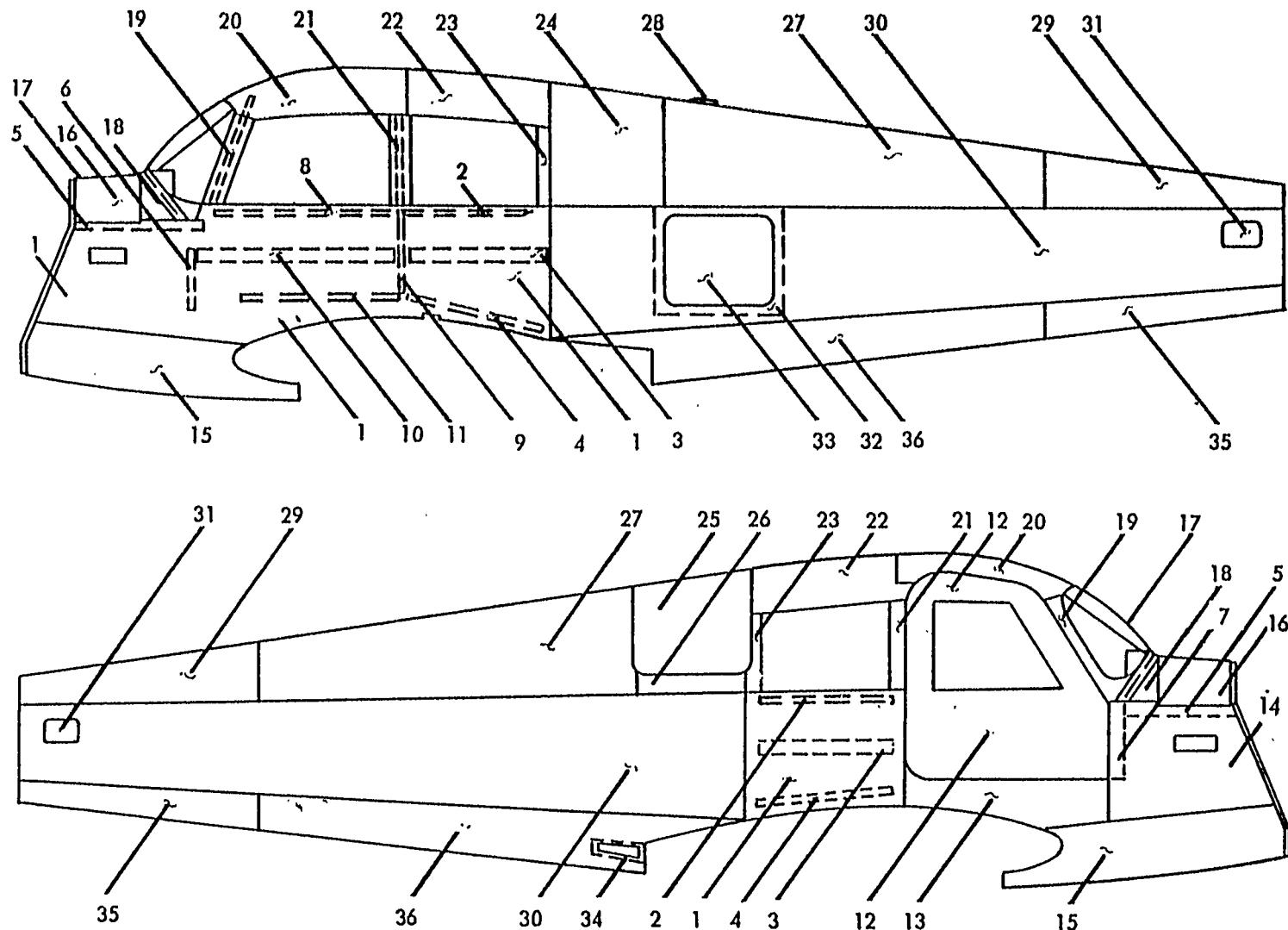


FIGURE 10. Fuselage Skins (M20C, D&E)

MOONEY**M20 SERIES****PARTS CATALOG**

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
10- 1	320009-41	SKIN ASSY.....	1	CDE
	320009-37	. SKIN, LH.....	1	*I
	320009-39	. SKIN, RH.....	1	*I
	320009-47	. SKIN, LH.....	1	*II
	320009-51	. SKIN, RH.....	1	*II
	320009-57	. SKIN, LH.....	1	*III
	320009-69	. SKIN, RH.....	1	*III
	640132-3	EXHAUST DUCT ASSY, LH, NI.....	1	*IV
	640132-4	EXHAUST DUCT ASSY, RH, NI.....	1	*IV
	PR1221-B4	@ SEALANT.....	AR	*IV
	AN530-4R4	@ SCREW.....	4	*IV
	A1890-4Z-1	@ SPEED NUT.....	4	*IV
	640125-1	. DUCT, EXHAUST, LH, NI.....	1	*IV
	640125-2	. DUCT, EXHAUST, RH, NI.....	1	*IV
	640132-5	. SCREEN, DUCT, NI.....	1	*IV
	AN530-4R4	@ SCREW.....	6	*IV
	A1890-4Z-1	@ SPEED NUT.....	6	*IV
	640133	. COVER, EXHAUST DUCT.....	2	*IV
	AN530-4R4	@ SCREW.....	1	*IV
	914053-7	. @ SPACER.....	1	*IV
	#1197	. @ SCREW.....	1	*IV
	#7615	. @ WASHER.....	1	*IV
	1777-6Z-1	. @ SPEED NUT.....	1	*IV
	320009-51	. PLATE, LOUVERED.....	1	*I
- 2	320009-5	STIFFENER, LH.....	1	CDE
	320009-6	STIFFENER, RH.....	1	CDE
	AN530-4R6	@ SCREW.....	4	CDE
- 3	320009-45	STIFFENER ASSY.....	2	*V
	320009-59	STIFFENER ASSY.....	2	*III
- 4	320009-7	STIFFENER.....	2	CDE
- 5	310108-1	STIFFENER ASSY, LH.....	1	CDE
	310108-2	STIFFENER ASSY, RH.....	1	CDE
	A6191-8Z-3	@ SPEED NUT.....	6	CDE
	310107	. BRACKET, NI.....	2	CDE
	310040-1	. STIFFENER, LH.....	1	CDE
	310044-1	. SPACER, BLOCK, LH, NI.....	1	CDE
	310040-2	. STIFFENER, RH, NI.....	1	CDE
	310044-2	. SPACER, BLOCK, RH, NI.....	1	CDE
- 6	320009-15	STIFFENER.....	1	CDE
	AN530-4R6	@ SCREW.....	3	CDE
- 7	310060	ANGLE, DOOR ATTACH.....	1	CDE
	320001-29	SHIM.....	AR	CDE
- 8	320009-3	STIFFENER.....	1	CDE
	AN530-4R6	@ SCREW.....	5	CDE
- 9	320009-13	STIFFENER.....	1	CDE
- 10	320009-43	STIFFENER ASSY.....	1	*V
	320009-61	STIFFENER ASSY.....	1	*III
	320009-17	. STIFFENER.....	1	CDE
- 11	320009-9	STIFFENER.....	1	CDE
- 12	340124-1	DOOR ASSY, CABIN.....	1	CDE
- 13	310089	SKIN, RH.....	1	CDE
- 14	310143-503	SKIN ASSY, RH.....	1	*VI
	310143-501	SKIN ASSY, RH.....	1	*VII
	310143-5	. SKIN.....	1	CDE
	640040-501	. SCOOP, AIR.....	1	CDE
	320013-51	. ANGLE, NI.....	1	*VII
	320013-57	. ANGLE, NI.....	1	*VII



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
10- 15	310003-501	SKIN, LH.....	1	CDE
	310003-502	SKIN, RH.....	1	CDE
- 16	310046-3	PANEL ASSY, LH.....	1	CDE
	310140-501	. CHANNEL, SKIN STIFFENER, NI.....	1	*VIII
	310140-3	. CHANNEL, SKIN STIFFENER, NI.....	1	*IX
	860025	. MOUNT, FILTER ASSY.....	1	*VIII
	310046-4	PANEL ASSY, RH.....	1	CDE
	AN526-832R6	2 SCREW.....	12	CDE
	310040-3	. CHANNEL, SKIN STIFFENER, NI.....	1	CDE
- 17	310117-501	STRIP, ACCESS PANEL, NI.....	1	CDE
	AN530-8R8	2 SCREW.....	6	CDE
	310027	BRACKET ASSY, ANTENNA MOUNTING.....	1	*X
	A6194-8Z-3	2 SPEED NUT.....	6	*X
	310027-9	. BRACKET, NI.....	1	*X
	310027-11	. BRACKET, NI.....	1	*X
- 18	310092-1	COWLING, WINDSHIELD, LH.....	1	CDE
	310092-2	COWLING, WINDSHIELD, RH.....	1	CDE
- 19	320009-25	SKIN, POST, LH.....	1	CDE
	320009-27	SKIN, POST, RH.....	1	CDE
	310049-1	ANGLE, WINDSHIELD SIDE POST, LH, NI.....	1	CDE
	AN530-4R6	2 SCREW.....	AR	CDE
- 20	320009-21	SKIN, TOP, FWD.....	1	CDE
- 21	320009-29	SKIN, POST, LH.....	1	CDE
	320009-31	SKIN, POST, RH.....	1	CDE
	320009-11	BOW, WINDOW, LH.....	1	CDE
	320009-12	BOW, WINDOW, RH.....	1	CDE
- 22	320009-23	SKIN, TOP, AFT.....	1	*I
	320009-53	SKIN, TOP, AFT.....	1	*IV
- 23	320009-33	SKIN, POST, LH.....	1	*V
	320009-35	SKIN, POST, RH.....	1	*V
	320009-65	SKIN, POST, LH.....	1	*III
	320009-67	SKIN, POST, RH.....	1	*III
- 24	350000-13	SKIN, LH.....	1	CDE
- 25	350090-505	DOOR ASSY, BAGGAGE.....	1	CDE
- 26	350090	SKIN, BAGGAGE DOOR TRIM.....	1	CDE
- 27	350000-11	SKIN, LH.....	1	CDE
	350000-12	SKIN, RH.....	1	CDE
- 28	640003-503	VENT ASSY.....	1	*XI
	640003-505	VENT ASSY.....	1	*XII
	640004-5	. PLATE, NI.....	1	*I
	310032	. SCREEN, NI.....	1	*I
	640050-1	. MOUNT.....	1	*I
- 29	350000-15	SKIN.....	1	CDE
- 30	350000-25	SKIN, LH.....	1	CDE
	350000-26	SKIN, RH.....	1	CDE
- 31	913011-501	COVER ASSY, INSPECTION.....	1	CDE
	AN509-8R7	2 SCREW.....	10	CDE
- 32	913013-501	RING, ACCESS DOOR.....	1	CDE
- 33	913014-501	COVER, TAIL CONE ACCESS.....	1	CDE
	2-0-100	. 2 FASTENER.....	23	CDE
	82-32-101-17	. 2 RING, SPLIT.....	23	CDE
- 34	350104	DOUBLER, STEP OUTLET.....	1	CDE
- 35	350000-27	SKIN.....	1	CDE
- 36	350000-9	SKIN, LH.....	1	CDE
	350000-10	SKIN, RH.....	1	CDE

*I- 2807C-3184C, 252D-259D, 470E-831E

MOONEY**M20 SERIES****PARTS CATALOG**

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
10-		*II- 3185C-3466C, 260D & ON, 832E-1308E *III- 670001C & ON, 670001E & ON *IV- 3185C & ON, 260D & ON, 832E & ON *V- 2807C-3466C, 260D & ON, 470E-1308E *VI- 2807C-3143C, 252D-259D, 470E-801E *VII- 3144C & ON, 260D & ON, 802E & ON *VIII- 3185C-3195C, 832E-839E *IX- 3196C & ON, 260D & ON, 840E & ON *X- 3185C & ON, 832E & ON *XI- 2807C-3184C, 470E-831E *XII- 252D-259D		

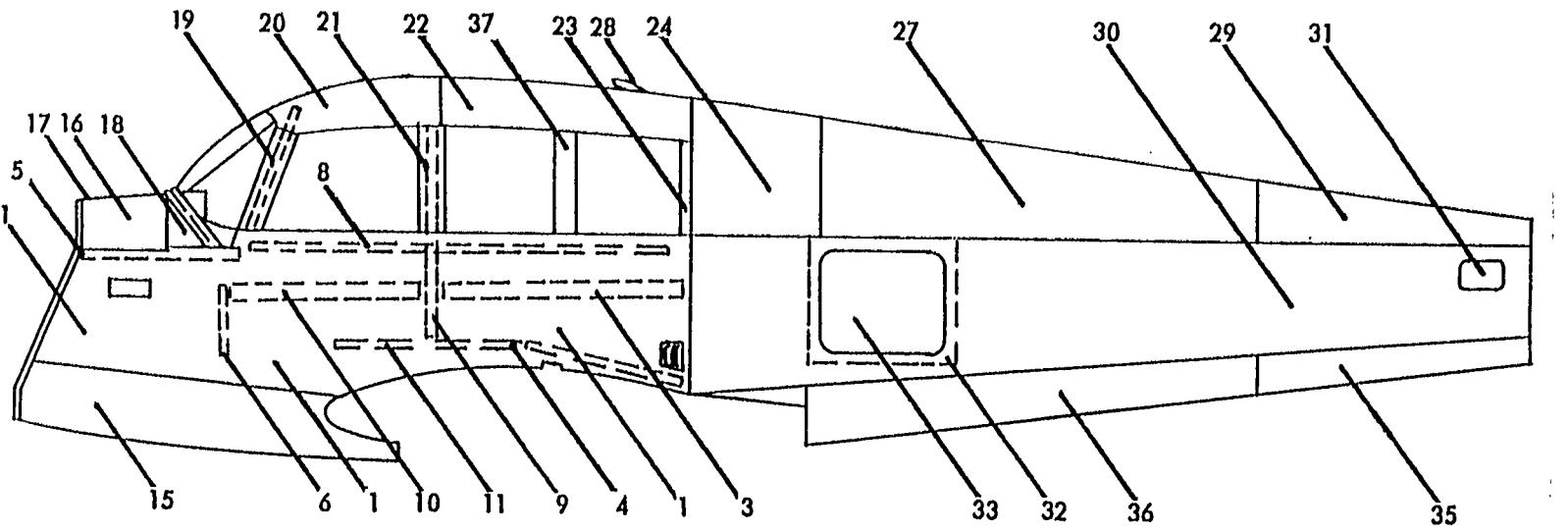
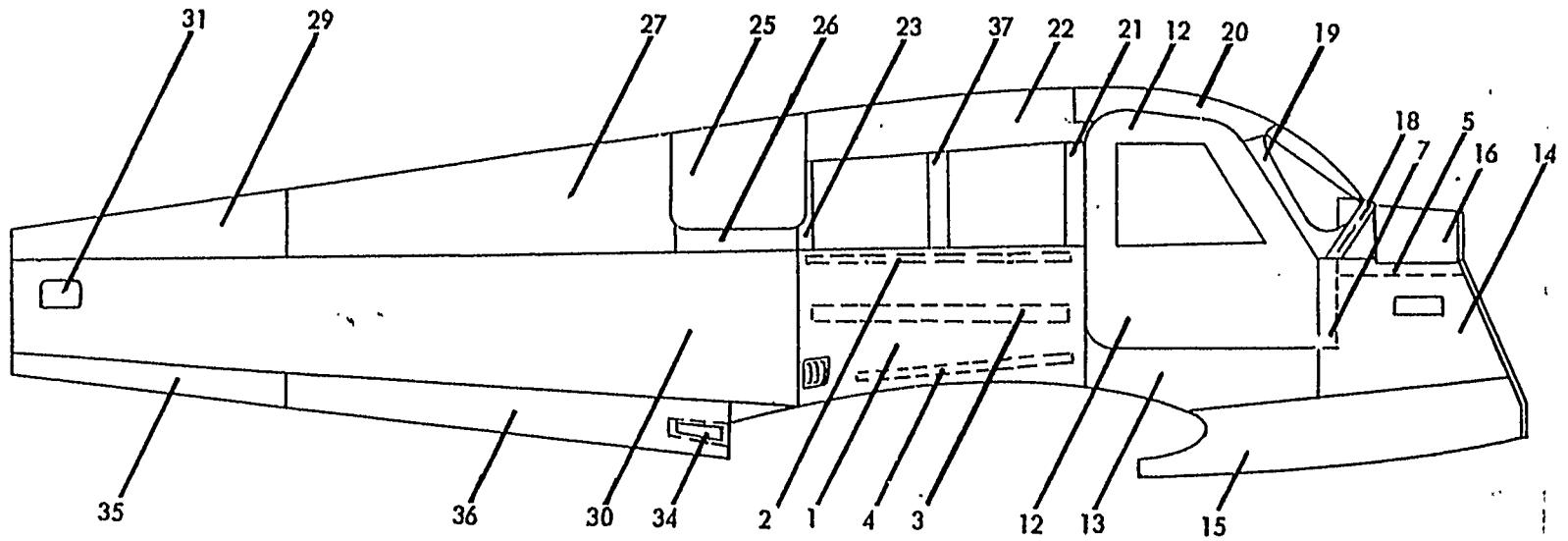


FIGURE 11. Fuselage Skins (M20F)



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M20 SERIES

PARTS CATALOG

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
11- 1	320013-5	SKIN ASSY.....	1	F
	320013-13	• SKIN, LH.....	1	F
	320013-23	• SKIN, RH.....	1	F
	640132-7	EXHAUST DUCT ASSY, LH, NI.....	1	F
	640132-8	EXHAUST DUCT ASSY, RH, NI.....	1	F
	PR1221-B4	Ø SEALANT.....	AR	F
	AN530-4R4	Ø SCREW.....	4	F
	A1890-4Z-1	Ø SPEED NUT.....	4	F
	640125-1	• DUCT, EXHAUST, LH, NI.....	1	F
	640125-2	• DUCT, EXHAUST, RH, NI.....	1	F
	640132-5	• SCREEN, DUCT, NI.....	1	F
	AN530-4R4	• Ø SCREW.....	6	F
	A1890-4Z-1	• Ø SPEED NUT.....	6	F
	640133	• COVER, EXHAUST DUCT.....	2	F
	AN530-4R4	• Ø SCREW.....	1	F
	914053-7	• Ø SPACER.....	1	F
	#1197	• Ø SCREW.....	1	F
	#7615	• Ø WASHER.....	1	F
	1777-6Z-1	• Ø SPEED NUT.....	1	F
- 2	320013-7	STIFFENER, LH.....	1	F
- 3	320013-8	STIFFENER, RH.....	1	F
- 3	3200013-11	STIFFENER ASSY.....	1	F
	320013-17	• ANGLE, LH, NI.....	1	F
	320013-18	• ANGLE, RH, NI.....	1	F
	320013-39	• ANGLE, RH, NI.....	1	F
	320013-19	• SUPPORT, LH, NI.....	1	F
	320013-20	• SUPPORT, RH, NI.....	1	F
- 4	320013-27	CHANNEL, LH.....	1	F
	320013-28	CHANNEL, RH.....	1	F
	320013-29	CHANNEL, LH.....	1	F
- 5	310108-1	CHANNEL, LH.....	1	F
	310108-2	CHANNEL, RH.....	1	F
- 6	320009-15	ANGLE, LH.....	1	F
- 7	310108-2	CHANNEL ASSY, RH.....	1	F
	AN507-6R20	Ø SCREW.....	1	F
	AN960-6	Ø WASHER.....	1	F
	AN363-632	Ø NUT.....	1	F
	AN507-6R7	Ø SCREW.....	2	F
	AN960-6	Ø WASHER.....	2	F
	AN363-632	Ø NUT.....	2	F
	340172	• BRACKET.....	1	F
	340022	• CLIP.....	1	F
	AN526-8R8	• Ø SCREW.....	2	F
	AN960-8	• Ø WASHER.....	2	F
	AN363-832	• Ø NUT.....	2	F
- 8	320009-3	STIFFENER, LH.....	1	F
	AN530-4R6	Ø SCREW.....	5	F
- 9	320009-13	ANGLE, LH.....	1	F
- 10	320009-61	STIFFENER.....	1	F
- 11	320013-25	CHANNEL.....	1	F
- 12	340124	DOOR, CABIN.....	1	F
- 13	310226	SKIN, RH.....	1	F
- 14	310143-501	SKIN, RH.....	1	F
	320013-51	ANGLE, RH, NI.....	1	F
	320013-57	CHANNEL, RH, NI.....	1	F
- 15	310227-1	COWLING, LH.....	1	F
	310227-2	COWLING, RH.....	1	F

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FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
11- 16	310046-3	PANEL, ACCESS, LH.....	1	F
	310046-4	PANEL, ACCESS, RH.....	1	F
	AN530-8R8	Ⓐ SCREWS.....	6	F
	310140-3	STIFFENER.....	2	F
- 17	310117-501	STRIP ASSY, ACCESS PANEL.....	1	F
	AN530-8R8	Ⓐ SCREW.....	6	F
	310027	BRACKET ASSY, ANTENNA MOUNTING.....	1	F
	A6194-8Z-3	Ⓐ SPEED NUT.....	6	F
	310027-9	• BRACKET.....	1	F
	310027-11	• BRACKET.....	1	F
- 18	310093-503	COWLING, WINDSHIELD.....	1	F
- 19	320009-25	POST, WINDSHIELD, LH.....	1	F
	320009-27	POST, WINDSHIELD, RH.....	1	F
- 20	320013-43	SKIN, TOP, FWD.....	1	F
- 21	320009-29	SKIN, POST, LH.....	1	F
	320009-31	SKIN, POST, RH.....	1	F
- 22	320013-9	SKIN, TOP.....	1	F
- 23	320013-33	SKIN, POST, LH.....	1	F
	320013-31	SKIN, POST, RH.....	1	F
- 24	350000-13	SKIN, LH.....	1	F
- 25	350090-507	DOOR ASSY, BAGGAGE.....	1	F
- 26	350090	SKIN, BAGGAGE DOOR TRIM.....	1	F
- 27	350000-11	SKIN, LH.....	1	F
	350000-12	SKIN, RH.....	1	F
- 28	340138	AIR SCOOP ASSY, OVERHEAD.....	1	F
- 29	350000-15	SKIN.....	1	F
- 30	350000-25	SKIN, LH.....	1	F
	350000-26	SKIN, RH.....	1	F
- 31	913011-501	COVER ASSY, INSPECTION.....	2	F
	AN509-8R7	Ⓐ SCREW.....	10	F
- 32	913013-501	RING, ACCESS DOOR.....	1	F
- 33	913014-501	COVER, TAIL CONE ACCESS.....	1	F
	2-0-100	• Ⓐ FASTENER.....	23	F
	82-32-101-17	• Ⓐ RING, SPLIT.....	23	F
- 34	350104	DOUBLER, STEP OUTLET.....	1	F
- 35	350000-27	SKIN.....	1	F
- 36	350000-9	SKIN, LH.....	1	F
	350000-10	SKIN, RH.....	1	F
- 37	320013-21	SKIN, POST, LH.....	1	F
	320013-22	SKIN, POST, RH.....	1	F

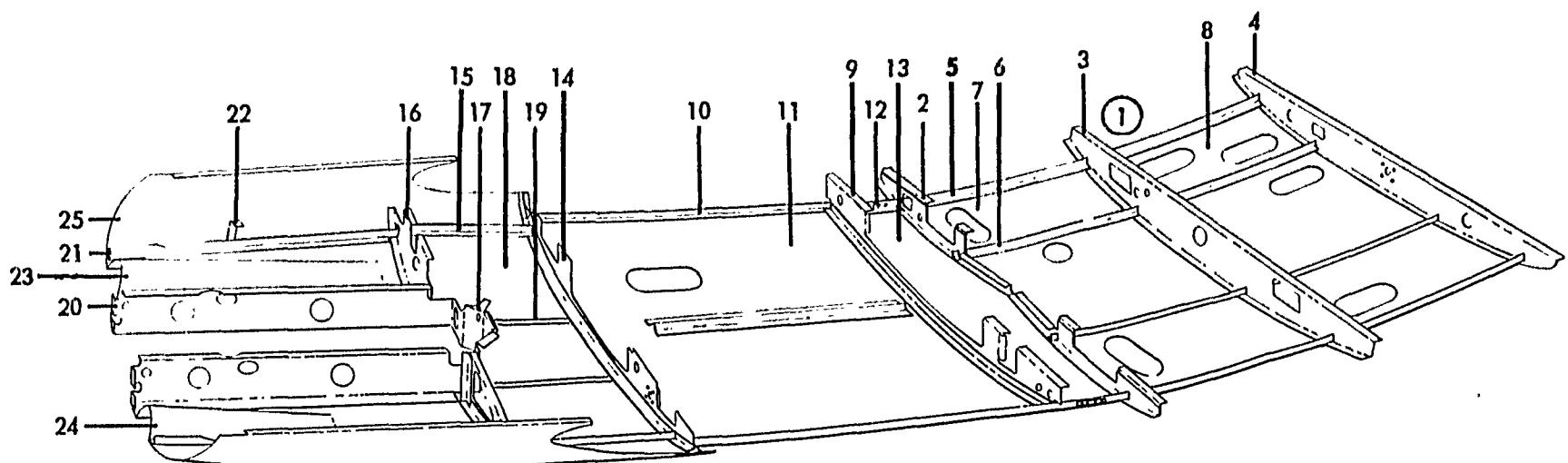


FIGURE 12. Fuselage Bottom Skins & Bulkheads



M20 SERIES

PARTS CATALOG

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
12- 1	220000-958	FALSE BOTTOM ASSY, WING SECT.....	1	CDE
	220000-961	FALSE BOTTOM ASSY, WING SECT.....	1	F
	AN515-8R-6	2 SCREW.....	11	
	AN515-8R-8	2 SCREW.....	4	
	AN960-8	2 WASHER.....	30	
	AN363-832	2 NUT.....	9	
- 2	210109-501	SEE FIG 15 FOR INSPECTION COVER CALLOUT		
	210109-21	FORMER ASSY, BELLY FAIRING.....	1	
	210109-9	• FORMER.....	1	
	210109-11	• STIFFENER.....	1	
	210109-13	• STIFFENER.....	1	
	210109-19	• STIFFENER.....	1	
	AN366F-1032B	• 2 NUT PLATE.....	16	
- 3	210110	FORMER ASSY, BELLY FAIRING.....	1	
	210110-7	• FORMER.....	1	
	210110-9	• CLIP.....	1	
	AN742-5	• CLAMP.....	2	
	AN3-3A	• 2 BOLT.....	2	
	AN960-10	• 2 WASHER.....	2	
	AN365-1032	• 2 NUT.....	2	
- 4	210111	FORMER ASSY, BELLY FAIRING.....	1	
	210111-7	• FORMER.....	1	
	210084-9	• BLOCK, GUIDE.....	1	
	AN3-7A	• 2 BOLT.....	4	
	AN960-10	• 2 WASHER.....	8	
	AN363-1032	• 2 NUT.....	4	
- 5	220000-109	STRINGER, OB, LH.....	1	
- 6	220000-110	STRINGER, OB, RH.....	1	
- 7	220000-111	STRINGER, IB, LH.....	1	
- 8	220000-112	STRINGER, IB, RH.....	1	
- 9	220000-115	SKIN.....	1	
- 10	220000-149	SKIN.....	1	
	913017	VENT, EXHAUST, NI.....	1	
- 11	310123-3	FORMER ASSY, BELLY FAIRING.....	1	
	310123-13	• FORMER.....	1	
	AN366F-1032	• NUT PLATE.....	6	
	310123-9	• STIFFENER.....	1	
	22NA17A-02	• NUT PLATE.....	6	
- 12	310126-1	STRINGER ASSY, LH.....	1	
	310126-2	STRINGER ASSY, RH.....	1	
	310126-7	• STRINGER, LH.....	1	
	310126-8	• STRINGER, RH.....	1	
	AN366F-1032B	• NUT PLATE.....	1	
- 13	310124-501	FAIRING ASSY, REMOVABLE.....	1	
	AN526-1032R8	2 SCREW.....	AR	
	AN530-8R8	2 SCREW.....	2	
	310124-11	• FAIRING.....	1	
	310124-9	• STIFFENER.....	1	
	AN366-632	• NUT PLATE.....	1	
	310127-7	SEE FIG 15 FOR INSPEC. COVER CALLOUT.		
	AN3-4A	DOUBLER.....	2	
	AN960-10	2 BOLT.....	4	
	AN363-1032	2 WASHER.....	8	
	310125	2 NUT.....	4	
	310127-7	PANEL ASSY, REMOVABLE.....	1	
		• FAIRING.....	1	



FIGURE & INDEX NOS	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
12- 13	310125-9 AN366F-1032B	• DOUBLER..... • 2 NUT PLATE.....	1 12	
- 14	310056-3 310056-501 310056-7 350012-3 310056-5 A1274-8Z-3 AN366F-1032B 310103-1 AN515-8R-10 AN960-8 AN365-832 AN507-6R6 AN960-6 AN363-632	FORMER ASSY, COWL..... FORMER ASSY, COWL..... • BULKHEAD..... • BULKHEAD..... • STIFFENER..... • 2 SPEED NUT..... • 2 NUT PLATE..... • BLOCK, GUIDE..... • 2 SCREW..... • 2 WASHER..... • 2 NUT..... STRINGER, SKIN, LH..... STRINGER, SKIN, LH..... STRINGER, SKIN, RH..... STRINGER, SKIN, RH.....	1 1 1 1 1 12 2 1 2 2 4 2 4 2	CDE F CDE F CDE F CDE F CDE F
- 15	310138-7 310228-1 310138-8 310228-2	BULKHEAD ASSY..... • FORMER..... • STIFFENER..... • STIFFENER..... • SPACER..... BULKHEAD ASSY..... • FORMER..... • STIFFENER..... STIFFENER, WHEEL WELL END.....	1 1 1 1 1 1 1 1 1	CDE F CDE F
- 16	310020-23 310020-21 310020-11 310020-19 310020-13 310020-4 310020-10 310020-12	• STIFFENER..... • SPACER..... BULKHEAD ASSY..... • FORMER..... • STIFFENER..... STIFFENER, WHEEL WELL END.....	1 1 1 1 1 1	
- 17	310090	FAIRING, BOTTOM FUSELAGE.....	1	
- 18	310000-501 310235 AN505-6R7 AN530-8R8 A1274-8Z-3	FAIRING, BOTTOM FUSELAGE..... • SCREW..... • SCREW..... • SPEED NUT..... STIFFENER, LH.....	1 7 AR AR	CDE F
- 19	310257-1 310257-2 AN530-8R8	STIFFENER, RH..... • SCREW..... STIFFENER, LH.....	1 4 1	F F
- 20	310091-7 310091-8	STIFFENER, WHEEL WELL END, LH..... STIFFENER, WHEEL WELL END, RH.....	1 1	
- 21	310137-9 310137-10	STRINGER, SKIN, LH..... STRINGER, SKIN, RH.....	1 1	
- 22	913044-9	ANGLE, FLOORBOARD ATTACH.....	2	
- 23	310010-002 AN530-8R8 A1274-8Z-3 310213-3 310213-5	FAIRING ASSY, EXHAUST CAVITY, LH..... • SCREW..... • SPEED NUT..... • FAIRING..... • FAIRING.....	1 AR AR 1 1	
- 24	310213-001 AN530-8R8 A1274-8Z-3	FAIRING, EXHAUST CAVITY, RH..... • SCREW..... • SPEED NUT.....	1 AR AR	
- 25	310003-501 310003-502 310227-001 310227-002	SKIN, COWL, LH..... SKIN, COWL, RH..... SKIN, COWL, LH..... SKIN, COWL, RH.....	1 1 1 1	CDE CDE F F

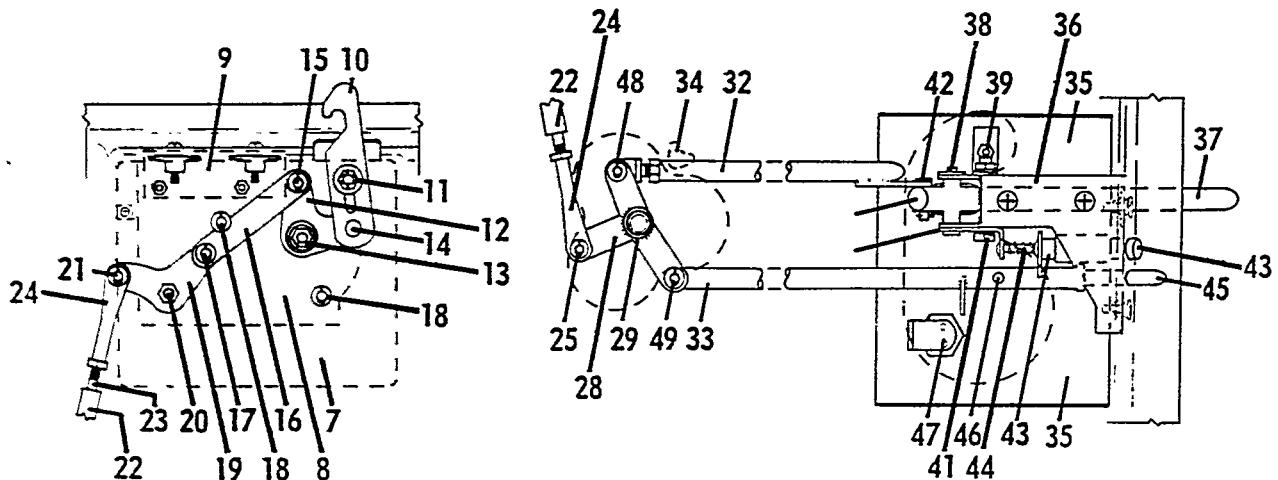
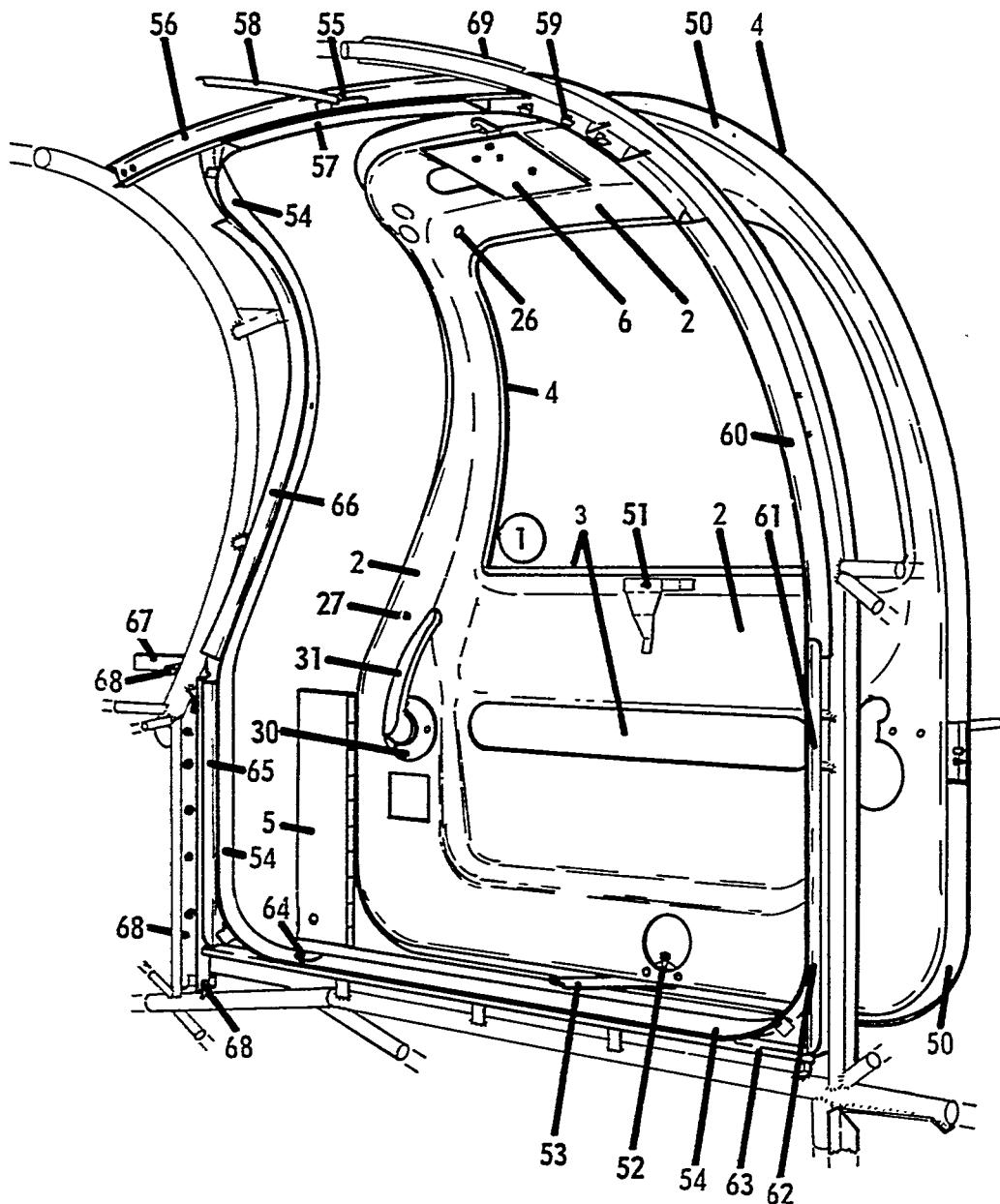


FIGURE 13. Fuselage Cabin Door Assembly



FIGURE & INDEX NOS	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
13- 1	340124-1	DOOR ASSY, CABIN.....	1	
	AN526-632R8	• SCREW /AT HINGE/.....	AR	
	AN365-632	• NUT /AT HINGE/.....	AR	
- 2	340124-3	• DOOR.....	1	
- 3	340124-5	• SKIN, LOWER.....	1	
- 4	340124-7	• SKIN, UPPER.....	1	
- 5	310061	• HINGE ASSY.....	1	
	310061-1	• • HINGE, HALF.....	1	
	310061-2	• • HINGE, HALF.....	1	
	AN253-4	• • PIN.....	1	
- 6	310083	• LATCH ASSY, HOOK.....	1	*I
	#2020	• LATCH ASSY, HOOK.....	1	*II
	AN53C-4R6	• • SCREW.....	9	
	AN526-832R8	• • SCREW.....	2	
	AN960-10L	• • WASHER.....	2	*I
	AN960-10	• • WASHER.....	2	*II
- 7	310082	• • ILATE.....	1	
- 8	310097	• • PLATE.....	1	
- 9	310081	• • CHANNEL.....	1	
	AN526-8R6	• • SCREW.....	2	
	AN365-832	• • NUT.....	2	
- 10	310086	• • LATCH.....	1	
- 11	AN23-21	• • BOLT.....	1	
	AN380-2-2	• • PIN.....	1	
	AN320-3	• • PIN.....	1	
	AN960-10L	• • WASHER.....	1	
	914027-1	• • SPACER.....	1	
	914026-1	• • SPACER.....	1	
- 12	310096-2	• • ARM.....	1	
- 13	914025-1	• • PIN.....	1	
	AN3-12A	• • BOLT.....	1	
	AN365-1032	• • NUT.....	1	
- 14	AN393-13	• • PIN.....	1	
	AN380-2-2	• • PIN.....	1	
	AN960-10L	• • WASHER.....	1	
- 15	AN393-11	• • PIN.....	1	
	AN960-10	• • WASHER.....	1	
	AN380-2-2	• • PIN.....	1	
	AN960-10L	• • WASHER.....	1	
- 16	310084	• • LINK.....	1	
- 17	AN393-11	• • PIN.....	1	
	AN960-10	• • WASHER.....	1	
	AN960-10L	• • WASHER.....	1	
	AN380-2-2	• • PIN.....	1	
- 18	AN393-33	• • PIN.....	1	
	AN960-10L	• • WASHER.....	1	
	AN380-2-2	• • PIN.....	1	
- 19	310096-1	• • ARM.....	1	
- 20	AN3-12A	• • BOLT.....	1	
	914024-1	• • SPACER.....	1	
	AN365-1032	• • NUT.....	1	
- 21	AN393-11	• • PIN.....	1	
	AN960-10L	• • WASHER.....	1	
	AN 380-2-2	• • PIN.....	1	
- 22	310080-501	• ROD ASSY.....	1	
	310080-3	• • HOUSING.....	1	
- 23	310080-5	• • TUBE.....	1	



FIGURE & INDEX NOS	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
13- 24	AN665-21R	• CLEVIS.....	2	
	AN316-3R	• NUT.....	2	
- 25	AN393-11	• PIN.....	1	
	AN960-10L	• WASHER.....	1	
	AN380-2-2	• PIN.....	1	
- 26	AN526-1032E10	• SCREW.....	1	
	AN960-10L	• WASHER.....	2	
	AN960-10	• WASHER.....	2	
	AN365-1032	• NUT.....	1	
	AN735-5	• CLAMP.....	1	
- 27	AN3-11A	• BOLT.....	1	
	340124-9	• SPACER.....	1	
	AN735-5	• CLAMP.....	1	
	AN365-1032	• NUT.....	1	
	AN960-10L	• WASHER.....	3	
	AN960-10	• WASHER.....	1	
- 28	310211-1	• SHAFT ASSY.....	1	
- 29	AN960-716	• WASHER.....	1	
	AN960-716L	• WASHER.....	2	
- 31	310146-5	• HANDLE.....	1	*III
	310146-501	• HANDLE.....	1	*IV
- 30	AN515-6R-6	• 2 SCREW.....	3	
- 31	310146-5	• HANDLE.....	1	
	RP-A-52-028			
	-125-0750	• 2 KEY.....	1	
- 32	310111-501	• LINK ASSY, DOOR HANDLE.....	1	
	310111-3	• TUBE.....	1	
	310009	• LEVER.....	1	
	914028-13	• INSERT.....	1	
	310111-7	• BOLT & PIN ASSY.....	1	
	AN316-4R	• NUT.....	1	
- 33	310130-501	• LINK ASSY, DOOR LATCH.....	1	
	310130-3	• TUBE.....	1	
	310130-5	• TUBE.....	1	
	310130-7	• TUBE.....	1	
	310130-11	• TUBE.....	1	
	310131	• STOP.....	1	
	310009	• LEVER.....	1	
	AN393-7	• PIN.....	1	
- 34	ESNA22-NA5-62	• NUT PLATE.....	3	
- 35	310212	• DOUBLER, OUTER SKIN.....	1	
- 36	310074	• HOUSING ASSY, DOOR LATCH.....	1	
	AN507-1032-R8	• 2 SCREW.....	4	
	AN366F-1032	• NUT PLATE.....	4	
- 37	310085	• HANDLE.....	1	
- 38	AN393-33	• PIN.....	1	
	AN960-10L	• WASHER.....	1	
	AN380-2-2	• PIN.....	1	
- 39	310109-501	• CLIP.....	1	
	AN526-832-R8	• 2 SCREW.....	1	
	AN960-8L	• 2 WASHER.....	1	
	AN365-832	• 2 NUT.....	1	
- 40	310065	• STOP ASSY.....	1	
- 41	AN3-13A	• BOLT.....	1	
	AN960-10L	• WASHER.....	1	
	AN365-1032	• NUT.....	1	
- 42	AN393-17	• PIN.....	1	

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FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
13- 42	AN960-10L	• WASHER.....	1	
	AN380-2-2	• PIN.....	1	
- 43	310013-2	• CATCH ASSY.....	1	
- 44	310019	• SPRING.....	1	
- 45	310006	• PIN, LOCK.....	1	
- 46	AN 392-13	• PIN.....	1	
	AN960-4L	• WASHER.....	1	
	AN380-2-2	• PIN.....	1	
- 47	#3319	• LOCK, CABIN DOOR.....	1	
- 48	AN960-10L	• WASHER.....	1	
	AN380-2-2	• PIN.....	1	
- 49	AN960-10L	• WASHER.....	1	
	AN380-2-2	• PIN.....	1	
- 50	912018-1	• SEAL, RUBBER.....	AR	
- 51	310215-1	• BRACKET ASSY, DOOR PULL.....	2	
	310215-3	• SUPPORT.....	1	
	22NA1-02	• NUT PLATE.....	1	
- 52	310077	• BRACKET, HOLD OPEN ARM.....	1	
	AN526-632-R8	• @ SCREW.....	2	
	AN365-632	• @ NUT.....	2	
- 53	310118-503	ARM ASSY, HOLD OPEN.....	1	
	AN960-10L	• @ WASHER.....	1	
	AN960-10	• @ WASHER.....	1	
	AN380-2-2	• @ PIN.....	2	
	310122	• HOUSING.....	1	
	310121-503	• ARM.....	1	
	310120	• ROLLER.....	1	
- 54	310058	FRAME, CABIN DOOR OPENING.....	1	
- 55	310073	PLATE, STRIKER.....	1	
	310071	HOOK, LATCH POST.....	1	
- 56	310038	CHANNEL.....	1	
- 57	310100	FORMER.....	1	
	AN530-4R6	• @ SCREW.....	4	
- 58	310072-1	STIFFENER ASSY.....	1	
	310072-3	• STIFFENER.....	1	
- 59	913043	BRACKET, UPHOLSTERY.....	6	
	AN530-4R6	• @ SCREW.....	2	
- 60	340078-15	FAIRING, UPHOLSTERY.....	1	
	AN530-4R6	• @ SCREW.....	9	
- 61	310214	PLATE, STRIKER.....	1	
	AN507-832R8	• @ SCREW.....	2	
	AN365-832	• @ NUT.....	2	
- 62	340078-7	FAIRING, UPHOLSTERY.....	1	
	AN530-4R6	• @ SCREW.....	3	
- 63	310095	SUPPORT, UPHOLSTERY.....	1	
	AN507-6R7	• @ SCREW.....	3	
	AN363-632	• @ NUT.....	3	
- 64	310139	PLATE ASSY, HOLD OPEN ARM.....	1	
	AN505-6R7	• @ SCREW.....	2	
	AN365-632	• @ SCREW.....	2	
- 65	340078-29	FAIRING, UPHOLSTERY.....	1	
	AN530-4R6	• @ SCREW.....	3	
- 66	340078-15	FAIRING, UPHOLSTERY.....	1	
	340076	SPACER, NI.....	2	
- 67	310044	BLOCK, SPACER, RH.....	1	
- 68	310060	ANGLE ATTACH, DOOR HINGE.....	1	
	AN3-4A	• @ BOLT.....	2	



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
13- 68	AN465-1032	a NUT.....		2
	AN507-632R16	a SCREW.....		1
	AN365-632	a NUT.....		3
	AN505-6127	a SCREW.....		1
	AN526-632R9	a SCREW.....		1
	AN960-10	a WASHER.....		2
- 69	320009-12	ANGLE.....		1
- 70	310002-3	FRAME, WINDOW.....		1
<p>*I- 2807C-2922C, 252D, 470E-568E *II- 2923C & ON, 253D & ON, 569E & ON, 670001F & ON *III- 2807C-3184C, 470E-831E, 252D-259D *IV- 3185C & ON, 832E & ON, 260D & ON, 670001F & ON</p>				

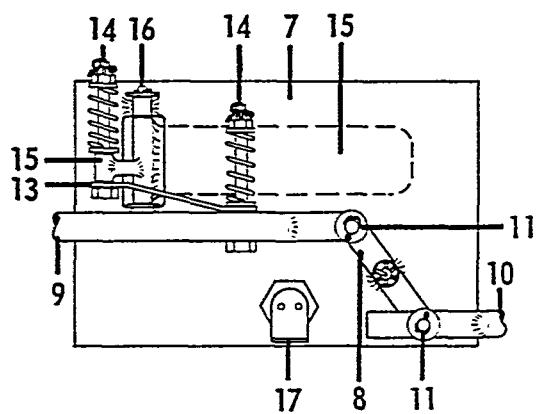
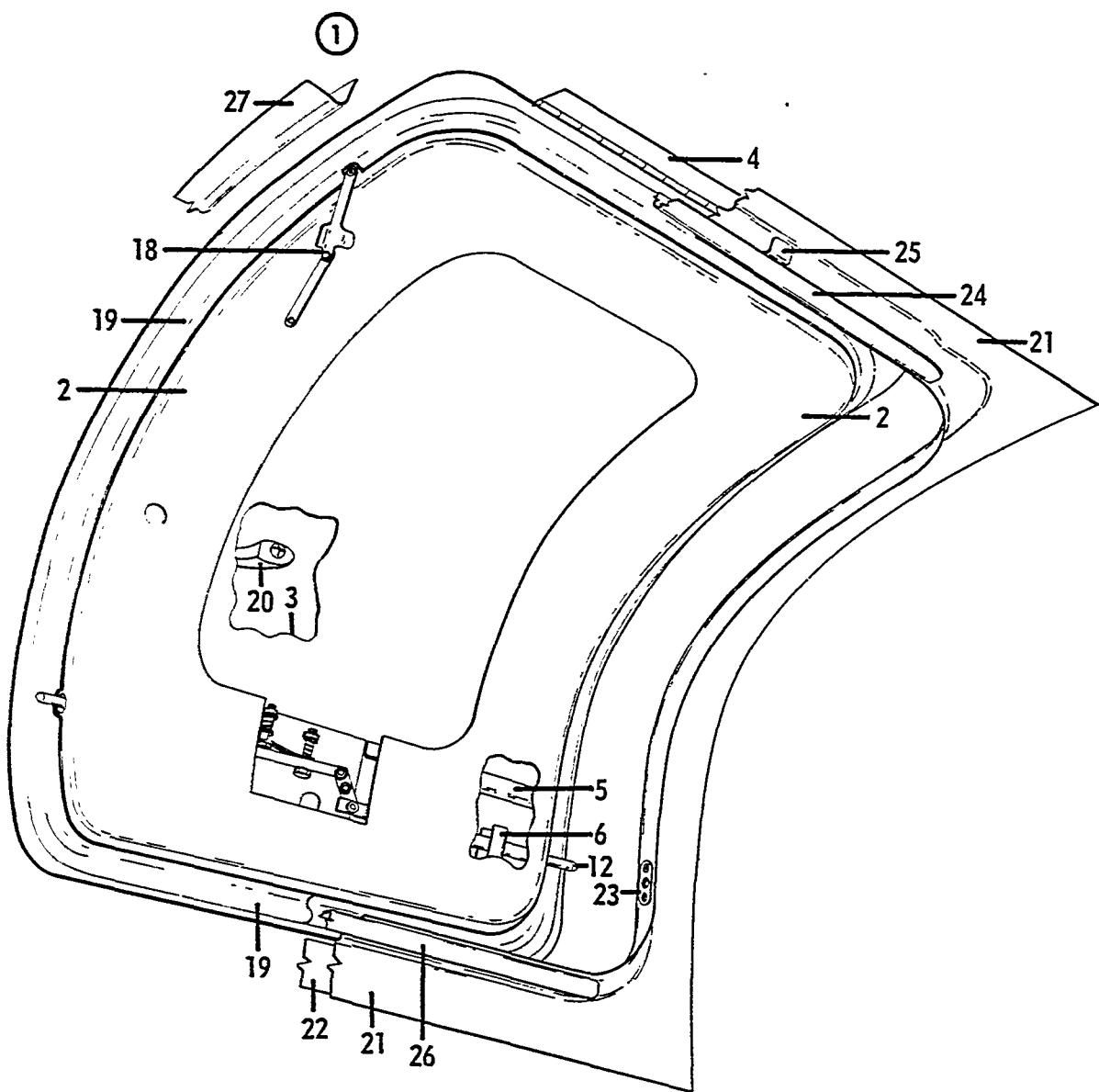


FIGURE 14. Fuselage Baggage Door Assembly

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PARTS CATALOG

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
14- 1	350090-505	DOOR ASSY, BAGGAGE.....	1	*I
	350090-507	DOOR ASSY, BAGGAGE.....	1	*II
- 2	350088-501	• PANEL.....	1	
- 3	350092-501	• SKIN.....	1	
- 4	350090-5	• HINGE ASSY.....	1	*III
	350090-7	• HINGE, HALF.....	2	*IV
	350090-3	• DOUBLER.....	1	
- 5	350091	• STIFFENER, FWD.....	1	
	350091-2	• STIFFENER, AFT.....	1	
- 6	310024	• GUIDE, BRACKET.....	2	
- 7	310026-3	• PLATE ASSY.....	1	*I
	310139	• PLATE ASSY.....	1	*V
- 8	310021-1	• ARM ASSY, LEVER.....	1	
	AN960-10	• a WASHER.....	1	
	AN310-3	• a NUT.....	1	
	AN380-2-2	• a PIN, COTTER.....	1	
- 9	310023	• ROD ASSY.....	1	
- 10	310025	• ROD ASSY.....	1	
- 11	AN393-7	• PIN.....	2	
	AN960-10	• WASHER.....	2	
	AN960-10L	• WASHER.....	2	
	AN380-2-2	• PIN, COTTER.....	2	
- 12	310006	• PIN, LOCK.....	2	
- 13	310009	• LEVER.....	1	
- 14	AN3-13	• BOLT.....	2	
	AN960-10	• WASHER.....	4	
	#186-218	• SPRING.....	2	
	AN310-3	• NUT.....	2	
	AN380-2-2	• PIN, COTTER.....	2	
- 15	310007	• HANDLE ASSY.....	1	
- 16	AN393-45	• PIN.....	1	
	AN380-2-2	• PIN, COTTER.....	1	
	AN960-10	• WASHER.....	2	
- 17	#3319	• LOCK ASSY		
- 18	913020-2	• ARM ASSY, HOLD OPEN.....	1	*I
	350154-901	• ARM ASSY, HOUSING, HOLD OPEN.....	1	*V
	AN366F832	• a NUT.....	2	*I
	AN507R832-8	• a SCREW.....	3	*I
	AN960-10	• a WASHER, NI.....	1	*V
	AN381-2-10	• a PIN, COTTER, NI.....	1	*V
	310077	• . BRACKET ASSY, NI.....	1	*V
	AN515-8R7	• . a SCREW, NI.....	2	*V
	AN960-8	• . a WASHER, NI.....	2	*V
	AN365-832	• . a NUT, NI.....	2	*V
	3101121-505	• ARM ASSY.....	1	*V
	AN507-6R6	• a SCREW.....	1	*V
	AN960-6	• a WASHER.....	1	*V
	AN365-632	• a NUT.....	1	*V
	310120	• ROLLER, NI.....	1	*V
	310139	• . PLATE ASSY, NI.....	1	*V
	AN960-10	• . a WASHER, NI.....	2	*V
	AN960-10L	• . a WASHER, NI.....	1	*V
	AN381-25-8	• . a PIN, COTTER, NI.....	1	*V
- 19	912018-501	• SEALER, EXTRUSION.....	AR	
- 20	A-408-26	• HANDLE.....	1	
	AN970-3	• a WASHER.....	2	
	AN520-10R8	• a SCREW.....	2	



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
14- 21	350089	FRAME, BAGGAGE DOOR.....	1	
- 22	350096	SKIN, BAGGAGE DOOR.....	1	
- 23	350095	PLATE, STRIKER.....	1	
	AN507-8R8	② SCREW.....	4	
	AN960-6	② WASHER.....	4	
	AN365-632	② NUT.....	4	
- 24	340078-25	ANGLE, UPHOLSTERY ATTACH.....	1	
- 25	350100	CLIP, UPHOLSTERY ATTACH.....	1	
- 26	340078-23	ANGLE, UPHOLSTERY ATTACH.....	1	
- 27	340078-27	ANGLE, UPHOLSTERY ATTACH.....	1	

*I- 2807C-3466C, 252D & ON, 470E-1308E
 *II- 3467C & ON, 1309E & ON, 670001F & ON
 *III- 2807C-3466C, 252D & ON, 470E-1308E, 670001F-670047F
 *IV- 670001C & ON, 670001E & ON, 670048F & ON
 *V- 670001C & ON, 670001E & ON, 670001F & ON

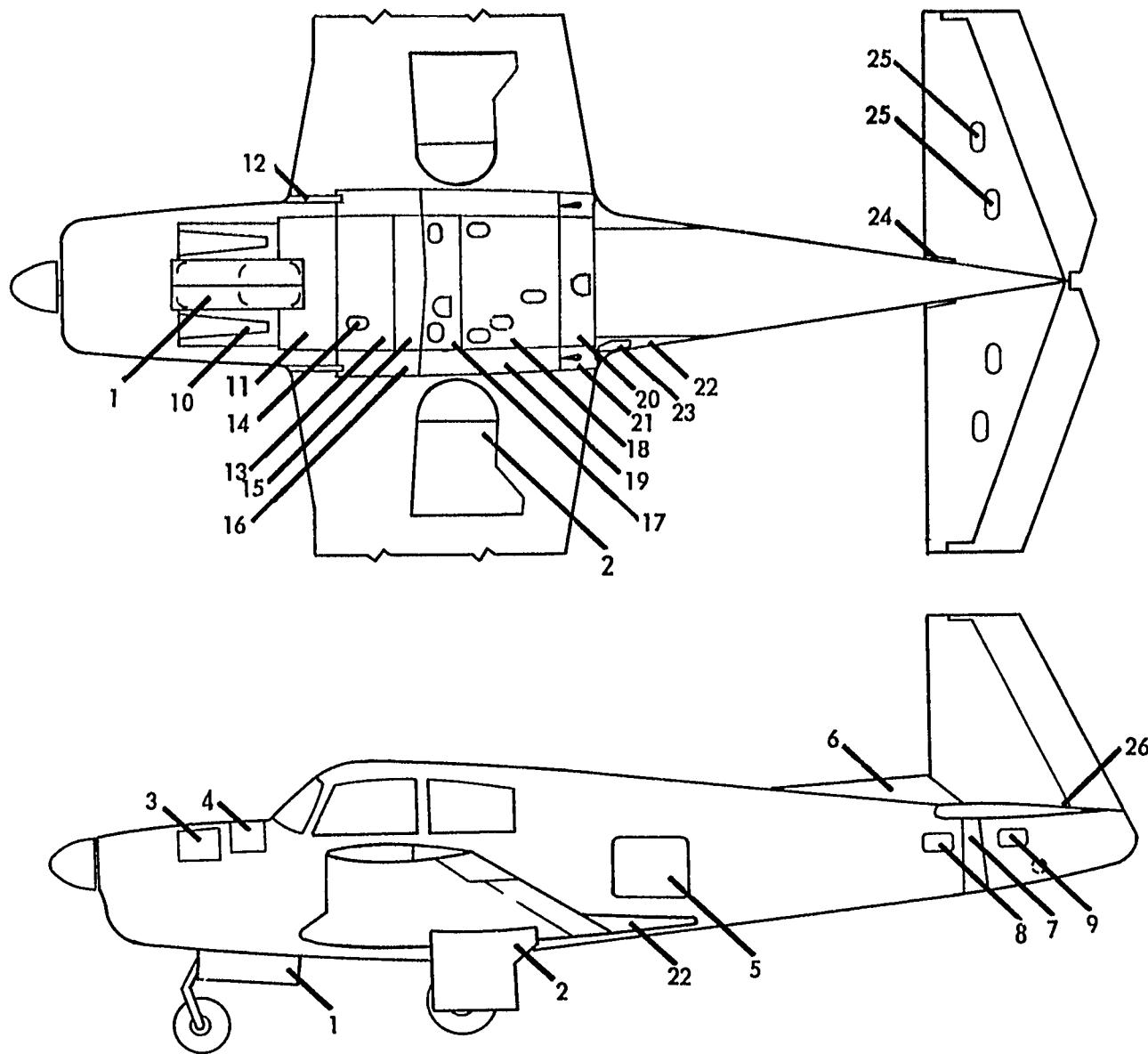


FIGURE 15. Fuselage Access Doors, Panels & Fairings

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FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
15- 1	550032-3	DOOR ASSY, NOSE GEAR, LH.....	1	CEF
	550032-5	DOOR ASSY, NOSE GEAR, RH.....	1	CEF
	550032-503	• DOOR, LH.....	1	CEF
	550032-504	• DOOR, RH.....	1	CEF
		• SEE FIG 26 FOR DETAIL PARTS.		
	320003-1	COVER ASSY, NOSE WHEEL WELL.....	1	D
	913011-7	• COVER, INSPECTION.....	1	D
	320003-5	• @ SPACER.....	1	D
	AN526-832-R10	• @ SCREW.....	1	D
	320006-7	• HINGE.....	1	D
	RM52LHTA58-82	• NUT PLATE.....	1	D
	#244-16	• RECEPTACLE, CAMLOCK.....	2	D
	AN960-6	• @ WASHER.....	8	D
	#4002-N	• @ GROMMET, CAMLOCK.....	2	D
	R4G	• @ RING, SNAP.....	2	D
	#4002-6	• @ STUD.....	2	D
		• SEE FIG 27 FOR FAIRINGS.		
- 2	550003-1	DOOR ASSY, MAIN GEAR, LH.....	1	CEF
	550003-2	DOOR ASSY, MAIN GEAR, RH.....	1	CEF
		• SEE FIG 26 FOR DETAIL PARTS.		
	210078-507	SKIN ASSY, WHEEL WELL, LH.....	1	CEF
	210078-508	SKIN ASSY, WHEEL WELL, RH.....	1	CEF
	210078-503	SKIN ASSY, WHEEL WELL, LH.....	1	D
	210078-504	SKIN ASSY, WHEEL WELL, RH.....	1	D
	210078-31	• SKIN, LH.....	1	CEF
	210078-32	• SKIN, RH.....	1	CEF
	210078-27	• SKIN, LH.....	1	D
	210078-28	• SKIN, RH.....	1	D
	210078-23	• SKIN, LH.....	1	
	210078-24	• SKIN, RH.....	1	
	913011	• COVER ASSY.....	1	D
	AN509-832R7	• @ SCREW.....	10	D
	210144-1	• PLATE.....	1	CEF
	210144-501	• PLATE.....	1	CEF
	210078-35	• PLATE.....	1	
	210078-36	• PLATE.....	1	
	210078-25	• STIFFENER, LH.....	1	D
	210078-26	• STIFFENER, RH.....	1	D
	210078-29	• STIFFENER, LH.....	1	D
	210078-30	• STIFFENER, RH.....	1	D
	210078-33	• STIFFENER.....	2	CEF
	AN366-F1032	• NUT PLATE.....	6	D
	210080	• BRACKET.....	1	
		• SEE FIG 27 FOR FAIRINGS.		
- 3	650012	DOOR ASSY, BATTERY ACCESS, LH.....	1	*I
	DZUSFJ4-35	• @ STUD.....	2	*I
	DZUSS4-225	• @ SPRING.....	2	*I
	650011-7	• DOOR.....	1	*I
	650011-11	• HINGE ASSY.....	1	*I
	650011-9	• DOUBLER.....	1	*I
	650008	DOOR ASSY, OIL STICK ACCESS, RH.....	1	*II
	DZUSFJ4-35	• @ STUD.....	2	*II
	DZUSS4-225	• @ SPRING.....	2	*II
	650009	• DOOR.....	1	*II
	650008-1	• HINGE ASSY.....	1	*II
	650010	• DOUBLER.....	1	*II
- 4	310046-3	PANEL, LH.....	1	*III



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FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
15- 4	310046-4	PANEL, RH.....	1	*III
	650074-9	DOOR, LH.....	1	*IV
	670074-10	DOOR, RH.....	1	*IV
	AN526-832R6	2 SCREW.....	12	*III
	650074-11	2 HINGE.....	1	*IV
	DZUSF4-25	2 STUD.....	2	*IV
	DZUS4-275	2 SPRING.....	2	*IV
- 5	913014-501	COVER, TAIL CONE ACCESS.....	1	
	2-0-100	2 FASTENER.....	23	
	82-32-101-17	2 RING, SPLIT.....	23	
	913013-501	RING, ACCESS DOOR.....	1	
- 6	350118-3	FAIRING, DORSAL FIN.....	1	CEF
	350098	RIB, DORSAL FAIRING.....	1	CEF
	350119-1	FAIRING ASSY.....	1	D
- 7	470002-7	FAIRING, TAIL CONE STINGER, LH.....	1	
	470002-8	FAIRING, TAIL CONE STINGER, RH.....	1	
	AN530-4R6	2 SCREW.....	12	
	A1890-4Z-1	2 SPEED NUT.....	4	
	NO NUMBER	2 TAPE, PLASTIC.....	AR	
- 8	913011-501	COVER ASSY, INSPECTION.....	2	
	AN509-8R7	2 SCREW.....	10	
	913011-7	• COVER.....	1	
	RM52LHTH58-82	• NUT PLATE.....	10	
- 9	913011-501	COVER ASSY, INSPECTION, LH.....	1	
	AN509-8R7	2 SCREW.....	10	
	913011-7	• COVER.....	1	
	RM52LHTA58-82	• NUT PLATE.....	10	
	913021	COVER ASSY, INSPECTION, RH.....	1	CDE
	AN525-832R7	2 SCREW.....	8	CDE
	913021-9	• COVER.....	1	CDE
	913021-7	• PLATE, BACK.....	1	CDE
	AN366-F832	• NUT PLATE.....	8	CDE
- 10	310213-1	FAIRING ASSY, EXHAUST CAVITY, LH.....	1	
	AN530-8R8	2 SCREW.....	23	
	A1274-8Z-3	2 SPEED NUT.....	23	
	310213-3	• FAIRING, FWD.....	1	
	310213-5	• FAIRING, AFT.....	1	
	310010-2	FAIRING, EXHAUST CAVITY, RH.....	1	
	AN530-8R8	2 SCREW.....	23	
	A1274-8Z-3	2 SPEED NUT.....	23	
- 11	310000-501	FAIRING.....	1	
	AN505-6R7	2 SCREW.....	2	
	AN530-8R8	2 SCREW.....	26	
	A1274-8Z-3	2 SPEED NUT.....	23	
- 12	120001-5	FAIRING, LH.....	1	
	120001-6	FAIRING, RH.....	1	
	AN530-4R6	2 SCREW.....	32	
	A1890-4Z-1	2 SPEED NUT.....	12	
	120001-3	FAIRING, TOP CENTER, LH.....	1	
	120001-4	FAIRING, TOP CENTER, RH.....	1	
	AN530-4R6	2 SCREW.....	20	
	A1890-4Z-1	2 SPEED NUT.....	6	
- 13	310124-501	FAIRING ASSY.....	1	
	AN526-1032R8	2 SCREW.....	40	
	AN530-8R8	2 SCREW.....	2	
	310124-7	• FAIRING.....	1	
	310124-9	• STIFFENER.....	1	

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FIGURE & INDEX NOS	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
15- 13	AN366F-632	. NUT PLATE.....	2	
- 14	913000-501	COVER ASSY, INSPECTION.....	1	
	AN507-832R7	@ SCREW.....	8	
	RM52LHTA58-82	@ NUT PLATE.....	8	
	913000-11	. COVER.....	1	
- 15	310125	PANEL ASSY, REMOVABLE.....	1	
	AN507-1032R8	@ SCREW.....	30	
	310125-7	. FAIRING.....	1	
	310125-9	. DOUBLER.....	1	
	AN366-F-1032B	. NUT PLATE.....	12	
- 16	210108-9	FAIRING, LH.....	1	
	210108-10	FAIRING, RH.....	1	
- 17	220000-115	SKIN.....	1	
	913017	VENT, EXHAUST.....	1	
	913000-501	COVER ASSY, INSPECTION.....	2	
	AN509-8R7	@ SCREW.....	8	
		. SEE FIG 9 FOR DETAIL PARTS.		
- 18	220000-149	SKIN.....	1	
	913000-501	COVER ASSY, INSPECTION.....	4	
	AN509-8R7	@ SCREW.....	8	
		. SEE FIG 9 FOR DETAIL PARTS.		
- 19	210108-7	FAIRING, LH.....	1	
	210108-8	FAIRING, RH.....	1	
- 20	310128-501	PLATE ASSY /WING TO TAIL CONE/.....	1	CDE
	310236-1	PLATE ASSY /WING TO TAIL CONE/.....	1	F
	AN526-1032R8	@ SCREW.....	33	
	AN366F-1032B	@ NUT PLATE.....	10	
	310128-9	. PLATE.....	1	CDE
	310236-3	. PLATE.....	1	F
	913017	VENT, EXHAUST.....	1	
- 21	310129-3	FAIRING ASSY, WING FLAP HINGE, LH.....	1	*V
	310129-4	FAIRING ASSY, WING FLAP HINGE, RH.....	1	*V
	310220-1	FAIRING ASSY, WING FLAP HINGE, LH.....	1	*VI
	310220-2	FAIRING ASSY, WING FLAP HINGE, RH.....	1	*VI
	310220-501	FAIRING ASSY, WING FLAP HINGE, LH.....	1	F
	310220-502	FAIRING ASSY, WING FLAP HINGE, RH.....	1	F
	AN526-1032R8	@ SCREW.....	8	*V
	AN526-1032R8	@ SCREW.....	7	*VII
	310129-7	. FAIRING, LH.....	1	*V
	310129-8	. FAIRING, RH.....	1	*V
	310220-3	. FAIRING, LH.....	1	*VII
	310220-4	. FAIRING, RH.....	1	*VII
	AN366F-1032B	. NUT PLATE.....	8	*V
	AN366F-1032B	. NUT PLATE.....	6	*VII
	NAJ5-02	. NUT PLATE.....	1	*VII
	310220-5	. ANGLE.....	1	F
	750018-1	SEAL ASSY, FLAP TORQUE TUBE, LH.....	1	
	750018-2	SEAL ASSY, FLAP TORQUE TUBE, RH.....	1	
- 22	120000-9	FAIRING ASSY, AFT WING, LH.....	1	CDE
	120000-10	FAIRING ASSY, AFT WING, RH.....	1	CDE
	310238-001	FAIRING ASSY, AFT WING, LH.....	1	F
	310238-002	FAIRING ASSY, AFT WING, RH.....	1	F
	AN530-4R6	@ SCREW.....	22	CDE
	A1890-4Z-1	@ SPEED NUT.....	16	CDE
	AN530-4R6	@ SCREW.....	25	F
	A1890-4Z-1	@ SPEED NUT.....	20	F
	120000-3	. FAIRING, LH.....	1	CDE



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
15- 22	120000-4	• FAIRING, RH.....	1	CDE
	310238-1	• FAIRING, LH.....	1	F
	310238-2	• FAIRING, RH.....	1	F
- 23	840008	FAIRING, STEP.....	1	CDE
	#4X3/8	• SCREW.....	5	CDE
	AN960-4	• WASHER.....	AR	CDE
	A6187-4Z-1	• SPEED NUT.....	5	CDE
	#4X1/2	• SCREW.....	1	CDE
	AN960-4	• WASHER.....	3	CDE
- 24	480001	FAIRING, HORIZONTAL STABILIZER.....	1	
- 25	913000-501	COVER ASSY, INSPECTION.....	4	
	AN509-832R7	• SCREW.....	32	
	913000-11	• COVER.....	1	
	RM52LHTA-58-82	• NUT PLATE.....	8	
- 26	480002	FAIRING, RUDDER CONTROL TUBE, RH.....	1	
*I- 2807C-3184C, 252D-259D				
*II- 470E-831E				
*III- 2807C-3184C, 252D-2590, 470E-831E				
*IV- 3185C & ON, 260D & ON, 832E & ON, 670001F & ON				
*V- 2807C-2922C, 252D, 470E-831E				
*VI- 2923C & ON, 253D & ON, 832E & ON				
*VII- 2923C & ON, 253D & ON, 832E & ON, 670001F & ON				

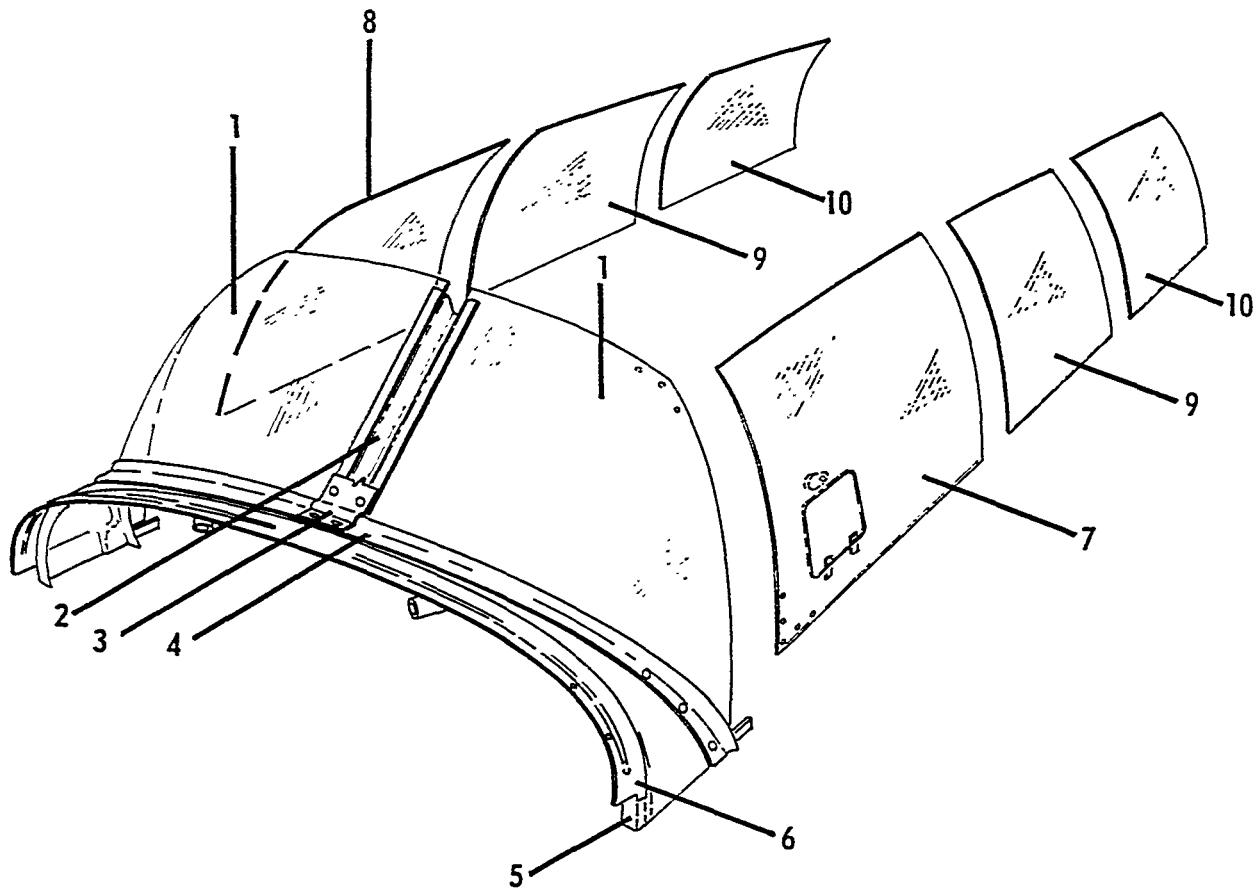


FIGURE 16. Fuselage Windshield and Windows



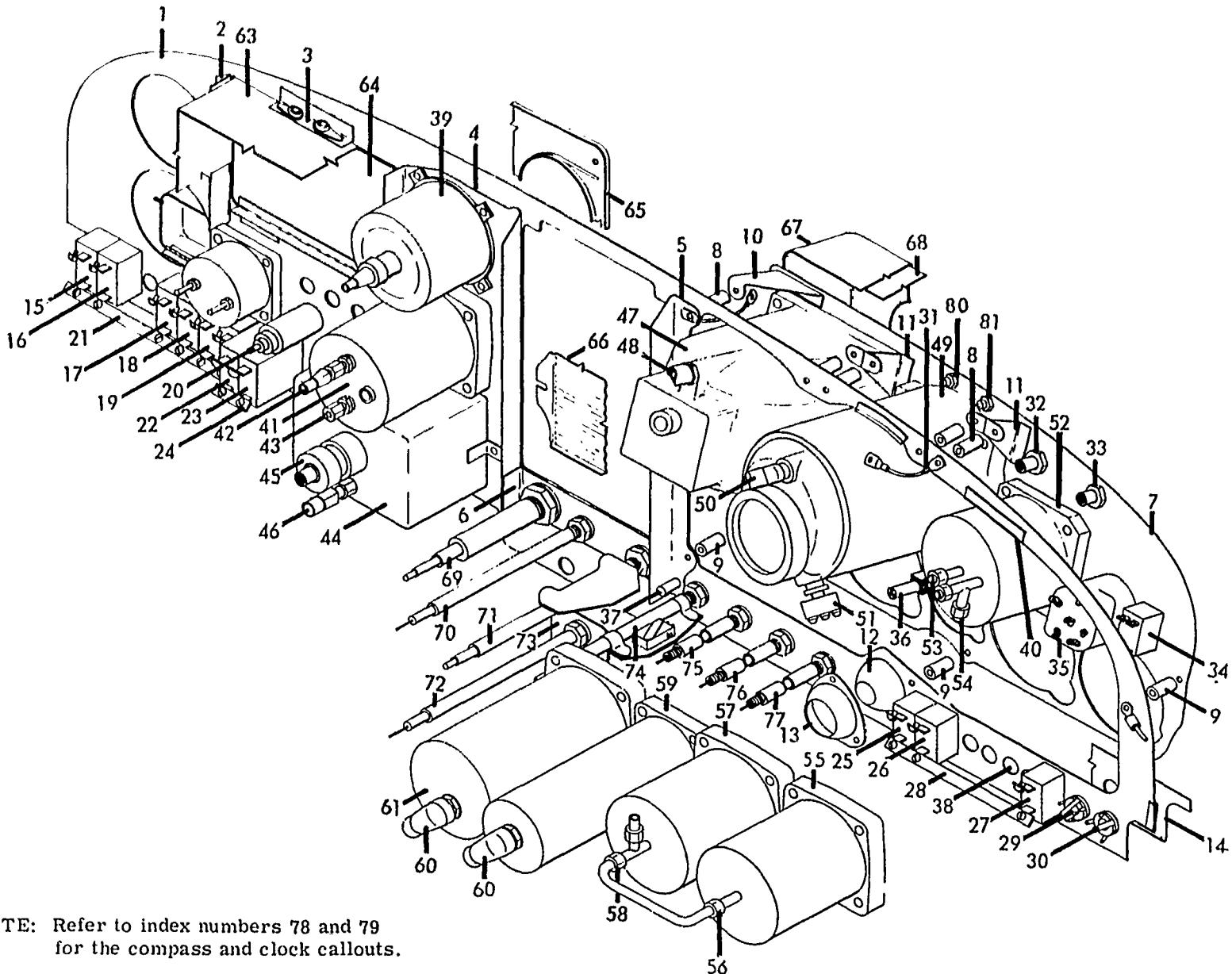
FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
16- 1	340121-3	WINDSHIELD, LH.....	1	
	340121-4	WINDSHIELD, RH.....	1	
	340123	CLIP.....	9	
	AR111	SEALER, NI.....	AR	
	NO NUMBER	TAPE, ALUMINUM, NI.....	AR	
	AN507-832R10	Ø SCREW, NI.....	17	
	AN960-8	Ø WASHER, NI.....	17	
	AN365-832	Ø NUT, NI.....	17	
- 2	310039	CHANNEL, CENTER POST.....	1	*I
	310223	CHANNEL, CENTER POST.....	1	*II
- 3	310047-501	SKIN, CENTER POST.....	1	
	AN526-632R6	Ø SCREW, NI.....	12	
	#614	Ø WASHER, NI.....	12	
	914071-3	Ø NUT, NI.....	12	
- 4	310045-501	FLANGE, LH.....	1	
	310045-502	FLANGE, RH.....	1	
	AN526-832R7	Ø SCREW, NI.....	12	
	AN526-832R10	Ø SCREW, NI.....	1	
	AN960-8	Ø WASHER, NI.....	13	
	AN365-832	Ø NUT, NI.....	13	
- 5	310093-501	COWLING ASSY, WINDSHIELD.....	1	
	310106-3	• DUCT, DEFROSTER, NI.....	1	
	310106-4	• DUCT, DEFROSTER, NI.....	1	
	310093-3	• BRACKET, NI.....	1	
	310093-1	• BRACKET, NI.....	1	
	310093-2	• SPACER, NI.....	1	
- 6	310141-1	STRIP ASSY, WINDSHIELD SEALING.....	1	
	AR111	Ø SEALER, NI.....	AR	
- 7	340121-9	WINDOW ASSY, PILOT.....	1	
	340123	CLIP.....	14	
	AR111	SEALER, NI.....	AR	
	AN507-832R10	Ø SCREW, NI.....	40	
	AN960-8	Ø WASHER, NI.....	40	
	AN365-832	Ø NUT, NI.....	40	
	340121-5	• WINDOW, LH.....	1	
	310016-7	• WINDOW.....	1	
	340125	• HINGE, NI.....	2	
	AN526-632-R4	• Ø SCREW, NI.....	2	
	614	• Ø WASHER, NI.....	4	
	914071-3	• Ø NUT, NI.....	4	
	AN526-632R4	• Ø SCREW, NI.....	2	
	AN960-6	• Ø WASHER, NI.....	4	
	310016-2	• LATCH, NI.....	1	
	AN526-1032R12	• Ø SCREW, NI.....	1	
	AN960-10	• Ø WASHER, NI.....	2	
	AN960-10L	• Ø WASHER, NI.....	2	
	22K2-02	• Ø NUT, NI.....	1	
- 8	340121-11	WINDOW, CABIN DOOR.....	1	
	340123	CLIP.....	9	
	AR111	SEALER, NI.....	AR	
	AN507-832-R10	Ø SCREW, NI.....	10	
	AN960-8	Ø WASHER, NI.....	10	
	AN365-832	Ø NUT, NI.....	10	
	AN507-832R10	Ø SCREW, NI.....	8	*I
	AN960-8	Ø WASHER, NI.....	8	*I
	AN507-832R8	Ø SCREW, NI.....	8	*II
	AN960-8L	Ø WASHER, NI.....	8	*II



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
16- 8	AN365-832	Ⓐ NUT, NI.....	8	
	340068-3	CLIP.....	8	
	AN530-6R6	Ⓐ SCREW, NI.....	12	
	AN960-4L	Ⓐ WASHER, NI.....	12	
	AN935-4	Ⓐ WASHER, NI.....	12	
- 9	340121-7	WINDOW, LH.....	1	CDE
	340121-8	WINDOW, RH.....	1	CDE
	310240-3	WINDOW, LH.....	1	F
	310240-4	WINDOW, RH.....	1	F
	AR111	SEALER, NI.....	AR	
	340123	CLIP.....	14	CDE
	AN507-832R8	Ⓐ SCREW, NI.....	35	CDE
	AN960-8	Ⓐ WASHER, NI.....	35	CDE
	AN365-832	Ⓐ NUT, NI.....	35	CDE
	340123	CLIP.....	12	F
	AN507-832R8	Ⓐ SCREW, NI.....	30	F
	AN960-8	Ⓐ WASHER, NI.....	30	F
	AN365-832	Ⓐ NUT, NI.....	30	F
- 10	310240-5	WINDOW, LH.....	1	F
	310240-6	WINDOW, RH.....	1	F
	AR111	SEALER, NI.....	AR	
	340123	CLIP.....	11	F
	AN507-832R8	Ⓐ SCREW, NI.....	29	F
	AN960-8	Ⓐ WASHER, NI.....	29	F
	AN365-832	Ⓐ NUT, NI.....	29	F

*I- 2807C-3136C, 252D-259D, 470E-793E

*II- 3137C & ON, 260D & ON, 794E & ON



NOTE: Refer to index numbers 78 and 79
for the compass and clock callouts.

