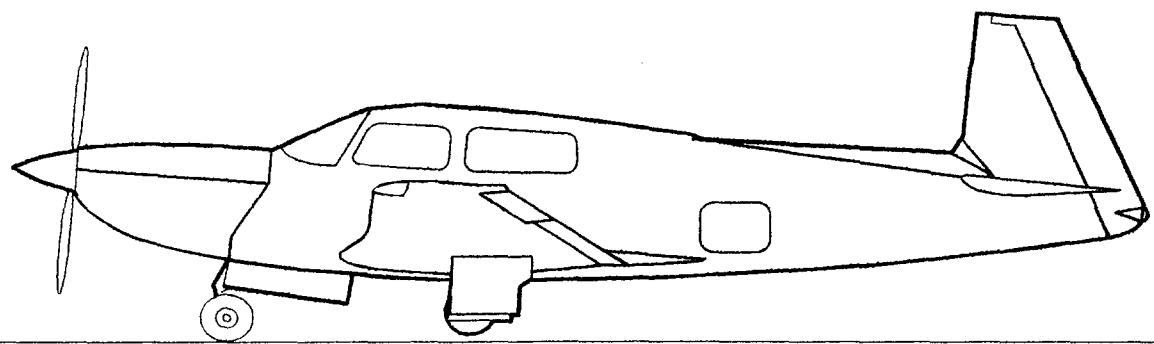


Mooney M20R & M20S

ILLUSTRATED PARTS CATALOG



MOONEY AIRCRAFT CORPORATION

LOUIS SCHREINER FIELD, KERRVILLE, TEXAS 78028

JUNE, 2000

MANUAL NUMBER 261

MOONEY AIRCRAFT CORPORATION

KERRVILLE, TEXAS

WARNING: Manufactured with 1,1,1 Trichloroethane substances which are determined to harm public health and the environment by destroying ozone in the upper atmosphere.

This warning applies to placards manufactured at Mooney Aircraft Corporation facility and installed on the Mooney Aircraft Model(s) addressed in this publication.

WARNING: Manufactured with 1,1,1 Trichloroethane substances which are determined to harm public health and the environment by destroying ozone in the upper atmosphere.

This warning applies to certain adhesives procured from vendors and utilized on the applicable Mooney Aircraft Model(s) addressed in this publication.

RECORD OF REVISIONS



**MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG**

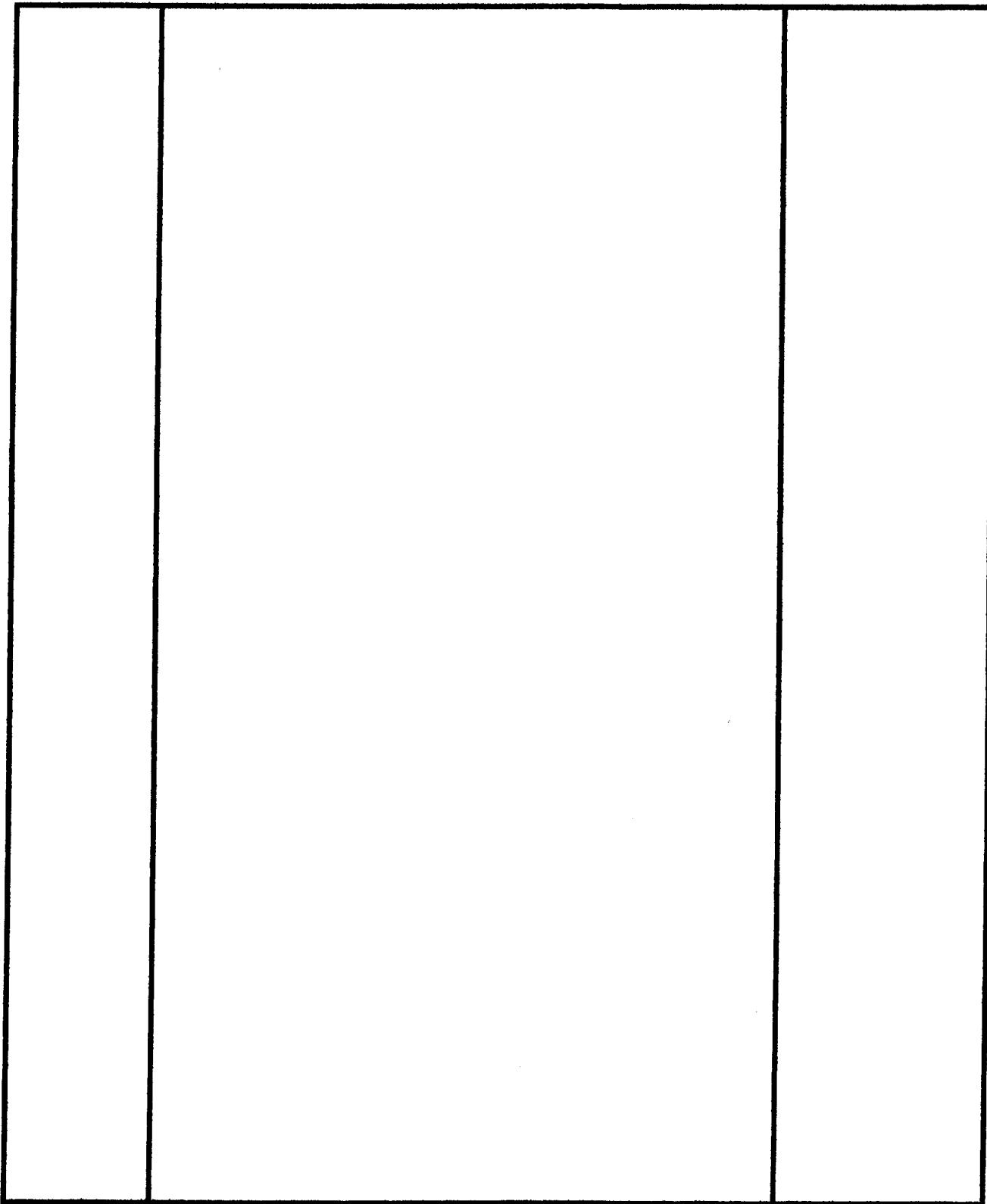
LOG OF REVISIONS

INITIAL ISSUE DATE -

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MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

LOG OF REVISIONS
INITIAL ISSUE DATE -



RECORD OF TEMPORARY REVISIONS



MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

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DATE JUNE	SECTION 2000	DATE JUNE	SECTION 2000	DATE JUNE	SECTION 2000
	00-00-00		27-50-02		39-40-00
	08-00-00		27-60-00		39-40-01
	11-10-00		27-60-01		52-10-00
	11-20-00		28-10-00		52-30-00
	11-30-00		28-20-00		
	21-40-00		30-60-00		53-10-00
	21-50-00		30-60-01		53-10-01
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	23-60-00		32-11-00		53-10-03
	24-20-00		32-11-01		53-10-04
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	25-00-02		32-30-01		53-30-00
	25-00-03		32-40-00		53-40-00
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	25-10-02		32-40-04		55-00-00
	25-10-03		33-40-00		55-10-00
	25-10-04		33-40-01		55-10-01
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	26-20-00		33-40-05		
	27-00-00		34-10-00		56-20-00
	27-10-00		35-00-00		56-20-01
	27-20-00		37-00-00		57-10-00
	27-20-01		37-00-01		57-10-01
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					57-50-01

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LIST OF EFFECTIVE PAGES

INITIAL ISSUE DATE - JUNE 2000

DATE JUNE	SECTION 2000	DATE JUNE	SECTION 2000	DATE JUNE	SECTION 2000
	61-10-00				
	71-00-00				
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	71-10-00				
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	71-12-01				
	71-12-02				
	71-13-00				
	71-13-01				
	71-13-02				
	71-20-00				
	71-60-00				
	71-60-01				
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	95-10-00				
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	95-60-00				

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

INTRODUCTION

This Illustrated Parts Catalog is designed to assist in the identification of standard replacement parts for the Mooney M20R series aircraft S/N 29-0001 thru 29-TBA and M20s series of aircraft S/N 30-0001 thru 30-TBA. This parts catalog should not be utilized for references pertaining to any other models of Mooney aircraft.

The Introduction Section should be read carefully to become familiar with the catalog arrangement and the correct procedures for ordering repair parts. A Group Assembly Index is included to help locate a particular system's text and illustration.

GROUP ASSEMBLY PARTS LISTINGS

The body of the catalog lists all standard replaceable components in the aircraft. Each illustration is accompanied by an assembly breakdown in its adjacent text listing. Those parts not listed separately are items that lose their identity through being an integral part of assemblies which would be impractical to stock other than as complete assemblies.

TO LOCATE A PART

1. When Part Number is KNOWN. - Refer to the alpha-numerical index, locate the Part No., note the FIGURE and INDEX NO. Turn to the figure number illustration or text page for desired information.
2. When Part Number is NOT KNOWN. - Refer to the GROUP ASSEMBLY INDEX in the Introduction Section of the manual. This index lists titles and page numbers of all group assembly illustrations in the catalog. Illustration INDEX NO.'s refer to INDEX NO.'s on the adjoining text pages (parts callouts). Find the area of aircraft desired, locate FIGURE NO. or PAGE NO. and turn to that illustration to locate the desired part. The PART NUMBER will be listed on the text page following the INDEX NO. shown.

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

The FIGURE and INDEX number that appears in the first left-hand column of each text page, key the text to the illustration. The number to the left of the dash is the FIGURE NUMBER. The INDEX NUMBER provides cross reference from the part numbers appearing on the text page to the iso-metric view of the part on the accompanying illustration. When one figure depicts both LEFT and RIGHT hand assemblies, or parts, the left-hand configuration is NORMALLY illustrated and the part numbers of both LEFT HAND and RIGHT HAND components are shown on the text page under the same INDEX NO. Part numbers shown on the text page without INDEX NO.'s are normally alternate parts or assemblies for which all detail parts are illustrated and indexed. 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 ordering purposes.

The PART NUMBER column identifies the item by its assembly or detail part number. This is the part number to be used when ordering any repair parts. Mooney part numbers are used in preference to vendor numbers, where possible. Replacement part numbers may differ from part number shown in this Illustrated Parts Catalog of component being replaced due to later part numbers being interchangeable in form, fit and function.

The DESCRIPTION column lists each part on the text page of the Group Assembly Part List and is indented to indicate assembly relationship. Each part is indented one column to the right of its Next Higher Assembly (NHA). When the details of an assembly are shown on a different figure, the nomenclature of the assembly is followed by a notation to locate the detail parts. For example: FIGURE 3, 210000-501, Main Spar Assembly, (SEE FIG 5). The detail parts of the Main Spar Assembly will appear in FIGURE 5. The Main Spar Assembly will be referenced (REF) at the first entry in the UNITS/ASSY column on the text page of FIGURE 5 and will cross reference the relationship to the NEXT HIGHER ASSEMBLY (NHA) using the notation, (SEE FIG 3) in the DESCRIPTION column.

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INTRODUCTION (con't.)

Attaching hardware or parts, indented with the symbol "@", are shown with the quantity required for installation of ONE UNIT of the foregoing assembly. 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.

Structural rivets are not normally identified, since they are often replaced in next larger sizes. The abbreviation "NI" designates the more significant non-illustrated items.

When detail parts of the assembly are not individually portrayed, the attaching parts follow the detail parts. Series of non-illustrated detail parts are listed by their spatial order within the assembly as follows:-forward to aft, top to bottom, inboard to outboard, 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.

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	AR	-as required	TE	-trailing edge
NHA	-next higher assy				

Normally each entry in the UNITS PER ASSEMBLY column represents the total quantity of that part or assembly as used in or for one unit of its next higher assembly. Consequently, when an entry has an indented part description ("." or "@"), its units per assembly column shows the number of items required to complete or attach one 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 M20R & M20S series aircraft. A Roman Numeral entry in the effectivity column indicates a special or limited use of that part. The EFFECTIVITIES will be shown after the text entries.

When any special reference or explanation is determined to be necessary an Arabic Numerical is shown, at the far right of the EFFECTIVITY column, to reference a NOTE printed on the last page of the text.

HOW TO ORDER PARTS

Place your order with any Mooney Service Center in your area. Parts are available only through these authorized Mooney facilities. All orders received at the factory that originate from other sources will be referred to the appropriate facility for processing. Always specify the PART NUMBER, DESCRIPTION, QUANTITY, and AIRCRAFT SERIAL NUMBER for all parts orders. Give complete shipping address information, including ZIP CODE for all orders. 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.

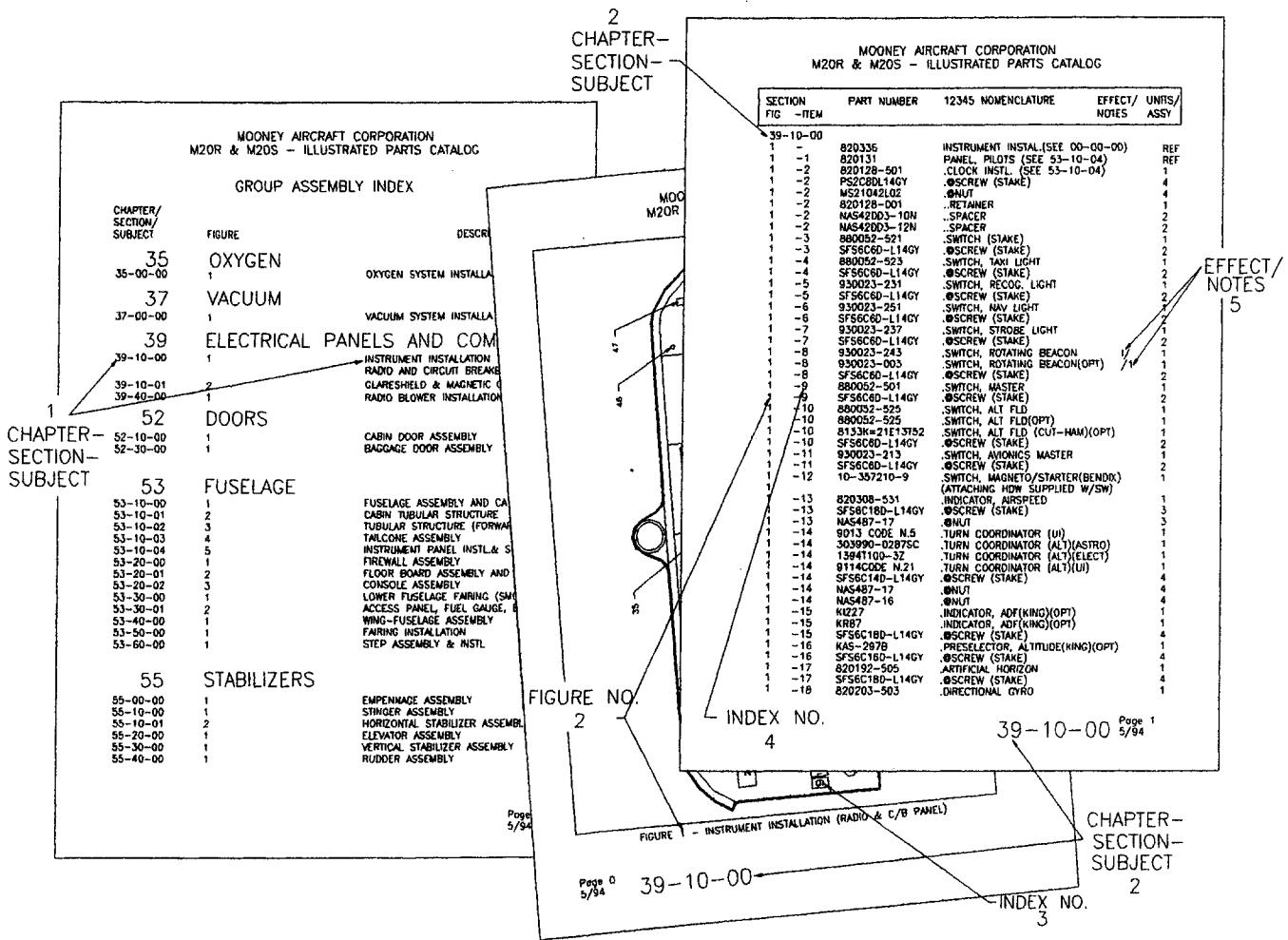
LIABILITIES

Orders are double checked before leaving the Mooney shipping department, and a packing slip is enclosed in the shipment. Claims for errors or shortages must be made, to the Mooney Service Parts Department, within three days after receipt of orders. No material should be returned without first obtaining written permission from the factory. Goods returned without notice will be held at owner's risk for thirty days and then be disposed of at the company's discretion. Transportation charges for returned goods must be prepaid or the shipment will be refused.

Mooney Aircraft Corporation 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.

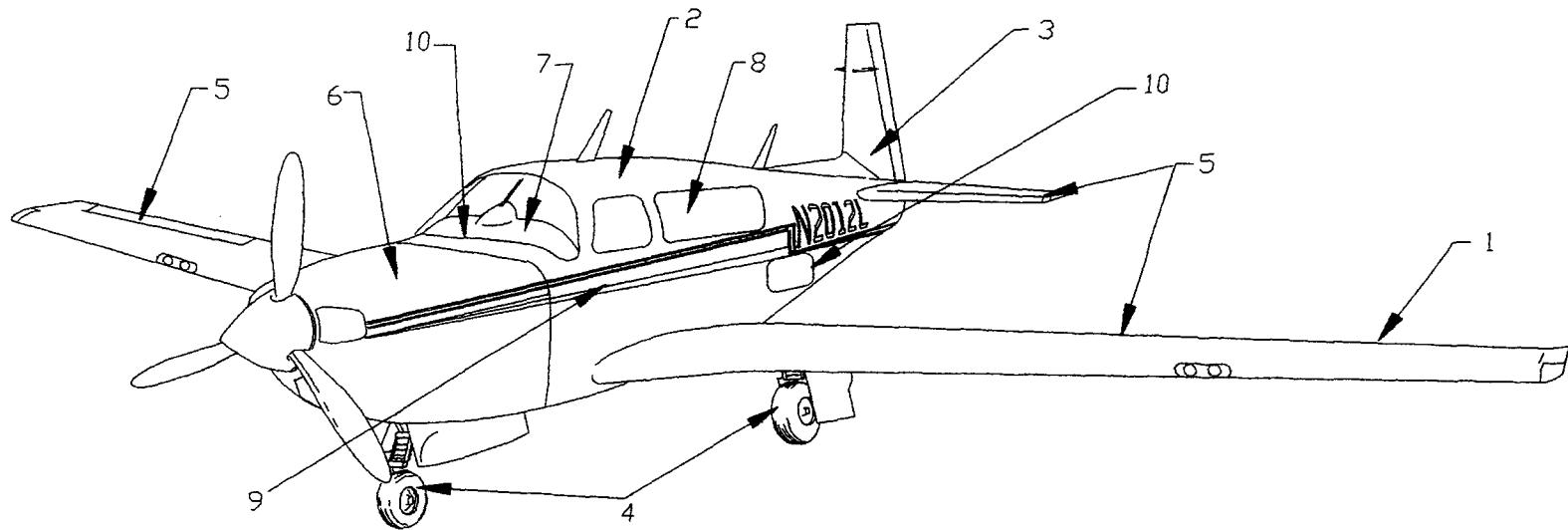
MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

HOW TO USE THE ILLUSTRATED PARTS CATALOG
- WHEN THE PART NUMBER IS NOT KNOWN -



1. Find the CHAPTER, SECTION and FIGURE number in the GROUP ASSEMBLY INDEX in which the part is most likely used.
2. Turn to CHAPTER, SECTION, FIGURE; determined in Step 1.
3. Locate the part and its INDEX NUMBER on the illustration.
4. Find the INDEX NUMBER on the Parts List to determine complete description.
5. Refer to the EFFECTIVITY or NOTES column to check for special or limited usage of parts.

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG



- | | |
|----------------------------------|---------------------------------|
| 1 - WING GROUP | 6 - POWER PLANT GROUP |
| 2 - FUSELAGE & TAILcone GROUP | 7 - MISCELLANEOUS SYSTEMS GROUP |
| 3 - EMPENNAGE GROUP | 8 - CABIN INTERIOR GROUP |
| 4 - CHASSIS GROUP | 9 - EXTERIOR TRIM GROUP |
| 5 - FLIGHT CONTROL SYSTEMS GROUP | 10 - ELECTRICAL |

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INTRODUCTION (con't.)

Mooney Aircraft Corporation reserves the right to supply substitute parts, interchangeable with the part ordered, due to design changes, later specifications, supply availability or product improvement. These substitute Part Numbers may not be listed in the IPC being used in the field, however, the substitute, new, replacing or alternate part numbers will be added to the next revision of the IPC.

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 detail 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 components. The Mooney Service and Maintenance Manual for the M20R & M20S is to be used for all airframe maintenance actions.

ALPHA-NUMERIC INDEX

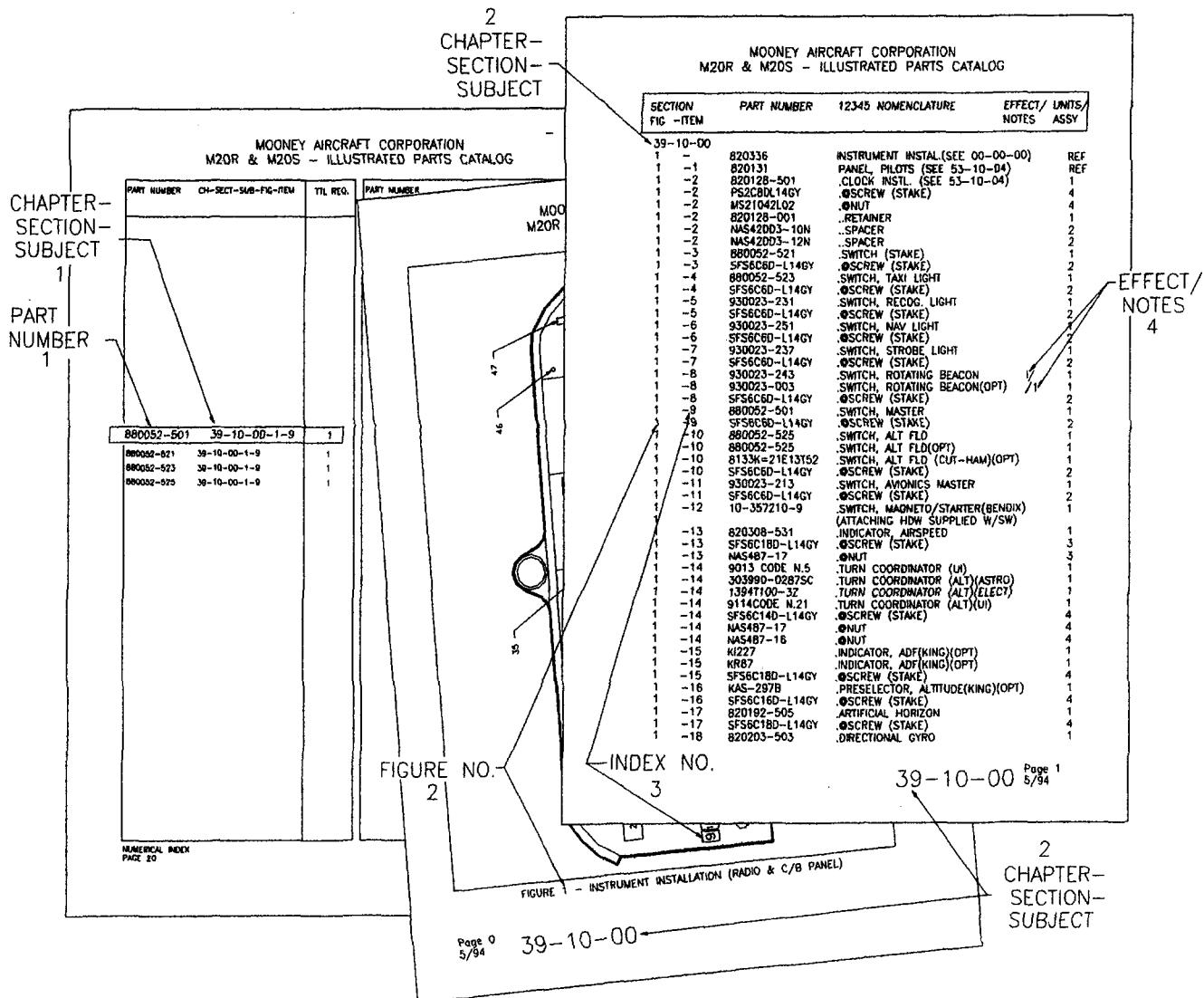
The ALPHA-NUMERIC Part Number sort order of this index may be different from other sort orders that you as a mechanic are familiar with. The sort sequence is as follows:

SPACES
DASHES
SPECIAL CHARACTERS
NUMERIC ZERO THRU 9
ALPHABETICAL A THRU Z

The Part Number is normally not repeated after its first appearance, even at the top of the next column. It should be clear that the listings for a Part Number continue until another Part Number is listed. In some cases the Part Number will be repeated in the first column at the beginning of a new page.

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

HOW TO USE THE ILLUSTRATED PARTS CATALOG
- WHEN THE PART NUMBER IS KNOWN -



- Find **PART NUMBER** in the alpha-numerical index. Note the **CHAPTER**, **SECTION**, **FIGURE** AND **INDEX NUMBER** assigned to the **PART NUMBER**.
- Turn to the **CHAPTER**, **SECTION**, **FIGURE NUMBER** indicated and locate the **INDEX NUMBER** referenced in the Numerical Index.
- If a pictorial representation of the part, or its location is desired refer to the same **INDEX NUMBER** on the accompanying illustration.
- Refer to the **EFFECTIVITY** or **NOTES** column to check for special or limited usage of parts.

**MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG**

GROUP ASSEMBLY INDEX

CHAPTER/ SECTION/ SUBJECT	FIGURE.....	DESCRIPTION
00 00-00-00	GENERAL ARRANGEMENT	
	1.....	GENERAL ASSEMBLY
08 08-00-00	WEIGHING	
	1.....	CHARLIE WEIGHT INSTALLATION
11 11-10-00 11-20-00 11-30-00	PLACARDS AND MARKINGS (PAINT)	
	1.....	EXTERIOR AND INTERIOR TRIM
	1.....	DECALS & PLACARDS INSTL, EXTERIOR
	1.....	DECALS & PLACARDS INSTL, INTERIOR
21 21-40-00 21-50-00 21-60-00	ENVIRONMENTAL SYSTEMS	
	1.....	CABIN AIR AND HEATING SYSTEM
	1.....	AIR CONDITIONING SYSTEM INSTALLATION
	1.....	OVERHEAD DUCT & VENT SYSTEM
23 23-60-00	COMMUNICATIONS	
	1.....	STATIC DISCHARGE INSTALLATION
24 24-20-00 24-40-00	ELECTRICAL POWER	
	1.....	BATTERY COMPARTMENT, COMPONENTS, MASTER RELAY INSTALLATION
	1.....	AUXILIARY POWER RECEPTACLE & CABLE
25 25-00-00 25-00-01 25-00-02 25-10-00 25-10-01 25-20-00 25-20-01 25-20-02	SEATS/INTERIOR	
	1.....	INTERIOR DESIGN AND INSTALLATION
	2.....	SEAT COVER & PADDING INSTALLATION
	3.....	HEAD REST ASSEMBLY
	1.....	PILOT/CO-PILOT SEAT INSTALLATION
	2.....	ARM REST INSTALLATION
	1.....	INSULATION & SOUNDPROOFING INSTL
	2.....	REAR SEAT ASSEMBLY
	3.....	REAR BENCH SEAT INSTALLATION (OPT)
26 26-20-00	FIRE PROTECTION	
	1.....	FIRE EXTINGUISHER INSTALLATION

**MOONEY AIRCRAFT CORPORATION
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GROUP ASSEMBLY INDEX

**CHAPTER/
SECTION/
SUBJECT**

	FIGURE.....	DESCRIPTION
--	--------------------	--------------------

27

27-00-00	FLIGHT CONTROLS	
27-10-00	1.....	CONTROL WHEEL ASSEMBLY, PILOT/CO-PILOT
27-20-00	1.....	AILERON & ELEVATOR CONTROL SYSTEM(FWD)
27-20-01	1.....	RUDDER, BRAKE, NOSE WHEEL STEERING SYS
27-30-00	2.....	RUDDER/BRAKE PEDAL EXTENSION
27-40-00	1.....	ELEVATOR CONTROL SYSTEM (AFT)
27-40-01	1.....	STABILIZER TRIM CONTROL SYSTEM (FWD)
27-40-02	2.....	STABILIZER TRIM CONTROL SYSTEM (AFT)
27-40-03	3.....	TRIM INDICATOR ASSEMBLY & INSTL
27-50-00	4.....	RUDDER TRIM ASSEMBLY & INSTALLATION
27-50-01	1.....	FLAP ACTUATOR ASSEMBLY & INSTALLATION
27-60-00	2.....	FLAP INDICATOR ASSEMBLY & INSTALLATION
	1.....	SPEED BRAKE INSTALLATION, ELECTRIC

28

28-10-00	FUEL	
28-20-00	1.....	EXTERNAL FUEL GAUGE ASSEMBLY
	1.....	FUEL SYSTEM INSTALLATION

30

30-60-00	ICE AND RAIN PROTECTION	
30-60-01	1.....	PROPELLER DE-ICE INSTALLATION
	2.....	AIRFRAME DE-ICE INSTALLATION (TKS)

32

32-10-00	LANDING GEAR	
32-11-00	1.....	MAIN LANDING GEAR ASSEMBLY
32-20-00	1.....	MAIN LANDING GEAR DOOR ASSEMBLY
32-21-00	1.....	NOSE LANDING GEAR ASSEMBLY
32-30-00	1.....	NOSE LANDING GEAR DOOR ASSEMBLY
32-30-01	2.....	RETRACTION SYSTEM, LANDING GEAR
	2.....	EMERGENCY RETRACTION SYSTEM AND ACTUATOR INSTALLATION
32-40-00	1.....	WHEEL & TIRE ASSEMBLY, MAIN & NOSE
32-40-01	2.....	HYDRAULIC BRAKE SYSTEM
32-40-02	3.....	DUAL BRAKE INSTALLATION

33

33-40-00	LIGHTS	
33-40-01	1.....	LIGHT ASSEMBLIES/SYSTEMS, EXTERNAL
33-40-02	2.....	LANDING LIGHT INSTAL, WING MOUNTED
33-40-03	3.....	LIGHT INSTALLATION, RECOGNITION
33-40-04	4.....	BEACON INSTALLATION, FLASHING
33-40-05	5.....	BEACON INSTALLATION, ROTATING
	6.....	LIGHT ASSEMBLY & INSTALLATION, PULSE

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34-10-00	NAVIGATION	
	1.....	PITOT/STATIC SYSTEM INSTALLATION

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GROUP ASSEMBLY INDEX

CHAPTER/ SECTION/ SUBJECT	FIGURE.....	DESCRIPTION
35	OXYGEN	
35-00-00	1.....	OXYGEN SYSTEM INSTALLATION
37	VACUUM	
37-00-00	1.....	VACUUM SYSTEM INSTALLATION
39	ELECTRICAL PANELS AND COMPONENTS	
39-10-00	1.....	INSTRUMENT INSTALLATION & PANELS (M20R) (RADIO AND CIRCUIT BREAKER PANEL)
39-10-01	2.....	GLARESHIELD & MAGNETIC COMPASS INSTL
39-10-02	3.....	INSTRUMENT INSTALLATION & PANELS (M20S) (RADIO AND CIRCUIT BREAKER PANEL)
39-40-00	1.....	RADIO BLOWER INSTALLATION
39-40-01	2.....	POWER ADAPTER, 28/14 VOLT
52	DOORS	
52-10-00	1.....	CABIN DOOR ASSEMBLY
52-30-00	1.....	BAGGAGE DOOR ASSEMBLY
53	FUSELAGE	
53-10-00	1.....	FUSELAGE ASSEMBLY/CABIN SKINS
53-10-01	2.....	CABIN TUBULAR STRUCTURE
53-10-02	3.....	TUBULAR STRUCTURE (FORWARD)
53-10-03	4.....	TAILCONE ASSEMBLY
53-10-04	5.....	INSTRUMENT PANEL INSTL.& STRUCTURES
53-20-00	1.....	FIREWALL ASSEMBLY
53-20-01	2.....	FLOOR BOARD ASSEMBLY & INSTALLATION
53-20-02	3.....	CONSOLE ASSEMBLY
53-30-00	1.....	LOWER FUSELAGE FAIRING (SMOOTH BELLY)
53-40-00	1.....	WING/FUSELAGE ASSEMBLY
53-50-00	1.....	FAIRING INSTALLATION
53-60-00	1.....	STEP ASSEMBLY & INSTALLATION
55	STABILIZERS	
55-00-00	1.....	EMPPENNAge ASSEMBLY
55-10-00	1.....	STINGER ASSEMBLY
55-10-01	2.....	HORIZONTAL STABILIZER ASSEMBLY
55-20-00	1.....	ELEVATOR ASSEMBLY
55-30-00	1.....	VERTICAL STABILIZER ASSEMBLY
55-40-00	1.....	RUDDER ASSEMBLY
56	WINDOWS	
56-20-00	1.....	WINDSHIELD AND COWL DECK INSTALLATION
56-20-01	2.....	WINDOW INSTALLATION

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GROUP ASSEMBLY INDEX

CHAPTER/ SECTION/ SUBJECT

FIGURE.....DESCRIPTION

57

WINGS

57-10-00	1.....	WING ASSEMBLY, CENTER SECTION
57-10-01	2.....	WING ASSEMBLY, OUTBOARD SECTION
57-10-02	3.....	WING MAIN SPAR ASSY(CENTER SECTION)
57-10-03	4.....	WING MAIN SPAR ASSEMBLY (O/B SECTION)
57-10-04	5.....	WING STUB & REAR SPAR ASSEMBLY
57-22-00	1.....	WING TIP ASSEMBLY
57-30-00	1.....	WING SKINS & INSPECTION COVERS
57-30-01	2.....	ACCESS PANEL, WING, EXT. FUEL GAUGE
57-50-00	1.....	FLAP ASSEMBLY
57-50-01	2.....	AILERON ASSEMBLY

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PROPELLERS

61-10-00	1.....	PROP/SPINNER ASSEMBLY & INSTALLATION
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71

POWERPLANT

71-00-00	1.....	POWER PLANT INSTALLATION
71-00-01	2.....	NOT USED
71-00-02	3.....	ENGINE BAFFLE INSTALLATION
71-00-03	4.....	WINTERIZATION KIT, OIL COOLER
71-10-00	1.....	COWLING ASSEMBLY & INSTALLATION
71-20-00	1.....	ENGINE MOUNT ASSY & INSTALLATION
71-60-00	1.....	AIR INDUCTION & ALTERNATE AIR SYSTEM

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POWER PLANT CONTROLS

76-00-00	1.....	POWER PLANT CONTROL INSTALLATION
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SPECIAL EQUIPMENT

95-00-00	1.....	OPTIONAL EQUIPMENT INSTALLATION
95-10-00	1.....	FLY AWAY KIT
95-20-00	1.....	TRAVEL BOARDS-SPRING EXT., RUDDER TRIM
95-20-01	2.....	LANDING GEAR SYSTEM RIGGING TOOLS
95-30-00	1.....	ANNUNCIATOR LOW FUEL CALIBRATION UNIT
95-30-01	2.....	TEST HARNESS ASSEMBLY
95-30-02	3.....	TEXT BOX, DRUCK TRANSDUCER
95-40-00	1.....	TANNIS HEATER INSTALLATION

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ALPHA - NUMERICAL INDEX

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PART NO.	CH-SEC-SUB	FIG	ITEM	TTL	PART NO.	CH-SEC-SUB	FIG	ITEM	TTL
#08001	53-10-04	5	12	AR	#6-32x1/4	25-00-00	1	12	1
#103	27-00-00	1	2	AR	#7615	25-00-00	1	23	4
#106	95-40-00	1	-	AR		25-20-01	2	21	8
#12	27-40-00	1	2	AR		25-20-01	2	37	4
#1357	25-00-01	2	18	AR		56-20-01	2	5A	2
#13833	25-00-00	1	29	1	#77	25-00-00	1	22	AR
#13840	25-00-00	1	29	1	#8001	25-20-00	1	7	AR
#1520	21-60-00	1	17	1		39-10-01	2	4	AR
	35-00-00	1	52	1	#810	95-30-02	3	2	1
#16	34-10-00	1	42	AR	#905	25-00-01	2	14	AR
#1711-AC	27-00-00	1	13	1		25-00-01	2	16	AR
#1794	25-20-01	2	21	8		25-00-02	3	2	AR
#20 AWG	27-60-00	1	12	2	#9240-0	25-00-00	1	14	1
#203540-1	56-20-00	1	9	2	#C88	25-00-01	2	7	2
#204	27-40-00	1	22	1		25-00-03	4	5	2
	27-40-00	1	38	1	#SJ-3536	25-00-02	3	2	AR
#204814-1	56-20-00	1	9	3	#SJ-3537	25-00-02	3	2	AR
#25	27-40-00	1	35	1	.040 X 3/4 X 1/2	27-60-00	1	5	2
#2535	28-20-00	1	41	5	.25 X 3.00	27-60-00	1	5	2
#2707	25-00-00	1	9	1	.5 IN.	25-00-00	1	2	AR
	25-00-00	1	27	1	.675 x .375	37-00-00	1	17	AR
	39-10-01	2	4	2	.875 x .625 x 5.6	37-00-00	1	42	1
#271	37-00-00	1	28	AR	.875 x .625 x 13.0	37-00-00	1	16	1
#2802	21-40-00	1	2A	3		37-00-00	1	17	1
	71-60-00	1	26	AR	.875 x .625 x 17.0	37-00-00	1	10	1
#3019	57-10-02	3	47	1	.875 x .625 x 19.0	37-00-00	1	33	1
#307	25-00-00	1	12	1	.875 x .625 x 20.0	37-00-00	1	14	1
#3072	25-00-00	1	16	3		37-00-00	1	34	1
#3073	25-00-00	1	24	10	.875 x .625 x 21.0	37-00-00	1	32	1
#327	39-10-01	2	10	14	.875 x .625 x 33.0	37-00-00	1	6	1
	39-10-01	2	19	1		37-00-00	1	10	1
#330	27-00-00	1	10	1	.875 x .625 x 36.0	37-00-00	1	6	1
#404	27-40-00	1	14	1	000S013A	27-60-00	1	-	1
#4400	39-10-01	2	7	AR	00490	27-60-00	1	-	1
	39-10-01	2	8	AR	00620	27-60-00	1	11	2
#4-40x3/8	25-00-00	1	12	2	00956	27-60-00	1	-	1
#4587	25-00-03	4	13	AR	010000-000	95-10-00	1	6	2
#468	25-00-00	1	34	AR	010002-000	95-10-00	1	5	2
	27-00-00	1	6A	AR	010003-505	53-10-03	4	72	2
#5	25-00-01	2	7	2	010003-507	53-10-03	4	72	2
	25-00-03	4	5	2	010027-501	95-10-00	1	2	2
	25-20-02	3	10	4	010034-509	95-10-00	1	9	1
#500015-2	21-60-00	1	19	AR	010037	00-00-00	1	-	REF
#500015-2	35-00-00	1	34	AR		95-00-00	1	-	REF
#50013-2	35-00-00	1	44	AR	010037-501	95-10-00	1	-	REF
#5421	53-20-00	1	5	1	010038-001	95-10-00	1	6A	1
#547	39-10-01	2	6	AR	01-0266038-00	33-40-03	4	6	1
	39-10-01	2	15	AR	01-0770142-05	25-00-00	1	12	1
#561-2	32-10-00	1	46	4	01-0770329-00	57-22-00	1	18	2
	32-10-00	1	48	4	0111-08	30-10-00	1	19	1
#589	25-10-00	1	37	1	01260-6-0-28	39-10-02	1	10	1
#598	25-10-00	1	44	1	01265	27-60-00	1	22	1
	25-20-01	2	31	4	01377	27-60-00	1	16	2
#6	25-00-00	1	12	1	01378	27-60-00	1	15	2
	25-00-00	1	12	1	01533	27-60-00	1	6	1
#6 x 3/8	57-10-00	1	8	1	01534	27-60-00	1	8	1
#606	39-10-01	2	17	AR	01540	27-60-00	1	6	1
#6-32 BRASS	25-00-00	1	12	1	01541	27-60-00	1	8	1

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PART NO.	CH-SEC-SUB	FIG	ITEM	TTL	PART NO.	CH-SEC-SUB	FIG	ITEM	TTL
01550	27-60-00	1	2	1	08125-03	30-10-00	1	19	1
01551	27-60-00	1	2	1	08132-01	30-10-00	1	16	1
01577	27-60-00	1	1	2	08132-06	30-10-00	1	16	1
01727	27-60-00	1	12	2	08138	39-40-01	1	4	1
01729	27-60-00	1	12	2	08146-02	30-10-00	1	13	1
020010	25-00-00	1	1	AR	082-21	32-40-01	2	11	1
	25-00-00	1	10	AR	082-52	32-40-01	2	18	1
	25-00-00	1	15	AR	094-30	32-40-01	2	21	1
	25-00-00	1	21	AR	095-101	32-40-01	2	19	1
	25-00-00	1	38	AR	095-13	32-40-01	2	17	1
	25-00-03	4	2	REF	095-156	32-40-01	2	20	1
	25-20-02	3	2	AR	09F981	27-00-00	1	11	1
	25-20-02	3	4	AR	1/16 DIA. 7 X 7	27-40-03	4	14	1
020015	25-00-00	1	4	AR	1/2 x 10	25-10-00	1	39	1
	25-00-00	1	6	AR	1/4 x 2 x 1/4	25-10-00	1	37	1
	25-00-00	1	28	AR	1/4-20 x .625	37-00-00	1	28	4
	25-00-00	1	31	AR	1/8 X 3/16 AB4-4A	27-60-00	1	5	4
02-0350291-00	25-00-00	1	12	1	1/8" THICK	25-00-00	1	26	AR
030003-010	95-20-00	1	4	1		25-00-00	1	26	AR
030003-200	95-20-00	1	4	1	100-011-8810	30-10-00	1	36	2
030004-009	95-20-00	1	3	1	100-013-8810	30-10-00	1	45	1
030004-503	95-20-00	1	3	1	100024-001	55-40-00	1	38	2
030005-004	95-20-00	1	1	1	101-1	32-40-01	2	14	1
030005-100	95-20-00	1	1	1	101-11	32-40-01	2	13	2
030007-100	95-20-01	2	5	1	101-27	32-10-00	1	43	2
030010-100	95-20-01	2	3	1	101-7	32-40-01	2	16	1
030011-100	95-20-01	2	1	1	102011-1	32-30-01	2	-	REF
030025-001	95-10-00	1	11	1	102057-1	32-30-01	2	13	REF
030035-000	95-20-00	1	6	1	10248-1	32-30-01	2	13	REF
030035-005	95-20-00	1	8	1	10-24D	32-40-01	2	2	2
030035-501	95-20-00	1	7	1		32-40-02	3	7	2
030036-001	95-30-02	3	5	1	103-105	32-40-00	1	17	3
030036-005	95-30-02	3	5	1	103-118	32-10-00	1	44	4
030036-501	95-30-02	3	-	1	10-357210-9	39-10-00	1	12	1
0301	25-00-00	1	44	AR	10-357210-9	39-10-02	1	2	1
031-0269-02	27-00-00	1	14	1	104-00016	39-10-00	1	29A	1
031-0326-00	27-00-00	1	13	1	107A10002	37-00-00	1	30	4
0402-102	39-10-00	1	32	1	1081	71-60-00	1	25	AR
0402-104	39-10-00	1	32	1	10-900-59/1	23-60-00	1	2	1
050006-501	53-20-00	1	-	REF	10-900-60/1	23-60-00	1	2	1
06-170166-000	33-40-03	4	5	1	10-900-71	23-60-00	1	3	1
07-0550170-00	57-22-00	1	21	1	10-900-85	23-60-00	1	3	1
07100	27-40-01	2	31	2	10-900-CA-L	23-60-00	1	3	AR
071-1242-01	39-10-02	1	32	1	10-900-CA-S	23-60-00	1	3	AR
07196	27-40-01	2	31	2	1095	95-40-00	1	3	1
08001	34-10-00	1	12	AR	10H3P	24-20-00	1	21	2
	53-30-00	1	10	AR	10L-5 1/2-F	25-10-00	1	41	1
08102-01	30-10-00	1	1	1	10M	25-20-02	3	2	AR
08102-02	30-10-00	1	7	1		25-20-02	3	4	AR
08102-03	30-10-00	1	2	1	110001-003	53-40-00	1	3	AR
08102-04	30-10-00	1	6	1	110001-005	53-40-00	1	3	AR
08102-05	30-10-00	1	3	1	110001-007	53-40-00	1	3	AR
08102-07	30-10-00	1	4	1	110002-003	27-10-00	1	44	1
08102-08	30-10-00	1	5	1	110002-005	27-10-00	1	42	1
08102-09	30-10-00	1	8	1	110002-007	27-10-00	1	44	1
08102-10	30-10-00	1	9	1	110002-101	27-10-00	1	47	1
08102-11	30-10-00	1	10	1	110003-007	27-10-00	1	53	2
08125-02	30-10-00	1	20	1		32-11-00	1	13	1

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110003-007	32-11-00	1	40	1	130101-011	25-00-00	1	34	2
110021	00-00-00	1	-	REF	130101-503	25-00-00	1	34	1
110021-575	53-40-00	1	-	REF	130197-013	25-00-00	1	24	1
110055	00-00-00	1	-	REF	130197-014	25-00-00	1	24	1
110071	00-00-00	1	-	REF	130197-509	25-00-00	1	24	1
1101	30-10-00	1	17	3	130208-000	21-40-00	1	15	1
1102-2	53-60-00	1	2	AR	130248-501	25-00-00	1	36	1
1120	30-10-00	1	38	AR	130248-503	25-00-00	1	16	1
11228	21-50-00	1	89	1	130250	00-00-00	1	-	REF
11-230290-000	33-40-03	4	4	1		21-40-00	1	35	REF
1126	30-10-00	1	41	AR		21-60-00	1	2	REF
1129	30-10-00	1	19	AR		35-00-00	1	43	REF
1143	30-10-00	1	39	1	130250-001	25-00-00	1	19	1
11-466-C/6526-C	39-40-01	1	16	2	130250-003	25-00-00	1	18	1
11470123-003	25-00-00	1	12	1	130250-005	25-00-00	1	17	1
11673	25-00-00	1	4	3	130250-007	25-00-00	1	21	1
	25-00-00	1	6	3	130250-009	25-00-00	1	21	1
	25-00-00	1	28	3	130250-011	25-00-00	1	15	1
	25-00-00	1	31	4	130250-013	25-00-00	1	15	1
120000-505	53-50-00	1	13	1	130250-015	25-00-00	1	10	1
120000-507	53-50-00	1	13	1	130250-017	25-00-00	1	10	1
120001-003	53-50-00	1	12	1	130250-019	25-00-00	1	11	1
120001-004	53-50-00	1	12	1	130250-021	25-00-00	1	11	1
120001-005	53-50-00	1	11	1	130250-023	25-00-00	1	14	1
120001-006	53-50-00	1	11	1	130250-025	25-00-00	1	14	1
120002-505	53-50-00	1	13	1		25-00-00	1	20	1
120002-507	53-50-00	1	13	1	130250-033	25-00-00	1	3	1
1200-07FG-58	39-40-01	1	15	1	130250-035	25-00-00	1	4	1
120063	00-00-00	1	-	REF	130250-037	25-00-00	1	4	1
120063-511	53-50-00	1	1	REF	130250-039	25-00-00	1	4	1
120066-001	57-30-00	1	2A	REF	130250-041	25-00-00	1	6	1
120066-003	57-30-00	1	2A	REF	130250-042	25-00-00	1	28	1
120086	00-00-00	1	-	REF	130250-043	25-00-00	1	6	1
120087	00-00-00	1	-	REF		25-00-00	1	28	1
120088	00-00-00	1	-	REF	130250-045	25-00-00	1	6	1
1200-S	26-20-00	1	8	1	130250-046	25-00-00	1	28	1
1242F	25-10-00	1	26	2	130250-047	25-00-00	1	8	1
1250232-1	21-50-00	1	51	1		25-00-00	1	27	1
126-219	39-10-00	1	33	1	130250-049	25-00-00	1	8	1
12L12-F	25-10-00	1	23	2		25-00-00	1	27	1
12NF	25-00-00	1	3	AR	130250-051	25-00-00	1	3	1
	25-00-00	1	3	AR		35-00-00	1	54	REF
	25-00-00	1	27	AR	130250-053	25-00-00	1	40	1
	25-00-00	1	29	AR	130250-055	25-00-00	1	40	1
	25-00-00	1	30	AR	130250-057	25-00-00	1	27	1
1300	21-60-00	1	17	AR	130250-059	25-00-00	1	18	1
	25-00-00	1	1	AR	130250-061	25-00-00	1	18	1
	25-00-00	1	3	AR	130250-063	25-00-00	1	34	2
	25-00-00	1	28	AR	130250-065	25-00-00	1	27	1
	25-00-00	1	31	AR	130250-067	25-00-00	1	43	1
	25-00-00	1	38	AR	130250-069	25-00-00	1	43	1
	25-00-00	1	44	AR	130250-071	25-00-00	1	44	1
	52-10-00	1	32	AR	130250-073	25-00-00	1	44	1
	53-60-00	1	2	AR		25-20-02	3	27	REF
130077-001	53-10-03	4	99	1	130250-075	25-00-00	1	29	1
1300L	30-60-00	1	2	AR	130250-077	25-00-00	1	29	1
	39-10-01	2	20	AR	130250-079	25-00-00	1	30	1
130101-009	25-00-00	1	34	2	130250-081	25-00-00	1	31	1

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130250-083	25-00-00	1	31	1	130251-503	25-00-00	1	26	1
130250-085	25-00-00	1	31	1	130251-505	25-00-00	1	26	1
130250-087	25-00-00	1	30	1	130271-019	52-10-00	1	26A	1
130250-089	25-00-00	1	35	1	130271-085	52-10-00	1	27A	REF
130250-091	25-00-00	1	35	1	130281-103	25-00-00	1	22	2
130250-093	25-00-00	1	44	1	130281-505	25-00-00	1	22	1
130250-095	25-00-00	1	1	1	130285-003	39-10-01	2	10	14
130250-097	25-00-00	1	1	1	130297	25-00-01	2	15	REF
130250-099	25-00-00	1	38	1		25-00-01	2	17	REF
130250-101	25-00-00	1	38	1		25-00-01	2	18	REF
130250-103	25-00-00	1	34	2	130307-001	25-20-01	2	36	4
130250-109	25-00-00	1	33	1	130307-003	25-20-01	2	36	4
130250-111	25-00-00	1	33	1	130307-005	25-20-01	2	36	4
130250-113	25-00-00	1	33	1	130307-007	25-20-01	2	36	4
130250-115	25-00-00	1	33	1	130313	25-00-01	2	2	REF
130250-117	25-00-00	1	44	1	130319-003	25-00-00	1	25	1
130250-119	25-00-00	1	44	1	130320-007	39-10-01	2	16	1
	25-00-00	1	45	1	130320-013	39-10-01	2	2	1
130250-121	25-00-00	1	44	1	130320-015	39-10-01	2	2	1
	25-00-00	1	45	1		39-10-01	2	2	1
130250-123	25-00-00	1	16	1	130320-017	39-10-01	2	8	1
130250-125	25-00-00	1	16	1	130320-019	39-10-01	2	7	1
130250-127	25-00-00	1	48	1	130320-021	39-10-01	2	15	1
130250-128	25-00-00	1	48	1	130320-023	39-10-01	2	7	1
130250-133	25-00-00	1	2	1	130320-025	39-10-01	2	8	1
	25-00-00	1	38	1	130320-029	39-10-01	2	2	1
130250-135	25-00-00	1	48	3	130320-031	39-10-01	2	2	1
130250-139	25-00-00	1	13	1	130320-501	25-00-00	1	39	1
130250-141	25-00-00	1	18	1		39-10-01	2	1	REF
130250-143	25-00-00	1	16	1	130320-907	39-10-01	2	16	1
130250-145	25-00-00	1	43	1	130323-013	39-10-01	2	7	1
130250-147	25-00-00	1	43	1	130323-015	39-10-01	2	8	1
130250-151	25-00-00	1	43	1	130323-021	39-10-01	2	17	1
130250-153	25-00-00	1	43	1	130323-023	39-10-01	2	21	1
130250-157	25-00-00	1	27	1	130328	95-00-00	1	-	REF
130250-159	25-00-00	1	27	1	130328-503	25-00-00	1	23	1
130250-161	25-00-00	1	3	1	130331-089	25-00-00	1	2	1
130250-163	25-00-00	1	3	1	130333-007	25-00-00	1	24	1
130250-165	25-00-00	1	1	1	130333-009	25-00-00	1	24	1
130250-167	25-00-00	1	38	1	130333-011	25-00-00	1	24	1
130250-169	25-00-00	1	44	2	130333-015	25-00-00	1	24	1
130250-171	25-00-00	1	44	1	130333-505	25-00-00	1	24	1
130250-173	25-00-00	1	44	1	130336-001	25-00-00	1	32	1
130250-175	25-00-00	1	44	1		11-30-00	1	39	1
130250-177	25-00-00	1	44	1	130336-003	11-30-00	1	28	1
130250-179	25-00-00	1	44	1		21-60-00	1	17	1
130250-181	25-00-00	1	29	1	130336-005	11-30-00	1	40	1
130250-183	25-00-00	1	29	1		25-00-00	1	3	1
130250-185	25-00-00	1	3	1		35-00-00	1	53	1
130250-187	25-00-00	1	3	1	130336-019	25-00-00	1	3	1
130250-189	25-00-00	1	44	1	130336-021	25-00-00	1	3	1
130250-191	25-00-00	1	44	1	130337-001	25-00-00	1	5	REF
130250-501	25-00-00	1	-	REF		35-00-00	1	47	1
130251-001	25-00-00	1	26	1	130338-001	25-00-00	1	46	1
130251-003	25-00-00	1	26	1	130338-005	25-00-00	1	44	1
130251-005	25-00-00	1	26	1	130339-001	25-20-02	3	25	1
130251-007	25-00-00	1	26	1	130345-501	21-50-00	1	94	1
130251-501	25-00-00	1	26	1	130345-503	21-50-00	1	95	1

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130355-002	25-00-00	1	47	1	140215-011	25-10-00	1	11	2
130355-003	25-00-00	1	47	1	140215-013	25-10-00	1	1	2
	25-00-00	1	47	1	140215-015	25-10-00	1	3	2
130355-004	25-00-00	1	47	1	140215-017	25-10-00	1	7	2
130355-005	25-00-00	1	47	1	140215-019	25-10-00	1	16	4
130355-006	25-00-00	1	47	1	140215-021	25-10-00	1	9	2
130355-007	25-00-00	1	47	1	140215-023	25-10-00	1	12	2
130355-008	25-00-00	1	47	1	140215-027	25-10-00	1	18	1
130355-011	11-30-00	1	81	1	140215-029	25-10-00	1	14	1
130355-502	25-00-00	1	47	1	140215-031	25-10-00	1	41	1
130355-503	25-00-00	1	47	1	140215-057	25-10-00	1	32	1
130355-511	25-00-00	1	47	1	140215-067	25-10-00	1	54	2
130356-001	25-00-00	1	12	1	140215-069	25-10-00	1	52	1
130357-003	25-00-00	1	3	1	140215-073	25-10-00	1	45	1
130357-005	25-00-00	1	3	1	140215-081	25-10-00	1	38	4
130359-001	53-20-02	3	27	1	140215-083	25-10-00	1	17	1
130359-003	53-20-02	3	27	1	140215-085	25-10-00	1	10	2
130359-501	53-20-02	3	26	2	140215-093	25-10-00	1	57	1
130359-503	53-20-02	3	26	2	140215-095	25-10-00	1	56	1
13-0403-01	21-40-00	1	8	1	140215-096	25-10-00	1	56	1
	35-00-00	1	3A	1	140215-097	25-10-00	1	55	1
13-08320-050	33-40-03	4	7	2	140215-101	25-10-00	1	58	2
1357	21-40-00	1	18	AR	140215-501	25-10-00	1	-	REF
	25-00-00	1	26	AR	140215-503	25-00-01	2	20	1
	25-00-00	1	26	AR		25-10-00	1	51	1
13836	32-40-00	1	2	1	140215-505	25-10-00	1	51	1
	32-40-00	1	3	1	140215-507	25-10-00	1	-	REF
1394T100-3Z	39-10-00	1	14	1	140216-001	25-10-00	1	27	2
	39-10-02	1	10	1	140216-003	25-10-00	1	24	2
140004-000	25-10-00	1	5	4	140216-005	25-10-00	1	24	1
140077-501	25-00-01	2	12	1	140216-021	25-10-00	1	21	1
140079-003	25-00-01	2	12	1		25-10-00	1	27	1
140127-001	57-10-04	5	7	1	140216-501	25-10-00	1	26	1
140127-002	57-10-04	5	7	1	140217-001	25-10-00	1	36	1
140184	25-00-01	2	11	REF	140217-003	25-10-00	1	36	1
	25-00-03	4	12	REF		25-10-00	1	43	1
140184-001	25-20-01	2	22	1	140217-005	25-10-00	1	36	1
140184-005	25-20-01	2	23	1		25-10-00	1	43	1
140184-007	25-20-01	2	22B	1	140217-007	25-10-00	1	36	1
140184-009	25-20-01	2	22A	2		25-10-00	1	43	1
140184-011	25-20-01	2	22B	1		25-20-01	2	32	2
140184-501	25-20-01	2	22	1	140217-301	25-10-00	1	36	1
140184-503	25-20-01	2	22	2	140217-303	25-10-00	1	43	1
140185	25-00-00	1	53	REF	140217-501	25-10-00	1	43	1
140185-001	25-00-01	2	16	1	140218-001	25-10-00	1	42	1
140186	25-00-00	1	54	REF	140218-003	25-10-00	1	42	1
140188-001	25-00-01	2	8	4	140218-005	25-10-00	1	42	1
	25-00-03	4	6	4	140218-007	25-10-00	1	35	1
140189-001	25-10-01	2	4	1	140218-009	25-10-00	1	35	1
140199-001	25-10-01	2	4	2	140218-501	25-10-00	1	35	1
140206-025	53-10-01	2	53	1	140219-001	25-10-00	1	39	1
	53-10-01	2	71	2	140219-003	25-10-00	1	39	1
140214	95-10-00	1	4	REF	140220	00-00-00	1	-	REF
140215	25-00-00	1	49	REF		25-00-00	1	52	REF
	25-10-01	2	2	REF	140220-001	25-20-01	2	24	4
140215-003	25-10-00	1	-	1	140220-503	25-20-01	2	-	REF
140215-005	25-10-00	1	30	1		25-20-02	3	1	REF
140215-009	25-10-00	1	11	2	140221-003	25-20-01	2	9	1

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140221-004	25-20-01	2	9	1	140295	95-00-00	1	-	REF
140221-005	25-20-01	2	1	1	140295-513	25-10-01	2	-	REF
140221-007	25-20-01	2	1	1	140297-509	25-10-01	2	6	1
140221-009	25-20-01	2	9	1	140299-011	25-10-01	2	6	1
140221-010	25-20-01	2	9	1	140299-023	25-10-01	2	1	1
140221-011	25-20-01	2	9	1	140299-507	25-10-01	2	1	1
140221-012	25-20-01	2	9	1	140305-001	25-20-02	3	33	1
140221-013	25-20-01	2	9	1	140305-501	25-20-02	3	-	REF
140221-015	25-20-01	2	1	1	140313	25-00-01	2	9	REF
140221-017	25-20-01	2	1	1		25-00-03	4	8	REF
140221-018	25-20-01	2	1	1		25-20-02	3	3	REF
140221-019	25-20-01	2	1	1	140313-503	25-00-00	1	55	2
140221-021	25-20-01	2	1	1	140315-501	25-20-02	3	8	1
140222-001	25-20-01	2	3	2	140315-502	25-20-02	3	7	1
140223-001	25-20-01	2	6	2	140317-001	25-20-02	3	23	2
140224-005	25-10-00	1	59	2	140317-501	25-20-02	3	23	2
140225-039	25-10-00	1	31	1	140318-501	25-00-00	1	41	2
140226-001	25-20-01	2	4	2	140318-505	25-00-00	1	42	1
140227-001	25-20-01	2	8	4		25-20-02	3	21	REF
140228-001	25-20-01	2	24	2	140318-506	25-00-00	1	42	1
140228-003	25-20-01	2	24	2		25-20-02	3	22	REF
140229-001	25-20-01	2	30	1	140318-509	25-20-02	3	20	1
140229-002	25-20-01	2	30	1	140319-501	53-10-01	2	76	1
140229-003	25-20-01	2	33	1	140319-502	53-10-01	2	76	1
140229-004	25-20-01	2	33	1	140320	00-00-00	1	-	REF
140229-005	25-20-01	2	30	2		25-00-00	1	50	REF
140230-003	25-20-01	2	12	1		25-00-00	1	51	REF
140230-005	25-20-01	2	11	2		25-00-02	3	4	REF
140231-003	25-20-01	2	17	1	140320-507	25-00-01	2	4	1
140231-005	25-20-01	2	18	1	140320-509	25-00-01	2	5	1
140231-007	25-20-01	2	20	1	140320-511	25-00-01	2	6	1
140231-009	25-20-01	2	17	1	140320-519	25-00-01	2	3	1
	25-20-02	3	16	1	140320-521	25-00-01	2	2	1
140231-017	25-20-02	3	16	1	140320-523	25-00-01	2	1	REF
140231-501	25-20-01	2	17	1	140321-001	25-10-00	1	50	1
140231-503	25-20-02	3	16	1	140321-003	25-00-01	2	12	1
140232-003	25-20-01	2	22	1	140322	00-00-00	1	-	REF
140232-011	25-20-01	2	22	2		25-00-00	1	53	REF
	25-20-02	3	12	4		25-00-00	1	54	REF
140233-503	95-10-00	1	1	2		25-00-01	2	10	REF
140235	25-00-01	2	2	REF		25-00-02	3	5	REF
140262-513	25-00-00	1	56	1	140322-001	25-00-01	2	12	1
140262-514	25-00-00	1	56	1	140322-003	25-00-01	2	19	1
140271	25-00-00	1	50	REF	140322-005	25-00-01	2	18	AR
	25-00-00	1	51	REF	140322-505	25-00-01	2	18	1
140277-001	25-10-01	2	7	1	140322-511	25-00-01	2	16	1
140277-003	25-10-01	2	8	1	140322-513	25-00-01	2	12	1
140277-501	25-10-01	2	3	1	140323	95-00-00	1	-	REF
140279-001	25-20-02	3	12	1	140323-003	25-00-02	3	3	1
140279-003	25-20-02	3	12	2	140323-005	25-00-02	3	1	1
140279-005	25-20-02	3	12	1	140323-501	25-00-02	3	-	REF
140279-009	25-20-02	3	12	1	140323-503	25-00-02	3	2	1
	25-20-02	3	12	2	140331-001	25-20-02	3	5	1
140279-301	25-20-02	3	12	1	140331-002	25-20-02	3	6	1
140279-501	25-20-02	3	12	1	140332-001	25-20-02	3	17	1
140282-001	25-20-02	3	4	1	140333-501	25-20-02	3	19	1
140282-003	25-20-02	3	9	1	140334-001	25-20-02	3	13	4
140291-001	25-20-02	3	2	1	140335-501	25-20-02	3	2	1

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140335-503	25-20-02	3	4	1	150080-4046	11-30-00	1	37	1
140336	25-00-03	4	9	REF	150080-4050	11-20-00	1	17	1
140338	00-00-00	1	-	REF	150080-4055	11-30-00	1	48	1
	25-00-00	1	-	REF	150080-4056	11-30-00	1	56	1
140338-001	25-00-03	4	3	1	150080-4057	27-60-00	1	-	1
140338-003	25-00-03	4	2	1	150080-4059	11-30-00	1	78	11
140338-009	25-00-03	4	3	1	150080-4060	11-30-00	1	79	1
140338-011	25-00-03	4	2	1	150080-4061	11-30-00	1	42	1
140338-013	25-00-03	4	1	1	150080-4072	11-30-00	1	63	1
140338-014	25-00-03	4	1	1	150080-4073	11-30-00	1	65	1
140338-015	25-00-03	4	11	2	150080-4097	71-60-00	1	13	1
140338-017	25-00-03	4	10	2	150080-4104	25-20-02	3	-	1
140338-501	25-00-03	4	-	REF	150080-511	11-20-00	1	-	REF
140339-001	25-00-03	4	7	4		11-30-00	1	-	REF
14-062216-100	33-40-03	4	1	1	150080-6000	11-20-00	1	1	6
	33-40-03	4	7	2		11-30-00	1	72	6
141	32-30-01	2	40	4	150080-6001	11-20-00	1	3	2
141-12	32-40-01	2	15	1	150080-6002	11-20-00	1	2	2
141PC15G	37-00-00	1	53	1		11-30-00	1	71	2
142-37	32-40-01	2	8	1	150080-6010	11-20-00	1	3	2
143-9	32-40-01	2	22	1	150080-6011	11-20-00	1	4	1
144-037A	32-40-01	2	7	1	150080-6012	11-30-00	1	2	1
145-58	32-40-01	2	10	1	150080-6019	11-30-00	1	26A	1
1-480305-0	33-40-03	4	9	1	150080-6020	11-30-00	1	4	1
1-480318-0	39-10-01	2	12	1	150080-6021	11-30-00	1	5	1
1-480319-0	39-10-01	2	13	1	150080-6022	11-20-00	1	5	1
148-23	32-40-01	2	12	1	150080-6023	11-20-00	1	6	2
150052	39-10-00	1	45	1	150080-6024	11-20-00	1	7	1
150080	00-00-00	1	-	REF	150080-6025	11-20-00	1	7	1
	11-30-00	1	55A	1	150080-6026	11-20-00	1	8	1
	11-30-00	1	55B	1	150080-6027	11-20-00	1	8	1
150080-1023	11-30-00	1	59	1	150080-6028	11-20-00	1	9	2
150080-2007	11-30-00	1	58	1	150080-6029	11-20-00	1	9	2
150080-2015	11-30-00	1	62	1	150080-6030	11-20-00	1	10	1
150080-2017	11-30-00	1	68	1	150080-6031	11-20-00	1	10	1
150080-2020	11-30-00	1	69	1	150080-6032	11-30-00	1	6	1
150080-2021	11-30-00	1	70	1	150080-6033	11-30-00	1	6	1
150080-2024	11-30-00	1	67	1	150080-6035	11-20-00	1	19	1
150080-213	11-30-00	1	3	1		32-21-00	1	18	REF
150080-230	11-30-00	1	38	1	150080-6036	11-20-00	1	20	1
150080-237	27-00-00	1	6A	REF		32-21-00	1	19	REF
150080-259	27-00-00	1	8	1	150080-6041	11-20-00	1	13	1
150080-367	11-30-00	1	50	1	150080-6042	11-20-00	1	11	1
	53-20-01	2	37	1	150080-6043	11-20-00	1	11	1
150080-376	25-20-01	2	39	REF	150080-6044	11-20-00	1	12	1
150080-4003	11-30-00	1	7	1	150080-6045	11-20-00	1	12	1
150080-4004	11-30-00	1	73	1	150080-6049	11-30-00	1	26	1
150080-4009	11-30-00	1	8	1	150080-6050	11-20-00	1	14	1
	32-30-00	1	21	REF	150080-6059	11-20-00	1	16	2
150080-4010	11-30-00	1	13	2	150080-6060	11-20-00	1	21	1
150080-4015	11-30-00	1	14	1	150080-6083	71-00-02	3	3	1
150080-4018	11-30-00	1	74	1	150080-6084	71-00-02	3	9	1
150080-4033	11-30-00	1	77	1	150080-621	11-20-00	1	18	1
150080-4034	11-30-00	1	21	1		24-40-00	1	22	1
150080-4037	11-30-00	1	41	1	150080-873	11-30-00	1	30	1
150080-4040	11-30-00	1	45	1	150080-874	11-30-00	1	31	1
150080-4041	11-30-00	1	27	1	150080-887	11-30-00	1	29	1
150080-4045	11-30-00	1	34	1	150080-942	11-30-00	1	51	1

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150080-943	11-30-00	1	52	1	1601-0410	52-30-00	1	39	2
150080-963	11-30-00	1	55	1	1601-0410	53-10-02	3	5	2
150080A2001	11-30-00	1	36	1		53-10-03	4	1	44
150080A4001	11-30-00	1	12	1		53-50-00	1	6	6
	11-30-00	1	22	1		53-50-00	1	9	40
150080A4002	11-30-00	1	9	1		53-50-00	1	11	15
150080A4003	11-30-00	1	10	1		53-50-00	1	12	10
150080A4005	11-30-00	1	11	1		53-60-00	1	2	7
150080A4008	11-30-00	1	57	1		56-20-01	2	23	8
150080A4012	11-30-00	1	53	1		57-30-00	1	11	4
	53-20-02	3	20	1	1601-0412	53-10-03	4	1	12
150080A4014	11-30-00	1	75	1		53-50-00	1	9	20
150080A4015	11-30-00	1	76	1		55-00-00	1	12	AR
150080A4027	11-30-00	1	49	1	161-03100	32-40-00	1	16	1
150080-C/B	11-30-00	1	33	1	161-47	32-40-00	1	2	1
150080-SW	11-30-00	1	35	1	162-02800	32-40-00	1	15	1
150084-001	11-30-00	1	7	1	162-45	32-40-00	1	3	1
150085-001	25-00-00	1	5	1	164-23	32-40-00	1	7	1
	35-00-00	1	45	REF	166-15	32-10-00	1	53	1
150085-002	25-00-00	1	29	1	166-16	32-40-01	2	7	1
150085-003	25-00-00	1	7	1	16-886	32-30-01	2	57	1
150085-004	25-00-00	1	27	1	1691-0410	39-10-01	2	7A	3
150085-005	25-00-00	1	44	1		39-10-01	2	8A	3
	25-00-00	1	46	1		39-10-01	2	22	1
150085-008	25-00-00	1	5	1		39-40-01	1	22	4
150085-009	25-00-00	1	44	1		55-00-00	1	12	AR
150085-010	25-00-00	1	3	1		71-60-00	1	9	5
150085-011	25-00-00	1	3	1	1691-0412	53-20-02	3	17	2
150085-013	25-00-00	1	3	1	1693-0410	21-50-00	1	38	16
150085-014	25-00-00	1	5	1	16HE-12L	27-40-00	1	8	1
150085-016	25-00-00	1	7	1	16HE24L	27-40-00	1	19	1
151-45	32-40-00	1	2	1	170003-003	25-20-00	1	9	1
152-44	32-40-00	1	3	1	170003-009	25-20-00	1	8	1
153-1	32-40-00	1	22	4	170003-021	25-20-00	1	8	1
153-15	32-40-00	1	6	1		25-20-00	1	9	1
154-1	32-40-00	1	21	2	170003-023	25-20-00	1	8	1
154-13	32-40-00	1	9	1		25-20-00	1	9	1
15-478	57-30-00	1	10	1	170003-025	25-20-00	1	8	1
155-12	32-40-01	2	23	1		25-20-00	1	9	1
155-2	32-40-00	1	23	2	170003-505	25-20-00	1	9	2
155-48	32-40-01	2	9	1	170003-507	25-20-00	1	8	2
156F001-4S-220	28-20-00	1	18	1	170006-031	25-20-00	1	2	1
156F001-6D-0160	28-20-00	1	20	1	170006-033	25-20-00	1	2	2
15-966-6	32-30-01	2	57	2	170006-043	25-20-00	1	5	1
1601-0401	53-50-00	1	13	50	170006-047	25-20-00	1	5A	1
1601-0410	21-40-00	1	18	34	170006-049	25-20-00	1	2	1
	24-20-00	1	22	2	170006-051	25-20-00	1	5	1
	25-00-00	1	37	7	170006-053	25-20-00	1	5	1
	25-00-00	1	44	4	170006-061	25-20-00	1	4	1
	25-00-01	2	12	12	170006-065	25-20-00	1	3	1
	25-10-00	1	31	30	170006-509	25-20-00	1	1	1
	25-10-00	1	50	33	170007-005	25-20-00	1	7	2
	25-10-00	1	52	4	170007-009	25-20-00	1	7	2
	25-10-00	1	56	2	170007-011	25-20-00	1	7	2
	25-10-00	1	57	2	170007-503	25-20-00	1	7	1
	25-10-00	1	58	4	170008-007	25-20-00	1	13	1
	25-20-01	2	37	4		25-20-00	1	14	1
	52-10-00	1	43	2	170008-021	25-20-00	1	19	1

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170008-023	25-20-00	1	10	1	1909	39-40-01	1	14	1
170008-025	25-20-00	1	16	1	19-250155-000	33-40-03	4	1	1
170008-027	25-20-00	1	15	1	19295	30-10-00	1	40	1
170008-029	25-20-00	1	18	1	1G19-2	37-00-00	1	35	1
170008-039	25-20-00	1	17	1	1J4-6	37-00-00	1	11	2
170008-041	25-20-00	1	20	1		37-00-00	1	11	1
170008-053	25-20-00	1	14	1	1J7-1	37-00-00	1	23	1
170008-055	25-20-00	1	12	1	1K1-6-10	37-00-00	1	4	1
170008-061	25-20-00	1	13	1		37-00-00	1	31	1
170015	00-00-00	1	-	REF		37-00-00	1	41	2
170015-005	25-20-00	1	12	1	1K1-6-8	37-00-00	1	43	1
170015-006	25-20-00	1	12	1	1K22-2-2	37-00-00	1	35	1
170015-019	25-20-00	1	11	1	1K8-6-10	37-00-00	1	5	2
170015-057	25-20-00	1	12	1	1N1341	24-40-00	1	6	1
170015-507	25-20-00	1	-	REF	1N2483	24-20-00	1	19	2
170018	00-00-00	1	-	REF		24-40-00	1	13	1
170018-001	25-20-00	1	21	1	1SE1-T	76-00-00	1	13	1
170018-002	25-20-00	1	21	1	1U128-006	37-00-00	1	1	1
170018-003	25-20-00	1	23	1	20-0024130600	33-40-03	4	7	2
170018-004	25-20-00	1	23	1	200-1902-02	27-00-00	1	15	1
170018-005	25-20-00	1	24	1	200336-001	95-30-02	3	3	4
170018-006	25-20-00	1	24	1	200-80S	30-60-00	1	6	2
170018-007	25-20-00	1	25	1	201-120911-00-0101	32-30-00	1	21	2
170018-008	25-20-00	1	25	1	201336-1	39-40-01	1	17	4
170018-009	25-20-00	1	26	1	201578-1	39-40-01	1	17	4
170018-010	25-20-00	1	26	1	2-027N674-70	27-10-00	1	7	2
170018-011	25-20-00	1	27	1	205840-3	39-10-00	1	28	1
170018-012	25-20-00	1	27	1	206062-1	95-30-02	3	3	1
170018-013	25-20-00	1	28	1		27-60-00	1	13	2
170018-014	25-20-00	1	28	1		39-40-01	1	17	1
170018-015	25-20-00	1	29	1	206153-1	95-30-02	3	3	1
170018-017	25-20-00	1	30	1		39-10-01	2	14	1
170018-021	25-20-00	1	31	1		39-40-01	1	17	1
170018-026	25-20-00	1	33	2	2089	32-40-01	2	38	2
170018-028	25-20-00	1	34	1	210000	25-20-01	2	16	REF
170018-029	25-20-00	1	35	1		32-30-00	1	46	REF
170018-030	25-20-00	1	35	1		53-20-01	2	24	REF
170018-037	25-20-00	1	22	1		53-40-00	1	13	REF
170018-038	25-20-00	1	22	1	210000-009	57-10-02	3	29	1
170018-039	25-20-00	1	39	1		57-10-03	4	2	REF
170018-040	25-20-00	1	39	1	210000-010	57-10-02	3	29	1
170018-041	25-20-00	1	38	1		57-10-03	4	2	REF
170018-042	25-20-00	1	38	1	210000-011	57-10-02	3	17	1
170018-043	25-20-00	1	37	1	210000-012	57-10-02	3	17	1
170018-044	25-20-00	1	37	1	210000-013	57-10-02	3	18	1
170018-045	25-20-00	1	36	1	210000-014	57-10-02	3	18	1
170018-046	25-20-00	1	36	1	210000-017	57-10-02	3	28	1
170018-047	25-20-00	1	32	1	210000-018	57-10-02	3	28	1
170018-503	25-20-00	1	-	REF	210000-021	57-10-01	2	43	REF
1739	21-40-00	1	14	2		57-10-02	3	36	2
1739	21-40-00	1	32	1		57-10-03	4	3	REF
175-6-330-P	39-40-01	1	16	1	210000-023	57-10-02	3	30	1
1794	25-20-02	3	18	REF	210000-024	57-10-02	3	30	1
18-1-C	27-30-00	1	46	2	210000-025	57-10-02	3	31	1
18-1-C	27-40-03	4	14	2	210000-026	57-10-02	3	31	1
18-1-C	32-30-01	2	32	1	210000-027	57-10-02	3	33	1
182-20	32-40-01	2	8	1	210000-028	57-10-02	3	33	1
183-1	32-10-00	1	50	1	210000-029	57-10-02	3	34	1

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210000-030	57-10-02	3	34	1	210005-019	57-10-01	2	27	2
210000-031	57-10-02	3	35	1	210005-019	57-10-03	4	12	2
210000-032	57-10-02	3	35	1	210005-021	57-10-01	2	28	2
210000-037	57-10-02	3	32	1		57-10-03	4	13	2
210000-038	57-10-02	3	32	1	210005-023	57-10-01	2	29	1
210000-077	57-10-02	3	20	1		57-10-03	4	10	1
210000-078	57-10-02	3	20	1	210005-024	57-10-01	2	29	1
210000-079	57-10-02	3	19	1		57-10-03	4	10	1
210000-080	57-10-02	3	19	1	210005-025	57-10-01	2	30	1
210000-083	57-10-02	3	21	1		57-10-03	4	14	1
210000-084	57-10-02	3	21	1	210005-026	57-10-01	2	30	1
210000-087	57-10-02	3	15	1		57-10-03	4	14	1
210000-088	57-10-02	3	15	1	210005-027	57-10-01	2	31	2
210000-091	57-10-02	3	26	1		57-10-03	4	15	2
210000-092	57-10-02	3	26	1	210006-000	57-10-02	3	14	1
210000-097	57-10-02	3	26	1	210007-000	57-10-02	3	8	1
210000-099	57-10-02	3	26	1	210007-012	57-10-01	2	32	1
210000-509	57-10-00	1	1	1	210008-000	57-10-02	3	2	1
210000-517	57-10-02	3	-	REF	210009-000	57-10-02	3	12	1
210000-519	57-10-02	3	-	1	210011-000	57-10-02	3	1	1
210000-520	57-10-02	3	-	1	210012	53-20-01	2	29	REF
210001-007	57-10-02	3	3	1	210012-000	57-10-02	3	7	1
210001-008	57-10-02	3	3	1	210013-007	57-10-01	2	25	1
210002-007	57-10-02	3	10	1		57-10-03	4	6	1
210002-008	57-10-02	3	10	1	210013-008	57-10-01	2	25	1
210003-007	57-10-02	3	4	1		57-10-03	4	6	1
210003-008	57-10-02	3	4	1	210014-007	57-10-01	2	25	1
210004	53-20-01	2	23	REF		57-10-03	4	9	1
210004-007	57-10-02	3	9	1	210014-008	57-10-01	2	25	1
210004-008	57-10-02	3	9	1		57-10-03	4	9	1
210005-001	57-10-01	2	21	1	210015-000	57-10-02	3	22	2
	57-10-02	3	37	REF	210016-000	57-10-02	3	23	2
	57-10-03	4	-	REF	210018-000	57-10-00	1	29	2
210005-002	57-10-01	2	21	1		57-10-02	3	6	1
	57-10-02	3	37	REF	210019-001	57-10-00	1	41	1
	57-10-03	4	-	REF		57-10-01	2	34	1
210005-007	57-10-01	2	22	1		57-10-04	5	17	REF
	57-10-03	4	1	1	210019-002	57-10-00	1	41	1
210005-008	57-10-01	2	22	1		57-10-01	2	34	1
	57-10-03	4	1	1		57-10-04	5	17	REF
210005-009	57-10-01	2	23	1	210019-007	57-10-01	2	34	1
	57-10-03	4	5	1		57-10-04	5	22	1
210005-010	57-10-01	2	23	1	210019-008	57-10-01	2	34	1
	57-10-03	4	5	1		57-10-04	5	22	1
210005-011	57-10-01	2	24	1	210019-009	57-10-01	2	38	1
	57-10-03	4	4	1		57-10-04	5	21	1
210005-012	57-10-01	2	24	1	210019-010	57-10-01	2	38	1
	57-10-03	4	4	1		57-10-04	5	21	1
210005-013	57-10-01	2	23	1	210019-011	57-10-01	2	35	1
	57-10-03	4	8	1		57-10-04	5	23	1
210005-014	57-10-01	2	23	1	210019-012	57-10-01	2	35	1
	57-10-03	4	8	1		57-10-04	5	23	1
210005-015	57-10-01	2	23	1	210019-013	57-10-01	2	36	1
	57-10-03	4	7	1		57-10-04	5	24	1
210005-016	57-10-01	2	23	1	210019-014	57-10-01	2	36	1
	57-10-03	4	7	1		57-10-04	5	24	1
210005-017	57-10-01	2	26	2	210019-015	57-10-01	2	37	1
	57-10-03	4	11	2		57-10-04	5	25	1

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210019-016	57-10-01	2	37	1	210028-007	57-10-00	1	8	1
210019-016	57-10-04	5	25	1	210028-008	57-10-00	1	8	1
210019-017	57-10-04	5	17	1	210028-009	57-10-00	1	8	1
210019-018	57-10-04	5	17	1	210029-003	57-10-00	1	17	1
210019-019	57-10-04	5	18	1		57-10-04	5	13	REF
210019-020	57-10-04	5	18	1	210029-004	57-10-00	1	17	1
210019-021	57-10-04	5	19	1		57-10-04	5	13	REF
210019-022	57-10-04	5	19	1	210029-009	57-10-00	1	18	1
210019-023	57-10-04	5	20	1	210029-010	57-10-00	1	18	1
210019-024	57-10-04	5	20	1	210029-011	57-10-00	1	18	2
210020-003	57-10-00	1	27	1	210029-013	57-10-00	1	18	2
210020-005	57-10-00	1	27	1	210029-015	57-10-00	1	18	2
210020-009	57-10-00	1	27	1	210029-017	57-10-00	1	18	2
210020-011	57-10-00	1	27	1	210029-019	57-10-00	1	17	1
210020-013	57-10-00	1	27	1	210029-020	57-10-00	1	17	1
210020-019	57-10-00	1	27	1	210029-023	57-10-00	1	17	2
210020-501	57-10-00	1	27	1	210029-025	57-10-00	1	17	2
210021-001	57-10-00	1	26	1	210029-027	57-10-00	1	17	1
210021-002	57-10-00	1	26	1	210029-028	57-10-00	1	17	1
210021-007	57-10-00	1	26	1	210029-033	57-10-00	1	17	1
210021-008	57-10-00	1	26	1	210029-034	57-10-00	1	17	1
210021-015	57-10-00	1	26	1	210029-035	57-10-00	1	17	1
210021-017	57-10-00	1	26	1	210029-036	57-10-00	1	17	1
210021-018	57-10-00	1	26	1	210029-037	57-10-00	1	18	1
210021-019	57-10-00	1	26	1	210029-038	57-10-00	1	18	1
210022	32-40-01	2	69	REF	210029-039	57-10-00	1	17	2
210022-001	57-10-00	1	24	1	210029-047	57-10-00	1	18	1
210022-002	57-10-00	1	24	1	210029-048	57-10-00	1	18	1
210023-007	57-10-00	1	24	1	210029-049	57-10-00	1	18	1
210023-008	57-10-00	1	24	1	210029-050	57-10-00	1	18	1
210026-009	57-10-00	1	2	1	210029-051	57-10-00	1	18	1
210026-010	57-10-00	1	2	1	210029-052	57-10-00	1	18	1
210026-011	57-10-00	1	2	1	210029-053	57-10-00	1	18	1
210026-012	57-10-00	1	2	1	210029-054	57-10-00	1	18	1
210026-013	57-10-00	1	2	1	210029-503	57-10-00	1	16	1
210026-014	57-10-00	1	2	1	210029-504	57-10-00	1	16	1
210026-015	57-10-00	1	2	1	210030-007	57-10-00	1	17	1
210026-016	57-10-00	1	2	1	210030-008	57-10-00	1	17	1
210026-019	57-10-00	1	2	1	210031-007	57-10-00	1	17	1
210026-020	57-10-00	1	2	1	210031-008	57-10-00	1	17	1
210026-021	57-10-00	1	2	1	210032-007	57-10-00	1	17	1
210026-022	57-10-00	1	2	1	210032-008	57-10-00	1	17	1
210026-023	57-10-00	1	2	2	210033-007	57-10-00	1	18	1
210026-025	57-10-00	1	5	2	210033-008	57-10-00	1	18	1
	57-10-00	1	57	1	210034-007	57-10-00	1	18	1
210026-027	57-10-00	1	4	2	210034-008	57-10-00	1	18	1
210026-029	57-10-00	1	2	1	210035-007	57-10-00	1	18	1
210026-030	57-10-00	1	2	1	210035-008	57-10-00	1	18	1
210026-509	57-10-00	1	2	1	210036-007	57-10-00	1	18	1
210026-510	57-10-00	1	2	1	210036-008	57-10-00	1	18	1
210027-009	57-10-00	1	7	1	210038-003	57-10-00	1	20	1
210027-010	57-10-00	1	7	1	210038-004	57-10-00	1	20	1
210027-011	57-10-00	1	7	1	210038-009	57-10-00	1	20	1
210027-012	57-10-00	1	7	1	210038-010	57-10-00	1	20	1
210027-013	57-10-00	1	7	1	210038-011	57-10-00	1	66	1
210027-014	57-10-00	1	7	1	210038-012	57-10-00	1	66	1
210028-001	57-10-00	1	8	1	210038-013	57-10-00	1	20	1
210028-002	57-10-00	1	8	1	210038-014	57-10-00	1	20	1

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210038-015	57-10-00	1	66	1	210052-007	57-10-00	1	39	1
210038-016	57-10-00	1	66	1	210052-008	57-10-00	1	39	1
210038-017	57-10-00	1	20	1	210053-007	57-10-00	1	38	1
210038-018	57-10-00	1	20	1	210053-008	57-10-00	1	38	1
210038-019	57-10-00	1	66	1	210054	25-20-01	2	19	REF
210038-021	57-10-00	1	66	1		32-10-00	1	9	REF
210039-009	57-10-00	1	22	1		53-40-00	1	14	REF
210039-010	57-10-00	1	22	1	210054-009	57-10-04	5	12	2
210040-009	57-10-01	2	2	1	210054-011	57-10-04	5	9	2
210040-010	57-10-01	2	2	1	210054-013	57-10-04	5	10	2
210041-009	57-10-01	2	4	1	210054-015	57-10-04	5	11	2
210041-010	57-10-01	2	4	1	210054-017	57-10-04	5	5	1
210042-001	57-10-01	2	5	1	210054-019	57-10-04	5	1	2
210042-002	57-10-01	2	5	1	210054-021	57-10-04	5	4	1
210042-007	57-10-01	2	5	1	210054-043	57-10-04	5	6	2
210042-008	57-10-01	2	5	1	210054-505	57-10-00	1	30	1
210042-009	57-10-01	2	6	1		57-10-04	5	-	1
210042-010	57-10-01	2	6	1	210055-000	57-10-04	5	3	1
210042-011	57-10-01	2	5	2	210056-000	57-10-04	5	2	1
210042-013	57-10-01	2	5	2	210057	27-50-00	1	14	REF
210042-015	57-10-01	2	5	2	210057-017	57-10-04	5	14	1
210042-016	57-10-01	2	5	2	210057-503	57-10-00	1	31	1
210043-007	57-10-01	2	7	1		57-10-04	5	14	REF
210043-008	57-10-01	2	7	1	210058-007	57-10-00	1	44	1
210043-009	57-10-01	2	8	1	210058-008	57-10-00	1	44	1
210043-010	57-10-01	2	8	1	210059-007	57-10-04	5	8	1
210044-007	57-10-01	2	9	1	210059-008	57-10-04	5	8	1
210044-008	57-10-01	2	9	1	210061-000	57-10-00	1	25	1
210044-009	57-10-01	2	10	1	210062-000	57-10-04	5	13	2
210044-010	57-10-01	2	10	1	210065-000	57-10-00	1	29	2
210045-007	57-10-01	2	11	1	210067-007	57-10-04	5	29	REF
210045-008	57-10-01	2	11	1	210067-008	57-10-04	5	29	REF
210045-009	57-10-01	2	12	1	210068-007	57-10-00	1	27	1
210045-010	57-10-01	2	12	1	210068-008	57-10-00	1	27	1
210046-007	57-10-01	2	13	1	210069-007	57-10-00	1	3	1
210046-008	57-10-01	2	13	1	210069-008	57-10-00	1	3	1
210046-009	57-10-01	2	14	1	210070	27-10-00	1	37	REF
210046-010	57-10-01	2	14	1	210070-001	57-10-01	2	32	1
210047-013	57-10-01	2	15	1	210070-002	57-10-01	2	32	1
210047-014	57-10-01	2	15	1	210070-003	57-10-01	2	32	1
210047-507	57-10-01	2	15	1	210070-004	57-10-01	2	32	1
	57-22-00	1	7	REF	210070-007	57-10-01	2	32	1
210047-508	57-10-01	2	15	1		57-10-01	2	32	1
	57-22-00	1	7	REF	210070-008	57-10-01	2	32	1
210048-007	57-10-00	1	42	3		57-10-01	2	32	1
	57-10-01	2	40	2	210070-009	57-10-01	2	32	2
210048-008	57-10-00	1	42	3	210070-011	57-10-01	2	32	1
	57-10-01	2	40	2	210071-000	57-10-00	1	47	1
210049-007	57-10-00	1	35	1		57-10-02	3	5	1
210049-008	57-10-00	1	35	1	210072-503	57-10-00	1	49	1
210050-007	57-10-00	1	43	1	210073	25-20-01	2	15	REF
	57-10-01	2	39	1		32-40-01	2	72	REF
210050-008	57-10-00	1	43	1	210073-000	57-10-00	1	47	1
	57-10-01	2	39	1	210075-501	57-10-00	1	50	1
210050-009	57-10-00	1	34	1	210076-000	57-10-00	1	48	1
210050-010	57-10-00	1	34	1	210077	53-20-01	2	25	REF
210051-007	57-10-01	2	41	1	210077-009	57-10-02	3	11	1
210051-008	57-10-01	2	41	1	210088-009	57-10-00	1	54	2

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210089-503	34-10-00	1	3	1	210109-011	53-30-00	1	9	1
210089-503	57-30-00	1	22	REF	210109-013	53-30-00	1	9	1
210092-007	57-10-01	2	44	REF	210112-001	57-10-00	1	49	8
	57-30-00	1	42	2		57-10-00	1	49	4
210092-009	57-10-01	2	44	REF	210113-505	57-30-00	1	12	2
	57-30-00	1	42	2	210114-009	57-10-01	2	42	2
210092-011	57-10-01	2	45	REF	210115-009	57-10-00	1	32	1
	57-30-00	1	44	2		57-10-04	5	14	1
210092-013	57-10-01	2	45	REF	210115-010	57-10-00	1	32	1
	57-30-00	1	44	2		57-10-04	5	14	1
210094-000	57-10-00	1	45	1	210116-007	27-20-00	1	51	REF
210095-000	57-10-00	1	46	1		57-10-02	3	38	1
210096-011	53-40-00	1	15	REF	210116-008	27-30-00	1	6	REF
	57-10-00	1	3	2		57-10-02	3	38	1
210096-013	53-40-00	1	15	REF	210117-001	27-20-00	1	51	REF
	57-10-00	1	3	2		57-10-02	3	39	1
210099	95-00-00	1	-	REF	210117-002	27-30-00	1	6	REF
210099-001	57-30-00	1	9	1		57-10-02	3	39	1
	57-30-00	1	13	2	210120	32-40-01	2	76	REF
210099-007	57-30-00	1	13	1	210120-001	57-10-00	1	25	1
	57-30-00	1	14	2	210120-002	57-10-00	1	25	1
210099-009	57-30-00	1	14	1	210120-007	57-10-00	1	25	1
	57-30-00	1	9	1	210120-008	57-10-00	1	25	1
	57-30-00	1	10	1	210120-009	57-10-00	1	40	1
	57-30-00	1	13	1	210120-010	57-10-00	1	40	1
	57-30-00	1	14	1	210120-011	57-10-00	1	25	1
210099-015	57-30-01	2	2	1	210120-012	57-10-00	1	25	1
210099-507	28-10-00	1	5	REF	210120-015	57-10-00	1	25	1
	57-30-00	1	10	2	210120-016	57-10-00	1	25	1
	57-30-01	2	-	REF	210120-017	57-10-00	1	25	2
210102-001	57-10-00	1	6	1	210120-019	57-10-00	1	25	2
210102-002	57-10-00	1	6	1	210132-001	32-10-00	1	20	REF
210102-007	57-10-00	1	6	1		57-10-02	3	47	1
210102-008	57-10-00	1	6	1	210191-003	57-30-00	1	15	2
210102-009	57-10-00	1	6	1		57-30-00	1	17	1
210102-010	57-10-00	1	6	1	210191-007	57-30-00	1	15	1
210102-011	57-10-00	1	6	1		57-30-00	1	17	1
210102-012	57-10-00	1	6	1	210191-501	57-30-00	1	15	8
210103-007	57-30-00	1	7	1		57-30-00	1	17	8
210103-008	57-30-00	1	7	1	210198-000	57-10-00	1	11	1
210104-000	57-10-00	1	36	2	210204-001	33-40-01	2	3	1
210105-501	57-10-00	1	37	2	210204-005	33-40-01	2	4	1
	57-10-01	2	42	4	210204-501	33-40-01	2	3	2
210106	57-10-01	2	42	REF	210211-501	53-20-01	2	21	2
	57-50-00	1	20	REF	210213-001	33-40-01	2	12	1
210106-501	57-10-00	1	53	1	210213-002	33-40-01	2	12	1
	57-10-01	2	33	4	210213-501	33-40-01	2	12	1
210106-502	57-10-00	1	53	1	210213-502	33-40-01	2	12	1
	57-10-01	2	33	4	210215-001	33-40-01	2	1	1
210107	57-50-01	2	8	REF	210215-002	33-40-01	2	1	1
210107-000	57-10-01	2	36	2	210216-001	33-40-01	2	9	1
	57-10-01	2	37	1	210216-002	33-40-01	2	9	1
	57-10-04	5	28	4	210216-003	33-40-01	2	10	2
210107-001	57-10-01	2	35	2	210216-501	33-40-01	2	9	1
	57-10-04	5	26	2	210216-502	33-40-01	2	9	1
210108-013	53-30-00	1	4	1	210217-001	57-10-00	1	57	1
210108-014	53-30-00	1	4	1		57-10-01	2	3	REF

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PART NO.	CH-SEC-SUB	FIG	ITEM	TTL	PART NO.	CH-SEC-SUB	FIG	ITEM	TTL
210217-002	57-10-00	1	57	1	210370-012	57-10-02	3	45	1
210217-002	57-10-01	2	3	REF	210370-013	57-10-02	3	44	1
210217-003	57-10-00	1	58	1	210370-014	57-10-02	3	44	1
	57-10-01	2	1	REF	210370-015	57-10-02	3	42	1
210217-004	57-10-00	1	58	1	210370-016	57-10-02	3	42	1
	57-10-01	2	1	REF	210370-503	57-10-02	3	40	1
210217-005	57-10-00	1	59	1	210370-504	57-10-02	3	40	1
210217-006	57-10-00	1	59	1	210371-501	57-30-00	1	8	1
210217-007	57-10-00	1	60	1	210371-502	57-30-00	1	8	1
210217-008	57-10-00	1	60	1	210379	00-00-00	1	-	REF
210217-009	57-10-00	1	61	1	210379-013	53-50-00	1	5	2
210217-010	57-10-00	1	61	1	210379-014	53-50-00	1	5	2
210217-011	57-10-00	1	63	1	210379-015	53-50-00	1	6	1
210217-013	57-10-00	1	63	1	210379-016	53-50-00	1	6	1
210217-015	57-10-00	1	63	1	210381-505	57-10-01	2	15	1
210217-017	57-10-00	1	63	1		57-22-00	1	1	REF
210217-018	57-10-00	1	63	1	210381-506	57-10-01	2	15	1
210217-019	57-10-00	1	57	1		57-22-00	1	1	REF
210217-020	57-10-00	1	57	1	210382-505	57-22-00	1	2	1
210217-021	57-10-00	1	58	1	210382-506	57-22-00	1	2	1
210217-023	57-10-00	1	59	1	210383	33-40-02	3	7	REF
210217-025	57-10-00	1	63	3	210384-001	57-22-00	1	3	1
210217-027	57-10-00	1	57	1	210384-002	57-22-00	1	3	1
210217-028	57-10-00	1	57	1	210385-003	57-22-00	1	4	1
210217-029	57-10-00	1	62	1	210385-004	57-22-00	1	4	1
210217-030	57-10-00	1	62	1	210385-005	33-40-02	3	4	1
210217-031	57-30-00	1	3	1	210385-006	33-40-02	3	4	1
210217-032	57-30-00	1	3	1	210386-001	57-22-00	1	6	1
210217-501	57-10-00	1	-	1	210386-002	57-22-00	1	6	1
210217-502	57-10-00	1	-	1	210387-501	57-10-00	1	64	1
210218-001	33-40-01	2	2	1	210387-502	57-10-00	1	64	1
210218-002	33-40-01	2	2	1	210389-001	57-10-00	1	7	1
210229-001	57-30-00	1	9	1	210389-002	57-10-00	1	7	1
210231-001	53-50-00	1	15	REF	210389-501	57-10-00	1	7	1
	57-30-00	1	28	1	210389-502	57-10-00	1	7	1
210231-002	53-50-00	1	15	REF	210390-001	57-10-00	1	57	1
	57-30-00	1	28	1	210390-501	57-10-01	2	46	REF
210231-003	53-10-03	4	49	1	210393-019	57-10-01	2	50	1
210241-007	57-30-00	1	11	4	210393-027	57-10-01	2	48	1
210356-001	27-40-01	2	11	REF	210393-507	57-10-00	1	57	1
	57-10-00	1	46	1		57-10-01	2	47	1
210357-001	57-30-00	1	37	1	210393-508	57-10-00	1	57	1
210357-002	57-30-00	1	37	1		57-10-01	2	47	1
210368-001	32-10-00	1	4	1	210394-001	57-10-00	1	7	2
210368-002	32-10-00	1	4	1	210395-501	28-20-00	1	34	REF
210368-501	32-10-00	1	4	1		57-10-00	1	2	2
210368-502	32-10-00	1	4	1	210398-007	53-30-00	1	6	1
210370-001	57-10-02	3	45	1		53-50-00	1	4	REF
210370-002	57-10-02	3	45	1	210398-008	53-30-00	1	6	1
210370-003	57-10-02	3	45	1		53-50-00	1	4	REF
210370-004	57-10-02	3	45	1	210399-001	57-10-01	2	50	1
210370-005	57-10-02	3	45	1	210401-003	57-30-00	1	38	1
210370-006	57-10-02	3	45	1	210401-004	57-30-00	1	38	1
210370-007	57-10-02	3	41	1	210402-001	57-10-00	1	28	2
210370-008	57-10-02	3	41	1	210403-001	53-30-00	1	5	1
210370-009	57-10-02	3	43	1	210403-002	53-30-00	1	5	1
210370-010	57-10-02	3	43	1	210405	25-20-01	2	38	REF
210370-011	57-10-02	3	45	1	210405-001	57-10-02	3	16	2

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PART NO.	CH-SEC-SUB	FIG	ITEM	TTL	PART NO.	CH-SEC-SUB	FIG	ITEM	TTL
210405-501	57-10-02	3	16	2	220000	95-20-00	1	5	REF
210408	25-20-01	2	14	REF	220000-017	57-30-00	1	2	1
210408-501	57-10-00	1	24	1	220000-018	57-30-00	1	2	1
210408-502	57-10-00	1	24	1	220000-021	57-30-00	1	35	1
210409-003	33-40-02	3	2	1	220000-022	57-30-00	1	35	1
210409-005	33-40-02	3	1	1	220000-027	32-40-01	2	80	REF
210409-006	33-40-02	3	1	1		57-10-00	1	28	1
210411	32-40-01	2	74	REF	220000-028	57-10-00	1	28	1
210411-005	57-30-00	1	38	1	220000-029	57-10-00	1	9	1
210411-006	57-30-00	1	38	1	220000-030	57-10-00	1	11	1
210411-007	57-30-00	1	38	1	220000-031	57-10-00	1	10	1
210411-501	57-30-00	1	38	1	220000-032	57-10-00	1	12	1
210411-502	57-30-00	1	38	1	220000-034	57-10-00	1	14	1
210413	95-00-00	1	-	REF	220000-061	57-30-00	1	1	1
210413-501	33-40-02	3	-	REF	220000-063	57-30-00	1	1	1
210413-502	33-40-02	3	-	REF	220000-100	57-10-00	1	13	1
210414-501	57-30-00	1	-	1	220000-102	57-10-00	1	15	1
210414-502	57-30-00	1	-	1	220000-121	57-30-00	1	31	1
210415-501	57-10-00	1	17	2	220000-122	57-30-00	1	31	1
210417	33-40-00	1	3	REF	220000-124	57-10-01	2	19	1
210417-501	33-40-01	2	-	1	220000-125	57-10-01	2	20	1
210417-502	33-40-01	2	-	1	220000-126	57-10-01	2	20	1
210418	00-00-00	1	-	REF	220000-127	57-10-01	2	18	1
210418-001	33-40-01	2	14	1	220000-128	57-10-01	2	18	1
210418-002	33-40-01	2	14	1	220000-129	57-10-01	2	18	1
210418-003	33-40-01	2	15	1	220000-130	57-10-01	2	18	1
210418-501	33-40-01	2	13	REF	220000-131	57-10-01	2	17	1
210418-502	33-40-01	2	13	REF	220000-132	57-10-01	2	17	1
210419-003	57-10-00	1	49	2	220000-133	57-10-01	2	17	1
210419-501	57-10-00	1	49	1	220000-134	57-10-01	2	17	1
211	95-40-00	1	-	1	220000-135	57-10-01	2	16	1
212-12	53-10-03	4	52	5	220000-136	57-10-01	2	16	1
212-12	53-30-00	1	3	12	220000-137	57-10-01	2	19	1
212-12	53-30-00	1	9	1	220000-159	57-30-00	1	39	1
212-12	53-30-00	1	9	1	220000-160	57-30-00	1	39	1
212-12	53-30-00	1	10	2	220000-213	57-30-00	1	6	1
212-12	53-30-00	1	12	3	220000-214	57-30-00	1	6	1
212-12	53-30-00	1	12	3	220000-219	57-30-00	1	40	1
212-12	53-30-00	1	13	4	220000-220	57-30-00	1	40	1
212-12	53-30-00	1	13	4	220000-227	57-30-00	1	5	1
212-12	53-30-00	1	14	10	220000-228	57-30-00	1	5	1
212-12	53-30-00	1	14	10	220000-235	57-30-00	1	4	1
212-12	71-10-00	1	17	14	220000-236	57-30-00	1	4	1
212-12	71-60-00	1	1	7	220000-559	53-40-00	1	1	1
212701	39-40-01	1	18	1		57-10-00	1	-	REF
212CW	37-00-00	1	37	1		57-10-01	2	-	REF
214-16	53-20-00	1	8	17	220004-007	57-10-00	1	65	1
214-16	71-10-00	1	8	12	220004-008	57-10-00	1	65	1
214-3	32-40-00	1	18	2	220004-009	57-10-00	1	65	1
214-4	32-40-00	1	20	2	220004-019	57-10-00	1	66	1
2157	53-20-02	3	19	1	220004-020	57-10-00	1	66	1
2157	53-20-02	3	21	1	220004-021	57-10-00	1	66	1
217-1	32-40-00	1	19	1	220004-022	57-10-00	1	66	1
220000	28-10-00	1	4	REF	220008-539	53-40-00	1	1	1
220000	33-40-01	2	-	REF	22-1280-04	37-00-00	1	20	1
220000	57-30-00	1	-	REF	22K2-02	56-20-01	2	7	1
220000	57-30-01	2	6	REF	22NA1-02	55-20-00	1	8	1
220000	95-10-00	1	7	REF		55-40-00	1	13	1