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FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
17- 1	820001-1	PANEL ASSY, BASE.....	1	*I
	820158	PANEL ASSY, BASE.....	1	*II
	820158-501	PANEL ASSY, BASE.....	1	*III
	820001-7	. PANEL, BASE.....	1	*I
	AN515-6R7	@ SCREW.....	10	*I
	AN960-6	@ WASHER.....	10	*I
	AN365-632	@ NUT.....	10	*I
	820158-3	. PANEL, BASE.....	1	*II
	AN515-6R7	@ SCREW.....	12	*IV
	AN960-6	@ WASHER.....	12	*IV
	AN365-632	@ NUT.....	12	*IV
	820158-13	. PANEL, BASE.....	1	*III
- 2	820001-15	. STIFFENER.....	1	*I
	820158-11	. STIFFENER.....	1	*IV
- 3	AN366F-832	. NUT PLATE.....	1	
	820025-9	. STIFFENER, UPPER.....	1	
	22NA17A-62	. NUT PLATE.....	2	
	820025-7	. STIFFENER, LOWER.....	2	
	22NA17A-62	. NUT PLATE.....	2	
	BAS1368-4B	. GROMMET.....	1	*IV
	AN366F-632	. NUT PLATE.....	1	*IV
- 4	820001-10	. STIFFENER.....	1	*I
	820158-7	. STIFFENER.....	1	*IV
	AN366F-632	. NUT PLATE.....	2	
- 5	820001-9	. STIFFENER.....	1	*I
	820158-5	. STIFFENER.....	1	*IV
- 6	820001-11	. STIFFENER.....	1	*I
	820158-9	. STIFFENER.....	1	*IV
- 7	820000-3	PANEL ASSY, FLIGHT.....	1	*I
	820152	PANEL ASSY, FLIGHT.....	1	*V
	820152-501	PANEL ASSY, FLIGHT.....	1	*IV
	820180	PANEL ASSY, FLIGHT.....	1	*III
- 8	J6984-8	MOUNT, SHOCK.....	5	
	AN935-8	@ WASHER.....	10	
	AN340-832	@ NUT.....	10	
- 9	J6984-8	MOUNT, SHOCK.....	4	
	AN935-8	@ WASHER.....	8	
	AN340-832	@ NUT.....	8	
- 10	820079	. BRACKET.....	1	
- 11	820002	. BRACKET.....	2	
- 12	710001	BALL, COLUMN.....	2	
- 13	710013	SOCKET.....	4	
	AN515-6R8	@ SCREW.....	4	
	AN960-6	@ WASHER.....	4	
	AN363-632	@ NUT.....	4	
- 14	150015-5	PLACARD.....	1	*VII
	150015-503	PLACARD.....	1	*VIII
	150015-3	PLACARD.....	1	*IX
	150015-501	PLACARD.....	1	*X
	150015-505	PLACARD.....	1	F
- 15	PSM-5N	CIRCUIT BREAKER, STALL WARNING.....	1	CDE
	919000-9	CIRCUIT BREAKER, STALL WARNING.....	1	F
- 16	PSM-5N	CIRCUIT BREAKER, GEAR WARNING.....	1	CE
	919000-9	CIRCUIT BREAKER, GEAR WARNING.....	1	F
- 17	PSM-2N	CIRCUIT BREAKER, TURN & BANK.....	1	CDE
	919000-5	CIRCUIT BREAKER, TURN & BANK.....	1	F
- 18	PSM-5N	CIRCUIT BREAKER, INST & DOME LIGHT.....	1	CDE



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
17- 18	919000-9	CIRCUIT BREAKER, INST & DOME LIGHT.....	1	F
- 19	PSM-5N	CIRCUIT BREAKER, ENG, GAGES & IGN.....	1	CDE
	919000-9	CIRCUIT BREAKER, ENG, GAGES & IGN.....	1	F
- 20	#4-2272	LIGHTER, CIGAR.....	1	
	PSM-10N	CIRCUIT BREAKER, NI.....	1	CDE
	919000-13	CIRCUIT BREAKER, NI.....	1	F
- 21	800012-11	BUS BAR.....	1	
	800008	INSULATOR, NI.....	1	
- 22	#109-250-101	CIRCUIT BREAKER, GENERATOR.....	1	
	AN960-616	Ⓐ WASHER.....	3	
	AN365-624	Ⓐ NUT.....	1	
- 23	#109-250-101	CIRCUIT BREAKER, AUX BUS BAR.....	1	
	AN960-616	Ⓐ WASHER.....	1	
	AN365-624	Ⓐ NUT.....	1	
- 24	800012-7	BUS BAR.....	1	
- 25	D7270-5-20	SWITCH, LANDING LIGHT.....	1	
	660016-11	Ⓐ SPACER.....	1	*I
	660016	Ⓐ SPACER.....	1	*IV
	912005	. COVER, HANDLE.....	1	
- 26	D7270-5-5	SWITCH, NAVIGATION LIGHTS.....	1	
	660016-11	Ⓐ SPACER.....	1	*I
	660016	Ⓐ SPACER.....	1	*IV
	912005	. COVER, HANDLE.....	1	
- 27	D7270-5-10	SWITCH, ELECTRIC FUEL PUMP.....	1	
	660016-11	Ⓐ SPACER.....	1	*I
	660016	Ⓐ SPACER.....	1	*IV
	912005	. COVER, HANDLE.....	1	
- 28	820012-13	BUS BAR.....	1	
	800011	INSULATOR, NI.....	1	
- 29	C128	JACK, MICROPHONE.....	1	
- 30	C-11	JACK, MICROPHONE.....	1	
- 31	AN749-3-2	WIRE, JUMPER.....	1	
- 32	VM911-M-3A	LIGHT ASSY, GEAR WARNING.....	1	
	GE330	. BULB, NI.....	1	
- 33	VM911-M-2A	LIGHT ASSY, GEAR WARNING.....	1	
	GE330	. BULB, NI.....	1	
- 34	AN3027-2	SWITCH.....	1	CDE
	MS35059-22	SWITCH.....	1	F
	MS25082-8	Ⓐ NUT, SWITCH MOUNTING.....	1	
	800029-1	INSULATOR, NI.....	1	
- 35	10-126680-2	SWITCH.....	1	CDE
	10-357210-1	SWITCH.....	1	F
	10-78799	Ⓐ NUT, SWITCH MOUNTING.....	2	
	10-51142	Ⓐ NUT, SWITCH MOUNTING.....	1	
	800031	INSULATOR, NI.....	1	
- 36	974TF	SWITCH, VACUUM PRESSURE TEST.....	1	*I
	22-1280-04	SWITCH, VACUUM PRESSURE TEST.....	1	*IV
- 37	39-14-373	CARTRIDGE, LAMP ASSY.....	1	EF
	#7538-XP51	Ⓐ CLIP.....	1	EF
	#7538-XP12	. CONNECTOR.....	1	EF
	AMP325137	AMPSULATOR.....	1	EF
- 38	SS-50662	PLUG, BUTTON.....	AR	
- 39	660011-1	INDICATOR, TACHOMETER.....	1	*XI
	660011-3	INDICATOR, TACHOMETER.....	1	*XII
	660011-501	INDICATOR, TACHOMETER.....	1	*XIII
	AN515-6R6	Ⓐ SCREW.....	2	
	AN507-6R6	Ⓐ SCREW.....	1	



M20 SERIES

PARTS CATALOG

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
17- 39	#446150	CABLE.....	1	
	66C010	COLLAR /AT FIREWALL/.....	2	
	800028-7	SEAL /AT FIREWALL/.....	1	
	MT841-4G	GROMMET /AT FIREWALL/.....	2	
	AN526-1032R8	@ SCREW /AT FIREWALL/.....	1	
	AN526-1032R14	@ SCREW /AT FIREWALL/.....	1	
	AN960-10	@ WASHER /AT FIREWALL/.....	2	
	AN365-1032	@ NUT /AT FIREWALL/.....	2	
- 40	820153-5	CHANNEL.....	1	*III
	820153-7	CHANNEL.....	1	*III
	#8001	@ ADHESIVE.....	AR	*III
- 41	660012-1	GAGE, FUEL & MANF PRESSURE.....	1	CD
	AN515-B6R-12	@ SCREW.....	3	CD
	A8943-632-24J	@ NUT.....	3	CD
	660063-3	GAGE, FUEL & MANF PRESSURE.....	1	*XIV
	AN515-BR6-12	@ SCREW.....	3	*XIV
	A8943-632-24J	@ NUT.....	3	*XIV
- 42	AN6270-2-19	HOSE, FUEL & MANF PRESSURE.....	1	CD
	22-627-02	SNUBBER.....	1	CD
	AN833-2	@ ELBOW /AT FIREWALL/.....	1	CD
	AN924-2	@ NUT /AT FIREWALL/.....	1	CD
	AN960-516	@ WASHER /AT FIREWALL/.....	1	CD
	MS2874-3-19	HOSE, FUEL & MANF PRESSURE.....	1	EF
	22-627-01	SNUBBER.....	1	EF
	AN833-3	@ ELBOW /AT FIREWALL/.....	1	EF
	AN924-3	@ NUT /AT FIREWALL/.....	1	EF
	AN960-616	@ WASHER /AT FIREWALL/.....	1	EF
- 43	660061-3	LINE, MANF PRESSURE.....	1	CDE
	660121-3	LINE, MANF PRESSURE.....	1	F
	AN816-2D	@ NIPPLE.....	1	
	AN816-2D	@ NUT.....	1	
	AN816-2D	@ SLEEVE.....	1	
	AN960-516	@ WASHER /AT FIREWALL/.....	2	
	AN832-2	@ UNION /AT FIREWALL/.....	1	
	AN924-2	@ NUT /AT FIREWALL/.....	1	
	AN818-2D	@ NUT /AT FIREWALL/.....	2	
	AN819-2D	@ SLEEVE /AT FIREWALL/.....	2	
	66C061-5	LINE /FWD OF FIREWALL/.....	1	CDE
	660121-5	LINE /FWD OF FIREWALL/.....	1	F
	660061-7	LINE /AT ENG/.....	1	CDE
	660121-7	LINE /AT ENG/.....	1	F
	AN818-4D	@ NIPPLE /AT ENG/.....	1	
	AN818-4D	@ NUT /AT ENG/.....	1	
	AN819-4D	@ SLEEVE /AT ENG/.....	1	
- 44	660013-503	GAGE, CLUSTER.....	1	*VII
	AN515-B6R-10	@ SCREW.....	2	*VII
	#6-32	@ NUT, PLASTIC.....	2	*VII
	660100	GAGE, CLUSTER.....	1	*VIII
	AN515-8R5	@ SCREW.....	4	*VIII
	AN960-8L	@ WASHER.....	4	*VIII
	AN365-832	@ NUT.....	4	*VIII
	660057-501	GAGE, CLUSTER.....	1	*IX
	AN515-BR6-10	@ SCREW.....	2	*IX
	#6-32	@ NUT, PLASTIC.....	2	*IX
	660099	GAGE, CLUSTER.....	1	X
	AN515-8R5	@ SCREW.....	4	*X
	AN960-8L	@ WASHER.....	4	*X



M20 SERIES

PARTS CATALOG

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
17- 44	AN365-832 660119 AN515-8R5 AN960-8L AN365-832	② NUT..... GAGE, CLUSTER..... ② SCREW..... ② WASHER..... ② NUT.....	4 1 4 4 4	*X F F F F
- 45	AN31068-18-8S AN3057-10	CONNECTOR, CLUSTER GAGE..... ② ADAPTER.....	1 1	
- 46	SF111-312-312- 3-15 AN816-3D AN832-3 AN924-3 AN960-616	LINE, CLUSTER GAGE..... ② NIPPLE..... ② FITTING, /AT FIREWALL/..... ② NUT /AT FIREWALL/..... ② WASHER /AT FIREWALL/.....	1 1 1 1 2	
- 47	820008-1 AN520-10R-20 #149828 820119-501 AN515-B6R-12 AN515-B6R-20	INDICATOR, DIRECTIONAL GYRO..... ② SCREW..... ② FILTER ASSY, AIR, NI..... INDICATOR, DIRECTIONAL GYRO..... ② SCREW..... ② SCREW.....	1 4 1 1 2 1	*I *I *I *IV *IV *IV
- 48	610012-11 AN840-6D QS100M-8 AN913-2D 912019-5 AN818-6D QS100M-8 AN816-6D MS20913-1D	HOSE, DIRECTIONAL GYRO..... ② ADAPTER..... ② CLAMP..... ② PLUG, NI..... HOSE, DIRECTIONAL GYRO..... ② ADAPTER..... ② CLAMP..... ② ADAPTER, NI..... ② PLUG, NI.....	1 1 1 2 1 1 1 1 1	*I *I *I *I *IV *IV *IV *IV *IV
- 49	820007-1 AN520-10R-20 #149828 GE330 GE330 820123-501 AN515-B6R-8 #268-P AN840-6D AN507-B6R-9 AN823-6D 820192-501 AN520-10R-20	INDICATOR, ARTIFICIAL HORIZON..... ② SCREW..... ② FILTER ASSY, AIR..... ② BULB, INDICATOR LIGHT, NI..... ② BULB, VAC, NI..... INDICATOR, ARTIFICIAL HORIZON..... ② SCREW..... ② CONNECTOR..... ② NIPPLE..... ② SCREW..... ② ELBOW..... INDICATOR, ARTIFICIAL HORIZON..... ② SCREW.....	1 4 1 2 1 1 1 3 1 1 1 1 1 1 4	*I *I *I *I *I *XV *XV *XV *XV *XV *XV *XV *XVI *XVI
- 50	610012-9 AN844-6D QS100M-8 23-400-80 912019-7 AN844-6D QS100M-8	HOSE, ARTIFICIAL HORIZON..... ② ELBOW..... ② CLAMP..... ② FITTING..... HOSE..... ② ELBOW..... ② CLAMP.....	1 1 1 1 1 1 1	*I *I *I *IV *IV *IV *IV
- 51	22-180-04 AN912-1D AN91D-1D AN913-2D MS20913-1D	SWITCH, VACUUM PRESSURE..... ② REDUCER..... ② REDUCER..... ② PLUG, NI..... ② PLUG, NI.....	1 1 1 1 1	*I *IV *IV *I *IV
- 52	820006-1 820038-3 820191-501 AN515-6R-16	INDICATOR, AIR SPEED..... INDICATOR, AIR SPEED..... INDICATOR, AIR SPEED..... ② SCREW.....	1 1 1 4	CE D F



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
17- 52	A8943-632-24J	2 NUT.....	4	
- 53	820020-9	TUBE.....	1	CDE
	820020-23	TUBE.....	1	F
	#268-P	2 FITTING, HALF UNION.....	1	
- 54	820020-11	TUBE.....	1	CDE
	820020-15	TUBE.....	1	CDE
	820020-21	TUBE.....	1	F
	820020-25	TUBE.....	1	F
- 55	820009-501	INDICATOR, RATE OF CLIMB.....	1	
	AN515-6R-20	2 SCREW.....	3	*I
	AN507-6R-16	2 SCREW.....	1	*IV
	AN507-B6R-16	2 SCREW.....	2	*IV
	AN943-632-24J	2 NUT.....	3	
- 56	820020-13	TUBE.....	1	
	#268-P	. FITTING, HALF UNION.....	1	
- 57	820010-505	INDICATOR, ALTIMETER.....	1	*XVII
	820010-507	INDICATOR, ALTIMETER.....	1	*XVIII
	AN515-6R16	2 SCREW.....	3	
	AN507-6R16	2 SCREW.....	1	
	A8943-632-24J	2 NUT.....	3	
- 58	820020-11	TUBE.....	1	
	820020-13	TUBE.....	1	
	#271-P	2 FITTING, TEE.....	1	
- 59	23-477-05-A	INDICATOR, TURN & BANK.....	1	*XIX
	820120	. SPACER, NI.....	1	*XIX
	AN515-B6R-22	. 2 SCREW.....	1	*XIX
	#48943-632-2J	. 2 NUT.....	1	*XIX
- 60	AN3108B-10SL-35	. CONNECTOR, TURN & BANK.....	1	
- 61	820011-501	INDICATOR, TURN & BANK.....	1	*XX
	820030-7	. SPACER, NI.....	1	*XX
	AN515-6R28	2 SCREW.....	1	*XX
	AN515-6R-20	2 SCREW.....	2	*XX
	A8943-632-2J	2 NUT.....	3	*XX
	820124	INDICATOR, TURN & BANK.....	1	*XXI
	AN515-6R-28	2 SCREW.....	1	*XXI
	A8943-632-2J	2 NUT.....	1	*XXI
	AN515-6R-20	2 SCREW.....	2	*XXI
- 62	820061-1	COVER ASSY, CIRCUIT BREAKER.....	1	*XXII
	820061-505	COVER ASSY, CIRCUIT BREAKER.....	1	*XXIV
	820061-501	COVER ASSY, CIRCUIT BREAKER.....	1	*XXIII
	820061-507	COVER ASSY, CIRCUIT BREAKER.....	1	*XXV
	820061-503	COVER ASSY, CIRCUIT BREAKER.....	1	*IX
	820061-509	COVER ASSY, CIRCUIT BREAKER.....	1	*XIII
	820061	. COVER.....	1	*XIII
	820061-19	. COVER.....	1	*XXIV
	820061	. COVER.....	1	*XXIII
	820061-21	. COVER.....	1	*XXV
	820061-11	. COVER.....	1	*IX
	820061-23	. COVER.....	1	*XIII
	820061-13	. HINGE, UPPER.....	1	
	820061-7	. HINGE, LOWER.....	1	
	820061-15	. . HINGE.....	1	
	820061-5	. . PLATE.....	2	
	820061-17	. . PIN, HINGE.....	1	
	916008-9	. . SPRING.....	1	
- 63	820026-3	BOX ASSY, GLOVE.....	1	CEF
	AN515-8R8	2 SCREW.....	4	CEF



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
17- 63	A9700-2G	• CATCH.....	1	CEF
	AN526-632R9	• @ SCREW.....	2	CEF
	AN960-6L	• @ WASHER.....	2	CEF
	AN960-6	• @ WASHER.....	2	CEF
- 64	820024-9	DOOR ASSY.....	1	*XXVI
	820025-15	DOOR ASSY.....	1	*XXVII
	820024-17	DOOR ASSY.....	1	F
	AN526-632R9	@ SCREW.....	4	CEF
	820024-3	• DOOR.....	1	CEF
	820024-7	• HINGE.....	1	CEF
	A9700-2G	• STRIKER.....	1	CEF
	820024-9	• COVER, DOOR.....	1	*XXVI
	820024-11	• COVER, DOOR.....	1	*XXVII
	820024-13	• COVER, DOOR.....	1	F
	820027-7	• KNOB, DOOR.....	1	CEF
	AN520-1032-R8	@ SCREW.....	1	CEF
- 65	820117-503	COVER, PANEL, RH.....	1	*XXVI
	820161	COVER, PANEL, RH.....	1	*XXIV
	820159-501	COVER, PANEL, RH.....	1	*XIII
	820161-511	COVER, PANEL, RH.....	1	*XXV
	913066-1	LIGHT, PANEL, NI.....	1	*IV
	913066-2	LIGHT, PANEL, NI.....	1	*IV
	MS25237-330	. BULB, NI.....	8	*IV
	820117-501	COVER, PANEL, RH.....	1	*XVIII
	AN515-8R-7	@ SCREW.....	7	
	AN340-832	@ NUT.....	7	
	#8-32	@ NUT, CAP.....	7	
- 66	820116	COVER, RADIO PANEL.....	1	*I
	820116-501	COVER, RADIO PANEL.....	1	*IV
- 67	820064-505	COVER, PANEL, LH.....	1	*XXVIII
	820160	COVER, PANEL, LH.....	1	*XXIX
	820160-547	COVER, PANEL, LH.....	1	*XXV
	820184-503	COVER, PANEL, LH.....	1	*XXX
	820184-507	COVER, PANEL, LH.....	1	*XXXI
	820184-509	COVER, PANEL, LH.....	1	*XXX
	820184-571	COVER, PANEL, LH.....	1	*XXXII
	820184-575	COVER, PANEL, LH.....	1	*XXXIII
	AN515-8R7	@ SCREW.....	2	
	AN340-832	@ NUT.....	2	
	AN960-8	@ WASHER.....	2	
	#8-32	@ NUT, CAP.....	6	
- 68	820032	STIFFENER, FLIGHT PANEL COVER.....	1	
- 69	600118	CONTROL, PROPELLER.....	1	CEF
	AN960-716L	@ WASHER /AT FIREWALL/.....	2	CEF
	AN935-716L	@ WASHER /AT FIREWALL/.....	2	CEF
	AN316-7R	@ NUT /AT FIREWALL/.....	2	CEF
- 70	21-006-89	CONTROL, MIXTURE.....	1	CD
	AN960-716L	@ WASHER /AT FIREWALL/.....	1	CD
	AN935-716L	@ WASHER /AT FIREWALL/.....	1	CD
	AN316-7R	@ NUT /AT FIREWALL/.....	1	CD
	345-001-109	CONTROL, MIXTURE.....	1	EF
	AN960-716L	@ WASHER.....	1	EF
- 71	253-001-1	CONTROL, THROTTLE.....	1	
	AN960-716L	@ WASHER /AT FIREWALL/.....	2	
	AN935-716L	@ WASHER /AT FIREWALL/.....	2	CD
	AN317-7R	@ NUT /AT FIREWALL/.....	2	CD
	660052-3	BRACKET, SWITCH MOUNTING.....	1	CD



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
17- 71	660052-1	BRACKET, SWITCH MOUNTING.....	1	EF
	660052-5	INSULATOR, NI.....	1	
	AN526-832R7	@ SCREW.....	4	
	AN750-F6	@ CLAMP.....	2	
	AN960-8	@ WASHER.....	4	
	AN362-832	@ NUT.....	4	
	V3-1	SWITCH, GEAR WARNING.....	1	CD
	JV-5	ACTUATOR.....	1	CD
- 72	21-006-91	CONTROL, COWL FLAPS.....	1	CD
	660056	SUPPORT /AT FIREWALL/.....	1	CD
	21-006-94	CONTROL, COWL FLAPS.....	1	EF
- 73	820065-3	PLACARD, COWL FLAPS.....	1	
- 74	21-006-90	CONTROL, CARBURETOR AIR.....	1	CD
	AN960-716L	@ WASHER.....	1	CD
	660064	SUPPORT /AT FIREWALL/.....	1	CD
	21-006-93	CONTROL, ALTERNATE AIR.....	1	EF
	660052-1	BRACKET, SWITCH MOUNTING.....	1	EF
	660052-5	INSULATOR, NI.....	1	EF
	AN750-F6	@ CLAMP.....	2	EF
	AN526-832R7	@ SCREW.....	4	EF
	AN960-8	@ WASHER.....	4	EF
	AN365-832	@ NUT.....	4	EF
	V3-1	SWITCH, ALTERNATE AIR WARNING.....	1	EF
	JV-5	ACTUATOR.....	1	EF
- 75	653-032-12	CONTROL, CABIN VENT.....	1	
- 76	653-032-11	CONTROL, CABIN HEAT.....	1	*XXXV
	640221	CONTROL, CABIN HEAT.....	1	*XVI
- 77	653-032-10	CONTROL, PARKING BRAKE.....	1	
- 78	C-2350-D1-4VF	COMPASS /AT WINDSHIELD POST/.....	1	
	820023	BRACKET, COMPASS ATTACH.....	1	
- 79	A11WR-ET	CLOCK /AT CONTROL WHEEL/.....	1	CEF
	A-11WRL-ET	CLOCK /AT INSTR PANEL/.....	1	D
	820190	CLOCK /AT CONTROL WHEEL/.....	1	
 *I- 2807C-3184C, 252D-259D, 470E-831E				
*II- 3185C-3430C, 260D & ON, 832E-1166E				
*III- 3431C & ON, 1167E & ON, 670001F & ON				
*IV- 3185C & ON, 260D & ON, 832E & ON, 670001F & ON				
*V- 3185C-3230C, 832E-866E				
*VI- 3231C-3430C, 260D & ON, 1167E & ON				
*VII- 2807C-3184C, 252D-259D				
*VIII- 3185C & ON, 260D & ON				
*IX-470E-831E				
*X-832E & ON				
*XI- 2807C & ON				
*XII- 470E-831E, 260D & ON				
*XIII- 832E & ON, 670001F & ON				
*XIV- 470E & ON, 670001F & ON				
*XV- 3185C-3466C, 260D & ON, 832E-1308E				
*XVI- 670001C & ON, 670001E & ON, 670001F & ON				
*XVII- 2807C-3466C, 252D & ON, 470E-1176E 1178E-1198E 1200E-1216E 1218E-1267E 1269E-1272E 1274E-1276E 1279E-1280E 1282E 1284E-1285E 1289E 1291E 1294E				
*XVIII- 670001C & ON, 1177E 1199E 1217E 1268E 1273E 1277E 1281E 1283E 1286E-1288E 1290E 1292E-1293E 1295E & ON, 670001F & ON				
*XIX- 2807C-2922C, 470E-573E				



M20 SERIES

PARTS CATALOG

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
17-		<ul style="list-style-type: none">*XX- 252D & ON*XXI- 2923C-3466C, 574E-1308E*XXII- 2807C-3184C*XXIII- 252D-2590*XXIV- 3185C & ON*XXV- 260D & ON*XXVI- 2807C-3184C, 470E-831E*XXVII- 3185C & ON, 832E & ON*XXVIII- 2807C-3184C, 470E-1166C*XXIX- 3185C-3430C*XXX- 3431C & ON*XXXI- 1167E & ON*XXXII- 670001C & ON*XXXIII- 670001E & ON, 670001F & ON*XXXIV- 2807C & ON, 832E & ON, 670001F & ON*XXXV- 2807C-3466C, 470E-1308E, 252D & ON		

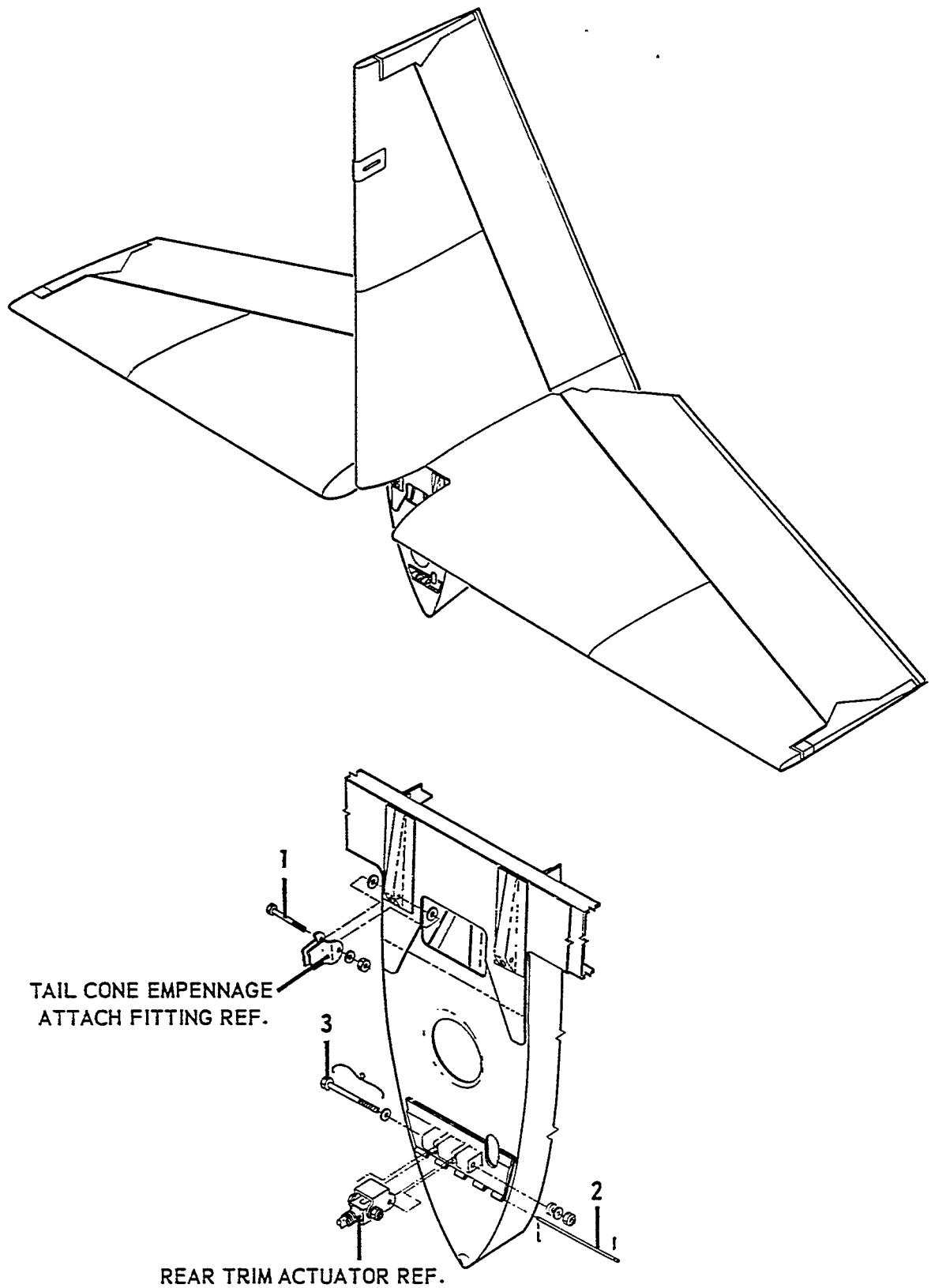


FIGURE 18. Empennage Assembly & Installation

MOONEY**M20 SERIES****PARTS CATALOG**

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
18-	480000-964	EMPENNAGE ASSY.....	1	CDE
	480005-964	EMPENNAGE ASSY.....	1	F
- 1	AN174-20A	② BOLT.....	2	
	AN960-416	② WASHER.....	6	
	AN365-428	② NUT.....	2	
- 2	480003-21	② PIN, HINGE.....	1	
	440019	② SPACER.....	4	
	381-2-6	② PIN, COTTER.....	2	
- 3	AN5H-32	② BOLT.....	1	
	AN960-516	② WASHER.....	1	
	AN310-5	② NUT.....	1	
	AN995-F51	② LOCKWIRE.....	1	
	VRP-37	- ANTENNA ASSY, RECEIVING, NI.....	1	
	AN3-7A	- ② BOLT.....	2	
	AN960-10L	- ② WASHER.....	2	
	A-2064-12	- LIGHT ASSY, TAIL, NI.....	1	*I
	800224	- LIGHT ASSY, TAIL, NI.....	1	*II

*I- 2807C-3043C, 252D-258D, 470E-701E

*II- 3044C & ON, 259D & ON, 702E & ON, 670001F & ON

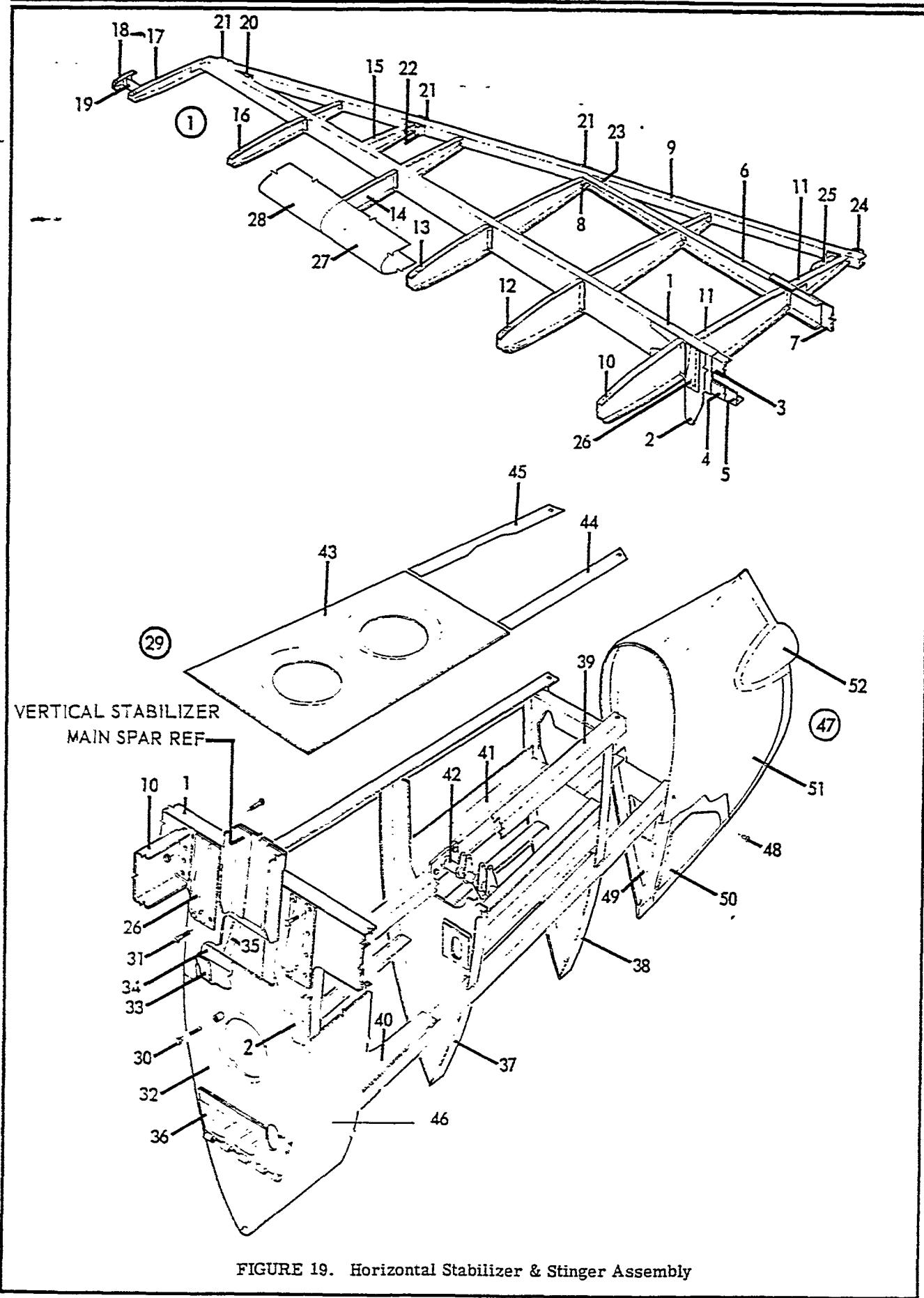


FIGURE 19. Horizontal Stabilizer & Stinger Assembly

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FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFECT.
19-	420000-964	STABILIZER ASSY.....	1	CDE
	420001-964	STABILIZER ASSY.....	1	F
- 1	410013	• SPAR ASSY, MAIN.....	1	CDE
	410013-503	• SPAR ASSY, MAIN.....	1	F
	410013-7	• • SPAR, LH.....	1	CDE
	410013-8	• • SPAR, RH.....	1	CDE
	410013-33	• • SPAR, LH.....	1	F
	410013-34	• • SPAR, RH.....	1	F
- 2	410013-15	• • PLATE.....	1	CDE
	410013-35	• • PLATE.....	1	F
- 3	410013-11	• • ANGLE, STIFFENER.....	1	CDE
	410013-31	• • ANGLE, STIFFENER.....	1	F
- 4	410013-9	• • ANGLE, STIFFENER, LH.....	1	CDE
	410013-10	• • ANGLE, STIFFENER, RH.....	1	CDE
	410013-29	• • ANGLE, STIFFENER, LH.....	1	F
	410013-30	• • ANGLE, STIFFENER, RH.....	1	F
	R3001-T5-4	• • 2 HUCKBOLT, NI.....	2	
	R3001-T5-3	• • 2 HUCKBOLT, NI.....	14	
	NAS1080-5	• • 2 HUCK COLLAR, NI.....	16	
- 5	410013-13	• • SPLICE.....	1	CDE
	410013-27	• • SPLICE.....	1	F
	R3001-T5-4	• • 2 HUCKBOLT.....	2	
	NAS1080-5	• • 2 HUCK COLLAR.....	2	
- 6	410014	• SPAR ASSY, STUB.....	1	CDE
	410014-503	• SPAR ASSY, STUB.....	1	F
	410014-7	• • SPAR, LH.....	1	CDE
	410014-8	• • SPAR, RH.....	1	CDE
	410014-19	• • SPAR, LH.....	1	F
	410014-20	• • SPAR, RH.....	1	F
- 7	410014-9	• • CHANNEL, SUPPORT.....	1	CDE
	410014-17	• • CHANNEL, SUPPORT.....	1	
- 8	410014-11	• • CLIP.....	2	
- 9	410038-7	• SPAR, REAR.....	2	
	410027-11	• SEAL, GAP, NI.....	2	
	410027-13	• SEAL, GAP, NI.....	2	
- 10	410010	• RIB.....	2	
	R3001-T5-3	• 2 HUCKBOLT.....	3	
	R3001-T5-4	• 2 HUCKBOLT.....	1	
	NAS1080-5	• 2 HUCK COLLAR.....	4	
- 11	410011-1	• RIB ASSY, LH.....	1	
	410011-2	• RIB ASSY, RH.....	1	
	410011-7	• • RIB, MID, LH.....	1	
	410011-8	• • RIB, MID, RH.....	1	
	410011-9	• • RIB, AFT, LH.....	1	
	410011-10	• • RIB, AFT, RH.....	1	
- 12	410009	• RIB ASSY /LH & RH/.....	2	
	410009-7	• • RIB, FWD.....	1	
	410009-9	• • RIB, MID.....	1	
	410009-11	• • RIB, AFT.....	1	
- 13	410008	• RIB ASSY /LH & RH/.....	2	
	410008-7	• • RIB, FWD.....	1	
	410008-9	• • RIB, AFT.....	1	
- 14	410007	• RIB ASSY /LH & RH/.....	2	
	410007-7	• • RIB, FWD.....	1	
	410007-9	• • RIB, AFT.....	1	
- 15	410034	• RIB /LH & RH/.....	2	
- 16	410006	• RIB ASSY /LH & RH/.....	2	



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
19- 16	410006-7	. . RIB, FWD.....	1	
	410006-9	. . RIB, AFT.....	1	
- 17	410005	. . RIB /LH & RH/.....	2	
- 18	410004	. . RIB /LH & RH/.....	2	
- 19	410013	. . BRACKET.....	2	
- 20	410016	. . BRACKET.....	2	
- 21	914002-9	. . HINGE, FITTING.....	6	
- 22	410032	. . BRACKET.....	2	
- 23	410017	. . BRACKET.....	2	
- 24	914022-11	. . HINGE, FITTING.....	2	
	AN23-20A	. @ BOLT.....	2	
	AN960-10L	. @ WASHER.....	4	
	AN363-1032	. @ NUT.....	2	
	410035	. . BLOCK, RADIUS, NI.....	2	
	AN3-12A	. @ BOLT.....	4	
	AN960-10L	. @ WASHER.....	8	
	AN363-1032	. @ NUT.....	4	
- 25	410012-7	. . BRACKET.....	2	
- 26	410003	. . BRACKET, MAIN EMPENNAGE ATTACH.....	2	
	R3001-T5-6	. @ HUCKBOLT.....	2	
	R3001-T5-5	. @ HUCKBOLT.....	4	
	R3001-T5-4	. @ HUCKBOLT.....	6	
	NAS1080-5	. @ HUCK COLLAR.....	12	
- 27	420000-23	. . SKIN, IB, LH.....	1	
	420000-25	. . SKIN, IB, RH.....	1	
- 28	420000-7	. . SKIN, OB.....	2	
- 29	420000-971	STINGER ASSY, FWD.....	1	CDE
	420000-965	STINGER ASSY, FWD.....	1	F
- 30	AN4-23A	@ BOLT.....	2	
	AN960-416	@ WASHER.....	2	
	410002	@ SPACER.....	2	
	AN365-428	@ NUT.....	2	
	AN3-5A	@ BOLT, FWD, NI.....	2	
	AN3-4A	@ BOLT, FWD, NI.....	2	
	AN960-10L	@ WASHER, NI.....	8	
	AN363-1032	@ NUT, NI.....	4	
	AN3-13A	@ BOLT, AFT, NI.....	2	
	AN960-10L	@ WASHER, NI.....	4	
	AN363-1032	@ NUT, NI.....	2	
- 31	R3001-T5-2	@ HUCKBOLT.....	4	
	NAS1080-5	@ HUCK COLLAR.....	4	
- 32	410020	. . BULKHEAD ASSY, STINGER.....	1	
	410020-7	. . BULKHEAD.....	1	
- 33	410020-9	. . ANGLE, LH, NI.....	1	
	410020-10	. . ANGLE, RH.....	1	
- 34	410020-11	. . ANGLE.....	1	
- 35	410029	. . BRACKET, RUDDER CONTROL STOP, LH.....	1	
	410030	. . BRACKET, ELEVATOR CONTROL STOP, RH.....	1	
- 36	410025	. . BLOCK, MAIN EMPENNAGE ATTACH.....	1	
	480003-9	. . HINGE.....	1	
	410020-13	. . SHIM.....	1	
	410026	. . STIFFENER, NI.....	1	
	R3001-T5-6	. . HUCKBOLT, NI.....	4	
	R3001-T5-5	. . @ HUCKBOLT, NI.....	6	
	NAS1080-5	. . @ HUCK COLLAR, NI.....	10	
- 37	410019	. . BULKHEAD ASSY.....	1	
	410019-7	. . BULKHEAD.....	1	

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FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
19- 37	410019-9	• DOUBLER.....	1	
- 38	410000	• BULKHEAD ASSY.....	1	
	410000-7	• BULKHEAD.....	1	
	410000-9	• DOUBLER.....	1	
	460019	• BULKHEAD, NI.....	1	F
	460017	• HINGE ASSY, NI.....	1	F
	460017-5	• BRACKET, NI.....	1	F
	460017-3	• LUG, NI.....	1	F
	460017-7	• CLIP, NI.....	1	F
- 39	410022-7	• LONGERON, LH.....	1	CDE
	410022-8	• LONGERON, RH.....	1	CDE
	410022-501	• LONGERON, LH.....	1	F
	410022-502	• LONGERON, RH.....	1	F
	410036-1	• BRACKET, FWD, LH, NI.....	1	
	410036-2	• BRACKET, FWD, RH, NI.....	1	
- 40	410023	• LONGERON ASSY.....	1	CDE
	410023-501	• LONGERON ASSY.....	1	F
	410023-7	• LONGERON, LH.....	1	CDE
	410023-8	• LONGERON, RH.....	1	CDE
	410023-11	• LONGERON, LH.....	1	F
	410023-12	• LONGERON, RH.....	1	F
	410023-9	• SHELF, LONGERON.....	1	
	NAJ5-02	• NUT PLATE.....	2	
- 41	410024-1	• SUPPORT ASSY, LH.....	1	CDE
	410024-2	• SUPPORT ASSY, RH.....	1	CDE
	410024-501	• SUPPORT ASSY, LH.....	1	F
	410024-502	• SUPPORT ASSY, RH.....	1	F
	410024-9	• BLOCK, SUPPORT.....	2	
	AN3-5A	• A BOLT.....	2	
	AN960-10L	• A WASHER.....	2	
	AN366F-1032	• A NUT PLATE.....	2	
- 42	740036-1	• BELLCRANK ASSY, TRIM ASSIST.....	1	
	410033	• A WASHER.....	2	
- 43	410031	• WEB.....	1	CDE
	410031-13	• WEB.....	1	F
- 44	410028-7	• SEAL, GAP, LH.....	1	
- 45	410028-8	• SEAL, GAP, RH.....	1	
- 46	420000-17	• SKIN.....	2	CDE
	420001-7	• SKIN.....	2	F
	420001-9	• DOUBLER, NI.....	1	F
	913011-501	• COVER, INSPECTION, LH, NI.....	1	CDE
	AN509-832R7	• A SCREW.....	10	CDE
	913021	• COVER, INSPECTION, RH, NI.....	1	CDE
	AN509-832R7	• A SCREW.....	8	CDE
	913061-1	• COVER, INSPECTION, LH, NI.....	1	F
	AN509-832R7	• A SCREW.....	6	F
	930006	• COVER, INSPECTION, RH, NI.....	2	F
	AN525-832R7	• A SCREW.....	16	F
- 47	420000-951	FAIRING ASSY, AFT.....	1	CDE
- 48	AN515-8R8	A SCREW.....	2	CDE
	AN515-8R7	A SCREW.....	4	CDE
- 49	410021	BULKHEAD ASSY.....	1	CDE
	AN366F-832	NUT PLATE.....	4	CDE
- 50	410001-9	DOUBLER.....	1	CDE
- 51	420000-19	FAIRING.....	1	*I
	420000-27	FAIRING.....	1	*II
- 52	470001	BRACKET, TAIL LIGHT.....	1	CDE

*I- 2807C-3466C, 252D & ON, 470E-1308E

*II- 670001C & ON, 670001E & ON

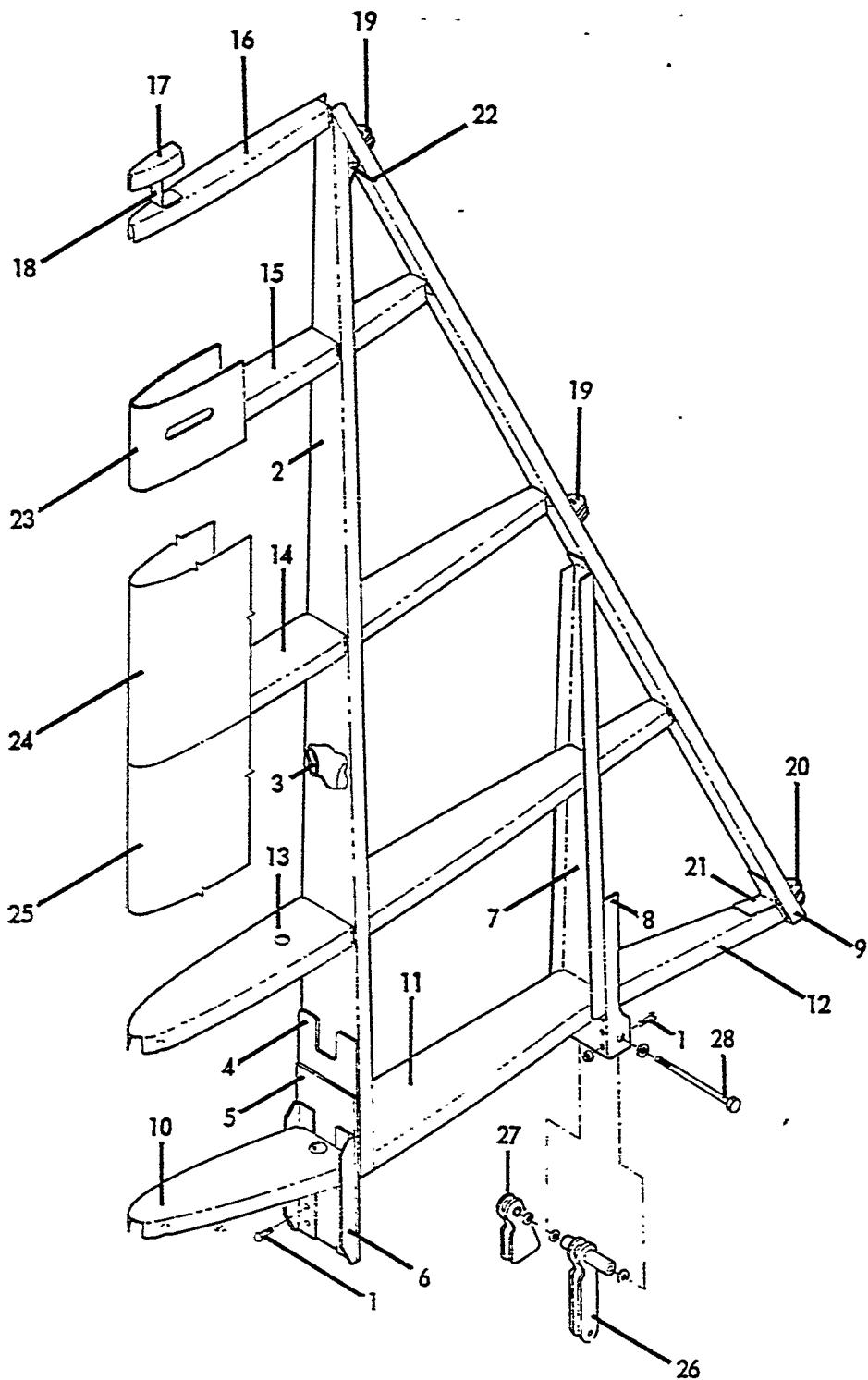


FIGURE 20. Vertical Stabilizer Assembly & Installation



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
20-	450000	VERTICAL STABILIZER ASSY.....	1	CDE
	450000-503	VERTICAL STABILIZER ASSY.....	1	F
- 1	ALPH-T6-7	2 HUCKBOLT.....	8	
	LC-C6	2 HUCK COLLAR.....	8	
	ALPH-T5-6	2 HUCKBOLT.....	4	
	LC-C5	2 HUCK COLLAR.....	4	
- 2	440008	. SPAR ASSY, VERTICAL STABILIZER, MAIN...	1	CDE
	440008-503	. SPAR ASSY, VERTICAL STABILIZER, MAIN...	1	F
	440008-7	. . SPAR, MAIN.....	1	
- 3	440008-9	. . DOUBLER.....	1	
	440008-11	. . DOUBLER.....	1	
- 4	440008-13	. . PLATE.....	1	
- 5	440008-15	. . PLATE.....	1	
- 6	440008-17	. . ANGLE, LH.....	1	
	440008-19	. . ANGLE, RH.....	1	
- 7	440009	. SPAR ASSY, STUB.....	1	CDE
	440009-503	. SPAR ASSY, STUB.....	1	F
	440009-7	. . SPAR.....	1	
- 8	440009-9	. . CHANNEL, ATTACH.....	1	
- 9	440016	. SPAR, REAR.....	1	
	410027-7	. SEAL, GAP, NI.....	1	*I
	410027-9	. SEAL, GAP, NI.....	1	*I
	410042	. SEAL, GAP, NI.....	1	*II
	410042-501	. SEAL, GAP, NI.....	1	*II
- 10	440000	. RIB.....	1	
	AN931-13-8	. GROMMET, NI.....	1	
- 11	440001	. RIB.....	1	
- 12	440002	. RIB.....	1	
- 13	440007	. RIB ASSY.....	1	
	440007-7	. . RIB, FWD.....	1	
	AN931-13-8	. . GROMMET, NI.....	1	
	440007-9	. . RIB, MID.....	1	
	440007-11	. . RIB, AFT.....	1	
- 14	440006	. RIB ASSY.....	1	
	440006-7	. . RIB, FWD.....	1	
	AN931-13-8	. . GROMMET, NI.....	1	
	440006-9	. . RIB, AFT.....	1	
- 15	440005	. RIB ASSY.....	1	
	440005-7	. . RIB, FWD.....	1	
	AN931-13-8	. . GROMMET, NI.....	1	
	440005-9	. . RIB, AFT.....	1	
- 16	440004	. RIB.....	1	
- 17	440003	. RIB.....	1	
- 18	440013	. BRACKET.....	1	
- 19	914002-9	. HINGE, FITTING.....	2	
- 20	914002-13	. HINGE, FITTING.....	1	
- 21	440015	. CLIP.....	1	
- 22	44C012	. BRACKET.....	1	
- 23	440017	. PLATE, COVER.....	1	
	ANS26-C632-R5	. 2 SCREW, NI.....	14	
	AN366F-362	. 2 NUT PLATE, NI.....	14	
- 24	450000-7	. SKIN, LH.....	1	
- 25	450000-9	. SKIN, RH.....	1	
- 26	913033	. BELLCRANK ASSY	1	
	914020-26	. BUSHING	1	
- 27	913032	. BELLCRANK ASSY	1	
	914020-25	. BUSHING	1	
- 28	AN3-40	. 2 BOLT.....	1	
	AN960-101	. 2 WASHER.....	6	
	AN365-1032	. 2 NUT.....	1	

*I- 2807C-670069C, 252D & ON, 470E-670001E, 670001F-670297F

*II- 670070C & ON, 670002E & ON, 670298 & ON

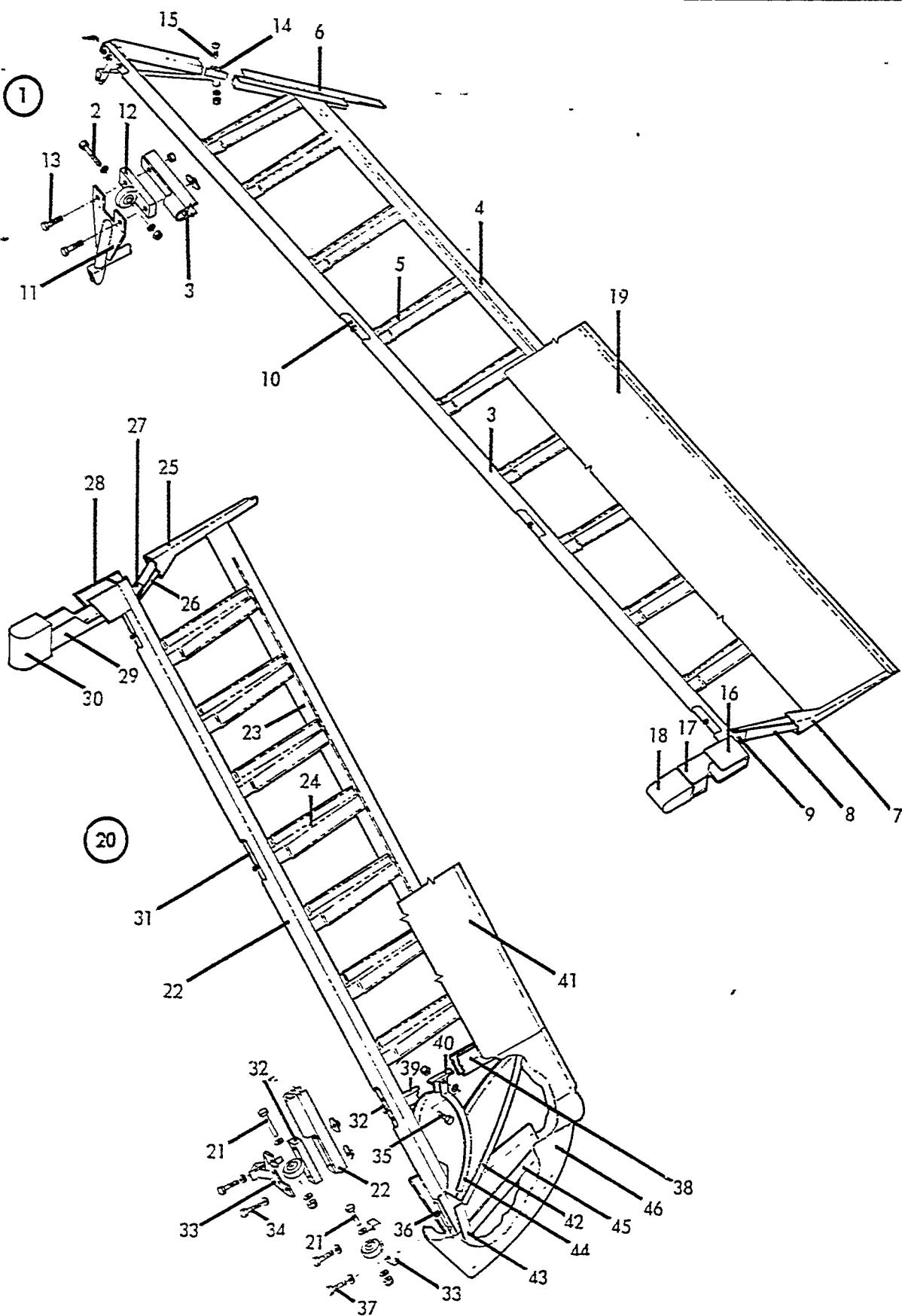


FIGURE 21. Elevator & Rudder Assemblies & Installation

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
21- 1	430000-11	ELEVATOR ASSY /PAIR/.....	1	CDE
	430000-19	ELEVATOR ASSY /PAIR/.....	1	F
	430000-5	• ELEVATOR, LH.....	1	CDE
	430000-6	• ELEVATOR, RH.....	1	CDE
	430000-503	• ELEV. TOR, LH.....	1	F
	430000-504	• ELEV. TOR, RH.....	1	F
- 2	AN3-11A	• 2 BOLT.....	4	
	AN960-10L	• 2 WASHER.....	8	
	AN365-1032	• 2 NUT.....	4	
- 3	430001	• SPAR, MAIN.....	1	
- 4	430013-7	• SPAR, REAR.....	1	
- 5	430002-7	• RIB.....	4	CDE
	430002-7	• RIB.....	8	F
- 6	430008	• RIB.....	1	CDE
	430008-501	• RIB.....	1	F
- 7	430004	• RIB.....	1	
- 8	430007	• RIB.....	1	
- 9	430003-17	• CLIP.....	1	
	430003-15	• CLIP.....	1	
- 10	914001-3	• HINGE, ELEVATOR ATTACH.....	3	
- 11	430009-1	• HORN ASSY, LH.....	1	CDE
	430009-2	• HORN ASSY, RH.....	1	CDE
	710029-1	• HORN ASSY, LH.....	1	F
	710029-2	• HORN ASSY, RH.....	1	F
- 12	914001	• HINGE, ELEVATOR ATTACH.....	1	
- 13	AN3-7A	• 2 BOLT.....	2	
	AN960-10L	• 2 WASHER.....	1	
	22NAI-02	• 2 NUT PLATE.....	1	
	AN365-1032	• 2 NUT.....	1	
- 14	430010	• FITTING, RUDDER HORN ATTACH.....	1	
- 15	AN23-26	• 2 SCREW.....	1	
	AN960-10L	• 2 WASHER.....	1	
	AN310-3	• 2 NUT.....	1	
	AN381-2-8	• 2 PIN, COTTER.....	1	
- 16	430006	• DOUBLER.....	1	
- 17	430005	• RIB.....	1	
- 18	430016	• WEIGHT, BALANCE.....	1	CDE
	430018-1	• WEIGHT, BALANCE.....	1	F
- 19	430000-12	• SKIN, TOP.....	1	CDE
	430000-13	• SKIN, BOTTOM, NI.....	1	CDE
	430000-15	• SKIN, TOP.....	1	F
	430000-17	• SKIN, BOTTOM, NI.....	1	F
- 20	460000-3	RUDDER ASSY.....	1	CDE
	460023	RUDDER ASSY.....	1	F
- 21	AN3-11A	2 BOLT.....	3	CDE
	AN960-10L	2 WASHER.....	6	CDE
	AN365-1032	2 NUT.....	3	CDE
	AN3-11A	2 BOLT.....	4	F
	AN960-10L	2 WASHER.....	8	F
	AN365-1032	2 NUT.....	4	F
- 22	460002	• SPAR, MAIN.....	1	CDE
	460023-3	• SPAR, MAIN.....	1	F
- 23	430013-9	• SPAR, REAR.....	1	CDE
	430013-11	• SPAR, REAR.....	1	F
- 24	430002-9	• RIB.....	3	CDE
	430002-9	• RIB.....	7	F
- 25	470007	• RIB.....	1	



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
21- 25	460010-501	• BLOCK, NI.....	1	
- 26	460003	• RIB.....	1	
- 27	430003	• CLIP.....	1	CDE
	430003-7	• CLIP.....	1	F
- 28	460004	• DOUBLER.....	1	
- 29	460005	• RIB.....	1	
- 30	460011	• WEIGHT, BALANCE.....	1	CDE
	460011-7	• WEIGHT, BALANCE.....	1	F
--- 31	914001	• HINGE, RUDDER ATTACH.....	2	CDE
	914001-3	• HINGE, RUDDER ATTACH.....	2	F
- 32	914001-3	• HINGE, RUDDER ATTACH.....	1	
- 33	460008	• HORN ASSY, RUDDER.....	1	
- 34	AN3-7A	• a BOLT.....	2	CDE
	22NAI-02	• a NUT PLATE.....	2	CDE
	AN3-7A	• a BOLT.....	2	F
	AN960-10	• a WASHER.....	2	F
	22NAI-02	• a NUT PLATE.....	1	F
	22NAI7A-02	• a NUT PLATE.....	1	F
- 35	AN23-26	• a BOLT.....	1	CDE
	AN23-28	• a BOLT.....	1	F
	AN960-10L	• a WASHER.....	1	
	AN310-3	• a NUT.....	1	
	AN381-2 10	• a PIN, COTTER.....	1	
- 36	914001-3	• HINGE, RUDDER ATTACH.....	1	F
- 37	AN3-7A	• a BOLT.....	2	F
- 38	460006	• RIB.....	1	CDE
	460006-501	• RIB.....	1	F
- 39	430014-9	• CHANNEL, ATTACH.....	1	
- 40	430010	• FITTING, HORN ATTACH.....	1	CDE
	430010-1	• FITTING, HORN ATTACH.....	1	F
- 41	460000-11	• SKIN, LH.....	1	CDE
	460000-12	• SKIN, RH.....	1	CDE
	460023-5	• SKIN, LH.....	1	F
	460023-6	• SKIN, RH.....	1	F
- 42	460022	• RIB.....	1	F
	460018-13	• SPACER, NI.....	1	F
- 43	460034	• RIB ASSY.....	1	
	460034-3	• . RIB, LH.....	1	F
	460034-4	• . RIB, RH.....	1	F
- 44	460033	• RIB.....	1	F
- 45	460020	• RIB.....	1	F
- 46	460023-7	• SKIN, LH.....	1	F
	460023-8	• SKIN, RH.....	1	F

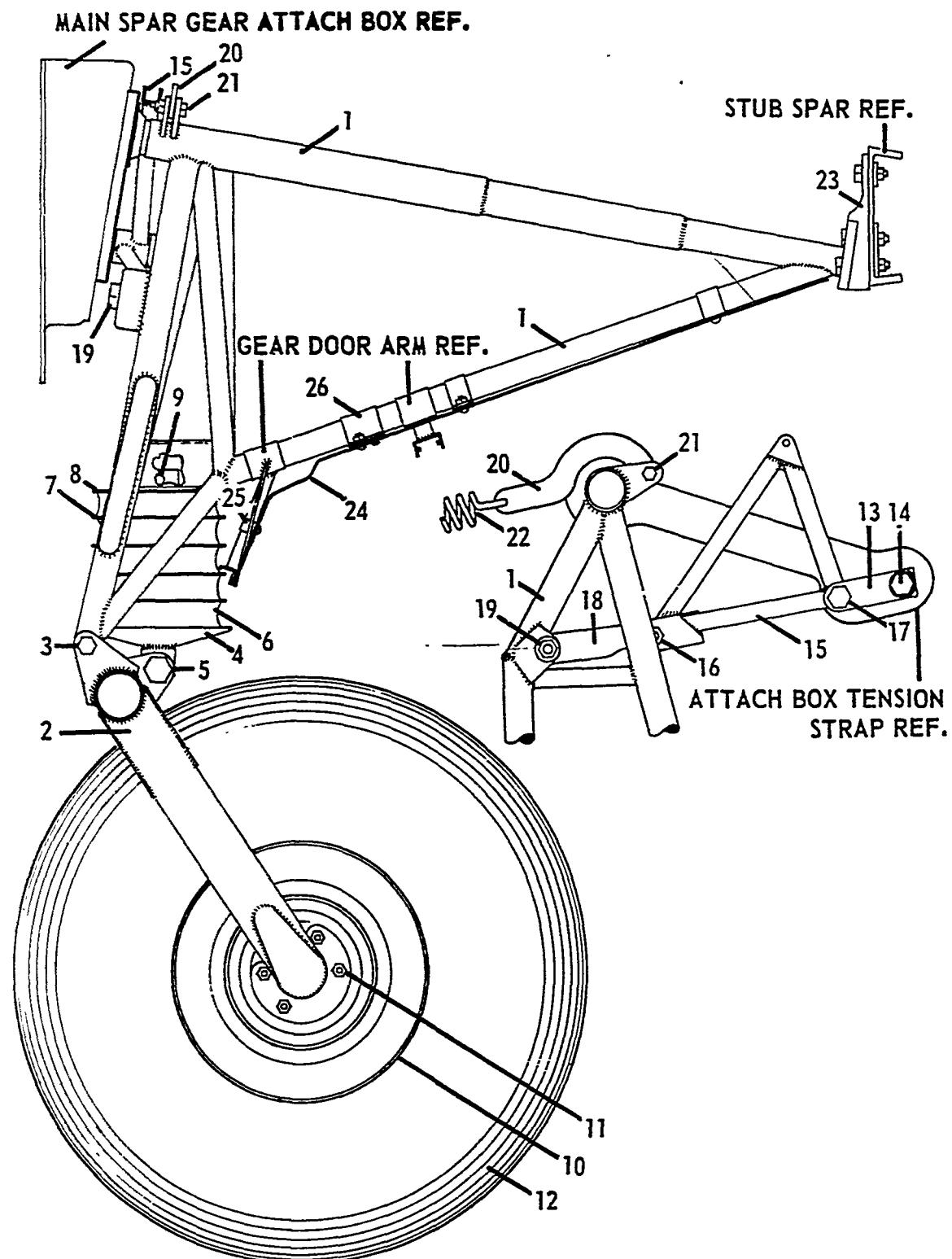


FIGURE 22. Main Landing Gear Assembly & Installation

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FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFECT.
22- 1	520000-503	GEAR ASSY, MAIN, LH.....	1	*I
	520000-504	GEAR ASSY, MAIN, RH.....	1	*I
	520000-501	GEAR ASSY, MAIN, LH.....	1	*II
	520000-502	GEAR ASSY, MAIN, RH.....	1	*II
	520000-507	GEAR ASSY, MAIN, LH.....	1	*III
	520000-508	GEAR ASSY, MAIN, RH.....	1	*III
	520000-505	GEAR ASSY, MAIN, LH.....	1	*IV
	520000-506	GEAR ASSY, MAIN, RH.....	1	*IV
	520000-509	GEAR ASSY, MAIN, LH.....	1	*V
	520000-510	GEAR ASSY, MAIN, RH.....	1	*V
	520001-1	. LEG ASSY, LH.....	1	
	520001-2	. LEG ASSY, RH.....	1	
	MS150001-1	. FITTING, GREASE.....	2	
	AN960-10L	. a WASHER.....	2	
	AN960-416	. a WASHER.....	2	
- 2	520002-1	. SPINDLE ASSY, LH.....	1	*VI
	520002-501	. SPINDEL ASSY, LH.....	1	*V
	520002-2	. SPINDEL ASSY, RH.....	1	*VI
	520002-502	. SPINDEL ASSY, RH.....	1	*V
- 3	914020-19	. a BUSHING.....	2	
	AN6-22	. a BOLT.....	2	
	AN960-616	. a WASHER.....	4	
	AN365-624	. a NUT.....	2	
- 4	520003-3	. LINK ASSY, SHOCK.....	1	*VII
	520010-1	. LINK ASSY, SHOCK.....	1	*VIII
	MS15001-4	. . FITTING, GREASE.....	1	
	AN960-416L	. . a WASHER.....	1	
	AN960-416	. . a WASHER.....	1	
- 5	914007-5	. a BUSHING.....	1	
	AN9-24A	. a BOLT.....	1	
	AN365-918	. a NUT.....	1	
- 6	3CRE-714	. DISC, SHOCK.....	5	*VII
	530021	. DISC, SHOCK.....	4	*VIII
- 7	510021	. SPACER.....	4	*VII
- 8	510022	. SPACER.....	1	*VII
	510047-1	. SPACER.....	1	*VIII
- 9	510027-8	. COLLAR.....	1	*IX
	510027-9	. COLLAR.....	1	*IX
	510049	. COLLAR.....	1	*X
	914003-501	. a BOLT, SHOCK LINK.....	1	
	AN960-516	. a WASHER.....	1	
	AN365-524	. a NUT.....	1	
- 10	20-12	. WHEEL & BRAKE ASSY, MAIN GEAR.....	1	*VI
	20-86	. WHEEL & BRAKE ASSY, MAIN GEAR.....	1	*V
	510019-7 OR -9, -11, 13, -15	. a SPACER, NI.....	AR	
	AN7502-24	. a NUT, RETAINING, NI.....	1	
	AN380-4-10	. a PIN, COTTER, NI.....	1	
	40-24	. . WHEEL ASSY.....	1	*VI
	\$40-86	. . WHEEL ASSY, NI.....	1	*V
	30-5	. . BRAKE ASSY.....	1	*V
	\$30-56A	. . BRAKE ASSY, NI.....	1	*V
		. SEE FIG 24 FOR DETAIL PARTS.		
- 11	AN4-5A	. . a BOLT.....	4	
	AN365-428	. . a NUT.....	4	
- 12	6.00-6	. TIRE, TYPE III, 6 PLY.....	1	
	6.00-6	. TUBE, NI.....	1	



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
22- 13	510046	• BRACKET, RETRACTING TRUSS.....	1	
	510017-7 OR -9, -11, -13, -15	• SPACER, NI.....	AR	
- 14	AN5H16A	• a BOLT.....	AR	
	AN5H17A	• a BOLT.....	AR	
	AN5-14A	• a BOLT.....	AR	*XI
	AN5H-14A	• a BOLT.....	AR	*IV
	AN5H-15A	• a BOLT.....	AR	*II
	AN5H-15A	• a BOLT.....	AR	*IV
- 15	520006-1	• TRUSS ASSY, RETRACTING, LH.....	1	CEF
	520006-2	• TRUSS ASSY, RETRACTING, RH.....	1	CEF
- 16	914020-17	• a BUSHING.....	1	CEF
	AN26-17	• a BOLT.....	1	CEF
	AN960-616	• a WASHER.....	2	CEF
	AN320-6	• a NUT.....	1	CEF
	AN380-3-3	• a PIN, COTTER.....	1	CEF
- 17	AN6H-16A	• a BOLT.....	AR	
	AN6H-17A	• a BOLT.....	AR	
	914020-18	• a BUSHING.....	AR	CEF
	AN6H-21A	• a BOLT.....	AR	CEF
	914006	• a BOLT.....	AR	CEF
	914006-501	• a BOLT.....	AR	CEF
	914006-503	• a BOLT.....	AR	CEF
	AN6H-21A	• a BOLT.....	AR	D
	AN6H-22A	• a BOLT.....	AR	D
	AN6-20A	• a BOLT.....	AR	*II
	AN6H-20A	• a BOLT.....	AR	*IV
- 18	510011-7	• LINK, RETRACTING.....	1	CEF
	510011-9	• LINK, NI.....	1	D
- 19	914020-17	• a BUSHING.....	1	CEF
	AN6-22A	• a BOLT.....	1	CEF
	AN960-616	• a WASHER.....	AR	CEF
	AN365-624	• a NUT.....	1	CEF
	AN26-17	• a BOLT.....	1	D
	AN960-616L	• a WASHER.....	1	D
	AN320-6	• a NUT.....	1	D
	AN380-3-3	• a PIN, COTTER.....	1	D
- 20	560013	• LINK.....	1	CEF
- 21	AN3-5	• a BOLT.....	1	CEF
	AN310-3	• a NUT.....	1	CEF
	AN380-2-2	• a PIN, COTTER.....	1	CEF
- 22	916004	• SPRING.....	1	CEF
- 23	210067-7	• BRACKET, LH.....	1	
	210067-8	• BRACKET, RH.....	1	
	210067-9	• BRACKET.....	1	
	#3081	• FITTING, GREASE.....	1	
	510004-7THRU17	• SPACER.....	AR	
	AN4-6A	• a BOLT.....	2	
	AN4-13A	• a BOLT.....	2	
	AN4-14A	• a BOLT.....	2	
	AN960-416	• a WASHER.....	6	
- 24	560016-3	• SHIELD, MUD, LH.....	1	CEF
	560016-4	• SHIELD, MUD, RH.....	1	CEF
- 25	AN742-8	• a CLAMP.....	1	CEF
	AN526-10R8	• a SCREW.....	1	CEF
	AN960-10	• a WASHER.....	1	CEF
	AN363-1032	• a NUT.....	1	CEF

MOONEY**M20 SERIES****PARTS CATALOG**

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFECT.
22- 26	MS21919D-12	3 CLAMP.....	4	CEF
	AN526-10R6	3 SCREW.....	4	CEF
	AN960-10	3 WASHER.....	4	CEF
	AN363-1032	3 NUT.....	4	CEF
<p>*I- 2807C-3184C, 470E-831E *II- 252D *III- 3185C-3466C, .832E-1308E *IV- 253D & ON *V- 670001C & ON, 670001E & ON, 670001F & ON *VI- 2807C-3466C, 252D & ON, 470E-1308E *VII- 2807C-3184C, 252D & ON, 470-831E *VIII- 3185C & ON, 832E & ON, 670001F & ON *IX- 2807C-3264C, 252D-2590, 470E-917E *X- 3265C & ON, 253D & ON, 918E & ON *XI- 2807C & ON, 252D, 470E & ON, 670001F & ON </p>				



CABIN TUBULAR STRUCTURE REF.

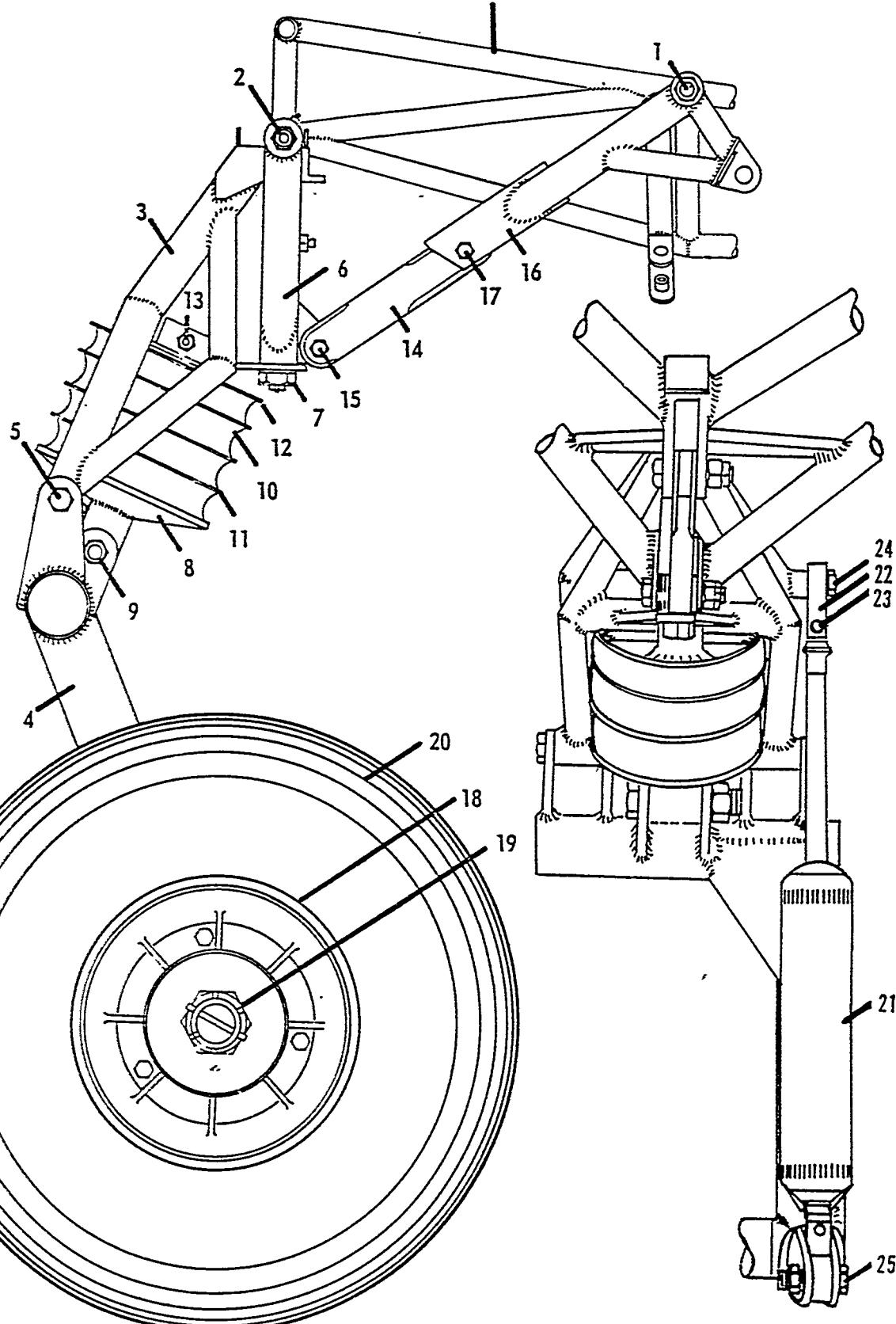


FIGURE 23. Nose Gear Assembly & Installation



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
23-	540000-503	GEAR ASSY, NOSE.....	. 1	*I
	540000-501	GEAR ASSY, NOSE.....	. 1	*II
	540000-505	GEAR ASSY, NOSE.....	. 1	*III
	540000-507	GEAR ASSY, NOSE.....	. 1	*IV
	540000-509	GEAR ASSY, NOSE.....	. 1	F
- 1	914007-1	Ⓐ BUSHING.....	. 2	CDE
	914007-13	Ⓐ BUSHING.....	. 2	F
	AN5-26A	Ⓐ BOLT.....	. 2	CDE
	AN6-33	Ⓐ BOLT.....	. 2	F
	913022-3	Ⓐ SPACER.....	AR	
	320001-15	Ⓐ SPACER.....	AR	
	AN960-516	Ⓐ WASHER.....	AR	CDE
	AN960-516L	Ⓐ WASHER.....	AR	CDE
	AN960-616	Ⓐ WASHER.....	AR	F
	AN960-616L	Ⓐ WASHER.....	AR	F
	AN365-524	Ⓐ NUT.....	2	CDE
	AN365-624	Ⓐ NUT.....	2	F
- 2	914007-2	Ⓐ BUSHING.....	. 2	
	913022-6	Ⓐ SPACER.....	AR	
	320001-25	Ⓐ SPACER.....	AR	
	AN6-33A	Ⓐ BOLT.....	. 2	
	AN365-624	Ⓐ NUT.....	. 2	
- 3	540004	• LEG ASSY.....	1	*V
	540004-501	• LEG ASSY.....	1	*VI
	MS15001-1	• • FITTING, GREASE.....	1	
	AN960-416L	• Ⓢ WASHER.....	2	
	AN960-416	• Ⓢ WASHER.....	2	
- 4	540003	• SPINDLE ASSY.....	1	*V
	540003-501	• SPINDLE ASSY.....	1	*VI
- 5	914007-3	• Ⓢ BUSHING.....	2	
	AN7-22A	• Ⓢ BOLT.....	2	
	AN960-716	• Ⓢ WASHER.....	2	
	AN365-720	• Ⓢ NUT.....	2	
- 6	540001-5	• TRUSS ASSY, SUPPORT.....	1	
	#46604	• • FITTING GREASE.....	3	
- 7	914007-4	• Ⓢ BUSHING.....	1	
	AN7-50	• Ⓢ BOLT.....	1	
	AN960-716	• Ⓢ WASHER.....	AR	
	AN310-7	• Ⓢ NUT.....	1	
	AN380-3-3	• Ⓢ PIN, COTTER.....	1	
- 8	540005-3	• LINK ASSY, SHOCK.....	1	*V
	540012-1	• LINK ASSY.....	1	*III
	530020	• • FILLER.....	1	*III
	540015	• LINK ASSY, SHOCK.....	1	*VII
- 9	914007-5	• Ⓢ BUSHING.....	1	
	914004	• Ⓢ BOLT.....	1	
	AN365-918	• Ⓢ NUT.....	1	
- 10	3CRE-714	• • DISC, SHOCK.....	4	*V
	530021	• • DISC, SHOCK.....	3	*VI
- 11	510021	• • SPACER.....	3	*V
- 12	510022	• • SPACER.....	1	*V
	530023-1	• • SPACER ASSY.....	1	*VI
	510008	• • PAD, SHOCK.....	1	*V
- 13	510027-7	• • COLLAR.....	1	
	AN5-16A	• Ⓢ BOLT.....	1	
	AN960-516	• Ⓢ WASHER.....	1	
	AN365-524	• Ⓢ NUT.....	1	

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FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
23- 14	530003-7	. LINK, RETRACTING.....	1	CEF
- 15	914020-21	. 2 BUSHING.....	1	
	AN6-15A	. 2 BOLT.....	1	
	AN960-616	. 2 WASHER.....	1	
	AN960-816	. 2 WASHER.....	1	
	AN960-816L	. 2 WASHER.....	1	
	AN365-624	. 2 NUT.....	1	
- 16	540002-503	. TRUSS ASSY, RETRACTING.....	1	CE
	540002-501	. TRUSS ASSY.....	1	D
	540002-505	. TRUSS ASSY, RETRACTING.....	1	F
- 17	914020-17	. 2 BUSHING.....	1	CEF
	AN6-13A	. 2 BOLT.....	1	CEF
	AN960-616L	. 2 WASHER.....	2	CEF
	AN365-624	. 2 NUT.....	1	CEF
- 18	40-33	. WHEEL ASSY, NOSE.....	1	*VIII
	40-87	. WHEEL ASSY, NOSE.....	1	*IX
- 19	530005	. 2 SPACER, SPINDLE.....	1	
	AN7502-20	. 2 NUT.....	1	
	AN380-4-8	. 2 PIN, COTTER.....	1	
- 20	5.00X5	. TIRE, TYPE III, 4 PLY.....	1	CDE
	5.00X5	. TIRE, TYPE III, 6 PLY.....	1	F
	5.00X5	. TUBE, INNER, NI.....	1	
- 21	53C028-501	. SHOCK ASSY.....	1	
	53C027-50	. . . SHOCK ABSORBER.....	1	
- 22	530029	. . . 2 BEARING.....	2	
- 23	AN565-EC1032-H3	. . . 2 SCREW, SET.....	2	
*I- 2807C-3184C, 470E-831E				
*II- 252D & ON				
*III- 3185C-3269C, 832E-926E				
*IV- 3270C & ON, 927E & ON				
*V- 2807C-3184C, 252D & ON, 470E-831E				
*VI- 3185C & ON, 832E & ON, 670001F & ON				
*VII- 3270C & ON, 927E & ON, 670001F & ON				
*VIII- 3185C-3269C, 252D & ON, 832E-926E				
*IX- 2807C-3184C, 3270C & ON, 470E-831E, 927E & ON, 670001F & ON				

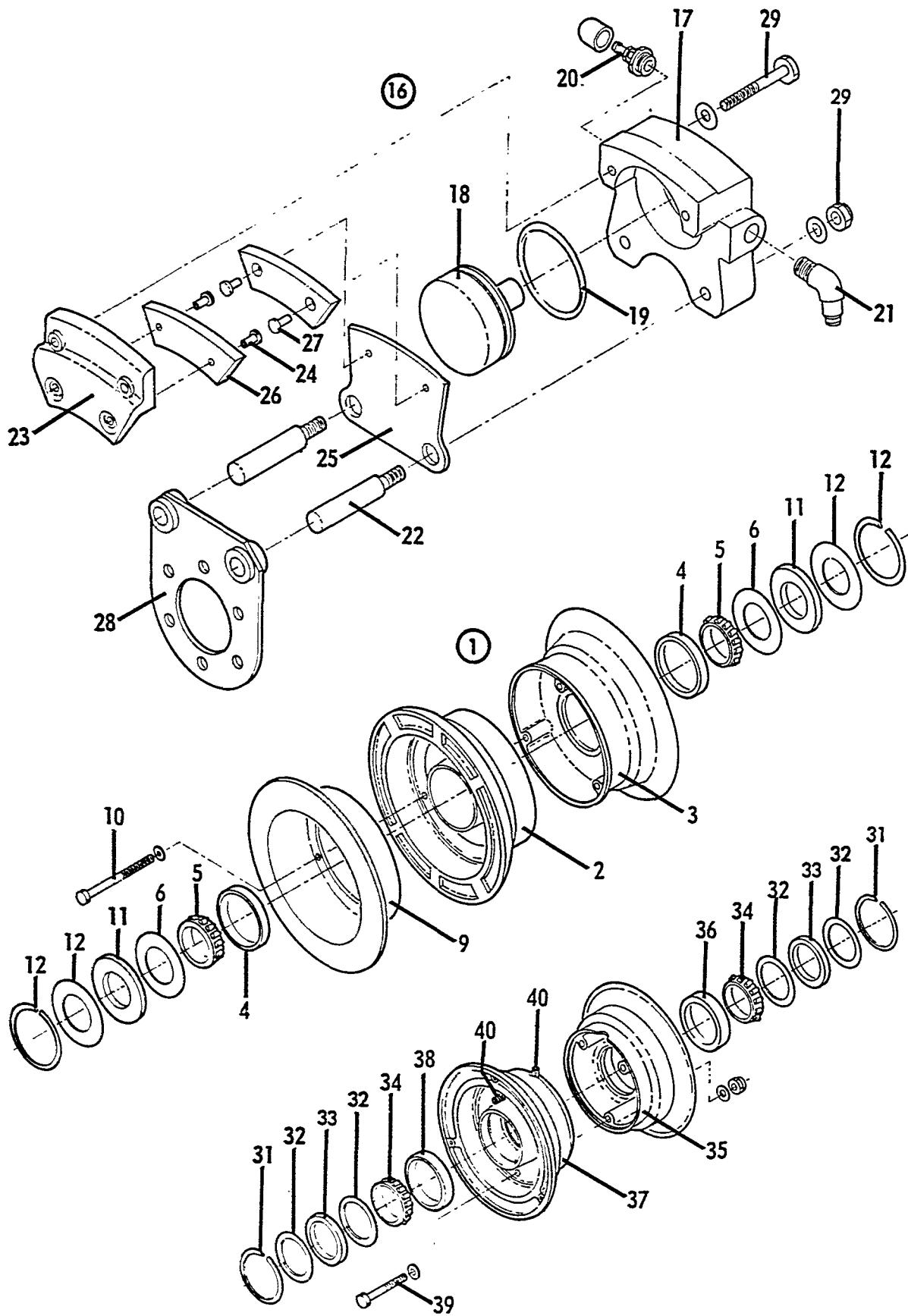


FIGURE 24. Wheel & Brake Assemblies

MOONEY**M20 SERIES****PARTS CATALOG**

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC. .
24- 1	40-24	WHEEL ASSY, MAIN GEAR.....	1	*I
	40-86	WHEEL ASSY, MAIN GEAR.....	1	*II
- 2	162-10	• WHEEL, OUTER HALF.....	1	*I
	162-27	• WHEEL, OUTER HALF.....	1	*II
- 3	151-1	• WHEEL, INNER HALF.....	1	*I
	161-30	• WHEEL, INNER HALF.....	1	*II
- 4	13836	• • CUP, BEARING.....	2	
- 5	13889	• • CONE, BEARING.....	2	
- 6	B39094	• • RING, GREASE SEAL.....	1	*I
	153-4	• • RING, GREASE SEAL.....	1	*II
- 7	158-2	• • CAP, HUB, NI.....	1	*I
- 8	8-32X1/2	• • @ SCREW, CAP, NI.....	3	*I
	1208	• • @ WASHER, LOCK, NI.....	3	*I
- 9	164-1	• DISK, BRAKE ASSY.....	1	*I
	164-20	• DISK, BRAKE ASSY.....	1	*II
- 10	AN4-40A	• @ BOLT.....	3	*I
	AN5-35A	• @ BOLT.....	3	*II
	AN960-416	• @ WASHER.....	3	*I
	AN960-516	• @ WASHER.....	3	*II
	AN365-428	• @ NUT.....	3	*I
	AN365-524	• @ NUT.....	3	*II
- 11	39091	• FELT, GREASE SEAL.....	1	*I
	3021	• FELT, GREASE SEAL.....	1	*II
- 12	156-1	• PLATE, GREASE SEAL.....	1	*I
	3022	• PLATE, GREASE SEAL.....	1	*II
	3023	• • RING, SNAP, NI.....	1	*II
- 13	8-32X1/2	• @ SCREW, NI.....	3	*I
	1208	• @ WASHER, LOCK, NI.....	3	*I
- 14	27-121	• SHIELD, DUST, NI.....	1	*I
- 15	10-24X1/2	• @ SCREW, NI.....	1	*I
	1220	• @ WASHER, LOCK, NI.....	1	*I
- 16	30-5	BRAKE CYLINDER ASSY.....	1	*I
	30-56A	BRAKE CYLINDER ASSY.....	1	*II
- 17	91-2	• CYLINDER, BRAKE.....	1	*I
	91-22	• CYLINDER, BRAKE.....	1	*II
- 18	61-2	• PISTON.....	1	*I
	62-16	• PISTON.....	1	*II
- 19	AN6227-29	• O-RING.....	1	*I
	AN6230-2	• O-RING.....	1	*II
- 20	37-206	• SEAT, BLEEDER.....	1	
	FC6446	• @ SCREW.....	1	
	183-1	• @ CAP.....	1	
- 21	AN823-4D	• FITTING, TUBE.....	1	
- 22	3013	• BOLT, ANCHOR.....	2	*I
	69-4	• BOLT, ANCHOR.....	2	*II
	AN960-616L	• WASHER.....	2	*I
	AN960-416L	• WASHER.....	2	*II
	AN364-624	• NUT.....	2	*I
	AN365-428	• NUT.....	2	*II
- 23	74-1	• PLATE, BACKING.....	1	*I
	74-10	• PLATE, BACKING.....	1	*II
	64-3	• PLATE.....	1	*I
	64-15	• PLATE.....	1	*II
	35-204	• LINING.....	1	*I
	66-30	• LINING.....	1	*II
- 24	#561	• RIVET.....	3	*I
	#561	• RIVET.....	2	*II



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
24- 25	73-1	• PLATE ASSY, PRESSURE.....	1	*I
	73-11	• PLATE ASSY, PRESSURE.....	1	*II
	23-203	• . PLATE, PRESSURE.....	1	*I
	63-12	• . PLATE, PRESSURE.....	1	*II
- 26	35-204	• . LINING.....	2	*I
	66-30	• . LINING.....	2	*II
- 27	561	• . 2 RIVIT.....	6	
- 28	B3014	• PLATE ASSY, TORQUE.....	1	*I
	7516	• PLATE ASSY, TORQUE.....	1	*II
	65-1	• . TORQUE PLATE		
- 29	AN4-6A	• . 2 BOLT.....	4	
	AN960-416	• . 2 WASHER.....	4	
- 30	40-33	NOSE WHEEL ASSY.....	1	*I
	40-87	NOSE WHEEL ASSY.....	1	*II
- 31	155-2	• RING, SNAP.....	2	
- 32	153-1	• RING, GREASE SEAL.....	4	
- 33	154-1	• FELT, GREASE SEAL.....	2	
- 34	08125	• CONE, BEARING.....	2	
- 35	161-15	• WHEEL ASSY, INNER HALF.....	1	*I
	161-31	• WHEEL ASSY, INNER HALF.....	1	*II
	151-14	• . WHEEL, HALF.....	1	*I
	151-27	• . WHEEL, HALF.....	1	*II
- 36	08321	• . CUP, BEARING.....	1	
- 37	162-14	• WHEEL ASSY, OUTER HALF.....	1	*I
	162-28	• WHEEL ASSY, OUTER HALF.....	1	*II
	152-12	• . WHEEL, HALF.....	1	*I
	152-25	• . WHEEL, HALF.....	1	*II
- 38	08231	• . CUP, BEARING.....	1	
- 39	AN4-31A	• . 2 BOLT.....	3	*I
	AN4-22A	• . 2 BOLT.....	3	*II
	AN960-416	• . 2 WASHER.....	6	
	AN365-428	• . 2 NUT.....	3	
- 40	217-1	• GROMET.....	1	*II
	TR-67	• VALVE.....	1	*II
	TR-67	• VALVE.....	1	*II

*I- 2807C-3466C, 252D & ON, 470E-1308E

*II- 670001C & ON, 670001E & ON, 670001F & ON

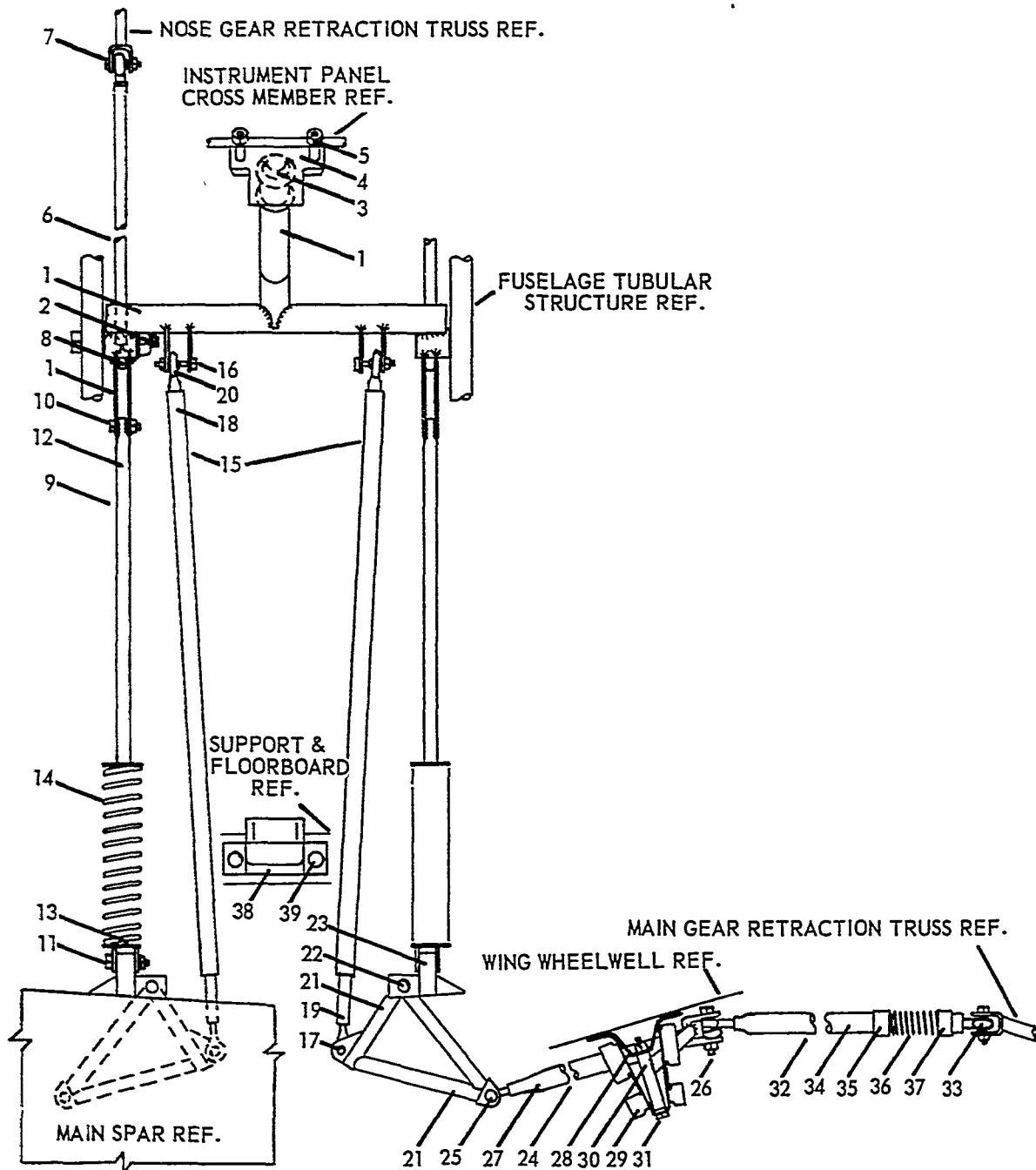


FIGURE 25. Gear Retraction System

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FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
25- 1	560011	LEVER ASSY, RETRACTION.....	1	CEF
- 2	AN4-22A	② BOLT.....	2	CEF
	914020-115	② BUSHING.....	2	CEF
	AN960-416	② WASHER.....	2	CCF
	AN365-428	② NUT.....	2	CEF
- 3	560005	HANDLE.....	1	CE
	560005-501	HANDLE.....	1	F
	560005-2	• ROD, HANDLE.....	1	CEF
	560005-1	• TUBE, HANDLE.....	1	CEF
	560004	• PLUG.....	1	CEF
	913023	• WASHER.....	2	CE
	913023	• WASHER.....	1	F
- 4	560050	BRACKET.....	1	CEF
	560046-501	LOCK.....	1	CEF
- 5	AN3-26A	② BOLT.....	2	CEF
	AN363-1032	② NUT.....	2	CEF
	AN960-10	② WASHER.....	2	CEF
- 6	560044	TUBE ASSY, NOSE GEAR LINK.....	2	CEF
	560044-1	• TUBE.....	1	CEF
	914028-9	• BEARING, ROD END.....	1	CEF
	M34-14	• NUT.....	1	CEF
	AN316-4R	• BEARING, ROD END.....	1	CEF
	914012-1	• BEARING, ADJUSTMENT.....	2	CEF
- 7	914008	② WASHER.....	2	CEF
	913025	② BOLT.....	1	CEF
	AN3-10A	② NUT.....	1	CEF
	AN363-1032	② WASHER.....	1	CEF
	AN960-10L	② BOLT.....	1	CEF
- 8	AN3-10A	② NUT.....	1	CEF
	AN363-1032	BUNGEE ASSY.....	2	CE
- 9	560008-3	BUNGEE ASSY.....	1	F
	560138-1	② BUSHING.....	1	CEF
- 10	914020-1	② BOLT.....	1	CEF
	AN3-10A	② WASHER.....	1	CEF
	AN960-10	② NUT.....	1	CEF
	AN363-1032	② BOLT.....	1	CEF
- 11	AN3-13	② NUT.....	1	CEF
	AN310-3	② WASHER.....	1	CEF
	AN960-10	② PIN, COTTER.....	1	CEF
	AN380-2-2	• CYLINDER, BUNGEE, FRONT.....	2	CE
- 12	560039	• CYLINDER, BUNGEE, FRONT.....	2	F
	560117	• CYLINDER, BUNGEE, REAR.....	2	CEF
- 13	560009	• SPRING.....	2	Ct
- 14	916002	TUBE ASSY.....	2	F
- 15	915019	TUBE ASSY.....	2	CEF
	560116	② BOLT.....	1	CEF
- 16	AN3-13A	② WASHER.....	1	CCF
	AN960-10	② NUT.....	1	CEF
	AN363-1032	② BOLT.....	1	CEF
- 17	AN3-7A	② NUT.....	1	CEF
	AN363-1032	② TUBE.....	1	CE
- 18	915024	② TUBE.....	1	F
	560116-3	• TUBE.....	1	CEF
- 19	914009-9	• TUBE.....	1	CEF
	M34-14	• BEARING.....	1	CEF
	AN316-4R	• BEARING.....	1	CEF
- 20	F31-14	• BEARING.....	1	CEF



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
25- 20	RPA-52-028-125-			
	0.525	• PIN.....	4	CEF
- 21	560003-3	BELLCRANK, RETRACTING, LH.....	1	CEF
	560003-4	BELLCRANK, RETRACTING, RH.....	1	CEF
- 22	AN4-11A	• BOLT.....	1	CEF
	AN960-416	• WASHER.....	1	CEF
- 23	560018-9	BLOCK, LH.....	1	CEF
	560018-10	BLOCK, RH.....	1	CEF
- 24	915020	TUBE ASSY.....	2	CEF
- 25	AN3-7A	• BOLT.....	1	CEF
	AN363-1032	• NUT.....	1	CEF
- 26	AN3-13A	• BOLT.....	1	CEF
	AN960-10	• WASHER.....	1	CEF
	AN363-1032	• NUT.....	1	CEF
- 27	915022-9	• TUBE.....	1	CEF
	F31-14	• BEARING, ROD END.....	2	CEF
- 28	560022-7	BRACKET, LH.....	1	CEF
	560022-8	BRACKET, RH.....	1	CEF
- 29	560023-7	BRACKET, LH.....	1	CEF
	560023-8	BRACKET, RH.....	1	CEF
- 30	560031	BEAM, WALKING.....	2	CEF
- 31	914020-9	• BUSHING.....	1	CEF
	914005	• BOLT.....	1	CEF
	AN960-10	• WASHER.....	AR	CEF
	AN363-1032	• NUT.....	1	CEF
- 32	560034	TUBE ASSY.....	2	CEF
- 33	AN3-7A	• BOLT.....	1	CEF
	AN363-1032	• NUT.....	1	CEF
- 34	915021	• TUBE.....	1	CEF
	914012-17	• BEARING, ROD END.....	2	CEF
- 35	560038	• COLLAR.....	1	CEF
	AN393-27	• PIN.....	1	CEF
	AN960-10	• WASHER.....	1	CEF
	AN380-2-2	• PIN, COTTER.....	1	CEF
- 36	916005	• SPRING.....	1	CEF
- 37	560041	• STOP.....	1	CEF
	560040	• TUBE, INNER.....	1	CEF
	RP-A52-040-			
	187-0625	• • PIN.....	1	CEF
- 38	560007	UPLOCK.....	1	CEF
- 39	AN3-11A	• BOLT.....	2	CEF
	AN363-1032	• NUT.....	2	CEF
	AN970-3	• WASHER.....	2	CEF

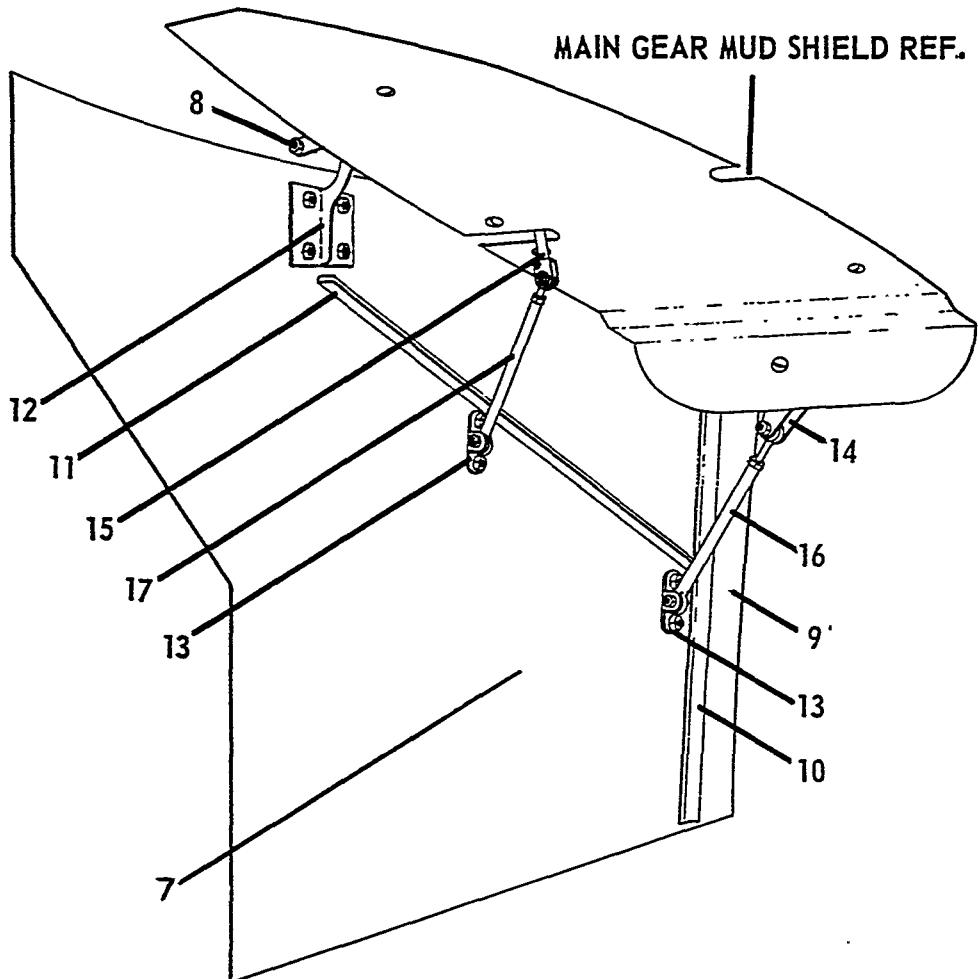
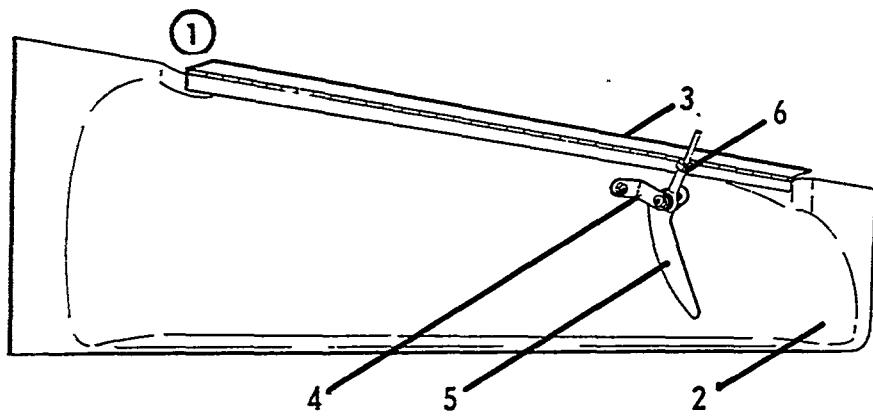


FIGURE 26. Landing Gear Door Assemblies

MOONEY**M20 SERIES****PARTS CATALOG**

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
26- 1	550032-3	DOOR ASSY, NOSE GEAR, LH.....	1	CEF
	550032-5	DOOR ASSY, NOSE GEAR, RH.....	1	CEF
	AN530-4R8	2 SCREW.....	9	CEF
	A1890-4Z-1	2 SPEED NUT.....	9	CEF
- 2	550055-503	. SKIN DOOR, LH	1	CEF
	550055-504	. SKIN DOOR, RH	1	CEF
- 3	550032-7	. HINGE ASSY, LH.....	1	CEF
	550032-8	. HINGE ASSY, RH.....	1	CEF
- 4	550033	. CLIP, LH.....	1	CEF
	550034	. CLIP, RH.....	1	CEF
	AN526-10R8	. 2 SCREW.....	1	CEF
	AN960-10	. 2 WASHER.....	1	CEF
	AN365-1032	. 2 NUT.....	1	CEF
- 5	550030	. BRACKET, LH.....	1	CEF
	550031	. BRACKET, RH.....	1	CEF
- 6	F34-14	. BEARING, UPPER, NI.....	2	CEF
	AN23-17A	. 2 BOLT.....	2	CEF
	AN363-1032	. 2 NUT.....	2	CEF
	550025-501	. LINK, CONTROL.....	2	CEF
	AN316-4R	. 2 NUT.....	3	CEF
	F34-14N	. BEARING, LOWER.....	2	CEF
	AN23-21A	. 2 BOLT.....	2	CEF
	550017-5	. 2 SPACER.....	8	CEF
	AN960-10	. 2 WASHER.....	2	CEF
- 7	550003-1	DOOR ASSY, MAIN GEAR, LH.....	1	CEF
	550003-2	DOOR ASSY, MAIN GEAR, RH.....	1	CEF
- 8	AN4-7A	2 BOLT.....	2	CEF
	AN960-416	2 WASHER.....	2	CEF
	AN365-428	2 NUT.....	2	CEF
- 9	550003-7	. DOOR, LH.....	1	CEF
	550003-8	. DOOR, RH.....	1	CEF
- 10	550011-1	. STIFFENER, LH.....	1	CEF
	550011-2	. STIFFENER, RH.....	1	CEF
- 11	550012-3	. STIFFENER, LH.....	1	CEF
	550012-4	. STIFFENER, RH.....	1	CEF
	550003-9	. SHIM.....	2	CEF
- 12	550001-1	PLATE ASSY, HINGE.....	2	CEF
	AN23-8A	2 BOLT.....	4	CEF
	AN960-10	2 WASHER.....	4	CEF
	AN363-1032	2 NUT.....	4	CEF
- 13	550010	BRACKET ASSY.....	2	CEF
	AN23-8A	2 BOLT.....	2	CEF
	AN960-10	2 WASHER.....	2	CEF
	AN363-1032	2 NUT.....	2	CEF
- 14	550015-3	SUPPORT, LH.....	1	CEF
	550015-4	SUPPORT, RH.....	1	CEF
	550015-5	SUPPORT, LH, NI.....	2	CEF
	AN4-6A	2 BOLT.....	2	CEF
	AN365-428	2 NUT.....	2	CEF
- 15	550015-1	SUPPORT, LH.....	1	CEF
	AN4-6A	2 BOLT.....	1	CEF
	AN365-428	2 NUT.....	1	CEF
- 16	550008	LINK ASSY, FRONT.....	1	CEF
	AN3-13A	2 BOLT, UPPER.....	1	CEF
	AN960-10	2 WASHER.....	1	CEF
	AN363-1032	2 NUT.....	1	CEF
	AN3-12A	2 BOLT, LOWER.....	1	CEF



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
26- 16	AN960-10	2 WASHER.....	1	CEF
	AN363-1032	2 NUT.....	1	CEF
	550008-1	• TUBE.....	1	CEF
	914028-1	• TUBE.....	1	CEF
	914012-3	• BEARING, ROD END.....	1	CEF
	M34-14	• BEARING, ROD END.....	1	CEF
	AN316-4R	• NUT.....	1	CEF
- 17	550009	LINK ASSY, REAR.....	1	CEF
	AN3-12A	2 BOLT, UPPER.....	1	CEF
	AN960-10	2 WASHER.....	1	CEF
	AN363-1032	2 NUT.....	1	CEF
	AN3-12A	2 BOLT, LOWER.....	1	CEF
	AN960-10	2 WASHER.....	1	CEF
	AN363-1032	2 NUT.....	1	CEF
	550009-1	• TUBE.....	1	CEF
	914028-13	• TUBE.....	1	CEF
	914012-3	• BEARING, ROD END.....	1	CEF
	AN316-4R	• NUT.....	1	CEF

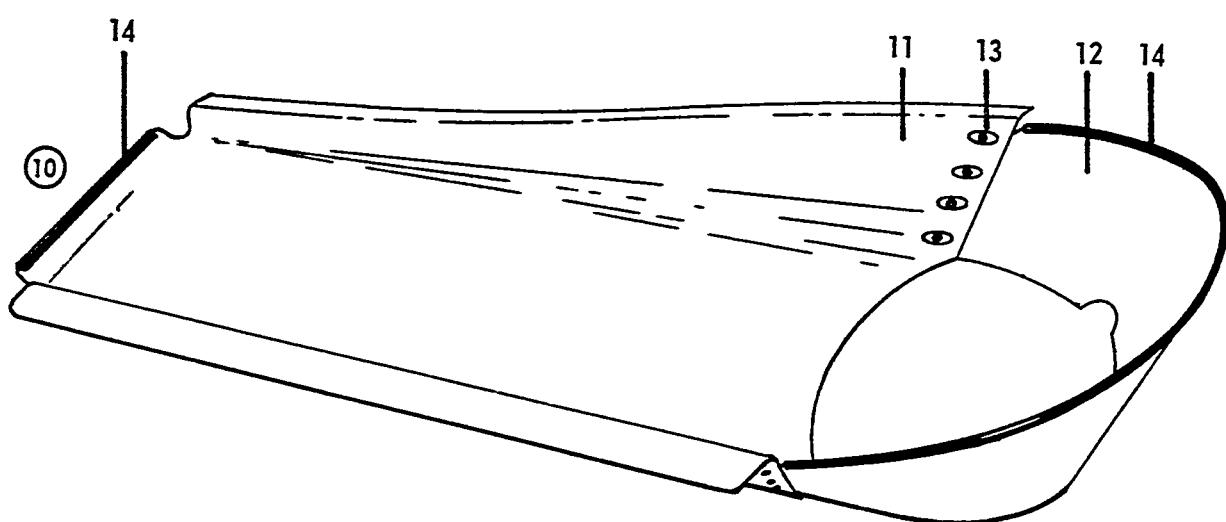
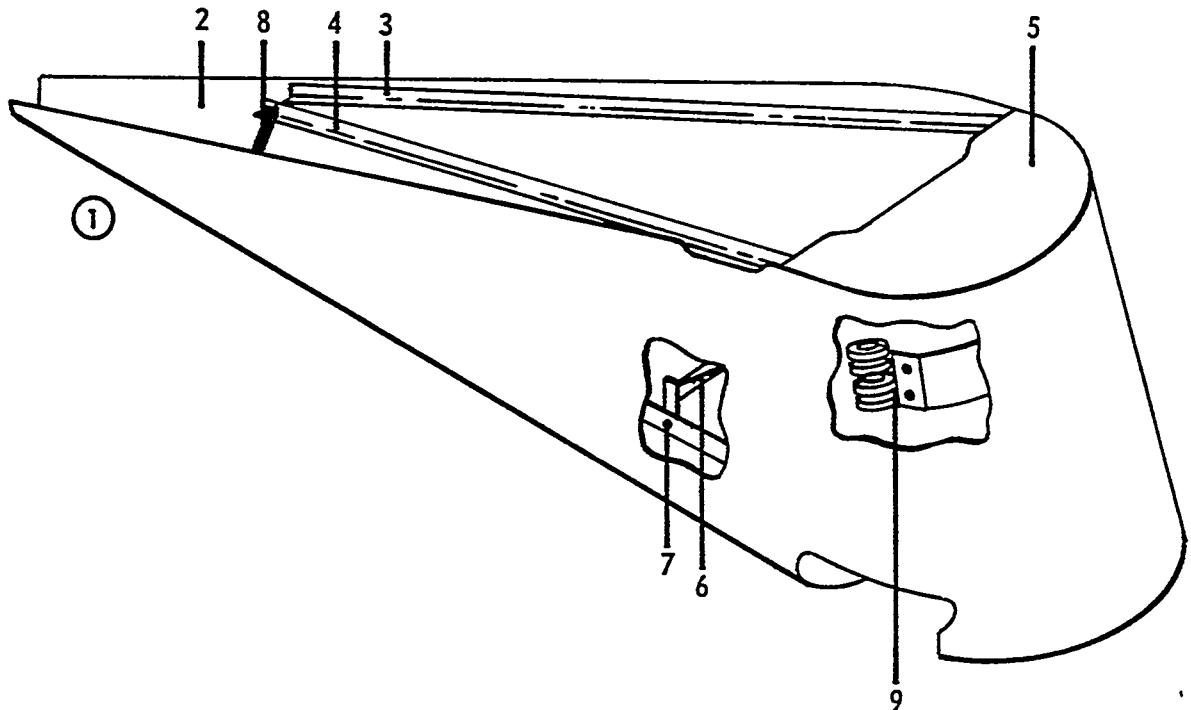


FIGURE 27. Landing Gear Fairing Assemblies

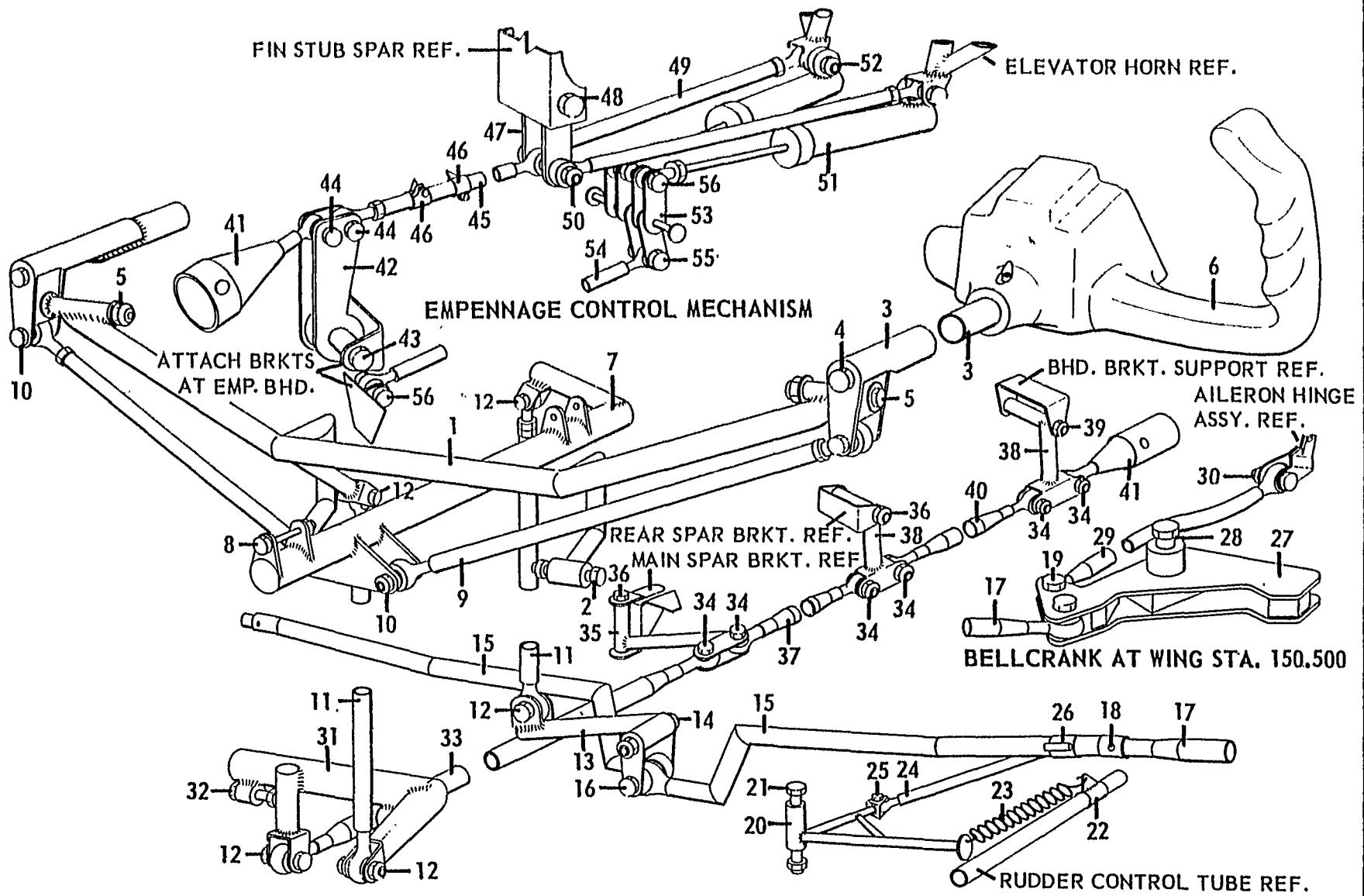
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M20 SERIES

PARTS CATALOG

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
27- 1	540006-1	FAIRING ASSY, NOSE GEAR.....	1	D
- 2	540006-17	@ EXISTING HWD AT NOSE GEAR ASSY	1	D
	540006-7	• FAIRING.....	1	D
- 3	540006-11	• • STIFFENER.....	2	D
- 4	540006-9	• • STIFFENER, LH.....	1	D
	540006-10	• • STIFFENER, RH.....	1	D
	AN366-F832	• • NUT PLATE.....	4	D
	AN526-832R6	• • SCREW.....	4	D
	AN960-8L	• • WASHER.....	4	D
	AN3-3A	• • BOLT.....	1	D
	AN960-10L	• • WASHER.....	1	D
	AN365-1032	• • NUT.....	1	D
- 5	540006-3	• FORMER, TOP.....	1	D
	540006-5	• FORMER, BOTTOM.....	1	D
- 6	540006-23	• BRACKET ASSY.....	1	D
	540006-27	• • ANGLE, ATTACH.....	1	D
	540006-25	• • CLIP, LH.....	1	D
	540006-26	• • CLIP, RH.....	1	D
	NA17A-02	• • NUT PLATE.....	2	D
- 7	AN526-1032R6	• @ SCREW.....	2	D
	AN960-10L	• @ WASHER.....	2	D
- 8	540006-15	• BRACKET ASSY.....	1	D
	AN526-832R6	• @ SCREW.....	2	D
	AN960-8L	• @ WASHER.....	3	D
	AN365-832	• @ NUT.....	1	D
	540006-19	• • BRACKET.....	1	D
	22NA27-22-82	• • NUT, ANCHOR.....	1	D
- 9	540006-21	• BRACKET ASSY.....	1	D
	AN526-1032R6	• @ SCREW.....	4	D
	AN960-10L	• @ WASHER.....	4	D
	540006-13	• • BRACKET.....	1	D
	AN366-F1032	• • NUT PLATE.....	4	D
	MS1919G14	• • CLAMP.....	4	D
	AN526-1032R6	• • @ SCREW.....	4	D
	AN365-1032	• • @ NUT.....	4	D
	AN960-10L	• • @ WASHER.....	AR	D
- 10	520008-1	FAIRING ASSY, LH.....	1	D
	520008-2	FAIRING ASSY, RH.....	1	D
	AN526-1032R8	@ SCREW.....	13	D
	AN365-1032	@ NUT.....	6	D
	AN960-10L	@ WASHER.....	6	D
	AN365-1032	@ NUT /DB ATTACH ONLY/.....	5	D
- 11	520008-3	• FAIRING, LH.....	1	D
	520008-4	• FAIRING, RH.....	1	D
- 12	520008-5	• FAIRING, LH.....	1	D
	520008-6	• FAIRING, RH.....	1	D
- 13	22NA17A-02	• NUT PLATE.....	8	D
	AN526-1032R8	• SCREW.....	8	D
- 14	X200	• EXTRUSION, RUBBER.....	AR	D



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FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
28- 1	710006	YOLK ASSY.....	1	
- 2	914020-14	② BUSHING.....	2	
	AN4-11A	② BOLT.....	2	
	AN960-416	② WASHER.....	2	
	AN365-428	② NUT.....	2	
- 3	720005-1	SHAFT ASSY, LH.....	1	
	720005-2	SHAFT ASSY, RH.....	1	
	AN515-6R8	② SCREW, NI.....	3	
	AN960-6	② WASHER, NI.....	3	
	AN363-632	② NUT, NI.....	3	
	710001	. BALL, NI.....	2	
	#0411225	. SOCKET, NI.....	2	
	710013-3	. SOCKET, NI.....	2	
- 4	914020-4	② BUSHING.....	2	
	AN3-13A	② BOLT.....	2	
	AN363-1032	② NUT.....	2	
- 5	710002-501	CONTROL, UNIVERSAL, NI.....	2	
	914020-22	② BUSHING.....	2	
	913028	② WASHER.....	2	
	AN4-27A	② BOLT.....	2	
	AN960-416L	② WASHER.....	2	
	AN365-428	② NUT.....	2	
- 6	917009-1	WHEEL, CONTROL, LH.....	1	*I
	917010-1	WHEEL, CONTROL, LH.....	1	*I
	917009-5	WHEEL, CONTROL, LH.....	1	*II
	917010-5	WHEEL, CONTROL, LH.....	1	*III
	917010-501	WHEEL, CONTROL, LH.....	1	*IV
	917010-503	WHEEL, CONTROL, LH.....	1	*V
	917009-5	WHEEL, CONTROL, RH.....	1	*V
	917010-5	WHEEL, CONTROL, RH.....	1	*VI
	917010-503	WHEEL, CONTROL, RH.....	1	CEF
	AN386-1-10A	② PIN.....	1	D
	AN386-1-9A	② PIN.....	1	
	AN565-D416-H4	② SCREW, SET.....	1	
	AN3-14A	② BOLT.....	1	
	AN960-10L	② WASHER.....	2	
	AN363-1032	② NUT.....	1	
- 7	710007	SHAFT ASSY, JACK.....	1	
- 8	B-47	② BEARING.....	4	
	914020-4	② BUSHING.....	2	
	AN3-13A	② BOLT.....	2	
	AN363-1032	② NUT.....	2	
- 9	915001	TUBE ASSY.....	2	
	915001-1	. TUBE.....	2	
	914012-3	. BEARING, ROD END.....	2	
	M34-14	. BEARING, ROD END.....	2	
	AN316-4R	. NUT.....	2	
- 10	AN3-14A	② BOLT.....	4	
	AN960-10	② WASHER.....	4	
	AN363-1032	② NUT.....	4	
- 11	915000	TUBE ASSY.....	2	CDE
	915033	TUBE ASSY.....	2	F
	915000-1	. TUBE.....	2	CDE
	915033-505	. TUBE.....	2	F
	914012-4	. BEARING, ROD END.....	2	
	M34-14	. BEARING, ROD END.....	2	
	AN316-4R	. NUT.....	2	



M20 SERIES PARTS CATALOG

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
28- 12	AN3-7A	2 BOLT.....	4	
	AN363-1032	2 NUT.....	4	
- 13	730000	BELLCRANK ASSY.....	1	CDE
	730019	BELLCRANK ASSY.....	1	F
- 14	914020-5	2 BUSHING.....	1	
	AN3-16A	2 BOLT.....	1	
	AN960-10	2 WASHER.....	2	
	AN363-1032	2 NUT.....	1	
- 15	730005	LINK ASSY, LH.....	1	
	730006	LINK ASSY, RH.....	1	
- 16	913029	2 SPACER.....	1	
	AN3-13A	2 BOLT.....	1	
	AN363-1032	2 NUT.....	1	
- 17	915017	TUBE ASSY.....	2	
	915016	• TUBE.....	1	
	914009-9	• TUBE.....	1	
	RP-A52-028-125			
	0687	• PIN.....	2	
	M34-14	• BEARING, ROD END.....	1	
	AN316-4R	• NUT.....	2	
- 18	AN3-10	2 BOLT.....	1	
	AN310-3	2 NUT.....	1	
	AN960-10	2 WASHER.....	2	
	AN380-2-2	2 PIN, COTTER.....	1	
- 19	AN3-11A	2 BOLT.....	2	
	AN960-10L	2 WASHER.....	1	
	AN960-10	2 WASHER.....	1	
	AN363-1032	2 NUT.....	1	
- 20	110002-5	BELLCRANK ASSY, INTERCONNECT.....	1	
- 21	110002-23	2 SPACER.....	1	
	914020-29	2 BUSHING.....	1	
	AN4-41A	2 BOLT.....	1	
	AN960-416	2 WASHER.....	5	
	AN365-428	2 NUT.....	1	
	110002-17	BRACKET, NI.....	1	
	110002-19	BLOCK, NI.....	1	
	AN509-10R	2 SCREW.....	1	
	AN3-5A	2 BOLT.....	1	
	AN960-10	2 WASHER.....	2	
	AN365-1032	2 NUT.....	2	
- 22	110002-25	BRACKET ASSY.....	1	
	110002-27	BRACKET ASSY, NI.....	1	
	AN530-4R6	2 SCREW.....	1	
	AN3-6A	2 BOLT.....	1	
	AN960-10	2 WASHER.....	1	
	AN365-1032	2 NUT.....	1	
- 23	110003-7	SPRING.....	1	CEF
	110010-3	SPRING.....	1	D
- 24	110002-3	TUBE ASSY.....	1	
	110002-7	• TUBE.....	1	
	914012-8	• BEARING, ROD END.....	2	
- 25	AN3-10A	2 BOLT.....	2	
	AN960-10	2 WASHER.....	2	
	AN365-1032	2 NUT.....	2	
- 26	110002-101	BRACKET ASSY.....	1	
	AN3-6A	2 BOLT.....	1	
	AN960-10	2 WASHER.....	1	

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M20 SERIES

PARTS CATALOG

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
28- 26	AN365-1032 #4X3/8	2 NUT..... 2 SCREW.....	1 1	
- 27	730008-501 730023-1	BELLCRANK ASSY..... BELLCRANK ASSY.....	2 2	*VII *III
- 28	914020-27 AN4-25A AN960-416L AN960-516L AN960-4 AN363-428	2 BUSHING..... 2 BOLT..... 2 WASHER..... 2 WASHER..... 2 WASHER..... 2 NUT.....	1 1 1 1 1 1	
- 29	915012 915011 914009-9 RP-A52-028-125- 0687 M34-14 AN316-4R F44-14S	TUBE ASSY..... • TUBE..... • TUBE..... • 2 PIN..... • BEARING, ROD END..... • NUT..... • BEARING, ROD END.....	1 1 1 2	
- 30	AN4-11 AN4-10 AN960-416L AN310-4 AN381-2-2	2 BOLT..... 2 BOLT..... 2 WASHER..... 2 NUT..... 2 PIN, COTTER.....	1 1 1 1 1	CEF D CEF
- 31	710008	SHAFT ASSY, JACK.....	1	
- 32	914020-1 AN3-7A AN363-1032	2 BUSHING..... 2 BOLT..... 2 NUT.....	2 2 2	
- 33	915014 914022-14 F31-14 RP-A52-028-125- 0687	TUBE ASSY..... • TUBE..... • BEARING, ROD END..... • 2 PIN.....	1 1 2	
- 34	AN3-10A AN960-10L AN363-1032	2 BOLT..... 2 WASHER..... 2 NUT.....	1 2 1	
- 35	913040	BELLCRANK ASSY.....	1	
- 36	914020-9 AN3-24A AN960-10 AN365-1032	2 BUSHING..... 2 BOLT..... 2 WASHER..... 2 NUT.....	1 1 2 1	
- 37	915013-1 915022-11 F31-14 RP-A52-028-125- 0687	TUBE ASSY..... • TUBE..... • BEARING, ROD END..... • 2 PIN.....	1 1 2 2	
- 38	914016 914016	BELLCRANK ASSY..... BELLCRANK ASSY, NI.....	2 1	
- 39	914020-9 AN3-24A AN3-34A AN3-10A AN960-10 AN960-10L AN365-1032	2 BUSHING..... 2 BOLT..... 2 BOLT..... 2 BOLT, NI..... 2 WASHER..... 2 WASHER, NI..... 2 NUT.....	3 2 1 1 4 1 3	CDE F
- 40	915027 915029 915003	TUBE ASSY, NI..... TUBE ASSY, NI..... TUBE ASSY.....	1 1 1	CDE F *VIII



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
28- 40	915027	TUBE ASSY.....	1	*IX
	915028	TUBE ASSY.....	1	F
	915013-1	• TUBE, NI.....	1	CDE
	915029-1	• TUBE, NI.....	1	F
	915003-1	• TUBE.....	1	*VIII
	915027-1	• TUBE.....	1	*IX
	915028-1	• TUBE.....	1	F
	914012-61	• BEARING, ROD END.....	6	
- 41	710022-1	TUBE ASSY.....	1	
	710022-5	• TUBE.....	1	
	710022-3	• PLUG.....	2	
	AN23-30A	• 2 BOLT, CLEVIS.....	2	
	AN960-10	• 2 WASHER.....	2	
	AN364-1032	• 2 NUT.....	2	
	F31-14	• BEARING, ROD END.....	2	
	AN470-AD5	• 2 RIVIT.....	2	
- 42	913030	BELLCRANK ASSY.....	1	
- 43	AN3-24A	2 BOLT.....	1	
	AN960-10	2 WASHER.....	1	
	AN365-1032	2 NUT.....	1	
- 44	AN3-11A	BOLT.....	2	
	AN960-10	WASHER.....	4	
	AN365-1032	NUT.....	2	
- 45	915007	TUBE ASSY.....	1	
	915007-1	• TUBE.....	1	
	RP-A52-028-125-			
	0687	• 2 PIN.....	4	
	M34-14	• BEARING, ROD END.....	1	
	914012-15	• BEARING, ROD END.....	1	
	AN316-4R	• NUT.....	1	
- 46	913041-501	STOP ASSY, FWD.....	1	
	913041-503	STOP ASSY, AFT.....	1	
	AN3-5A	2 BOLT.....	2	
	AN365-1032	2 NUT.....	2	
- 47	913032	BELLCRANK ASSY.....	1	
- 48	AN3-40A	2 BOLT.....	1	
	AN960-10L	2 WASHER.....	6	
	AN960-10L	2 WASHER.....	AR	
	AN960-10	2 WASHER.....	AR	
	AN365-1032	2 NUT.....	1	
- 49	915007-5	TUBE ASSY.....	2	
	915007-11	• TUBE.....	1	
	914014	• TUBE.....	1	
	RP-A52-028-125-			
	0687	• PIN.....	1	
	914012-15	• BEARING, ROD END.....	1	
	M34-14	• BEARING, ROD END.....	1	
	AN316-4R	• NUT.....	1	
- 50	AN3-20A	2 BOLT.....	1	
	AN960-10L	2 WASHER.....	2	
	AN365-1032	2 NUT.....	1	
- 51	740044-1	BUNGEE ASSY, ELEVATOR.....	2	CDE
	740091-501	BUNGEE ASSY, ELEVATOR.....	2	F
	740040	• HOUSING.....	1	CDE
	740090	• HOUSING.....	1	F
	740042	• SHAFT.....	1	CDE
	740100	• SHAFT.....	1	F

MOONEY**M20 SERIES****PARTS CATALOG**

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
28- 51	916007	. SPRING.....	1	
	913027	. WASHER.....	1	
	913026	. WASHER, FLOATING.....	1	CDE
	913026-7	. WASHER, FLOATING.....	1	F
	NAS-50-75	. RING.....	1	CDE
	MS16625-1068	. RING, RETAINING.....	1	F
	AN365-428	. NUT.....	1	
	LS3	. BEARING.....	1	
	F34-14	. BEARING, ROD END.....	1	CDE
	M34-14L	. BEARING, ROD END.....	1	F
	AN316-4R	. NUT.....	1	
- 52	AN3-13A	2 BOLT.....	1	
	AN960-10L	2 WASHER.....	1	
	913022-1	2 WASHER.....	1	
- 53	740036	BELLCRANK ASSY, TRIM ASSIST.....	1	
- 54	915008-1	TUBE ASSY.....	1	
	915008-7	. TUBE.....	1	
	914012-15	. BEARING, ROD END.....	2	
	RP-A52-028-125-0687	. PIN.....	2	
- 55	AN3-11A	2 BOLT.....	1	
	AN960-10L	2 WASHER.....	2	
	AN960-10	2 WASHER.....	2	
	AN365-1032	2 NUT.....	1	
- 56	AN3-10A	2 BOLT.....	1	
	AN960-10	2 WASHER.....	1	
	AN365-1032	2 NUT.....	1	
- 57	210116-8	BRACKET.....	1	
- 58	210117-2	BRACKET.....	1	
- 59	913007	BRACKET	1	

- *I- 2807C-3184C, 470E-831E
- *II- 252D-2590
- *III- 3184C & ON, 831E & ON, 670001F & ON
- *IV- 260D & ON
- *V- 2807C-3184C, 470E-831E, 252D-2590
- *VI- 3184C & ON, 831E & ON, 252D & ON, 670001F & ON
- *VII- 2807C-3184C, 470E-831E, 252D & ON
- *VIII- 2807C-2999C, 252D-256D, 470E-663E
- *IX- 3000C & ON, 257D & ON, 664E & ON

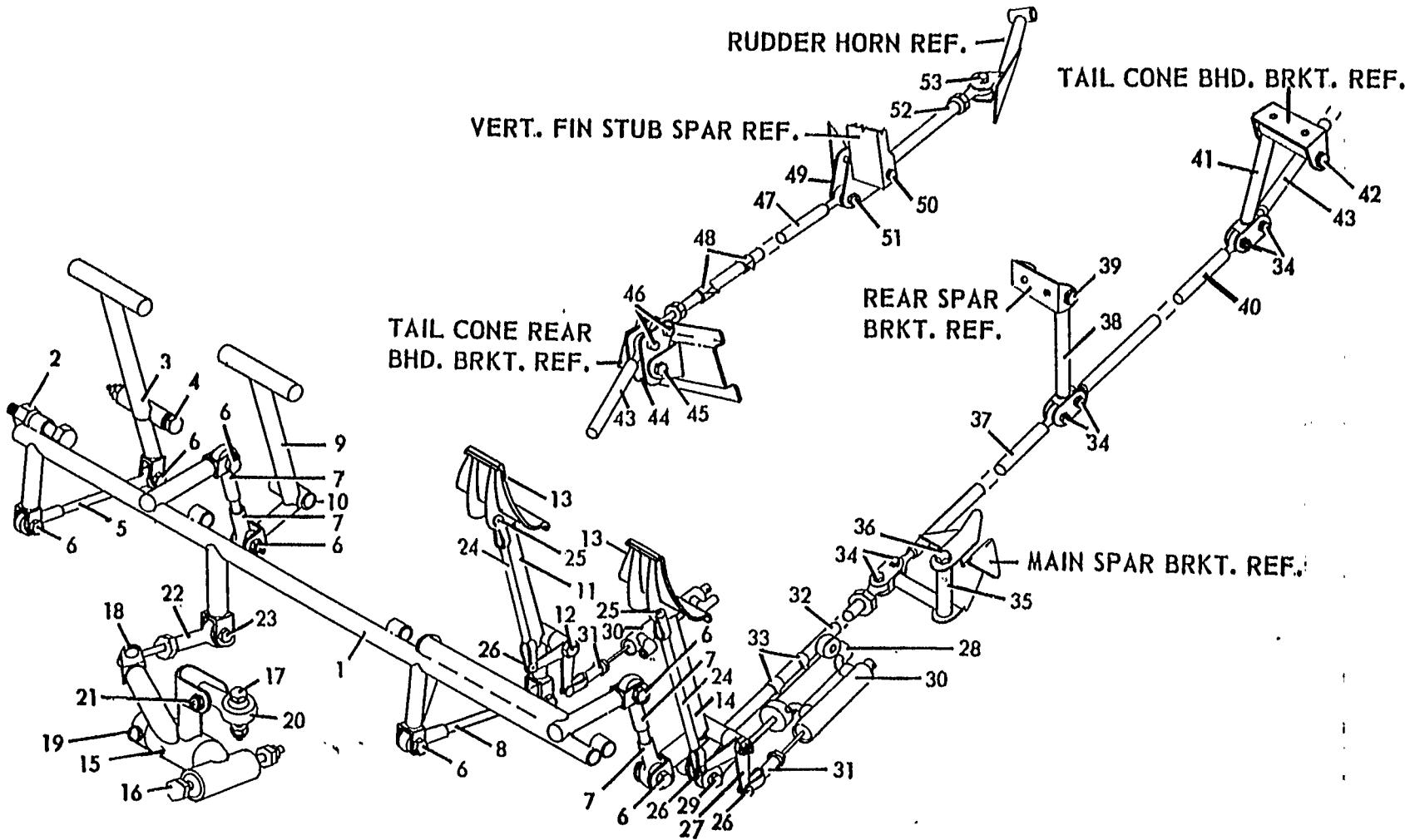


FIGURE 29. Rudder & Nose Wheel Control Systems





FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
29- 18	AN320-3	• 2 NUT.....	1	
	AN380-2-2	• 2 PIN, COTTER.....	1	
- 19	720020-501	• COLLAR.....	1	
	AN23-19A	• 2 BOLT.....	1	
	AN365-1032	• 2 NUT.....	1	
- 20	720014	• BEARING, ROD END.....	1	
- 21	AN23-16	• 2 BOLT.....	1	
	AN960-10	• 2 WASHER.....	1	
	AN310-3	• 2 NUT.....	1	
	AN380-2-2	• 2 PIN, COTTER.....	1	
- 22	F34-14	BEARING.....	1	
	REM3-4-2	BEARING.....	1	
- 23	AN3-10A	• 2 BOLT.....	1	
	AN363-1032	• 2 NUT.....	1	
- 24	915025	ROD ASSY, BRAKE PEDAL.....	2	
- 25	AN393-11	• 2 PIN.....	2	
	AN393-13	• 2 PIN.....	2	
	AN960-10L	• 2 WASHER.....	4	
	AN380-2-2	• 2 PIN, COTTER.....	4	
- 26	AN393-11	• 2 PIN.....	2	
	AN960-10L	• 2 WASHER.....	2	
	AN380-2-2	• 2 PIN, COTTER.....	2	
- 27	720003	CRANK ASSIST, BRAKE.....	2	
- 28	740091-501	BUNGEE ASSY, RUDDER.....	1	
	AN3-6A	• 2 BOLT, NI.....	1	
	013022-1	• 2 WASHER.....	1	
	AN363-1032	• 2 NUT.....	1	
	AN960-10L	• 2 WASHER.....	2	
	740090	• HOUSING.....	1	
	913026-7	• WASHER, FLOATING.....	1	
	913027	• WASHER.....	1	
	740100-501	• SHAFT.....	1	
	914023-3	• BUSHING.....	1	
	M34-14L	• BEARING, ROD END.....	1	
	LS3	• BEARING, ROD END.....	1	
	MS16625-1068	• RING, RETAINING.....	1	
	916007	• SPRING.....	1	
	AN365-428	• NUT.....	1	
	AN316-412	• NUT.....	1	
- 29	AN3-11A	• 2 BOLT.....	1	
	AN960-10	• 2 WASHER.....	2	
	AN363-1032	• 2 NUT.....	1	
- 30	850012-501	CYLINDER ASSY, MASTER BRAKE.....	1	
		• SEE FIG 52 FOR DETAIL PARTS.....	1	
- 31	REB3N	CLEVIS.....	1	
	AN316-4R	• NUT.....	1	
- 32	915015	TUBE ASSY, RUDDER CONTROL.....	1	CDE
	915030	TUBE ASSY, RUDDER CONTROL.....	1	F
	915015-7	• TUBE.....	1	CDE
	914028-8	• TUBE.....	1	CDE
	915035-501	• TUBE.....	1	F
	F31-14	• BEARING, ROD END.....	1	CDE
	F31-14	• BEARING, ROD END.....	2	F
	RP-A52-028-125-0687	• 2 PIN.....	2	CDE
	RP-A52-028-125-0687	• 2 PIN.....	4	F

MOONEY**M20 SERIES****PARTS CATALOG**

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
29- 32	M34-14	• BEARING, ROD END.....	1	CDE
	AN316-4R	• NUT.....	1	CDE
- 33	110002-25	BRACKET ASSY.....	1	
	110002-27	BRACKET ASSY.....	1	
	AN530-4R6	2 SCREW.....	1	
	AN3-6A	2 BOLT.....	1	
	AN960-10	2 WASHER.....	1	
	AN365-1032	2 NUT.....	1	
- 34	AN3-10A	BOLT.....	1	
	AN365-1032	NUT.....	1	
	AN960-10L	WASHER.....	1	
- 35	914016	BELLCRANK ASSY.....	1	
- 36	914020-9	2 BUSHING.....	1	
	AN3-24A	2 BOLT.....	1	CDE
	AN3-34A	2 BOLT.....	1	F
	AN960-10	2 WASHER.....	2	
	AN365-1032	2 NUT.....	1	
- 37	915013-1	TUBE ASSY, CONTROL.....	1	CDE
	915029	TUBE ASSY, CONTROL.....	1	F
	915022-11	• TUBE.....	1	CDE
	915035	• TUBE.....	1	F
	F31014	• BEARING, ROD END.....	1	
	RP-A52-028-125-0687	• PIN.....	4	
- 38	914016	BELLCRANK ASSY.....	1	
- 39	914020-9	2 BUSHING.....	1	
	AN3-3A	2 BOLT.....	1	
	AN960-10	2 WASHER.....	2	
	AN365-1032	2 NUT.....	1	
- 40	915003	TUBE ASSY, CONTROL.....	1	*III
	915027	TUBE ASSY, CONTROL.....	1	*IV
	915028	TUBE ASSY, CONTROL.....	1	F
	915003-1	• TUBE.....	1	*III
	915027-3	• TUBE.....	1	*IV
	915035-503	• TUBE.....	1	F
	914012-61	• BEARING ASSY.....	2	*III
	F31-14	• BEARING.....	2	*V
	RP-A52-028-125-0687	• PIN.....	4	*V
- 41	914016	BELLCRANK ASSY.....	1	
- 42	914020-9	2 BUSHING.....	1	
	AN3-24A	2 BOLT.....	1	CDE
	AN3-34A	2 BOLT.....	1	F
	AN960-10	2 WASHER.....	2	
	AN365-1032	2 NUT.....	1	
- 43	710022	TUBE ASSY.....	1	
	710022-5	• TUBE.....	1	
	710022-3	• PLUG.....	2	
	AN3-11A	2 BOLT.....	2	
	AN960-10	2 WASHER.....	4	
	AN365-1032	2 NUT.....	2	
	F31-14	• BEARING, ROD END.....	2	
	AN470-AD5	2 HUCK RIVET.....	4	
- 44	913030	BELLCRANK ASSY.....	1	
- 45	AN3-24A	2 BOLT.....	1	
	AN960-10	2 WASHER.....	1	
	AN365-1032	2 NUT.....	1	



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
29- 46	AN3-11A	BOLT.....	2	
	AN960-10	WASHER.....	4	
	AN365-1032	NUT.....	2	
- 47	915007-1	TUBE ASSY, EMPENNAGE.....	1	
	914012-15	• BEARING, ROD END.....	1	
	RP-A52-028-125-			
	0687	• 2 PIN.....	1	
	M34-14	• BEARING, ROD END.....	1	
	AN316-4R	• NUT.....	1	
- 48	913041-501	STOP.....	1	
	913041-503	STOP.....	1	
	AN3-5A	2 BOLT.....	2	
	AN365-1032	2 NUT.....	2	
- 49	913032	BELLCRANK ASSY.....	1	
- 50	AN3-40A	2 BOLT.....	1	
	914020-25	2 BUSHING.....	1	
	AN960-10L	2 WASHER.....	6	
	AN365-1032	2 NUT.....	1	
- 51	AN3-12A	BOLT.....	2	
	AN960-10	WASHER.....	2	
	AN365-1032	NUT.....	2	
- 52	915007-15	TUBE ASSY, EMPENNAGE.....	1	CDE
	915009	TUBE ASSY, EMPENNAGE.....	1	F
		• SEE INDEX 47 FOR DETAIL PARTS.		
- 53	AN3-10A	2 BOLT.....	1	
	AN960-10L	2 WASHER.....	2	
	AN365-1032	2 NUT.....	1	

*I- 2807C-3141C, 252D-259D, 470E-797E, 670001F-670059F

*II- 3142C & ON, 260D & ON, 798E & ON, 670050F & ON

*III- 2807C-2999C, 252D-256D, 470E-663E

*IV- 3000C & ON, 257D & ON, 664E & ON

*V- 3000C & ON, 257D & ON, 664E & ON, 670001F & ON

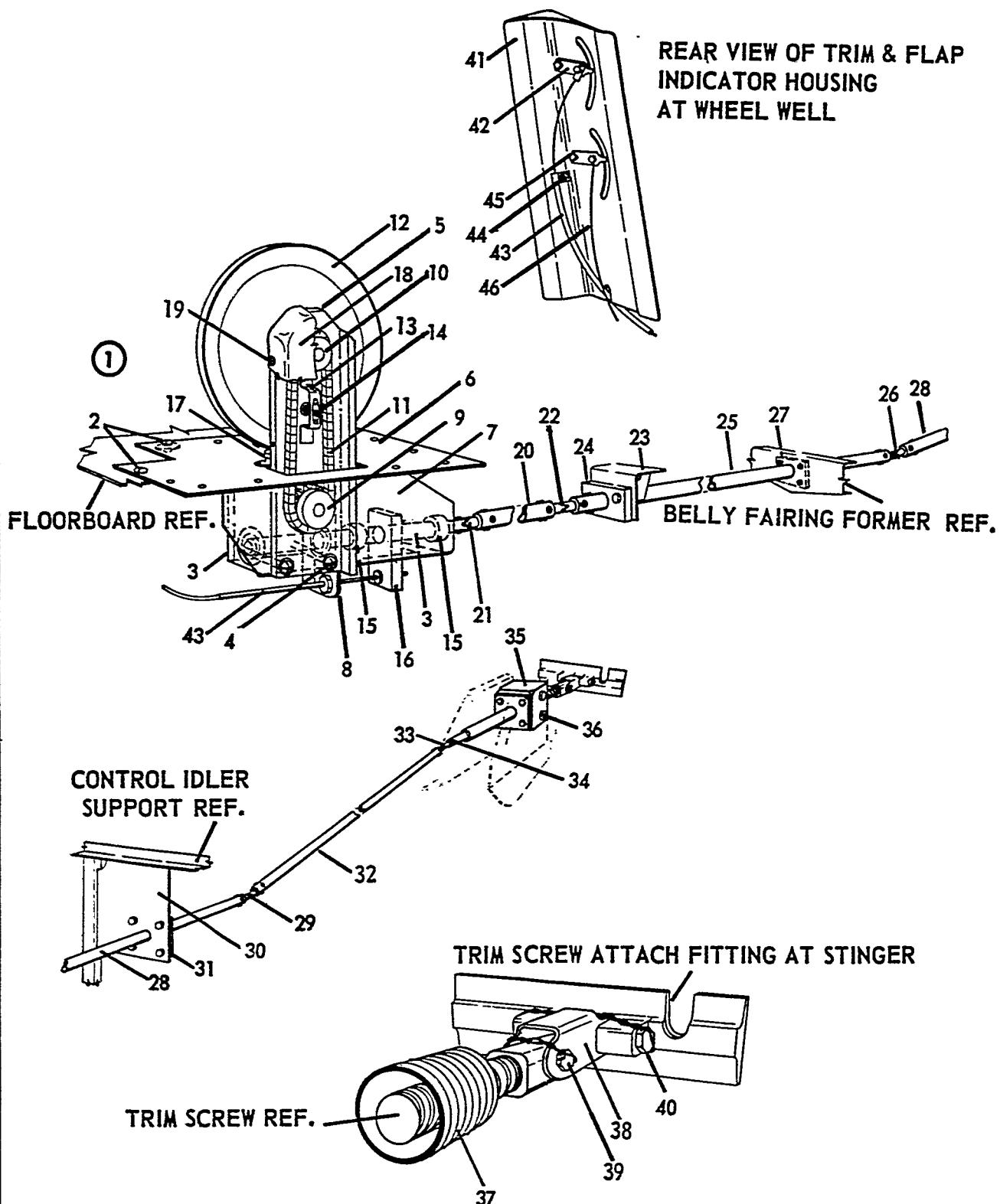


FIGURE 30. Trim Control System

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M20 SERIES

PARTS CATALOG

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
30- 1	740085-1	ACTUATOR ASSY, TRIM CONTROL.....	1	
- 2	AN515-8R-8	• SCREW.....	12	
	NO NUMBER	• TAPE, ALUMINUM FOIL, NI.....	AR	
- 3	740085-3	• GEAR BOX ASSY.....	1	
	740016-7	• SCREW, TRIM.....	1	
- 4	740084-3	• SUPPORT.....	1	
- 5	NAS220-38	• • SCREW, LOWER.....	2	
	AN960-8	• • WASHER.....	6	
	AN363-832	• • NUT.....	2	
	HL18-6-30	• • FASTENER.....	2	
	AN363-1032	• • NUT.....	2	
	AN960-10L	• • WASHER.....	4	
- 6	740051-5	• PLATE.....	1	
- 7	740052-5	• BRACKET.....	1	
- 8	740053-5	• BRACKET.....	1	
- 9	740049-7	• SPROCKET.....	1	
	RP-A-52-028-			
	125-0875	• • PIN, ROLL.....	1	
- 10	740049-3	• SUPPORT.....	1	
	RP-A-52-028-			
	125-0750	• • PIN.....	1	
- 11	#25	• CHAIN, ACTUATOR.....	1	
- 12	740045-501	• WHEEL ASSY.....	1	
	740055-5	• BUSHING.....	1	
- 13	740048-1	• BRACKET ASSY.....	1	
- 14	AN520-10R-16	• SCREW.....	1	
	AN363-1032	• NUT, NI.....	1	
	560049-3	• SPRING.....	1	
	740056-3	• BRAKE, NI.....	1	
- 15	740017-7	• STOP, TRIM.....	2	
	#6-32X1/8	• • SCREW, SET.....	1	
- 16	740018	• NUT, TRIM INDICATOR.....	1	
- 17	22NA1-02	• NUT, ANCHOR.....	2	
	740085-5	• BOLT.....	2	
- 18	740054-3	COVER, TRIM ACTUATOR.....	1	*I
	740054-503	COVER, TRIM ACTUATOR.....	1	*II
- 19	AN526-632-4	• SCREW.....	4	
- 20	915026-7	TUBE.....	1	
- 21	MS-20270-B8	JOINT, UNIVERSAL.....	1	
	AN392-19	• PIN.....	1	
	AN960-4	• WASHER.....	1	
	AN380-2-2	• PIN, COTTER.....	1	
	915026-17	• BUSHING.....	1	
	AN392-25	• PIN.....	1	
	AN960-4L	• WASHER.....	1	
	AN380-2-2	• PIN, COTTER.....	1	
- 22	MS-20270-B8	JOINT, UNIVERSAL.....	1	
	915026-17	• BUSHING.....	2	
	AN392-25	• PIN.....	4	
	AN960-4L	• WASHER.....	4	
	AN380-2-2	• PIN, COTTER.....	4	
- 23	210118-3	SUPPORT ASSY.....	1	
	210118-11	• BRACKET.....	1	
	210083-10	• BRACKET.....	1	
	210083-13	• BRACKET.....	1	
	NAJ5-02	• NUT, ANCHOR.....	2	
- 24	210118-13	• BLOCK, GUIDE.....	1	



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
30- 24	AN3-7A	. a BOLT.....	2	
	AN960-10L	. a WASHER.....	4	
- 25	915026-9	TUBE.....	1	
- 26	MS-20270-B-8	JOINT, UNIVERSAL.....	1	
	915026-17	a BUSHING.....	2	
	AN392-25	a PIN.....	4	
	AN960-4L	a WASHER.....	4	
	AN380-2-2	a PIN, COTTER.....	4	
- 27	210084-9	BLOCK, BEARING.....	1	
	AN363-1032	a NUT.....	4	
	AN3-7A	a BOLT.....	4	
	AN960-10	a WASHER.....	8	
- 28	915026-11	TUBE.....	1	CDE
	740101-3	TUBE.....	1	F
- 29	MS-20270-B8	JOINT, UNIVERSAL.....	1	
	915026-17	a BUSHING.....	2	
	AN392-25	a PIN.....	4	
	AN960-4L	a WASHER.....	4	
	AN380-2-2	a PIN, COTTER.....	4	
- 30	210118-7	PLATE, SUPPORT.....	1	
	NAJ5-02	NUT, ANCHOR.....	4	
- 31	210118-9	BLOCK, BEARING.....	1	
	AN3-7A	a BOLT.....	4	
	AN960-10	a WASHER.....	8	
- 32	915026-13	TUBE.....	1	
- 33	740009-7	JOINT, UNIVERSAL.....	1	
	915026-19	a BUSHING.....	1	
	AN392-25	a PIN.....	1	
	AN960-4	a WASHER.....	1	
	AN380-2-2	a PIN, COTTER.....	1	
- 34	740029	JOINT, SLIP.....	1	
	AN3CH-11	BOLT.....	2	
	AN310-3	NUT.....	2	
	AN995-F51	WIRE, LOCK.....		AR
- 35	740021	ACTUATOR ASSY, REAR.....	1	
- 36	AN4-31A	a BOLT.....	2	
	AN365-428	a NUT.....	2	
	AN960-416	a WASHER.....	4	
- 37	740087-3	DUCT.....	1	
	AN960-4	a WASHER.....	1	
	AN530-4R4	a SCREW.....	1	
- 38	740030	LINK.....	1	
- 39	914017	a BUSHING, NI.....	1	
	AN5H15	a BOLT.....	1	
	AN960-516	a WASHER.....	2	
	AN310-5	a NUT.....	1	
	AN995-F51	a WIRE, LOCK.....		AR
- 40	AN5H32	a BOLT.....	1	
	AN960-516	a WASHER.....	1	
	AN310-5	a NUT.....	1	
	AN995-F51	a WIRE, LOCK.....		AR
- 41	740020-501	HOUSING.....	1	*I
	130103-9	HOUSING.....	1	*II
	AN530-8R6	a SCREW, NI.....	8	*I
	AN530-4R4	a SCREW, NI.....	4	*II
	A1949-AZ3	a NUT.....		AR
	150016-3	PLACARD, NI.....	1	*III



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC. -
30- 41	150016-505	PLACARD, NI.....	1	*IV
	150016-5	PLACARD, NI.....	1	*V
	150016-503	PLACARD, NI.....	1	*VI
- 42	740039	POINTER, TRIM INDICATOR ARM.....	1	
	AN526-6R9	② SCREW.....	1	
	AN935-6	② WASHER, LOCK.....	1	
	AN340-6	② NUT.....	1	
	AN960-6L	② WASHER.....	1	
	AN363-6	② NUT.....	1	
- 43	740019	CABLE ASSY, TRIM INDICATOR.....	1	
	AN392-7	② PIN, CLEVIS /AT POINTER/.....	1	
	AN960-6	② WASHER.....	2	
	AN960-6	② WASHER.....	AR	
	AN960-6L	② WASHER.....	AR	
	AN380-2-2	② PIN, COTTER.....	1	
	P#44	TUBING, GUARD, NI.....	1	
	AN742-4	② CLAMP /AT CABIN TUB. STRUCTURE/.....	1	
	AN742-2	② CLAMP.....	1	
	AN3-3A	② BOLT.....	1	
	AN960-10	② WASHER.....	1	
	AN363-1032	② NUT.....	1	
	AN364-624	② NUT /AT ACTUATOR/.....	1	
	AN340-6	② NUT.....	1	
	AN365-632	② NUT.....	1	
- 44	AN742-2	② CLAMP.....	1	
	P#44	TUBING, NI.....	1	
	AN526-1032R8	② SCREW.....	1	
	AN960-10L	② WASHER.....	1	
- 45	AN363-1032	② NUT.....	1	
	740039	POINTER, FLAP INDICATOR ARM.....	1	
	AN526-632R9	② SCREW.....	1	
	AN960-6L	② WASHER.....	2	
	AN340-6	② NUT.....	1	
	AN935-6	② WASHER.....	1	
	AN363-632	② NUT.....	1	
- 46	#321884	② TERMINAL.....	1	
	750016-9	WIRE, FLAP INDICATOR CABLE.....	1	
	AN515-8R8	② SCREW /AT HYDRAULIC PUMP/.....	1	
	750016-7	HOUSING, FLAP INDICATOR, NI.....	1	
	AN340-8	② NUT.....	1	
	AN392-7	② PIN /AT POINTER/.....	1	
	AN960-6	② WASHER.....	3	
	AN380-2-2	② PIN, COTTER.....	1	

*I- 2807C-3184C, 252D-259D, 470-831E

*II- 3185C & ON, 260D & ON, 832E & ON, 670001F & ON

*III- 2807C-3184C, 470E-831E

*IV- 3185C & ON, 832E & ON, 670001F & ON

*V- 252D-259D

*VI- 260D & ON

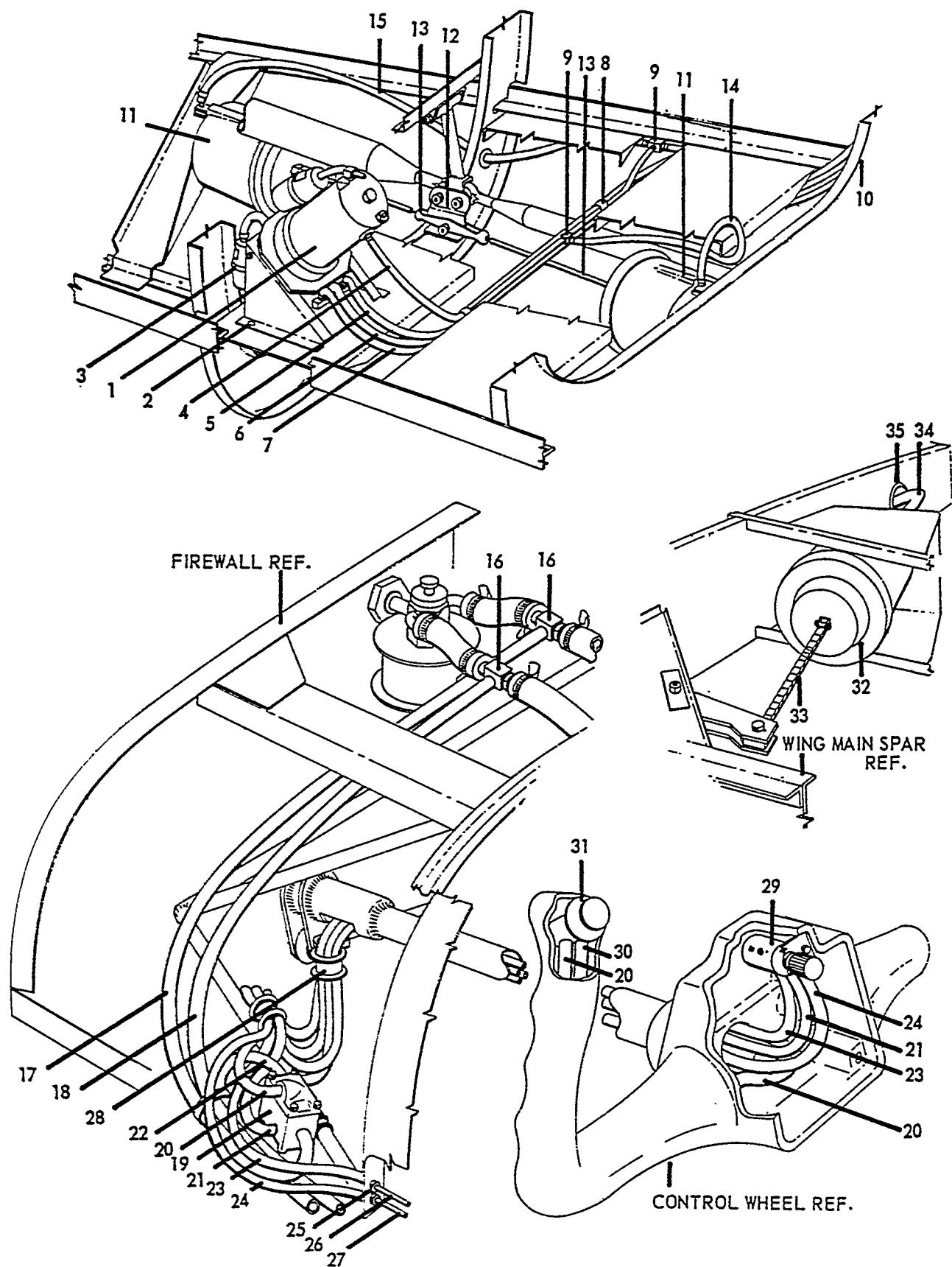


FIGURE 31. Positive Control System (1965)

MOONEY**M20 SERIES****PARTS CATALOG**

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
31- 1	#11900-25	GYRO ASSY, REMOTE.....	1	*I
- 2	AN526-8-R8	2 SCREW.....	4	*I
	AN960-D8	2 WASHER.....	4	*I
	AN365-832A	2 NUT.....	4	*I
- 3	#11864	. FILTER, VACUUM.....	2	*I
- 4	3/8 O.D. BLACK	TUBE, PRIMARY VACUUM.....	1	*I
	A-6	2 CLAMP.....	1	*I
- 5	3/8 O.D. GREEN	TUBE, LEFT TURN.....	1	*I
	A-6	2 CLAMP.....	1	*I
- 6	3/8 O.D. GREY	TUBE, SEQUENCED VACUUM.....	1	*I
	A-6	2 CLAMP.....	1	*I
- 7	3/8 O.D. RED	TUBE, RIGHT TURN.....	1	*I
	A-6	2 CLAMP.....	1	*I
- 8	ADEL668-12-6FR	CLAMP.....	2	*I
	AN526-R-R6	2 SCREW.....	1	*I
	AN365-832A	2 NUT.....	1	*I
- 9	#11873	FITTING, TEE.....	2	*I
	A-6	2 CLAMP.....	3	*I
- 10	#11873-10	FITTING, TEE, NI.....	2	*I
	A-6	2 CLAMP, NI.....	4	*I
	A-4	2 CLAMP, NI.....	2	*I
	500-6	2 GROMMET, NI.....	2	*I
- 11	#2980-1	SERVO ASSY, RUDDER /AFT/.....	1	*I
	#2980-1	SERVO ASSY, RUDDER /FWD/.....	1	*I
	AN364-524	2 NUT.....	1	*I
	AN945-4P	2 WASHER.....	2	*I
	#1800	FITTING.....	1	*I
	AN316-6	NUT.....	1	*I
	AN364-524	NUT.....	1	*I
	AN945-4P	WASHER.....	2	*I
	#1005-2	. SERVO ASSY.....	1	*I
	#1809-1	. PLATE.....	1	*I
	AN970-5	. . 2 WASHER.....	1	*I
	5/16-24X7.8	. . 2 BOLT.....	1	*I
	#1045	. . CYLINDER, SERVO.....	1	*I
	#11690	. . PISTON ASSY.....	1	*I
	#1046	. . PISTON.....	1	*I
	#1010	. . SEAL, RUBBER.....	1	*I
	#1047	. . DISC.....	1	*I
	5/16 16-24	. . 2 NUT.....	1	*I
	AN960-D516L	. . 2 WASHER.....	1	*I
	AN970-5	. . 2 WASHER.....	1	*I
- 12	#1864	ESTENSION ASSY, RUDDER.....	1	*I
		2 EXISTING HWD		
	#1867-1	. EXTENSION ASSY.....	1	*I
	#1867-3	. . BUSHING.....	1	*I
	#1867-4	. . BUSHING.....	1	*I
- 13	#1890-18.5	. CABLE ASSY, FWD.....	1	*I
	#1890-11.5	. CABLE ASSY, AFT.....	1	*I
	AN3-6	. 2 BOLT.....	1	*I
	AN960-D10	. 2 WASHER.....	1	*I
	AN310-3	. 2 NUT.....	1	*I
	AN380-2-2	. 2 PIN, COTTER.....	1	*I
	#1043-1	. . NUT.....	1	*I
	AN664C-2	. . BALL & SHANK.....	2	*I
	RA2500-2	. . FORK.....	1	*I
	1/8 O.D.X3/32ID	. . TUBING, PRESSURE.....	1	*I



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
31- 13	1/16 DIA	.. CABLE, STEEL.....	1	*I
- 14	3/8 O.D. RED	TUBE, RIGHT TURN.....	1	*I
- 15	3/8 O.D. GREEN	TUBE, LEFT TURN.....	1	*I
	A-6	a CLAMP.....	2	*I
	500-6	GROMMET.....	1	*I
- 16	#11873-4	FITTING, TEE.....	2	*I
	A-10	a CLAMP.....	4	*I
	A-6	a CLAMP.....	2	*I
- 17	3/8 O.D. BLACK	TUBE, PILOT VALVE.....	1	*I
- 18	3/8 O.D. BLACK	TUBE, REMOTE GYRO.....	1	*I
- 19	#2965	VALVE ASSY, PILOT.....	1	*I
	AN742-8	a CLAMP.....	2	*I
	AN526-6-R6	a SCREW.....	2	*I
	AN936A-6	a WASHER.....	2	*I
- 20	3/16 O.D. GREY	TUBE, AUTOPOLIT CUT-OFF VALVE.....	1	*I
	#11385	a CLAMP.....	1	*I
- 21	3/16 O.D. BLACK	TUBE, ROLL TRIM VALVE.....	1	*I
	#11385	a CLAMP.....	1	*I
- 22	3/8 O.D. GREY	TUBE, REMOTE GYRO.....	1	*I
- 23	3/16 O.D. GREEN	TUBE.....	1	*I
	#11385	a CLAMP.....	1	*I
- 24	3/16 O.D. RED	TUBE.....	1	*I
	#11385	a CLAMP.....	1	*I
- 25	AN356-428	NUT.....	2	*I
	#11246-3	FITTING.....	2	*I
- 26	1/4 O.D. GREEN	TUBE, AFT.....	1	*I
- 27	1/4 O.D. RED	TUBE, AFT.....	1	*I
- 28	AN742-7	CLAMP.....	1	*I
- 29	#2985	VALVE ASSY, ROLL TRIM.....	1	*I
	4X1/4	a SCREW, PK.....	2	*I
	AN960-4	a WASHER.....	AR	*I
- 30	1/8 O.D. COPPER	TUBE, ATMOSPHERE.....	1	*I
- 31	#2960	VALVE ASSY.....	1	*I
- 32	#2983	SERVO ASSY, AILERON.....	1	*I
	AN970-5	a WASHER.....	2	*I
	AN364-524	a NUT.....	1	*I
	#1005-3	.. SERVO ASSY.....	1	*I
	#1045	.. CYLINDER ASSY.....	1	*I
	#1801	.. FITTING, CONNECTOR.....	1	*I
	AN316-6	.. a NUT.....	1	*I
	#1855	.. PISTON ASSY.....	1	*I
	AN970-5	.. a WASHER.....	1	*I
	5/16-24X7/8	.. a BOLT.....	1	*I
	5/16-24	.. a NUT.....	1	*I
	#1048	.. PISTON.....	1	*I
	#1010	.. SEAL.....	1	*I
	#33	.. TAPE, ADHESIVE.....	AR	*I
	#1047	.. DISC.....	1	*I
	5/16-24X5/8	.. a BOLT.....	1	*I
	AN960-D516L	.. a WASHER.....	1	*I
	AN970-5	.. a WASHER.....	1	*I
	#1809-1	.. a PLATE.....	1	*I
- 33	#3027-1	.. CHAIN ASSY.....	1	*I
	6-LINK	.. CHAIN, SASH.....	1	*I
	#11660-1	.. a PIVOT.....	1	*I
	AN364-524	.. a NUT.....	1	*I
	AN310-3	.. a NUT.....	1	*I

MOONEY**M20 SERIES****PARTS CATALOG**

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
31- 33	AN960-D10 a WASHER.....	2	*I
	AN380-2-2 a PIN, COTTER.....	1	*I
	#3059 a BUSHING.....	1	*I
	AN3-10 a BOLT.....	1	*I
	AN310-3 a NUT.....	1	*I
	AN316-6 a NUT.....	1	*I
	AN364-524 a NUT.....	1	*I
	AN380-2-2 a PIN, COTTER.....	1	*I
	AN960-D10 a WASHER.....	2	*I
	AN970-5 a WASHER.....	2	*I
- 34	3/8 O.D. RED	TUBE, WING, LH.....	1	*I
	3/8 O.D. GREEN	TUBE, WING, RH.....	1	*I
	A-6	a CLAMP.....	1	*I
- 35	G518	GROMMET.....	AR	*I
	500-6	GROMMET.....	AR	*I

*I- 2807C-3184C, 470E-831E

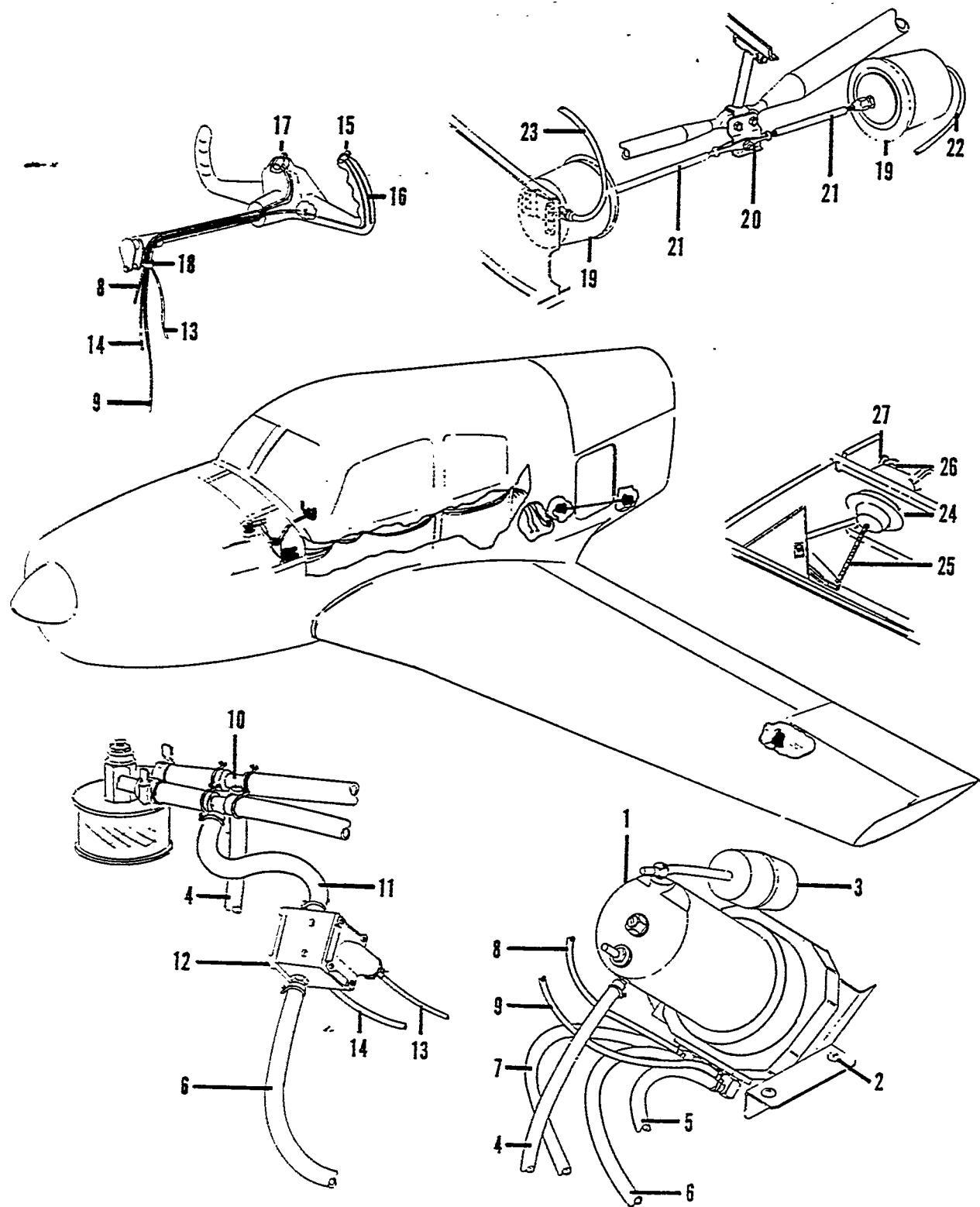


FIGURE 32. Positive Control System (1966)