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22NA1-02	55-40-00	1	25	2	240014-006	57-50-00	1	6	10
22NA17-02	57-10-02	3	25	1	240014-021	57-50-00	1	4	1
22NA17A-02	55-40-00	1	14	1	240014-022	57-50-00	1	4	1
22NA1K-02	57-10-00	1	57	5	240014-025	57-50-00	1	14	1
	57-30-00	1	13	22	240014-026	57-50-00	1	14	1
	57-30-00	1	14	22	240014-027	57-50-00	1	17	1
	57-30-00	1	15	8	240014-028	57-50-00	1	17	1
	57-30-00	1	17	8	240014-031	57-50-00	1	15	1
22NA1K3-02	28-10-00	1	5	22	240014-032	57-50-00	1	15	1
	28-20-00	1	42	REF	240014-067	57-50-00	1	3	1
	57-10-02	3	27	1	240014-068	57-50-00	1	3	1
	57-30-00	1	9	18	240014-069	57-50-00	1	16	1
	57-30-00	1	10	22	240014-070	57-50-00	1	16	1
	57-30-01	2	3	22	240014-071	57-50-00	1	19	1
22NA1K3-62	28-20-00	1	41	REF	240014-072	57-50-00	1	19	1
	57-10-00	1	5	5	240014-073	57-50-00	1	8	1
22NA5-62	52-10-00	1	25	3	240014-074	57-50-00	1	8	1
230011-000	57-50-01	2	17	2	240014-075	57-50-00	1	5	1
230015	27-10-00	1	41	REF	240014-076	57-50-00	1	5	1
230015-003	57-50-01	2	3	1	240014-077	57-50-00	1	7	2
230015-004	57-50-01	2	3	1	240014-078	57-50-00	1	7	2
230015-005	57-50-01	2	6	2	240014-079	57-50-00	1	11	1
230015-006	57-50-01	2	6	2	240014-080	57-50-00	1	11	1
230015-007	57-50-01	2	4	1	240014-081	57-50-00	1	10	2
230015-008	57-50-01	2	4	1	240014-082	57-50-00	1	10	2
230015-009	57-50-01	2	5	1	240014-083	57-50-00	1	9	1
230015-010	57-50-01	2	5	1	240014-084	57-50-00	1	9	1
230015-011	57-50-01	2	12	1	240014-085	57-50-00	1	18	2
230015-012	57-50-01	2	12	1	240014-509	53-40-00	1	1	1
230015-013	57-50-01	2	13	1		57-50-00	1	1	REF
230015-014	57-50-01	2	13	1	240014-510	53-40-00	1	1	1
230015-015	57-50-01	2	2	1		57-50-00	1	1	REF
230015-017	57-50-01	2	14	2	240022-003	57-50-00	1	12	3
230015-019	57-50-01	2	16	2	240022-005	57-50-00	1	13	1
230015-020	57-50-01	2	16	2	240022-006	57-50-00	1	13	1
230015-021	57-50-01	2	15	1	240023-003	57-50-00	1	11	1
230015-027	57-50-01	2	10	1	240024-001	57-50-00	1	22	1
230015-029	57-50-01	2	9	1	240024-002	57-50-00	1	22	1
230015-030	57-50-01	2	9	1	240025-001	57-50-00	1	21	1
230015-033	57-50-01	2	7	2	240025-002	57-50-00	1	21	1
230015-507	53-40-00	1	1	1	242CW	37-00-00	1	1	1
230015-508	53-40-00	1	1	1	249-01	35-00-00	1	65	1
230015-509	57-50-01	2	1	REF	2492-315	52-30-00	1	7	1
230015-510	57-50-01	2	1	REF	26.72.03	32-30-01	2	49	22
230018-501	57-50-01	2	25	2	2600SW2	71-10-00	1	18	7
230052-001	57-50-01	2	21	1		71-10-00	1	18	8
230052-011	57-50-01	2	21	1		71-10-00	1	19	7
230052-013	57-50-01	2	19	1		53-30-00	1	1	20
230053-001	57-50-01	2	20	1		53-30-00	1	2	22
230053-002	57-50-01	2	20	1		53-30-00	1	3	6
230054-001	57-50-01	2	22	1	2650-12	71-00-00	1	26	1
230054-002	57-50-01	2	22	1	2650-22	21-50-00	1	4	AR
23-110C-5A	39-10-00	1	-	1	2650-28	28-20-00	1	14	AR
23599-21	35-00-00	1	41	1		28-20-00	1	22	AR
23599-22	35-00-00	1	40	3	2650-30	21-50-00	1	3	AR
23719-00	11-30-00	1	80	4	266-P-04X02	32-40-01	2	34	1
240014-	27-50-00	1	21	REF	26875-76	35-00-00	1	16	1
240014-005	57-50-00	1	6	10	269/088/014	52-30-00	1	7	1

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269P x 1/4 x 1/8	32-40-01	2	92	1	310139-001	52-30-00	1	30	1
2700-3S	71-10-00	1	18	7	310143	52-10-00	1	49	REF
	71-10-00	1	18	8	310143-003	53-10-00	1	11	1
2700-3S	71-10-00	1	19	7	310143-505	53-10-00	1	11	1
2713	25-00-00	1	44	4	310225-011	52-10-00	1	1	1
27445-002	35-00-00	1	5	1	310225-505	52-10-00	1	1	1
27445-115	35-00-00	1	44	1	310226-000	53-10-00	1	10	1
27S3-5	53-30-00	1	1	12	310227-009	53-10-00	1	12	1
	53-30-00	1	2	14	310227-010	53-10-00	1	12	1
	53-30-00	1	3	4	310248-000	52-10-00	1	52	1
27S3-6	53-30-00	1	1	2	310254-003	53-10-00	1	22	1
	53-30-00	1	2	2		56-20-01	2	16	REF
	53-30-00	1	3	2	310254-501	53-10-00	1	22	1
27S3-7	53-30-00	1	1	6	310259-001	53-10-00	1	21	1
	53-30-00	1	2	6		56-20-00	1	3	REF
2802	32-40-01	2	82	4	310259-002	53-10-00	1	21	1
28314-19	35-00-00	1	66	3		56-20-00	1	3	REF
28C214CW-2	37-00-00	1	27	1	310265-501	53-20-02	3	10	1
29641	25-10-00	1	37	1	310268-501	53-20-02	3	11	1
29-761	32-30-01	2	57	1	310271-001	52-10-00	1	47	1
2A34C239	61-10-00	1	9	1		52-30-00	1	30	1
2E1260	30-60-00	1	4	12	310294-501	52-10-00	1	35	1
2E1301	30-60-00	1	6	3	310298-503	52-10-00	1	18	1
2H3-39	37-00-00	1	15	1	310300-003	52-10-00	1	32	1
2H3-47	37-00-00	1	15	1	310300-501	52-10-00	1	32	1
2K82-10-10-2	37-00-00	1	35	1	310300-503	52-30-00	1	15	1
2N5884	39-40-01	1	16	1	310301	52-10-00	1	27	REF
2N6401	39-40-01	1	15	1	310301-501	25-00-00	1	32	1
3/8IDX093WT	21-50-00	1	88	AR	310303-001	52-10-00	1	34	1
3/8 - 16 X .50 LG	71-00-01	2	12	1	310303-003	52-10-00	1	34	1
3021	32-40-00	1	9	1	310304-011	52-10-00	1	29	1
3022	32-40-00	1	6	2		52-10-00	1	31	1
3023	32-40-00	1	10	1	310304-013	52-10-00	1	31	1
30-65	32-10-00	1	39	1	310304-017	52-10-00	1	29	1
	32-40-01	2	86	REF	310304-019	52-10-00	1	29	1
310006-501	52-10-00	1	38	1		52-10-00	1	31	1
310009-509	52-30-00	1	23	1	310304-501	52-10-00	1	29	1
310016-011	56-20-01	2	3	1	310304-503	52-10-00	1	31	1
310021-001	52-30-00	1	25	1	310306-001	53-10-01	2	62	1
310024-000	52-30-00	1	5	2	310308-001	52-10-00	1	3	1
310036-000	53-10-02	3	4	1	310308-003	52-10-00	1	3	1
310061-000	52-10-00	1	50	1	310308-005	52-10-00	1	3	1
310061-005	52-10-00	1	50	1	310308-501	52-10-00	1	3	1
310068-000	52-10-00	1	24	1	310310-005	53-10-00	1	3	1
310077-000	52-10-00	1	45	1		56-20-00	1	6	REF
	52-30-00	1	37	1	310313-004	53-10-00	1	4	REF
310080-007	52-10-00	1	11	3		56-20-00	1	8	1
310080-011	52-10-00	1	10	1	310313-005	53-10-00	1	4	REF
310080-505	52-10-00	1	10	1		56-20-00	1	8	1
310095-000	52-10-00	1	53	1	310313-505	53-10-00	1	2	1
310108-507	53-10-00	1	47	1		56-20-00	1	-	REF
310108-509	53-10-00	1	47	1	310314-001	56-20-00	1	2	1
310109-000	34-10-00	1	27	1	310314-002	56-20-00	1	2	1
310118-503	52-10-00	1	46	1	310315-001	56-20-00	1	7	1
310120-007	52-30-00	1	28	1	310316-003	56-20-00	1	1	1
310121-505	52-30-00	1	28	1	310324	32-40-02	3	34	REF
310122-501	52-30-00	1	28	1	310324-001	53-30-00	1	9	1
310139-001	52-10-00	1	47	1	310324-003	53-30-00	1	9	1

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310324-011	53-30-00	1	9	1	310338-501	53-30-00	1	1	1
	53-30-00	1	9	1	310338-503	53-30-00	1	2	1
310324-501	32-40-01	2	63	REF	310338-505	53-30-00	1	3	1
310324-501	53-30-00	1	9	1	310339-503	53-30-00	1	-	REF
310324-503	53-30-00	1	9	1		53-50-00	1	2	REF
310327-001	53-30-00	1	14	1	310341-003	53-10-00	1	53	1
310327-002	53-30-00	1	14	1	310341-005	53-10-00	1	50	1
310327-003	53-30-00	1	13	1	310341-006	53-10-00	1	50	1
	53-30-00	1	14	1	310342	32-40-01	2	37	REF
310327-004	53-30-00	1	13	1	310342-009	53-10-00	1	55	2
	53-30-00	1	14	1	310342-011	53-10-00	1	55	1
310327-005	53-30-00	1	14	1	310342-507	32-40-02	3	3	REF
310327-006	53-30-00	1	14	1		53-10-00	1	55	1
310327-007	53-30-00	1	14	1		53-30-00	1	8	REF
310327-008	53-30-00	1	14	1	310342-509	53-10-00	1	55	1
310327-009	53-30-00	1	14	1	310343	53-20-01	2	50	REF
310327-010	53-30-00	1	14	1	310343-001	53-10-00	1	54	1
310327-011	53-30-00	1	13	1	310343-501	53-10-00	1	54	1
	53-30-00	1	13	1	310344-001	53-30-00	1	12	1
	53-30-00	1	14	1	310344-002	53-30-00	1	12	1
	53-30-00	1	14	1	310344-003	53-30-00	1	13	1
310327-015	53-30-00	1	14	1	310344-004	53-30-00	1	13	1
310327-016	53-30-00	1	14	1	310344-005	53-30-00	1	12	1
310327-017	53-30-00	1	14	1	310344-006	53-30-00	1	12	1
310327-018	53-30-00	1	14	1	310344-007	53-30-00	1	12	1
310327-501	53-30-00	1	14	1	310344-501	53-30-00	1	12	1
310327-502	53-30-00	1	14	1	310344-502	53-30-00	1	12	1
310330	32-40-01	2	53	REF	310344-503	53-30-00	1	13	1
310330-503	53-10-00	1	12	1	310344-504	53-30-00	1	13	1
310330-504	53-10-00	1	12	1	310346	32-40-01	2	88	REF
310332-007	53-20-01	2	42	1	310346-001	27-50-01	2	10	REF
310332-009	53-20-01	2	42	1		53-30-00	1	10	1
310334-001	52-10-00	1	44	2	310346-501	27-40-01	2	10	REF
	56-20-01	2	26	2		53-30-00	1	10	1
310335-001	53-10-00	1	56	1	310347-501	52-10-00	1	27	1
310335-002	53-10-00	1	56	1	310348-001	53-10-00	1	51	1
310335-501	32-21-00	1	7	REF	310348-003	53-10-00	1	51	1
	53-10-00	1	56	1	310348-007	53-10-00	1	52	1
310335-502	53-10-00	1	56	1	310348-009	53-10-00	1	52	1
310336	37-00-00	1	54	REF	310348-011	53-10-00	1	51	1
310336-501	53-10-00	1	49	1	310348-013	53-10-00	1	51	1
310337-001	53-10-00	1	33	1	310348-505	53-10-00	1	52	1
310337-002	53-10-00	1	33	1	310348-506	53-10-00	1	52	1
310337-003	53-10-00	1	35	1	310349-007	53-10-00	1	9	1
310337-004	53-10-00	1	35	1	310349-501	53-10-00	1	11	1
310337-005	53-10-00	1	36	1	310349-503	21-40-00	1	16	REF
310337-006	53-10-00	1	36	1		53-10-00	1	9	1
310337-009	53-10-00	1	31	1		53-10-00	1	11	1
310337-010	53-10-00	1	31	1	310349-511	21-40-00	1	36	REF
310337-011	53-10-00	1	32	1		53-10-00	1	9	1
	56-20-01	2	34	REF	310356-011	53-10-00	1	51	1
310337-012	53-10-00	1	32	1	310356-012	53-10-00	1	51	1
	56-20-01	2	34	REF	310356-501	53-10-00	1	51	1
310337-015	53-10-00	1	26	1	310356-502	53-10-00	1	51	1
310337-016	53-10-00	1	26	1	310357-501	53-10-00	1	50	1
310338-027	53-30-00	1	1	2	310357-502	53-10-00	1	50	1
	53-30-00	1	2	2	310359-001	25-20-02	3	29	2
	53-30-00	1	3	2	310359-003	25-20-02	3	30	2

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310359-005	25-20-02	3	31	2	330	32-30-00	1	38	1
310361-001	37-00-00	1	53	1	33-05330245-0	25-00-00	1	12	1
31880	27-60-00	1	18	4	33-06230359-0	33-40-03	4	4	1
320001-027	53-10-00	1	13	AR	33-07211622-0	57-22-00	1	23	1
320009-083	53-10-00	1	39	1	340004-007	53-20-01	2	18	2
	56-20-01	2	9	REF	340004-009	53-20-01	2	17	2
320013-061	53-10-00	1	17	AR	340006-000	53-10-01	2	64	1
320033-001	53-10-00	1	37	1	340007-000	53-10-02	3	3	2
320033-017	53-10-00	1	37	2	340008-502	53-10-01	2	61	1
320033-019	53-10-00	1	37	1	340008-503	53-10-01	2	60	1
320037-003	53-10-00	1	38	1		56-20-01	2	17	REF
320041-007	53-10-00	1	43	1	340015-000	53-10-01	2	52	2
320041-009	53-10-00	1	43	1	340016-001	53-10-01	2	13	1
320041-035	53-10-00	1	42	1	340016-002	53-10-01	2	13	1
320041-037	53-10-00	1	17	2	340019-000	53-10-01	2	63	3
320044	53-10-03	4	67	REF	340020-000	53-10-02	3	4	1
320044-013	53-10-00	1	8	1	340020-001	53-10-02	3	29B	1
	56-20-01	2	27	REF	340020-002	53-10-02	3	29B	1
320044-014	53-10-00	1	8	1	340023-000	53-10-01	2	59	1
	56-20-01	2	28	REF	340024-000	53-10-01	2	59	4
320044-015	53-10-00	1	24	1	340026-007	53-10-01	2	70	2
320044-017	53-10-00	1	25	1	340028-007	53-10-02	3	4	1
320044-019	53-10-00	1	23	1		53-10-02	3	7	1
320044-020	53-10-00	1	23	1	340031-001	53-10-01	2	23	1
320044-025	53-10-00	1	5	1	340031-002	53-10-01	2	23	1
320044-027	53-10-00	1	5	1	340031-009	53-10-01	2	22	2
320044-029	53-10-00	1	6	1	340031-011	53-10-01	2	24	2
320044-030	53-10-00	1	6	1	340034-007	53-10-01	2	38	1
320044-033	53-10-00	1	30	1	340034-008	53-10-01	2	38	1
	56-20-01	2	37	REF	340035-501	53-10-01	2	47	2
320044-034	53-10-00	1	30	1	340035-502	53-10-01	2	47	1
	56-20-01	2	37	REF	340038-000	53-10-01	2	68	2
320044-037	53-10-00	1	1A	1	340039-007	53-10-02	3	70	1
	56-20-00	1	4	REF	340039-009	53-10-02	3	74	1
	56-20-01	2	12	REF	340039-011	53-10-02	3	80	1
320044-039	53-10-00	1	9	1	340039-013	53-10-02	3	69	1
320044-041	53-10-00	1	1	1	340040-007	53-10-01	2	21	1
320044-043	53-10-00	1	29	1	340040-008	53-10-01	2	8	2
	56-20-01	2	36	REF		53-10-01	2	21	1
320044-044	53-10-00	1	29	1	340040-009	53-10-01	2	21	1
	56-20-01	2	36	REF	340040-010	53-10-01	2	21	1
320044-045	53-10-00	1	28	1	340040-011	53-10-01	2	21	2
	56-20-01	2	31	REF		53-10-01	2	42	2
320044-046	53-10-00	1	28	1	340040-013	53-10-01	2	8	1
	56-20-01	2	31	REF		53-10-01	2	30	2
320044-505	56-20-01	2	-	REF		53-10-01	2	34	2
320044-509	53-40-00	1	2	1	340040-015	53-10-01	2	8	1
320044-511	53-10-00	1	-	REF	340043-001	53-10-01	2	15	1
320046-003	53-10-00	1	45	1	340048-007	53-10-01	2	37	1
320046-005	53-10-00	1	44	1	340048-008	53-10-01	2	37	1
320046-007	53-10-00	1	46	2	340049	32-40-01	2	4	REF
320046-009	53-10-00	1	41	1		32-40-02	3	8	REF
320046-011	53-10-00	1	40	1	340049-001	53-10-01	2	12	1
320046-013	53-10-00	1	42	1	340049-002	53-10-01	2	12	1
320046-015	53-10-00	1	44	1	340051-007	53-40-00	1	8	AR
320046-017	53-10-00	1	45	1	340051-008	53-40-00	1	8	AR
3210310-005	39-10-01	2	23	REF	340051-009	53-40-00	1	8	1
32F648	25-10-01	2	8	1	340051-010	53-40-00	1	8	1

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340052-013	53-20-01	2	48	AR	340155	39-40-00	1	7	REF
340053-015	53-20-01	2	44	1		53-10-03	4	62	REF
340053-017	53-20-01	2	46	1		53-20-01	2	4	REF
340055-007	53-20-01	2	26	1		53-20-01	2	5	REF
340055-008	53-20-01	2	27	1		53-20-01	2	7	REF
340068-003	56-20-01	2	22	8		53-20-01	2	20	REF
340076-007	52-10-00	1	1	AR		53-20-02	3	4	REF
340076-015	52-10-00	1	1	AR		56-20-00	1	5	REF
340078-007	52-10-00	1	54	1		56-20-01	2	10	REF
340078-015	52-10-00	1	55	1		56-20-01	2	35	REF
340078-023	53-10-03	4	66	1	340155-007	53-10-01	2	19	2
340078-025	52-30-00	1	38	REF	340155-009	53-10-01	2	36	2
	53-10-03	4	63	1	340155-021	53-10-01	2	6	2
340078-029	52-10-00	1	56	1	340155-025	53-10-02	3	4	1
340078-039	53-10-03	4	64	1	340155-029	53-10-01	2	50	1
340078-045	25-00-00	1	37	1	340155-030	53-10-01	2	50	1
	52-10-00	1	58	REF	340155-031	53-10-01	2	44	1
340078-047	25-00-00	1	16	1	340155-032	53-10-01	2	44	1
340079-001	53-10-02	3	91	2	340155-037	53-10-01	2	44	5
340083-003	53-10-02	3	6	2	340155-039	53-10-02	3	21	2
340083-501	53-10-02	3	6	2	340155-041	53-10-02	3	24	2
340084-001	53-10-01	2	53	1	340155-043	53-10-02	3	23	1
340084-501	53-10-01	2	53	1	340155-045	53-10-02	3	27	2
340084-502	53-10-01	2	53	1	340155-047	53-10-02	3	35	2
340115-000	53-10-02	3	40	2	340155-049	53-10-01	2	77	1
340124-013	52-10-00	1	1	AR		53-10-02	3	11	1
340124-017	52-10-00	1	8	1	340155-050	53-10-01	2	77	1
340124-025	52-10-00	1	2	1		53-10-02	3	11	1
340124-029	52-10-00	1	19	1	340155-051	53-10-01	2	4	1
340124-031	52-10-00	1	43	1	340155-052	53-10-01	2	4	1
	52-30-00	1	39	1	340155-053	53-10-01	2	9	1
340124-041	52-10-00	1	2	1	340155-054	53-10-01	2	9	1
340124-043	52-10-00	1	23	1	340155-055	53-10-02	3	28	4
340124-515	52-10-00	1	-	REF	340155-061	53-10-01	2	54	1
	53-10-00	1	14	1	340155-063	53-10-01	2	7	1
	56-20-01	2	21	REF	340155-064	53-10-01	2	7	1
340125-001	56-20-01	2	4	2	340155-067	53-10-01	2	32	1
340131	32-40-01	2	55	REF	340155-069	53-10-01	2	29	1
340131-017	53-20-01	2	60	2	340155-071	53-10-01	2	58	1
340131-019	53-20-01	2	55	1	340155-077	53-10-01	2	28	2
340131-021	53-20-01	2	58	1	340155-089	53-10-01	2	12	2
340131-507	53-10-00	1	48	1	340155-121	53-10-02	3	10	1
	53-20-01	2	54	REF	340155-123	53-10-02	3	9	2
340155	25-20-02	3	32	REF	340155-125	53-10-02	3	8	1
	27-10-00	1	10	REF	340155-127	53-10-02	3	8	1
	27-10-00	1	16	REF	340155-129	53-10-02	3	8	1
	27-10-00	1	19	REF	340155-133	53-10-02	3	11	1
	27-10-00	1	29	REF	340155-137	53-10-02	3	9	1
	27-10-00	1	56	REF	340155-141	53-10-02	3	29	1
	27-10-00	1	61	REF	340155-143	53-10-02	3	32	2
	27-20-00	1	10	REF	340155-145	53-10-02	3	37	2
	27-20-00	1	36	REF	340155-147	53-10-02	3	31	1
	32-20-00	1	5	REF	340155-149	53-10-01	2	17	1
	32-30-00	1	4	REF	340155-151	53-10-02	3	22	2
	32-40-01	2	32	REF		53-10-02	3	26	2
	32-40-02	3	31	REF	340155-157	53-10-02	3	48	2
	35-00-00	1	58	REF	340155-159	53-10-02	3	49	2
	37-00-00	1	26	REF	340155-161	53-10-02	3	41	1

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PART NO.	CH-SEC-SUB	FIG	ITEM	TTL	PART NO.	CH-SEC-SUB	FIG	ITEM	TTL
340155-163	53-10-02	3	46	2	340155-293	53-10-02	3	90	2
340155-165	53-10-02	3	42	2	340155-299	53-10-01	2	20	2
340155-167	53-10-02	3	39	1	340155-301	53-10-01	2	26	2
340155-169	53-10-01	2	46	2	340155-303	53-10-01	2	3	2
340155-171	53-10-02	3	54	REF	340155-305	53-10-01	2	35	1
340155-173	53-10-01	2	27	2	340155-309	53-10-01	2	10	1
340155-175	53-10-01	2	5	2	340155-311	53-10-01	2	15	1
340155-177	53-10-01	2	25	2	340155-317	53-10-02	3	81	1
340155-179	53-10-01	2	67	2	340155-319	53-10-02	3	82	1
340155-183	53-10-01	2	11	1	340155-321	53-10-02	3	86	1
340155-189	53-10-01	2	41	2	340155-331	53-10-02	3	88	1
340155-191	53-10-02	3	47	1	340155-335	53-10-02	3	50	2
340155-193	53-10-01	2	39	2	340155-337	32-40-01	2	56	REF
340155-195	53-10-01	2	33	1		53-10-02	3	51	1
340155-197	53-10-02	3	89	1	340155-345	53-10-01	2	74	1
340155-203	53-10-02	3	60	1		53-10-02	3	2	REF
340155-205	53-10-02	3	59	2	340155-347	53-10-02	3	22	2
340155-207	53-10-02	3	58	2	340155-349	53-10-02	3	22	2
340155-209	53-10-02	3	65	2	340155-351	53-10-01	2	75	1
340155-211	53-10-02	3	57	4		53-10-02	3	20	REF
340155-215	53-10-01	2	2	1	340155-521	53-10-00	1	20	1
340155-216	53-10-01	2	2	1	340155-525	53-10-01	2	-	REF
340155-217	53-10-02	3	36A	1		53-10-02	3	-	REF
340155-219	53-10-02	3	63	1	340156	95-10-00	1	3	REF
340155-227	53-10-02	3	64	1	340156-017	53-20-01	2	10	4
340155-228	53-10-02	3	61	1	340156-057	53-20-01	2	16	1
340155-233	32-40-02	3	14	REF	340156-067	53-20-01	2	12	2
	53-10-02	3	56	1	340156-069	53-20-01	2	11	2
340155-235	53-10-02	3	8	1	340156-073	53-20-01	2	40	1
340155-237	53-10-01	2	69	1	340156-075	53-20-01	2	39	1
	53-10-02	3	66	REF	340156-083	53-20-01	2	45	1
340155-239	53-10-01	2	69	1	340165-001	53-10-02	3	85	1
	53-10-02	3	66	REF	340165-501	53-10-02	3	84	1
340155-241	53-10-02	3	83	1	340167	53-20-01	2	9	REF
340155-243	53-10-02	3	79	1	340167-005	53-10-01	2	17	1
340155-245	53-10-02	3	78	1	340167-007	53-10-01	2	17	1
340155-247	53-10-02	3	77	1	340167-503	53-10-01	2	16	1
340155-249	53-10-02	3	72	1	340168-001	53-40-00	1	10	1
340155-251	53-10-02	3	76	1	340168-002	53-40-00	1	10	1
340155-253	53-10-02	3	75	1	340170-501	53-10-01	2	57	1
340155-255	53-10-02	3	73	1	340173-501	53-10-01	2	65	2
340155-257	53-10-02	3	71	1	340173-503	53-10-01	2	66	1
340155-259	53-10-02	3	87	1	340177-000	53-10-01	2	46	2
340155-261	53-10-02	3	67	1	340178-000	53-10-01	2	18	2
340155-263	53-10-02	3	68	1	340187-001	53-20-01	2	47	1
340155-269	53-10-02	3	36	1	340187-003	53-20-01	2	47	2
340155-270	53-10-02	3	36	1	340194-003	53-20-02	3	3	1
340155-271	53-10-02	3	33	1	340194-501	53-20-02	3	3	1
340155-272	53-10-02	3	33	1	340194-507	53-20-02	3	3	1
340155-273	53-10-02	3	30	2	340201-000	53-10-01	2	56	1
340155-275	53-10-01	2	48	2	340206	27-50-00	1	24	REF
340155-277	53-10-01	2	45	2	340206-011	53-20-02	3	12	1
340155-279	53-10-01	2	55	1	340220-001	56-20-01	2	1	1
340155-281	53-10-01	2	72	2	340220-003	56-20-01	2	18	1
340155-283	53-10-01	2	49	2	340220-501	53-10-00	1	7	1
340155-285	53-10-01	2	51	2	340220-503	56-20-01	2	-	REF
340155-289	53-10-01	2	43	2	34-0226010-91	33-40-03	4	3	1
340155-291	53-10-01	2	40	2	340228-001	53-10-02	3	5	1

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PART NO.	CH-SEC-SUB	FIG	ITEM	TTL	PART NO.	CH-SEC-SUB	FIG	ITEM	TTL
340228-002	53-10-02	3	5	1	340293-507	53-10-02	3	12	REF
34-0228030-85	57-22-00	1	24	1	340295	25-00-01	2	8	REF
340229-001	53-10-02	3	5	1		27-10-00	1	55	REF
340229-002	53-10-02	3	5	1	340295	27-40-00	1	3	REF
340231-501	52-10-00	1	2A	1		28-20-00	1	8	REF
340232-501	52-10-00	1	2A	1		28-20-00	1	11	REF
340233-001	52-10-00	1	1	1		32-30-00	1	32	REF
340234-501	52-10-00	1	1	1		32-30-01	2	24	REF
340241-007	53-20-02	3	16	1		32-30-01	2	39	REF
340242	00-00-00	1	-	REF		32-30-01	2	48	REF
340242-503	53-20-02	3	-	REF		32-30-01	2	51	REF
340264-001	53-10-01	2	1	1		32-40-01	2	30	REF
340276-001	52-10-00	1	34	1		32-40-01	2	43	REF
340277-501	52-10-00	1	20	1		32-40-01	2	60	REF
340283-001	53-10-02	3	34	1		53-20-02	3	25	REF
340283-002	53-10-02	3	34	1	340295-003	53-20-01	2	43	1
340285-007	56-20-01	2	30	1	340295-005	53-20-01	2	2	1
340285-008	56-20-01	2	30	1	340295-507	53-20-01	2	1	REF
340285-011	56-20-01	2	40	1	340296-501	53-10-02	3	52	1
340285-012	56-20-01	2	40	1	340297	21-40-00	1	29	REF
340285-019	56-20-01	2	14	1	340297-051	53-20-02	3	23	1
340285-029	56-20-01	2	19	1	340297-509	32-40-01	2	57	REF
340285-067	53-10-00	1	27	1	340298	53-60-00	1	10	REF
	56-20-01	2	32	REF	340298-001	53-10-03	4	68	1
340285-068	53-10-00	1	27	1	340298-003	53-10-03	4	68	3
	56-20-01	2	32	REF	340298-501	53-10-00	1	34	REF
340285-069	56-20-01	2	13	1		53-10-03	4	68	1
340285-071	56-20-01	2	11	1	340298-503	53-10-03	4	68	1
340285-073	56-20-01	2	33	1	340299-005	34-10-00	1	42	1
340285-074	56-20-01	2	33	1	34-155-161	53-10-02	3	39	1
340285-075	56-20-01	2	29	1	345631A	39-40-01	1	21	1
340285-076	56-20-01	2	29	1	350000-011	53-10-03	4	3	1
340285-077	56-20-01	2	38	1	350000-012	53-10-03	4	4	1
340285-078	56-20-01	2	38	1	350000-013	53-10-03	4	5	1
340285-079	56-20-01	2	39	1	350000-019	53-10-03	4	27	1
340285-080	56-20-01	2	39	1	350000-020	53-10-03	4	27	1
340285-081	56-20-01	2	15	1	350000-039	53-10-03	4	7	1
340285-083	56-20-01	2	8	1	350000-043	53-10-03	4	10	1
340285-085	56-20-01	2	24	1	350000-045	53-10-03	4	13	1
340285-087	56-20-01	2	20	1	350000-047	53-10-03	4	11	1
340285-089	56-20-01	2	25	1	350003	53-10-00	1	16	REF
340288-019	53-20-02	3	2	2	350003-001	53-10-03	4	31	1
340291-001	53-10-02	3	16	2	350008-000	53-10-03	4	59	1
340291-501	53-10-02	3	16	2	350009-000	53-10-03	4	59	2
340293	39-10-01	2	22	REF	350010-001	53-10-03	4	59	1
	53-10-04	5	22	REF	350010-002	53-10-03	4	59	1
340293-001	53-10-02	3	15	1	350011-005	53-10-03	4	59	1
340293-007	53-10-02	3	14	1	350011-006	53-10-03	4	59	1
340293-009	34-10-00	1	38	1	350012-001	53-10-03	4	59	1
	53-10-02	3	14	1	350013-000	53-10-03	4	28	2
340293-011	53-10-02	3	14	1	350021-003	53-10-03	4	32	1
340293-013	53-10-02	3	14	1	350021-004	53-10-03	4	32	1
340293-015	53-10-02	3	14	1	350022-005	24-20-00	1	17	REF
340293-017	53-10-02	3	16	1		53-10-03	4	32	1
340293-503	53-10-02	3	15	1	350022-006	24-20-00	1	17	REF
	53-10-04	5	24	REF		53-10-03	4	32	1
340293-505	53-10-02	3	17	1	350024-501	53-10-03	4	28	1
340293-507	53-10-01	2	73	1	350024-502	27-30-00	1	45	REF

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PART NO.	CH-SEC-SUB	FIG	ITEM	TTL	PART NO.	CH-SEC-SUB	FIG	ITEM	TTL
350024-502	53-10-03	4	28	1	350090-009	52-30-00	1	10	1
350025	21-50-00	1	21	REF	350090-011	52-30-00	1	11	1
350025-501	21-60-00	1	26	REF	350090-511	52-30-00	1	1	1
350025-501	53-10-03	4	28	1	350095-000	52-30-00	1	32	2
350026	32-40-01	2	90	REF	350096-000	53-10-03	4	6	1
350026-507	53-10-03	4	72	1	350113	21-60-00	1	21	REF
350027-000	53-10-03	4	72	4		27-40-01	2	15	REF
350027-001	53-10-03	4	72	1	350113-001	21-50-00	1	57	REF
350027-003	53-10-03	4	72	1	350113-005	24-20-00	1	15	REF
350031-501	53-10-01	2	46	2		53-10-03	4	35	1
350034-503	53-10-03	4	70	1	350113-007	24-20-00	1	16	REF
350034-504	53-10-03	4	70	1		53-10-03	4	33	1
350037-503	53-10-03	4	72	1	350113-015	53-10-03	4	37	1
350038	27-50-00	1	7	REF	350113-515	53-10-03	4	32	1
350038-505	52-30-00	1	2	1	350117-003	53-10-03	4	26	1
350038-507	53-10-03	4	72	1	350117-004	53-10-03	4	26	1
350052-000	53-10-03	4	58	2	350124-501	53-10-03	4	99	1
350055-007	53-10-03	4	17	1	350125-001	53-10-03	4	71	1
350055-008	53-10-03	4	17	1	350133-001	53-10-03	4	81	1
350056-000	53-10-03	4	23	1	350133-002	53-10-03	4	81	1
350057-007	53-10-03	4	19	1	350134-000	53-10-03	4	14	1
350057-008	53-10-03	4	19	1	350145	21-50-00	1	23	REF
350058-007	53-10-03	4	22	1	350145-501	53-10-03	4	30	1
350058-008	53-10-03	4	22	1	350147-001	53-10-03	4	74	1
350059-000	53-10-03	4	25	1	350147-002	53-10-03	4	74	1
350060-007	53-10-03	4	21	1	350149-000	53-10-03	4	61	1
350060-008	53-10-03	4	21	1	350150-000	53-10-03	4	57	1
350061-007	53-10-03	4	18	1	350151-001	53-10-03	4	56	1
350061-008	53-10-03	4	18	1	350151-002	53-10-03	4	56	1
350062-000	53-10-03	4	20	2	350152-000	53-10-03	4	57	1
350063	27-20-00	1	60	REF	350154	00-00-00	1	-	REF
	27-30-00	1	21	REF	350154-505	52-30-00	1	-	REF
350063-000	53-10-03	4	84	1	350154-901	52-30-00	1	28	1
350066	21-60-00	1	31	REF	350156	21-50-00	1	63	REF
	27-40-01	2	24	REF	350157	21-50-00	1	47	REF
350066-501	27-30-00	1	49	REF	350157-001	53-10-03	4	77	1
	53-10-03	4	82	1	350157-002	53-10-03	4	77	1
350066-502	27-30-00	1	49	REF	350157-003	53-10-03	4	29	1
	53-10-03	4	82	1	350157-005	53-10-03	4	29A	1
350067-000	53-10-03	4	82	2	350160	00-00-00	1	-	REF
350068-000	53-10-03	4	24	1		33-40-03	4	10	REF
350069	08-00-00	1	4	REF		33-40-04	5	12	REF
350069-000	53-10-03	4	83	1		52-30-00	1	36	REF
350070	08-00-00	1	5	REF	350160-001	35-00-00	1	25	REF
350070-003	21-60-00	1	32	REF		53-10-03	4	10	1
	27-30-00	1	54	REF	350160-003	53-10-03	4	10	1
	53-10-03	4	15	1	350160-005	53-10-03	4	60	1
350071-000	53-10-03	4	16	1	350160-505	24-20-00	1	-	REF
350074-000	53-10-03	4	88	1		53-10-00	1	15	1
350075-501	53-10-03	4	88	1		53-10-03	4	-	REF
350076-003	53-10-03	4	88	1	350161-501	53-10-03	4	9	1
350078-009	53-10-03	4	73	1	350161-503	53-10-03	4	9	1
350078-010	27-30-00	1	44	REF	350162	21-60-00	1	20	REF
	53-10-03	4	73	1		27-40-01	2	12	REF
350089	52-30-00	1	35	REF		27-50-00	1	8	REF
350089-000	53-10-03	4	65	1		32-40-01	2	96	REF
350090-003	52-30-00	1	9	1		35-00-00	1	13	REF
350090-007	52-30-00	1	10	1	350162-006	53-10-03	4	43	1

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350162-013	53-10-03	4	48	1	350203-503	08-00-00	1	6	1
350162-023	53-10-03	4	32	1	350203-505	08-00-00	1	11	1
	53-10-03	4	42	1	350204-001	53-10-03	4	2	1
350162-025	53-10-03	4	32	2	350204-003	53-10-03	4	2	1
	53-10-03	4	44	2	350204-501	53-10-03	4	2	1
350162-031	53-10-03	4	47	1		53-50-00	1	10	REF
350162-041	53-10-03	4	52	1	350206-501	53-10-03	4	88	1
350162-043	53-10-03	4	45	1	350209	53-30-00	1	7	REF
	53-30-00	1	11	REF	350209-001	53-10-03	4	8	1
350162-047	53-10-03	4	46	2	350209-002	53-10-03	4	8	1
350162-049	53-10-03	4	41	1	3502-10-17	52-10-00	1	46	1
350162-053	53-10-03	4	50	1	350214	37-00-00	1	46	REF
350162-061	37-00-00	1	45	1	350293-003	53-10-02	3	17	1
350162-063	37-00-00	1	45	1	3600	95-10-00	1	-	1
350162-515	53-10-03	4	40	1	360-000-13	35-00-00	1	55	1
350163-001	53-10-03	4	60	1	360249-027	53-20-01	2	49	1
350164-501	52-30-00	1	19A	1	361-000-12	21-60-00	1	16	1
350166-000	53-10-03	4	39	1	361-032-524	21-60-00	1	16	1
350167	35-00-00	1	64	REF	3741	24-20-00	1	2	4
350167-000	53-10-03	4	75	1	3786-3	52-30-00	1	27	1
350182-003	53-10-03	4	72	2	3786-B	52-10-00	1	42	1
350185-001	53-10-03	4	63A	1	38-0250124-00	25-00-00	1	12	1
350185-003	53-10-03	4	63B	1		33-40-03	4	5	2
350187-001	53-10-03	4	89	1	380367	25-00-00	1	41	1
350189-001	52-30-00	1	6	1	388	32-30-01	2	57	1
350189-003	52-30-00	1	4	1	3-906 N1206-70	21-50-00	1	60	1
350189-005	52-30-00	1	8	2	39070	32-40-00	1	6	1
350190-001	52-30-00	1	14	1	3972-2	21-60-00	1	1	4
350190-003	52-30-00	1	13	1		25-00-00	1	44	4
350190-505	52-30-00	1	12	1	3A32C418	61-10-00	1	9	1
350191-007	52-30-00	1	13	1	3E1271-2	30-60-00	1	3	3
350191-009	52-30-00	1	13	1	4 in.x.006	53-10-04	5	22	AR
350192-501	52-30-00	1	17	1	4 x .375	28-20-00	1	13	4
350193-501	52-30-00	1	18	1	4 x 3/8	27-10-00	1	49	1
350193-503	52-30-00	1	20	1	4 x 3/8	32-30-01	2	31	6
350194-001	52-30-00	1	22	1	4 x3/8 PK	52-10-00	1	9	7
350195-001	52-30-00	1	22	1	4002-0S	71-10-00	1	3	21
350197-001	52-30-00	1	3	1		71-10-00	1	14	8
350198-001	21-60-00	1	28	REF		71-10-00	1	15	5
	53-10-03	4	1	1	4002-4S	71-10-00	1	3	21
350198-003	21-60-00	1	29	REF		71-10-00	1	14	8
	53-10-03	4	1	1		71-10-00	1	15	5
350198-505	53-10-03	4	1	1	40-1325A	25-00-00	1	44	1
	53-50-00	1	9	REF	40-1333C	25-00-00	1	44	1
350199-501	53-10-03	4	1	1	40-87	32-20-00	1	20	REF
350200-001	21-60-00	1	27	REF		32-20-00	1	24	1
	53-10-03	4	1	1		32-40-00	1	14	REF
350201-005	21-60-00	1	23	REF	40-90A	32-10-00	1	33	1
	53-10-03	4	1	1		32-40-00	1	1	REF
350203	08-00-00	1	-	REF	410000-000	55-10-00	1	19	1
	00-00-00	1	-	REF	410000-007	55-10-00	1	19	1
350203-001	08-00-00	1	2	1	410000-009	55-10-00	1	20	1
	08-00-00	1	7	1	410001-000	55-10-01	2	17	1
	08-00-00	1	12	1	410004-003	55-10-01	2	42	1
350203-003	08-00-00	1	8	1	410005-000	55-10-01	2	38	1
	08-00-00	1	13	1	410006-000	55-10-01	2	35	1
350203-005	08-00-00	1	14	1	410006-007	55-10-01	2	35	1
350203-501	08-00-00	1	1	1	410006-009	55-10-01	2	36	1

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PART NO.	CH-SEC-SUB	FIG	ITEM	TTL	PART NO.	CH-SEC-SUB	FIG	ITEM	TTL
410007-000	55-10-01	2	32	1	410031-000	55-10-00	1	30	1
410007-007	55-10-01	2	32	1	410032-000	55-10-01	2	14	1
410007-009	55-10-01	2	33	1	410034-000	55-10-01	2	34	1
410008-000	55-10-01	2	30	1	410035-007	55-00-00	1	15	1
410008-007	55-10-01	2	30	1		55-10-01	2	19	1
410008-009	55-10-01	2	31	1	410035-009	55-10-01	2	18	1
410009-000	55-10-01	2	27	1	410036-001	55-10-00	1	34	1
410009-007	55-10-01	2	27	1	410036-002	55-10-00	1	34	1
410009-009	55-10-01	2	28	1	410038-007	55-10-01	2	10	1
410009-011	55-10-01	2	29	1	410042-000	55-30-00	1	29	1
410010-000	55-10-01	2	24	1	410042-501	55-30-00	1	30	1
410011-001	55-10-01	2	25	1	410042-503	55-10-01	2	11	1
410011-002	55-10-01	2	25	1	410042-505	55-10-01	2	11	2
410011-007	55-10-01	2	25	1	410065-001	55-10-01	2	12	1
410011-008	55-10-01	2	25	1		55-30-00	1	31	2
410011-009	55-10-01	2	26	1	410065-002	55-10-01	2	12	1
410011-010	55-10-01	2	26	1	410067-001	55-10-00	1	33	2
410012-007	55-10-01	2	16	2	420001-009	55-10-00	1	25	1
410012-009	55-10-01	2	16	1	420001-013	55-10-00	1	38	1
410013-027	55-10-01	2	6	1	420001-015	55-10-01	2	43	1
410013-029	55-10-01	2	5	1	420001-017	55-10-01	2	43	1
410013-030	55-10-01	2	5	1	420001-019	55-10-01	2	44	1
410013-031	55-10-01	2	4	1	420001-021	55-10-01	2	45	1
410013-033	55-10-01	2	2	1	420001-513	55-00-00	1	8	1
410013-034	55-10-01	2	2	1		55-10-00	1	-	REF
410013-035	55-10-01	2	3	1		55-10-01	2	1	REF
410013-503	55-10-00	1	36	REF	420001-9711	55-10-00	1	1	1
	55-10-01	2	2	1	42525	39-10-00	1	29	1
410014-011	55-10-01	2	9	2	42F-6	21-50-00	1	43	1
410014-017	55-10-01	2	8	1	42F-8	21-50-00	1	14	1
410014-019	55-10-01	2	7	1	430007-000	55-20-00	1	14	1
410014-020	55-10-01	2	7	1	430008-501	55-20-00	1	10	1
410014-503	55-10-01	2	7	1	430010-000	55-20-00	1	11	1
410016-000	55-10-01	2	37	1	430010-001	55-40-00	1	8	1
410017-000	55-10-01	2	15	1	430025-503	55-20-00	1	16	1
410018	27-20-00	1	64	REF	430026-003	55-20-00	1	2	2
410018-000	55-10-01	2	7	1	430026-005	55-20-00	1	2	2
410019-003	55-10-00	1	18	1	430026-015	55-20-00	1	3	1
410020-009	55-10-00	1	10	1	430026-017	55-20-00	1	3	1
410020-010	55-10-00	1	11	1	430026-019	55-20-00	1	9	1
410020-011	55-10-00	1	12	1	430026-020	55-20-00	1	9	1
410020-013	55-10-00	1	4	1	430026-507	55-00-00	1	16	1
410020-015	55-10-00	1	5	1		55-20-00	1	1	REF
410020-019	55-10-00	1	2	1	430026-508	55-00-00	1	16	1
410020-021	55-10-00	1	15	1		55-20-00	1	1	REF
410020-027	55-10-00	1	5	1	430054-001	55-20-00	1	13	1
410020-503	55-10-00	1	2	1	430054-003	55-20-00	1	15	1
410020-953	55-10-00	1	2	1	43F475	39-40-01	1	23	4
410022-501	55-10-00	1	29	1	4400	21-40-00	1	28	AR
410022-502	55-10-00	1	29	1	440000-000	55-30-00	1	11	1
410023-009	55-10-00	1	28	1	440001-000	55-30-00	1	13	1
410023-011	55-10-00	1	26	1	440002-000	55-30-00	1	14	1
410023-012	55-10-00	1	27	1	440003-000	55-30-00	1	26	1
410023-501	55-10-00	1	26	1	440004-000	55-30-00	1	24	1
410025-000	55-10-00	1	6	1	440005-009	55-30-00	1	23	1
410026-000	55-10-00	1	3	1	440006-000	55-30-00	1	18	1
410029-000	55-10-00	1	13	1	440006-007	55-30-00	1	18	1
410030-000	55-10-00	1	14	1	440006-009	55-30-00	1	19	1

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PART NO.	CH-SEC-SUB	FIG	ITEM	TTL	PART NO.	CH-SEC-SUB	FIG	ITEM	TTL
440007-000	55-30-00	1	15	1	4565	30-10-00	1	22	1
440007-007	55-30-00	1	15	1	4587	25-00-00	1	1	AR
440007-009	55-30-00	1	16	1		25-00-00	1	3	AR
440007-011	55-30-00	1	17	1	4587	25-00-00	1	28	AR
440008-009	55-30-00	1	3	1		25-00-00	1	31	AR
440008-011	55-30-00	1	3	1		25-00-00	1	38	AR
440008-013	53-10-03	4	98	1		25-00-00	1	44	AR
440008-023	55-30-00	1	5	1		25-00-00	1	48	AR
440008-025	55-30-00	1	4	1		25-20-02	3	2	AR
440008-027	55-30-00	1	6	1		25-20-02	3	4	AR
440008-029	55-30-00	1	6	1		26-20-00	1	4	AR
440008-037	55-30-00	1	2	1		52-10-00	1	57	AR
440008-503	55-10-00	1	37	REF		52-30-00	1	34	AR
	55-30-00	1	2	1	459-26	52-30-00	1	7	1
440009	27-20-00	1	65	REF	4596	33-40-01	2	5	2
	27-30-00	1	30	REF	460003-000	55-40-00	1	5	1
440009-007	55-30-00	1	7	1	460006-501	55-40-00	1	7	1
440009-013	55-30-00	1	8	1	460008	27-20-00	1	68	REF
440009-017	53-10-03	4	97	1	460008-000	55-40-00	1	12	1
440009-503	55-30-00	1	7	1	460017-000	55-10-00	1	21	1
440011-000	55-30-00	1	9	1	460017-003	55-10-00	1	22	1
440012-000	55-30-00	1	28	1	460017-005	55-10-00	1	21	1
440013-000	55-30-00	1	25	1	460017-007	55-10-00	1	23	1
440013-003	55-10-01	2	41	1	460019-000	55-10-00	1	24	1
440014-000	55-30-00	1	20	1	460025-001	55-40-00	1	17	1
440015-000	55-30-00	1	10	1	460043-000	55-40-00	1	21	1
440016	55-10-01	2	23	REF	460043-003	55-40-00	1	6	1
440016-000	55-30-00	1	27	1		55-40-00	1	20	1
440019-000	53-10-03	4	96	7	460043-004	55-40-00	1	6	1
	55-00-00	1	3	4	460043-005	55-40-00	1	19	1
	55-10-00	1	9	4	460043-013	55-40-00	1	23	1
440033-001	53-50-00	1	8	1	460043-015	55-40-00	1	22	1
	55-00-00	1	12	1	460043-017	55-40-00	1	22	1
440034-001	55-30-00	1	21	1	460043-019	55-40-00	1	3	1
440035-001	55-30-00	1	22	1	460043-021	55-40-00	1	4	1
440035-003	55-30-00	1	22	1	460043-029	55-40-00	1	9	1
440035-005	55-30-00	1	22	1	460043-031	55-40-00	1	9	1
440035-007	55-30-00	1	22	1	460043-033	55-40-00	1	16	1
440035-009	55-30-00	1	22	1	460043-035	55-40-00	1	16	1
442251	25-00-00	1	41	1	460043-507	55-00-00	1	13	1
	25-20-02	3	20	AR		55-40-00	1	-	REF
442873	25-20-02	3	20	2	460064-001	55-40-00	1	1	1
443030-401	25-20-02	3	20	1	460064-501	55-40-00	1	1	1
445444-001	25-20-02	3	20	1	4652	30-10-00	1	14	1
449351	25-00-00	1	41	1		30-10-00	1	15	1
	25-20-02	3	20	1	4654	30-10-00	1	21	1
4-4OUNCX.75LG	23-60-00	1	4	1	4655	30-10-00	1	21	1
450000-009	55-30-00	1	35	1	4661	30-10-00	1	44	1
450000-013	55-30-00	1	34	1	4662	30-10-00	1	43	1
450000-511	55-00-00	1	10	1	4663	30-10-00	1	42	1
	55-30-00	1	1	REF	4664	30-10-00	1	37	1
450004-1H	39-10-02	1	33	1	4665	30-10-00	1	39	1
450004-1V	39-10-02	1	33	1	4667	30-10-00	1	43	1
452-0130	24-20-00	1	-	1	4668	30-10-00	1	44	1
452-0132	39-10-00	1	46	1	4674	30-10-00	1	18	3
452-16-6	28-20-00	1	44	1	4676	30-10-00	1	18	3
4552	30-10-00	1	40	1	4683-02	30-10-00	1	18	1
4561	30-10-00	1	18	3	4683-06	30-10-00	1	19	1

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PART NO.	CH-SEC-SUB	FIG	ITEM	TTL	PART NO.	CH-SEC-SUB	FIG	ITEM	TTL
4683-07	30-10-00	1	18	3	510019-017	32-10-00	1	36	AR
470002-011	53-50-00	1	7	1	510019-019	32-10-00	1	36	AR
470002-013	53-50-00	1	7	1	510019-021	32-10-00	1	35	1
470004-003	55-40-00	1	28	1	510029-000	32-10-00	1	27	1
470004-005	55-40-00	1	29	1	510033-501	32-10-00	1	22	1
470011-001	55-40-00	1	32	1	510037-SZD	27-40-00	1	12	1
470013	33-40-00	1	6	REF	510046-003	32-10-00	1	16	1
470013-501	55-40-00	1	31	1	510049-001	32-10-00	1	25	1
471224	27-40-01	2	42	2	510050-005	32-20-00	1	14	1
4746	30-10-00	1	21	2	510050-007	32-20-00	1	14	1
480002-000	55-00-00	1	18	1	510078-001	32-10-00	1	17	1
480005	00-00-00	1	-	REF	510078-003	32-10-00	1	17	1
	27-40-01	2	40	REF	510078-005	32-10-00	1	17	1
	95-20-00	1	2	REF	510079-001	32-10-00	1	10	1
480005-535	55-00-00	1	1	REF	520002	32-11-00	1	25	REF
480008-907	55-00-00	1	3	1		32-40-01	2	84	REF
480009	55-10-00	1	8	REF	520002-505	32-10-00	1	30	1
480009-009	53-10-03	4	91	1	520002-506	32-10-00	1	30	1
480009-011	53-10-03	4	92	1	520010-501	32-10-00	1	23	1
480009-013	53-10-03	4	94	1	520022	00-00-00	1	-	REF
480009-015	53-10-03	4	95	1	520022-511	32-10-00	1	1	REF
480009-505	53-10-03	4	90	1	520022-512	32-10-00	1	1	REF
480009-907	55-10-00	1	9	1	520023	32-11-00	1	45	REF
49244	57-10-00	1	8	1		32-40-01	2	81	REF
49246	57-10-00	1	8	1		95-20-01	2	2	REF
4E2200-8	30-60-00	1	1	3	520023-501	32-10-00	1	2	1
5.00 X 5	32-40-00	1	24	1	520023-502	32-10-00	1	2	1
	32-40-00	1	24	1	520024	32-30-00	1	64	REF
	32-20-00	1	20	REF		95-20-01	2	6	REF
	32-20-00	1	20	REF	520024-501(A-2)	32-10-00	1	15	1
500013-002	35-00-00	1	5	AR	520024-502(A-2)	32-10-00	1	15	1
500015-002	35-00-00	1	4	AR	520027-501	32-10-00	1	31	1
500282-011	25-00-00	1	41	2		32-40-00	1	11	REF
500950-407	25-20-02	3	20	1	520029-509	32-10-00	1	28	1
500976-425	25-20-02	3	20	1	520029-510	32-10-00	1	28	1
501028	25-00-00	1	41	1	52LHTA55M-048	57-10-04	5	11	4
501580-443	25-00-00	1	41	1	52LHTA57-02	52-10-00	1	9	1
502737-401	25-20-02	3	20	1	52ZA1-048	57-10-04	5	11	8
503	26-20-00	1	6	AR	530005-000	32-20-00	1	22	2
503-169	39-40-01	1	20	1	530021-000	32-10-00	1	21	4
5035P-P71	34-10-00	1	48	REF		32-20-00	1	16	3
510004-007	32-10-00	1	4	AR	530023-001	32-20-00	1	11	1
510004-009	32-10-00	1	4	AR	530068-001	32-20-00	1	6	1
510004-011	32-10-00	1	4	AR	531-001	28-20-00	1	44	1
510004-013	32-10-00	1	4	AR	531-017	28-20-00	1	44	1
510004-015	32-10-00	1	4	AR	53-2004	32-30-01	2	58	1
510004-017	32-10-00	1	4	AR		39-10-00	1	36	1
510006-007	32-10-00	1	51	1	540000	95-10-00	1	10	REF
510017-017	32-10-00	1	17	AR	540001-503	32-20-00	1	9	1
510017-019	32-10-00	1	17	AR	540003-503	32-20-00	1	19	1
510017-021	32-10-00	1	17	AR	540004	27-20-00	1	44	REF
510017-023	32-10-00	1	17	AR	540004-509	32-20-00	1	12	1
510017-025	32-10-00	1	17	AR		95-20-01	2	4	REF
510019-007	32-10-00	1	36	AR	540008	00-00-00	1	-	REF
510019-009	32-10-00	1	36	AR	540008-505	32-20-00	1	1	REF
510019-011	32-10-00	1	36	AR		71-20-00	1	12	REF
510019-013	32-10-00	1	36	AR	540015-001	32-20-00	1	18	1
510019-015	32-10-00	1	36	AR	540017	32-21-00	1	17	REF

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540017	32-30-00	1	18	REF	550082-503	32-11-00	1	32	1
540017-509	32-20-00	1	4	1	550082-505	32-11-00	1	33	1
540018	00-00-00	1	-	REF	550083-501	32-11-00	1	37	1
540018-001	32-20-00	1	25	1	550083-502	32-11-00	1	37	1
540022-001	32-40-00	1	25	1	550086-001	57-10-00	1	24	2
540022-003	32-40-00	1	26	1	550086-003	57-10-00	1	24	2
540S001	27-60-00	1	-	1	550086-501	32-11-00	1	38	REF
540S002	27-60-00	1	-	1		57-10-00	1	24	1
540S002A	27-60-00	1	-	1	550086-502	32-11-00	1	38	REF
540S003	27-60-00	1	-	1		57-10-00	1	24	1
540S004	27-60-00	1	-	1	550087-005	32-11-00	1	28	1
540S106A	27-60-00	1	-	1	550087-006	32-11-00	1	28	1
540S107A	27-60-00	1	-	1	550087-009	32-11-00	1	29	REF
540S108A	27-60-00	1	-	1		57-10-02	3	27	1
550001-001	32-11-00	1	6	2	550087-010	32-11-00	1	29	REF
550003-009	32-11-00	1	6	2		57-10-02	3	27	1
550005-007	32-21-00	1	4	1	550088	00-00-00	1	-	REF
550005-008	32-21-00	1	3	1	550088-009	32-11-00	1	43	1
550006-000	32-11-00	1	8	1	550088-011	32-11-00	1	43	1
550010-000	32-11-00	1	7	1	550088-013	32-11-00	1	43	1
550011-007	32-11-00	1	2	1	550088-019	32-11-00	1	43	1
550015-003	32-11-00	1	16	1	550088-021	32-11-00	1	43	1
550015-004	32-11-00	1	16	1	550088-022	32-11-00	1	43	1
550015-005	32-11-00	1	14	1	550088-023	32-11-00	1	43	1
550015-006	32-11-00	1	14	1	550088-024	32-11-00	1	43	1
550017-005	32-21-00	1	12	8	550088-503	32-11-00	1	43	1
	76-00-00	1	7	2	550088-504	32-11-00	1	43	1
550025-013	32-21-00	1	13	2	550088-505	32-11-00	1	42	REF
550030-003	32-21-00	1	10	1	550088-506	32-11-00	1	42	REF
550031-000	32-21-00	1	10	1	550089-009	32-11-00	1	21	2
550032	00-00-00	1	-	REF	550089-501	32-11-00	1	23	1
550032-007	32-21-00	1	6	1	550089-502	32-11-00	1	23	1
550032-008	32-21-00	1	5	1	550089-505	32-11-00	1	20	1
550032-015	32-21-00	1	1	1	550089-506	32-11-00	1	20	1
550032-017	32-21-00	1	1	1	550091	00-00-00	1	-	REF
550032-505	32-21-00	1	-	REF	550091-501	32-11-00	1	20	REF
550034-000	32-21-00	1	8	1	550091-502	32-11-00	1	20	REF
550041-001	32-11-00	1	3	1	550096-001	32-11-00	1	5	1
550041-002	32-11-00	1	3	1	550096-002	32-11-00	1	5	1
550064-503	32-11-00	1	10	1	550097-001	32-11-00	1	4	1
550065-003	32-11-00	1	1	1	550097-002	32-11-00	1	4	1
550065-004	32-11-00	1	1	1	560022	32-30-00	1	52	REF
550065-005	32-11-00	1	8	1	560022-007	57-10-02	3	25	1
550065-503	32-11-00	1	1	1	560022-008	57-10-02	3	25	1
550065-504	32-11-00	1	1	1	560023	32-30-00	1	51	REF
550072-001	32-21-00	1	8	1	560023-009	57-10-02	3	24	1
550073	00-00-00	1	-	REF	560023-010	57-10-02	3	24	1
550073-501	32-11-00	1	27	REF	560024-007	32-30-00	1	43	REF
550073-502	32-11-00	1	27	REF		57-10-02	3	13	1
550075-001	32-11-00	1	44	1	560024-008	57-10-02	3	13	1
550075-501	32-11-00	1	44	1	560026	32-10-00	1	19	REF
550078	00-00-00	1	-	REF	560026-013	57-10-02	3	46	1
550078-501	32-11-00	1	-	REF	560026-014	57-10-02	3	46	1
550078-502	32-11-00	1	-	REF	560038-000	32-30-00	1	55	1
550079-003	32-11-00	1	43	1	560040-001	32-30-00	1	57	1
550081-501	32-11-00	1	30	1	560070-000	53-50-00	1	14	2
550081-502	32-11-00	1	30	1	560070-001	32-30-00	1	63	2
550082-501	32-11-00	1	41	1	560202-501	32-30-00	1	44	1

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PART NO.	CH-SEC-SUB	FIG	ITEM	TTL	PART NO.	CH-SEC-SUB	FIG	ITEM	TTL
560202-502	32-30-00	1	44	1	560269-501	32-11-00	1	34	REF
560208-001	32-30-00	1	70	1		32-30-00	1	49	1
560213-001	32-30-00	1	68	1	560269-502	32-11-00	1	34	REF
560213-003	32-30-00	1	66	1		32-30-00	1	49	1
560213-005	32-30-00	1	67	1	560271-003	32-30-01	2	4	1
560213-025	32-30-00	1	65	1	560271-005	32-30-01	2	4	1
560213-035	32-30-00	1	67	1	560271-007	32-30-01	2	4	1
560213-501	32-30-00	1	65	1	560271-009	32-30-01	2	4	1
560234-003	32-30-00	1	29	1	560271-501	32-30-01	2	4	REF
560236-507	32-30-00	1	1	1		53-20-01	2	36	1
560236-509	32-30-00	1	1	1	5681	25-00-00	1	26	AR
560239-003	32-30-00	1	21	1	570018-503	27-20-00	1	32	1
560243-003	32-30-01	2	4	1	570019-001	27-20-00	1	29	1
560243-005	32-30-01	2	4	1	57038-04-0190	35-00-00	1	36	1
560243-007	32-30-01	2	6	1	590002	71-00-00	1	40	2
560243-009	32-30-01	2	4	1	590050	71-20-00	1	-	REF
560243-011	32-30-01	2	4	1		71-20-01	2	31	REF
560243-503	32-30-00	1	33	REF	590050-501	71-00-00	1	36	1
	32-30-01	2	4	REF		71-00-03	1	12	REF
	53-20-01	2	36	1		71-20-00	1	5	1
560244-001	32-30-00	1	22	1	590052	71-20-01	2	-	REF
560244-501	32-30-00	1	22	2	590052-501	71-00-00	1	33	2
560245-003	32-30-00	1	9	1		71-20-00	1	2	REF
560245-009	32-30-00	1	11	1		71-20-01	2	1	2
560245-011	32-30-00	1	8	1	590052-503	71-00-00	1	34	1
560245-023	32-30-00	1	13	1		71-20-00	1	3	REF
560245-509	32-30-00	1	5	2		71-20-01	2	11	1
560249-001	32-30-01	2	27	1	590052-505	71-00-00	1	35	1
560249-003	32-30-01	2	29	1		71-20-00	1	4	REF
560249-005	32-30-01	2	22	1		71-20-01	2	21	1
560249-007	32-30-01	2	26	1	6.00 X 6	32-10-00	1	33	REF
560249-009	32-30-01	2	25	1		32-10-00	1	33	REF
560249-015	32-30-01	2	16	REF		32-40-00	1	13	1
	53-20-01	2	33	1		32-40-00	1	13	1
560249-017	32-30-01	2	32	1	600168-001	71-60-00	1	35	1
560249-023	32-30-01	2	41	1	600168-501	71-60-00	1	35	1
560249-025	32-30-01	2	20	1	600265	21-50-00	1	9	REF
560249-029	53-20-01	2	49	1		37-00-00	1	9	REF
560249-031	32-30-01	2	17	1		53-20-01	2	62	REF
560249-033	32-30-00	1	37	REF	600265-001	53-20-00	1	1	1
	32-30-01	2	32	1	600265-501	53-10-00	1	13	1
560249-035	32-30-00	1	30	1		53-20-00	1	-	REF
	53-20-01	2	34	1		71-00-00	1	42	REF
560249-041	32-30-01	2	14	REF		71-20-00	1	10	REF
	53-20-01	2	31	1		78-00-00	1	19	REF
560250-001	32-30-01	2	30	1	600266	71-10-00	1	16	REF
560251-501	32-30-00	1	41	1	600266-001	53-10-00	1	57	1
560252-009	32-30-01	2	9	2		71-00-00	1	17	REF
560252-011	32-30-01	2	11	AR	600270	00-00-00	1	-	REF
560254	32-30-00	1	39	REF		61-10-00	1	-	REF
560254-503	32-30-01	2	1	1	600270-501	71-00-00	1	-	REF
560255-501	32-11-00	1	35	REF	600270-503	71-00-00	1	-	REF
	32-30-00	1	53	1	600270-505	71-00-00	1	-	REF
560257-001	53-10-02	3	62	1	600271	71-60-00	1	14	REF
560258-001	32-30-00	1	61	1	600271-501	71-00-00	1	6	1
560260	00-00-00	1	-	REF		71-00-01	2	-	REF
560260-501	32-30-00	1	-	REF	600272-501	71-00-00	1	4	1
	32-30-01	2	-	REF		71-60-00	1	-	REF

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600273-001	71-00-01	2	22	1	600283-501	71-00-01	2	28	1
600273-002	71-00-01	2	17	1		71-00-02	3	-	REF
600273-003	71-00-01	2	22	1	600284-001	71-00-03	1	18	1
600273-004	71-00-01	2	17	1	600284-501	71-00-03	1	-	REF
600273-005	71-00-01	2	22	1	600286-001	71-00-00	1	43	1
600273-006	71-00-01	2	17	1	600286-003	71-00-00	1	43	1
600273-007	71-00-01	2	17	2	600286-501	71-00-00	1	43	1
	71-00-01	2	22	2	600324-013	53-20-00	1	6	2
600273-009	71-00-01	2	17	2		53-20-00	1	7	1
	71-00-01	2	22	2	600324-027	53-20-00	1	6	1
600273-011	71-00-01	2	17	1		53-20-00	1	7	1
	71-00-01	2	22	1	600324-033	53-20-00	1	7	1
600273-013	71-00-01	2	17	1	600324-035	53-20-00	1	7A	1
600273-015	71-00-01	2	22	1	600324-061	53-20-00	1	6	1
600273-501	71-00-01	2	17	1	600324-063	53-20-00	1	7	1
600273-503	71-00-01	2	22	1	600324-537	53-20-00	1	6	1
600274	71-00-02	3	1	REF	600324-539	53-20-00	1	7	1
600274-001	71-00-01	2	13	1	600351-002	53-20-00	1	3	1
600274-003	71-00-01	2	13	1	600351-013	53-20-00	1	2	1
600274-005	71-00-01	2	13	1	600351-014	53-20-00	1	2	1
600274-501	71-00-01	2	13	1	600353-031	53-20-00	1	4	1
600276-001	71-60-00	1	20	1	600364-005	71-20-01	2	5	1
600276-003	71-60-00	1	17	2		71-20-01	2	13	1
600277-001	71-00-01	2	9	1	600364-007	71-20-01	2	3	1
600277-003	71-00-01	2	9	1		71-20-01	2	19	1
600277-005	71-00-01	2	9	1		71-20-01	2	23	1
600277-007	71-00-01	2	9	1	600372-007	71-00-01	2	24	1
600277-009	71-00-01	2	9	1	600372-011	71-00-01	2	25	1
600277-011	71-00-01	2	9	1	600372-013	71-00-01	2	26	1
600277-501	71-00-01	2	9	1	600372-507	71-00-01	2	24	1
600279-001	71-00-01	2	20	1	600372-511	71-00-01	2	25	2
600279-003	71-00-01	2	20	1	600372-513	71-00-01	2	26	1
600279-005	71-00-01	2	20	1	600382-013	71-60-00	1	32	1
600279-007	71-00-01	2	20	1		71-60-00	1	33	1
600279-501	71-00-01	2	20	1	600382-015	71-60-00	1	33	1
600280-003	71-00-01	2	16	1	600382-017	71-60-00	1	30	1
600281-001	71-00-01	2	1	1	600382-019	71-60-00	1	34	1
600281-005	71-00-01	2	1	1	600382-021	71-60-00	1	39	1
	71-60-00	1	18	1	600382-023	71-60-00	1	31	1
600281-007	71-00-01	2	6	1	600382-301	71-60-00	1	32	1
600281-009	71-00-01	2	1	1	600382-305	71-60-00	1	28	1
	71-00-01	2	6	1	600382-503	71-60-00	1	-	REF
600281-011	71-00-01	2	6	1	600394-007	71-20-01	2	10	1
600281-013	71-00-01	2	1	1		71-20-01	2	20	1
600281-015	71-00-01	2	1	1		71-20-01	2	29	1
600281-017	71-00-01	2	6	1	600417-503	71-60-00	1	12	1
600281-019	71-00-01	2	6	1	600422	71-10-00	1	20	REF
600281-027	71-00-01	2	1	1	600422-011	53-10-00	1	57	1
600281-023	71-60-00	1	18	2	600422-031	53-10-00	1	57	2
600281-501	71-00-01	2	1	1	600422-505	53-10-00	1	57	1
600281-503	71-00-01	2	6	1		71-00-03	1	17	REF
	71-00-03	1	2	REF		71-20-00	1	11	REF
600282-501	71-00-01	2	4	1	600429-503	71-20-01	2	4	1
600282-503	71-00-01	2	8	1		71-20-01	2	14	1
600283-001	71-00-02	3	5	1		71-20-01	2	24	1
600283-003	71-00-02	3	2	1	6041H-202	24-20-00	1	19	2
	95-10-00	1	-	REF	6041H202A	24-40-00	1	18	1
600283-005	71-00-02	3	4	2	60619-1	39-10-01	2	12	1

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60620-1	39-10-01	2	13	1	630072	78-00-00	1	22	3
610010-000	95-10-00	1	8	1	630082-501	78-00-00	1	2	1
610015-013	28-20-00	1	10	1	630082-502	78-00-00	1	3	1
610015-900	28-20-00	1	10	1	630088	21-40-00	1	30	REF
610031-513	28-20-00	1	36	2	630088-021	21-40-00	1	1	2
610046-501	28-20-00	1	40	1	630088-023	21-40-00	1	1	1
610046-502	28-20-00	1	40	1	630088-027	21-40-00	1	1	REF
610146-025	28-20-00	1	39A	1		78-00-00	1	26	1
610152-021	57-10-01	2	49	1	630097-001	78-00-00	1	11	2
610175-501	28-20-00	1	27	1	630097-501	78-00-00	1	14	1
610183-501	28-20-00	1	44	4	630097-502	37-00-00	1	8	REF
610185-001	28-20-00	1	44	1		78-00-00	1	17	1
610185-501	28-20-00	1	44	REF	630097-507	78-00-00	1	23	1
	57-10-00	1	67	2	630105-501	78-00-00	1	25	1
	57-30-00	1	43	REF	630108-501	78-00-00	1	25	2
610193	00-00-00	1	-	REF	630108-503	78-00-00	1	20	1
610193-501	28-20-00	1	-	REF		78-00-00	1	21	1
610193-503	28-20-00	1	-	REF	630109	00-00-00	1	-	REF
610194-001	28-20-00	1	17	1	630109-501	71-00-00	1	3	1
610194-003	28-20-00	1	21	1		78-00-00	1	-	REF
610195-005	28-20-00	1	9	1	630111-501	78-00-00	1	21	1
610195-007	28-20-00	1	14	1	630111-503	78-00-00	1	20	1
610195-009	28-20-00	1	16	1	630112-501	78-00-00	1	25	1
610195-011	28-20-00	1	22	1	630120-013	78-00-00	1	13	2
610195-025	28-20-00	1	24	1	630120-503	78-00-00	1	5	2
610196-501	28-20-00	1	47	1	630120-505	78-00-00	1	8	2
	37-00-00	1	13	REF	640001-023	21-40-00	1	3	1
610197-001	71-00-00	1	21	1	640001-031	21-40-00	1	17	1
610197-003	71-00-00	1	22	1	640001-039	71-60-00	1	23	1
610197-005	71-00-00	1	13	1	640001-041	71-60-00	1	15	2
610197-007	71-00-00	1	11	1	640001-043	21-40-00	1	2	1
610197-501	71-00-00	1	21	1	640001-045	71-00-03	1	19	1
610197-503	71-00-00	1	22	1	640040-507	53-10-00	1	11	1
610197-505	71-00-00	1	13	1	640084-011	21-40-00	1	18	1
610197-507	71-00-00	1	11	2	640084-501	21-40-00	1	18	1
610198-501	28-200-00	1	14	1	640084-503	21-40-00	1	18	1
610202-003	28-20-00	1	41	2	640084-505	21-40-00	1	18	1
	28-20-00	1	42	2	640123	00-00-00	1	-	REF
610206	00-00-00	1	-	REF	640123-001	21-40-00	1	24	1
610242-001	28-20-00	1	41	2	640123-525	21-40-00	1	-	REF
610242-005	28-20-00	1	42	2	640123-527	21-40-00	1	-	REF
610256-001	28-20-00	1	31	2	640156-501	21-60-00	1	15	1
610256-013	28-20-00	1	25	1	640157	00-00-00	1	-	REF
610258-003	28-20-00	1	13	1	640157-003	21-60-00	1	3	2
610258-005	11-30-00	1	1	1	640157-005	21-60-00	1	4	2
	28-20-00	1	13	1	640157-011	21-60-00	1	33	1
610260-015	28-20-00	1	5	1	640157-503	21-60-00	1	-	REF
610260-017	28-20-00	1	6	1	640205-029	21-40-00	1	10	1
610261-003	28-20-00	1	40	1	640224-000	21-40-00	1	9	1
610289-001	28-20-00	1	26	1	640247-503	53-10-00	1	9	1
610293-017	28-20-00	1	7	1	640247-504	53-10-00	1	9	1
610293-503	28-20-00	1	30	1	640257-023	76-00-00	1	30	1
61-18	32-10-00	1	41	1	640257-025	32-40-01	2	44	1
620055-003	71-00-00	1	19	1		53-20-02	3	9	REF
620055-005	37-00-00	1	7	2	640257-027	21-40-00	1	23	1
	37-00-00	1	7	1	640257-033	21-40-00	1	19	1
62800-001	53-20-02	3	22	1	640258-007	21-40-00	1	22	1
630057-021	78-00-00	1	26	8	640284-007	21-40-00	1	26	2

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640290-001	21-40-00	1	7	1	650135-011	71-10-00	1	12	1
640290-009	21-40-00	1	7	1	650135-013	71-10-00	1	12	1
640290-017	21-40-00	1	7	1	650135-501	71-10-00	1	7	1
640290-035	21-40-00	1	7	1	650151-509	71-60-00	1	1	1
640290-039	21-40-00	1	7	1	650154-001	71-10-00	1	1	1
640290-063	21-40-00	1	6	1	650154-501	71-10-00	1	1	1
640290-065	21-40-00	1	6	1	650155-000-00	00-00-00	1	-	REF
640290-067	21-40-00	1	6	1	650155-009	71-10-00	1	2	1
640290-073	21-40-00	1	6	1	650155-011	71-10-00	1	2	1
640290-075	21-40-00	1	6	1	650155-501	71-10-00	1	-	REF
640290-509	21-40-00	1	5	1	650156-001	71-10-00	1	13	1
640296-001	53-10-00	1	9	1	650156-007	71-10-00	1	13	1
640296-002	53-10-00	1	9	1	650158-501	53-10-00	1	58	REF
640297-001	21-60-00	1	7	1		71-10-00	1	18	1
640297-003	21-60-00	1	8	1	650158-503	53-10-00	1	58	REF
640297-005	21-40-00	1	10	2		71-00-00	1	32	REF
	21-60-00	1	9	2		71-10-00	1	18	1
640297-007	21-60-00	1	10	1	650159-503	53-10-00	1	58	REF
640297-013	21-60-00	1	11	1		71-10-00	1	18	1
640297-015	21-60-00	1	11	2	650249-035	32-30-01	2	35	1
640297-019	21-60-00	1	11	1	650258-001	53-20-00	1	3	1
640297-021	21-60-00	1	14	2	6504	71-00-00	1	8	2
640300-003	21-60-00	1	1A	2		71-00-00	1	9	2
640300-004	21-60-00	1	1B	2	660017-003	76-00-00	1	4	1
640315-501	21-40-00	1	25	1		76-00-00	1	16	1
640317-503	21-40-00	1	28	1		76-00-00	1	29	1
640318-001	21-40-00	1	28	1	660017-005	76-00-00	1	4	1
640318-003	21-40-00	1	26	2		76-00-00	1	16	1
640319-501	21-40-00	1	28	1		76-00-00	1	29	1
640321	53-20-02	3	24	REF	660047-003	76-00-00	1	3	1
640321-023	21-40-00	1	18	1	660115-511	61-10-00	1	-	REF
640321-509	21-40-00	1	18	1		71-00-00	1	7	1
640323-001	21-60-00	1	5	1		76-00-00	1	21	1
640323-003	21-60-00	1	5	1	660115-523	61-10-00	1	-	REF
640323-005	21-60-00	1	5	1		71-00-00	1	7	1
640323-007	21-60-00	1	5	4		76-00-00	1	21	1
640323-501	21-60-00	1	5	1	660136-003	53-10-02	3	43	2
640323-503	21-60-00	1	5	1	660136-013	53-10-02	3	44	1
640326-009	21-40-00	1	10	1		53-20-02	3	13	REF
640326-507	21-40-00	1	10	1	660136-017	53-10-02	3	45	1
640326-511	21-40-00	1	10	1	660136-021	53-10-02	3	45	1
640326-513	21-40-00	1	10	1	660136-023	53-10-02	3	45	1
640328-501	53-10-00	1	11	1	660136-507	53-10-02	3	38	1
640328-503	53-10-00	1	9	1	660171-001	76-00-00	1	8	1
640334-001	21-40-00	1	33	1	660171-007	76-00-00	1	9	1
640334-005	21-40-00	1	31	1	660171-503	76-00-00	1	12	1
642087A41	21-50-00	1	1	1	660226-005	76-00-00	1	22	1
643967	78-00-00	1	1	REF	660226-023	76-00-00	1	15	1
6443	39-10-02	1	12	1	660226-027	76-00-00	1	1	1
649427	78-00-00	1	4	REF	660229-501	71-00-00	1	5	1
650056	71-00-02	3	8	REF		76-00-00	1	-	REF
650056-017	71-10-00	1	4	2	660230	00-00-00	1	-	REF
650056-021	71-10-00	1	6	1		71-00-00	1	-	REF
650056-023	71-10-00	1	4	1	660232-001	76-00-00	1	18	1
650056-025	71-10-00	1	4	1	660240-001	76-00-00	1	5	1
650056-507	71-10-00	1	4	1	660241-001	76-00-00	1	27	1
650135	21-40-00	1	4	REF	660241-011	76-00-00	1	26	1
650135-001	71-10-00	1	7	1	66-105	32-10-00	1	46	2

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PART NO.	CH-SEC-SUB	FIG	ITEM	TTL	PART NO.	CH-SEC-SUB	FIG	ITEM	TTL
66-105	32-10-00	1	48	2	710074-003	55-00-00	1	8	1
670035-501	71-60-00	1	-	1		55-10-00	1	16	1
670035-503	71-60-00	1	2	1	710074-005	27-30-00	1	35	REF
670035-505	71-60-00	1	3	1	710075-001	27-30-00	1	49	1
670035-507	71-60-00	1	4	1	710075-003	27-30-00	1	36	REF
670036-011	71-60-00	1	8	1	710076-001	27-30-00	1	48	REF
670036-023	71-60-00	1	10	2	710076-501	27-30-00	1	48	1
670036-025	71-60-00	1	7	1	710077-501	27-30-00	1	48	REF
680017-001	61-10-00	1	8	AR	710078-501	27-30-00	1	39	REF
680017-003	61-10-00	1	8	AR	710079-001	27-30-00	1	39	REF
680017-005	61-10-00	1	8	AR	710079-003	27-30-00	1	39	REF
680017-007	61-10-00	1	8	AR	710079-005	27-30-00	1	43	REF
680029-501	61-10-00	1	-	REF	710080-001	27-30-00	1	38	REF
	71-00-00	1	2	1	710081-001	27-30-00	1	46	1
680029-503	61-10-00	1	-	REF	710081-501	27-30-00	1	46	1
	71-00-00	1	2	1	710082-001	27-10-00	1	22	1
680030-501	61-10-00	1	-	REF	710083-501	27-10-00	1	11	2
	71-00-00	1	2	1	710085-501	27-10-00	1	59	1
680030-503	61-10-00	1	-	REF	710086-501	27-10-00	1	14	1
	71-00-00	1	2	1	720000	00-00-00	1	-	REF
680501B	28-20-00	1	46	1	720000-513	27-20-00	1	1	REF
68-4250066-30	57-22-00	1	25	1	720005-503	27-20-00	1	25	1
68-4250258-38	33-40-03	4	2	1	720013-007	27-20-00	1	43	AR
68-4250258-58	33-40-03	4	2	1	720013-009	27-20-00	1	43	AR
690003	95-00-00	1	-	REF	720013-011	27-20-00	1	43	AR
690005-501	30-60-00	1	-	REF	720013-013	27-20-00	1	43	AR
690007-501	30-10-00	1	-	REF	720013-015	27-20-00	1	43	AR
69-4	32-10-00	1	52	2	720015-001	27-20-01	2	9	1
7 oz	25-00-01	2	13	AR	720015-002	27-20-01	2	9	1
7/16 x 20 UNF	32-30-01	2	3	1	720015-003	27-20-01	2	12	1
7/16-20	76-00-00	1	3	1	720015-004	27-20-01	2	12	1
700023	00-00-00	1	-	REF	720015-005	27-20-01	2	11	1
	27-10-00	1	-	REF	720015-006	27-20-01	2	11	1
7011026	39-10-00	1	2	1	720015-007	27-20-01	2	13	1
70-303	27-50-00	1	25	2	720016-000	27-20-01	2	1	2
708-3979-AFIT221	27-40-01	2	8	AR		27-20-01	2	7	2
	27-40-01	2	14	AR	720016-001	27-20-00	1	4	1
710008-002	53-10-01	2	15	2	720016-002	27-20-00	1	4	1
710029-001	27-30-00	1	33	REF	720017-007	27-20-00	1	2	2
	55-20-00	1	6	1		27-20-01	2	3	REF
710029-002	27-30-00	1	33	REF		27-20-01	2	10	1
	55-20-00	1	6	1		32-40-02	3	29	2
710030	00-00-00	1	-	REF	720020-501	27-20-00	1	41	1
710030-507	27-20-00	1	45	REF	720040-000	27-20-00	1	11	1
	27-30-00	1	1	REF	720040-003	27-20-00	1	14	1
710064-509	27-10-00	1	5	1	720040-005	27-20-00	1	19	1
710064-510	27-10-00	1	5	1	720040-007	27-20-00	1	12	1
710065-503	27-10-00	1	17	1		27-20-00	1	17	1
710066-501	27-10-00	1	20	1	720040-501	27-20-00	1	16	1
710068	00-00-00	1	-	REF	720095-001	27-20-00	1	39	1
710068-509	27-10-00	1	1	REF	720095-017	27-20-00	1	39	1
710070-501	27-10-00	1	6	2	720114-001	27-20-01	2	4	2
710071-001	27-10-00	1	8	2	720115	95-00-00	1	-	REF
710073-501	27-30-00	1	34	REF	720115-501	27-20-01	2	-	REF
	53-10-03	4	87	1	720115-503	27-20-01	2	-	REF
710074-001	27-30-00	1	42	REF	720115-504	27-20-01	2	-	REF
	55-00-00	1	8	1	720117	32-40-01	2	6	REF
710074-003	27-30-00	1	53	REF	720117-503	27-20-00	1	7	1

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720117-504	27-20-00	1	7	1	740199-001	27-40-03	4	8	1
	32-40-02	3	26	2	740200	00-00-00	1	-	REF
7277-2-15	32-30-01	2	60	1	740200-501	27-40-03	4	-	REF
7277-2-2	32-30-01	2	62	1	740223-001	27-40-01	2	27	1
7277-2-3	27-60-00	1	21	1	740224-001	27-40-01	2	34	1
7277-2-5	32-30-01	2	61	1	740225-001	27-40-00	1	7A	1
730007-007	53-20-01	2	13	1	740225-501	27-40-01	2	4	1
730007-008	53-20-01	2	14	1	740225-505	27-40-00	1	-	REF
730023-001	27-10-00	1	35	2	740226-001	27-40-00	1	4	1
730048-503	27-10-00	1	38	2	740227-003	27-40-00	1	42	1
730049-001	57-10-01	2	32	1	740228-001	27-40-00	1	29	1
730049-002	57-10-01	2	32	1	740228-501	27-40-00	1	29	1
730050-501	27-10-00	1	27	1	740229-001	27-40-01	2	32	1
730051-501	27-10-00	1	30	1	740230-501	27-40-01	2	22	1
730052-501	27-10-00	1	30	1	740230-501	53-10-03	4	82	1
73-10	32-10-00	1	45	1	740231-001	27-40-01	2	28	2
738-10-14	32-20-00	1	26	1	740232-001	27-40-01	2	29	2
740000	00-00-00	1	-	REF	740233-001	27-40-01	2	30	AR
740000-543	27-40-01	2	1	REF	740233-003	27-40-01	2	30	AR
740009-007	27-40-01	2	19	1	740233-005	27-40-01	2	30	AR
740016-007	27-40-00	1	13	1	740233-007	27-40-01	2	30	AR
740016-013	27-40-00	1	13	1	740236-001	27-40-01	2	25	1
740016-017	27-40-00	1	13	1	740247	00-00-00	1	-	REF
740016-019	27-40-00	1	13	1		27-40-00	1	27	REF
740029-000	27-40-01	2	20	1	740247-001	27-40-02	3	11	1
740046-503	27-40-00	1	30	1	740247-003	27-40-02	3	2	1
740049-013	27-40-00	1	23	1		27-50-01	2	6	1
740049-017	27-40-00	1	33	1	740247-005	27-40-02	3	2	1
740051-009	27-40-00	1	1	1		27-50-01	2	6	1
740052	32-30-01	2	37	REF	740247-007	27-40-02	3	8	1
740052-009	27-40-00	1	5	1	740247-009	27-40-02	3	7	1
740053-005	27-40-00	1	6	1	740247-501	27-40-02	3	-	REF
740055-007	27-40-00	1	31	1		27-40-02	3	1	1
740080-001	27-40-03	4	4	1	740247-503	27-40-02	3	2	1
740083-003	27-40-00	1	7	1		27-50-00	1	16	REF
	27-40-02	3	10	REF		27-50-01	2	6	1
740083-005	27-40-00	1	25	1	74-10	32-10-00	1	47	2
740083-009	27-40-00	1	9	2	750012-007	57-10-00	1	33	2
740083-011	27-40-00	1	21	1	750013-009	25-20-01	2	26	3
740083-013	27-40-00	1	22	1	750093-503	27-50-00	1	10	1
740086-001	27-40-00	1	17	2	750093-505	27-50-01	2	14	REF
740086-005	27-40-00	1	16	2	750096-007	27-50-00	1	5	REF
740086-009	27-40-00	1	15	1		53-10-03	4	54	1
740156-001	27-40-01	2	39	REF	750096-009	27-50-00	1	5	REF
	55-00-00	1	6	1		53-10-03	4	55	1
740170-003	27-40-01	2	38	REF	750098-001	27-50-00	1	12	REF
	55-00-00	1	4	1		57-10-00	1	56	1
740171	95-20-00	1	10	REF	750098-002	27-50-00	1	13	REF
740171-000	27-40-03	4	12	2		57-10-00	1	56	1
740191	27-40-00	1	40	REF	750098-005	57-10-00	1	33	1
740192-003	27-40-01	2	5	1	750098-006	57-10-00	1	33	1
740192-005	27-40-01	2	8	1	750098-501	57-10-00	1	33	1
740192-007	27-40-01	2	17	1	750098-502	57-10-00	1	33	1
740192-009	27-40-01	2	14	1	750105-501	27-50-00	1	2	1
740192-503	27-40-01	2	14	1	750108-000	27-50-00	1	3	1
740196-001	27-40-03	4	14	1	750108-003	27-50-00	1	3	1
740197-001	27-40-03	4	15	1	750108-009	27-50-00	1	3	1
740198-001	27-40-03	4	10	2	750110	00-00-00	1	-	REF

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750110-503	27-50-00	1	1	1	770030-501	21-50-00	1	1	1
750110-505	27-50-00	1	-	REF	770031-501	21-50-00	1	90	2
750111-001	27-50-00	1	17	REF	770032-003	21-50-00	1	73	1
	27-50-01	2	9	1	770032-007	21-50-00	1	85	1
750111-003	27-50-00	1	15	REF	770032-011	21-50-00	1	67	1
	27-50-01	2	11	1	770032-015	21-50-00	1	86	1
750111-005	27-50-00	1	16	REF	770033-501	21-50-00	1	68	1
	27-50-01	2	3	1	770033-503	21-50-00	1	62	1
750111-501	27-50-01	2	1	REF	770035-009	21-50-00	1	56	1
75-39	32-10-00	1	51	1	770035-015	21-50-00	1	64	1
7615	25-20-02	3	18	REF	770039-003	21-50-00	1	69	1
780-3979AFIT-221	39-40-00	1	5	AR	770039-005	21-50-00	1	11	1
79-3	32-10-00	1	49	1	770039-007	21-50-00	1	10	1
770000-501	21-50-00	1	-	REF	770040-001	21-50-00	1	59	1
770002-501	21-50-00	1	78	1	770042-501	21-50-00	1	38	1
770002-503	21-50-00	1	91	1	770025-001	21-50-00	1	40	1
770003-501	21-50-00	1	97	1	770025-002	21-50-00	1	40	1
770003-502	21-50-00	1	97	1	770025-003	21-50-00	1	41	2
770003-503	21-50-00	1	97	1	770029-501	21-50-00	1	50	1
770003-504	21-50-00	1	97	1	800032-001	57-22-00	1	22	1
770004-501	21-50-00	1	97	1	800032-003	57-22-00	1	21	1
770004-503	21-50-00	1	102	1	800039-003	32-30-01	2	46	1
770004-509	21-50-00	1	101	1	800045-019	24-20-00	1	4	1
770005-501	21-50-00	1	92	1	800051	33-40-00	1	2	REF
770006-501	21-50-00	1	4	1	800051-501	57-22-00	1	20	2
770006-503	21-50-00	1	13	1	800051-503	57-22-00	1	21	1
770006-505	21-50-00	1	44	1	800054-001	27-50-00	1	26	1
770006-507	21-50-00	1	58	1	8001	21-50-00	1	18	AR
770006-509	21-50-00	1	12	1		21-50-00	1	34	AR
770006-511	21-50-00	1	3	1		21-50-00	1	48	AR
770008-501	21-50-00	1	53	1		25-00-00	1	5	AR
770009-501	21-50-00	1	79	1		25-00-00	1	7	AR
770012-009	21-50-00	1	81	1		25-00-00	1	27	AR
770015-501	21-50-00	1	15	1		53-10-02	3	45	AR
770016-501	21-50-00	1	16	1	800113-000	34-10-00	1	18	2
770017-000	21-50-00	1	20	1		53-10-00	1	32	2
770018-001	21-50-00	1	17	1		53-10-00	1	39	1
770018-005	21-50-00	1	17	1	800156	95-00-00	1	-	REF
770018-009	21-50-00	1	18	1	800156-001	39-40-01	1	10	1
770018-011	21-50-00	1	17	1	800156-003	39-40-01	1	16	1
770018-013	21-50-00	1	31	1	800156-005	39-40-01	1	16	1
770018-014	21-50-00	1	30	1	800156-007	39-40-01	1	13	1
770019-501	21-50-00	1	27	1	800156-009	39-40-01	1	7	1
770021-001	21-50-00	1	34	1		39-40-01	1	16	1
770021-007	21-50-00	1	34	1	800156-011	39-40-01	1	3	1
770021-009	21-50-00	1	34	1	800156-012	39-40-01	1	3	1
770021-013	21-50-00	1	34	1	800156-015	39-40-01	1	22	1
770021-017	21-50-00	1	34	1	800156-017	39-40-01	1	22	1
770021-023	21-50-00	1	34	1	800156-021	39-40-01	1	9	2
770021-025	21-50-00	1	34	1	800156-501	39-40-01	1	-	REF
770021-029	21-50-00	1	34	2	800156-503	39-40-01	1	-	REF
770021-031	21-50-00	1	36	1	800156-505	39-40-01	1	1	1
770021-501	21-50-00	1	34	1	800163-001	24-20-00	1	18	REF
770021-503	21-50-00	1	33	1		53-10-03	4	79	1
770021-505	21-50-00	1	34	1	800163-003	24-20-00	1	13	2
770021-507	21-50-00	1	33	1	800163-009	24-20-00	1	3	4
770026-501	21-50-00	1	1	1	800163-011	24-20-00	1	14	4
770028-001	21-50-00	1	2	1	800163-017	24-20-00	1	7	1

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800166	95-00-00	1	-	REF	800397-501	24-20-00	1	-	REF
800166-001	24-20-00	1	11	REF		39-10-00	1	28	1
	24-40-00	1	2	1		71-00-00	1	-	REF
800166-003	24-20-00	1	12	1	800397-505	28-20-00	1	50	1
	24-40-00	1	15	REF	800400-501	25-00-00	1	12	1
800166-004	24-20-00	1	12	1	803272-010	35-00-00	1	8	2
	24-20-00	1	12	1	810017	35-00-00	1	29	REF
	24-40-00	1	15	REF		37-00-00	1	40	REF
800166-501	24-40-00	1	1	REF	810017-501	53-10-03	4	76	2
800214-05	35-00-00	1	2	1	810085-000	53-10-03	4	38	1
800221-505	34-10-00	1	1	1	810088	39-10-00	1	-	REF
800228-505	34-10-00	1	36	1	810090-001	53-10-03	4	80	1
800232-501	32-30-01	2	57	1	810090-003	53-10-03	4	80	1
800240-507	39-10-00	1	37	1	810090-004	53-10-03	4	80	1
800242-001	39-10-00	1	37	1	810090-005	53-10-03	4	80	1
800242-003	39-10-00	1	33	1	810090-007	53-10-03	4	80	1
800242-501	39-10-00	1	37	1	810090-008	53-10-03	4	80	1
	39-10-02	1	18	1	810090-009	53-10-03	4	80	1
800242-503	39-10-00	1	33	1	810090-501	53-10-03	4	80	1
800242-507	39-10-00	1	37	1	810150	39-10-00	1	-	REF
800242-509	39-10-00	1	37	1	810175-066	24-20-00	1	22	1
800242-511	39-10-00	1	37	1	810175-067	39-40-00	1	2	1
800242-513	39-10-00	1	33	1	810175-509	24-20-00	1	22	1
800242-515	39-10-00	1	33	1	810202	39-10-00	1	-	REF
800260-501	39-10-00	1	37	1	810247-501	39-10-00	1	18	1
800260-505	39-10-00	1	33	1	810403-001	53-10-03	4	38	1
800268-509	25-00-00	1	12	1	810429	95-00-00	1	-	REF
800270-501	39-10-00	1	28	1	810429-501	39-40-00	1	-	REF
	71-00-00	1	-	REF	81-1	32-10-00	1	49	1
800270-501A	24-20-00	1	-	REF	8140B35MB-LW28	39-10-00	1	20	1
800270-523	28-20-00	1	50	1	8140B-35-MB-LW-28	39-10-02	1	14	1
800299-501	39-10-00	1	-	1	817-D	26-20-00	1	7	1
800299-503	39-10-00	1	43	1	820015-000	34-10-00	1	4	1
	39-10-02	1	31	2	820015-007	34-10-00	1	4	1
800311	33-40-00	1	5	REF	820057-005	34-10-00	1	28	2
800312	00-00-00	1	-	REF	820058-007	53-10-04	5	9	2
800336-503	39-10-00	1	44	1	820096-001	53-10-04	5	10	1
800364-011	57-30-00	1	45	1	820096-005	53-10-04	5	10	1
800364-015	57-30-00	1	45	1	820096-503	53-10-04	5	10	1
800364-019	57-30-00	1	45	1	820113-003	34-10-00	1	42	1
800364-021	57-30-00	1	45	1	820113-005	34-10-00	1	9	1
800364-509	57-30-00	1	45	1	820113-501	34-10-00	1	-	REF
800365-501	57-30-00	1	45	1	820113-503	34-10-00	1	42	1
800366-501	57-30-00	1	45	REF	820128-001	39-10-00	1	2	1
800367-001	52-10-00	1	59	1	820128-501	39-10-00	1	2	1
800367-501	52-10-00	1	59	1	820131	27-40-03	4	22	REF
800369-001	53-10-04	5	21	1		28-20-00	1	51	REF
800373-005	56-20-00	1	9	1		32-30-01	2	56	REF
800373-007	56-20-00	1	9	1		32-30-01	2	59	REF
800373-505	56-20-00	1	9	1		39-10-01	2	24	REF
800375-001	32-30-01	2	52	2	820131-501	34-10-00	1	43	REF
800376	27-50-00	1	25	REF	820131-503	39-10-00	1	1	REF
800376-001	57-10-04	5	16	1		53-10-04	5	1	1
800376-007	57-10-04	5	16	1	820131-505	39-10-00	1	1	REF
800390	00-00-00	1	-	REF		53-10-04	5	1	1
800393-503	39-10-02	1	29	1	820135-503	53-10-04	5	1	1
800393-507	39-10-02	1	29	1	820144-501	39-10-00	1	30	1
800393-511	39-10-02	1	29	1	820147-001	53-10-04	5	6	1

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PART NO.	CH-SEC-SUB	FIG	ITEM	TTL	PART NO.	CH-SEC-SUB	FIG	ITEM	TTL
820192-505	37-00-00	1	21	REF	820331-019	39-10-02	1	30	1
	39-10-00	1	17	1	820335-001	53-10-04	5	19	1
	39-10-02	1	11	1	820335-003	53-10-04	5	19	1
820202	00-00-00	1	-	REF	820335-501	53-10-04	5	19	1
820202-501	39-10-00	1	29	1	820337	00-00-00	1	-	REF
820203-503	37-00-00	1	22	REF	820337-000	39-10-00	1	-	REF
	39-10-00	1	18	1	820339-501	39-10-02	1	1	REF
820215-001	37-00-00	1	36	1	820340	00-00-00	1	-	REF
820252	00-00-00	1	-	REF	820340-000	39-10-02	1	-	REF
820252-003	34-10-00	1	30	1	820341-001	39-10-02	1	8	2
820252-005	34-10-00	1	31	1	820341-003	39-10-02	1	8	1
820252-009	34-10-00	1	14	1	820802	37-00-00	1	38	1
820252-041	34-10-00	1	37	1	820904-002	37-00-00	1	36	1
820252-043	34-10-00	1	32	1	8-32 x .25	27-40-03	4	5	1
820252-045	34-10-00	1	33	1	8-32 X .25 LG	27-40-02	3	13	2
820252-047	34-10-00	1	16	2		27-40-02	3	3	1
820252-049	34-10-00	1	23	1	8-32 x 1/4	27-40-00	1	39	REF
820252-051	34-10-00	1	25	1	8-32 X 375 LG	33-40-01	2	8	6
820252-053	34-10-00	1	20	1	8-32X.25LG	27-50-01	2	7	1
820252-055	34-10-00	1	34	1	840071-005	53-60-00	1	1	1
820252-075	34-10-00	1	10	1	840071-009	53-60-00	1	1	2
820252-077	34-10-00	1	5	1	840071-011	53-60-00	1	1	1
820302-007	53-10-04	5	2	3	840071-019	53-60-00	1	1	1
820306-073	53-10-04	5	16	1	8414	39-40-01	1	5	1
	53-10-04	5	18	3	850002-503	32-40-01	2	93	1
820308	32-30-01	2	55	REF	850003-501	32-40-01	2	94	1
820308-527	34-10-00	1	47	REF	850009-000	32-40-01	2	97	1
820308-535	39-10-00	1	13	1	850109	00-00-00	1	-	REF
820308-541	39-10-02	1	9	1		32-10-00	1	37	REF
820310	32-30-01	2	57	REF		32-11-00	1	26	REF
820310-003	53-10-04	5	3	1		32-40-02	3	35	REF
820310-003	53-10-04	5	7	1	850109-019	32-40-01	2	66	1
820327	32-30-01	2	63	REF	850109-059	32-40-01	2	35	1
820327-005	53-10-04	5	6	1	850109-063	32-40-01	2	27	1
820327-021	53-10-04	5	12	1	850109-075	32-40-01	2	36	1
820327-027	53-10-04	5	9	1	850109-077	32-40-01	2	25	1
820327-031	53-10-04	5	8	1	850109-079	32-40-01	2	58	2
820327-033	53-10-04	5	11	1	850109-081	32-40-01	2	70	1
820327-511	53-10-04	5	11	1	850109-083	32-40-01	2	64	1
820327-513	39-10-00	1	45	REF	850109-085	32-40-01	2	65	1
	53-10-04	5	6	1	850109-089	32-40-01	2	45	1
820327-519	39-10-02	1	34	1	850109-095	32-40-01	2	33	1
820328-001	53-10-04	5	13	2	850109-521	32-40-01	2	1	REF
820328-003	53-10-04	5	14	9	850110-501	32-40-01	2	42	1
820328-005	53-10-04	5	4A	4	855S-O-U	32-30-00	1	38	1
	53-10-04	5	5A	4	855-W-STD	27-00-00	1	10	1
820329	00-00-00	1	-	REF	859109-087	32-40-01	2	78	2
820329-505	53-10-04	5	-	REF	860015	00-00-00	1	-	REF
820329-511	53-10-04	5	-	REF	860015-001	37-00-00	1	25	1
820329-513	53-10-04	5	-	REF		53-20-02	3	14	1
820331-001	53-10-04	5	5A	2	860015-503	37-00-00	1	20	1
820331-007	53-10-04	5	4A	1	860015-505	37-00-00	1	-	REF
820331-008	53-10-04	5	4A	1	860015-507	37-00-00	1	-	REF
820331-009	39-10-00	1	38	REF	860049-507	34-10-00	1	13	1
	53-10-04	5	4	1		34-10-00	1	19	1
820331-015	39-10-00	1	40	REF	860052-011	37-00-00	1	16	1
	53-10-04	5	5	1		37-00-00	1	17	1
820331-019	39-10-02	1	27	1	860060-017	37-00-00	1	49	1