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
32- 1	#11900-30	GYRO ASSY, REMOTE.....	1	*I
- 2	6X1/2	• SCREW.....	1	*I
	AN741-4P	• CLAMP, NI.....	1	*I
	AN3-10A	• BOLT, NI.....	1	*I
	AN960-010	• WASHER, NI.....	2	*I
	AN970-3	• WASHER, NI.....	2	*I
	AN365-1032	• NUT.....	1	*I
- 3	#11864	. FILTER, VACUUM.....	2	*I
- 4	3/8 O.D. BLACK	TUBE, PRIMARY VACUUM.....	1	*I
	A-6	• CLAMP.....	2	*I
- 5	3/8 O.D. GREEN	TUBE, LEFT TURN.....	1	*I
	A-6	• CLAMP.....	1	*I
- 6	3/8 O.D. GREY	TUBE, SEQUENCED VACUUM.....	2	*I
	A-6	• CLAMP.....	1	*I
- 7	3/8 O.D. RED	TUBE, RIGHT TURN.....	1	*I
	A-6	• CLAMP.....	1	*I
- 8	3/16 O.D. RED	TUBE, ROLL TRIM.....	1	*I
	#11385	• CLAMP.....	2	*I
- 9	3/16 O.D. GREEN	TUBE, ROLL TRIM.....	1	*I
	#11385	• CLAMP.....	2	*I
- 10	11873-4	FITTING, TEE.....	2	*I
	A-10	• CLAMP.....	4	*I
- 11	3/8 O.D. BLACK	TUBE, PILOT VALVE.....	1	*I
	A-6	• CLAMP.....	2	*I
- 12	#2965	VALVE ASSY, PILOT.....	1	*I
	AN742-G	• CLAMP, NI.....	2	*I
	AN526-6-2R	• SCREW.....	2	*I
	AN956A-6	• WASHER.....	2	*I
- 13	3/16 O.D. GREY	TUBE, AUTOPILOT CUT-OFF VALVE.....	1	*I
	#11385	• CLAMP.....	2	*I
- 14	3/16 O.D. BLACK	TUBE, ROLL TRIM VALVE.....	1	*I
	#11385	• CLAMP.....	2	*I
- 15	#2960	VALVE ASSY, CUTOFF.....	1	*I
- 16	1/8 O.D. COPPER	TUBE, ATMOSPHERE.....	1	*I
- 17	#2985	VALVE ASSY, ROLL TRIM.....	1	*I
	4X1/4	• SCREW, PK.....	2	*I
	AN960-4	• WASHER.....	AR	*I
- 18	AN742-D9C	CLAMP.....	1	*I
- 19	#2980-1	SERVO ASSY, RUDDER, AFT.....	1	*I
	#2980-1	SERVO ASSY, RUDDER, FWD.....	1	*I
	AN945-4P	• WASHER.....	2	*I
	AN364-524	• NUT.....	1	*I
	#1800	FITTING.....	1	*I
	AN316-6	NUT.....	1	*I
	AN364-524	NUT.....	1	*I
	AN945-4P	WASHER.....	2	*I
	#1005-2	. SERVO ASSY.....	1	*I
	#1809-1	. . PLATE.....	1	*I
	AN970-5	. . • WASHER.....	1	*I
	5/16-16-24X7/8	. . • BOLT.....	1	*I
	#1045	. . • CYLINDER, SERVO.....	1	*I
	#11690	. . • PISTON ASSY.....	1	*I
	#1046	. . . PISTON.....	1	*I
	#1010	. . . SEAL, RUBBER.....	1	*I
	#1047	. . . DISC.....	1	*I
	5/16-16-24	. . . • NUT.....	1	*I
	AN960-D516L	. . . • WASHER.....	1	*I



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
32- 19	AN970-5	... a WASHER.....	1	*I
- 20	#1864	EXTENSION ASSY, RUDDER.....	1	*I
		a EXISTING HWD.		
	#1867-1	.. EXTENSION ASSY.....	1	*I
	#1867-3	.. BUSHING.....	1	*I
	#1867-4	.. BUSHING.....	1	*I
- 21	#1890-18-5	.. CABLE ASSY, FWD.....	1	*I
	#1890-11-5	.. CABLE ASSY, AFT.....	1	*I
	AN3-6	.. a BOLT.....	1	*I
	AN960-D10	.. a WASHER.....	1	*I
	AN310-3	.. a NUT, CASTLE.....	1	*I
	AN380-2-2	.. a PIN, COTTER.....	1	*I
	#1043-1	.. NUT.....	1	*I
	AN644C-2	.. BALLE SHANK.....	2	*I
	RA2500-2	.. FORK.....	1	*I
	1/8 O.D.X32 ID	.. TUBING, PRESSURE.....	1	*I
	1/16 DIA	.. CABLE, STEEL.....	1	*I
- 22	3/8 O.D. GREEN	TUBE, LEFT TURN.....	1	*I
	AN945-4P	a WASHER.....	AR	*I
	AN3640524	a NUT.....	1	*I
- 23	3/8 O.D. RED	TUBE, RIGHT TURN, NI.....	1	*I
	AN945-4P	a WASHER.....	AR	*I
	AN364-524	a NUT.....	1	*I
- 24	#2983	SERVO ASSY, AILERON.....	1	*I
	AN970-5	a WASHER.....	2	*I
	AN364-524	a NUT.....	1	*I
	#1005-3	SERVO ASSY.....	1	*I
	#1045	.. CYLINDER ASSY.....	1	*I
	#1801	.. FITTING, CONNECTOR.....	1	*I
	AN316-6	.. a NUT.....	1	*I
	#1855	.. PISTON ASSY.....	1	*I
	AN970-5	.. a WASHER.....	1	*I
	5/16-24X7/8	.. BOLT.....	1	*I
	5/16-24	.. NUT.....	1	*I
	#1046	.. PISTON.....	1	*I
	#1010	.. SEAL.....	1	*I
	#33	.. TAPE, SCOTCH.....	AR	*I
	#1047	.. DISC.....	1	*I
	5/16-24X5/8	.. a BOLT.....	1	*I
	AN960-516L	.. a WASHER.....	1	*I
	AN970-5	.. a WASHER.....	1	*I
	#1809-1	.. a PLATE.....	1	*I
- 25	#3027-1	.. CHAIN ASSY.....	1	*I
	6-LINK	.. CHAIN, SASH.....	1	*I
	#11660-1	.. a PIVOT.....	1	*I
	AN364-524	.. a NUT.....	1	*I
	AN310-3	.. a NUT.....	1	*I
	AN960-D10	.. a WASHER.....	2	*I
	AN380-2-2	.. a PIN, COTTER.....	1	*I
	#3059	.. a BUSHING.....	1	*I
	AN3-10	.. a BOLT.....	1	*I
	AN310-3	.. a NUT.....	1	*I
	AN316-6	.. a NUT.....	1	*I
	AN364-524	.. a NUT.....	1	*I
	AN380-2-2	.. a PIN, COTTER.....	1	*I
	AN960-D10	.. a WASHER.....	2	*I
	AN970-5	.. a WASHER.....	2	*I

MOONEY**M20 SERIES****PARTS CATALOG**

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFECT.
32- 26	3/8 O.D. GREEN	TUBE, WING, RH.....	1	*I
	3/8 O.D. RED	TUBE, WING, LH, NI.....	1	*I
A-6		@ CLAMP.....	1	*I
- 27	G51B	GROMMET.....	AR	*I
	500-6	GROMMET.....	AR	*I
*I- 3185C-3466C, 831E-1308E				

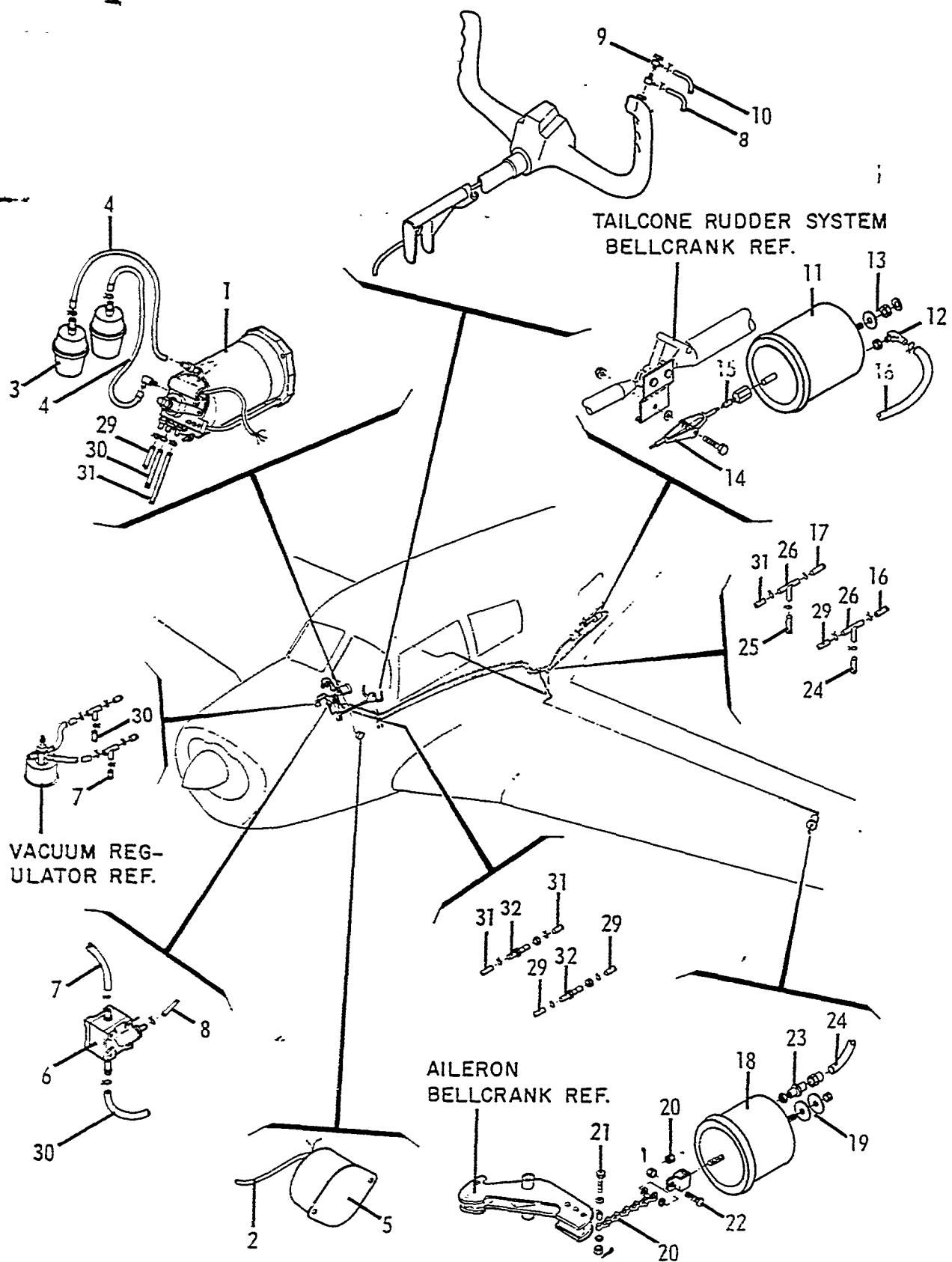


FIGURE 33. Positive Control System (1967 & ON)



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
33- 1	#2900-TC	GYRO ASSY, TURN COORDINATOR.....	1	*I
- 2	#20	WIRE TERMINAL.....	1	*I
- 3	11241-8	FILTER ASSY.....	2	*I
	AN742-D10C	2 CLAMP, NI.....	2	*I
	#8X1/2	2 SCREW, NI.....	2	*I
	A1274-BZ-3	2 SPEED NUT, NI.....	2	*I
- 4	#1036-1.25	TUBE.....	2	*I
	A-10	2 CLAMP.....	4	*I
- 5	NO NUMBER	INVERTER, VACUUM CONTROL.....	1	*I
- 6	#2965	VALVE ASSY, PILOT.....	1	*I
	AN742-G	2 CLAMP, NI.....	2	*I
	AN526-6-2R	2 SCREW, NI.....	2	*I
	AN526A-6	2 WASHER, NI.....	2	*I
- 7	3/8 O.D. BLACK	TUBE, PILOT VALVE.....	1	*I
	A-6	2 CLAMP.....	1	*I
- 8	3/16 O.D. GREY	TUBE, CUT-OFF VALVE.....	1	*I
	11385	2 CLAMP.....	1	*I
- 9	#2960	VALVE ASSY, CUT-OFF.....	1	*I
- 10	3/16 O.D. COPPER	TUBE, ATMOSPHERE.....	1	*I
- 11	#2980-1	SERVO ASSY, RUDDER.....	2	*I
- 12	AN945-4P	2 WASHER.....	2	*I
	AN364-524	2 NUT.....	1	*I
	#1005-2	. SERVO ASSY.....	1	*I
	1809-1	. . PLATE.....	1	*I
	AN970-5	. . 2 WASHER.....	1	*I
	5/16-24X7/8	. . 2 BOLT.....	1	*I
	#1045	. . CYLINDER, SERVO.....	1	*I
	#11690	. . PISTON ASSY.....	1	*I
	#1046	. . PISTON.....	1	*I
	#1010	. . SEAL, RUBBER.....	1	*I
	#1047	. . DISC.....	1	*I
	5/16-16-24	. . 2 NUT.....	1	*I
	AN970-5	. . 2 WASHER.....	1	*I
- 13	#1800	. FITTING.....	1	*I
	AN316-6	. NUT.....	1	*I
- 14	#1864	EXTENSION ASSY, RUDDER.....	1	*I
	#1867-1	2 EXISTING HWD		
	AN3-6	. EXTENSION ASSY.....	1	*I
	AN960-D10	. 2 BOLT.....	1	*I
	AN310-3	. 2 WASHER.....	1	*I
	AN380-2-2	. 2 NUT.....	1	*I
	#1867-3	. 2 PIN, COTTER.....	1	*I
	#1867-4	. . BUSHING.....	1	*I
- 15	#1890-18.5	. . BUSHING.....	1	*I
	#1864-1	. CABLE ASSY, FWD.....	1	*I
	#1043-1	. CABLE ASSY, AFT.....	1	*I
	AN644C-2	. . NUT.....	2	*I
	RA2500-2	. . BALL & SHANK.....	2	*I
	1/80.D.X 32 ID	. . FORK, NI.....	1	*I
	1/16 IN	. . TUBE, GUARD.....	1	*I
- 16	3/80.D. GREEN	. . CABLE, STEEL.....	1	*I
- 17	3/80.D. RED	TUBE, LEFT TURN.....	1	*I
- 18	#2983	TUBE, RIGHT TURN, NI.....	1	*I
- 19	AN970-5	SERVO ASSY, AILERON.....	1	*I
	AN364-524	2 WASHER.....	2	*I
	#1005-3	2 NUT.....	1	*I
		. SERVO ASSY.....	1	*I



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
33- 19	#1045	.. CYLINDER ASSY.....	1	*I
	#1855	.. PISTON ASSY.....	1	*I
	AN970-5	.. a WASHER.....	1	*I
	5/16-24X7/8	.. a BOLT.....	1	*I
	5/16-24	.. a NUT.....	1	*I
	#1046	.. PISTON.....	1	*I
	#1010	.. SEAL.....	1	*I
	#33	.. TAPE, PLASTIC.....	1	*I
	#1047	.. DISC.....	AR	*I
	5/16-24X5/8	.. a BOLT.....	1	*I
	AN960-516L	.. a WASHER.....	1	*I
	AN970-5	.. a WASHER.....	1	*I
	#1809-1	.. a PLATE.....	1	*I
- 20	#3027-1	.. CHAIN ASSY.....	1	*I
	7-LINK	.. . CHAIN, SASH.....	1	*I
	#11660-1	.. a PIVOT.....	1	*I
	AN364-524	.. a NUT.....	1	*I
- 21	AN310-3	.. a NUT.....	1	*I
	AN960-D10	.. a WASHER.....	2	*I
	AN380-2-2	.. a PIN, COTTER.....	1	*I
	#3059	.. a BUSHING.....	1	*I
	AN3-10	.. a BOLT.....	1	*I
	AN310-3	.. a NUT.....	1	*I
	AN316-6	.. a NUT.....	1	*I
- 22	AN364-524	.. a NUT.....	1	*I
	AN380-2-2	.. a PIN, COTTER.....	1	*I
	AN960-D10	.. a WASHER.....	2	*I
	AN970-5	.. a WASHER.....	2	*I
- 23	#1801	.. FITTING, CONNECTOR.....	1	*I
	AN316-6	.. NUT.....	1	*I
- 24	3/8 O.D. GREEN	TUBE, WING, RH.....	1	*I
- 25	3/8 O.D. RED	TUBE, WING, LH, NI.....	1	*I
- 26	264-P3/8	FITTING, TEE.....	2	*I
- 27	#11328	FITTING.....	2	*I
- 28	AN365-624	NUT, PAL.....	2	*I
- 29	3/16O.D. BLACK	TUBE, LEFT TURN.....	1	*I
	A-6	a CLAMP.....	1	*I
- 30	3/16O.D. BLACK	TUBE, SEQUENCED VACUUM.....	1	*I
	A-6	a CLAMP.....	1	*I
- 31	3/16O.D. BLACK	TUBE, RIGHT TURN.....	1	*I
	A-6	a CLAMP.....	1	*I
- 32	#1132-8	FITTING.....	2	*I
	A-6	CLAMP.....	2	*I

*I- 670001C & ON, 670001E & ON, 670001F & ON

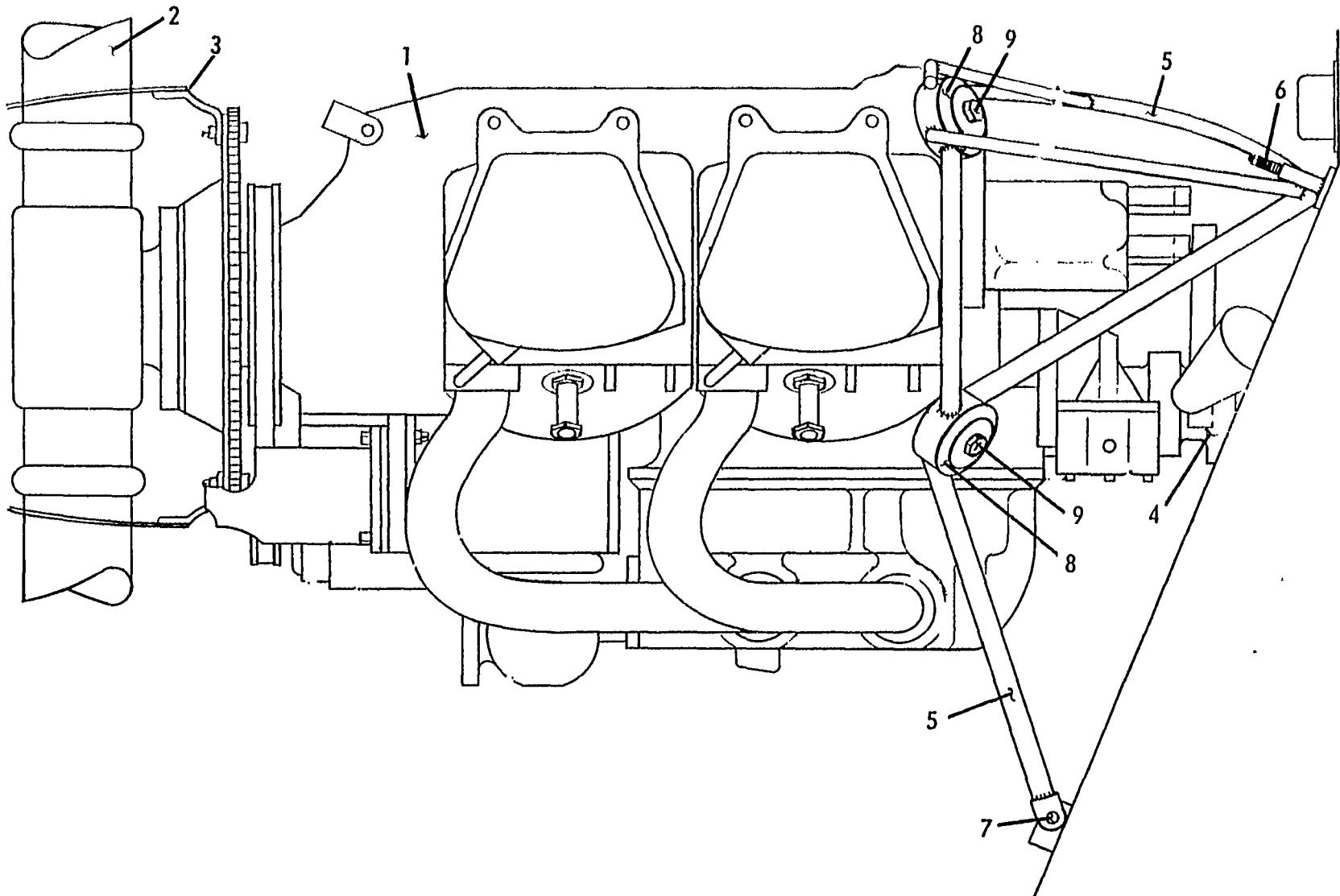


FIGURE 34. Engine & Propeller Installation

MOONEY**M20 SERIES****PARTS CATALOG**

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
34- 1	0-360-A1D	ENGINE, LYCOMING.....	1	C
	0-360-A2D	ENGINE, LYCOMING.....	1	D
	10-360-A1A	ENGINE, LYCOMING.....	1	EF
- 2	HC-C2YK-1B-			
	7666A-2	PROPELLER ASSY.....	1	C
	PRP-909-6	Ⓐ O-RING.....	1	C
	A-2247	Ⓐ STUD.....	6	C
	AN960-816	Ⓐ WASHER.....	6	C
	AN355-8	Ⓐ NUT.....	6	C
	AN995-F51	Ⓐ WIRE, SAFETY.....	AR	C
	IC172/MFA74-60	PROPELLER ASSY.....	1	D
	D-3353	Ⓐ PLATE ASSY, FRONT.....	1	D
	AN8H-42AS	Ⓐ BOLT.....	6	D
	AN960-816	Ⓐ WASHER.....	6	D
	AN995-C41	Ⓐ WIRE, SAFETY.....	AR	D
	CHC-C2YK-1A/			
	7666-2	PROPELLER ASSY.....	1	*I
	HC-C2YK-1B/			
	7666A-2	PROPELLER ASSY.....	1	*II
	PRP-909-6	Ⓐ O-RING.....	1	EF
	A2247	Ⓐ BOLT.....	6	EF
	AN960-816	Ⓐ WASHER.....	6	EF
	AN355-8	Ⓐ NUT.....	6	EF
	AN995-F51	Ⓐ WIRE, SAFETY.....	AR	EF
- 3	#835-20	SPINNER ASSY.....	1	*III
	AN4-11A	Ⓐ BOLT.....	12	*III
	AN960-416	Ⓐ WASHER.....	12	*III
	AN365-428	Ⓐ NUT.....	12	*III
	C-885	• RING, ADAPTER.....	1	*III
	C-2426	• SPINNER, DOME.....	1	*III
	AN526-C-1032R8	• Ⓢ SCREW.....	10	*III
	AN-2480	• Ⓢ PLATE.....	2	*III
	AN526-C-1032R9	• Ⓢ SCREW.....	4	*III
	D3337	• SPINNER, DOME.....	1	D
	A-1635-39	• Ⓢ SCREW.....	20	D
	A-1638-5	• Ⓢ WASHER.....	20	D
	D-3338	• BULKHEAD ASSY.....	1	D
	A-1635-23	• Ⓢ SCREW.....	12	D
	A-1638-5	• Ⓢ WASHER.....	12	D
	A-1635-39	• Ⓢ NUT.....	12	D
	680014	SPINNER ASSY.....	1	*IV
	680014-501	SPINNER ASSY.....	1	*V
	AN4011A	Ⓐ BOLT.....	12	*VI
	AN960-416	Ⓐ WASHER.....	12	*VI
	AN365-428	Ⓐ NUT.....	12	*VI
	680012	• BULKHEAD.....	1	*IV
	680012-501	• BULKHEAD.....	1	*V
	AN509-10R6	• Ⓢ SCREW.....	6	*VI
	680011	• SPINNER, DOME.....	1	*VI
	AN526-C-1032R8	• Ⓢ SCREW.....	14	*IV
	680013	• RING, ADAPTER.....	1	*IV
	680013-501	• RING, ADAPTER.....	1	*V
- 4	660008-501	GOVERNOR, PROPELLER.....	1	
- 5	590000	MOUNT ASSY, ENGINE.....	1	CD
	590000-501	MOUNT ASSY, ENGINE.....	1	EF
- 6	AN4-27A	Ⓐ BOLT.....	2	
	AN960-416	Ⓐ WASHER.....	2	



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
34 - 6	AN365-428	@ NUT	2	
- 7	AN4-15A	@ BOLT	2	
	AN960-416	@ WASHER	2	
	AN365-428	@ NUT	2	
-- 8	J-7402-1	MOUNT ASSY, SHOCK	4	CD
	J-9612-8	SHOCK MOUNT	4	EF
	J-7766-9	SPACER	4	EF
	J-7763-1	SHOCK MOUNT	4	EF
	J-2218-61	• SPACER	AR	EF
	J2218-82	• WASHER	AR	
- 9	AN7-35A	• @ BOLT	4	CD
	AN7-44A	• @ BOLT	4	EF
	AN960-716	• @ WASHER	AR	
	AN960-716L	• @ WASHER	4	EF
	AN363-720	• @ NUT	4	CD
	AN365-720	• @ NUT	4	
*I- 470E-746E, 832E-1308E				
*II- 747E-831E, 670001E & ON, 670001F & ON				
*III- 2807C & ON, 470E-831E				
*IV- 832E-879E				
*V- 880E & ON, 670001F & ON				
*VI- 832E & ON, 670001F & ON				
*VIII- 3132C & ON, 260U & ON, 788E & ON				



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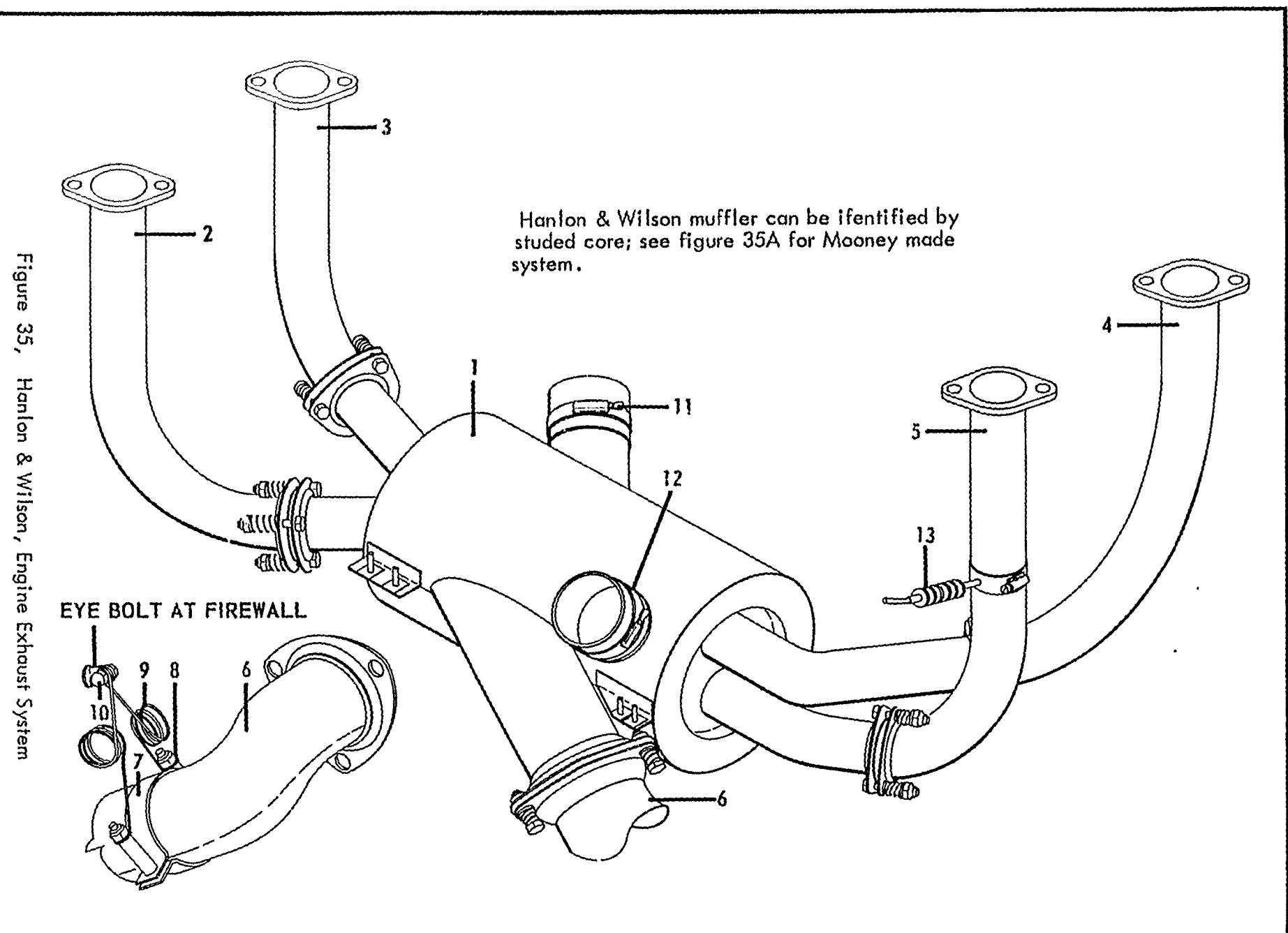


Figure 35, Hanlon & Wilson, Engine Exhaust System



FIGURE & INDEX NOS	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
35 - 1	#637-139 #850-49 #850-69 #637-209	EXHAUST SYSTEM ASSY, NI EXHAUST SYSTEM ASSY. EXHAUST SYSTEM ASSY, NI. EXHAUST SYSTEM ASSY.	1 1 1 1	VI I II VII
NOTICE: For replacement muffler or muffler core order Service Bulletin Kits listed below:				
M20-152-2 Kit. M20-152-3 Kit. M20-152-4 Kit. M20-152-5 Kit.				
- 2	#637-14 #850-78 #850-20 #637-434 AN3-13 AN960-10 AN970-10 #186-218 AN310-3 AN380-2-3 MS24665-134	. STACK /CYL NO. 4/ . STACK /CYL NO. 4/ . STACK /CYL NO. 4/ . STACK 'CYL NO. 4/ . @ BOLT @ WASHER @ WASHER @ SPRING @ NUT @ PIN, COTTER @ PIN, COTTER	1 1 1 1 3 9 9 3 3 3	VI VII I II VI II I VII CD EF
- 3	#637-13 #850-77 #850-18 #637-433	. STACK /CYL NO. 2/ . STACK /CYL NO. 2/ . STACK /CYL NO. 2/ . STACK /CYL NO. 2/ . @ SEE INDEX NO. 2 FOR ATTACH HDW.	1 1 1 1	VI II I VII
- 4	#637-12 #850-76 #850-14 #637-432	. STACK /CYL NO. 1/ . STACK /CYL NO. 1/ . STACK /CYL NO. 1/ . STACK /CYL NO. 1/ . @ SEE INDEX NO. 2 FOR ATTACH HDW.	1 1 1 1	VI II I VII
- 5	#637-11 #850-75 #850-9 #637-431	. STACK /CYL NO. 3/ . STACK /CYL NO. 3/ . STACK /CYL NO. 3/ . STACK /CYL NO. 3/ . @ SEE INDEX NO. 2 FOR ATTACH HDW.	1 1 1 1	VI II I VII
- 6	#637-35 #850-3 AN3-15 AN960-10 #186-218 AN310-3 AN380-2-3 AN3-16A AN760-10 #186-218 AN310-3 AN380-2-3	. PIPE, EXHAUST PIPE, EXHAUST @ BOLT @ WASHER @ SPRING @ NUT @ PIN, COTTER @ BOLT @ WASHER @ SPRING @ NUT @ PIN, COTTER	1 1 3 9 3 3 3 3 9 3 3 3	CD EF CD CD CD CD EF EF EF EF EF



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
35- 7	630001-7	. CLAMP.....	2	CD
	630021-3	. CLAMP.....	2	EF
- 8	AN3-13A	. a BOLT.....	2	CD
	AN960-10L	. a WASHER.....	2	CD
	AN960-10	. a WASHER.....	8	CD
	914024-2	. a BUSHING.....	2	CD
	AN365-1032	. a NUT.....	2	CD
	AN3-21A	. a BOLT.....	2	EF
	AN960-10	. a WASHER.....	6	EF
	914024-1	. a BUSHING.....	2	EF
	AN365-1032	. a NUT.....	2	EF
- 9	916006	. SPRING.....	2	
- 10	AN3-6A	. a BOLT.....	2	
	AN960-10	. a WASHER.....	2	
	AN365-1032	. a NUT.....	2	
	AN42-3A	. a BOLT, EYE.....	1	
- 11	640001-5	DUCT, CARBURETOR HEAT.....	1	CD
	QS100M-36	a CLAMP.....	2	CD
	640001-3	DUCT, HEATER INTAKE, NI.....	1	CD
	QS100M-36	a CLAMP.....	2	CD
	640001-11	DUCT, HEATER INTAKE, NI.....	1	*I
	QS100M-36	a CLAMP.....	2	*I
	64C001-17	DUCT, HEATER INTAKE, NI.....	1	*II
	QS100M-36	a CLAMP.....	2	*II
- 12	640001-1	DUCT, CABIN HEAT.....	1	*III
	QS100M-36	a CLAMP.....	2	*III
	76C016-505	DUCT, CABIN HEAT.....	1	*II
	QS100M-40S	a CLAMP.....	2	*II
- 13	MC1-106F	PROBE ASSY, EXHAUST GAS TEMP.....	1	*IV
	AN995-F51	a WIRE, SAFETY.....	1	*IV
	66C103	PROBE, EXHAUST TEMP.....	1	*IV
	S62-A30	a MOUNTING SLEEVE.....	1	*IV
	C63-31A	a CLAMP, NI.....	1	*IV
	C61-A1	a CLAMP, NI.....	1	*IV
	66C108	PROBE ASSY, EXHAUST GAS TEMP.....	1	*V
	66C110	PROBE, EXHAUST TEMP.....	1	*V
	C1-005-65	a WIRE, LEAD.....	1	*V
	AN995-F51	a WIRE, SAFETY.....	1	*V
	AN515BR8-12	a SCREW.....	1	*V
	AN507-B832-R12	a SCREW.....	1	*V

*I 470E-1308E

*II 670001E, 670001F-670245F, 670247F-670257F, 670259F-670342F

*III 2807C & ON, 252D & ON, 470E-1308E

*IV 2807C-3184C, 252D-259D, 470E-831E

*V 3185C & ON, 260D & ON, 832E & ON, 670001F & ON

VI 2807C-3466C, 252D-259D

VII 670001C, 670002C, 670005C-670020C, 670022C-670027C

670029C-670031C, 670042C, 670051C

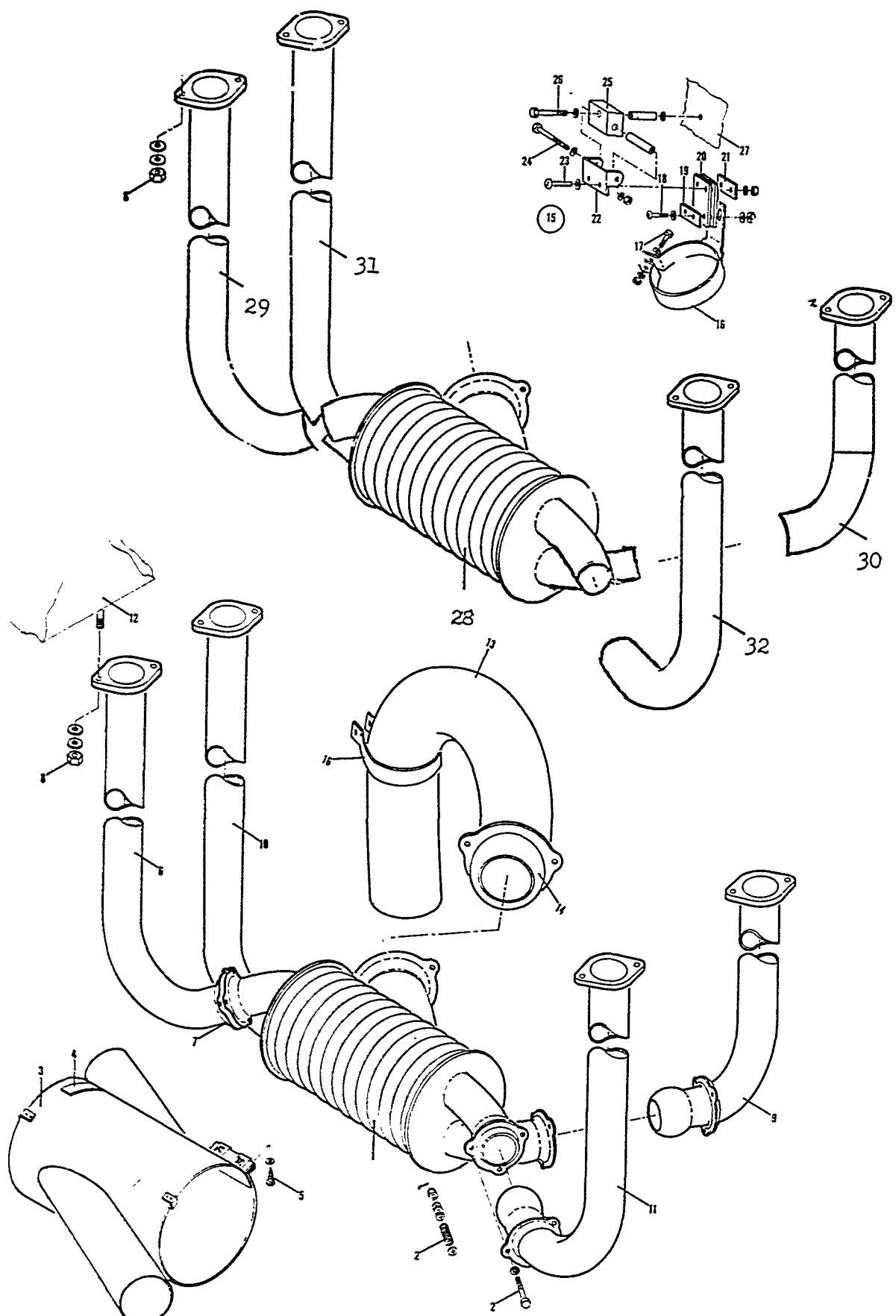


Figure 35A, Mooney Exhaust Systems

FIGURE & INDEX NOS	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC
- 1	630060 001 630045-501	. Muffler, Center Muffler, Center	1	CD
- 2	AN3-15 AN3-16 630072 AN960-10 AN310-3 AN380-2-3	. \varnothing Bolt \varnothing Bolt \varnothing Spring \varnothing Washer \varnothing Nut \varnothing Pin, Cotter	12 12 4 36 12 12	LF CD EF
- 3	630062-001 630057-001 020152-009 020152-017	. Shroud Assy. Shroud Assy. Shroud Assy. Shroud Assy.	1 1 1 1	I II III IV
- 4	630057 017 630057-019	. \varnothing Strap \varnothing Strap	1 1	EF EF
- 5	#8x1 2 AN960-8 A1274-8Z-3 #8x1 2 AN960-8 A1274-8Z-3	. \varnothing Screw \varnothing Washer \varnothing Clip Nut \varnothing Screw \varnothing Washer \varnothing Clip Nut	4 4 4 2 2 2	CD CD CD EF EF EF
- 6	630065-001 630053-505	. Header Assy. Header Assy.	1 1	CD EF
- 7	630055-503	. See index 8 for attach hdw.		
- 8	STD-1410 STD-35 STD-475	. Retainer \varnothing Nut \varnothing Washer \varnothing Washer	1 2 2 2	
- 9	630065-505 630053-001	. Header Assy. Header Assy.	1 1	CD EF
- 10	630065-503 630053-501	. Header Assy. Header Assy.	1 1	
34 - 11	630065-501 630053-503	. \varnothing See Index 8 For Attach Hdw. . Header Assy. Header Assy.	1 1	CD EF
- 12	0-360-AID 10-360-AJA	Ref, Engine Ref, Engine		CG EF
- 13	630066-000 630056-501	. Tail Pipe Assy. Tail Pipe Assy.	1 1	CG IV
- 14	630055-505 630055-507	. Retainer Retainer	1 1	CD EF
- 15	630041-503 630041-501	. Hanger Assy. Hanger Assy.	1 1	CD EF
- 16	630041-021 630041-019 630001-007 630041-013 630089-000 630041-015	. Clamp Assy. Clamp Assy. Clamp Bracket Clamp Bracket	1 1 1 1 1 1	CD EF CD EF CD EF
- 17	AN3-7A AN3-5A AN960-10 AN365-1032	. \varnothing Bolt \varnothing Bolt \varnothing Washer \varnothing Nut	1 1 2 1	CD EF CD EF
- 18	AN515C-R12 AN960-8 AN365-832	. Screw Washer Nut	2 4 2	
- 19	630041-009	. Bracket	1	
- 20	630041-007	. Absorber	2	
- 21	630041-017	. Bracket	1	
- 22	630041-005	. Swivel	1	
- 23	AN515C-8R12 AN960-8 AN365-1032	. Screw Washer Nut	2 4 2	



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFECTIVE DATE
- 24	AN3-16A 914020-020 AN960-10 AN363-1032	. . . @ Bolt @ Bushing @ Washer @ Nut	1 1 1 1	
- 25	630086-000	. . . Block	1	
- 26	AN3-11A 914020-119 AN960-10	. . . @ Bolt @ Bushing @ Washer	1 1 2	
- 27	600139	Ref, FIREWALL		
- 28	630060-501 630045-503	. . Muffler, Center Muffler, Center	1 1	CD EF
- 29	630065-509 630053-511	. . Header Assy. Header Assy.	1 1	CD EF
- 30	630065-513 630053-513 630065-913 630065-013 630053-913 630053-015 C10X.30C C10Y.30-6C AN960-10 AN363-1032	. . Header Assy. Tube Upper Tube Lower Tube Upper Tube Lower Clamp Clamp Washer	1 1 1 1 1 1 1 1 1 1 1 2	CD EF CD CD EF EF EF EF CD CD EF EF
- 31	630065-511 630053-507	. . Header Assy. Header Assy.	1 1	CD EF
- 32	630065-507 630053-509	. . Header Assy. Header Assy.	1 1	CD EF
* Replacement ball joint muffler cores not available, replace with correct assembly items 28 thru 32.				
I 67001C and 670149C				
II 67001E, 670001F and 670539F				
III 2807C thru 3466C, 252 thru 261D				
IV 470E thru 1308E				

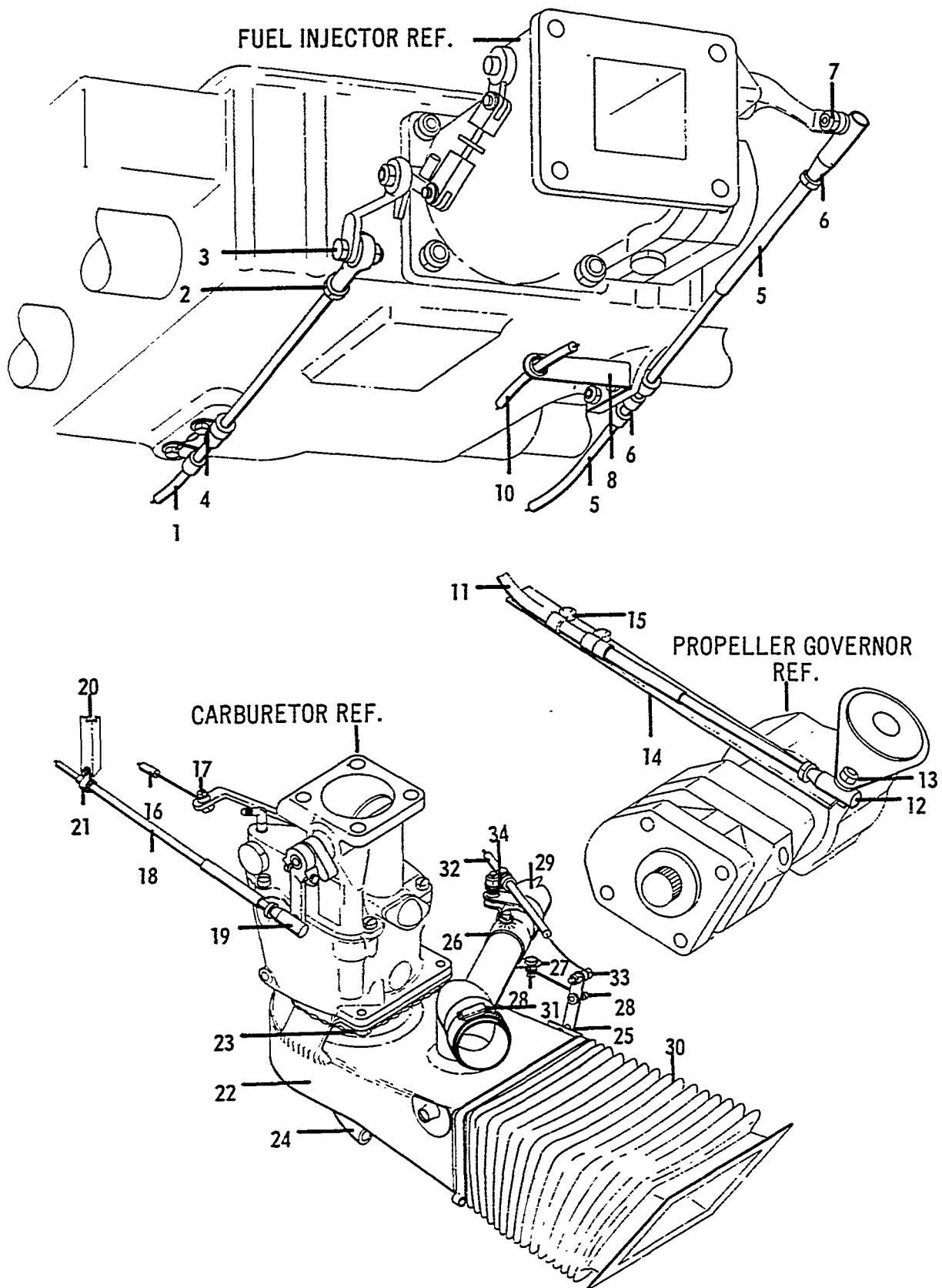


FIGURE 36. Engine Controls

MOONEY**M20 SERIES****PARTS CATALOG**

FIGURE & INDEX NOS	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
36- 1	660190-S	CONTROL ASSY, THROTTLE.....	1	EF
- 2	HF3M	BEARING, ROD END.....	1	EF
- 3	AN3-7	② BOLT.....	1	EF
	AN960-10	② WASHER.....	2	EF
	AN320-3	② NUT.....	1	EF
	AN380-2-2	② PIN, COTTER.....	1	EF
- 4	AN742-5	② CLAMP.....	2	EF
	AN526-1032R7	② SCREW.....	4	EF
	AN960-10	② WASHER.....	8	EF
	AN365-1032	② NUT.....	4	EF
- 5	660189-3	CONTROL ASSY, MIXTURE.....	1	EF
- 6	660051-3	JOINT, SWIVEL.....	1	EF
- 7	AN960-10L	② WASHER.....	1	EF
	AN320-3	② NUT.....	1	EF
	AN380-2-2	② PIN, COTTER.....	1	EF
- 8	MS21919DG4	② CLAMP.....	1	EF
- 9	AN3-4A	② BOLT.....	1	EF
	AN960-10	② WASHER.....	1	EF
	AN365-1032	② NUT.....	1	EF
- 10	21-006-93	CONTROL ASSY, ALTERNATE AIR.....	1	EF
	914038-5	② BOLT, NI.....	1	EF
	914037-3	② BUSHING.....	1	EF
	AN960-10	② WASHER.....	1	EF
	AN320-3	② NUT.....	1	EF
	AN380-2-2	② PIN, COTTER.....	1	EF
	AN742-3	CLAMP, NI.....	2	EF
	914024-2	② BUSHING.....	1	EF
	AN365-1032	② NUT.....	2	EF
	AN960-10	② WASHER.....	2	EF
	AN3-12A	② BOLT.....	1	EF
	AN3-3A	② BOLT.....	1	EF
- 11	660189-5	CONTROL ASSY, PROPELLER GOVERNOR.....	1	
- 12	660051-3	JOINT, SWIVEL.....	1	
	AN316-4R	NUT.....	1	
- 13	AN3-10	② BOLT, NI.....	1	
	AN960-10	② WASHER.....	3	
	AN960-10L	② WASHER.....	1	
	AN320-3	② NUT.....	1	
	AN380-2-2	② PIN, COTTER.....	1	
- 14	660006	SUPPORT.....	1	
	AN960-416	② WASHER.....	AR	
	AN960-416L	② WASHER.....	AR	
		② EXISTING HARDWARE		
- 15	AN746-5	CLAMP.....	2	*III
	AN742-6	CLAMP.....	2	*IV
	AN3-10	② BOLT.....	2	*III
	AN960-10	② WASHER.....	6	*IV
	AN520-10R10	② SCREW.....	2	*IV
	AN960-10	② WASHER.....	6	*III
	AN960-10L	② WASHER.....	2	*IV
	AN365-1032	② NUT.....	2	*III
	914024-3	② BUSHING.....	2	*III
	AN365-1032	② NUT.....	2	*IV
	AN742-6	CLAMP.....	2	*V
	914024-6	② BUSHING.....	2	*V
	AN520-10R14	② SCREW.....	2	*V



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
136- 15	AN960-10	a WASHER.....	8	*V
	AN365-1032	a NUT.....	2	*V
- 16	21-006-89	CONTROL ASSY, MIXTURE.....	1	CD
- 17	914038-5	a BOLT.....	1	CD
	914037-3	a BUSHING.....	1	CD
	AN960-10	a WASHER.....	1	CD
	AN960-10L	a WASHER.....	1	CD
	AN320-3	a LOCKNUT.....	1	CD
	AN380-2-2	a PIN, COTTER.....	1	CD
- 18	660190-3-	CONTROL ASSY, THROTTLE.....	1	CD
- 19	660051-3	JOINT ASSY, SWIVEL.....	1	CD
	AN316-4R	NUT.....	1	CD
	AN960-10L	a WASHER.....	1	CD
	AN320-3	a NUT.....	1	CD
	AN380-2-2	a PIN, COTTER.....	1	CD
	AN960-10L	a WASHER.....	3	CD
- 20	660004	SUPPORT.....	1	CD
- 21	AN742-5	CLAMP.....	1	CD
	AN3-4A	a BOLT.....	1	CD
	AN960-10L	a WASHER.....	1	CD
	AN363-1032	a NUT.....	1	CD
- 22	600063-5	BOX ASSY, CARBURETOR AIR.....	1	CD
	600075-11	. BOX, CARBURETOR AIR.....	1	CD
- 23	600076	a GASKET.....	1	CD
	AN74-4A	a BOLT.....	4	CD
	AN960-4	a WASHER.....	8	CD
- 24	600063-1	. TUBE, VINYL.....	1	CD
	1/4 IN	. a WRAPLOCK.....	1	CD
- 25	600071	. SHAFT ASSY.....	1	CD
	600061	. VALVE ASSY, NI.....	1	CD
	600078	. PLATE, BEARING.....	1	CD
	AN515-8R4	. a SCREW.....	4	CD
	AN935-8L	. a WASHER.....	4	CD
- 26	6C0072	. RING ASSY, BEARING.....	1	CD
	6C0066	. VALVE, NI.....	1	CD
	AN515-6-4	. a SCREW.....	1	CD
	AN935-6	. a WASHER.....	1	CD
- 27	600082	. SHAFT ASSY.....	1	CD
	AN380-3-3	. a PIN, COTTER.....	1	CD
- 28	600063-2	. WIRE.....	1	CD
	D227-1	. a SCREW.....	2	CD
	AN960-416	. a WASHER.....		AR CD
- 29	600067	HOSE.....	1	CD
- 30	600064	DUCT, CARBURETOR AIR.....	1	CD
- 31	640001-5	HOSE, CARBURETOR HEAT.....	1	CD
	QS100M-36	CLAMP.....	2	CD
- 32	21-006-90	CONTROL ASSY, CARBURETOR AIR.....	1	CD
- 33	914038-5	a BOLT.....	1	CD
	914037-3	a BUSHING.....	1	CD
	AN960-10	a WASHER.....	1	CD
	AN960-10L	a WASHER.....	1	CD
	AN960-416	a WASHER.....	1	CD
	AN960-416L	a WASHER.....	1	CD
	AN320-3	a NUT.....	1	CD
	AN380-2-2	a PIN, COTTER.....	1	CD
- 34	AN742D20	CLAMP ASSY.....	1	CD
	MS21919DG4	a CLAMP.....	1	CD

MOONEY**M20 SERIES****PARTS CATALOG**

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
36- 34	AN3-7A	a BOLT.....	1	CD
	AN960-10L	a WASHER.....	1	CD
	AN365-1032	a NUT.....	1	CD
	AN960-10	a WASHER.....	5	CD
*I- 2807C-3466C, 252D & ON, 470E-1308E				
*II- 670001C & ON, 670001E & ON, 670001F & ON				
*III- 2807C-2922C				
*IV- 470E-585E, 252D & ON				
*V- 2923C & ON, 586E & ON, 670001F & ON				

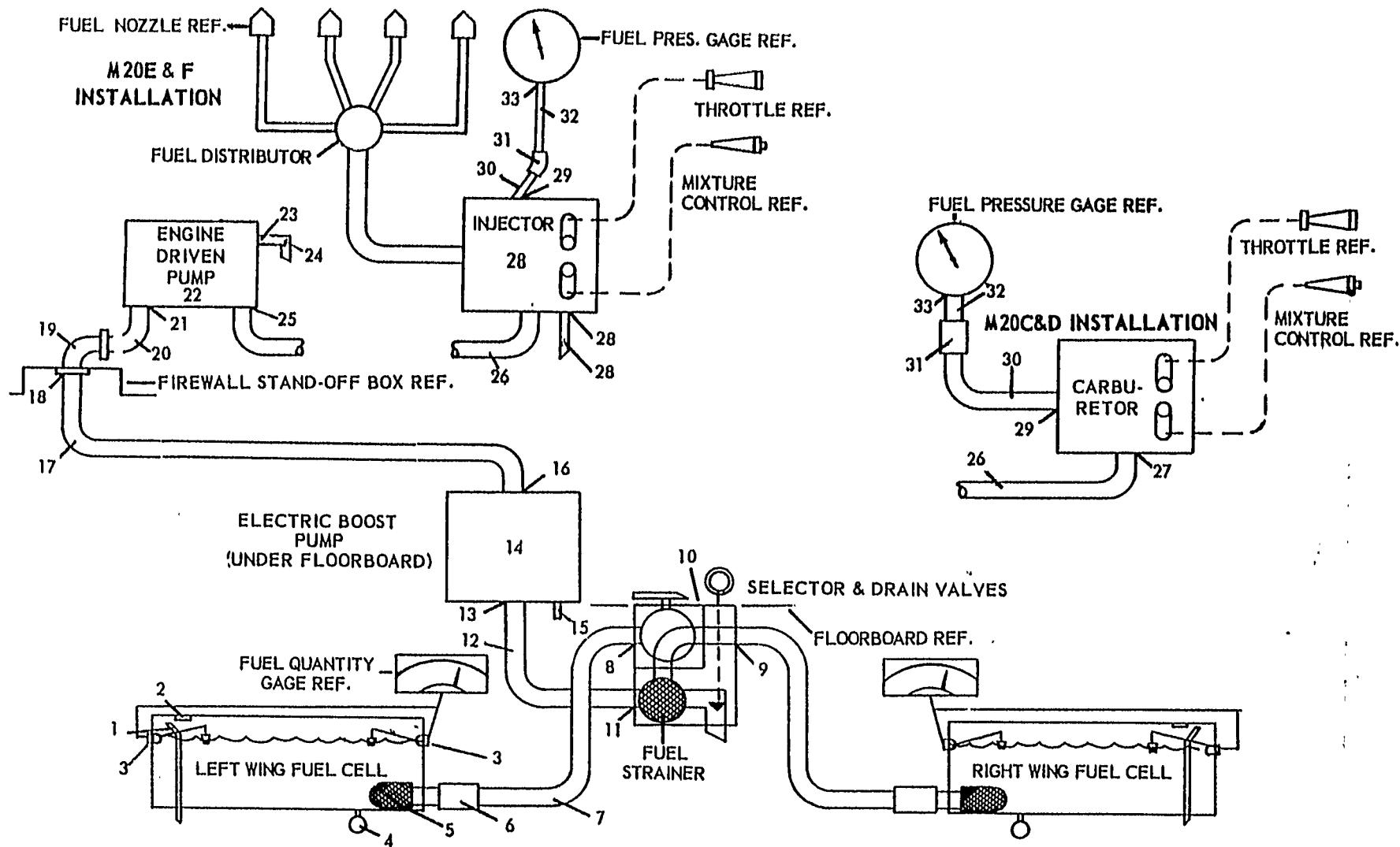


FIGURE 37. Engine Fuel System

MOONEY**M20 SERIES****PARTS CATALOG**

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
37- 1	210098-501	VENT ASSY, FUEL TANK, LH.....	1	CDE
	210098-502	VENT ASSY, FUEL TANK, RH.....	1	CDE
	610151	VENT ASSY, TANK.....	1	F
- 2	610036-503	CAP ASSY, FUEL TANK, LH.....	1	CDE
	610158-1	CAP ASSY, FUEL TANK, LH.....	1	F
	610036-504	CAP ASSY, FUEL TANK, RH.....	1	CDE
	610158-2	CAP ASSY, FUEL TANK, RH.....	1	F
- 3	AC5642354	TRANSMITTER ASSY, FUEL QUANTITY, LH.....	1	CDE
	AC5641991	TRANSMITTER ASSY, FUEL QUANTITY, RH.....	1	CDE
	610161	TRANSMITTER ASSY, FUEL QUANTITY, LH.....	1	F
	610160	TRANSMITTER ASSY, FUEL QUANTITY, RH.....	1	F
- 4	610082	DRAIN ASSY, FUEL TANK.....	2	-
- 5	210100-1	INLET & SCREEN ASSY, LH.....	1	
	210100-2	INLET & SCREEN ASSY, RH.....	1	
- 6	610034-27	HOSE.....	2	CDE
	610152-21	HOSE.....	2	F
	QS100-M8	2 CLAMP.....	4	
- 7	610034-5	LINE, LH.....	1	CDE
	610152-5	LINE, LH.....	1	F
	610034-3	LINE, RH.....	1	CDE
	610152-3	LINE, RH.....	1	F
	610034-29	COVER, LH, NI.....	1	CDE
	610152-17	COVER, LH, NI.....	1	F
	610034-31	COVER, RH, NI.....	1	CDE
	610152-15	COVER, RH, NI.....	1	F
- 8	AN822-6D	ELBOW.....	1	CDE
	AN816-6D	ELBOW.....	1	F
- 9	AN816-16D	ELBOW.....	1	
- 10	HE-771	VALVE ASSY, DRAIN.....	1	
	610039-3	SPACER.....	1	
	HE-769	VALVE & STRAINER ASSY.....	1	
	AN507-1024-R6	2 SCREW.....	1	CDE
- 11	AN816-16D	ELBOW.....	1	
- 12	610034-47	LINE.....	1	CDE
	610152-7	LINE.....	1	F
- 13	610076	FITTING.....	1	
	AN6289-6D	NUT.....	1	
	AN6291-6	RING, BACK-UP.....	1	
	MS29512-6	O-RING.....	1	
- 14	610153	PUMP ASSY, ELECTRIC BOOST.....	1	CD
	610153-501	PUMP ASSY, ELECTRIC BOOST.....	1	EF
- 15	2140-93	FITTING.....	1	
- 16	610077	FITTING.....	1	
	AN6289-6	NUT.....	1	
	AN6291-6	RING, BACK-UP.....	1	
	MS29512-6	O-RING.....	1	
- 17	610034-45	LINE.....	1	CDE
	610034-49	COVER.....	1	CDE
	610152-9	LINE.....	1	F
	610152-19	COVER.....	1	F
- 18	924-6	NUT.....	1	
	AN960-916	WASHER.....	1	
- 19	AN833-6	ELBOW.....	1	
	AN960-916	WASHER.....	1	
- 20	S111-312F-	HOSE.....	1	CD
	312-6-18 1/2	HOSE.....	1	E
	MS28741-6-14			



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
37- 21	75505	ADAPTER.....	1	
	MS29512-6	O-RING.....	1	
- 22	6440174	PUMP, ENGINE DRIVEN FUEL.....	1	*I
	6440295	PUMP, ENGINE DRIVEN FUEL.....	1	*II
	6440160	PUMP, ENGINE DRIVEN FUEL.....	1	*III
	5656999	PUMP, ENGINE DRIVEN FUEL.....	1	*IV
	6440296	PUMP, ENGINE DRIVEN FUEL.....	1	*V
- 23	AN822-4D	FITTING.....	1	
- 24	610152-11	LINE.....	1	
- 25	75505	ADAPTER.....	1	
	MS29517-6	O-RING.....	1	
- 26	SF111-312-	LINE.....	1	
	646-65-14	NIPPLE.....	1	CD
- 27	AN816-6D	INJECTOR ASSY.....	1	*VI
- 28	2524054-1	INJECTOR ASSY.....	1	*VII
	2524054-2	INJECTOR ASSY.....	1	*VI
	610041-1	FITTING, NI.....	1	/ *VII
	610122	FITTING, NI.....	1	E
	610034-11	LINE, DRAIN.....	1	F
	610152-13	LINE, DRAIN.....	1	
	610042	OUTLET.....	1	E
	610022	OUTLET.....	1	F
- 29	610013-501	RESTRICTOR.....	1	*VI
	610120	RESTRICTOR.....	1	*VII
	610013-1	RESTRICTOR.....	1	CD
- 30	MS28741-3-451/2	HOSE, FLEX.....	1	EF
	AN6270-2-35	LINE.....	1	CD
- 31	AN833-2	ELBOW.....	1	EF
	AN924-2	NUT.....	1	EF
	AN960-516	WASHER.....	2	EF
	AN833-3	ELBOW.....	1	CD
	AN924-2	NUT.....	1	CD
	AN960-616	WASHER.....	2	CD
- 32	MS28741-3-19	HOSE, FLEX.....	1	EF
	AN6270-2-19	LINE.....	1	CD
- 33	22-627-01	SNUBBER.....	1	EF
	22-627-02	SNUBBER.....	1	CD

*I- 2807C-3187C, 252D-260D

*II- 3188C & ON, 261D & ON

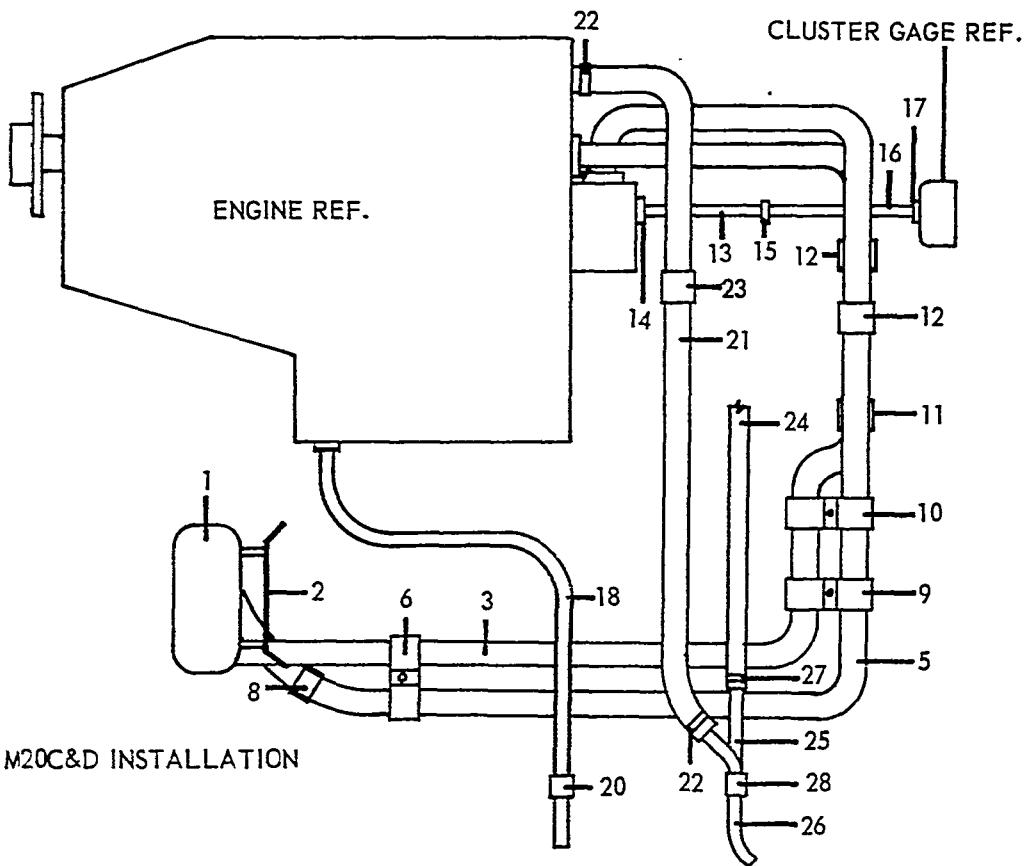
*III- 470E

*IV- 471E-665E

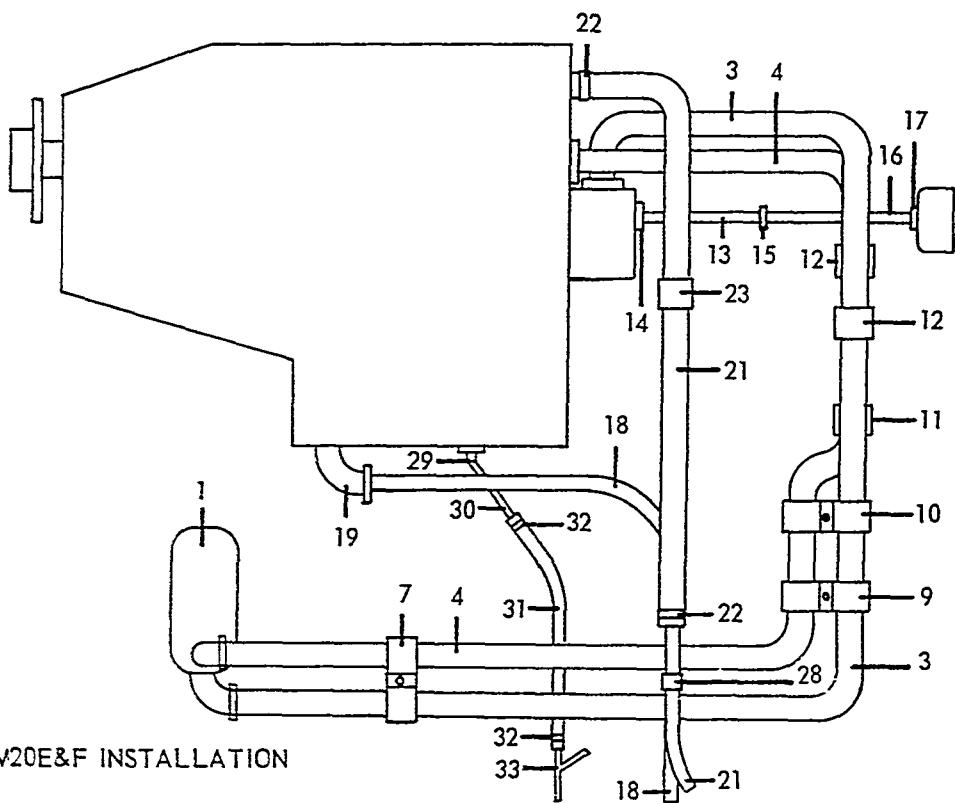
*V- 666E & ON, 670001F & ON

*VI- 470E-559E 561E-584E 586E 590E

*VII- 560E 585E 587E-589E 591E & ON, 670001F & ON



M20C&D INSTALLATION



M20E&F INSTALLATION

FIGURE 38. Engine Oil System

Island Enterprises

MOONEY**M20 SERIES****PARTS CATALOG**

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
38- 1	620001-3 620016 620036 AN3-4A AN960-10 AN363-1032 AN3-4A AN960-10 AN363-1032 620015-1	RADIATOR, OIL..... RADIATOR, OIL..... RADIATOR, OIL..... @ BOLT, IB..... @ WASHER, IB..... @ NUT, IB..... @ BOLT, OB..... @ WASHER, OB..... @ NUT, UB..... PLATE.....	1 1 1 2 2 2 2 2 2 1	* I EF * II EF
- 2	650018-7 914022-19 AN3-16A AN960-10L AN960-10 AN363-1032 914022-5 AN3-13A AN960-10L AN960-10 AN363-1032	DEFLECTOR, AIR @ BUSHING, OB..... @ BOLT, OB..... @ WASHER..... @ WASHER..... @ NUT..... @ BUSHING, IB..... @ BOLT..... @ WASHER..... @ WASHER..... @ NUT.....	2 2 6 2 2 2 2 2 2 2	CD CD CD CD CD CD CD CD CD CD
- 3	SF111-312-649- 8D-50 AN822-8D 621008 #249 AN995-C32	HOSE, FLEX..... • ELBOW /AT RADIATOR/..... • FITTING /AT ENGINE/..... • O-RING..... • WIRE, LOCK.....	1 1 1 1 AR	
- 4	SF111-312-649- 8D-53 AN816-8D AN616-8D	HOSE, FLEX..... • ELBOW /AT RADIATOR/..... • ELBOW /AT ENGINE/.....	1 1 1	EF EF EF
- 5	SF111-312-312- 8D-55 822-8D 816-8D	HOSE, FLEX..... • ELBOW /AT RADIATOR/..... • ELBOW /AT ENGINE/.....	1 1 1	CD CD CD
- 6	MS21919DG-12 AN3-16A 914024-5 AN960-10 AN363-1032	CLAMP..... @ BOLT..... @ BUSHING..... @ WASHER..... @ NUT.....	2 1 1 1 1	CD CD CD CD CD
- 7	ADEL444S-12-1-8 AN3-5A AN960-10 AN363-1032	CLAMP..... @ BOLT..... @ WASHER..... @ NUT.....	1 1 3 1	EF EF EF EF
- 8	MS21919DG-12 AN3-5A AN960-10 AN363-1032	CLAMP..... @ BOLT..... @ NUT..... @ NUT.....	1 1 1 1	CD CD CD CD
- 9	MS21919DG-12 AN3-12A 914024-3 AN970-3 AN363-1032	CLAMP..... @ BOLT..... @ BUSHING..... @ WASHER..... @ NUT.....	2 1 1 1 1	
- 10	MS21919-12 AN526-1032-6 914024-2 AN970-3	CLAMP..... @ SCREW..... @ BUSHING..... @ WASHER.....	1 1 1 1	



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FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
38- 10	AN316-3	@ NUT.....	1	
- 11	MS21919DG-12	CLAMP.....	1	
	AN3-5A	@ BOLT.....	1	
	AN960-10	@ WASHER.....	1	
	AN365-1032	@ NUT.....	1	
- 12	MS21919DG-12	CLAMP.....	2	
	AN3-5A	@ BOLT.....	2	
	AN970-3	@ WASHER.....	4	
	AN960-10	@ WASHER.....	2	
	AN363-1032	@ NUT.....	2	
- 13	MS28741-3-19	HOSE.....	2	EF
- 14	620007-1	ELBOW.....	2	EF
- 15	AN832-3	FITTING.....	2	EF
	AN924-3	• NUT.....	2	EF
	AN960-616	• WASHER.....	2	EF
- 16	SF111-312-312- 3-15	LINE, FLEX.....	2	CD
- 17	AN816-3D	• NIPPLE.....	1	CD
- 18	HD-LF-180	HOSE, QUICK DRAIN OIL.....	1	
- 19	AN911-4D	NIPPLE.....	1	EF
	AN916-4D	ELBOW.....	1	EF
- 20	AN742-10	CLAMP /AT FIREWALL/.....	1	CD
	AN526-1032R-10	@ SCREW.....	1	CD
	AN970-3	@ WASHER.....	2	CD
	AN363-1032	@ NUT.....	1	CD
- 21	620013-3	TUBE, BREATHER.....	1	
- 22	QS100M-10	CLAMP.....	2	
- 23	AN742-8	CLAMP.....	1	
	MS21919DG-18	CLAMP.....	1	
	AN526-1032R8	@ SCREW.....	1	
	AN960-10	@ WASHER.....	1	
	AN363-1032	@ NUT.....	1	
- 24	912004-11	HOSE, BATTERY BOX DRAIN.....	1	CD
- 25	620006-3	TUBE.....	1	CD
- 26	620013-5	TUBE.....	1	
- 27	#2702	WRAPLOCK.....	1	CD
- 28	AN742-8	CLAMP.....	1	CD
	AN742-10	CLAMP.....	1	CD
	AN742-12	CLAMP.....	1	
	914035-5	@ BUSHING.....	1	
	AN3-10	@ BOLT.....	1	
	AN970-3	@ WASHER.....	1	
	AN960-10	@ WASHER.....	1	
	AN363-1032	@ NUT.....	1	
- 29	610041-1	FITTING.....	1	EF
- 30	610034-35	LINE, FUEL DRAIN.....	1	EF
- 31	610034-39	HOSE.....	1	EF
- 32	A3122-8-1	@ CLAMP.....	2	EF
- 33	610042	OUTLET.....	1	EF

*I- 2807C-3378C, 252D-259D

*II- 3379C & ON, 260D & ON

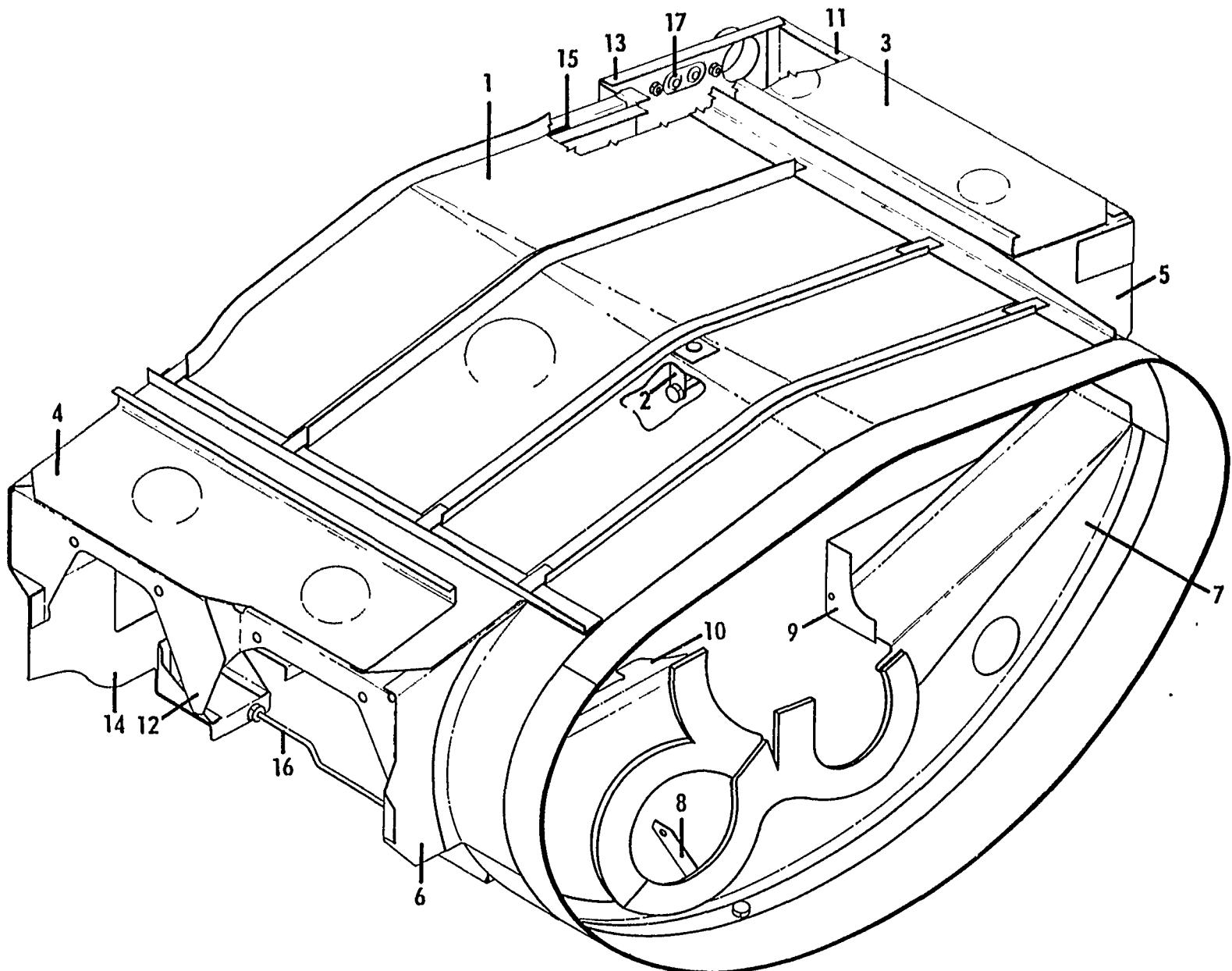


FIGURE 39. Engine Baffle Assembly (1965-1966)

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FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
39- 1	600027-1	BAFFLE ASSY, TOP, NI.....	1	*I
	600027-501	BAFFLE ASSY, TOP, NI.....	1	*II
	600037-1	. PLATE.....	1	*I
	600037-501	. PLATE.....	1	*II
	600026	. PLATE.....	1	*I
	600026-501	. PLATE.....	1	*II
	600197	. EXTENSION ASSY.....	1	*II
	600197-5	. . FLANGE.....	1	*II
	912025	. . SEAL, RUBBER.....	1	*II
	600197-3	. . FLANGE.....	1	*II
	AN470-A3	. . @ RIVET.....	AR	*II
	AN960-4	. . @ WASHER.....	AR	*II
	600031	. DOUBLER, PLATE.....	1	CD
	600036	. STIFFENER, ANGLE.....	1	CD
	600033-1	. STIFFENER, ANGLE.....	1	CD
	600032	. TUBE ASSY, BLAST.....	2	CD
	#4X1/4	. @ SCREW.....	4	CD
	912004-7	. HOSE.....	2	CD
	#18	. @ WIRE, SAFETY.....	AR	CD
	912003-2	. SEAL, RUBBER.....	1	CD
	#290	. @ STICHES, WIRE.....	AR	CD
	600138-501	BAFFLE ASSY, TOP.....	1	E
	#4X3/8	@ SCREW.....	21	E
	A6187-4Z-1	@ SPEED NUT.....	21	E
	600138-3	. PLATE.....	1	E
	600138-15	. STIFFENER, LH.....	1	E
	600138-13	. STIFFENER, RH.....	1	E
	600138-21	. STIFFENER, TRANSVERSE, FWD.....	1	E
	600138-19	. STIFFENER, TRANSVERSE.....	1	E
	600138-9	. STIFFENER, TRANSVERSE.....	1	E
	600138-11	. STIFFENER, TRANSVERSE, AFT.....	1	E
	600138-17	. CLIP.....	8	E
	600138-7	. DOUBLER, PLATE.....	1	E
	912003-2	. SEAL, RUBBER.....	1	E
	#290	. @ STICHES, WIRE.....	AR	E
- 2	600135-1	SUPPORT ASSY, BRACKET.....	1	CD
	AN526-10R6	@ SCREW.....	1	CD
	600135-1	SUPPORT ASSY, BRACKET.....	1	E
- 3	AN520-10R8	@ SCREW.....	1	E
	600030	DOOR ASSY, SPARK PLUG ACCESS, LH.....	1	CD
	#4X3/8	@ SCREW.....	AR	CD
	A6187-4Z-1	@ SPEED NUT.....	AR	CD
	600030-2	. PLATE.....	1	CD
	600030-1	. FLANGE.....	1	CD
	600136-501	DOOR ASSY, SPARK PLUG ACCESS, LH.....	1	E
	#4X3/8	@ SCREW.....	9	E
	A6187-4Z-1	@ SPEED NUT.....	9	E
	600136-5	. PLATE.....	1	E
	600136-7	. STIFFENER.....	1	E
- 4	600043	DOOR ASSY, SPARK PLUG ACCESS, FWD, RH, NI	1	CD
	#4X3/8	@ SCREW.....	AR	CD
	A6187-4Z-1	@ SPEED NUT.....	AR	CD
	600043-7	. PLATE.....	1	CD
	600043-9	. FLANGE.....	1	CD
	600043-11	. CLIP.....	2	CD
	600044	DOOR ASSY, SPARK PLUG ACCESS, AFT, RH, NI	1	CD
	#4X3/8	@ SCREW.....	AR	CD



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
39- 4	A6187-4Z-1	• SPEED NUT.....	AR	CD
	600044-7	• PLATE.....	1	CD
	600044-9	• FLANGE.....	1	CD
	600181-1	DOOR ASSY, SPARK PLUG ACCESS, RH.....	1	E
	#4X3/8	• SCREW.....	9	E
	A6187-4Z-1	• SPEED NUT.....	9	E
	600181-3	• PLATE.....	1	E
	600181-5	• STIFFENER.....	1	E
	600181-7	• STIFFENER.....	1	E
- 5	600041-1	BAFFLE ASSY, FWD CORNER, LH, NI.....	1	CD
	AN503-416-8	• SCREW.....	2	CD
	AN936A-416	• WASHER.....	2	CD
	600022-2	• BAFFLE.....	1	CD
	600045	• BAFFLE.....	1	CD
	600016	• CLIP.....	1	CD
	600017	• CLIP.....	1	CD
	600151	BAFFLE ASSY, FWD CORNER, LH.....	1	E
	AN520-10R8	• SCREW.....	1	E
	AN936A10	• WASHER.....	1	EE
	#65614	• FITTING.....	1	EE
	AN503-416-8	• SCREW.....	2	EE
	AN936A-416	• WASHER.....	2	EE
	#4X3/8	• SCREW.....	2	EE
	A6187-4Z-1	• SPEED NUT.....	2	EE
	600151-3	• BAFFLE.....	1	EE
	#4X3/8	• • SCREW.....	1	EE
	A1890-4Z-1	• • SPEED NUT.....	1	EE
	600022-2	• BAFFLE.....	1	EE
	600151-5	• DOUBLER.....	1	E
- 6	600039	BAFFLE ASSY, FWD CORNER, RH, NI.....	1	CD
	AN503-416-8	• SCREW.....	2	CD
	AN936A-416	• WASHER.....	2	CD
	600023-2	• BAFFLE.....	1	CD
	600038	• BAFFLE.....	1	CD
	60C152	BAFFLE ASSY, FWD CORNER, RH.....	1	E
	AN503-416-8	• SCREW.....	2	EE
	AN936A-416	• WASHER.....	2	EE
	AN520-10R10	• SCREW.....	1	EEE
	An970-3	• WASHER.....	1	EEE
	AN936A-10	• WASHER.....	1	EEE
	#65614	• FITTING.....	1	EEE
	#4X3/8	• SCREW.....	2	EEE
	A1890-4Z-1	• SPEED NUT.....	1	EE
	A6187-4Z-1	• SPEED NUT.....	1	EE
	60C152-3	• PLATE, SIDE.....	1	EEE
	60C152-5	• PLATE, FRONT.....	1	EEE
	60C023-2	• BAFFLE.....	1	E
- 7	60C028-503	BAFFLE ASSY, LOWER FRONT, NI.....	1	CD
	60C028-505	BAFFLE ASSY, LOWER FRONT.....	1	E
	#4X3/8	• SCREW.....	8	
	A1890-4Z-1	• SPEED NUT.....	8	
	600028-5	• BAFFLE, NI.....	1	CD
	60C028-7	• BAFFLE.....	1	E
	60C137-3	• FITTING, HOSE.....	1	E
	60C042-2	• SEAL, FELT.....	1	
	An470-A4	• RIVET.....	11	
	An960-6L	• WASHER.....	11	