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PART NO.	CH-SEC-SUB	FIG	ITEM	TTL	PART NO.	CH-SEC-SUB	FIG	ITEM	TTL
860060-023	37-00-00	1	48	1	880052-121	39-10-00	1	3	1
860060-025	37-00-00	1	52	1		39-10-02	1	36	1
860060-053	37-00-00	1	50	1	880052-123	25-00-00	1	46	1
860063-501	37-00-00	1	-	REF		39-10-00	1	4	1
860063-503	37-00-00	1	-	REF		39-10-02	1	37	1
860064-001	37-00-00	1	51	1	880052-127	39-10-00	1	47	1
86255	39-10-00	1	29	1	880052-501	39-10-00	1	9	1
870007-023	35-00-00	1	3	1		39-10-02	1	3	1
870011-001	35-00-00	1	59	1	880052-503	39-10-00	1	10	1
870012-001	35-00-00	1	60	1		39-10-02	1	4	1
870012-003	35-00-00	1	61	3	880052-519	27-40-03	4	21	REF
870013-501	35-00-00	1	62	1	880052-527	39-10-02	1	35	1
870014-001	35-00-00	1	15	1	880058-001	39-10-00	1	33	1
870015-003	35-00-00	1	10	1	880059-011	39-10-00	1	28	1
870015-005	35-00-00	1	11	1	880059-117	39-10-00	1	29A	1
870016-001	35-00-00	1	26	1	880059-155	39-10-00	1	28	1
870025-503	35-00-00	1	-	1	880059-157	39-10-00	1	28	1
870029	95-00-00	1	-	REF	880059-171	39-10-00	1	28	1
870029-001	35-00-00	1	4	1	880059-173	39-10-00	1	28	1
870029-003	35-00-00	1	34	1	880059-175	39-10-00	1	28	1
870029-009	35-00-00	1	12	1	880059-177	39-10-00	1	28	1
870029-021	35-00-00	1	39	1	880059-519	39-10-00	1	28	1
870029-023	35-00-00	1	37	1	880060-001	39-10-00	1	37	1
870029-515	35-00-00	1	-	REF	880061-501	39-10-00	1	28	1
870031-003	35-00-00	1	57	1	880090-501	39-10-02	1	29	1
87-5186	34-10-00	1	39	1	880093-505	39-10-02	1	13	1
880004-501	39-10-00	1	29A	1	880093-507	39-10-02	1	8	1
880011	95-00-00	1	-	REF	8906K2875	32-30-01	2	58	1
880011-505	57-30-00	1	10	1		39-10-00	1	36	1
880011-511	28-10-00	1	1	2		39-10-02	1	16	1
	57-30-01	2	5	REF	8906K3149	53-20-02	3	18	REF
880013-507	32-30-01	2	54	1	8906K4731	27-50-00	1	23	REF
	34-10-00	1	44	REF	8909NB	39-40-01	1	7	1
880024-009	28-10-00	1	3	1	89F5544	52-10-00	1	59	1
880030	37-00-00	1	13	REF	8R x 1/2 THA	27-60-00	1	11	22
880030-501	28-20-00	1	46	1	90033-19	33-40-03	4	-	1
880034-513	39-10-00	1	30	1	90033-20	33-40-03	4	-	1
880034-515	39-10-00	1	30	1	90295A140	25-00-00	1	47	2
880034-517	39-10-00	1	30	1	90DMC-15	61-10-00	1	9	2
880035	53-10-03	4	75A	REF	912001-000	56-20-01	2	2	1
880035-507	25-00-00	1	57	1	912004-009	24-20-00	1	9	1
880037	32-30-00	1	39	REF	912004-011	24-20-00	1	5	1
880037-507	32-30-01	2	1	1	912007-503	21-40-00	1	12	1
880039-523	39-10-00	1	32	1	912041	39-10-00	1	30	1
880040-501	32-40-01	2	39	1	912042-001	52-10-00	1	57	1
880040-503	32-40-01	2	39	1	912042-003	52-30-00	1	34	1
880042-501	24-40-00	1	23	1	912081	39-10-00	1	30	1
880043-501	27-40-00	1	35	1	91-21	32-10-00	1	41	1
880044-507	39-10-00	1	31	1	91251A192	25-00-00	1	47	2
880048-511	39-10-00	1	39	1	913001-007	53-10-03	4	7	1
880048-625	39-10-00	1	39	1	913007	27-20-00	1	54	REF
880048-627	39-10-00	1	39	1		27-30-00	1	11	REF
880049	33-40-00	1	4	REF		27-30-00	1	16	REF
880049-501	33-40-02	3	3	1	913007-000	53-10-03	4	34	2
	57-22-00	1	25	REF	913007-000	57-10-00	1	55	2
880050-507	27-40-03	4	1	1	913009-007	57-30-00	1	12	1
880052-119	39-10-00	1	34	1	913010-001	57-30-00	1	12	1
880052-121	25-00-00	1	46	1	913014-503	53-10-03	4	9	1

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PART NO.	CH-SEC-SUB	FIG	ITEM	TTL	PART NO.	CH-SEC-SUB	FIG	ITEM	TTL
913022-011	52-30-00	1	28	1	914011-007	27-30-00	1	17	2
913025	76-00-00	1	24	1	914012-008	27-10-00	1	44	2
913025-000	32-30-00	1	17	4	914012-015	27-20-00	1	61	1
	76-00-00	1	7	2		27-20-00	1	66	1
	76-00-00	1	20	1		27-30-00	1	22	1
913028-000	27-10-00	1	20	1		27-30-00	1	31	1
913029-000	27-10-00	1	31	1		32-30-00	1	15	1
913030-503	27-20-00	1	58	REF	914014-000	27-30-00	1	22	1
	53-10-03	4	86	1		27-30-00	1	31	1
913031-503	27-30-00	1	19	1	914016-000	27-20-00	1	49	REF
	27-30-00	1	37	REF		27-30-00	1	14	REF
	53-10-03	4	85	1		53-10-03	4	36	1
913032	27-30-00	1	29	REF	914016-501	27-20-00	1	49A	REF
913032-000	27-20-00	1	63	REF		27-40-03	4	19	REF
	55-00-00	1	19	1		53-10-03	4	36	1
913033-000	27-30-00	1	27	1	914017-000	27-40-01	2	37	1
	56-00-00	1	19	1		55-00-00	1	7	1
913038-501	27-30-00	1	37	REF	914019-001	32-40-02	3	19	2
913041-501	27-20-00	1	61A	1		37-00-00	1	24	1
913041-501	27-30-00	1	25	2	914019-001	53-20-01	2	51	1
913041-503	27-20-00	1	61B	1	914019-003	28-20-00	1	24A	2
913043-001	52-10-00	1	1	9		53-20-01	2	6	2
	53-20-02	3	17	2		53-20-01	2	8	4
913044-013	53-10-00	1	12	2		71-00-03	1	8	1
913045-011	53-10-01	2	15	1	914020-001	27-10-00	1	60	2
913045-019	53-10-02	3	3	2		32-30-01	2	19	1
913101-505	53-10-03	4	37	2	914020-004	27-10-00	1	15	2
913128-503	27-30-00	1	4	1		27-10-00	1	21	1
913136-1	21-50-00	1	6	1		32-30-00	1	70	1
913136-3	21-50-00	1	8	1		32-30-01	2	15	1
914001-501	55-20-00	1	5	1	914020-005	27-10-00	1	28	2
	55-40-00	1	11	1	914020-006	27-20-00	1	9	2
914001-503	55-20-00	1	4	3		27-20-00	1	15	1
	55-40-00	1	10	2	914020-008	27-20-00	1	20	1
	55-40-00	1	26	1	914020-009	27-20-00	1	50	3
914002-009	55-10-01	2	13	1		27-30-00	1	5	1
	55-30-00	1	32	2		27-30-00	1	10	1
914002-011	55-10-01	2	20	1		27-30-00	1	15	1
914002-013	55-00-00	1	15	1		53-10-03	4	36	2
	55-10-01	2	21	1		53-10-03	4	86A	2
	55-30-00	1	33	1	914020-010	27-20-00	1	8	2
914003-501	32-10-00	1	26	1	914020-014	27-10-00	1	18	2
914004-000	32-20-00	1	17	1	914020-016	32-30-00	1	45	2
914004-001	32-20-00	1	17	1	914020-017	32-10-00	1	13	1
914004-003	32-20-00	1	17	1		32-20-00	1	7	1
914005-000	32-30-00	1	50	2	914020-019	32-10-00	1	29	2
914007-002	32-20-00	1	3	2	914020-021	32-20-00	1	8	1
	71-20-00	1	7	2	914020-025	27-30-00	1	28	1
914007-003	32-20-00	1	13	2		55-00-00	1	19	1
914007-004	32-20-00	1	10	1	914020-026	27-30-00	1	28	1
914007-005	32-10-00	1	24	1		55-00-00	1	19	1
	32-20-00	1	17	1	914020-027	27-10-00	1	36	2
914007-013	32-20-00	1	2	2	914020-029	27-50-00	1	4	1
914008-003	32-30-00	1	17	4	914020-031	27-20-00	1	40	1
914009-009	27-10-00	1	38	2	914020-035	32-11-00	1	19	2
	27-30-00	1	2	1	914020-081	32-30-01	2	2	2
	32-30-00	1	22	1	914020-119	27-30-00	1	37	1
914011-007	27-20-00	1	56	2	914020-125	27-20-00	1	26	4

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914020-141	32-30-00	1	2	1	915020-000	32-30-00	1	47	1
	32-30-00	1	3	1	915021-501	32-30-00	1	54	1
914020-143	32-10-00	1	17	1	915022-009	32-30-00	1	47	1
914020-145	32-10-00	1	14	1	915025	27-20-01	2	2	REF
914020-159	32-30-01	2	15	1		27-20-01	2	8	REF
914020-160	32-11-00	1	37	1	915025-000	27-20-00	1	5	2
914020-161	32-11-00	1	30	1		32-40-02	3	23	2
914020-167	27-20-00	1	33	1	915026-017	27-40-01	2	41	1
914022-016	21-60-00	1	13	1	915028-503	27-20-00	1	55	1
914022-021	32-30-01	2	28	2		27-30-00	1	12	1
	52-30-00	1	29	1		27-40-03	4	20	REF
914022-051	25-10-00	1	8	4	915029-501	27-20-00	1	52	1
914024-002	37-00-00	1	8	1		27-30-00	1	7	1
914024-003	32-40-02	3	17	1	915031	27-10-00	1	54	REF
	32-40-02	3	18	1	915031-000	27-20-00	1	46	1
914024-005	32-40-01	2	73	2	915035-511	27-30-00	1	7	1
914024-011	27-00-00	1	8	1	915035-515	27-30-00	1	2	1
914024-013	27-00-00	1	8	1	915035-517	27-30-00	1	12	1
914024-015	27-00-00	1	8	1	915038-003	27-30-00	1	17	1
914024-017	27-00-00	1	8	1	915038-501	27-20-00	1	56	1
914024-029	27-00-00	1	8	1		27-30-00	1	17	1
914024-033	27-00-00	1	8	1	915040-301	27-20-00	1	21	2
914025-003	32-40-02	3	17	1	915041-501	27-10-00	1	24	1
	32-40-02	3	18	1	915042-501	27-10-00	1	57	1
914025-005	52-10-00	1	13	1	915043-501	27-10-00	1	62	REF
914025-013	25-20-01	2	28	1		27-30-00	1	2	1
	25-20-01	2	29	2	916005-000	32-30-00	1	10	1
	25-20-02	3	24	1		32-30-00	1	58	1
914042-503	32-40-01	2	59	1	916008-009	35-00-00	1	22	1
	32-40-01	2	67	1	916009-000	32-30-01	2	45	1
914044-003	53-10-04	5	2	3	916019-001	32-30-00	1	65	1
914044-009	53-10-03	4	99	2	917013-000	56-20-01	2	6	1
914044-011	71-00-00	1	20	1	917023-005	27-00-00	1	2	2
	78-00-00	1	16	REF	917023-903	27-00-00	1	2	2
914044-050	32-30-01	2	7	2	917024-001	27-00-00	1	6	1
	32-30-01	2	8	1	917024-003	27-00-00	1	5	1
914071-003	56-20-01	2	5	2	917024-007	27-00-00	1	8	1
914071-005	56-20-01	2	5A	2	917024-009	27-00-00	1	8	1
914081-003	55-00-00	1	2	2	917024-023	27-00-00	1	4	1
914083-001	25-00-00	1	44	4	917024-503	27-00-00	1	1	REF
914084-003	37-00-00	1	47	1		27-10-00	1	2	1
914088-001	53-10-04	5	15	1	917024-504	27-00-00	1	1	REF
	53-10-04	5	16	1		27-10-00	1	2	1
914091-501	27-30-00	1	9	1	917024-909	27-00-00	1	3	1
914092-011	21-40-00	1	2A	AR	917024-953	27-00-00	1	3	1
915002-002	27-50-00	1	18	1	917033-003	11-30-00	1	18	1
915002-003	27-50-00	1	18	1		53-20-02	3	9	1
915004-000	27-20-00	1	23	2	917033-005	11-30-00	1	17	1
915005-000	27-20-00	1	21	2		53-20-02	3	8	1
915007-001	27-20-00	1	61	1	917033-007	11-30-00	1	15	1
915007-003	27-30-00	1	22	1		53-20-02	3	6	1
915007-005	27-30-00	1	31	2	917033-009	11-30-00	1	16	1
915007-009	27-30-00	1	22	1		53-20-02	3	7	1
915007-011	27-30-00	1	31	1	917033-011	11-30-00	1	32	1
915007-015	27-20-00	1	66	1		53-20-02	3	5	1
915008-501	27-30-00	1	50	1	917033-013	76-00-00	1	34	1
915017-501	27-10-00	1	32	2	917033-501	53-20-02	3	9	1
915020-000	32-11-00	1	36	REF	917033-503	53-20-02	3	8	1

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PART NO.	CH-SEC-SUB	FIG	ITEM	TTL	PART NO.	CH-SEC-SUB	FIG	ITEM	TTL
917033-505	53-20-02	3	6	1	930023-351	39-10-02	1	41	1
917033-507	53-20-02	3	7	1	930023-355	39-10-02	1	26	1
917033-509	53-20-02	3	5	1	930026-001	57-30-00	1	18	4
919026-065	95-30-02	3	3	1		57-30-00	1	21	2
921001	57-22-00	1	19	REF		57-30-00	1	23	2
921001-001	57-30-00	1	25	2		57-30-00	1	24	2
	57-30-00	1	26	1		57-30-00	1	47	2
	57-30-00	1	27	2	930027-001	57-30-00	1	26	1
	57-30-00	1	30	2		57-30-00	1	29	2
	57-30-00	1	36	2		57-30-00	1	32	2
921001-003	57-30-00	1	25	1		57-30-00	1	33	1
	57-30-00	1	26	1		57-30-00	1	34	2
	57-30-00	1	27	1	930028-501	39-10-00	1	23A	1
	57-30-00	1	30	1		39-10-02	1	25	1
	57-30-00	1	36	1	940038-501	23-60-00	1	-	1
	57-30-00	1	41	1	940039	39-40-00	1	-	REF
921001-505	57-30-00	1	33	1		95-00-00	1	-	REF
921002-001	57-30-00	1	16	2	940054-505	33-40-02	3	-	1
	57-30-00	1	41	2	940090-501	27-50-00	1	25	1
921002-001	57-30-00	1	46	1	940092-501	71-00-02	3	-	REF
921002-003	57-30-00	1	16	1	940095-501	78-00-00	1	-	REF
	57-30-00	1	46	1	940105	24-20-00	1	-	REF
921002-501	57-30-00	1	46	2	940112-501	32-30-00	1	-	1
92-16	32-10-00	1	42	2	94-103	32-40-00	1	17	3
930003-000	27-10-00	1	50	1	950006-007	24-40-00	1	21	1
930003-501	27-10-00	1	50	1		35-00-00	1	19	1
930014-000	55-10-00	1	39	1	950006-009	24-40-00	1	21	1
930016-000	55-10-00	1	40	1		35-00-00	1	23	1
930022-001	55-10-01	2	43	4	950006-011	24-40-00	1	21	1
930022-009	53-10-03	4	12	1		35-00-00	1	22	1
	55-10-00	1	41	1	950006-013	24-40-00	1	21	1
930022-505	53-10-03	4	12	2		35-00-00	1	20	1
	55-10-00	1	41	1	950006-015	24-40-00	1	21	1
930023	39-10-00	1	50	AR		35-00-00	1	21	1
930023-003	33-40-03	4	11	REF	950006-501	24-40-00	1	21	1
930023-219	39-10-00	1	23A	1		35-00-00	1	18	1
	39-10-02	1	25	1	950022-001	32-40-02	3	28	1
930023-243	33-40-03	4	11	REF	950022-002	32-40-02	3	28	1
930023-305	39-10-00	1	25	1	950092-001	32-30-01	2	5	1
	39-10-02	1	23	1	950093-000	32-30-01	2	4	1
930023-309	39-10-00	1	27	1	950102	32-40-01	2	61	REF
	39-10-02	1	21	1	950102-013	53-20-01	2	32	1
930023-311	39-10-00	1	23	1	950110-000	32-30-00	1	27	2
	39-10-02	1	22	1	950142-000	32-30-00	1	34	1
930023-313	39-10-00	1	11	1	950155-005	27-60-00	1	22	1
	39-10-02	1	5	1	950155-007	27-60-00	1	22	2
930023-331	25-00-00	1	46	1	950209	95-00-00	1	-	REF
	39-10-00	1	5	1	950209-511	95-40-00	1	-	REF
930023-337	25-00-00	1	46	1	950209-515	95-40-00	1	-	REF
	39-10-00	1	7	1	950239-031	32-40-02	3	11	2
930023-343	25-00-00	1	46	1	950251	26-20-00	1	1	REF
	39-10-00	1	8	1	950251-005	26-20-00	1	3	1
930023-345	39-10-00	1	26	1	950251-007	26-20-00	1	4	1
930023-347	39-10-00	1	24	1	950251-009	26-20-00	1	4	2
	39-10-02	1	24	1	950251-011	26-20-00	1	4	4
930023-351	25-00-00	1	46	1	950251-015	26-20-00	1	6	1
	39-10-00	1	6	1	950251-511	26-20-00	1	2	1
	39-10-02	1	40	1	950252	95-00-00	1	-	REF

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PART NO.	CH-SEC-SUB	FIG	ITEM	TTL	PART NO.	CH-SEC-SUB	FIG	ITEM	TTL
950252-001	33-40-04	5	10	5	A-10	37-00-00	1	44	1
950252-503	33-40-04	5	10	1		53-10-03	4	1	1
950252-505	33-40-04	5	-	REF	A-12	37-00-00	1	42	2
950253	95-00-00	1	-	REF	A-14	37-00-00	1	6	2
950253-501	23-60-00	1	-	REF		37-00-00	1	10	2
950253-503	23-60-00	1	1	15		37-00-00	1	14	2
950253-505	23-60-00	1	1	15		37-00-00	1	32	1
950253-507	23-60-00	1	-	REF		37-00-00	1	33	2
950256	95-00-00	1	-	REF		37-00-00	1	34	2
950256-003	53-60-00	1	1	1	A-1580	53-10-03	4	1	1
950256-005	53-60-00	1	1	1	A-1635-133	61-10-00	1	4	26
950256-007	53-60-00	1	1	1	A-1635-39	61-10-00	1	4	26
950256-009	53-60-00	1	7	1	A-1638-26	61-10-00	1	2	24
950256-017	53-60-00	1	8	1	A-1638-5	61-10-00	1	4	26
950256-018	53-60-00	1	9	1	A-1639-4	61-10-00	1	2	12
950256-019	53-60-00	1	5	1	A-2513-42	61-10-00	1	2	12
950256-021	53-60-00	1	4	1	A-30	39-10-00	1	48	1
950256-023	53-60-00	1	11	1	A-400-2-2	35-00-00	1	7	1
950256-501	53-60-00	1	-	REF	A-400-6	34-10-00	1	6	1
950256-503	53-60-00	1	1	1	A-400-61	34-10-00	1	9	2
950257	00-00-00	1	-	REF	A-400-6-3	34-10-00	1	26	2
	95-00-00	1	-	REF	A-400-9	35-00-00	1	31	1
950266-001	53-60-00	1	2	1	A-40626	30-60-00	1	5	6
950267-501	53-10-00	1	59	1	A-6	37-00-00	1	50	2
950270	32-10-00	1	37	REF		37-00-00	1	52	2
	95-00-00	1	-	REF	A10-80	30-10-00	1	13	4
950270-001	32-40-02	3	12	1	A10-80	52-10-00	1	44	2
950270-003	32-40-02	3	1	1	A10-80	56-20-01	2	26	2
950270-005	32-40-02	3	13	1	A12	24-20-00	1	8	5
950270-007	32-40-02	3	2	1	A1348-BZ1	27-60-00	1	11	22
950270-009	32-40-02	3	5	2	A1390	34-10-00	1	39	1
950270-503	32-40-02	3	12	1	A1776-4Z-1	25-20-02	3	26	4
950270-505	32-40-02	3	1	1	A1777-6Z-1	21-40-00	1	34	4
950270-507	32-40-02	3	13	1	A1789-BZ1	53-30-00	1	6	2
950270-509	32-40-02	3	2	1	A1890-4Z-1	25-00-00	1	5	8
950270-511	32-40-02	3	-	REF		25-00-00	1	7	2
950271	57-30-00	1	19	REF		25-00-00	1	24	2
	95-00-00	1	-	REF		25-00-00	1	27	2
950271-501	27-60-00	1	-	REF		35-00-00	1	46	REF
950272	95-00-00	1	-	REF		35-00-00	1	48	2
950272-501	33-40-03	4	-	REF	A2-91-1	37-00-00	1	28	1
950272-503	33-40-03	4	-	1	A224-6Z	25-20-00	1	6	12
	33-40-04	5-	-	1	A3135-017	57-22-00	1	5	8
950D-0309-000	57-30-00	1	45	1	A3BA-7011-1	39-10-02	1	7	1
950D0324-000	95-30-00	1	1	1	A427-4	57-22-00	1	16	2
95-102	32-40-00	1	17	3	A441	55-40-00	1	37	1
95-104	32-10-00	1	44	4	A56B	30-10-00	1	17	AR
	32-40-00	1	17	3	A610-M	57-22-00	1	15	2
9511AH270-135-28V	30-10-00	1	27	1	A612	55-40-00	1	35	1
	30-10-00	1	28	1	A6-120	55-40-00	1	30	2
95-30-161-12	71-60-00	1	5	3	A612-D	57-22-00	1	14	2
960008-000	24-40-00	1	21	1	A6187-4Z-1	52-10-00	1	9	7
9604K8	25-20-02	3	11	4	A625-D-M	55-40-00	1	33	1
960-516	52-10-00	1	40	1	A626	57-22-00	1	9	2
98335A044	52-30-00	1	13	1	A627	55-40-00	1	33	1
9A-20580	25-10-01	2	5	1	A628	55-40-00	1	36	1
A/M344-1	37-00-00	1	35	1	A629	55-40-00	1	34	1
A/M344-1	39-10-00	1	42	REF	A650	33-40-02	3	9	REF

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PART NO.	CH-SEC-SUB	FIG	ITEM	TTL	PART NO.	CH-SEC-SUB	FIG	ITEM	TTL
950252-001	33-40-04	5	10	5	A-10	37-00-00	1	44	1
950252-503	33-40-04	5	10	1		53-10-03	4	1	1
950252-505	33-40-04	5	-	REF	A-12	37-00-00	1	42	2
950253	95-00-00	1	-	REF	A-14	37-00-00	1	6	2
950253-501	23-60-00	1	-	REF		37-00-00	1	10	2
950253-503	23-60-00	1	1	15		37-00-00	1	14	2
950253-505	23-60-00	1	1	15		37-00-00	1	32	1
950253-507	23-60-00	1	-	REF		37-00-00	1	33	2
950256	95-00-00	1	-	REF		37-00-00	1	34	2
950256-003	53-60-00	1	1	1	A-1580	53-10-03	4	1	1
950256-005	53-60-00	1	1	1	A-1635-133	61-10-00	1	4	26
950256-007	53-60-00	1	1	1	A-1635-39	61-10-00	1	4	26
950256-009	53-60-00	1	7	1	A-1638-26	61-10-00	1	2	24
950256-017	53-60-00	1	8	1	A-1638-5	61-10-00	1	4	26
950256-018	53-60-00	1	9	1	A-1639-4	61-10-00	1	2	12
950256-019	53-60-00	1	5	1	A-2513-42	61-10-00	1	2	12
950256-021	53-60-00	1	4	1	A-30	39-10-00	1	48	1
950256-023	53-60-00	1	11	1	A-400-2-2	35-00-00	1	7	1
950256-501	53-60-00	1	-	REF	A-400-6	34-10-00	1	6	1
950256-503	53-60-00	1	1	1	A-400-61	34-10-00	1	9	2
950257	00-00-00	1	-	REF	A-400-6-3	34-10-00	1	26	2
	95-00-00	1	-	REF	A-400-9	35-00-00	1	31	1
950266-001	53-60-00	1	2	1	A-40626	30-60-00	1	5	6
950267-501	53-10-00	1	59	1	A-6	37-00-00	1	50	2
950270	32-10-00	1	37	REF		37-00-00	1	52	2
	95-00-00	1	-	REF	A10-80	30-10-00	1	13	4
950270-001	32-40-02	3	12	1	A10-80	52-10-00	1	44	2
950270-003	32-40-02	3	1	1	A10-80	56-20-01	2	26	2
950270-005	32-40-02	3	13	1	A12	24-20-00	1	8	5
950270-007	32-40-02	3	2	1	A1348-8Z1	27-60-00	1	11	22
950270-009	32-40-02	3	5	2	A1390	34-10-00	1	39	1
950270-503	32-40-02	3	12	1	A1776-4Z-1	25-20-02	3	26	4
950270-505	32-40-02	3	1	1	A1777-6Z-1	21-40-00	1	34	4
950270-507	32-40-02	3	13	1	A1789-8Z1	53-30-00	1	6	2
950270-509	32-40-02	3	2	1	A1890-4Z-1	25-00-00	1	5	8
950270-511	32-40-02	3	-	REF		25-00-00	1	7	2
950271	57-30-00	1	19	REF		25-00-00	1	24	2
	95-00-00	1	-	REF		25-00-00	1	27	2
950271-501	27-60-00	1	-	REF		35-00-00	1	46	REF
950272	95-00-00	1	-	REF		35-00-00	1	48	2
950272-501	33-40-03	4	-	REF	A2-91-1	37-00-00	1	28	1
950272-503	33-40-03	4	-	1	A224-6Z	25-20-00	1	6	12
	33-40-04	5-	-	1	A3135-017	57-22-00	1	5	8
950D-0309-000	57-30-00	1	45	1	A3BA-7011-1	39-10-02	1	7	1
950D0324-000	95-30-00	1	1	1	A427-4	57-22-00	1	16	2
95-102	32-40-00	1	17	3	A441	55-40-00	1	37	1
95-104	32-10-00	1	44	4	A56B	30-10-00	1	17	AR
	32-40-00	1	17	3	A610-M	57-22-00	1	15	2
9511AH270-135-28V	30-10-00	1	27	1	A612	55-40-00	1	35	1
	30-10-00	1	28	1	A6-120	55-40-00	1	30	2
95-30-161-12	71-60-00	1	5	3	A612-D	57-22-00	1	14	2
960008-000	24-40-00	1	21	1	A6187-4Z-1	52-10-00	1	9	7
9604K8	25-20-02	3	11	4	A625-D-M	55-40-00	1	33	1
960-516	52-10-00	1	40	1	A626	57-22-00	1	9	2
98335A044	52-30-00	1	13	1	A627	55-40-00	1	33	1
9A-20580	25-10-01	2	5	1	A628	55-40-00	1	36	1
A/M344-1	37-00-00	1	35	1	A629	55-40-00	1	34	1
A/M344-1	39-10-00	1	42	REF	A650	33-40-02	3	9	REF

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PART NO.	CH-SEC-SUB	FIG	ITEM	TTL	PART NO.	CH-SEC-SUB	FIG	ITEM	TTL
A650-PG-D-M	33-40-00	1	1	REF	AN310-3	55-40-00	1	15	1
	57-22-00	1	8	1		76-00-00	1	7	1
A650-PR-D-M	33-40-00	1	1	REF		76-00-00	1	20	1
A650-PR-D-M	57-22-00	1	8	1		76-00-00	1	24	1
A6-75	57-30-00	1	11	4	AN310-4	25-10-00	1	29	2
A6K75	53-50-00	1	7	7		25-10-00	1	40	1
A8	37-00-00	1	16	2		27-10-00	1	40	2
	37-00-00	1	17	2		27-20-00	1	40	1
	37-00-00	1	48	2	AN310-5	27-40-01	2	37	1
A8152B	28-20-00	1	1	1		55-00-00	1	5	1
A-850-16	32-40-02	3	32	REF		55-00-00	1	7	1
A8-75	35-00-00	1	3	1	AN310-7	32-20-00	1	10	1
	52-10-00	1	51	8	AN3-10A	27-10-00	1	45	1
	53-10-00	1	45	2		27-20-00	1	13	1
	53-10-02	3	15	19		27-20-00	1	18	1
	53-10-02	3	17	17		27-20-00	1	48	1
	53-10-03	4	80	4		27-20-00	1	53	5
AC750-10	53-10-00	1	56	2		27-20-00	1	67	1
AE99950G	71-00-00	1	44	1		27-30-00	1	3	1
AGS1186C	30-10-00	1	40	2		27-30-00	1	8	2
AM393-13	27-20-01	2	17	2	AN3-10A	27-30-00	1	13	2
AN100-3	27-30-00	1	46	2		27-30-00	1	18	1
	27-40-03	4	14	2		27-50-00	1	20	1
AN174-20A	55-00-00	1	2	2		28-20-00	1	24A	2
AN219-A1	32-30-01	2	16	1		32-30-00	1	26	2
AN23-14A	25-10-00	1	53	2		32-30-00	1	48	2
	27-10-00	1	26	1		32-30-00	1	71	1
	32-11-00	1	41	1		32-40-01	2	41	1
AN23-15	27-20-00	1	38	1		37-00-00	1	8	1
AN23-16	27-20-00	1	28	1		53-20-01	2	22	4
AN23-17A	32-21-00	1	16	2		53-20-01	2	28	2
AN23-19A	27-20-00	1	42	1		55-00-00	1	14	1
	52-10-00	1	7	1		57-50-00	1	2	4
	53-20-01	2	3	3		76-00-00	1	4	2
AN23-21A	32-21-00	1	12	2		76-00-00	1	17	2
	32-30-00	1	25	1		76-00-00	1	29	1
AN23-22A	25-10-00	1	8	4	AN310C3	78-00-00	1	22	3
AN23-23A	32-30-00	1	25	1	AN3-11	25-20-01	2	25	4
	55-40-00	1	18	1		25-20-02	3	15	REF
AN23-24A	53-20-01	2	50	1		27-30-00	1	51	1
AN23-26	55-20-00	1	12	1		76-00-00	1	7	1
AN23-26A	53-20-01	2	8	4		76-00-00	1	20	1
AN23-27A	53-20-01	2	6	2	AN3-11A	25-20-01	2	13	4
	55-40-00	1	18	1		27-10-00	1	13	2
AN23-28	55-40-00	1	15	1		27-10-00	1	34	2
AN24-22A	25-10-00	1	6	2		27-10-00	1	39	2
AN24-28A	25-10-00	1	7	2		27-20-00	1	57	2
AN253-4-368	53-10-03	4	93	1		27-20-00	1	59	1
AN253-4-508	53-10-03	4	96	1		27-30-00	1	23	1
AN257-3	35-00-00	1	22	1		27-40-03	4	11	4
AN3-10	27-10-00	1	33	2		27-50-00	1	9	1
	27-20-00	1	35	1		32-11-00	1	31	1
	27-40-01	2	21	2		32-30-00	1	17	2
AN310-3	27-10-00	1	33	2		32-30-00	1	19	1
	27-20-00	1	35	1		53-10-00	1	13	3
	27-40-01	2	21	2		53-10-00	1	13	1
	52-30-00	1	26	1		53-10-02	3	13	2
	55-20-00	1	12	1		53-20-01	2	19	4

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PART NO.	CH-SEC-SUB	FIG	ITEM	TTL	PART NO.	CH-SEC-SUB	FIG	ITEM	TTL
AN3-11A	55-00-00	1	14	3	AN316-4R	27-20-00	1	61	1
	55-00-00	1	17	8		27-20-00	1	66	1
	71-00-03	1	10	1		27-30-00	1	2	1
AN3-12A	25-20-01	2	28	1		27-30-00	1	22	1
	25-20-02	3	24	1		27-30-00	1	31	1
	27-20-00	1	62	2		32-11-00	1	10	1
	32-11-00	1	11	1		32-21-00	1	14	4
	32-30-00	1	20	1		32-30-00	1	23	1
	37-00-00	1	47	1		52-10-00	1	29	1
	52-10-00	1	6	1		52-10-00	1	31	1
	55-00-00	1	15	2	AN316-5R	32-20-00	1	12	2
	55-10-01	2	22	4		32-30-00	1	69	1
	71-00-00	1	20	1	AN316-6R	32-30-00	1	61	1
AN3-13A	78-00-00	1	16	REF		32-40-01	2	57	1
	25-20-01	2	29	2		76-00-00	1	34	1
	27-10-00	1	15	2	AN316-7R	32-30-00	1	39	1
	27-10-00	1	31	1		76-00-00	1	3	2
	27-30-00	1	32	1	AN3-16A	27-30-00	1	37	1
	27-40-01	2	26	1	AN316-R4	34-10-00	1	28	2
	32-11-00	1	12	1	AN3-17A	27-20-00	1	9	2
AN3-13A	57-10-00	1	33	2	AN3-17A	32-30-00	1	35	1
AN3-14A	25-10-00	1	33	2		32-40-02	3	17	1
	25-10-00	1	41	2		32-40-02	3	18	1
	27-10-00	1	12	2	AN320-3	25-20-01	2	25	4
	27-10-00	1	21	1		25-20-02	3	15	REF
	32-40-01	2	59	1		27-20-00	1	38	1
	32-40-01	2	67	1		27-30-00	1	41	1
AN315-3	32-11-00	1	44	1		27-30-00	1	47	1
	53-20-02	3	5	REF		27-30-00	1	51	1
	53-20-02	3	6	REF	AN320-4	27-10-00	1	20	1
	53-20-02	3	7	REF		27-30-00	1	40	REF
	53-20-02	3	8	2		27-30-00	1	49	1
	53-20-02	3	9	REF	AN320-6	32-10-00	1	13	1
	76-00-00	1	20	1	AN3-20A	27-30-00	1	24	1
	76-00-00	1	23	1		27-30-00	1	28	1
AN315-3R	32-40-01	2	57	1		28-20-00	1	26	2
	52-10-00	1	12	2	AN3-21A	27-30-00	1	52	1
	76-00-00	1	34	1	AN3-22A	32-40-01	2	83	2
AN315-4R	25-20-02	3	28	1	AN3-23A	27-20-00	1	20	1
	32-30-00	1	7	1		32-11-00	1	24	1
AN315-640	21-40-00	1	23	1	AN3-24A	27-20-00	1	50	3
AN315-640R	21-40-00	1	8	1		27-30-00	1	5	1
AN3-15A	25-10-00	1	4	2		27-30-00	1	10	1
	25-10-00	1	28	2		27-30-00	1	15	1
	27-10-00	1	28	2		27-30-00	1	20	1
	27-20-00	1	31	1		32-30-01	2	7	2
	71-00-00	1	41	2		32-40-01	2	40	1
	76-00-00	1	29	1		53-10-03	4	36	2
AN315-D4R	34-10-00	1	28	2		53-10-03	4	86A	2
AN316-10R	32-30-00	1	61	1	AN3-25A	25-10-00	1	22	2
AN316-12R	76-00-00	1	2	1		32-30-01	2	8	1
AN316-4A	27-50-00	1	18	1	AN3-26A	53-60-00	1	6	2
AN316-4L	52-10-00	1	29	1	AN3-3	32-40-01	2	48	1
	52-10-00	1	31	1	AN3-30A	27-20-00	1	8	2
AN316-4R	27-10-00	1	32	2	AN3-31A	25-10-00	1	2	2
	27-10-00	1	38	2		25-10-00	1	19	2
	27-20-00	1	29	2	AN3-33A	32-11-00	1	39	1
	27-20-00	1	46	1	AN3-34A	27-10-00	1	23	2

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PART NO.	CH-SEC-SUB	FIG	ITEM	TTL	PART NO.	CH-SEC-SUB	FIG	ITEM	TTL
AN3-3A	21-40-00	1	11	4	AN3-4A	57-10-01	2	35	4
	21-50-00	1	24	3		57-10-01	2	36	4
	21-50-00	1	55	4		57-10-01	2	37	4
	21-50-00	1	90	5		57-10-04	5	27	12
	21-50-00	1	99	14		71-00-01	2	14	6
	32-30-01	2	36	1		71-00-03	1	14	1
	32-30-01	2	38	1		71-00-03	1	16	1
	32-30-01	2	40	2		76-00-00	1	28	3
	32-30-01	2	47	1		78-00-00	1	15	1
	32-40-01	2	46	1		78-00-00	1	18	2
	32-40-01	2	52	1		78-00-00	1	27	10
	32-40-01	2	54	1		30-10-00	1	20	1
	34-10-00	1	27	1		21-40-00	1	2	1
	53-10-03	4	68	2		21-50-00	1	4	4
	57-10-00	1	24	2		25-00-00	1	41	2
	71-00-00	1	10	1		25-20-01	2	27	6
	71-00-00	1	14	1		25-20-01	2	34	2
	71-00-00	1	25	1		27-20-01	2	15	2
AN3-4	28-20-00	1	47	4		27-50-00	1	11	3
AN340-4	39-40-01	1	6	4		32-30-00	1	28	2
AN340-4	39-40-01	1	14	2		32-30-01	2	50	4
	39-40-01	1	15	1	AN3-5A	32-30-01	2	53	4
	53-10-00	1	59	2		32-40-01	2	50	1
AN340-6	39-40-01	1	2	4		32-40-02	3	20	1
	39-40-01	1	8	2		32-40-02	3	36	1
	39-40-01	1	9	2		32-40-02	3	38	1
	39-40-01	1	23	4		35-00-00	1	9	4
AN340-8	39-40-01	1	16	2		35-00-00	1	27	2
	39-40-01	1	20	1		39-40-00	1	3	1
	76-00-00	1	33	1		39-40-00	1	4	3
AN340-832	32-30-01	2	43	1		55-10-00	1	32	2
AN3-40A	55-00-00	1	19	1		57-10-00	1	36	2
AN340B6	30-60-00	1	4	6		57-10-00	1	37	2
AN341-8	33-40-01	2	7	2		57-10-01	2	42	2
AN3-41A	08-00-00	1	9	1		71-60-00	1	27	2
AN3-4A	21-40-00	1	1	10		78-00-00	1	9	1
	21-40-00	1	2	1	AN3-6	27-30-00	1	41	1
	21-40-00	1	2	1		27-30-00	1	47	1
	21-50-00	1	19	1		25-20-01	2	1	2
	21-50-00	1	25	8		25-20-01	2	9	2
	21-50-00	1	26	4		61-10-00	1	2	24
	21-50-00	1	32	4		61-10-00	1	5	2
	21-50-00	1	46	1		32-30-01	2	23	6
	21-50-00	1	49	1		53-20-01	2	52	15
	24-20-00	1	6	1		95-30-02	3	3	1
	27-20-01	2	16	2		21-40-00	1	20	1
	28-20-00	1	25A	1		25-20-01	2	27	6
	32-20-00	1	27	1		25-20-01	2	28	1
	32-40-01	2	29	1		25-20-01	2	29	2
	32-40-02	3	37	1		27-10-00	1	12	2
	37-00-00	1	12	2		27-10-00	1	13	2
	37-00-00	1	25	1		27-10-00	1	15	2
	37-00-00	1	39	4		27-10-00	1	21	1
	53-10-03	4	1	1		27-10-00	1	23	2
	53-10-03	4	34	4		27-10-00	1	25	1
	53-40-00	1	11	16		27-10-00	1	26	1
	55-10-00	1	31	2		27-10-00	1	28	2
	57-10-00	1	54	2		27-10-00	1	31	1

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PART NO.	CH-SEC-SUB	FIG	ITEM	TTL	PART NO.	CH-SEC-SUB	FIG	ITEM	TTL
AN363-1032	27-10-00	1	34	2	AN363-1032	53-10-00	1	13	3
	27-10-00	1	39	2		53-10-00	1	13	1
	27-10-00	1	58	2		53-10-03	4	1	1
	27-10-00	1	60	2		53-20-01	2	10	4
	27-10-00	1	63	1		53-40-00	1	11	16
	27-20-00	1	8	2		55-10-00	1	31	2
	27-20-00	1	9	2		55-10-00	1	32	2
	27-20-00	1	13	1		55-10-01	2	22	4
	27-20-00	1	15	1		55-20-00	1	7	1
	27-20-00	1	18	1		57-10-00	1	36	2
	27-20-00	1	20	1		57-10-00	1	37	2
	27-20-00	1	22	4		71-60-00	1	36	1
	27-20-00	1	24	4	AN363-428	08-00-00	1	3	2
	27-20-00	1	26	4		08-00-00	1	9	1
	27-20-00	1	28	1		08-00-00	1	10	2
	27-20-00	1	31	1		08-00-00	1	15	1
	27-20-00	1	47	1		08-00-00	1	16	2
	27-40-00	1	27	2		24-20-00	1	19	4
	27-50-00	1	9	1		27-10-00	1	18	2
	27-50-00	1	11	3		27-10-00	1	36	2
	27-50-00	1	19	1		27-50-00	1	4	1
	27-50-00	1	20	1	AN363-428	32-30-01	2	2	1
	30-10-00	1	20	1		32-30-01	2	18	1
	32-30-00	1	25	2		53-10-00	1	13	2
	32-30-00	1	28	2		53-10-00	1	17	2
	32-30-00	1	42	1		53-10-00	1	18	1
	32-30-01	2	19	1		53-10-00	1	19	1
	32-30-01	2	36	1		53-40-00	1	4	8
	32-30-01	2	38	1		53-40-00	1	5	2
	32-30-01	2	40	2		53-40-00	1	6	2
	32-30-01	2	42	2		53-40-00	1	12	10
	32-30-01	2	47	1	AN363-524	32-20-00	1	15	1
	32-30-01	2	50	4		71-00-00	1	37	2
	32-40-01	2	29	1	AN363-624	32-20-00	1	2	2
	32-40-01	2	40	1		32-20-00	1	3	2
	32-40-01	2	41	1		32-20-00	1	7	1
	32-40-01	2	48	1		32-20-00	1	8	1
	32-40-01	2	50	1		53-40-00	1	3	2
	32-40-01	2	52	1	AN363-632	28-10-00	1	2	6
	32-40-01	2	54	1		32-30-00	1	31	2
	32-40-01	2	59	1		32-30-01	2	34	1
	32-40-01	2	67	1		39-10-01	2	9	1
	32-40-01	2	71	2		52-10-00	1	59	2
	32-40-01	2	73	2		53-10-00	1	47	1
	32-40-01	2	75	2		53-20-01	2	15	4
	32-40-01	2	79	2		53-20-01	2	56	4
	32-40-01	2	83	2		53-20-01	2	57	2
	32-40-02	3	17	1		53-20-01	2	59	4
	32-40-02	3	18	1		53-20-01	2	61	2
	32-40-02	3	20	1		57-30-01	2	4	REF
	32-40-02	3	27	2		95-30-02	3	2	1
	32-40-02	3	36	1	AN363-720	32-20-00	1	13	2
	32-40-02	3	37	1	AN363-832	27-40-00	1	26	2
	32-40-02	3	38	1		32-30-01	2	29	2
	35-00-00	1	3	4		32-40-02	3	19	2
	35-00-00	1	6	3		33-40-03	4	8	2
	35-00-00	1	34	2		53-10-00	1	56	2
	35-00-00	1	44	9		53-20-01	2	53	16

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PART NO.	CH-SEC-SUB	FIG	ITEM	TTL	PART NO.	CH-SEC-SUB	FIG	ITEM	TTL
AN363-832	53-20-02	3	1	2	AN365-1032	53-20-01	2	8	4
	53-20-02	3	2	2		53-20-01	2	19	4
	95-30-02	3	3	1		53-20-01	2	22	4
AN363-918	32-20-00	1	17	1		53-20-01	2	28	2
AN364-1032	25-20-01	2	34	2		53-20-01	2	30	2
	30-10-00	1	13	1		53-20-01	2	51	1
	32-40-01	2	46	1		53-30-00	1	6	2
	35-00-00	1	9	4		53-60-00	1	6	2
	35-00-00	1	27	2		55-00-00	1	14	3
AN364-428	25-10-00	1	6	2		55-00-00	1	14	1
	25-10-00	1	7	2		55-00-00	1	15	2
AN364-832	52-30-00	1	33	4		55-00-00	1	17	8
AN365-1032	25-20-02	3	24	1		55-00-00	1	19	1
	27-10-00	1	45	1		57-10-00	1	54	2
	27-10-00	1	48	1		57-10-01	2	35	4
	27-10-00	1	51	2		57-10-01	2	36	4
	27-20-00	1	42	1		57-10-01	2	37	4
	27-20-00	1	48	1		57-10-04	5	27	12
	27-20-00	1	50	3		57-50-00	1	2	4
	27-20-00	1	53	5		61-10-00	1	8	AR
	27-20-00	1	57	2	AN365-1032A	25-10-00	1	2	2
AN365-1032	27-20-00	1	59	1	AN365-1032A	25-10-00	1	4	2
	27-20-00	1	62	2		25-10-00	1	8	4
	27-20-00	1	67	1		25-10-00	1	19	2
	27-30-00	1	3	1		25-10-00	1	22	2
	27-30-00	1	5	1		25-10-00	1	28	2
	27-30-00	1	8	2		25-10-00	1	33	2
	27-30-00	1	10	1		25-10-00	1	41	2
	27-30-00	1	13	2	AN365-428	25-10-00	1	25	2
	27-30-00	1	15	1		27-10-00	1	3	2
	27-30-00	1	18	1		27-10-00	1	43	1
	27-30-00	1	20	1		32-10-00	1	52	2
	27-30-00	1	23	1		32-30-00	1	2	1
	27-30-00	1	24	1		32-30-00	1	3	1
	27-30-00	1	28	1		32-30-00	1	45	2
	27-30-00	1	32	1		53-10-02	3	53	1
	32-21-00	1	9	1		53-60-00	1	3	1
	32-21-00	1	12	2		55-00-00	1	2	2
	32-21-00	1	16	2		55-10-00	1	35	2
	32-30-00	1	17	2		57-10-00	1	3	2
	32-30-00	1	19	1		57-10-00	1	3	2
	32-30-00	1	20	1		57-50-01	2	7	2
	32-30-00	1	26	2		57-50-01	2	23	1
	32-30-00	1	35	1		57-50-01	2	24	1
	32-30-00	1	48	2	AN365-428C	57-10-00	1	3	1
	32-30-00	1	50	2	AN365-440	27-50-00	1	25	4
	32-30-00	1	62	2	AN365-440A	27-60-00	1	20	4
	34-10-00	1	15	2	AN365-524	32-40-00	1	8	3
	34-10-00	1	27	1	AN365-624	32-30-00	1	40	1
	52-10-00	1	4	2	AN365-632	30-10-00	1	18	3
	52-10-00	1	6	1		52-10-00	1	45	2
	52-10-00	1	7	1		52-10-00	1	48	2
	52-10-00	1	14	1		52-30-00	1	31	2
	52-10-00	1	15	4	AN365-832	52-10-00	1	52	2
	53-10-03	4	34	4		52-30-00	1	37	2
	53-10-03	4	36	2		53-10-03	4	35	8
	53-20-01	2	3	3	AN366F1032	53-10-03	4	72	4
	53-20-01	2	6	2	AN366F632	32-30-00	1	29	2

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AN366F632	57-10-00	1	7	4	AN380-2-2	32-40-02	3	9	2
AN3-6A	27-10-00	1	48	1		32-40-02	3	22	2
	27-10-00	1	51	2		32-40-02	3	24	2
	27-50-00	1	19	1		32-40-02	3	25	2
	32-11-00	1	19	2		32-40-02	3	30	2
	53-10-03	4	72	4		52-10-00	1	16	1
	53-20-01	2	30	2		52-10-00	1	17	1
	61-10-00	1	2	8		52-10-00	1	30	2
	71-60-00	1	29	4		52-10-00	1	33	1
	76-00-00	1	31	1		52-10-00	1	36	1
	78-00-00	1	6	1		52-10-00	1	39	1
	78-00-00	1	10	2		52-10-00	1	46	2
AN3-7	27-20-00	1	26	4		52-30-00	1	14	1
	76-00-00	1	24	1		52-30-00	1	16	1
AN3-7A	24-40-00	1	4	2		52-30-00	1	19	1
	27-10-00	1	25	1		52-30-00	1	21	1
	27-10-00	1	58	2		52-30-00	1	24	1
	27-10-00	1	60	2		52-30-00	1	26	1
	27-10-00	1	63	1		76-00-00	1	7	1
	27-20-00	1	15	1		76-00-00	1	20	1
	27-20-00	1	22	4		76-00-00	1	24	1
AN3-7A	27-20-00	1	24	4	AN380-2-2	95-10-00	1	2	2
	27-20-00	1	47	1	AN380-3-3	32-10-00	1	13	1
	32-11-00	1	41	1		32-20-00	1	10	1
	32-30-00	1	42	1	AN380-4-8	32-20-00	1	23	1
	32-30-00	1	62	2	AN381-2-10	52-30-00	1	28	1
	32-30-01	2	19	1	AN381-2-2	27-10-00	1	40	2
	32-40-02	3	27	2		27-20-00	1	35	1
	55-20-00	1	7	1	AN381-25-10	27-10-00	1	20	1
	55-20-00	1	8	1	AN381-25-8	52-30-00	1	29	1
	55-40-00	1	13	2	AN381-2-6	21-40-00	1	21	1
	55-40-00	1	27	2		21-60-00	1	10	1
	78-00-00	1	7	1		25-10-00	1	13	2
AN380-2-1	27-20-00	1	3	2		25-10-00	1	15	2
	27-20-00	1	6	4		25-10-00	1	38	2
	27-20-01	2	5	2		25-20-01	2	7	2
	27-20-01	2	6	4		25-20-01	2	25	4
	27-20-01	2	17	2		25-20-01	2	35	2
	27-20-01	2	18	4		25-20-02	3	15	REF
	27-50-00	1	15	REF		32-11-00	1	32	2
	27-50-01	2	12	1		32-11-00	1	33	2
AN380-2-10	55-40-00	1	15	1		55-10-00	1	9	2
AN380-2-2	27-10-00	1	33	2	AN381-2-8	55-00-00	1	3	2
	27-20-00	1	38	1		55-20-00	1	12	1
	27-20-00	1	40	1	AN383-27	95-10-00	1	2	2
	27-40-01	2	3	1	AN392-13	25-20-01	2	35	2
	27-40-01	2	6	4		52-10-00	1	16	1
	27-40-01	2	9	4	AN392-17	25-10-00	1	13	2
	27-40-01	2	14	4		25-20-01	2	7	2
	27-40-01	2	18	4		52-10-00	1	39	1
	27-40-01	2	21	2		52-30-00	1	24	1
	32-30-00	1	12	1	AN392-19	27-40-01	2	3	1
	32-30-00	1	56	1		27-40-01	2	14	4
	32-30-01	2	15	1	AN392-21	27-40-01	2	6	4
	32-30-01	2	28	1		27-40-01	2	9	4
	32-30-01	2	33	1	AN392-23	25-10-00	1	15	2
	32-40-01	2	3	2	AN392-25	27-40-01	2	18	4
	32-40-01	2	5	2		32-30-01	2	33	1

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PART NO.	CH-SEC-SUB	FIG	ITEM	TTL	PART NO.	CH-SEC-SUB	FIG	ITEM	TTL
AN392-27	25-10-00	1	38	2	AN4-23A	53-60-00	1	3	1
AN392-63	27-40-03	4	7	1		55-10-00	1	35	2
AN392-7	21-40-00	1	10	1	AN4-24A	27-10-00	1	3	2
AN393-11	27-20-00	1	6	4		32-30-00	1	2	1
	32-40-01	2	5	2		32-30-00	1	3	1
	32-40-02	3	22	2	AN4-25A	27-10-00	1	36	2
	32-40-02	3	24	2	AN4-26A	32-30-00	1	45	2
	52-10-00	1	17	1	AN426AD3	27-00-00	1	6	2
AN393-13	27-20-01	2	5	2	AN426AD-3-3	27-60-00	1	8	52
	32-30-01	2	44	1	AN4-27A	08-00-00	1	16	2
	32-40-02	3	25	2		57-50-01	2	24	1
	52-10-00	1	30	2	AN42B	21-40-00	1	6	2
AN393-17	32-11-00	1	33	1	AN42B-3A	32-11-00	1	9	1
AN393-21	32-40-01	2	3	2		32-11-00	1	13	1
AN393-25	32-40-02	3	9	2		32-11-00	1	37	1
	52-10-00	1	33	1		57-10-00	1	24	1
AN393-27	32-30-00	1	12	1	AN4-31	27-30-00	1	49	1
	32-30-00	1	56	1	AN4-31A	27-40-01	2	23	2
AN393-31	52-10-00	1	36	1	AN4-33A	57-50-01	2	23	1
AN393-33	32-30-01	2	15	1	AN435-MA3	21-40-00	1	10	1
AN393-35	52-30-00	1	16	1	AN4-41A	08-00-00	1	15	1
AN393-37	32-30-01	2	28	1	AN4-41A	27-10-00	1	43	1
AN393-428	53-10-02	3	55	1	AN44-5A	32-11-00	1	18	1
AN393-61	32-40-02	3	30	2	AN4-4A	24-20-00	1	19	4
AN393-63	27-20-00	1	3	2		24-40-00	1	16	2
	27-20-01	2	18	4		53-40-00	1	4	8
AN393-67	27-20-01	2	6	4		53-40-00	1	9	6
AN393-7	52-30-00	1	13	1	AN4-5A	27-30-00	1	25	2
	52-30-00	1	21	1		32-10-00	1	40	4
AN393-9	52-30-00	1	19	1		32-11-00	1	22	1
AN3C13	78-00-00	1	22	3		53-10-02	3	55	1
AN3-C4A	78-00-00	1	24	1	AN4-6A	24-40-00	1	8	1
AN3-C5A	78-00-00	1	12	1		25-00-00	1	41	1
AN3-H14A	32-30-00	1	70	1		25-00-00	1	42	1
AN4-10A	57-10-00	1	3	2		25-20-02	3	28	1
AN4-11	25-10-00	1	40	1		32-10-00	1	5	2
	27-10-00	1	40	2		37-00-00	1	37	4
	27-30-00	1	40	REF		53-10-00	1	17	2
AN4-11A	27-10-00	1	18	2		53-10-00	1	18	1
	53-10-00	1	13	2		53-10-02	3	53	1
AN4-13A	08-00-00	1	3	2		57-10-00	1	3	1
	32-10-00	1	7	2		57-50-01	2	7	2
AN4-14	25-10-00	1	29	2	AN470-4-3.5	24-20-00	1	20	2
AN4-14A	32-10-00	1	8	2	AN470A3-3	30-10-00	1	16	6
AN415-2	25-00-01	2	12	2	AN470A4-4	30-10-00	1	18	18
	25-20-01	2	24A	2		30-10-00	1	18	21
AN415-4	52-30-00	1	13	1	AN470AD-4-4	27-60-00	1	6	100
AN4-15A	27-50-00	1	4	1		27-60-00	1	9	AR
	53-40-00	1	12	10	AN470AD-4-5	27-60-00	1	7	75
	71-00-00	1	38	2		27-60-00	1	10	AR
	71-20-00	1	6	2	AN470AD5-13	55-10-01	2	13	2
AN4-16A	32-30-01	2	2	1		55-30-00	1	32	2
	53-40-00	1	5	2	AN470AD5-19	55-10-01	2	13	2
AN4-17A	25-10-00	1	25	2	AN470AD-5-20	55-30-00	1	32	2
	53-40-00	1	6	2	AN4-7A	32-11-00	1	15	1
AN4-20A	53-10-00	1	19	1		32-11-00	1	17	1
AN4-21	27-20-00	1	40	1		32-30-01	2	18	1
AN4-21A	08-00-00	1	10	2		53-10-03	4	89	2

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AN4-7A	57-10-00	1	3	2	AN515-6R6	53-20-01	2	57	2
AN490HT11P	32-30-00	1	69	1		53-20-01	2	59	4
AN4-H11A	32-30-00	1	70	1		53-20-01	2	61	2
AN503-10-18	30-60-00	1	10	2		57-10-00	1	7	4
AN507-1032R(*)	61-10-00	1	8	AR	AN515-6R7	32-30-01	2	12	AR
AN507-1032R8	52-10-00	1	37	4	AN515-832R-8	27-40-00	1	2	8
AN507-10R-7	57-10-04	5	16	AR	AN515-8R16	53-20-02	3	1	2
AN507-632R3	56-20-01	2	5A	2	AN515-8R18	53-20-02	3	2	2
AN507-632R5	39-10-01	2	9	1	AN515-8R24	52-30-00	1	8	2
AN507-632R7	53-10-00	1	47	1	AN515-8R4	33-40-01	2	7	2
AN507-6R18	25-20-01	2	37	4	AN515-8R7	52-30-00	1	37	2
AN507-6R6	52-10-00	1	59	2		76-00-00	1	33	1
	95-30-02	3	2	1	AN515-8R8	32-30-01	2	43	1
AN507-6R7	52-10-00	1	48	2	AN515B632R8	27-00-00	1	7	1
	52-30-00	1	31	2	AN515B8R16	53-10-04	5	14	9
	57-30-00	1	45	2		53-10-04	5	16	1
AN507-6R8	28-10-00	1	2	6		53-10-04	5	18	3
	57-30-01	2	4	REF	AN515B8R24	53-10-04	5	13	2
AN507-832R6	53-10-00	1	52	2	AN515B8R6	53-10-04	5	15	1
	53-10-00	1	52	2		53-10-04	5	17	6
	53-10-00	1	53	12	AN515B8R8	39-10-01	2	19	1
AN507-832R8	52-10-00	1	52	2	AN5-16A	32-20-00	1	15	1
AN507-8R6	52-30-00	1	33	4	AN520C6R4	34-10-00	1	2	4
AN507-8R7	25-00-00	1	23	4	AN5-23A	30-60-00	1	9	2
AN507-B440R4	27-00-00	1	9	1	AN525-832-R6	27-60-00	1	3	46
AN507C1032R-7	57-30-00	1	9	22	AN525-832R8	53-10-00	1	56	2
	57-30-00	1	9	26		53-20-01	2	53	16
	57-30-00	1	10	22	AN525-8R8	53-10-03	4	35	8
	57-30-00	1	13	22		95-30-02	3	3	1
	57-30-00	1	14	22	AN526-1032R10	30-10-00	1	16	4
	57-30-00	1	15	64		52-10-00	1	15	4
	57-30-00	1	17	64	AN526-1032R12	56-20-01	2	7	1
AN-509-10R6	57-30-00	1	12	16	AN526-1032R14	52-10-00	1	14	1
AN509-8R6	57-30-00	1	16	6	AN526-1032R6	34-10-00	1	15	2
	57-30-00	1	25	8		52-10-00	1	9	1
	57-30-00	1	26	8		53-10-03	4	99	2
	57-30-00	1	27	8	AN526-1032R7	21-40-00	1	20	1
	57-30-00	1	30	8		27-50-00	1	16	REF
	57-30-00	1	36	8		27-50-01	2	2	1
	57-30-00	1	41	6	AN526-1032R8	32-21-00	1	9	1
	57-30-00	1	46	6		53-30-00	1	6	4
AN509-8R8	52-10-00	1	51	8		53-30-00	1	7	7
	56-20-00	1	9	6		53-50-00	1	7	30
AN5-11A	57-10-02	3	49	1	AN526-1032R9	27-20-01	2	14	2
AN515-440-20	27-50-00	1	25	2	AN526-10R9	53-10-04	5	20	1
AN515-440R-24	27-60-00	1	17	2	AN526-632R4	56-20-01	2	5	2
AN515-440R6	27-50-00	1	25	4	AN526-632R6	27-50-00	1	26	2
AN515-4R7	39-10-00	1	33	4		33-40-04	5	11	5
	39-10-00	1	37	4	AN526-632R8	52-10-00	1	45	2
	39-10-00	1	37	4	AN526-6R8	53-20-01	2	15	4
	53-10-00	1	59	2	AN526-832R10	53-20-02	3	10	2
AN515-6R10	57-30-00	1	11	4	AN526-832R5	32-40-00	1	27	6
AN515-6R4	32-30-01	2	12	4	AN526-832R6	56-20-00	1	9	4
AN515-6R5	32-30-01	2	12	AR	AN526-832R7	27-00-00	1	9	4
AN515-6R6	32-30-00	1	29	2		53-10-03	4	12	10
	32-30-01	2	12	AR	AN526-832R8	52-10-00	1	28	1
	52-10-00	1	25	3	AN526-8R-7	55-10-00	1	41	10
	53-20-01	2	56	4	AN526-C10-R8	30-10-00	1	13	4

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AN526C-632R-5	24-20-00	1	3	2	AN742-3	32-30-01	2	36	1
AN530-10R10	57-10-01	2	50	1		32-30-01	2	38	1
AN530-4R4	25-20-00	1	7	9		32-30-01	2	40	2
	57-10-00	1	49	4		32-40-01	2	47	1
AN530-4R6	25-00-00	1	33	2		76-00-00	1	31	1
	25-00-00	1	44	2	AN742-5	52-10-00	1	13	5
	25-00-00	1	44	2		53-10-04	5	20	1
	25-20-00	1	9	40	AN743-12	25-20-01	2	2	2
	56-20-01	2	8	3		32-40-02	3	37	1
	56-20-01	2	11	3		35-00-00	1	3	1
	56-20-01	2	15	3	AN7502-20	32-20-00	1	21	1
AN530-4RG	27-10-00	1	52	2	AN7H-17A	53-40-00	1	7	2
AN530-6R6	25-20-00	1	6	12	AN815-10D	21-50-00	1	75	1
	57-50-01	2	25	4	AN815-4D	28-20-00	1	25	1
AN530-6R8	25-00-00	1	38	7		28-20-00	1	28	3
	25-00-00	1	1	7		32-40-01	2	77	2
AN530-8R6	21-40-00	1	6	8	AN815-6D	21-50-00	1	82	1
	21-40-00	1	10	8	AN815-8D	21-50-00	1	87	1
	25-00-00	1	12	4	AN816-3D	28-20-00	1	3	1
	25-00-00	1	25	2		32-40-01	2	85	REF
AN530-8R8	53-30-00	1	6	2	AN816-4-4	28-20-00	1	45	2
AN531-4R4	25-00-00	1	3	2	AN816-4-4D	57-10-00	1	57	1
	35-00-00	1	48	2	AN816-4D	28-20-00	1	34	2
AN531-4R6	25-00-00	1	30	4	AN818-3D	32-40-02	3	1	2
	25-00-00	1	35	2		32-40-02	3	2	2
AN531-6R10	21-40-00	1	15	4		32-40-02	3	12	2
AN531-6R6	25-10-01	2	5	2		32-40-02	3	13	2
AN5-36A	32-40-00	1	8	3	AN818-4D	34-10-00	1	4	1
AN5546-1	39-10-00	1	28	1		71-00-00	1	11	1
AN565A4H2	27-50-00	1	3	1		71-00-00	1	13	2
	27-40-00	1	39	REF		71-00-00	1	21	2
AN565-C832H5	21-60-00	1	17	1		71-00-00	1	22	2
AN565-D416-H4	27-10-00	1	4	2	AN818-6D	57-10-01	2	48	1
AN565D4H2	27-40-00	1	18	2	AN819-3D	32-40-02	3	1	2
AN5H-14A	32-10-00	1	18	1		32-40-02	3	2	2
AN5H-15	27-40-01	2	37	1		32-40-02	3	12	2
	55-00-00	1	7	1		32-40-02	3	13	2
AN5H-32	55-00-00	1	5	1	AN819-4D	34-10-00	1	4	1
AN6-14A	32-20-00	1	7	1	AN822-2D	37-00-00	1	20	1
	32-30-00	1	40	1	AN822-3D	32-40-02	3	6	2
AN6-15A	32-20-00	1	8	1		32-40-02	3	10	2
AN6-17A	53-40-00	1	3	2	AN824-4D	71-00-00	1	12	1
AN6-23A	32-10-00	1	29	2		71-00-00	1	23	1
AN6270-4D-0200	71-00-00	1	24	1	AN825-3D	32-40-01	2	26	1
AN6-33A	32-20-00	1	2	2	AN832-10D	21-50-00	1	71	1
AN6-42A	32-20-00	1	3	2	AN832-3D	32-40-01	2	62	2
	71-20-00	1	7	2		32-40-01	2	68	2
AN665-21R	52-10-00	1	12	2		32-40-02	3	4	4
AN7-22A	32-20-00	1	13	2	AN832-6D	21-50-00	1	65	1
AN735-5	52-10-00	1	13	5	AN833-4D	71-00-00	1	15	1
AN735D40	28-20-00	1	2	2	AN840-10D	37-00-00	1	33	1
AN737TW24	28-20-00	1	39	2	AN842-6D	37-00-00	1	19	1
AN737TW-91	71-00-03	1	3	1	AN842-8D	37-00-00	1	43	1
AN742-11	71-00-00	1	20	1	AN844-6D	37-00-00	1	18	4
	78-00-00	1	16	REF	AN-900	95-40-00	1	1	1
AN742-3	32-30-00	1	31	1	AN911-10	35-00-00	1	42	2
	32-30-01	2	34	1	AN912-1D	71-00-00	1	28	1

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AN919-15D	21-50-00	1	77	1	AN938-10D	21-50-00	1	70	1
AN919-6D	21-50-00	1	84	1		21-50-00	1	76	1
AN924-10	21-50-00	1	5	2	AN938-6D	21-50-00	1	61	1
AN924-10D	21-50-00	1	72	1		21-50-00	1	83	1
AN924-3D	32-40-01	2	62	2	AN939A6	32-30-01	2	12	4
	32-40-01	2	68	2	AN945-4P	25-00-00	1	41	1
	32-40-02	3	4	4		25-00-00	1	42	1
AN924-4	28-20-00	1	21	1	AN960	32-40-01	2	50	1
	28-20-00	1	23	1	AN960-06	71-60-00	1	37	1
AN924-4D	71-00-00	1	16	1	AN960-10	21-40-00	1	1	20
AN924-6	28-20-00	1	15	1		21-40-00	1	6	2
	28-20-00	1	17	1		21-50-00	1	4	8
	71-00-00	1	31	1		21-50-00	1	25	8
AN924-6D	21-50-00	1	66	1		21-50-00	1	46	2
AN924-8	21-50-00	1	7	1		21-50-00	1	49	2
AN924-8D	28-20-00	1	29	1		24-20-00	1	6	1
AN9-25A	32-10-00	1	24	1		25-10-00	1	2	2
AN931	95-40-00	1	-	1		25-10-00	1	4	2
AN931-3-5	57-22-00	1	2	1		25-10-00	1	8	4
	57-22-00	1	21	1		25-10-00	1	19	4
AN931-4-7	32-40-01	2	87	1		25-10-00	1	22	4
AN931-4-7	32-40-01	2	89	1		25-10-00	1	28	2
	55-40-00	1	24	1		25-10-00	1	33	4
AN931-4-9	27-60-00	1	12	10		25-10-00	1	41	4
AN931-5-9	25-00-00	1	44	1		25-10-00	1	48	AR
AN931-6-10	27-50-00	1	6	2		25-10-00	1	53	AR
	34-10-00	1	21	1		25-10-01	2	1	2
AN931-8-13	39-40-01	1	19	1		25-20-01	2	29	2
	21-60-00	1	30	REF		25-20-01	2	32	10
AN932-D2	53-10-03	4	1	1		25-20-01	2	34	6
	55-30-00	1	12	5		27-10-00	1	12	2
AN935-10	27-40-01	2	32	1		27-10-00	1	13	2
	27-40-01	2	32	1		27-10-00	1	21	2
AN935-6	25-00-00	1	41	2		27-10-00	1	23	4
AN935-6L	34-10-00	1	2	4		27-10-00	1	25	1
AN935-8	21-40-00	1	28	3		27-10-00	1	26	1
AN936A10	53-10-00	1	51	2		27-10-00	1	28	4
	76-00-00	1	10	4		27-10-00	1	33	4
AN936-A1216	28-20-00	1	10	2		27-10-00	1	34	2
	34-10-00	1	15	2		27-10-00	1	39	2
AN936-A2	39-10-01	2	19	1		27-10-00	1	45	1
	76-00-00	1	2	1		27-10-00	1	48	1
AN936-A4	34-10-00	1	45	5		27-10-00	1	51	2
	25-00-00	1	12	4		27-10-00	1	58	2
AN936-A6	39-10-00	1	33	4		27-10-00	1	63	1
	39-10-00	1	37	4		27-20-00	1	3	2
AN936-A716	39-10-00	1	37	4		27-20-00	1	6	4
	39-40-01	1	8	2		27-20-00	1	8	4
AN936-A8	39-40-01	1	9	2		27-20-00	1	9	4
	76-00-00	1	3	1		27-20-00	1	15	2
AN936-A8	32-10-00	1	32	3		27-20-00	1	20	2
	32-40-00	1	12	REF		27-20-00	1	26	8
AN936-A8	32-40-00	1	27	6		27-20-00	1	28	1
	39-40-01	1	16	2		27-20-00	1	33	1
AN936-A8	52-10-00	1	28	1		27-20-00	1	38	1
	52-30-00	1	8	2		27-20-00	1	47	2
AN936-A8	53-10-04	5	15	1		27-20-00	1	50	6
	53-10-04	5	17	6		27-20-00	1	57	4

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PART NO.	CH-SEC-SUB	FIG	ITEM	TTL	PART NO.	CH-SEC-SUB	FIG	ITEM	TTL
AN960-10	27-20-00	1	59	2	AN960-10	32-30-01	2	50	4
	27-20-00	1	62	2		32-30-01	2	53	8
	27-20-01	2	5	4		32-40-01	2	29	1
	27-20-01	2	6	8		32-40-01	2	40	1
	27-20-01	2	14	2		32-40-01	2	41	1
	27-20-01	2	15	2		32-40-01	2	59	1
	27-20-01	2	16	2		32-40-01	2	67	1
	27-20-01	2	17	4		32-40-01	2	73	4
	27-20-01	2	18	8		32-40-01	2	75	2
	27-30-00	1	5	2		32-40-01	2	79	2
	27-30-00	1	10	2		32-40-01	2	83	2
	27-30-00	1	15	2		32-40-02	3	27	2
	27-30-00	1	20	1		34-10-00	1	27	1
	27-30-00	1	23	2		35-00-00	1	9	8
	27-30-00	1	37	3		35-00-00	1	27	4
	27-30-00	1	41	4		35-00-00	1	56	2
	27-30-00	1	47	2		37-00-00	1	8	1
	27-30-00	1	51	3		37-00-00	1	12	4
	27-40-03	4	11	8		37-00-00	1	24	1
	27-50-00	1	20	2		37-00-00	1	25	2
	28-20-00	1	24A	2		52-10-00	1	4	2
	28-20-00	1	25A	2		52-10-00	1	6	1
	28-20-00	1	26	2		52-10-00	1	7	1
	28-20-00	1	32	2		52-10-00	1	14	1
	28-20-00	1	37	2		52-10-00	1	15	4
	28-20-00	1	40	4		52-10-00	1	33	1
	28-20-00	1	47	4		52-10-00	1	36	1
	30-10-00	1	13	1		52-30-00	1	19	2
	30-10-00	1	20	1		52-30-00	1	21	2
	30-60-00	1	10	2		52-30-00	1	26	2
	32-11-00	1	9	2		52-30-00	1	28	2
	32-11-00	1	11	1		53-10-03	4	1	1
	32-11-00	1	12	1		53-10-03	4	34	4
	32-11-00	1	13	1		53-10-03	4	36	4
	32-11-00	1	21	AR		53-10-03	4	68	2
	32-11-00	1	24	1		53-10-03	4	86A	2
	32-11-00	1	32	2		53-10-04	5	2	3
	32-11-00	1	33	2		53-20-01	2	3	6
	32-11-00	1	37	2		53-20-01	2	6	4
	32-11-00	1	39	2		53-20-01	2	8	12
	32-11-00	1	41	2		53-20-01	2	19	AR
	32-21-00	1	9	1		53-20-01	2	22	8
	32-21-00	1	12	2		53-20-01	2	28	4
	32-30-00	1	12	1		53-20-01	2	30	4
	32-30-00	1	17	6		53-20-01	2	51	2
	32-30-00	1	19	2		53-30-00	1	6	2
	32-30-00	1	20	6		53-40-00	1	11	16
	32-30-00	1	25	4		55-40-00	1	13	2
	32-30-00	1	26	4		55-40-00	1	18	2
	32-30-00	1	28	2		55-40-00	1	27	2
	32-30-00	1	35	8		56-20-01	2	7	1
	32-30-00	1	48	4		57-10-00	1	24	2
	32-30-00	1	50	10		57-10-00	1	33	2
	32-30-00	1	56	1		57-10-01	2	50	1
	32-30-00	1	62	2		57-50-00	1	2	12
	32-30-00	1	70	1		61-10-00	1	8	AR
	32-30-01	2	8	2		71-00-00	1	10	1
	32-30-01	2	47	1		71-00-00	1	14	1

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PART NO.	CH-SEC-SUB	FIG	ITEM	TTL	PART NO.	CH-SEC-SUB	FIG	ITEM	TTL
AN960-10	71-00-00	1	20	1	AN960-10L	27-40-00	1	27	4
	71-00-00	1	25	1		27-40-03	4	9	4
	71-00-00	1	41	2		27-50-00	1	9	3
	71-00-00	1	43	1		27-50-00	1	11	9
	71-00-01	2	9	3		27-50-00	1	19	2
	71-00-01	2	17	8		28-20-00	1	33	1
	71-00-01	2	17	4		28-20-00	1	38	1
	71-00-01	2	20	2		32-11-00	1	19	2
	71-00-01	2	22	8		32-11-00	1	31	1
	71-00-01	2	22	4		32-11-00	1	41	2
	71-60-00	1	36	1		32-11-00	1	41	2
	76-00-00	1	4	2		32-20-00	1	27	2
	76-00-00	1	7	2		32-30-00	1	42	1
	76-00-00	1	17	2		32-30-00	1	71	1
	76-00-00	1	20	2		32-30-01	2	7	4
	76-00-00	1	24	2		32-30-01	2	15	1
	76-00-00	1	29	2		32-30-01	2	19	1
	76-00-00	1	31	2		32-30-01	2	28	1
	78-00-00	1	15	1		32-30-01	2	36	1
	78-00-00	1	16	REF		32-30-01	2	38	1
	78-00-00	1	18	2		32-30-01	2	40	2
	78-00-00	1	27	20		32-40-01	2	3	2
AN960-10L	21-40-00	1	2	1		32-40-01	2	5	2
	21-40-00	1	2	1		32-40-01	2	46	1
	21-50-00	1	3	1		32-40-01	2	48	1
	21-50-00	1	19	2		32-40-01	2	52	1
	21-50-00	1	26	4		32-40-01	2	54	1
	21-50-00	1	32	8		32-40-01	2	71	2
	21-50-00	1	90	5		32-40-01	2	95	2
	21-50-00	1	99	14		32-40-02	3	9	2
	21-50-00	1	100	8		32-40-02	3	17	2
	24-40-00	1	4	2		32-40-02	3	18	2
	25-10-00	1	53	AR		32-40-02	3	20	1
	25-20-01	2	25	8		32-40-02	3	22	2
	25-20-01	2	27	12		32-40-02	3	24	2
	25-20-01	2	28	1		32-40-02	3	25	2
	25-20-02	3	14	8		32-40-02	3	30	2
	25-20-02	3	15	REF		32-40-02	3	36	1
	25-20-02	3	24	1		32-40-02	3	37	1
	27-10-00	1	34	6		32-40-02	3	38	1
	27-10-00	1	39	6		34-10-00	1	17	5
	27-20-00	1	13	1		34-10-00	1	18	2
	27-20-00	1	18	1		34-10-00	1	40	2
	27-20-00	1	31	1		35-00-00	1	56	1
	27-20-00	1	35	1		37-00-00	1	25	REF
	27-20-00	1	48	2		37-00-00	1	39	4
	27-20-00	1	53	10		37-00-00	1	47	2
	27-20-00	1	67	2		37-00-00	1	53	2
	27-20-01	2	14	2		39-40-00	1	3	1
	27-30-00	1	3	2		39-40-00	1	4	3
	27-30-00	1	8	4		52-10-00	1	6	2
	27-30-00	1	13	4		52-10-00	1	14	2
	27-30-00	1	18	2		52-10-00	1	15	4
	27-30-00	1	24	2		52-10-00	1	17	1
	27-30-00	1	28	6		52-10-00	1	30	2
	27-30-00	1	32	2		52-10-00	1	33	2
	27-30-00	1	47	2		52-10-00	1	46	2
	27-30-00	1	52	2		52-30-00	1	14	2

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PART NO.	CH-SEC-SUB	FIG	ITEM	TTL	PART NO.	CH-SEC-SUB	FIG	ITEM	TTL
AN960-10L	52-30-00	1	16	1	AN960-4	25-10-00	1	13	2
	52-30-00	1	29	1		25-10-00	1	15	4
	53-10-00	1	13	3		25-10-00	1	38	6
	53-10-00	1	13	1		25-20-01	2	7	4
	53-10-02	3	13	4		25-20-01	2	35	4
	53-10-04	5	10	2		27-40-01	2	3	1
	53-10-04	5	11	2		27-40-03	4	7	1
	53-10-04	5	20	AR		27-40-03	4	18	4
	53-20-02	3	15	2		27-50-00	1	25	4
	53-60-00	1	6	4		27-60-00	1	19	4
	55-00-00	1	14	6		39-40-01	1	6	4
	55-00-00	1	14	2		39-40-01	1	14	2
	55-00-00	1	15	4		39-40-01	1	15	1
	55-00-00	1	17	16		52-10-00	1	16	1
	55-00-00	1	19	6		52-10-00	1	39	1
	55-10-00	1	31	2		52-30-00	1	13	2
	55-10-00	1	32	2		71-60-00	1	9	5
	55-10-01	2	22	4	AN960-416	24-40-00	1	8	1
	55-20-00	1	7	1		24-40-00	1	16	2
	55-20-00	1	12	1		25-10-00	1	6	4
	55-40-00	1	15	1		25-10-00	1	7	2
	56-20-01	2	5	2		25-10-00	1	25	2
	56-20-01	2	7	2		25-10-00	1	29	4
	57-10-00	1	36	4		25-10-00	1	40	2
	57-10-00	1	37	4		25-10-01	2	-	1
	57-10-00	1	54	4		27-10-00	1	3	2
	57-10-01	2	35	8		27-10-00	1	18	2
	57-10-01	2	36	8		27-10-00	1	36	2
	57-10-01	2	37	8		27-10-00	1	43	4
	57-10-04	5	16	AR		27-20-00	1	40	2
	57-10-04	5	27	24		27-30-00	1	25	2
	57-50-00	1	2	8		27-30-00	1	49	1
	71-00-01	2	2	2		27-40-01	2	23	4
	71-00-01	2	3	4		27-40-02	3	6	2
	71-00-01	2	5	1		27-50-00	1	4	1
	71-00-01	2	7	2		27-50-00	1	15	REF
	71-00-01	2	10	4		27-50-00	1	16	REF
	71-00-01	2	11	4		27-50-01	2	4	3
	71-00-01	2	14	6		27-50-01	2	13	2
	71-00-01	2	15	2		32-10-00	1	5	2
	71-00-01	2	18	2		32-10-00	1	7	2
	71-00-01	2	21	1		32-10-00	1	8	2
	71-00-01	2	27	4		32-10-00	1	40	4
	71-00-01	2	28	5		32-11-00	1	15	1
	71-00-02	3	7	REF		32-11-00	1	17	1
	71-00-03	1	10	2		32-11-00	1	22	AR
	71-00-03	1	14	2		32-30-00	1	2	2
	71-00-03	1	16	1		32-30-00	1	3	2
	71-60-00	1	19	2		32-30-00	1	70	1
	71-60-00	1	27	4		32-30-01	2	2	2
	71-60-00	1	29	4		37-00-00	1	37	4
	71-60-00	1	36	1		53-10-00	1	18	1
	78-00-00	1	6	2		53-10-00	1	19	1
	78-00-00	1	7	1		53-10-02	3	53	1
AN960-1216	21-50-00	1	8	1		53-10-03	4	89	2
AN960-1416	21-50-00	1	6	1		53-40-00	1	4	8
AN960-3	35-00-00	1	24	2		53-40-00	1	5	2
AN960-4	21-40-00	1	24	2		53-40-00	1	6	2

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PART NO.	CH-SEC-SUB	FIG	ITEM	TTL	PART NO.	CH-SEC-SUB	FIG	ITEM	TTL
AN960-416	53-40-00	1	9	6	AN960-516	71-00-00	1	37	4
	53-40-00	1	12	10		71-20-00	1	9	4
	53-60-00	1	3	4	AN960-516L	27-10-00	1	36	4
	55-00-00	1	2	6		27-40-00	1	32	1
	55-10-00	1	35	2		30-60-00	1	9	4
	57-10-00	1	3	4	AN960-6	21-40-00	1	18	4
	57-10-00	1	3	4		25-00-01	2	12	12
	57-50-01	2	7	2		25-20-01	2	37	4
	57-50-01	2	18	2		26-20-00	1	5	4
	57-50-01	2	23	1		39-40-01	1	2	4
	71-00-00	1	38	4		39-40-01	1	8	2
	71-00-00	1	39	4		39-40-01	1	9	2
	71-20-00	1	6	2		39-40-01	1	23	4
	71-20-00	1	8	4		52-10-00	1	43	2
	76-00-00	1	33	1		52-10-00	1	59	2
AN960-416L	21-40-00	1	10	1		52-30-00	1	31	2
	24-20-00	1	19	4		52-30-00	1	39	2
	25-20-02	3	28	1		53-10-00	1	47	1
	25-20-02	3	31	4		53-10-04	5	6	3
	27-10-00	1	36	2		53-20-01	2	15	8
	27-10-00	1	40	4		95-30-02	3	2	1
	27-30-00	1	40	REF	AN960-616	27-40-01	2	35	1
	32-10-00	1	52	2		30-10-00	1	21	1
	32-30-00	1	3	AR	AN960-616	32-10-00	1	29	4
	32-30-00	1	45	4		32-20-00	1	2	4
	32-30-01	2	18	1		32-20-00	1	3	2
	35-00-00	1	3A	1		32-30-00	1	40	5
	53-10-00	1	13	2		53-40-00	1	3	2
	53-10-02	3	55	1		71-20-00	1	7	2
	53-40-00	1	5	2	AN960-616L	27-40-00	1	11	2
	53-40-00	1	6	2		27-40-00	1	20	2
	53-40-00	1	12	10		32-20-00	1	7	1
	57-10-00	1	3	2		71-00-01	2	12	1
	57-10-02	3	48	1	AN960-6L	25-20-00	1	6	12
	57-50-01	2	11	1		27-50-00	1	26	2
AN960-4L	21-40-00	1	21	1		30-10-00	1	18	3
	21-50-00	1	34	26		32-30-00	1	31	2
	21-60-00	1	6	8		32-30-01	2	34	1
	21-60-00	1	10	2		33-40-04	5-	11	5
	25-00-00	1	44	4		39-10-01	2	9	1
	25-20-00	1	7	9		53-10-03	4	1	10
	27-40-01	2	6	4		53-20-01	2	56	8
	27-40-01	2	9	4		53-20-01	2	57	2
	27-40-01	2	14	4		53-20-01	2	59	8
	27-40-01	2	18	4		53-20-01	2	61	4
	32-30-01	2	33	1		57-10-00	1	7	4
	39-10-01	2	7A	3		71-00-01	2	1	4
	39-10-01	2	8A	3	AN960-716	28-20-00	1	21	1
	53-10-00	1	59	2		28-20-00	1	23	2
	53-10-03	4	1	3		32-10-00	1	14	AR
	71-60-00	1	38	2		32-20-00	1	10	3
AN960-516	27-40-01	2	37	2		32-20-00	1	13	2
	32-10-00	1	26	1	AN960-716L	21-60-00	1	16	1
	32-20-00	1	15	2		32-30-00	1	40	1
	32-40-00	1	8	9		52-10-00	1	22	AR
	52-10-00	1	21	1		52-10-00	1	26	1
	55-00-00	1	5	2		53-40-00	1	7	2
	55-00-00	1	7	2	AN960-8	21-40-00	1	7	1

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PART NO.	CH-SEC-SUB	FIG	ITEM	TTL	PART NO.	CH-SEC-SUB	FIG	ITEM	TTL
AN960-8	21-60-00	1	24	2	AN970-3	78-00-00	1	10	2
	27-10-00	1	9	4	AN970-4	08-00-00	1	3	4
	27-40-00	1	26	4		08-00-00	1	9	2
	32-30-01	2	23	6		08-00-00	1	10	4
	32-30-01	2	29	4		08-00-00	1	15	2
	35-00-00	1	17	6		08-00-00	1	16	4
	35-00-00	1	63	9		25-10-00	1	7	2
	39-40-01	1	20	1		27-30-00	1	49	AR
	52-30-00	1	24	2		53-10-03	4	72	4
	52-30-00	1	37	2		57-50-01	2	23	1
	53-10-00	1	56	2		57-50-01	2	24	2
	53-10-00	1	57	2	AN970-7	21-60-00	1	18	1
	53-10-02	3	14	1	AN993-C41	32-30-00	1	70	AR
	53-20-01	2	10	4	AN995C32	32-30-00	1	36	AR
	53-20-01	2	35	3		53-40-00	1	7	AR
	53-20-01	2	53	16	AN995-F51	27-40-01	2	37	AR
	55-10-00	1	17	3		55-00-00	1	5	1
	56-20-00	1	9	10		55-00-00	1	7	1
	95-30-02	3	3	1	ANF381-2-6	53-10-03	4	96	4
AN960-816	32-20-00	1	8	6	ARE-3-20	32-30-00	1	6	1
	32-30-00	1	59	5		32-30-00	1	23	1
AN960-8L	21-50-00	1	28	2	ARGUS500	39-10-00	1	22	1
	27-00-00	1	12	1	AVIONICS	39-10-00	1	49	AR
	28-20-00	1	25A	1		39-10-02	1	28	1
	32-40-02	3	19	4	B0437-016	27-10-00	1	12	4
	33-40-03	4	8	2		27-10-00	1	13	4
	52-30-00	1	33	4	B09490-A005	39-10-00	1	33	4
	53-10-00	1	51	2		39-10-00	1	37	4
	53-10-03	4	35	8		39-10-00	1	37	4
	53-20-02	3	1	2	B-1	23-60-00	1	3	1
	53-20-02	3	2	2	B-200-3	35-00-00	1	30	1
	71-00-01	2	6	2	B200-7-2	35-00-00	1	14	1
	71-00-01	2	13	2	B-200-8-2	35-00-00	1	51	1
AN960-916	28-20-00	1	15	1	B3-1-2	37-00-00	1	2	1
	28-20-00	1	17	1		37-00-00	1	29	1
	71-00-00	1	30	1	B-3410-32	61-10-00	1	7	AR
AN960-916L	71-00-00	1	16	1	B3-5-1	37-00-00	1	15	1
	71-00-00	1	31	1	B-40024-2	30-60-00	1	10	2
AN960C10	78-00-00	1	22	6	B-40030-3	30-60-00	1	9	4
	78-00-00	1	24	1	B400-7-2	32-40-01	2	34	1
	78-00-00	1	12	2	B-40251	30-60-00	1	2	3
AN960C6	30-60-00	1	3	6	B-45018	30-60-00	1	-	1
AN960D416	34-10-00	1	28	2	B-47	27-10-00	1	15	4
AN960-PD10L	30-60-00	1	10	8		27-20-00	1	4	2
AN960-PD516L	30-60-00	1	9	AR		27-20-00	1	7	2
AN960PD616	32-40-01	2	68	4		27-20-00	1	25	4
	32-40-02	3	4	4		27-20-00	1	58	2
AN963-B10	57-10-00	1	24	2		27-30-00	1	4	2
AN969-10	27-40-01	2	26	1		27-30-00	1	9	2
AN970-3	28-20-00	1	10	2		27-30-00	1	27	2
	53-20-01	2	3	3		32-11-00	1	30	1
	53-20-01	2	6	2		32-11-00	1	37	2
	53-20-01	2	8	4		55-00-00	1	19	2
	57-10-00	1	24	1	B5147F012	24-20-00	1	21	2
	61-10-00	1	2	16	B51547F019	39-40-01	1	15	1
	78-00-00	1	6	1	B52600F001	24-20-00	1	21	4
	78-00-00	1	7	2	B68	32-30-00	1	1	4
	78-00-00	1	9	1	BA189-139	39-10-01	2	20	1

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PART NO.	CH-SEC-SUB	FIG	ITEM	TTL	PART NO.	CH-SEC-SUB	FIG	ITEM	TTL
BA189-139	52-10-00	1	57	11ft	DA15P	95-30-01	2	2	1
BC203-2	24-20-00	1	-	REF	DA15S	95-30-01	2	1	1
BERKSHIRE 850	39-10-01	2	17	AR	DA51210	95-30-01	2	3	2
BJ1000AH-3D0	71-00-00	1	44	1	DB25P	95-30-01	2	2	1
BLK COWHIDE	27-00-00	1	2	AR	DB25S	95-30-01	2	1	1
C-11	53-20-02	3	21	1	DB51212	95-30-01	2	3	2
C-12B	53-20-02	3	19	1	DD-1W	23-60-00	1	2	1
C145-250F	32-30-01	2	64	REF	DEA900020/FEMALE	39-10-01	2	19	1
C1777-62	21-50-00	1	96	3	DEA900020/MALE	39-10-01	2	19	1
C-2200-L4	39-10-01	2	19	1	DEF403	25-00-00	1	27	AR
C-40257	30-60-00	1	10	1		25-00-00	1	30	AR
C-40298	30-60-00	1	8	1		25-00-00	1	40	AR
C46001	57-30-00	1	45	1		25-00-00	1	44	AR
C5-A	78-00-00	1	-	AR	DT-2R-A7	32-30-00	1	30	1
C6014-6Z	25-20-01	2	21	8	E0360-055-2250	25-10-00	1	20	2
	25-20-02	3	18	REF	E51-50B	21-40-00	1	24	1
C-6202	61-10-00	1	5	AR		71-60-00	1	38	1
C-6202-1	61-10-00	1	5	AR	E-52331	39-40-00	1	5	AR
C-6359	61-10-00	1	6	1	EA934	71-10-00	1	13	AR
C88	25-20-02	3	10	4	EASTMAN 910	56-20-01	2	2	AR
C-98307-1	30-10-00	1	13	1	EC1300L	30-10-00	1	17	AR
CC3125	25-20-02	3	2	AR	EK0305	30-10-00	1	13	1
	25-20-02	3	4	AR	EK0315	30-10-00	1	13	4
CH48109	71-00-00	1	-	1	ELT110-4	24-20-00	1	-	1
CKL-P4B	55-00-00	1	18	AR	EO360-055-1000M	25-20-01	2	5	2
CKL-P4D	55-00-00	1	18	AR	EQ6580	21-50-00	1	1	1
CR3212-4-2	33-40-01	2	14	2	EQUIV. P.K	27-10-00	1	52	AR
CR3212-4-4	25-10-01	2	6	7	F31-14MPB	27-10-00	1	30	2
CR3213-4-2	33-40-01	2	14	2		27-20-00	1	52	2
CR3213-4-3	52-30-00	1	13	1		27-20-00	1	55	2
CR3213-5-3	26-20-00	1	8	3		27-20-00	1	56	2
CR3213-5-4	26-20-00	1	8	2		27-30-00	1	2	1
CR3213-6-4	30-10-00	1	21	1		27-30-00	1	7	2
CR3243-4-2	27-60-00	1	2	6		27-30-00	1	12	2
CS002-3	78-00-00	1	20	1		27-30-00	1	17	2
	78-00-00	1	25	1		32-30-00	1	24	1
CS002-9	78-00-00	1	25	1		32-30-00	1	47	2
CS200-3	78-00-00	1	21	1		32-30-00	1	54	1
CT408	30-10-00	1	44	1	F34-14	27-20-00	1	34	1
CU-3001A	95-30-02	3	1	1	F34-14MPB	27-20-00	1	27	1
D145-00-36-1	27-50-00	1	2	1		27-20-00	1	30	1
D222	32-30-01	2	43	1		27-50-00	1	18	1
D227-1	27-40-02	3	5	1	F34-14N	32-21-00	1	11	2
	76-00-00	1	32	1		32-21-00	1	15	2
D-227-1	21-40-00	1	23	1	F35-14M	32-30-00	1	69	1
D-40238	30-60-00	1	7	1	F-391-53S	28-20-00	1	43	2
D4615T	30-10-00	1	11	4	F-391-53SMP	28-20-00	1	43	2
D53018	39-10-00	1	37	2	F-4040A	71-00-00	1	18	1
D-6201	61-10-00	1	3	1	F44-14MPB	27-10-00	1	38	2
D-7192-1	61-10-00	1	1	1	F6000-06	39-10-00	1	28	3
D-7192-2	61-10-00	1	1	1	F903	30-10-00	1	40	1
D-7194	61-10-00	1	2	1	FF-512-3	27-30-00	1	48	REF
D-7579-1	61-10-00	1	1	1	FH8C10DL01BK	39-10-00	1	39	4
D-7579-2	61-10-00	1	1	1	FH8C5DL01BK	25-00-00	1	47	2
D-7581-1	61-10-00	1	3	1	FLX770124001200	71-60-00	1	21	1
D-7581-2	61-10-00	1	3	1	FORM X30565	95-10-00	1	-	1
D-7582	61-10-00	1	2	1	FS3KDD	27-40-00	1	10	2
DA15P	39-10-00	1	37	1	FV149	30-10-00	1	26	1

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FV158A-28V	30-10-00	1	30	1	J9612-43	71-20-01	2	26	1
FV158F-28V	30-10-00	1	31	1	J9612-44	71-20-01	2	7	1
G243	24-20-00	1	1	2	J9613-75	71-20-01	2	25	1
	24-40-00	1	20	REF	J9613-76	71-20-01	2	6	1
	53-10-03	4	78	REF		71-20-01	2	15	1
G51AH	53-30-00	1	10	1	J9614-44	71-20-01	2	18	1
G-51HA	32-40-01	2	91	1	JE-17	76-00-00	1	13	1
	35-00-00	1	28	1	JKL-MA01A02	24-40-00	1	7	1
G-51H-P	35-00-00	1	32	1		24-40-00	1	9	1
G-82NRC-9	61-10-00	1	9	3		24-40-00	1	19	1
GSE 030031-501	95-30-01	2	-	1	JKL-MA04A18	24-40-00	1	11	1
GSE 030031-503	95-30-01	2	-	1		24-40-00	1	5	1
H-03	95-40-00	1	2	1	JT1E-DC24V	27-50-00	1	25	2
H1612L	27-40-00	1	8	1	JV-26	27-40-03	4	17	2
H1624L	27-40-00	1	19	1	JV-5	27-50-00	1	22	2
H2340-1	71-10-00	1	4	2	KA-0033-01	39-40-00	1	1	1
H-4600-.051-.115	71-10-00	1	5	2	KA51B	39-10-00	1	41	1
H-910-15	52-10-00	1	5	1	KAS-297B	39-10-00	1	16	1
HF-3M	76-00-00	1	6	1	KEA-130A	39-10-00	1	20	1
	76-00-00	1	20	1	KG-107	39-10-00	1	18	1
	76-00-00	1	23	1	KG-258	39-10-00	1	17	1
HL18-6-30	27-40-00	1	27	2	KI-203	39-10-00	1	15	1
HMX-3A	32-30-00	1	6	1	KI-204	39-10-00	1	15	1
	32-30-00	1	24	1	KI-206	39-10-00	1	15	1
HMX-6G	32-30-00	1	39	1	KI-227	39-10-00	1	15	1
HMX-6G	32-30-01	2	3	1		39-10-00	1	19	1
HP008	37-00-00	1	44	1	KI-229	39-10-00	1	19	1
HYBOND12	39-10-01	2	17	AR	KI-250	39-10-00	1	22	1
IDECRY4S-24VDC	27-60-00	1	13	1	KI-256	39-10-00	1	17	1
IDECSYRS-05	27-60-00	1	14	1	KI-525A	39-10-00	1	18	1
IH 19-15	71-00-00	1	29	1	LC-022C-4	52-10-00	1	46	1
IO 550-G5(B)	30-60-00	1	11	REF	LC-047F-7	33-40-01	2	6	4
IO 550-G5B	28-20-00	1	19	REF		52-30-00	1	19A	1
IO-550-G(5)	28-20-00	1	48	REF	LC-051-9	71-00-01	2	25	1
	28-20-00	1	49	REF		71-00-01	2	26	1
	61-10-00	1	10	REF	LC-051G-9	71-00-01	2	24	1
	71-00-00	1	1	1	LC-59G-12	52-10-00	1	41	1
	71-20-00	1	1	REF	LE-029C-6	52-30-00	1	14A	1
	71-20-01	2	30	REF	LM338K	39-40-01	1	16	1
	71-60-00	1	40	REF	LOCTITE 222	21-40-00	1	28	AR
	76-00-00	1	14	REF	L-PB14A06	24-40-00	1	10	1
	76-00-00	1	19	REF	LP-MIL-H-5593-2-2062				
	76-00-00	1	25	REF		37-00-00	1	35	AR
	76-00-00	1	27	REF	LSS-3	57-10-00	1	33	2
	95-40-00	1	5	REF	LW-M-2376	71-00-01	2	27	2
IO-550G5B	37-00-00	1	3	REF	M2252912-2	37-00-00	1	45	AR
IO550-G5B	71-00-03	1	1	REF	M31-14MPB	27-20-00	1	46	1
IO550-G5B	71-00-03	1	5	REF	M34-14MPB	27-10-00	1	32	2
IIO-550-G(7)	71-00-00	1	1	1		27-10-00	1	38	2
OH3P	24-40-00	1	6	1		27-20-00	1	46	1
IU7000-C83	34-10-00	1	46	REF		27-20-00	1	61	1
IZIT	25-00-00	1	26	AR		27-20-00	1	66	1
	25-00-00	1	26	AR		27-30-00	1	2	1
	25-00-00	1	44	AR		27-30-00	1	22	1
J10931-2	71-20-01	2	27	1		27-30-00	1	31	1
J9612-42	71-20-01	2	28	1		27-50-00	1	18	1
J9612-43	71-20-01	2	9	1		32-11-00	1	10	1
	71-20-01	2	16	1	M441	55-40-00	1	37	1

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M441	57-22-00	1	17	2	MS20270-B8	27-40-01	2	7	1
M-71-1032-250	32-30-01	2	21	1		27-40-01	2	13	1
M800	39-10-02	1	6	1		27-40-01	2	16	1
MD46-15MPB	32-30-00	1	60	1	MS20364-1032	32-11-00	1	37	1
MD-89	39-10-00	1	2	1	MS20365-1032	32-20-00	1	27	1
M-DP05A20	34-10-00	1	7	AR		32-30-00	1	17	2
M-DP06A20	34-10-00	1	8	AR		32-30-00	1	19	1
MIL-H-5593-4	71-00-00	1	8	1		32-30-00	1	20	1
	71-00-00	1	9	1		32-30-00	1	26	2
MIL-W-22759/16	95-30-01	2	4	25		32-30-00	1	48	2
	95-30-01	2	4	15		32-30-00	1	62	2
MN101-12	30-10-00	1	12	1	MS20365-428	32-30-01	2	47	1
	30-10-00	1	34	2		27-30-00	1	25	2
MN101-20	30-10-00	1	24	2		32-30-00	1	2	1
	30-10-00	1	32	1		32-30-00	1	2	1
	30-10-00	1	46	1		32-30-00	1	45	2
MN101-24	30-10-00	1	36	2	MS20365-624	32-30-00	1	40	1
MN101-32	30-10-00	1	45	1	MS20392-1C25	21-40-00	1	18	1
MN4651	30-10-00	1	23	1		32-30-01	2	33	1
MN4854	30-10-00	1	40	2	MS20392-2C17	32-11-00	1	33	1
MN4855	30-10-00	1	24	2	MS20392-2C37	32-30-01	2	28	1
	30-10-00	1	32	1	MS20392-2C67	27-20-01	2	6	4
	30-10-00	1	46	1		27-20-01	2	18	4
MN4856	30-10-00	1	12	1	MS20392-2C7	32-11-00	1	37	1
	30-10-00	1	34	2	MS20392-2C9	32-11-00	1	30	1
MN6069	30-10-00	1	35	1		32-11-00	1	34	REF
MN6201	30-10-00	1	45	1		32-30-00	1	49	1
MN6206	30-10-00	1	45	1	MS20426A3	25-00-00	1	44	AR
MN6223	30-10-00	1	36	2		71-10-00	1	12	12
MPA106D	27-00-00	1	11	1	MS20426A4	71-10-00	1	2	10
MS14102-3	27-50-00	1	3	1		71-10-00	1	13	21
	27-50-00	1	11	3	MS20426AD3	27-40-00	1	37	4
	27-50-00	1	3	1		27-40-03	4	8	2
MS15001-1	32-10-00	1	3	1		27-40-03	4	8	2
	32-10-00	1	6	2		37-00-00	1	45	2
	32-10-00	1	11	1		39-10-01	2	3	2
	32-10-00	1	23	1		52-10-00	1	1	2
	32-20-00	1	6	2		71-10-00	1	4	4
	32-20-00	1	9	1		71-10-00	1	4	8
	32-20-00	1	12	2		71-10-00	1	5	4
	32-20-00	1	18	1		71-10-00	1	9	2
MS15001-3	32-20-00	1	4	2		71-10-00	1	10	2
	32-20-00	1	9	2		71-10-00	1	11	2
MS15001-4	32-10-00	1	12	1		71-10-00	1	17	28
MS15002-1	32-10-00	1	15	1	MS20426AD3-4	71-00-02	3	4	8
MS16562-52	27-50-00	1	3	4		71-00-02	3	6	10
MS16624-1937	27-40-00	1	12	1	MS20426AD3F-8	53-20-00	1	4	10
MS16633-1018	71-60-00	1	32	1	MS20426AD4	71-10-00	1	8	2
MS16998-28	27-40-01	2	33	4	MS20426-AD4	28-10-00	1	2	6
MS17160-46	53-10-04	5	9	2		57-30-01	2	4	REF
MS20002C4	57-50-01	2	11	1	MS20426AD4-5	53-20-00	1	8	34
	57-50-01	2	18	2	MS20426AD5	71-10-00	1	4	3
MS20004-12	57-50-01	2	11	1	MS20427M-3-3	53-20-00	1	9	38
	57-50-01	2	18	2		53-20-00	1	10	18
MS20115-4	27-30-00	1	46	1		53-20-00	1	6	2
MS20219-002	27-30-00	1	39	REF	MS20427M-3N-3	53-20-00	1	6	2
MS20253-P2-515	71-60-00	1	31	1		53-20-00	1	7	4
MS20270-B8	27-40-01	2	2	1	MS20470A4	21-60-00	1	6	8

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MS20470A4-9	71-60-00	1	11	9	MS21042-3	71-60-00	1	27	2
MS20470AD	21-50-00	1	97	7		78-00-00	1	27	10
MS20470AD4	21-50-00	1	17	2	MS21042-4	24-40-00	1	8	1
	37-00-00	1	25	REF		24-40-00	1	16	2
	53-10-03	4	35	8		25-10-01	2	-	1
	53-20-02	3	15	3		53-40-00	1	9	6
MS20819-40	71-00-00	1	21	2		57-50-01	2	11	1
MS20819-4D	71-00-00	1	11	1		57-50-01	2	18	2
	71-00-00	1	13	2	MS21042L02	39-10-00	1	2	4
	71-00-00	1	22	2	MS21042L3	21-50-00	1	3	1
MS20819-6D	57-10-01	2	48	1		21-50-00	1	19	1
MS20822-3D	32-40-01	2	24	4		21-50-00	1	25	8
MS20823-3D	32-10-00	1	38	2		21-50-00	1	32	4
	32-40-01	2	85	REF		21-50-00	1	100	8
MS20823-4D	71-00-00	1	27	1		25-10-00	1	53	2
MS21025-24	32-10-00	1	34	1		25-20-02	3	14	8
MS21042-04	21-40-00	1	24	2		57-10-00	1	33	2
	27-40-03	4	18	4	MS21042-L3	53-10-02	3	13	2
	71-60-00	1	38	2		71-00-01	2	11	2
MS21042-06	25-00-00	1	44	4		71-00-01	2	27	2
	25-00-00	1	46	2	MS21042L4	71-00-00	1	39	2
	37-00-00	1	53	2		71-20-00	1	8	2
	53-20-02	3	22	2	MS21042L5	71-20-00	1	9	2
MS21042-08	57-30-00	1	45	1	MS21042L6	71-20-00	1	7	2
	21-60-00	1	24	2	MS21043-3	25-10-00	1	44	1
	25-00-01	2	8	2	MS21044N3	32-11-00	1	19	2
	25-00-01	2	8	2		37-00-00	1	25	REF
	25-00-03	4	6	2		53-20-02	3	15	1
	25-00-03	4	7	2	MS21044N4	32-10-00	1	40	4
MS21042-3	28-20-00	1	25A	1	MS21044-N4	25-20-02	3	31	4
	21-40-00	1	1	10	MS21044N6	32-10-00	1	29	2
	21-40-00	1	2	1	MS21044N7	32-10-00	1	14	1
	21-40-00	1	2	1	MS21044N9	32-10-00	1	24	1
	25-10-00	1	37	1	MS21045-03	32-30-00	1	42	1
	25-10-01	2	1	2		32-30-01	2	19	1
	25-20-01	2	32	2		32-30-01	2	36	1
	27-20-00	1	33	1		32-30-01	2	38	1
	27-20-01	2	14	2		32-30-01	2	40	2
	27-20-01	2	15	2	MS21045-04	27-40-03	4	16	4
	27-20-01	2	16	2		32-30-01	2	18	1
	27-50-00	1	16	REF	MS21045-06	30-60-00	1	3	6
	27-50-01	2	5	1		32-30-01	2	29	2
	28-20-00	1	24A	2		32-30-01	2	34	1
	28-20-00	1	25A	1	MS21045-08	76-00-00	1	10	4
	32-11-00	1	21	2	MS21045-3	27-40-03	4	11	4
	32-30-01	2	53	4		32-30-00	1	70	1
	35-00-00	1	56	1		32-30-00	1	71	1
	39-40-00	1	3	1		32-30-00	1	24	1
	39-40-00	1	4	3		57-10-00	1	6	1
	53-10-04	5	2	3		78-00-00	1	7	1
	71-00-00	1	10	1		78-00-00	1	10	2
	71-00-00	1	14	1		78-00-00	1	9	2
	71-00-00	1	25	1	MS21045-5	30-60-00	2	34	1
	71-00-00	1	41	2	MS21045L06	32-30-01	2	7	1
	71-00-01	2	17	4	MS21045L08	21-40-00	1	29	2
	71-00-01	2	17	2		32-30-01	2	29	2
	71-00-01	2	22	4	MS21045L3	21-40-00	1	6	2
	71-00-01	2	22	2		21-50-00	1	4	4