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FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
39- 7	912003-1	• SEAL, RUBBER.....	1	
	#290	• @ STICHES, WIRE.....	AR	
- 8	600035-2	SUPPORT.....	1	
	AN3-4A	@ BOLT.....	1	
	AN960-10	@ WASHER.....	1	
	AN365-1032	@ NUT.....	1	
- 9	600018	BAFFLE, FRONT, LH, NI.....	1	CD
	AN503-416-8	@ SCREW.....	1	CD
	AN936A-416	@ WASHER.....	1	CD
	600021-3	• PLATE, BAFFLE, NI.....	1	CD
	#4X3/8	@ SCREW.....	6	CD
	A1890-4Z-1	@ SPEED NUT.....	6	CD
	AN515-10-10	@ SCREW.....	1	CD
	AN936A-10	@ WASHER.....	1	CD
	600019	• BRACKET, PLATE, NI.....	2	CD
	600020	• BRACKET, PLATE, NI.....	1	CD
	600132	BAFFLE ASSY, FRONT, LH.....	1	E
	AN503-416-8	@ SCREW.....	1	E
	AN936A-10	@ WASHER.....	1	E
	#4X3/8	@ SCREW.....	7	E
	A1890-4Z-1	@ SPEED NUT.....	7	E
	600021-3	• PLATE, BAFFLE.....	1	E
	600007-2	• BRACKET.....	1	E
	600132-3	• BAFFLE.....	1	E
- 10	600156	BAFFLE ASSY, FRONT, RH, NI.....	1	CD
	#4X3/8	@ SCREW.....	4	CD
	A1890-4Z-1	@ SPEED NUT.....	4	CD
	600156-3	• PLATE, BAFFLE.....	1	CD
	600024	• BRACKET, PLATE.....	1	CD
	600019	• BRACKET, PLATE.....	1	CD
	600024-3	• SEAL, FELT.....	1	CD
	#290	@ STICHES, WIRE.....	AR	CD
	600134-501	BAFFLE ASSY, FRONT, RH.....	1	E
	#4X3/8	@ SCREW.....	7	E
	A1890-4Z-1	@ SPEED NUT.....	6	E
	A6187-4Z-1	@ SPEED NUT.....	1	E
	600134-9	• BAFFLE.....	1	E
	600134-7	• BRACKET.....	1	E
	600134-5	• BAFFLE.....	1	E
	600134-3	• BAFFLE.....	1	E
	600024-3	• SEAL, FELT.....	1	E
	#290	@ STICHES, WIRE.....	AR	E
- 11	600046	BAFFLE ASSY, AFT SIDE, LH, NI.....	1	CD
	AN503-416-8	@ SCREW.....	2	CD
	AN936A-416	@ WASHER.....	2	CD
	600046-7	• BAFFLE.....	1	CD
	600034	• TUBE ASSY, BATTERY BLAST.....	1	CD
	600153-1	BAFFLE, AFT SIDE, LH.....	1	E
	AN503-416-8	@ SCREW.....	2	E
	AN936A-416	@ WASHER.....	2	E
	AN520-10R10	@ SCREW.....	1	E
	AN936A-10	@ WASHER.....	1	E
	AN960-10	@ WASHER.....	2	E
	#65614	@ FITTING.....	1	E
	#4X3/8	@ SCREW.....	1	E
	A1890-4Z-1	@ SPEED NUT.....	1	E
- 12	600014	BAFFLE ASSY, AFT SIDE, RH, NI.....	1	CD



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
39- 12	AN503-416-8	a SCREW.....	2	CD
	AN936A-416	a WASHER.....	2	CD
	600014-1	• BAFFLE.....	1	CD
	600014-3	• BAFFLE.....	1	*III
	600017	• CLIP.....	1	CD
	600016	• CLIP.....	1	CD
	600154-1	BAFFLE, AFT SIDE, RH.....	1	E
	AN503-416-8	a SCREW.....	2	E
	AN936A-416	a WASHER.....	2	E
	#4X3/8	a SCREW.....	2	E
	A1890-4Z-1	a SPEED NUT.....	2	E
- 13	600013-501	BAFFLE ASSY, REAR, LH, NI.....	1	CD
	#4X3/8	a SCREW.....	5	CD
	A1890-4Z-1	a SPEED NUT.....	5	CD
	600011-3	• BAFFLE.....	1	CD
	600012-1	• STIFFENER.....	1	CD
	600012-2	• STIFFENER.....	1	CD
	600042-4	• SEAL, FELT.....	1	CD
	AN470-A4	• a RIVET.....	4	CD
	AN960-6L	• a WASHER.....	4	CD
	600177	BAFFLE ASSY, REAR, LH.....	1	E
	#4X3/8	a SCREW.....	1	E
	A1890-4Z-1	a SPEED NUT.....	1	E
	600128-501	• BAFFLE.....	1	E
	650026	• CONNECTOR, HOSE.....	1	E
	640001-3	• HOSE, NI.....	1	*IV
	QS100M-16	• a CLAMP, NI.....	2	*IV
	600189	• COVER ASSY, FUEL PUMP BLAST SHROUD, NI.....	1	*IV
	600189-3	• COVER ASSY, TOP, NI.....	1	*IV
	600189-5	• COVER ASSY, ASBESTOS, NI.....	1	*IV
	AN470-A3	• a RIVET.....	AR	*IV
	AN960-PD2	• a WASHER.....	AR	*IV
	600141-503	• TUBE ASSY, BLAST.....	1	E
	600141-13	• TUBE.....	1	E
	600141-11	• PLATE.....	1	E
	600012-2	• BRACKET.....	1	E
	600012-1	• BRACKET.....	1	CD
- 14	600009-1	BAFFLE ASSY, REAR, RH, NI.....	1	CD
	#4X3/8	a SCREW.....	5	CD
	A1890-4Z-1	a SPEED NUT.....	5	CD
	AN515-10-10	a SCREW.....	1	CD
	600010-9	• BAFFLE.....	1	CD
	600008	• BOX.....	1	CD
	600047	• CONNECTOR, HOSE.....	1	CD
	600007-1	• BRACKET.....	1	CD
	600007-2	• BRACKET.....	1	CD
	600042-5	• SEAL, FELT.....	1	CD
	AN470-A4	• a RIVET.....	4	CD
	AN960-6L	• a WASHER.....	4	CD
	600131-501	BAFFLE ASSY, REAR, RH.....	1	E
	AN520-10R8	a SCREW.....	1	E
	AN936A-10	a WASHER.....	1	E
	#65614	a FITTING.....	1	E
	#4X3/8	a SCREW.....	6	E
	A6187-4Z-1	a SPEED NUT.....	6	E
	600131-5	• BAFFLE.....	1	E
	600008	• BOX, BAFFLE.....	1	E

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FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
39- 14	600141-501	• TUBE ASSY, BLAST.....	1	E
	600007-2	• BRACKET.....	1	E
	600007-3	• BRACKET.....	1	E
	600042-5	• SEAL, FELT.....	1	E
	AN470-A4	• a RIVET.....	4	E
	AN960-4L	• a WASHER.....	4	E
- 15	600040-1	SUPPORT ASSY, REAR, NI.....	1	CD
	#4X1/2	a SCREW.....	4	CD
	AN960-6L	a WASHER.....	4	CD
	A1890-4Z-1	a SPEED NUT.....	4	CD
	#4X3/8	a SCREW.....	2	CD
	A1890-4Z-1	a SPEED NUT.....	2	CD
	600040-7	• SUPPORT.....	1	CD
	600042-1	• SEAL, FELT.....	1	CD
	AN470-A4	• a RIVET.....	5	CD
	AN960-6L	• a WASHER.....	5	CD
	600176-1	SUPPORT ASSY, REAR.....	1	E
	#4X3/8	a SCREW.....	6	E
	A1890-4Z-1	a SPEED NUT.....	6	E
	600176-3	• SUPPORT.....	1	E
	6G0042-1	• SEAL, FELT.....	1	E
	AN470-A4	• a RIVET.....	6	E
	AN960-6L	• a WASHER.....	6	E
- 16	600029-2	TIEROD, NI.....	4	CD
	AN365-632	a NUT.....	2	CD
	AN340-632	a NUT.....	2	CD
	600029-2	TIEROD.....	2	E
	600029-1	TIEROD, NI.....	2	E
	AN365-632	a NUT.....	2	E
	AN340-632	a NUT.....	2	E
*I- 2807C-3184C, 252D-259D				
*II- 3185C & ON, 260D & ON				
*III- 3126C & ON, 258D & ON				
*IV- 832E & ON				

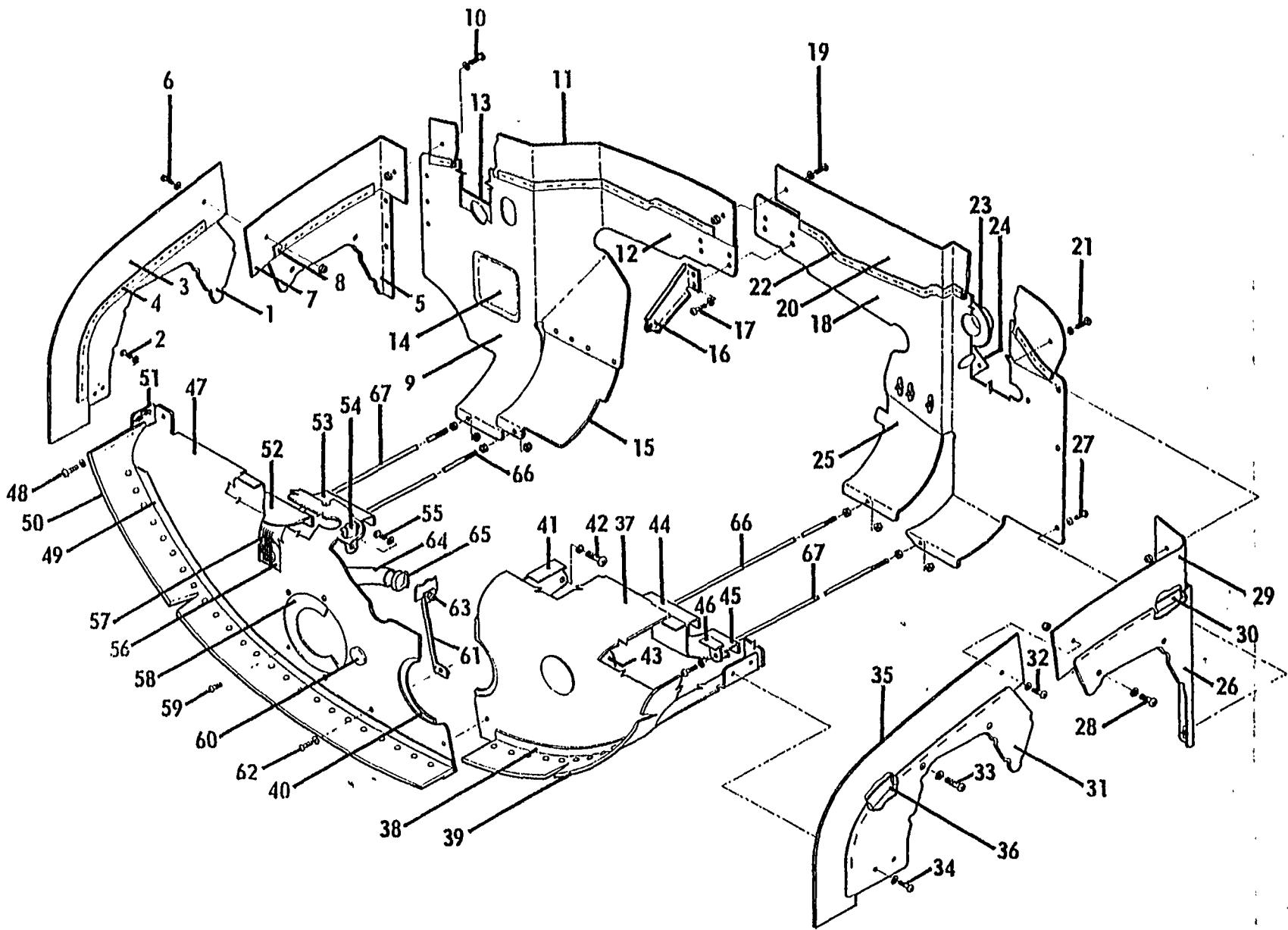


FIGURE 40. Engine Baffle Assembly (1967 & ON)



FIGURE & INDEX NOS	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
40- 1	600210-1	BAFFLE ASSY, FWD, RH SIDE.....	1	F
	600210-3	• BAFFLE.....	1	F
- 2	AN515-6R8	• @ SCREW.....	2	F
	AN960-6L	• @ WASHER.....	2	F
	AN503-416-8	• @ SCREW, NI.....	2	F
	AN936-A416	• @ WASHER, NI.....	2	F
- 3	600210-7	• SEAL, RUBBER.....	1	F
- 4	600210-5	• DOUBLER.....	1	F
- 5	600209-1	BAFFLE ASSY, AFT, RH SIDE.....	1	
	600209-3	• BAFFLE.....	1	F
- 6	AN507-632R7	• @ SCREW.....	1	F
	AN960-6L	• @ WASHER.....	1	F
	AN960-8L	• @ WASHER.....	1	F
	AN365-632	• @ NUT.....	1	F
	M12600-62	• @ NUT PLATE, NI.....	3	F
- 7	600209-7	• SEAL.....	1	F
- 8	600209-5	• DOUBLER.....	1	F
- 9	600207-1	BAFFLE ASSY, AFT, RH.....	1	
	600207-3	• BAFFLE.....	1	F
- 10	AN515-6R8	• @ SCREW.....	4	F
	AN960-6L	• @ WASHER.....	4	F
	65614	• PLUG, NI.....	4	F
	NAS1190-3PBN	• @ SCREW, NI.....	4	F
	AN960-10	• @ WASHER, NI.....	4	F
- 11	600207-11	• SEAL.....	1	F
- 12	600207-9	• DOUBLER.....	1	F
- 13	600236	• TUBE, BLAST.....	1	F
- 14	600207-5	• WELL, BAFFLE.....	1	F
- 15	600207-7	• ATTACHMENT, FLANGE.....	1	F
- 16	600215	BRACKET ASSY, BAFFLE SUPPORT.....	1	F
- 17	AN515-6R8	@ SCREW.....	2	F
	AN960-6L	@ WASHER.....	2	F
- 18	600208-1	BAFFLE ASSY, AFT, LH.....	1	F
	600208-3	• BAFFLE.....	1	F
- 19	AN515-6R8	• @ SCREW.....	2	F
	AN960-6L	• @ WASHER.....	2	F
- 20	600208-7	• SEAL.....	1	F
- 21	AN506-632R7	• @ SCREW.....	2	F
	AN960-6L	• @ WASHER.....	2	F
	AN960-8L	• @ WASHER.....	2	F
	AN365-632	• @ NUT.....	2	F
- 22	600208-5	• DOUBLER.....	1	F
- 23	650026	• CONNECTOR.....	1	F
	AN501-10-8	• @ SCREW.....	2	F
	AN960-10	• @ WASHER.....	4	F
	AN365-1032	• @ NUT.....	2	F
- 24	600141-1	• TUBE, BLAST.....	1	F
- 25	600208-9	• ATTACHMENT, FLANGE.....	1	F
	AN3-4A	• @ SCREW.....	3	F
	AN960-10	• @ WASHER.....	3	F
	RM52LHTA51A-02	• @ NUT PLATE.....	3	F
- 26	600211-1	BAFFLE ASSY, AFT, LH SIDE.....	1	F
	600211-3	• BAFFLE.....	1	F
- 27	AN515-6R8	• @ SCREW.....	3	F
	AN960-6L	• @ WASHER.....	3	F
	M12600-62	• @ NUT PLATE.....	3	F
- 28	AN503-416-8	• @ SCREW.....	2	F



M20 SERIES

PARTS CATALOG

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
40- 28	AN936-AA16	• @ WASHER.....	2	F
- 29	600211-7	• SEAL.....	1	F
- 30	600211-5	• DOUBLER.....	1	F
- 31	600212-1	BAFFLE ASSY, FWD, LH SIDE.....	1	F
	600212-3	• BAFFLE.....	1	F
- 32	AN507-632R7	• @ SCREW.....	1	F
	AN960-6L	• @ WASHER.....	1	F
	AN960-8L	• @ WASHER.....	1	F
	AN365-632	• @ NUT.....	1	F
- 33	AN503-416-8	• @ SCREW.....	2	F
	AN936-A416	• @ WASHER.....	2	F
- 34	AN515-6R8	• @ SCREW.....	2	F
	AN960-6L	• @ WASHER.....	2	F
- 35	600212-7	• SEAL.....	1	F
- 36	600212-5	• DOUBLER.....	1	F
- 37	600214	BAFFLE ASSY, FRONT, LH.....	1	F
	600214-3	• BAFFLE.....	1	F
	AN526-1032R9	• @ SCREW.....	1	F
	AN960-10	• @ WASHER.....	1	F
- 38	600214-9	• FLANGE.....	1	F
	AN470A3	• @ RIVET.....	13	F
	AN960-2L	• @ WASHER.....	13	F
- 39	600214-17	• SEAL, RUBBER.....	1	F
- 40	600214-15	• SEAL, FELT.....	1	F
- 41	600214-5	• BRACKET.....	1	F
- 42	AN470A3	• @ RIVET.....	2	F
	AN960-2L	• @ WASHER.....	2	F
	M12600-62	• @ NUT PLATE.....	2	F
- 43	600137-3	• CONNECTOR.....	1	F
- 44	600214-11	• SEAL.....	1	F
- 45	600214-13	• SEAL.....	1	F
- 46	600214-7	• BRACKET.....	1	F
- 47	600213	BAFFLE ASSY, FRONT, RH.....	1	F
	600213-3	• BAFFLE.....	1	F
- 48	AN426A3	• @ RIVET.....	2	F
	AN960-2L	• @ WASHER.....	2	F
- 49	600213-5	• FLANGE.....	1	F
	AN470A3	• @ RIVET.....	23	F
	AN960-2L	• @ WASHER.....	23	F
- 50	600213-17	• SEAL, RUBBER.....	1	F
- 51	600213-13	• FLANGE ASSY, SUPPORT.....	1	F
	AN426AD3	• @ RIVET.....	2	F
	AN960-2L	• @ WASHER.....	2	F
	M12600-62	• @ NUT PLATE.....	2	F
	600213-11	• FLANGE, SUPPORT.....	2	F
- 52	600213-7	• SEAL.....	1	F
- 53	600213-9	• SEAL.....	1	F
- 54	600213-19	• SUPPORT.....	1	F
- 55	AN515-416-6R8	• @ BOLT.....	1	F
	AN960-416	• @ WASHER.....	1	F
- 56	650124	• CONNECTOR.....	1	F
- 57	310032-3	• SCREEN.....	1	F
- 58	600213-15	• SEAL, FELT.....	1	F
- 59	AN515-6R8	• @ SCREW.....	5	F
	AN960-6L	• @ WASHER.....	5	F
- 60	SS-48156	• PLUG, BUTTON.....	1	F
- 61	600234	• BRACE.....	1	F



M20 SERIES

PARTS CATALOG

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
40- 62	AN526-1032R9 AN960-10 AN365-1032	• 2 SCREW..... • 2 WASHER..... • 2 NUT.....	1 1 1	F F F
- 63	AN526-1032R9 AN960-10 AN365-1032	• 2 SCREW..... • 2 WASHER..... • 2 NUT.....	1 2 1	F F F
- 64	912007-521	• HOSE.....	1	F
- 65	QS100-M12	• 2 CLAMP.....	2	F
- 66	914066-3 AN365-1032 AN315-3	TIEROD, BAFFLE..... 2 NUT..... 2 NUT.....	2 4 4	F F F
- 67	914066-5 AN365-1032 AN315-3	TIEROD, BAFFLE..... 2 NUT.....	2 4	F F

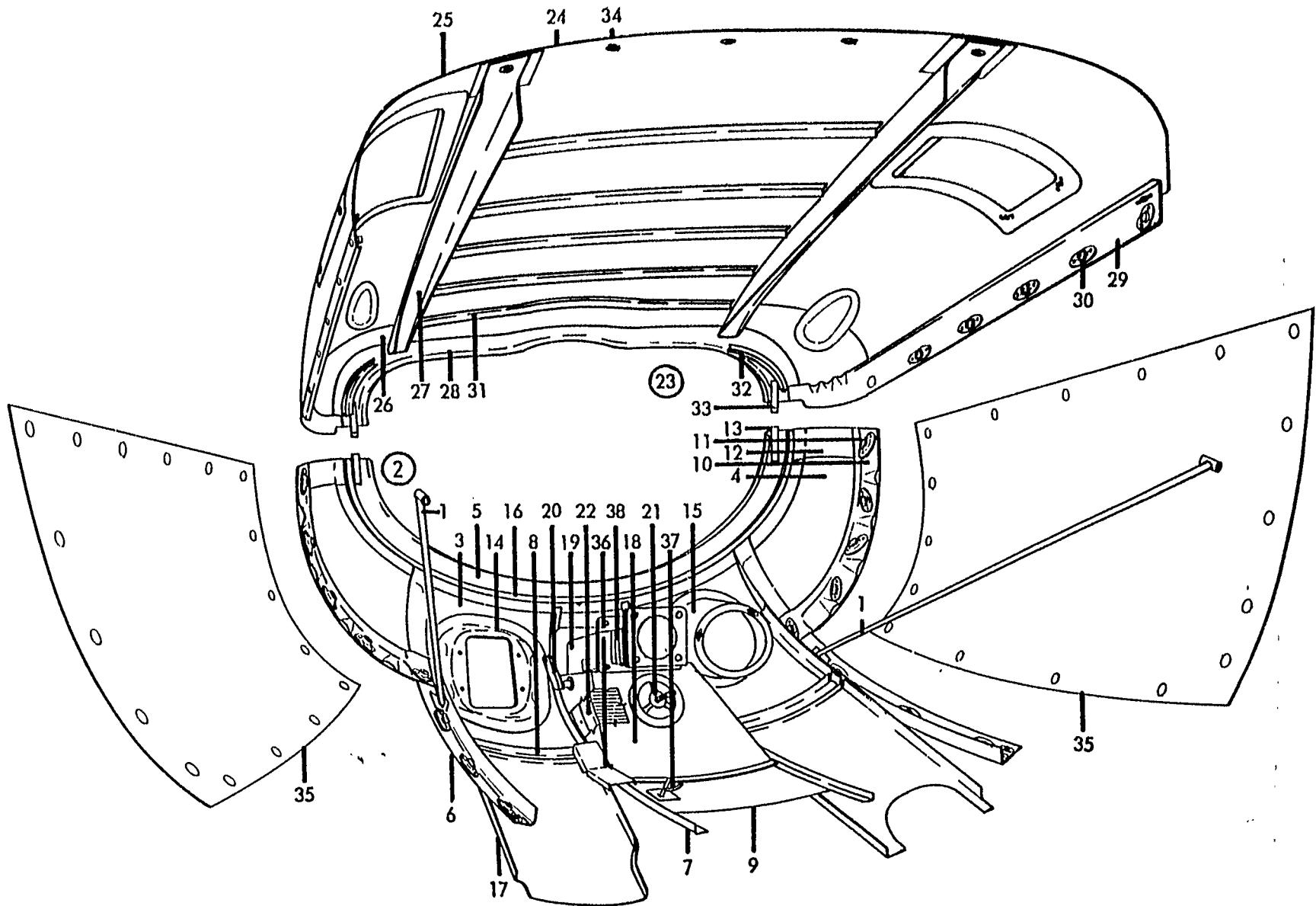


FIGURE 41. Engine Cowling Assembly (1965)



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
41-	650062-1	COWLING ASSY, NI.....	1	*I
	650062-501	COWLING ASSY, NI.....	1	*II
	650062-503	COWLING ASSY.....	1	*III
- 1	650032-3	@ BRACE ASSY, LH.....	1	*IV
	650032-4	@ BRACE ASSY, RH.....	1	*IV
	650032-501	@ BRACE ASSY, LH.....	1	*IV
	650032-502	@ BRACE ASSY, RH.....	1	*IV
	AN505-4R7	@ BOLT /AT LOWER END OF BRACE RODS/, NI..	4	*V
	AN515-6R6	@ BOLT.....	4	*V
	AN960-6	@ WASHER.....	8	*V
	AN365-632	@ NUT.....	8	*V
	AN3-22A	@ BOLT /AT UPPER END OF BRACE RODS/, NI..	2	*IV
	AN960-10L	@ WASHER.....	4	*IV
	AN365-1032	@ NUT.....	2	*IV
	AN3-22A	@ BOLT /AT UPPER END OF BRACE RODS/, NI..	2	*IV
	AN960-10L	@ WASHER.....	4	*IV
	AN365-1032	@ NUT.....	2	*IV
	AN509-BR15	@ SCREW, RAIL ATTACH, NI.....	4	*V
	#8X1/2	@ SCREW, RAIL ATTACH, NI.....	8	*V
- 2	650060-1	. COWL ASSY, BOTTOM, NI.....	1	*I
	650060-501	. COWL ASSY, BOTTOM, NI.....	1	*II
	650060-503	. COWL ASSY, BOTTOM.....	1	*III
- 3	650016-501	. SKIN, BOTTOM COWL.....	1	*IV
	650026	. CONNECTOR.....	1	*IV
	310032	. SCREEN.....	1	*IV
	650046-501	. SKIN, BOTTOM COWL.....	1	*IV
	RM52LHTA51A-02	. NUT PLATE, NI.....	6	*IV
- 4	650060-5	. SKIN, LH.....	1	*V
	650060-6	. SKIN, RH.....	1	*V
- 5	650019	. STIFFENER.....	1	*V
- 6	650021-501	. RAIL ASSY, LH.....	1	*V
	650021-502	. RAIL ASSY, RH.....	1	*V
	650021-11	. . ANGLE, LH.....	1	*V
	650021-12	. . ANGLE, RH.....	1	*V
	650021-9	. . RAIL, LH.....	1	*V
	650021-10	. . RAIL, RH.....	1	*V
	#244-16D	. . RECEPTACLE, CAMLOCK.....	4	*V
- 7	650014-1	. RAIL ASSY, SCOOP ATTACH, LH.....	1	*IV
	650014-2	. RAIL ASSY, SCOOP ATTACH, RH.....	1	*IV
	650025	. . PLATE, COWL FLAP HINGE.....	2	*IV
	650014-501	. RAIL ASSY, SCOOP ATTACH, LH.....	1	*IV
	650014-502	. RAIL ASSY, SCOOP ATTACH, RH.....	1	*IV
	650014-7	. . RAIL, LH.....	1	*V
	650014-8	. . RAIL, RH.....	1	*V
	A7551-6Z-1	. . @ SPEED NUT.....	8	*IV
	650014-9	. . CLIP.....	2	*V
- 8	650027-1	. STIFFENER, LH.....	1	*V
	650027-2	. STIFFENER, RH.....	1	*V
- 9	650030	. SCOOP, NI.....	1	*IV
	#6X112	. @ SCREW.....	16	*IV
	650060-3	. SKIN.....	1	*III
- 10	650060-7	. STIFFENER, LH.....	1	*V
	650060-8	. STIFFENER, RH.....	1	*V
- 11	244-16D	. RECEPTACLE, CAMLOCK.....	10	*V
- 12	650060-9	. PLATE, LH.....	1	*V
	650060-10	. PLATE, RH.....	1	*V
	650060-11	. SPACER.....	2	*V



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
41- 12	52LHTA58-02-BC	NUT PLATE.....	2	*V
- 13	650063	CLIP, ATTACH.....	2	*V
	RM52LHTA51A-02	NUT PLATE.....	2	*V
- 14	650017	BRACKET, OIL RADIATOR.....	1	*IV
	650049	BRACKET, OIL RADIATOR.....	1	*III
- 15	650022-11	BRACKET, LANDING LIGHT ATTACH.....	1	*V
	650023	FLANGE, RETAINING, NI.....	1	*V
	#4X3/8	@ SCREW.....	4	*V
	A1890-4Z-1	@ SPEED NUT.....	4	*V
- 16	650020	CHANNEL, SEAL.....	1	*V
- 17	650015-505	DOOR ASSY, COWL FLAP, LH.....	1	*IV
	650015-4	DOOR ASSY, COWL FLAP, RH.....	1	*I
	650015-6	DOOR ASSY, COWL FLAP, RH.....	1	*II
	650015-503	DOOR ASSY, COWL FLAP, LH.....	1	*III
	650015-502	DOOR ASSY, COWL FLAP, RH.....	1	*III
	650025	PLATE, HINGE, NI.....	2	*V
	650024	BRACKET, CONTROL ROD ATTACH, NI.....	2	*V
	AN526-632R6	@ BOLT.....	2	*V
	AN365-632	@ NUT.....	2	*V
- 18	650029	COVER, NI.....	1	*IV
	#4X3/8	@ SCREW.....	24	*IV
	A1890-4Z-1	@ SPEED NUT.....	1	*IV
	650031-7	BRACKET ASSY, AIR FILTER, NI.....	1	*IV
	AN362F-832	@ NUT PLATE.....	4	*IV
	A6187-4Z-1	@ SPEED NUT.....	16	*IV
	#13219	FILTER, NI.....	1	*IV
	#36050	@ GASKET, NI.....	1	*IV
	AN515-8R24	@ SCREW.....	4	*IV
	AN960-8L	@ WASHER.....	4	*IV
	600124-1	INDUCTION SYSTEM ASSY.....	1	*III
	600118-33	BOX, FILTER.....	1	*III
	RM52LHTA55-02	@ NUT PLATE, NI.....	1	*III
	600118-7	PLATE, NI.....	1	*III
- 19	600118-9	CHANNEL ASSY.....	1	*III
	600118-5	CHANNEL.....	1	*III
	600118-23	@ FLANGE, NI.....	1	*III
	ESNA22NA1-02	@ NUT PLATE, NI.....	2	*III
	ESNA22NA17A-02	@ NUT PLATE, NI.....	4	*III
	600118-10	CHANNEL, NI.....	1	*III
	600118-3	FLANGE, NI.....	1	*III
	600118-11	DOUBLER, NI.....	1	*III
	600118-21	DOUBLER, NI.....	1	*III
- 20	600127-15	SHAFT ASSY.....	1	*III
	600127-1	BEARING ASSY, LH.....	1	*III
	600127-2	BEARING ASSY, RH.....	1	*III
	600127-9	ARM ASSY.....	1	*III
	SL5-F	@ BEARING, NYLON, NI.....	2	*III
	AN960-516	@ WASHER.....	2	*III
	RPA-52-028-125-			
	0625	@ PIN, ROLL.....	1	*III
	AN995-F51	@ WIRE, SAFETY, NI.....	AR	*III
	AN381-2-8	@ PIN, COTTER.....	1	*III
	600118-35	DOOR, NI.....	1	*III
	600118-13	DOOR, NI.....	1	*III
	600118-17	SEAL, NI.....	1	*III
	600118-31	STIFFENER, NI.....	1	*III
	NK526-1032R5	@ SCREW.....	3	*III



FIGURE & INDEX NOS	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
41- 20	600127	. . . BRACKET, CONTROL MOUNT.....	1	*III
- 21	600118-15	. . . DOOR, NI.....	1	*III
	AN362F-428	. . . NUT PLATE.....	1	*III
	600118-25	. . . SEAL, NI.....	1	*III
	600118-39	. . . DOUBLER ASSY.....	1	*III
	600127-19	. . . SLEEVE.....	1	*III
	AN4-23	. . . BOLT.....	1	*III
	AN960-416	. . . WASHER.....	1	*III
	N5389	. . . BEARING.....	2	*III
	LC-047-7	. . . SPRING.....	1	*III
	AN381-2-8	. . . PIN, COTTER.....	1	*III
- 22	P10-4065	. . FILTER ASSY, INDUCTION SYSTEM.....	1	*III
	AN526-1032R10	. @ SCREW.....	6	*III
	AN960-10	. @ WASHER.....	6	*III
- 23	650059-1	. . COWL ASSY, TOP.....	1	*IV
	650059-501	. . COWL ASSY, TOP.....	1	*III
	AN23-8A	. @ SCREW / AT FRONT STIFFENER/ NI.....	2	*V
	AN960-10	. @ WASHER.....	2	*V
	AN509-10R15	. @ SCREW / AT SIDES/, NI.....	4	*V
- 24	650059-13	. . SKIN.....	1	*V
- 25	650059-9	. . SKIN ASSY, LH.....	1	*IV
	650059-17	. . SKIN.....	1	*IV
	650012	. . DOOR ASSY, BATTERY ACCESS.....	1	*IV
	650011-7	. . . DOOR.....	1	*IV
	650011-9	. . . DOUBLER.....	1	*IV
	650011-11	. . . HINGE ASSY.....	1	*IV
	DZUSFJ4-35	. . STUD.....	2	*IV
	DZUSS4-225	. . SPRING.....	2	*IV
	AN426A-8	. . RIVET.....	2	*IV
	650059-3	. . SKIN ASSY, LH.....	1	*III
	650059-11	. . SKIN ASSY, RH.....	1	*V
	650059-4	. . SKIN.....	1	*V
	650008	. . DOOR ASSY, OIL STICK ACCESS.....	1	*V
	650009	. . . DOOR.....	1	*V
	650010	. . . DOUBLER.....	1	*V
	650008-1	. . . HINGE ASSY.....	1	*V
	DZUSFJ4-35	. . STUD.....	2	*V
	DZUSS4-225	. . . SPRING.....	2	*V
	AN426A-8	. . . RIVET.....	4	*V
- 26	650059-5	. . SKIN, LH.....	1	*V
	650059-6	. . SKIN, RH.....	1	*V
	600183-3	. . WELL, LH.....	1	*III
	600184-3	. . WELL, RH.....	1	*III
- 27	650001-3	. . STIFFENER, FRONT.....	1	*V
- 28	650006-501	. . RAIL, LH.....	1	*V
	650006-502	. . RAIL, RH.....	1	*V
	650006-19	. . DOUBLER, LH, NI.....	1	*IV
	650006-19	. . DOUBLER, NI.....	1	*III
	650006-21	. . DOUBLER, LH, NI.....	1	*IV
	40S5-6	. . STUD.....	2	*V
	4002-H	. . GROMMET.....	2	*V
	R4G	. . RING, SNAP.....	2	*V
- 29	650059-7	. . CHANNEL, LH.....	1	*V
	650059-8	. . CHANNEL, RH.....	1	*V
- 30	#244-16D	. . RECEPTACLE, CAMLOCK.....	6	*V
- 31	650000-21	. . ANGLE, STIFFENER.....	1	*V
	650000-17	. . ANGLE, STIFFENER.....	1	*V



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
41- 31	650000-15	• • ANGLE, STIFFENER.....	1	*V
	650000-13	• • ANGLE, STIFFENER.....	1	*V
	650000-11	• • ANGLE, STIFFENER.....	1	*V
- 32	650005	• • CHANNEL, SEAL.....	2	*V
- 33	650059-15	• • STRAP, ATTACH.....	2	*V
- 34	#40S5-3	• • STUD.....	3	*V
	#4002-G	• • GROMMET.....	3	*V
	R4G	• • RING, SNAP.....	3	*V
- 35	650061-1	• • COWL ASSY, SIDE, LH.....	1	*V
	650061-2	• • COWL ASSY, SIDE, RH.....	1	*V
	650061-3	• • COWL, LH.....	1	*V
	650061-4	• • COWL, RH.....	1	*V
	40S5-6	• • STUD.....	2	*V
	40S5-3	• • STUD.....	14	*V
	40S5-5	• • STUD.....	1	*V
	4002-G	• • GROMMET.....	17	*V
	R4G	• • RING, SNAP.....	17	*V
- 36	620014-3	SHIELD, OIL LINE.....	1	*III
	AN743-12	BRACKET, NI.....	1	*III
	AN526-1032R8	Ⓐ SCREW.....	1	*III
	AN960-10	Ⓐ WASHER.....	1	*III
	AN363-1032	Ⓐ NUT.....	1	*III
- 37	610042	OUTLET.....	1	*III
- 38	600115-3	COUPLING.....	1	*III
	600145-3	Ⓐ DOUBLER, FWD.....	1	*III
	AN3-5A	Ⓐ BOLT.....	6	*III
	AN960-10	Ⓐ WASHER.....	6	*III
	600146-3	Ⓐ DOUBLER, AFT.....	1	*III
	AN74A-5	Ⓐ BOLT.....	4	*III
	AN960-416	Ⓐ WASHER.....	4	*III
	AN995-C41	Ⓐ WIRE, SAFETY.....	AR	*III

*I- 2807C-3184C

*II- 252D-259D

*III- 470E-831E

*IV- 2807C-3184C, 252D-259D

*V- 2807C-3184C, 252D-259D, 470E-831E

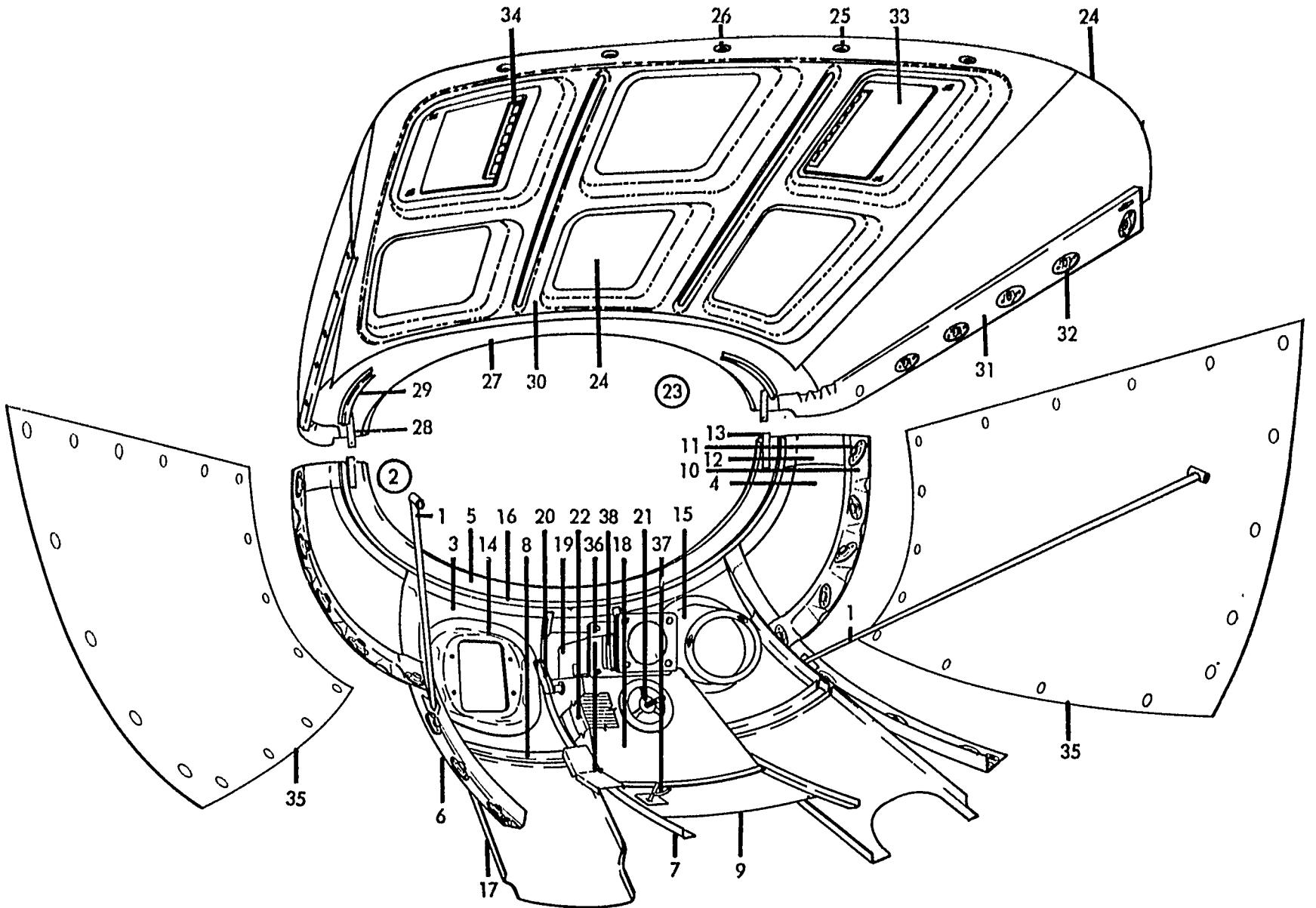


FIGURE 42. Engine Cowling Assembly (1966 & ON)



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
42-	650062-507	COWLING ASSY, NI.....	1	*I
	650062-509	COWLING ASSY, NI.....	1	*II
	650062-505	COWLING ASSY.....	1	*III
	650062-511	COWLING ASSY.....	1	F
	AN23-8A	@ BOLT.....	2	*IV
	AN960-10	@ WASHER.....	2	*IV
	AN509-10R8	@ SCREW.....	4	*IV
	AN960-6	@ WASHER.....	4	*IV
	AN365-632	@ NUT.....	4	*IV
	#8X1/2	@ SCREW.....	8	*IV
- 1	650032-3	. BRACE ASSY, LH.....	1	*V
	650032-4	. BRACE ASSY, RH.....	1	*V
	650032-503	. BRACE ASSY, LH.....	1	*VI
	650032-504	. BRACE ASSY, RH.....	1	*VI
	AN3-22A	. @ BOLT.....	1	*IV
	AN960-10L	. @ WASHER.....	1	*IV
	AN365-1032	. @ NUT.....	1	*IV
	AN515-6R6	. @ SCREW.....	2	*IV
	AN505-6R7	. @ SCREW.....	2	*IV
- 2	650060-507	. COWL ASSY, BOTTOM, NI.....	1	*I
	650060-501	. COWL ASSY, BOTTOM, NI.....	1	*II
	650060-505	. COWL ASSY, BOTTOM.....	1	*III
	650060-509	. COWL ASSY, BOTTOM.....	1	F
- 3	650016-501	. SKIN, BOTTOM COWL.....	1	*V
	650026	. CONNECTOR.....	1	*V
	310032	. SCREEN.....	1	*V
	650046-501	. SKIN, BOTTOM COWL.....	1	*VI
	RM52LHTA51A-02	. NUT PLATE.....	6	*VI
- 4	650060-5	. SKIN, LH.....	1	*IV
	650060-6	. SKIN, RH.....	1	*IV
- 5	650019	. STIFFENER.....	1	*IV
- 6	650021-501	. RAIL ASSY, LH.....	1	*VII
	650021-502	. RAIL ASSY, RH.....	1	*VII
	650021-503	. RAIL ASSY, LH.....	1	F
	650012-504	. RAIL ASSY, RH.....	1	F
	A1274-8Z-3	. @ SPEED NUT.....	13	*IV
	650021-11	. . ANGLE, LH.....	1	*IV
	650021-12	. . ANGLE, RH.....	1	*IV
	650021-9	. . RAIL, LH.....	1	*VII
	650021-10	. . RAIL, RH.....	1	*VII
	650021-13	. . RAIL, LH.....	1	F
	650021-14	. . RAIL, RH.....	1	F
	#244-16D	. . RECEPTACLE, CAMLOCK.....	6	*IV
	AN366F-832	. . NUT PLATE.....	2	*IV
- 7	650014-1	. . RAIL ASSY, SCOOP ATTACH, LH.....	1	*V
	650014-2	. . RAIL ASSY, SCOOP ATTACH, RH.....	1	*V
	A7551-6Z-1	. . NUT, CLIP.....	8	*V
	650025	. . PLATE, COWL FLAP HINGE.....	1	*V
	650014-501	. . RAIL ASSY, SCOOP ATTACH, LH.....	1	*III
	650014-502	. . RAIL ASSY, SCOOP ATTACH, RH.....	1	*III
	650014-503	. . RAIL ASSY, SCOOP ATTACH, LH.....	1	F
	650014-504	. . RAIL ASSY, SCOOP ATTACH, RH.....	1	F
	650014-7	. . RAIL, LH.....	1	*V
	650014-8	. . RAIL, RH.....	1	*V
	650014-11	. . RAIL, LH.....	1	F
	650014-12	. . RAIL, RH.....	1	F
	650014-9	. . CLIP.....	2	*IV



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
42- 8	650027-1	. STIFFENER, LH.....	1	*IV
	650027-2	. STIFFENER, RH.....	1	*IV
- 9	650030	. SCOOP, NI.....	1	*V
	#6X112	. A SCREW.....	16	*V
	650060-3	. SKIN.....	1	*VI
- 10	650027-7	. STIFFENER, LH.....	1	*IV
	650027-8	. STIFFENER, RH.....	1	*IV
- 11	#244-160	. RECEPTACLE, CAMLOCK.....	16	*IV
- 12	650060-9	. PLATE, LH.....	2	*IV
	650060-10	. PLATE, RH.....	2	*IV
	650060-11	. SPACER.....	2	*IV
	RM52LHTA58-02BC	. NUT PLATE.....	2	*IV
- 13	650063	. CLIP, ATTACH.....	2	*IV
	RM52LHTA41A-02	. NUT PLATE.....	2	*IV
- 14	650011	. BRACKET, OIL RADIATOR.....	1	*V
	650049	. BRACKET, OIL RADIATOR.....	1	*VI
- 15	650022-11	. BRACKET, LANDING LIGHT.....	1	*IV
	650023	. FLANGE, RETAINING, NI.....	1	*IV
	#4X3/8	. A SCREW.....	4	*IV
	A1890-4Z-1	. A SPEED NUT.....	4	*IV
- 16	650020	. CHANNEL, SEAL.....	1	*IV
- 17	650015-505	. DOOR ASSY, COWL FLAP, LH.....	1	*V
	650015-509	. DOOR ASSY, COWL FLAP, RH.....	1	*I
	650015-56	. DOOR ASSY, COWL FLAP, RH.....	1	*II
	650015-503	. DOOR ASSY, COWL FLAP, LH.....	1	*VI
	650015-507	. DOOR ASSY, COWL FLAP, RH.....	1	*VI
	650025	. . PLATE, HINGE.....	2	*IV
	650024	. . BRACKET, CONTROL ROD ATTACH, NI.....	2	*IV
	AN526-632R6	. . A BOLT.....	2	*IV
	AN365-632	. . A NUT.....	2	*IV
- 18	650029	. COVER, NI.....	1	*V
	#4X3/8	. A SCREW.....	24	*V
	A1890-4Z-1	. A SPEED NUT.....	24	*V
	650031-7	. BRACKET ASSY, AIR FILTER, NI.....	1	*V
	AN362F-832	. . NUT PLATE.....	4	*V
	A6187-4Z-1	. . SPEED NUT.....	16	*V
	#13219	. FILTER, NI.....	1	*V
	#36050	. A GASKET, NI.....	1	*V
	AN515-8R24	. A SCREW.....	4	*V
	AN960-BL	. A WASHER.....	4	*V
	600124-1	. INDUCTION SYSTEM ASSY.....	1	*VI
	600118-33	. . BOX, FILTER.....	1	*VI
	RM52LHTA55-02	. . NUT PLATE, NI.....	1	*VI
	600118-7	. . PLATE, NI.....	1	*VI
- 19	600118-9	. . CHANNEL ASSY.....	1	*VI
	600118-5	. . . CHANNEL.....	1	*VI
	600118-23	. . . FLANGE, NI.....	1	*VI
	ESNA22NA1-02	. . NUT PLATE, NI.....	2	*VI
	ESNA22NA17A-02	. . NUT PLATE, NI.....	4	*VI
	600118-10	. . CHANNEL, NI.....	1	*VI
	600118-3	. . FLANGE, NI.....	1	*VI
	600118-11	. . DOUBLER, NI.....	1	*VI
	600118-21	. . DOUBLER, NI.....	1	*VI
- 20	600127-15	. . SHAFT ASSY.....	1	*VI
	600127-1	. . BEARING ASSY, LH.....	1	*VI
	600127-2	. . BEARING ASSY, RH.....	1	*VI
	600127-9	. . ARM ASSY.....	1	*VI



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC. -
42- 20	5L5-F	• • @ BEARING, NYLON, NI.....	2	*VI
	AN960-516	• • @ WASHER.....	2	*VI
	RPA52-028-125-			
	0625	• • @ PIN, ROLL.....	1	*VI
	AN995-F51	• • @ WIRE, SAFETY.....	AR	*VI
	AN381-2-8	• • @ PIN, COTTER.....	1	*VI
	600118-35	• • DOOR, NI.....	1	*VI
	600118-13	• • DOOR, NI.....	1	*VI
	600118-17	• • SEAL, NI.....	1	*VI
	600118-31	• • STIFFENER, NI.....	1	*VI
	NK525-1032R5	• • @ SCREW.....	3	*VI
	600127	• • BRACKET, CONTROL MOUNT.....	1	*VI
- 21	600118-15	• • DOOR, NI.....	1	*VI
	AN362F-B32	• • NUT PLATE.....	1	*VI
	600118-25	• • SEAL, NI.....	1	*VI
	600118-39	• • DOUBLER ASSY.....	1	*VI
	600118-19	• • DOUBLER.....	1	*VI
	600118-37	• • PLATE.....	2	*VI
	600127-19	• • SLEEVE.....	1	*VI
	AN4-23	• • BOLT.....	1	*VI
	AN960-416	• • WASHER.....	1	*VI
	N5389	• • BEARING.....	2	*VI
	LC-047F-7	• • SPRING.....	1	*VI
	AN381-2-8	• • PIN, COTTER.....	1	*VI
- 22	P10-4065	• FILTER ASSY, INDUCTION SYSTEM.....	1	*VI
	AN525-1032R10	• @ SCREW.....	6	*VI
	AN960-10	• @ WASHER.....	6	*VI
- 23	650074-501	• COWL ASSY, TOP.....	1	*V
	650074	• COWL ASSY, TOP.....	1	*VI
	AN23-8A	• @ SCREW /AT FRONT STIFFENER/, NI.....	2	*IV
	AN960-10	• @ WASHER.....	2	*IV
- 24	650074-13	• SKIN.....	1	*V
	650064-5	• SKIN.....	1	*VI
- 25	40S5-5	• STUD.....	4	*IV
	4002-G	• GROMMET.....	4	*IV
	R4G	• RING, SNAP.....	4	*IV
- 26	40S5-6	• STUD.....	1	*IV
	4002-G	• GROMMET.....	1	*IV
	R4G	• RING, SNAP.....	1	*IV
- 27	650074-3	• RING, NOSE.....	1	*IV
- 28	650059-15	• STRAP, ATTACH.....	2	*IV
- 29	650005	• CHANNEL, SEAL.....	2	*IV
- 30	650074-7	• STIFFENER.....	1	*IV
- 31	650059-7	• CHANNEL, LH.....	1	*IV
	650059-8	• CHANNEL, RH.....	1	*IV
	52LHTA58-02-BC	• @ CLIP NUT.....	2	*IV
- 32	#244-160	• RECEPTACLE, CAMLOCK.....	10	*IV
- 33	650074-10	• DOOR, RH.....	1	*V
	650074-9	• DOOR, LH.....	1	*V
	DZUSFJ4-35	• @ STUD.....	2	*V
	DZUS-R31/2	• @ SPRING.....	2	*V
	DZUSFJ4-35	• @ STUD.....	4	*VI
	DZUS-R31/2	• @ SPRING.....	4	*VI
- 34	650074-11	• HINGE.....	2	*V
	650074-15	• FILLER.....	1	*VI
- 35	650061-1	• COWL ASSY, SIDE, LH.....	1	*IV
	650061-2	• COWL ASSY, SIDE, RH.....	1	*IV



M20 SERIES

PARTS CATALOG

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
42- 35	650061-3	. . COWL, LH.....	1	*IV
	650061-4	. . COWL, RH.....	1	*IV
40S5-6		. . STUD.....	2	*IV
40S5-3		. . STUD.....	14	*IV
40S5-5		. . STUD.....	1	*IV
4002-G		. . GROMMET.....	17	*IV
R4G		. . RING, SNAP.....	17	*IV
- 36	620014-3	SHIELD, OIL LINE.....	1	*VI
	AN743-12	BRACKET, NI.....	1	*VI
	AN526-1032R8	@ SCREW.....	1	*VI
	AN960-10	@ WASHER.....	1	*VI
	AN363-1032	@ NUT.....	1	*VI
- 37	610042	OUTLET.....	1	*VI
- 38	600115-3	COUPLING.....	1	*VI
	600145-3	@ DOUBLER, FWD.....	1	*VI
	AN3-5A	@ BOLT.....	6	*VI
	AN960-10	@ WASHER.....	6	*VI
	600146-3	@ DOUBLER, AFT.....	1	*VI
	AN74A-5	@ BOLT.....	4	*VI
	AN960-416	@ WASHER.....	4	*VI
	AN995-C41	@ WIRE, SAFETY.....	AR	*VI

*I- 3185C & ON
 *II- 260D & ON
 *III- 832E & ON
 *IV- 3185C & ON, 260D & ON, 832E & ON, 670001F & ON
 *V- 3185C & ON, 260D & ON
 *VI- 832 E & ON, 670001F & ON
 *VII- 3185C & ON, 260D & ON, 832E & ON

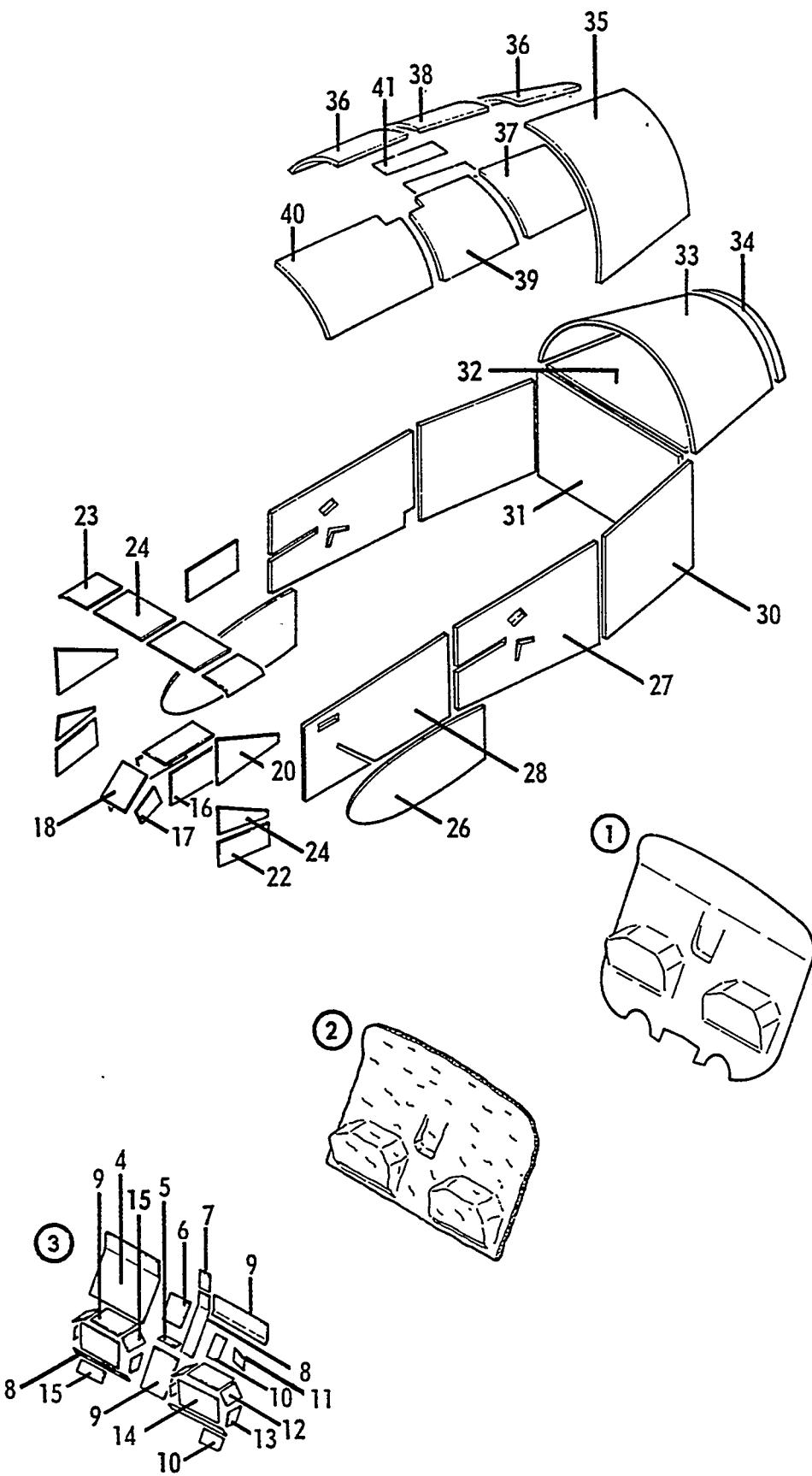


FIGURE 43. Cabin Insulation



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
43- 1	13C079-25	COVER ASSY, FIREWALL.....	1	*I
	130079-71	COVER ASSY, FIREWALL.....	1	*II
	130109-5	COVER ASSY, FIREWALL.....	1	*III
	17C006	COVER ASSY, FIREWALL.....	1	*IV
	170006-501	COVER ASSY, FIREWALL..... . SEE FIG 45 FOR DETAIL PARTS.	1	*V
- 2	130068-18	INSULATION ASSY, FIREWALL.....	1	*VI
- 3	170006-3	DAMPING ASSY, FIREWALL.....	1	*V
	170006-45	DAMPING ASSY, FIREWALL.....	1	*IV
	A224-6Z	@ SPEED NUT.....	12	*VII
	AN960-10	@ WASHER.....	12	*VII
	AN530-4R6	@ SCREW.....	12	*VII
- 4	170006-11	. SHEET, DAMPING.....	2	*VII
- 5	170006-25	. SHEET, DAMPING.....	1	*VII
- 6	130068-23	. INSULATION, GOVERNOR WELL.....	1	*VI
	170002-43	. INSULATION, GOVERNOR WELL.....	1	*III
	170006-45	. SHEET, DAMPING.....	1	*VII
- 7	170006-21	. SHEET, DAMPING.....	1	*VII
- 8	170006-19	. SHEET, DAMPING.....	1	*VII
- 9	130068-17	. INSULATION, FOOTWELL.....	2	*VI
	170006-13	. SHEET, DAMPING.....	3	*VII
- 10	170006-29	. SHEET, DAMPING.....	2	*V
- 11	170006-27	. SHEET, DAMPING.....	1	*IV
- 12	170006-21	. SHEET, DAMPING.....	3	*VII
- 13	170006-23	. SHEET, DAMPING.....	4	*VII
- 14	170006-17	. SHEET, DAMPING.....	2	*VII
- 15	170006-15	. SHEET, DAMPING.....	2	*VII
	#120	. @ GLUE.....	AR	
	#474	. @ TAPE.....	AR	
	LA-304	. @ CEMENT.....	AR	
- 16	170008-5	INSULATION, WHEEL WELL, L&R.....	2	*VII
- 17	170008-9	INSULATION, WHEEL WELL, FWD.....	2	*VII
- 18	170008-43	INSULATION, WHEEL WELL, FWD.....	1	*VII
- 19	170008-7	INSULATION, WHEEL WELL, TOP.....	1	*VII
- 20	170002-23	INSULATION, UP. FRONT SIDE PANEL, LH.....	1	*VI
	170002-27	INSULATION, UP. FRONT SIDE PANEL, RH.....	1	*VI
	170008-15	INSULATION, UP. FRONT SIDE PANEL, LH.....	1	*VII
	170008-17	INSULATION, UP. FRONT SIDE PANEL, RH.....	1	*VII
- 21	170002-21	INSULATION, CTR. FRONT SIDE PANEL, LH....	1	*VI
	170002-25	INSULATION, CTR. FRONT SIDE PANEL, RH....	1	*VI
	170008-45	INSULATION, CTR. FRONT SIDE PANEL.....	2	*VII
- 22	130068-27	INSULATION, BOT FRONT SIDE PANEL, LH....	1	*VIII
	170002-39	INSULATION, BOT FRONT SIDE PANEL, LH....	1	*III
	130068-26	INSULATION, BOT FRONT SIDE PANEL, RH....	1	*VI
	170008-13	INSULATION, BOT FRONT SIDE PANEL.....	2	*VII
- 23	170000-11	INSULATION, RADIO ACCESS PANEL.....	2	*VI
	170008-3	INSULATION, RADIO ACCESS PANEL.....	2	*VII
- 24	170000-23	INSULATION, RADIO ACCESS PANEL.....	2	*VI
	170008-11	INSULATION, RADIO ACCESS PANEL.....	2	*VII
- 25	170008-5	INSULATION, DOOR PANEL.....	1	*VII
- 26	170008-19	INSULATION, WING ROOT, LH.....	1	*VII
- 27	170008-20	INSULATION, WING ROOT, RH.....	1	*VII
- 28	170002-15	INSULATION, SIDE PANEL, LH.....	1	*VI
	170002-17	INSULATION, SIDE PANEL, LH.....	1	*VI
	170008-33	INSULATION, SIDE PANEL, LH.....	1	*IX
	170008-31	INSULATION, SIDE PANEL, LH.....	1	F
- 29	170002-7	INSULATION, SIDE PANEL.....	2	*VI



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
43- 29	170002-5	INSULATION, SIDE PANEL.....	2	*VI
	170008-37	INSULATION, SIDE PANEL.....	2	*IX
	170008-35	INSULATION, SIDE PANEL.....	2	F
- 30	170002-3	INSULATION, BAGGAGE COMPT SIDE.....	2	*VI
	170008-23	INSULATION, BAGGAGE COMPT, LH.....	1	*VII
	170008-25	INSULATION, BAGGAGE COMPT, RH.....	1	*VII
- 31	170008-41	INSULATION, BAGGAGE COMPT, AFT.....	1	*VII
- 32	130068-31	INSULATION, HAT RACK FLOOR.....	1	*X
	170002-37	INSULATION, HAT RACK FLOOR.....	1	*XI
	170008-39	INSULATION, HAT RACK FLOOR.....	1	*VII
- 33	130068	INSULATION, HAT RACK HEADLINER.....	1	*X
	170002-45	INSULATION, HAT RACK HEADLINER.....	1	*XI
	170008-29	INSULATION, HAT RACK HEADLINER.....	1	*VII
- 34	130068-22	INSULATION, HAT RACK BULKHEAD.....	1	*XII
	170008-21	INSULATION, HAT RACK BULKHEAD.....	1	*VII
- 35	170002-29	INSULATION, BAG. COMPT CEILING, LH.....	1	*VI
	130184	INSULATION, BAG. COMPT HEADLINER.....	1	*VII
	130184-3	. BACKING, NI.....	1	*VII
	130184-5	. COVER, FABRIC, NI.....	1	*VII
	#120	. @ GLUE.....	AR	*VII
- 36	170008-27	INSULATION, BAGGAGE DOOR.....	1	*VII
- 37	170002-31	INSULATION, AFT CEILING, LH.....	1	*VIII
	130104-7	INSULATION, AFT CEILING, LH.....	1	*III
	130104-9	. COVER, FABRIC, NI.....	1	*VI
	130104	. INSULATION.....	1	*IX
	130104	. COVER, FABRIC, NI.....	1	*IX
	130159-9	INSULATION, AFT CEILING, LH.....	1	F
	130159-5	. COVER, FABRIC, NI.....	1	F
	#120	. @ GLUE.....	AR	F
- 38	170002-32	INSULATION, AFT CEILING, RH.....	1	*VIII
	130104-11	INSULATION, AFT CEILING, RH.....	1	*III
	130104-13	. COVER, FABRIC, NI.....	1	*VI
	130104-11	INSULATION, AFT CEILING, RH.....	1	*IX
	130104-21	. COVER, FABRIC, NI.....	1	*IX
	130159-9	INSULATION, AFT CEILING, RH.....	1	F
	130159-5	. COVER, FABRIC, NI.....	1	F
	#120	. @ GLUE.....	AR	F
- 39	130159-7	INSULATION, CENTER CEILING, LH.....	1	F
	130159-3	. COVER, FABRIC, NI.....	1	F
	#120	. @ GLUE.....	AR	F
- 40	17002-33	INSULATION, FRONT CEILING, LH.....	1	*VIII
	130104-3	INSULATION, FRONT CEILING, LH.....	1	*III
	130104-5	. COVER, FABRIC, NI.....	1	*VI
	130104-3	INSULATION, FRONT CEILING, LH.....	1	*VII
	130104-19	. COVER, FABRIC, NI.....	1	*VII
	#120	. @ GLUE.....	AR	

*I- 470E-831E
*II- 2807C-3184C, 252D-259D

*III- 3185C-3466C, 260D & ON, 832E-1308E

*IV- 670001C & ON

*V- 670001E & ON, 670001F & ON

*VI- 2807C-3466C, 252D & ON, 470E-1308E

*VII- 670001C & ON, 670001E & ON, 670001F & ON

*VIII- 2807C-3184C, 252D-259D, 470E-831E

*IX- 670001C & ON, 670001E & ON

*X- 2807C-3184C, 470E-831E

*XI- 3185C-3466C, 832E-1308E

*XII- 2807C-3466C, 470E-1308E

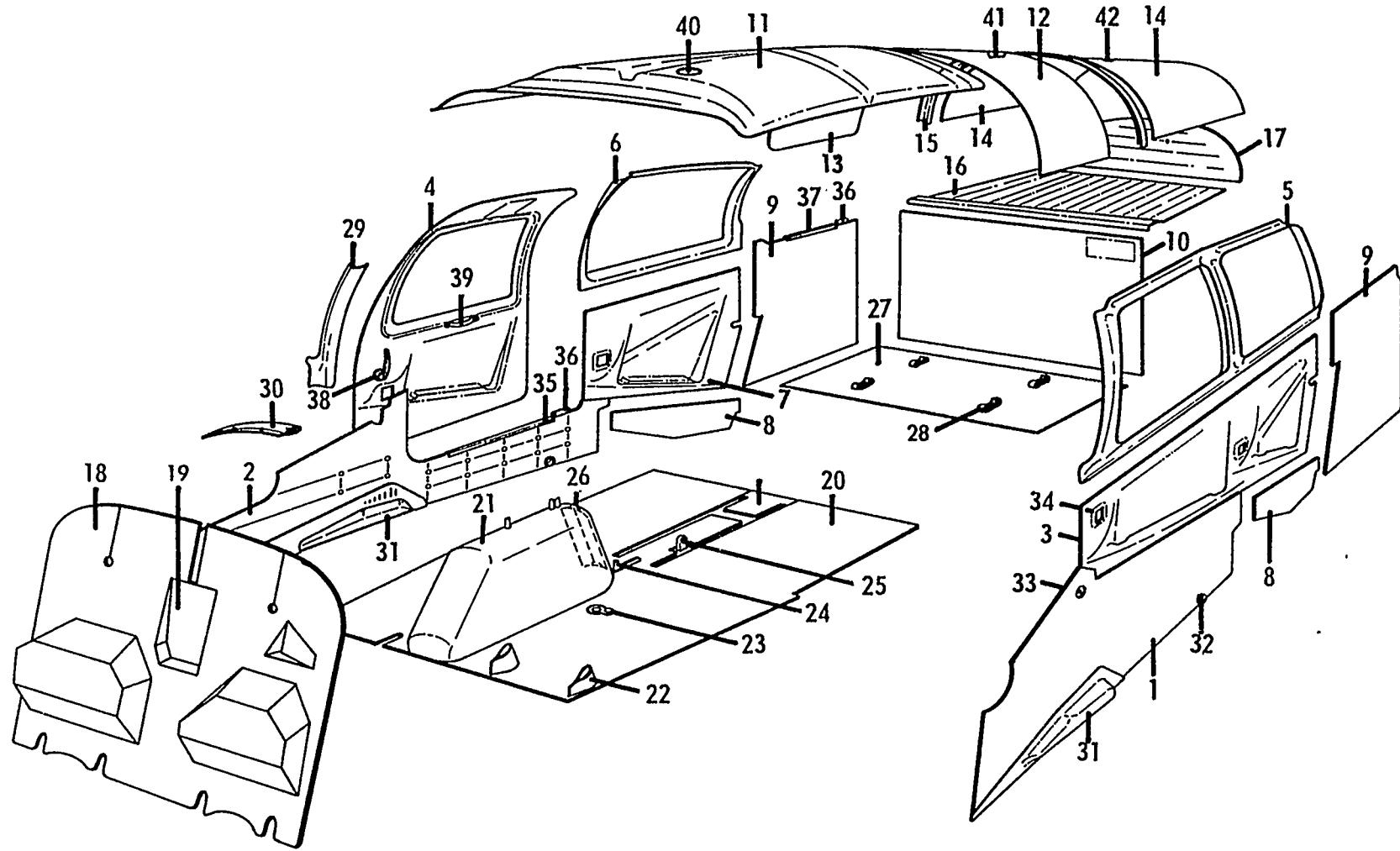


FIGURE 44. Cabin Interior Furnishings (1965 M20C, D&E)

MOONEY



M20 SERIES

PARTS CATALOG

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
44- 1	130079-11 #G70058 #U7057 NO NUMBER #26 #51 #121 3/8 IN 1/8 IN	PANEL /COLOR OPTIONS BELOW/..... • SAPPHIRE WITH VINYL TRIM • GOLD WITH VINYL TRIM • SAND WITH SAGEBRUSH VINYL TRIM • BLUE /ALL VINYL/ • BOLD /ALL VINYL/ • SAGEBRUSH /ALL VINYL/ BOARD, BACKING, POLYFOAM, NI..... BOARD, BACKING, FUAMCOR, NI.....	1	*I *I *I *I *I *I
- 2	130079-27	PANEL..... • SEE INDEX 1 FOR COLOR SELECTION.	1	*I
- 3	130079-5 AN509-8-R6 AN507-832R12 #7615 130085-21 130085-23 AN960-6	PANEL, ARM REST, LH..... @ SCREW..... @ SCREW..... @ WASHER..... PAD, ARM REST, LEFT FRONT, NI..... PAD, ARM REST, LEFT REAR, NI..... @ WASHER.....	1 5 1 AR 1 1 2	*I *I *I *I *I *I *I
- 4	130079-31 130079-77 AN530-4R6 #1794 #7615 130085-25	PANEL, DOOR..... PANEL, DOOR..... @ SCREW..... @ SCREW..... @ WASHER..... PAD, DOOR ARM REST, NI.....	1 1 AR 6 8 1	*III *III *I *I *I *I
- 5	130079-3 AN530-4R6 AN530-4R8	MOULDING, WINDOW, LH..... @ SCREW..... @ SCREW.....	1 AR AR	*I *I *I
- 6	130079-35 AN530-4R6 AN530-4R8	MOULDING, WINDOW, REAR, RH..... @ SCREW..... @ SCREW.....	1 AR AR	*I *I *I
- 7	130079-33 AN530-4R-4 #7615 130085-23	PANEL, ARM REST, RH..... @ SCREW..... @ WASHER..... PAD, ARM REST, RIGHT REAR, NI.....	1 AR AR 1	*I *I *I *I
- 8	130079-9 130079-10	PANEL, LH..... PANEL, RH.....	1 1	*I *I
- 9	130079-7 130079-39	. SEE INDEX 1 FOR COLOR SELECTION. PANEL, BAGGAGE COMPT, LH..... PANEL, BAGGAGE COMPT, RH..... . SEE INDEX 1 FOR COLOR SELECTION.	1 1 1	*I *I *I
- 10	1/4 1/8 130079-45 1/4 1/4 #1794 #7615 130079-47 #1794 #7615	BOARD, BACKING, FOAM, NI..... BOARD, BACKING, FOAM, NI..... PANEL, BAGGAGE COMPT, REAR..... BOARD, BACKING, NI..... BACKING, FOAMCOR, NI..... @ SCREW..... @ WASHER..... PANEL, BAGGAGE COMT, REAR, NI..... . SEE INDEX 1 FOR COLOR SELECTION. @ SCREW..... @ WASHER.....	1 1 1 1 1 3 3 1 AR AR	*I *I *IV *IV *IV *IV *IV *V *V
- 11	130079-37 AN530-4R6	HEADLINER, MAIN..... @ SCREW.....	1 AR	*I *I
- 12	130079-49 912016-3 912016-5 #4X3/8	HEADLINER, BAGGAGE COMPT..... FILLER, AFT, LH, NI..... FILLER, AFT, RH, NI..... @ SCREW.....	1 1 1 AR	*I *I *I *I



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
44- 13	130079-41	PANEL, BAGGAGE DOOR.....	1	*I
	1/8	BOARD, BACKING, NI.....	1	*I
	1/4	PAD, CUSHION, NI.....	1	*I
	#249	@ CLIP.....	AR	*I
- 14	130079-55	HEADLINER, HAT RACK.....	1	*IV
- 15	130062-501	COVER, HAT RACK STRIP.....	1	*IV
	320002-3	@ SPACER.....	1	*IV
	AN515-832R16	@ SCREW.....	6	*IV
	#7615	@ WASHER.....	6	*IV
	AN365-832	@ NUT.....	6	*IV
	AN960-8L	@ WASHER.....	6	*IV
- 16	130079-53	FLOORLINER, HATRACK.....	1	*IV
	#1794	@ SCREW.....	4	*IV
	#7615	@ WASHER.....	4	*IV
- 17	130079-57	PANEL, HATRACK, REAR.....	1	*IV
	#1794	@ SCREW.....	AR	*IV
	#7615	@ WASHER.....	AR	*IV
- 18	130079-25	COVER, FIREWALL.....	1	*VI
	130079-71	COVER, FIREWALL.....	1	*VII
- 19	130079-23	COVER, GOVERNOR WELL.....	1	*I
- 20	130079-15	FLOORMAT.....	1	*IV
	130079-17	FLOORMAT.....	1	*V
	#294660-1	@ CLIP, NYLON.....	AR	*I
- 21	130079-21	COVER, WHEELWELL.....	1	*I
	130079-73	STRIP /INSIDE WHEELWELL/, NI	2	*I
	MS2119DG12	@ CLAMP, NI.....	3	*I
	AN526-10R10	@ SCREW.....	3	*I
	AN960-10	@ WASHER.....	3	*I
	AN363-1032	@ NUT.....	3	*I
	130079-981	BOOT, ELEVATOR CONTROL /SINGLE/.....	1	*I
	130079-983	BOOT, AILERON CONTROL /DOUBLE/.....	1	*I
- 22	130079-19	BOOT, PEDAL.....	4	*I
- 23	610035-3	PAN, FUEL SELECTOR VALVE.....	1	*I
	#1794	@ SCREW.....	5	*I
	#7615	@ WASHER.....	5	*I
- 24	170001-3	BOOT, GEAR RETRACTION LEVER.....	1	*IV
- 25	740054-501	COVER, TRIM ACTUATOR.....	1	*I
	AN526-632-4	@ SCREW.....	4	*I
- 26	740020-501	COVER ASSY, FLAP & TRIM INDICATOR.....	1	*I
	AN530-8R6	@ SCREW.....	8	*I
	A1949-8Z-3	@ NUT, SPEED.....	8	*I
- 27	130079-43	FLOORMAT, BAGGAGE COMPT.....	1	*I
	#294660-1	@ CLIP, NYLON.....	AR	*I
- 28	010003-2	STRAP, BAGGAGE, FWD.....	2	*I
	010003-1	STRAP, BAGGAGE, REAR.....	2	*I
- 29	130079-29	STRIP, TRIM.....	1	*I
	AN530-4R6	@ SCREW.....	AR	*I
	AN530-4R8	@ SCREW.....	AR	*I
- 30	950027-1	SHIELD ASSY, GLARE.....	1	*I
	AN530-6R8	@ SCREW.....	4	*I
	AN960-6	@ WASHER.....	4	*I
	AN363-632	@ NUT.....	4	*I
- 31	130079-13	FOOTWELL, LH.....	1	*I
	130079-14	FOOTWELL, RH.....	1	*I
	#1794	@ SCREW.....	AR	*I
	#7615	@ WASHER.....	AR	*I
- 32	640042-3	COVER, VENT OUTLET.....	2	*I



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
44- 32	AN530-4R-8	@ SCREW.....	2	*I
	#7615	@ WASHER.....	2	*I
	A1890-4Z-1	@ SPEED NUT.....	2	*I
- 33	#2120	CONTROL ASSY, AIR.....	1	*VIII
	#1794	@ SCREW.....	4	*VIII
	#2150	CONTROL ASSY, AIR.....	1	*IX
	AN530-6R10	@ SCREW.....	4	*[X]
- 34	C-112-53	TRAY, ASH.....	1	*I
	13C079-67	COVER.....	1	*X
	13C084	TRAY ASSY, ASH.....	4	*XI
	130084	. COVER, ASH TRAY.....	1	*XI
	AN530-4R6	@ SCREW.....	2	*XI
	A1890-4Z-1	@ SPEED NUT.....	2	*XI
- 35	340078-11	ANGLE.....	1	*I
	AN530-4R3	@ SCREW.....	3	*I
- 36	71T	WINDLACE.....	AR	*I
- 37	340078-33	ANGLE.....	1	*I
	AN530-4R3	@ SCREW.....	4	*I
- 38	130081	COVER, PANEL.....	1	*I
	AN530-4R6	@ SCREW.....	1	*I
	310146	HANDLE.....	1	*I
	AN960-716	@ WASHER.....	1	*I
	RPA-52-028-125-			
	0875	PIN, ROLL.....	1	*I
- 39	130079-51	STRAP, DOOR PULL.....	1	*I
	130071	@ WASHER.....	2	*I
	AN507-1032E10	@ SCREW.....	2	*I
- 40	130078-1	DEFLECTOR, CABIN COOLING, FRONT.....	2	*I
	130078-501	DEFLECTOR, CABIN COOLING, REAR.....	2	*I
- 41	130077	HOOK, CUAT.....	1	*I
	AN526-1032RG	@ SCREW.....	2	*I
- 42	130074-1	INLET, TRIM.....	1	*IV
	AN530-4R6	@ SCREW.....	3	*IV
*I- 2807C-3184C, 252D-259D, 470E-831E				
*II- 2807C-3184C, 252D-259D, 470E-656E				
*III- 657E-831E				
*IV- 2807C-3184C, 470E-831E				
*V- 252D-259D				
*VI- 470E-831E				
*VII- 2807C-3184C, 252D-259D				
*VIII- 2807C-2934C, 470E-598E				
*IX- 2935C-3184C, 599E-831E				
*X- 2807C-2922C, 470E-587E				
*XI- 2923C-3184C, 588E-831E				

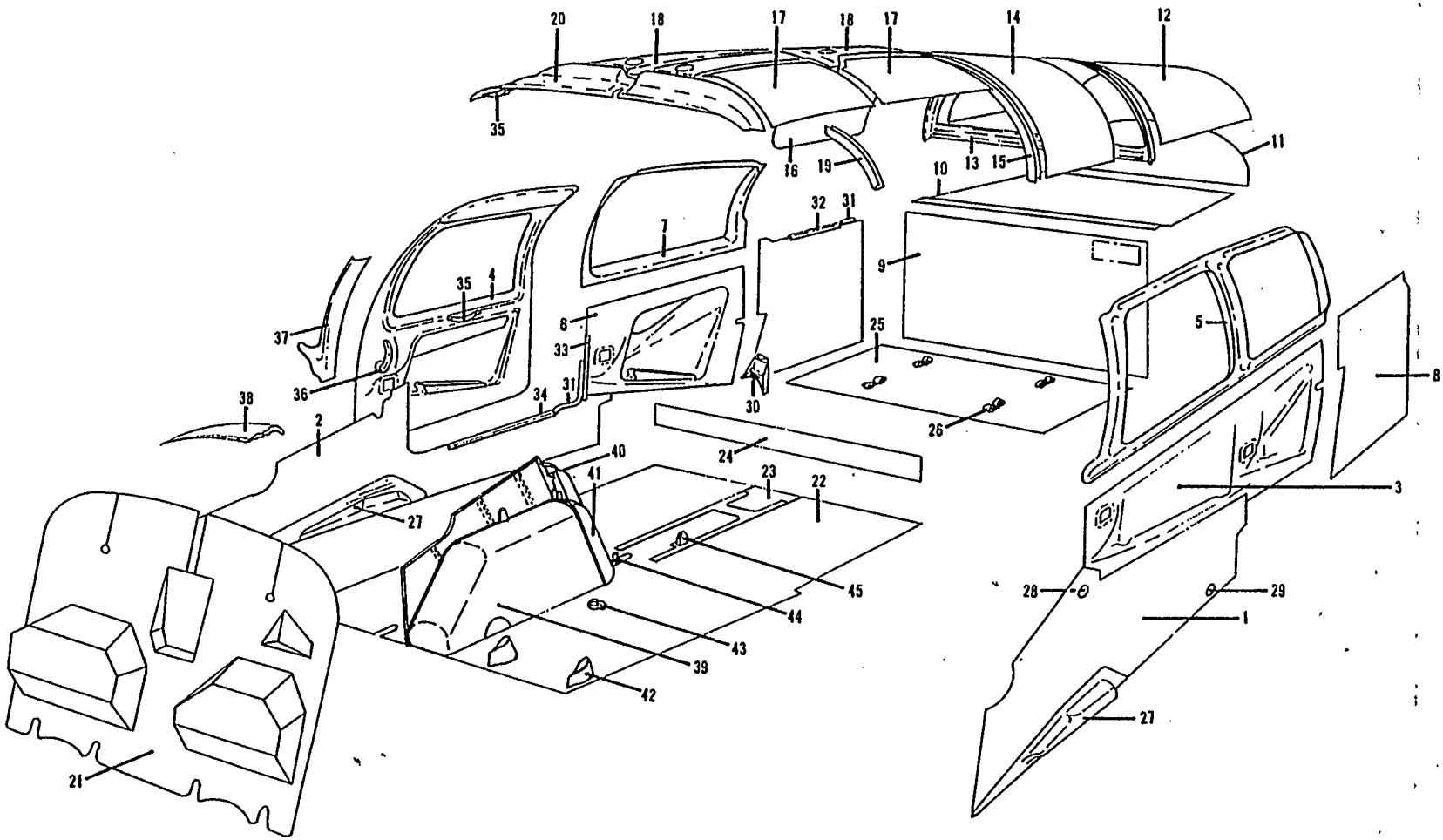


FIGURE 45. Cabin Interior Furnishings (1966 & ON M20C, D&E)



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
45- 1	130112	PANEL ASSY, GRAY, LH.....	1	*I
	130112-501	PANEL ASSY, RED, LH.....	1	*I
	130112-503	PANEL ASSY, GREEN, LH.....	1	*I
	130112-511	PANEL ASSY, GRAY, LH.....	1	*II
	130112-513	PANEL ASSY, RED, LH.....	1	*III
	130112-515	PANEL ASSY, GREEN, LH.....	1	*III
	130112-3	. BOARD, BACKING.....	1	*III
	130112-5	. PAD, CUSHION.....	1	*III
	EC-1368	. @ GLUE.....	AR	*III
	130112-7	. COVER, GRAY.....	1	*I
	130112-9	. COVER, RED.....	1	*I
	130112-11	. COVER, GREEN.....	1	*I
	130112-13	. COVER, GRAY.....	1	*II
	130112-15	. COVER, RED.....	1	*II
	130112-17	. COVER, GREEN.....	1	*II
	130125	. . BUTTON ASSY, GRAY.....	1	*I
	130125-501	. . BUTTON ASSY, RED.....	1	*I
	130125-503	. . BUTTON ASSY, GREEN.....	1	*I
	130125-5	. . BUTTON ASSY, GRAY.....	1	*II
	130125-513	. . BUTTON ASSY, RED.....	1	*II
	130125-515	. . BUTTON ASSY, GREEN.....	1	*II
	130193-47	PANEL ASSY, SAND, LH.....	1	*IV
	130193-49	PANEL ASSY, ORANGE, LH.....	1	*IV
	130193-51	PANEL ASSY, NATURAL LEATHER, LH.....	1	*V
	130193-53	PANEL ASSY, ANTIQUE LEATHER, LH.....	1	*V
	130193-55	PANEL ASSY, GRAY TWEED, LH.....	1	*VI
	130193-57	PANEL ASSY, BRONZE, LH.....	1	*VI
	130193-5	. BOARD, BACKING.....	1	*V
	130193-9	. PAD, CUSHION.....	1	*V
	NO NUMBER	. @ ADHESIVE.....	AR	*V
	#1432	. @ SCREW.....	6	*V
	130193-23	. COVER, SAND.....	1	*IV
	130193-25	. COVER, ORANGE.....	1	*IV
	130193-27	. COVER, NATURAL LEATHER.....	1	*V
	130193-29	. COVER, ANTIQUE LEATHER.....	1	*V
	130193-31	. COVER, BLACK & WHITE TWEED.....	1	*VI
	130193-35	. COVER, BRONZE FABRIC.....	1	*VI
- 2	130113	PANEL ASSY, GRAY, RH.....	1	*I
	130113-501	PANEL ASSY, RED, RH.....	1	*I
	130113-503	PANEL ASSY, GREEN, RH.....	1	*I
	130113-511	PANEL ASSY, GRAY, RH.....	1	*II
	130113-513	PANEL ASSY, RED, RH.....	1	*II
	130113-515	PANEL ASSY, GREEN, RH.....	1	*II
	130112-3	. BOARD, BACKING.....	1	*III
	130112-5	. PAD, CUSHION.....	1	*III
	EC-1368	. @ GLUE.....	AR	*III
	130113-7	. COVER, GRAY.....	1	*I
	130113-9	. COVER, RED.....	1	*I
	130113-11	. COVER, GREEN.....	1	*I
	130113-13	. COVER, GRAY.....	1	*II
	130113-15	. COVER, RED.....	1	*II
	130113-17	. COVER, GREEN.....	1	*II
	130125	. . BUTTON ASSY, GRAY.....	1	*I
	130125-501	. . BUTTON ASSY, RED.....	1	*I
	130125-503	. . BUTTON ASSY, GREEN.....	1	*I
	130125-511	. . BUTTON ASSY, GRAY.....	1	*II
	130125-513	. . BUTTON ASSY, RED.....	1	*II

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
45- 2	130125-515	. . . BUTTON ASSY, GREE-1.....	1	*II
	130193-35	PANEL ASSY, SAND, RH.....	1	*IV
	13C193-37	PANEL ASSY, ORANGE, RH.....	1	*IV
	130193-39	PANEL ASSY, NATURAL LEATHER, RH.....	1	*V
	130193-41	PANEL ASSY, ANTIQUE LEATHER, RH.....	1	*V
	130193-43	PANEL ASSY, GRAY TWEED, RH.....	1	*VI
	130193-45	PANEL ASSY, BRONZE, RH.....	1	*VI
	130193-3	. BOARD, BACKING.....	1	*V
	130193-7	. PAD, CUSHION.....	1	*V
	#1432	. @ SCREW.....	6	*V
	NO NUMBER	. @ ADHESIVE.....	AR	*V
	130193-11	. COVER, SAND FABRIC.....	1	*IV
	130193-13	. COVER, ORANGE FABRIC.....	1	*IV
	130193-15	. COVER, NATURAL LEATHER.....	1	*V
	130193-17	. COVER, ANTIQUE LEATHER.....	1	*V
	130193-19	. COVER, BLACK & WHITE TWEED.....	1	*VI
	130193-21	. COVER, BRONZE FABRIC.....	1	*VI
	NO NUMBER	. @ THREAD /SIZE 69 TO 85/.....	AR	*V
- 3	130091-55	PANEL ASSY, LH.....	1	*VII
	130091-49	PANEL ASSY, LH.....	1	*VIII
	AN507-832-R12	. @ SCREW.....	1	*III
	AN509-8-R6	. @ SCREW.....	5	*III
	#7615	. @ WASHER.....	6	*III
	130091-39	. PANEL.....	1	*III
	2A20580	. ASH TRAY.....	2	*III
	AN531-4R6	. @ SCREW.....	2	*III
	A1890-4Z-1	. @ SPEED NUT.....	2	*III
	130091-57	. INSERT, UPPER FWD, WALNUT TRIM.....	1	*VII
	130091-3	. INSERT, UPPER FWD, FRUITWOOD TRIM.....	1	*VIII
	130091-35	. PAD ASSY, FWD ARM REST, NI.....	1	*III
	AN960-6	. @ WASHER.....	2	*III
	130091-17	. BOARD, BACKING.....	1	*III
	294660-1	. CLIP, NYLON.....	2	*III
	130091-29	. PAD, CUSHION.....	1	*III
	130091-23	. COVER.....	1	*III
	130091-63	. INSERT, LOWER FWD, WALNUT TRIM.....	1	*VII
	130091-9	. INSERT, LOWER FWD, FRUITWOOD TRIM.....	1	*VIII
	130091-61	. INSERT, UPPER AFT, WALNUT TRIM.....	1	*VII
	130091-7	. INSERT, UPPER AFT, FRUITWOOD TRIM.....	1	*VIII
	130091-33	. PAD ASSY, AFT ARM REST, NI.....	1	*III
	AN960-6	. @ WASHER.....	2	*III
	130091-15	. BOARD, BACKING.....	1	*III
	294660-1	. CLIP, NYLON.....	7	*III
	130091-27	. PAD, CUSHION.....	1	*III
	130091-21	. COVER.....	1	*III
	130091-59	. INSERT, LOWER AFT, WALNUT TRIM.....	1	*VII
	130091-5	. INSERT, LOWER AFT, FRUITWOOD TRIM.....	1	*VIII
- 4	130091-51	PANEL ASSY, DOOR, RH.....	1	*I
	130091-85	PANEL ASSY, DOOR, RH.....	1	*IV
	130091-47	PANEL ASSY, DOOR, RH.....	1	*VIII
	AN530-4R6	@ SCREW.....	AR	*VII
	#1794	@ SCREW.....	4	*VII
	#7615	@ WASHER.....	4	*VII
	914053	@ BUSHING, NI.....	4	*VII
	130091-45	. PANEL.....	1	*III
	130091-71	. STRIP, MOULDING.....	1	*III
	AN531-4R4	. @ SCREW.....	3	*III





M20 SERIES

PARTS CATALOG

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
45- 8	13C115-11 130115-13 130115-15	. COVER, TAN..... . COVER, WHITE..... . COVER, LIGHT GRAY.....	1 1 1	*V *V *VI
- 9	130090 130090-501 130090-503 130090-3 130090-7 EC-1368 130090-5 130090-11 130090-13	PANEL, REAR BAG. COMPT..... PANEL, REAR BAG. COMPT..... PANEL, REAR BAG. COMPT..... . BOARD, BACKING..... . PAD, CUSHION..... . @ GLUE..... . COVER, GRAY..... . COVER, TAN..... . COVER, WHITE.....	1 1 1 1 1 1 1 1 1	*X *V *V *V *V *V *X *V *V
- 10	13C089 130089-501 914053-3 #1794 #7615	FLOORLINER, HAT RACK..... FLOORLINER, HAT RACK..... @ SPACER..... @ SCREW..... @ WASHER.....	1 1 6 4 4	*XI *V *III *III *III
- 11	13C0117 #1794 #/615 13C0117-3 13C0117-5 13C0117-7 EC-1368	PANEL ASSY, HAT RACK AFT..... @ SCREW..... @ WASHER..... . BOARD, BACKING..... . PAD, CUSHION..... . FABRIC..... . @ GLUE.....	1 1 1 1 1 1 1	*XII *XII *XII *XII *XII *XII *XII
- 12	13C124 13C124-3 13C124-5 EC-1368	HEADLINER, HAT RACK..... . BOARD, BACKING..... . COVER..... . @ GLUE.....	1 1 1 1	*XII *XII *XII *XII
- 13	13C0087 AN530-4R6 AU-VE-CO-R1 914053-3 AN365-632 #1794 #7615 13C087-3 13C087-501 #1794 #7615 13C087-5	COVER ASSY, HAT RACK..... @ SCREW..... @ SCREW..... @ SPACER..... @ NUT..... @ SCREW..... @ WASHER..... . COVER..... COVER ASSY, HAT RACK..... @ SCREW..... @ SCREW..... @ WASHER..... . COVER.....	1 4 4 4 4 5 5 1 1 10 10	*XII *XII *XII *XII *XII *XII *XII *XII *XII *XII *XII *XII
- 14	13C0104 #1432 #7615 13C0104-17 13C0104-25 #120	PANEL..... @ SCREW..... @ WASHER..... . COVER, FABRIC..... . COVER, FABRIC..... . @ GLUE.....	1 3 3 1 1 1	*III *III *III *X *V *V
- 15	13C0097 AN530-4R6 AN960-4L	TRIM, BULKHEAD..... @ SCREW..... @ WASHER.....	1 4 4	*III *III *III
- 16	13C0120 #249 #1794 #7615 002-0056-041- 0200 13C0120-3 13C0120-7	PANEL ASSY, BAGGAGE DOOR..... @ CLIP..... @ SCREW..... @ WASHER..... . WINDLACE..... . BOARD, BACKING..... . PAD, CUSHION.....	1 15 3 3 AR 1 1	*III *III *III *III *III *III *III



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
45- 16	130120-5 #120	• COVER, FABRIC..... • @ GLUE.....	1 AR	*III *III
- 17	130104-5 130104-19 130104-3 #120 130104-9 130104-21 130104-7 #120 130104-13 130104-23 130104-11 #120	COVER, FABRIC, FWD, LH..... COVER, FABRIC, FWD, LH..... • PAD, INSULATION..... • @ GLUE..... COVER, FABRIC, AFT, LH..... COVER, FABRIC, AFT, LH..... • PAD, INSULATION..... • @ GLUE..... COVER, FABRIC, RH, NI..... COVER, FABRIC, RH, NI..... • PAD, INSULATION..... • @ GLUE.....	1 1 1 1 1 1 1 1 1 1 1 1 1	*X *V *III *III *X *V *III *III *X *V *III *III
- 18	130092 130092-501 130092-3 130092-5 810056-501 AN530-4R4 A1890-4Z-1	CONSOLE ASSY, HEADLINER..... CONSOLE ASSY, HEADLINER..... • CONSOLE..... • CONSOLE..... • GRILL, RADIO SPEAKER..... • @ SCREW..... • @ SPEED NUT.....	1 1 1 1 1 3 3	*X *V *X *V *III *III
- 19	130096 AN530-4R6 AN960-4L	TRIM, BULKHEAD..... @ SCREW..... @ WASHER.....	1 2 2	*III *III *III
- 20	130095 130095-501 AN530-4R4	TRIM, WINDSHIELD BOW..... TRIM, WINDSHIELD BOW..... @ SCREW.....	1 1 6	*X *V *III
- 21	130109-3 130109-5 AN530-4R6 AN960-6L A1890-4Z-1 130109-7 13C109-9 130109-11 130109-13 #8373 NO NUMBER	COVER ASSY, FIREWALL..... COVER ASSY, FIREWALL..... @ SCREW..... @ WASHER..... @ SPEED NUT..... • COVER, FIREWALL..... • COVER, FOOTWELL..... • COVER, GOVERNOR WELL..... • POCKET, NI..... • ZIPPER, NI..... • @ THREAD /SIZE 69 TO 85/.....	1 1 16 16 16 1 1 1 1 1 1 1 1 1 1	*VII *VIII *XII *XII *XII *VII *VIII *XII *VII *VII *VII *VII *VII *VII *VII *VII
- 22	130110-17 130110-19 294660-1 130110-3 130110-4 130110-7 #120 NO NUMBER NO NUMBER 130110-15 AN530-4R6 130110-9 130110-11 AN530-4R6 130110-25 13C110-26 130110-21 130110-22 130110-29	CARPET ASSY, LH..... CARPET ASSY, RH..... @ CLIP..... • CARPET, GREEN, LH..... • CARPET, GREEN, RH..... • MAT, CARPET..... • @ GLUE..... • @ THREAD /SIZE 69 TO 85/..... • @ TRIM..... • COVER, CENTER..... • @ SCREWS..... • COVER, CENTER, FRONT..... • COVER, CENTER, BACK..... • @ SCREWS..... CARPET ASSY, LH..... CARPET ASSY, RH..... • CARPET, CHARCOAL, LH..... • CARPET, CHARCOAL, RH..... • MAT, CARPET.....	1 1 8 1	*X *X

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
45- 22	#120	. @ GLUE.....	AR	*V
	NO NUMBER	. @ THREAD.....	AR	*V
	NO NUMBER	. @ TRIM.....	AR	*V
	13C110-9	. COVER, CENTER, FRONT.....	1	*V
	130110-11	. COVER, CENTER, BACK.....	1	*V
	AN530-4R6	. @ SCREWS.....	9	*V
	130110-27	CARPET ASSY, LH.....	1	*V
	130110-28	CARPET ASSY, RH.....	1	*V
	130110-23	. CARPET, BRONZE, LH.....	1	*V
	130110-24	. CARPET, BRONZE, RH.....	1	*V
	130110-29	. MAT, CARPET.....	1	*V
	#120	. @ GLUE.....	AR	*V
	NO NUMBER	. @ TRIM.....	AR	*V
	NU NUMBER	. @ THREAD.....	AR	*V
	130110-9	. COVER, CENTER, FRONT.....	1	*V
	130110-11	. COVER, CENTER, BACK.....	1	*V
	AN530-4R6	. @ SCREWS.....	9	*V
- 24	130121-13	COVER ASSY, SPAR.....	1	*VII
	130121-15	COVER ASSY, SPAR.....	1	*VII
	130121-17	COVER ASSY, SPAR.....	1	*XIII
	130121-25	COVER ASSY, SPAR.....	1	*III
	130121-27	COVER ASSY, SPAR.....	1	*III
	130121-29	COVER ASSY, SPAR.....	1	*III
	130121-55	COVER ASSY, SPAR.....	1	*V
	130121-57	COVER ASSY, SPAR.....	1	*V
	130121-63	COVER ASSY, SPAR.....	1	*IV
	130121-65	COVER ASSY, SPAR.....	1	*IV
	130121-59	COVER ASSY, SPAR.....	1	*VI
	130121-61	COVER ASSY, SPAR.....	1	*VI
	AN507-6R18	@ SCREW.....	4	*III
	#7615	@ WASHER.....	4	*III
	130121-9	. BOARD, BACKING.....	1	*III
	130121-11	. PAD, CUSHION.....	1	*III
	#120	. @ GLUE.....	AR	*III
	130121-3	. COVER, GRAY VINYL FABRIC.....	1	*VII
	130121-5	. COVER, RED VINYL FABRIC.....	1	*VII
	130121-7	. COVER, GREEN VINYL FABRIC.....	1	*VIII
	130121-19	. COVER, GRAY LEATHER FABRIC.....	1	*III
	130121-21	. COVER, RED LEATHER FABRIC.....	1	*III
	130121-23	. COVER, BLUE-GREEN LEATHER FABRIC.....	1	*III
	130121-43	. COVER, WHITE LEATHER.....	1	*V
	130121-45	. COVER, NATURAL LEATHER.....	1	*V
	130121-51	. COVER, ORANGE FABRIC.....	1	*IV
	130121-53	. COVER, SAND FABRIC.....	1	*IV
	130121-47	. COVER, BLACK & WHITE TWEED.....	1	*VI
	130121-49	. COVER, BRONZE FABRIC.....	1	*VI
- 25	130111	FLOOR MAT ASSY, BAG. COMPT.....	1	*X
	130111-501	FLOOR MAT ASSY, BAG. COMPT.....	1	*V
	130111-503	FLOOR MAT ASSY, BAG. COMPT.....	1	*V
	130111-3	. FLOOR MAT, GREEN.....	1	*X
	130111-7	. FLOOR MAT, CHARCOAL.....	1	*V
	130111-9	. FLOOR MAT, BRONZE.....	1	*V
	130111-19	. PAD, CUSHION.....	1	*V
	130111-5	. TRIM.....	AR	*V
	NO NUMBER	. @ THREAD / SIZE 69 TO 85/.....	AR	*III
- 26	010003-1	STRAP, BAGGAGE, LH.....	1	*III
	010003-2	STRAP, BAGGAGE, RH.....	1	*III



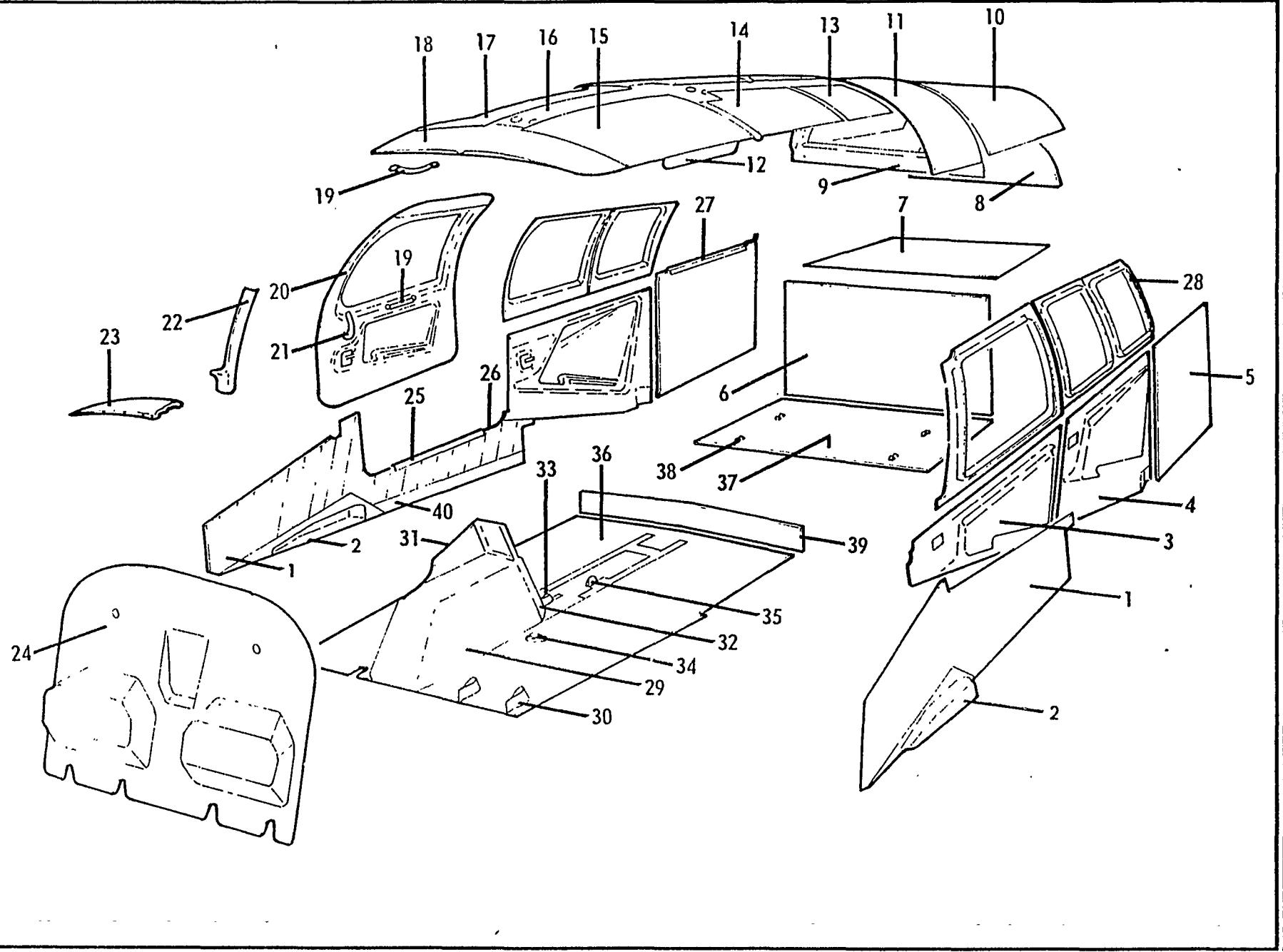
FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
45- 26	AN3-6A	2 BOLT.....	4	*III
	AN970-4	2 WASHER.....	4	*III
- 27	130105-1	MOULDING, FOOTWELL, LH.....	1	*III
	130105-2	MOULDING, FOOTWELL, RH.....	1	*III
	#1794	2 SCREW.....	6	*III
	#7615	2 WASHER.....	6	*III
- 28	#2150	CONTROL ASSY, AIR INLET.....	1	*III
	AN530-6R10	2 SCREW.....	4	*III
- 29	640042-501	COVER, HEAT INLET VENT.....	2	*III
	AN530-4R8	2 SCREW.....	2	*III
	#7615	2 WASHER.....	2	*III
	A1890-4Z-1	2 SPEED NUT.....	2	*III
- 30	640133-1	COVER, BAG. COMPT EXHAUST, LH, NI.....	1	*III
	640133-2	COVER, BAG. COMPT EXHAUST, RH.....	1	*III
	AN530-4R4	2 SCREW.....	AR	*III
	#1794	2 SCREW.....	1	*III
	#7614	2 WASHER.....	1	*III
	1777-6Z-1	2 SPEED NUT.....	L	*III
- 31	71T	WINDLACE.....	AR	*III
- 32	340078-33	ANGLE.....	1	*III
	AN530-4R3	2 SCREW.....	3	*III
- 33	340078-3	ANGLE.....	1	*III
	AN531-4R4	2 SCREW.....	23	*III
- 34	340078-11	ANGLE.....	1	*III
	AN530-4R3	2 SCREW.....	4	*III
- 35	130107	PULL STRAP.....	2	*III
	AN960-4	2 WASHER.....	2	*III
	130071	2 WASHER.....	2	*III
	AN960-4L	2 WASHER.....	2	*III
	AN507-1032R10	2 SCREW.....	2	*III
- 36	310146-501	HANDLE, CABIN DOOR.....	1	*III
	AN960-716	2 WASHER.....	1	*III
	RPA-52-028-125-			
	0875	2 PIN, ROLL.....	1	*III
	130081-501	COVER, DOOR HANDLE.....	1	*III
	AN530-4R6	2 SCREW.....	1	*III
- 37	130099	MOULDING, WINDSHIELD, RH.....	1	*III
	AN530-4R6	2 SCREW.....	4	*III
- 38	950027-1	SHIELD, GLARE.....	1	*III
- 39	130103	COVER ASSY, NOSE WHEELWELL.....	1	*X.
	130103-501	COVER ASSY, NOSE WHEELWELL.....	1	*V
	AN530-4R4	2 SCREW.....	2	*III
	130103-13	2 BOOT, ELEVATOR CONTROL.....	1	*III
	#120	2 GLUE.....	AR	*III
	130103-11	2 BOOT, AILERON CONTROL.....	1	*III
	#120	2 GLUE.....	AR	*III
- 40	130103-3	COVER, RH.....	1	*X
	130103-15	COVER, RH.....	1	*V
	AN742-10	2 CLAMP.....	2	*III
	AN530-8R8	2 SCREW.....	2	*III
	A1274-8Z-3	2 NUT.....	2	*III
	AN530-4R4	2 SCREW.....	8	*III
	A1890-4Z-1	2 SPEED NUT.....	4	*III
	795E10	2 CLAMP.....	1	*III
	AN526-832R6	2 SCREW.....	1	*III
	AN530-8R8	2 SCREW.....	1	*III
	A1949-8Z-3	2 SPEED NUT.....	1	*III

MOONEY**M20 SERIES****PARTS CATALOG**

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
45- 41	13C103-9	COVER, LOWER FRONT.....	1	*III
	AN530-4R4	. @ SCREW.....	4	*III
	13C103-7	COVER, UPPER FRONT.....	1	*X
	#1432	. @ SCREW.....	4	*III
	#7615	. @ WASHER.....	4	*III
	13C103-17	CUVER, UPPER FRONT.....	1	*V
	A1890-47-1	. @ SPEED NUT.....	4	*III
	AN530-4R4	@ SCREW.....	4	*III
	#1432	@ SCREW.....	4	*III
	#7615	@ WASHER.....	4	*III
	A1890-4Z-1	@ SPEED NUT.....	4	*III
- 42	13C108	BOOT ASSY, RUDDER.....	4	*III
	AN530-4R6	@ SCREW.....	15	*III
- 43	610035-501	PAN, FUEL SELECTOR VALVE.....	1	*III
	#1794	@ SCREW.....	5	*III
	#7615	@ WASHER.....	5	*III
- 44	170001-5	BOOT, GEAR RETRACTION LEVER.....	1	*III
- 45	740054-503	COVER, TRIM ACTUATOR.....	1	*III
	AN526-632-4	@ SCREW.....	4	*III
*I- 3185C-3466C, 260D & ON				
*II- 832E-11308E				
*III- 3185C & ON, 260D & ON, 832E & ON				
*IV- 670001C & ON				
*V- 670001C & ON, 670001E & ON				
*VI- 670001E & ON				
*VII- 3185C & ON				
*VIII- 832E & ON				
*IX- 3185C-3466C, 260D & ON, 832E & ON				
*X- 3185C-3466C, 260D & ON, 832E-1308E				
*XI- 3185C-3466C, 831E-1308E				
*XII- 3185C & ON, 832E & ON				
*XIII- 260D & ON				
*XIV- 252D-259D				



FIGURE 46. Cabin Interior Furnishings (M20F)



MOONEY



M20 SERIES

PARTS CATALOG

FIGURE & INDEX NOS	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
46- 1	130162-35	PANEL ASSY, BLACK & WHITE TWEED, LH.....	1	F
	130162-27	PANEL ASSY, BLACK & WHITE TWEED, RH.....	1	F
	130162-37	PANEL ASSY, BRONZE FABRIC, LH.....	1	F
	130162-29	PANEL ASSY, BRONZE FABRIC, RH.....	1	F
	130162-39	PANEL ASSY, NATURAL LEATHER, LH.....	1	F
	130162-31	PANEL ASSY, NATURAL LEATHER, RH.....	1	F
	130162-41	PANEL ASSY, ANTIQUE LEATHER, LH.....	1	F
	130162-33	PANEL ASSY, ANTIQUE LEATHER, RH.....	1	F
	#1432	@ SCREW.....	6	F
	#7615	@ WASHER.....	6	F
	130162-5	. BOARD, BACKING, LH.....	1	F
	130162-3	. BOARD, BACKING, RH.....	1	F
	130162-7	. PAD, CUSHION, LH.....	1	F
	130162-9	. PAD, CUSHION, RH.....	1	F
	130162-19	. COVER, BLACK & WHITE TWEED, LH.....	1	F
	130162-11	. COVER, BLACK & WHITE TWEED, RH.....	1	F
	130162-21	. COVER, BRONZE FABRIC, LH.....	1	F
	130162-13	. COVER, BRONZE FABRIC, RH.....	1	F
	130162-23	. COVER, NATURAL LEATHER, LH.....	1	F
	130162-15	. COVER, NATURAL LEATHER, RH.....	1	F
	130162-25	. COVER, ANTIQUE LEATHER, LH.....	1	F
	130162-17	. COVER, ANTIQUE LEATHER, RH.....	1	F
	NO NUMBER	. @ THREAD /SIZE 69 TO 85/.....	AR	F
	EC-1368	. @ GLUE.....	AR	F
- 2	130105-1	MOULDING, FOOTWELL, LH.....	1	F
	130105-2	MOULDING, FOOTWELL, RH.....	1	F
	#1794	@ SCREW.....	6	F
	#7615	@ WASHER.....	6	F
- 3	130158-25	PANEL ASSY, LEFT FRONT	1	F
	130158-23	. PANEL.....	1	F
	AN530-4R6	. @ SCREW.....	2	F
	S-3/8	. @ SCREW.....	1	F
	#7615	. @ WASHER.....	1	F
	#1794	. @ SCREW.....	1	F
	#7615	. @ WASHER.....	1	F
	2A20580	. ASH TRAY.....	1	F
	AN531-4R6	. @ SCREW.....	1	F
	A1490-4Z-1	. @ SPEED NUT.....	1	F
	130091-9	. INSERT, FRUITWOOD.....	1	F
	130091-11	. INSERT, FRUITWOOD.....	1	F
	130091-33	. PAD ASSY, ARM REST.....	1	F
	130091-7	. . BOARD, BACKING.....	1	F
	130091-9	. . PAD, CUSHION.....	1	F
	130091-11	. . COVER.....	1	F
	294660-1	. . @ CLIP.....	2	F
- 4	130158-17	PANEL ASSY, LEFT REAR	1	F
	130158-15	. PANEL.....	1	F
	AN530-4R6	. @ SCREW.....	6	F
	2A20580	. ASH TRAY.....	1	F
	AN531-4R6	. @ SCREW.....	1	F
	A1490-4Z-1	. @ SPEED NUT.....	1	F
	130158-5	. INSERT, FRUITWOOD.....	1	F
	130158-7	. INSERT, FRUITWOOD.....	1	F
	130158-13	. PAD ASSY, ARM REST.....	1	F
	130158-3	. . BOARD, BACKING.....	1	F
	130158-9	. . PAD, CUSHION.....	1	F
	130158-11	. . COVER.....	1	F



MOONEY**M20 SERIES****PARTS CATALOG**

FIGURE & INDEX NOS	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
46- 10	130187	HEADLINER, HATRACK.....	1	F
	#1794	• SCREW.....	4	F
	#7615	• WASHER.....	4	F
	130187-3	• BOARD, BACKING.....	1	F
	130187-5	• COVER, WHITE.....	1	F
	#120	• @ GLUE.....	AR	F
- 11	130184	PANEL, BAGGAGE HEADLINER.....	1	F
	#1432	• SCREW.....	3	F
	#7615	• WASHER.....	3	F
	130184-3	• BOARD, BACKING.....	1	F
	130184-5	• COVER, WHITE.....	1	F
	#120	• @ GLUE.....	AR	F
- 12	130185	PANEL, BAGGAGE DOOR.....	1	F
	#249	• CLIP.....	15	F
	130185-3	• BOARD, BACKING.....	1	F
	130185-5	• PAD, CUSHION.....	1	F
	130185-7	• COVER, WHITE.....	1	F
	#120	• @ GLUE.....	AR	F
- 13	130159-5	COVER, FABRIC, AFT, LH.....	1	F
	130159-9	• PAD, INSULATION.....	1	F
	130159-5	COVER, FABRIC, AFT, RH, NI.....	1	F
	130159-9	• PAD, INSULATION.....	1	F
	#120	• @ GLUE.....	AR	F
- 14	130159-5	COVER, FABRIC, CENTER, LH.....	1	F
	130159-3	COVER, FABRIC, CENTER, RH, NI.....	1	F
	130159-9	• PAD, INSULATION, LH.....	1	F
	130159-7	• PAD, INSULATION, RH, NI.....	1	F
	#120	• @ GLUE.....	AR	F
- 15	130104-19	COVER, FABRIC, FWD, LH.....	1	F
	130104-3	• PAD, INSULATION.....	1	F
	#120	• @ GLUE.....	AR	F
- 16	130160	CONSOLE ASSY, HEADLINER.....	1	F
	A.430-426	• SCREW.....	4	F
	A.4960-4L	• WASHER.....	4	F
	810056-501	• GRILL, RADIO SPEAKER.....	1	F
	AN530-424	• @ SCREW.....	3	F
	A1890-42-1	• @ SPEED NUT.....	3	F
- 17	130098-501	MOULDING ASSY, CABIN DOOR.....	1	F
	130098-3	• MOULDING.....	1	F
	130098-7	• FABRIC.....	1	F
	#120	• @ GLUE.....	AR	F
- 18	130095-501	TRIM, WINDSHIELD HOW.....	1	F
	A.430-424	• SCREW.....	4	F
- 19	130107	PULL STRAP.....	2	F
	A.4960-4	• WASHER.....	2	F
	130071	• WASHER.....	2	F
	A.4960-4L	• WASHER.....	2	F
	A.4507-1032R10	• SCREW.....	2	F
- 20	130091-73	PANEL ASSY, DOOR.....	1	F
	A.430-426	• SCREW.....	AR	F
	#1794	• SCREW.....	4	F
	#1415	• WASHER.....	4	F
	914053	• BUSHING.....	4	F
	130091-45	• PANEL.....	1	F
	130091-71	• STRIP.....	1	F
	S.1-424	• @ SCREW.....	3	F
	A1437-42-1	• @ SPEED NUT.....	3	F

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
46- 20	130091-75	. FABRIC.....	1	F
	130091-77	. TRIM.....	1	F
	130091-79	. TRIM.....	1	F
	130091-81	. TRIM.....	1	F
	130091-83	. TRIM.....	1	F
	#120	. @ GLUE.....	AR	F
	2A20580	. ASH TRAY.....	1	F
	AN531-4R6	. @ SCREW.....	2	F
	A1890-4Z-1	. @ SPEED NUT.....	2	F
	130091-37	. PAD ASSY, ARM REST.....	1	F
	AN960-6	. @ WASHER.....	2	F
	130091-19	. . BOARD, BACKING.....	1	F
	130097-31	. . PAD, CUSHION.....	1	F
	293660	. . @ CLIP.....	2	F
	130091-25	. . COVER.....	1	F
- 21	310146-501	HANDLE, CABIN DOOR.....	1	F
	AN960-716	@ WASHER.....	1	F
	RAP-52-028-125-			
	0875	. @ PIN, ROLL.....	1	F
	130081-501	. COVER, DOOR HANDLE.....	1	F
	AN530-4R6	. @ SCREW.....	1	F
- 22	130099-501	MOULDING, WINDSHIELD.....	1	F
	AN530-4R6	@ SCREW.....	4	F
- 23	950027-1	SHIELD, GLARE.....	1	F
- 24	130109-5	COVER ASSY, FIREWALL.....	1	F
	AN530-4R6	@ SCREW.....	16	F
	AN960-5L	@ WASHER.....	16	F
	A1890-4Z-1	@ SPEED NUT.....	16	F
	130109-7	. COVER, FIREWALL.....	1	F
	130109-9	. COVER, FOOTWELL.....	1	F
	130109-11	. COVER, GOVERNOR WELL.....	1	F
	130109-13	. POCKET, NI.....	1	F
	#8373	. ZIPPER, NI.....	1	F
	NO NUMBER	. @ THREAD /SIZE 69 TO 85/.....	AR	F
- 25	340078-11	ANGLE.....	1	F
	AN530-4R3	@ SCREW.....	4	F
- 26	71T	WINDLACE.....	AR	F
- 27	340078-33	ANGLE.....	1	F
	AN530-4R4	@ SCREW.....	4	F
- 28	130166	MOULDING, WINDOW, LH.....	1	F
	AN530-4R8	@ SCREW.....	9	F
	AN530-4R6	@ SCREW.....	38	F
	130167	MOULDING, WINDOW, RH.....	1	F
	AN530-4R8	@ SCREW.....	2	F
	AN530-4R6	@ SCREW.....	24	F
- 29	130103	COVER ASSY, NOSE WHEELWELL.....	1	F
	AN530-4R4	@ SCREW.....	2	F
	130103-13	. BOOT, ELEVATOR CONTROL.....	1	F
	130103-11	. BOOT, AILERON CONTROL.....	1	F
	#120	. @ GLUE.....	AR	F
- 30	130108	. BOOT, RUDDER CONTROL.....	1	F
- 31	130103-15	COVER, RH.....	1	F
	AN742-10	@ CLAMP.....	2	F
	AN530-8R8	@ SCREW.....	2	F
	A1274-8Z-3	@ NUT, CLIP.....	2	F
	AN530-4R4	@ SCREW.....	8	F
	A1890-4Z-1	@ SPEED NUT.....	4	F



FIGURE & INDEX NOS	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
46- 31	795E10 AN526-832R6 AN530-8R8 A1949-8Z-3	2 CLAMP..... 2 SCREW..... 2 SCREW..... 2 SPEED NUT.....	1 1 1 1	F F F F
- 32	130103-9 AN530-4R4 #1432 #7615 A1890-4Z-1 130103-17 AN530-4R4 #1432 #7615 A1890-4Z-1	COVER, LOWER FRONT..... 2 SCREW..... 2 SCREW..... 2 WASHER..... 2 SPEED NUT..... COVER, UPPER FRONT..... 2 SCREW..... 2 SCREW..... 2 WASHER..... 2 SPEED NUT.....	1 4 4 4 1 4 4 4 4	F F F F F F F F F
- 33	170001-5	BOOT, GEAR RETRACTION LEVER.....	1	F
- 34	610035-501 #1794 #7615	PAN, FUEL SELECTOR VALVE..... 2 SCREW..... 2 WASHER.....	1 5 5	F F F
- 35	740054-503	COVER, TRIM ACTUATOR.....	1	F
- 36	130161-29 130161-27 130161-33 130161-31 294660-1 AN530-4R6 #120 130161-11 130161-9 130161-15 130161-13 130161-5 130161-3	FLOOR MAT ASSY, CHARCOAL, LH..... FLOOR MAT ASSY, CHARCOAL, RH..... FLOOR MAT ASSY, BRONZE, LH..... FLOOR MAT ASSY, BRONZE, RH..... 2 CLIP..... • 2 SCREW..... • 2 GLUE..... • CARPET, CHARCOAL, LH..... • CARPET, CHARCOAL, RH..... • CARPET, BRONZE, LH..... • CARPET, BRONZE, RH..... • COVER, CENTER, FRONT..... • COVER, CENTER, BACK.....	1 1 1 1 4 9 AR	F F F F F F F
- 37	130121-55 130121-57 130121-59 130121-61 AN407-6R18 #7615 130121-9 130121-11 130121-43 130121-45 130121-47 130121-49 #120	COVER ASSY, SPAR, WHITE LEATHER..... COVER ASSY, SPAR, NATURAL LEATHER..... COVER ASSY, SPAR, TWEED..... COVER ASSY, SPAR, BRONZE FABRIC..... 2 SCREWS..... 2 WASHER..... • BOARD, BACKING..... • PAD, CUSHION..... • COVER, ANTIQUE WHITE LEATHER..... • COVER, NATURAL LEATHER..... • COVER, BLACK & WHITE TWEED..... • COVER, BRONZE FABRIC..... • 2 GLUE.....	1 1 1 1 1 1 AR	F F F F F F F
- 38	130111-501 130111-21 130111-15 NO NUMBER #1614 130111-503 130111-21 130111-17 NO NUMBER #1614	FLOOR MAT ASSY, BAG. COMPT..... • PAD, CUSHION..... • FLOOR MAT, CHARCOAL..... • 2 TRIM..... • 2 THREAD..... FLOORMAT ASSY, BAG. COMPT..... • PAD, CUSHION..... • FLOOR MAT, BRONZE FABRIC..... • 2 TRIM..... • 2 THREAD.....	1 1 1 AR AR 1 1 1 AR AR 1 1 1 AR AR	F F F F F F F F F F
- 39	010003-1 010003-2 AN3-6A AN970-4	STRAP, BAGGAGE, LH..... STRAP, BAGGAGE, RH..... 2 BOLT..... 2 WASHER.....	1 1 4 4	F F F F
- 40	130197-3 130197-4 #3073	FAIRING, SIDE PANEL, LH..... FAIRING, SIDE PANEL, RH..... 2 SCREWS.....	1 1 10	F F F

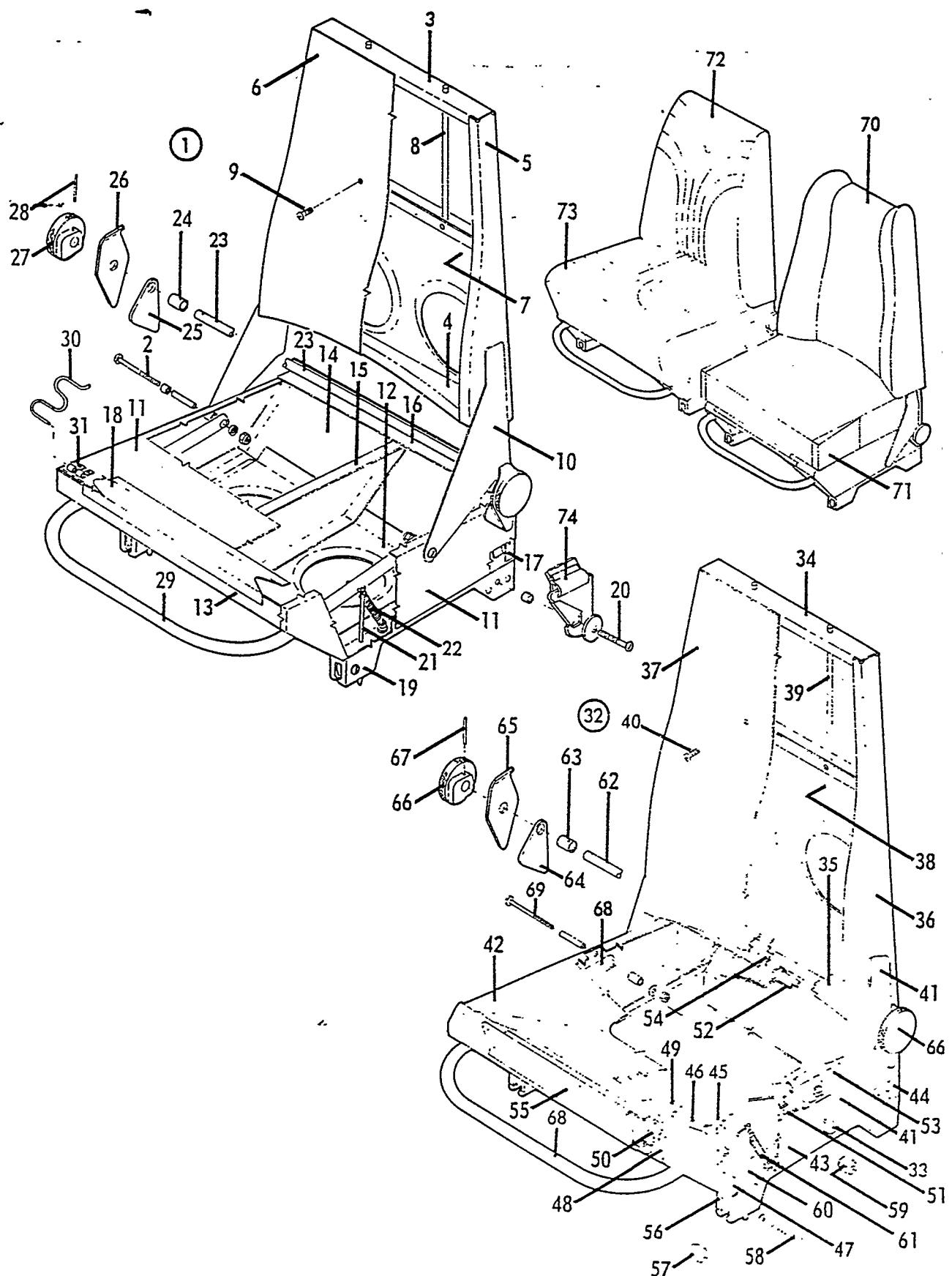


FIGURE 47. Front Seat Assemblies



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
47- 1	140040-503	SEAT ASSY, FRONT.....	2	*I
	140040-505	SEAT ASSY, FRONT.....	2	*II
	140078-1	• BACK ASSY, FRONT SEAT.....	2	*I
	140078-501	• BACK ASSY, FRONT SEAT.....	2	*II
- 2	AN24-40	• a BOLT.....	2	*III
	140056-3	• a BUSHING.....	2	*III
	140057-3	• a SPACER.....	2	*III
	914020-31	• a BUSHING.....	2	*III
	AN960-10L	• a WASHER.....	2	*III
	AN365-428	• a NUT.....	2	*III
- 3	140078-7	• FORMER, TOP.....	1	*I
	140078-11	• FORMER, TOP.....	1	*II
- 4	140078-5	• FORMER, BOTTOM.....	1	*III
- 5	140078-3	• FORMER, LH.....	1	*III
	140078-4	• FORMER, RH.....	1	*III
- 6	140011-9	• PANEL, FRONT.....	1	*III
- 7	140078-9	• COVER, BACK.....	1	*I
	140078-13	• COVER, BACK.....	1	*II
- 8	140092-1	• TUBE, HEADREST ATTACH.....	2	*II
- 9	AN515-8-16	• a SCREW.....	1	*II
	914053-5	• a SPACER.....	1	*II
	AN363-832	• a NUT.....	1	*II
- 10	140051-3	• PLATE, HINGE, LH.....	1	*III
	140051-4	• PLATE, HINGE, RH.....	1	*III
- 11	140049-503	• SHELL ASSY, SEAT.....	1	*III
	140049-3	• SHELL, SEAT.....	1	*III
	140049-5	• DOUBLER, NI.....	2	*III
	140049-7	• PLATE, STIFFENER, NI.....	2	*III
- 12	140048-3	• PLATE, BOTTOM.....	1	*III
- 13	140045-3	• PLATE, FRONT.....	1	*III
- 14	140047-3	• PLATE.....	1	*III
- 15	140053-3	• BULKHEAD.....	1	*III
- 16	140052-3	• STIFFENER, ANGLE.....	1	*III
- 17	140043-3	• BRACKET, CORNER, LH.....	1	*III
	140043-4	• BRACKET, CORNER, RH.....	1	*III
- 18	140060-3	• EXTENSION, SEAT.....	1	*III
- 19	140046-1	• RAIL ASSY, SEAT, LH.....	1	*III
	140046-2	• RAIL ASSY, SEAT, RH.....	1	*III
	140046-3	• RAIL, SEAT, LH.....	1	*III
	140046-4	• RAIL, SEAT, RH.....	1	*III
	AN23-22A	• BOLT, NI.....	2	*III
	914020-33	• SPACER, NI.....	2	*III
	AN960-10L	• WASHER, NI.....	2	*III
	AN365-1032	• NUT, NI.....	2	*III
	140046-5	• BLOCK, PIN GUIDE, NI.....	1	*III
	HS48-4-16	• a HUCK RIVIT.....	3	*III
	HS15-4	• a HUCK COLLAR.....	3	*III
	140004	• ROLLER, SEAT, AFT, NI.....	1	*III
- 20	AN24-28A	• a BOLT.....	1	*III
	140046-7	• a SPACER.....	1	*III
	AN970-4	• a WASHER.....	1	*III
	AN960-416L	• a WASHER.....	1	*III
	AN364-428	• a NUT.....	1	*III
	140004	• ROLLER, SEAT, FWD, NI.....	1	*III
	AN24-22A	• a BOLT.....	1	*III
	AN960-416	• a WASHER.....	1	*III
	AN960-416L	• a WASHER.....	1	*III



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC
47- 20	AN364-428	• a NUT.....	1	*III
- 21	140050-3	• PIN, LOCKING.....	1	*III
	AN392-43	• a PIN, NI.....	1	*III
	AN960-4	• a WASHER, NI.....	1	*III
	AN960-4L	• a WASHER, NI.....	1	*III
	AN380-2-2	• a PIN, COTTER.....	1	*III
- 22	916000	• SPRING.....	1	*III
	AN42-4	• a BOLT, EYE.....	1	*III
	AN960-10L	• a WASHER.....	1	*III
	AN365-1032	• a NUT.....	1	*III
- 23	140055-3	• SHAFT, SEAT BACK ADJUST.....	1	*III
- 24	914026-31	• BUSHING.....	1	*III
- 25	140054	• BRACKET.....	1	*III
- 26	140054-3	• BRACKET, ACTUATING SHAFT.....	1	*III
- 27	140041-5	• KNOB, SEAT BACK CONTROL.....	1	*III
- 28	RPA52-028-125-			
	1125	• a PIN, ROLL.....	1	*III
- 29	140042-3	• LEVER, ACTUATING.....	1	*III
- 30	140087	• SPRING, SEAT CUSHION.....	1	*III
- 31	AN742-3	• a CLAMP.....	4	*III
	PK#4X38	• a SCREW.....	4	*III
	A1890-4Z-1	• a SPEED NUT.....	4	*III
- 32	140153-501	SEAT ASSY, FRONT.....	2	*IV
	140078-505	• BACK ASSY, FRONT SEAT.....	2	*IV
- 33	NAS222-13	• a SCREW.....	2	*IV
	140056-3	• a BUSHING.....	2	*IV
	AN960-416L	• a WASHER.....	2	*IV
	AN365-428A	• a NUT.....	2	*IV
- 34	140078-19	• FORMER, TOP.....	1	*IV
- 35	140078-17	• FORMER, BOTTOM.....	1	*IV
- 36	140078-3	• FORMER, SIDE, LH.....	1	*IV
	140078-4	• FORMER, SIDE, RH.....	1	*IV
- 37	140078-11	• PANEL, FRONT.....	1	*IV
- 38	140078-21	• COVER, BACK.....	1	*IV
- 39	140092-1	• TUBE, HEADREST ATTACH.....	2	*IV
- 40	AN515-8-16	• a SCREW.....	1	*IV
	914053-5	• a SPACER, NI.....	1	*IV
	AN363-832	• a NUT, NI.....	1	*IV
- 41	140154-1	• PLATE, HINGE, LH.....	1	*IV
	140154-2	• PLATE, HINGE, RH.....	1	*IV
- 42	140153-3	• SHELL, SEAT.....	1	*IV
- 43	140153-3	• PLATE, SIDE, LH.....	1	*IV
	140153-4	• PLATE, SIDE, RH.....	1	*IV
- 44	14C043-3	• BRACKET, CORNER, LH.....	1	*IV
	14C043-4	• BRACKET, CORNER, RH.....	1	*IV
- 45	140153-7	• BRACKET, SUPPORT, LH.....	1	*IV
	140153-8	• BRACKET, SUPPORT, RH.....	1	*IV
- 46	140153-25	• STIFFENER, ANGLE.....	1	*IV
- 47	140153-21	• STIFFENER, ANGLE, LH.....	1	*IV
	140153-22	• STIFFENER, ANGLE, RH.....	1	*IV
- 48	140153-13	• STIFFENER, ANGLE.....	1	*IV
- 49	140153-23	• BRACE.....	2	*IV
- 50	140153-19	• STRAP, CANVAS ATTACH.....	1	*IV
- 51	140153-15	• STRAP, CANVAS ATTACH.....	2	*IV
- 52	140153-17	• STRAP, CANVAS ATTACH.....	1	*IV
- 53	14C153-9	• COVER, CANVAS.....	1	*IV
	14C153-11	• COVER, CANVAS.....	1	*IV



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
47- 54	140100-11 140153-27 140153-28	• STIFFENER, ANGLE..... • GUSSET, LH, NI..... • GUSSET, RH, NI.....	1	*IV
- 55	140141	• EXTENSION, SEAT.....	1	*IV
- 56	140046-501 140046-502 140046-3 140046-4 AN23-22A 914020-33 AN960-10L AN365-1032	• RAIL ASSY, SEAT, LH..... • RAIL ASSY, SEAT, RH..... • . RAIL, SEAT, LH..... • . RAIL, SEAT, RH..... • BOLT, NI..... • SPACER, NI..... • WASHER, NI..... • NUT, NI.....	1 1 1 1 2 2 2 2	*IV *IV *IV *IV *IV *IV *IV *IV
- 57	140004	• ROLLER, SEAT RAIL, FWD.....	1	*IV
- 58	AN24-22A AN960-416 AN960-416L AN364-428	• @ BOLT..... • @ WASHER..... • @ WASHER..... • @ NUT.....	1 1 1 1	*IV *IV *IV *IV
- 59	140004 AN24-28A 140046-7 AN970-4 AN960-416L AN364-428	• ROLLER, SEAT RAIL, AFT..... • @ BOLT, NI..... • @ SPACER, NI..... • @ WASHER, NI..... • @ WASHER, NI..... • @ NUT, NI.....	1 1 1 1 1 1	*IV *IV *IV *IV *IV *IV
- 60	140050-3 AN392-43 AN960-4 AN960-4L AN380-2-2	• PIN, LOCKING..... • @ PIN, NI..... • @ WASHER, NI..... • @ WASHER, NI..... • @ PIN, COTTER, NI.....	1 1 1 1 1	*IV *IV *IV *IV *IV
- 61	916000 AN42-4 AN960-10L AN365-1032	• SPRING..... • @ BOLT, EYE..... • @ WASHER..... • @ NUT.....	2 1 1 1	*IV *IV *IV *IV
- 62	140160-1 140160-3	• SHAFT ASSY, SEAT BACK ADJUST..... • SHAFT.....	1 1	*IV *IV
- 63	140160-5	• COLLAR.....	2	*IV
- 64	140054-501	• BRACKET.....	2	*IV
- 65	140054-503	• BRACKET, ACTUATING SHAFT.....	2	*IV
- 66	140041-5	• KNOB, SEAT BACK CONTROL.....	2	*IV
- 67	RPA52-028-125-1125	• @ PIN, ROLL..... • LEVER, ACTUATING..... • @ BOLT..... • @ BUSHING..... • @ SPACER..... • @ WASHER..... • @ NUT.....	2 1 2 2 2 2 2	*IV *IV *IV *IV *IV *IV *IV
- 68	140042-3	CUSHION ASSY, FRONT SEAT BACK.....	1	*V
- 69	AN24-30 914020-21 140057-3 AN960-416L AN364-428	CUSHION ASSY, FRONT SEAT BACK..... CUSHION ASSY, FRONT SEAT BACK..... CUSHION ASSY, FRONT SEAT BACK..... • CUSHION..... • CUSHION..... • PAD, CUSHION..... • PAD, CUSHION..... • @ MUSLIN..... • @ GLUE.....	1 1 1 1 1 1 1 1 1 1 1 1 1 1	*VI *IV *IV *IV *IV *III *IV *IV *IV *IV *IV *IV *IV *IV
- 70	140084 140084-501 140159 140080 140159-2 140084-7 140159-7 NO NUMBER #120	CUSHION ASSY, FRONT SEAT BOTTOM..... CUSHION ASSY, FRONT SEAT BOTTOM.....	AR AR	
- 71	140083 140083-501	1 1	*VII *VIII	



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
47- 71	140083-503	CUSHION ASSY, FRONT SEAT BOTTOM.....	1	*IX
	140157	CUSHION ASSY, FRONT SEAT BOTTOM.....	1	*IV
	140083-5	• CUSHION.....	1	*III
	140157-3	• CUSHION.....	1	*IV
	NO NUMBER	• @ MUSLIN.....	AR	
	#120	• @ GLUE.....	AR	
- 72	130079-59	COVER, FR SEAT BOT /COLOR OPTIONS BELOW/	2	*I
	#07058	• SAPPHIRE, W/GOLD VINYL TRIM.....	2	*I
	#07057	• GOLD, W/HONEY GOLD TRIM.....	2	*I
	NO NUMBER	• SAND, W/SAGEBRUSH TRIM.....	2	*I
	#26	• BLUE, ALL VINYL.....	2	*I
	#51	• GOLD, ALL VINYL.....	2	*I
	#121	• SAGEBRUSH, ALL VINYL.....	2	*I
	130122-65	COVER ASSY, FR SEAT BACK, GRAY FABRIC..	2	*X
	130122-67	COVER ASSY, FR SEAT BACK, RED FABRIC..	2	*X
	130122-69	COVER ASSY, FR SEAT BACK, GREEN FABRIC..	2	*X
	130123-53	COVER ASSY, FR SEAT BACK, GRAY FABRIC..	2	*IX
	130123-55	COVER ASSY, FR SEAT BACK, RED FABRIC..	2	*IX
	130123-57	COVER ASSY, FR SEAT BACK, GREEN FABRIC..	2	*IX
	130189-3	COVER ASSY, FR SEAT BACK, NATURAL LEATHER	2	*IV
	130189-5	COVER ASSY, FR SEAT BACK, ANTIQUE LEATHER	2	*IV
	130189-19	COVER ASSY, FR SEAT BACK, BLK & WHT TWEED	2	*XI
	130189-21	COVER ASSY, FR SEAT BACK, BRONZE FABRIC..	2	*XI
	130188-3	COVER ASSY, FR SEAT BACK, SAND FABRIC..	2	*XII
	130188-5	COVER ASSY, FR SEAT BACK, ORANGE FABRIC..	2	*XII
	130190-7	COVER ASSY, FR SEAT BACK, BLK & WHT TWEED	2	F
	130190-9	COVER ASSY, FR SEAT BACK, BRONZE FABRIC..	2	F
	051380	@ MUSLIN.....	AR	
	#2	@ GROMMET & WASHER.....	AR	
	#120	@ GLUE.....	AR	
- 73	130079-61	COVER, FR SEAT BACK /COLOR OPTIONS BELOW/	2	*I
	#07058	• SAPPHIRE, W/GOLD VINYL TRIM.....	2	*I
	#07057	• GOLD, W/HONEY GOLD TRIM.....	2	*I
	NO NUMBER	• SAND, W/SAGEBRUSH TRIM.....	2	*I
	#26	• BLUE, ALL VINYL.....	2	*I
	#51	• GOLD, ALL VINYL.....	2	*I
	#121	• SAGEBRUSH, ALL VINYL.....	2	*I
	130122-59	COVER ASSY, FR SEAT BOTTOM, GRAY FABRIC..	2	*X
	130122-61	COVER ASSY, FR SEAT BOTTOM, RED FABRIC..	2	*X
	130122-63	COVER ASSY, FR SEAT BOTTOM, GREEN FABRIC..	2	*X
	130123-59	COVER ASSY, FR SEAT BOTTOM, GRAY FABRIC..	2	*IX
	130123-61	COVER ASSY, FR SEAT BOTTOM, RED FABRIC..	2	*IX
	130123-63	COVER ASSY, FR SEAT BOTTOM, GREEN FABRIC..	2	*IX
	130189-23	COVER ASSY, FR SEAT BOTTOM, BLK-WHT TWEED	2	*XI
	130189-25	COVER ASSY, FR SEAT BOTTOM, BRONZE FABRIC	2	*XI
	130189-7	COVER ASSY, FR SEAT BOT, NATURAL LEATHER..	2	*IV
	130189-9	COVER ASSY, FR SEAT BOT, ANTIQUE LEATHER..	2	*IV
	130188-7	COVER ASSY, FR SEAT BOTTOM, SAND FABRIC..	2	*XII
	130188-9	COVER ASSY, FR SEAT BOTTOM, ORANGE FABRIC	2	*XII
	130190-11	COVER ASSY, FR SEAT BOTTOM, BLK-WHT TWEED	2	F
	130190-13	COVER ASSY, FR SEAT BOTTOM, BRONZE FABRIC	2	F
	294660-1	@ CLIP, PLASTIC.....	30	CDE
	294660-1	@ CLIP, PLASTIC.....	40	F
	051380	@ MUSLIN.....	AR	
	#2	@ GROMMET & WASHER.....	AR	
	#120	@ GLUE.....	AR	
- 74	M7500	• BELT, SEAT, BIEGE.....	2	*I

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FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
47- 74	140158	• BELT, SEAT, COCOA.....	2	*XIII
	140158-501	• BELT, SEAT, BLACK.....	2	*XIII
		*I- 2807C-3184C, 252D-259D, 470E-831E		
		*II- 3185C-3466C, 260D & ON, 832E-1308E		
		*III- 2807C-3466C, 252D & ON, 470E-1308E		
		*IV- 670001C & ON, 670001E & ON, 670001F & ON		
		*V- 2807C-3006C, 252D-2580, 470E-663E 832E-1308E		
		*VI- 3007C-3466C, 259D & ON, 664E-831E		
		*VII- 2807C-3006C, 252D-258D, 470E-663E		
		*VIII- 3007C-3466C, 259D & ON, 664E-831E		
		*IX- 832E-1308E		
		*X- 3185C-3466C, 260D & ON		
		*XI- 670001E & ON		
		*XII- 670001C & ON		
		*XIII- 3185C & ON, 260D & ON, 832E & ON		

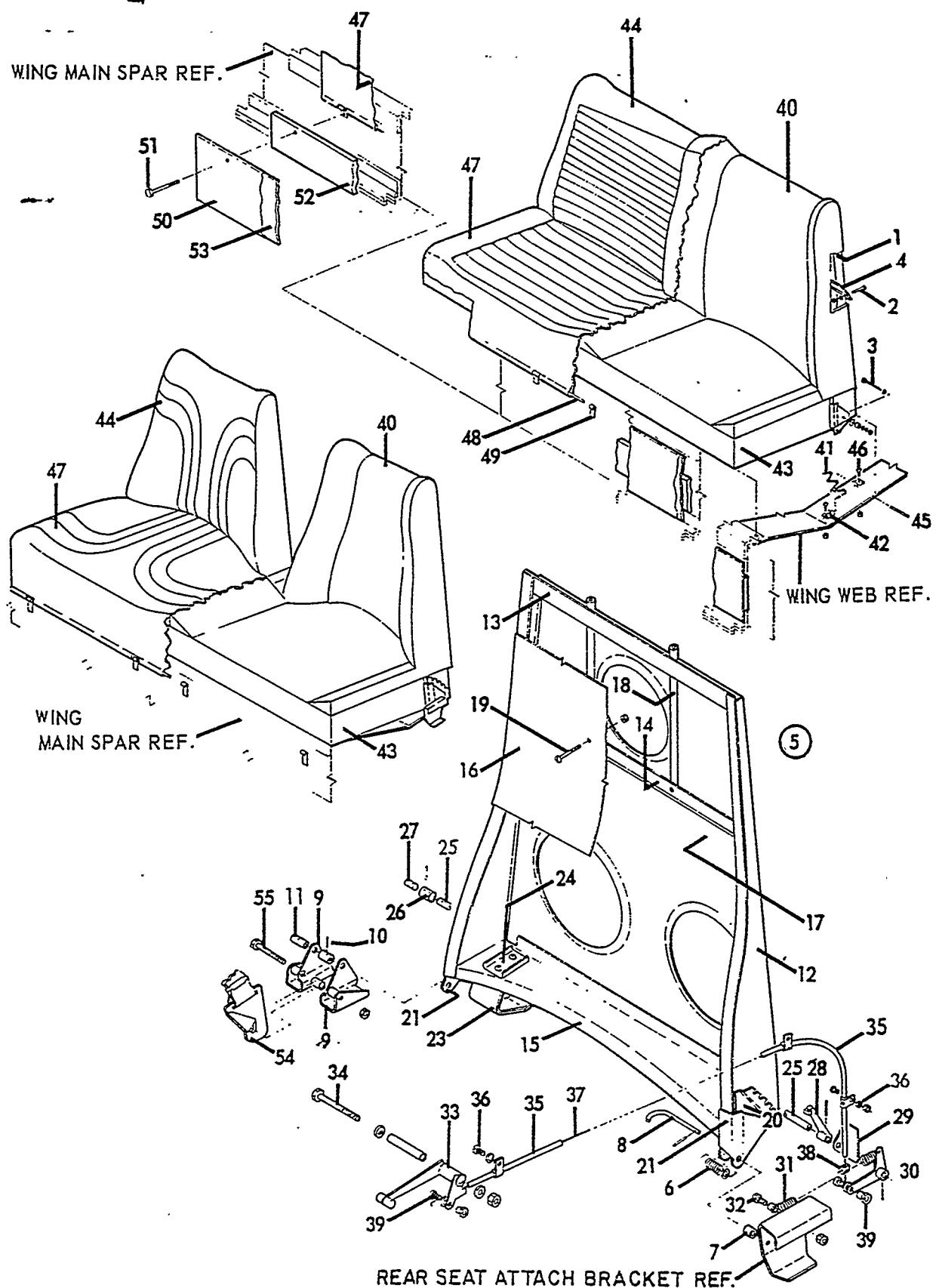


FIGURE 48. Rear Seat Assemblies



FIGURE & INDEX NOS	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
48- 1	140010-501	FRAME ASSY, REAR SEAT BACK.....	1	*I
	140010-503	FRAME ASSY, REAR SEAT BACK.....	1	*II
- 2	AN4-14A	@ BOLT.....	2	CDE
	AN960-416	@ WASHER.....	2	CDE
	AN365-428	@ NUT.....	2	CDE
- 3	AN3-10A	@ BOLT.....	2	CDE
	AN960-10	@ WASHER.....	2	CDE
	AN970-3	@ WASHER.....	2	CDE
	914024-6	@ BUSHING.....	2	CDE
	AN960-10L	@ WASHER.....	AR	CDE
	AN365-1032	@ NUT.....	2	CDE
- 4	140017-7	. BRACKET, SEAT ATTACH, LH.....	1	CDE
	140017-8	. BRACKET, SEAT ATTACH, RH.....	1	CDE
	AN3-5A	. @ BOLT.....	1	CDE
	AN960-10	. @ WASHER.....	1	CDE
	AN365-1032	. @ NUT.....	1	CDE
	AN3-4A	. @ BGLT.....	1	CDE
	22NAI-02	. @ NUT PLATE.....	1	CDE
	140015-9	. SUPPORT, Z-RAIL, TOP, NI.....	1	*I
	140015-503	. SUPPORT, Z-RAIL, TOP, NI.....	1	*II
	140015-7	. SUPPORT, Z-RAIL, CENTER, NI.....	1	*I
	140015-501	. SUPPORT, Z-RAIL, CENTER, NI.....	1	*II
	14C013	. FORMER, BOTTOM, NI.....	1	CDE
	140014-7	. FORMER, SIDE, LH, NI.....	1	CDE
	140014-9	. FORMER, CENTER, NI.....	1	CDE
	140014-8	. FORMER, SIDE, RH, NI.....	1	CDE
	14C011-7	. PANEL, FRONT, LH, NI.....	1	CDE
	14C011-8	. PANEL, FRONT, RH, NI.....	1	CDE
	140012	. PANEL, SEAT BACK, NI.....	1	*I
	140012-501	. PANEL, SEAT BACK, NI.....	1	*II
	140092	. TUBE, HEAD REST ATTACH, NI.....	4	CDE
	AN515-6-16	. @ SCREW.....	4	CDE
	914053-5	. @ SPACER.....	4	CDE
	AN363-632	. @ NUT.....	4	*III
	AN363-832	. @ NUT.....	4	*IV
- 5	140108-1	FRAME ASSY, REAR SEAT BACK, LH.....	1	F
- 6	140108-2	FRAME ASSY, REAR SEAT BACK, RH.....	1	F
- 7	562049-501	@ SPRING.....	1	F
- 8	914024-6	@ BUSHING.....	1	F
	140129	@ PIN, PIVOT.....	1	F
	RPA78-012-062-C375	@ PIN, ROLL.....	1	F
- 9	14C119	. BRACKET ASSY, SUPPORT.....	1	F
	DC-C4	. @ HUCKBOLT.....	6	F
	SLSP-T4-4	. @ HUCK COLLAR.....	6	F
- 10	140119-3	. . TUBE.....	1	F
- 11	140121	. . PIN.....	1	F
	RPA-52-015-078-505	. . @ PIN, ROLL.....	1	F
- 12	14C148-501	. FFORMER, SIDE, LH.....	2	F
	14C148-502	. FFORMER, SIDE, RH.....	2	F
- 13	140137-1	. SUPPORT, Z-RAIL, LH.....	1	F
	140137-2	. SUPPORT, Z-RAIL, RH.....	1	F
- 14	14C138-1	. SUPPORT, Z-RAIL, LH.....	1	F
	14C138-2	. SUPPORT, Z-RAIL, RH.....	1	F
- 15	140124-1	. FORMER, BOTTOM, LH.....	1	F
	140124-2	. FORMER, BOTTOM, RH.....	1	F



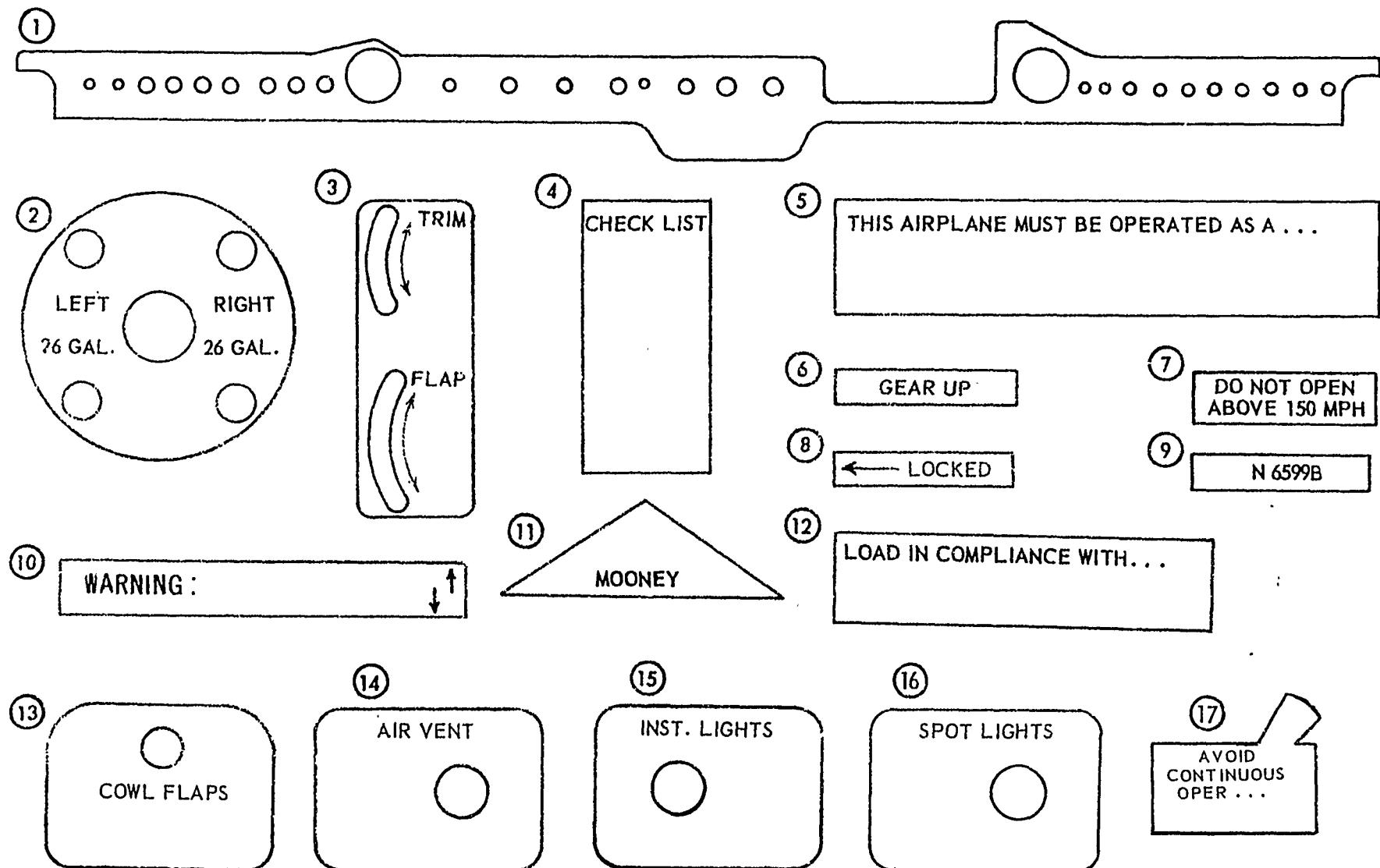
FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
48- 16	140139-1	. PANEL, FRONT, LH.....	1	F
	140139-2	. PANEL, FRONT, RH.....	1	F
- 17	140133-1	. PANEL, BACK, LH.....	1	F
	140133-2	. PANEL, BACK, RH.....	1	F
- 18	140092	. TUBE, HEAD REST ATTACH.....	2	F
- 19	AN515-6-16	. a SCREW.....	1	F
	914053-5	. a SPACER.....	1	F
	AN363-832	. a NUT.....	1	F
- 20	140149-1	. BRACKET ASSY, LATCH, LH.....	1	F
	140149-2	. BRACKET ASSY, LATCH, RH.....	1	F
	140147-1	. BRACKET, LATCH, LH.....	1	F
	140147-2	. BRACKET, LATCH, RH.....	1	F
- 21	140149-3	. TUBE, NI.....	1	F
	140146-1	. BRACKET ASSY, LH.....	1	F
	140146-2	. BRACKET ASSY, RH.....	1	F
	140146-3	. BRACKET, LH.....	1	F
	140146-4	. BRACKET, RH.....	1	F
	140146-5	. TUBE, NI.....	1	F
- 23	140135	. SPRING, LEAF.....	1	F
	140151	. SPRING, LEAF.....	1	F
- 24	140124-5	. SUPPORT.....	1	F
	AN515-8R8	. a SCREW.....	2	F
	AN960-8	. a WASHER.....	4	F
	AN363-832	. a NUT.....	2	F
- 25	140108-7	. SHAFT, CONTROL.....	1	F
	RPA52-028-125-			
	0625	. a PIN, ROLL.....	1	F
- 26	140142	. TUBE.....	1	F
- 27	140108-5	. SHAFT.....	1	F
	RPA-028-125-			
	0625	. a PIN, ROLL.....	1	F
- 28	140132-1	. ARM, LOCKING, LH.....	1	F
	140132-2	. ARM, LOCKING, RH.....	1	F
	RPA52-028-125-			
	0625	. a PIN, ROLL.....	1	F
- 29	14C128-1	. BRACKET, SHAFT CONTROL, LH.....	1	F
	14C128-2	. BRACKET, SHAFT CONTROL, RH.....	1	F
- 30	140141-1	. ARM ASSY, LH.....	1	F
	140141-2	. ARM ASSY, RH.....	1	F
	RPA52-028-125-			
	0625	. a PIN, ROLL.....	1	F
- 31	LE-055D-4	. SPRING.....	1	F
- 32	AN3-6A	. a BOLT.....	1	F
	914022-2	. a BUSHING.....	1	F
	AN365-1032	. a NUT.....	1	F
- 33	140152-1	. LEVER ASSY, RECLINE CONTROL, LH.....	1	F
	140152-2	. LEVER ASSY, RECLINE CONTROL, RH.....	1	F
- 34	AN3-16A	. a BOLT.....	1	F
	914020-20	. a BUSHING.....	1	F
	AN960-10L	. a WASHER.....	2	F
	AN365-1032	. a NUT.....	1	F
- 35	14C108-9	. HOUSING.....	1	F
- 36	MS21919-DG3	. a CLAMP.....	3	F
	AN526-10R7	. a SCREW.....	3	F
	AN960-10L	. a WASHER.....	3	F
- 37	140108-3	. WIRE.....	1	F
- 38	D222-C	. a STOP, WIRE.....	1	F



FIGURE & INDEX NOS	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
48- 39	0227-1C	a STOP, WIRE.....	2	F
- 40	140080	CUSHION ASSY, REAR SEAT BACK.....	1	CDE
	140143	CUSHION ASSY, REAR SEAT BACK.....	2	F
- 41	#10	SPRING, SEAT BOTTOM.....	2	
- 42	AN74203	a CLIP.....	4	
	AN515-8R7	a SCREW.....	4	
	AN365-832	a NUT.....	4	
- 43	140085-1	CUSHION ASSY, REAR SEAT BOTTOM.....	1	*III
	140157-3	CUSHION ASSY, REAR SEAT BOTTOM.....	1	*IV
- 44	13C079-63	COVER REAR SEAT BACK/COLOR OPTIONS BELOW/	1	*I
	07058	. SAPPHIRE, W/BLUE VINYL TRIM.....	1	*I
	07057	. GULD, W/HONEY GOLD TRIM.....	1	*I
NO NUMBER	#26	. SAND, W/SAGEBRUSH TRIM.....	1	*I
	#51	. BLUE, ALL VINYL.....	1	*I
	#121	. GULD, ALL VINYL.....	1	*I
	13C122-77	. SAGEBRUSH, ALL VINYL.....	1	*I
	13C122-79	COVER, REAR SEAT BACK, GRAY FABRIC.....	1	*V
	13C122-81	COVER, REAR SEAT BACK, RED FABRIC.....	1	*V
	13C123-71	COVER, REAR SEAT BACK, TURQUOIS FABRIC...	1	*V
	13C123-73	COVER, REAR SEAT BACK, GRAY FABRIC.....	1	*VI
	13C123-75	COVER, REAR SEAT BACK, RED FABRIC.....	1	*VI
	13C188-11	COVER, REAR SEAT BACK, GREEN FABRIC.....	1	*VI
	13C188-13	COVER, REAR SEAT BACK, ORANGE FABRIC....	1	*VII
	13C189-11	COVER, REAR SEAT BACK, SAND FABRIC....	1	*VII
	13C189-13	COVER, REAR SEAT BACK, NATURAL LEATHER...	1	*VIII
	13C189-27	COVER, REAR SEAT BACK, ANTIQUE LEATHER...	1	*VIII
	13C189-29	COVER, REAR SEAT BACK, BLACK-WHITE TWEED.	1	*IX
	13C190-15	COVER, REAR SEAT BACK, BRONZE FABRIC.....	1	*IX
	13C190-17	COVER, REAR SEAT BACK, BLACK-WHITE TWEED.	2	F
	13C190-3	COVER, REAR SEAT BACK, BRONZE FABRIC.....	2	F
	13C190-5	COVER, REAR SEAT BACK, NATURAL LEATHER...	2	F
	#2	COVER, REAR SEAT BACK, ANTIQUE LEATHER...	2	F
	#120	a WASHER & GROMMET.....	AR	
	#120	a GLUE.....	AR	
- 45	140019-17	ROD, AFT COVER ATTACH.....	2	
- 46	913046-13	a CLIP.....	4	
	AN530-4R4	a SCREW.....	4	
- 47	13C079-65	COVER REAR SEAT BOT/COLOR OPTIONS BELOW/	1	*I
	07058	. SAPPHIRE, W/BLUE VINYL TRIM.....	1	*I
	07057	. GULD, W/HONEY GOLD TRIM.....	1	*I
NO NUMBER	#26	. SAND, W/SAGEBRUSH TRIM.....	1	*I
	#51	. BLUE, ALL VINYL.....	1	*I
	#121	. GULD, ALL VINYL.....	1	*I
	13C122-71	. SAGEBRUSH, ALL VINYL.....	1	*I
	13C122-73	COVER, REAR SEAT BOTTOM, GRAY FABRIC.....	1	*V
	13C122-75	COVER, REAR SEAT BOTTOM, RED FABRIC.....	1	*V
	13C123-65	COVER, REAR SEAT BOTTOM, TURQUOIS FABRIC.	1	*V
	13C123-67	COVER, REAR SEAT BOTTOM, GRAY FABRIC.....	1	*VI
	13C123-69	COVER, REAR SEAT BOTTOM, RED FABRIC.....	1	*VI
	13C188-15	COVER, REAR SEAT BOTTOM, GREEN FABRIC....	1	*VI
	13C188-17	COVER, REAR SEAT BOTTOM, ORANGE FABRIC...	1	*VII
	13C189-15	COVER, REAR SEAT BOTTOM, SAND FABRIC....	1	*VII
	13C189-17	COVER, REAR SEAT BOTTOM, NATURAL LEATHER.	1	*IV
	13C189-31	COVER, REAR SEAT BOTTOM, ANTIQUE LEATHER.	1	*IV
	13C189-33	COVER, REAR SEAT BOTTOM, BLACK-WHITE TWEED	1	*VIII
	13C190-19	COVER, REAR SEAT BOTTOM, BRONZE FABRIC...	1	*VIII
		COVER, REAR SEAT BOTTOM, BLACK-WHITE TWEED	1	F



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
48- 47	130190-21	COVER, REAR SEAT BOTTOM, BRONZE FABRIC...	1	F
	294660-1	Ⓐ CLIP.....	30	CDE
	294660-1	Ⓐ CLIP.....	40	F
	#120	Ⓐ GLUE.....	AR	
- 48	140019-13	ROD, FWD COVER ATTACH.....	1	
- 49	210211	Ⓐ CLIP.....	4	
- 50	130121-13	COVER ASSY, SPAR, GRAY FABRIC.....	1	*V
	130121-15	COVER ASSY, SPAR, RED FABRIC.....	1	*V
	130121-17	COVER ASSY, SPAR, GREEN FABRIC.....	1	*V
	130121-25	COVER ASSY, SPAR, GRAY FABRIC.....	1	*VI
	130121-27	COVER ASSY, SPAR, RED FABRIC.....	1	*VI
	130121-29	COVER ASSY, SPAR, GREEN FABRIC.....	1	*VI
	130121-55	COVER ASSY, SPAR, WHITE LEATHER.....	1	*IV
	130121-57	COVER ASSY, SPAR, NATURAL LEATHER.....	1	*IV
	130121-59	COVER ASSY, SPAR, BLACK-WHITE TWEED.....	1	*IV
	130121-61	COVER ASSY, SPAR, BRONZE FABRIC.....	1	*IV
	130121-63	COVER ASSY, SPAR, ORANGE FABRIC.....	1	*VIII
	130121-65	COVER ASSY, SPAR, SAND FABRIC.....	1	*VIII
- 51	AN507-6R18	Ⓐ SCREW.....	4	
	#7615	Ⓐ WASHER.....	4	
- 52	130121-11	• PAD, CUSHION.....	1	
- 53	130121-9	• BOARD, BACKING.....	1	
	#120	• Ⓐ GLUE.....	AR	
- 54	M7500	BELT, SEAT, BIEGE.....	2	*III
	140158	BELT, SEAT, COCOA.....	2	*IV
	140158-501	BELT, SEAT, BLACK.....	2	*IV
- 55	AN3-12A	Ⓐ BOLT.....	1	CDE
	140019-7	Ⓐ BUSHING.....	1	CDE
	AN365-1032	Ⓐ NUT.....	1	CDE
	AN3-20A	Ⓐ BOLT.....	1	F
	140019-19	Ⓐ BUSHING.....	3	F
	AN365-1032	Ⓐ NUT.....	1	F
*I- 2807C-3184C, 2520-2590, 470E-831E				
*II- 3185C & ON, 2600 & ON, 832E & ON				
*III- 2807C-3466C, 2520 & ON, 470E-1308E				
*IV- 670001C & ON, 670001E & ON, 670001F & ON				
*V- 3185C-3466C, 2600 & ON				
*VI- 832E-1308E				
*VII- 670001C & ON				
*VIII- 670001C & ON, 670001E & ON				
*IX- 670001E & ON				



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FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
49- 1	150015-5	PLACARD, BASE PANEL.....	1	*I
	150015-503	PLACARD, BASE PANEL.....	1	*II
	150015-3	PLACARD, BASE PANEL.....	1	*III
	150015-501	PLACARD, BASE PANEL.....	1	*IV
	150015-505	PLACARD, BASE PANEL.....	1	F
- 2	150010-41	DECAL, SELECTOR VALVE.....	1	CDC
	150010-77	DECAL, SELECTOR VALVE.....	1	F
- 3	150016-3	PLACARD, TRIM & FLAPS.....	1	*V
	150016-505	PLACARD, TRIM & FLAPS.....	1	*VI
	150016-5	PLACARD, TRIM & FLAPS.....	1	*VII
	150016-503	PLACARD, TRIM & FLAPS.....	1	*VIII
- 4	150010-61	DECAL, CHECKLIST.....	1	*IX
	150010-63	DECAL, CHECK LIST.....	1	*III
	150010-67	DECAL, CHECK LIST.....	1	*X
	150010-69	DECAL, CHECK LIST.....	1	*XI
	150010-81	DECAL, CHECK LIST.....	1	*XII
	150010-83	DECAL, CHECK LIST.....	1	*XIII
- 5	150010-53	DECAL, NORMAL CATEGORY.....	1	CEF
	150010-17	DECAL, NORMAL CATEGORY.....	1	D
- 6	150010-37	DECAL, GEAR UP.....	1	CDF
- 7	150010-23	DECAL, STORM WINDOW.....	1	
- 8	150010-25	DECAL, CABIN DOOR.....	1	
- 9	150010-27	DECAL, REGISTRATION NO.....	1	
- 10	150010-49	DECAL, HAT RACK.....	1	
- 11	130057-501	DECAL, CONTROL WHEEL.....	1	*V
	130057-501	DECAL, CONTROL WHEEL.....	2	*VII
	130057-503	DECAL, CONTROL WHEEL.....	1	*VI
	130057-503	DECAL, CONTROL WHEEL.....	1	*VIII
- 12	150010-19	DECAL, BAGGAGE COMPARTMENT.....	1	
- 13	820065-3	DECAL, COWL FLAPS.....	1	*III
	820065-501	DECAL, COWL FLAPS.....	1	*XIV
	82004-23	DECAL, COWL FLAPS.....	1	*I
- 14	150019-1	PLACARD, AIR VENT.....	1	*XV
	150019-503	PLACARD, AIR VENT.....	1	*XIV
- 15	150019-501	PLACARD, INSTRUMENT LIGHTS.....	1	*XV
	150019-505	PLACARD, INSTRUMENT LIGHTS.....	1	*XIV
- 16	150019-507	PLACARD, SPOTLIGHT.....	1	*XIV
- 17	150010-65	DECAL, TACHOMETER.....	1	*XVI
*I- 2807C-3184C, 2520-2590				
*II- 3185C & ON, 2600 & ON				
*III- 470E-831E				
*IV- 832E & ON				
*V- 2807C-3184C, 470E-831E				
*VI- 3185C & ON, 832E & ON, 670001F & ON				
*VII- 252D-2590				
*VIII- 260D & ON				
*IX- 2807C-3184C, 2530-2590				
*X- 832E-1308E				
*XI- 3185C-3466C, 260D & ON				
*XII- 670001E & ON, 670001F & ON				
*XIII- 670001C & ON				
*XIV- 3185C & ON, 2400 & ON, 832E & ON, 670001F & ON				
*XV- 2807C-3184C, 2520-2590, 470E-831E				
*XVI- 723E-831E				

FIGURE 50A. Electrical System (1965 M20C)