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MS21045L3	21-50-00	1	46	1	MS21047L3	53-30-00	1	12	10
	21-50-00	1	49	1		53-30-00	1	12	10
	27-30-00	1	37	1		53-30-00	1	14	5
	27-30-00	1	52	1		53-30-00	1	14	5
	28-20-00	1	2	2	MS21047L3K	53-10-02	3	45	2
	28-20-00	1	26	2		53-20-00	1	6	2
	28-20-00	1	32	1		53-20-00	1	7	2
	28-20-00	1	33	1		57-30-00	1	12	8
	28-20-00	1	37	1	MS21047L5	57-10-02	3	45	2
	28-20-00	1	38	1		57-10-02	3	46	1
	32-11-00	1	11	1	MS21047L7	57-10-02	3	46	1
	32-11-00	1	12	1	MS21049-L08K	57-30-00	1	16	6
	32-11-00	1	13	1		57-30-00	1	25	8
	32-11-00	1	24	1		57-30-00	1	26	8
	32-30-00	1	25	2		57-30-00	1	27	8
	32-30-00	1	42	1		57-30-00	1	30	8
	32-30-01	2	7	2		57-30-00	1	36	8
	32-30-01	2	8	1		57-30-00	1	41	6
	32-30-01	2	19	1		57-30-00	1	46	6
	32-30-01	2	36	1	MS21051L03	21-60-00	1	13	1
	32-30-01	2	38	1	MS21051-L08	37-00-00	1	45	4
	32-30-01	2	40	2		53-10-02	3	16	4
	32-30-01	2	50	4		53-10-04	5	11	1
	37-00-00	1	24	1	MS21051L3	53-30-00	1	12	2
	37-00-00	1	25	1		53-30-00	1	12	2
	37-00-00	1	39	4		53-30-00	1	14	2
	37-00-00	1	47	1		53-30-00	1	14	2
	61-10-00	1	2	8		71-10-00	1	11	2
	76-00-00	1	29	2	MS21059-06	33-40-04	5	10	5
MS21045L3	76-00-00	1	31	1	MS21059-06	71-00-01	2	1	4
MS21045-L3	24-20-00	1	6	1	MS21059-08	53-10-03	4	53A	3
	27-40-01	2	26	1	MS21059-3	21-50-00	1	42	12
	32-11-00	1	9	1		71-00-00	1	43	1
	32-11-00	1	41	1		71-00-01	2	1	2
	32-11-00	1	41	1		71-00-01	2	4	1
	34-10-00	1	17	5		71-00-01	2	6	5
	53-10-03	4	86A	2		71-00-01	2	8	1
	55-40-00	1	18	2		71-00-01	2	9	1
	71-00-03	1	10	1		71-00-01	2	13	5
	71-00-03	1	14	1		71-00-01	2	20	1
	76-00-00	1	4	2		71-00-01	2	22	2
	76-00-00	1	17	2	MS21059L08	33-40-01	2	3	3
MS21045L4	32-11-00	1	15	1		33-40-01	2	12	10
	32-11-00	1	17	1		53-10-00	1	54	4
	32-11-00	1	22	1		53-10-00	1	55	4
	32-30-01	2	18	1		53-10-00	1	56	2
	37-00-00	1	37	4		71-00-01	2	13	2
	71-00-00	1	38	2	MS21059-L08K	53-10-00	1	52	1
	71-20-00	1	6	2	MS21059L3	21-50-00	1	17	1
MS21045-L4	27-40-01	2	23	2		21-50-00	1	34	2
MS21046-C3	78-00-00	1	12	1		53-10-02	3	6	2
	78-00-00	1	24	1		53-10-03	4	51	1
MS21047-06	32-30-00	1	29	2		53-10-00	1	10	9
MS21047-3	52-10-00	1	35	4		71-00-02	3	6	5
MS21047L08	55-10-00	1	17	3		71-10-00	1	9	2
MS21047L3	53-10-04	5	9	5		71-10-00	1	10	4
	53-10-04	5	10	2	MS21059-L3	27-40-03	4	8	1
	53-10-04	5	11	1		57-10-04	5	16	3

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MS21059L06	57-22-00	1	21	2	MS21919WCJ-8	71-00-00	1	25	1
MS21061-06	57-22-00	1	2	6	MS21919DG10	32-40-01	2	49	1
MS21061-L08	53-10-00	1	50	1		32-40-02	3	19	2
	53-10-00	1	52	2	MS21919DG12	35-00-00	1	44	1
	53-10-03	4	53A	1	MS21919DG2	21-40-00	1	20	1
MS21061-L08K	53-10-00	1	52	1		35-00-00	1	6	3
	57-10-00	1	49	13		35-00-00	1	44	9
MS21061L3	21-50-00	1	17	2	MS21919DG3	21-60-00	1	13	1
	21-50-00	1	30	2		27-60-00	1	13	4
	21-50-00	1	31	2		32-40-01	2	49	1
MS21061-L3	27-40-03	4	8	1		32-40-01	2	51	1
	53-10-00	1	50	3		32-40-01	2	59	2
	71-00-01	2	9	2		32-40-01	2	67	2
	71-00-01	2	17	2		32-40-01	2	71	2
	71-00-01	2	20	5		32-40-01	2	73	2
	71-00-01	2	22	2		32-40-01	2	75	2
MS21069L08	21-40-00	1	6	2		32-40-01	2	79	2
	53-20-01	2	38	2		32-40-02	3	17	4
MS21069-L3	57-10-00	1	24	2		32-40-02	3	18	4
MS21069L4	32-11-00	1	22	1		35-00-00	1	3	3
MS21071-L3	71-00-01	2	1	2		95-30-02	3	3	1
MS21073L08	39-10-01	2	3	1	MS21919DG4	32-40-02	3	33	REF
MS21073-L3	71-00-01	2	22	2		34-10-00	1	15	2
MS21075-06	24-20-00	1	3	2		34-10-00	1	17	10
MS21077-011	53-10-03	4	80	1		34-10-00	1	18	2
MS21077-3K	24-40-00	1	2	1		35-00-00	1	6	3
	53-10-03	4	80	6		35-00-00	1	34	2
MS21078-06	57-10-01	2	15	3		35-00-00	1	44	2
MS21078-08	57-22-00	1	2	8	MS21919DG50	37-00-00	1	12	4
MS21078-08K	35-00-00	1	63	9		71-60-00	1	27	2
MS21078-4	52-10-00	1	3	1	MS21919DG6	21-60-00	1	24	2
MS21080-08	33-40-01	2	11	4		57-10-01	2	50	1
MS21083N06	30-60-00	1	4	6	MS21919DG7	32-40-01	2	28	1
MS21083N08	35-00-00	1	17	3	MS21919DG8	32-40-01	2	83	2
MS21083N5	32-10-00	1	26	1		32-40-02	3	15	2
MS21086-3	76-00-00	1	27	3		32-40-02	3	20	1
MS21251-B35	27-30-00	1	46	1		32-40-02	3	36	1
MS21251-B3S	27-40-03	4	14	2		32-40-02	3	37	1
MS21255-3LS	27-30-00	1	46	1		32-40-02	3	38	1
	27-40-03	4	14	2		34-10-00	1	15	2
MS21255-3RS	27-30-00	1	46	1		35-00-00	1	44	1
	27-40-03	4	14	2		53-10-03	4	1	1
MS21256-1	27-40-03	4	13	4	MS21919DG9	34-10-00	1	27	1
MS21256-2	27-30-00	1	46	2	MS21919WDG10	28-20-00	1	24A	1
MS21266-1	21-50-00	1	48	1		37-00-00	1	8	2
MS21315-5	76-00-00	1	11	2		37-00-00	1	8	1
MS21333-2	32-40-01	2	54	1		39-40-00	1	4	3
MS21919WCH-12	71-00-00	1	10	1		71-00-03	1	6	REF
	71-00-00	1	14	1	MS21919WDG11	24-20-00	1	6	1
	71-00-00	1	25	1	MS21919WDG12	21-40-00	1	2	1
MS21919WCH-4	71-00-00	1	14	1		21-50-00	1	4	4
MS21919WCH-8	71-00-00	1	10	1		21-50-00	1	45	1
	71-00-00	1	25	1		21-50-00	1	49	1
MS21919WCJ-12	71-00-00	1	10	1		37-00-00	1	47	1
	71-00-00	1	14	1		71-00-00	1	10	1
	71-00-00	1	25	1		71-00-00	1	14	1
MS21919WCJ-4	71-00-00	1	14	1		71-00-00	1	25	1
MS21919WCJ-8	71-00-00	1	10	1		71-00-03	1	4	1

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MS21919WDG12	71-00-03	1	11	1	MS24693-S28	33-40-02	3	6	1
	71-60-00	1	27	2		53-20-02	3	22	2
MS21919WDG22	21-50-00	1	3	1		57-22-00	1	13	2
MS21919WDG34	71-00-03	1	9	1	MS24693-S33	25-00-00	1	23	4
	71-00-03	1	13	1	MS24693S48	53-10-00	1	51	2
	71-00-03	1	15	1	MS24693-S50	25-00-00	1	44	2
MS21919WDG4	28-20-00	1	25A	1		25-00-00	1	44	10
	71-00-00	1	14	1		25-00-00	1	44	4
	71-00-03	1	7	REF	MS24693-S54	53-10-04	5	4A	4
MS21919WDG40	21-40-00	1	2	1		53-10-04	5	5A	4
	21-40-00	1	2	1	MS24694-4	57-22-00	1	5	8
	21-40-00	1	2	1	MS24694-55	52-10-00	1	51	8
MS21919WDG5	28-20-00	1	24A	1	MS24694-S104	25-00-00	1	47	2
	28-20-00	1	25A	1	MS24694-S23	53-20-01	2	10	4
MS21919WDG6	28-20-00	1	24A	2	MS24694-S3	32-21-00	1	2	16
	28-20-00	1	32	1		33-40-01	2	2	10
	28-20-00	1	33	1	MS24694S10	21-50-00	1	3	1
MS21919WDG8	28-20-00	1	25A	1	MS24694S50	32-11-00	1	21	2
	28-20-00	1	33	1	MS24694S51	71-10-00	1	9	2
	28-20-00	1	38	1		71-10-00	1	10	4
	71-00-00	1	10	1		71-10-00	1	11	2
	71-00-00	1	25	1	MS24694-S52	52-10-00	1	4	2
MS21919WDG9	28-20-00	1	32	1	MS24694-S64	53-10-04	5	2	3
	28-20-00	1	37	1	MS24694-S67	25-10-01	2	1	2
	28-20-00	1	38	1	MS25171-1S	24-40-00	1	17	3
MS21929-DG10	30-10-00	1	20	1	MS25171-3S	24-40-00	1	12	5
MS21929-DG14	30-10-00	1	20	1	MS27039-0816	25-00-03	4	6	2
MS22048C1	25-20-02	3	10	4		25-00-03	4	7	2
MS220-48C1	25-00-01	2	7	2	MS27039-0834	27-40-00	1	26	2
MS220-48C1	25-00-03	4	5	2	MS27404-2D	37-00-00	1	20	2
MS221045L4	32-30-01	2	2	1	MS29512-04	28-20-00	1	28	3
MS24482-1	39-10-00	1	28	1	MS29512-06	28-20-00	1	4	1
MS24665-132	25-10-00	1	40	1		28-20-00	1	4A	1
	27-30-00	1	40	REF	MS29512-08	28-20-00	1	29	1
	27-30-00	1	41	1		28-20-00	1	35	2
	27-30-00	1	47	1	MS29513-010	28-20-00	1	44	1
	27-30-00	1	49	1	MS29513-338	28-20-00	1	44	1
	27-30-00	1	51	1	MS3367-1-9	95-20-00	1	9	2
	27-40-03	4	7	1	MS3506-1	24-40-00	1	3	1
MS24665-134	27-30-00	1	40	REF	MS35206-216	39-40-01	1	14	1
MS24665-151	27-40-01	2	36	1		39-40-01	1	15	1
	32-30-01	2	28	1	MS35206-217	27-40-03	4	16	4
	32-30-01	2	33	1	MS35206-219	21-40-00	1	24	2
MS24665-155	78-00-00	1	22	3		27-40-03	4	18	4
MS24665-170	21-40-00	1	10	1		71-60-00	1	38	2
MS24665-362	32-10-00	1	34	1	MS35206-226	21-40-00	1	10	2
MS24693-273	25-00-00	1	34	4	MS35206-226	21-60-00	1	12	2
MS24693-28	30-10-00	1	18	3		56-20-01	2	5	2
MS24693-50	52-10-00	1	1	2	MS35206-227	21-40-00	1	18	4
	52-10-00	1	2A	2		21-40-00	1	28	3
MS24693-523	56-20-01	2	5A	2	MS35206-228	25-20-01	2	37	4
MS24693-S2	35-00-00	1	50	2		32-30-00	1	29	2
MS24693-S24	57-22-00	1	22	2		32-30-00	1	35	1
MS24693-S25	25-00-00	1	44	12		53-50-00	1	7	9
	25-00-00	1	46	4		71-60-00	1	37	2
	25-00-00	1	46	8	MS35206-229	39-40-01	1	2	4
MS24693-S270	53-10-00	1	50	14		39-40-01	1	8	2
	53-10-00	1	51	22		39-40-01	1	9	2

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MS35206-229	39-40-01	1	23	4	MS35207-262	71-00-01	2	11	2
	71-00-01	2	1	4		71-00-01	2	15	2
MS35206-230	33-40-02	3	5	2		71-00-01	2	17	4
	57-22-00	1	13	4		71-00-01	2	17	2
MS35206-231	39-40-01	1	16	2		71-00-01	2	18	2
MS35206-234	37-00-00	1	53	2		71-00-01	2	21	1
	57-30-00	1	45	1		71-00-01	2	22	4
MS35206-235	39-40-01	1	6	4		71-00-01	2	22	2
MS35206-241	32-10-00	1	32	3		71-00-01	2	27	2
	32-40-00	1	12	REF		71-00-01	2	28	5
MS35206-242	39-40-01	1	20	1		71-00-02	3	7	REF
	53-10-00	1	57	3	MS35207-263	21-40-00	1	2	1
MS35206-243	35-00-00	1	63	9		28-20-00	1	10	2
	53-10-00	1	57	2		28-20-00	1	32	1
	53-20-01	2	35	3		28-20-00	1	37	1
	53-20-01	2	38	2		28-20-00	1	42	5
	71-00-00	1	43	1		32-40-01	2	75	2
	71-00-01	2	6	2		32-40-01	2	79	2
MS35206-244	21-50-00	1	28	2		32-40-01	2	95	2
	21-50-00	1	37	2		34-10-00	1	17	5
	25-00-01	2	8	2		34-10-00	1	18	2
	32-30-01	2	23	6		35-00-00	1	3	4
	33-40-03	4	8	2		35-00-00	1	6	3
	35-00-00	1	3A	1		35-00-00	1	34	2
	37-00-00	1	45	4		35-00-00	1	44	7
	55-10-00	1	39	8		35-00-00	1	56	1
	55-10-00	1	40	6		37-00-00	1	25	REF
	76-00-00	1	10	4		53-10-04	5	10	2
MS35206-245	21-40-00	1	7	4		53-20-02	3	15	1
	27-10-00	1	9	4		71-00-01	2	20	2
	32-30-01	2	29	2		71-60-00	1	19	2
	35-00-00	1	17	3	MS35207-264	28-20-00	1	2	2
	53-10-00	1	51	2		35-00-00	1	44	2
	55-10-00	1	17	3	MS35207-265	28-20-00	1	33	1
	57-10-00	1	49	13		28-20-00	1	38	1
	71-00-01	2	13	2	MS35207-266	25-20-02	3	14	8
MS35206-246	28-20-00	1	25A	1	MS35207-267	21-60-00	1	13	1
MS35206-247	25-00-01	2	8	2	MS35207-268	25-10-00	1	37	1
MS35206-249	32-40-02	3	19	2		25-10-00	1	44	1
MS35206-251	33-40-01	2	6	4	MS35207-269	32-40-01	2	73	2
MS35206-263	21-50-00	1	29	4	MS35207-271	25-20-01	2	32	2
	25-20-02	3	34	2	MS35214-29	30-60-00	1	4	6
MS35206-328	32-30-00	1	31	2	MS35306-242	21-60-00	1	24	2
	32-30-01	2	34	1	MS35333-37	30-60-00	1	4	18
MS35207-206	21-50-00	1	42	12	MS35333-40	25-20-02	3	34	2
MS35207-231	28-20-00	1	41	5	MS35335-30	71-60-00	1	37	2
MS35207-261	30-10-00	1	13	1	MS35338-44	25-20-02	3	28	1
	32-40-01	2	71	2		71-00-01	2	19	3
MS35207-261	34-10-00	1	40	2	MS35338-44	71-00-01	2	23	3
MS35207-262	27-40-03	4	9	4	MS35489-1	39-10-01	2	19	1
	28-20-00	1	40	4	MS35489-11	57-10-01	2	48	1
	53-10-04	5	11	2	MS35489-13	76-00-00	1	35	3
	71-00-01	2	2	2	MS35489-134	35-00-00	1	33	1
	71-00-01	2	3	4	MS35489-16	71-00-01	2	17	1
	71-00-01	2	5	1	MS35489-17	21-50-00	1	98	1
	71-00-01	2	7	2	MS35489-20	71-00-01	2	9	1
	71-00-01	2	9	3	MS35489-23	71-00-01	2	17	1
	71-00-01	2	10	4	MS35489-4	21-60-00	1	22	1

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PART NO.	CH-SEC-SUB	FIG	ITEM	TTL	PART NO.	CH-SEC-SUB	FIG	ITEM	TTL
MS35489-4	24-20-00	1	22	1	NAS1080-5	57-10-02	3	43	16
MS35489-7	71-00-01	2	13	1		57-10-02	3	44	4
MS35489-8	71-00-01	2	9	1		57-10-02	3	45	2
	71-00-01	2	13	1		57-10-02	3	46	12
MS35489-9	57-10-01	2	50	1		57-10-03	4	9	10
MS35649-242	25-00-00	1	12	4		57-10-03	4	11	8
MS35649-282	32-30-01	2	43	1		57-10-03	4	12	8
	35-00-00	1	3A	1		57-10-03	4	13	8
	53-10-00	1	51	2		57-10-04	5	2	12
MS51503-B2	37-00-00	1	20	1		57-10-04	5	3	10
MS51508-B45	28-20-00	1	45A	1	NAS1080-6	57-10-04	5	13	10
MS51525B6	28-20-00	1	4A	1		55-00-00	1	9	6
MS51527-B8	28-20-00	1	29	1		55-00-00	1	11	11
MS51528B6	28-20-00	1	4	1		57-10-00	1	18	8
MS51830-201L	34-10-00	1	42	1		57-10-02	3	1	24
	55-40-00	1	1	8		57-10-02	3	2	8
MS51861-35	25-00-00	1	26	2		57-10-02	3	3	35
MS51865-6	25-10-00	1	53	2		57-10-02	3	6	16
MS51957-30	30-60-00	1	3	6		57-10-02	3	7	36
MS51957-77	71-00-01	2	19	3		57-10-02	3	9	6
	71-00-01	2	23	3		57-10-02	3	10	30
MS51958-65	71-60-00	1	36	1		57-10-02	3	12	40
MS9592-006	39-40-00	1	3	1		57-10-02	3	13	5
MTS-35-A	39-40-01	1	12	1		55-30-00	1	6	12
MTS-75-A	39-40-01	1	11	1	NAS1106-12D	32-10-00	1	13	1
MTS-90-A	39-40-01	1	11	1	NAS1169-10	71-10-00	1	9	2
N49216	57-10-00	1	8	1		71-10-00	1	10	4
NA35207-263	21-40-00	1	2	1	NAS1304-32	71-00-00	1	39	2
NAL1919B4-02	57-50-01	2	13	AR		71-20-00	1	8	2
NAS1031-A06	71-60-00	1	37	2	NAS1305-18	71-00-00	1	37	2
NAS1031A08	53-10-00	1	56	5		71-20-00	1	9	2
NAS1031A08K	53-10-00	1	57	3	NAS1307-29	32-10-00	1	14	1
NAS1031-A3	53-10-00	1	55	6	NAS1307-50	71-20-01	2	2	1
NAS1031A3K	53-10-00	1	57	2		71-20-01	2	12	1
	53-20-00	1	6	1		71-20-01	2	22	1
	55-30-00	1	22	8	NAS1307-72D	32-20-00	1	10	1
NAS1080-4	57-10-03	4	6	10	NAS1309-30	32-10-00	1	24	1
NAS1080-5	53-10-03	4	18	10	NAS1352-08-4	25-00-00	1	47	2
	55-10-00	1	7	10	NAS1352-3-12P	37-00-00	1	30	4
	55-10-00	1	33	16	NAS1368-10A	32-30-01	2	4	1
	55-10-01	2	5	16	NAS1368-10B	32-30-01	2	4	1
	55-10-01	2	24	8	NAS1368-6A	32-30-01	2	16	1
	57-10-02	3	3	160	NAS1368-6B	32-30-01	2	4	2
	57-10-02	3	10	140	NAS1368-8A	25-10-00	1	34	1
	57-10-02	3	17	16		34-10-00	1	11	5
	57-10-02	3	18	16	NAS1368N3B	25-20-01	2	1	1
	57-10-02	3	19	4		25-20-01	2	9	1
	57-10-02	3	20	5	NAS1368N6C	25-20-01	2	1	1
	57-10-02	3	23	8		25-20-01	2	9	1
	57-10-02	3	25	12	NAS1424-5	57-10-02	3	31	3
	57-10-02	3	28	16		57-10-02	3	33	4
	57-10-02	3	30	16		57-10-02	3	34	16
	57-10-02	3	31	3		57-10-02	3	35	16
	57-10-02	3	32	3	NAS1424-6	57-10-02	3	33	4
	57-10-02	3	33	16	NAS142A-5	57-10-02	3	3	10
	57-10-02	3	34	16	NAS1465-11	53-10-03	4	18	8
	57-10-02	3	35	16	NAS1465-16	57-10-02	3	7	2
	57-10-02	3	41	27		57-10-02	3	12	2

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NAS1465-2	55-10-00	1	33	4	NAS1466-12	57-10-02	3	12	4
	57-10-04	5	3	8	NAS1466-13	57-10-02	3	3	3
NAS1465-3	55-10-01	2	5	14		57-10-02	3	7	4
	55-10-01	2	24	6		57-10-02	3	10	2
	57-10-02	3	19	4		57-10-02	3	12	4
NAS1465-4	55-10-00	1	33	6	NAS1466-14	57-10-02	3	1	4
	55-10-01	2	5	2		57-10-02	3	3	3
	55-10-01	2	24	2		57-10-02	3	6	4
	57-10-02	3	10	58	NAS1466-15	57-10-02	3	3	3
	57-10-02	3	23	1		57-10-02	3	6	4
	57-10-03	4	13	4	NAS1466-16	57-10-02	3	3	3
NAS1465-5	55-10-00	1	7	6		57-10-02	3	6	4
	55-10-00	1	33	4		57-10-02	3	7	14
	57-10-02	3	3	100		57-10-02	3	10	3
	57-10-02	3	10	55		57-10-02	3	12	14
	57-10-02	3	17	8	NAS1466-17	57-10-02	3	6	4
	57-10-02	3	18	8	NAS1466-18	57-10-02	3	3	3
	57-10-02	3	20	1		57-10-02	3	7	4
	57-10-02	3	25	6		57-10-02	3	10	2
	57-10-02	3	28	8		57-10-02	3	12	4
	57-10-02	3	30	8		57-10-02	3	13	3
	57-10-02	3	33	4	NAS1466-19	57-10-02	3	7	8
	57-10-02	3	43	16		57-10-02	3	10	5
	57-10-03	4	9	10		57-10-02	3	12	8
	57-10-03	4	11	8		57-10-02	3	13	2
	57-10-03	4	12	8	NAS1466-2	55-00-00	1	9	6
	57-10-03	4	13	4	NAS1466-4	55-00-00	1	11	1
NAS1465-6	57-10-04	5	2	8		57-10-03	4	6	10
	55-10-00	1	7	4	NAS1466-5	55-00-00	1	11	2
	55-10-00	1	33	2	NAS1466-6	55-00-00	1	11	4
	57-10-02	3	3	40		55-30-00	1	6	12
	57-10-02	3	10	14		57-10-00	1	18	4
	57-10-02	3	17	8	NAS1466-7	55-00-00	1	11	4
	57-10-02	3	18	8		57-10-00	1	18	4
	57-10-02	3	23	7		57-10-02	3	2	2
	57-10-02	3	30	8		57-10-02	3	8	2
	57-10-02	3	33	4		57-10-02	3	10	2
	57-10-02	3	41	27	NAS1466-8	57-10-02	3	2	2
NAS1465-7	57-10-02	3	3	10		57-10-02	3	3	5
	57-10-02	3	10	4	NAS1466-9	57-10-02	3	2	2
	57-10-02	3	25	6		57-10-02	3	3	5
	57-10-02	3	28	8		57-10-02	3	8	2
NAS1465-8	57-10-02	3	3	10		57-10-02	3	10	2
	57-10-02	3	10	5		57-10-02	3	12	4
	57-10-02	3	20	4	NAS1475-2	57-10-04	5	3	2
	57-10-02	3	32	3	NAS1475-5	57-10-02	3	44	2
	57-10-02	3	44	2		57-10-04	5	2	4
	57-10-02	3	46	2		57-10-04	5	13	10
NAS1465-9	53-10-03	4	18	2	NAS1475-6	57-10-02	3	46	4
NAS1465-9	57-10-02	3	46	6	NAS1497-6	57-10-02	3	45	2
NAS1466-10	57-10-02	3	1	8	NAS1714D4-4NW	32-40-02	3	19	2
	57-10-02	3	3	5	NAS1919B4-01	57-50-01	2	13	AR
NAS1466-11	57-10-02	3	1	4	NAS1921B04S-01	53-10-04	5	23	3
	57-10-02	3	2	2	NAS21042-08	56-20-00	1	9	10
	57-10-02	3	3	5	NAS220-23	53-10-02	3	14	1
	57-10-02	3	9	2	NAS220-24	53-10-02	3	14	1
NAS1466-12	57-10-02	3	7	4	NAS220-25	53-10-02	3	14	1
	57-10-02	3	10	2	NAS220-26	53-10-02	3	14	1

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NAS220-27	53-10-02	3	14	1	NY-400-3	34-10-00	1	35	1
NAS220-34	27-40-00	1	26	2	NY-400-3TMT	34-10-00	1	29	4
NAS397-24	21-60-00	1	3	4	P041B850	30-10-00	1	25	1
	21-60-00	1	4	4	P-24068	25-00-00	1	5	REF
NAS40-3-LL-4.0	71-60-00	1	31	1		35-00-00	1	49	1
NAS428-3-11	32-11-00	1	44	1	P6-24014	32-30-00	1	29	1
NAS428-3-4	27-40-00	1	36	2	PB123	27-60-00	1	22	1
NAS428-3-7	32-11-00	1	44	1	PCX352	25-00-00	1	44	1
	57-10-01	2	42	2	PH502-24	34-10-00	1	1	1
NAS42DD3-10N	39-10-00	1	2	2	PK6X3/4	21-50-00	1	96	3
NAS42DD3-12N	39-10-00	1	2	2	PKES-90B-1/4	95-30-02	3	4	1
NAS43DD3-13	28-20-00	1	25A	1	PLT4S-0	39-10-01	2	18	1
NAS43004-16	25-20-02	3	28	1	PP2S-S10X	32-40-02	3	36	1
NAS479-5	57-10-01	2	50	1		32-40-02	3	38	1
NAS487-17	39-10-00	1	13	3		32-40-02	3	20	1
	39-10-00	1	14	4	PR1321-32	52-10-00	1	50	AR
	39-10-00	1	20	4	PR1403-G-B2	53-10-00	1	11	AR
	39-10-00	1	21	3	PR1422-A	32-11-00	1	5	AR
	39-10-02	1	9	3		53-30-00	1	1	AR
	39-10-02	1	10	3		53-30-00	1	2	AR
	39-10-02	1	14	3		53-30-00	1	3	AR
	39-10-02	1	15	3	PR1422-B	32-11-00	1	5	AR
	39-10-02	1	20	3	PR1428	53-10-00	1	9	AR
NAS487-20	39-10-00	1	31	4	PR812	71-10-00	1	13	AR
NAS51-37	27-40-00	1	12	1		71-60-00	1	6	AR
NAS517-3-21	27-20-00	1	33	1	PS2C8DL14GY	39-10-00	1	2	4
NAS528-A-4	57-10-02	3	3	10	PS4SM10DL01BK	25-00-00	1	5	8
NAS565-21	32-20-00	1	12	2		25-00-00	1	7	2
NAS623-2-19	39-10-01	2	21	1		25-00-00	1	27	2
	53-10-02	3	14	1		25-00-00	1	29	2
NAS623-2-20	53-10-02	3	14	1		35-00-00	1	46	REF
NAS623-2-21	53-10-02	3	14	1	PS4SM6DL20GY	25-00-00	1	44	4
NAS623-2-22	53-10-02	3	14	1		25-00-00	1	45	4
NAS623-2-23	53-10-02	3	14	1		25-20-02	3	26	4
NAS623-3-1	55-20-00	1	17	3	PS6C14DL01BK	39-10-02	1	8	4
	55-40-00	1	2	8		39-10-02	1	11	4
NAS624H-12	32-30-00	1	36	1		39-10-02	1	12	3
NAS6609-34	32-10-00	1	24	1		39-10-02	1	13	4
NAS680A3K	53-20-00	1	9	19		39-10-02	1	19	4
NAS70CL390-625	27-40-00	1	20	AR		39-10-00	1	16	4
NAS75-4-012	25-00-00	1	42	1		39-10-00	1	13	3
NAS75-4-12	25-00-00	1	41	1		39-10-00	1	14	4
NAS960-10	21-40-00	1	2	2		39-10-00	1	17	4
NAS960-10L	21-40-00	1	2	1		39-10-00	1	18	3
	57-10-02	3	1	8		39-10-00	1	20	4
NMC557-16A	27-40-01	2	10	1		39-10-00	1	21	3
	27-40-01	2	11	1		39-10-00	1	22	4
	53-10-03	4	35A	1		39-10-02	1	9	3
	53-30-00	1	10	1		39-10-02	1	10	3
NMC-651H-A	34-10-00	1	12	1		39-10-02	1	14	3
NO. 4	23-60-00	1	5	1	PS6C18DL01BK	39-10-02	1	15	3
NP-77	21-50-00	1	74	AR	PS6C4DL01BK	39-10-00	1	30	4
	21-50-00	1	86	AR		39-10-00	1	34	2
NT141	27-40-00	1	41	REF		39-10-00	1	37	4
	27-40-02	3	12	2		39-10-00	1	3	2
NTA-1018	25-10-00	1	47	1		39-10-00	1	4	2
NY-400-1-2	34-10-00	1	41	2	PS6C6DL01BK	39-10-00	1	5	2
NY-400-3	34-10-00	1	24	1		39-10-00	1	6	2

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PS6C6DL01BK	39-10-00	1	7	2	QS100M40S	21-40-00	1	2	2
	39-10-00	1	8	2		21-40-00	1	3	1
	39-10-00	1	9	2		21-40-00	1	13	2
	39-10-00	1	10	2		21-40-00	1	17	2
	39-10-00	1	11	2		21-50-00	1	54	2
	39-10-00	1	23	2		21-50-00	1	80	2
	39-10-00	1	24	2	QS100-M44S	71-60-00	1	16	2
	39-10-00	1	25	2		71-60-00	1	22	2
	39-10-00	1	26	2		71-60-00	1	24	2
	39-10-00	1	27	2	QS100-M6S	57-10-01	2	49	2
	39-10-00	1	28	3	QS200-16H	30-10-00	1	38	2
	39-10-00	1	29	4		30-10-00	1	41	2
	39-10-00	1	31	4	R3002-T6-16	57-10-02	3	10	AR
	39-10-00	1	32	4	R4G	71-10-00	1	3	21
	39-10-00	1	33	4		71-10-00	1	14	8
	39-10-00	1	47	2		71-10-00	1	15	5
	39-10-02	1	3	2	RC911-VBBOW	25-00-00	1	5	1
	39-10-02	1	4	2		25-00-00	1	7	1
	39-10-02	1	5	2	RCR 650	39-10-02	1	20	1
	39-10-02	1	18	4	REM3-4-2	27-20-00	1	37	1
	39-10-02	1	21	2		27-10-00	1	32	1
	39-10-02	1	22	2	REP-3-4	32-30-00	1	47	2
	39-10-02	1	23	2	RF-15	25-00-01	2	14	AR
	39-10-02	1	24	2		25-00-01	2	16	AR
	39-10-02	1	26	2	RG24-15M	24-20-00	1	1	2
	39-10-02	1	36	2	RH-20	25-00-00	1	41	1
	39-10-02	1	37	2		25-00-00	1	42	1
	39-10-02	1	40	2	RH-25-1-25W	24-20-00	1	20	1
	39-10-02	1	41	2	RH-50-7.5	33-40-02	3	8	1
PS6C8DL01BK	25-00-00	1	44	4	RHW-203	25-00-00	1	41	1
	25-00-00	1	46	6		25-00-00	1	42	1
	39-10-00	1	15	4	RM52LHA49720-8-32	27-60-00	1	4	12
	39-10-00	1	19	4	RM52LHA4972-6-82	55-10-00	1	41	10
	39-10-00	1	41	4	RM52LHTA4972-6-82	25-00-00	1	44	2
	39-10-02	1	6	4		25-00-00	1	44	4
	39-10-02	1	20	3		53-10-03	4	12	10
	39-10-02	1	25	2	RM52LHTA521-62	57-22-00	1	21	2
PS6SM10DL20GY	21-40-00	1	34	4	RM52LHTA57-62	25-00-00	1	44	4
	25-00-00	1	3	4		25-00-00	1	46	6
	25-00-00	1	12	1	RN-4-125	39-10-00	1	33	4
	25-00-00	1	14	1		39-10-00	1	37	4
	25-00-00	1	27	4		39-10-00	1	37	4
PS8C16DL01BK	53-20-02	3	28	2		39-40-01	1	15	1
PS8SM8DLO2GY	25-00-00	1	26	4	RPA52-018-500	27-40-03	4	2	1
	25-00-00	1	26	5	RPA52-022-0625	27-40-03	4	3	1
PS8SM8DS01BG	25-00-00	1	26	2	RPA52-028-125-0625				
PSW4SM10DL01BK	39-10-01	2	15	4		25-10-00	1	32	2
PSW8C10DL01BK	39-10-01	2	17	2		25-20-01	2	4	4
PSW8SM12DLO1BK	39-10-01	2	2A	1		25-20-01	2	8	4
PU300DW73	30-10-00	1	15	1		25-20-01	2	10	2
PU300EW72	30-10-00	1	14	1	RPA52-028-125-0625				
PVC	25-00-00	1	8	AR		32-30-00	1	16	2
	25-00-00	1	27	AR		32-30-00	1	22	4
PVC-105	39-40-00	1	8	AR	RPA52-028-125-0687				
PVC105/2	24-40-00	1	14	1		27-30-00	1	13	4
QS100-16S	71-00-00	1	18	2		27-30-00	1	22	1
QS100M24S	21-40-00	1	27	1		27-30-00	1	31	4
	21-60-00	1	4	4		27-20-00	1	46	2

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PART NO.	CH-SEC-SUB	FIG	ITEM	TTL	PART NO.	CH-SEC-SUB	FIG	ITEM	TTL
RPA52-028-125-0687					SJ3463	26-20-00	1	5	4
	27-20-00	1	52	4	SJ3536	39-10-01	2	21	AR
	27-20-00	1	55	4	SJ-3536	25-20-02	3	2	AR
	32-30-00	1	54	2		25-20-02	3	4	AR
RPA52-028-125-0750					SJ3537	39-10-01	2	5	AR
	25-10-00	1	35	2	SJ-3537	25-20-02	3	2	AR
	25-10-00	1	42	1		25-20-02	3	4	AR
	32-30-00	1	14	2	SJ3541	25-00-00	1	1	2
RPA52-028-125-1.125						25-00-00	1	33	AR
	27-20-00	1	56	4		25-00-00	1	40	AR
	27-30-00	1	17	4		25-00-00	1	43	AR
RPA52-028-125-1000					SJ3542	25-00-00	1	2	2
	25-10-00	1	43	1		25-00-00	1	33	AR
	25-10-00	1	45	1		25-00-00	1	38	AR
	25-10-00	1	49	1		25-00-00	1	44	AR
RPA52-028-125-1125					SKR-9	28-20-00	1	12	1
	27-40-00	1	24	1	SMB003-0200-9	33-40-01	2	7	2
	27-40-00	1	28	2		53-10-04	5	15	1
	27-40-00	1	34	1		53-10-04	5	17	6
RTV	21-40-00	1	1	AR	SMOKE IZIT	25-00-00	1	3	AR
RTV108	27-00-00	1	11	AR		25-00-00	1	3	AR
RTV-108	21-40-00	1	2A	AR		25-00-00	1	27	AR
	71-60-00	1	25	AR		25-00-00	1	29	AR
RV4NAYSD101A	95-30-02	3	4	1		25-00-00	1	30	AR
S0105	30-10-00	1	13	1		25-00-00	1	33	AR
S-1028	53-20-02	3	19	1	SONALERT	25-00-00	1	44	2
	53-20-02	3	21	1	SS-400-1-2	35-00-00	1	38	3
S-1029	53-20-02	3	19	1	SS-400-6-4AN	35-00-00	1	35	2
	53-20-02	3	21	1	SST1.5S	24-20-00	1	10	AR
S1201-12	30-10-00	1	12	1	SST-2	71-00-00	1	-	AR
	30-10-00	1	20	2	SST-2-2	95-40-00	1	4	AR
	30-10-00	1	21	1	SST25	34-10-00	1	22	1
	30-10-00	1	34	2	SST2S	21-60-00	1	3	4
	30-10-00	1	46	1		21-60-00	1	14	4
S1201-20	30-10-00	1	24	2	SST-4	21-60-00	1	29	REF
	30-10-00	1	32	2		53-10-03	4	1	1
	30-10-00	1	33	2		53-10-03	4	1	1
	30-10-00	1	46	1	SST-4S	21-60-00	1	25	3
S404	21-50-00	1	79	AR	SW53AA2	27-00-00	1	12	1
	21-50-00	1	79	AR	T12T	71-00-01	2	24	1
	21-50-00	1	93	1		71-00-01	2	25	1
S895-08015	35-00-00	1	1	1		71-00-01	2	26	1
SA-1	95-10-00	1	-	1	T30M-9	27-60-00	1	12	12
SA1BV20	27-00-00	1	12	1	TAS100	95-40-00	1	1	5
	27-00-00	1	12	1	TAS101	95-40-00	1	1	1
SA31SET12-1	27-00-00	1	11	1	TAS300	95-40-00	1	1	1
SB1DDX492-2	32-30-01	2	57	1	TFT-200/16	39-10-01	2	11	AR
	39-10-00	1	35	1	TRB-1018	25-10-00	1	46	2
	39-10-02	1	17	1	TTF135132	30-10-00	1	12	AR
SB-500-6	95-30-02	3	3	1		30-10-00	1	34	AR
SE-1	95-10-00	1	-	1		30-10-00	1	46	AR
SFS4SM6DL20GY	25-00-00	1	16	1	TTF135134	30-10-00	1	24	AR
SFSW6SM10DG20GY						30-10-00	1	32	AR
	25-00-00	1	18	2		30-10-00	1	33	AR
SFSW8C-6DL01BK	27-00-00	1	11	1	TTF135177	30-10-00	1	36	AR
SJ-3401	25-00-03	4	13	AR	TTF135226	30-10-00	1	45	AR
SJ-3402	25-00-03	4	13	AR	TYB-2315M	39-40-00	1	6	12
SJ3463	25-20-01	2	37	8	TYB-23M	32-40-01	2	31	8

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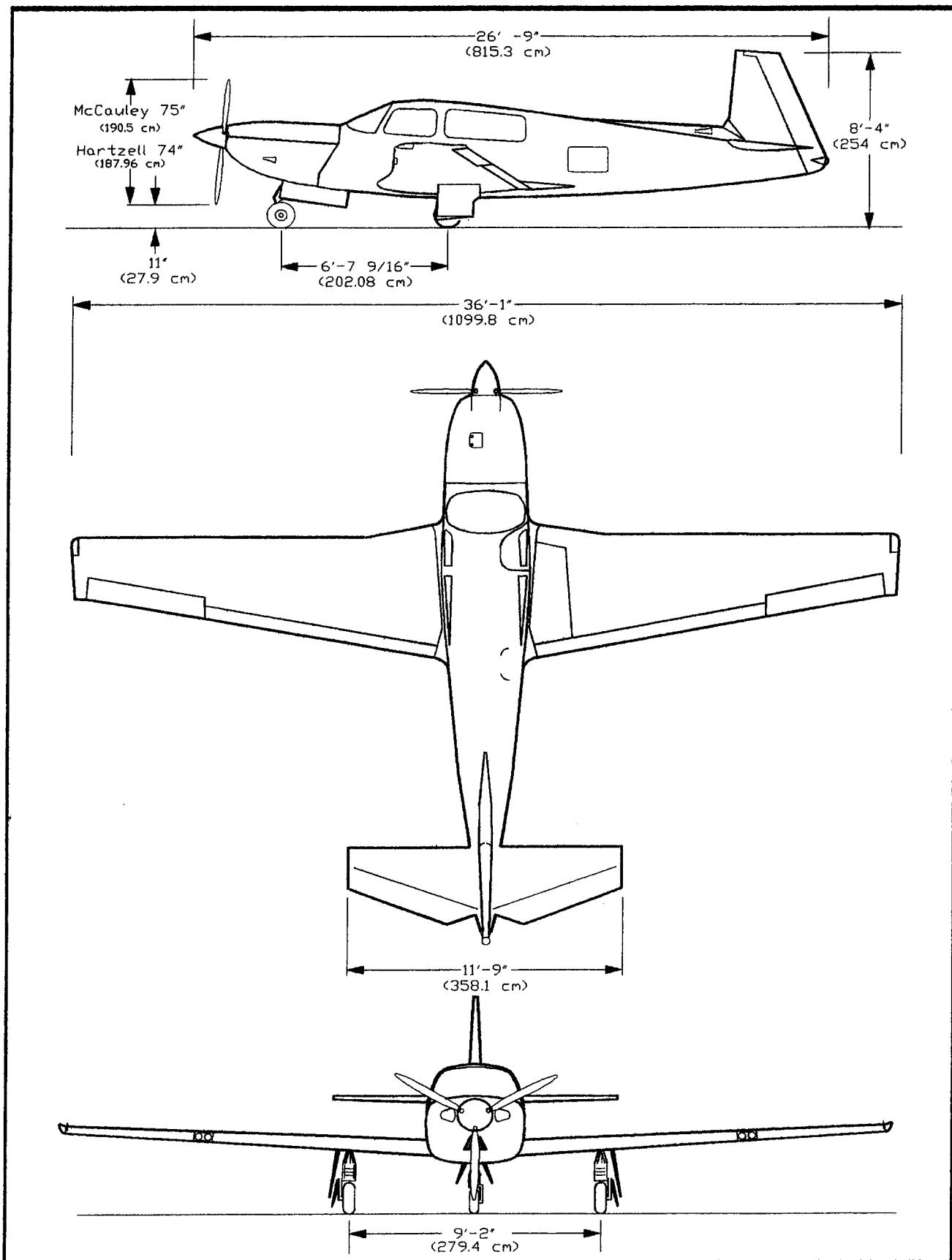
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TYPE CV	21-40-00	1	10	AR	ZN101-12	30-10-00	1	21	1
U250-0110	25-10-01	2	-	1		30-10-00	1	46	1
U62	39-40-00	1	6	6	ZN101-20	30-10-00	1	32	1
UI5035-P24	39-10-02	1	14	1		30-10-00	1	33	2
UI5035-P50	39-10-02	1	14	1	ZN4855	30-10-00	1	32	1
UI5035P-P24	39-10-00	1	20	1		30-10-00	1	33	2
UI5035P-P50	39-10-00	1	20	1	ZN4856	30-10-00	1	12	1
UI5934PA-1	39-10-02	1	14	1		30-10-00	1	19	1
UI5934PA-1 (A-184)	39-10-00	1	20	1		30-10-00	1	20	1
UI5934PA-3	39-10-00	1	20	1		30-10-00	1	21	1
	39-10-02	1	14	1		30-10-00	1	46	1
UI5934PAD-1(A-186)	39-10-00	1	20	1	ZN6079	30-10-00	1	19	1
	39-10-02	1	14	1		30-10-00	1	20	3
UI5934PAM-1(A-185)	39-10-00	1	20	1		30-10-00	1	21	1
	39-10-02	1	14	1	ZN6235	30-10-00	1	19	1
UI7000-C.83	39-10-00	1	21	1	ZN6261	30-10-00	1	20	2
	39-10-02	1	15	1					
UI7120-C.81	39-10-00	1	21	1					
	39-10-02	1	15	1					
UI7130-C.82	39-10-00	1	21	1					
	39-10-02	1	15	1					
V-3	27-50-00	1	25	2					
V3-1	27-40-03	4	17	2					
	27-50-00	1	22	2					
V3-2451-D8	57-30-00	1	45	1					
V713	71-60-00	1	35	1					
VR536	39-10-00	1	23A	1					
W0734-009	52-10-00	1	42	1					
	52-30-00	1	27	1					
W1283	57-22-00	1	12	2					
W1284-G	57-22-00	1	10	1					
W1284-R	57-22-00	1	10	1					
W1285-2	57-22-00	1	13	2					
W1290-28	57-22-00	1	11	2					
W67RCSX-3	27-50-00	1	25	2					
WA2G056S502UA	27-40-02	3	4	1					
	27-40-03	4	6	1					
	27-50-01	2	8	1					
WP209A	30-10-00	5	29	2					
WRM-10R	33-40-04	5	1	1					
WRM-15	33-40-04	5	2	1					
WRM-1939	33-40-04	5	3	1					
WRM-20L	33-40-04	5	4	1					
WRM-25	33-40-04	5	7	1					
WRM-30	33-40-04	5	5	1					
WRM-35	33-40-04	5	8	1					
WRM-40	33-40-04	5	6	1					
WRM-65	33-40-04	5	9	1					
WRML-28	33-40-04	5	-	1					
WX1000	39-10-00	1	22	1					
WX1000+	39-10-00	1	22	1					
WX900	39-10-00	1	22	1					
WX-950	39-10-02	1	19	1					
X-200	55-00-00	1	20	AR					
Y16440-2-497	71-20-01	2	8	1					
	71-20-01	2	17	1					
Y9473	39-10-01	2	-	AR					
ZN101-12	30-10-00	1	12	1					

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SECTION FIG- ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1 -	110055	M20S GENERAL ASSEMBLY		REF
1 -	110071	M20R GENERAL ASSEMBLY		REF
1 -	010037	FLY-AWAY KIT (SEE 95-10-00)		REF
1 -	110021	WING/FUSELAGE ASSEMBLY (SEE 53-40-00)		REF
1 -	120063	FAIRING INSTALLATION (SEE 53-50-00)		REF
1 -	120086	M20R EXTERIOR PAINT SCHEME (SEE 11-10-00)	IV/	REF
1 -	120087	M20S EXTERIOR PAINT SCHEME (SEE 11-10-00)		REF
1 -	120088	M20R EXTERIOR PAINT SCHEME (SEE 11-10-00)	V/	REF
1 -	130250	INTERIOR DESIGN INSTALLATION (SEE 25-00-00)		REF
1 -	140220	SEAT ASSEMBLY & INSTALLATION, REAR (SEE 25-20-01)		REF
1 -	140320	SEAT COVER DESIGN & INSTALLATION (SEE 25-00-01)	I/	REF
1 -	140322	SEAT COVER DESIGN/ASSEMBLY. REAR, (SEE 25-20-01)		REF
1 -	140338	SEAT COVER DESIGN & INSTALLATION, FRONT/REAR (SEE 25-00-01)	II/	REF
1 -	150080	DECALS & PLACARDS INSTL (EXTERNAL/INTER.)(SEE 11-20-00 & 11-30-00)		REF
1 -	170015	INSULATION, SEAL & SOUND PROOFING INSTALLATION (SEE 25-20-00)		REF
1 -	170018	INSULATION SOUND-DEADENING INSTALLATION (SEE 25-20-00)		REF
1 -	210379	HINGE FAIRING & INSTALLATION (SEE 53-50-00)		REF
1 -	210418	M20R REFLECTOR INSTALLATION, TAXI LIGHT (SEE 33-40-01)	III/	REF
1 -	340242	CONSOLE ASSEMBLY & INSTALLATION (SEE 53-20-02)		REF
1 -	350154	BAGGAGE DOOR INSTALLATION (SEE 52-30-00)		REF
1 -	350160	TAILCONE ASSEMBLY (SEE 53-10-03)		REF
1 -	350203	CHARLIE WEIGHT INSTALLATION (SEE 08-00-00)		REF
1 -	480005	EMPENNAGE ASSEMBLY (SEE 55-00-00)		REF
1 -	520022	MAIN GEAR ASSEMBLY & INSTALLATION (SEE 32-10-00)		REF
1 -	540008	NOSE GEAR ASSEMBLY & INSTALLATION (SEE 32-20-00)		REF
1 -	540018	INDICATOR INSTALLATION (SEE 32-20-00)		REF
1 -	550032	NOSE GEAR DOOR ASSEMBLY & INSTALLATION (SEE 32-21-00)		REF
1 -	550073	ACTUATOR SYSTEM/INBOARD GEAR DOOR (SEE 32-11-00)		REF
1 -	550078	MAIN GEAR DOOR ASSEMBLY & INSTALLATION (SEE 32-11-00)		REF
1 -	550088	INBOARD GEAR DOOR ASSEMBLY & INSTALLATION (SEE 32-10-00)		REF
1 -	550091	MIDDLE GEAR DOOR ASSEMBLY & INSTALLATION (SEE 32-11-00)		REF
1 -	560260	LANDING GEAR RETRACTION SYSTEM/RIGGING (SEE 32-30-00)		REF
1 -	600270	POWER PLANT INSTALLATION (SEE 71-00-00)		REF
1 -	610193	FUEL SYSTEM INSTALLATION (SEE 28-20-00)		REF
1 -	610206	M20S STANDPIPE INSTALLATION, FUEL CELL (SEE 28-20-00)		REF
1 -	630109	ENGINE EXHAUST SYSTEM (SEE 71-00-00)		REF
1 -	640123	FRESH AIR SYSTEM INSTALLATION (SEE 21-40-00)		REF
1 -	640157	OVERHEAD DUCT & VENT SYSTEM (SEE 21-60-00)		REF
1 -	650155	COWLING ASSEMBLY & INSTALLATION (SEE 71-10-00)		REF
1 -	660230	ENGINE INSTRUMENTATION		REF
1 -	700023	RUDDER/AILERON INTERCONNECT ASSEMBLY & INSTL (SEE 27-10-00)		REF
1 -	710030	ELEVATOR CONTROL SYSTEM AFT (SEE 27-30-00)		REF
1 -	710068	AILERON & ELEVATOR CONTROL SYSTEM, FORWARD (SEE 27-10-00)		REF
1 -	720000	RUDDER, BRAKE, NOSE WHEEL CONTROL SYSTEM (SEE 27-20-00)		REF
1 -	740000	TRIM CONTROL INSTALLATION (FWD,AFT)(SEE 27-40-00 & 27-40-01)		REF
1 -	740200	Rudder Trim Installation (SEE 27-40-03)		REF
1 -	740247	ELEVATOR TRIM INDICATOR INSTALLATION (SEE 27-40-02)		REF
1 -	750110	ACTUATOR ASSEMBLY & INSTALLATION, WING FLAP (SEE 27-50-00)		REF
1 -	800312	M20R ELECTRICAL INSTALLATION - 28V (SEE M20R SERVICE AND MAINTENANCE MANUAL SECTION 91)		REF
1 -	800390	M20S ELECTRICAL INSTALLATION - 28V (SEE M20S SERVICE AND MAINTENANCE MANUAL SECTION 91)		REF
1 -	820202	EXHAUST GAS TEMPERATURE (EGT) INSTALLATION		REF

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MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG- ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1 -	820252	PITOT STATIC SYSTEM & INSTALLATION (SEE 34-10-00)		REF
1 -	820329	INSTRUMENT PANEL ASSEMBLY & INSTALLATION (SEE 53-10-04)		REF
1 -	820337	M20R INSTRUMENT INSTALLATION (SEE 39-10-00)		REF
1 -	820340	M20S INSTRUMENT INSTALLATION (SEE 39-10-02)		REF
1 -	850109	HYDRAULIC BRAKE SYSTEM & INSTALLATION (32-40-01)		REF
1 -	860015	VACUUM SYSTEM & INSTALLATION (SEE 37-00-00)		REF
1 -	950257	OPTIONAL EQUIPMENT (SEE 95-00-00)		REF

EFFECTIVITIES:

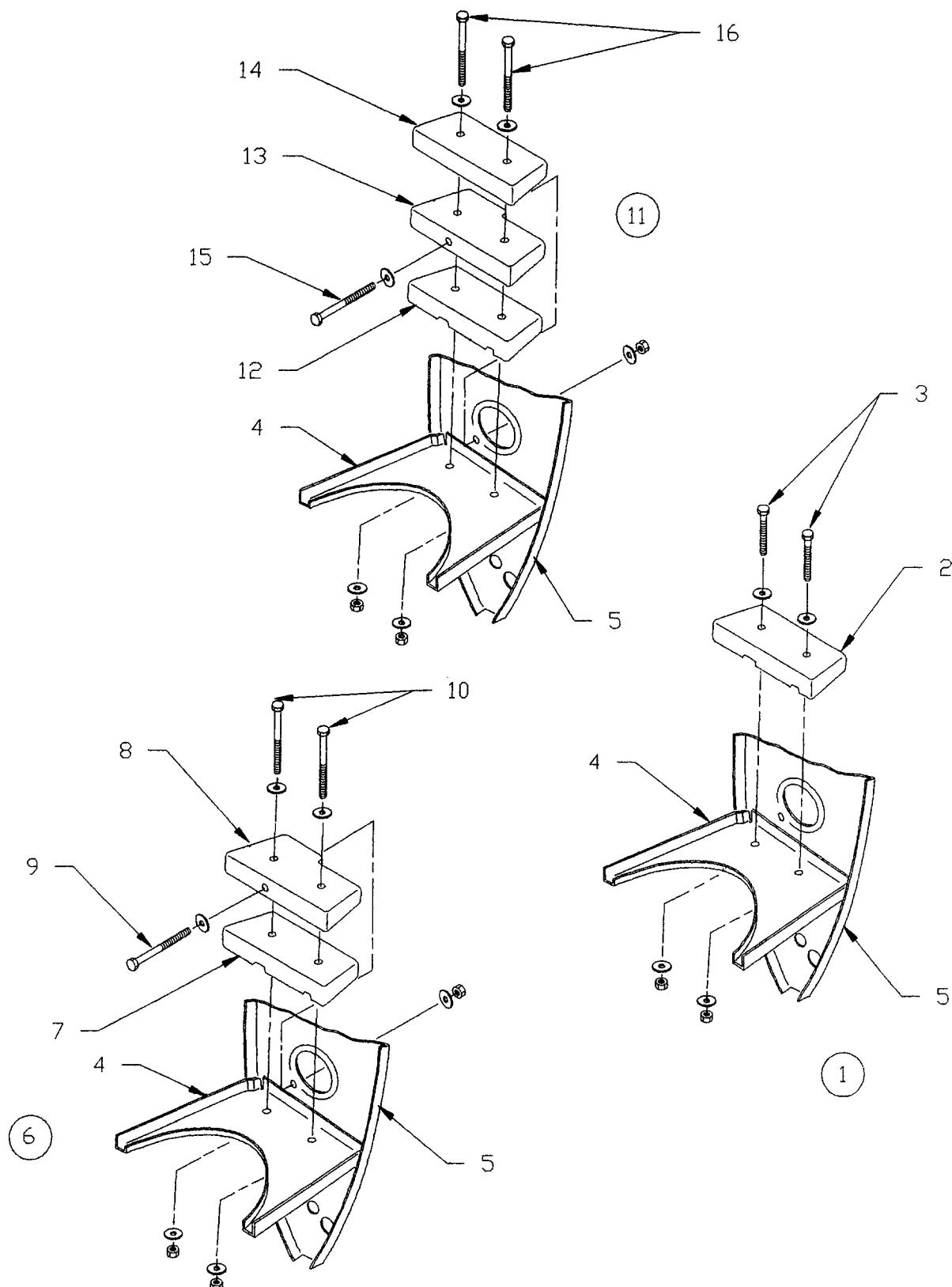
- I 29-0013 THRU 29-0075
- II 29-0076 THRU 29-TBA
- III 29-0001 THRU 29-0150
- IV 29-0001 THRU 29-0169
- V 29-0170 THRU 29-TBA

MOONEY AIRCRAFT CORPORATION
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SECTION FIG- ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY

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MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG



R08-0000

FIGURE 1 - CHARLIE WEIGHT INSTALLATION

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

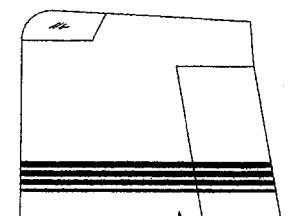
SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
08-00-00				
1- -	350203	CHARLIE WEIGHT INSTALLATION (SEE 00-00-00)		REF
1- 1	350203-501	.CHARLIE WEIGHT ASSEMBLY		1
1- 2	350203-001	..WEIGHT (6 lbs)		1
1- 3	AN4-13A	..@BOLT		2
1- 3	AN970-4	..@WASHER		4
1- 3	AN363-428	..@NUT	/1	2
1- 4	350069	PLATE, TAILCONE (SEE 53-10-03)		REF
1- 5	350070	BULKHEAD, TAILCONE (SEE 53-10-03)		REF
1- 6	350203-503	.CHARLIE WEIGHT ASSEMBLY		1
1- 7	350203-001	..WEIGHT (6 lbs)		1
1- 8	350203-003	..WEIGHT (7 lbs)		1
1- 9	AN3-41A	..@BOLT		1
1- 9	AN970-4	..@WASHER		2
1- 9	AN363-428	..@NUT		1
1- 10	AN4-21A	..@BOLT		2
1- 10	AN970-4	..@WASHER		4
1- 10	AN363-428	..@NUT	/1	2
1- 11	350203-505	.CHARLIE WEIGHT ASSEMBLY		1
1- 12	350203-001	..WEIGHT (6 lbs)		1
1- 13	350203-003	..WEIGHT (7 lbs)		1
1- 14	350203-005	..WEIGHT (6 lbs)		1
1- 15	AN4-41A	..@BOLT		1
1- 15	AN970-4	..@WASHER		2
1- 15	AN363-428	..@NUT		1
1- 16	AN4-27A	..@BOLT		2
1- 16	AN970-4	..@WASHER		4
1- 16	AN363-428	..@NUT	/1	2

NOTES:

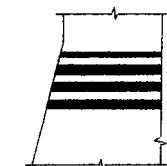
1. AN363-428 NUT MAY BE REPLACED BY ATTACHING RM52LHTA521-048BC ANCHOR NUT TO 350069 PLATE.

MOONEY AIRCRAFT CORPORATION
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EXTERIOR COLOR SELECTIONS
29-0001 THRU 29-0169



WING TIP



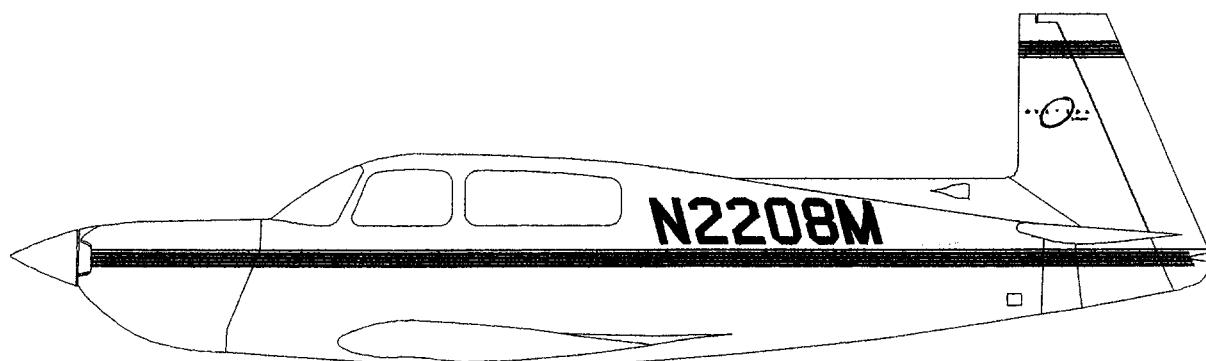
WING WALK
 (STRIPE TYPICAL FOR
 AIRCRAFT WITH DARK
 PAINTED BOTTOM ONLY)



FUSELAGE
 STRIPES



WING TIP (TOP ONLY)
 (CONSTANT CONFIG)
 VERT STAB STRIPES
 (PER NOTE ***)



TRIM COLOR	PART NUMBER	WING WALK & DECALS	PART NUMBER
POST RED	* TR-10030	FLEX TREAD	120066-001
WESTON BLUE	* TQ-10126	FLEX TREAD	120066-003
BALBOA BLUE	* TQ-10122	(DARK, MEDIUM OR LIGHT COLOR) OVATION DECAL	150087-001
CHARCOAL GRAY	* TA-10080		
COMMERCIAL GREEN	* TR10131		
GRAY	* TA-10018		
CLARET	* WS-550		
STARLITE SILVER	** HE-10504		
ANTIQUE GOLD	** HD-10512		
BLACK VELVET	* TR20510		
VENDETTA RED	* WR231		
BASE COLOR	PART NUMBER		
WHITE	* WP838 * WP696		

*PRATT & LAMBERT, BOX 2153, WICHITA, KS 67201. (PH: 1-800-835-2854)

** DUPONT DE NEMOURS & CO. EI FINISHES DIV, WILMINGTON, DE 19898

*** STRIPE DIRECTION SHOWN REPRESENTS AIRCRAFT HAVING DARK TOP PAINT SCHEME

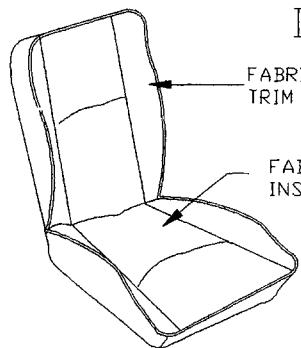
REVERSE DIRECTION FOR AIRCRAFT HAVING DARK BOTTOM.

R111000A

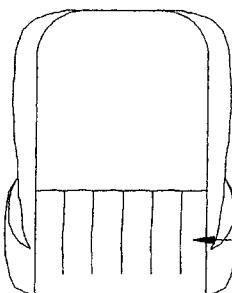
FIGURE 1 - EXTERIOR/INTERIOR TRIM

MOONEY AIRCRAFT CORPORATION
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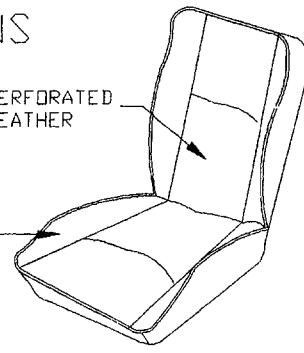
INTERIOR COLOR SELECTIONS



ALL FABRIC



NOTE: SEAT PATTERNS MAY DIFFER



ALL LEATHER

LEATHER	NOTE	PART NUMBER	FABRIC INSERT & TRIM	NOTE	PART NUMBER
TAN	1	848 BUFF (BERKSHIRE)	BLUE	7	FC6151
LIGHT TAN	8	MORENA B1 AERO-TERN		4	DOT 107 (COBALT)
BLUE	3	SKN 2112 (DUSK)		9	04185.2061 BULL'S EYE NAVY (CAROUSEL)
	8	MORENA B1 AERO-IBIS	BURGUNDY	4	DOT 103
	1	824 SLATE BLUE(BERKSHIRE)		7	#4126
	1	927 BLUEBERRY(CARESSA)		9	04185.2031 CANDY APPLE (CAROUSEL)
	1	627 MEDITERRANEAN(CHATHAM)	GENEVA-MOCHA	7	STOCK #129
	3	SKN 7432	BEIGE	12	0908 WOOL(EUROSTRETCH)
LIGHT GRAY	8	MORENA B1 AERO-SPARROW	GREEN	12	570/0103 PEBBLES
	6	8592 HERITAGE CUSTOM	GRAY	12	570/0111 PEBBLES
	1	817 PUTTY(BERKSHIRE)		4	0301 WOOL (EUROSTRETCH)
	1	861 ALLOY(BERKSHIRE)		7	0159 LIGHT GRAY
	1	616 SEAFOG (CHATHAM)		9	4185-091 SMOKE (CAROUSEL)
DARK GREY	1	857 ELEPHANT(BERKSHIRE)		9	04185.2080 HIGH WIRE BLACK(CAROUSEL)
	1	645 THUNDERCLOUD(CHATHAM)		7	4191 MED. DARK OPAL
	3	SKN 7431 VIOLET	CARPET	NOTE	PART NUMBER
	8	MORENA B1 AERO-CRANE	TAN	2	BAYPOINT/B1 ANTIQUE LACE #1
	3	SKN 2161 CLARET		10	4129 ABETONE
BURGUNDY	8	MORENA B1 AERO-CRANE		13	AIRWAY #15 FIELDSTONE 100% WOOL 105 oz.
	1	844 BURGUNDY(BERKSHIRE)		13	AIRWAY #15 FIELDSTONE 100% WOOL 90 oz
	1	820 REDWOOD(BERKSHIRE)	BURGUNDY	2	BAYPOINT/B1 PORT WINE #28
IVORY	3	SKN 2470	BLUE	10	1092 ABETONE
	IMITATION LEATHER				
BLUE	5	7970		2	BAYPOINT/B1 NAPOLEON BLUE #23
BURGUNDY	5	3790	LIGHT GRAY	10	2515 ABETONE
TAN	11	3455 MILKWEED(ULTRA-LEATHER)		2	BAYPOINT/B1 PUTTY GRAY #30
	14	ROMANTICA SAFARI FAUX	DARK GRAY	10	5340 ABETONE
DARK GREY	5	8750		13	AIRWAY #20 100% WOOL 105 oz.
LIGHT GREY	5	8220		2	BAYPOINT/B1 PURE GRAY #29
	11	5681 SMOKE(ULTRA-LEATHER)		10	5260 ABETONE
	14	ROMANTICA PORCELAIN FAUX			

NOTES

1. GARRETT LEATHER, 1865 KENMORE AVE., KENMORE, N.Y.
2. KBS AIRPARTS, DIV. KANSAS BUILDING SUPPLY, 707 S. WASHINGTON, WICHITA, KANSAS 67211
3. AMERICAN LEATHER, 2195 ELIZABETH AVENUE, RAHWAY, N.J., 07065.
4. MARION AIRCRAFT, 48 SANTA ANITA AVE., P.O. BOX 71, BURBANK CA. 91503
5. MICRO FIBRES INTRNL OF ESQUEL INDUSTRIES LTD., 4B, CH. DU RESERVOIR-CH-1012, LAUSANNE SWITZERLAND
6. SKANDIA INC., TOWNSEND LEATHER CO., INC., 151 TOWNSEND AVE., P.O. BOX 669, JOHNSTOWN, N.Y. 12095
7. DETROIT BODY PRODUCTS, 49750 MARTIN DR., WIXOM, MI. 48096
8. C.A. SCHMIDT LEADER LTD., 645 MCKAY DR. SUITE 103, HIGHPOINT, N.C. 27263
9. GILFORD OF MAINE, P.O. BOX 179, GUILFORD, ME. 04443
10. SKANDIA INC., UNICO CARPET CO., 5051 SHARP ST. DALLAS, TX. 75247
11. TAPIS CORP., 40 RADIO CIRCLE, MOUNT KISCO, N.Y. 10549
12. G BAKER STEEVES CORP., 480 E. 76th AVE., UNIT B, DENVER, COLO. 80229
13. SANDPIPER INTERIORS, 1970 S.W. STREET, SUITE 335, WICHITA, KANSAS 67213
14. HEMISPHERE, GRAND RAPIDS, MICHIGAN

NOTE: LEATHER PERFORATED WHEN SPECIFIED BY: PERFORATING IND. INC. 606 COMMERCE RD., LINDEN, N.J. 07036,
USING PATTERN NO. 059-0312D.

R111000B

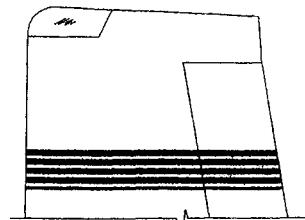
FIGURE 1 - EXTERIOR/INTERIOR TRIM

11-10-00

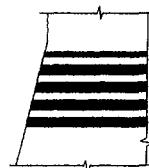
**Page 1
2000**

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

EXTERIOR COLOR SELECTIONS
29-0170 THRU 29-TBA



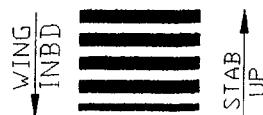
WING TIP



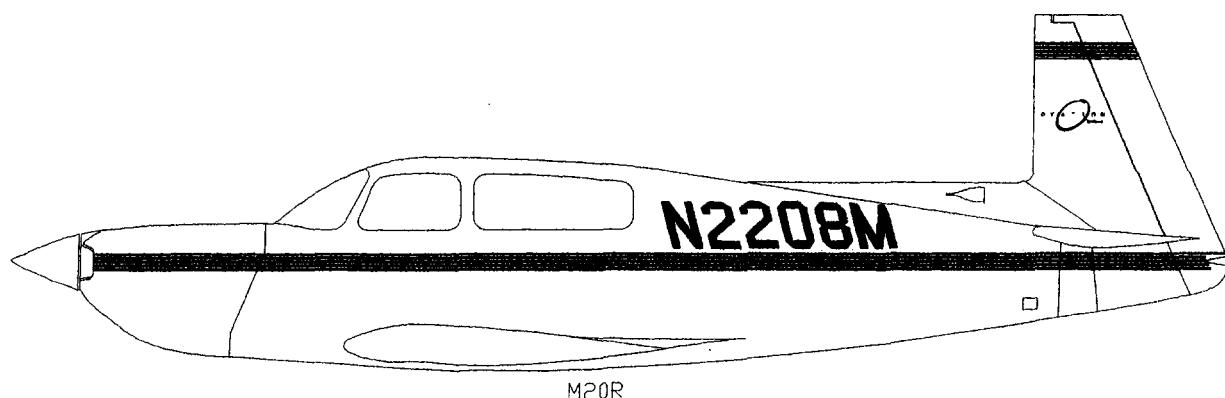
WING WALK
 (STRIPE TYPICAL FOR
 AIRCRAFT WITH DARK
 PAINTED BOTTOM ONLY)



FUSELAGE
 STRIPES



WING TIP (TOP ONLY)
 (CONSTANT CONFIG)
 VERT STAB STRIPES
 (PER NOTE ***)



M20R

TRIM COLOR	PART NUMBER	WING WALK & DECALS	PART NUMBER
POST RED	* TR-10030	FLEX TREAD	120066-001
WESTON BLUE	* TQ-10126	FLEX TREAD	120066-003
BALBOA BLUE	* TQ-10122	(DARK, MEDIUM OR LIGHT COLOR) OVATION DECAL	150087-001
OCEAN BLUE	* HR-10592		
COMMERCIAL GREEN	* TR10131		
GRAY	* TA-10018		
LIGHT GRAY	* TP-10003		
CHARCOAL GRAY	* TA-10080		
STARLITE SILVER	** HE-10504		
ANTIQUE GOLD	** HD-10512		
BLACK VELVET	* TR20510	BASE COLOR	PART NUMBER
VENDETTA RED	* WR231	WHITE	* WP838
CLARET	* WS-550		* WP696
PLUM	* HT-10718		

*PRATT & LAMBERT, BOX 2153, WICHITA, KS 67201. (PH: 1-800-835-2854)

** DUPONT DE NEMOURS & CO. EI FINISHES DIV, WILMINGTON, DE 19898

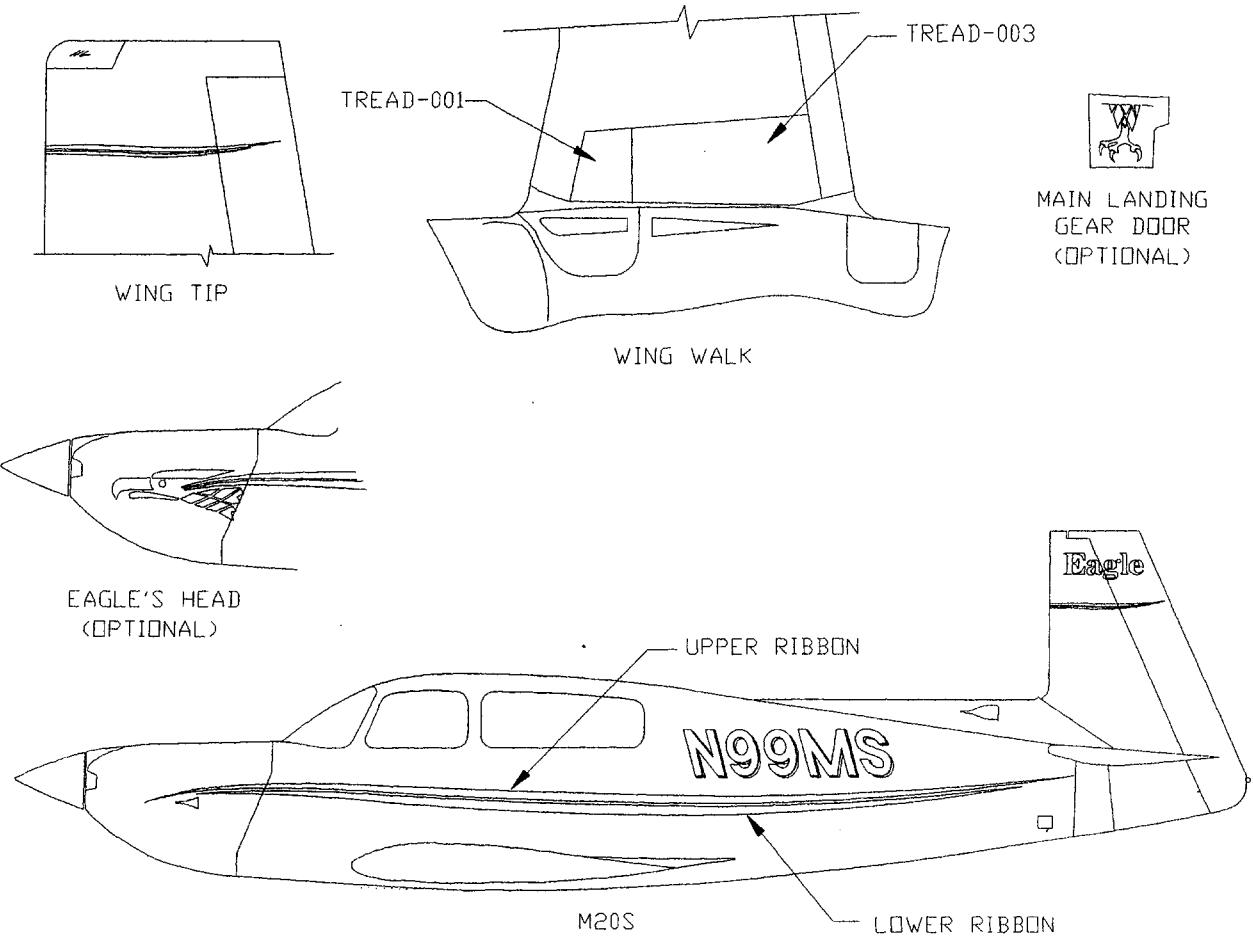
*** STRIPE DIRECTION SHOWN REPRESENTS AIRCRAFT HAVING DARK TOP PAINT SCHEME
 REVERSE DIRECTION FOR AIRCRAFT HAVING DARK BOTTOM.

R111000C

FIGURE 1 - EXTERIOR/INTERIOR TRIM

**MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG**

**EXTERIOR COLOR SELECTIONS
30-0001 THRU 30-TBA**



TRIM COLOR	PART NUMBER	METALLIC COLORS	PART NUMBER	BASE COAT	PART NUMBER
RED	TQ-10014	DIAMOND SILVER	HT-10639	GRAYSTONE	WP-405
POST RED	TR-10030	TITANIUM	HT-10679	WHITE	TP-10049
FIRE RED	TR-10095	CUMULUS GRAY	HS-10680	OFF WHITE	TP-10072
ORANGE	TR-10098	PHANTOM GRAY	HQ-10683	BRIGHT WHITE	TP-10008
SHELL YELLOW	TS-10109	BLACK VELVET	HP-10684		
BALBOA BLUE	TQ-10122	HARVEST GOLD	HT-10653		
ROYAL BLUE	TP-10011	IMPERIAL RED	HS-10702		
BLUE	TQ-10128	PAISLEY	HT-10699		
TURQUOISE	TQ-10082	LIGHT BURGUNDY	HR-10629		
GREEN	TQ-10134	WINE	HS-10628		
LIME GREEN	TR-10135	STEEL BLUE	HS-10586		
DARK GRAY	TP-10017	MING BLUE	HS-10714		
LIGHT GRAY	TP-10003	NAVY BLUE	HR-10713		
TAN	TP-10117	APRIL GREEN	HR-10620		
				WING WALK	PART NUMBER
				FLEX TREAD	120066-001
				FLEX TREAD	120066-003

PRATT & LAMBERT, BOX 2153, WICHITA, KS 67201. (PH: 1-800-835-2854)

COLORS LISTED HERE ARE JUST SOME OF THE COLORS AVAILABLE. CHECK YOUR ORDER SHEET TO VERIFY COLOR AND PART NUMBER THAT WAS SELECTED PREVIOUSLY.

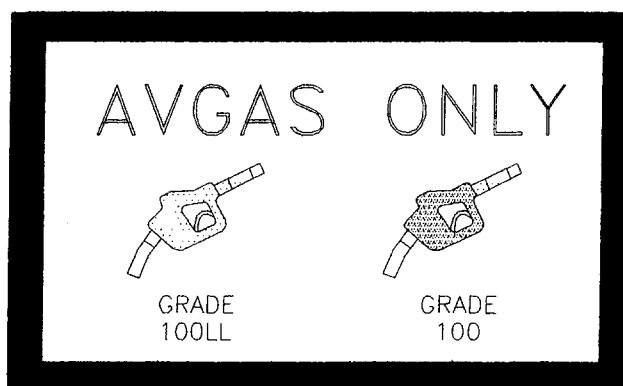
R111000D

FIGURE 1 - EXTERIOR/INTERIOR TRIM

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

1 NO STEP 2 HOIST POINT
 3 DO NOT PUSH 4 MAINTAIN
 LEVEL HERE

5
 IMPORTANT INSTRUCTIONS
 ALWAYS ADD WATER-NEVER ADD ACID.
 NEVER FILL OVER BAFFLE NOR MORE THAN
 1/4" OVER THE TOPS OF SEPARATORS.
 FULLY CHARGED SPECIFIC GRAVITY-1.275
 RECHARGE REQUIRED WHEN SP. GR. REACHES 1.225
 CHARGING RATES:
 START - 4 AMPERES FINISH - 2 AMPERES
 MAXIMUM TEMPERATURE ON CHARGE-120 DEG. F (49 DEG C)
 KEEP CHARGED - PREVENT FREEZING
 CARE SHOULD BE TAKEN NOT TO SPILL BATTERY
 ACID WHEN SERVICING OR REMOVING BATTERY



7 9
 STATIC DRAIN FUEL DRAIN
 8 10
 PITOT DRAIN GASCOLATOR
 DRAIN

11
 TIRE PRESSURE 42 PSI (2.95 Kg/cm²)

13
 ENGINE OIL
 OIL INSTALLED IN THIS ENGINE IS:

 NEXT OIL CHANGE IS DUE AT HRS.
 (USE GREASE PENCIL) TACH TIME

12
 TIRE PRESSURE 49 PSI (3.44 Kg/cm²)

16
 FUEL-100(GREEN) OR
 100LL(BLUE) MIN OCT.
 44.5 U.S. GAL USABLE
 168.5 LITERS USABLE

14
 MAGNETIC AZIMUTH
 TRANSMITTER
 LOCATED INSIDE THIS INSPECTION
 COVER. USE ONLY NON-MAGNETIC
 SCREWS FOR COVER INSTALLATION.

R11-20-1

FIGURE 1 - DECALS & PLACARDS / EXTERIOR

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

17

USE AVIATORS
OXYGEN ONLY

SEE PILOT'S OPERATING
HANDBOOK FOR
FILLING PRESSURES

18

28 VOLTS
ONLY

19

TOWING LIMITS

20

WARNING
DO NOT EXCEED
TOWING LIMITS



21

BOTH
BATTERIES
MUST BE
INSTALLED
FOR FLIGHT

R11-20-2

FIGURE 1 - DECALS & PLACARDS / EXTERIOR

11-20-00

Page 1
2000

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
11-20-00				
1- -	150080-511	PLACARD & DECAL INSTALLATION, EXTERNAL (SEE 00-00-00)		REF
1- 1	150080-6000	.NO STEP (BLACK)		6
1- 2	150080-6002	.HOIST POINT (BLACK)		2
1- 3	150080-6010	.DO NOT PUSH (WHITE)		2
1- 3	150080-6001	.DO NOT PUSH (BLACK)		2
1- 4	150080-6011	.MAINTAIN LEVEL HERE		1
1- 5	150080-6022	.IMPORTANT INSTRUCTIONS		1
1- 6	150080-6023	.AVGAS ONLY		2
1- 7	150080-6024	.STATIC DRAIN (WHITE)		1
1- 7	150080-6025	.STATIC DRAIN (ALT) (BLACK)		1
1- 8	150080-6026	.PITOT DRAIN (WHITE)		1
1- 8	150080-6027	.PITOT DRAIN (ALT) (BLACK)		1
1- 9	150080-6028	.FUEL DRAIN (WHITE)		2
1- 9	150080-6029	.FUEL DRAIN (ALT) (BLACK)		2
1- 10	150080-6030	.GASCOLATOR DRAIN		1
1- 10	150080-6031	.GASCOLATOR DRAIN (ALT)		1
1- 11	150080-6042	.TIRE PRESS 42 PSI		1
1- 11	150080-6043	.TIRE PRESS 42 PSI (OPT)		1
1- 12	150080-6044	.TIRE PRESS 49 PSI		1
1- 12	150080-6045	.TIRE PRESS 49 PSI (OPT)		1
1- 13	150080-6041	.ENGINE OIL		1
1- 14	150080-6050	.MAGNETIC AZIMUTH TRANSMITTER		1
1- 15		NOT USED		
1- 16	150080-6059	.FUEL, GALLONS/LITERS		2
1- 17	150080-4050	.USE AVIATOR OXYGEN (OPT)		1
1- 18	150080-621	.28 VOLTS ONLY		1
1- 19	150080-6035	.TOWING LIMITS		1
1- 20	150080-6036	.WARNING, TOWING LIMITS		1
1- 21	150080-6060	.BOTH BATTERIES MUST BE INSTALLED FOR FLIGHT		1

NOTES:

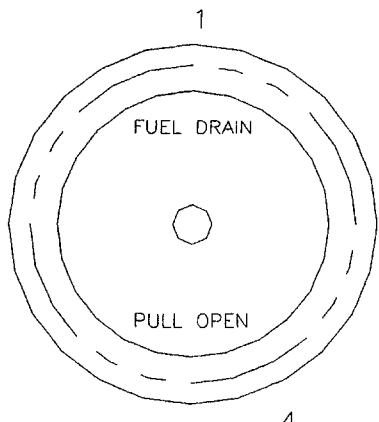
1. BLACK OR WHITE LETTERS ON PLACARDS AND DECALS ARE DETERMINED BY BASE COLOR OF AIRCRAFT WHERE PLACARDS OR DECALS ARE POSITIONED.

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

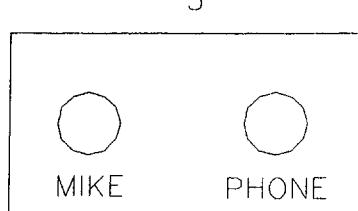
SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
---------------------	-------------	--------------------	------------------	----------------

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PAGE
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INTENTIONALLY

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

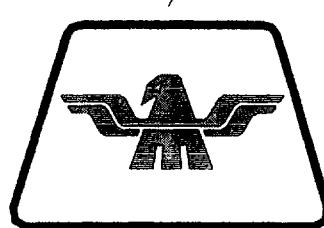
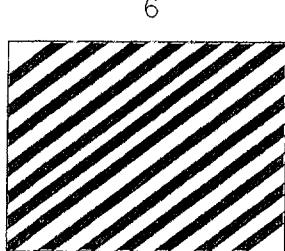


2 PUSH TO RELEASE

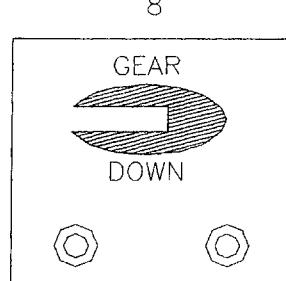


WARNING: DO NOT EXCEED 120 LBS
(54.4 Kg) IN THIS COMPARTMENT
SEE AIRCRAFT LOADING SCHEDULE DATA
FOR BAGGAGE COMPARTMENT ALLOWABLE

4 DO NOT EXCEED 10 LBS (4.5 Kg) IN THIS COMPARTMENT
USE FOR STOWAGE OF LIGHT SOFT ARTICLES ONLY
SEE AIRCRAFT LOADING SCHEDULE DATA
FOR BAGGAGE COMPARTMENT ALLOWABLE



OR



9

10

11

THROTTLE
PUSH INCREASE

PROP
PUSH INCREASE

MIXTURE
PUSH RICH

12 PULL FOR
ALTERNATE
STATIC SOURCE

13 WARNING:
DO NOT EXCEED 170 LBS
(77.1 Kg) ON THIS SEAT BACK.
SEE AIRCRAFT LOADING SCHEDULE DATA
FOR BAGGAGE COMPARTMENT ALLOWABLE

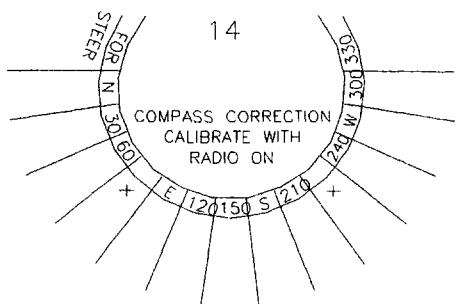


FIGURE 1 - DECALS AND PLACARDS / INTERNAL

**MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG**

15

DEFROST
PULL ON

16

CABIN HEAT
PULL ON

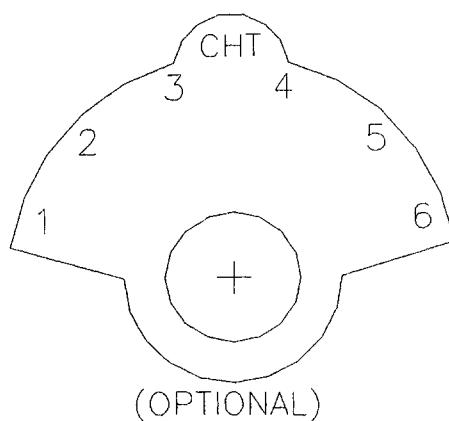
17

CABIN VENT
PULL ON

18

PARK BRAKE
PULL ON

21



22

PULL FOR ALT
STATIC SOURCE

26

DO NOT OPEN
ABOVE 129 KIAS

27

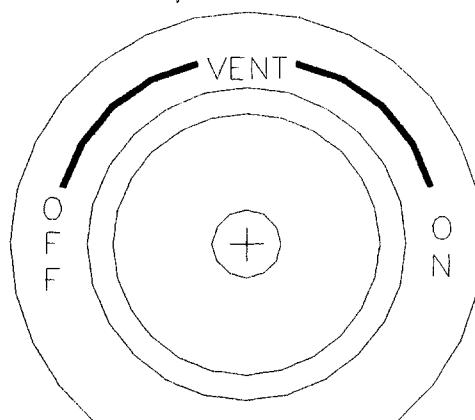
AUXILIARY EXIT
DO NOT OPEN IN FLIGHT
TO OPEN

1. PULL OFF COVER
2. PULL CABLE EXTRACTING LOCK PIN
3. ACTUATE HANDLE

TO CLOSE

1. STORE HANDLE
2. INSERT LOCK PIN
3. INSTALL COVER
4. CLOSE AND LATCH DOOR USING
OUTSIDE HANDLE
5. LOCK DOOR

28



R11-30-2

FIGURE 1 - DECALS AND PLACARDS / INTERNAL

11-30-00

**Page 1
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MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

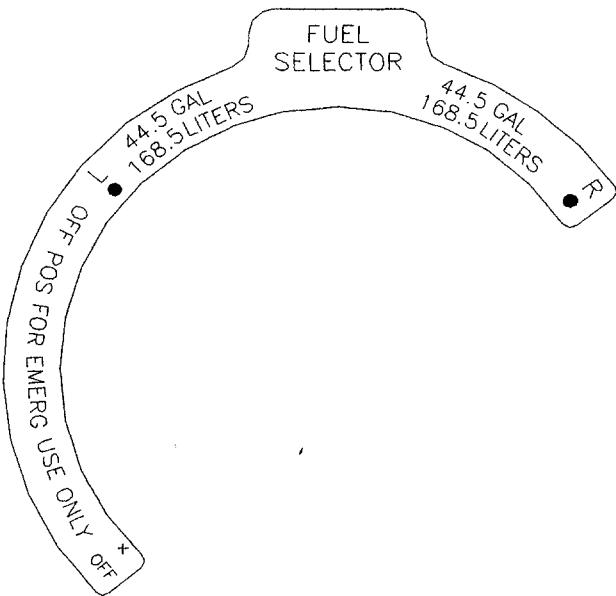
29

DUAL ADF	ADF 1 - GREEN
ADF 2 - YELLOW	(OPTIONAL)

32

ALT AIR PULL ON

34



35

FUEL FLOW MEMORY ON	MIKE ISOLATION ON	DME NAV 1	NAV1 IND VOR	INTERCOM NORMAL	DME AUDIO ON	A/P SEL NAV 1
ON <input checked="" type="checkbox"/>	ON <input checked="" type="checkbox"/>	NAV 2	LORAN	PRIVATE	OFF	NAV 2

(TYPICAL - PLACARDS WILL VARY
WITH AIRCRAFT CONFIGURATION)

30

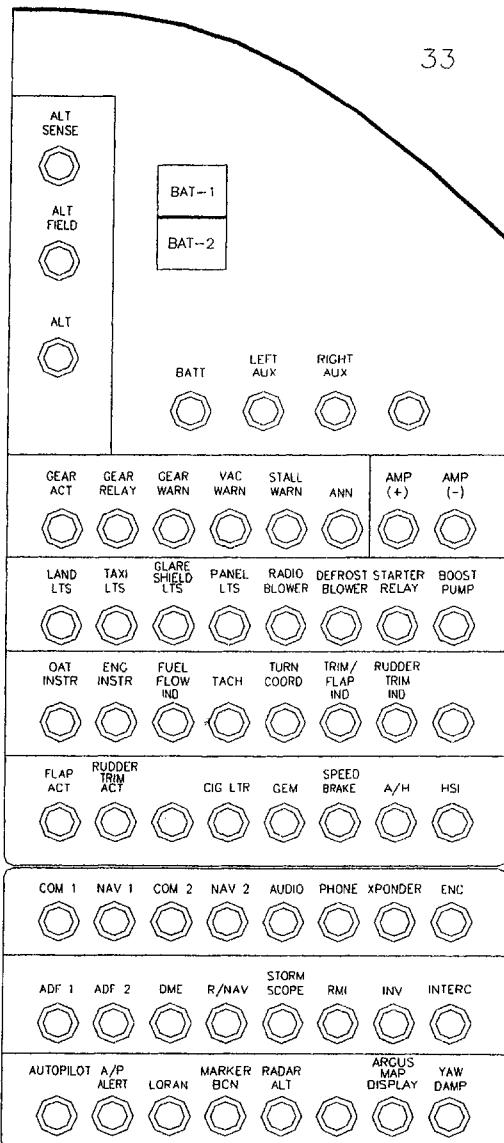
DME AUDIO ON
OFF

(OPTIONAL)

31

COM/NAV MEM ON
OFF

(OPTIONAL)



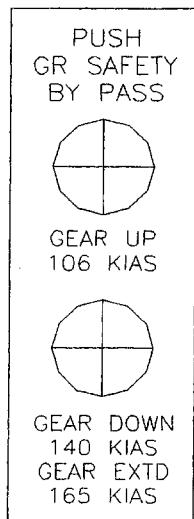
(TYPICAL PLACARD - WILL VARY
WITH AIRCRAFT CONFIGURATION)

R11-30-3

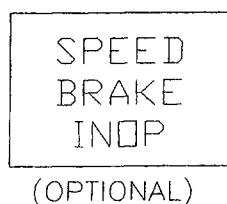
FIGURE 1 - DECALS AND PLACARDS / INTERNAL

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

36



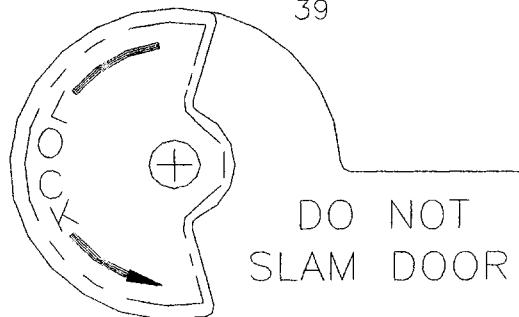
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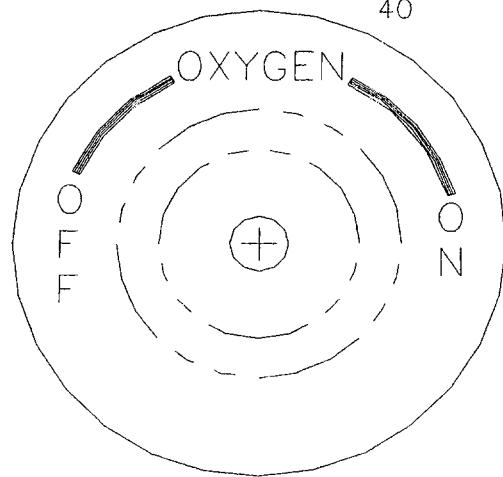
38

THIS A/C NOT CERTIFIED
FOR FLIGHT INTO KNOWN
ICING CONDITIONS

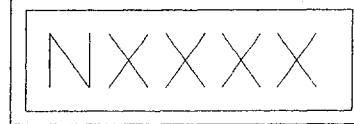
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40

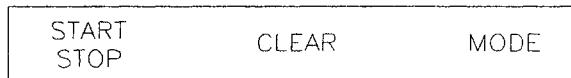


41



42
SPARE
(OPTIONAL)

45



R11-30-4

FIGURE 1 - DECALS AND PLACARDS / INTERNAL

11-30-00

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2000

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

48

OPERATING LIMITATIONS

THE MARKINGS AND PLACARDS INSTALLED IN THIS AIRPLANE CONTAIN OPERATING LIMITATIONS WHICH MUST BE COMPLIED WITH WHEN OPERATING THIS AIRPLANE IN THE NORMAL CATEGORY. THIS AIRPLANE IS CERTIFIED FOR DAY AND NIGHT VFR/IFR OPERATION WHEN THE REQUIRED EQUIPMENT IS INSTALLED AND OPERATIONAL. FLIGHT INTO KNOWN ICING CONDITIONS IS PROHIBITED. NO AEROBATIC MANEUVERS, INCLUDING SPINS ARE APPROVED. OTHER OPERATING LIMITATIONS WHICH MUST BE COMPLIED WITH WHEN OPERATING THIS AIRPLANE IN THIS CATEGORY ARE CONTAINED IN THE AIRPLANE FLIGHT MANUAL.
 MANEUVERING SPEED (3368 LBS), 127 KIAS; (2600 LBS), 111 KIAS.

EMERGENCY MANUAL GEAR EXTENSION

1. PULL LANDING GEAR ACTUATOR CIRCUIT BREAKER.
2. PUT GEAR SWITCH IN GEAR DOWN POSITION.
3. PUSH RELEASE TAB FORWARD AND LIFT UP RED HANDLE.
4. PULL T-HANDLE STRAIGHT UP (12 TO 20 INCHES).
5. ALLOW T-HANDLE TO RETURN TO ORIGINAL POSITION.
6. REPEAT UNTIL GEAR DOWN LIGHT COMES ON (12 TO 20 PULLS). IF TOTAL ELECTRICAL FAILURE—SEE MECHANICAL INDICATOR.

CAUTION

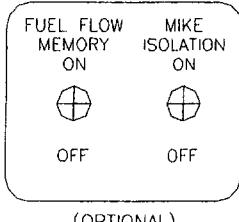
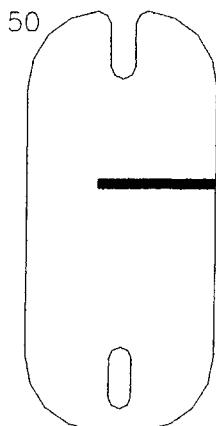
1. TURN OFF STROBE LITES WHEN TAXIING NEAR OTHER ACFT OR WHEN FLYING IN FOG OR IN CLOUDS. STD POSITION LITES MUST BE FOR ALL NIGHT OPERATIONS.
2. IN CASE OF FIRE TURN OFF CABIN HEAT.
3. DO NOT SCREW VERNIER CONTROLS CLOSER THAN 1/8" FROM NUT FACE.

49

CHECK LIST

T A K E O F	CONTROLS FUEL INSTRUMENTS TRIM CONDUCT RUDDER AND ELEV TRIM CHECK PRIOR TO FLIGHT, SEE PILOT'S OPERATING HANDBOOK	RUN-UP PROP WING FLAPS SEAT LATCH BELT/HARNESS	DOOR WINDOW ALT AIR PARK BRAKE MIXTURE
L D G	BELT/HARNESS FUEL	GEAR WING FLAPS	MIXTURE PROP PARK BRAKE

51



52
 LORAN DIM
 AUTO

 OFF
 (OPTIONAL)

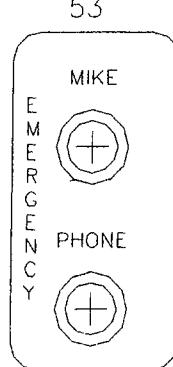


FIGURE 1 - DECALS AND PLACARDS / INTERNAL

55

**KLN 88 LORAN C
NOT APPROVED
FOR APPROACHES**

(OPTIONAL)

55A

**KLN 90 GPS
NOT APPROVED
FOR APPROACHES**

(OPTIONAL)

55B

**KLN 90A GPS
NOT APPROVED
FOR APPROACHES**

(OPTIONAL)

56

IFR-NDB APPROACHES MUST BE CONDUCTED IN ADF MODE ONLY

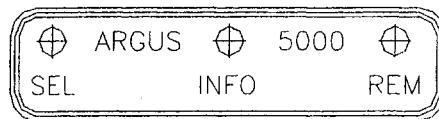
(OPTIONAL)

57

SPEEDBRAKE EQUIPPED: FOR OPERATING INSTRUCTIONS AND LIMITATIONS SEE FAA APPROVED AFM SUPPLEMENT OR PILOT'S OPERATING HANDBOOK.