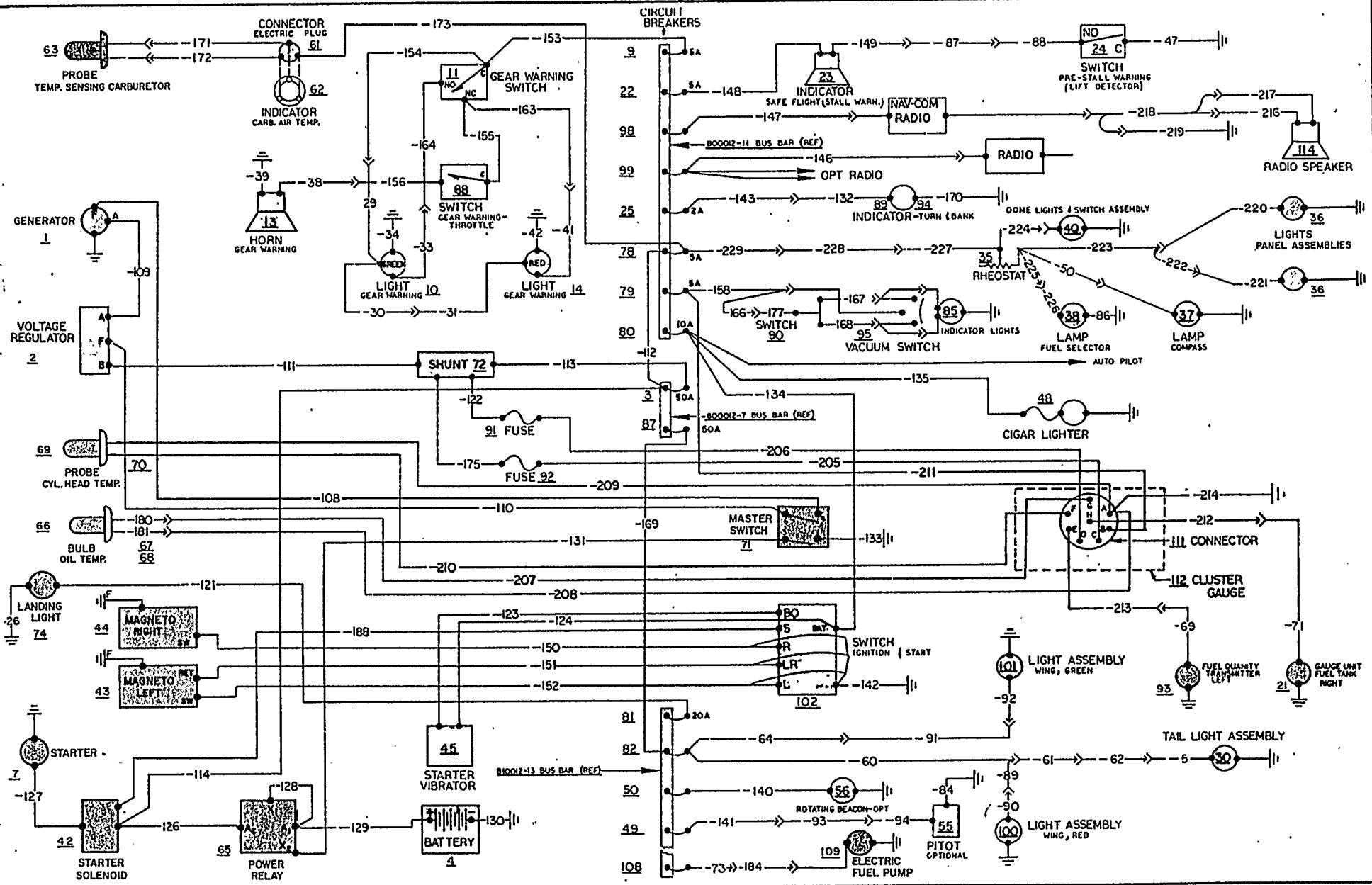


FIGURE 50B. Electrical System (1965 M-20D)

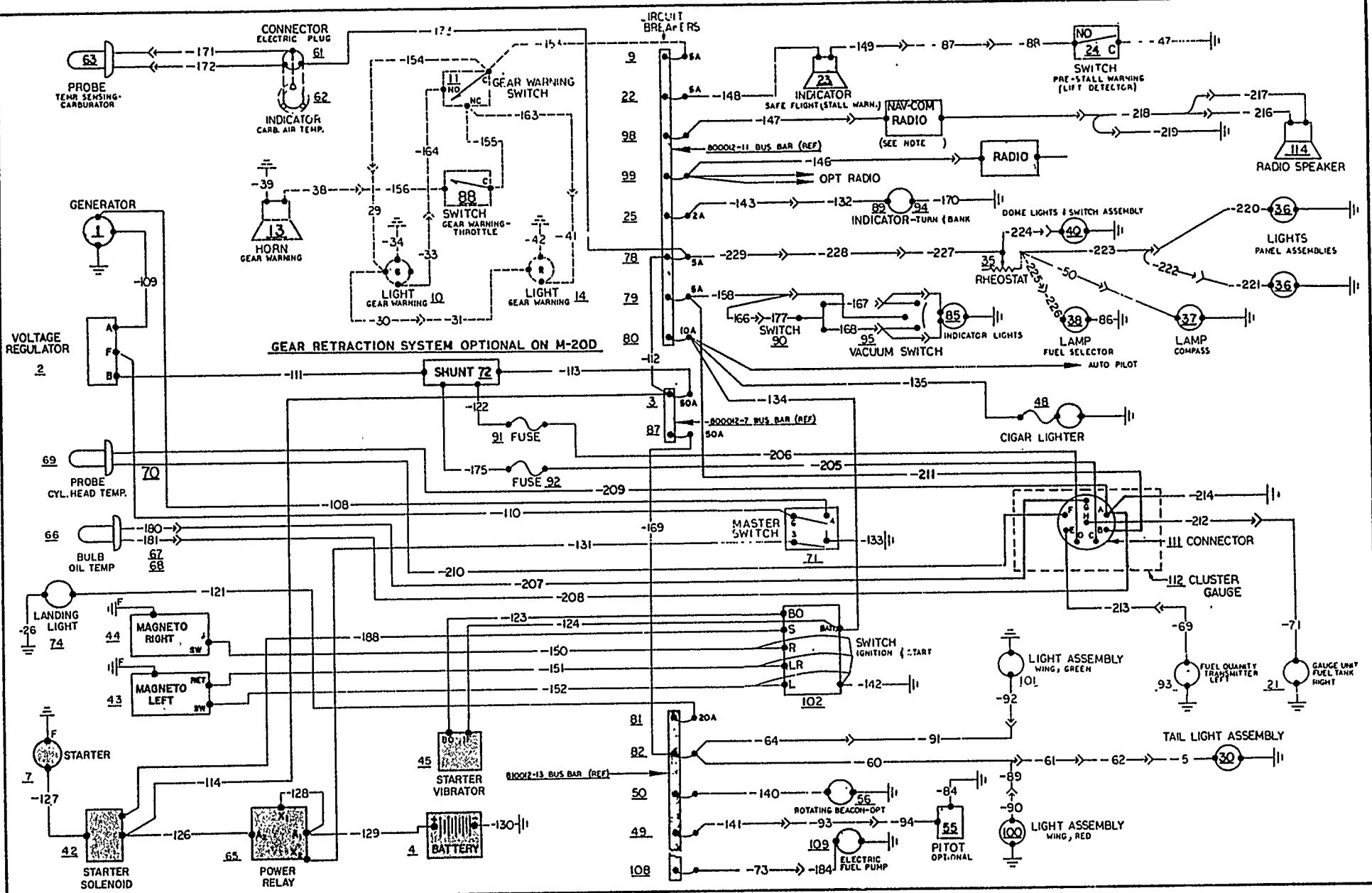


FIGURE 50C. Electrical System (1965 M20E)

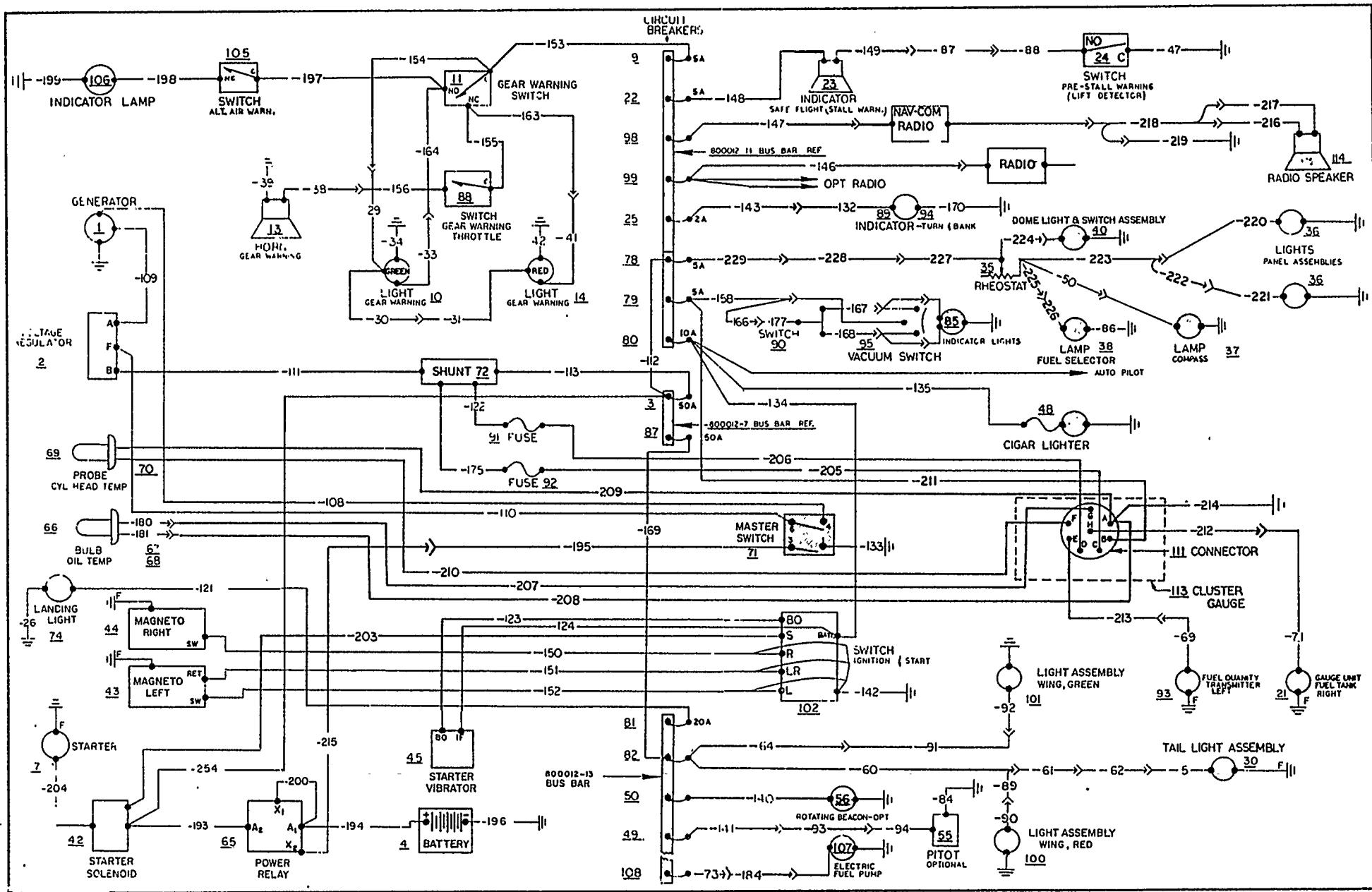


FIGURE 50D. Electrical System (1966 M20C)

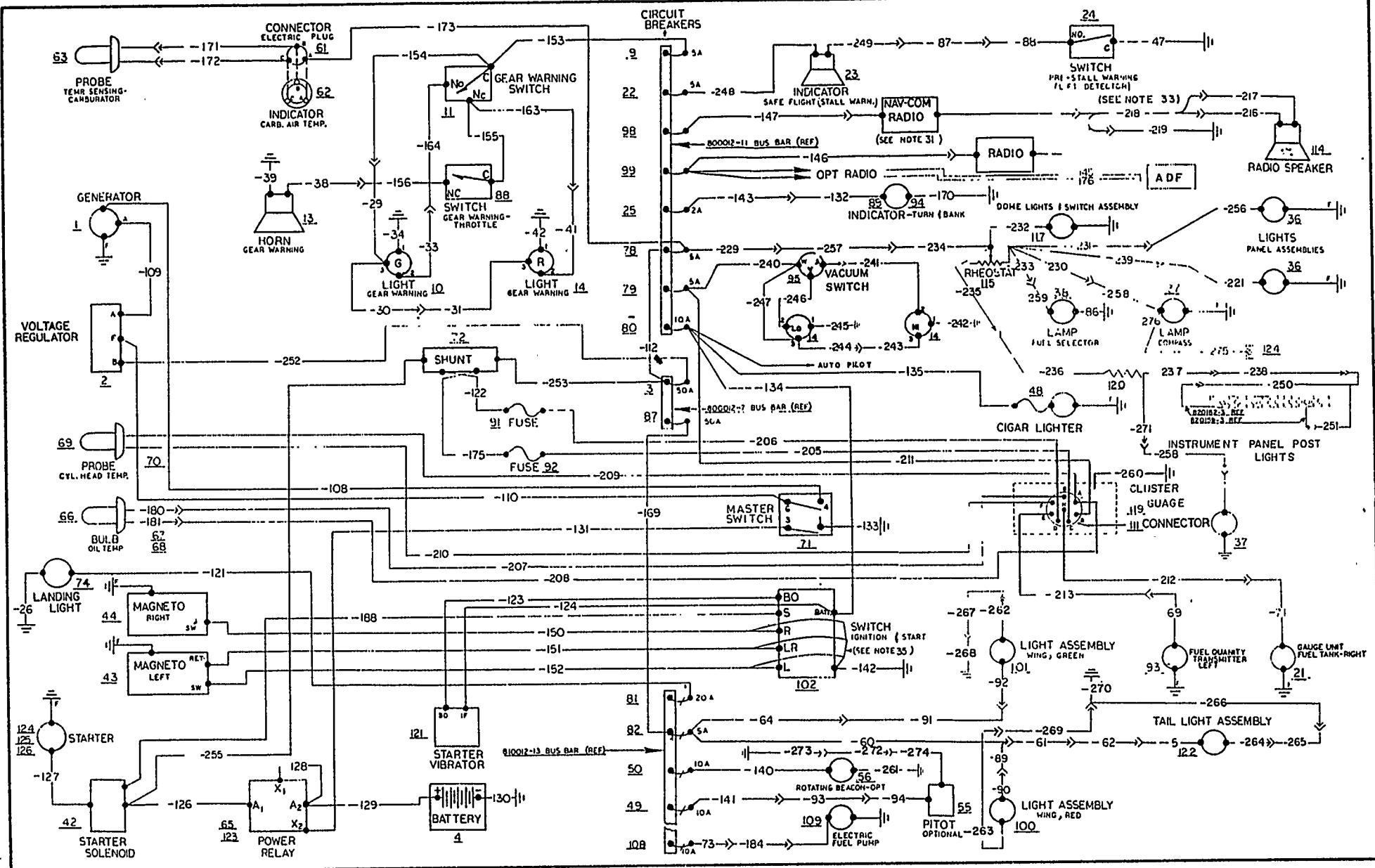


FIGURE 50E. Electrical System (1966 & ON M20D)

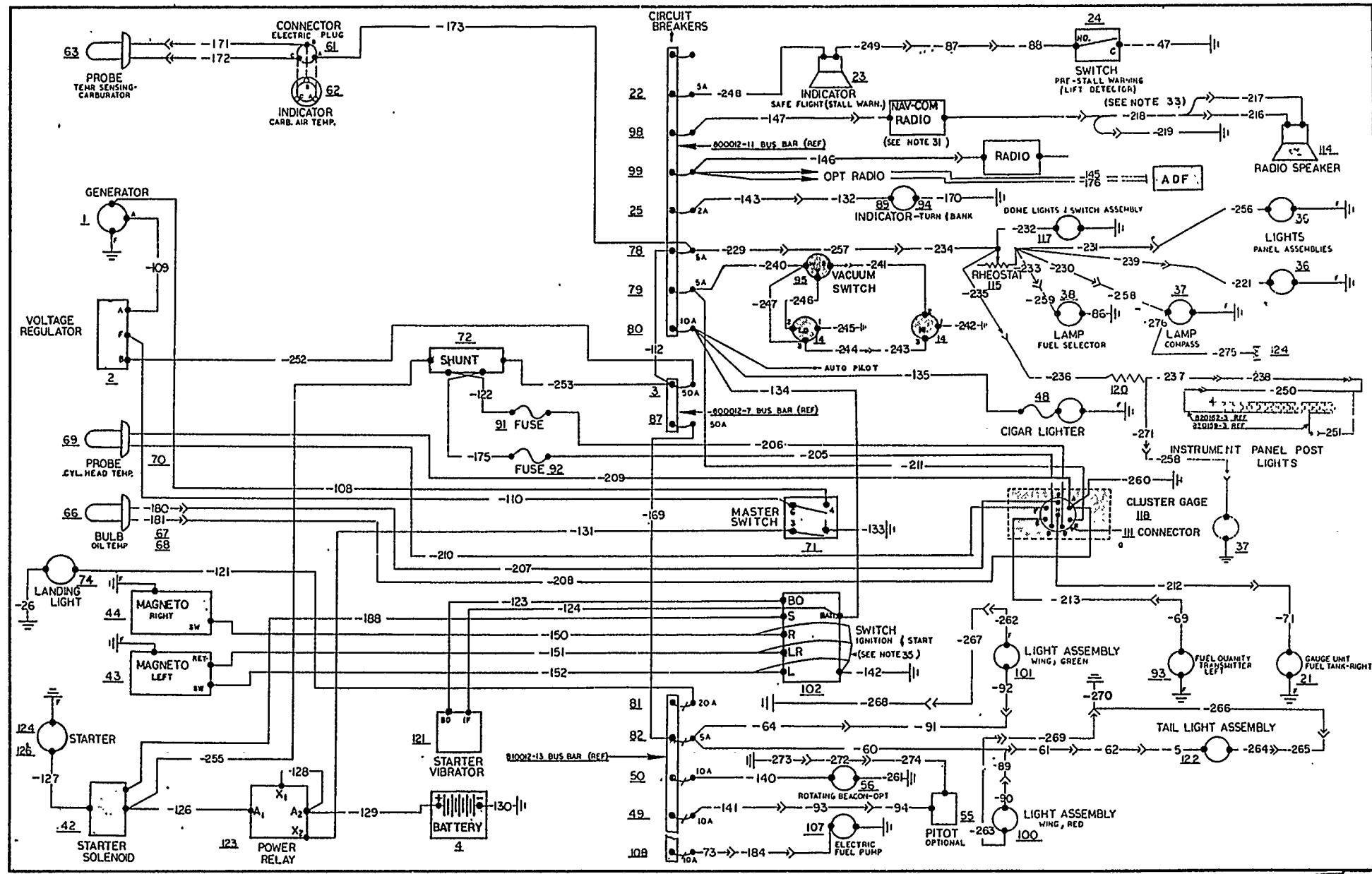


FIGURE 50F. Electrical System (1966 M20E)

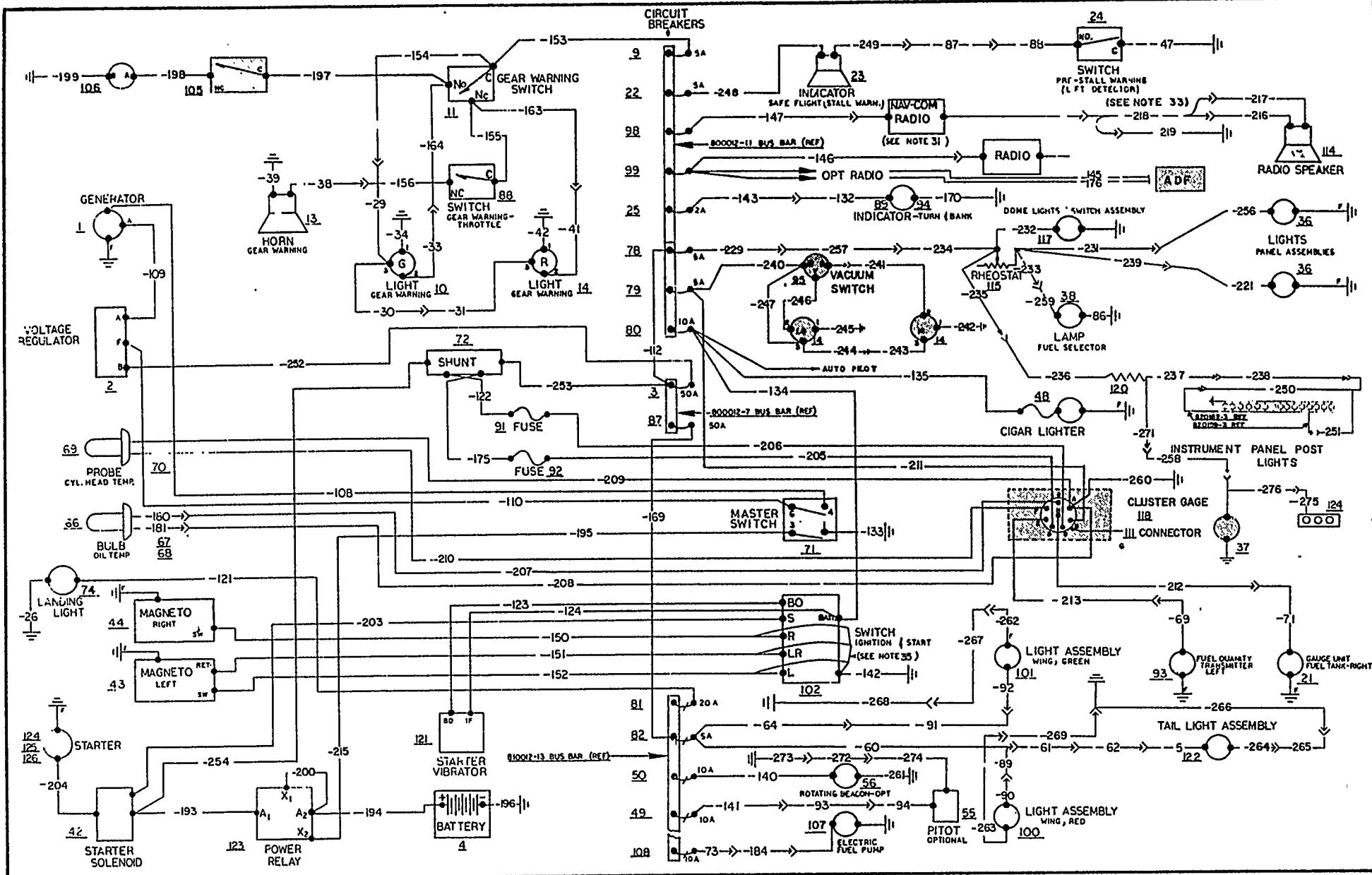


FIGURE 50G. Electrical System (1967 & ON M20C)

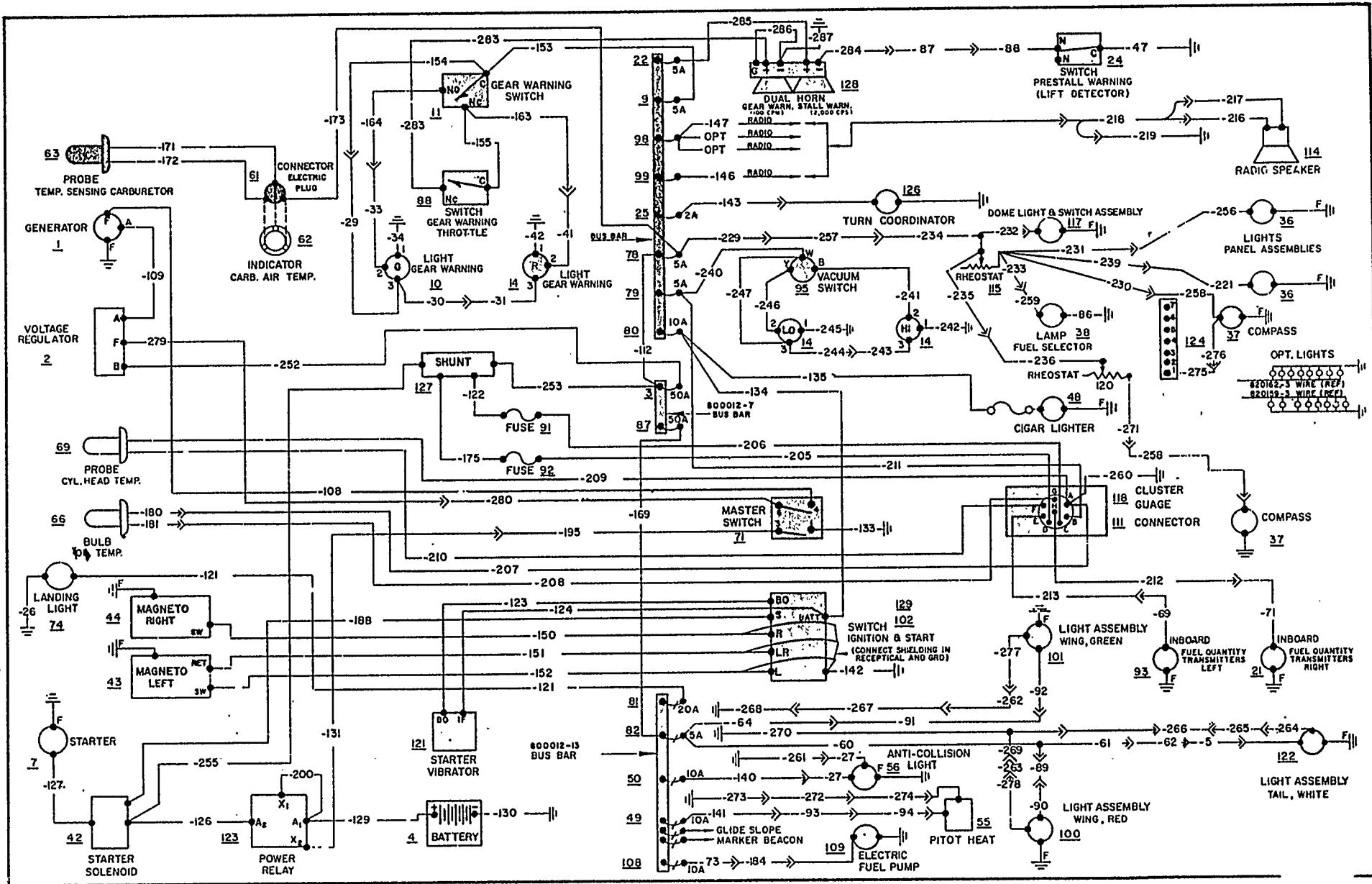
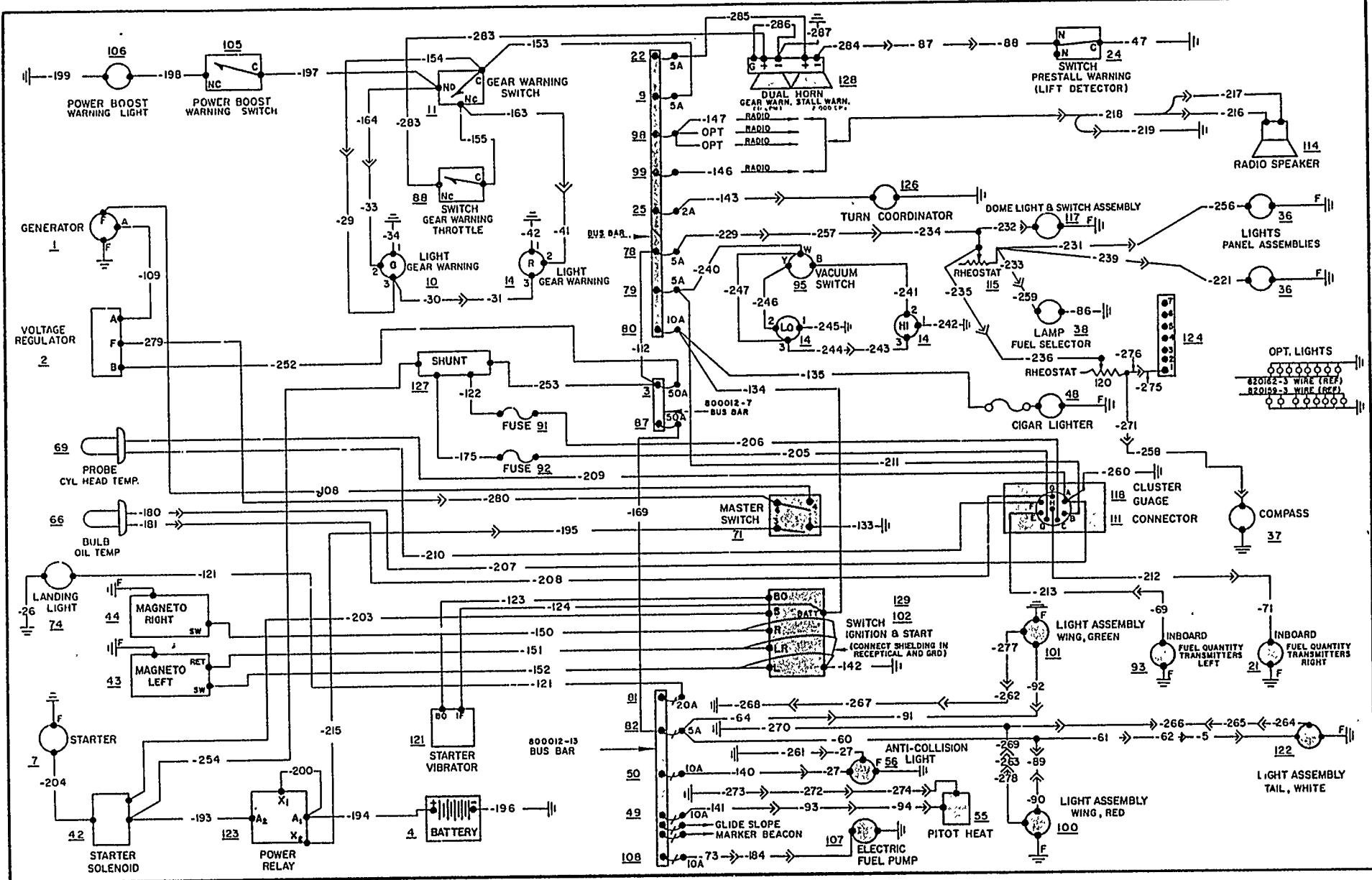


FIGURE 50H. Electrical System (1967 & ON M20E)



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PARTS CATALOG

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
50A-G-	1 1101915	GENERATOR.....	1	CDE
- 2	1119224	REGULATOR, VOLTAGE.....	1	CDE
- 3	109-205-101	CIRCUIT BREAKER, GENERATOR.....	1	CDE
- 4	R-35	BATTERY.....	1	CDE
- 7	1109519	STARTER.....	1	*I
- 9	PSM-5N	CIRCUIT BREAKER, GEAR WARNING.....	1	CDE
- 10	AM911-M-3A #330	LIGHT, GEAR WARNING /GREEN/..... . BULB, GEAR WARNING LIGHT.....	1	CDE
- 11	BZ-7-RWT80	SWITCH, GEAR WARNING.....	1	CDE
- 13	#319	HORN, GEAR WARNING.....	1	*II
- 14	VM911-M-2A #330	LIGHT, GEAR WARNING /RED/..... . BULB, GEAR WARNING LIGHT.....	1	CDE
- 21	5641991	GAGE UNIT, FUEL TANK, RH.....	1	CDE
- 22	PSM-5N	CIRCUIT BREAKER, STALL WARNING.....	1	CDE
- 23	164-R	INDICATOR, STALL WARNING.....	1	*III
- 24	C-46001	SWITCH, PRE-STALL WARNING.....	1	CDE
- 25	PSM-2N	CIRCUIT BREAKER, TURN & BANK.....	1	CDE
- 26	IVS27200-A1	INDICATOR, TURN & BANK.....	1	*III
- 30	A2064-12 #93	LIGHT ASSY, TAIL..... . BULB, TAIL LIGHT.....	1	*I
- 35	#25-25	RHEOSTAT, PANEL LIGHTS.....	1	*I
- 36	A1425-R	LIGHT ASSY, INSTRUMENT PANEL.....	1	CDE
- 37	#330	BULB, COMPASS.....	1	CDE
- 38	8381310-117 #1813	LAMP ASSY, FUEL SELECTOR..... . BULB, FUEL SELECTOR LIGHT.....	1	CDE
- 40	B3555-A-93	LIGHT & SWITCH ASSY, DOME.....	1	*I
- 42	#001464	SOLENOID, STARTER.....	1	CDE
- 43	S4LN200	MAGNETO, LH.....	1	CDE
- 44	S4LN204	MAGNETO, RH.....	1	CDE
- 45	10-87998-1	VIBRATOR, STARTING.....	1	*I
- 48	#4-2272	LIGHTER, CIGAR.....	1	CDE
- 49	D7270-5-10	CIRCUIT BREAKER, HEATED PITOT.....	1	CDE
- 50	D-7270-5-10	CIRCUIT BREAKER, ROTATING BEACON.....	1	CDE
- 55	P.H.502-12	PITOT /OPTIONAL EQUIP/.....	1	CDE
- 56	G-8400-8-12	ROTATING BEACON.....	1	*III
- 61	D-7080-1-12	ROTATING BEACON.....	1	*III
- 62	AN3106-14S-1S	CONNECTOR, ELECTRIC PLUG.....	1	*IV
- 63	C-12	INDICATOR, CARBURETOR AIR TEMP.....	1	*IV
- 65	B-5	PROBE, TEMPERATURE SENSING.....	1	*IV
- 66	800128	POWER RELAY.....	1	*V
- 67	AN5525-1	BULB, OIL TEMP.....	1	CDE
- 68	AN3106A-125-3S	CONNECTOR, PLUG.....	1	*III
- 69	AN3057-4	CLAMP, CABLE.....	1	*III
- 70	AN5546-1	PROBE, CYLINDER HEAD TEMP.....	1	CDE
- 71	AN4076-1	ADAPTER.....	1	*III
- 72	AN3027-2	SWITCH, MASTER.....	1	CDE
- 74	#105918	SHUNT.....	1	*III
- 78	#4522	LIGHT, WARNING.....	1	CDE
- 79	PSM-5N	CIRCUIT BREAKER, INSTR & DOME.....	1	CDE
- 80	PSM-5N	CIRCUIT BREAKER, INSTRUMENTS.....	1	CDE
- 81	PSM-10N	CIRCUIT BREAKER, IGNITION.....	1	CDE
- 82	D7270-5-20	CIRCUIT BREAKER, LANDING LIGHTS.....	1	CDE
- 82	D7270-5-5	CIRCUIT BREAKER, NAVIGATION LIGHTS.....	1	CDE
- 85	23-602 #330	INDICATOR LIGHTS, HIGH & LOW VAC..... . BULB, INDICATOR LIGHTS.....	1	*I
- 87	109-250-101	CIRCUIT BREAKER, BUS BAR.....	1	*I
- 88	AN3224-1	SWITCH, LANDING GEAR.....	1	CDE
				*VI

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PARTS CATALOG

FIGURE & INDEX NOS	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
50A-G- 89	23-323-01	INDICATOR, TURN & BANK.....	1	*III
- 90	974-TF	SWITCH, PRESSURE-TO-TEST VACUUM.....	1	*I
- 91	10AMP31101G			
	8155020-A	FUSE & FUSE RETAINER.....	1	CDE
- 93	5642354	TRANSMITTER, FUEL QUANTITY, LH.....	1	CDE
- 94	MS3108R-10			
	-SL-3S	CONNECTOR, ELECTRIC PLUG.....	1	*III
- 95	22-1280-04	SWITCH, HIGH & LOW VACUUM.....	1	*III
- 98	NO NUMBER	CIRCUIT BREAKER.....	1	CDE
- 99	NO NUMBER	CIRCUIT BREAKER.....	1	CDE
-100	A1285R-12	LIGHT ASSY, WING /RED/.....	1	*III
	#1512	. BULB, WING LIGHT.....	1	*III
-101	A1285-G-12	LIGHT ASSY, WING /GREEN/.....	1	CDE
	#1312	. BULB, WING LIGHT.....	1	CDE
-102	10-126680-2	SWITCH, IGNITION & START.....	1	CDE
-105	AN324-1	SWITCH, ALT AIR WARNING.....	1	E
-106	39-14-37-3	LAMP, INDICATOR.....	1	E
	#7538-XP12	LAMP.....	1	E
	#7538-XP51	LAMP.....	1	E
-107	#4140-00-19	FUEL PUMP, ELECTRIC.....	1	*VII
-108	D7270-Z-10	CIRCUIT BREAKER, FUEL PUMP.....	1	CDE
	D7270-5-10	CIRCUIT BREAKER, FUEL PUMP.....	1	CDE
-109	4140-00-21	FUEL PUMP, ELECTRIC.....	1	*VIII
-111	AN31068-18-			
	8S-AN3057-10	CONNECTOR, CLUSTER GAGE.....	1	CDE
-113	22-166-09	CLUSTER GAGE.....	1	*I
-114	SP1	SPEAKER.....	1	CDE
-115	919006-1	RHEOSTAT, PANEL LIGHTS.....	1	*IX
-117	B-3555-89	LIGHT & SWITCH ASSY, DOME.....	1	*X
-118	660100			
	22-169-07	CLUSTER GAGE.....	1	*XI
-119	660099			
	22-169-08	CLUSTER GAGE.....	1	*XII
-120	919006-501	RHEOSTAT, POST LIGHTS.....	1	*IX
-121	31-324	VIBRATOR, STARTER.....	1	*X
-122	A-2064-1777	LIGHT ASSY, TAIL.....	1	*X
-123	6041H231	POWER RELAY.....	1	*X
-124	599-2002-6	TERMINAL STRIP.....	1	*X
-125	TC100-12	TURN COORDINATOR.....	1	*X
-126	2900TC110-12	TURN COORDINATOR.....	1	*X
-127	22-370-60	SHUNT.....	1	*XIII
-128	#283	HORN, SHAL WARNING.....	1	*XIII
-129	10-357210-1	SWITCH, IGNITION.....	1	*XIII
<p>*I- 2807C-3184C, 2520 2591, 470E 831E *II- 2807C-3466C, 2520-2590, 470E-1308E *III- 2807C-3466C, 2520 S DN, 470E-1308E *IV- 3807C & ON, 2520 & ON *VIII- 2807C & ON, 2520 & ON, 670001F & ON *V- 2807C-3466C, 2520-2590, 470E-831E *VI- 2807C & ON, 2520-2590, 470E & ON *VII- 470E-1308E *IX- 3185C-3466C, 2600 & ON, 832E-1308E *X- 3185C & ON, 2600 S ON, 832E S ON *XI- 670001C & ON, 2600 S ON, 670001E & ON *XII- 3185C-3466C, 2600 & ON *XIII- 670001C & ON, 670001E & ON</p>				

FIGURE 51. Electrical System (1967 & ON M20F)

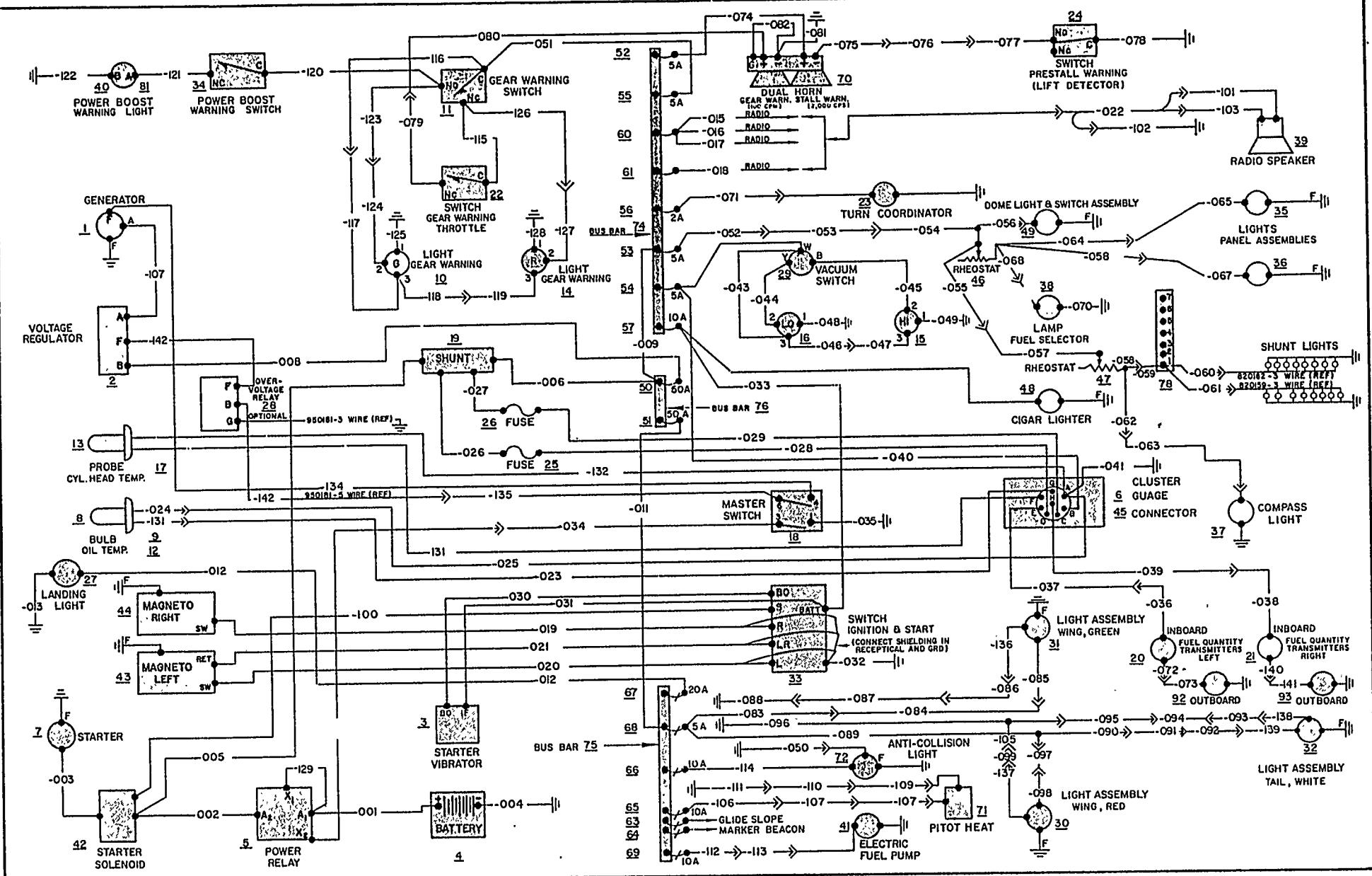




FIGURE & INDEX NOS	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
51- 1	1101915	GENERATOR.....	1	F
- 2	1119224C	REGULATOR, VOLTAGE.....	1	F
- 3	31-324	STARTER, VIBRATOR.....	1	F
- 4	R-35	BATTERY.....	1	F
- 5	6041H231	RELAY, POWER.....	1	F
- 6	660114	GAGE, CLUSTER.....	1	F
- 7	MZ4206	STARTER.....	1	F
- 8	AN5525-1	PROBE, OIL TEMP.....	1	F
- 9	MS3106A-125-35	PLUG, OIL TEMP PROBE.....	1	F
- 10	VM911M-3A	LIGHT, GEAR DOWN WARNING.....	1	F
- 11	BZ-7RMT80	SWITCH, GEAR WARNING.....	1	F
- 12	MS-3057-4B	CLAMP, CABLE.....	1	F
- 13	AN55-46-1	PROBE, CYLINDER HEAD TEMP.....	1	F
- 14	VM911M-2A	LIGHT, GEAR UP WARNING.....	1	F
- 15	VM911M-2A	LIGHT, HIGH VACUUM WARNING.....	1	F
- 16	VM911M-2A	LIGHT, LOW VACUUM WARNING.....	1	F
- 17	AN4076-1	ADAPTER, CYLINDER HEAD TEMP.....	1	F
- 18	512TS1-2	SWITCH, MASTER.....	1	F
- 19	22-370-60	SHUNT.....	1	F
- 20	5642354	TRANSMITTER, FUEL QUANTITY, LH, IB.....	1	F
- 21	5641991	TRANSMITTER, FUEL QUANTITY, RH, IB.....	1	F
- 22	V3-1	SWITCH, GEAR WARNING.....	1	F
	JV-5	SWITCH / THROTTLE WITH ACTUATOR/.....	1	F
- 23	820166	TURN COORDINATOR.....	1	F
- 24	800218	SWITCH, PRESTALL WARNING.....	1	F
- 25	311010	FUSE & FUSE RETAINER.....	1	F _t
	155020	FUSE & FUSE RETAINER.....	1	F
- 26	311010	FUSE & FUSE RETAINER.....	1	F
	155020	FUSE & FUSE RETAINER.....	1	F
- 27	#4522	LIGHT, LANDING.....	1	F
- 28	800165	RELAY, OVER VOLTAGE.....	1	F
- 29	22-1280-04	SWITCH, HIGH & LOW VACUUM WARNING.....	1	F
- 30	800223	LIGHT, POSITION /RED/.....	1	F
- 31	800223-501	LIGHT, POSITION /GREEN/.....	1	F
- 32	800224	LIGHT, POSITION /TAIL/.....	1	F
- 33	10-357210-1	SWITCH, IGNITION AND STARTER.....	1	F
- 34	J3-1	SWITCH, WARNING.....	1	F
	JV-5	SWITCH, ALTERNATE AIR CONTROL.....	1	F
- 35	919012	LIGHT, PANEL, LH.....	1	F
	201	LIGHT, FUEL SELECTOR.....	1	F
- 36	919012	LIGHT, PANEL, RH.....	1	F
- 37	C-2350-D1-4VF	COMPASS.....	1	F
- 38	203-1310-01117-	SPEAKER.....	1	F
- 39	SP-1	LIGHT, ALT AIR CONTROL WARNING.....	1	F
- 40	39-14-373	PUMP, ELECTRIC FUEL.....	1	F
- 41	4140-00-19A	SOLENOID, STARTER.....	1	F
- 42	001466	MAGNETO, LH.....	1	F
- 43	S41N200	MAGNETO, RH.....	1	F
- 44	S41N204	PLUG, CLUSTER GAGE.....	1	F
- 45	MS3106A-18-85	RHEOSTAT, PANEL LIGHTS.....	1	F
- 46	919006-1	RHEOSTAT, POST LIGHTS.....	1	F
- 47	919006-501	LIGHTER, CIGAR.....	1	F
- 48	4-2-72	LIGHT, DOME.....	1	F
- 49	83555A-89	CIRCUIT BREAKER, GENERATOR.....	1	F
- 50	109-250-101	CIRCUIT BREAKER, BUS BAR.....	1	F
- 51	109-250-101	CIRCUIT BREAKER, PRESTALL.....	1	F
- 52	919000-9			

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FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
51- 53	919000-9	CIRCUIT BREAKER, INST & DOME LIGHT.....	1	F
- 54	919000-9	CIRCUIT BREAKER, CLUSTER GAGE.....	1	F
- 55	919000-9	CIRCUIT BREAKER, GEAR WARNING.....	1	F
- 56	919000-5	CIRCUIT BREAKER, TURN COORDINATOR.....	1	F
- 57	919000-13	CIRCUIT BREAKER, IGNITION & START.....	1	F
- 60	919000-	CIRCUIT BREAKER, RADIO.....	1	F
- 61	919000-	CIRCUIT BREAKER, RADIO.....	1	F
- 62	919000-9	CIRCUIT BREAKER, GEAR CONTROL.....	1	F
- 63	D-7270-5	CIRCUIT BREAKER, GLIDE SCOPE SWITCH.....	1	F
- 64	D-7270-5	CIRCUIT BREAKER, MARK BEACON SWITCH.....	1	F
- 65	D7270-5-10	CIRCUIT BREAKER, HEAT PITOT SWITCH.....	1	F
- 66	D7270-5-10	CIRCUIT BREAKER, A-C LIGHT SWITCH.....	1	F
- 67	D7270-5-20	CIRCUIT BREAKER, LANDING SWITCH.....	1	F
- 68	D7270-5-5	CIRCUIT BREAKER, POSITION SWITCH.....	1	F
- 69	D7270-5-10	CIRCUIT BREAKER, FUEL PUMP SWITCH.....	1	F
- 70	800185	HORN, DUAL WARNING.....	1	F
- 71	R.H.502-12-			
	AN5812	PITOT, HEATED.....	1	F
- 72	D7080-1-12	LIGHT, ANTI-COLLISION.....	1	F
- 74	800012-11	BUS BAR, MAIN.....	1	F
- 75	800012-13	BUS BAR, AUXILLARY.....	1	F
- 76	800012-7	BUS BAR, POWER.....	1	F
- 78	919008	TERMINAL STRIP, SHUNT LIGHTS.....	1	F
- 81	7538-XP12	CONNECTOR, ALTERNATE AIR.....	1	F
- 92	810160	TRANSMITTER, FUEL, LH, OB.....	1	F
- 93	810161	TRANSMITTER, FUEL, RH, OB.....	1	F

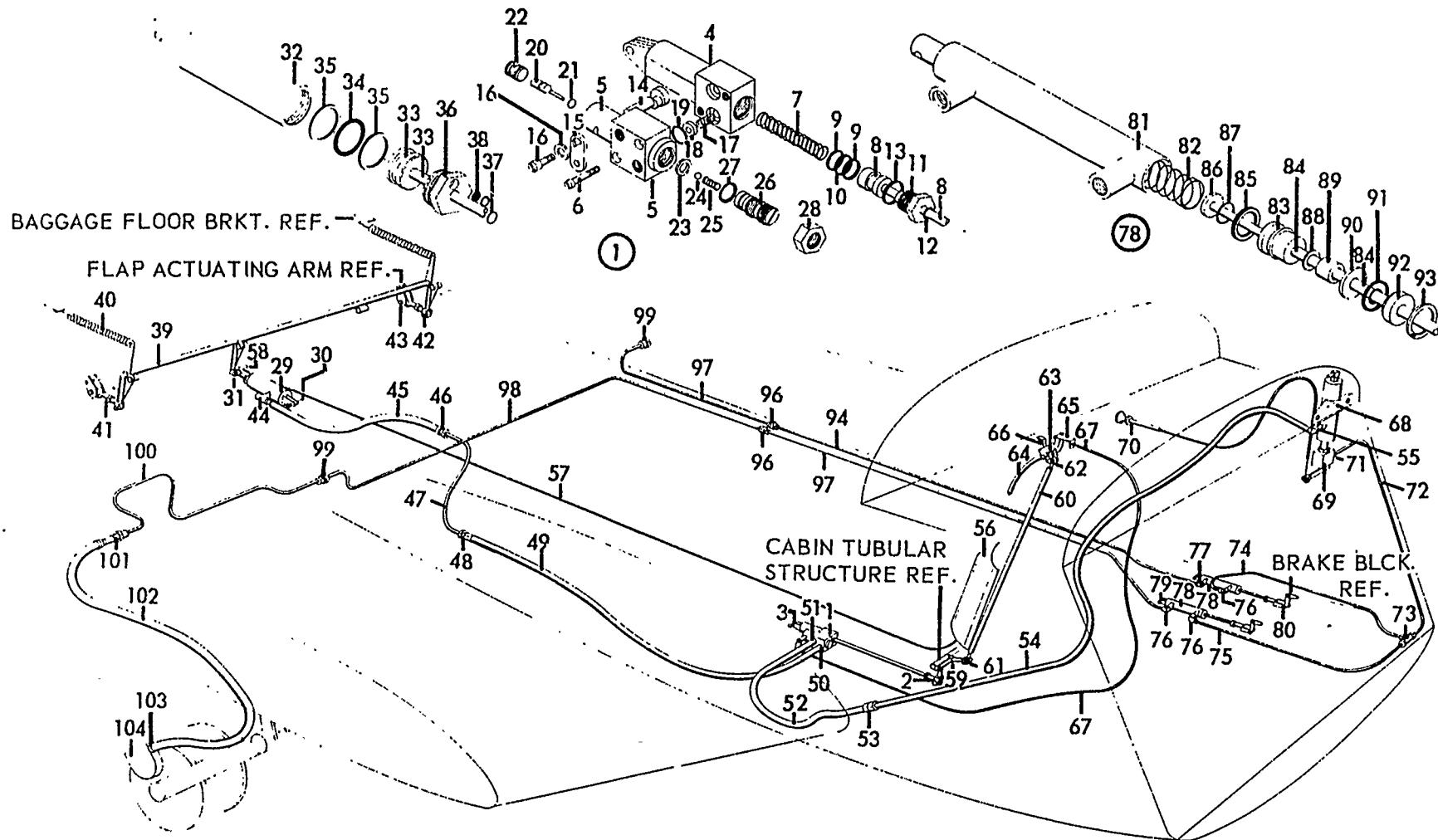




FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
12- 1	HE-626-1 750081	PUMP & VALVE ASSY..... PUMP & VALVE ASSY.....	1	CDE
- 2	F35-14 AN393-19 AN960-10L AN381-2-8	@ BEARING, ROD END..... @ PIN..... @ WASHER..... @ PIN, COTTER.....	1 1 1 1	F
- 3	914020-3 AN960-10L AN960-416 AN3-12A AN960-10 AN365-1032	@ BUSHING..... @ WASHER..... @ WASHER..... @ BOLT..... @ WASHER..... @ NUT.....	1 2 4 1 1 1	
- 4	HE-1506	@ CYLINDER.....	1	
- 5	HE-1507	@ MANIFOLD.....	1	
- 6	5/16	@ SCREW, CAP.....	2	
- 7	HE-1514	@ SPRING.....	1	
- 8	HE-1508 HE-1508-5	@ PISTON ASSY..... @ PISTON ASSY.....	1 1	CDE
- 9	AN6246-9	@ RING, BACKUP.....	2	F
- 10	AN6227-9	@ O-RING.....	1	F
- 11	HE-1509	@ CAP, END.....	1	
- 12	AN6227-6	@ O-RING.....	1	
- 13	AN6290-8	@ O-RING.....	1	
- 14	HE-1513	@ CAM.....	1	
- 15	HE-1512	@ ARM.....	1	
- 16	ANF00-10-8 AN960-10	@ SCREW..... @ WASHER.....	1 1	
- 17	HE-1516 HE-1516 1/4	@ SPRING, UPPER, NI..... @ SPRING, UPPER, NI..... @ BALL, STEEL, NI.....	1 1 2	
- 18	HE-1517	@ SEAL.....	2	
- 19	AN6227-8	@ O-RING.....	2	
- 20	HE-1511	@ PLUNGER.....	1	
- 21	AN6227-1	@ O-RING.....	1	
- 22	1/8 IN	@ PLUG, PIPE.....	1	
- 23	HE-1677	@ WASHER.....	1	
- 24	3/16 IN	@ BALL, STEEL.....	1	
- 25	HE-1518	@ SPRING.....	1	
- 26	HE-1510	@ RESTRICTOR.....	1	
- 27	AN6290-5	@ O-RING.....	1	
- 28	AN31608R	@ NUT.....	1	
- 29	HE-625	CYLINDER, FLAP ACTUATING.....	1	
- 30	AN3-21A AN960-10L AN960-416L AN960-416 914020-2 AN365-1032 914022-5 AN742-4	@ BOLT..... @ WASHER..... @ WASHER..... @ WASHER..... @ BUSHING..... @ NUT..... @ BUSHING, INDICATOR CABLE ATTACH..... @ CLAMP, INDICATOR CABLE ATTACH.....	1 3 1 4 1 1 1 1	
- 31	F35-14 AN316-5R AN3-10 AN960-10 AN310-3 AN960-10L AN380-2-2	@ BEARING, ROD END..... @ NUT, CHECK..... @ BOLT..... @ WASHER..... @ NUT..... @ WASHER..... @ PIN, COTTER.....	1 1 1 1 1 2 1	



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
52- 32	HE-1493	CYLINDER.....	1	
- 33	HE-1495	PISTON ASSY.....	1	
- 34	AN622-16	O-RING.....	1	
- 35	A16246-16	RING.....	2	
- 36	HE-1494	CAP, END.....	1	
- 37	A16246-6	O-RING.....	1	
- 38	3/8X200	MESH, WIRE.....	1	
	NAS50-37	@ RING, SNAP.....	1	
- 39	750008	JACK SHAFT ASSY, FLAP.....	1	CDE
	750008-501	JACK SHAFT ASSY, FLAP.....	1	F
	AN3-12A	@ BOLT.....	3	
	AN960-10	@ WASHER.....	9	
	AN365-1032	@ NUT.....	3	
	914020-2	@ BUSHING.....	3	
	AN3-34A	@ BOLT.....	1	
	AN960-10	@ WASHER.....	4	
	AN365-1032	@ NUT.....	1	
	914030-2	@ BUSHING.....	1	
	AN960-10	@ WASHER.....	AR	
- 40	750019-7	SPRING, FLAP RETRACTING.....	2	
- 41	F34-14	BEARING, ROD END.....	2	
	M34-14	BEARING, ROD END.....	2	
	AN316-4R	NUT.....	2	
	915002-1	BEARING, ROD END.....	AR	
	915002-2	BEARING, ROD END.....	AR	
- 42	AN3-7A	@ BOLT.....	1	
	AN960-10	@ WASHER.....	1	
	AN365-1032	@ NUT.....	1	
- 43	AN3-10A	@ BOLT.....	1	
	AN960-10L	@ WASHER.....	1	
	AN365-1032	@ NUT.....	1	
- 44	AN825-4D	FITTING, TEE.....	1	
	AN929-4D	CAP ASSY.....	1	
- 45	SF111-312-312-	HOSE.....	1	
	4-12	FITTING, TEE.....	1	
- 46	AN832-4D	NUT.....	1	
	AN924-4D	WASHER.....	2	
	AN960-716	NUT.....	1	
	AN818-4D	SLEEVE.....	1	
	AN819-4D	LINE.....	1	
- 47	750000-9	FITTING, TEE.....	1	
- 48	AN832-4D	NUT.....	1	
	AN924-4D	WASHER.....	2	
	AN960-716	NUT.....	1	
	AN818-4D	SLEEVE.....	1	
- 49	SF111-312-312-	HOSE.....	1	
	4-27	NIPPLE.....	1	
- 50	AN816-4D	NIPPLE.....	1	
- 51	AN816-5-2D	NIPPLE.....	1	
- 52	SF193-311-311-	HOSE.....	1	
	6-20	UNION.....	1	
- 53	AN815-6D	NUT.....	1	
	AN818-6D	SLEEVE.....	1	
	AN819-6D	LINE.....	1	
- 54	750000-11	NIPPLE.....	1	
- 55	AN816-6D			

MOONEY**M20 SERIES****PARTS CATALOG**

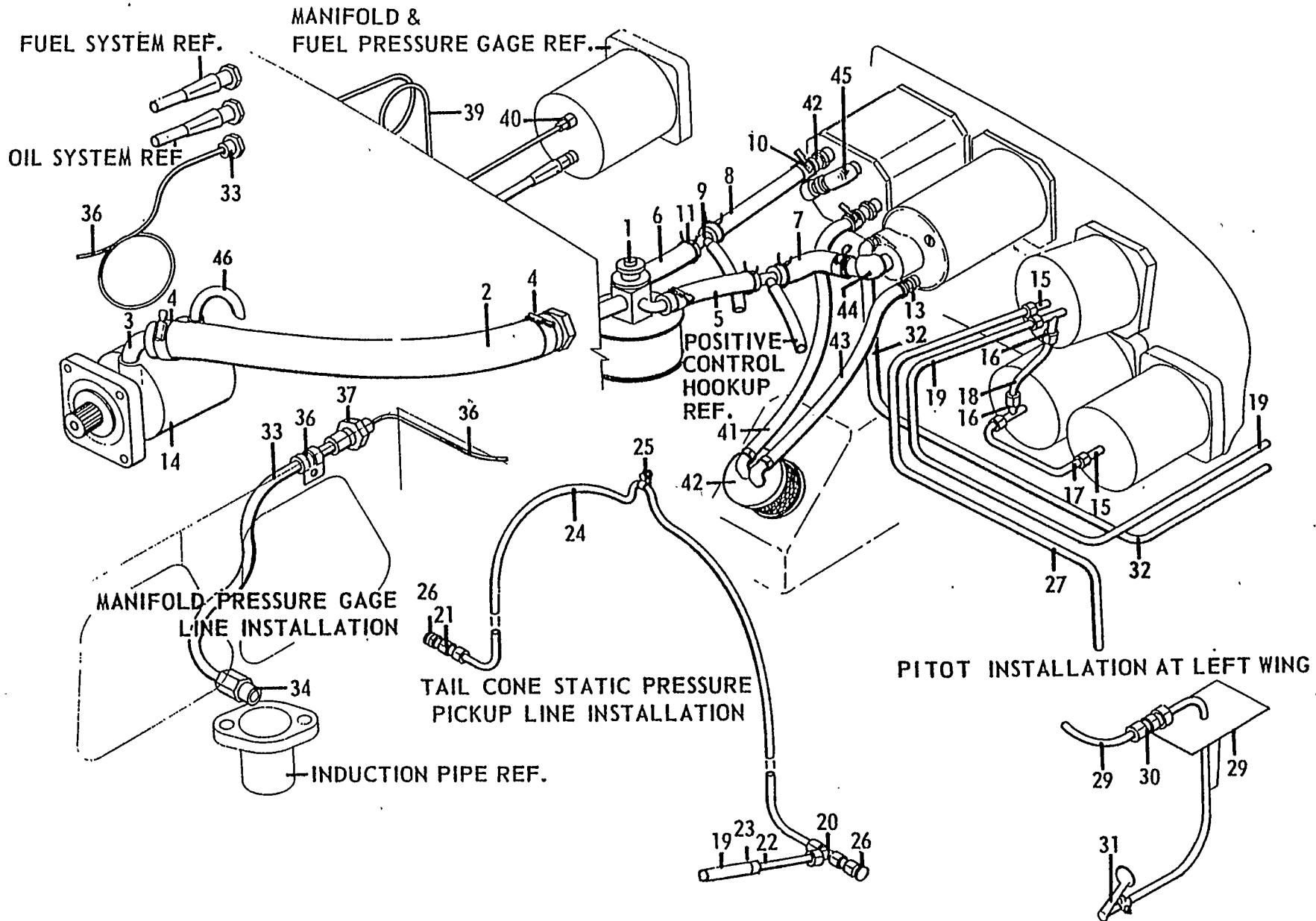
FIGURE & INDEX NOS	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
52- 55	AN818-6D	NUT.....	1	
	AN819-6D	SLEEVE.....	1	
	AN823-6D	NIPPLE.....	1	
- 56	740020-503	HOUSING, INDICATOR..... . SEE FIG 30 FOR DETAIL PARTS.	1	
- 57	750016-7	HOUSING.....	1	
	750016-9	WIRE, INDICATOR.....	1	
	750016-11	HOUSING	1	CDE
	750016-13	WIRE, INDICATOR	1	CDE
- 58	750017-7	@ CLIP.....	1	
	D227-1C	@ CONTROL.....	1	
	AN515-8R-8	@ SCREW.....	1	
	AN340-8	@ NUT.....	1	
	P44	@ TUBING, PLASTIC, NI.....	1	
	ADEL795-4	@ CLAMP, NI.....	1	
	AN526-8R-8	@ SCREW.....	2	
	AN960-8	@ WASHER.....	4	
	AN363-832	@ NUT.....	2	
- 59	750070	BELLCRANK ASSY, FLAP CONTROL.....	1	*I
	750070-501	BELLCRANK ASSY, FLAP CONTROL.....	1	*II
	914020-11	BUSHING.....	1	
	AN742-11	@ CLAMP.....	1	
	AN3-36A	@ BOLT.....	1	
	AN960-10	@ WASHER.....	1	
	AN365-1032	@ NUT.....	1	
- 60	750039-1	ROD ASSY, CONTROL.....	1	*I
	750039-501	ROD ASSY, CONTROL.....	1	*II
	AN23-14A	@ BOLT, CLEVIS.....	1	*I
	AN23-10A	@ BOLT, CLEVIS.....	1	*II
	AN960-10	@ WASHER.....	1	*I
	AN960-10L	@ WASHER.....	1	*II
	AN365-1032	@ NUT.....	1	
- 62	AN3-7A	@ BOLT.....	1	
	AN960-10	@ WASHER.....	1	
	AN365-1032	@ NUT.....	1	
- 63	850011-13	BRACKET.....	1	
	AN23-19A	@ BOLT.....	1	
	AN960-10	@ WASHER.....	2	
	AN365-1032	@ NUT.....	1	
- 64	750006	HANDLE, FLAP.....	1	
	AN3-26A	@ BOLT.....	1	
	AN960-10L	@ WASHER.....	2	
	914020-1	@ BUSHING.....	1	
	AN365-1032	@ NUT.....	1	
- 65	850011-9	BRACKET.....	1	
	AN3-26A	@ BOLT.....	1	
	AN960-10	@ WASHER.....	1	
	AN363-1032	@ NUT.....	1	
- 66	850011-1	HANDLE ASSY, FLAP RELEASE.....	1	
	850011-3	. LEVER ASSY.....	1	
	850011-11	. KNOB.....	1	
	52-012-062-0500	. @ PIN, ROLL.....	2	
- 67	032B	CASING, FLAP RELEASE CABLE.....	1	
	W-37-2	CABLE, CONTROL.....	1	
	914038-5	@ BOLT.....	1	
	914037-3	@ BUSHING.....	1	
	AN960-416	@ WASHER.....	1	
	A.960-416L	@ WASHER.....	1	
	A.960-10	@ WASHER.....	1	



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
52- 67	A1320-3 A1380-2-2 NT-141 850011-15 D227-1-C AN515-8R8 AN340-8	@ NUT..... @ PIN, COTTER..... @ NUT, CASING..... @ LOCK, SAFETY..... @ FITTING, CONTROL..... @ SCREW, NI..... @ NUT, NI.....	1 1 2 1 1 1 1	
- 68	850006-501 AN742-3 AN3-10A AN365-1032 914022-2 AN960-10 AN970-3 AN3-4A AN365-1032 AN970-3 AN913-20 #69X2	RESERVOIR ASSY..... @ CLAMP, CONTROL ATTACH..... @ BOLT..... @ NUT..... @ BUSHING..... @ WASHER..... @ WASHER..... @ BOLT..... @ NUT..... @ WASHER..... PLUG, NI..... WEATHERHEAD.....	1 1 1 1 1 1 1 1 1 1 1 1	
- 69	#4200-A1	VALVE ASSY, PARKING BRAKE.....	1	
- 70	AN911-1D	@ FITTING, CONNECTOR.....	1	
- 70	#653-032-10	CONTROL, PARKING BRAKE.....	1	
- 71	AN816-4D	NIPPLE.....	1	
- 72	850000-7	LINE.....	1	
- 73	AN824-4D	FITTING, TEE.....	1	
- 74	850000-35	LINE.....	1	
	PVC-105	COVER, LINE, NI.....	1	
	AN818-4D	COUPLING, NUT.....	2	
	AN819-4D	COUPLING, SLEEVE.....	2	
- 75	85G000-33	LINE.....	1	
- 76	AN822-4D	FITTING, ELBOW.....	3	
- 77	AN823-4D	FITTING, ELBOW.....	1	
- 78	850012-501	CYLINDER, MASTER.....	2	
- 79	AN393-21	@ PIN.....	1	
	AN960-10L	@ WASHER.....	1	
	AN380-2-2	@ PIN, COTTER.....	1	
- 80	AN393-11	@ PIN.....	1	
	AN960-10L	@ WASHER.....	1	
	AN380-2-2	@ PIN, COTTER.....	1	
- 81	A-47G-048	. BARREL, CYLINDER.....	1	
	A-47G-047	. LUG, MOUNTING.....	1	
	A-47G-046	. FITTING.....	2	
- 82	A-47G-051	. SPRING, RETURN.....	1	
- 83	A-47G-044	. PISTON.....	1	
- 84	A-47G-043	. ROD, PISTON.....	1	
	AN486-4	. CLEVIS, NI.....	1	
	1/4 IN-28-STD	. NUT, CHECK, NI.....	1	
	AN380-2-6-2	. PIN, COTTER, NI.....	1	
- 85	AN6227-9	. O-RING.....	1	
- 86	A47-G-045	. VALVE.....	1	
- 87	AN6227-3	. O-RING.....	1	
- 88	#3502-1803	. WASHER, SHAKE-PROOF.....	1	
- 89	A-47G-033	. STOP, VALVE.....	1	
	AN380-2-6-2	. PIN, COTTER.....	1	
- 90	A-47G-049	. WASHER, RETAINER.....	1	
- 91	AN6227-10	. O-RING.....	1	
	AN6227-5	. O-RING.....	1	



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
52- 92	A-47G-50	. BUSHING, PISTON GUIDE.....	1	
- 93	#5000-68	RING, SNAP.....	1	
.	AN486-4	CLEVIS, NI.....	1	
.	1/4IN-28-STO	NUT, CHECK, NI.....	1	
.	AN380-2-6-2	PIN, COTTER, NI.....	1	
- 94	850000-25	LINE.....	1	
	AN818-4D	COUPLING, NUT.....	2	
	A819-4D	COUPLING, SLEEVE.....	2	
- 95	850000-31	LINE.....	1	
	AN818-4D	COUPLING, NUT.....	2	
	AN819-4D	COUPLING, SLEEVE.....	2	
- 96	AN832-4D	UNION.....	2	
	AN924-4D	NUT.....	2	
	AN960-716	WASHER.....	4	
	AN918-4D	FITTING, CROSS.....	4	
	AN919-4D	REDUCER.....	4	
- 97	850000-21	LINE.....	1	
- 98	850000-23	LINE.....	1	
- 99	AN832-4D	UNION.....	2	
	AN924-4D	NUT.....	2	
	AN960-716	WASHER.....	4	
	AN818-4D	COUPLING, NUT.....	4	
	AN819-4D	COUPLING, SLEEVE.....	4	
-100	850000-19	LINE, WHEELWELL.....	2	CEF
	850000-29	LINE, WHEELWELL.....	2	D
-101	AN815-4D	UNION.....	2	
	AN818-4D	COUPLING, NUT.....	2	
	AN819-4D	COUPLING, SLEEVE.....	2	
-102	SF-111-312-312-			
	4-34	HOSE.....	2	*III
	SF-111-312-312-			
	4-33	HOSE.....	2	*IV
-103	AN823-4D	FITTING, TUBE.....	2	
-104	61-2	CYLINDER ASSY, BRAKE.....	2	
		. SEE FIG 24 FOR DETAIL PARTS.		
*I- 2807C & ON, 252D & GN, 470E & ON, 670052F & ON				
*II- 670001F-670051F				
*III- 2807C-3466C, 470E-1308E				
*IV- 670001C & ON, 670001E & ON, 670001F & ON				



MOONEY



M20 SERIES

PARTS CATALOG

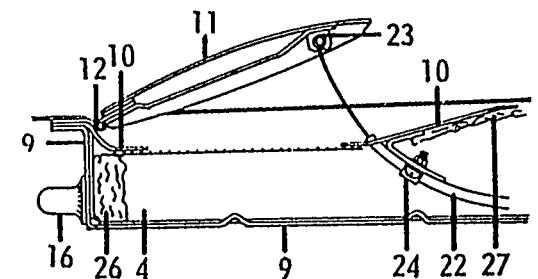
FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
53- 1	#133AA AN960-1416L	VALVE ASSY, VACUUM REGULATING..... @ WASHER /AT FIREWALL/.....	1 2	
- 2	610012 912020-3	HOSE..... HOSE.....	1 1	*I *II
- 3	A/M5/8X3/8NPT 134-A25/8X3/8 -NPT	ELBOW, SWEEP..... ELBOW, SWEEP.....	1 1	*III *IV
- 4	QS100M-10	CLAMP.....	2	
- 5	610012-19 912019-3 912019-21 610012 912019-17	HOSE..... HOSE..... HOSE..... HOSE..... HOSE.....	1 1 1 1 1	*V *VI *VII *VIII
- 6	610012-15 912019-3 912019-21 610012-11 912019-15	HOSE..... HOSE..... HOSE..... HOSE..... HOSE.....	1 1 1 1 1	*IX *X *VI *VII *VIII
- 7	610012-21 912019-7 912019-21 610012-9 912019-15	HOSE..... HOSE..... HOSE..... HOSE..... HOSE.....	1 1 1 1 1	*IX *X *VI *VII *VIII
- 8	610012-17 912019-9 912019-23 610012-11 912019-17	HOSE..... HOSE..... HOSE..... HOSE..... HOSE.....	1 1 1 1 1	*IX *X *VI *VII *VIII
- 9	#11873-4	FITTING, TEE.....	2	CEF
- 10	QS100M-8	CLAMP.....	6	
- 11	A-10 A-6	CLAMP, NI..... CLAMP, NI.....	4 2	CEF CEF
- 12	AN840-6D	ADAPTER.....	1	
- 13	610101	TUBE ASSY.....	1	
- 14	113AS 200CC AN960C-416 AN936-A416 AN316-C4R 600086 AN822-8D AN818-8D AN819-8D	PUMP ASSY, VACUMM..... PUMP ASSY, VACUUM..... @ WASHER..... @ WASHER..... @ NUT..... • TUBE, VAC. PUMP EXHAUST..... • @ ELBOW..... • @ NUT..... • @ SLEEVE.....	1 1 4 4 4 1 1 1 1	*XI *XII
- 15	#268-P	UNION, HALF.....	2	
- 16	#271-P	FITTING, TEE.....	2	
- 17	820020-13	TUBE.....	1	
- 18	820020-11	TUBE.....	1	
- 19	820020-21 AN931-6-10 AN742-D9C #4X3/8 #602 A6187-4Z-1 AN526-1032R8 AN960-10L AN365-1032	TUBE ASSY..... . GROMMET /AT BULKHEAD/..... . CLAMP, NI..... . @ SCREW, NI..... . @ WASHER, FINISH, NI..... . @ NUT, NI..... . @ SCREW, NI..... . @ WASHER, NI..... . @ NUT, NI.....	1 2 6 2 2 2 4 4 4	
- 20	64X3	WEATHERHEAD.....	1	



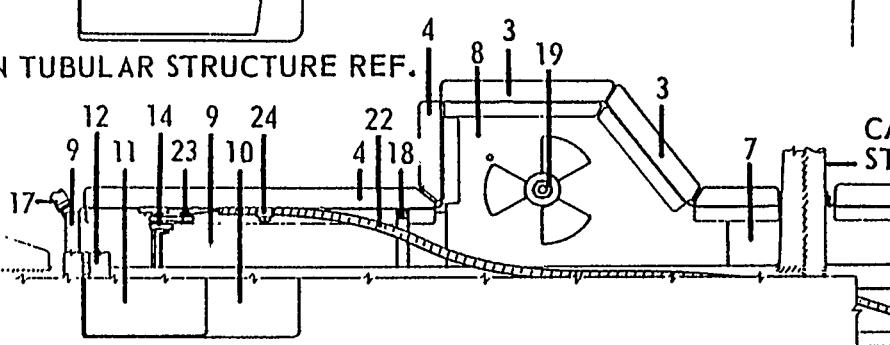
FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
53- 21	62X3	WEATHERHEAD.....	1	
- 22	820020-30	WIRE, STEEL SAFETY.....	1	AR
- 24	820020-19	TUBE.....	1	
- 25	310109	CLIP, TUBE SUPPORT.....	1	
	AN735-4	@ CLAMP /AT TOP TAIL CONE LONGERON/.....	1	
	AN3-3A	@ BOLT.....	1	
	AN960-10	@ WASHER.....	1	
	AN365-1032	@ NUT.....	1	
- 26	820057-3	BUTTON.....	2	
	820074	WASHER.....	2	
	AN960-D416	WASHER.....	2	
	AN315-D4	NUT.....	2	
	AN316-4R	NUT.....	2	
- 27	820020-9	TUBE, PITOT.....	1	
	#262-P	. FITTING, UNION, NI.....	1	
- 28	820020-7	TUBE, PITOT /AT LEFT WING/.....	1	AR
	N49244	. BAND.....	8	
	N49216	. CLIP.....	8	
	#6X3/8	. SCREW.....	8	
- 29	820016	TUBE ASSY, PITOT.....	1	
- 30	#262	FITTING, UNION.....	1	
- 31	#1	PROTECTOR, PITOT TUBE.....	1	
	AN515-4-8	@ SCREW.....	1	
	AN340-4	@ NUT.....	1	
- 32	44-P	TUBE, VACUUM STEP.....	1	
	#269-P	. ELBOW /AT DIRECTIONAL GYRO/, NI.....	1	
- 33	660000-13	LINE, MANIFOLD PRESSURE.....	1	CD
	660061-7	LINE, MANIFOLD PRESSURE.....	1	E
	660121	LINE, MANIFOLD PRESSURE.....	1	F
- 34	AN816-4D	. NIPPLE.....	1	
	AN818-4D	. NUT.....	1	
	AN818-4D	. SLEEVE.....	1	
- 35	MS21919DG-4	CLAMP.....	1	
- 36	MS21919DG2	. CLAMP/AT ENGINE BAFFLE/ NI.....	1	EF
	660000-15	LINE, MANIFOLD PRESSURE.....	1	CD
	AN526-1032R8	. @ SCREW.....	1	EF
	AN960-10	. @ WASHER.....	1	EF
	660061-5	LINE, MANIFOLD PRESSURE.....	1	E
	AN365-1032	. @ NUT.....	1	EF
	660061-1	LINE, MANIFOLD PRESSURE.....	1	F
-37	AN818-4D	NUT	1	
	AN819-4D	SLEEVE	1	
	AN919-4D	REDUCER	1	
	AN818-2D	NUT	1	
	AN819-2D	SLEEVE	1	
	610155-1	RESTRICTOR FITTING	1	
- 38	AN832-2	UNION.....	1	
	AN924-2	NUT.....	1	
	AN960-516	WASHER.....	2	
	AN832-2	UNION, NI.....	1	CD
	AN924-2	NUT, NI.....	1	CD
	AN818-2D	NUT, NI.....	1	
	AN819-2D	SLEEVE, NI.....	1	
- 39	660000-11	LINE, MANIFOLD PRESSURE.....	1	CD
	660061-3	LINE, MANIFOLD PRESSURE.....	1	EF
- 40	AN816-2D	. NIPPLE.....	1	EF
	AN818-2D	. NUT.....	1	EF
	AN819-2D	. SLEEVE.....	1	EF

MOONEY**M20 SERIES****PARTS CATALOG**

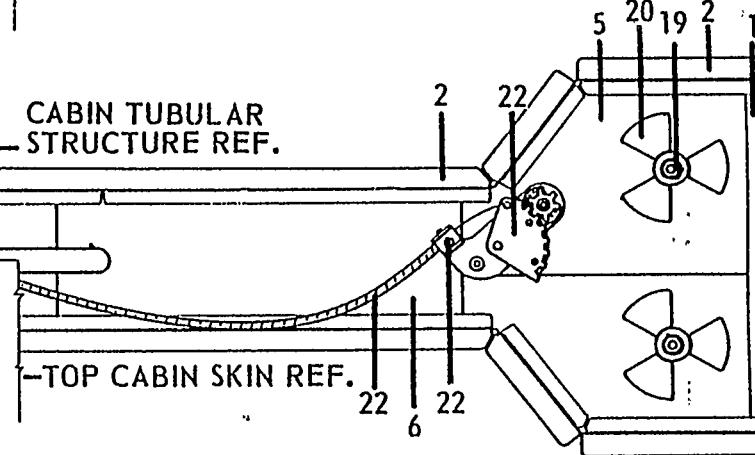
FIGURE & INDEX NOS	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
53- 41	912019-19	HOSE.....	1	*XIII
	AN823-6D	@ NIPPLE /AT DIRECTIONAL GYRO/.....	1	*XIII
	A1C	@ CLAMP.....	1	*XIII
	AN915-1D	@ FITTING, NI.....	1	*XIII
- 42	360014	FILTER.....	1	*XIII
	AN960-8	@ WASHER, NI.....	1	*XIII
	RM52-LTHA		AR	*XIII
	-51A-82			
- 43	912019-19	@ NUT, PLATE, NI.....	1	*XIII
	A-10	HOSE.....	1	*XIII
	61C101	@ CLAMP, NI.....	1	*XIII
	AN823-6D	@ TUBE ASSY, NI.....	1	*XIII
- 44	AN23-6D	@ ELBOW, NI.....	1	*XIII
- 45	22-1280-04	ELBOW.....	1	*XIII
- 46	600086	SWITCH, VACUUM.....	1	*VI
	AN822-8D	TUBE.....	1	*VI
	AN818-8D	@ FITTING.....	1	*VI
	AN819-8D	@ FITTING.....	1	*VI
		@ FITTING.....	1	*VI
*I- 2807C-3185C, 252D-259D, 470E-831E				
*II- 3186C & ON, 260D & ON, 832E & ON, 670001F & ON				
*III- 2807C-3184C, 470E-831E				
*IV- 3185C & ON, 832E & ON, 670001F & ON				
*V- 3185C-3195C, 831E-839E				
*VI- 3196C & ON, 840E & ON, 670001F & ON				
*VII- 252D-259D				
*VIII- 260D & ON				
*IX- 2807C-3005C, 370E-662E				
*X- 3006C-3195C, 663E-839E				
*XI- 2807C-2843C, 252D, 470E-471E				
*XII- 2844C & ON, 253D & ON, 472E & ON, 670001F & ON				
*XIII- 3185C & ON, 260D & ON, 832E & ON, 670001F & ON				



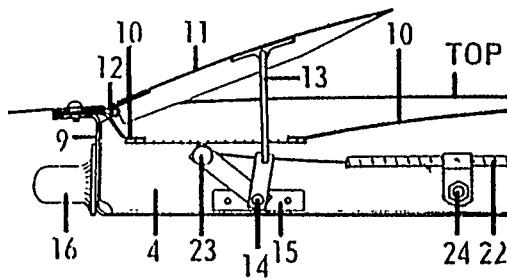
CABIN TUBULAR STRUCTURE REF.



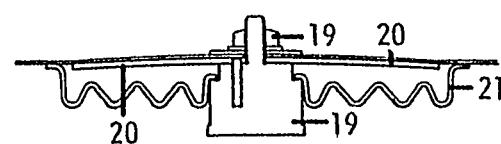
**CABIN TUBULAR
STRUCTURE REF.**



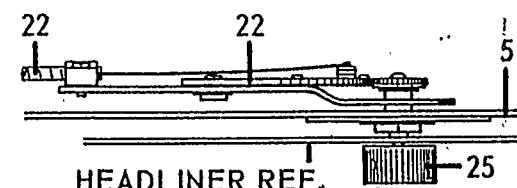
-TOP CABIN SKIN REF



CROSS SECTION OF INTAKE SCOOP MECHANISM



CROSS SECTION OF OUTLET MECHANISM



SIDE VIEW OF CONTROL ACTUATOR MECHANISM



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
54-	640057-1	COOLING SYSTEM ASSY, CABIN.....	1	*I
	640057-501	COOLING SYSTEM ASSY, CABIN.....	1	*II
- 1	640057-21	. ANGLE, WALL.....	1	CDE
- 2	640057-13	. RAIL, Z-WALL, LH.....	1	*I
	640057-14	. RAIL, Z-WALL, RH.....	1	*I
	640057-51	. RAIL, Z-WALL, LH.....	1	*II
	640057-52	. RAIL, Z-WALL, RH.....	1	*II
	22NA1-02	. @ NUT PLATE.....	3	*II
	AN530-4R6	. @ SCREW.....		AR CDE
- 3	640057-11	. RAIL, Z-WALL, LH.....	1	*I
	640057-12	. RAIL, Z-WALL, RH.....	1	*I
	640057-43	. RAIL, Z-WALL, LH.....	1	*II
- 4	640057-9	. RAIL, Z-WALL, LH.....	1	*I
	640057-10	. RAIL, Z-WALL, RH.....	1	*I
	640057-44	. RAIL, Z-WALL, RH.....	1	*II
- 5	640057-5	. PLATE, COVER, LH.....	1	CDE
	640057-6	. PLATE, COVER, RH.....	1	CDE
	AN530-4R6	. @ SCREW.....		AR CDE
	A6187-4Z-1	. @ NUT, CLIP.....		AR CDE
- 6	650057-17	. PLATE, COVER.....	1	CDE
	AN530-4R4	. @ SCREW.....		2 CDE
	AN530-4R6	. @ SCREW.....		AR CDE
	A6187-4Z-1	. @ NUT, CLIP.....		AR CDE
- 7	650057-15	. PLATE, COVER.....	1	*I
	640129	. PLATE.....	1	*II
	AN530-4R4	. @ SCREW.....	2	*I
	AN530-4R6	. @ SCREW.....		AR CDE
	A6187-4Z-1	. @ NUT, CLIP.....		AR CDE
- 8	640057-3	. PLATE.....	1	CDE
	640139	. BRACKET.....	1	CDE
	AN530-4R6	. @ SCREW.....	2	CDE
	A6187-4Z-1	. @ NUT, CLIP.....		AR CDE
	AN530-6R6	. @ SCREW.....	1	CDE
	AN530-6R4	. @ SCREW.....	1	CDE
	A6187-6Z-1	. @ NUT, CLIP.....	1	CDE
- 9	640057-19	. PLATE.....	1	*I
	640134	. PLATE.....	1	*II
	AN530-4R6	. @ SCREW.....		AR CDE
	A6187-4Z-1	. @ NUT, CLIP.....		AR CDE
- 10	640054-1	. SCOOP ASSY, PAN.....	1	*I
	640137	. SCOOP ASSY, PAN.....	1	*II
	AN960-4L	. @ WASHER.....		AR CDE
	640054-3	. . PAN.....	1	*I
	640137-3	. . PAN.....	1	*II
	640054-5	. . SCREEN.....	1	*I
	640137-5	. . SCREEN.....	1	*II
	640140	. . BRACKET.....	1	*II
- 11	640055-1	. SCOOP ASSY, DOOR.....	1	*I
	640138	. SCOOP ASSY, DOOR.....	1	*II
	640055-3	. . DOOR, SCOOP.....	1	CDE
- 12	640055-9	. . HINGE.....	1	*I
	AN960-4L	. . @ WASHER.....		AR *I
	640138-15	. . HINGE ASSY.....	1	*II
	640138-13	. . . HINGE.....	1	*II
	640138-7	. . . HINGE.....	1	*II
	640138-11	. . . @ PIN, HINGE.....	1	*II
	AN381-2-6	. . . @ PIN, COTTER.....	2	*II



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
54- 12	640138-3	.. BOX.....	1	*II
	640138-5	.. SPACER.....	1	*II
	640138-9	.. SCOOP.....	1	*II
	913065	.. LUG.....	2	*II
- 13	640055-5	.. CLIP.....	2	*I
	640055-7	.. ARM.....	1	*I
- 14	640056-1	.. SHAFT ASSY, DOOR ACTUATOR.....	1	*I
	640056-3	.. SHAFT.....	1	*I
	640056-7	.. ARM.....	2	*I
	640056-5	.. ARM.....	1	*I
	RPA-52-012-062-			
	500	.. @ PIN, ROLL.....	3	*I
- 15	640057-23	.. BLOCK.....	2	*I
	AN530-4R6	.. @ SCREW.....	4	*I
- 16	640027-29	.. OUTLET, DRAIN.....	1	CDE
- 17	640057-33	.. TUBE, VINYL.....	1	CDE
	1/4	.. @ WRAPLOCK.....	2	CDE
	640057-37	.. TUBE, NI.....	1	CDE
	1/4	.. @ WRAPLOCK, NI.....	2	CDE
	640057-39	.. TUBE, NI.....	1	CDE
	1/4	.. @ WRAPLOCK, NI.....	2	CDE
	640057-35	.. TUBE, NI.....	1	CDE
	1/4	.. @ WRAPLOCK, NI.....	2	CDE
- 18	640057-41	.. DAM, WEATHER STRIPPING.....	1	*I
	640057-45	.. DAM, WEATHER STRIPPING.....	1	*II
- 19	640066-1	.. KNOB ASSY.....	4	CDE
	AN960-4	.. @ WASHER.....	1	CDE
	AN960-416	.. @ WASHER.....	1	CDE
	AN364-428	.. @ NUT.....	1	CDE
	RPA-52-028-125-			
	500	.. PIN, ROLL.....	1	CDE
	640066-3	.. KNOB.....	1	CDE
- 20	640057-7	.. PLATE, PLASTIC VALVE.....	4	CDE
- 21	130078-1	.. DEFLECTOR, FRONT.....	2	*I
	130078-503	.. DEFLECTOR, FRONT.....	2	*II
	130078-501	.. DEFLECTOR, REAR.....	2	*I
	130078-505	.. DEFLECTOR, REAR.....	2	*II
- 22	#360-032-516	.. CABLE, CONTROL.....	1	CDE
	3M-33	.. @ TAPE, PLASTIC.....	AR	CDE
- 23	AN960-4	.. @ WASHER.....	1	CDE
	AN392-11	.. @ PIN.....	1	*I
	AN392-13	.. @ PIN, CLEVIS.....	1	*II
	AN381-2-6	.. @ PIN, COTTER.....	1	*I
	AN381-2-1	.. @ PIN, COTTER.....	1	*II
- 24	AN742-3	.. @ CLAMP.....	1	CDE
	AN526-10R8	.. @ SCREW.....	1	CDE
	AN363-1032	.. @ NUT.....	1	CDE
	AN960-10L	.. @ WASHER.....	2	CDE
- 25	S1002-1-40915	.. KNOB.....	1	CDE
	AN365C-832H5	.. @ SCREW, SET.....	1	CDE
- 26	640057-49	.. INSULATION.....	1	*II
	3M-EC1368	.. @ GLUE.....	AR	*II
- 27	640057-47	.. INSULATION.....	1	*II
	3M-EC1368	.. @ GLUE.....	AR	*II
	PR121-B	.. SEALANT.....	AR	CDE
	P-#12	.. TAPE, PLASTIC.....	AR	CDE

*I- 2807C-3184C, 252D-259D, 470E-831E

*II- 3185C & ON, 260D & ON, 832E & ON

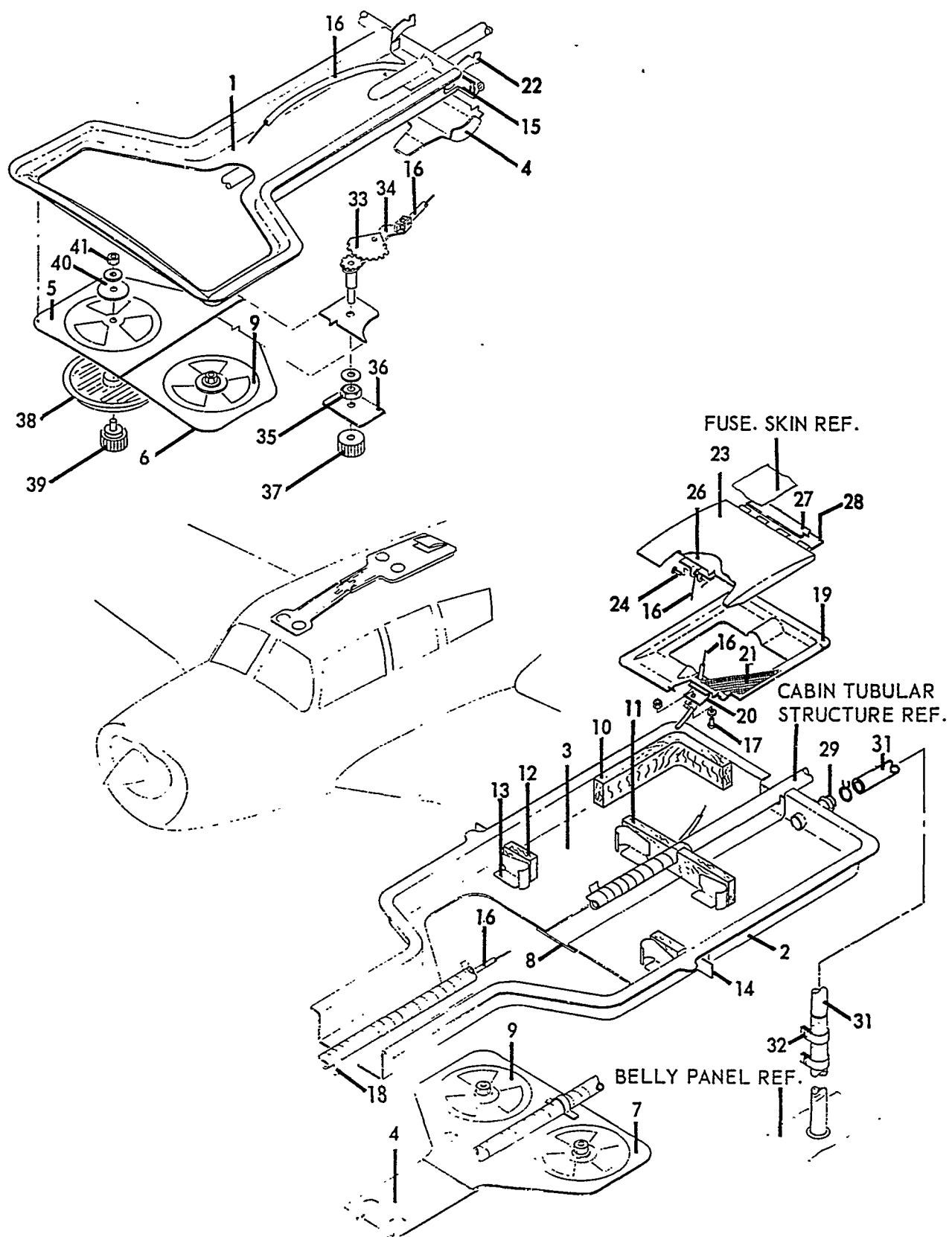


FIGURE 55. Cabin Overhead Ventilation System

MOONEY



M20 SERIES

PARTS CATALOG

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
55-	640198	COOLING SYSTEM, CABIN.....	1	F
- 1	640198-5	• FRAME, FWD.....	1	F
	22NAI-02	• NUT PLATE.....	3	F
- 2	640198-7	• FRAME, AFT, LH.....	1	F
- 3	640198-8	• FRAME, AFT, RH.....	1	F
- 4	640129-501	• PLATE.....	1	F
	AN530-4R4	• @ SCREW.....	20	F
- 5	640198-17	• PLATE, COVER, FWD, LH.....	1	F
	AN530-4R4	• @ SCREW.....	11	F
- 6	640198-23	• PLATE, COVER, FWD, RH.....	1	F
	AN530-4R4	• @ SCREW.....	11	F
- 7	640198-3	• PLATE, COVER, AFT.....	1	F
	AN530-4R4	• @ SCREW.....	1	F
	640201	• BRACKET, NI.....	1	F
	AN530-6R6	• @ SCREW.....	1	F
	AN530-4R4	• @ SCREW.....	2	F
- 8	640198-9	• PLATE, COVER.....	1	F
	AN530-4R4	• @ SCREW.....	16	F
- 9	640152	• PLATE, VENT VALVE.....	4	F
- 10	640057-49	• INSULATION, INNER.....	2	F
	640057-47	• INSULATION, OUTER, NI.....	1	F
- 11	640134-11	• INSULATION.....	1	F
- 12	640134-13	• INSULATION.....	2	F
- 13	640198-5	• BAFFLE, BRACKET, LH.....	2	F
	640198-6	• BAFFLE, BRACKET, RH.....	2	F
- 14	640198-13	• CLIP, LH.....	1	F
	640198-14	• CLIP, RH.....	1	F
- 15	640198-15	• CLIP, LH.....	1	F
	640198-16	• CLIP, RH.....	1	F
- 16	640198-21	• CABLE, CONTROL.....	1	F
- 17	AN742-3	• @ CLAMP.....	2	F
	AN526-10R8	• @ SCREW.....	2	F
	AN960-10L	• @ WASHER.....	2	F
	AN363-1032	• @ NUT.....	2	F
- 18	3M-33	• @ TAPE, PLASTIC.....	AR	F
- 19	640137	• AIRSCOOP ASSY.....	1	F
	AN470-AD3	• @ RIVIT, NI.....	16	F
	AN960-4L	• @ WASHER, NI.....	16	F
- .20	640140	• • BRACKET.....	1	F
- 21	640137-5	• • SCREEN.....	1	F
- 22	640198-11	• • STRIP.....	2	F
- 23	640138	• AIRSCOOP ASSY.....	1	F
- 24	AN393-13	• @ BOLT, CLEVIS.....	1	F
	AN960-4	• @ WASHER.....	1	F
	AN381-2-6	• @ PIN, COTTER.....	1	F
	640138-9	• • SCOOP, AIR.....	1	F
- 25	013065	• • LUG.....	2	F
- 26	640138-3	• • BOX, AIRSCOOP.....	1	F
- 27	640138-5	• • SPACER.....	1	F
- 28	640138-15	• • HINGE ASSY.....	1	F
	640138-7	• • • HINGE, PLATE.....	1	F
	640138-13	• • • HINGE, PLATE.....	1	F
	640138-11	• • • HINGE, PIN.....	1	F
- 29	640200	• DRAIN ASSY.....	1	F
- 31	640198-35	• TUBE.....	1	F
- 32	AN742-8	• @ CLAMP.....	2	F
	AN530-4R6	• @ SCREW.....	2	F



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
55- 32	AN960-6	• @ WASHER.....	2	F
	A1890-4Z-1	• @ SPEED NUT.....	2	F
- 33	#360-032-516	• CONTROL ASSY, AIR.....	1	F
- 34	A510-10R10	• @ SCREW.....	1	F
	AN960-10	• @ WASHER.....	3	F
	AN960-10L	• @ WASHER.....	1	F
	AN363-1032	• @ NUT.....	1	F
- 35	#8X32	• @ SCREW, SET.....	1	F
- 36	150019-503	• @ PLACARD.....	1	F
- 37	S1003-1-40916	• KNOB, CONTROL.....	1	F
- 38	130078-503	• DEFLECTOR, AIR, FWD.....	2	F
	130078-505	• DEFLECTOR, AIR, AFT.....	2	F
	640152	• PLATE, DEFLECTOR, NI.....	4	F
- 39	640066-1	• KNOB ASSY.....	4	F
- 40	AN970-4	• @ WASHER.....	4	F
- 41	AN960-416	• @ WASHER.....	4	F
	AN364-428	• @ NUT.....	4	F

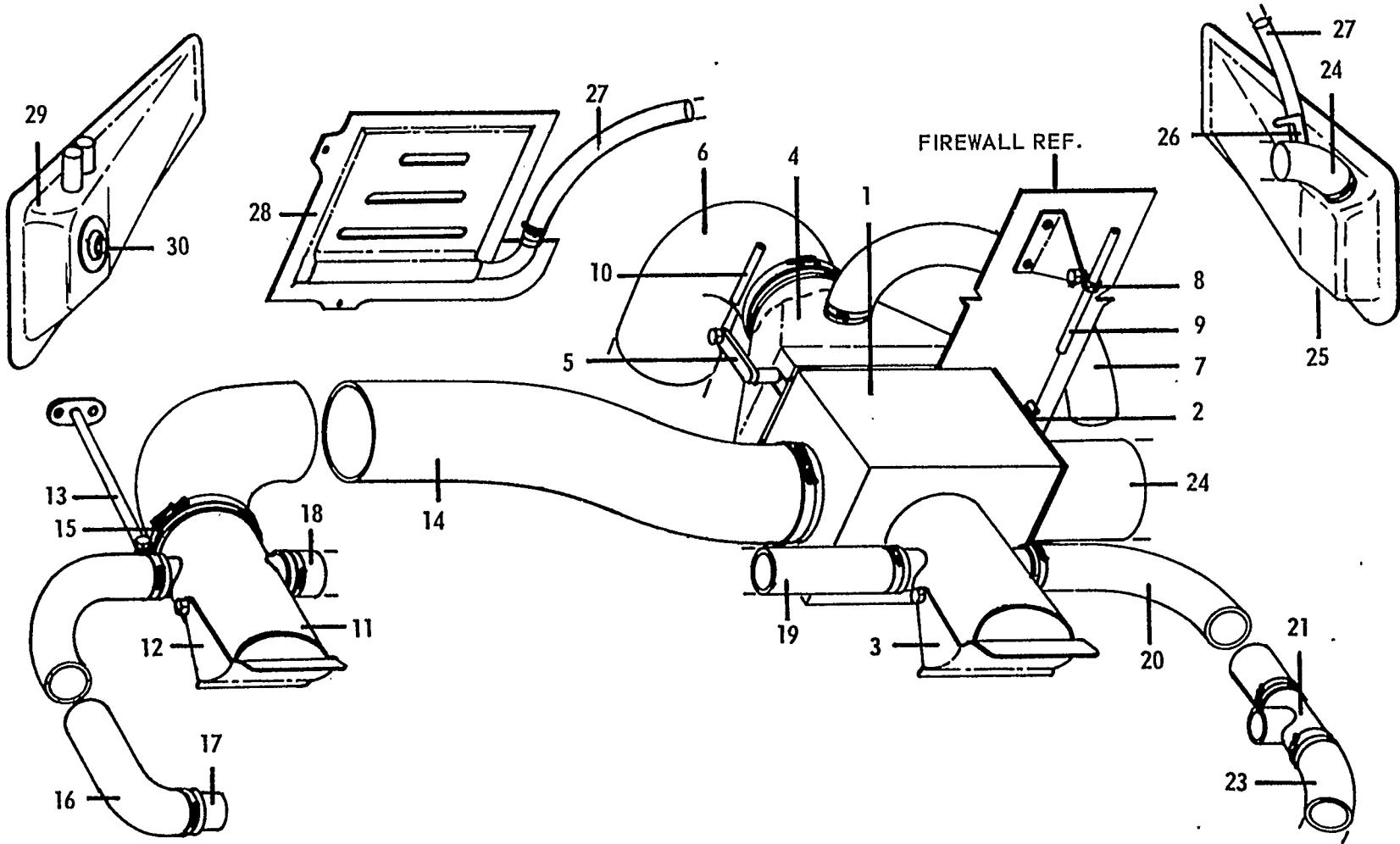


FIGURE 56. Cabin Heating & Cooling System (1965-1966 M20C, D&E)



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
56- 1	640014-507	BOX ASSY, JUNCTION.....	1	*I
	640013	• BOX ASSY.....	1	*I
	640017	• PLATE, BACKING, NI.....	1	*I
	AN530-4-6	• @ SCREW.....	6	*I
	A1890-4Z-1	• @ NUT.....	6	*I
- 2	640009	• PLATE, NI.....	1	*I
	640010	• PLATE, SLIDE.....	1	*I
	640012	• PLATE ASSY, CABIN AIR VALVE, NI.....	1	*I
- 3	640046-3	• DEFLECTOR, AIR.....	1	*I
	AN515-6R8	• @ SCREW.....	2	*I
	AN960-6	• @ WASHER.....	4	*I
	AN960-6L	• @ WASHER.....	4	*I
	AN365-632	• @ NUT.....	2	*I
- 4	640006	VALVE, CABIN AIR, NI.....	1	*II
	640009	• PLATE, SPACER, NI.....	1	*II
	640007	• PLATE ASSY, HOSE CONNECTION, NI.....	1	*II
	AN520-10R12	• @ SCREW.....	7	*II
	AN960-10	• @ WASHER.....	7	*II
	640047-501	COVER ASSY.....	1	*III
	AN530-4R-8	@ SCREW.....	12	*III
	640047-1	VALVE ASSY, NI.....	1	*III
	640047-17	• PLATE, NI.....	1	*III
	640047-9	• TUBE, NI.....	1	*III
- 5	AN515-6R-10	• @ SCREW.....	2	*III
	AN960-6	• @ WASHER.....	2	*III
	AN363-632	• @ NUT.....	2	*III
	5L5-F	• NYLINER, NI.....	1	*III
	640047-19	• TUBE, NI.....	1	*III
	640047-11	• PLATE, VALVE, NI.....	1	*III
	640047-13	• SEAL, VALVE, NI.....	1	*III
- 6	640001-1	DUCT, CABIN HEAT, NI.....	1	*II
	QS100M-36	@ CLAMP, NI.....	2	*II
	640001-3	DUCT, /ENGINE BAFFLE TO MUFFLER/ NI.....	1	*II
	QS100M-36	@ CLAMP.....	2	*II
	640001-5	DUCT, /CARB AIR BOX TO MUFFLER/ NI.....	1	*II
	QS100M-36	@ CLAMP, NI.....	2	*II
	640001-1	DUCT, CABIN HEAT /TO MUFFLER JACKET/ NI..	1	*III
	QS100M-36	@ CLAMP.....	2	*III
	640001-11	DUCT, /FWD BAFFLE TO MUFFLER JACKET, NI..	1	*III
	QS100M-36	@ CLAMP.....	2	*III
- 7	640001-13	DUCT, AIR DUMP.....	1	*III
	QS100M-24	@ CLAMP.....	1	*III
- 8	640016	BRACKET, CONTROL BOX.....	1	*I
	AN3-4A	@ BOLT.....	1	*I
	AN960-10L	@ WASHER.....	1	*I
	AN365-1032	@ NUT.....	1	*I
- 9	653--32-12	CONTROL, CABIN VENT.....	1	*I
	AN340-832	@ NUT.....	4	*I
	D-222	@ WIRE, STOP.....	4	*I
	AN515-8R6	@ SCREW.....	4	*I
- 10	653-032-11	CONTROL, CABIN HEAT.....	1	*III
	AN340-832	@ NUT.....	1	*III
	D222	@ WIRE, STOP.....	1	*III
	AN515-8R6	@ SCREW.....	1	*III
	914037-3	@ BUSHING.....	1	*III
	914039-5	@ BOLT.....	1	*III
	AN960-10	@ WASHER.....	1	*III



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
56- 10	AN310-3	ø NUT.....	1	*III
	AN380-2-2	ø PIN, COTTER.....	1	*III
- 11	640032-509	OUTLET ASSY, PILOT AIR.....	1	*I
	640032-511	• OUTLET ASSY.....	1	*I
- 12	640046-3	• DEFLECTOR, AIR.....	1	*I
	AN515-6R8	• ø SCREW.....	2	*I
	AN960-6	• ø WASHER.....	4	*I
	AN960-6L	• ø WASHER.....	4	*I
	AN365-632	• ø NUT.....	2	*I
- 13	640015	BRACKET.....	1	*I
	AN526-632-8	ø CLAMP.....	2	*I
	AN960-6	ø WASHER.....	4	*I
	AN365-632	ø NUT.....	4	*I
	AN970-3	ø WASHER.....	2	*I
	AN960-6	ø WASHER.....	2	*I
- 14	912007-509	DUCT.....	1	*I
	QS100-36	ø CLAMP.....	1	*I
- 15	AN735-D-34	ø CLAMP.....	1	*I
	AN3-4A	ø BOLT.....	1	*I
	AN960-10	ø WASHER.....	1	*I
	AN365-1032	ø NUT.....	1	*I
- 16	912007-1	HOSE, FLEX.....	1	*I
- 17	640041-9	TUBE, OUTLET.....	1	*I
	MS21919-DG-20	ø CLAMP, NI.....	1	*I
	AN743-12	ø BRACKET, NI.....	1	*I
	MS21919-DG-18	ø CLAMP, NI.....	2	*I
	#33	ø TAPE, SCOTCH, NI.....	AR	*I
	AN520-10R10	ø SCREW.....	2	*I
	AN960-10	ø WASHER.....	2	*I
	AN363-1032	ø NUT.....	2	*I
- 18	912007-505	DUCT, FLEX.....	1	*I
	QS100-M24	ø CLAMP.....	2	*I
- 19	912007-505	DUCT, FLEX.....	1	*I
	QS100M-M24	ø CLAMP.....	2	*I
- 20	912007-511	DUCT, FLEX.....	1	*I
	QS100-M24	ø CLAMP.....	2	*I
- 21	640048-501	OUTLET ASSY.....	1	*IV
	640041-9	TUBE, OUTLET.....	1	*V
	AN742-D22	ø CLAMP.....	1	*I
	AN743-12	ø BRACKET, NI.....	1	*I
	AN742-D20	ø CLAMP, NI.....	1	*I
	#33	ø TAPE, SCOTCH, NI.....	AR	*I
	AN520-10R10	ø SCREW.....	2	*I
	AN960-10L	ø WASHER.....	2	*I
	AN363-1032	ø NUT, NI.....	2	*I
- 23	912007-501	DUCT, FLEX.....	1	*IV
	QS100-M20	ø CLAMP.....	1	*IV
	640048-1	TUBE, OUTLET.....	1	*IV
- 24	912007-503	DUCT.....	1	*I
	AN737-TW-91	ø CLAMP, NI.....	2	*I
- 25	640040-501	SCOOP ASSY, AIR INTAKE.....	1	*I
	640040-7	SCREEN.....	1	*I
- 26	810043-1	ARM & SHAFT ASSY.....	1	*I
	AN960-416L	ø WASHER.....	1	*I
	AN380-3-3	ø PIN, COTTER.....	1	*I
	810044	VALVE.....	1	*I
	AN515-6R4	ø SCREW.....	1	*I



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
56- 26	AN935-6	2 WASHER.....	1	*I
	AN515-8R4	SCREW.....	1	*I
	AN935-8	WASHER.....	1	*I
	#8-32	NUT, CAP.....	1	*I
- 27	912007-513	DUCT.....	1	*I
	QS100 M12	2 CLAMP.....	3	*I
- 28	810036-1	BOX ASSY, RADIO COOLING.....	1	*I
	914022-20	2 BUSHING.....	3	*I
	AN515-6R24	2 SCREW.....	3	*I
	AN960-6	2 WASHER.....	3	*I
	AN365-632	2 NUT.....	3	*I
	810036-3	• BOX, HALF.....	1	*I
	810036-5	• BOX HALF.....	1	*I
- 29	640040-503	SCOOP ASSY, AIR INTAKE, LH.....	1	*I
- 30	#2120	CONTROL, AIR.....	1	*I
	#1794	2 SCREW.....	4	*I

*I- 2807C-3466C, 252D & ON, 470E-1308E
 *II- 2807C-3466C, 252D & ON
 *III- 470E-1308E
 *IV- 2807C-3184C, 252D-259D, 470E-831E
 *V- 3185C-3466C, 260D & ON, 832E-1308E

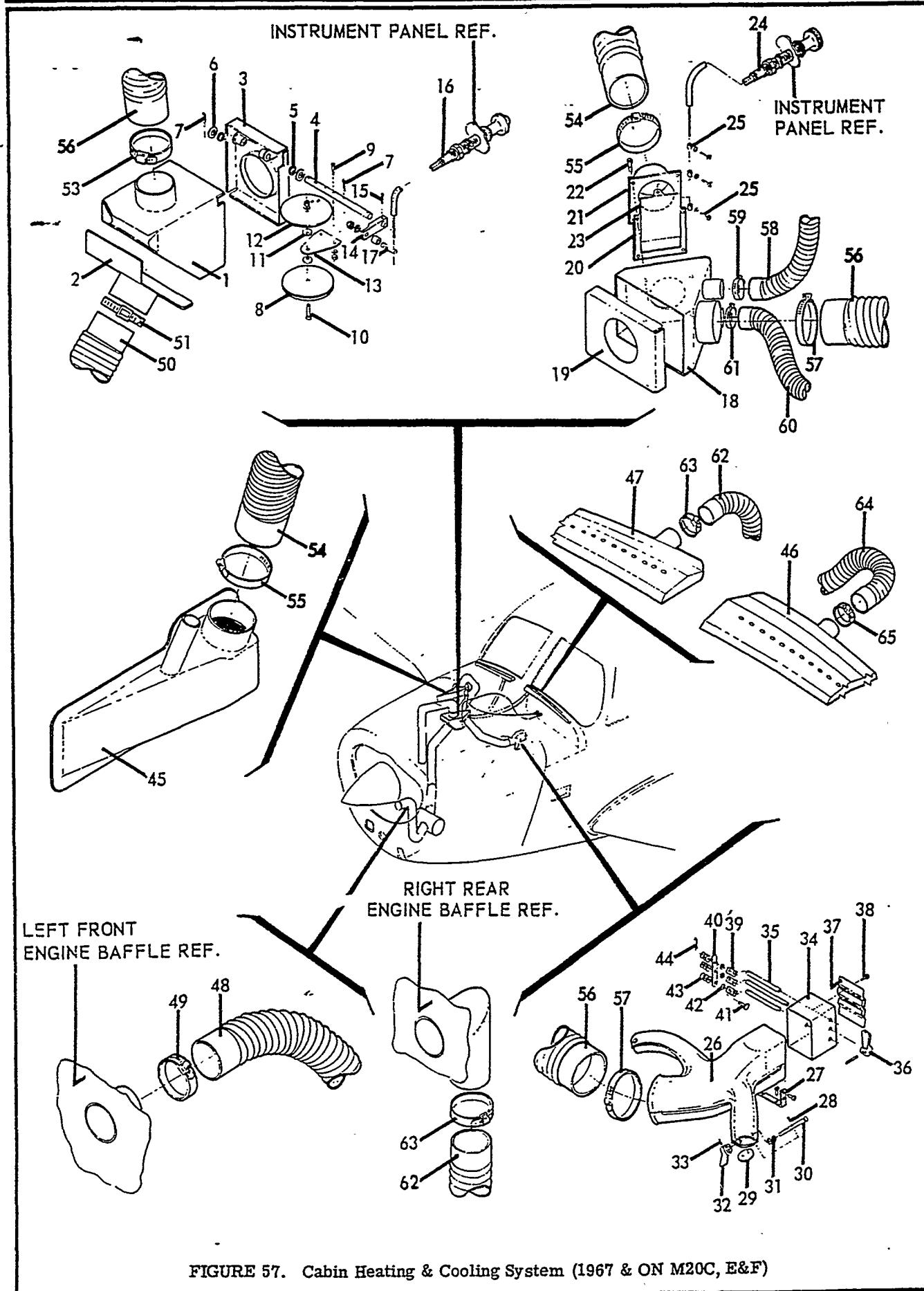




FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
57- 1	640212-29	BOX ASSY, CABIN HEAT.....	1	*I
	AN530-8R6	@ SCREW, NI.....	4	*I
	AN530-6R6	@ SCREW, NI.....	2	*I
- 2	640212-21	• COVER ASSY, HEATER BOX.....	1	*I
	P4C	• @ HUCK RIVET.....	12	*I
- 3	640212-25	• PLATE ASSY, HEATER VALVE.....	1	*I
- 4	640204	• SHAFT.....	1	*I
- 5	AN960-6	• @ WASHER.....	2	*I
- 6	AN960-616	• @ WASHER.....	2	*I
	5L5-F	• NYLINER, NI.....	1	*I
- 7	AN380-2-2	• @ PIN, COTTER.....	2	*I
- 8	640212-27	• SEAT ASSY, HEATER VALVE.....	1	*I
- 9	AN515-6R6	• @ SCREW.....	2	*I
	AN960-6	• @ WASHER.....	2	*I
	AN363-632	• @ NUT.....	2	*I
- 10	AN3C-4	• • BOLT.....	1	*I
	AN970-3	• • WASHER.....	1	*I
	AN320-3	• • NUT.....	1	*I
	AN380-2-2	• • PIN, COTTER.....	1	*I
- 11	3502-05-16	• • WASHER, SPRING.....	2	*I
- 12	640212-13	• • SEAL, VALVE.....	1	*I
- 13	640212-9	• • ARM, VALVE SEAT.....	1	*I
- 14	600127	• • ARM, VALVE ASSY.....	1	*I
- 15	RPA52-028-125- 0625	• PIN, ROLL.....	2	*I
- 16	640221	CONTROL, CABIN HEAT.....	1	*I
- 17	914037-3	@ BUSHING.....	1	*I
	914038-5	@ BOLT.....	1	*I
	AN960-10	@ WASHER.....	1	*I
	AN310-3	@ NUT.....	1	*I
	AN380-2-2	@ PIN, COTTER.....	1	*I
- 18	640205-15	BOX ASSY, CABIN AIR.....	1	*I
	RM52LHTA-51A1- 82	• NUT PLATE, NI.....	4	*I
- 19	640205-3	• COVER, BOX ASSY.....	1	*I
- 20	640009	• SPACER.....	2	*I
- 21	640012	• INLET ASSY.....	1	*I
- 22	AN526-632R8	• @ SCREW.....	4	*I
	AN960-6	• @ WASHER.....	4	*I
	AN365-632	• @ NUT.....	4	*I
- 23	640010	• DOOR, SLIDING.....	1	*I
- 24	653-032-12	CONTROL, CABIN AIR.....	1	*I
- 25	D-222	@ STOP, WIRE.....	3	*I
	AN515-8R6	@ SCREW.....	3	*I
	AN340-852	@ NUT.....	3	*I
- 26	640206-11	DUCT ASSY, CABIN AIR INTERIOR.....	1	*I
- 27	640213	@ BRACKET.....	1	*I
	AN520C-6R5	@ SCREW.....	2	*I
- 28	640207	• PIN, GATE.....	2	*I
- 29	640206-7	• GATE, DUCT.....	2	*I
- 30	AN515-2-4	• @ SCREW.....	4	*I
- 31	AN940-316	• @ WASHER.....	6	*I
	35G2-10-17	• @ WASHER.....	2	*I
- 32	S6844-605	• KNOB, BUSHING.....	2	*I
- 33	AN565C8-4	• @ SCREW, SET.....	2	*I
- 34	640208	• VALVE ASSY, CABIN AIR LOUVRE.....	1	*I
	640208-7	• • CASE, VALVE ASSY.....	1	*I



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
57- 35	640210	• • SHAFT.....	2	*I
	640210-501	• • SHAFT.....	1	*I
	AN960-10L	• • a WASHER.....	2	*I
	LC-038D-3	• • a SPRING.....	1	*I
- 36	S6844-605	• • KNOB, BUSHING.....	1	*I
	AN565C8-4	• • a SCREW, SET.....	1	*I
- 37	640208-9	• • SHUTTER.....	3	*I
- 38	AN515-4-3	• • a SCREW.....	2	*I
- 39	640208-3	• • ARM, SHAFT.....	3	*I
- 40	640208-5	• • LINK.....	1	*I
- 41	AN392-11	• • a PIN.....	3	*I
- 42	3502-05-16	• • a WASHER, SPRING.....	3	*I
- 43	AN960-4	• • a WASHER.....	9	*I
- 44	AN381-2-5	• • a PIN, COTTER.....	3	*I
- 45	640040-503	SCOOP ASSY, AIR INTAKE.....	1	*I
- 46	310104-1	PLATE, DEFROSTER, LH.....	1	*I
- 47	310104-2	PLATE, DEFROSTER, RH.....	1	*I
- 48	912007-521	DUCT.....	1	F
- 49	QS100-M12	a CLAMP.....	2	F
- 50	912007-509	DUCT.....	1	*I
- 51	QS100-M40S	a CLAMP.....	2	*I
- 52	760016-505	DUCT.....	1	*I
- 53	QS100-M40S	a CLAMP.....	2	*I
- 54	912007-503	DUCT.....	1	*I
- 55	QS100-M40S	a CLAMP.....	2	*I
- 56	760016-507	DUCT.....	1	*I
- 57	TY-8	a TY-WRAP.....	2	*I
- 58	912007-519	DUCT.....	1	*I
- 59	TY-5	a TY-WRAP.....	2	*I
- 60	912007-505	DUCT.....	1	*I
- 61	TY-5	a TY-WRAP.....	2	*I
- 62	640001-3	DUCT.....	1	CE
- 63	QS100-36S	a CLAMP.....	1	CE
	QS100-M40S	a CLAMP, NI.....	1	CE

*I - 670001C & ON, 670001E & ON, 670001F & ON

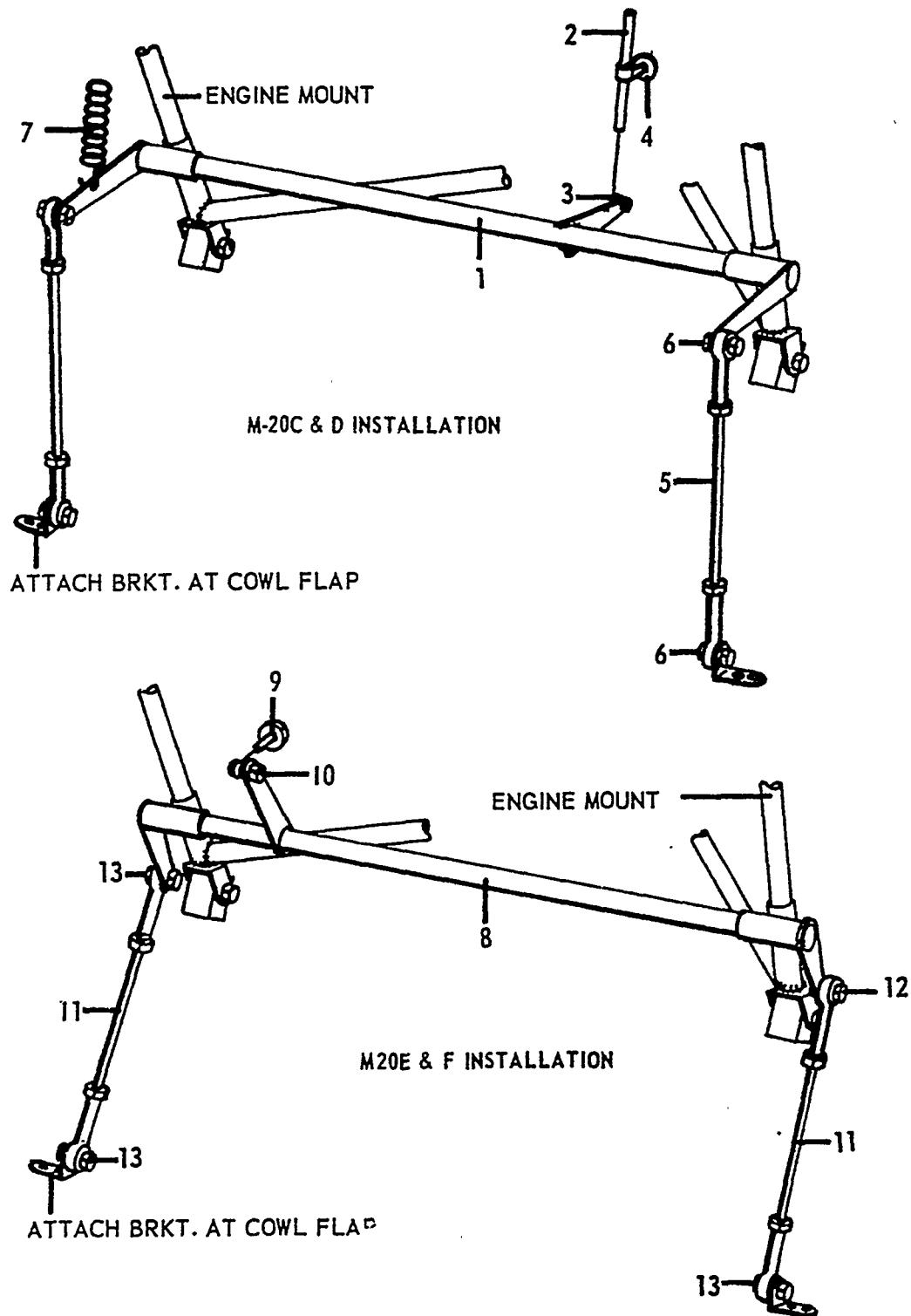


FIGURE 58. Cowl Flap Control System

MOONEY**M20 SERIES****PARTS CATALOG**

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
58- 1	650037-503	ARM ASSY, COWL FLAP CONTRUL.....	1	CD
	650037-1	• TUBE, TORQUE.....	1	CD
	650041-9	• ARM, IDLER.....	2	CD
	650041-2	• BUSHING.....	2	CD
	650036	• ARM.....	1	CD
	650040	• CLAMP ASSY, LH.....	1	CD
	650038	• CLAMP ASSY, RH.....	1	CD
	AN3-5A	• @ BOLT.....	2	CD
	AN960-10	• @ WASHER.....	2	CD
	AN365-1032	• @ NUT.....	2	CD
- 2	21-006-91	CONTROL, COWL FLAP.....	1	CD
- 3	914038-5	@ BOLT.....	1	CD
	914037-3	@ BUSHING.....	1	CD
	AN960-416	@ WASHER.....	1	CD
	AN960-10	@ WASHER.....	1	CD
	AN320-3	@ NUT.....	1	CD
	AN380-2-2	@ PIN, COTTER.....	1	CD
- 4	914022-2	@ BUSHING.....	1	CD
	913022	@ WASHER.....	1	CD
	AN3-10A	@ BOLT.....	1	CD
	AN960-10L	@ WASHER.....	1	CD
	AN742-4	@ CLAMP.....	1	CD
	AN970-3	@ WASHER.....	1	CD
	AN365-1032	@ NUT.....	1	CD
- 5	650039-5	TUBE ASSY, CONTROL, LH.....	1	CD
	650039-6	TUBE ASSY, CONTROL, RH.....	1	CD
	550025-7	• TUBE, LH.....	1	CD
	550025-8	• TUBE, RH.....	1	CD
	F34-14	• BEARING, ROD END.....	1	CD
	AN316-4R	• NUT.....	2	CD
- 6	AN3-7A	@ BOLT.....	4	CD
	AN960-10	@ WASHER.....	4	CD
	AN365-1032	@ NUT.....	4	CD
	AN960-10L	@ WASHER /AT UPPER ENDS/.....	2	CD
- 7	916009	SPRING.....	1	CD
	AN42-3	@ BOLT /AT FIREWALL/, NI.....	1	CD
	AN960-10L	@ WASHER /AT FIREWALL/, NI.....	1	CD
	AN365-1032	@ NUT /AT FIREWALL/, NI.....	1	CD
- 8	650037-501	ARM ASSY, COWL FLAP CONTROL.....	1	EF
	650037-9	• TUBE, TORQUE.....	1	EF
	650048-3	• ARM, IDLER.....	2	EF
	650037-2	• BUSHING, LH.....	1	EF
	650037-7	• BUSHING, RH.....	1	EF
	650036	• ARM, CONTROL ATTACH.....	1	EF
	650040	• CLAMP ASSY, LH.....	1	EF
	650038	• CLAMP ASSY, RH.....	1	EF
	AN3-5A	• @ BOLT.....	2	EF
	AN960-10L	• @ WASHER.....	2	EF
	AN365-1032	• @ NUT.....	2	EF
- 9	21-006-94	CONTROL ASSY, COWL FLAPS.....	1	EF
- 10	914038-5	@ BOLT.....	1	EF
	914037-3	@ BUSHING.....	1	EF
	AN960-416	@ WASHER.....	1	EF
	AN960-10	@ WASHER.....	1	EF
	AN320-3	@ NUT.....	1	EF
	AN380-2-2	@ PIN, COTTER.....	1	EF
- 11	650039-5	ROD ASSY, CONTROL, LH.....	1	EF



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
58- 11	650039-7	ROD ASSY, CONTROL, RH.....	1	EF
	550025-7	• ROD, LH.....	1	EF
	550025-9	• ROD, RH.....	1	EF
	F34-14	• BEARING, ROD END.....	2	EF
	AN316-4R	• NUT.....	2	EF
- 12	AN23-13	2 BOLT, CLEVIS.....	1	EF
	AN960-10L	2 WASHER.....	1	EF
	AN320-3	2 NUT.....	1	EF
	AN380-2-2	2 PIN, COTTER.....	1	EF
- 13	AN3-7A	2 BOLT.....	3	EF
	AN960-10L	2 WASHER.....	6	EF
	AN365-1032	2 NUT.....	3	EF

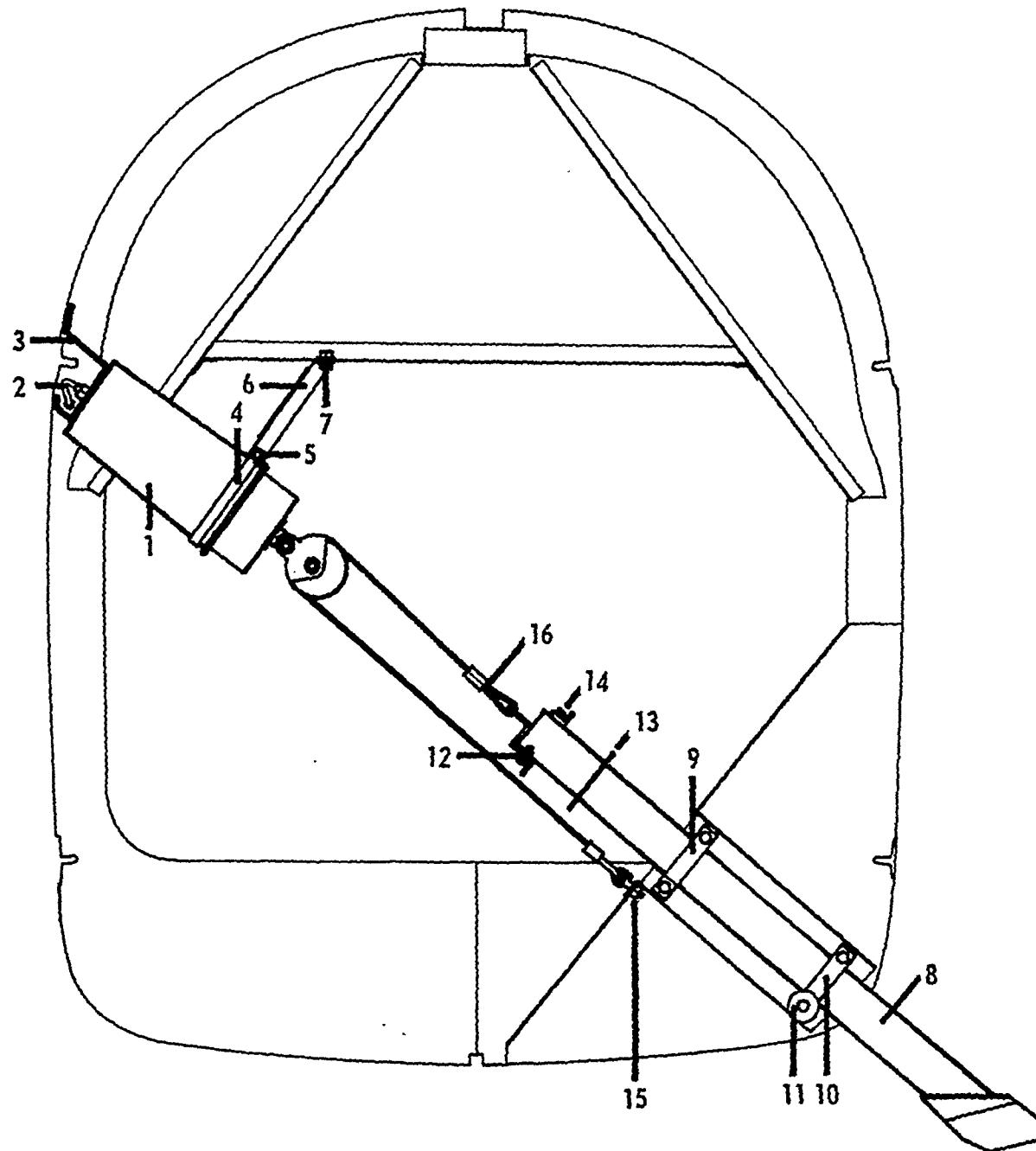


FIGURE 59. Retractable Step System



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
59- 1	4059	SERVO & PULLY ASSY, STEP.....	1	
	AN364-524	• @ NUT, NI.....	1	
	AN970-5	• @ WASHER, NI.....	2	
	5/16-24X7/8	• @ BOLT, NI.....	1	
	5/16-24	• @ NUT, JAM, NI.....	1	
	5/16-24X7/8	• @ BOLT, NI.....	1	
	AN970-5	• @ WASHER, NI.....	1	
	AN316-6	• @ NUT, NI.....	1	
	4040	• SERVO ASSY.....	1	
	1549	• • SERVO.....	1	
	1801-1	• • FITTING.....	1	
	268-P1/4X1/4	• • FITTING.....	1	
	1809-1	• • PLATE.....	1	
	1553-2	• • PISTON ASSY, NI.....	1	
	11660	• • @ PIVOT, NI.....	1	
	AN970-5	• • @ WASHER.....	1	
	AN960-D516L	• • @ WASHER.....	1	
	AN364-524	• • @ NUT.....	1	
	1550	• • PISTON, NI.....	1	
	1551	• • SEAL, NI.....	1	
	1104	• • @ DISC, NI.....	1	
	4041	• PULLY ASSY.....	1	
	1155	• • GUARD.....	1	
	1155-3	• • GUARD.....	2	
	1834	• • SPACER.....	1	
	AN210-2A	• • PULLY, NI.....	1	
	AN3-6A	• • BOLT, NI.....	1	
	AN960-D10	• • WASHER, NI.....	2	
	AN365-1032	• • NUT, NI.....	1	
- 2	840037-9	• TUBE.....	1	CDE
	840037-11	• TUBE.....	1	F
	#269-P	• ELBOW /AT DIRECTIONAL GYRO/.....	1	CDE
	#223-P	• ELBOW /AT DIRECTIONAL GYRO/.....	1	F
- 3	840036	• BRACKET.....	1	CEF
	840039	• BRACKET.....	1	D
- 4	737-66-2-8	• CLAMP.....	1	
- 5	AN3-3	• @ BOLT.....	1	
	AN960-10	• @ WASHER.....	1	
	AN365-1032	• @ NUT.....	1	
- 6	840040	• SUPPORT.....	1	CEF
	840041	• SUPPORT.....	1	D
- 7	AN3-3	• @ BOLT, NI.....	1	
	AN960-10	• @ WASHER, NI.....	1	
	AN365-1032	• @ NUT, NI.....	1	
- 8	840005	STEP ASSY.....	1	
	840025	• TREAD.....	1	
	#4X3/8	• @ SCREW.....	1	
	A1890-4Z-1	• @ SPEED NUT.....	1	
	840008	• FAIRING, STEP, NI.....	1	
	#4X3/8	• @ SCREW, NI.....	5	
	A6187-4Z-1	• @ SPEED NUT.....	5	
	AN960-4	• @ WASHER, NI.....	AR	
	#4X1/2	• @ SCREW.....	1	
- 9	840006	• BLOCK, BEARING.....	2	
	AN4-25A	• @ BOLT, NI.....	2	
	AN960-416L	• @ WASHER, NI.....	2	
	AN960-416	• @ WASHER.....	2	



FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
59- 9	AN365-428	. a NUT.....	2	
- 10	840006	. BLOCK, BEARING.....	2	
	AN4-25A	. a BOLT, NI.....	1	
	AN960-416	. a WASHER, NI.....	1	
	AN960-416L	. a WASHER, NI.....	1	
	AN365-428	. a NUT, NI.....	1	
- 11	SH8G28	. SPRING, WINDING, NI.....	1	
	914020-22	. BUSHING, NI.....	1	
	B610	. BEARING, NI.....	1	
	AN4-34A	. a BOLT, NI.....	1	
	AN970-4	. a WASHER, NI.....	2	
	AN960-416	. a WASHER, NI.....	2	
	AN365-428	. a NUT, NI.....	1	
- 12	840037-3	. PLATE, SPRING ATTACH, NI.....	1	
	840038	. BRACKET, DOWN STOP.....	1	
	AN3-3A	. a BOLT, NI.....	2	
	AN960-10L	. a WASHER, NI.....	2	
	AN365-1032	. a NUT, NI.....	2	
	AN3-3A	. a BOLT, SPRING ATTACH, NI.....	1	
	AN960-10L	. a WASHER, NI.....	2	
	AN365-1032	. a NUT, NI.....	1	
- 13	840033	. PAD, SHOCK ABSORBER.....	1	
- 14	840010-1	. CLIP, NI.....	1	
	AN3-3A	. a BOLT, NI.....	2	
	AN960-10	. a WASHER, NI.....	2	
	AN365-1032	. a NUT, NI.....	2	
- 15	AN42-3A	. BOLT, EYE.....	1	
	AN960-10	. WASHER, NI.....	1	
	AN365-1032	. NUT, NI.....	1	
- 16	1/16-7X7	. CABLE.....	1	
	AN100-3	. a THIMBLE, NI.....	2	
	1/16	. a SLEEVE, NI.....	2	

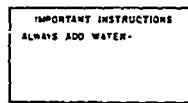
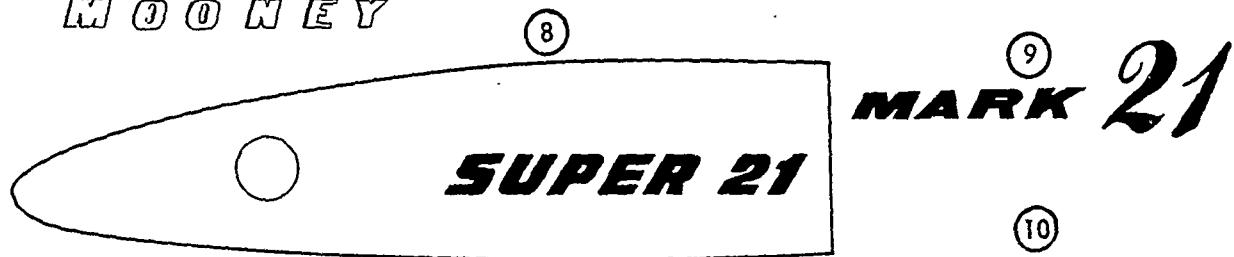
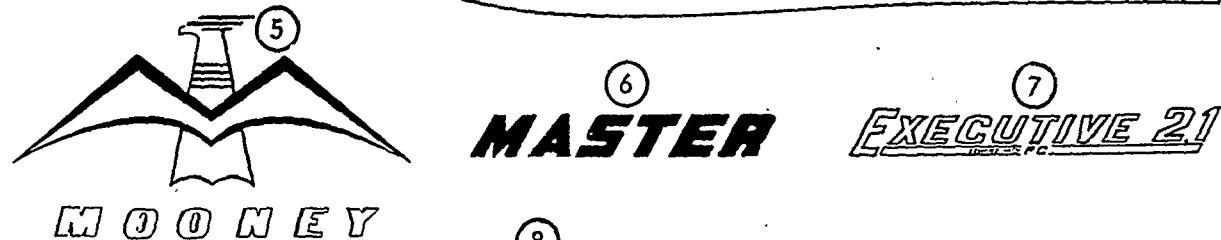
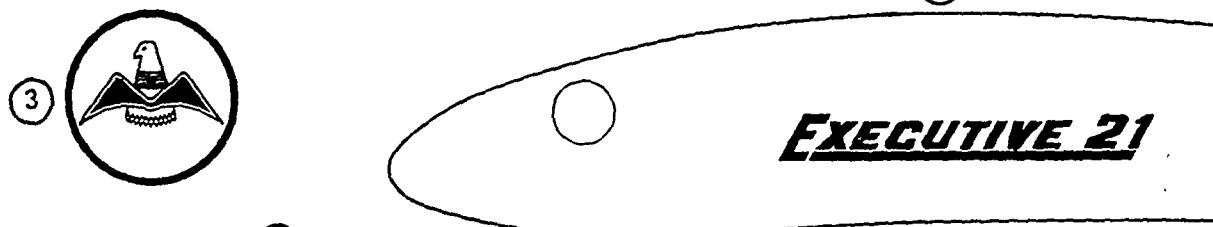
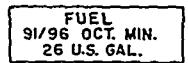
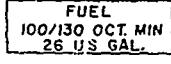
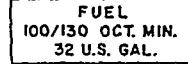
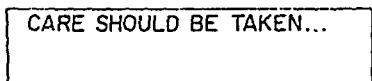
MOONEY**M20 SERIES****PARTS CATALOG****TIRE PRESSURE 30 LBS.****TIRE PRESSURE 49 LBS.****HOIST POINT****DO NOT PUSH****NO STEP**

FIGURE 60. Exterior Placards & Decals

MOONEY**M20 SERIES****PARTS CATALOG**

FIGURE & INDEX NOS.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	EFFEC.
60- 1	120004-1	DECAL, WING TIP, LH.....	1	*I
	120004-503	DECAL, WING TIP, LH.....	1	*II
	120004-2	DECAL, WING TIP, RH.....	1	*I
	120004-504	DECAL, WING TIP, RH.....	1	*II
- 2	120010	DECAL, POSITIVE CONTROL EQUIPPED.....	2	*III
	120010-501	DECAL, POSITIVE CONTROL EQUIPPED.....	2	*IV
- 3	130054	DECAL, ROUND INSIGNIA.....	2	*V
	130054-501	DECAL, ROUND INSIGNIA.....	2	*VI
	130054-503	DECAL, ROUND INSIGNIA.....	2	*VII
- 4	120023-1	DECAL, WING TIP, LH.....	1	*VIII
	120023-2	DECAL, WING TIP, RH.....	1	*VIII
- 5	120003-5	DECAL, VERTICAL STABILIZER, LH.....	1	*V
	120003-6	DECAL, VERTICAL STABILIZER, RH.....	1	*V
	120003-5	DECAL, VERTICAL STABILIZER.....	1	*VI
- 6	120008	DECAL, COWLING.....	2	D
- 7	120023-501	DECAL, COWLING.....	2	*VIII
- 8	120006-1	DECAL, WING TIP, LH.....	1	*I
	120006-503	DECAL, WING TIP, LH.....	1	*II
	120006-2	DECAL, WING TIP, RH.....	1	*I
	120006-504	DECAL, WING TIP, RH.....	1	*II
- 9	120004-501	DECAL, COWLING.....	2	*IX
	120004-505	DECAL, COWLING.....	2	*X
- 10	120006-501	DECAL, COWLING.....	2	*I
	120006-507	DECAL, COWLING.....	2	*II
- 11	150010-13	DECAL, BATTERY BOX.....	1	CEF
- 12	150010-97	DECAL, TIRE PRESSURE.....	1	F
- 13	150010-45	DECAL, FUEL CAP.....	2	*XI
	150010-95	DECAL, FUEL CAP.....	2	*XII
- 14	150010-5	DECAL, TIRE PRESSURE.....	3	*XIII
	150010-87	DECAL, TIRE PRESSURE.....	3	*XIV
	150010-87	DECAL, TIRE PRESSURE.....	2	F
- 15	150010-79	DECAL, FUEL CAP.....	2	*VIII
- 16	150010-43	DECAL, FUEL CAP.....	2	*XV
	150010-93	DECAL, FUEL CAP.....	2	*X
- 17	150010-1	DECAL, RUDDER.....	2	*XVI
	150010-31	DECAL, RUDDER.....	2	*XII
	150010-85	DECAL, RUDDER & ELEVATOR.....	4	*VII
- 18	150010-29	DECAL, WHEEL WELL.....	1	
- 19	150010-51	DECAL, BATTERY LID.....	1	EF
- 20	150010-9	DECAL, WING.....	2	*XIII
	150010-91	DECAL, WING.....	2	*XVIII
- 21	150010-7	DECAL, WING.....	6	*XIII
	150010-89	DECAL, WING.....	6	*XVIII
*I- 470-831E, 670001E & ON				
*II- 832E-1308E				
*III- 2967C-3184C, 631E-831E				
*IV- 3185C & ON, 832E & ON				
*V- 2707C-3184C, 252D-259D, 470E-831E				
*VI- 3185C-3466C, 260D, 832E-1308E				
*VII- 670001C & ON, 670001D & ON, 670001E & ON, 670001F & ON				
*IX- 2807C-3466C				
*X- 670001E, & ON				
*XI- 2807C-3466C, 252D & ON				
*XII- 670001C & ON				
*XIII- 2807C-3466C, 252D & ON, 470E-1308E				
*XIV- 670001C & ON, 670001E & ON				
*XV- 470E-1308E				
*XVI- 2807C-3466C, 470E-1308E				
*XVII- 252D & ON				
*XVIII- 670001C & ON, 670001E & ON, 670001F & ON				



82B-34923	PAINT, YELLOW ENAMEL	EXTERIOR	*I
82B-34924	PAINT, BLUE ENAMEL	EXTERIOR	*I
82B-34925	PAINT, RED ENAMEL	EXTERIOR	*I
82B-34929	PAINT, SIERRA GOLD ENAMEL	EXTERIOR	*I
82B-37781	PAINT, GREY ENAMEL	EXTERIOR	*II
82B-37778	PAINT, RED ENAMEL	EXTERIOR	*II
82B-37780	PAINT, BLUE/GREEN ENAMEL	EXTERIOR	*III
82B-37775	PAINT, BRILLIANT BLUE ENAMEL	EXTERIOR	*IV
82B-37776	PAINT, BRILLIANT GREEN ENAMEL	EXTERIOR	*IV
82B-34925	PAINT, POPPY RED ENAMEL	EXTERIOR	*V
82B-39276	PAINT, BRITE ROSE ENAMEL	EXTERIOR	*V
82B-39283	PAINT, BRITE ORANGE ENAMEL	EXTERIOR	*V
82B-39295	PAINT, GOLD ENAMEL	EXTERIOR	*V
PX114A-34925	PAINT, RED ENAMEL	EXTERIOR	*VI
PX114A-39283	PAINT, BRITE ORANGE ENAMEL	EXTERIOR	*VI
PX114A-39295	PAINT, GOLD ENAMEL	EXTERIOR	*VI
PX114A-37775	PAINT, BRILLIANT BLUE ENAMEL	EXTERIOR	*VI
PX114A-37781	PAINT, GREY ENAMEL	EXTERIOR	*VI
82B-25414	PAINT, ERMINE WHITE ENAMEL	EXTERIOR BASE	*VII
82B-40054	PAINT, MOONEY WHITE ENAMEL	EXTERIOR BASE	*V
PX114A-40054	PAINT, MOONEY WHITE ENAMEL	EXTERIOR BASE	*VI
82B-37781	PAINT, GREY ENAMEL	EXTERIOR TRIM	*V
MX-11-43	PAINT, OVERCOAT ENAMEL	GENERAL EXTERIOR	
MIL-5044	PAINT, BLACK NON-SKID (WING WALK)	GENERAL EXTERIOR	
MX-144B	PAINT, BLACK TEMPORARY MARKING	--	
EX-1707	PAINT, BLACK ACID PROOF	STRUCTURE	
#23-622	PAINT, BLACK LACQUER	STRUCTURE	
MIL-D-8585A	PAINT, PRIMER (ZINC CHROMATE)	STRUCTURE	*VII
E-6889	PAINT, PRIMER (ZINC CHROMATE) (Spray Can)	STRUCTURE	*VII
EX-2106G	PAINT, PRIMER (ZINC CHROMATE) (Vinyl type)	STRUCTURE	*VII
EX-1858-A-60	PAINT, PRIMER (LIGHT GREY)	STRUCTURE	*VII
EX-7793	PAINT, PRIMER (ZINC CHROMATE)	STRUCTURE	*VI
MX-22B	PAINT, THINNER (LACQUER)	GENERAL EXTERIOR	
T-6070	PAINT, THINNER (ZINC CHROMATE)	STRUCTURE	*VII
T-8402	PAINT, THINNER (ZINC CHROMATE)	STRUCTURE	*VI
#4205	PAINT, LAREDO TAN LUCITE	INTERIOR TRIM	
27H-25988	PAINT, ECRU LACQUER	INTERIOR TRIM	
27H-3808	PAINT, GREY LACQUER	INTERIOR TRIM	
EX-6176	PAINT, BEIGE BAKED ENAMEL	INTERIOR TRIM	
27H-24697	PAINT, CARPET BEIGE ENAMEL	INTERIOR TRIM	
#630	TAPE, CHROME DECORATING	GENERAL EXTERIOR	
#633	TAPE, GOLD DECORATING	GENERAL EXTERIOR	

*I- 2807C-3184C; 252D-259D; 470E-831E

*II- 3185C-3466C; 260D & ON; 832E-1308E

*III- 3185C-3466C; 260D & ON

*IV- 832E-1308E

*V- 670001C, 670130C & ON; 670001E, 670065E & ON; 670001F-670242F, 670363F & ON

*VI- 670002C-670129C; 670002E-670065E; 670243F-670362F

*VII- 2807C-3466C; 252D & ON; 470E-1308E

FIGURE 61. Paint Chart

APPENDIX

SIX-TO-FOUR DIGIT CROSS-REFERENCE INDEX

MOONEY AIRCRAFT DRAWING NUMBER

NEW NO.	OLD NO.								
010000	2286	140030	3664	210031	2209	210097	2231	310008	3123
010001	8188	140031	3666	210032	2208	210098	2238	310009	3124
010002	2312	140033	3668	210033	2207	210099	2235	310010	3150
010003	3302	140034	3669	210034	2206	210100	2240	310011	3155
010004	3149	140035	7083	210035	2205	210101	2239	310012	3159
010005	8577	140036	8527	210036	2204	210102	2214	310013	3161
010006	3301	140037	8536	210037	2223	210103	2323	310014	3162
010007	8663	140038	3045	210038	2193	210104	2220	310015	3163
010008	8444	140039	3397	210039	2202	210105	2249	310016	3165
010009	8443	140062	3299	210040	2203	210106	2219	310017	3166
010010	8441	140063	3660	210041	2194	210107	2181	310018	3167
010011	8442	140064	3662	210042	2189	210108	2277	310019	3169
110000	8670	140065	3667	210043	2184	210109	2274	310020	3185
110001	8585	140066	8248	210044	2188	210110	2276	310021	3192
110002	7344	140067	3659	210045	2185	210111	2275	310022	3193
110003	7345	140068	3661	210046	2187	210112	2307	310023	3194
110004	7274	140069	8035	210047	2179	210113	2313	310024	3196
110009	8610	140070	8007	210048	2186	210114	2326	310025	3197
120000	8062	140071	3650	210049	2224	210115	7302	310026	3200
120001	8122	140072	3651	210050	2225	210116	7311	310027	3212
120002	8282	140073	3658	210051	2244	210117	7232	310028	3214
120003	8704	140074	3663	210052	2216	210118	7252	310029	3215
120004	8531	140075	3961	210053	2218	210119	7273	310030	3216
130000	8300	140076	3058	210054	2213	210120	2232	310031	3217
130001	8318	150000	8705	210055	2165	210121	2315	310032	3218
130002	8319	150001	8522	210056	2166	210122	2243	310033	3219
130025	8325	150004	6458	210057	2212	210123	2258	310034	3220
130026	8326	150011	8519	210058	2242	210124	2318	310035	3222
130027	8327	150012	8520	210059	2237	210125	2319	310036	3227
130041	8341	150013	8521	210060	2251	220000	2180	310037	3228
130042	8343	160000	8015	210061	2252	220001	2288	310038	3233
130044	8345	160001	8551	210062	2253	230000	2200	310039	3236
130054	8354	160002	8552	210063	2254	230001	2294	310040	3237
130055	8596	160003	8654	210064	2255	230002	2290	310041	3285
130056	8671	200000	8600	210065	2256	230003	2291	310042	3286
130057	8532	210000	2182	210066	2266	230004	2292	310043	3292
130058	8310	210001	2169	210067	2257	230005	2293	310044	3246
130065	8504	210002	2170	210068	2259	230006	2295	310045	3250
130066	8576	210003	2167	210069	2196	230007	2297	310046	3251
140000	3522	210004	2168	210070	2183	230008	2289	310047	3252
140001	3521	210005	2171	210071	2215	230009	2296	310048	3253
140002	3519	210006	2172	210072	2260	230010	2308	310049	3254
140003	3518	210007	2173	210073	2261	230011	2175	310050	3255
140004	3028	210008	2174	210074	2262	230012	2177	310051	3256
140005	3047	210009	2226	210075	2263	230013	2178	310052	3257
140006	3057	210010	2227	210076	2264	240000	2248	310053	3259
140007	3323	210011	2228	210077	2265	240001	2160	310054	3266
140008	3438	210012	2229	210078	2272	240002	2161	310055	3268
140009	3439	210013	2198	210079	2278	240003	2162	310056	3300
140010	3505	210014	2199	210080	2279	240004	2163	310057	3310
140011	3506	210015	2221	210081	2282	240005	2164	310058	3311
140012	3507	210016	2222	210082	2287	240006	2245	310059	3312
140013	3508	210017	2233	210083	2285	240007	2246	310060	3318
140014	3509	210018	2241	210084	2283	240008	2247	310061	3319
140015	3510	210019	2191	210085	2303	240009	2268	310062	3321
140016	3511	210020	2230	210086	2309	240010	2269	310063	3324
140017	3512	210021	2271	210087	2310	240011	2298	310064	3325
140018	3513	210022	2217	210088	2301	300000	8017	310065	3326
140019	3515	210023	2236	210089	2300	310000	3011	310066	3327
140020	3527	210024	2192	210090	2304	310001	3016	310067	3328
140021	3652.	210025	2234	210091	2280	310002	3032	310068	3329
140022	3653	210026	2195	210092	2281	310003	3037	310069	3332
140023	3654	210027	2190	210093	2284	310004	3038	310070	3333
140024	3655	210028	2201	210094	2250	310005	3039	310071	3352
140025	3656	210029	2211	210095	2270	310006	3052	310072	3353
140026	3657	210030	2210	210096	2267	310007	3053	310073	3355

NEW NO.	OLD NO.								
310074	3356	320000	3520	340067	8117	350040	3289	350120	8231
310075	3357	320001	8257	340068	8163	350041	3308	350121	3267
310076	3358	320004	3261	340069	8173	350042	3401	400000	8601
310077	3361	320005	3128	340070	8174	350043	3402	400001	8602
310078	3364	320006	3951	340071	8176	350045	3406	410000	4145
310079	3366	340000	3900	340072	8164	350046	3417	410001	4115
310080	3367	340001	3020	340073	8505	350047	3424	410002	4106
310081	3368	340002	3022	340074	8506	350048	3425	410003	4119
310082	3369	340003	3023	340075	8529	350049	3434	410004	4120
310083	3370	340004	3044	340076	8376	350050	3436	410005	4121
310084	3371	340005	3051	340077	8240	350051	3445	410006	4122
310085	3372	340006	3093	340078	8209	350052	3446	410007	4123
310086	3373	340007	3131	340079	3025	350053	3451	410008	4124
310087	3374	340008	3132	340080	7343	350054	3475	410009	4125
310088	3375	340009	3271	340081	3118	350055	3910	410010	4126
310089	3376	340010	3272	340087	3939	350056	3912	410011	4127
310090	3377	340011	3274	340088	3941	350057	3913	410012	4128
310091	3378	340012	3275	340089	3942	350058	3914	410013	4129
310092	3379	340013	3276	340090	3964	350059	3915	410014	4130
310093	3380	340014	3277	340091	3965	350060	3916	410015	4131
310094	3381	340015	3278	340092	3966	350061	3917	410016	4136
310095	3382	340016	3279	340093	3972	350062	3918	410017	4138
310096	3384	340017	3280	340094	3129	350063	3919	410018	4139
310097	3385	340018	3283	340095	3130	350064	3920	410019	4146
310098	3388	340019	3331	340097	3940	350065	3921	410020	4147
310099	3389	340020	3347	340098	3034	350066	3922	410021	4148
310100	3390	340021	3348	340099	3937	350067	3923	410022	4149
310101	3528	340022	3349	340100	3938	350068	3924	410023	4150
310102	3394	340023	3455	340101	3936	350069	3925	410024	4153
310103	3396	340024	3456	340102	3042	350070	3926	410025	4154
310104	3413	340025	3488	340103	3949	350071	3927	410026	4156
310105	3414	340026	3525	350000	3911	350072	3928	410027	4172
310106	3415	340027	3526	350001	3031	350073	3929	410028	4173
310107	3416	340028	3531	350002	3036	350074	3930	410029	4178
310108	3418	340029	3606	350003	3041	350075	3931	410030	4179
310109	3422	340030	3611	350004	3050	350076	3932	410031	4192
310110	3437	340031	3612	350005	3060	350077	3934	410032	4193
310111	3483	340032	3613	350006	3061	350078	3935	410033	4194
310112	3486	340033	3614	350007	3062	350079	3943	410034	4199
310113	3494	340034	3901	350008	3064	350080	3945	410035	4202
310114	3429	340035	3902	350009	3065	350081	3948	410036	4203
310115	3530	340036	3903	350010	3066	350082	3950	410037	4205
310116	3543	340037	3904	350011	3067	350083	3960	410038	4211
310117	3953	340038	3905	350012	3068	350084	3980	420000	4102
310118	3955	340039	3906	350013	3069	350085	3986	430000	4103
310119	3956	340040	3907	350014	3070	350086	3485	430001	4152
310120	3957	340041	3954	350015	3071	350087	3498	430002	4157
310121	3958	340042	3968	350016	3072	350088	3334	430003	4162
310122	3959	340043	3969	350017	3073	350089	3335	430004	4164
310123	3973	340044	3970	350018	3074	350090	3336	430005	4165
310124	3974	340045	3971	350019	3075	350091	3337	430006	4166
310125	3975	340046	3987	350020	3076	350092	3338	430007	4167
310126	3976	340047	3989	350021	3077	350093	3341	430008	4168
310127	3977	340048	3993	350022	3078	350094	3342	430009	4170
310128	3978	340049	3998	350023	3079	350095	3345	430010	4185
310129	3979	340050	3999	350024	3082	350096	3365	430011	4188
310130	3981	340051	3994	350025	3083	350097	4175	430012	4189
310131	3982	340052	3500	350026	3099	350098	4176	430013	4195
310132	3984	340053	3501	350027	3100	350100	8535	430014	4196
310133	3988	340054	3502	350028	3101	350101	8258	430015	4197
310134	3990	340055	3503	350029	3104	350102	8273	430016	4204
310135	3991	340056	3504	350030	3106	350103	8274	430017	4180
310136	3992	340057	3391	350031	3108	350104	8275	440000	4107
310137	3995	340058	4012	350032	3110	350105	8276	440001	4108
310138	3996	340059	7061	350033	3111	350106	8277	440002	4109
310139	3997	340060	7062	350034	3112	350107	8284	440003	4110
310140	3524	340061	7047	350035	3113	350108	8285	440004	4111
310149	3359	340062	7069	350036	3114	350109	8286	440005	4112
310150	3360	340063	7070	350037	3119	350110	8279	440006	4113
310151	3213	340064	7137	350038	3120	350111	8283	440007	4114
310152	3263	340065	7138	350039	6126	350112	8034	440008	4116
310153	3985	340066	8146						

NEW NO.	OLD NO.								
440009	4117	530004	5066	560028	5230	600049	6029	620005	6501
440010	4116	530005	5077	560029	5239	600050	6197	620006	6205
440011	4132	530006	5081	560030	5240	600051	6219	620007	6400
440012	4133	530007	5106	560031	5241	600052	6220	620008	6406
440013	4134	530008	5109	560034	5244	600053	6227	620011	6194
440014	4135	530009	5133	560038	5254	600054	6229	620012	6405
440015	4137	530010	5164	560039	5251	600055	6420	630000	6409
440016	4212	530011	5187	560040	5253	600056	6479	630001	6490
440017	4171	530012	5272	560041	5254	600057	6098	630002	6371
440019	4190	530013	5273	560043	5275	600058	6084	630003	6365
450000	4101	540000	5048	560044	5065	600059	6170	630004	6302
460000	4104	540001	5015	560045	5055	600060	6174	630005	6358
460001	4105	540002	5062	560046	5255	600061	6175	630006	6357
460002	4151	540003	5070	560047	5157	600062	6176	630007	6065
460003	4158	540004	5074	560048	5288	600063	6175	630008	6035
460004	4159	540005	5078	560049	5259	600064	6179	630009	6400
460005	4160	550000	8591	560050	6005	600065	6161	630010	6364
460006	4161	550001	5237	560051	5264	600066	6186	630011	6761
460007	4163	550002	5238	560000	3409	600067	5195	630012	6172
460008	4169	550003	8590	590001	3407	600068	6196	630013	6037
460009	4191	550004	8367	590002	3040	600069	6209	630014	6003
460010	4198	550005	8368	590004	3410	600070	6210	630015	6185
460011	4206	550006	8053	600000	6000	600071	6211	630016	6184
460012	4181	550007	8651	600001	6010	600072	6213	630017	6187
470000	3175	550008	8051	600002	6005	600073	6229	630018	6303
470001	3290	550009	8052	500003	6004	600074	6231	640000	6485
470002	3933	550010	8054	600004	6008	600075	6235	640001	6484
480000	4100	550011	8058	600005	6021	600076	6245	640002	6461
480001	4174	550012	8059	600006	6034	600077	6260	640003	3287
480002	4182	550013	8075	600007	6076	600078	6372	640004	6047
480003	4155	550014	8110	600008	6077	600079	6374	640005	8079
500000	8603	550015	8111	600009	6078	600080	6363	640006	8042
510000	5003	550016	8128	600010	6079	600081	6384	640007	8043
510001	5004	550017	8124	600011	6080	600082	6385	640008	8044
510002	5005	550019	8125	600012	6081	600083	6397	640009	8046
510003	5006	550020	8126	600013	5052	600084	6413	640010	8047
510004	5266	550021	8129	600014	6093	600085	6496	640011	8080
510005	5014	550022	8130	600015	6088	600086	6457	640012	8081
510006	5267	550023	8131	600016	6090	600087	8262	640013	8082
510007	5019	550024	8133	600017	6091	600088	6715	640014	8083
510008	5021	550025	8134	600018	6092	600089	6722	640015	8098
510009	5022	550026	8149	600019	6093	600090	6128	640016	8107
510010	5023	550027	8526	600020	6094	600091	6048	640017	8121
510011	5026	560000	5252	600021	6095	600092	6058	640018	8189
510012	5027	560001	5009	600022	6096	600093	6059	640019	8190
510013	5028	560002	5033	600023	6097	600094	6075	640020	8191
510014	5029	560003	5034	600024	6100	610004	6132	640021	8192
510015	5030	560004	5038	600025	6101	610005	6152	640022	8193
510016	5258	560005	5039	600026	6103	610006	610	640023	8194
510017	5259	560006	5040	600027	6104	610007	6463	640024	8195
510018	5049	560007	5041	600028	6105	610008	6465	640025	8148
510019	5051	560008	5047	600029	6107	610009	6466	640026	8200
510020	5058	560009	5056	600030	6108	610010	6468	640027	8201
510021	5067	560010	5057	600031	6110	610011	6414	640028	8202
510022	5080	560011	5059	600032	6112	610012	8614	640029	8203
510023	5083	560012	5092	600033	6113	610018	6049	640030	8204
510024	5084	560013	5099	600034	6114	610019	6050	640031	8252
510025	5093	560014	5169	600035	6190	610020	6119	640032	8253
510026	5100	560015	5170	600036	6225	610021	6121	640033	8354
510027	5131	560016	5182	600037	6239	610022	6131	640034	8255
510029	5186	560017	5183	600038	6241	610023	6446	640035	8377
520000	5257	560018	5225	600039	6242	610024	6447	640036	8539
520001	5071	560019	5226	600040	6243	610025	6459	640037	3288
520002	5018	560020	5227	600041	6246	610026	6122	640038	6504
520003	5013	560021	5228	600042	6249	610027	6452	640043	8048
520004	5031	560022	5229	600043	6415	610028	6073	640044	6257
520005	5256	560023	5230	600044	6416	620000	6225	650000	6001
530000	5012	560024	5231	600045	6417	620001	6382	650001	6009
530001	5010	560025	5232	600046	6418	620002	6407	650002	6014
530002	5017	560026	5233	600047	6467	620003	6491	650003	6015
530003	5032	560027	5234	600048	6052	620004	6492	650004	6044

NEW NO.	OLD NO.								
650005	6039	660037	6167	740014	7331	750021	7238	820017	8515
650006	6041	660038	6163	740015	7333	750022	7099	820018	8517
650007	6136	660039	6054	740016	7336	750023	7098	820019	8660
650008	6146	660040	8235	740017	7337	750024	7097	820020	8668
650009	6147	660041	6248	740018	7278	750025	7092	820021	8688
650010	6148	660042	6164	740019	7279	750026	7079	820022	8687
650011	6481	660043	6253	740020	7298	750027	7078	820023	8393
650012	6482	700000	7342	740021	7217	750028	7077	820024	8689
650013	6380	700001	7256	740022	7214	750029	7074	820025	8690
650014	6381	710000	7247	740023	7208	750030	7250	820026	8691
650015	6389	710001	7030	740024	7207	750031	7076	820027	8703
650016	6395	710002	7031	740025	7204	800000	8547	820028	8720
650017	6469	710003	7037	740026	7201	800001	8546	820030	8722
650018	6498	710004	7044	740027	7202	800002	8545	820031	8734
650019	6019	710005	7057	740028	7203	800003	8544	820032	8518
650020	6040	710006	7058	740029	7210	800004	8543	820039	8616
650021	6042	710007	7059	740030	7206	800005	8542	820040	8615
650022	6045	710008	7073	740031	7212	800006	8541	820041	8508
650023	6074	710009	7104	740033	7275	800007	8572	820042	8507
650024	6159	710010	7109	740034	7276	800008	8565	820043	8509
650025	6160	710011	7267	740035	7277	800009	8557	820044	8564
650026	6254	710012	7268	740036	7320	800010	8580	820045	3952
650027	6272	720000	7248	740037	7321	800011	8570	820046	8210
650028	6356	720001	7019	740038	7322	800012	8669	820047	3393
650029	6373	720002	7063	740039	7338	800013	8525	820048	6443
650030	6375	720003	7064	740040	7237	800014	8747	820049	6444
650031	6377	720004	7065	740041	7033	800015	8512	820050	6436
650032	6060	720005	7066	740042	7035	800016	8113	820051	6435
650033	6061	720006	7114	740043	7036	800017	8139	820052	6065
650034	6222	720007	7118	740044	7038	800018	8208	820053	6437
650035	6474	720008	7119	740060	7126	800019	8221	820054	6451
650036	6475	720009	7136	740061	7257	800020	8222	830000	8709
650037	6162	720010	7148	740062	7254	800021	8224	830001	8710
650038	6161	720011	7149	740063	7253	800022	8225	830002	8711
650039	6168	720012	7150	740064	7251	800023	8226	830003	8721
650040	6244	720013	7151	740065	7219	800024	8227	830004	8723
650041	6499	720014	7152	740066	7218	800025	8236	830005	8735
650042	1003	720015	7269	740067	7095	800026	8237	830006	8736
660000	6409	720016	7330	740068	7094	800027	8250	830007	8737
660001	6471	720017	7332	740069	7056	800028	6464	830008	8738
660002	6472	720018	7039	740070	7053	800029	8728	830009	8739
660003	6473	720019	7040	740071	7052	800030	8666	830010	8743
660004	6476	720020	7041	740072	7051	800031	8662	830011	8744
660005	6494	720021	7125	740073	7029	800034	8511	830012	8745
660006	6493	730000	7067	740074	7076	800035	8251	830013	8746
660007	6456	730001	7071	740075	7096	800036	8166	830014	8747
660008	6495	730002	7072	740076	7054	800037	8157	830015	8748
660009	6497	730003	7139	740077	8033	800038	8136	830016	8749
660010	6477	730004	7262	740078	7216	800039	8085	830017	8750
660011	6485	730005	7270	740079	7200	800040	8074	830018	8751
660012	6486	730006	7271	740081	7227	800041	8664	830019	8752
660013	6487	730007	7341	750000	7300	800042	8073	830020	8714
660014	6488	730008	7263	750001	7123	800043	8573	840000	8265
660015	6503	730009	7264	750002	7075	810009	8089	840001	7110
660016	6502	730010	7265	750003	7112	820000	8550	840002	8266
660020	8108	730011	7266	750004	7301	820001	8549	840003	8267
660021	8534	730012	7115	750005	7303	820002	8548	840004	8268
660022	6117	740000	7280	750006	7304	820003	8342	840005	8269
660023	6140	740001	7295	750007	7306	820004	8578	840006	8270
660024	6252	740002	7296	750008	7307	820005	8667	840007	8271
660025	6258	740003	7282	750009	7310	820006	8680	840008	8272
660026	6390	740004	7283	750010	7312	820007	8681	840009	8278
660027	6391	740005	7284	750011	7314	820008	8682	840010	8281
660028	6394	740006	7292	750012	7315	820009	8683	840011	8289
660029	6392	740007	7293	750014	7317	820010	8684	840012	8290
660031	6202	740008	7294	750015	7318	820011	8685	840013	8291
660032	6393	740009	7324	750016	7319	820012	8686	840014	8292
660033	6255	740010	7326	750017	7325	820013	8652	840015	8293
660034	6247	740011	7327	750018	8706	820014	8582	840016	8294
660035	6166	740012	7328	750019	7339	820015	8563	840017	8295
660036	6250	740013	7329	750020	7055	820016	8514	840018	8296

NEW NO.	OLD NO.								
840019	8297	913029	7020	915022	5248	950052	8766		
840020	8298	913030	7220	915023	5249	950053	8765		
840021	8299	913031	7221	915024	5263	950054	8742		
840022	8355	913032	7222	915025	7018	950055	8754		
840023	8361	913033	7223	915026	7281	950056	8759		
840024	8363	913034	7228	916000	0976	950057	8781		
840025	8364	913035	7229	916001	3665	950058	8783		
840026	8365	913036	7230	916002	5053	950066	8218		
840027	8370	913037	7233	916003	5069	950067	8567		
840028	8371	913038	7234	916004	5098	950075	8238		
840029	8372	913039	7205	916005	5255	950076	8661		
840030	8373	913040	7272	916006	6226	950077	8540		
840031	8374	913041	7226	916007	7032	950078	8533		
840032	8388	913042	8357	916008	8659				
840033	8280	913043	8106	916009	0508				
840034	8247	913044	8554	917000	5075				
850000	7021	913045	8569	917001	0986				
850001	6129	913046	8592	917002	7124				
850002	7116	913047	8584	917003	8538				
850003	7117	913048	0585	917004	8571				
850004	7121	914000	3983	917007	7105				
850005	7323	914001	4143	950000	8698				
850006	7309	914002	4144	950001	8700				
850007	7313	914003	5132	950002	8702				
850008	8369	914004	5042	950003	8707				
850009	7122	914005	5262	950004	8708				
850010	7016	914006	5260	950005	8656				
860000	8228	914007	5046	950006	8657				
911000	2176	914008	5270	950007	8693				
911001	2197	914009	5246	950008	8692				
911002	2321	914010	5247	950009	8679				
911003	3140	914011	5091	950010	8678				
911004	4140	914012	5090	950011	8677				
911005	4141	914013	7006	950012	8673				
911006	4142	914014	7239	950013	8655				
911007	4207	914015	7249	950014	8609				
911008	5261	914016	7022	950015	8676				
912000	2306	914017	7215	950016	8530				
912001	3313	914018	7311	950017	8242				
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