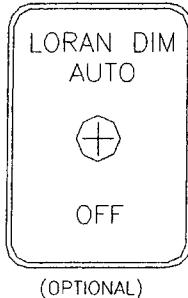
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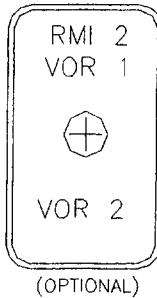


(OPTIONAL)

59



62



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MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

63

RMI 2

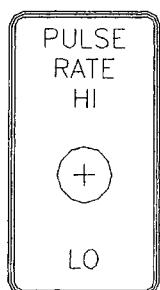
(OPTIONAL)

65

WARNING: CONTINUOUS START POWER LIGHT AFTER ENGINE START
REQUIRES IMMEDIATE INVESTIGATION

(OPTIONAL)

67



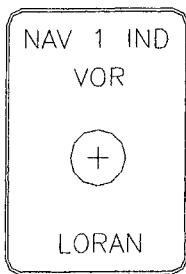
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68



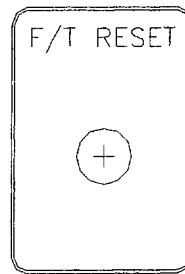
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69



(OPTIONAL)

70



(OPTIONAL)

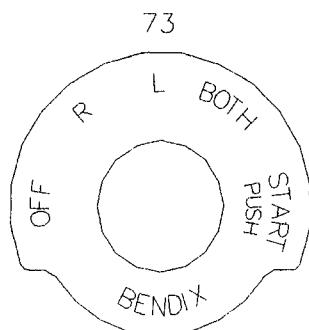
71

HOIST POINT

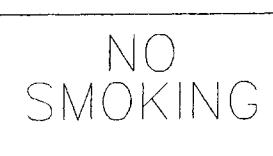
72

NO STEP

75
FLAP UP



74



(OPTIONAL)



76

FLAP DOWN



77
88 (OPTIONAL)

R11-30-6

FIGURE 1 - DECALS AND PLACARDS / INTERNAL

11-30-00

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**MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG**

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CAUTION

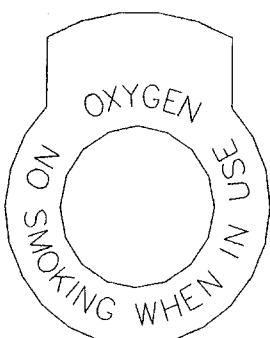
ABSENCE OF ELT LIGHT DURING FIRST
3 SECONDS OF TEST INDICATES
POSSIBLE G-SWITCH FAILURE

79

INFORMATION DISPLAYED ON #2 HSI
NOT COUPLED TO AUTOPILOT

(OPTIONAL)

80



(OPTIONAL)

81

Mooney M20R

CRUISE POWER SCHEDULE

1. BEST POWER is 50°F Rich of Peak.
2. ECONOMY CRUISE is 50°F Lean of Peak.

Altitude (Feet)	Fuel Flow	Best POWER	MANIFOLD PRESSURE—INCHES OF MERCURY								
			Max. / Rec.	2500	2400	2500	2300	2400	2500	2300	
15°C 59°F	Best ECON.	15.2	15.3	13.6	13.7	11.8	11.9	12.0	10.0	10.1	10.2
2,000	Best POWER	17.5	17.6	15.6	15.7	13.9	14.0	14.1	11.7	11.8	11.9
S. L.	Std. Temp.	27.0	26.2	24.3	23.0	22.4	21.4	20.3	19.5	18.6	17.7
4,000	7°C 45°F	27.0	25.7	23.8	22.6	22.0	21.1	20.0	19.1	18.2	17.3
6,000	3°C 38°F	25.2	23.2	22.3	21.7	20.8	19.7	18.7	17.7	16.8	
8,000	-1°C 31°F	24.7	22.8	22.0	21.2	20.3	19.2	18.2	17.2	16.3	
10,000	-5°C 23°F				22.5	21.7	20.7	19.8	18.7	17.7	16.0
12,000	-9°C 16°F					20.2	19.3	18.2	17.2	16.4	15.8
14,000	-13°C 9°F					19.5	18.7	17.9	16.7	16.0	15.6
16,000	-17°C 2°F					18.1	17.7	16.3	15.8	15.4	

R11-30-7

FIGURE 1 - DECALS AND PLACARDS / INTERNAL

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
11-30-00				
1 -	150080-511	PLACARD & DECAL INSTL, INTERNAL (SEE 00-00-00)	/1	REF
1 1	610258-005	.FUEL DRAIN		1
1 2	150080-6012	.PUSH TO RELEASE		1
1 3	150080-213	.MIKE/PHONE		1
1 4	150080-6020	.DO NOT EXCEED 120 LBS...		1
1 5	150080-6021	.DO NOT EXCEED 10 LBS...		1
1 6	150080-6032	.GEAR POSITION (RED ON WHITE)(ALT)		1
1 6	150080-6033	.GEAR POSITION (RED ON CLEAR)		1
1 7	150080-4003	.CONTROL WHEEL CENTER LOGO		1
1 7	150084-001	.CONTROL WHEEL CENTER LOGO, SPECIAL EDITION		1
1 8	150080-4009	.GEAR DOWN, RETRACTION BELLCRANK		1
1 9	150080A4002	.THROTTLE - PUSH INCREASE		1
1 10	150080A4003	.PROPELLER - PUSH INCREASE		1
1 11	150080A4005	.MIXTURE - PUSH RICH		1
1 12	150080A4001	.PULL FOR ALT STATIC SOURCE		1
1 13	150080-4010	.WARNING, DO NOT EXCEED 170 LBS		2
1 14	150080-4015	.COMPASS CORRECTION		1
1 15	917033-007	.DEFROST - PULL ON		1
1 16	917033-009	.CABIN HEAT - PULL ON		1
1 17	917033-005	.CABIN VENT - PULL ON		1
1 18	917033-003	.PARK BRAKE - PULL ON		1
1 19		NOT USED		
1 20		NOT USED		
1 21	150080-4034	.CHT, 6 CYLINDERS (OPT)		1
1 22	150080A4001	.PULL FOR ALT STATIC SOURCE		1
1 23		NOT USED		
1 24		NOT USED		
1 25		NOT USED		
1 26	150080-6049	.DO NOT OPEN ABOVE 129 KIAS		1
1 26A	150080-6019	.DO NOT OPEN ABOVE 132 KIAS		1
1 27	150080-4041	.AUXILIARY EXIT...		1
1 28	130336-003	.CABIN VENT, OVERHEAD		1
1 29	150080-887	.DUAL ADF (OPT)		1
1 30	150080-873	.DME AUDIO, ON-OFF (OPT)	/1	1
1 31	150080-874	.COM/NAV-MEM-ON-OFF (OPT)	/1	1
1 32	917033-011	.ALT AIR - PULL ON		1
1 33	150080-C/B	.CIRCUIT BREAKER (TYPICAL)	/2	1
1 34	150080-4045	.FUEL SELECTOR		1
1 35	150080-SW	.SWITCH PANEL (TYPICAL)	/2	1
1 36	150080A2001	.GR SAFETY BY PASS/GR UP-GR DN		1
1 37	150080-4046	.SPEED BRAKE INOP (OPT)		1
1 38	150080-230	.ICING LIMITS (OPT)		1
1 39	130336-001	.DO NOT SLAM DOOR		1
1 40	130336-005	.OXYGEN ON (OPT)		1
1 41	150080-4037	.N - NUMBER (SPECIFY N- NUMBER)		1
1 42	150080-4061	.SPARE		1
1 43		NOT USED		
1 44		NOT USED		
1 45	150080-4040	.START/STOP/CLEAR/MODE, CLOCK		1
1 46		NOT USED		
1 48	150080-4055	.OPERATIONAL LIMITATIONS (3368 #)		1
1 49	150080A4027	.CHECK LIST		1

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1 50	150080-367	.GEAR INDICATOR		1
1 51	150080-942	.FUEL FLOW MEMORY, MIC. ISO. (OPT)		1
1 52	150080-943	.LORAN DIM AUTO, OFF (OPT)		1
1 53	150080A4012	.EMERGENCY MIC./PHONE (ALT)		1
1 54		NOT USED		
1 55	150080-963	.KLN 88 (OPT)		1
1 55A	150080-	.KLN 90 (OPT)		1
1 55B	150080-	.KLN 90A (OPT)		1
1 56	150080-4056	.IFR-NDB APPROACHES		1
1 57	150080A4008	.SPEEDBRAKE EQUIPPED...		1
1 58	150080-2007	.ARGUS 5000 (HORIZONTAL)		1
1 59	150080-1023	.LORAN DIM		1
1 60		NOT USED		
1 61		NOT USED		
1 62	150080-2015	.RMI 2/VOR 1/VOR 2		1
1 63	150080-4072	.RMI 2		1
1 64		NOT USED		
1 65	150080-4073	.WARNING, START PWR (OPT)		1
1 66		NOT USED		
1 67	150080-2024	.PULSE RATE (OPT)		1
1 68	150080-2017	.ARGUS 5000 (VERTICAL) (OPT)		1
1 69	150080-2020	.NAV 1/VOR/LORAN (OPT)		1
1 70	150080-2021	.F/T RESET (OPT)		1
1 71	150080-6002	.HOIST POINT (SPECIFY COLOR)		2
1 72	150080-6000	.NO STEP (SPECIFY COLOR)		6
1 73	150080-4004	.BENDIX, MAG/IGN		1
1 74	150080-4018	.NO SMOKING (OPT)		1
1 75	150080A4014	.FLAP UP		1
1 76	150080A4015	.FLAP DOWN		1
1 77	150080-4033	.88 (OPT)		1
1 78	150080-4059	.CAUTION - ABSENCE OF ELT...		11
1 79	150080-4080	.INFORMATION DISPLAYED ON...		1
1 80	23719-00	.OXYGEN-NO SMOKING WHEN IN USE (SCOTT AVIATION)		4
1 81	130355-011	.CRUISE POWER, SUNVISOR		1

NOTES:

1. EFFECTIVITY TO BE DETERMINED BY RADIO EQUIPMENT INSTALLED IN AIRCRAFT.
2. CIRCUIT BREAKER & AVIONICS PLACARDS MAY VARY BETWEEN EACH AIRCRAFT WITHIN MODEL YEAR CONFIGURATIONS. THE PLACARD'S SHOWN ARE TYPICAL; CONTACT MOONEY SERVICE PARTS DEPARTMENT FOR SPECIFIC PLACARD PART NUMBER FOR YOUR AIRCRAFT SERIAL NUMBER.

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
FIG-ITEM				

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MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

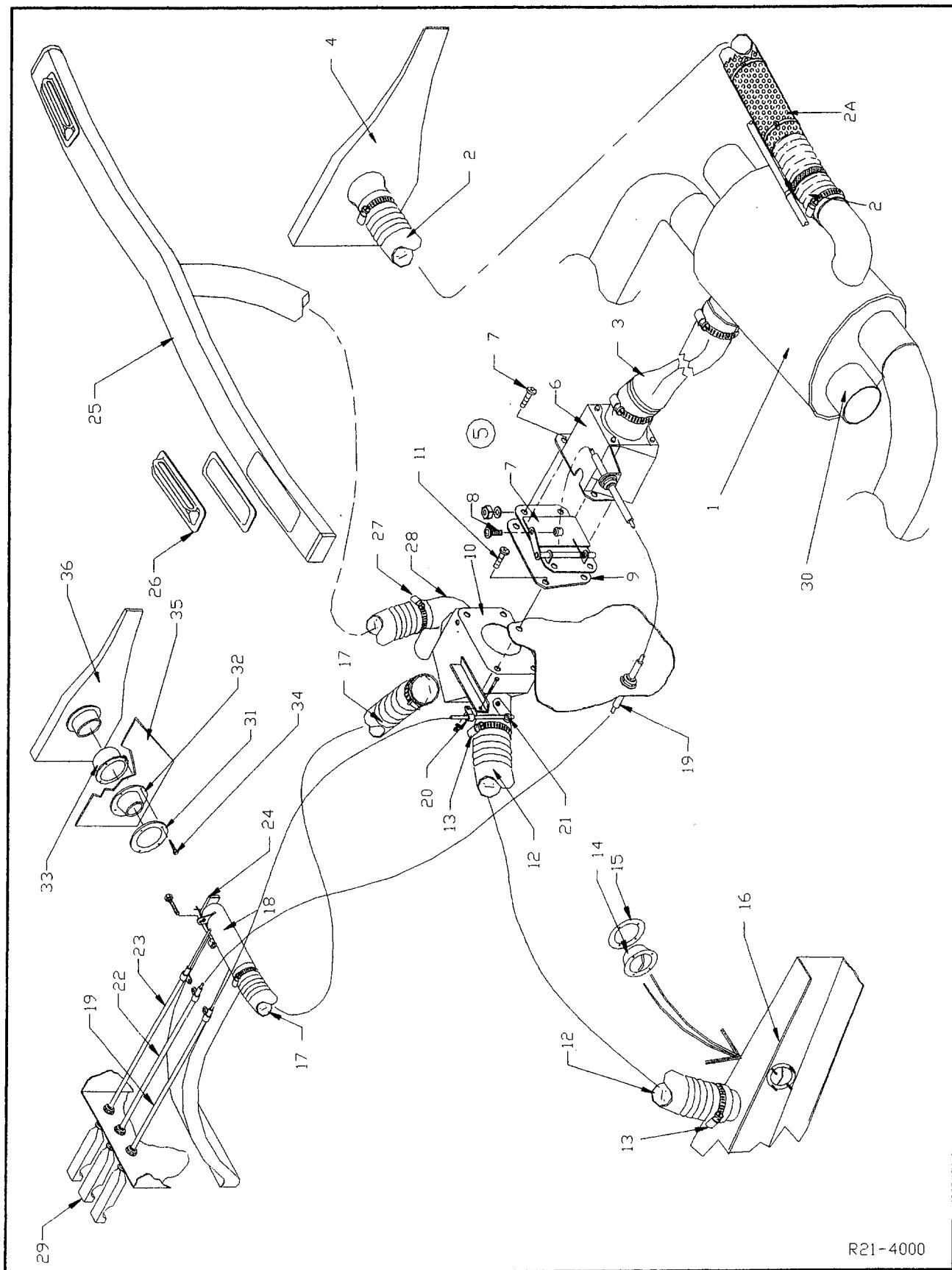


FIGURE 1 - CABIN HEAT AND FRESH AIR SYSTEM

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
21-40-00				
1- -	640123-527	CABIN HEAT & FRESH AIR SYSTEM (W/ BLOWER)(OPT)(95-00-00)	REF	
1- -	640123-525	CABIN HEAT & FRESH AIR SYSTEM (00-00-00)	REF	
1- 1	630088-027	.SHROUD ASSEMBLY, HEAT (81-00-00)	REF	
1- 1	630088-023	..SHROUD	1	
1- 1	630088-021	..ANGLE	2	
1- 1	AN3-4A	..@BOLT	10	
1- 1	AN960-10	..@WASHER	20	
1- 1	MS21042-3	..@NUT	10	
1- 1	RTV	..SEALANT, SILICON	AR	
1- 2	640001-043	.DUCT (NACA DUCT TO MUFFLER SHROUD)	1	
1- 2	QS100M40S	..@CLAMP	2	
1- 2	MS21919WDG40			
		..@CLAMP (NI)	/1	1
1- 2	AN960-10L	..@WASHER (NI)	/1	1
1- 2	NA35207-263	..@SCREW (NI)	/1	1
1- 2	MS21919WDG40			
		..@CLAMP (NI)	/2	1
1- 2	AN3-4A	..@BOLT (NI)	/2	1
1- 2	AN960-10L	..@WASHER (NI)	/2	1
1- 2	MS21042-3	..@NUT (NI)	/2	1
1- 2	MS21919WDG12			
		..@CLAMP	/3	1
1- 2	MS21919WDG40			
		..@CLAMP	/3	1
1- 2	AN3-5A	..@BOLT	/3	1
1- 2	AN3-4A	..@BOLT	/2	1
1- 2	NAS960-10L	..@WASHER	/3	1
1- 2	NAS960-10	..@WASHER	/3	2
1- 2	MS21042-3	..@NUT	/3	1
1- 2	MS35207-263	..@SCREW	1	
1- 2A	914092-011	.TUBE, HIGH TEMPERATURE, AIR (SHEET)	AR	
1- 2A	RTV-108	..@ADHESIVE, SILICONE	AR	
1- 2A	#2802	..@WRAPLOCK	3	
1- 3	640001-023	.DUCT, HEAT SHROUD TO HEAT BOX	1	
1- 3	QS100M40S	..@CLAMP	1	
1- 4	650135	COWLING, NACA DUCT	REF	
1- 5	640290-509	.HEATER BOX ASSEMBLY, CABIN	1	
1- 6	640290-063	..BOX ASSEMBLY	1	
1- 6	AN530-8R6	..SCREW	8	
1- 6	MS21069L08	...NUT PLATE	2	
1- 6	AN42B	...BOLT	2	
1- 6	AN960-10	...WASHER	2	
1- 6	MS21045L3	...NUT	2	
1- 6	640290-075	...DEFLECTOR	1	
1- 6	640290-065	...COVER	1	
1- 6	640290-073	...BRACKET	1	
1- 6	640290-067	...COVER	1	
1- 7	640290-001	..VALVE ASSEMBLY	1	
1- 7	640290-017	..DOOR ASSEMBLY	1	
1- 7	640290-035	..SPRING	1	
1- 7	640290-039	..PLATE ASSEMBLY	1	

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 7	640290-009	...CONTROL ARM ASSEMBLY		1
1- 7	MS35206-245	...@SCREW		4
1- 7	AN960-8	...@WASHER		1
1- 7	MS21045L08	...@NUT		1
1- 8	13-0403-01	.STOP, CABLE (WESCON PROD)		1
1- 8	AN315-640R	.NUT		1
1- 9	640224-000	.GASKET		1
1- 10	640326-513	.J-BOX ASSEMBLY		1
1- 10	640205-029	..NUT PLATE ASSEMBLY		1
1- 10	AN530-8R6	..@SCREW		8
1- 10	640326-009	..BRACKET		1
1- 10	AN435-MA3	..@RIVET		1
1- 10	640297-005	..HUB		2
1- 10	640326-511	..BUTTERFLY ASSEMBLY		1
1- 10	MS35206-226	..@SCREW		2
1- 10	TYPE CV	..@CEMENT (LOC-TITE)	AR	
1- 10	640326-507	..SHAFT ASSEMBLY		1
1- 10	AN960-416L	..@WASHER		1
1- 10	MS24665-170	..@PIN, COTTER		1
1- 10	AN392-7	..PIN, CLEVIS		1
1- 11	AN3-3A	..@BOLT		4
1- 12	912007-503	.TUBE, VENT AIR TO J-BOX		1
1- 13	QS100M40S	..@CLAMP		2
1- 14	1739	WEMAC		2
1- 15	130208-000	.WASHER, WEMAC RETAINER		1
1- 15	AN531-6R10	..@SCREW		4
1- 16	310349-503	DUCT ASSEMBLY. (SEE 53-10-00)	REF	
1- 17	640001-031	.DUCT, OUTLET AIR FROM J-BOX		1
1- 17	QS100M40S	..@CLAMP		2
1- 18	640321-509	.DUCT ASSEMBLY, INSTL		1
1- 18	640321-023	..DUCT ASSEMBLY		1
1- 18	1601-0410	...RIVET, AVEX		34
1- 18	640084-501	...VALVE ASSEMBLY		1
1- 18	640084-503TUBE ASSEMBLY		1
1- 18	640084-505ARM ASSEMBLY		1
1- 18	MS20392-1C25			
	PIN		1
1- 18	640084-011SEAL		1
1- 18	1357@ADHESIVE (3M)	AR	
1- 18	MS35206-227	..@SCREW		4
1- 18	AN960-6	..@WASHER		4
1- 19	640257-033	.CABLE, CONTROL, VENT		1
1- 20	MS21919DG2	..@CLAMP		1
1- 20	AN526-1032R7	@SCREW		1
1- 20	AN363-1032	..@NUT		1
1- 21	AN381-2-6	..@COTTER PIN		1
1- 21	AN960-4L	..@WASHER		1
1- 22	640258-007	.CABLE, CONTROL, HEAT		1
1- 23	640257-027	.CABLE, CONTROL, DEFROST		1
1- 23	D-227-1	...CABLE STOP		1
1- 23	AN315-640	...NUT		1
1- 24	E51-50B	.SWITCH, BLOWER MOTOR (CHERRY SWITCH) (OPT)		1
1- 24	MS35206-219	..@SCREW (OPT)		2

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 24	AN960-4	.@WASHER (OPT)		2
1- 24	MS21042-04	.@NUT (OPT)		2
1- 24	640123-001	.BRACKET (ATTACH W/EXISTING HARDWARE) (OPT)		1
1- 25	640315-501	.DUCT ASSEMBLY, DEFROSTER		1
1- 26	640284-007	.DIFFUSER		2
1- 26	640318-003	.PLATE, BACKUP		2
1- 27	QS100M24S	.@CLAMP		1
1- 28	640317-503	.BLOWER, DEFROSTER (OPT)		1
1- 28	640318-001	.ADAPTER (BONDED TO BLOWER) (OPT)		1
1- 28	4400	.@ADHESIVE, UNI-WELD		AR
1- 28	640319-501	.ADAPTER (USED WHEN BLOWER IS NOT USED)		1
1- 28	MS35206-227	.@SCREW		3
1- 28	AN935-6L	.@WASHER		3
1- 28	LOCTITE 222	.@LOCTITE (ON SCREW THREADS)		AR
1- 29	340297	PULL ASSEMBLY (SEE 53-20-02)		REF
1- 30	630088	MUFFLER (SEE 81-00-00)		REF
1- 31	640334-005	.ESCUTCHEON, WEMAC RETAINER		1
1- 32	1739	.WEMAC		1
1- 33	640334-001	.DUCT (BOND W/ PR1403-G-B2 TO 310349-511 DUCT)		1
1- 34	PS6SM10DL20GY	.@SCREW (PAINT TO MATCH INTERIOR)		4
1- 34	A1777-6Z-1	.@NUT (BOND W/ 8001 TO 640334-1 DUCT)		4
1- 35	130250	PANEL (SEE 25-00-00)		REF
1- 36	310349-511	DUCT, NACA (SEE 53-10-00)		REF

NOTES:

1. USE EXISTING PLATE NUT IN WHEEL WELL.
2. USE EXISTING HOLE IN WHEEL WELL.
3. ATTACH TO ENGINE MOUNT.

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

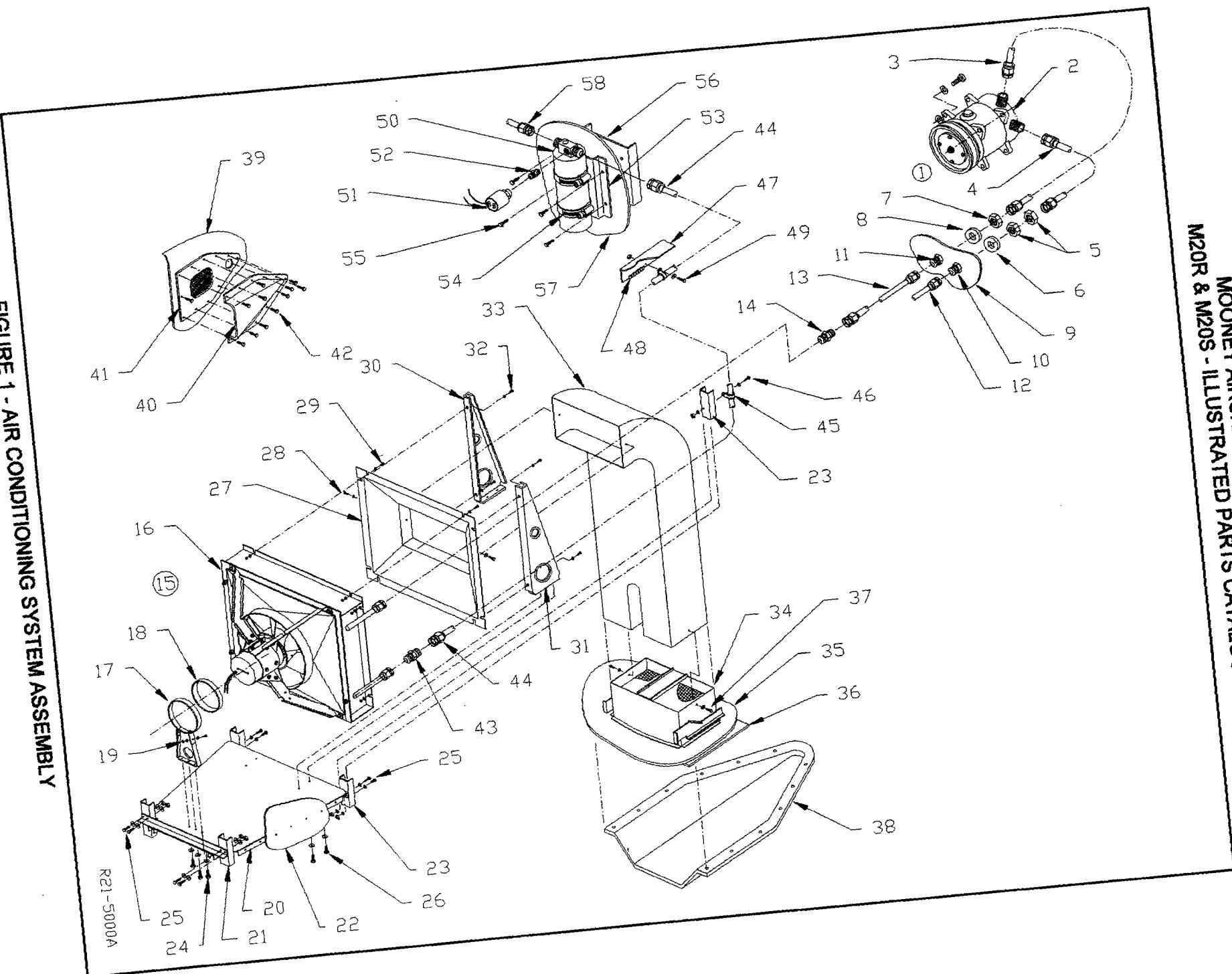


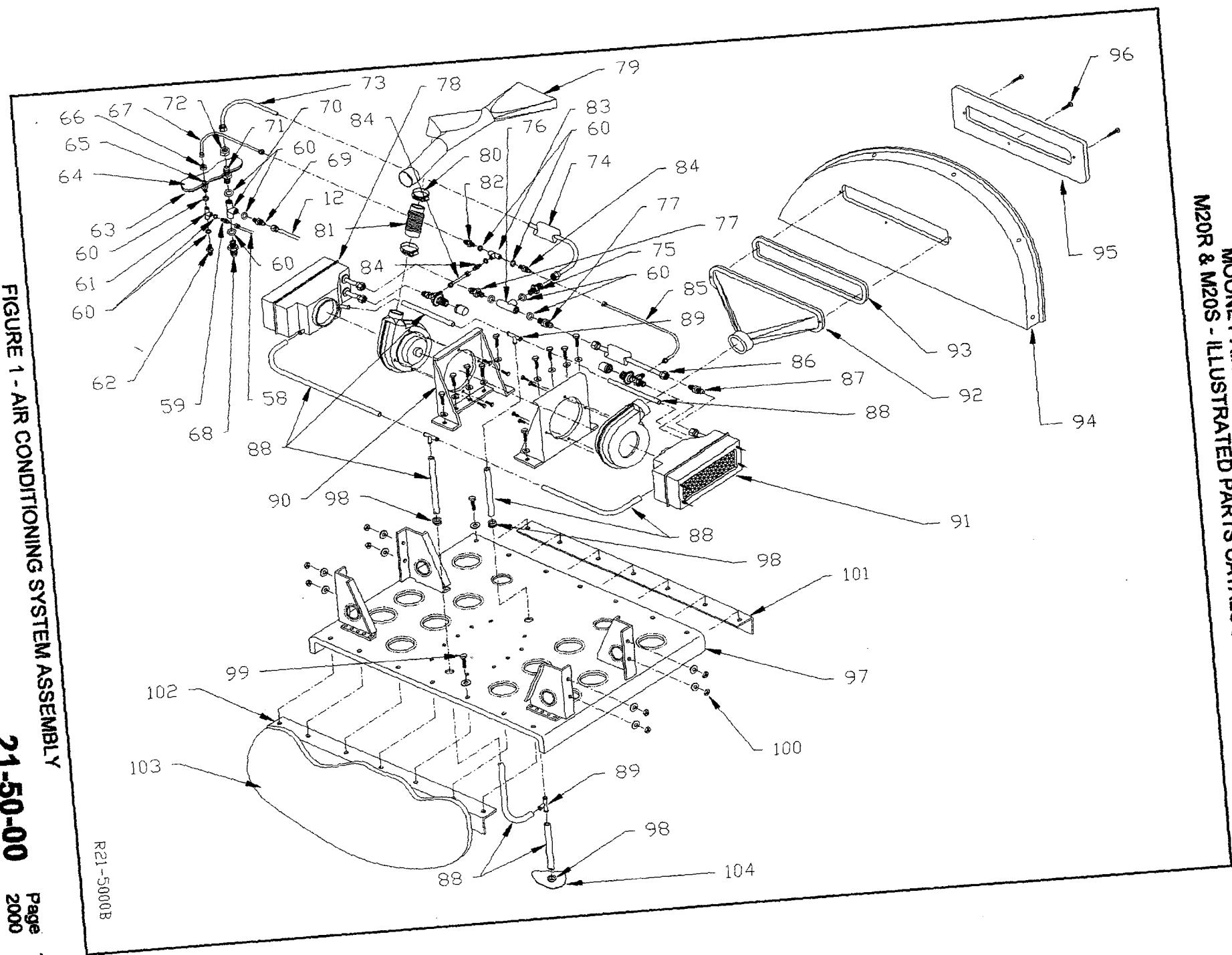
FIGURE 1 - AIR CONDITIONING SYSTEM ASSEMBLY

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

FIGURE 1 - AIR CONDITIONING SYSTEM ASSEMBLY

21-50-00

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MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
21-50-00				
1- -	770000-501	AIR CONDITIONER INSTALLATION (SEE 00-00-00)		REF
1- 1	770026-501	.COMPRESSOR INSTALLATION		1
1- 1	770030-501	..GUARD ASSEMBLY (NI)		1
1- 1	642087A41	..ACCESSORY DRIVE, STARTER (T.C.M.)		1
1- 1	EQ6580	..KIT, DRIVE PULLEY (T.C.M.)		1
1- 2	770028-001	.COMPRESSOR, FREON (ENVIRO SYSTEMS)		1
1- 3	770006-511	.HOSE ASSEMBLY (HIGH PRESSURE)		1
1- 3	2650-30	..FIRE SLEEVE		AR
1- 3	MS21919WDG22	..CLAMP		1
1- 3	MS24694S10	..SCREW		1
1- 3	AN960-10L	..WASHER		1
1- 3	MS21042L3	..NUT		1
1- 4	770006-501	.HOSE ASSEMBLY (LOW PRESSURE)		1
1- 4	2650-22	..FIRE SLEEVE		AR
1- 4	MS21919WDG12	..CLAMP		4
1- 4	AN3-5A	..BOLT		4
1- 4	AN960-10	..WASHER		8
1- 4	MS21045L3	..NUT		4
1- 5	AN924-10	..NUT		2
1- 6	913136-1	.WASHER (PREFERRED)		1
1- 6	AN960-1416	.WASHER (ALT)		1
1- 7	AN924-8	..NUT		1
1- 8	913136-3	.WASHER (PREFERRED)		1
1- 8	AN960-1216	.WASHER (ALT)		1
1- 9	600265	FIREWALL ASSEMBLY		REF
1- 10	770039-007	.FITTING, BULKHEAD		1
1- 11	770039-005	.FITTING, BULKHEAD		1
1- 12	770006-509	.HOSE ASSEMBLY		1
1- 13	770006-503	.HOSE ASSEMBLY		1
1- 14	42F-8	.UNION		1
1- 15	770015-501	.CONDENSER INSTALLATION		1
1- 16	770016-501	..CONDENSER ASSEMBLY (ENVIRO SYSTEMS)		1
1- 17	770018-001	.SUPPORT ASSEMBLY, CONDENSER		1
1- 17	770018-005	..@STRAP		1
1- 17	MS20470AD4	..@RIVET		2
1- 17	770018-011	..SUPPORT ASSEMBLY		1
1- 17	MS21061L3	...@PLATE NUT		2
1- 17	MS21059L3	...@PLATE NUT		1
1- 18	770018-009	..PAD		1
1- 18	8001	..ADHESIVE (3M)		AR
1- 19	AN3-4A	..BOLT		1
1- 19	AN960-10L	..WASHER		2
1- 19	MS21042L3	..NUT		1
1- 20	770017-000	.PLATE SUPPORT ASSEMBLY, CONDENSER		1
1- 21	350025	BULKHEAD		REF
1- 22	-	TAILCONE SKIN		REF
1- 23	350145	BULKHEAD		REF
1- 24	AN3-3A	.BOLT		3

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 25	AN3-4A	.BOLT		8
1- 25	AN960-10	.WASHER		8
1- 25	MS21042L3	.NUT		8
1- 26	AN3-4A	.BOLTS		4
1- 26	AN960-10L	.WASHER		4
1- 27	770019-501	.DIFFUSER ASSEMBLY		1
1- 28	MS35206-244	.SCREW		2
1- 28	AN960-8L	.WASHER		2
1- 29	MS35206-263	.SCREW		4
1- 30	770018-014	.SUPPORT ASSEMBLY, LEFTHAND		1
1- 30	MS21061L3	..@PLATE NUT		2
1- 31	770018-013	.SUPPORT ASSEMBLY, RIGHHAND		1
1- 31	MS21061L3	..@PLATE NUT		2
1- 32	AN3-4A	.BOLT		4
1- 32	AN960-10L	.WASHER		8
1- 32	MS21042L3	.NUT		4
1- 33	770021-507	.AIR EXHAUST DUCT ASSEMBLY, CONDENSER	III/	1
1- 34	770021-501	.BOX ASSEMBLY, AIR EXHAUST	III/	1
1- 34	770021-001	..BOX	III/	1
1- 34	770021-007	..SCREEN	III/	1
1- 34	770021-009	..DOUBLER	III/	1
1- 34	770021-023	..CLOSEOUT	III/	1
1- 34	770021-505	.BOX ASSEMBLY, AIR EXHAUST	III/	1
1- 34	770021-013	..SCREEN	III/	1
1- 34	770021-017	..BOX	III/	1
1- 34	770021-025	..CLOSEOUT	III/	1
1- 34	AN960-4L	..WASHER	III/	26
1- 34	770021-029	..FOAM		2
1- 34	8001	..ADHESIVE (3M)		AR
1- 34	MS21059L3	..@PLATE NUT		2
1- 35	-	TAILCONE SKIN		REF
1- 36	770021-031	.DOUBLER		1
1- 37	MS35206-244	.SCREW		2
1- 38	770042-501	.RAMP, AIR EXHAUST		1
1- 38	1693-0410	.RIVET		16
1- 39	-	TAILCONE SKIN		REF
1- 40	770025-001	.DUCT, LEFTHAND AIR INLET		1
1- 40	770025-002	.DUCT, RIGHHAND AIR INLET		1
1- 41	770025-003	..DOUBLER ASSEMBLY		2
1- 42	MS35207-206	.SCREW		12
1- 42	MS21059-3	..NUT PLATE		12
1- 43	42F-6	.UNION		1
1- 44	770006-505	.HOSE ASSEMBLY		1
1- 45	MS21919WDG12	.CLAMP		1
1- 46	AN3-4A	.BOLT		1
1- 46	AN960-10	..WASHER		2
1- 46	MS21045L3	..NUT		1
1- 47	350157	LONGERON		REF

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 48	MS21266-1	.GROMMET		1
1- 48	8001	..ADHESIVE		AR
1- 49	MS21919WDG12			
		.CLAMP		1
1- 49	AN3-4A	.BOLT		1
1- 49	AN960-10	..WASHER		2
1- 49	MS21045L3	..NUT		1
1- 50	770029-501	.DRYER ASSEMBLY (ENVIRO SYSTEMS)		1
1- 51	1250232-1	.SOLENOID, DRYER (ENVIRO SYSTEMS)		1
1- 52	-	.UNION (SUPPLIED BY VENDOR-ENVIRO SYSTEMS)		1
1- 53	770008-501	.BRACKET ASSEMBLY, DRYER		1
1- 54	QS100-M40S			
		.CLAMP		2
1- 55	AN3-3A	.BOLT		4
1- 56	770035-009	.DOUBLER ASSEMBLY, DRYER SUPPORT		1
1- 57	350113-001	HATRACK WALL		REF
1- 58	770006-507	.HOSE ASSEMBLY		1
1- 59	770040-001	.UNION		1
1- 60	3-906 N1206-70			
		.O'RING		1
1- 61	AN938-6D	.TEE		1
1- 62	770033-503	.FITTING ASSEMBLY		1
1- 63	350156	HATRACK FLOOR		REF
1- 64	770035-015	.DOUBLER ASSEMBLY		1
1- 65	AN832-6D	.BULKHEAD FITTING		1
1- 66	AN924-6D	.NUT		1
1- 67	770032-011	.TUBE ASSEMBLY		1
1- 68	770033-501	.FITTING ASSEMBLY		1
1- 69	770039-003	.UNION		1
1- 70	AN938-10D	.TEE		1
1- 71	AN832-10D	.BULKHEAD FITTING		1
1- 72	AN924-10D	.NUT		1
1- 73	770032-003	.TUBE ASSEMBLY		1
1- 74	NP-77	.INSULATION		AR
1- 75	AN815-10D	.UNION		1
1- 76	AN938-10D	.TEE		1
1- 77	AN919-15D	.REDUCER		1
1- 78	770002-501	.EVAPORATOR ASSEMBLY (ENVIRO SYSTEMS)		1
1- 78	-	..BLOWER (SUPPLIED BY ENVIRO SYSTEMS)		1
1- 78	-	..EXPANSION VALVE ASSEMBLY (SUPPLIED BY ENVIRO SYSTEMS)		1
1- 79	770009-501	.DUCT ASSEMBLY, FRESH AIR		1
1- 79	S404	..ACOUSTICAL FOAM		AR
1- 79	S404	.ACOUSTICAL FOAM SHEETS (INSULATE HATRACK AREA)		AR
1- 80	QS100-M40S			
		.CLAMP		2
1- 81	770012-009	.DUCT, FLEXIBLE		1
1- 82	AN815-6D	.UNION		1
1- 83	AN938-6D	.TEE		1
1- 84	AN919-6D	.REDUCER		1
1- 85	770032-007	.TUBING ASSEMBLY		1
1- 86	770032-015	.TUBING ASSEMBLY		1
1- 86	NP-77	..INSULATION		AR
1- 87	AN815-8D	.UNION		1

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 88	3/8IDX093WT			
1- 89	11228	.CLEAR VINYL TUBE (EVAPORATOR DRAIN)		AR 1
1- 90	770031-501	.TEE CONNECTOR (PLASTIC)		2
1- 90	AN3-3A	.BLOWER SUPPORT ASSEMBLY		5
1- 90	AN960-10L	.BOLT		5
1- 90		.WASHER		5
1- 91	770002-503	.EVAPORATOR ASSEMBLY, RIGHTHAND (ENVIRO SYSTEMS)		1
1- 91	-	.BLOWER, EVAPORATOR (SUPPLIED BY ENVIRO SYSTEMS)		1
1- 91	-	.EXPANSION VALVE ASSEMBLY (SUPPLIED BY ENVIRO SYSTEMS)		1
1- 92	770005-501	.DUCT, CONDITIONED AIR		1
1- 93	S404	.ACOUSTICAL FOAM		1
1- 94	130345-501	.PANEL ASSEMBLY		1
1- 95	130345-503	.LIP PANEL ASSEMBLY		1
1- 96	PK6X3/4	.SCREW		3
1- 98	C1777-62	.TINNERMAN NUT		3
1- 97	770004-501	.PANEL ASSEMBLY, EVAPORATOR		1
1- 97	770003-501	.BRACKET SUPPORT (LEFT FRONT)		1
1- 97	770003-502	.BRACKET SUPPORT (RIGHT FRONT)		1
1- 97	770003-503	.BRACKET SUPPORT (LEFT REAR)		1
1- 97	770003-504	.BRACKET SUPPORT (RIGHT REAR)		1
1- 97	MS20470AD	...RIVET		7
1- 98	MS35489-17			
		.GROMMET		1
1- 99	AN3-3A	.BOLT		14
1- 99	AN960-10L	.WASHER		14
1- 100	MS21042L3	.NUT		8
1- 100	AN960-10L	.WASHER		8
1- 101	770004-509	.ANGLE ASSEMBLY, FRONT		1
1- 102	770004-503	.ANGLE ASSEMBLY, REAR		1
1- 103	-	REAR BAGGAGE WALL		REF
1- 104	-	TAILCONE BOTTOM SKIN		REF

EFFECTIVITIES:

- I 29-0001 ONLY
- II 29-0002 THRU 29-TBA 30-0001 THRU 30-TBA

**MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG**

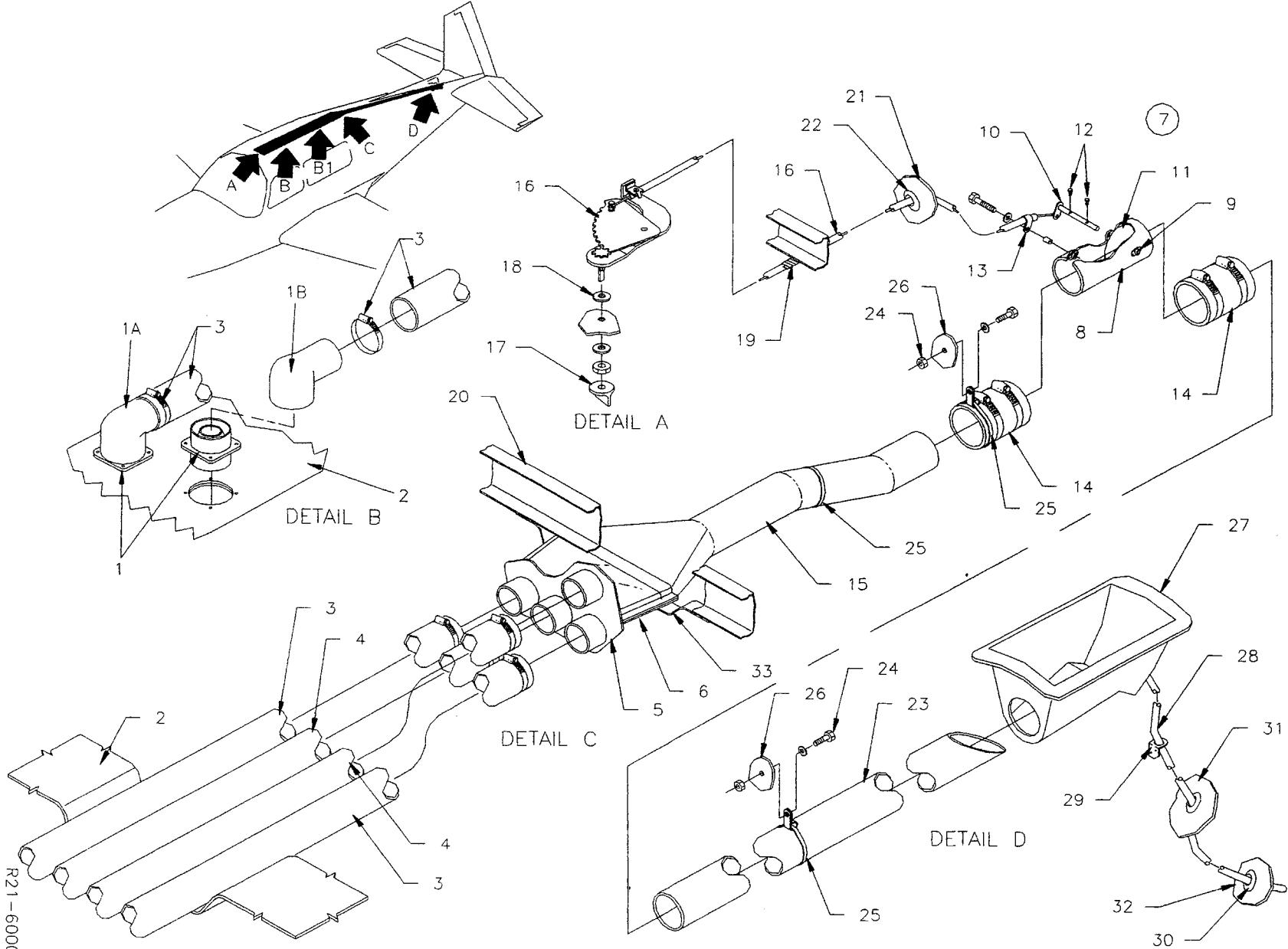


FIGURE 1 - OVERHEAD DUCT AND VENT SYSTEM

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
21-60-00				
1- -	640157-503	OVERHEAD DUCT & VENT SYSTEM (SEE 00-00-00)		REF
1- 1	3972-2	.WEMAC VALVE ASSEMBLY		4
1- 1A	640300-003	.ADAPTER, WEMAC	/1	2
1- 1B	640300-004	.ADAPTER, WEMAC	/1	2
1- 2	130250	HEADLINER ASSEMBLY (SEE 25-00-00)		REF
1- 3	640157-003	.HOSE, LONG		2
1- 3	SST2S	.@CABLE TIE		4
1- 3	NAS397-24	.@CLAMP (ALTERNATE)		4
1- 4	640157-005	.HOSE, SHORT	/1	2
1- 4	QS100M24S	.@CLAMP		4
1- 4	NAS397-24	.@CLAMP (ALTERNATE)		4
1- 5	640323-501	.DISTRIBUTOR ASSEMBLY, VENT AIR		1
1- 5	640323-503	.FACE ASSEMBLY		1
1- 5	640323-001	...FACE		1
1- 5	640323-007	...TUBE		4
1- 5	640323-003	..BOTTOM		1
1- 5	640323-005	..TOP		1
1- 6	MS20470A4	..@RIVET		8
1- 6	AN960-4L	..@WASHER		8
1- 7	640297-001	.VALVE ASSEMBLY		1
1- 8	640297-003	..TUBE		1
1- 9	640297-005	..HUB		2
1- 10	640297-007	..ARM ASSEMBLY		1
1- 10	AN960-4L	..@WASHER		2
1- 10	AN381-2-6	..@PIN, COTTER		1
1- 11	640297-013	..BUTTERFLY ASSEMBLY		1
1- 11	640297-015	...BUTTERFLY		2
1- 11	640297-019	...PAD		1
1- 12	MS35206-226	...@SCREW		2
1- 13	MS21919DG3	..@CLAMP		1
1- 13	914022-016	..BUSHING		1
1- 13	MS35207-267	..@SCREW		1
1- 13	MS21051L03	..@NUT PLATE		1
1- 14	640297-021	.SLEEVE		2
1- 14	SST2S	@CABLE TIE		4
1- 15	640156-501	.DUCT ASSEMBLY		1
1- 16	361-000-12	.CONVERTER (W/ATTCH. HDW) (ARENS)		1
1- 16	361-032-524	.CONVERTER ASSEMBLY, AFT(W/ATTCH. HDW)(ARENS)(ALT)		1
1- 16	AN960-716L	..WASHER		1
1- 17	#1520	..KNOB		1
1- 17	130336-3	..ESCUOTCHEON		1
1- 17	1300	..@ADHESIVE		AR
1- 17	AN565-C832H5	..@SET SCREW (ALT FOR EXISTING SET SCREW)		1
1- 18	AN970-7	..WASHER		1
1- 19	#500015-2	..SPI-RAP		AR
1- 20	350162	BULKHEAD (SEE 53-10-03)		REF
1- 21	350113	BULKHEAD (SEE 53-10-03)		REF
1- 22	MS35489-4	..GROMMET		1
1- 23	350201-005	DUCT (SEE)		REF
1- 24	MS21919DG6	..@CLAMP		2

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 24	MS35306-242	@SCREW		2
1- 24	AN960-8	@WASHER		2
1- 24	MS21042-08	@NUT		2
1- 25	SST-4S	CABLE TIE		3
1- 26	350025-501	BULKHEAD (SEE 53-10-03)		REF
1- 27	350200-001	BATHTUB (SEE 53-10-03)		REF
1- 28	350198-001	DRAIN TUBE (SEE 53-10-03)		REF
1- 29	350198-003	CLIP (SEE 53-10-03)		REF
1- 29	SST-4	CABLE TIE (SEE 53-10-03)		REF
1- 30	AN931-8-13	GROMMET (SEE 53-10-03)		REF
1- 31	350066	PLATE (SEE 53-10-03)		REF
1- 32	350070-003	BULKHEAD (SEE 53-10-03)		REF
1- 33	640157-011	.BRACKET		1

NOTES:

1. VIEW B1 USES INDEX 4 SHORT HOSE & REVERSES POSITION OF WEMAC ADAPTERS LEFT TO RIGHT.

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY

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MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

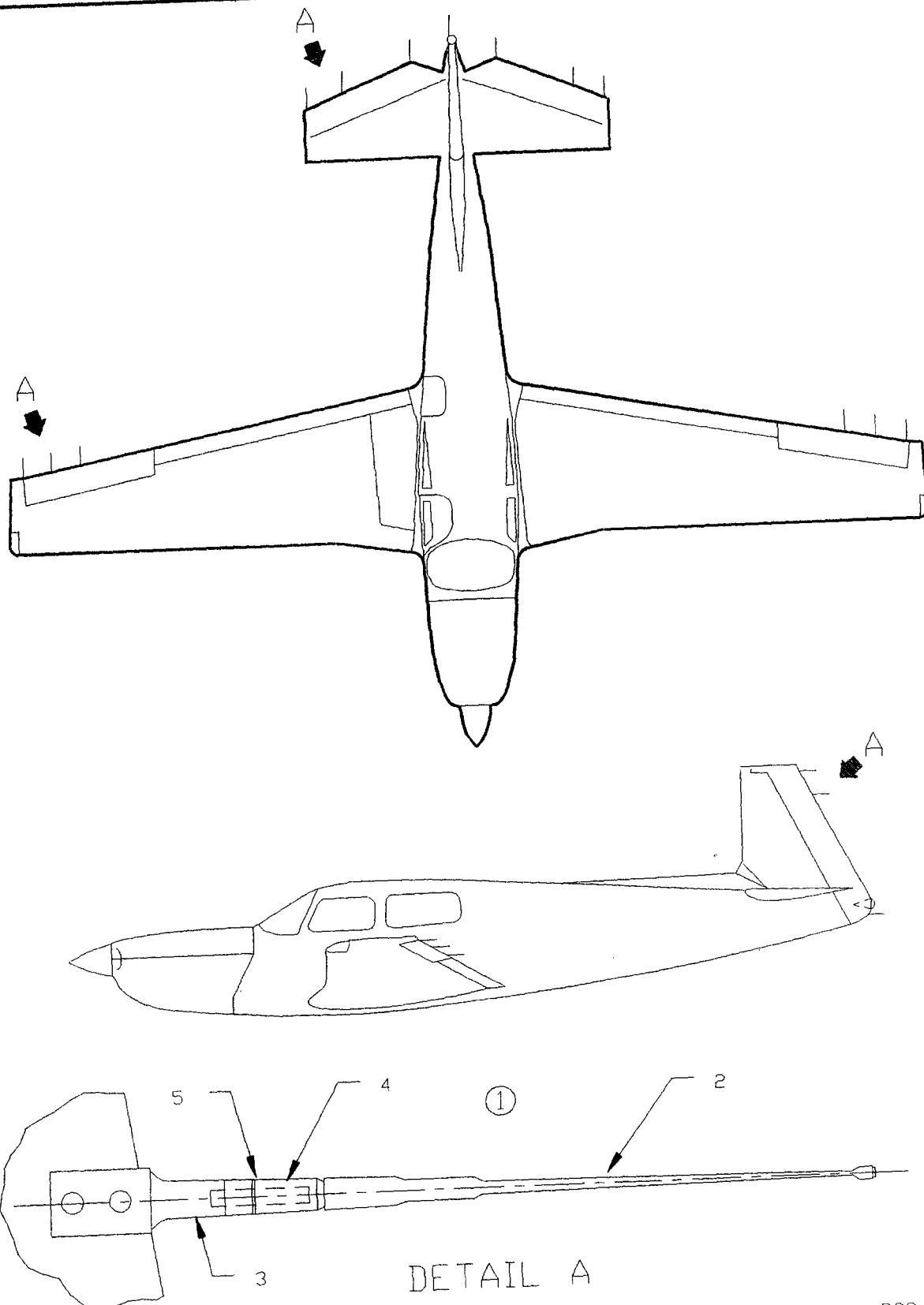


FIGURE 1 - STATIC DISCHARGE INSTALLATION

R23-6000

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
23-60-00				
1- -	950253-501	STATIC DISCHARGER INSTALLATION (TCO CORP)(SEE 95-00-00)		REF
1- -	950253-507	STATIC DISCHARGER INSTALLATION (SPECMAT)(SEE 95-00-00)		REF
1- 1	950253-503	.DISCHARGER ASSEMBLY (TCO)		15
1- 1	950253-505	.DISCHARGER ASSEMBLY (SPECMAT)		15
1- 2	DD-1W	..DISCHARGER (TCO CORP)	/1	1
1- 2	10-900-59/1	..DISCHARGER (SPECMAT)(ALT. FOR DD1W)		1
1- 2	10-900-60/1	..DISCHARGER (SPCEMAT)	/1	1
1- 3	B-1	..MOUNTING BASE (TCO CORP)		1
1- 3	10-900-85	..MOUNTING BASE (SPECMAT)(ALT. FOR B-1)		1
1- 3	10-900-71	..MOUNTING BASE (SPECMAT) (NI)	/4	1
1- 3	10-900-CA-S	..@ADHESIVE CARTRIDGE (28 GRAM)	/2	AR
1- 3	10-900-CA-L	..@ADHESIVE CARTRIDGE (58 GRAM)	/2	AR
1- 4	4-40UNCX.75LG	..STUD		1
1- 5	NO. 4	..LOCKWASHER, SPLIT	/3	1
1- -	940038-501	RETROFIT KIT (NI)		1

NOTES:

1. SPECMAT TECHNOLOGIES, P/N 10-900-60/1, DISCHARGER MAY BE USED AS A REPLACEMENT IN -503 ASSEMBLY AND FOR SPARES REPLACEMENT OF TCO CORP P/N DD-1W,DISCHARGER. A 4-40 UNC x .75 INCH LONG STUD IS REQUIRED FOR EITHER UNIT.
2. USE SPECMAT APPLICATOR GUN, P/N 10-900-APL. USE MIXING NOZZLE, P/N 10-900-N-S FOR 28 GRAM CARTRIDGE AND P/N 10-900-N-L FOR 58 GRAM CARTRIDGE. REFER TO SPECMAT DATA SHEET, P/N 10-900 CA-L & S FOR ADHESIVE HANDLING, APPLICATION AND STORAGE INFORMATION.
3. LOCKWASHER, P/N, NO.4, IS NOT REQUIRED WHEN THE SPECMAT DISCHARGER BASE AND DISCHARGER ARE USED TOGETHER, BUT IS REQUIRED WHEN THE SPECMAT DISCHARGER IS USED WITH THE TCO CORP. BASE.
4. LOWER STATIC WICK, ON RUDDER, MAY BE MOUNTED EITHER ABOVE OR BELOW THE TAIL-LIGHT ASSEMBLY.

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

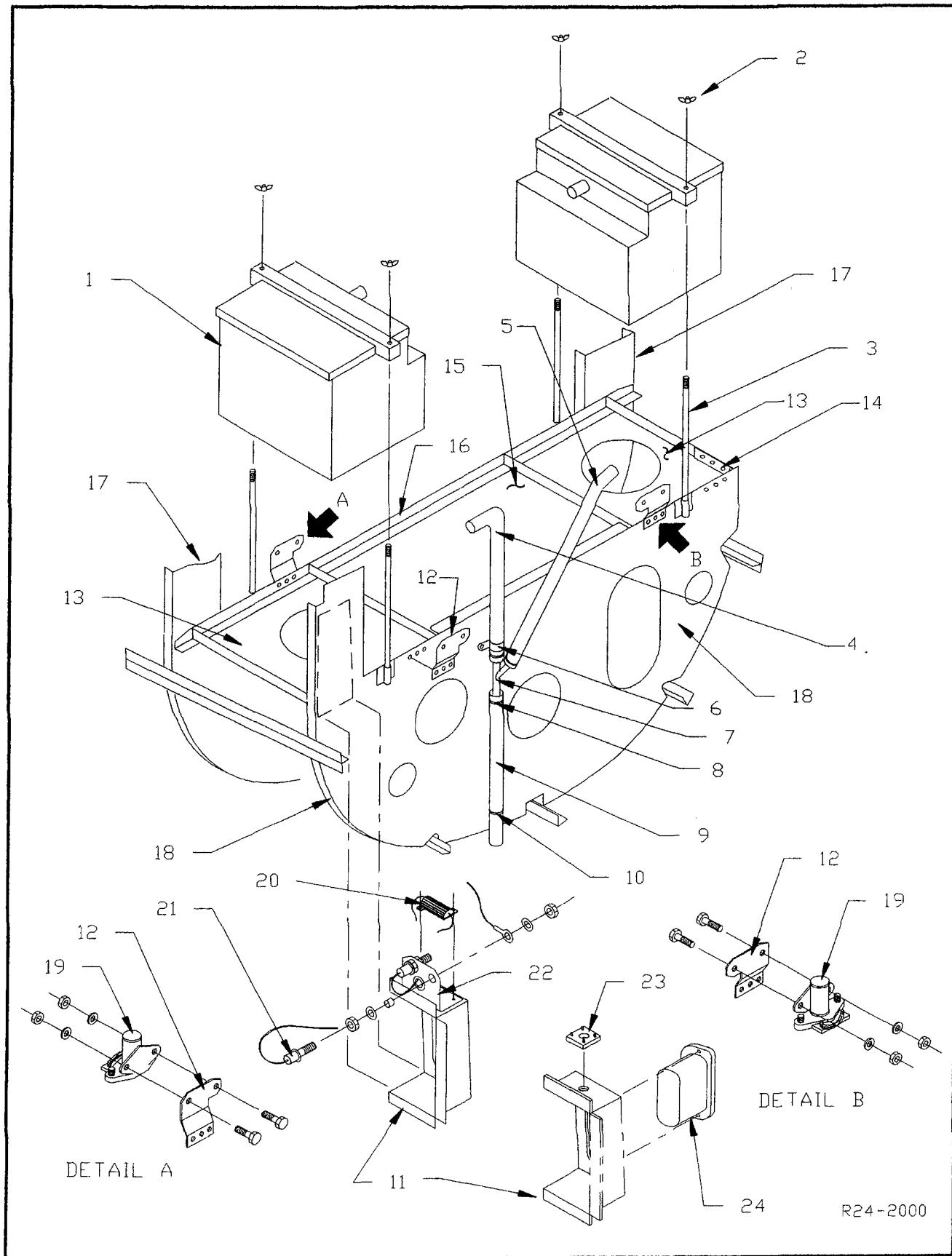


FIGURE 1 - BATTERY COMPARTMENT AND COMPONENTS

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
24-20-00				
1- -	350160-505	TAILCONE ASSEMBLY, BATTERY COMPARTMENT (SEE 53-10-03)	REF	
1- 1	G243	BATTERY, LH/RH, (24 VOLT) (GILL)	2	
1- 1	RG24-15M	BATTERY, LH/RH (24 VOLT) (CONCORDE)	2	
1- 2	3741	.@WING NUT, LH/RH	4	
1- 3	800163-009	.@BOLT ASSEMBLY, BATT HOLD DOWN	4	
1- 3	MS21075-06	..NUTPLATE	2	
1- 3	AN526C-632R-5	.@SCREW	2	
1- 4	800045-019	.TUBE, VENT	1	
1- 5	912004-011	.TUBE, VENT	1	
1- 6	MS21919WDG11	.@CLAMP	1	
1- 6	AN3-4A	.@BOLT	1	
1- 6	AN960-10	.@WASHER	1	
1- 6	MS21045-L3	.@NUT	1	
1- 7	800163-017	.WYE, VENT LINES	1	
1- 8	A12	.@CLAMP (CORBIN)	5	
1- 9	912004-009	.TUBE, VENT	1	
1- 10	SST1.5S	.@SAFETY WIRE	AR	
1- 11	800166-001	BRACKET (SEE 24-40-00)	REF	
1- 12	800166-003	.BRACKET, LH AFT	1	
1- 12	800166-004	.BRACKET, RH AFT	1	
1- 12	800166-004	.BRACKET, LH FWD	1	
1- 13	800163-003	.TRAY, LH/RH	2	
1- 14	800163-011	.BRACKET (2/TRAY)	4	
1- 15	350113-005	PLATE (SEE 53-10-03)	REF	
1- 16	350113-007	SUPPORT (SEE 53-10-03)	REF	
1- 17	350022-005	BULKHEAD, LOWER (SEE 53-10-03)	REF	
1- 17	350022-006	BULKHEAD, LOWER (SEE 53-10-03)	REF	
1- 18	800163-001	BULKHEAD (SEE 53-10-03)	REF	
1- 19	6041H-202	.RELAY, BATTERY (CUTLER HAMMER)	/1	2
1- 19	AN4-4A	.@BOLT	4	
1- 19	AN960-416L	.@WASHER	4	
1- 19	AN363-428	.@NUT	4	
1- 19	1N2483	.DIODE, RELAY (SARKES TARZIAN)	2	
1- 20	RH-25-1-25W	.RESISTOR, TRICKLE CHARGE (DALE)	1	
1- 20	AN470-4-3.5	@RIVET	2	
1- 21	10H3P	.DIODE, TRICKLE CHARGE (SARKES TARZIAN)(HDW SUPPLIED W/DIODE)	2	
1- 21	B5147F012	.BUSHING, NYLON (NEWARK)	2	
1- 21	B52600F001	.WASHER (NEWARK)	4	
1- 22	810175-509	BRACKET ASSEMBLY	1	
1- 22	1604-0410	@RIVET	2	
1- 22	810175-066	..BRACKET	1	
1- 22	MS35489-4	..GROMMET	1	
1- -	ELT110-4	EMERGENCY LOCATOR TRANSMITTER (ARTEX) (NI)	1	
1- -	452-0130	.BATTERY PACK, ELT (ARTEX) (NI)	1	
1- -	800270-501	VOLTAGE REGULATOR (SEE 71-00-00)(SINGLE ALT.)	/	REF
1- -	800397-501	VOLTAGE REGULATOR (SEE 71-00-00)(SINGLE ALT.)	//	REF
1- -	940105	STANDBY ALTERNATOR RETRO-FIT KIT (SEE 71-00-00)	REF	
1- -	BC203-2	STANDBY ALTERNATOR CONTROLLER (SEE 71-00-00)(DUAL ALT.)	REF	

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
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EFFECTIVITIES:

- I 29-0001 THRU 29-0199
 30-0001 THRU 30-0039
- II 29-0200 THRU 29-TBA
 30-0040 THRU 30-TBA

NOTES:

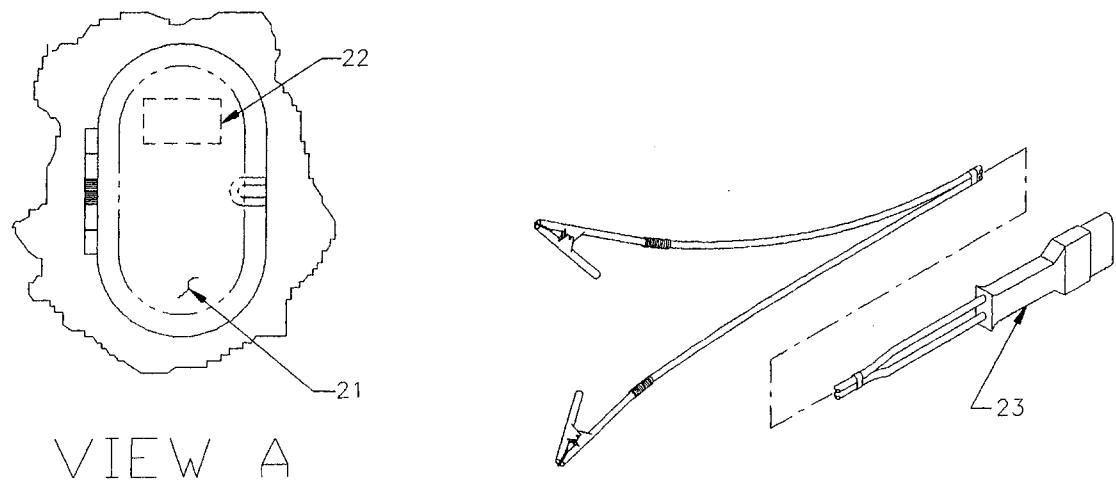
1. 6041H-202A RELAY IS AN ACCEPTABLE ALTERNATE FOR 6041H-202 RELAY.

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

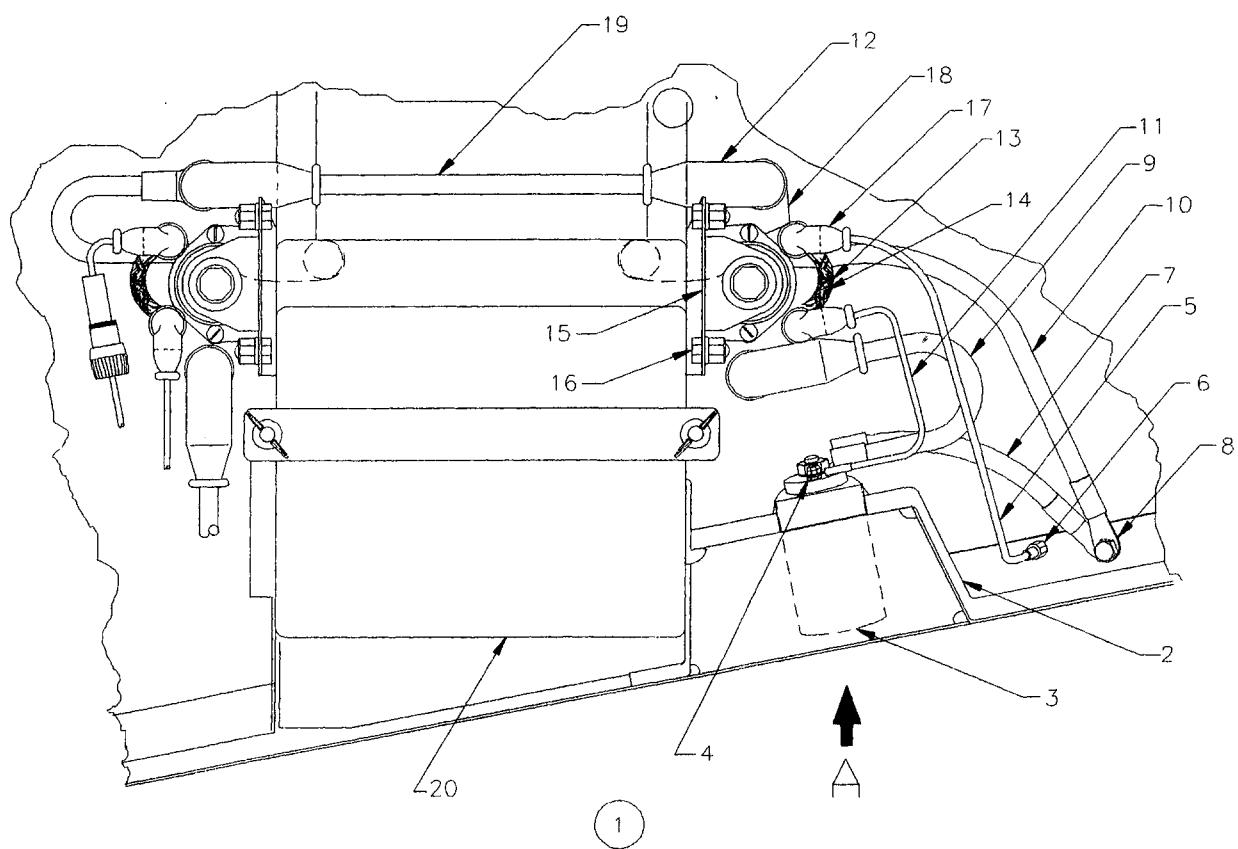
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M20R & M20S - ILLUSTRATED PARTS CATALOG



VIEW A



R24-4000

FIGURE 1 - AUXILIARY POWER RECEPTACLE / CABLE ADAPTER

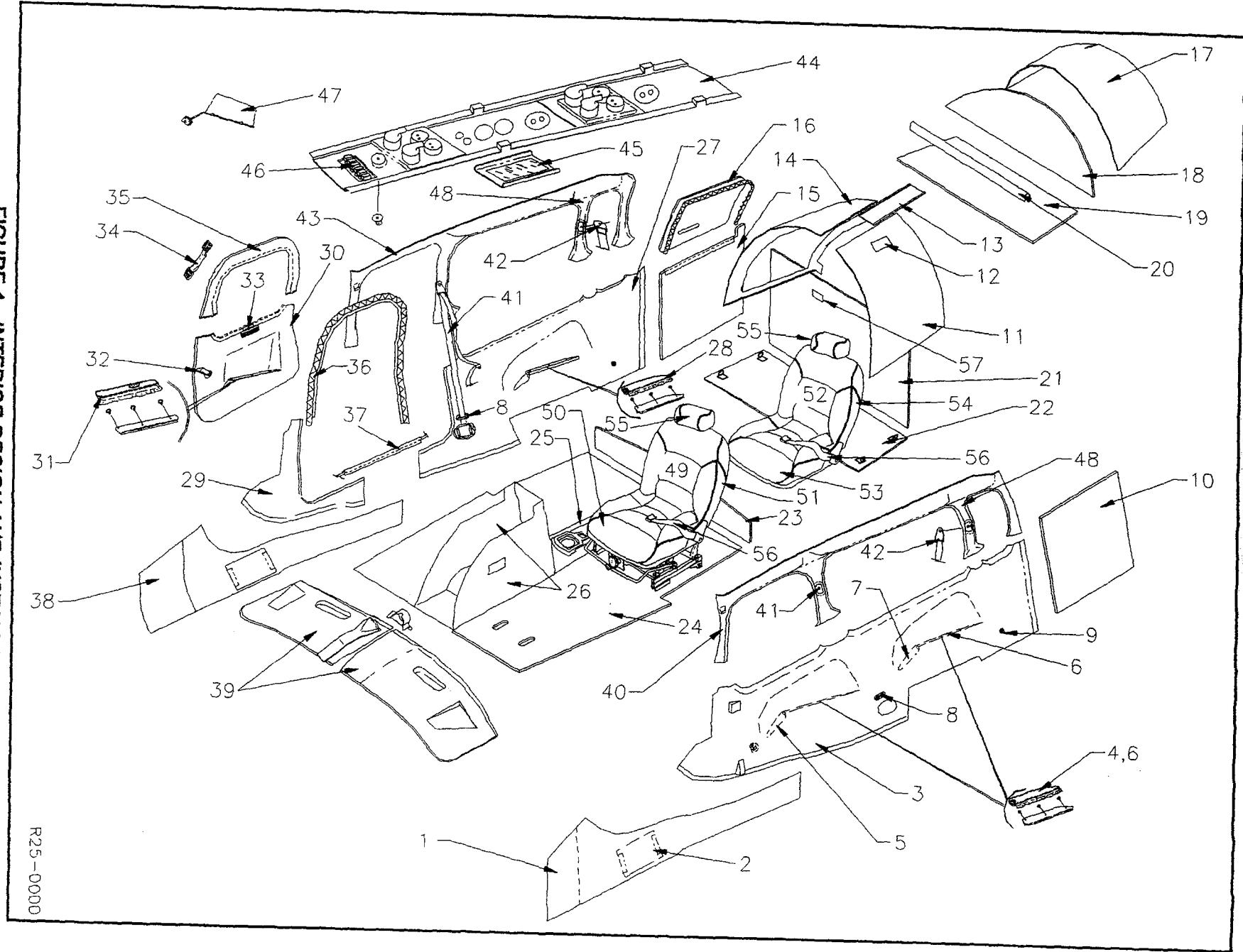
MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
24-40-00				
1- 1	800166-501	AUXILIARY POWER RECEPTACLE, INSTALLATION (SEE 95-00-00)		REF
1- 2	800166-001	.BRACKET		1
1- 2	MS21077-3K	..NUTPLATE		1
1- 3	MS3506-1	.RECEPTACLE	/1	1
1- 4	AN3-7A	.@BOLT		2
1- 4	AN960-10L	.@WASHER		2
1- 5	JKL-MA05A18			
		.WIRE (18 GAUGE)		1
1- 6	IOH3P	.DIODE		1
1- 6	1N1341	.DIODE (ALTERNATE)		1
1- 7	JKL-MA01A02			
		.WIRE (02 GAUGE)		1
1- 8	AN4-6A	.@BOLT		1
1- 8	AN960-416	.@WASHER		1
1- 8	MS21042-4	.@NUT		1
1- 9	JKL-MA02A02			
		.WIRE (02 GAUGE)		1
1- 10	L-PB14A06	.WIRE (06 GAUGE)		1
1- 11	JKL-MA04A18			
		.WIRE (18 GAUGE)		1
1- 12	MS25171-3S	.NIPPLE, TERMINAL END		5
1- 13	1N2483	.DIODE		1
1- 14	PVC105/2	.TUBING		1
1- 15	800166-003	BRACKET, LH (SEE 39-20-00)		REF
1- 15	800166-004	BRACKET, RH (SEE 39-20-00)		REF
1- 16	AN4-4A	.@BOLT		2
1- 16	AN960-416	.@WASHER		2
1- 16	MS21042-4	.@NUT		2
1- 17	MS25171-1S	NIPPLE, TERMINAL END		3
1- 18	6041H202A	.SOLENOID		1
1- 19	JKL-MA03A02			
		.WIRE (02 GAUGE)		1
1- 20	G-243	BATTERY (GILL) (SEE 24-20-00)		REF
1- 21	950006-501	.ACCESS DOOR ASSY		1
1- 21	950006-009	..DOOR		1
1- 21	950006-007	..DOUBLER		1
1- 21	950006-011	..HINGE		1
1- 21	950006-013	..RETAINER		1
1- 21	950006-015	..SEAL		1
1- 21	960008-000	..SPRING, HINGE		1
1- 22	150080-621	..DECAL (28 VOLTS ONLY)		1
1- 23	880042-501	CABLE ASSY, AUXILIARY POWER		1

NOTES:

- THE FOLLOWING RECEPTACLES ARE INTERCHANGEABLE WITH MS3506-1:
 - 1990-005/-0000 MFGD. BY BURTON, EL SEGUNDO, CA
 - X8349-15 IS MFG. BY JOY, NEW PHILADELPHIA, OHIO
 - 4621A MFG BY ANDERSON POWER PRODUCTS, BOSTON, MASS.
 - AN2552-3A

FIGURE 1 - INTERIOR DESIGN AND INSTALLATION



MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
25-00-00				
1- -	130250-501	INTERIOR INSTALLATION (SEE 00-00-00)		REF
1- 1	130250-097	.PANEL ASSEMBLY, FORWARD, LOWER, L/H, KICK	/1	1
1- 1	AN530-6R8	.@SCREW		7
1- 1	130250-095	..PANEL		1
1- 1	4587	..@ADHESIVE (ST. CLAIR)		AR
1- 1	1300	..@ADHESIVE (3M) (ALT)		AR
1- 1	SJ3541	..FASTENER, 1.0 x 6.0		2
1- 1	020010	..CARPET	/1	AR
1- 1	130250-165	..SCUFF PANEL	VII/	1
1- 1	-	..CEMENT, PVC (CLEAR)	VII/	AR
1- 2	130250-133	..POUCH ASSEMBLY		1
1- 2	130331-089	...STIFFENER		1
1- 2	.5 IN.	...ELASTIC, WHITE		AR
1- 2	SJ3542	...FASTENER, 1.0 x 6.0		2
1- 3	130250-051	.PANEL ASSEMBLY, LH SIDE	VIII/	1
1- 3	130250-033	..PANEL	VIII/	1
1- 3	130250-163	.PANEL ASSEMBLY, LH SIDE	IX/	1
1- 3	130250-161	..PANEL	IX/	1
1- 3	130250-187	.PANEL ASSEMBLY, LH SIDE	V/	1
1- 3	130250-185	..PANEL	V/	1
1- 3	SMOKE IZIT	..LEATHER (WILLOWTEX)	/2	AR
1- 3	12NF	..@ADHESIVE, SPRAY (PIERCE & STEVENS)		AR
1- 3	SMOKE IZIT	..LEATHER (WILLOWTEX)	/2	AR
1- 3	12NF	..@ADHESIVE, SPRAY (PIERCE & STEVENS)		AR
1- 3	130357-003	..INSERT	V/	1
1- 3	130357-005	..INSERT	V/	1
1- 3	150085-010	..PLACARD (PILOTS MIKE & PHONE)		1
1- 3	150085-013	..PLACARD (PILOTS MIKE & PHONE)(ALT)		1
1- 3	150085-011	..PLACARD (EMERG. MIKE & PHONE)		1
1- 3	130336-005	..ESCUOTCHEON (W/OXYGEN)		1
1- 3	130336-019	..ESCUOTCHEON (W/OXYGEN)(ALT)		1
1- 3	130336-021	..ESCUOTCHEON (W/O OXYGEN)		1
1- 3	AN531-4R4	..SCREW		2
1- 3	PS6SM10DL20GY	..@SCREW		4
1- 4	130250-039	..ARMREST ASSEMBLY, FORWARD, LH		1
1- 4	130250-035	...BASE		1
1- 4	11673	...@FASTENER		3
1- 4	130250-037	...PAD		1
1- 4	020015	..LEATHER	/2	AR
1- 3	1300	..ADHESIVE (3M)		AR
1- 3	4587	..ADHESIVE (ST. CLAIR)(ALT)		AR
1- 5	150085-001	..PLACARD, LH, FORWARD (W/ OXYGEN)		1
1- 5	150085-008	..PLACARD, LH, FORWARD (W/O OXYGEN)		1
1- 5	150085-014	..PLACARD, PILOT ARMREST	X	1
1- 5	PS4SM10DL01BK	..@SCREW		8
1- 5	A1890-4Z-1	..@NUT (BOND TO AFT SIDE OF PANEL)		8
1- 5	8001	..@ADHESIVE (3M)		AR
1- 5	P-24068	GAUGE, OXYGEN GAUGE		REF

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 5	130337-001	RETAINER, OXYGEN GAUGE		REF
1- 5	RA911-VBBOW	.SWITCH, CABIN LIGHT, MASTER		1
1- 5	RC911-VBBOW	.SWITCH, CABIN LIGHT		1
1- 6	130250-045	..ARMREST ASSEMBLY, AFT, LH		1
1- 6	130250-041	...BASE		1
1- 6	11673	...@FASTENER		3
1- 6	130250-043	...PAD		1
1- 6	020015	...LEATHER	/2	AR
1- 7	150085-003	..PLACARD, LH, AFT	XI/	1
1- 7	150085-016	..PLACARD, LH PASSENGER	X	1
1- 7	PS4SM10DL01BK	..@SCREW		2
1- 7	A1890-4Z-1	..@NUT (BOND TO AFT SIDE OF PANEL)		2
1- 7	8001	..@ADHESIVE (3M)		AR
1- 7	RC911-VBBOW	.SWITCH, CABIN LIGHT		1
1- 8	130250-047	..ESCUOTCHEON, SEAT BELT, INSIDE		1
1- 8	130250-049	..ESCUOTCHEON, SEAT BELT, OUTSIDE		1
1- 8	PVC	..@CEMENT, CLEAR		AR
1- 9	#2707	..VENT PLUG (HEYCO)		1
1- 10	130250-017	.PANEL ASSEMBLY, LH BAGGAGE, SIDE	/1	1
1- 10	130250-015	..PANEL		1
1- 10	020010	..CARPET	/1	AR
1- 11	130250-021	.HEADLINER ASSEMBLY, BAGGAGE, LH		1
1- 11	130250-019	..HEADLINER		1
1- 12	01-0770142-05	..LIGHT ASSEMBLY, BAG. COMPT. (WHELEN)		1
1- 12	02-0350291-00	...LENS ASSEMBLY		1
1- 12	130356-001	...LENS REPLACEMENT (ALT)		1
1- 12	#4-40x3/8	...@SCREW, FHMS, PHILLIPS HD		2
1- 12	#307	...LAMP, 18W, 28V		1
1- 12	38-0250124-00	...GASKET (A364)		1
1- 12	11-470123-003	...HOUSING ASSEMBLY, REFLECTOR		1
1- 12	33-05330245-0	...SOCKET, LAMP (W/ WIRE)		1
1- 12	#6LUG, SOLDER		1
1- 12	#6-32x1/4@SCREW, PHMS, PHILLIPS HD		1
1- 12	#6-32 BRASS@NUT, (1/4 HEX HD)		1
1- 12	#6	...WASHER, LOCK, INT. TOOTH		1
1- 12	800268-509	..CIRCUIT ASSEMBLY, CABIN LIGHT AUTO OFF	XII/	1
1- 12	800400-501	..CIRCUIT ASSEMBLY, CABIN LIGHT AUTO OFF	XIII/	1
1- 12	MS35649-242	..@NUT		4
1- 12	AN936-A4	..@WASHER		4
1- 12	AN530-8R6	..@SCREW		4

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 12	PS6SM10DL20GY			
1- 13	130250-139	.@SCREW		1
1- 14	130250-025	.PANEL ASSEMBLY, BAGG, HDLNR CLSOUT		1
1- 14	130250-023	.HEADLINER ASSEMBLY, BAGGAGE, RH		1
1- 14	#9240-0	..HEADLINER		1
1- 14	PS6SM10DL20GY	..SWITCH, LIGHT, BAGGAGE		1
1- 15	130250-013	.PANEL ASSEMBLY, BAGG, RH		1
1- 15	130250-011	..PANEL	/1	1
1- 15	020010	..CARPET	/1	AR
1- 16	130250-123	.COVER, BAGGAGE DOOR		1
1- 16	SFS4SM6DL20GY	..@SCREW		10
1- 16	130250-125	.COVER, BAGGAGE HANDLE		1
1- 16	340078-047	.FAIRING		1
1- 16	#3072	@SCREW		3
1- 16	130248-503	.WINDLACE		1
1- 16	130250-143	.CLIP		1
1- 17	130250-005	.HEADLINER, HAT RACK		1
1- 18	130250-061	.BACK ASSEMBLY, HAT RACK		1
1- 18	130250-003	..BACK		1
1- 18	130250-141	..WELT ASSEMBLY		1
1- 18	130250-059	..BACKING		1
1- 18	SFSW6SM10DG20GY	..@SCREW		2
1- 19	130250-001	.FLOOR, HATTRACK		1
1- 20	130250-031	.LIP, HATTRACK		1
1- 21	130250-009	.PANEL ASSEMBLY, REAR BAGGAGE	/1	1
1- 21	130250-007	..PANEL		1
1- 21	020010	..CARPET	/1	AR
1- 22	130281-505	.FLOORMAT ASSEMBLY		1
1- 22	130281-103	..ANGLE, LH/RH (NI)		2
1- 22	#77	..@ADHESIVE, SPRAY		AR
1- 23	130328-503	.PANEL ASSEMBLY		1
1- 23	AN507-8R7	@SCREW		4
1- 23	MS24693-S33	..@SCREW (ALT)		4
1- 23	#7615	..@WASHER		4
1- 24	130333-505	.CARPET INSTALLATION		1
1- 24	130333-007	..CARPET, LH		1
1- 24	130333-009	..CARPET, RH		1
1- 24	130333-011	..CARPET, FWD, CENTER		1
1- 24	130333-015	..CARPET, AFT, CENTER		1
1- 24	130197-509	.FAIRING INSTALLATION		1
1- 24	130197-013	..FAIRING, LH		1
1- 24	130197-014	..FAIRING, RH		1
1- 24	#3073	@SCREW		10
1- 24	A1890-4Z-1	..@NUT		2
1- 25	130319-003	.CONSOLE, FRONT SEAT, CENTER		1
1- 25	AN530-8R6	..@SCREW		2

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 26	130251-501	.COVER, LH, NLG WHEELWELL		1
1- 26	130251-001	..BASE PANEL, LH		1
1- 26	130251-005	..BUBBLE		1
1- 26	1/8" THICK	..ENSOLITE (TYPE "M" or "MC")		AR
1- 26	IZIT	..LEATHER (SMOKE)		AR
1- 26	1357	..ADHESIVE (3M)		AR
1- 26	PS8SM8DLO2GY			
		..@SCREW		4
1- 26	130251-503	.COVER, RH, NLG WHEELWELL		/ 1
1- 26	130251-003	..BASE PANEL, RH		/ 1
1- 26	130251-505	.COVER, RH, NLG WHEELWELL		II/ 1
1- 26	130251-007	..BASE PANEL, RH		II/ 1
1- 26	1/8" THICK	..ENSOLITE (TYPE "M" or "MC")		AR
1- 26	IZIT	..LEATHER (SMOKE)		/ AR
1- 26	5681	..ULTRA-LEATHER (SMOKE)		II/ AR
1- 26	1357	..ADHESIVE (3M)		AR
1- 26	PS8SM8DLO2GY			
		..@SCREW		5
1- 26	PS8SM8DS01BG			
		..@SCREW		2
1- 26	MS51861-35	..@SCREW (ALT)		2
1- 27	130250-065	.PANEL ASSEMBLY, RH SIDE		VIII/ 1
1- 27	130250-057	..PANEL		VIII/ 1
1- 27	130250-159	.PANEL ASSEMBLY, RH SIDE		IX/ 1
1- 27	130250-157	..PANEL		IX/ 1
1- 27	130250-047	..ESCUOTCHEON, SEAT BELT, INSIDE (SEE ITEM 8)		1
1- 27	130250-049	..ESCUOTHEON, SEAT BELT, OUTSIDE (SEE ITEM 8)		1
1- 27	PVC	..@CEMENT, CLEAR		AR
1- 27	#2707	..VENT PLUG (HEYCO) (SEE ITEM 9)		1
1- 27	SMOKE IZIT	..LEATHER (WILLOWTEX)		/2 AR
1- 27	12NF	..@ADHESIVE, SPRAY (PIERCE & STEVENS)		AR
1- 27	150085-004	..PLACARD		1
1- 27	PS4SM10DL01BK			
		..@SCREW		2
1- 27	A1890-4Z-1	..@NUT (BOND TO AFT SIDE OF PNL)		2
1- 27	8001	..@ADHESIVE (3M) (BOND NUTS)		AR
1- 27	DEF403	..WOOL, STRETCH (DOUGLAS INT. PROD)		AR
1- 27	PS6SM10DL20GY			
		..@SCREW		4
1- 28	130250-046	..ARMREST ASSEMBLY, AFT, RH		1
1- 28	020015	..LEATHER		/2 AR
1- 28	130250-042	..BASE		1
1- 28	130250-043	..PAD		1
1- 28	11673	..@FASTENER		3
1- 28	1300	..@ADHESIVE		AR
1- 28	4587	..@ADHESIVE (ALT)		AR
1- 29	130250-077	.PANEL ASSEMBLY, RH SIDE		IV/ 1
1- 29	130250-075	..PANEL		IV/ 1
1- 29	130250-183	.PANEL ASSEMBLY, RH SIDE		V/ 1
1- 29	130250-181	..PANEL		V/ 1
1- 29	SMOKE IZIT	..LEATHER		/2 AR

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 29	12NF	..@ADHESIVE, SPRAY (PIERCE & STEVENS)		AR
1- 29	150085-002	..PLACARD		1
1- 29	PS4SM10DL01BK	..@SCREW		2
1- 29	#13840	..@BASE		1
1- 29	#13833	..@BUTTON		1
1- 29	AN530-6R8	..@SCREW		1
1- 30	130250-087	.PANEL ASSEMBLY, LOWER DOOR		1
1- 30	130250-079	..PANEL		1
1- 30	SMOKE IZIT	..LEATHER	/2	AR
1- 30	DEF403	..WOOL, STRETCH		AR
1- 30	12NF	..@ADHESIVE, SPRAY (PIERCE & STEVENS)		AR
1- 30	AN531-4R6	..@SCREW		4
1- 31	130250-085	.ARMREST ASSEMBLY, CABIN DOOR		1
1- 31	130250-081	..BASE		1
1- 31	11673	..@FASTNER		4
1- 31	130250-083	..PAD		1
1- 31	020015	..LEATHER	/2	AR
1- 31	1300	..@ADHESIVE (3M)		AR
1- 31	4587	..@ADHESIVE (ALT) (ST. CLAIR)		AR
1- 32	310301-501	.HANDLE ASSEMBLY, DOOR (SEE 52-10-00)		1
1- 32	130338-001	.ESCUTHEON, DOOR HANDLE		1
1- 33	130250-113	.COVER ASSEMBLY		1
1- 33	130250-111	..COVER		1
1- 33	SMOKE IZIT	..LEATHER	/2	AR
1- 33	SJ3542	..@FASTENER (3M)		AR
1- 33	130250-109	.PULL ASSEMBLY		1
1- 33	SJ3541	..@FASTNER (3M)		AR
1- 33	130250-115	.CLOSEOUT		1
1- 33	AN530-4R6	..@SCREW		2
1- 34	130101-503	.HAND HOLD ASSEMBLY		1
1- 34	MS24693-273	..@SCREW		4
1- 34	130250-063	.COVER		2
1- 34	130250-103	.COVER		2
1- 34	#468	..@ADHESIVE		AR
1- 34	130101-009	..BACK UP		2
1- 34	130101-011	..SPACER		2
1- 35	130250-091	.PANEL ASSEMBLY, DOOR, TOP		1
1- 35	130250-089	..PANEL		1
1- 35	AN531-4R6	..@SCREW		2
1- 36	130248-501	.WINDLACE, CABIN DOOR		1
1- 37	340078-045	.FAIRING, CABIN DOOR FRAME		1
1- 37	1601-0410	..@RIVETS, AVEX		7
1- 38	130250-101	.PANEL ASSEMBLY, RH, LWR, KICK	/1	1
1- 38	AN5306R8	..@SCREW		7
1- 38	130250-099	..PANEL		1
1- 38	130250-167	..SCUFF PANEL	VII/	1
1- 38	-	..CEMENT, PVC (CLEAR)	VII/	AR
1- 38	130250-133	.POUCH ASSEMBLY (SEE ITEM 2)		1
1- 38	020010	..CARPET	/1	AR

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 38	SJ3542	..@FASTENER		AR
1- 38	1300	..@ADHESIVE (3M)		AR
1- 38	4587	..@ADHESIVE (ALT) (ST CLAIR)		AR
1- 39	130320-501	.GLARESHIELD ASSEMBLY (SEE 39-10-01)		1
1- 40	130250-055	.PANEL ASSEMBLY, LH WINDOW		1
1- 40	130250-053	..PANEL		1
1- 40	SJ3541	..@FASTNER, .5 IN. WIDE. (3M)		AR
1- 40	DEF403	..WOOL, STRETCH		AR
1- 41	140318-501	RESTRAINT ASSEMBLY, FORWARD (AM-SAFE)		2
1- 41	AN4-6A	.@BOLT		1
1- 41	AN945-4P	.@WASHER		1
1- 41	NAS75-4-12	.@SPACER		1
1- 41	RHW-203	.@WASHER		1
1- 41	RH-20	.@SCREW, CAP		1
1- 41	AN3-5A	.@BOLT, REEL ATTACH		2
1- 41	AN935-10	.@WASHER, REEL ATTACH		2
1- 41	442251	..WEB (AM-SAFE)		1
1- 41	501028	..WEB (AM-SAFE)		1
1- 41	500282-011	..PLATE, END FTG (AM-SAFE)		2
1- 41	380367	..RUNNING LOOP (AM-SAFE)		1
1- 41	449351	..BUCKLE (AM-SAFE)		1
1- 41	501580-443	..INERTIA REEL (AM-SAFE)		1
1- 42	140318-505	.RESTRAINT ASSEMBLY, LH AFT		1
1- 42	140318-506	.RESTRAINT ASSEMBLY, RH AFT		1
1- 42	AN4-6A	.@BOLT		1
1- 42	AN945-4P	.@WASHER		1
1- 42	NAS75-4-012	.@SPACER		1
1- 42	RHW-203	.@WASHER		1
1- 42	RH-20	.@SCREW, CAP		1
1- 43	130250-069	.PANEL ASSEMBLY, RH WINDOW	/4	1
1- 43	130250-067	..PANEL, RH WINDOW	/4	1
1- 43	130250-147	.PANEL ASSEMBLY, RH WINDOW POST	/4	1
1- 43	130250-145	..PANEL, RH WINDOW POST	/4	1
1- 43	130250-153	.PANEL ASSEMBLY, RH WINDOW	/4	1
1- 43	130250-151	..PANEL, RH WINDOW	/4	1
1- 43	SJ3541	..@FASTNER, .5 IN. WIDE.		AR
1- 44	130250-073	.HEADLINER ASSEMBLY	III/	1
1- 44	130250-071	..HEADLINER	III/	1
1- 44	130250-173	.HEADLINER ASSEMBLY	IV/	1
1- 44	130250-171	..HEADLINER	IV/	1
1- 44	130250-191	.HEADLINER ASSEMBLY	VI/	1
1- 44	130250-189	..HEADLINER	VI/	1
1- 44	130250-093	..ESCUTCHEON (OPT)		1
1- 44	SONALERT	..SONALERT (OPT)	III/	2
1- 44	AN530-4R6	..@SCREW	III/	2
1- 44	2713	..PLUG		4
1- 44	IZIT	..LEATHER (SMOKE)	III/	AR
1- 44	SJ3542	..@FASTENER, 1.0 x 3.0		AR
1- 44	914083-001	..LIGHT, INT. O/H	/3	4
1- 44	3972-2	..VENT, WEMAC	/3	4
1- 44	40-1333C	..SPEAKER (REALISTIC)		1

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 44	40-1325A	..SPEAKER (CAN BE USED FOR ALT. OF 40-1333C)	IV/	1
1- 44	PCX352	..SPEAKER	V/	1
1- 44	MS24693-S50	..@SCREW	III/	2
1- 44	MS24693-S50	..@SCREW	V/	10
1- 44	RM52LHTA4972-6-82	..@CLIP NUT	III/	2
1- 44	130250-117	..BOX	IV/	1
1- 44	130250-179	..BOX ASSEMBLY, SPEAKER	V/	1
1- 44	130250-175	...BOX	V/	1
1- 44	130250-177	...COVER	V/	1
1- 44	AN931-5-9	...GROMMET	V/	1
1- 44	AN530-4R6	..SCREW	V/	2
1- 44	MS24693-S50	...SCREW	V/	4
1- 44	-	...CEMENT, PVC (CLEAR)	V/	AR
1- 44	RM52LHTA4972-6-82	...CLIP NUT	V/	4
1- 44	130250-121	..GRILL ASSEMBLY	VI/	1
1- 44	130250-119	...GRILL	VI/	1
1- 44	1300	...ADHESIVE (3M)	VI/	AR
1- 44	4587	...ADHESIVE (ST. CLAIR)(ALT)	VI/	AR
1- 44	0301	...EUROSTRETCH	VI/	AR
1- 44	DEF403	...STRETCHWOOL MATERIAL	VI/	AR
1- 44	130250-169	..SHIM	VI/	2
1- 44	130338-005	..DOUBLER	VI/	1
1- 44	MS20426A3	..RIVET	VI/	AR
1- 44	MS24693-S25	..SCREW	VI/	12
1- 44	MS21042-06	..NUT	VI/	4
1- 44	RM52LHTA57-62	..PLATE NUT	VI/	4
1- 44	PS4SM6DL20GY	..SCREW	VI/	4
1- 44	PS6C8DL01BK	..SCREW	VI/	4
1- 44	150085-005	..PLACARD	IV/	1
1- 44	150085-009	..PLACARD (ALT)	IV/	1
1- 44	1601-0410	..@RIVET, AVEX		4
1- 44	AN960-4L	..@WASHER		4
1- 45	130250-121	..GRILL ASSEMBLY		1
1- 45	130250-119	...COVER		1
1- 45	PS4SM6DL20GY	..@SCREW		4
1- 46	150085-005	..PLACARD		1
1- 46	130338-001	..DOUBLER		1
1- 46	PS6C8DL01BK	..@SCREW		6
1- 46	RM52LHTA57-62	..@NUT PLATE		6

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 46	880052-123	..SWITCH, TAXI LIGHT		1
1- 46	880052-121	..SWITCH, LANDING LIGHT		1
1- 46	MS24693-S25	..@SCREW (SW. ATTACH-2 EA.)		4
1- 46	MS21042-06	..@NUT PLATE		2
1- 46	930023-331	..SW/CB, RECOG. LIGHT		1
1- 46	930023-337	..SW/CB, STROBE LIGHT		1
1- 46	930023-343	..SW/CB, BEACON		1
1- 46	930023-351	..SW/CB, NAV LIGHT		1
1- 46	MS24693-S25	..@SCREW (SW/CB ATTACH-2 EA.)		8
1- 47	130355-503	.SUNVISOR ASSEMBLY, LH	XI/	1
1- 47	130355-502	.SUNVISOR ASSEMBLY, RH		1
1- 47	130355-511	.SUNVISOR ASSEMBLY, LH	X/	1
1- 47	MS24694-S104	..@SCREW (TO NUTPLATE ON FUSELAGE)		2
1- 47	90295A140	..@WASHER		2
1- 47	130355-003	..PLEXIGLASS, LH, (#274 GRAY)		1
1- 47	130355-002	..PLEXIGLASS, RH, (#274 GRAY)		1
1- 47	130355-003	..ROD, LH		1
1- 47	130355-004	..ROD, RH		1
1- 47	130355-005	..RETAINER, LH (ROD TO PLEXIGLASS)		1
1- 47	130355-006	..RETAINER, RH (ROD TO PLEXIGLASS)		1
1- 47	FH8C5DL01BK	..@SCREW		2
1- 47	NAS1352-08-4	..@SCREW, CAP		2
1- 47	130355-007	..RETAINER, LH (ROD TO FUSELAGE)		1
1- 47	130355-008	..RETAINER, RH (ROD TO FUSELAGE)		1
1- 47	91251A192	..@SCREW, CAP		2
1- 48	130250-127	.CLOSEOUT, LH		1
1- 48	130250-128	.CLOSEOUT, RH		1
1- 48	130250-135	.CLIP		3
1- 48	4587	..@ADHESIVE	AR	
1- 49	140215	SEAT ASSEMBLY, PILOT/CO-PILOT (SEE 25-10-00)		REF
1- 50	140320	SEAT, UPHOLSTERED ASSEMBLY (SEE 25-00-01)		REF
1- 50	140271	SEAT CUSHION, BOTTOM (SEE 25-00-01)		REF
1- 51	140271	SEAT CUSHION, BOTTOM (SEE 25-00-01)		REF
1- 51	140320	SEAT CUSHION, BACK (SEE 25-00-01)		REF
1- 52	140220	REAR SEAT INSTALLATION (SEE 25-20-01)		REF
1- 53	140185	CUSHION ASSEMBLY, REAR SEAT BOTTOM (SEE 25-00-01)		REF
1- 53	140322	CUSHION ASSEMBLY, REAR SEAT BOTTOM (SEE 25-00-01)		REF
1- 54	140186	CUSHION ASSEMBLY, REAR SEAT BACK (SEE 25-00-01)		REF
1- 54	140322	CUSHION ASSEMBLY, REAR SEAT BACK (SEE 25-00-01)		REF
1- 55	140313-503	.HEADREST ASSEMBLY (SEE 25-00-02)		2
1- 56	140262-513	.SEAT BELT, LH		1
1- 56	140262-514	.SEAT BELT, RH		1
1- 57	880035-507	.HOURMETER		1
1- -	140338	SEAT ASSEMBLY, FRONT AND REAR (SEE 25-00-01)		REF

**MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG**

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
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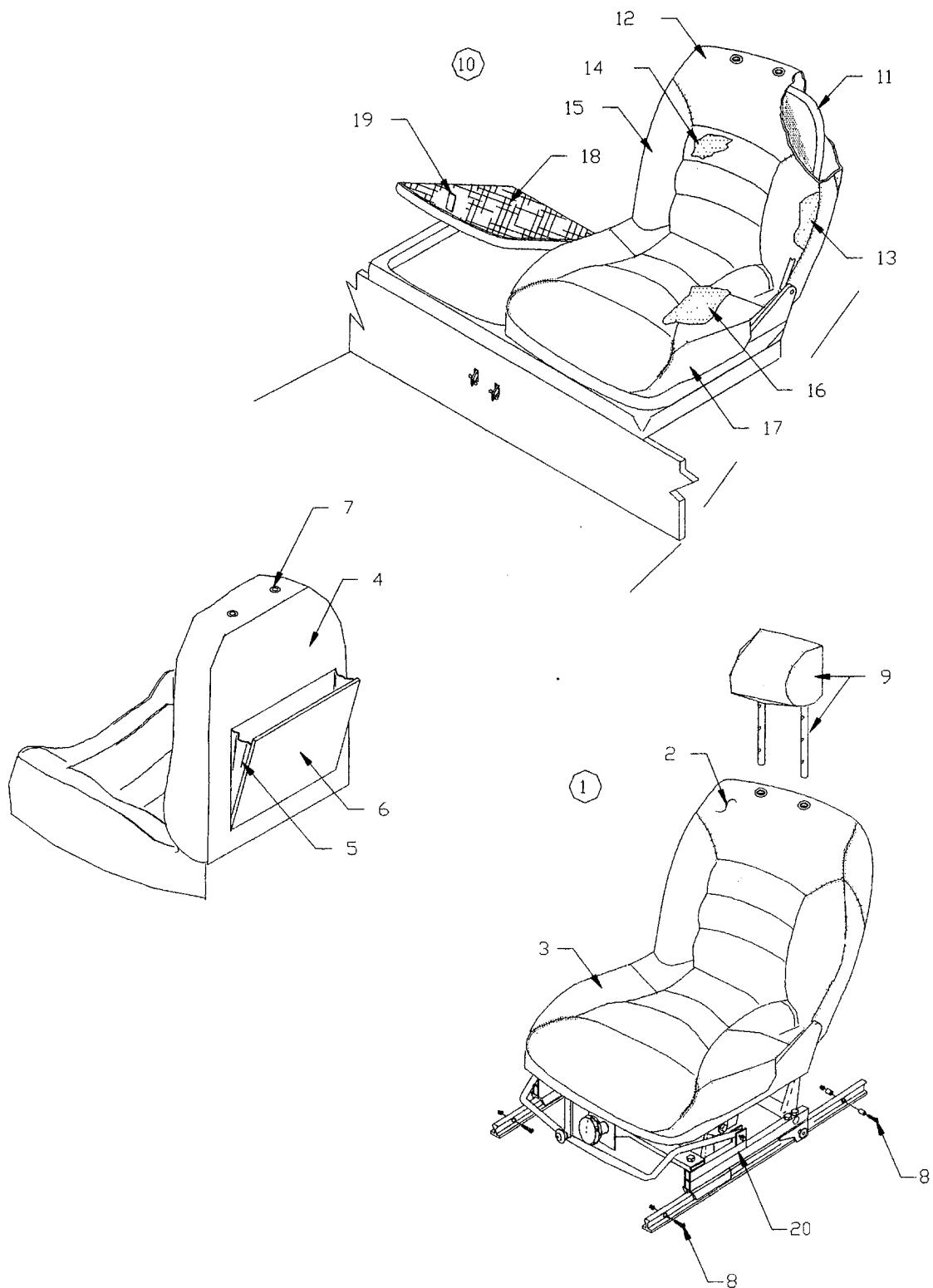
EFFECTIVITIES:

- I 29-0001 THRU 29-0130 & 29-0132 THRU 29-0135
- II 29-0131, 29-0136 THRU 29-TBA
- III 29-0001 THRU 29-0079 & 29-0081 THRU 29-0086
- IV 29-0080, 29-0087 THRU 29-0143
- V 29-0144 THRU 29-TBA
- VI 29-0080, 29-0087 THRU 29-TBA
- VII 29-0072 THRU 29-TBA
- VIII 29-0001 THRU 29-0056
- IX 29-0057 THRU 29-0143
- X 30-0001 THRU 30-TBA
- XI 29-0001 THRU 29-TBA
- XII 29-0001 THRU 29-0199
30-0001 THRU 30-0039
- XIII 29-0200 THRU 29-TBA
30-0040 THRU 30-TBA

NOTES:

1. CARPET OPTIONS (WHEN AVAILABLE) TO BE SELECTED FROM DWG 020010
2. LEATHER OPTIONS (WHEN AVAILABLE) TO BE SELECTED FROM DWG 020015.
3. POSITION OF LIGHTS AND WEMACS MAY BE SWITCHED (FRONT TO REAR) ON SOME AIRCRAFT.
4. 130250-153 PANEL ASSEMBLY IS ONE PIECE ASSEMBLY THAT MAY INSTALLED ON AIRCRAFT
INSTEAD OF 130250-069 & -147 (2 PIECE) PANEL ASSEMBLIES.

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG



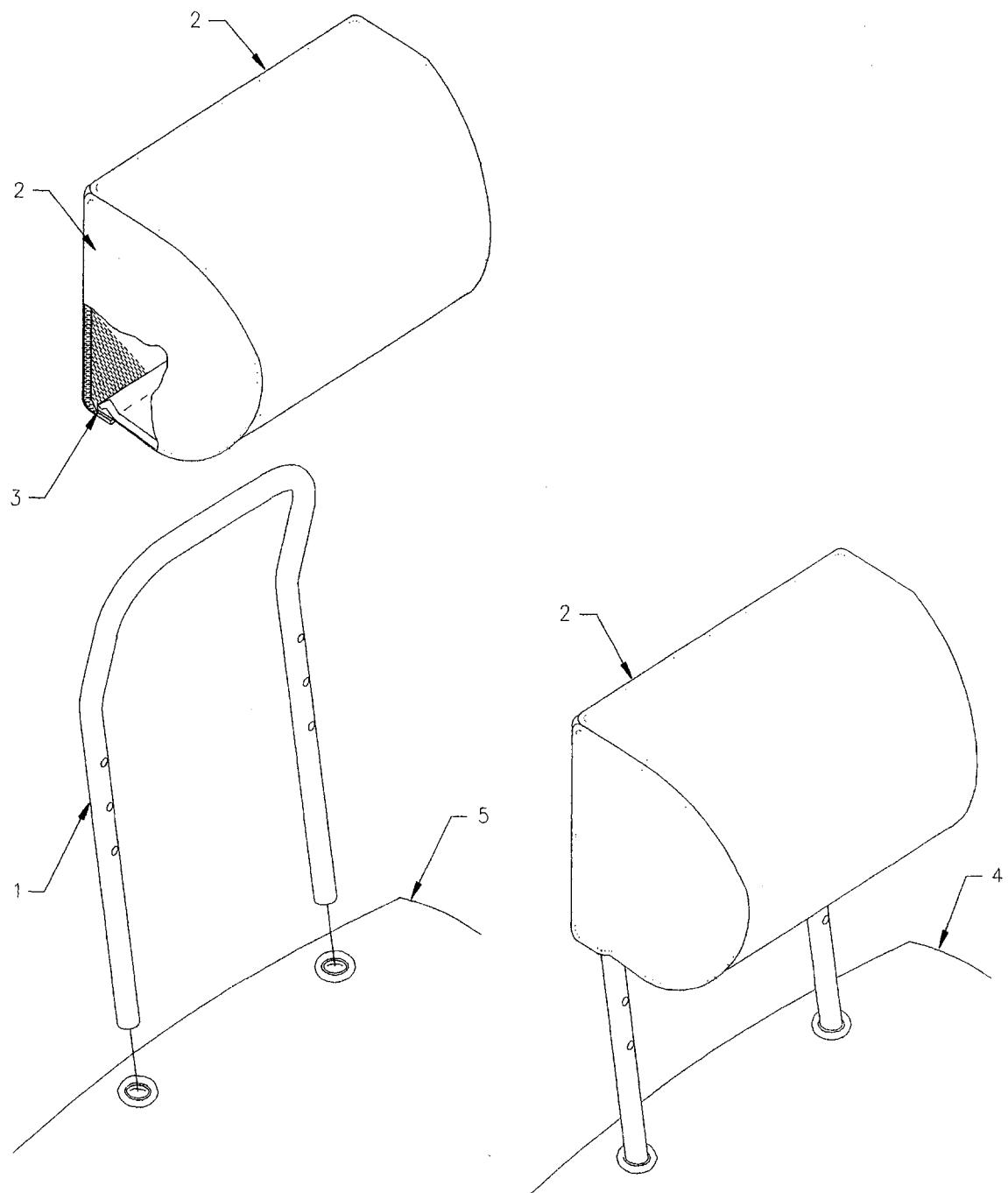
R25-0001A

FIGURE 2 - SEAT STYLING ASSEMBLY AND INSTALLATION (29-0001 thru 29-0075)

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
25-00-01				
2- 1	140320-523	SEAT UPHOLSTERED ASSEMBLY (SEE 00-00-00)		REF
2- 2	130313	MATERIAL (SEE 25-00-00)		REF
2- 2	140235	MATERIAL (SEE 25-00-00)		REF
2- 2	140320-521	..SEAT BACK ASSEMBLY		1
2- 3	140320-519	..SEAT BOTTOM ASSEMBLY		1
2- 4	140320-507	..CLOSE OUT ASSEMBLY		1
2- 5	140320-509	..POUCH ASSEMBLY		1
2- 6	140320-511	..DOOR ASSEMBLY		1
2- 7	MS220-48C1	.GROMMET & WASHER		2
2- 7	#5	.GROMMET, BRASS (STIMPSON)(ALT)		2
2- 7	#C88	.WASHER, BRASS (STIMPSON)(ALT)		2
2- 8	MS35206-244	.SCREW, FORWARD		2
2- 8	MS21042-08	.NUT, FORWARD		2
2- 8	MS35206-247	.SCREW, AFT		2
2- 8	140188-001	.BUSHING, AFT		4
2- 8	MS21042-08	.NUT, AFT		2
2- 8	340295	FLOORBOARD (SEE 53-20-01)		REF
2- 9	140313	HEADREST ASSEMBLY (SEE 25-00-02 FOR OPTIONAL P/N's)		REF
2- 10	140322	SEAT UPHOLSTERED ASSEMBLY, REAR (SEE 00-00-00)		REF
2- 11	140184	.SEAT BACK, FRONT (SEE 25-20-01)		REF
2- 12	140322-513	.BACK CUSHION ASSEMBLY		1
2- 12	140321-003	..BACK SHELL		1
2- 12	140079-003	..PANEL		1
2- 12	140077-501	..EXTENSION		1
2- 12	1601-0410	..RIVET		12
2- 12	AN960-6	..WASHER		12
2- 12	AN415-2	..PIN		2
2- 12	140322-001	..FOAM		1
2- 13	7 oz	.FELT, DACRON		AR
2- 14	RF-15	.FOAM 1/4" THK		AR
2- 14	#905	.PELLON		AR
2- 15	130297	SEAT COVER BACK (SEE 25-00-01)		REF
2- 16	140322-511	.CUSHION ASSEMBLY, BOTTOM (SEE 25-00-00)		1
2- 16	140185-001	..CUSHION		1
2- 16	RF-15	...FOAM 1/4" THICK		AR
2- 16	#905	.PELLON		AR
2- 17	130297	SEAT COVER BOTTOM (SEE 11-10-00)		REF
2- 18	130297	CARPET (SEE 11-10-00)		REF
2- 18	140322-505	.COVER ASSEMBLY		1
2- 18	140322-005	..COVER		AR
2- 18	#1357	..@ADHESIVE		AR
2- 19	140322-003	.TAB		1
2- 20	140215-503	.FRAME ASSEMBLY, SEAT		1

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG



R25-0002

FIGURE 3 - HEADREST ASSEMBLY

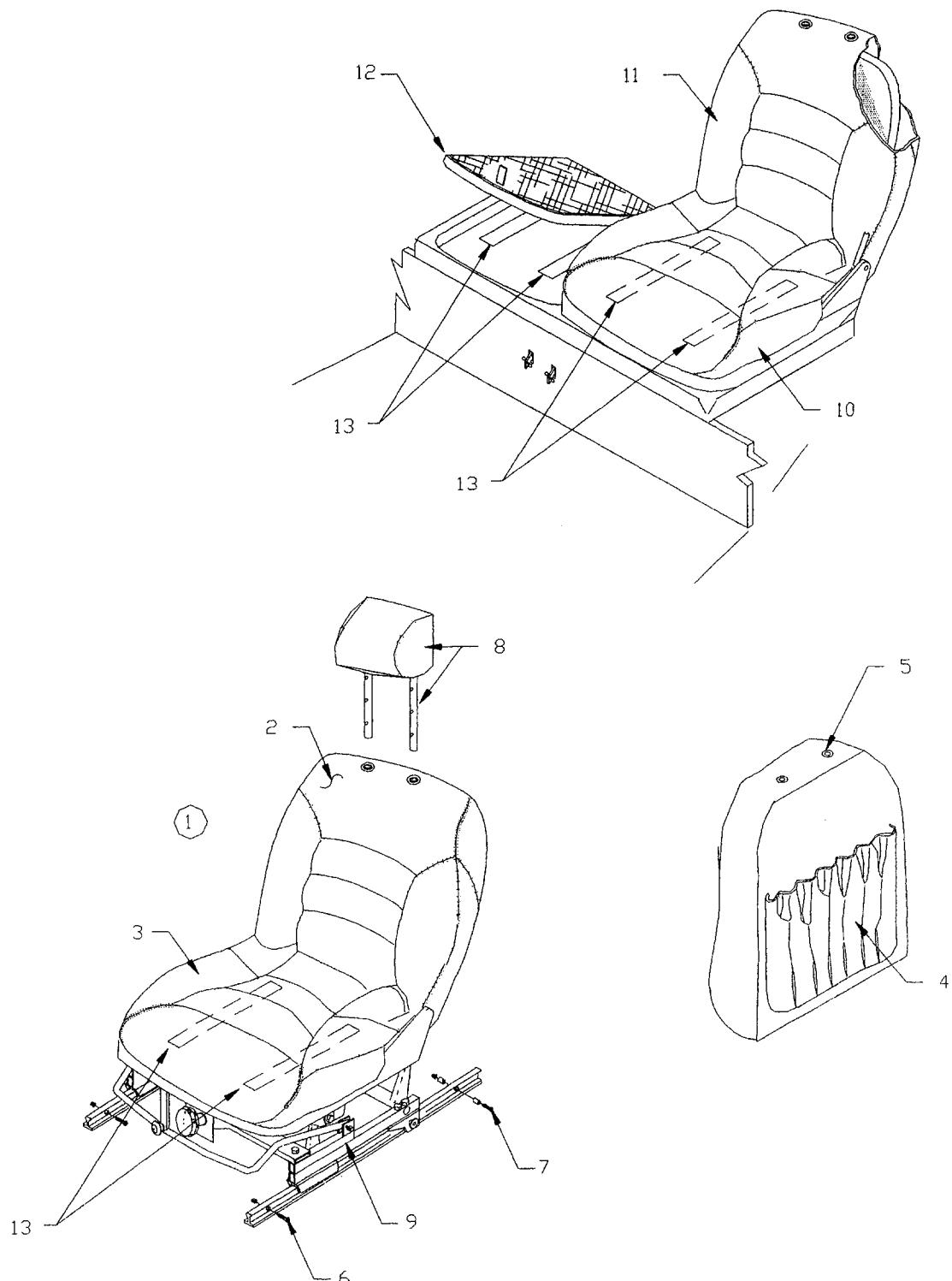
MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
25-00-02				
3- -	140323-501	HEADREST ASSEMBLY, FRONT & REAR (SEE 95-00-00)		REF
3- 1	140323-005	.TUBE		1
3- 2	140323-503	.COVER ASSEMBLY	/1	1
3- 2	-	..LEATHER	/1	AR
3- 2	#905	..PELLON		AR
3- 2	#SJ-3536	..VELCRO LOOP		AR
3- 2	#SJ-3537	..VELCRO HOOK		AR
3- 3	140323-003	.FOAM		1
3- 4	140320	SEAT UPHOLSTERY ASSEMBLY, FRONT (SEE 25-00-02)		REF
3- 5	140322	SEAT UPHOLSTERY ASSEMBLY, REAR (SEE 25-00-02)		REF

NOTES:

1. SEE 11-10-00 FOR COVER MATERIAL AND COLOR COORDINATION.

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG



R25-0003

FIGURE 4 - SEAT STYLING ASSEMBLY & INSTALLATION (29-0076 THRU 29-TBA)

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
25-00-03				
4- -	140338-501	SEAT UPHOLSTERED ASSEMBLY (SEE 00-00-00)	I/	REF
4- 1	140338-013	.SEAT ASSEMBLY, CO-PILOT		1
4- 1	140338-014	.SEAT ASSEMBLY, PILOT		1
4- 2	020010	MATERIAL (SEE 25-00-00)		REF
4- 2	140338-011	..SEAT BACK ASSEMBLY		1
4- 2	140338-003	...CUSHION, SEAT BACK		1
4- 3	140338-009	..SEAT BOTTOM ASSEMBLY		1
4- 3	140338-001	...CUSHION, SEAT BOTTOM		1
4- 4	-	POUCH ASSEMBLY (OPT)		REF
4- 5	MS220-48C1	.GROMMET & WASHER		2
4- 5	#5	.GROMMET, BRASS (STIMPSON)(ALT)		2
4- 5	#C88	.WASHER, BRASS (STIMPSON)(ALT)		2
4- 6	MS27039-0816			
		.SCREW, FORWARD		2
4- 6	140188-001	.BUSHING		4
4- 6	MS21042-08	.NUT, FORWARD		2
4- 7	MS27039-0816			
		.SCREW, AFT		2
4- 7	140339-001	.STOP		4
4- 7	MS21042-08	.NUT, AFT		2
4- 8	140313	HEADREST ASSEMBLY (SEE 25-00-02 FOR OPTIONAL P/N's)		REF
4- 9	140336	.FRAME ASSEMBLY, PILOT/CO-PILOT SEAT (SEE 25-10-00)		REF
4- 10	140338-017	.CUSHION ASSEMBLY, REAR SEAT BOTTOM		2
4- 11	140338-015	.CUSHION ASSEMBLY, REAR SEAT TOP		2
4- 12	140184	BACK ASSEMBLY, REAR SEAT (SEE 25-20-01)		REF
4- 13	SJ-3402	.VELCRO		AR
4- 13	SJ-3401	.VELCRO		AR
4- 13	#4587	..ADHESIVE		AR

EFFECTIVITIES:

- | 29-0076 THRU 29-TBA
- 30-0001 THRU 30-TBA

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

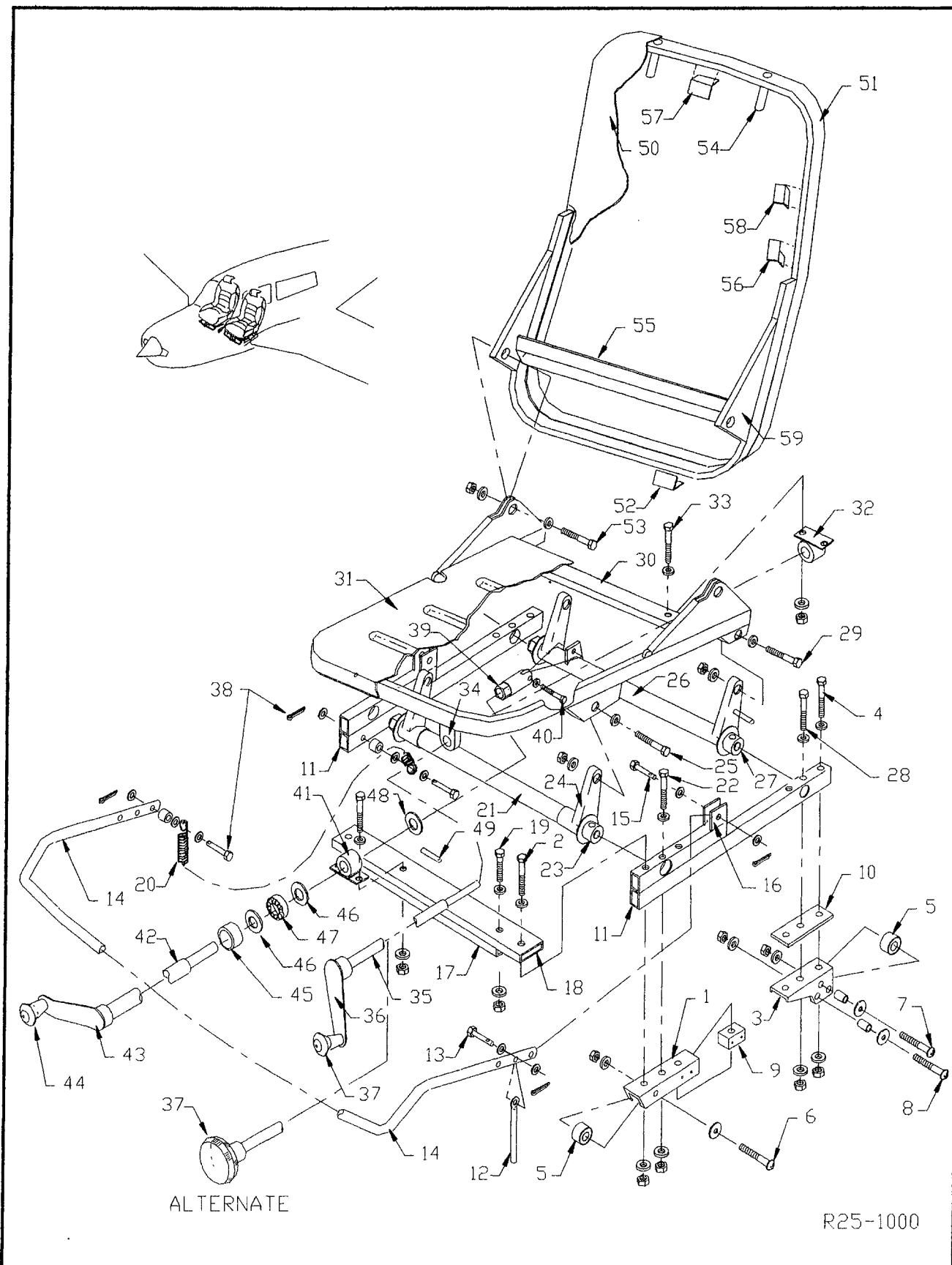


FIGURE 1 - PILOT/CO-PILOT SEAT ASSEMBLY

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
25-10-00				
1- -	140215-501	SEAT ASSY, VERTICAL ADJUST, PILOT/CO-PILOT (SEE 25-00-01)	I/	REF
1- -	140215-507	SEAT ASSY, VERTICAL ADJUST, PILOT/CO-PILOT (SEE 25-00-01)	II/	REF
1- -	140215-003	.FRAME ASSEMBLY, SEAT		1
1- 1	140215-013	..RAIL, FORWARD		2
1- 2	AN3-31A	..@BOLT		2
1- 2	AN960-10	..@WASHER		2
1- 2	AN365-1032A	..@NUT		2
1- 3	140215-015	..RAIL, AFT		2
1- 4	AN3-15A	..@BOLT		2
1- 4	AN960-10	..@WASHER		2
1- 4	AN365-1032A	..@NUT		2
1- 5	140004-000	..ROLLER		4
1- 6	AN24-22A	..@BOLT		2
1- 6	AN960-416	..@WASHER		4
1- 6	AN364-428	..@NUT		2
1- 7	AN24-28A	..@BOLT		2
1- 7	AN970-4	..@WASHER		2
1- 7	140215-017	..@SPACER		2
1- 7	AN960-416	..@WASHER		2
1- 7	AN364-428	..@NUT		2
1- 8	AN23-22A	..@BOLT		4
1- 8	AN960-10	..@WASHER		4
1- 8	914022-051	..@BUSHING		4
1- 8	AN365-1032A	..@NUT		4
1- 9	140215-021	..GUIDE		2
1- 10	140215-085	..SPACER		2
1- 11	140215-009	..TUBE		2
1- 11	140215-011	..TUBE		2
1- 12	140215-023	..PIN, LOCKING		2
1- 13	AN392-17	..@PIN		2
1- 13	AN960-4	..@WASHER		2
1- 13	AN381-2-6	..@PIN, COTTER		2
1- 14	140215-029	..LEVER ASSEMBLY		1
1- 15	AN392-23	..@PIN		2
1- 15	AN960-4	..@WASHER		4
1- 15	AN381-2-6	..@PIN, COTTER		2
1- 16	140215-019	..BRACKET		4
1- 17	140215-083	..STIFFENER		1
1- 18	140215-027	..TUBE		1
1- 19	AN3-31A	..@BOLT		2
1- 19	AN960-10	..@WASHER		4
1- 19	AN365-1032A	..@NUT		2
1- 20	E0360-055-2250	..SPRING (ASSOC SPRING)		2
1- 21	140216-021	..TUBE		1
1- 22	AN3-25A	..@BOLT		2
1- 22	AN960-10	..@WASHER		4

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 22	AN365-1032A			
1- 23	12L12-F	..@NUT		2
1- 24	140216-005	...BEARING (MID CAP)		2
1- 24	140216-003	...ARM		1
1- 24	140216-003	...ARM		2
1- 25	AN4-17A	...@BOLT		2
1- 25	AN960-416	...@WASHER		2
1- 25	AN365-428	...@NUT		2
1- 26	140216-501	..BELLCRANK ASSEMBLY		1
1- 26	1242F	..BEARING		2
1- 27	140216-021	..TUBE		1
1- 27	140216-001	..ARM ASSEMBLY		2
1- 28	AN3-15A	...@BOLT		2
1- 28	AN960-10	...@WASHER		2
1- 28	AN365-1032A			
1- 29	AN4-14	..@NUT		2
1- 29	AN960-416	...@BOLT		2
1- 29	AN310-4	...@WASHER		4
1- 29	AN310-4	..@NUT		2
1- 30	140215-005	.SEAT BOTTOM ASSEMBLY		1
1- 31	140225-039	..SEAT PAN		1
1- 31	1601-0410	..@RIVET		30
1- 32	140215-057	..NUT, ADJUSTING		1
1- 32	RPA52-028-125-0625			
1- 33	AN3-14A	..@PIN, ROLL		2
1- 33	AN960-10	...@BOLT		2
1- 33	AN365-1032A	...@WASHER		4
1- 33	AN365-1032A	..@NUT		2
1- 34	NAS1368-8A	..GROMMET		1
1- 35	140218-501	.SHAFT ASSEMBLY (SEAT BACK ADJUST)		1
1- 35	140218-007	..TUBE		1
1- 35	140218-009	..SCREW		1
1- 35	RPA52-028-125-0750			
1- 36	140217-001	..@PIN, ROLL		2
1- 36	140217-301	.CRANK ASSEMBLY		1
1- 36	140217-007	..CRANK		1
1- 36	140217-007	..BUSHING		1
1- 36	140217-003	..ARM		1
1- 36	140217-005	..LUG		1
1- 37	#589	..KNOB (DIMCO GRAY)		1
1- 37	MS35207-268			
1- 37	MS21042-3	..@SCREW		1
1- 37	MS21042-3	..@NUT		1
1- 37	29641	..KNOB (KIPP/ELESA) (ALT)		1
1- 37	1/4 x 2 x 1/4	..@SET SCREW (ALT)		1
1- 38	AN392-27	..@PIN		2
1- 38	AN960-4	...@WASHER		6
1- 38	140215-081	..@SPACER		4
1- 38	AN381-2-6	..@PIN, COTTER		2
1- 39	140219-001	.CLEVIS ASSEMBLY		1
1- 39	140219-003	..TUBE		1
1- 39	1/2 x 10	..NUT, ACME		1

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 40	AN4-11	.@BOLT		1
1- 40	AN960-416	.@WASHER		2
1- 40	AN310-4	.@NUT		1
1- 40	MS24665-132			
		.@PIN, COTTER		1
1- 41	140215-031	..BUSHING ASSEMBLY		1
1- 41	10L-5 1/2-F	..BEARING (MID CAP)		1
1- 41	AN3-14A	..@BOLT		2
1- 41	AN960-10	..@WASHER		4
1- 41	AN365-1032A			
		..@NUT		2
1- 42	140218-001	..SHAFT ASSEMBLY, CRANK (VERTICAL ADJUST)		1
1- 42	140218-003	..TUBE		1
1- 42	140218-005	..SCREW		1
1- 42	RPA52-028-125-0750			
		..@PIN, ROLL		1
1- 43	140217-501	.CRANK ASSEMBLY		1
1- 43	140217-303	..CRANK		1
1- 43	140217-007	..BUSHING		1
1- 43	140217-003	..ARM		1
1- 43	140217-005	..LUG		1
1- 43	RPA52-028-125-1000			
		..@PIN, ROLL		1
1- 44	#598	.KNOB		1
1- 44	MS35207-268			
		.@SCREW		1
1- 44	MS21043-3	.@NUT		1
1- 45	140215-073	.COLLAR		1
1- 45	RPA52-028-125-1000			
		..@PIN, ROLL		1
1- 46	TRB-1018	.WASHER, THRUST (MID CAP)		2
1- 47	NTA-1018	..BEARING, THRUST (MID CAP)		1
1- 48	AN960-10	..WASHER (AN960-10L FOR SHIMMING)		AR
1- 49	RPA52-028-125-1000			
		..@PIN, ROLL		1
1- 50	140321-001	.BACKSHELL		1
1- 50	1601-0410	@RIVET		33
1- 51	140215-503	.SEAT BACK ASSEMBLY		I/
1- 51	140215-505	.SEAT BACK ASSEMBLY		II/
1- 52	140215-069	..PLATE		1
1- 52	1601-0410	..@RIVET		4
1- 53	AN23-14A	..@BOLT		2
1- 53	AN960-10	..@WASHER		AR
1- 53	AN960-10L	..@WASHER		AR
1- 53	MS51865-6	..@NUT		2
1- 53	MS21042-L3	..@NUT (ALTERNATE)		2
1- 54	140215-067	..TUBE		2
1- 55	140215-097	..ANGLE		1
1- 56	140215-095	..TAB, LH		I/
1- 56	140215-096	..TAB, RH		II/
1- 56	1601-0410	..@RIVET, LH/RH		2
1- 57	140215-093	..TAB		I/
1- 57	1601-0410	..@RIVET		1
				2

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 58	140215-101	..TAB	I	2
1- 58	1601-0410	..@RIVET		4
1- 59	140224-005	..BRACKET		2

EFFECTIVITIES:

- I 29-0001 THRU 29-0075
- II 29-0076 THRU 29-TBA

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY

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MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

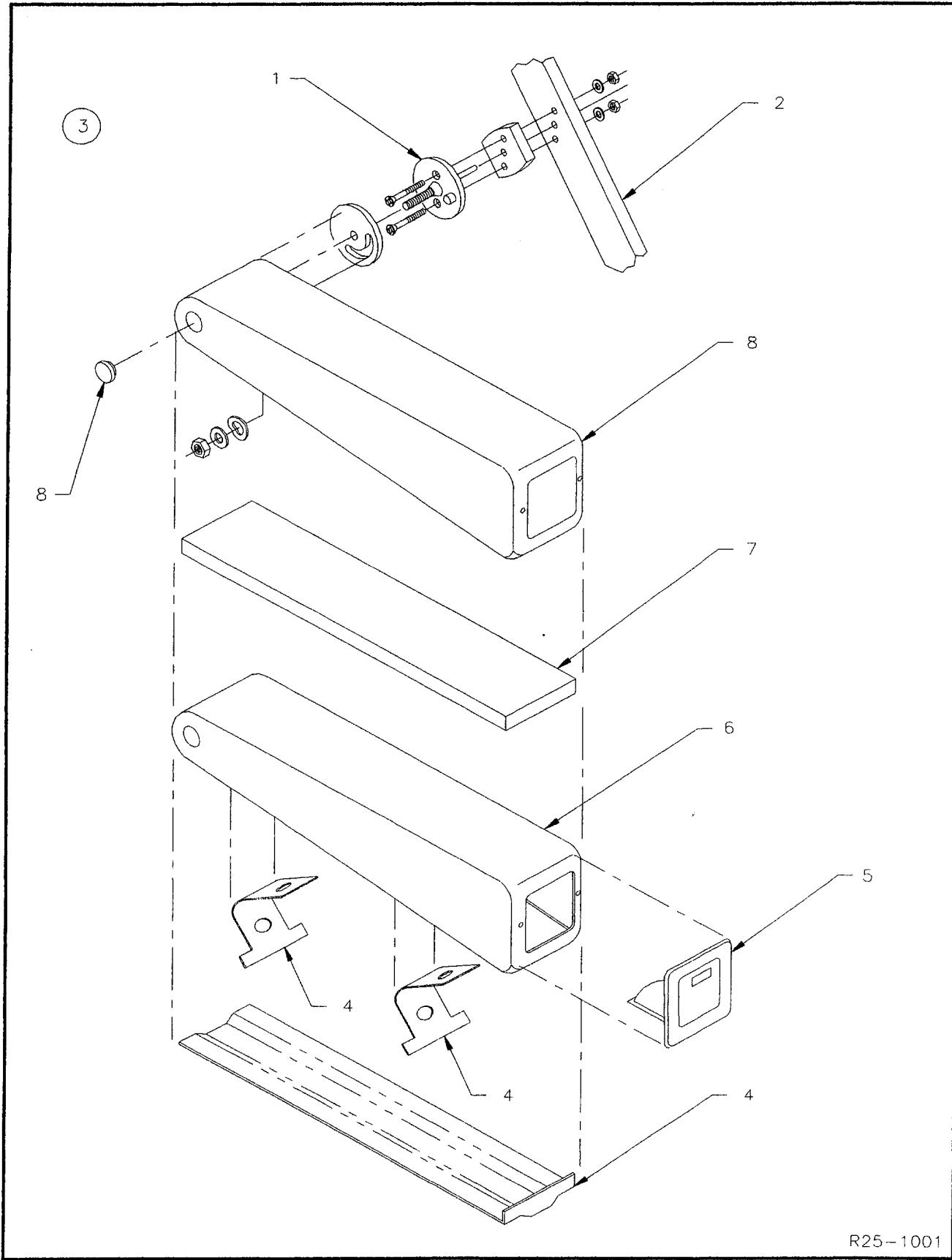


FIGURE 2 - ARMREST INSTALLATION

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
25-10-01				
2- -	140295-513	ARM REST INSTALLATION, PILOT SEAT		REF
2- -	MS21042-4	@NUT		1
2- -	AN960-416	@WASHER		1
2- -	U250-0110	@WASHER, SPRING (ASSOC. SPRING)		1
2- 1	140299-507	.STOP ASSEMBLY		1
2- 1	MS24694-S67	.@SCREW		2
2- 1	140299-023	.@SPACER		1
2- 1	AN960-10	.@WASHER		2
2- 1	MS21042-3	.@NUT		2
2- 2	140215	SEAT FRAME, PILOT (SEE 25-10-00)		REF
2- 3	140277-501	.ARM REST ASSEMBLY (ASH TRAY)		1
2- 4	140189-001	..INSERT	/1	1
2- 4	140189-001	..@CLIP		2
2- 5	9A-20580	..ASH TRAY (GRAND RAPIDS METAL)		1
2- 5	AN531-6R6	..@SCREW		2
2- 6	140297-509	..WELD ASSEMBLY		1
2- 6	140299-011	...STOP		1
2- 6	CR3212-4-4	...@RIVET		7
2- 7	140277-001	..PAD		1
2- 8	140277-003	..COVER	/2	1
2- 8	32F648	..PLUG, HOLE		1

NOTES:

1. 140189-003 INSERT IS AN ACCEPTABLE SUBSTITUTE FOR 140189-1 TO ACCOMPLISH A GRAY INTERIOR COLOR MATCH FOR A/C M20R 29-0001 & ON.
2. SALES ORDER TO SPECIFY COVER MATERIAL & COLOR PER APPROVED MATERIAL LIST (SEE 11-10-00).

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

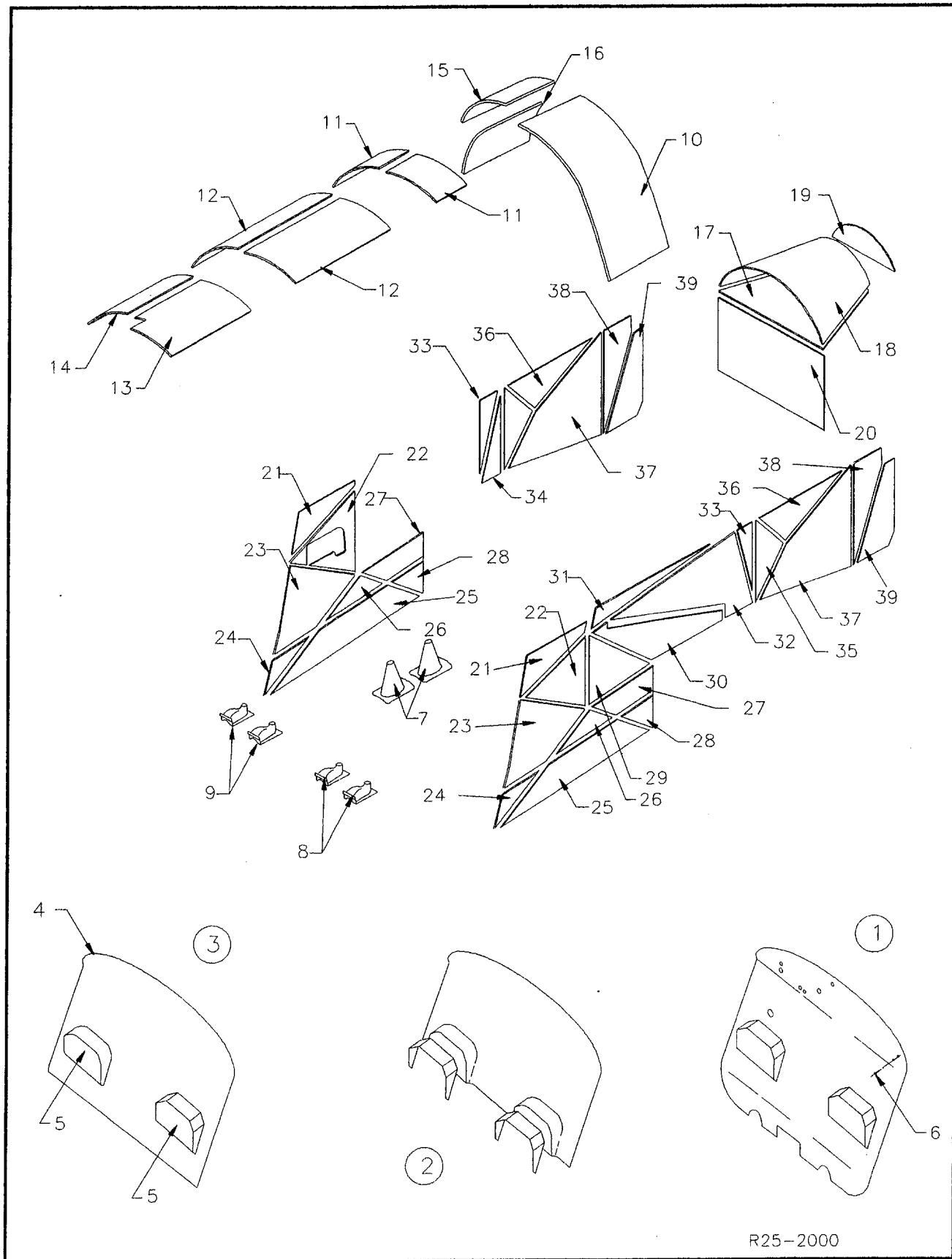


FIGURE 1 - INSULATION & SOUNDPOROFING INSTALLATION

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
25-20-00				
1- -	170015-507	INSULATION SEAL & SOUNDPROOFING INSTALLATION (SEE 00-00-00)		REF
1- 1	170006-509	.FIREWALL TREATMENT		1
1- 2	170006-049	..INSULATION ASSEMBLY		1
1- 2	170006-031	...FIREWALL INSULATION		1
1- 2	170006-033	...FOOTWELL FILLER INSULATION		2
1- 3	170006-065	...COVER ASSEMBLY, FIREWALL		1
1- 4	170006-061	...COVER, FIREWALL		1
1- 5	170006-043	...COVER, FOOTWELL, PILOT'S		1
1- 5	170006-051STRAP		1
1- 5	170006-053CATCH		1
1- 5A	170006-047	...COVER, FOOTWELL, CO-PILOT'S		1
1- 6	AN530-6R6	..@SCREW		12
1- 6	AN960-6L	..@WASHER		12
1- 6	A224-6Z	..@SPEED NUT		12
1- 7	170007-503	.WHEEL WELL BOOT ASSEMBLY		1
1- 7	170007-005	..BOOT ASSEMBLY		2
1- 7	170007-009	...BASE		2
1- 7	170007-011	...CONE		2
1- 7	AN530-4R4	@SCREW		9
1- 7	AN960-4L	@WASHER		9
1- 7	#8001	@ADHESIVE		AR
1- 8	170003-507	.RUDDER BOOT ASSEMBLY, LH		2
1- 8	170003-009	..FAIRING		1
1- 8	170003-021	..BOOT ASSEMBLY		1
1- 8	170003-023	...BOOT		1
1- 8	170003-025	...COLLAR		1
1- 9	170003-505	.RUDDER BOOT ASSEMBLY, RH		2
1- 9	170003-003	..FAIRING		1
1- 9	170003-021	..BOOT ASSEMBLY		1
1- 9	170003-023	...BOOT		1
1- 9	170003-025	...COLLAR		1
1- 9	AN530-4R6	@SCREW		40
1- 10	170008-023	.INSULATION, LH BAGGAGE SIDE		1
1- 11	170015-019	.INSULATION, LH BAGGAGE TOP (MIL-B-5924 TYPE II)		1
1- 12	170008-055	.PAD, LH,FIBERGLASS		1
1- 12	170015-005	.PAD, LH, FOAM		1
1- 12	170015-057	.PAD, RH, FIBERGLASS		1
1- 12	170015-006	.PAD, RH, FOAM		1
1- 13	170008-061	.PAD, LH TOP, FIBERGLASS		1
1- 13	170008-007	.PAD, LH TOP, FOAM		1
1- 14	170008-053	.PAD, RH TOP, FIBERGLASS		1
1- 14	170008-007	.PAD, RH TOP, FOAM		1
1- 15	170008-027	.INSULATION, BAGGAGE DOOR, FIBERGLASS		1
1- 16	170008-025	.INSULATION, RH BAGGAGE SIDE, FIBERGLASS		1
1- 17	170008-039	.INSULATION, HATTRACK FLOOR, FIBERGLASS		1
1- 18	170008-029	.INSULATION, HATTRACK HEADLINER, FIBERGLASS		1
1- 19	170008-021	.INSULATION, HATTRACK BULKHEAD, FIBERGLASS		1
1- 20	170008-041	.INSULATION, BAGGAGE BACK CLOSURE, FIBERGLASS		1
1- -	170018-503	INSULATION/SOUND-DEADENING INSTL (DIE CUT FOAM)(SEE 00-00-00)		REF
1- 21	170018-001	.INSULATION, PANEL, LH		1
1- 21	170018-002	.INSULATION, PANEL, RH		1

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 22	170018-037	.INSULATION, PANEL, LH		1
1- 22	170018-038	.INSULATION, PANEL, RH		1
1- 23	170018-003	.INSULATION, PANEL, LH		1
1- 23	170018-004	.INSULATION, PANEL, RH		1
1- 24	170018-005	.INSULATION, PANEL, LH		1
1- 24	170018-006	.INSULATION, PANEL, RH		1
1- 25	170018-007	.INSULATION, PANEL, LH		1
1- 25	170018-008	.INSULATION, PANEL, RH		1
1- 26	170018-009	.INSULATION, PANEL, LH		1
1- 26	170018-010	.INSULATION, PANEL, RH		1
1- 27	170018-011	.INSULATION, PANEL, LH		1
1- 27	170018-012	.INSULATION, PANEL, RH		1
1- 28	170018-013	.INSULATION, PANEL, LH		1
1- 28	170018-014	.INSULATION, PANEL, RH		1
1- 29	170018-015	.INSULATION, PANEL, LH		1
1- 30	170018-017	.INSULATION, PANEL, LH		1
1- 31	170018-021	.INSULATION, PANEL, LH		1
1- 32	170018-047	.INSULATION, PANEL, LH		1
1- 33	170018-026	.INSULATION, PANEL, LH/RH		2
1- 34	170018-028	.INSULATION, PANEL, RH		1
1- 35	170018-029	.INSULATION, PANEL, LH		1
1- 35	170018-030	.INSULATION, PANEL, RH		1
1- 36	170018-045	.INSULATION, PANEL, LH		1
1- 36	170018-046	.INSULATION, PANEL, RH		1
1- 37	170018-043	.INSULATION, PANEL, LH		1
1- 37	170018-044	.INSULATION, PANEL, RH		1
1- 38	170018-041	.INSULATION, PANEL, LH		1
1- 38	170018-042	.INSULATION, PANEL, RH		1
1- 39	170018-039	.INSULATION, PANEL, LH		1
1- 39	170018-040	.INSULATION, PANEL, RH		1

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY

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**MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG**

(SEE 25-20-02 FOR OPT. REAR BENCH SEAT INSTL.)

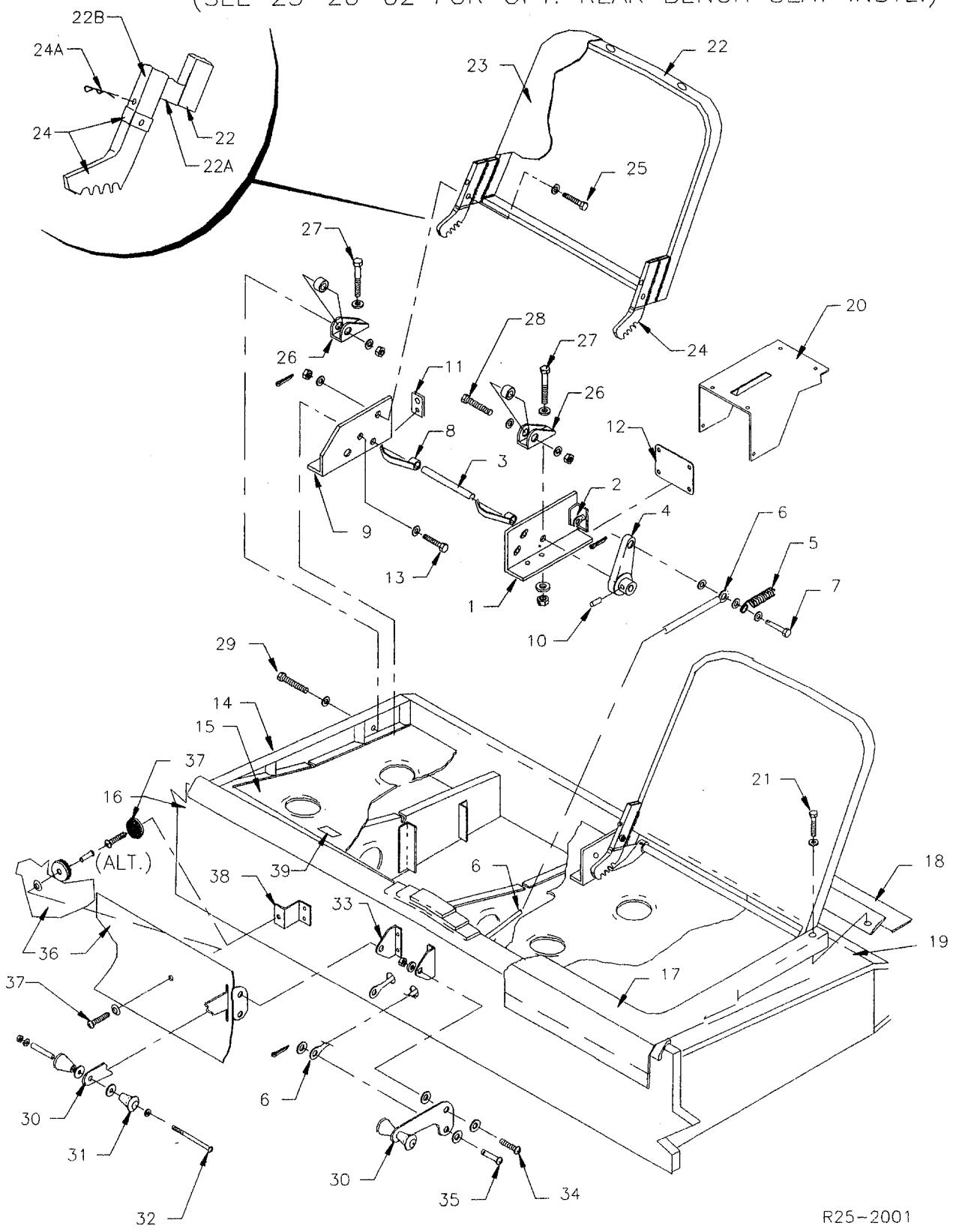


FIGURE 2 - REAR SEAT ASSEMBLY

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
25-20-01				
2- -	140220-503	REAR SEAT INSTALLATION (SEE 00-00-00)		REF
2- 1	140221-005	.BRACKET ASSEMBLY, LH, O/B		1
2- 1	140221-007	.BRACKET ASSEMBLY, RH, O/B		1
2- 1	140221-015	..ANGLE, LH		1
2- 1	140221-017	..ANGLE, LH		1
2- 1	140221-018	..ANGLE, RH		1
2- 1	140221-021	..ANGLE, RH		1
2- 1	140221-019	..PLATE, LH/RH		1
2- 1	AN362-F1032	..NUT PLATE, LH/RH		2
2- 1	NAS1368N3B	..GROMMET, LH/RH		1
2- 1	NAS1368N6C	..GROMMET, LH/RH		1
2- 2	AN743-12	.BRACKET		2
2- 3	140222-001	.TUBE, CONTROL		2
2- 4	140226-001	.LEVER, RELEASE		2
2- 4	RPA52-028-125-0625	..@PIN, ROLL		4
2- 5	EO360-055-1000M	..SPRING (ASSOC SPRING)		2
2- 6	140223-001	.ROD, RELEASE		2
2- 7	AN392-17	..@PIN		2
2- 7	AN960-4	..@WASHER		4
2- 7	AN381-2-6	..@PIN, COTTER		2
2- 8	140227-001	.CATCH		4
2- 8	RPA52-028-125-0625	..@PIN, ROLL		4
2- 9	140221-003	.BRACKET ASSEMBLY, LH, OB		1
2- 9	140221-004	.BRACKET ASSEMBLY, RH, OB		1
2- 9	140221-009	..ANGLE, LH		1
2- 9	140221-011	..ANGLE, LH		1
2- 9	140221-010	..ANGLE, RH		1
2- 9	140221-012	..ANGLE, RH		1
2- 9	140221-013	..PLATE, LH/RH		1
2- 9	AN362-F1032	..NUT PLATE, LH/RH		2
2- 9	NAS1368N3B	..GROMMET, LH/RH		1
2- 9	NAS1368N6C	..GROMMET, LH/RH		1
2- 10	RPA52-028-125-0625	..@PIN, ROLL		2
2- 11	140230-005	.SPACER		2
2- 12	140230-003	.SPACER		1
2- 13	AN3-11A	.BOLT, SEAT BACK STOP		4
2- 14	210408	RIB (SEE 57-10-00)		REF
2- 15	210073	REAR SEAT BOTTOM (SEE 57-10-00)		REF
2- 16	210000	MAIN SPAR (SEE 57-10-02)		REF
2- 17	140231-501	.SEAT BOTTOM ASSEMBLY		1
2- 17	140231-003	..PAN, SEAT	/1	1
2- 17	140231-009	..STIFFENER		1
2- 18	140231-005	..Z-RAIL	/1	1
2- 19	210054	STUB SPAR (SEE 57-10-04)		REF
2- 20	140231-007	..COVER	/1	1
2- 21	#1794	..@SCREW (AU-VE CO)		8
2- 21	#7615	..@WASHER (AU-VE CO)		8

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
2- 21	C6014-6Z	..@NUT, TINNERMAN		8
2- 22	140184-503	.SEAT BACK ASSEMBLY		2
2- 22	140184-501	..FRAME ASSEMBLY		1
2- 22	140184-001	...TUBE		1
2- 22	140232-003	...BRACE		1
2- 22	140232-011	...TUBE, HEADREST		2
2- 22A	140184-009	...TUBE		2
2- 22B	140184-007	...TUBE, LH		1
2- 22B	140184-011	...TUBE, RH		1
2- 23	140184-005	.PANEL		1
2- 24	140228-001	..LUG		2
2- 24	140228-003	..LUG		2
2- 24	140220-001	.SPACER		4
2- 24A	AN415-2	.PIN, LOCK		2
2- 25	AN3-11	@BOLT		4
2- 25	AN960-10L	@WASHER		8
2- 25	AN320-3	@NUT		4
2- 25	AN381-2-6	@PIN, COTTER		4
2- 26	750013-009	.BRACKET		3
2- 27	AN3-5A	@BOLT		6
2- 27	AN960-10L	@WASHER		12
2- 27	AN363-1032	@NUT		6
2- 28	AN3-12A	..BOLT (CENTER BRACKET)		1
2- 28	914025-013	..BUSHING (CENTER BRACKET)		1
2- 28	AN960-10L	..WASHER (CENTER BRACKET)		1
2- 28	AN363-1032	..NUT (CENTER BRACKET)		1
2- 29	AN3-13A	@BOLT (OUTBOARD BRACKET)		2
2- 29	914025-013	@BUSHING (OUTBOARD BRACKET)		2
2- 29	AN960-10	@WASHER (OUTBOARD BRACKET)		2
2- 29	AN363-1032	@NUT (OUTBOARD BRACKET)		2
2- 30	140229-001	.RELEASE HANDLE ASSEMBLY, LH		1
2- 30	140229-002	.RELEASE HANDLE ASSEMBLY, RH		1
2- 30	140229-005	..LEVER		2
2- 31	#598	..KNOB (DIMCO GREY)		4
2- 32	MS35207-271	..@SCREW		2
2- 32	140217-007	..@BUSHING		2
2- 32	AN960-10	@WASHER		10
2- 32	MS21042-3	@NUT		2
2- 33	140229-003	..BRACKET, LH		1
2- 33	140229-004	..BRACKET, RH		1
2- 34	AN3-5A	@BOLT		2
2- 34	AN960-10	@WASHER		6
2- 34	AN364-1032	@NUT		2
2- 35	AN392-13	@PIN		2
2- 35	AN960-4	@WASHER		4
2- 35	AN381-2-6	@PIN, COTTER		2
2- 36	130307-001	.COVER ASSEMBLY		4
2- 36	130307-007	.STIFFENER		4
2- 36	130307-003	.PANEL		4
2- 36	130307-005	.COVER		4
2- 37	AN507-6R18	..@SCREW		4
2- 37	#7615	@WASHER (AU-VE CO)		4
2- 37	SJ3463	.FASTENER, DUAL LOCK (ALT)		8

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
2- 37	MS35206-228	.@SCREW (TO CLIP) (ALT INSTL)		4
2- 37	1601-0410	.@RIVET (TO PANEL) (ALT INSTL)		4
2- 37	AN960-6	.@WASHER (TO PANEL) (ALT INSTL)		4
2- 38	210405	CLIP (SEE 57-10-02)		REF
2- 39	150080-376	PLACARD (SEE 11-30-00)		REF

NOTES:

1. 140231-011, 140231-013, & 140231-015 ARE ACCEPTABLE SUBSTITUTES FOR 140231-003, -005 & -007 RESPECTIVELY TO ACCOMPLISH A GRAY INTERIOR COLOR MATCH FOR AIRCRAFTS/N 29-0001 & ON.

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

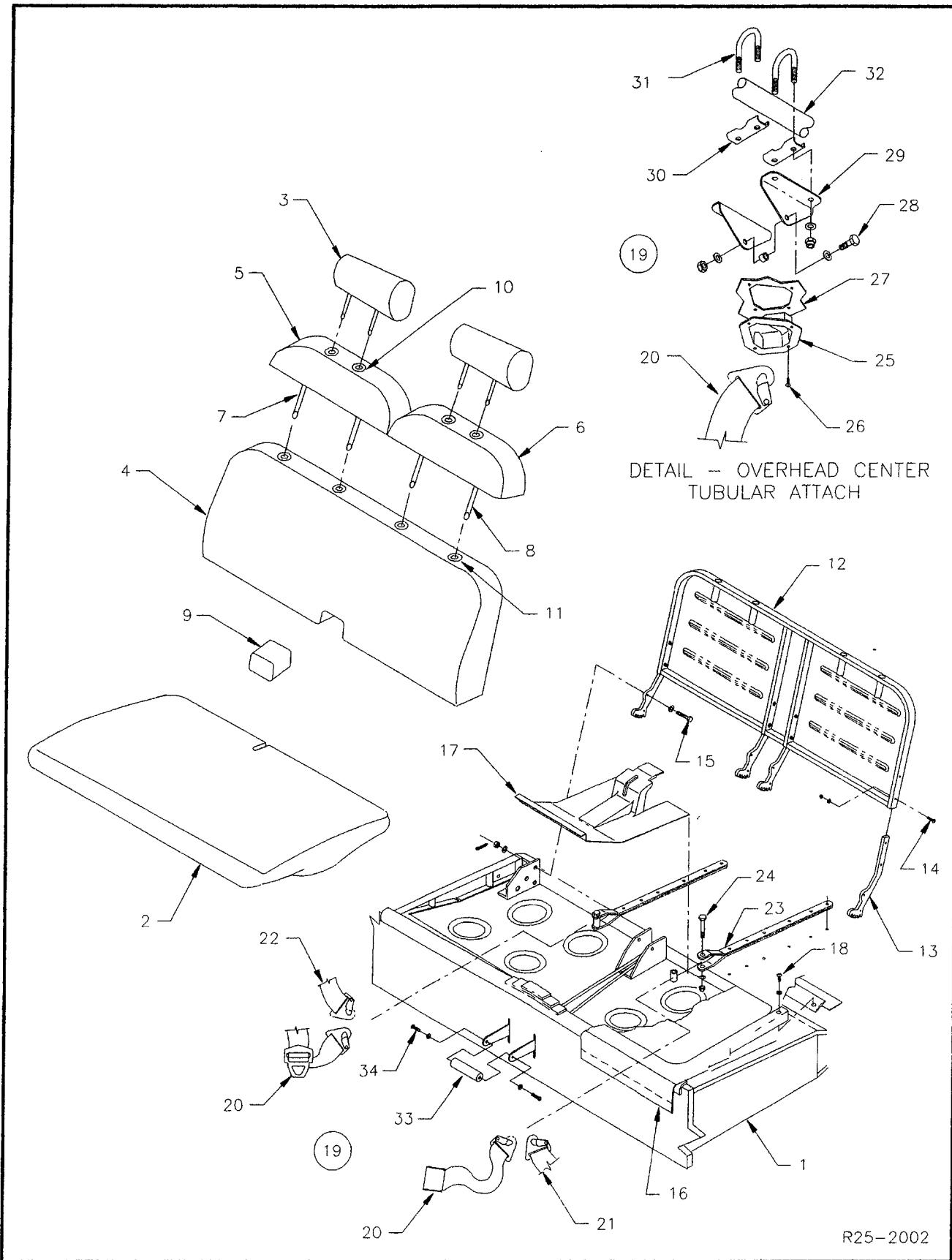


FIGURE 3 - REAR BENCH SEAT ASSEMBLY & INSTALLATION (OPT)

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
25-20-02				
3- -	140305-501	BENCH SEAT ASSEMBLY AND INSTALLATION (OPTIONAL)	REF	
3- 1	140220-503	REAR SEAT INSTALLATION (SEE 25-20-01)	REF	
3- 2	140335-501	.BENCH SEATBOTTOM ASSEMBLY	1	
3- 2	020010	..MATERIAL	AR	
3- 2	SJ-3536	..VELCRO HOOK (3M CO)	AR	
3- 2	SJ-3537	..VELCRO LOOP (3M CO)	AR	
3- 2	4587	..ADHESIVE (ST. CLAIR, PARAMUS, N.J.)	AR	
3- 2	10M	..FLEX "C" RINGS	AR	
3- 2	CC3125	..FOAM W/REMAY BACKING (.25 THK)	AR	
3- 2	-	..FIBER FLEX	AR	
3- 2	140291-001	..CUSHION	1	
3- 3	140313	HEADREST ASSEMBLY (SEE 25-00-02 FOR OPTIONAL P/N's)	REF	
3- 4	140335-503	.BENCH SEAT BACK ASSEMBLY	1	
3- 4	020010	..MATERIAL	AR	
3- 4	-	..CARPET	AR	
3- 4	SJ-3536	..VELCRO HOOK (3M CO)	AR	
3- 4	SJ-3537	..VELCRO LOOP (3M CO)	AR	
3- 4	4587	..ADHESIVE	AR	
3- 4	10M	..FLEX "C" RINGS	AR	
3- 4	CC3125	..FOAM W/REMAY BACKING (.25 THK)	AR	
3- 4	-	..FIBER FLEX	AR	
3- 4	140282-001	..CUSHION	1	
3- 5	140331-001	..CUSHION	1	
3- 6	140331-002	..CUSHION	1	
3- 7	140315-502	..EXTENSION ASSEMBLY	1	
3- 8	140315-501	..EXTENSION ASSEMBLY	1	
3- 9	140282-003	..CUSHION	1	
3- 10	MS22048C1	..GROMMET & WASHER	4	
3- 10	#5	..GROMMET (ALT)(STIMSON)	4	
3- 10	C88	..WASHER (ALT)(STIMSON)	4	
3- 11	9604K8	..GROMMET	4	
3- 12	140279-501	.SEAT BACK FRAME ASSEMBLY	1	
3- 12	140279-009	..PANEL	1	
3- 12	140279-301	..FRAME ASSEMBLY	1	
3- 12	140279-001	...TUBE	1	
3- 12	140279-003	...TUBE	2	
3- 12	140279-005	...TUBE	1	
3- 12	140279-009	...TUBE	2	
3- 12	140232-011	..TUBE	4	
3- 13	140334-001	..LUG	4	
3- 14	MS35207-266	..@SCREW	8	
3- 14	AN960-10L	..@WASHER	8	
3- 14	MS21042L3	..@NUT	8	
3- 15	AN3-11	..@BOLT (SEE 25-20-01)	REF	
3- 15	AN960-10L	..@WASHER (SEE 25-20-01)	REF	
3- 15	AN320-3	..@NUT (SEE 25-20-01)	REF	
3- 15	AN381-2-6	..@COTTER PIN (SEE 25-20-01)	REF	
3- 16	140231-503	.SEAT PAN ASSEMBLY	1	
3- 16	140231-017	..SEAT PAN	1	
3- 16	140231-009	..STIFFENER	1	
3- 17	140332-001	..PAN SPLICE	1	

25-20-02

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MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
3- 18	1794	..@SCREW (AU-VE CO) (SEE 25-20-01)		REF
3- 18	7615	..@WASHER (AU-VE CO) (SEE 25-20-01)		REF
3- 18	C6014-6Z	..@TINNERMAN NUT (SEE 25-20-01)		REF
3- 19	140333-501	.RESTRAINT INSTALLATION - 3 PLACE SEAT		1
3- 20	140318-509	..RESTRAINT ASSEMBLY		1
3- 20	442873	...HOOK ASSEMBLY		2
3- 20	502737-401	...HOOK ASSEMBLY		1
3- 20	443030-401	...ADJUSTER		1
3- 20	445444-001	...WEB SLIDE		1
3- 20	500976-425	...PULL TAB		1
3- 20	500950-407	...CONNECTOR ASSEMBLY		1
3- 20	449351	...BUCKLE		1
3- 20	442251	...WEBB		AR
3- 21	140318-505	RESTRAINT ASSEMBLY (SEE 25-00-00)		REF
3- 22	140318-506	RESTRAINT ASSEMBLY (SEE 25-00-00)		REF
3- 23	140317-501	..BRACKET ASSEMBLY		2
3- 23	140317-001	...PLATE		2
3- 24	AN3-12A	...BOLT		1
3- 24	914025-013	...BUSHING		1
3- 24	AN960-10L	...WASHER		1
3- 24	AN365-1032	...NUT		1
3- 25	130339-001	..ESCUOTCHEON		1
3- 26	PS4SM6DL20GY			
		..@SCREW	/1	4
3- 26	A1776-4Z-1	..@NUT	/1	4
3- 27	130250-073	HEADLINER ASSEMBLY (SEE 25-00-00)		REF
3- 28	AN4-6A	..BOLT		1
3- 28	AN960-416L	..WASHER		1
3- 28	NAS43004-16			
		..BUSHING		1
3- 28	MS35338-44	..WASHER		1
3- 28	AN315-4R	..NUT		1
3- 29	310359-001	..BRACKET		2
3- 30	310359-003	..RETAINER		2
3- 31	310359-005	..@U-BOLT		2
3- 31	AN960-416L	..@WASHER		4
3- 31	MS21044-N4	..@NUT		4
3- 32	340155	TUBULAR STRUCTURE (SEE 53-10-01)		REF
3- 33	140305-001	.HANDLE		1
3- 34	MS35206-263			
		..@SCREW		2
3- 34	MS35333-40	..@WASHER		2
3- -	150080-4104	.PLACARD (N.I.)		1

NOTES:

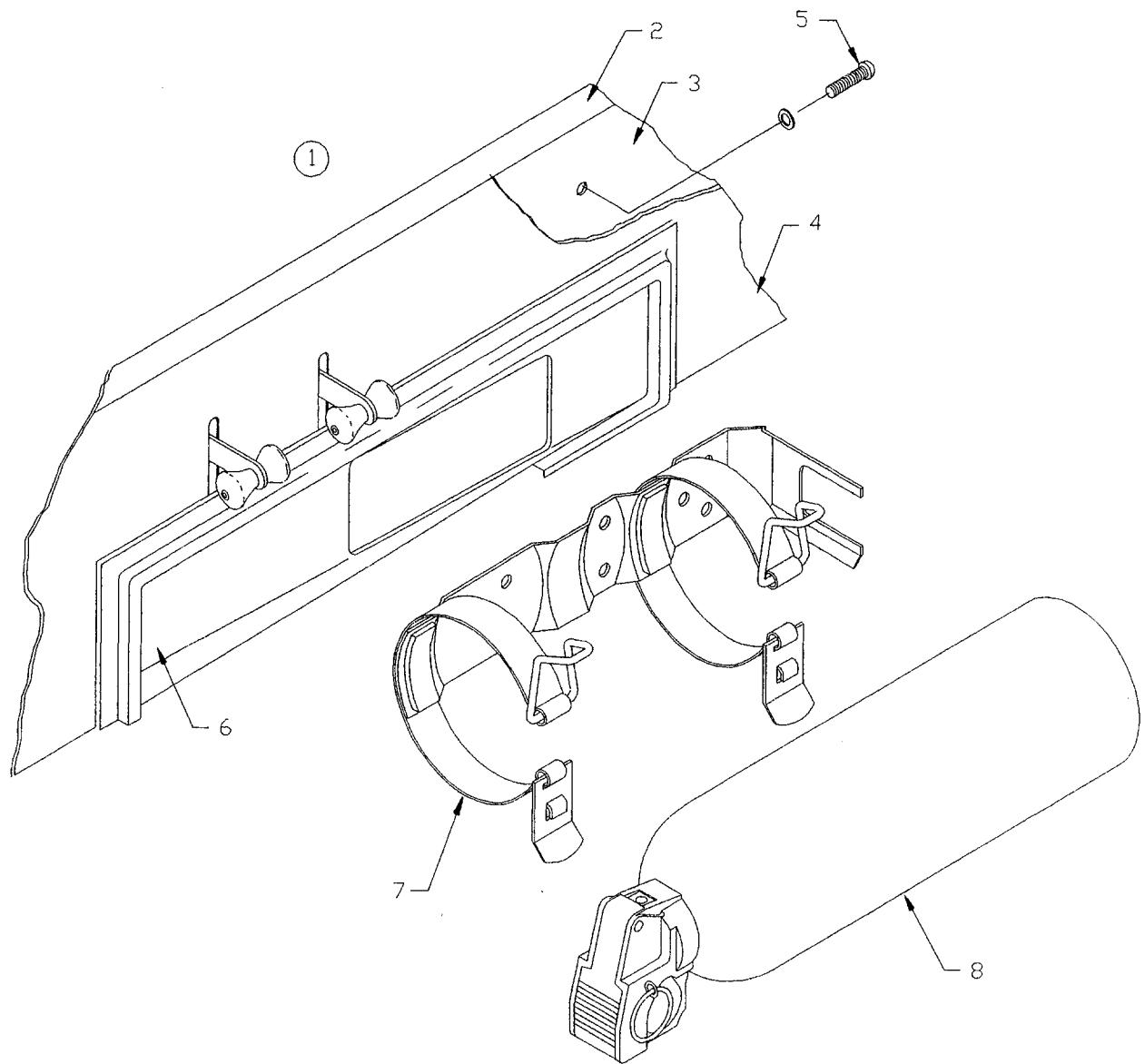
1. BOND TO HEADLINER WITH 8001 ADHESIVE.

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY

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MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG



R26-2000

FIGURE 1 - FIRE EXTINGUISHER INSTALLATION

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
26-20-00				
1- 1	950251	FIRE EXTINGUISHER INSTALLATION/ASSEMBLY (SEE 95-00-00)		REF
1- 2	950251-511	.COVER ASSEMBLY		1
1- 3	950251-005	..PANEL, SPAR		1
1- 4	950251-007	..COVER		1
1- 4	950251-009	..STIFFENER		2
1- 4	950251-011	..STIFFENER		4
1- 4	4587	..ADHESIVE		AR
1- 5	SJ3463	..@FASTENER, DUAL LOCK		4
1- 5	AN960-6	..@WASHER		4
1- 6	950251-015	.CLOSE-OUT		1
1- 6	503	..@CEMENT, PLASTIC WELD		AR
1- 7	817-D	.CLAMP (2.5 LB. BOTTLE)		1
1- 8	1200-S	.EXTINGUISHER (SABER) (2.5 LB)		1
1- 8	CR3213-5-3	..@RIVET (CHERRY) (THRU BRACKET & SPAR)		3
1- 8	CR3213-5-4	..@RIVET (CHERRY) (THRU BRACKET, SPAR WEB & STIFF.)		2
1- -	940079-509	RETRO-FIT KIT, FIRE EXTINGUISHER		REF

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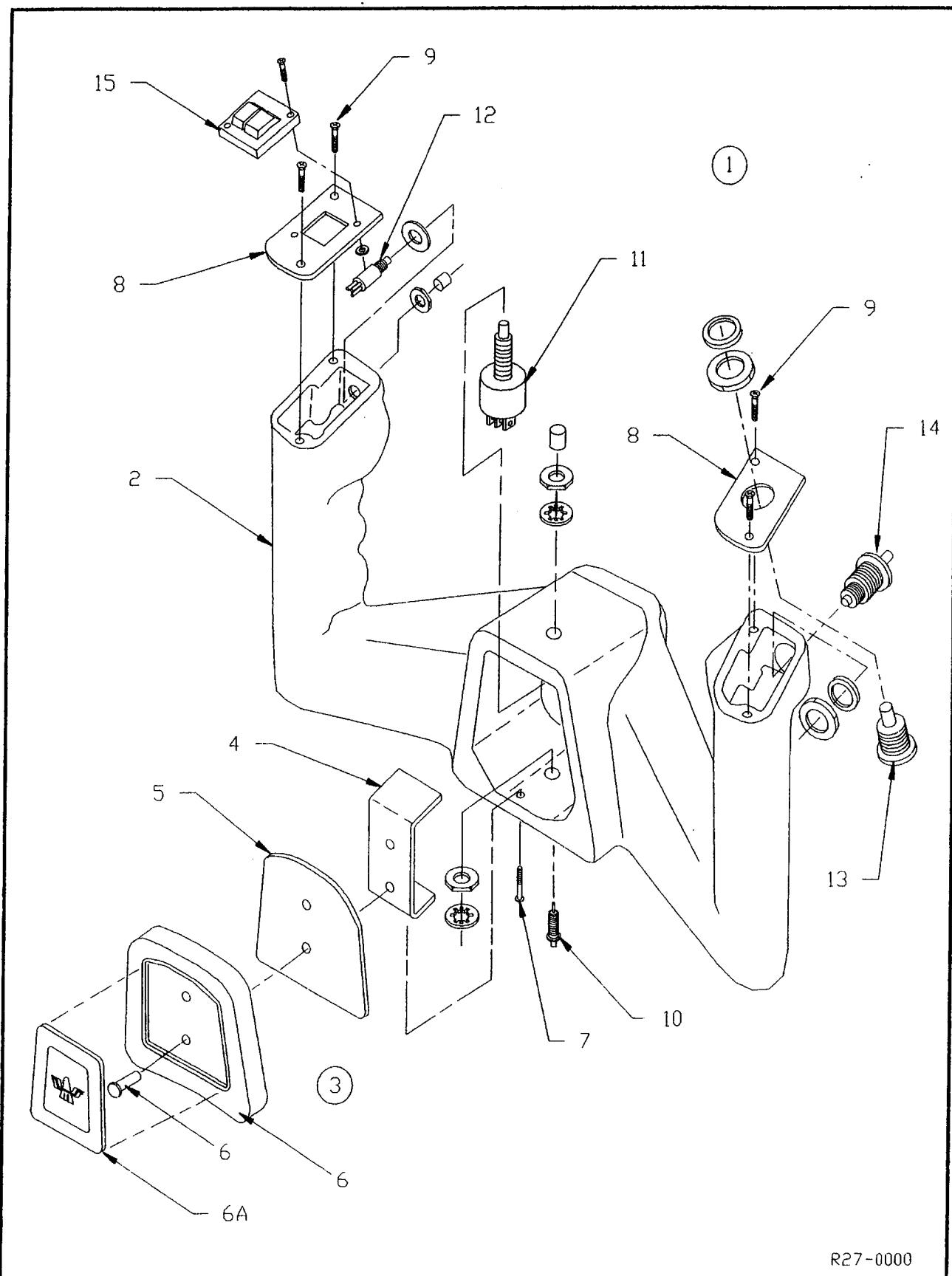


FIGURE 1 - CONTROL WHEEL ASSEMBLY (PILOT/CO-PILOT)

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
27-00-00				
1- 1	917024-503	CONTROL WHEEL ASSEMBLY, PILOT (SEE 27-10-00)		REF
1- 1	917024-504	CONTROL WHEEL ASSEMBLY, CO-PILOT (SEE 27-10-00)		REF
1- 2	917023-005	.CONTROL WHEEL, BLACK (STD)		2
1- 2	917023-903	.CONTROL WHEEL, BEIGE (OPT)		2
1- 2	BLACK COWHIDE			
		..LEATHER (C.M.I. AUTOMOTIVE, INC) (OPT)	/2	AR
1- 2	#103	..FLEXBOND GLUE (OPT)	/2	AR
1- 3	917024-953	.BEZEL ASSEMBLY, BLACK (STD)		1
1- 3	917024-909	.BEZEL ASSEMBLY, BEIGE (OPT)		1
1- 4	917024-023	..CLIP		1
1- 5	917024-003	..PLATE		1
1- 6	917024-001	..BEZEL		1
1- 6	AN426AD3	..@RIVET		2
1- 6A	150080-237	..PLACARD (SEE 11-30-00)		REF
1- 6A	#468	..@FOIL ADHESIVE		AR
1- 7	AN515B632R8			
		..@SCREW		1
1- 8	150080-259	.COVER, PLACARD (STD)LH/RH		1
1- 8	917024-007	.COVER, PLACARD, LH		1
1- 8	917024-009	.COVER, PLACARD, RH		1
1- 8	914024-033	.COVER, PLACARD (STD)LH/RH		1
1- 8	914024-011	.COVER, PLACARD (OPT)		1
1- 8	914024-013	.COVER, PLACARD (OPT)		1
1- 8	914024-015	.COVER, PLACARD (OPT)		1
1- 8	914024-017	.COVER, PLACARD (OPT)		1
1- 8	914024-029	.COVER, PLACARD (OPT)		1
1- 9	AN507-B440R4			
		..@SCREW		4
1- 9	AN526-832R7			
		..@SCREW (OPT)		4
1- 10	855-W-STD	.LAMP, MAP LIGHT (SLOAN CO.) (OPT)		1
1- 10	#330	.BULB (GE) (OPT)		1
1- 11	SFSW8C-6DL01BK			
		..@SCREW		1
1- 11	SA31SET12-1			
		.SWITCH, MAP LIGHT (OPT)		1
1- 11	MPA106D	.SWITCH, MAP LIGHT (ALT)		1
1- 11	09F981	.POTENTIOMETER, MAP LIGHT (OPT)		1
1- 11	RTV108	..@ADHESIVE		AR
1- 12	SA1BV20	.SWITCH, MICROPHONE (OPT)		1
1- 12	SA1RV20	.SWITCH, MICROPHONE (ALT)		1
1- 12	AN960-8L	..@WASHER		1
1- 12	SW53AA2	..@CAP (CUTLER-HAMMER)		1
1- 13	031-0326-00	.SWITCH, AUTO PILOT (KING AUTO PILOT)	/1	1
1- 13	#1711-AC	.HOLE PLUG (GC ELECTRONICS)	/1	1
1- 14	031-0269-02	.SWITCH, AUTO PILOT (KING AUTO PILOT)	/1	1
1- 15	200-1902-02	.SWITCH (KING AUTO PILOT)	/1	1

NOTES:

1. SUPPLIED BY MANUFACTURER OF AUTOPILOT OR ELECTRIC TRIM SYSTEM.
2. CONTROL WHEEL MAY BE COVERED WITH BLACK COWHIDE AS OPTIONAL FINISH (DYNAMIC CONVERSIONS, 8511 SPEEDWAY, SAN ANTONIO, TX 78230)

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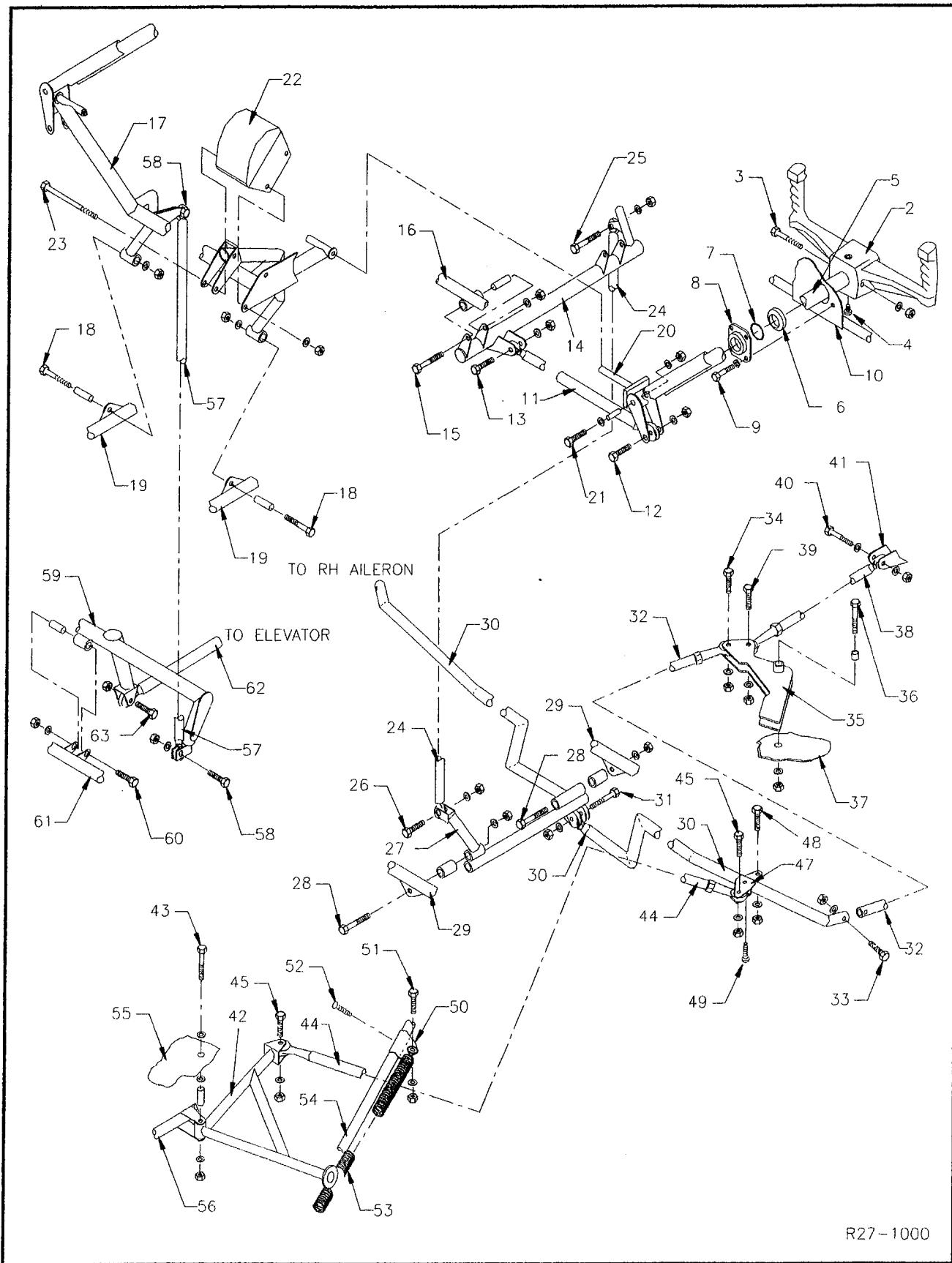


FIGURE 1 - AILERON AND ELEVATOR CONTROL SYSTEM, FORWARD

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
27-10-00				
1- 1	710068-509	AILERON & ELEVATOR CONTROL SYSTEM FWD (SEE 00-00-00)		REF
1- 2	917024-503	.WHEEL, CONTROL, PILOT (SEE 27-00-00)		1
1- 2	917024-504	.WHEEL, CONTROL, CO-PILOT (SEE 27-00-00)		1
1- 3	AN4-24A	.@BOLT		2
1- 3	AN960-416	.@WASHER		2
1- 3	AN365-428	.@NUT		2
1- 4	AN565-D416-H4			
		.@SCREW, SET		2
1- 5	710064-509	.SHAFT ASSEMBLY, CONTROL WHEEL, LH		1
1- 5	710064-510	.SHAFT ASSEMBLY, CONTROL WHEEL, RH		1
1- 6	710070-501	.EYEBALL ASSEMBLY, CONTROL COLUMN		2
1- 7	2-027N674-70			
		.O-RING		2
1- 8	710071-001	.CAP, CONTROL COLUMN, EYEBALL		2
1- 9	MS35206-245			
		.@SCREW		4
1- 9	AN960-8	.@WASHER (CLIPPED AR)		4
1- 10	340155	TUBULAR STRUCTURE (MOUNT) (SEE 53-10-01)		REF
1- 11	710083-501	.CONTROL TUBE ASSEMBLY		2
1- 12	AN3-14A	.@BOLT		2
1- 12	AN960-10	.@WASHER		2
1- 12	AN363-1032	.@NUT		2
1- 12	B0437-016	.@WASHER, BELLEVILLE		4
1- 13	AN3-11A	.@BOLT		2
1- 13	AN960-10	.@WASHER		2
1- 13	AN363-1032	.@NUT		2
1- 13	B0437-016	.@WASHER, BELLEVILLE		4
1- 14	710086-501	.JACKSHAFT		1
1- 15	AN3-13A	.@BOLT		2
1- 15	B-47	.@BEARING (TORRINGTON)		4
1- 15	914020-004	.@BUSHING		2
1- 15	AN363-1032	.@NUT		2
1- 16	340155	TUBULAR STRUCTURE (SEE 53-10-01)		REF
NOTE: REQUIRED QTY. FOR CO-PILOT INSTALLATION STOPS AT THIS POINT ON THIS TEXT & ILLUSTRATION				
1- 17	710065-503	.YOKE ASSEMBLY		1
1- 18	AN4-11A	.@BOLT		2
1- 18	914020-014	.@BUSHING		2
1- 18	AN960-416	.@WASHER		2
1- 18	AN363-428	.@NUT		2
1- 19	340155	TUBULAR STRUCTURE (SEE 53-10-01)		REF
1- 20	710066-501	.BOLT ASSEMBLY, CONTROL SHAFT		1
1- 20	913028-000	.@WASHER		1
1- 20	AN320-4	.@NUT		1
1- 20	AN381-25-10	.@PIN, COTTER		1
1- 21	AN3-14A	.@BOLT		1
1- 21	914020-004	.@BUSHING		1
1- 21	AN960-10	.@WASHER		2
1- 21	AN363-1032	.@NUT		1
1- 22	710082-001	.BBQ WEIGHT		1
1- 23	AN3-34A	.@BOLT		2

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
FIG-ITEM				
1- 23	AN960-10	@WASHER		4
1- 23	AN363-1032	@NUT		2
1- 24	915041-501	.TUBE		1
1- 25	AN3-7A	@BOLT		1
1- 25	AN960-10	@WASHER		1
1- 25	AN363-1032	@NUT		1
1- 26	AN23-14A	@BOLT, CLEVIS		1
1- 26	AN960-10	@WASHER		1
1- 26	AN363-1032	@NUT		1
1- 27	730050-501	.BELLCRANK		1
1- 28	AN3-15A	@BOLT		2
1- 28	914020-005	@BUSHING		2
1- 28	AN960-10	@WASHER		4
1- 28	AN363-1032	@NUT		2
1- 29	340155	TUBULAR STRUCTURE (SEE 53-10-01)		REF
1- 30	730051-501	.LINK, CENTER AILERON CONTROL, LH	/1	1
1- 30	730052-501	.LINK, CENTER AILERON CONTROL, RH	/1	1
1- 30	F31-14MPB	..BEARING, ROD END (HEIM)LH/RH		2
1- 31	AN3-13A	@BOLT		1
1- 31	913029-000	@SPACER		1
1- 31	AN363-1032	@NUT		1
NOTE: RH AILERON CONNECTION & TUBES NOT ILLUSTRATED BUT QTY. DEPICTS BOTH LH/RH REQUIREMENTS				
1- 32	915017-501	.TUBE ASSEMBLY		2
1- 32	M34-14MPB	..BEARING, ROD END (HEIM)		2
1- 32	REM-3-4-2	..BEARING, ROD END (WHEN ADJUSTMENT REQ'D.)		1
1- 32	AN316-4R	..NUT		2
1- 33	AN3-10	@BOLT		2
1- 33	AN960-10	@WASHER		4
1- 33	AN310-3	@NUT		2
1- 33	AN380-2-2	@PIN, COTTER		2
1- 34	AN3-11A	@BOLT		2
1- 34	AN960-10L	@WASHER		6
1- 34	AN960-10	@WASHER		2
1- 34	AN363-1032	@NUT		2
1- 35	730023-001	.BELLCRANK		2
1- 36	AN4-25A	@BOLT		2
1- 36	914020-027	@BUSHING		2
1- 36	AN960-516L	@WASHER		4
1- 36	AN960-416	@WASHER		2
1- 36	AN960-416L	@NUT		2
1- 36	AN363-428	@NUT		2
1- 37	210070	BRACKET ASSEMBLY, BELLCRANK (SEE 57-10-01)		REF
1- 38	730048-603	.TUBE ASSEMBLY		2
1- 38	F44-14MPB	..BEARING, ROD END (HEIM)		2
1- 38	M34-14MPB	..BEARING, ROD END (HEIM)		2
1- 38	AN316-4R	...NUT		2
1- 38	914009-009	...INSERT		2
1- 39	AN3-11A	@BOLT		2
1- 39	AN960-10L	@WASHER		6
1- 39	AN960-10	@WASHER		2
1- 39	AN363-1032	@NUT		2
1- 40	AN4-11	@BOLT		2

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 40	AN960-416L	@WASHER		4
1- 40	AN310-4	@NUT		2
1- 40	AN381-2-2	@PIN, COTTER		2
1- 41	230015	BRACKET, AILERON HINGE (SEE 57-50-01)		REF
NOTE: REQUIRED QTY. FOR RH AILERON CONNECTION & TUBES, ETC. STOP AT THIS POINT ON THIS TEXT & ILLUSTUSTRATION				
1- -	700023	INTERCONNECT ASSEMBLY, RUDDER & AILERON (SEE FIG 1)		REF
1- 42	110002-005	BELLCRANK ASSEMBLY		1
1- 43	AN4-41A	@BOLT		1
1- 43	AN960-416	@WASHER		4
1- 43	AN365-428	@NUT		1
1- 44	110002-003	TUBE ASSEMBLY		1
1 44	110002-007	..TUBE		1
1 44	914012-008	..BEARING, ROD END (HEIM)		2
1 45	AN3-10A	@BOLT		1
1 45	AN960-10	@WASHER		1
1 45	AN365-1032	@NUT		1
1 46		NOT USED		
1 47	110002-101	BRACKET		1
1 48	AN3-6A	@BOLT		1
1 48	AN960-10	@WASHER		1
1 48	AN365-1032	@NUT		1
1 49	4 x 3/8	@SCREW, P.K		1
1 50	930003-000	STOP ASSEMBLY		1
1 50	930003-501	STOP ASSEMBLY		1
1 51	AN3-6A	@BOLT		2
1 51	AN960-10	@WASHER		2
1 51	AN365-1032	@NUT		2
1 52	AN530-4RG	@SCREW		2
1 52	EQUIV. P.K	@SCREW (ALT)		AR
1 53	110003-007	SPRING		2
1 54	915031	CONTROL TUBE, RUDDER (SEE 27-20-00)		REF
1 55	340295	FLOORBOARD (SEE 53-20-01)		REF
1 56	340155	TUBULAR STRUCTURE (SEE 53-10-01)		REF
1 57	915042-501	TUBE ASSEMBLY, ELEVATOR YOKE		1
1 58	AN3-7A	@BOLT		2
1 58	AN960-10	@WASHER		2
1 58	AN363-1032	@NUT		2
1 59	710085-501	JACKSHAFT		1
1 60	AN3-7A	@BOLT		2
1 60	914020-001	@BUSHING		2
1 60	AN363-1032	@NUT		2
1 61	340155	TUBULAR STRUCTURE (SEE 53-10-01)		REF
1 62	915043-501	TUBE, ELEVATOR CONTROL, AFT (SEE 27-30-00)		REF
1 63	AN3-7A	@BOLT		1
1 63	AN960-10	@WASHER		1
1 63	AN363-1032	@NUT		1

NOTE:

1. SEE DRAWING #940134 FOR ALTERNATE METHOD OF REPAIR.

**MOONEY AIRCRAFT CORPORATION
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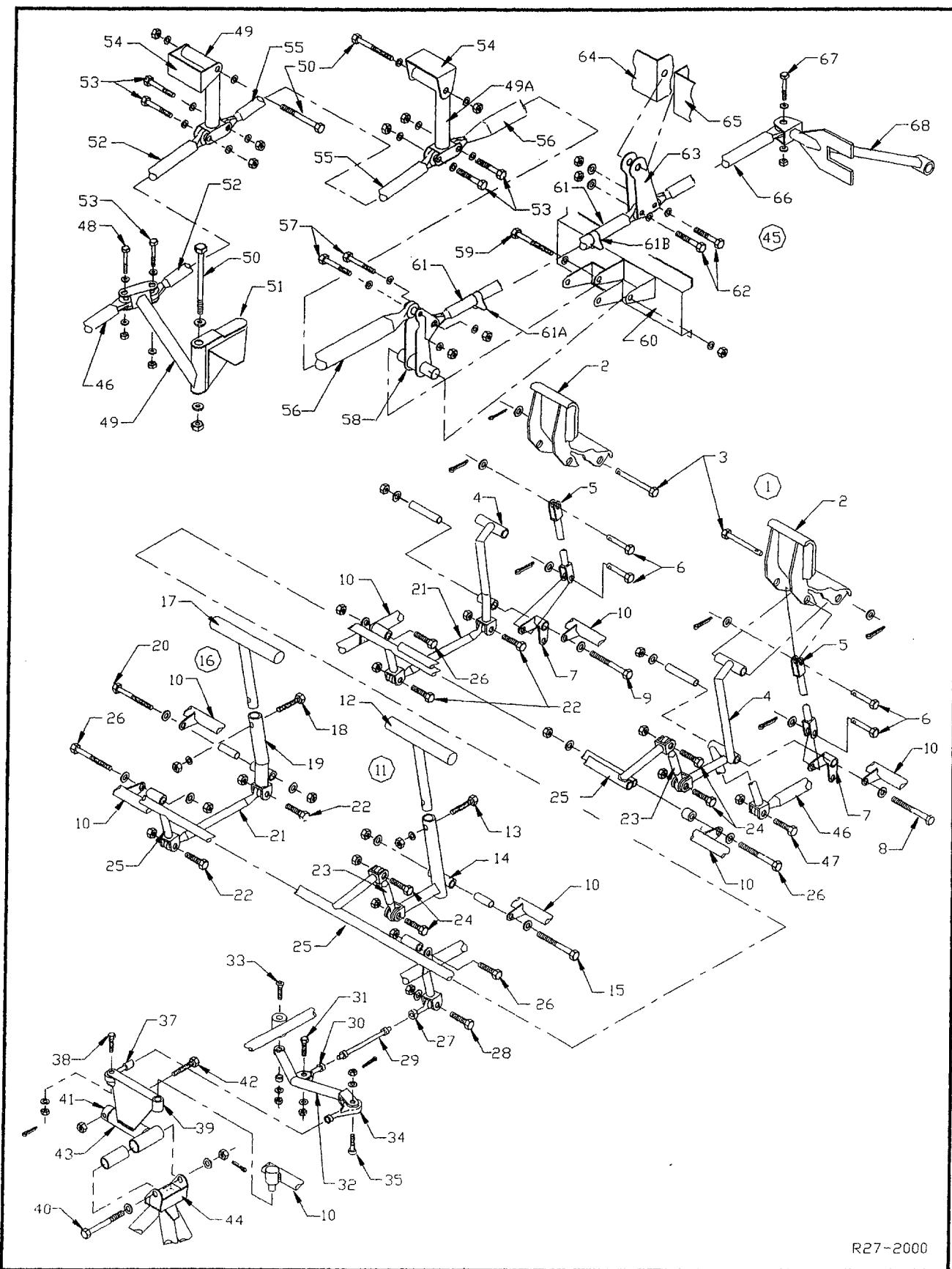


FIGURE 1 - RUDDER/BRAKE PEDALS, NOSE WHEEL STEERING SYSTEM

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
27-20-00				
1 1	720000-513	RUDDER, BRAKE, NOSE WHEEL CONTROL SYSTEM (SEE 00-00-00)	II/	REF
1 2	720017-007	.PEDAL, PILOT BRAKE		2
1 3	AN393-63	.@PIN, CLEVIS		2
1 3	AN960-10	.@WASHER		2
1 3	AN380-2-1	.@PIN, COTTER		2
1 4	720016-001	.PEDAL, RUDDER, PILOT, LH		1
1 4	720016-002	.PEDAL, RUDDER, PILOT, RH		1
1 4	B-47	..BEARING (TORRINGTON)		2
1 5	915025-000	.ROD, BRAKE PEDAL		2
1 6	AN393-11	.@PIN, CLEVIS		4
1 6	AN960-10	.@WASHER		4
1 6	AN380-2-1	.@PIN, COTTER		4
1 7	720117-503	.CRANK ASSEMBLY, BRAKE, LH		1
1 7	720117-504	.CRANK ASSEMBLY, BRAKE, RH (SEE 32-40-02)		1
1 7	B-47	..BEARING (TORRINGTON)		2
1 8	AN3-30A	@BOLT		2
1 8	914020-010	@BUSHING, BRAKE, LH, PILOT/CO-PILOT		2
1 8	AN960-10	@WASHER		4
1 8	AN363-1032	@NUT		2
1 9	AN3-17A	@BOLT		2
1 9	914020-006	@BUSHING, BRAKE, RH, PILOT		2
1 9	AN960-10	@WASHER		4
1 9	AN363-1032	@NUT		2
1 10	340155	TUBULAR STRUCTURE (SEE 53-10-01)		REF
1 11	720040-000	.PEDAL ASSEMBLY, CO-PILOT, LH		1
1 12	720040-007	..TUBE ASSEMBLY		1
1 13	AN3-10A	..@BOLT		1
1 13	AN960-10L	..@WASHER		1
1 13	AN363-1032	..@NUT		1
1 14	720040-003	..TUBE ASSEMBLY (NON-PROCURABLE)		1
1 15	AN3-7A	..@BOLT		1
1 15	914020-006	..@BUSHING, RUDDER PEDAL		1
1 15	AN960-10	..@WASHER		2
1 15	AN363-1032	..@NUT		1
1 16	720040-501	.PEDAL ASSEMBLY, CO-PILOT, RH		1
1 17	720040-007	..TUBE ASSEMBLY (NON-PROCURABLE)		1
1 18	AN3-10A	..@BOLT		1
1 18	AN960-10L	..@WASHER		1
1 18	AN363-1032	..@NUT		1
1 19	720040-005	..TUBE ASSEMBLY (NON-PROCURABLE)		1
1 20	AN3-23A	..@BOLT		1
1 20	914020-008	..@BUSHING, RUDDER PEDAL		1
1 20	AN960-10	..@WASHER		2
1 20	AN363-1032	..@NUT		1
1 21	915005-000	.TUBE, CONTROL		2
1 21	915040-301	.TUBE, CONTROL (ALT)		2
1 22	AN3-7A	@BOLT		4
1 22	AN363-1032	@NUT		4
1 23	915004-000	.TUBE, CONTROL		2
1 24	AN3-7A	@BOLT		4
1 24	AN363-1032	@NUT		4

27-20-00

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SECTION	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
FIG-ITEM				
1 25	720005-503	.TORQUE TUBE, RUDDER CONTROL		1
1 25	B-47	..BEARING		4
1 26	AN3-7	.@BOLT		4
1 26	914020-125	.@BUSHING, TORQUE TUBE, RUDDER		4
1 26	AN960-10	.@WASHER		8
1 26	AN363-1032	.@NUT		4
1 27	F34-14MPB	.BEARING, ROD END (HEIM)		1
1 28	AN23-16	.@BOLT, CLEVIS		1
1 28	AN960-10	.@WASHER		1
1 28	AN363-1032	.@NUT		1
1 29	570019-001	.ROD, PUSH PULL		1
1 29	AN316-4R	..NUT		2
1 30	F34-14MPB	.BEARING, ROD END (HEIM)		1
1 31	AN3-15A	.@BOLT		1
1 31	AN960-10L	.@WASHER		1
1 31	AN363-1032	.@NUT		1
1 32	570018-503	.IDLER ARM ASSEMBLY		1
1 33	NAS517-3-21	.@SCREW		1
1 33	914020-167	.@BUSHING, IDLER ARM, NLG STEER		1
1 33	AN960-10	.@WASHER		1
1 33	MS21042-3	.@NUT		1
1 34	F34-14	.BEARING, ROD END		1
1 35	AN3-10	.@BOLT		1
1 35	AN960-10L	.@WASHER		1
1 35	AN310-3	.@NUT		1
1 35	AN381-2-2	.@PIN, COTTER		1
1 36	340155	TUBULAR STRUCTURE (SEE 53-10-01)		REF
1 37	REM3-4-2	.BEARING, ROD END		1
1 38	AN23-15	.@BOLT		1
1 38	AN960-10	.@WASHER		1
1 38	AN320-3	.@NUT		1
1 38	AN380-2-2	.@PIN, COTTER		1
1 39	720095-001	.STEERING HORN ASSEMBLY		1
1 39	720095-017	..SHAFT, CENTER		1
1 40	AN4-21	.@BOLT		1
1 40	914020-031	.@BUSHING, COLLAR/LEG ASSEMBLY		1
1 40	AN960-416	.@WASHER		2
1 40	AN310-4	.@NUT		1
1 40	AN380-2-2	.@PIN, COTTER		1
1 41	720020-501	..COLLAR, STEERING HORN		1
1 42	AN23-19A	..@BOLT		1
1 42	AN365-1032	..@NUT		1
1 43	720013-007	..SHIM, (.016)		AR
1 43	720013-009	..SHIM, (.025)		AR
1 43	720013-011	..SHIM, (.032)		AR
1 43	720013-013	..SHIM, (.040)		AR
1 43	720013-015	..SHIM, (.050)		AR
1 44	540004	LEG, NOSE GEAR (SEE 32-20-00)		REF
1 45	710030-507	ELEVATOR CONTROL INSTALLATION, AFT (SEE 27-30-00)		REF
1 46	915031-000	.TUBE, RUDDER CONTROL (SEE 27-10-00)		1
1 46	M34-14MPB	..BEARING, ROD END (HEIM)		1
1 46	M31-14MPB	..BEARING, ROD END (HEIM)		1
1 46	AN316-4R	..NUT		1

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1 46	RP-A52-028-125-0687			
1 47	AN3-7A	..@PIN, ROLL		2
1 47	AN960-10	.@BOLT		1
1 47	AN363-1032	.@WASHER		2
1 48	AN3-10A	.@NUT		1
1 48	AN3-24A	.@BOLT		1
1 48	AN960-10L	.@WASHER		2
1 48	AN365-1032	.@NUT		1
1 49	914016-000	BELLCRANK, (SEE 53-10-03)	REF	
1 49A	914016-501	BELLCRANK, STA 142 (SEE 53-10-03)	REF	
1 50	AN3-24A	.@BUSHING		3
1 50	AN960-10	.@WASHER		3
1 50	AN365-1032	.@NUT		6
1 51	210117-001	BRACKET (SEE 57-10-02)	REF	
1 51	210116-007	PLATE (SEE 57-10-02)	REF	
1 52	915029-501	.TUBE ASSEMBLY, CONTROL	1	
1 52	F31-14MPB	..BEARING, ROD END (HEIM)	2	
1 52	RP-A52-028-125-0687			
1 53	AN3-10A	..@PIN, ROLL		4
1 53	AN960-10L	.@BOLT		5
1 53	AN365-1032	.@WASHER		10
1 53	AN365-1032	.@NUT		5
1 54	913007	BRACKET (SEE 57-10-00)	REF	
1 55	915028-503	.TUBE ASSEMBLY, CONTROL	1	
1 55	F31-14MPB	..BEARING, ROD END (HEIM)	2	
1 55	RP-A52-028-125-0687			
1 56	915038-501	..@PIN, ROLL		4
1 56	AN3-11A	.TUBE ASSEMBLY, RUDDER CONTROL		1
1 56	F31-14MPB	..BEARING, ROD END (HEIM)		2
1 56	914011-007	..BUSHING, RUDDER TUBE, WALKING BEAM		2
1 56	RPA52-028-125-1.125			
1 57	AN3-11A	..@PIN, ROLL		4
1 57	AN960-10	.@BOLT		2
1 57	AN960-10	.@WASHER		4
1 57	AN365-1032	.@NUT		2
1 58	913030-503	BELLCRANK ASSEMBLY, RUDDER (SEE 53-10-03)	REF	
1 58	B-47	..BEARING (TORRINGTON)		2
1 59	AN3-11A	.@BOLT		1
1 59	AN960-10	.@WASHER		2
1 59	AN365-1032	.@NUT		1
1 60	350063	BRACKET ASSEMBLY (SEE 53-10-03)	REF	
1 61	915007-001	.TUBE, CONTROL, ADJUSTABLE		1
1 61	914012-015	..BEARING, ROD END (HEIM) (PLATED BALL)		1
1 61	M34-14MPB	..BEARING, ROD END (HEIM)		1
1 61	AN316-4R	.NUT		1
1 61A	913041-501	STOP, FORWARD RUDDER CONTROL		1
1 61B	913041-503	STOP, AFT RUDDER CONTROL		1
1 62	AN3-12A	.@BOLT		2
1 62	AN960-10	.@WASHER		2
1 62	AN365-1032	.@NUT		2
1 63	913032-000	BELLCRANK ASSEMBLY, RUDDER (SEE 55-00-00)	REF	
1 64	410018	CLIP (SEE 55-10-01)		REF

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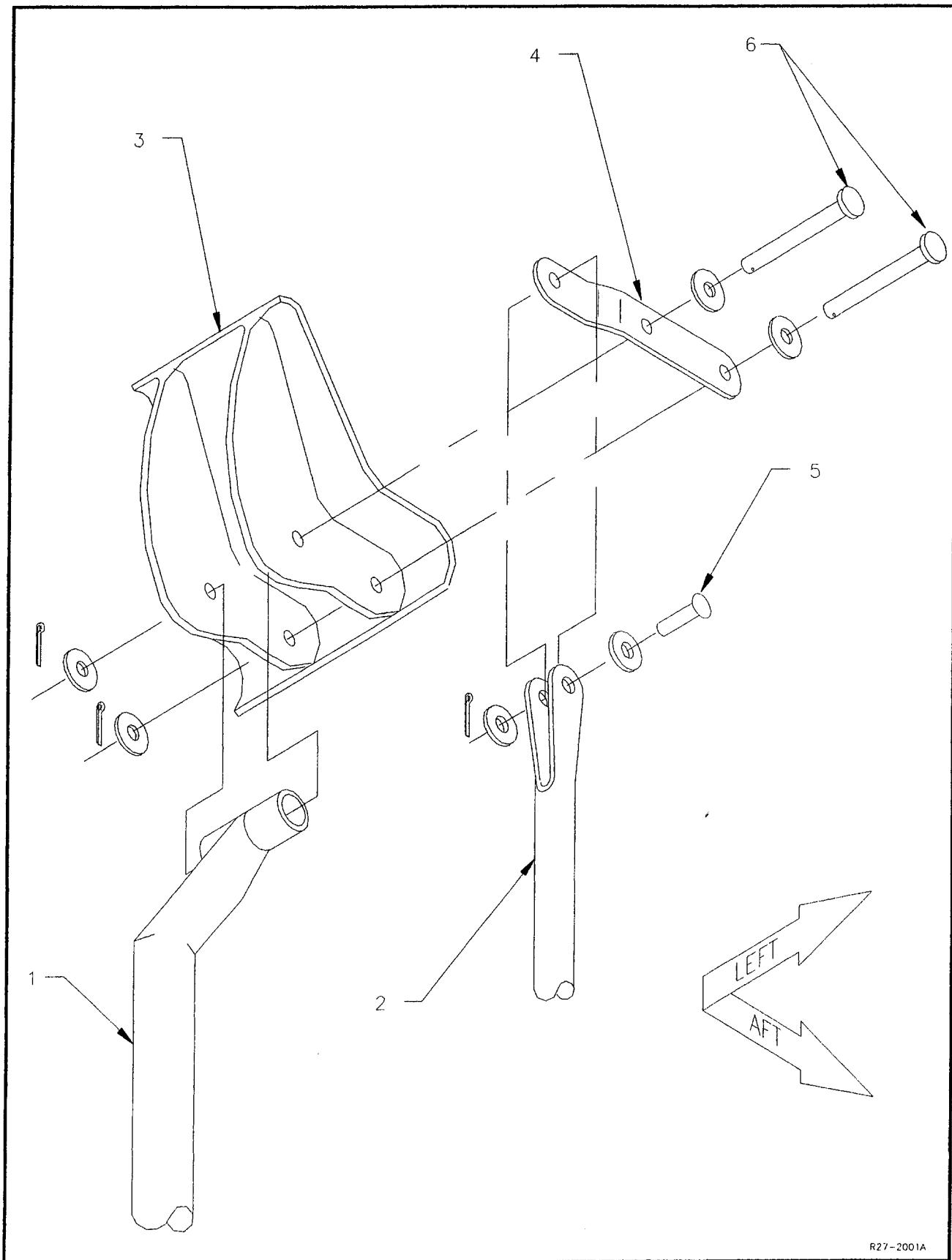
SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1 65	440009	CHANNEL (SEE 55-30-00)		REF
1 66	915007-015	.TUBE, CONTROL, ADJUSTABLE		1
1 66	914012-015	..BEARING, ROD END (HEIM)		1
1 66	M34-14MPB	..BEARING, ROD END (HEIM)		1
1 66	AN316-4R	..NUT		1
1 67	AN3-10A	@BOLT		1
1 67	AN960-10L	@WASHER		2
1 67	AN365-1032	@NUT		1
1 68	460008	HORN, RUDDER (SEE 55-40-00)		REF

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M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY

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R27-2001A

FIGURE 2 - RUDDER/BRAKE PEDAL EXTENSION 1.5 INCH (SHEET 1 OF 2)

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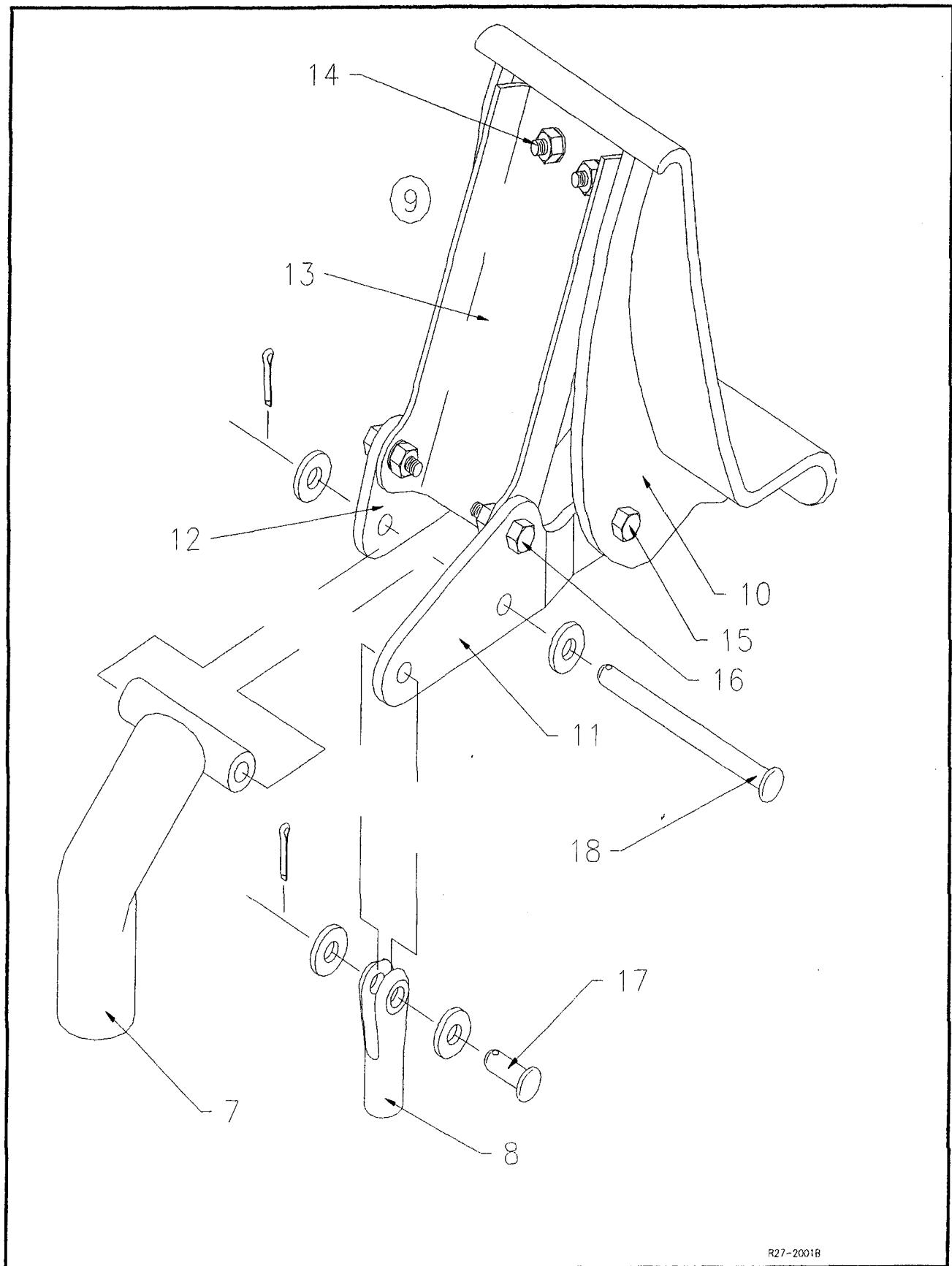


FIGURE 2 - RUDDER/BRAKE PEDAL EXTENSION 3 INCH (SHEET 2 OF 2)

27-20-01

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MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
27-20-01				
2 -	720115-501	RUDDER & BRAKE PEDAL EXTENSION INSTL (1.5 INCHES) (SEE 95-00-00)	REF	
2 1	720016-000	.PEDAL, RUDDER	2	
2 2	915025	ROD, BRAKE (SEE 27-20-00)	REF	
2 3	720017-007	PEDAL, FOOT, RUDDER/BRAKE LH/RH (SEE 27-20-00)	REF	
2 4	720114-001	.EXTENSION, (1.5 INCHES)	2	
2 5	AN393-13	.@PIN	2	
2 5	AN960-10	.@WASHER	4	
2 5	AN380-2-1	.@PIN, COTTER	2	
2 6	AN393-67	.@PIN	/1	4
2 6	MS20392-2C67			
		.@PIN(ALT)		4
2 6	AN960-10	.@WASHER		8
2 6	AN380-2-1	.@PIN, COTTER		4
2 -	720115-503	RUDDER/BRAKE PEDAL EXTENSION INSTALLATION, PILOT, 3 IN	REF	
2 -	720115-504	RUDDER/BRAKE PEDAL EXT. INSTL, CO-PILOT, 3 IN (SEE 95-00-00)	REF	
2 7	720016-000	.PEDAL, RUDDER	2	
2 8	915025	ROD, BRAKE (SEE 27-20-00)	REF	
2 9	720015-001	.PEDAL ASSEMBLY, PILOT	1	
2 9	720015-002	.PEDAL ASSEMBLY, CO-PILOT	1	
2 10	720017-007	..PEDAL, FOOT, RUDDER/BRAKE	1	
2 11	720015-005	..LINK, PILOT	1	
2 11	720015-006	..LINK, CO-PILOT	1	
2 12	720015-003	..LINK, PILOT	1	
2 12	720015-004	..LINK, CO-PILOT	1	
2 13	720015-007	..BRACE	1	
2 14	AN526-1032R9			
		..SCREW		2
2 14	AN960-10	..WASHER		2
2 14	MS21042-3	..NUT		2
2 14	AN960-10L	..WASHER		2
2 15	AN3-5A	..BOLT (LINKS/PEDAL)		2
2 15	AN960-10	..WASHER		2
2 15	MS21042-3	..NUT		2
2 16	AN3-4A	..BOLT (BRACE/LINK)		2
2 16	AN960-10	..WASHER		2
2 16	MS21042-3	..NUT		2
2 17	AM393-13	@PIN		2
2 17	AN960-10	.@WASHER		4
2 17	AN380-2-1	.@PIN, COTTER		2
2 18	AN393-63	.@PIN	/1	4
2 18	MS20392-2C67			
		.@PIN (ALT)		4
2 18	AN960-10	.@WASHER		8
2 18	AN380-2-1	.@PIN, COTTER		4

NOTES:

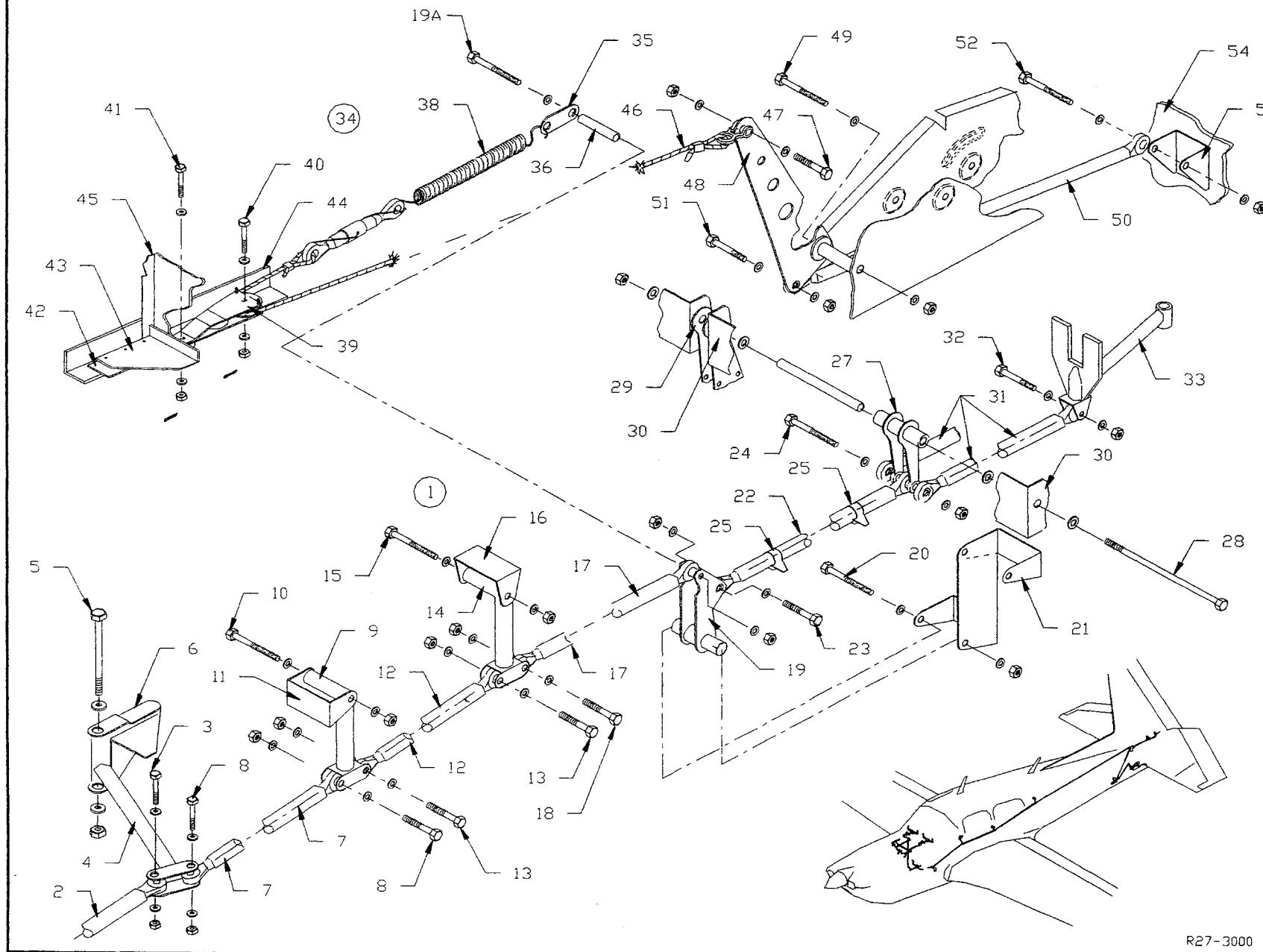
1. AN23-38, CLEVIS BOLT, AN3-23 OR AN3H23 BOLT ARE ACCEPTABLE ALTERNATES TO AN393-67 PIN. AN310-3 CASTELLATED NUT AND AN380-2-1 COTTER PIN MUST BE USED WITH EITHER OF THESE ALTERNATE BOLTS.

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SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY

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R27-3000

FIGURE 1 - ELEVATOR CONTROL SYSTEM AFT

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SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
27-30-00				
1- 1	710030-507	ELEVATOR CONTROL INSTALLATION, AFT (SEE 00-00-00)		REF
1- 2	915043-501	.TUBE ASSEMBLY, CONTROL (SEE 27-10-00)		1
1- 2	915035-515	..TUBE		1
1- 2	914009-009	..INSERT		1
1- 2	M34-14MPB	..BEARING, ROD END (HEIM)		1
1- 2	F31-14MPB	..BEARING (HEIM)		1
1- 2	AN316-4R	..NUT		1
1- 3	AN3-10A	@BOLT		1
1- 3	AN960-10L	@WASHER		2
1- 3	AN365-1032	@NUT		1
1- 4	913128-503	BELLCRANK ASSEMBLY		1
1- 4	B-47	..BEARING (TORRINGTON)		2
1- 5	AN3-24A	@BOLT		1
1- 5	914020-009	@BUSHING		1
1- 5	AN960-10	@WASHER		2
1- 5	AN365-1032	@NUT		1
1- 6	210117-002	BRACKET (SEE 57-10-02)		REF
1- 6	210116-008	PLATE (SEE 57-10-02)		REF
1- 7	915029-501	.TUBE ASSEMBLY		1
1- 7	915035-511	..TUBE		1
1- 7	F31-14MPB	..BEARING, ROD END (HEIM)		2
1- 8	AN3-10A	@BOLT		2
1- 8	AN960-10L	@WASHER		4
1- 8	AN365-1032	@NUT		2
1- 9	914091-501	BELLCRANK ASSEMBLY		1
1- 9	B-47	..BEARING (TORRINGTON)		2
1- 10	AN3-24A	@BOLT		1
1- 10	914020-009	@BUSHING		1
1- 10	AN960-10	@WASHER		2
1- 10	AN365-1032	@NUT		1
1- 11	913007	BRACKET (SEE 57-10-00)		REF
1- 12	915028-503	.TUBE ASSEMBLY		1
1- 12	915035-517	..TUBE		1
1- 12	F31-14MPB	..BEARING, ROD END (HEIM)		2
1- 13	AN3-10A	@BOLT		2
1- 13	AN960-10L	@WASHER		4
1- 13	AN365-1032	@NUT		2
1- 13	RPA52-028-125-0687	@PIN, ROLL		4
1- 14	914016-000	BELLCRANK ASSEMBLY (SEE 53-10-03)		REF
1- 15	AN3-24A	@BOLT		1
1- 15	914020-009	@BUSHING		1
1- 15	AN960-10	@WASHER		2
1- 15	AN365-1032	@NUT		1
1- 16	913007	BRACKET (SEE 53-10-03)		REF
1- 17	915038-501	.TUBE ASSEMBLY, CONTROL		1
1- 17	915038-003	..TUBE		1
1- 17	914011-007	..BUSHING		2
1- 17	F31-14MPB	..BEARING (HEIM)		2
1- 17	RPA52-028-125-1.125	..@PIN, ROLL		4
1- 18	AN3-10A	@BOLT		1

27-30-00

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MOONEY AIRCRAFT CORPORATION
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SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 18	AN960-10L	.@WASHER		2
1- 18	AN365-1032	.@NUT		1
1- 19	913031-503	.BELLCRANK ASSEMBLY		1
1- 20	AN3-24A	.@BOLT		1
1- 20	AN960-10	.@WASHER		1
1- 20	AN365-1032	.@NUT		1
1- 21	350063	ATTACHMENT ASSEMBLY, BELLCRANK (SEE 53-10-03)		REF
1- 22	915007-003	.TUBE ASSEMBLY		1
1- 22	915007-009	..TUBE		1
1- 22	914012-015	..BEARING, ROD END (HEIM)		1
1- 22	914014-000	..INSERT		1
1- 22	AN316-4R	..NUT		1
1- 22	M34-14MPB	..BEARING, ROD END (HEIM)		1
1- 22	RPA52-028-125-0687	..@PIN, ROLL		4
1- 23	AN3-11A	.@BOLT		1
1- 23	AN960-10	.@WASHER		2
1- 23	AN365-1032	.@NUT		1
1- 24	AN3-20A	.@BOLT		1
1- 24	AN960-10L	.@WASHER		2
1- 24	AN365-1032	.@NUT		1
1- 25	913041-501	.STOP, CONTROL		2
1- 25	AN4-5A	.@BOLT (NI)		2
1- 25	AN960-416	.@WASHER (NI)		2
1- 25	MS20365-428	..@NUT (NI)		2
1- 26	-	NOT USED		-
1- 27	913033-000	.BELLCRANK		1
1- 27	B-47	..BEARING, ROD END		2
1- 28	AN3-20A	.@BOLT		1
1- 28	AN960-10L	.@WASHER		6
1- 28	AN365-1032	.@NUT		1
1- 28	914020-025	..@BUSHING		1
1- 28	914020-026	..@BUSHING		1
1- 29	913032	BELLCRANK, RUDDER (SEE 27-20-00)		REF
1- 30	440009	FIN STUB SPAR ASSEMBLY (SEE 55-30-00)		REF
1- 31	915007-005	.TUBE ASSEMBLY, CONTROL		2
1- 31	915007-011	..TUBE		1
1- 31	914012-015	..BEARING, ROD END, PLATED (HEIM)		1
1- 31	914014-000	..INSERT		1
1- 31	AN316-4R	..NUT		1
1- 31	M34-14MPB	..BEARING, ROD END (HEIM)		1
1- 31	RPA52-028-125-0687	..@PIN, ROLL		4
1- 32	AN3-13A	.@BOLT		1
1- 32	AN960-10L	.@WASHER		2
1- 32	AN365-1032	.@NUT		1
1- 33	710029-001	HORN ASSEMBLY, LH (SEE 55-20-00)		REF
1- 33	710029-002	HORN ASSEMBLY, RH (SEE 55-20-00)		REF
1- 34	710073-501	VARIABLE DOWN SPRING INSTALLATION (SEE 53-10-03)		REF
1- 35	710074-005	EYE CLIP (SEE 53-10-03)		REF
1- 36	710075-003	SPACER (SEE 53-10-03)		REF
1- 37	AN3-16A	.@BOLT		1

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 37	AN960-10	@WASHER		3
1- 37	914020-119	@BUSHING		1
1- 37	MS21045L3	@NUT		1
1- 37	913038-501	TUBE ASSEMBLY (SEE ITEM #17)	REF	
1- 37	913031-503	BELLCRANK ASSEMBLY (SEE ITEM #19)	REF	
1- 38	710080-001	SPRING (SEE 53-10-03)	REF	
1- 39	710078-501	PULLEY ASSEMBLY (SEE 53-10-03)	REF	
1- 39	MS20219-002	PULLEY (SEE 53-10-03)	REF	
1- 39	710079-001	SUPPORT (SEE 53-10-03)	REF	
1- 39	710079-003	SPACER (SEE 53-10-03)	REF	
1- 40	AN4-11	@BOLT (SEE 53-10-03)	REF	
1- 40	AN960-416L	@WASHER (SEE 53-10-03)	REF	
1- 40	AN320-4	@NUT (SEE 53-10-03)	REF	
1- 40	MS24665-132	@PIN, COTTER (SEE 53-10-03)	REF	
1- 40	MS24665-134	@PIN, COTTER (SEE 53-10-03)	REF	
1- 41	AN3-6	@BOLT	1	
1- 41	AN960-10	@WASHER	4	
1- 41	AN320-3	@NUT	1	
1- 41	MS24665-132	@PIN, COTTER	1	
1- 42	710074-001	STRAP (SEE 55-00-00)	REF	
1- 43	710079-005	GUSSET (SEE 53-10-03)	REF	
1- 44	350078-010	LONGERON, TAILCONE (SEE 53-10-03)	REF	
1- 45	350024-502	BULKHEAD, TAILCONE (SEE 53-10-03)	REF	
1- 46	710081-501	.CABLE ASSEMBLY	1	
1- 46	710081-001	..CABLE	1	
1- 46	MS21251-B35	..BODY, TURNBUCKLE	1	
1- 46	MS21256-2	..CLIP, LOCKING	2	
1- 46	MS21255-3RS	..END, EYE	1	
1- 46	MS21255-3LS	..END, EYE	1	
1- 46	18-1-C	..SLEEVE	2	
1- 46	AN100-3	..THIMBLE	2	
1- 46	MS20115-4	..SHACKLE (ALT, MS2011S4F)	1	
1- 47	AN3-6	@BOLT	1	
1- 47	AN960-10L	@WASHER	2	
1- 47	AN960-10	@WASHER	2	
1- 47	AN320-3	@NUT	1	
1- 47	MS24665-132	@PIN, COTTER	1	
1- 48	710076-501	BELLCRANK ASSEMBLY (SEE 53-10-03)	1	
1- 48	710076-001	BELLCRANK (SEE 53-10-03)	REF	
1- 48	710077-501	PIVOT (SEE 53-10-03)	REF	
1- 48	FF-512-3	BUSHING (SEE 53-10-03)	REF	
1- 49	AN4-31	@BOLT	1	
1- 49	AN960-416	@WASHER	1	
1- 49	350066-502	PLATE, ATTACH (SEE 53-10-03)	REF	
1- 49	AN970-4	@WASHER	AR	

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 49	710075-001	.@SPACER		1
1- 49	350066-501	PLATE, ATTACH (SEE 53-10-03)		REF
1- 49	AN320-4	.@NUT		1
1- 49	MS24665-132			
		.@PIN, COTTER		1
1- 50	915008-501	.TUBE, CONTROL (PLATED BEARINGS)		1
1- 51	AN3-11	.@BOLT		1
1- 51	AN960-10	.@WASHER		3
1- 51	AN320-3	.@NUT		1
1- 51	MS24665-132			
		.@PIN, COTTER		1
1- 52	AN3-21A	.@BOLT		1
1- 52	AN960-10L	.@WASHER		2
1- 52	MS21045L3	.@NUT		1
1- 53	710074-003	CLIP (SEE 55-00-00)		REF
1- 54	350070-003	BULKHEAD, TAILCONE (SEE 53-10-03)		REF

MOONEY AIRCRAFT CORPORATION
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SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
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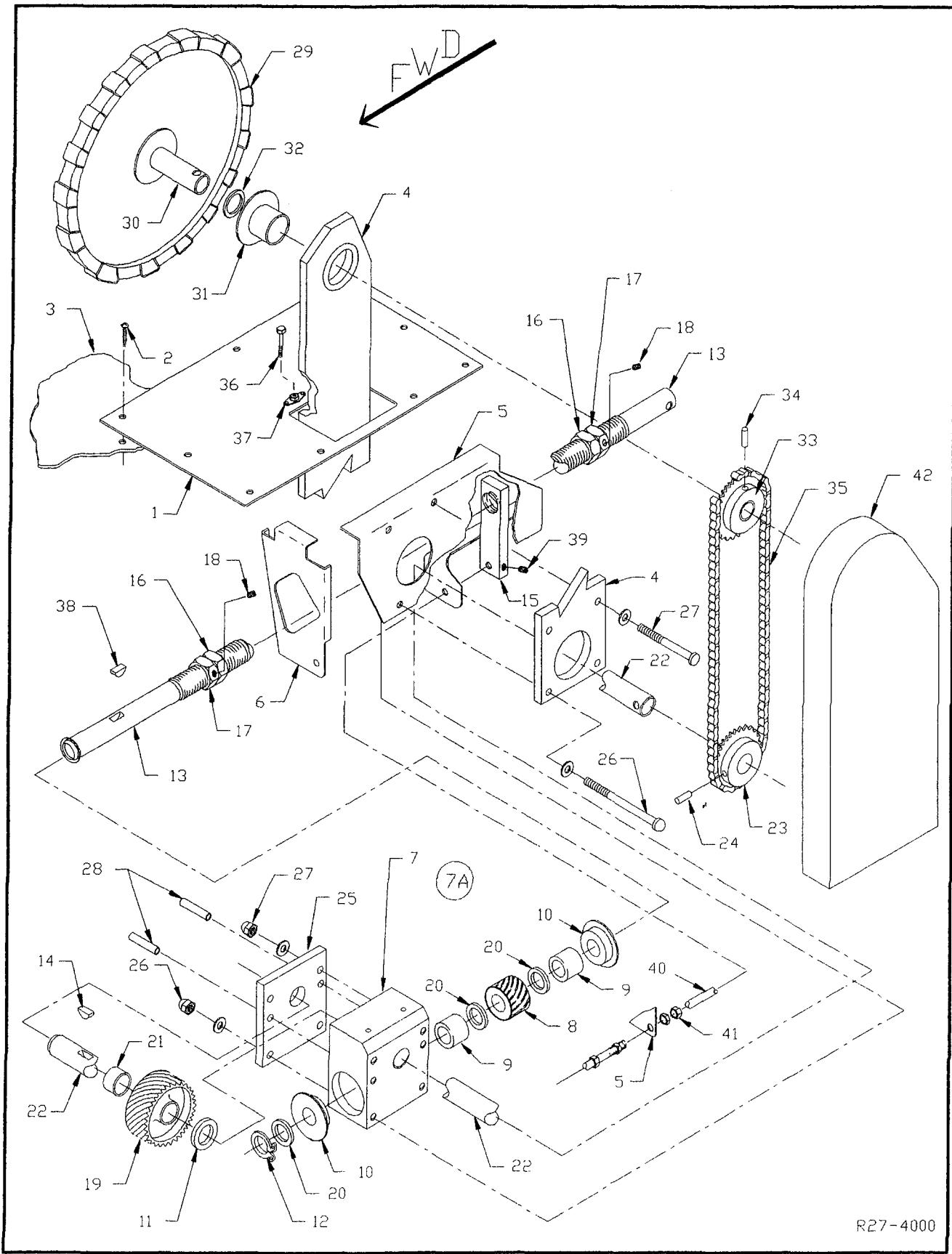


FIGURE 1 - STABILIZER TRIM CONTROL SYSTEM, FORWARD

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
27-40-00				
1 -	740225-505	STABILIZER ASSEMBLY, TRIM CONTROL (SEE 27-40-01)		REF
1 1	740051-009	.PLATE		1
1 2	AN515-832R-8			
		..@SCREW		8
1 2	#12	..@TAPE, ALUMINUM (NI)		AR
1 3	340295	FLOORBOARD (SEE 53-20-01)		REF
1 4	740226-001	.SUPPORT		1
1 5	740052-009	.BRACKET		1
1 6	740053-005	.BRACKET		1
1 7A	740225-001	.GEAR BOX ASSEMBLY		1
1 7	740083-003	..HOUSING		1
1 8	H1612L	..GEAR (BOSTON GEAR)	/1	1
1 8	16HE-12L	..GEAR (UNION GEAR)(ALT)	/1	1
1 9	740083-009	..BUSHING	/1	2
1 10	FS3KDD	..BEARING		2
1 11	AN960-616L	..WASHER		2
1 12	NAS51-37	..RING, RETAINING		1
1 12	MS16624-1937	..RING, RETAINING (ALT)		1
1 12	5100-37-SZD	..RING, RETAINING (WALDES TRUARC)(ALT)		1
1 13	740016-007	.TRIM SCREW ASSEMBLY		1
1 13	740016-013	..TRIM SCREW		1
1 13	740016-017	.TRIM SCREW ASSEMBLY		1
1 13	740016-019	..TRIM SCREW		1
1 14	#404	..KEY (WOODRUFF)		1
1 15	740086-009	..NUT, TRIM INDICATOR		1
1 16	740086-005	..NUT, STOP		2
1 17	740086-001	..NUT, JAM		2
1 18	AN565D4H2	..@SCREW, SET		2
1 19	H1624L	..GEAR (BOSTON GEAR)	/1	1
1 19	16HE24L	..GEAR (UNION GEAR)(ALT)	/1	1
1 20	AN960-616L	..@WASHER		2
1 20	NAS70CL390-625	WASHER, SPACER (THIN) (AS NEEDED FOR SPACING)		AR
1 21	740083-011	..@BUSHING	/1	1
1 22	740083-013	..SHAFT		1
1 22	#204	..KEY (WOODRUFF)		1
1 23	740049-013	..SPROCKET		1
1 24	RPA52-028-125-1125			
		..PIN, ROLL		1
1 25	740083-005	..COVER		1
1 26	NAS220-34	..@SCREW		2
1 26	MS27039-0834			
		..@SCREW (ALT)		2
1 26	AN960-8	..@WASHER		4
1 26	AN363-832	..@NUT		2
1 27	740247	TRIM INDICATOR. INSTALLATION (SEE 27-40-02)		REF
1 27	HL18-6-30	..@FASTENER		2
1 27	AN960-10L	..@WASHER		4
1 27	AN363-1032	..@NUT		2
1 28	RPA52-028-125-1125			
		..@PIN, ROLL		2

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1 29	740228-501	.WHEEL ASSEMBLY, TRIM		1
1 29	740228-001	..WHEEL, TRIM		1
1 30	740046-503	..SHAFT ASSEMBLY, WHEEL		1
1 31	740055-007	..BUSHING	/1	1
1 32	AN960-516L	..WASHER		1
1 33	740049-017	..SPROCKET		1
1 34	RPA52-028-125-1125	..@PIN, ROLL		1
1 35	880043-501	..CHAIN ASSEMBLY, ROLLERLESS,# 25 PITCH	/1	1
1 35	#25	...#25 PITCH CHAIN, MASTER LINK		1
1 36	NAS428-3-4	..BOLT		2
1 37	22NA1-02	..NUT ANCHOR		2
1 37	MS20426AD3	..@RIVET, C/S		4
1 38	#204	..KEY, WOODRUFF		1
1 39	AN565-A4H2	SET SCREW (SEE 27-40-02) (2 PLCS)		REF
1 39	8-32 x 1/4	SET SCREW, NYLOK (1 PLC, BOTTOM ONLY) (SEE 27-40-02)		REF
1 40	740191	WIRE, TRIM INDICATOR (SEE 27-40-02)		REF
1 41	NT141	CASING NUT (SEE 27-40-02)		REF
1 42	740227-003	.COVER		1

NOTES:

1. GEARS, BUSHINGS AND OTHER PARTS ARE LUBRICATED AT ASSEMBLY WITH AEROSHELL #7 (MIL-G-23827) GREASE.

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY

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**MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG**

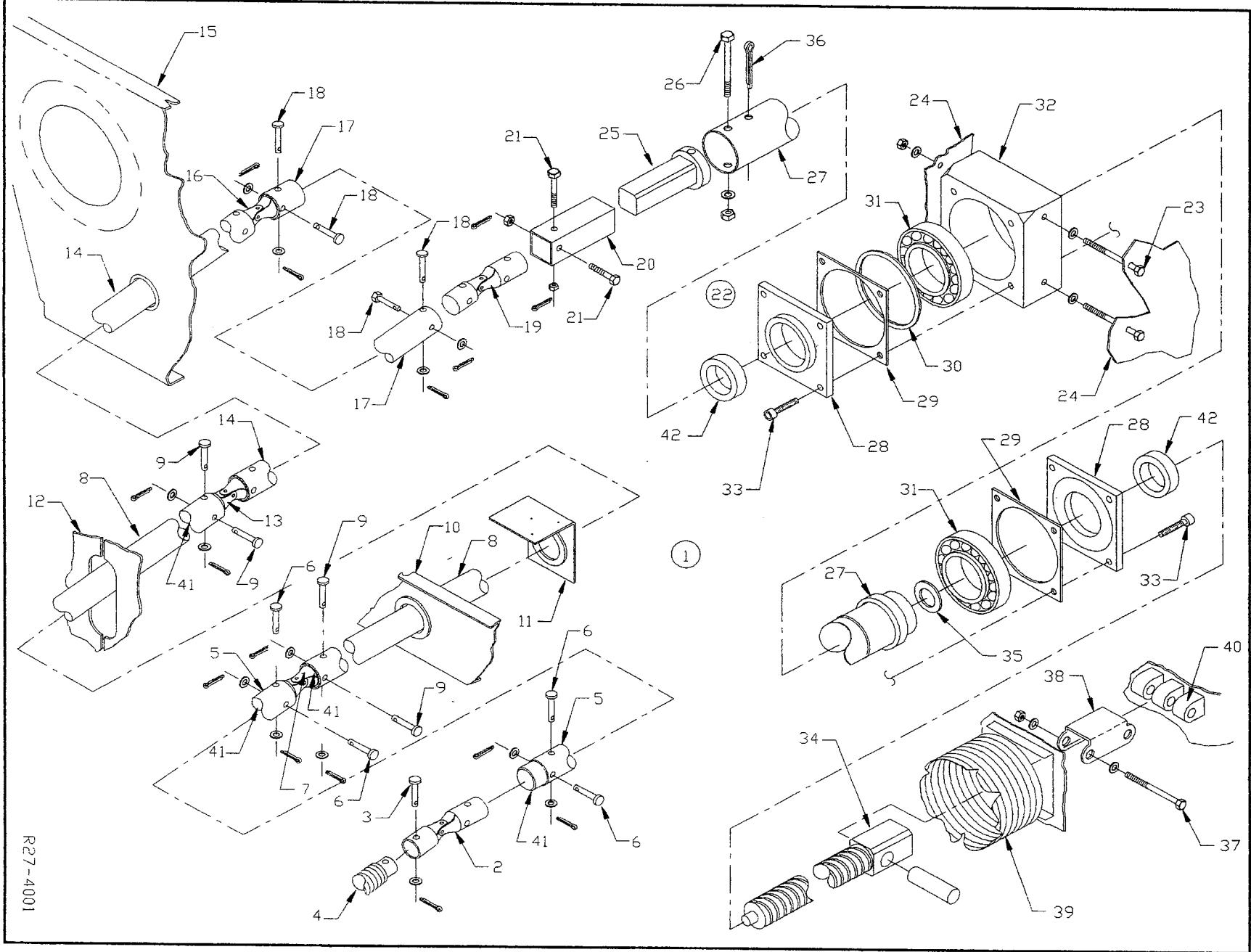


FIGURE 2 - STABILIZER TRIM CONTROL SYSTEM, AFT

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
27-40-01				
2 1	740000-543	TRIM CONTROL INSTALLATION, AFT (SEE 00-00-00)		REF
2 2	MS20270-B8	.UNIVERSAL JOINT		1
2 3	AN392-19	.@PIN		1
2 3	AN960-4	.@WASHER		1
2 3	AN380-2-2	.@PIN, COTTER		1
2 4	740225-501	.STABILIZER TRIM CONTROL ASSEMBLY, FWD (SEE 27-40-00)		1
2 5	740192-003	.TUBE		1
2 6	AN392-21	.@PIN		4
2 6	AN960-4L	.@WASHER		4
2 6	AN380-2-2	.@PIN, COTTER		4
2 7	MS20270-B8	.UNIVERSAL JOINT		1
2 8	740192-005	.TUBE		1
2 8	708-3979-AFIT221	.TAPE, TEFLON		AR
2 9	AN392-21	.@PIN		4
2 9	AN960-4L	.@WASHER		4
2 9	AN380-2-2	.@PIN, COTTER		4
2 10	310346-501	BULKHEAD ASSEMBLY (SEE 53-30-00)		REF
2 10	NMC557-16A	.GROMMET		1
2 11	210356-001	PLATE, TRIM SUPPORT (SEE 57-10-00)		REF
2 11	NMC557-16A	.GROMMET		1
2 12	350162	BULKHEAD (SEE 53-10-03)		REF
2 13	MS20270-B8	.UNIVERSAL JOINT		1
2 14	740192-503	.TUBE ASSEMBLY		1
2 14	740192-009	..TUBE		1
2 14	AN392-19	..@PIN		4
2 14	708-3979-AFIT221	.TAPE, TEFLON		AR
2 14	AN960-4L	..@WASHER		4
2 14	AN380-2-2	..@PIN, COTTER		4
2 15	350113	PLATE (SEE 53-10-03)		REF
2 16	MS20270-B8	.UNIVERSAL JOINT		1
2 17	740192-007	.TUBE		1
2 18	AN392-25	.@PIN		4
2 18	AN960-4L	.@WASHER		4
2 18	AN380-2-2	.@PIN, COTTER		4
2 19	740009-007	.UNIVERSAL JOINT		1
2 20	740029-000	.JOINT, SLIP		1
2 21	AN3-10	.@BOLT		2
2 21	AN310-3	.@NUT		2
2 21	AN380-2-2	.@PIN, COTTER		2
2 22	740230-501	ACTUATOR ASSEMBLY, REAR TRIM		1
2 23	AN4-31A	@BOLT		2
2 23	AN960-416	@WASHER		4
2 23	MS21045-L4	@NUT		2
2 24	350066	PLATE ASSEMBLY, TRIM BEARING ATTACH (SEE 53-10-03)		REF
2 25	740236-001	.JOINT, SLIP		1
2 26	AN3-13A	.@BOLT		1
2 26	AN969-10	.@WASHER		1
2 26	MS21045-L3	@NUT		1
2 27	740223-001	.SHAFT		1
2 28	740231-001	.RETAINER		2

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
2 29	740232-001	.GASKET		2
2 30	740233-001	.SHIM, TRIM JACKTHRUST BEARING (.032 THK)		AR
2 30	740233-003	.SHIM, TRIM JACKTHRUST BEARING (.025 THK)		AR
2 30	740233-005	.SHIM, TRIM JACKTHRUST BEARING (.016 THK)		AR
2 30	740233-007	.SHIM, TRIM JACKTHRUST BEARING (.010 THK)		AR
2 31	07196	.BEARING-CUP, THRUST (TIMKEN)		2
2 31	07100	.BEARING-CONE, THRUST (TIMKEN)		2
2 32	740229-001	.HOUSING, TRIM NUT		1
2 32	AN932-D2	..PLUG, SIGHT		1
2 32	AN932-D2	..PLUG, FIN		1
2 33	MS16998-28	@SCREW		4
2 34	740224-001	@SCREW, TRIM		1
2 35	AN960-616	..@WASHER, RETAINER		1
2 36	MS24665-151	..@PIN, COTTER		1
2 37	AN5H-15	@BOLT		1
2 37	AN960-516	@WASHER		2
2 37	AN310-5	@NUT		1
2 37	AN995-F51	@LOCKWIRE		AR
2 37	914017-000	@BUSHING, TRIM ACTUATOR LINK		1
2 38	740170-003	TRIM LINK (SEE 55-00-00)		REF
2 39	740156-001	FLEX DUCT (SEE 55-00-00)		REF
2 40	480005	EMPENNAGE HINGE ASSEMBLY (SEE 55-00-00)		REF
2 41	915026-017	.SLEEVE		1
2 42	471224	.SEAL		2

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY

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M20R & M20S - ILLUSTRATED PARTS CATALOG**

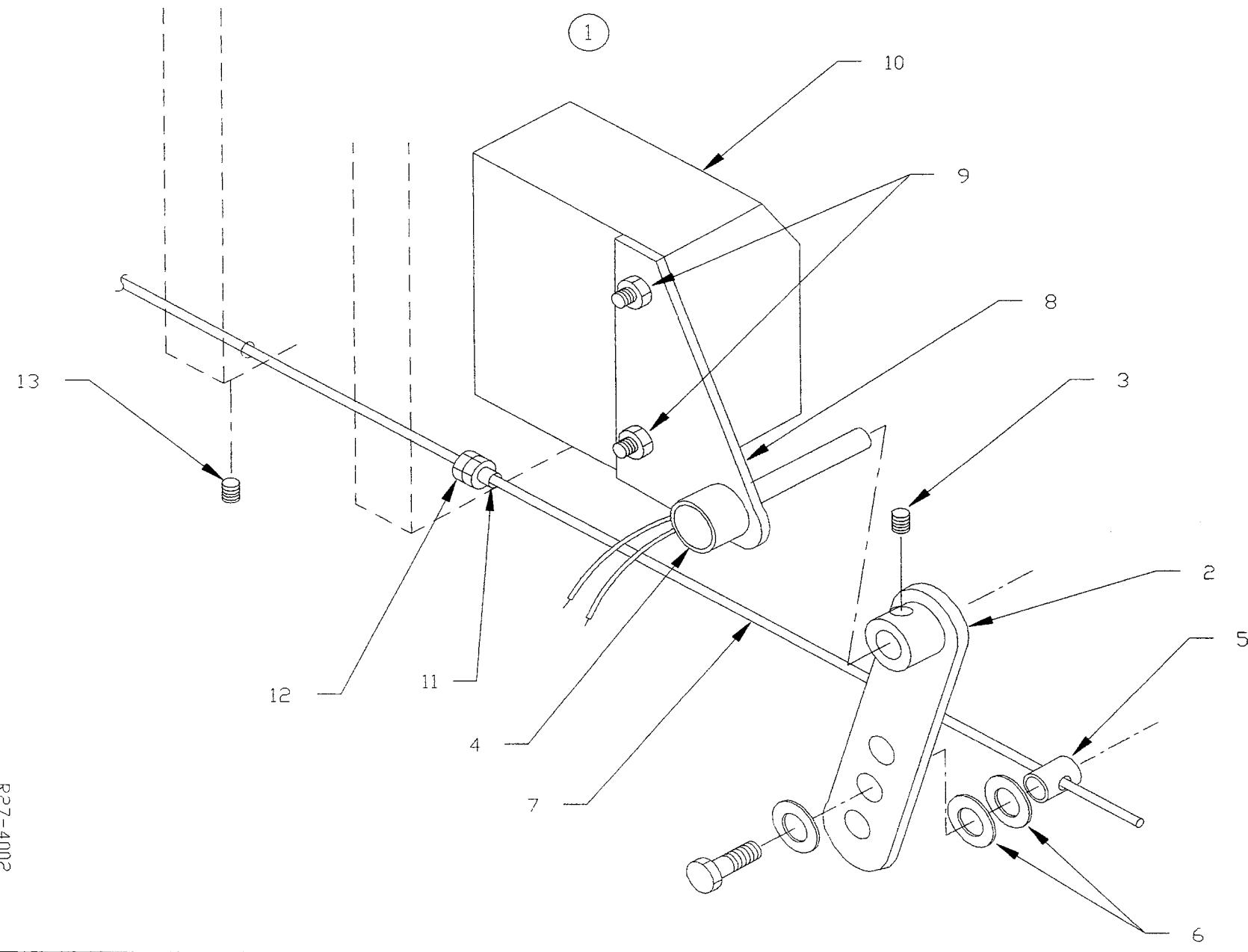


FIGURE 3 - TRIM INDICATOR ASSEMBLY AND INSTALLATION

R27-4002

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
27-40-02				
3 -	740247-501	ELEVATOR TRIM INDICATOR INSTALLATION (SEE 00-00-00)		REF
3 1	740247-501	..INSTALLATION		1
3 2	740247-503	..ARM ASSEMBLY		1
3 2	740247-003	...ARM		1
3 2	740247-005	...BOSS		1
3 3	8-32 X .25LG	..@SET SCREW		1
3 4	WA2G056S502UA			
		..@POTENTIOMETER		1
3 5	D227-1	..@WIRE STOP		1
3 6	AN960-416	..@WASHER		2
3 7	740247-009	..WIRE		1
3 8	740247-007	..BRACKET		1
3 9	-	@HARDWARE, ATTACHING (2PLCS) (SEE 27-40-00)		REF
3 10	740083-003	HOUSING, GEAR BOX (SEE 27-40-00)		REF
3 11	740247-001	..HOUSING, WIRE		1
3 12	NT141	..@CASING NUT		2
3 13	8-32 X .25 LG	..@SET SCREW		2

**MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG**

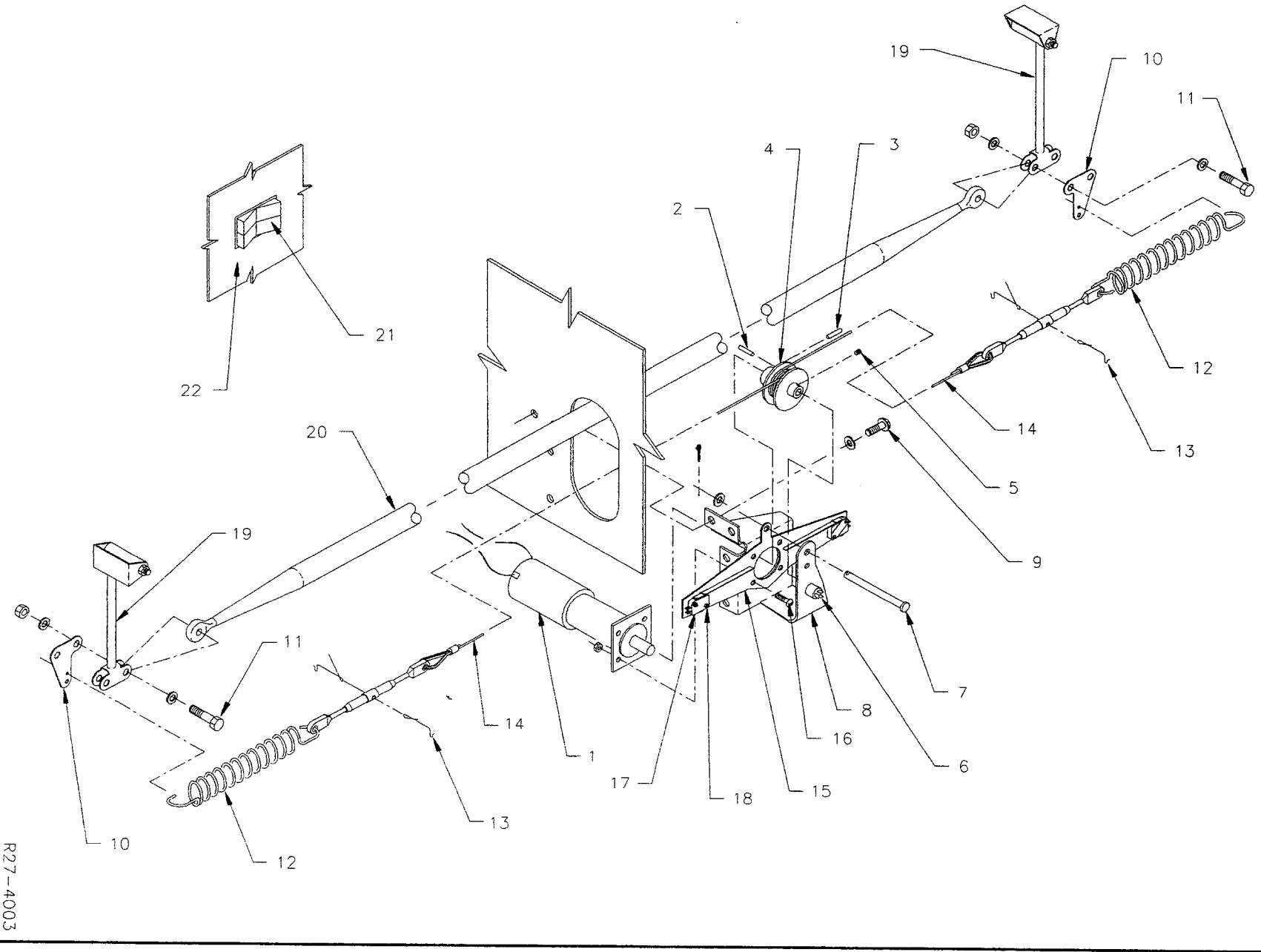


FIGURE 4 - RUDDER TRIM ASSEMBLY AND INSTALLATION

R27-4003

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
27-40-03				
4 -	740200-501	TRIM INSTALLATION, RUDDER (SEE FIG 1)		REF
4 1	880050-507	.MOTOR, GEARED		1
4 2	RPA52-018-500			
		.@PIN		1
4 3	RPA52-022-0625			1
		.@PIN		1
4 4	740080-001	.CAPSTAN		1
4 5	8-32 x .25	.@SET SCREW		1
4 6	WA2G056S-502UA			
		.POTENTIOMETER, W/HARDWARE		1
4 7	AN392-63	.PIN		1
4 7	AN960-4	.WASHER		1
4 7	MS24665-132			
		.PIN, COTTER		1
4 8	740199-001	.BRACKET		1
4 8	MS21059-L3	..NUTPLATE		1
4 8	MS20426AD3	..@RIVET		2
4 8	MS21061-L3	..NUTPLATE		1
4 8	MS20426AD3	..@RIVET		2
4 9	MS35207-262	@SCREW		4
4 9	AN960-10L	@WASHER		4
4 10	740198-001	.BRACKET		2
4 11	AN3-11A	@BOLT		4
4 11	AN960-10	@WASHER		8
4 11	MS21045-3	@NUT		4
4 12	740171-000	.SPRING		2
4 13	MS21256-1	.CLIP		4
4 14	740196-001	.CABLE ASSEMBLY		1
4 14	1/16 DIA. 7 X 7			
		.CABLE		1
4 14	18-1-C	..SLEEVE (NICOPRESS)		2
4 14	AN100-3	..THIMBLE		2
4 14	MS21251-B3S			
		..TURNBUCKLE		2
4 14	MS21255-3LS			
		..EYE		2
4 14	MS21255-3RS			
		..EYE		2
4 15	740197-001	.BRACKET		1
4 16	MS35206-217			
		@SCREW		4
4 16	MS21045-04	@NUT		4
4 17	V3-1	.SWITCH		2
4 17	JV-26	.ACTUATOR		2
4 18	MS35206-219	@SCREW		4
4 18	AN960-4	@WASHER		4
4 18	MS21042-04	@NUT		4
4 19	914016-501	BELLCRANK (SEE 27-20-00)		REF
4 20	915028-503	CONTROL TUBE (SEE 27-20-00)		REF
4 21	880052-519	SWITCH, RUDDER TRIM (SEE 39-10-00)		REF
4 22	820131	PANEL, PILOT'S (SEE 53-10-04)		REF

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M20R & M20S - ILLUSTRATED PARTS CATALOG

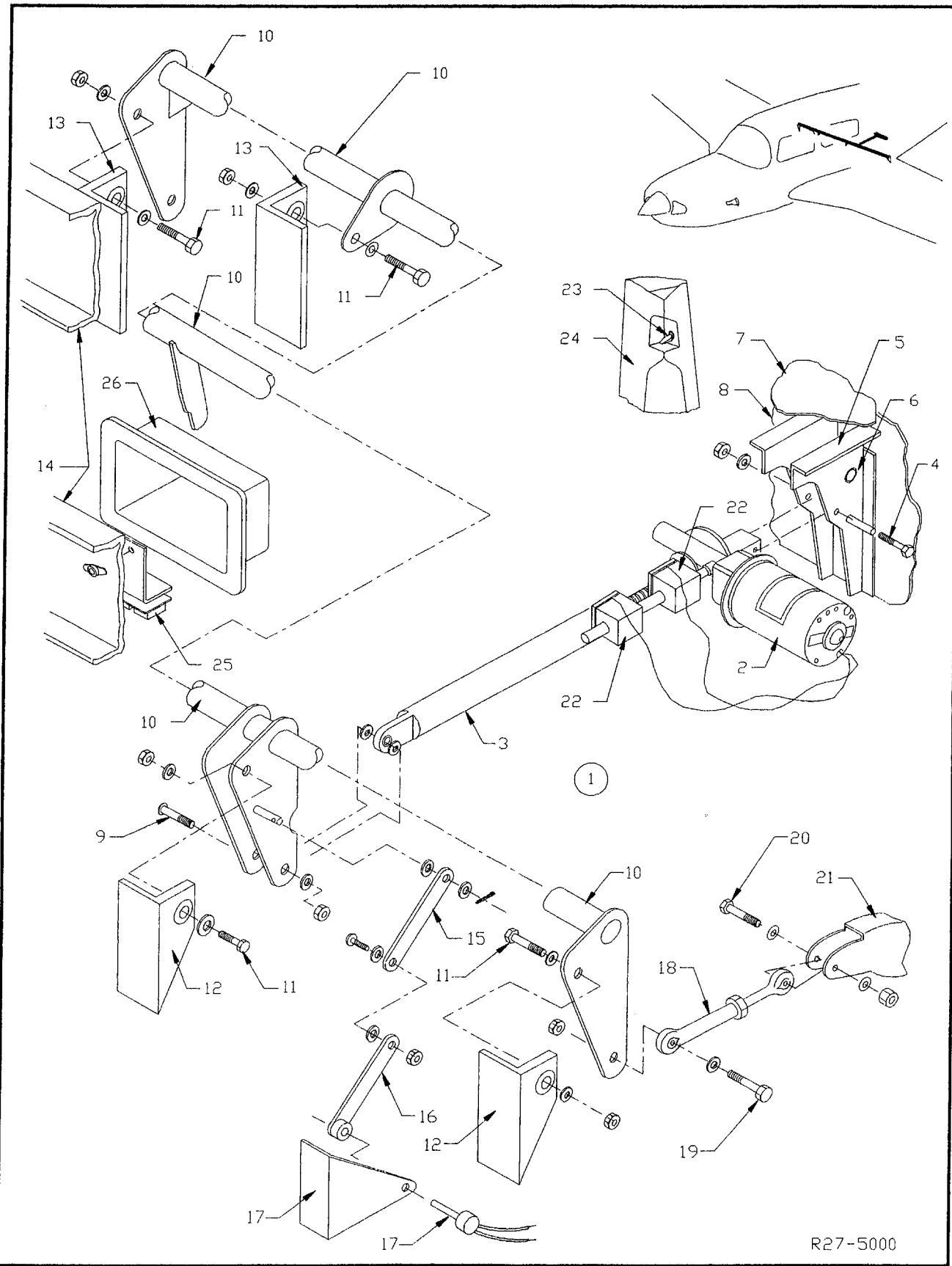


FIGURE 1 - FLAP ACTUATOR ASSEMBLY AND INSTALLATION

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
27-50-00				
1 -	750110-505	ACTUATOR ASSEMBLY & INSTALLATION, WING FLAP (SEE 00-00-00)	REF	
1 1	750110-503	.ACTUATOR ASSEMBLY	1	
1 2	750105-501	..ACTUATOR	1	
1 2	D145-00-36-1	..ACTUATOR (COMM. A/C) (ALT)	1	
1 3	750108-000	..BARREL ASSEMBLY, ACTUATOR	1	
1 3	750108-009	...TUBE	1	
1 3	AN565A4H2	...@SCREW, SET	1	
1 3	750108-003	...BARREL	1	
1 3	MS16562-52	...PIN, SPRING	4	
1 3	MS14102-3	...BEARING	1	
1 3	MS14103-3	...BEARING (ALT)	1	
1 4	AN4-15A	.@BOLT	1	
1 4	914020-029	.@BUSHING	1	
1 4	AN960-416	.@WASHER	1	
1 4	AN363-428	.@NUT	1	
1 5	750096-007	BRACKET, ACTUATOR, WING FLAP (SEE 53-10-03)	REF	
1 5	750096-009	BRACKET, ACTUATOR, WING FLAP (SEE 53-10-03)	REF	
1 6	AN931-6-10	.GROMMET	2	
1 7	350038	BAGGAGE COMPT., FLOOR (SEE 53-10-03)	REF	
1 8	350162	TAILCONE BULKHEAD (SEE 53-10-03)	REF	
1 9	AN3-11A	.@BOLT	1	
1 9	AN960-10L	.@WASHER	3	
1 9	AN363-1032	.@NUT	1	
1 10	750093-503	JACKSHAFT, FLAP PRE-SELECT	1	
1 11	AN3-5A	.@BOLT	3	
1 11	MS14102-3	.@BEARING, HINGE	3	
1 11	AN960-10L	.@WASHER	9	
1 11	AN363-1032	.@NUT	3	
1 12	750098-001	HINGE ASSEMBLY, LH (SEE 57-10-00)	REF	
1 13	750098-002	HINGE ASSEMBLY, RH (SEE 57-10-00)	REF	
1 14	210057	CENTER SPLICE, REAR SPAR (SEE 57-10-00)	REF	
1 15	750111-003	LINK, FLAP POSITION INDICATOR (SEE 27-50-01)	REF	
1 15	AN960-416	@WASHER (SEE 27-50-01)	REF	
1 15	AN380-2-1	@PIN, COTTER (SEE 27-50-01)	REF	
1 16	740247-503	ARM ASSEMBLY (SEE 27-50-01)	REF	
1 16	AN526-1032R-7			
		@SCREW (SEE 27-50-01)	REF	
1 16	AN960-416	@WASHER (SEE 27-50-01)	REF	
1 16	750111-005	@BUSHING (SEE 27-50-01)	REF	
1 16	MS21042-3	@NUT (SEE 27-50-01)	REF	
1 17	WA2G056S502UA	POTENTIOMETER (SEE 27-50-01)	REF	
1 17	750111-001	BRACKET (SEE 27-50-01)	REF	
1 18	F34-14MPB	.BEARING, ROD END, FLAP (HEIM)	/1	1
1 18	M34-14MPB	.BEARING, ROD END, FLAP	/1	1
1 18	AN316-4A	.NUT	1	
1 18	915002-003	.BEARING, PLATED (ALT)	1	
1 18	915002-002	.BEARING, PLATED (ALT)	1	
1 19	AN3-6A	.@BOLT	1	
1 19	AN960-10L	.@WASHER	2	
1 19	AN363-1032	.@NUT	1	

27-50-00

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MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1 20	AN3-10A	@BOLT		1
1 20	AN960-10	@WASHER		2
1 20	AN363-1032	@NUT		1
1 21	240014	WING FLAP	REF	
1 22	V3-1	.SWITCH, FLAP UP/DOWN LIMIT (MICRO)		2
1 22	JV-5	.ACTUATOR, SWITCH (MICRO)		2
1 23	8906K4731	SWITCH, FLAP CONTROL (SEE 53-20-02)	REF	
1 24	340206	CONSOLE (SEE 53-20-02)	REF	
1 25	800376	BRACKET, PRE-SELECT (SEE 57-10-04)	REF	
1 25	V-3	.SWITCH, PRE-SELECT, UP/DN (MICRO)		2
1 25	AN515-440-20	.@SCREW		2
		.@WASHER & NUT (SUPPLIED WITH ACTUATOR)		2
1 25	W67RCSX-3	.RELAY, UP/DOWN (MAGNACRAFT)	I/2	2
1 25	JT1E-DC24V	.RELAY, UP/DOWN (AROMAT)	I/2	2
1 25	940090-501	.RELAY, FLAP, RETROFIT KIT	II/2	1
1 25	70-303	..BASE		2
1 25	AN515-440R6	.@SCREW		4
1 25	AN960-4	@WASHER		4
1 25	AN365-440	@NUT		4
1 26	800054-001	.COVER ASSEMBLY	I/	1
1 26	AN526-632R6	.@SCREW	I/	2
1 26	AN960-6L	@WASHER	I/	2

EFFECTIVITIES:

- I 29-0001 THRU 29-0012
- II 29-0001 THRU 29-TBA

NOTES:

1. FOR ADDITIONAL ADJUSTMENT F34-14M(PB) MAY BE REPLACED WITH 915002-002 AND M34-14M(PB) MAY BE REPLACED WITH 915002-001 OR REM3-4. MIX OR MATCH ROD ENDS TO ALLOW PROPER RIGGING. JAM NUT MAY BE ADDED TO ROD END ASSEMBLY.
2. USE 940090-501 RETROFIT KIT TO REPLACE W67RCSX-3 RELAYS TO NEW JT1E-DC24V RELAYS. BOTH RELAYS WILL BE REPLACED WITH THE RETROFIT KIT. FOR 29-0013 THRU 29-TBA PURCHASE RETROFIT KIT 940090-501 TO MATCH 800376-501 RELAY ASSEMBLY.

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
FIG-ITEM				

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MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

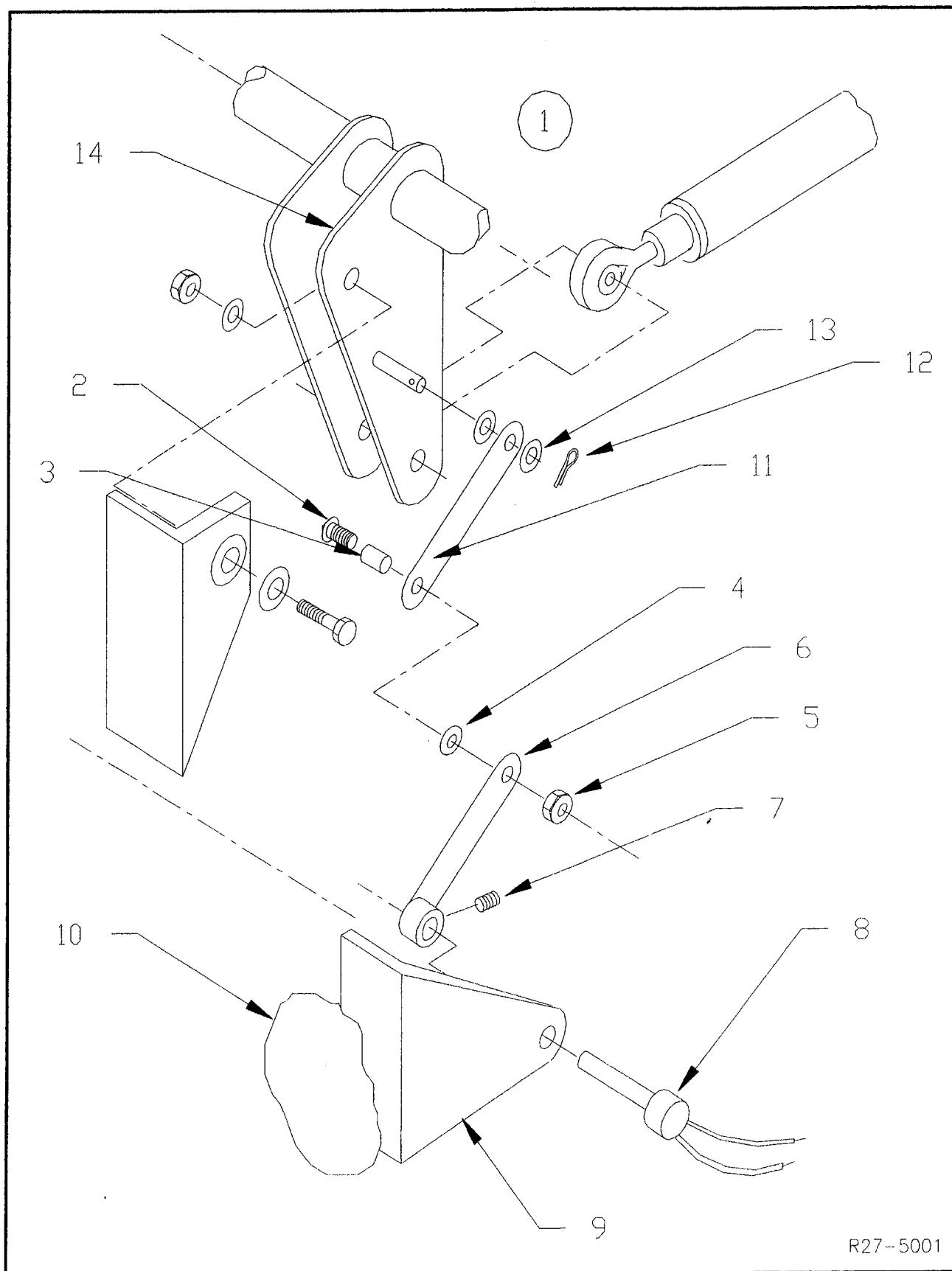


FIGURE 2 - FLAP INDICATOR ASSEMBLY AND INSTALLATION

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
27-50-01				
2- 1	750111-501	FLAP INDICATOR INSTALLATION (SEE 00-00-00 & 27-50-00)		REF
2- 2	AN526-1032R-7			
		@SCREW		1
2- 3	750111-005	@BUSHING, ARM PIVOT		1
2- 4	AN960-416	@WASHER		3
2- 5	MS21042-3	@NUT		1
2- 6	740247-503	ARM ASSEMBLY		1
2- 6	740247-003	..ARM		1
2- 6	740247-005	..BOSS		1
2- 7	8-32X.25LG	@SET SCREW		1
2- 8	WA2G056S502UA			
		.POTENTIOMETER (ALLEN-BRADLEY)(SEE 39-10-00)		1
2- 9	750111-001	.BRACKET		1
2- 10	310346-001	BULKHEAD (FUS. STA.90.75) (SEE 53-30-00)		REF
2- 11	750111-003	.LINK		1
2- 12	AN380-2-1	@COTTER PIN		1
2- 13	AN960-416	@WASHER		2
2- 14	750093-505	ARM ASSEMBLY (SEE 27-50-00)		REF
2- -	-	FLAP/TRIM INDICATOR (NI)(SEE 35-00-00)		REF

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

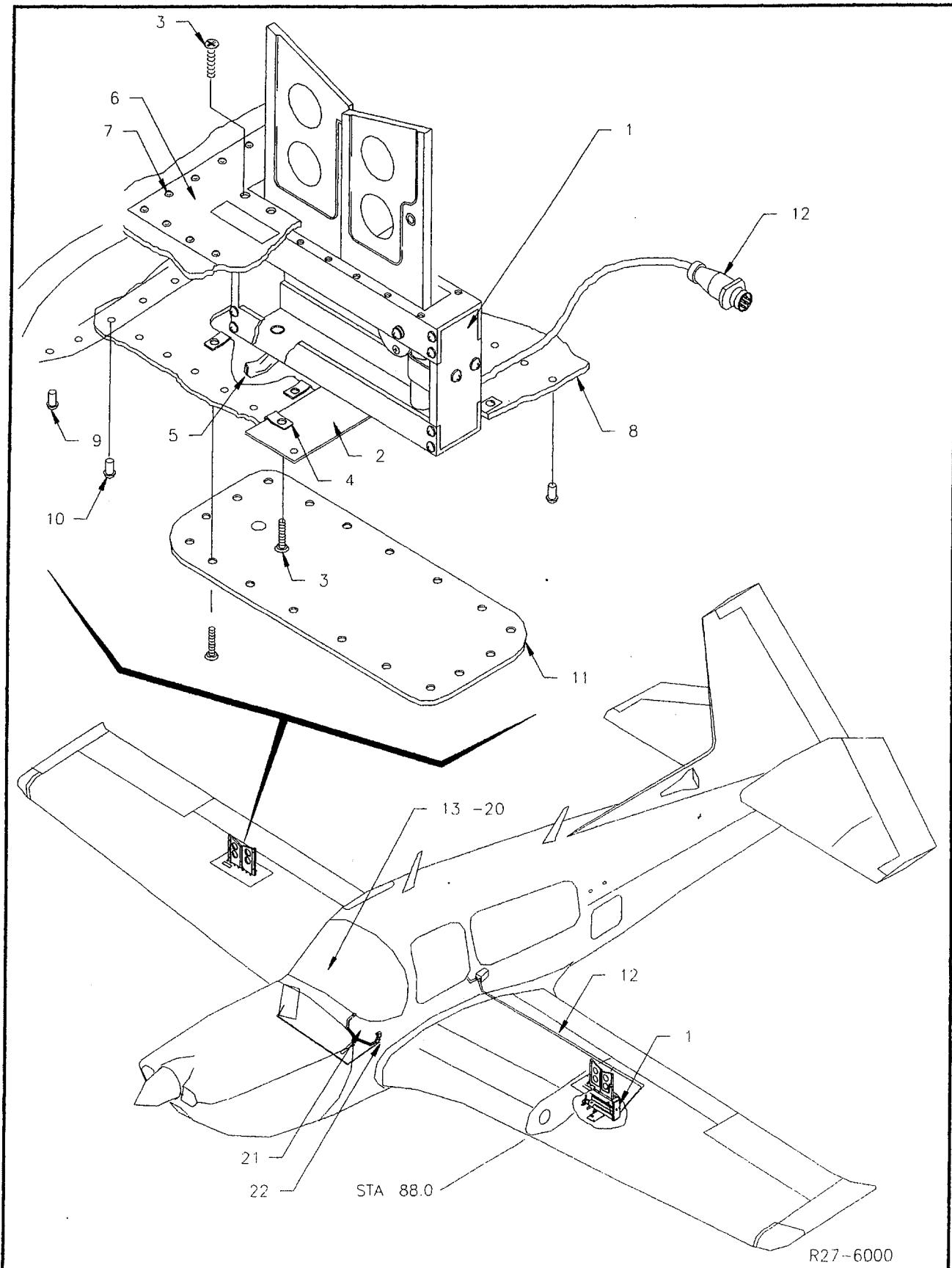


FIGURE 1 - SPEEDBRAKES (ELECTRIC) (DESCENT CONTROL)

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
27-60-00				
1 -	950271-501	SPEED BRAKE INSTALLATION, ELECTRIC (SEE 95-00-00)		REF
1 1	01577	.CARTRIDGE ASSEMBLY, (28 V) LH/RH		2
1 2	01551	.STRAP MOUNT, LH		1
1 2	01550	.STRAP MOUNT, RH		1
1 2	CR3243-4-2	.@RIVET, CHERRY MAX		6
1 3	AN525-832-R6	.@SCREW		46
1 4	RM52LHA49720-8-32	.@NUT CLIP		12
1 5	.25 X 3.00	.DRAIN TUBE (POLY TUBE)		2
1 5	.040 X 3/4 X 1/2	.RETAINER		2
1 5	1/8 X 3/16 AB4-4A	@RIVET		4
1 6	01533	.DOUBLER, UPPER, LH		1
1 6	01540	.DOUBLER, UPPER, RH		1
1 6	AN470AD-4-4	.@RIVET (NI)		100
1 7	AN470AD-4-5	.@RIVET		75
1 8	01534	.DOUBLER, LOWER, LH		1
1 8	01541	.DOUBLER, LOWER, RH		1
1 8	AN426AD-3-3	.@RIVET (NI)		52
1 9	AN470AD-4-4	.@RIVET		AR
1 10	AN470AD-4-5	.@RIVET		AR
1 11	00620	.COVER, INSPECTION		2
1 11	8R x 1/2 THA	.@SCREW		22
1 11	A1348-8Z1	.@NUTCLIP		22
1 12	01727	.PLUG (MALE)		2
1 12	01729	.PLUG (FEMALE)		2
1 12	#20 AWG	.WIRING HARNESS (40 ft)		2
1 12	AN931-4-9	.GROMMET		10
1 12	T30M-9	.BUNDLE, TIE		12
1 13	IDECRY4S-24VDC	.RELAY		1
1 13	MS21919DG3	.CLAMP, ADEL (NI)		4
1 13	208062-1	.@WIRE HOLDER		2
1 14	IDECSYRS-05	.SCREW TERMINAL		1
1 15	01378	.@RETAINER CLIP (IDEC RELAY)		2
1 16	01377	.@RETAINER (IDEC RELAY)		2
1 17	AN515-440R-24	.@SCREW		2
1 18	31880	.@TERMINAL, RELAY		4
1 19	AN960-4	.@WASHER		4
1 20	AN365-440A	.@NUT		4
1 21	7277-2-3	.CIRCUIT BREAKER		1
1 22	01265	.SWITCH, PUSH BUTTON (CONTROL WHEEL)(PRECISE FLIGHT)		1
1 22	PB123	.SWITCH, PUSH BUTTON (EATON)(ALT)		1
1 22	950155-007	.PLACARD (SPEED BRAKE)(NI)		2
1 22	950155-005	.COVER (NI)		/1 1
1 -	150080-4057	.PLACARD (SPEED BRAKE EQUIPPED:....)		/2 1
1 -	540S001	.TEMPLATE, WING, UPPER RH (NI)		1

MOONEY AIRCRAFT CORPORATION
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SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1 -	540S002	.TEMPLATE, WING, UPPER LH (NI)		1
1 -	540S003	.TEMPLATE, WING, LOWER RH (NI)		1
1 -	540S004	.TEMPLATE, WING, LOWER LH (NI)		1
1 -	00956	.WARRANTY CARD (NI)		1
1 -	00490	.INSTALLATION MANUAL, INFORMATION PACKET		1
1 -	540S108A	.INSTALLATION INSTRUCTIONS (PRECISE FLIGHT)		1
1 -	540S107A	.INSTALLATION INSTRUCTIONS (PRECISE FLIGHT)		1
1 -	540S106A	.INSTALLATION INSTRUCTIONS (PRECISE FLIGHT)		1
1 -	540S002A	.INSTALLATION INSTRUCTIONS (PRECISE FLIGHT)		1
1 -	000S013A	.INSTALLATION INSTRUCTIONS (PRECISE FLIGHT)		1

NOTES:

1. USE COVER IF AUTOPILOT IS NOT INSTALLED.
2. PLACARD IS LOCATED ON CONTROL PANEL.

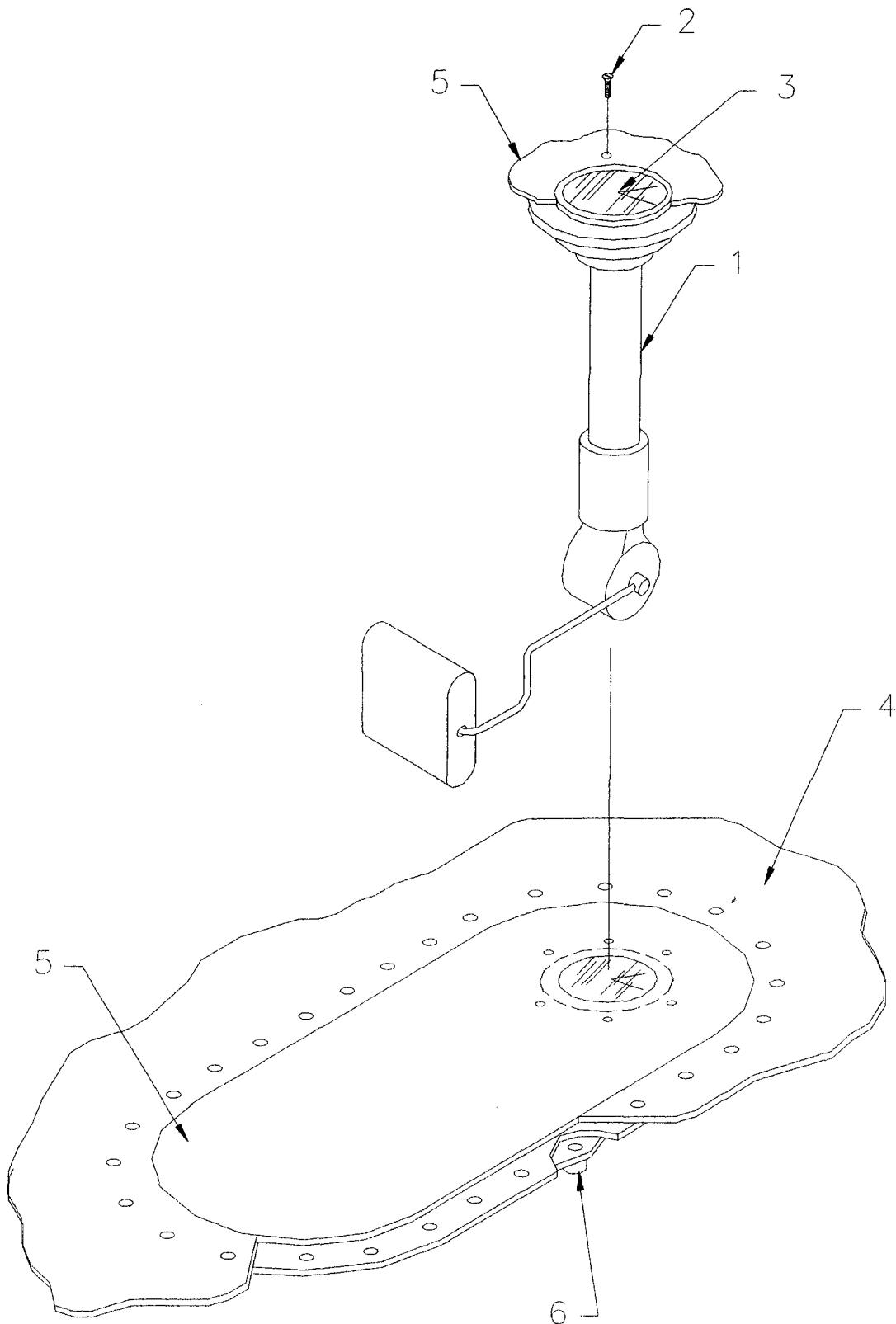
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M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY

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MOONEY AIRCRAFT CORPORATION
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R28-1000

FIGURE 1 - EXTERNAL FUEL GAUGE, WING

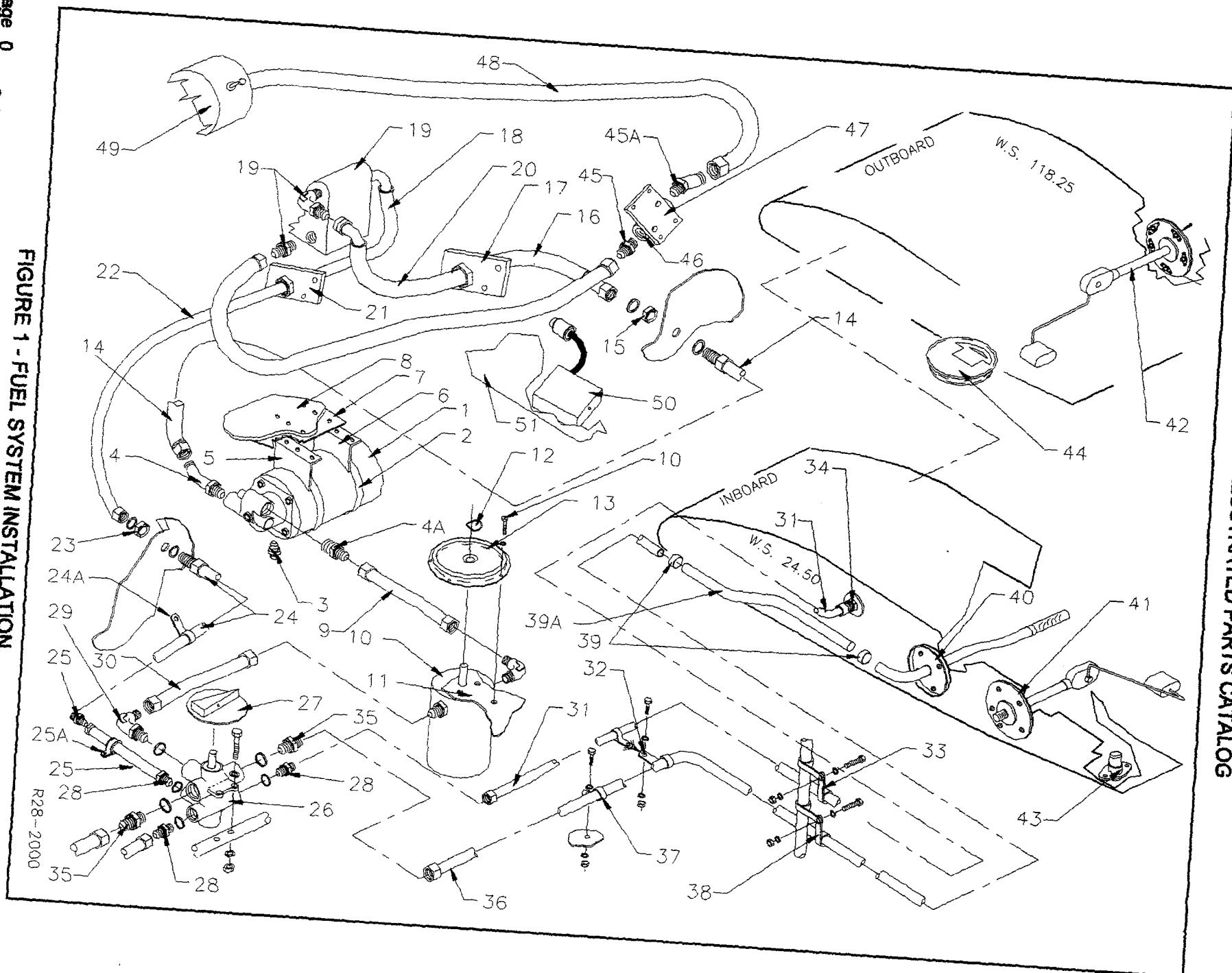
MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
28-10-00				
1- 1	880011-511	.GAUGE ASSEMBLY, FUEL, LH/RH (ROCHESTER)		2
1- 2	AN363-632	.@NUT	/1	6
1- 2	AN507-6R8	.@SCREW	/1	6
1- 2	MS20426-AD4	.@RIVET	/1	6
1- 3	880024-009	..DIAL	/2	1
1- 4	220000	WING SKIN (SEE 57-30-00)		REF
1- 5	210099-507	ACCESS PANEL, FUEL TANK (SEE 57-30-01)		REF
1- 5	22NA1K3-02	.NUT, ANCHOR (ESNA) (SEE 57-30-01)		22

NOTES

1. AN507-6R8 SCREWS AND AN363-632 NUTS ARE AN ACCEPTABLE ALTERNATE, AND CAN BE USED AS SPARES REPLACEMENT FOR MS20426-AD4 RIVETS. HOLE DIAMETER TO BE INCREASED TO .149/.140 FOR AN507-6R8 SCREWS.
2. DIAL IS HELD IN CAVITY BY RTV. NOTE PROPER ORIENTATION OF QUANTITY REFERENCE NUMBERS OF EXISTING DIAL (GAUGE) PRIOR TO REMOVAL.

WILSON, SELLERS & CO. 17



**MOONEY AIRCRAFT CORPORATION
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MOONEY AIRCRAFT CORPORATION
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SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
28-20-00				
1- -	610193-501	FUEL SYSTEM INSTALLATION (SEE 00-00-00)	/	REF
1- -	610193-503	FUEL SYSTEM INSTALLATION (SEE 00-00-00)	II/	REF
1- 1	A8152B	.FUEL PUMP (WELDON)		1
1- 2	AN735D40	.@CLAMP		2
1- 2	MS35207-264	.@SCREW		2
1- 2	MS21045L3	.@NUT		2
1- 3	AN816-3D	.ADAPTER		1
1- 4	MS51528B6	.FITTING, ELBOW		1
1- 4	MS29512-06	.O-RING		1
1- 4A	MS51525B6	.ADAPTER		1
1- 4A	MS29512-06	.O-RING		1
1- 5	610260-015	.BRACKET		1
1- 6	610260-017	.BRACKET		1
1- 7	610293-017	.DOUBLER		1
1- 8	340295	FLOORBOARD (SEE 53-20-01)		REF
1- 9	610195-005	.TUBE ASSEMBLY		1
1- 10	610015-013	.GASCOLATOR ASSEMBLY		1
1- 10	MS35207-263	.@SCREW		2
1- 10	AN936-A10	.@LOCK WASHER		2
1- 10	AN970-3	.@WASHER		2
1- 10	610015-900	..KIT, GASCOLATOR SEAL		1
1- 11	340295	FLOORBOARD (SEE 53-20-01)		REF
1- 12	SKR-9	..SPLIT RING (LUCKYLINE PROD)		1
1- 13	610258-003	..TRIM (BLACK) (STD)		1
1- 13	610258-005	..TRIM (GRAY) (OPT)		1
1- 13	4 x .375	..@SCREW		4
1- 14	610195-007	.TUBE ASSEMBLY	/	1
1- 14	610198-501	.TUBE ASSEMBLY	II/	1
1- 14	2650-28	..FIRESLEEVE	II/	AR
1- 14	900	..PRO-SEAL	II/	AR
1- 15	AN960-916	.WASHER, BULKHEAD	/	1
1- 15	AN924-6	.NUT, BULKHEAD	/	1
1- 16	610195-009	.TUBE ASSEMBLY	/	1
1- 17	610194-001	.BRACKET		1
1- 17	AN960-916	.WASHER, BULKHEAD		1
1- 17	AN924-6	.NUT, BULKHEAD		1
1- 18	156F001-4S-0220	.HOSE ASSEMBLY (STRATOFLEX)		1
1- 19	IO 550-G5B	ENGINE FUEL PUMP & COMPONENTS (TCM)		REF
1- 20	156F001-6D-0220	.HOSE ASSEMBLY (STRATOFLEX)		1
1- 21	610194-003	.BRACKET		1
1- 21	AN960-716	.WASHER, BULKHEAD		1
1- 21	AN924-4	.NUT, BULKHEAD		1
1- 22	610195-011	.TUBE ASSEMBLY	/	1
1- 22	610198-503	.TUBE ASSEMBLY	II/6	1
1- 22	2650-28	..FIRESLEEVE	II/	AR
1- 22	900	..PRO-SEAL	II/	AR
1- 23	AN960-716	.WASHER, BULKHEAD	/	2
1- 23	AN924-4	.NUT, BULKHEAD	/	1
1- 24	610195-025	.TUBE ASSEMBLY	/	1
1- 24A	MS21919WDG6			

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SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 24A	MS21919WDG5	.@CLAMP	II/	1
1- 24A	MS21919WDG10	.@CLAMP	II/	1
1- 24A	AN960-10	.@WASHER		2
1- 24A	914019-003	.@BUSHING		2
1- 24A	AN3-10A	.@BOLT		1
1- 24A	MS21042-3	.@NUT		1
1- 25	AN815-4D	.UNION	V	1
1- 25	610256-013	.TUBE ASSEMBLY	V	1
1- 25A	MS21919WDG8	.@CLAMP		1
1- 25A	MS21919WDG4	.@CLAMP	V	1
1- 25A	MS35206-246	.@SCREW	V	1
1- 25A	NAS43DD3-13	.@SPACER	V	1
1- 25A	AN960-8L	.@WASHER	V	1
1- 25A	MS21042-08	.@NUT	V	1
1- 25A	MS21919WDG5	.@CLAMP	II/	1
1- 25A	AN3-4A	.@BOLT	II/	1
1- 25A	AN960-10	.@WASHER	II/	2
1- 25A	MS21042-3	.@NUT	II/	1
1- 26	610289-001	.VALVE ASSEMBLY, FUEL SELECTOR		1
1- 26	AN3-20A	.@BOLT		2
1- 26	AN960-10	.@WASHER		2
1- 26	MS21045L3	.@NUT		2
1- 27	610175-501	.KNOB ASSEMBLY		1
1- 28	AN815-4D	.UNION		3
1- 28	MS29512-04	.O-RING		3
1- 29	MS51527-B8	.ELBOW		1
1- 29	AN924-8D	.NUT		1
1- 29	MS29512-08	.O'RING		1
1- 30	610293-503	.TUBE ASSEMBLY		1
1- 31	610256-001	.TUBE ASSEMBLY, LH/RH		2
1- 32	MS21919WDG9	.@CLAMP		1
1- 32	MS21919WDG6	.@CLAMP		1
1- 32	MS35207-263	.@SCREW		1
1- 32	AN960-10	.@WASHER		2
1- 32	MS21045L3	.@NUT		1
1- 33	MS21919WDG6	.@CLAMP		1
1- 33	MS21919WDG8	.@CLAMP		1
1- 33	MS35207-265	.@SCREW		1
1- 33	AN960-10L	.@WASHER		1
1- 33	MS21045L3	.@NUT		1
1- 34	210395-501	.FITTING, VAPOR RETURN (SEE 57-10-00)		REF
1- 34	AN816-4D	.NIPPLE		2
1- 35	AN815-8D	.UNION		2
1- 35	MS29512-08	.O'RING		2

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SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 36	610031-513	.TUBE ASSEMBLY, LH/RH		2
1- 37	MS21919WDG9			
1- 37		.@CLAMP		1
1- 37	MS35207-263	.@SCREW		1
1- 37	AN960-10	.@WASHER		2
1- 37	MS21045L3	.@NUT		1
1- 38	MS21919WDG9			
1- 38		.@CLAMP		1
1- 38	MS21919WDG8			
1- 38		.@CLAMP		1
1- 38	MS35207-265	.@SCREW		1
1- 38	AN960-10L	.@WASHER		1
1- 38	MS21045L3	.@NUT		1
1- 39	AN737TW24	.CLAMP		2
1- 39A	610146-025	.HOSE		1
1- 40	610046-501	.TUBE ASSEMBLY, LH		1
1- 40	610046-502	.TUBE ASSEMBLY, RH		1
1- 40	610261-003	.GASKET, LH/RH		1
1- 40	MS35207-262	.@SCREW, LH/RH		4
1- 40	AN960-10	.@WASHER, LH/RH		4
1- 41	610242-001	.TRANSMITTER, IB, LH/RH		2
1- 41	610202-003	.GASKET, FUEL TRANSMITTER		2
1- 41	MS35207-231	.@SCREW		5
1- 41	#2535	.@BUSHING (HH SMITH)		5
1- 41	22NA1K3-62	NUTPLATE		REF
1- 42	610242-005	.TRANSMITTER, OB, LH/RH		2
1- 42	610202-003	.GASKET, FUEL TRANSMITTER		2
1- 42	MS35207-263	.@SCREW		5
1- 42	22NA1K3-02	NUTPLATE		REF
1- 43	F-391-53S	.VALVE, LH/RH (POORMAN AIRCRAFT)		2
1- 43	F-391-53SMP	.PLATE, MOUNTING, LH/RH (POORMAN AIRCRAFT)		2
1- 44	610185-501	.FUEL CAP ASSEMBLY, LH/RH (SEE 57-10-00)		REF
1- 44	610185-001	.TUBE ASSEMBLY		1
1- 44	610183-501	.FUEL CAP & ADAPTER ASSEMBLY		1
1- 44	452-16-6	...LANYARD (SHAW AERO)		1
1- 44	531-017	...ADAPTER (SHAW AERO)		1
1- 44	531-001	...FUEL CAP (SHAW AERO)		1
1- 44	MS29513-338	...O'RING, OUTER		1
1- 44	MS29513-010	...O'RING, INNER		1
1- 45	AN816-4-4	.FITTING, ADAPTER		2
1- 45A	MS51508-B45	.ELBOW		1
1- 46	880030-501	.TRANSDUCER, FUEL FLOW		/1,3,4
1- 46	680501B	.TRANSDUCER, FUEL FLOW (SHADIN)		1
1- 47	610196-501	.BRACKET		1
1- 47	AN3-4	@BOLT		4
1- 47	AN960-10	.@WASHER		4
1- 48	IO-550-G(5)	HOSE ASSEMBLY (TCM)		REF
1- 49	IO-550-G(5)	FUEL METERING SYSTEM (TCM)		REF
1- 50	800270-523A	.VOLTAGE REGULATOR, LOW BOOST PUMP		III/ 1
1- 50	800397-501	.VOLTAGE REGULATOR, LOW BOOST PUMP		IV/ 1
1- 51	820131	INSTRUMENT PANEL (SEE 39-10-00)		REF

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SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
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EFFECTIVITIES:

- I 29-0001 THRU 29-0068
- II 29-0069 THRU 29-TBA & 30-0001 THRU 30-TBA
- III 29-0001 THRU 29-0199 & 30-0001 THRU 30-0039
- IV 29-0200 THRU 29-TBA & 30-0040 THRU 30-TBA

NOTES:

1. SEE 39-10-00 FOR INDICATOR CALL OUT.
2. KEYSTONE ELECTRONICS CORP, #341, CONCORD ELECTRONICS CORP, #760-2026, BIRNBACH RADIO CO, #6549A, OR DABURN ELECTRONICS & CABLE CORP MAY BE USED AS AN ALTERNATE FOR #2535 BUSHING.
3. INSTALL 2650-28 FIRESLEEVE OVER TRANSDUCER AND FITTINGS. SECURE WITH QS100-M20S CLAMPS (2 PLACES).
4. SEE 940124-501 RETRO-FIT KIT FOR FUEL FLOW TRANSDUCER. (SHADIN FUEL FLOW TRANSDUCER CONTAINS 201B FLOSCAN TRANSDUCER IN A METAL BOX.)
5. PART 610198-501 REPLACES ALL ITEMS FROM BRACKET 610194-001 (ITEM 17) TO FITTING MS51528B6 (ITEM 4).
6. PART 610198-503 REPLACES ALL ITEMS FROM BRACKET 610194-003 (ITEM 21) TO FITTING AN815-4D (ITEM 28).

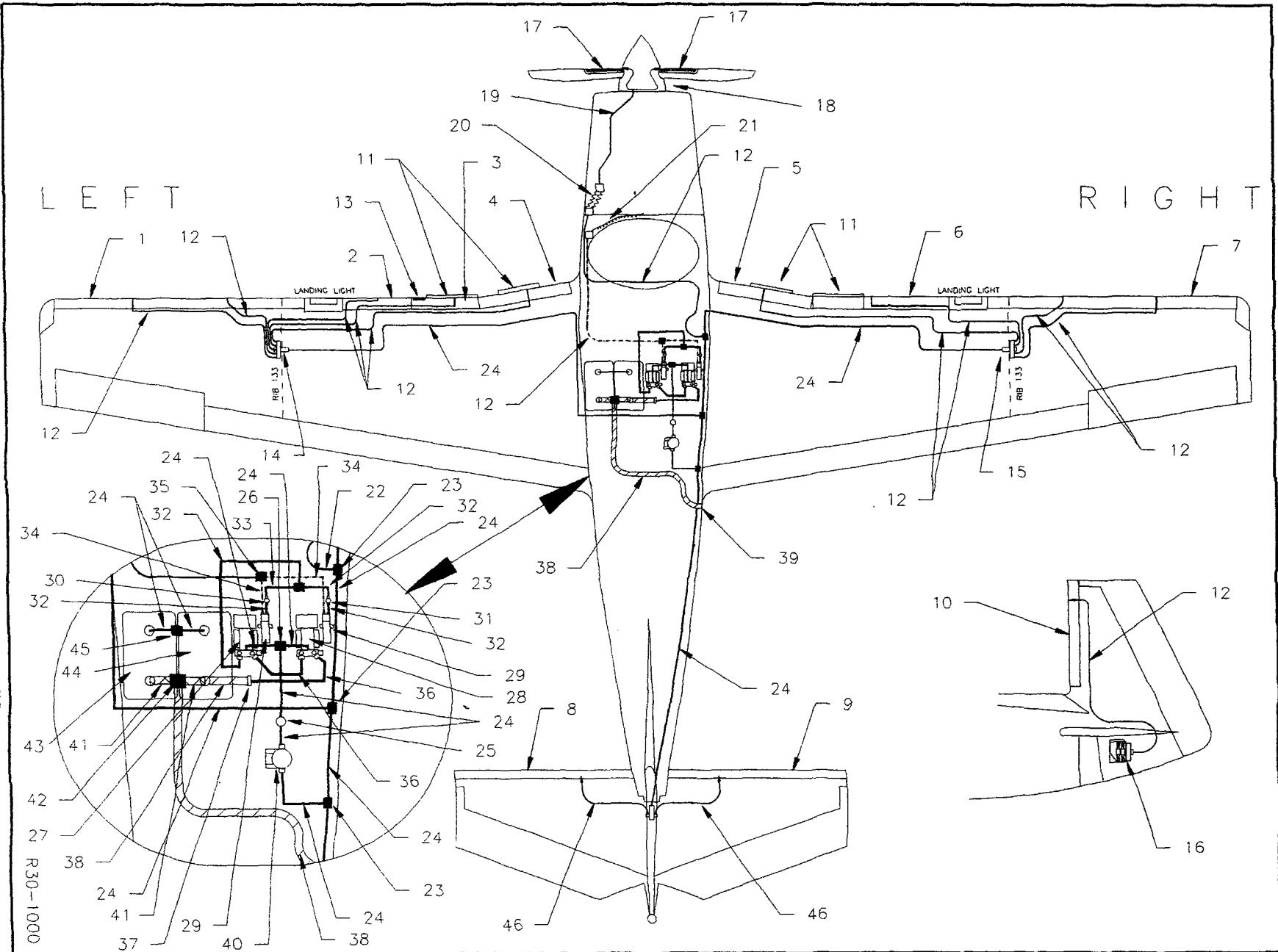
MOONEY AIRCRAFT CORPORATION
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SECTION	PART NUMBER	12345 NOMENCLATURE	EFFECT/	UNITS/
FIG-ITEM			NOTES	ASSY

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FIGURE 1 - TKS ICE PROTECTION INSTALLATION



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SECTION FIG- ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
30-10-00				
1- -	690007-501	TKS ICE PROTECTION SYSTEM (SEE 95-00-00)		REF
1- 1	08102-01	.POROUS PANEL, MAINPLANE		1
1- 2	08102-03	.POROUS PANEL, MAINPLANE		1
1- 3	08102-05	.POROUS PANEL, MAINPLANE		1
1- 4	08102-07	.POROUS PANEL, MAINPLANE		1
1- 5	08102-08	.POROUS PANEL, MAINPLANE		1
1- 6	08102-04	.POROUS PANEL, MAINPLANE		1
1- 7	08102-02	.POROUS PANEL, MAINPLANE		1
1- 8	08102-09	.POROUS PANEL, MAINPLANE		1
1- 9	08102-10	.POROUS PANEL, MAINPLANE		1
1- 10	08102-11	.POROUS PANEL, MAINPLANE		1
1- 11	D4615T	.STALL TRIGGER		4
1- 12	TTF135132	.NYLON TUBING, 3/16" O.D.		AR
1- 12	S1201-12	..SEAL		1
1- 12	MN4856	..NUT, ALUM.		1
1- 12	MN101-12	..OLIVE, ALUM.		1
1- 12	ZN4856	..NUT, S.S.		1
1- 12	ZN101-12	..OLIVE, S.S.		1
1- 13	C-98307-1	.STALL VANE		1
1- 13	AN526-C10-R8	..@SCREW		4
1- 13	EK0305	..PLUG		1
1- 13	EK0315	..PIN		4
1- 13	08146-02	..WIRING LOOM		1
1- 13	A10-80	..@RIVNUT		4
1- 13	S0105	..GROUND WIRE		1
1- 13	MS35207-261	..@SCREW		1
1- 13	AN960-10	..@WASHER		1
1- 13	AN364-1032	..@NUT		1
1- 14	PU300EW72	.PROPORTIONING UNIT, LH WING		1
1- 14	4652	..BRACKET, MOUNTING		1
1- 15	PU300DW73	.PROPORTIONING UNIT, RH WING		1
1- 15	4652	..BRACKET, MOUNTING		1
1- 16	08132-01	.PROPORTIONING UNIT, TAIL SECTION		1
1- 16	08132-06	..DOUBLER		1
1- 16	AN470A3-3	..@RIVETS		6
1- 16	AN526-1032R10	..@SCREWS		4
1- 17	1101	.OVERSHOE, PROPELLER DE-ICE		3
1- 17	EC1300L	..ADHESIVE		AR
1- 17	A56B	..CONDUCTIVE CEMENT		AR
1- 18	4674	.TUBE, PROP BLADE FEED		3
1- 18	4683-02	.SLINGER RING		1
1- 18	AN470A4-4	..@RIVET		18
1- 18	4683-07	..SCOOP		3
1- 18	AN470A4-4	..@RIVET		21
1- 18	-	..SEALANT 159		AR
1- 18	4561	."P" CLIP		3
1- 18	4676	.SPACER		3

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SECTION FIG- ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 18	MS24693-28			
1- 18	AN365-632	..@SCREW		3
1- 18	AN960-6L	..@NUT		3
1- 18	AN960-6L	..@WASHER		3
1- 19	0111-08	.NOZZLE		1
1- 19	ZN6079	.BACKNUT		1
1- 19	ZN6235	.CONNECTOR, BULKHEAD		1
1- 19	4683-06	.FEED TUBE BRACKET		1
1- 19	08125-03	.FEED TUBE		1
1- 19	1129	.TUBE, 3/16" S.S. X 22swg		AR
1- 19	ZN4856	.NUT, S.S.		1
1- 20	08125-02	.FIREHOSE ASSEMBLY		1
1- 20	MS21929-DG10			
		.CLAMP		1
1- 20	MS21929-DG14			
		.CLAMP		1
1- 20	AN3-5	..@BOLT		1
1- 20	AN960-10	..@WASHER		1
1- 20	AN363-1032	..@NUT		1
1- 20	ZN6079	.BACKNUT		3
1- 20	ZN6261	.CONNECTOR		2
1- 20	S1201-12	.SEAL		2
1- 20	ZN4856	.NUT		1
1- 21	4654	.SPRAYBAR TUBE ASSEMBLY		1
1- 21	4655	.SPRAYBAR DEFLECTOR ASSEMBLY		1
1- 21	4746	.SPRAYBAR SUPPORT		2
1- 21	CR3213-6-4	..CHERRYMAX RIVET		1
1- 21	AN960-616	.WASHER		1
1- 21	ZN6079	.BACKNUT		1
1- 21	S1201-12	.SEAL		1
1- 21	ZN101-12	.OLIVE		1
1- 21	ZN4856	.NUT		1
1- 22	4565	.FLOW LIMITER		1
1- 23	MN4651	.UNEQUAL TEE, 5/16-5/16-3/16		1
1- 24	TTF135134	.NYLON TUBING, 5/16" O.D.		AR
1- 24	MN4855	..NUT, ALUM.		2
1- 24	MN101-20	..OLIVE, ALUM.		2
1- 24	S1201-20	..SEAL		2
1- 25	P041B850	.PRESSURE SWITCH		1
1- 26	FV149	.CHECK VALVE ASSEMBLY		1
1- 27	9511AH270-135-28V			
		.METERING PUMP, 28 VOLT		1
1- 28	9511AQ270-135-28V			
		.METERING PUMP, 28 VOLT		1
1- 29	WP209A	.WINDSHIELD PUMP, 28 VOLT		2
1- 30	FV158A-28V			
		.SOLENOID VALVE		1
1- 31	FV158F-28V			
		.SOLENOID VALVE		1
1- 32	TTF135134	.NYLON TUBING, 5/16" O.D.		AR
1- 32	MN4855	..NUT, ALUM.		1
1- 32	MN101-20	..OLIVE, ALUM.		1
1- 32	S1201-20	..SEAL		2

MOONEY AIRCRAFT CORPORATION
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SECTION FIG- ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 32	ZN4855	..NUT, S.S.		1
1- 32	ZN101-20	..OLIVE, S.S.		1
1- 33	TTF135134	.NYLON TUBING, 5/16" O.D.	AR	
1- 33	ZN4855	..NUT, S.S.		2
1- 33	ZN101-20	..OLIVE, S.S.		2
1- 33	S1201-20	..SEAL		2
1- 34	TTF135132	.NYLON TUBING, 3/16" O.D.	AR	
1- 34	MN4856	..NUT, ALUM.		2
1- 34	MN101-12	..OLIVE, ALUM.		2
1- 34	S1201-12	..SEAL		2
1- 35	MN6069	.EQUAL TEE, 3/16"		1
1- 36	TTF135177	.NYLON TUBING, 3/8" O.D.	AR	
1- 36	MN6223	..NUT, ALUM.		2
1- 36	MN101-24	..OLIVE, ALUM.		2
1- 36	100-011-8810	..SEAL		2
1- 37	4664	.STRAINER ASSEMBLY		1
1- 38	1120	.CONVOLUTED TUBE, 1" I.D.	AR	
1- 38	QS200-16H	..HOSE CLAMP		2
1- 39	1143	.DOUBLER ASSEMBLY		1
1- 39	4665	.FILLER DOOR ASSEMBLY		1
1- 40	F903	.FILTER		1
1- 40	19295	..ELEMENT, FILTER		1
1- 40	MN4854	..COUPLING, 5/16-3/8 BSP		2
1- 40	AGS1186C	..BONDED SEAL		2
1- 40	4552	..DOUBLER, FILTER MOUNT		1
1- 41	1126	.CLEAR VINYL TUBE, 1" I.D.	AR	
1- 41	QS200-16H	..HOSE CLAMP		2
1- 42	4663	.EQUAL TEE, 1" TANK FILLER		1
1- 43	4662	.TANK, OUTBOARD		1
1- 43	4667	..TANK FILLER PAD, OUTBOARD		1
1- 44	4661	.TANK, INBOARD		1
1- 44	4668	..TANK FILLER PAD, INBOARD		1
1- 44	CT408	..FLUID LEVEL SENDER		1
1- 45	MN6206	..UNEQUAL TEE, 5/16-5/16-1/2		1
1- 45	TTF135226	..NYLON TUBING, 1/2" VENT LINE	AR	
1- 45	MN6201	...NUT, ALUM.		1
1- 45	MN101-32	...OLIVE, ALUM.		1
1- 45	100-013-8810	..."O" RING		1
1- 46	TTF135132	.NYLON TUBING, 3/16" O.D.	AR	
1- 46	ZN4856	..NUT, S.S.		1
1- 46	ZN101-12	..OLIVE, S.S.		1
1- 46	S1201-12	..SEAL		1
1- 46	MN4855	..NUT, ALUM.		1
1- 46	MN101-20	..OLIVE, ALUM.		1
1- 46	S1201-20	..SEAL		1
1- -	940105	STAND-BY ALTERNATOR RETRO-FIT KIT (SEE 71-00-00)	/1	REF

NOTE:

1. REQUIRED WHEN TKS IS INSTALLED.

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

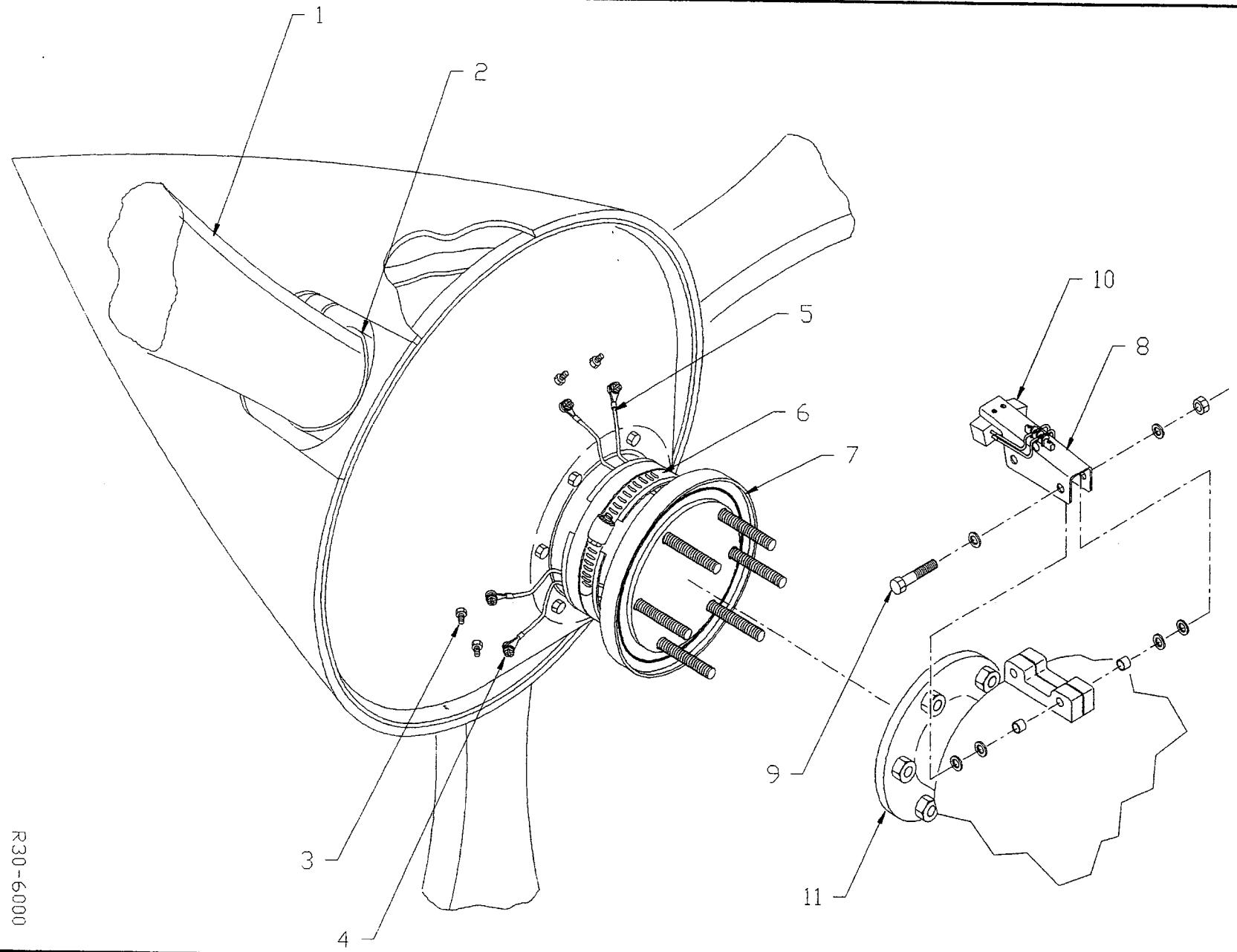


FIGURE 1 - PROPELLER DE-ICE INSTALLATION (MCCAULEY)

R30-6000

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
30-60-00				
1- -	690005-501	PROPELLER DE-ICE INSTALLATION (HOT PROP)(SEE 95-00-00)		REF
1- 1	4E2200-8	.BOOT, DE-ICER (BFG)		3
1- 2	B-40251	.STRAP, RETAINER (McCAULEY)		3
1 2	1300L	.ADHESIVE (3M)		AR
1- 3	3E1271-2	.@CLIP, LEAD (BFG)		3
1- 3	MS51957-30	.@SCREW, PAN HEAD		6
1- 3	AN960C6	.@WASHER		6
1- 3	MS21045-06	.@NUT		6
1- 4	MS35214-29	.@SCREW, BRASS		6
1- 4	MS35333-37	.@WASHER		18
1- 4	2E1260	.@BUSHING (BFG)		12
1- 4	AN340B6	.@NUT, BRASS		6
1- 4	MS21083N06	.@NUT, LOCK		6
1- 5	A-40626	.WIRE ASSEMBLY, JUMPER (McCAULEY) (ATTACH TO BULKHEAD AND SLIP RING HARDWARE)		6
1- 6	2E1301	.SPACER, RUBBER (BFG)		3
1- 6	200-80S	.@CLAMP, HOSE (AERO SEAL)		2
1- 7	D-40238	.SLIP RING ASSEMBLY (McCAULEY)		1
1- 8	C-40298	.BRACKET ASSEMBLY, BRUSH BLOCK (McCAULEY)		1
1- 9	AN5-23A	.@BOLT		2
1- 9	AN960-516L	.@WASHER		4
1- 9	AN960-PD516L	.@WASHER		AR
1- 9	B-40030-3	.@SPACER (McCAULEY)		4
1- 9	MS21045-5	.@NUT		2
1- 10	C-40257	.BRUSH BLOCK ASSEMBLY (McCAULEY)		1
1- 10	AN503-10-18	.@SCREW		2
1- 10	AN960-10	.@WASHER		2
1- 10	B-40024-2	.@SPACER, BRUSH BLOCK (McCAULEY)		2
1- 10	AN960-PD10L	.@WASHER		8
1- 11	IO 550-G5(B)	ENGINE (TCM) (SEE 71-00-00)		REF
1- -	B-45018	.TIMER, DE-ICE CONTROL (McCAULEY)		1

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

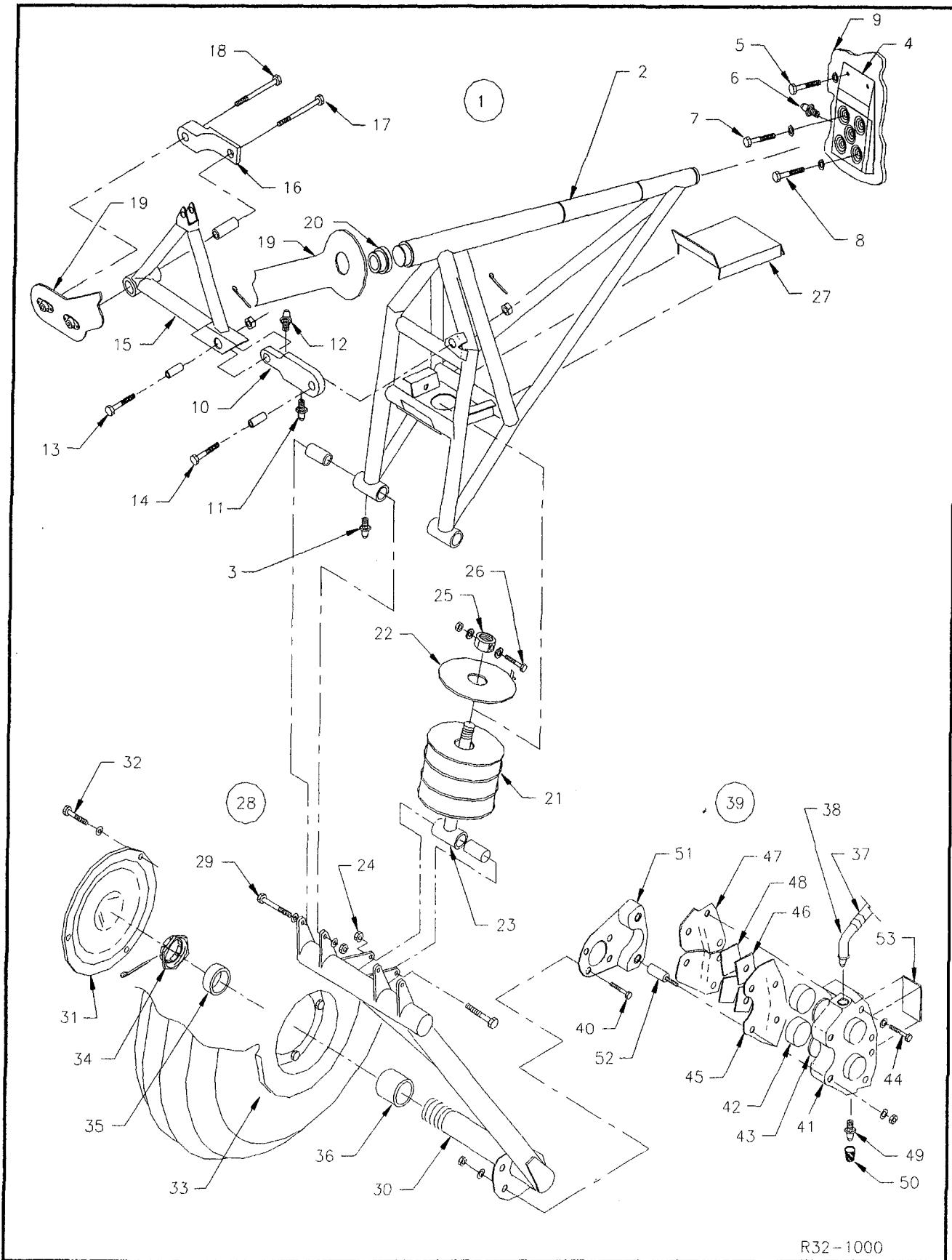


FIGURE 1 - MAIN LANDING GEAR ASSEMBLY

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
32-10-00				
1- 1	520022-511	GEAR ASSEMBLY, MAIN, LH (SEE 00-00-00)	REF	REF
1- 1	520022-512	GEAR ASSEMBLY, MAIN, RH (SEE 00-00-00)		1
1- 2	520023-501	.LEG ASSEMBLY, MLG, LH		1
1- 2	520023-502	.LEG ASSEMBLY, MLG, RH		1
1- 3	MS15001-1	.FITTING, GREASE		1
1- 4	210368-501	.SUPPORT ASSEMBLY, TRUNNION, LH		1
1- 4	210368-502	.SUPPORT ASSEMBLY, TRUNNION, RH		1
1- 4	210368-001	..SUPPORT, LH		1
1- 4	210368-002	..SUPPORT, RH		1
1- 4	510004-007	.SHIM (.020 THK) (NI)	/1	AR
1- 4	510004-009	.SHIM (.025 THK) (NI)	/1	AR
1- 4	510004-011	.SHIM (.032 THK) (NI)	/1	AR
1- 4	510004-013	.SHIM (.040 THK) (NI)	/1	AR
1- 4	510004-015	.SHIM (.050 THK) (NI)	/1	AR
1- 4	510004-017	.SHIM (.063 THK) (NI)	/1	AR
1- 5	AN4-6A	@BOLT		2
1- 5	AN960-416	@WASHER		2
1- 6	MS15001-1	..FITTING, GREASE (LH, RH)		2
1- 7	AN4-13A	@BOLT		2
1- 7	AN960-416	@WASHER		2
1- 8	AN4-14A	@BOLT		2
1- 8	AN960-416	@WASHER		2
1- 9	210054	STUB SPAR (SEE 57-10-04)	REF	REF
1- 10	510079-001	.LINK, RETRACTING		1
1- 11	MS15001-1	.FITTING, GREASE		1
1- 12	MS15001-4	.FITTING, GREASE		1
1- 13	NAS1106-12D			
		@BOLT		1
1- 13	914020-017	@BUSHING, LINK		1
1- 13	AN320-6	@NUT		1
1- 13	AN380-3-3	@PIN, COTTER		1
1- 14	NAS1307-29	@BOLT		1
1- 14	AN960-716	@WASHER	AR	
1- 14	MS21044N7	@NUT		1
1- 14	914020-145	@BUSHING		1
1- 15	520024-501(A-2)			
		.TRUSS ASSEMBLY, LH		1
1- 15	520024-502(A-2)			
		.TRUSS ASSEMBLY, RH		1
1- 15	MS15002-1	.FITTING, GREASE (NI)		1
1- 16	510046-003	.BRACKET, SPAR/TRUSS, ATTACH		1
1- 17	914020-143	@BUSHING, TRUSS/SPAR		1
1- 17	510078-001	@BOLT		1
1- 17	510017-017	.SPACER (.032 THK)	/2	AR
1- 17	510078-003	@BOLT		1
1- 17	510017-019	.SPACER (.040 THK)	/2	AR
1- 17	510017-021	.SPACER (.050 THK)	/2	AR
1- 17	510078-005	@BOLT		1
1- 17	510017-023	.SPACER (.063 THK)	/2	AR
1- 17	510017-025	.SPACER (.071 THK)	/2	AR
1- 18	AN5H-14A	@BOLT		1
1- 19	560026	STRAP, TENSION (SEE 57-10-02)	REF	REF

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 20	210132-001	BEARING (SEE 57-10-02)		REF
1- 21	530021-000	.DISC SHOCK		4
1- 22	510033-501	.SPACER ASSEMBLY		1
1- 23	520010-501	.LINK ASSEMBLY, SHOCK DISC		1
1- 23	MS15001-1	.FITTING, GREASE (NI)		1
1- 24	AN9-25A	..@BOLT		1
1- 24	NAS1309-30	..@BOLT (ALTERNATE)		1
1- 24	NAS6609-34	..@BOLT (ALTERNATE)		1
1- 24	914007-005	..@BUSHING, DISC/SPINDLE		1
1- 24	MS21044N9	..@NUT		1
1- 25	510049-001	.COLLAR, SHOCK DISC	/3	1
1- 26	914003-501	..@BOLT		1
1- 26	AN960-516	..@WASHER		1
1- 26	MS21083N5	..@NUT		1
1- 27	510029-000	.SHIELD, M.G SHOCK STACK (OPT)		1
1- 28	520029-509	.SPINDLE/MAIN WHEEL & BRAKE ASSEMBLY, LH		1
1- 28	520029-510	.SPINDLE/MAIN WHEEL & BRAKE ASSEMBLY, RH		1
1- 29	AN6-23A	..@BOLT		2
1- 29	914020-019	..@BUSHING, SPINDLE/LEG		2
1- 29	AN960-616	..@WASHER		4
1- 29	MS21044N6	..@NUT		2
1- 30	520002-505	..SPINDLE ASSEMBLY, LH		1
1- 30	520002-506	..SPINDLE ASSEMBLY, RH		1
1- 31	520027-501	..WHEEL COVER		1
1- 32	MS35206-241			
		..@SCREW		3
1- 32	AN936-A8	..@WASHER		3
1- 33	40-90A	..WHEEL ASSEMBLY (P. H.) (SEE 32-40-00)		1
1- 33	6.00 X 6	..TIRE (SEE 32-40-00)	/4	REF
1- 33	6.00 X 6	..TUBE (SEE 32-40-00)		REF
1- 34	MS21025-24	..@NUT, AXLE, MLG		1
1- 34	MS24665-362			
		..@COTTER PIN, MLG		1
1- 35	510019-021	..@SPACER, MLG		1
1- 36	510019-007	..@SPACER, MLG - 1.875 IN. LONG	/5	AR
1- 36	510019-009	..@SPACER, MLG - 1.830 IN. LONG	/5	AR
1- 36	510019-011	..@SPACER, MLG - 1.938 IN. LONG	/5	AR
1- 36	510019-013	..@SPACER, MLG - 1.905 IN. LONG	/5	AR
1- 36	510019-015	..@SPACER, MLG - 2.000 IN. LONG	/5	AR
1- 36	510019-017	..@SPACER, MLG - 1.968 IN. LONG	/5	AR
1- 36	510019-019	..@SPACER, MLG - 2.050 IN. LONG	/5	AR
1- 37	850109	HYDRAULIC BRAKE SYSTEM (SEE 32-40-01)		REF
1- 37	950270	HYDRAULIC BRAKE SYSTEM (SEE 32-40-01)		REF
1- 38	MS20823-3D	..FITTING, ELBOW		2
1- 39	30-65	..BRAKE ASSEMBLY (P. H.)		1
1- 40	AN4-5A	..@BOLT		4
1- 40	AN960-416	..@WASHER		4
1- 40	MS21044N4	..@NUT		4
1- 41	91-21	..CYLINDER ASSEMBLY		1
1- 41	61-18CYLINDER		1
1- 42	92-16	..PISTON ASSEMBLY		2
1- 43	101-27	..O-RING		2
1- 44	103-118	..@BOLT, LOCK,		4

**MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG**

SECTION	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
FIG-ITEM				
1- 44	95-104	...@WASHER		4
1- 45	73-10	...PLATE, PRESSURE		1
1- 46	66-105	...LINING		2
1- 46	#561-2	...@RIVET		4
1- 47	74-10	...PLATE, BACK		2
1- 48	66-105	...LINING		2
1- 48	#561-2	...@RIVET		4
1- 49	81-1	...SEAT, BLEEDER		1
1- 49	79-3	...SCREW, BLEEDER		1
1- 50	183-1	...CAP, BLEEDER		1
1- 51	75-39	...PLATE ASSEMBLY, TORQUE		1
1- 51	510006-007SHIM		1
1- 52	69-4	...@BOLT, ANCHOR		2
1- 52	AN960-416L	...@WASHER		2
1- 52	AN365-428	...@NUT		2
1- 53	166-15	...NAME PLATE		1

NOTES:

1. MAXIMUM OF ANY 2 SHIMS.
2. MAXIMUM OF .071 SPACING.
3. SUBSTITUTE 510049-003, -005, -007, -009 OR -011 COLLAR AS NECESSARY TO OBTAIN PROPER AXLE CENTER LINE POSITION. SEE M20M SERVICE AND MAINTENANCE MANUAL, CHAPTER 32, FOR PROPER AXLE CENTER LINE POSITION.
4. RETRACTION CHECKS SHOULD BE DONE AFTER ANY TIRE REMOVAL AND/OR REPLACEMENT. (SEE SERVICE & MAINTENANCE MANUAL, SECTION 32)
5. USE SPACER REQUIRED TO ALLOW .12 INCH CLEARANCE BETWEEN BRAKE DISC & MLG LEG ASSY.

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

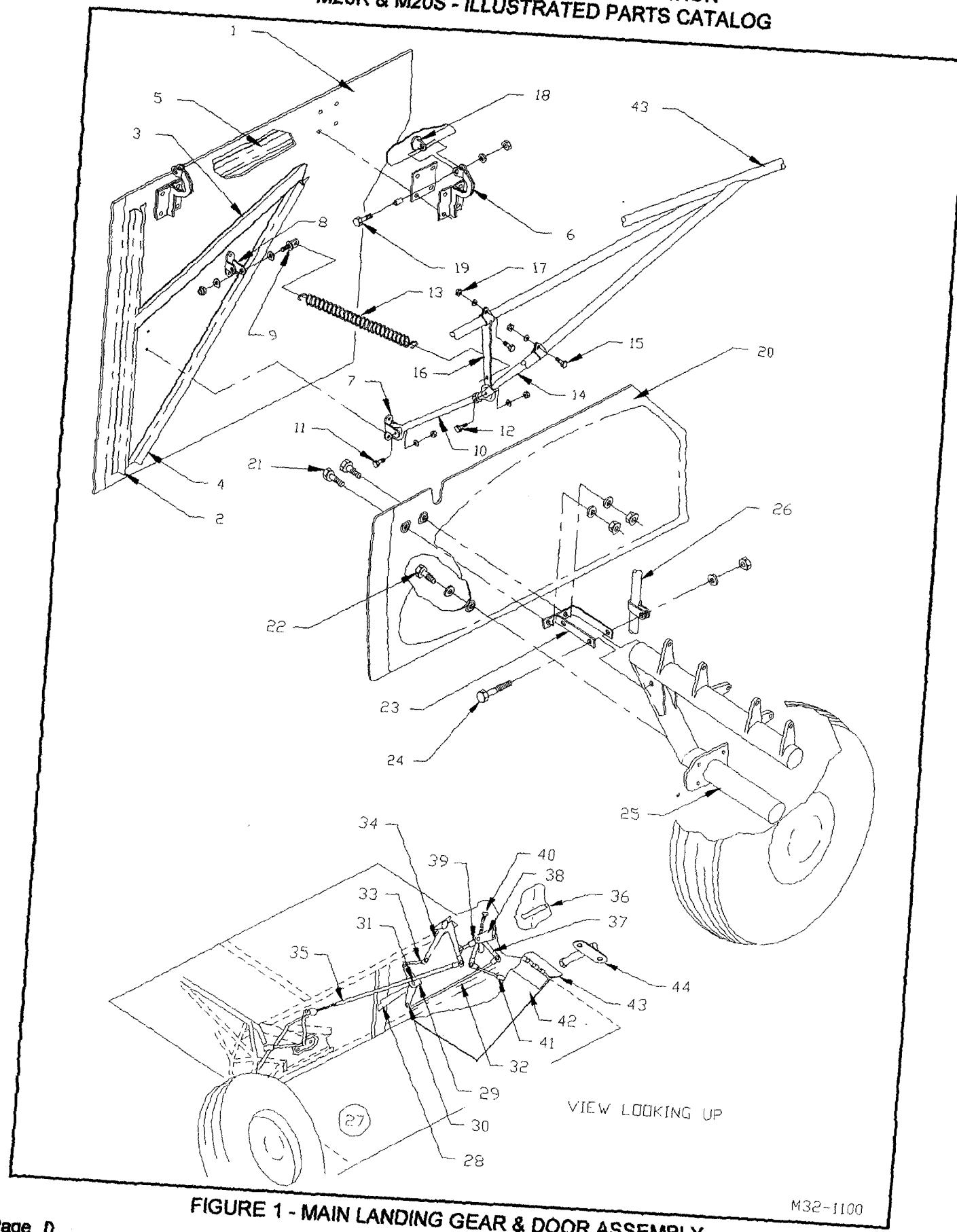


FIGURE 1 - MAIN LANDING GEAR & DOOR ASSEMBLY

M32-1100

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
32-11-00				
1- -	550078-501	MLG, DOOR ASSEMBLY & INSTALLATION (SEE 00-00-00)		REF
1- -	550078-502	MLG, DOOR ASSEMBLY & INSTALLATION (SEE 00-00-00)		REF
1- 1	550065-503	.MLG DOOR ASSEMBLY, LH		1
1- 1	550065-504	.MLG DOOR ASSEMBLY, RH		1
1- 1	550065-003	..MAIN GEAR DOOR, LH		1
1- 1	550065-004	..MAIN GEAR DOOR, RH		1
1- 2	550011-007	..STIFFENER, LH/RH		1
1- 3	550041-001	..STIFFENER, LH		1
1- 3	550041-002	..STIFFENER, RH		1
1- 4	550097-001	..STIFFENER, LH		1
1- 4	550097-002	..STIFFENER, RH		1
1- 5	550096-001	..STIFFENER, LH		1
1- 5	550096-002	..STIFFENER, RH		1
1- 5	PR1422-A	..SEALANT		AR
1- 5	PR1422-B	..SEALANT (ALT)		AR
1- 6	550001-001	..HINGE, LH/RH		2
1- 6	550003-009	..SHIM, LH/RH		2
1- 7	550010-000	..BRACKET ASSEMBLY, DOOR, LH/RH		1
1- 8	550006-000	..BRACKET, DOOR, LH/RH		1
1- 8	550065-005	..SHIM		1
1- 9	AN42B-3A	..EYE BOLT		1
1- 9	AN960-10	..WASHER		2
1- 9	MS21045-L3	..NUT		1
1- 10	550064-503	LINK ASSEMBLY, MAIN GEAR FORWARD, LH/RH		1
1 10	M34-14MPB	..BEARING, HEIM		1
1- 10	AN316-4R	..NUT ADJUSTING		1
1- 11	AN3-12A	@BOLT		1
1- 11	AN960-10	@WASHER		1
1- 11	MS21045L3	@NUT		1
1- 12	AN3-13A	@BOLT		1
1- 12	AN960-10	@WASHER		1
1- 12	MS21045L3	@NUT		1
1- 13	110003-007	SPRING		1
1- 13	AN42B-3A	@EYE BOLT		1
1- 13	AN960-10	@WASHER		1
1- 13	MS21045L3	@NUT		1
1- 14	550015-005	ARM ASSEMBLY, DOOR SUPPORT, LH		1
1- 14	550015-006	ARM ASSEMBLY, DOOR SUPPORT, RH		1
1- 15	AN4-7A	@BOLT		1
1- 15	AN960-416	@WASHER		1
1- 15	MS21045L4	@NUT		1
1- 16	550015-003	ARM ASSEMBLY, DOOR SUPPORT, LH		1
1- 16	550015-004	ARM ASSEMBLY, DOOR SUPPORT, RH		1
1- 17	AN4-7A	@BOLT		1
1- 17	AN960-416	@WASHER		1
1- 17	MS21045L4	@NUT		1
1- 18	AN44-5A	@ EYEBOLT LH/RH		1
1- 19	AN3-6A	@BOLT		2
1- 19	914020-035	@BUSHING		2
1- 19	AN960-10L	@WASHER		2
1- 19	MS21044N3	@NUT		2
1- 20	550091-501	MIDDLE GEAR DOOR INSTALLATION, LH (SEE 00-00-00)		REF

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 20	550091-502	MIDDLE GEAR DOOR INSTALLATION, RH (SEE 00-00-00)		REF
1- 20	550089-505	.MIDDLE DOOR ASSEMBLY, LH		1
1- 20	550089-506	.MIDDLE DOOR ASSEMBLY, RH		1
1- 21	MS24694S50	.@SCREW		2
1- 21	550089-009	.@ WASHER, COUNTERSUNK		2
1- 21	AN960-10	.@WASHER	AR	
1- 21	MS21042-3	.@NUT		2
1- 22	AN4-5A	.@BOLT		1
1- 22	AN960-416	.@WASHER	AR	
1- 22	MS21045L4	.@NUT		1
1- 22	MS21069L4	.@NUT PLATE (ALT)		1
1- 23	550089-501	..BRACKET ASSEMBLY, LH		1
1- 23	550089-502	..BRACKET ASSEMBLY, RH		1
1- 24	AN3-23A	..@BOLT		1
1- 24	AN960-10	..@WASHER		1
1- 24	MS21045L3	..@NUT		1
1- 25	520002	SPINDLE ASSEMBLY, MLG (SEE 32-10-00)		REF
1- 26	850109	BRAKE LINE INSTALLATION (SEE 32-40-01)		REF
1- 27	550073-501	ACTUATION SYSTEM, INBOARD GEAR DOOR, LH (SEE 00-00-00)		REF
1- 27	550073-502	ACTUATION SYSTEM, INBOARD GEAR DOOR, RH (SEE 00-00-00)		REF
1- 28	550087-005	.BRACKET, LH		1
1- 28	550087-006	.BRACKET, RH		1
1- 29	550087-009	BRACKET, LH (SEE 57-10-02)		REF
1- 29	550087-010	BRACKET, RH (SEE 57-10-02)		REF
1- 30	550081-501	.BELLCRANK, LH		1
1- 30	550081-502	.BELLCRANK, RH		1
1- 30	B-47	..BEARING		1
1- 30	914020-161	..BUSHING		1
1- 30	MS20392-2C9	..PIN (PRESS FIT)		1
1- 31	AN3-11A	.@BOLT		1
1- 31	AN960-10L	.@WASHER		1
1- 32	550082-503	.ROD, LOWER (LONG)		1
1- 32	AN960-10	.@WASHER		2
1- 32	AN381-2-6	.@PIN, COTTER		2
1- 33	550082-505	.ROD, UPPER (SHORT)		1
1- 33	AN393-17	.@PIN, CLEVIS		1
1- 33	MS20392-2C17	@PIN, CLEVIS (ALT)		1
1- 33	AN960-10	.@WASHER		2
1- 33	AN381-2-6	.@PIN, COTTER		2
1- 34	560269-501	BELLCRANK ASSEMBLY, LH (SEE 32-30-00)		REF
1- 34	560269-502	BELLCRANK ASSEMBLY, RH (SEE 32-30-00)		REF
1- 34	MS20392-2C9	..PIN (PRESS FIT) (SEE 32-30-00)		REF
1- 35	560255-501	TUBE ASSEMBLY, LH/RH (SEE 32-30-00)		REF
1- 36	915020-000	TUBE ASSEMBLY, LH/RH (SEE 32-30-00)		REF
1- 37	550083-501	.BELLCRANK, LH		1
1- 37	550083-502	.BELLCRANK, RH		1
1- 37	MS20392-2C7	..PIN (PRESS FIT)		1
1- 37	AN42B-3A	..EYE BOLT		1
1- 37	AN960-10	..WASHER		2
1- 37	MS20364-1032	..NUT		1
1- 37	914020-160	..BUSHING		1
1- 37	B-47	..BEARING (TORRINGTON)		2
1- 38	550086-501	BRACKET ASSEMBLY, LH (SEE 57-10-00)		REF

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 38	550086-502	BRACKET ASSEMBLY, RH (SEE 57-10-00)		REF
1- 39	AN3-33A	.@BOLT, LH/RH		1
1- 39	AN960-10	.@WASHER, LH/RH		2
1- 40	110003-007	.SPRING, LH/RH		1
1- 41	550082-501	.ROD, LH/RH		1
1- 41	AN23-14A	.@BOLT, CLEVIS, LH/RH		1
1- 41	AN960-10L	.@WASHER, LH/RH		2
1- 41	MS21045-L3	.@NUT, LH/RH		1
1- 41	AN3-7A	.@BOLT (NI)LH/RH		1
1- 41	AN960-10L	.@WASHER (NI)LH/RH		2
1- 41	AN960-10	.@WASHER (NI)LH/RH		2
1- 41	MS21045-L3	.@NUT (NI)LH/RH		1
1- 42	550088-505	GEAR DOOR ASSEMBLY & INSTALLATION, INBD MLG, LH		REF
1- 42	550088-506	GEAR DOOR ASSEMBLY & INSTALLATION, INBD MLG, RH (SEE 00-00-00)		REF
1- 43	550088-009	.HINGE HALF		1
1- 43	550088-013	.HINGE HALF		1
1- 43	550088-011	.PIN, HINGE		1
1- 43	550088-021	.SHIM, LH		1
1- 43	550088-022	.SHIM, RH		1
1- 43	550088-503	.ARM ASSEMBLY, LH		1
1- 43	550088-504	.ARM ASSEMBLY, RH		1
1- 43	550088-023	.DOOR PANEL, LH		1
1- 43	550088-024	.DOOR PANEL, RH		1
1- 43	550088-019	.CHANNEL		1
1- 43	550079-003	.STIFFENER		1
1- 44	550075-501	.BELLCRANK STOP ASSEMBLY		1
1- 44	550075-001	..STOP		1
1- 44	NAS428-3-7	..BOLT		1
1- 44	NAS428-3-11	..BOLT (ALTERNATE)		1
1- 44	AN315-3	..NUT		1
1- 45	520023	LEG, MAIN GEAR (SEE 32-10-00)		REF

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

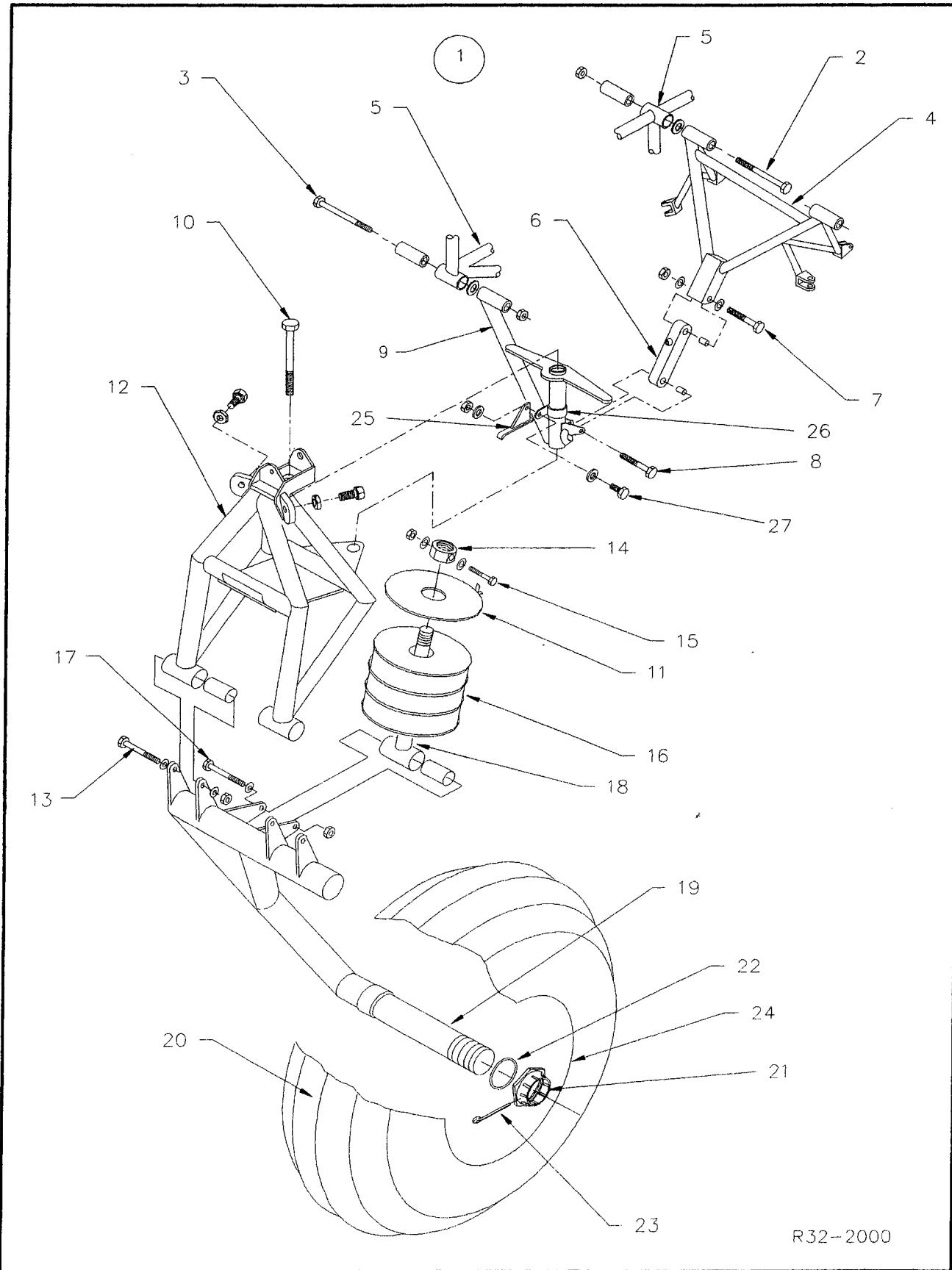


FIGURE 1 - NOSE LANDING GEAR ASSEMBLY

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
32-20-00				
1- 1	540008-505	GEAR ASSEMBLY, NOSE LANDING (SEE 00-00-00)		REF
1- 2	AN6-33A	.@BOLT		2
1- 2	914007-013	.@BUSHING		2
1- 2	AN960-616	.@WASHER		4
1- 2	AN363-624	.@NUT		2
1- 3	AN6-42A	.@BOLT		2
1- 3	914007-002	.@BUSHING, TRUSS/STRUCTURE		2
1- 3	AN960-616	.@WASHER		2
1- 3	AN363-624	.@NUT		2
1- 4	540017-509	.TRUSS ASSEMBLY, NOSE GEAR, UPPER, RETRACT		1
1- 4	MS15001-3	.FITTING, GREASE		2
1- 5	340155	TUBULAR STRUCTURE (SEE 53-10-01)		REF
1- 6	530068-001	.LINK, OVERCENTER, NLG		1
1- 6	MS15001-1	.FITTING, GREASE		2
1- 7	AN6-14A	.@BOLT		1
1- 7	914020-017	.@BUSHING, LINK/UPPER TRUSS		1
1- 7	AN960-616L	.@WASHER		1
1- 7	AN363-624	.@NUT		1
1- 8	AN6-15A	.@BOLT		1
1- 8	914020-021	.@BUSHING, LINK/LOWER TRUSS		1
1- 8	AN960-816	.@WASHER		6
1- 8	AN363-624	.@NUT		1
1- 9	540001-503	.TRUSS ASSEMBLY, NLG, LOWER		1
1- 9	MS15001-1	.FITTING, GREASE		1
1- 9	MS15001-3	.FITTING, GREASE		2
1- 10	NAS1307-72D	.@BOLT		1
1- 10	914007-004	.@BUSHING, LEG/LOWER TRUSS		1
1- 10	AN960-716	.@WASHER		3
1- 10	AN310-7	.@NUT		1
1- 10	AN380-3-3	.@PIN, COTTER		1
1- 11	530023-001	.SPACER ASSEMBLY, SHOCK DISC, NLG		1
1- 12	540004-509	.LEG ASSEMBLY, NLG		1
1- 12	MS15001-1	.FITTING, GREASE		2
1- 12	NAS565-21	.BOLT, TRAVEL STOP		2
1- 12	AN316-5R	.NUT, TRAVEL STOP, ADJUSTING		2
1- 13	AN7-22A	.@BOLT (AN7-23A ALT.)		2
1- 13	914007-003	.@BUSHING, LEG/SPINDLE		2
1- 13	AN960-716	.@WASHER		2
1- 13	AN363-720	.@NUT		2
1- 14	510050-005	.COLLAR, NLG		1
1- 14	510050-007	.COLLAR, NLG (ALT)		1
1- 15	AN5-16A	.@BOLT		1
1- 15	AN960-516	.@WASHER		2
1- 15	AN363-524	.NUT		1
1- 16	530021-000	.LANDING GEAR SHOCK DISC.		3
1- 17	914004-000	.@BOLT, DISC/SPINDLE		/1
1- 17	914004-001	.@BOLT, DISC/SPINDLE (ALTERNATE)		/1
1- 17	914004-003	.@BOLT, DISC/SPINDLE (ALTERNATE)		/1
1- 17	914007-005	.@BUSHING, SHOCK/SPINDLE		1
1- 17	AN363-918	.@NUT		1
1- 18	540015-001	.SHOCK LINK ASSEMBLY, NLG		1
1- 18	MS15001-1	.FITTING, GREASE		1

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 19	540003-503	.SPINDLE, NOSE GEAR		1
1- 20	40-87	.WHEEL ASSEMBLY (SEE 32-40-00)		REF
1- 20	500 X 5	..TIRE, TYPE III, 6 PLY (SEE 32-40-00)	/2	REF
1- 20	500 X 5	..TUBE (SEE 32-40-00)		REF
1- 21	AN7502-20	@NUT, AXLE, NLG		1
1- 22	530005-000	@SPACER, AXLE, NLG		2
1- 23	AN380-4-8	@PIN, COTTER		1
1- 24	40-87	.WHEEL ASSEMBLY (P. H.) (SEE 32-40-00)		1
1- 25	540018-001	.TURNING INDICATOR INSTALLATION.		1
1- 26	738-10-14	@CLAMP		1
1- 27	AN3-4A	@BOLT		1
1- 27	AN960-10L	@WASHER		2
1- 27	MS20365-1032	@NUT		1

NOTES:

1. 914004-000 BOLT IS MODIFIED NAS1309-28 BOLT. MACHINING TOLERANCES ON LEG ASSEMBLY EARS MAY CREATE REQUIREMENT FOR A 914004-001 BOLT (MODIFIED NAS1309-30), AND HARDWARE AVAILABILITY MAY CREATE REQUIREMENT FOR A 914004-003 BOLT (MODIFIED NAS6609-34).
2. RETRACTION CHECKS SHOULD BE DONE AFTER ANY TIRE REMOVAL AND/OR REPLACEMENT.

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY

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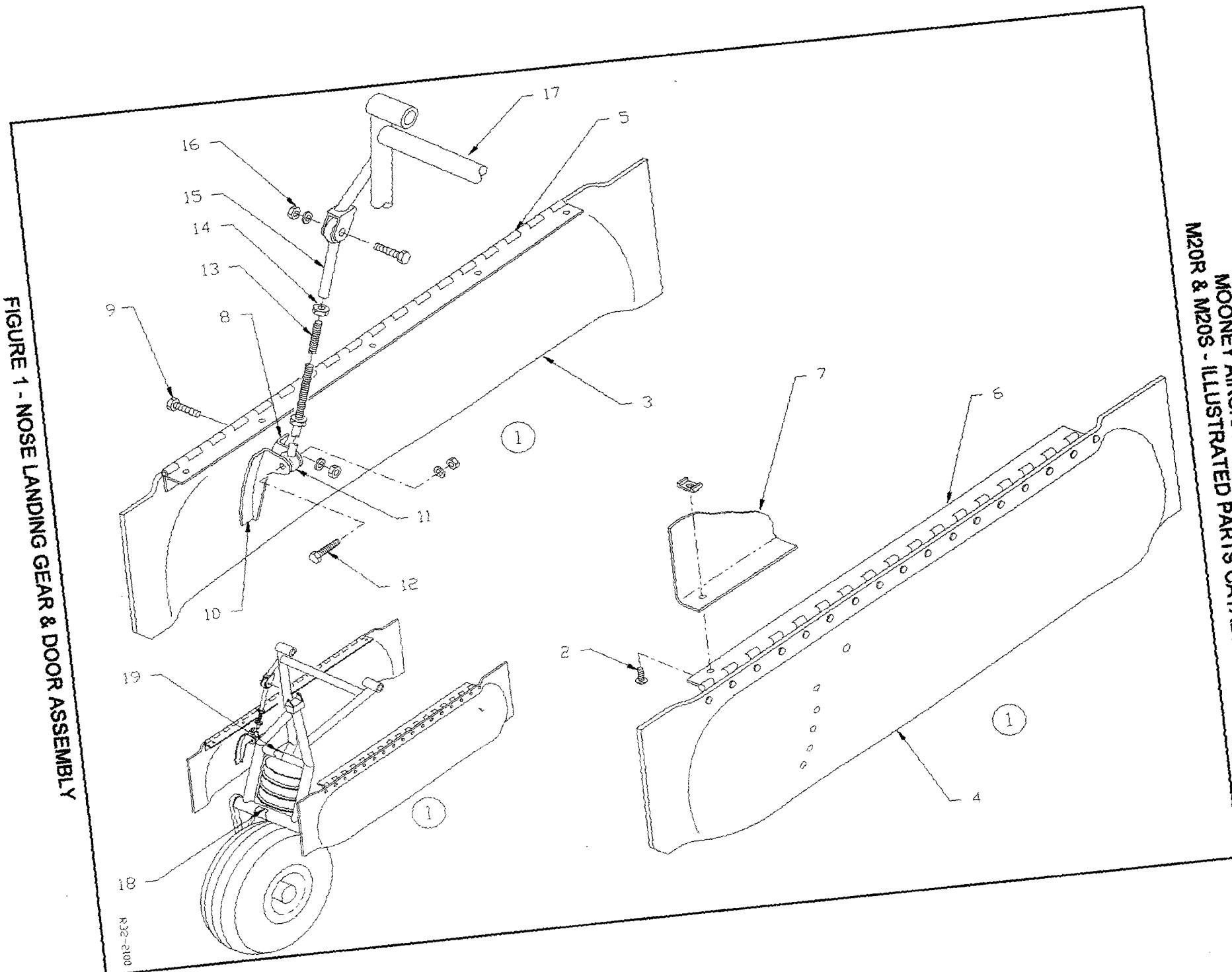


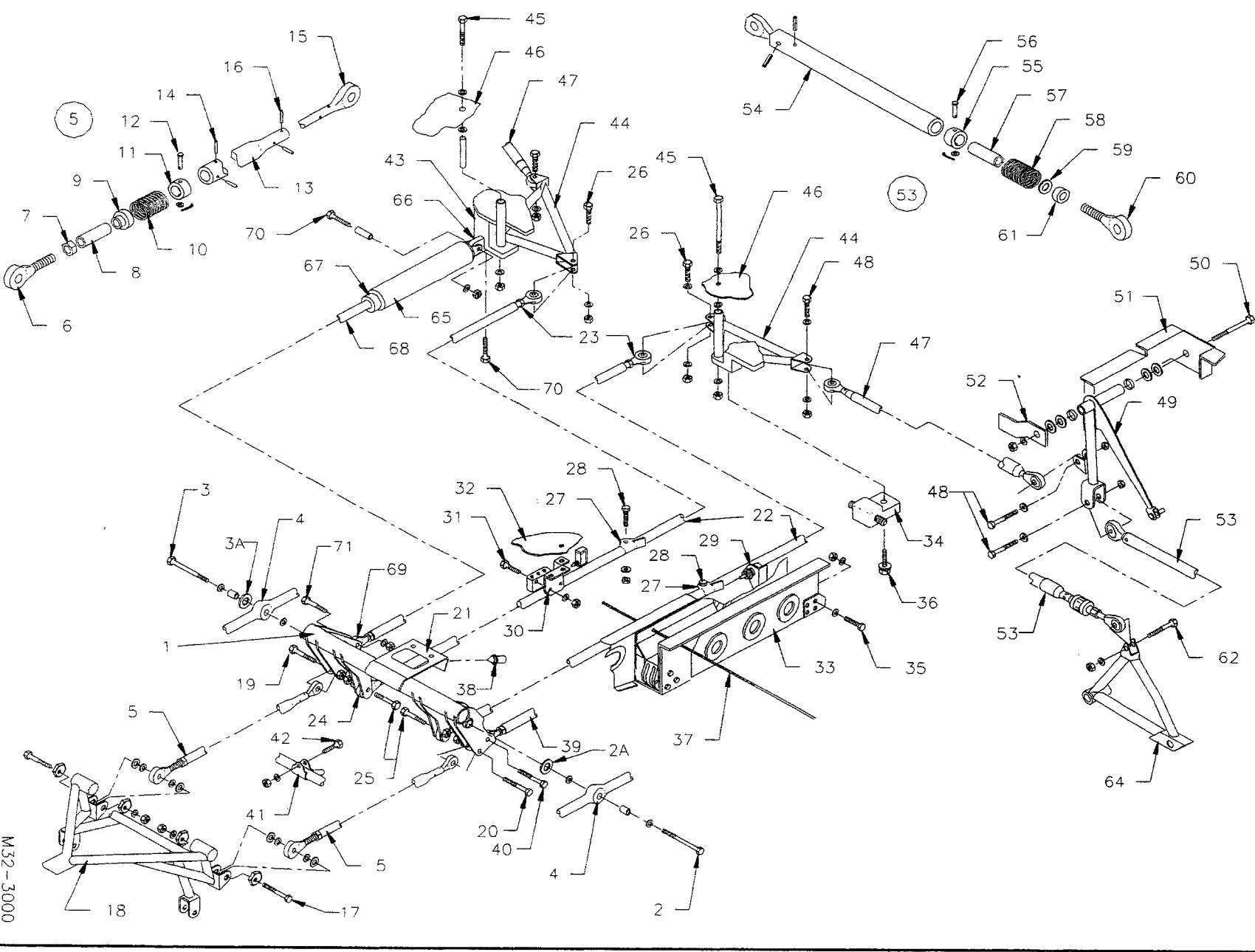
FIGURE 1 - NOSE LANDING GEAR & DOOR ASSEMBLY

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
32-21-00				
1- -	550032-505	DOOR ASSEMBLY & INSTALLATION, NOSE GEAR (SEE 00-00-00)		REF
1- 1	550032-015	.DOOR ASSEMBLY, LH		1
1- 1	550032-017	.DOOR ASSEMBLY, RH		1
1- 2	MS24694-S3	.@SCREW		16
1- 3	550005-008	..DOOR SKIN, RH		1
1- 4	550005-007	..DOOR SKIN, LH		1
1- 5	550032-008	..HINGE, RH		1
1- 6	550032-007	..HINGE, LH		1
1- 7	310335-501	STIFFENER, LH (SEE 53-10-00)		REF
1- 7	310335-502	STIFFENER, RH (SEE 53-10-00)		REF
1- 8	550034-000	..CLIP, NOSE GEAR DOOR, RH		1
1- 8	550072-001	..BRACKET, NOSE GEAR DOOR LH		1
1- 9	AN526-1032R8	..@SCREW		1
1- 9	AN960-10	..@WASHER		1
1- 9	AN365-1032	..@NUT		1
1- 10	550031-000	..BRACKET, RH		1
1- 10	550030-003	..BRACKET, LH		1
1- 11	F34-14N	..BEARING (NARROW BALL) (HEIM)		2
1- 12	AN23-21A	..@BOLT		2
1- 12	550017-005	..@SPACER		8
1- 12	AN960-10	..@WASHER		2
1- 12	AN365-1032	..@NUT		2
1- 13	550025-013	..LINK, CONTROL		2
1- 14	AN316-4R	..NUT		4
1- 15	F34-14N	..BEARING (HEIM)		2
1- 16	AN23-17A	..@BOLT		2
1- 16	AN365-1032	..@NUT		2
1- 17	540017	NOSE GEAR TRUSS (SEE 32-40-00)		REF
1- 18	150080-6035	.DECAL, WARNING: TOWING LIMITS (SEE 11-20-00)		REF
1- 19	150080-6036	.DECAL, TOWING LIMITS (SEE 11-20-00)		REF

**MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG**

FIGURE 1 - RETRACTION SYSTEM, LANDING GEAR



MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
32-30-00				
1- -	560260-501	RETRACTION SYSTEM, ELECTRIC (SEE 00-00-00)		REF
1- 1	560236-507	.BELLCRANK, RETRACTION	/	1
1- 1	560236-509	.BELLCRANK, RETRACTION	II/	1
1- 1	B68	..BEARING (TORRINGTON)		4
1- 2	AN4-24A	@BOLT	/1	1
1- 2	AN960-416	@WASHER		2
1- 2	914020-141	@BUSHING, RETRACT BELLCRANK		1
1- 2	AN365-428	@NUT		1
1- 2	MS20365-428	@NUT (ALT)		1
1- 3	AN4-24A	@BOLT		1
1- 3	AN960-416	@WASHER	/1	2
1- 3	914020-141	@BUSHING, RETRACT BELLCRANK		1
1- 3	AN365-428	@NUT		1
1- 2	MS20365-428	@NUT (ALT)		1
1- 3	AN960-416L	@WASHER	/1	AR
1- 4	340155	TUBULAR STRUCTURE (SEE 53-10-02)		REF
1- 5	560245-509	.BUNGEE ASSEMBLY, RETRACT, NOSE LANDING GEAR		2
1- 6	ARE-3-20	..BEARING, ROD END (SHERCO-SEAL MASTER BEARING)		1
1- 6	HMX-3A	..BEARING (HEIM) (ALT)		1
1- 7	AN315-4R	..NUT, ADJUSTING		1
1- 8	560245-011	.ROD		1
1- 9	560245-003	..TUBE ASSEMBLY		1
1- 10	916005-000	..SPRING		1
1- 11	560245-009	..COLLAR		1
1- 12	AN393-27	..@PIN, CLEVIS		1
1- 12	AN960-10	..@WASHER		1
1- 12	AN380-2-2	..@PIN, COTTER		1
1- 13	560245-023	..TUBE		1
1- 14	RP-A52-028-125-0750	..@PIN, ROLL		2
1- 15	914012-015	..BEARING		1
1- 16	RP-A52-028-125-0625	..@PIN, ROLL		2
1- 17	AN3-11A	@BOLT		2
1- 17	914008-003	@BUSHING, ECCENTRIC (2 @ EACH ATTACH POINT)		4
1- 17	AN960-10	@WASHER		6
1- 17	913025-000	@WASHER		4
1- 17	AN365-1032	@NUT		2
1- 17	MS20365-1032	@NUT (ALT)		2
1- 18	540017	TRUSS (SEE -32-20-00)		REF
1- 19	AN3-11A	@BOLT		1
1- 19	AN960-10	@WASHER		2
1- 19	AN365-1032	@NUT		1
1- 19	MS20365-1032	@NUT (ALT)		1
1- 20	AN3-12A	@BOLT		1
1- 20	AN960-10	@WASHER		6
1- 20	AN365-1032	@NUT		1
1- 20	MS20365-1032	@NUT (ALT)		1
1- 21	560239-003	.BRACKET		1
1- 21	150080-4009	PLACARD, GEAR DOWN (SEE 11-30-00)		REF
1- 21	201-120911-00-0101	.RIVET		2

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 22	560244-501	.TUBE ASSEMBLY, RETRACT (LONG)	/	2
1- 22	915053-501	.TUBE ASSEMBLY, RETRACT (LONG)	II/	2
1- 22	560244-001	..TUBE	/	1
1- 22	914009-009	..INSERT, AFT	/	1
1- 22	RP-A52-028-125-0625	..@PIN, ROLL	/	4
1- 22	915053-003	..TUBE ASSEMBLY	II/	1
1- 23	ARE-3-20	..BEARING, AFT	/	1
1- 23	AN316-4R	..@NUT	/	1
1- 23	HMX-3A	..BEARING, AFT	II/	1
1- 23	AN316-4R	..@NUT	II/	1
1- 24	F31-14MPB	..BEARING, FORWARD	/	1
1- 24	HMX-3A	..BEARING (ALT)	/	1
1- 24	MK44-14MPB	..BEARING, FORWARD	II/	1
1- 24	ASMK-3T	..BEARING, FORWARD (ALT)	II/	1
1- 24	NAS509-4	..@NUT	II/	1
1- 25	AN23-21A	..@BOLT, LH	/	1
1- 25	AN23-23A	..@BOLT, RH	/	1
1- 25	AN960-10	..@WASHER	/	4
1- 25	AN363-1032	..@NUT	/	2
1- 25	MS21045L3	..@NUT (ALT)	/	2
1- 25	AN24-21A	..@BOLT, LH	II/	1
1- 25	AN24-23A	..@BOLT, RH	II/	1
1- 25	AN960-416	..@WASHER	II/	4
1- 25	MS21045-L4	..@NUT	II/	2
1- 26	AN3-10A	..@BOLT		2
1- 26	AN960-10	..@WASHER		4
1- 26	AN365-1032	..@NUT		2
1- 26	MS20365-1032	..@NUT (ALT)		2
1- 27	950110-000	.LUG, LIMIT SWITCH		2
1- 28	AN3-5A	..@BOLT		2
1- 28	AN960-10	..@WASHER		2
1- 28	AN363-1032	..@NUT		2
1- 29	P6-24014	.SWITCH, DOWN LIMIT (OTTO)(ALL SPARES)		1
1- 29	560234-003	.BRACKET		1
1- 29	AN515-6R6	..@SCREW		2
1- 29	MS35206-228	..@SCREW (AKT)		2
1- 29	AN366F632	..@NUT PLATE		2
1- 29	MS21047-06	..@NUT, PLATE (ALT)		2
1- 30	DT-2R-A7	.SWITCH, UP LIMIT (MICRO)(SEE 940112-501 RETRO-FIT KIT)		1
1- 30	560249-035	.BRACKET		1
1- 31	MS35206-328	..@SCREW		2
1- 31	AN960-6L	..@WASHER		2
1- 31	AN363-632	..@NUT		2
1- 31	AN742-3	..@CLAMP (FOR EMERGENCY RETRACTION CABLE)		1
1- 32	340295	FLOORBOARD (SEE 53-20-01)		REF
1- 33	560243-503	BRACKET, LG ACTUATOR (SEE 32-30-01)		REF
1- 34	950142-000	.BLOCK, ACTUATOR	/2	1
1- 35	AN3-17A	..@BOLT		1
1- 35	AN960-10	..@WASHER		8
1- 35	AN365-1032	..@NUT		1
1- 35	MS35206-228	..@NUT (ALT)		1
1- 36	NAS624H-12	..@BOLT, SAFETY		1

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 36	AN995C32	.@SAFETY WIRE		AR
1- 37	560249-033	CABLE ASSEMBLY (SEE 32-30-01)		REF
1- 38	855S-O-U	.HOLDER, LIGHT BULB (SLOAN)		1
1- 38	330	..BULB (GE)		1
1- 39	560254	ACTUATOR, LANDING GEAR (SEE 32-30-01)		REF
1- 39	880037	ACTUATOR, LANDING GEAR (ALT) (SEE 32-30-01)		REF
1- 39	HMX-6G	.BEARING, ROD END		1
1- 39	AN316-7R	..NUT, CHECK		1
1- 40	AN6-14A	.@BOLT		1
1- 40	AN960-616	.@WASHER		5
1- 40	AN960-716L	.@WASHER	/3	1
1- 40	AN365-624	.@NUT		1
1- 40	MS20365-624	.@NUT (ALT)		1
1- 41	560251-501	.UP-STOP		1
1- 42	AN3-7A	.@BOLT		1
1- 42	AN960-10L	.@WASHER		1
1- 42	AN363-1032	.@NUT		1
1- 42	MS21045L3	.@NUT (ALT)		1
1- 42	MS21045-03	.@NUT (ALT)		1
1- 43	560024-007	BRACKET (SEE 57-10-02)		REF
1- 44	560202-501	.BELLCRANK ASSEMBLY, LH		1
1- 44	560202-502	.BELLCRANK ASSEMBLY, RH		1
1- 45	AN4-26A	.@BOLT		2
1- 45	AN960-416L	.@WASHER		4
1- 45	914020-016	.@BUSHING, BELLCRANK		2
1- 45	AN365-428	.@NUT		2
1- 45	MS20365-428	.@NUT (ALT)		2
1- 46	210000	MAIN SPAR (SEE 57-10-02)		REF
1- 47	915020-000	.TUBE ASSEMBLY, LH/RH, WING I/B		1
1- 47	915022-009	..TUBE ASSEMBLY		1
1- 47	F31-14MPB	..BEARING (HEIM)		2
1- 48	AN3-10A	.@BOLT (SEE 32-11-00)		2
1- 48	AN960-10	.@WASHER (SEE 32-11-00)		4
1- 48	AN365-1032	.@NUT (SEE 32-11-00)		2
1- 48	MS20365-1032	.@NUT (ALT)		2
1- 49	560269-501	.BELLCRANK ASSEMBLY, LH		1
1- 49	560269-502	.BELLCRANK ASSEMBLY, RH		1
1- 49	MS20392-2C9	..PIN (PRESS FIT)		1
1- 50	914005-000	.@BOLT		2
1- 50	AN960-10	.@WASHER		10
1- 50	AN365-1032	.@NUT		2
1- 51	560023	BRACKET (SEE 57-10-02)		REF
1- 52	560022	BRACKET (SEE 57-10-02)		REF
1- 53	560255-501	.TUBE ASSEMBLY, LH/RH, WING O/B		1
1- 54	915021-501	..TUBE ASSEMBLY		1
1- 54	F31-14MPB	...BEARING		1
1- 54	RP-A52-028-125-0687	...@PIN, ROLL		2
1- 55	560038-000	..COLLAR		1
1- 56	AN393-27	..@PIN, CLEVIS		1
1- 56	AN960-10	..@WASHER		1
1- 56	AN380-2-2	..@PIN, COTTER		1
1- 57	560040-001	..SHAFT		1

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 58	916005-000	..SPRING		1
1- 59	AN960-816	..@WASHER		5
1- 60	MD46-15MPB	..BEARING, ROD END		1
1- 61	AN316-10R	..@NUT		1
1- 61	560258-001	..@NUT		1
1- 61	AN316-6R	..@NUT		1
1- 62	AN3-7A	..@BOLT		2
1- 62	AN960-10	..@WASHER		2
1- 62	AN365-1032	..@NUT		2
1- 62	MS20365-1032	..@NUT		2
1- 63	560070-001	.BOOT ASSEMBLY, MAIN LANDING GEAR		2
1- 64	520024	TRUSS (SEE 32-10-00)	REF	
1- 65	560213-501	.BUMGEE ASSEMBLY		1
1- 65	560213-025	.TUBE		1
1- 65	916019-001	..SPRING		1
1- 66	560213-003	..HOUSING & FITTING ASSEMBLY		1
1- 67	560213-005	..CAP, END-GUIDE ASSEMBLY		1
1- 67	560213-035	..CAP, END-GUIDE ASSEMBLY (ALT)		1
1- 68	560213-001	.SHAFT ASSEMBLY		1
1- 69	F35-14M	..BEARING (HEIM)		1
1- 69	AN490HT11P	..ROD END		1
1- 69	AN316-5R	..NUT, CHECK		1
1- 70	AN4-H11A	..@BOLT		1
1- 70	AN960-416	..@WASHER		1
1- 70	560208-001	..@FITTING		1
1- 70	AN993-C41	..@SAFETY WIRE	AR	
1- 70	AN3-H14A	..@BOLT		1
1- 70	914020-004	..@BUSHING		1
1- 70	AN960-10	..@WASHER		1
1- 70	MS21045-3	..@NUT		1
1- 71	AN3-10A	..@BOLT		1
1- 71	AN960-10L	..@WASHER		1
1- 71	MS21045-3	..@NUT		1
1- -	940112-501	.SWITCH RETRO-FIT KIT, GEAR UP LIMIT (NI)		1

NOTES:

1. AN960-416 OR AN960-416L WASHER TO BE USED AS REQUIRED TO ATTAIN A MAXIMUM FINAL CLEARANCE OFF .005/.010 INCH.
2. .193/.200 DIA. THROUGH 950142-000 BLOCK TO MATCH 950099-001 BRACKET ON ASSEMBLY BLOCK MUST HAVE A MINIMUM OF .25 INCH EDGE DISTANCE FROM C/L OF HOLE TO EDGE OF BLOCK AND 560243-503.
3. AN960-716L WASHER TO BE INSTALLED ON EITHER SIDE OF BEARING NEXT TO BALL ONLY.

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY

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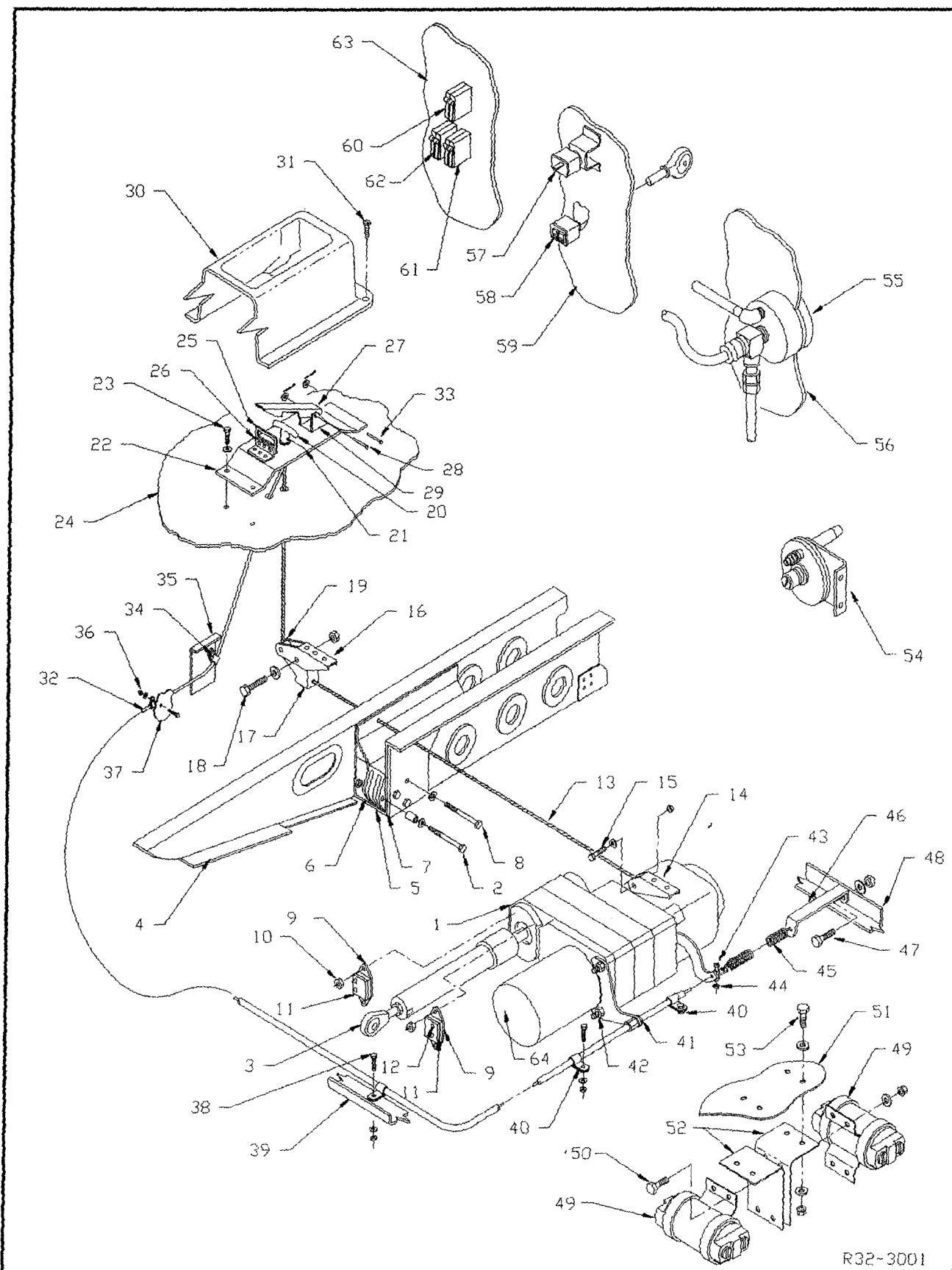


FIGURE 2 - EMERGENCY RETRACTION SYSTEM AND ACTUATOR INSTALLATION

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MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
32-30-01				
2- -	560260-501	RETRACTION SYSTEM, ELECTRIC (SEE 32-30-00)		REF
2- 1	560254-503	.ACTUATOR ASSEMBLY, LANDING GEAR (EATON)	/4	1
2- 1	880037-507	.ACTUATOR ASSEMBLY, LANDING GEAR (GEC [PLESSEY]) (ALT)		1
2- 2	AN4-16A	.@BOLT		1
2- 2	AN960-416	.@WASHER		2
2- 2	914020-081	.@BUSHING, ACTUATOR/BRACKET, LDG		2
2- 2	AN363-428	.@NUT		1
2- 2	MS221045L4	.@NUT (ALT)		1
2- 3	HMX-6G	..BEARING, ROD END, LDG ACTUATOR (HEIM)		1
2- 3	7/16 x 20 UNF	..NUT, LOCK		1
2- 4	560243-503	.BRACKET ASSEMBLY, ACTUATOR (HAT SECT)(SEE 53-20-01)	/	REF
2- 4	560271-501	.SUPPORT ASSEMBLY, ACTUATOR (SEE 53-20-01)	//	REF
2- 4	560243-011	..BRACKET	//	1
2- 4	560271-003	..BRACKET ASSEMBLY	//	1
2- 4	560243-009	..STIFFENER, FORWARD		1
2- 4	950093-000	..DOUBLER, AFT	/	1
2- 4	560271-009	..DOUBLER, AFT	//	1
2- 4	560243-005	..DOUBLER, SIDE	/	1
2- 4	560271-007	..DOUBLER, SIDE	//	1
2- 4	560243-003	..CHANNEL, INSIDE	/	1
2- 4	560271-005	..CHANNEL, INSIDE	//	1
2- 4	NAS1368-6B	..GROMMET	/	2
2- 4	NAS1368-10A	..GROMMET	//	1
2- 4	NAS1368-10B	..GROMMET	//	1
2- 5	950092-001	..LUG, GEAR ACTUATOR ATTACH		1
2- 6	560243-007	..BLOCK, SPACER		1
2- 7	AN3-24A	@BOLT		2
2- 7	914044-050	..BUSHING		2
2- 7	AN960-10L	.@WASHER		4
2- 7	MS21045L3	.@NUT		2
2- 8	AN3-25A	@BOLT		1
2- 8	914044-050	..BUSHING		1
2- 8	AN960-10	.@WASHER		2
2- 8	MS21045L3	.@NUT		1
2- 9	560252-009	DOWN STOP (USE EXISTING ACTUATOR HARDWARE FOR DOWN STOP)	/1	2
2- 10	-	@NUT (SUPPLIED W/ACTUATOR)	/1	4
2- 11	560252-011	SHIM	/1	AR
2- 12	AN515-6R4	@SCREW (OR MS35206-226)	/1,2	4
2- 12	AN515-6R5	@SCREW (OR MS35206-227) (ALT)	/1,2	AR
2- 12	AN515-6R6	@SCREW (OR MS35206-228) (ALT)	/1,2	AR
2- 12	AN515-6R7	@SCREW (OR MS35206-229) (ALT)	/1,2	AR
2- 12	AN939A6	@WASHER, LOCK	/3	4
2- 13	10248-1	..CABLE/DRUM ASSEMBLY (NI)	/3	REF
2- 13	102057-1	.CABLE, EMERGENCY EXTENSION (SUPPLIED WITH ACTUATOR)	/3	REF
2- 14	560249-041	.BRACKET, IDLER (SEE 53-20-01)		REF
2- 15	914020-004	.BUSHING, EMERGENCY CABLE		1
2- 15	914020-159	.BUSHING, EMERGENCY CABLE		1
2- 15	AN393-33	.PIN, CLEVIS		1
2- 15	AN380-2-2	.@PIN, COTTER		1
2- 15	AN960-10L	.@WASHER		1
2- 16	560249-015	.BRACKET (SEE 53-20-01)		REF

MOONEY AIRCRAFT CORPORATION
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SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
2- 16	NAS1368-6A	.GROMMET (IN FLOORBOARD)		1
2- 16	AN219-A1	.PULLEY		1
2- 17	560249-031	.CLIP		1
2- 18	AN4-7A	.@BOLT		1
2- 18	AN960-416L	.@WASHER		1
2- 18	AN363-428	.@NUT		1
2- 18	MS21045L4	.@NUT (ALT)		1
2- 18	MS21045-04	.@NUT (ALT)		1
2- 19	914020-001	.@BUSHING, EMERGENCY CABLE		1
2- 19	AN3-7A	.@BOLT		1
2- 19	AN960-10L	.@WASHER		1
2- 19	AN363-1032	.@NUT		1
2- 19	MS21045L3	.@NUT (ALT)		1
2- 19	MS21045-03	.@NUT (ALT)		1
2- 20	560249-025	.HANDLE, T, EMERGENCY CABLE		1
2- 21	M-71-1032-250	.SCREW, SET, T-HANDLE		1
2- 22	560249-005	.SUPPORT		1
2- 23	MS35206-244	.@SCREW		6
2- 23	AN960-8	.@WASHER		6
2- 23	AN362F832	.@NUT PLATE		6
2- 24	340295	FLOORBOARD (SEE 53-20-01)		REF
2- 25	560249-009	.LATCH		1
2- 26	560249-007	.SPRING		1
2- 27	560249-001	.LEVER		1
2- 28	AN393-37	.@PIN, CLEVIS		1
2- 28	MS20392-2C37	.@PIN (ALT)		1
2- 28	914022-021	.BUSHING		2
2- 28	AN960-10L	.@WASHER		1
2- 28	AN380-2-2	.@PIN, COTTER		1
2- 28	MS24665-151	.@PIN, COTTER (ALT)		1
2- 29	560249-003	.BRACKET		1
2- 29	MS35206-245	.@SCREW		2
2- 29	AN960-8	.@WASHER		4
2- 29	AN363-832	.@NUT		2
2- 29	MS21045L08	.@NUT (ALT)		2
2- 29	MS21045-06	.@NUT (ALT)		2
2- 30	560250-001	.ESCUTCHEON		1
2- 31	4 x 3/8	.@SCREW, PARKER KAYLON		6
2- 32	560249-033	.CABLE ASSEMBLY, ACTUATOR DISENGAGE		1
2- 32	560249-017	.CABLE		1
2- 32	18-1-C	.SLEEVE		1
2- 32	560249-019	.HOUSING		1
2- 33	AN392-25	.@PIN, CLEVIS		1
2- 33	MS20392-1C25	.@PIN, CLEVIS (ALT)		1
2- 33	AN380-2-2	.@PIN, COTTER		1
2- 33	MS24665-151	.@PIN, COTTER (ALT)		1
2- 33	AN960-4L	.@WASHER		1
2- 34	MS35206-328	.@SCREW		1
2- 34	AN742-3	.@CLAMP		1
2- 34	AN960-6L	.@WASHER		1
2- 34	AN363-632	.@NUT		1
2- 34	MS21045L06	.@NUT (ALT)		1
2- 34	MS21045-06	.@NUT (ALT)		1

MOONEY AIRCRAFT CORPORATION
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SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
2- 35	650249-035	.BRACKET ASSEMBLY, UP LIMIT SWITCH		1
2- 36	AN3-3A	.@BOLT		1
2- 36	AN742-3	.@CLAMP		1
2- 36	AN960-10L	.@WASHER		1
2- 36	AN363-1032	.@NUT		1
2- 36	MS21045L3	.@NUT (ALT)		1
2- 36	MS21045-03	.@NUT (ALT)		1
2- 37	740052	BRACKET, TRIM INDICATOR (SEE 27-40-00)	REF	
2- 38	AN3-3A	.@BOLT		1
2- 38	AN742-3	.@CLAMP		1
2- 38	AN960-10L	.@WASHER		1
2- 38	AN363-1032	.@NUT		1
2- 38	MS21045L3	.@NUT (ALT)		1
2- 38	MS21045-03	.@NUT (ALT)		1
2- 39	340295	SUPPORT FLOORBOARD (SEE 53-20-01)	REF	
2- 40	AN3-3A	.@BOLT		2
2- 40	AN742-3	.@CLAMP		2
2- 40	AN960-10L	.@WASHER		2
2- 40	AN363-1032	.@NUT		2
2- 40	MS21045L3	.@NUT (ALT)		2
2- 40	MS21045-03	.@NUT (ALT)		2
2- 40	141	.@NUT, ARENS		4
2- 41	560249-023	.BRACKET, DISENGAGE		1
2- 42	AN363-1032	.@NUT		2
2- 43	D222	.STOP, WIRE		1
2- 43	AN515-8R8	.@SCREW		1
2- 43	AN340-832	.@NUT		1
2- 43	MS35649-282	.@NUT (ALT)		1
2- 44	AN393-13	.@PIN, CLEVIS		1
2- 45	916009-000	.SPRING		1
2- 46	800039-003	.STRAP		1
2- 47	AN3-3A	.@BOLT		1
2- 47	AN960-10	.@WASHER		1
2- 47	AN363-1032	.@NUT		1
2- 47	MS20365-1032	.@NUT (ALT)		1
2- 48	340295	SUPPORT FLOORBOARD (SEE 53-20-01)	REF	
2- 49	26.72.03	.RELAY, GEAR UP/DOWN (KISSLING)	/5	22
2- 50	AN3-5A	.@BOLT		4
2- 50	AN960-10	.@WASHER		4
2- 50	AN363-1032	.@NUT		4
2- 50	MS21045L3	.@NUT (ALT)		4
2- 50	MS21045-03	.@NUT (ALT)		4
2- 51	340295	FLOORBOARD (SEE 53-20-01)	REF	
2- 52	800375-001	.BRACKET		2
2- 53	AN3-5A	.@BOLT		4
2- 53	AN960-10	.@WASHER		8
2- 53	MS21042-3	.@NUT		4
2- 54	880013-507	SWITCH, AIRSPEED SAFETY		1
2- 55	820308	INDICATOR, AIRSPEED (SEE 39-10-00)	REF	
2- 56	820131	INSTRUMENT PANEL (SEE 53-10-04)	REF	
2- 57	SB1DDX492-2	.SWITCH, GEAR OVERRIDE (CUTLER HAMMER)		1
2- 57	29-761	.@RING, LOCKING		1
2- 57	16-886	.@WASHER, LOCK		1

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SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
2- 57	15-966-6	.@NUT, HEX		2
2- 57	388	.LAMP, LDG OVERRIDE, 28V (GE)		1
2- 57	820310	BRACKET (SEE 53-10-04)		REF
2- 57	800232-501	BRACKET, MOUNTING		1
2- 58	8906K2875	.SWITCH, GEAR CONTROL		1
2- 58	53-2004	..KNOB		1
2- 59	820131	INSTRUMENT PANEL (SEE 53-10-04)		REF
2- 60	7277-2-15	.CIRCUIT BREAKER, GEAR ACTUATOR (KLIXON)		1
2- 61	7277-2-5	.CIRCUIT BREAKER, GEAR CONTROL (KLIXON)		1
2- 62	7277-2-2	.CIRCUIT BREAKER, GEAR WARNING (KLIXON)		1
2- 63	820327	CIRCUIT BREAKER PANEL (SEE 53-10-04)		REF
2- 64	C145-250F	MOTOR ASSEMBLY (24V)	/3	REF
2- -	102011-1	CLUTCH (NI) (SEE SI M20-52)	/3	REF

EFFECTIVITIES

- I 29-0001 THRU 29-TBA
 II 29-TBD = TO BE DETERMINED AT LATER DATE

NOTES

1. USED WITH AVIONICS PRODUCTS ACTUATOR ONLY. REFER TO M20R SERVICE AND MAINTENANCE MANUAL, CHAPTER 32, FOR RIGGING & USE OF VARIOUS SHIMS.
2. USE NEXT LONGER SCREWS AS EACH -011 SHIM IS ADDED.
3. ONLY AVIONICS PRODUCTS ACTUATOR USE THESE COMPONENTS. SEE M20R S & M MANUAL CHAPTER 32, FOR REPLACEMENT PROCEDURES
4. 560254-505 ACTUATOR ASSY MAY BE USED AS AN ALTERNATE FOR 560254-503 BY ROUTING CABLE THRU APPROPRIATE EXIT SLOT. 560254-9505 IS CURRENTLY BEING SUPPLIED AS SPARES REPLACEMENT; (NEW CABLE ROUTING CHANGED BACK TO OLD CONFIGURATION)
5. REFER TO ELECTRICAL SCHEMATIC FOR WIRE CONNECTIONS.

MOONEY AIRCRAFT CORPORATION
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SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY

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**MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG**

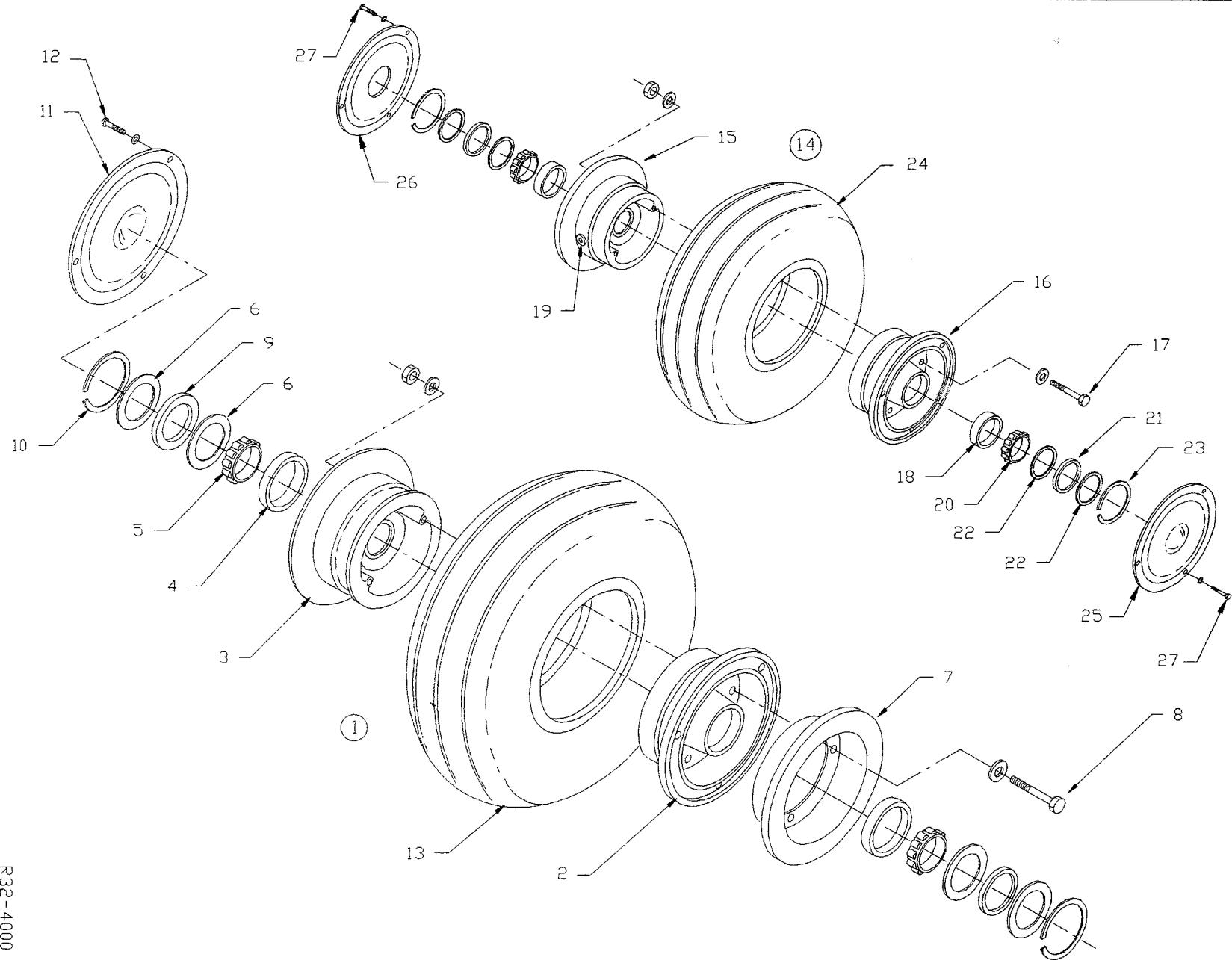


FIGURE 1 - WHEEL AND TIRE ASSEMBLY

R32-4000

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
32-40-00				
1- 1	40-90A	WHEEL ASSEMBLY, MLG, LH/RH (PARKER-HANNIFIN)(SEE FIG 32-10-00)	REF	
1- 2	161-47	.WHEEL, INNER HALF (DISC SIDE)	1	
1- 2	151-45	..WHEEL, INNER HALF	1	
1- 2	13836	..CUP, BEARING (TIMKEN OR KOYO)	1	
1- 3	162-45	.WHEEL, OUTER HALF	1	
1- 3	152-44	..WHEEL, OUTER HALF	1	
1- 3	13836	..CUP, BEARING (TIMKEN OR KOYO)	1	
1- 4	-	NOT USED		
1- 5	-	NOT USED		
1- 6	3022	..RING, GREASE SEAL (DISC SIDE)	2	
1- 6	39070	..RING, GREASE SEAL	1	
1- 6	153-15	..RING, GREASE SEAL	1	
1- 7	164-23	.DISC, BRAKE, CHROME	1	
1- 8	AN5-36A	.@BOLT	3	
1- 8	AN960-516	.@WASHER	9	
1- 8	AN365-524	.@NUT	3	
1- 9	3021	.SEAL, GREASE FELT (DISC SIDE)	1	
1- 9	154-13	.SEAL, GREASE, FELT	1	
1- 10	3023	@RING, SNAP	1	
1- 11	520027-501	.WHEEL COVER (SEE 32-10-00)	REF	
1- 12	MS36206-241	@SCREW SEE 32-10-00)	REF	
1- 12	AN936-A8	@WASHER (SEE 32-10-00)	REF	
1- 13	6.00 X 6	.TIRE, TYPE III, 6 PLY, MAIN L/G	/1	1
1- 13	6.00 X 6	.TUBE, (NI)	1	
1- 14	40-87	WHEEL ASSY, NOSE LDG GEAR (PARKER-HANNIFIN) (SEE FIG 32-20-00)	REF	
1- 15	162-02800	.WHEEL ASSEMBLY, OUTER HALF (P. H.)	1	
1- 16	161-03100	.WHEEL ASSEMBLY, INNER HALF (P. H.)	1	
1- 17	103-105	@BOLT	3	
1- 17	95-104	@WASHER	3	
1- 17	95-102	@WASHER	3	
1- 17	94-103	@NUT	3	
1- 18	214-3	..CUP, BEARING	2	
1- 19	217-1	..GROMMET (OUTER HALF)	1	
1- 20	214-4	..CONE BEARING	2	
1- 21	154-1	..SEAL, GREASE, FELT	2	
1- 22	153-1	..RING, GREASE SEAL	4	
1- 23	155-2	@RING, SNAP	2	
1- 24	5.00 X 5	.TIRE, TYPE III, 6 PLY, NOSE L/G	/1	1
1- 24	5.00 X 5	.TUBE,(NI)	1	
1- 25	540022-001	.COVER, DUST (SIDE W/AIR VALVE)	1	
1- 26	540022-003	.COVER, DUST	1	
1- 27	AN526-832R5	@SCREW (3 PER COVER)	6	
1- 27	AN936-A8	@WASHER (3 PER COVER)	6	

NOTES:

1. REFER TO SERVICE AND MAINTENANCE MANUAL FOR RECOMMENDED ACTION WHEN REPLACING ANY TIRE.

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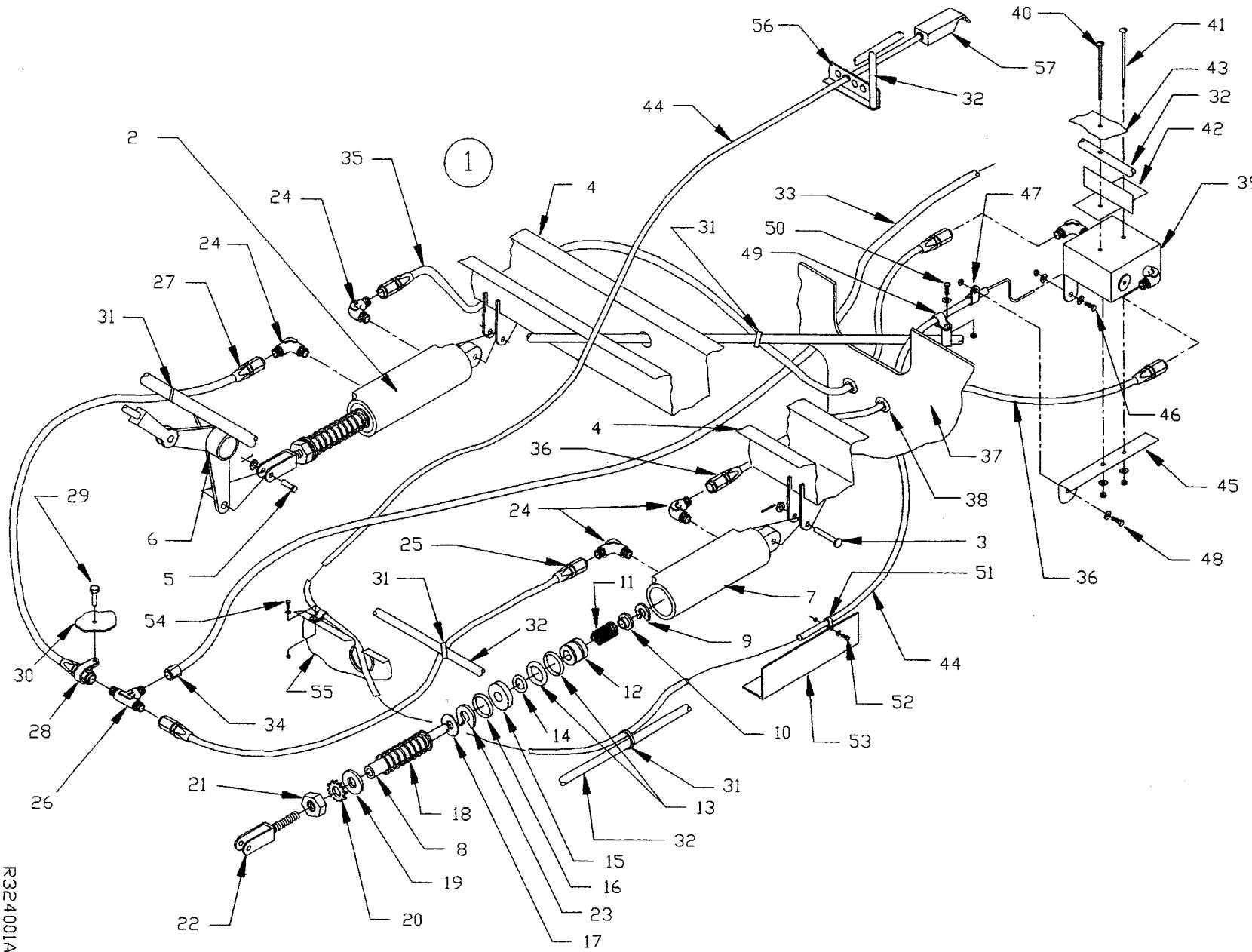
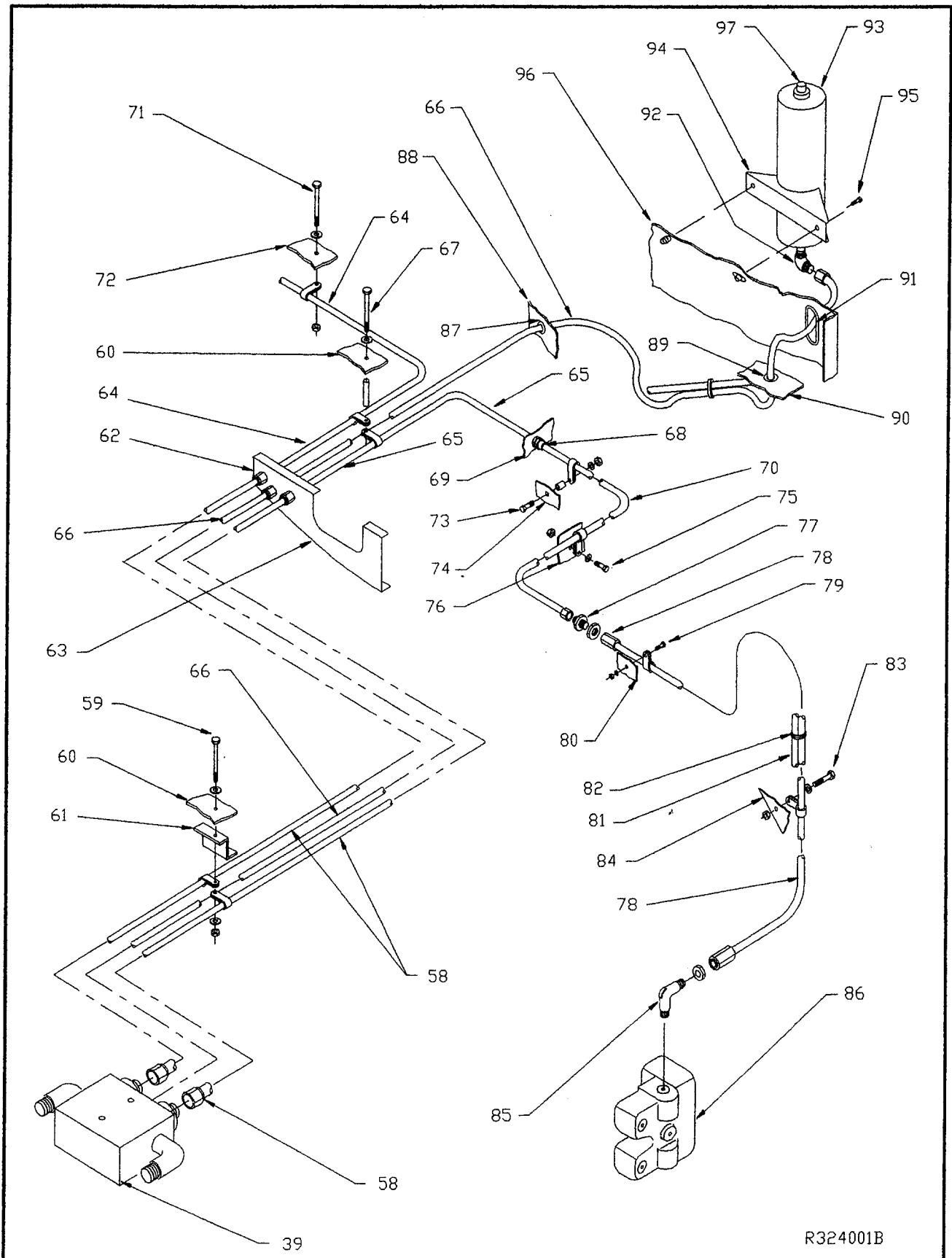


FIGURE 2 - HYDRAULIC BRAKE SYSTEM (SHEET 1 of 2)

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R324001B

FIGURE 2 - HYDRAULIC BRAKE SYSTEM (SHEET 2 of 2)

32-40-01

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M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
32-40-01				
2- 1	850109-521	BRAKE SYSTEM INSTALLATION. HYDRAULIC, FWD (SEE 00-00-00)	REF	
2- 2	10-24D	.MASTER CYLINDER (PARKER HANNIFIN)	2	
2- 3	AN393-21	.@PIN	2	
2- 3	AN960-10L	.@WASHER	2	
2- 3	AN380-2-2	.@PIN, COTTER	2	
2- 4	340049	SUPPORT, BRAKE CYLINDER (SEE 53-10-01)	REF	
2- 5	AN393-11	.@PIN	2	
2- 5	AN960-10L	.@WASHER	2	
2- 5	AN380-2-2	.@PIN, COTTER	2	
2- 6	720117	CRANK ASSEMBLY, BRAKE PEDAL (SEE 27-20-00)	REF	
2- 7	144-037A	..HOUSING, CYLINDER	1	
2- 7	166-16	..NAME PLATE	1	
2- 8	182-20	..PISTON ROD ASSEMBLY	1	
2- 8	142-37	...PISTON ROD	1	
2- 9	155-48	...SNAP RING (T5304-15)	1	
2- 10	145-58	...BUSHING	1	
2- 11	082-21	...SPRING	1	
2- 12	148-23	...PISTON	1	
2- 13	101-11	...O'RING (MS28775-113)	2	
2- 14	101-1	...O'RING (MS28775-006)	1	
2- 15	141-12	...CAP, END	1	
2- 16	101-7	...O'RING (MS28775-012)	1	
2- 17	095-13	...WASHER-WIPER	1	
2- 18	082-52	...SPRING	1	
2- 19	095-101	...WASHER (AN960-616L)	1	
2- 20	095-156	...WASHER, STAR (AN936-A416)	1	
2- 21	094-30	...NUT, JAM (AN316-4)	1	
2- 22	143-9	...CLEVIS	1	
2- 23	155-12	..SNAP RING	1	
2- 24	MS20822-3D	.ELBOW	4	
2- 25	850109-077	.HOSE ASSEMBLY	1	
2- 26	AN825-3D	.TEE FITTING	1	
2- 27	850109-063	.HOSE ASSEMBLY	1	
2- 28	MS21919DG7	@CLAMP	1	
2- 29	AN3-4A	@BOLT	1	
2- 29	AN960-10	@WASHER	1	
2- 29	AN363-1032	@NUT	1	
2- 30	340295	FLOORBOARD (SEE 53-20-01)	REF	
2- 31	TYB-23M	@TY-RAP	8	
2- 32	340155	TUBULAR STRUCTURE (SEE 53-10-01)	REF	
2- 33	850109-095	.TUBE	1	
2- 34	B400-7-2	.FITTING, FEMALE CONN (CRAWFORD)	1	
2- 34	266-P-04X02	.FITTING, FEMALE CONN (IMP. EASTMAN) (ALT)	1	
2- 35	850109-059	.HOSE ASSEMBLY	1	
2- 36	850109-075	.HOSE ASSEMBLY	1	
2- 37	310342	BULKHEAD (SEE 53-10-00)	REF	
2- 38	2089	.BUSHING	2	
2- 39	880040-501	.VALVE, PARKING BRAKE (P-H)	1	
2- 39	880040-503	.VALVE, PARKING BRAKE (ALT)(AIRIGHT)	1	
2- 40	AN3-24A	@BOLT, CLEVIS	1	
2- 40	AN960-10	@WASHER	1	
2- 40	AN363-1032	@NUT	1	

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SECTION	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
FIG-ITEM				
2- 41	AN3-10A	.@BOLT		1
2- 41	AN960-10	.@WASHER		1
2- 41	AN363-1032	.@NUT		1
2- 42	850110-501	.BRACKET		1
2- 43	340295	FLOORBOARD ASSEMBLY (SEE 53-20-01)		REF
2- 44	640257-025	.CONTROL CABLE, PARKING BRAKE		1
2- 45	850109-089	.BRACKET		1
2- 46	AN3-3A	.@BOLT		1
2- 46	AN960-10L	.@WASHER		1
2- 46	AN364-1032	.@NUT		1
2- 47	AN742-3	.CLAMP		1
2- 48	AN3-3	.@BOLT		1
2- 48	AN960-10L	.@WASHER		1
2- 48	AN363-1032	.@NUT		1
2- 49	MS21919DG3	@CLAMP		1
2- 49	MS21919DG10	@CLAMP		1
2- 50	AN3-5A	.@BOLT		1
2- 50	AN960	.@WASHER		1
2- 50	AN363-1032	.@NUT		1
2- 51	MS21919DG3	@CLAMP		1
2- 52	AN3-3A	.@BOLT		1
2- 52	AN960-10L	.@WASHER		1
2- 52	AN363-1032	.@NUT		1
2- 53	310330	STRINGER,FUSELAGE (SEE 53-10-00)		REF
2- 54	MS21333-2	.@CLAMP		1
2- 54	AN3-3A	.@BOLT		1
2- 54	AN960-10L	.@WASHER		1
2- 54	AN363-1032	.@NUT		1
2- 55	340131	FAIRING (SEE 53-20-01)		REF
2- 56	340155-337	BRACKET, CONTROL SUPPORT (SEE 53-10-02)		REF
2- 57	340297-509	PULL ASSEMBLY, PARK BRAKE (SEE 53-20-02)		REF
2- 57	AN315-3R	.@NUT, JAM		1
2- 57	AN316-6R	.@NUT, JAM		1
2- 58	850109-079	.TUBE		2
2- 59	AN3-14A	.@BOLT		1
2- 59	AN960-10	.@WASHER		1
2- 59	AN363-1032	.@NUT		1
2- 59	MS21919DG3	@CLAMP		2
2- 59	914042-503	@BUSHING		1
2- 60	340295	FLOORBOARD ASSEMBLY (SEE 53-20-01)		REF
2- 61	950102	SUPPORT (SEE 53-20-01)		REF
2- 62	AN832-3D	.UNION		2
2- 62	AN924-3D	.NUT		2
2- 63	310324-501	FORMER (SEE 53-30-00)		REF
2- 64	850109-083	.TUBE		1
2- 65	850109-085	.TUBE		1
2- 66	850109-019	.TUBE		1
2- 67	AN3-14A	.@BOLT		1
2- 67	AN960-10	.@WASHER		1
2- 67	AN363-1032	.@NUT		1
2- 67	MS21919DG3	@CLAMP		2
2- 67	914042-503	@BUSHING		1

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
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**NOTE: DUPLICATION OF QTYS. LH/RH BRAKE INSTALLATION BEGIN AT THIS POINT:
ONLY LH INSTALLATION IS ILLUSTRATED.**

2- 68	AN924-3D	.NUT		2
2- 68	AN960PD616	.WASHER		4
2- 68	AN832-3D	.UNION		2
2- 69	210022	RIB ASSY (W.S. 21.125)(SEE FIG 3)		REF
2- 70	850109-081	.TUBE		1
2- 71	MS35207-261	@SCREW		2
2- 71	AN960-10L	@WASHER		2
2- 71	AN363-1032	@NUT		2
2- 71	MS21919DG3	@CLAMP		2
2- 72	210073	PANEL BOTTOM (SEE 57-10-00)		REF
2- 73	MS35207-269	@SCREW		2
2- 73	AN960-10	@WASHER		4
2- 73	914024-005	@BUSHING		2
2- 73	MS21919DG3	@CLAMP		2
2- 73	AN363-1032	@NUT		2
2- 74	210411	SKIN (SEE 57-30-00)		REF
2- 75	MS35207-263	@SCREW		2
2- 75	AN960-10	@WASHER		2
2- 75	AN363-1032	@NUT		2
2- 75	MS21919DG3	@CLAMP		2
2- 76	210120	RIB (W.S. 43.5)(SEE 57-10-00)		REF
2- 77	AN815-4D	.UNION		2
2- 78	859109-087	.HOSE		2
2- 79	MS35207-263	@SCREW		2
2- 79	MS21919DG3	@CLAMP		2
2- 79	AN960-10	@WASHER		2
2- 79	AN363-1032	@NUT		2
2- 80	220000-027	STRINGER, WING (SEE 57-10-00)		REF
2- 81	520023	MAIN GEAR LEG TRUSS (SEE 32-10-00)		REF
2- 82	2802	.WRAPLOCK		4
2- 83	AN3-22A	@BOLT		2
2- 83	MS21919DG8	@CLAMP		2
2- 83	AN960-10	@WASHER		2
2- 83	AN363-1032	@NUT		2
2- 84	520002	MAIN GEAR SPINDLE (SEE 32-10-00)		REF
2- 85	AN816-3D	.FITTING, UNION (SEE 32-10-00)		REF
2- 85	MS20823-3D	FITTING, ELBOW (SEE 32-10-00)		REF
2- 86	30-65	BRAKE ASSEMBLY (SEE 32-10-00)(DUAL PUCK)		REF

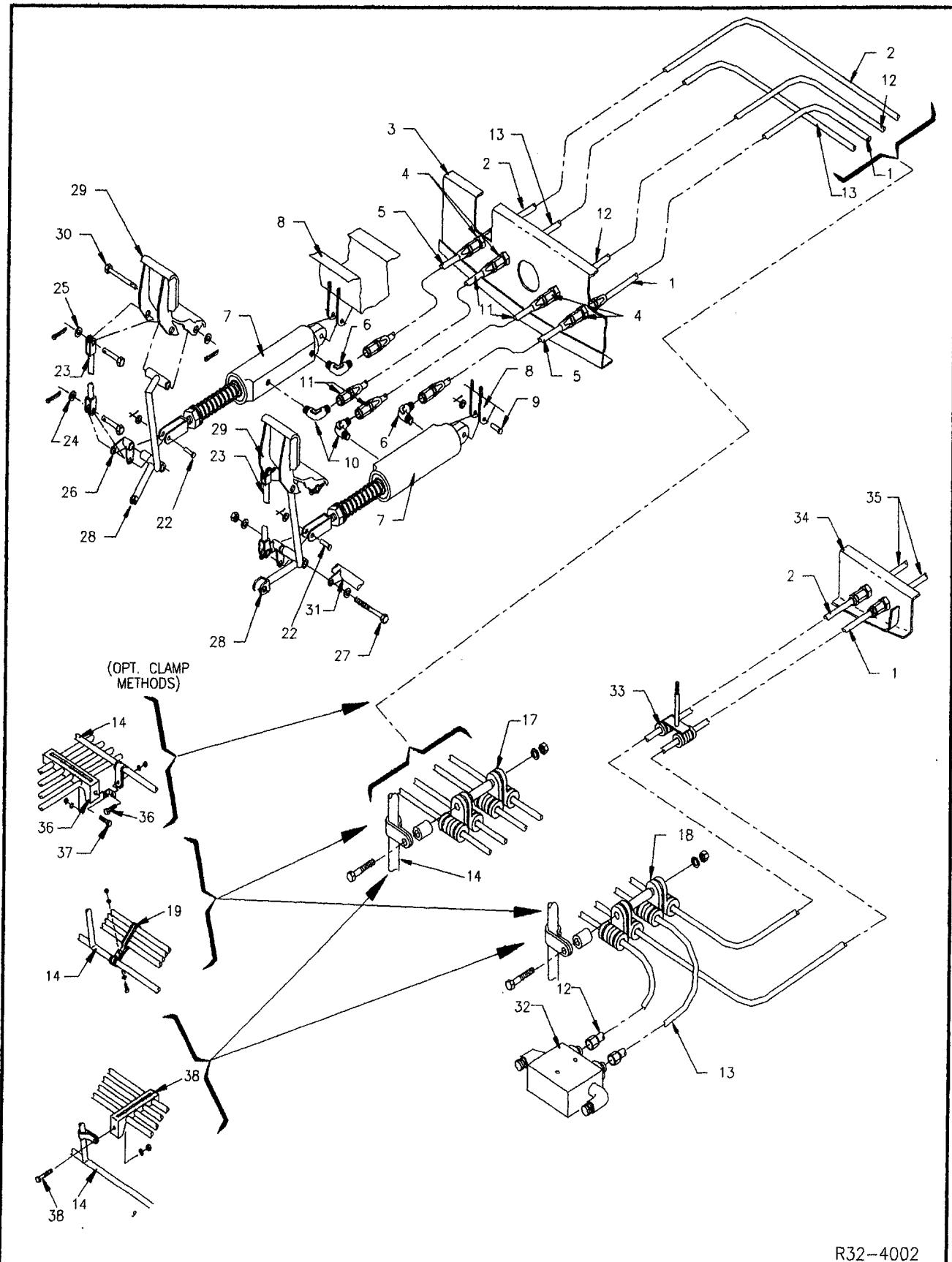
NOTE: LH/RH INSTALLATION DUPLICATION STOPS AT THIS POINT.

2- 87	AN931-4-7	.GROMMET	1
2- 88	310346	FORMER (SEE 53-30-00)	REF
2- 89	AN931-4-7	.GROMMET	1
2- 90	350026	FLOOR, BAGGAGE COMPARTMENT (SEE 53-10-03)	REF
2- 91	G-51HA	.CATERPILLAR GROMMET	1
2- 92	269P x 1/4 x 1/8	.ELBOW	1
2- 93	850002-503	.RESERVOIR ASSEMBLY, HYD, BRAKE FLUID	1
2- 94	850003-501	..BRACKET	1

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
2- 95	MS35207-263	.@SCREW		2
2- 95	AN960-10L	.@WASHER		2
2- 96	350162	BULKHEAD ASSEMBLY (SEE 53-10-03)		REF
2- 97	850009-000	.PLUG, FILLER		1

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG



R32-4002

FIGURE 3 - DUAL BRAKE INSTALLATION

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
32-40-02				
3- -	950270-511	DUAL BRAKE INSTALLATION (SEE 95-00-00)		REF
3- 1	950270-505	.TUBE ASSEMBLY		1
3- 1	950270-003	..TUBE		1
3- 1	AN819-3D	..SLEEVE		2
3- 1	AN818-3D	..NUT		2
3- 2	950270-509	.TUBE ASSEMBLY		1
3- 2	950270-007	..TUBE		1
3- 2	AN819-3D	..SLEEVE		2
3- 2	AN818-3D	..NUT		2
3- 3	310342-507	BULKHEAD (STA 19.12) (SEE 53-10-00)		REF
3- 4	AN832-3D	.UNION, BULKHEAD		4
3- 4	AN960PD616	.WASHER		4
3- 4	AN924-3D	.NUT		4
3- 5	950270-009	.HOSE		2
3- 6	AN822-3D	.FITTING, ELBOW		2
3- 7	10-24D	.MASTER CYLINDER	/1	2
3- 8	340049	BLOCK (SEE 53-10-01)		REF
3- 9	AN393-25	.@PIN		2
3- 9	AN960-10L	.@WASHER		2
3- 9	AN380-2-2	.@PIN, COTTER		2
3- 10	AN822-3D	.FITTING, ELBOW		2
3- 11	950239-031	.HOSE		2
3- 12	950270-503	.TUBE ASSEMBLY		1
3- 12	950270-001	..TUBE		1
3- 12	AN819-3D	..SLEEVE		2
3- 12	AN818-3D	..NUT		2
3- 13	950270-507	.TUBE ASSEMBLY		1
3- 13	950270-005	..TUBE		1
3- 13	AN819-3D	..SLEEVE		2
3- 13	AN818-3D	..NUT		2
3- 14	340155-233	TRUSS ASSEMBLY, LOWER (SEE 53-10-02)		REF
3- 15	MS21919DG8	.@CLAMP		2
3- 16		NOT USED		
3- 17	AN3-17A	.@BOLT		1
3- 17	MS21919DG3	.@CLAMP		4
3- 17	914024-003	.@BUSHING		1
3- 17	914025-003	.@BUSHING		1
3- 17	AN960-10L	.@WASHER		2
3- 17	AN363-1032	.@NUT		1
3- 18	AN3-17A	.@BOLT		1
3- 18	MS21919DG3	.@CLAMP		4
3- 18	914024-003	.@BUSHING		1
3- 18	914025-003	.@BUSHING		1
3- 18	AN960-10L	.@WASHER		2
3- 18	AN363-1032	.@NUT		1
3- 19	MS21919DG10	.@CLAMP, OPT		2
3- 19	NAS1714D4-4NW	.@CLAMP (OPT)		2
3- 19	914019-001	.@SPACER (OPT)		2
3- 19	MS35206-249	.@SCREW (OPT)		2
3- 19	AN960-8L	.@WASHER (OPT)		4

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
3- 19	AN363-832	@NUT (OPT)		2
3- 20	AN3-5A	@BOLT (OPT)		1
3- 20	MS21919DG8	@CLAMP (OPT)		1
3- 20	AN960-10L	@WASHER (OPT)		1
3- 20	PP2S-S10-X	STANDOFF (PANDUIT) (OPT)		1
3- 20	AN363-1032	@NUT (OPT)		1
3- 21	-	NOT USED		
3- 22	AN393-11	@PIN		2
3- 22	AN960-10L	@WASHER		2
3- 22	AN380-2-2	@PIN, COTTER		2
3- 23	915025-000	.ROD		2
3- 24	AN393-11	@PIN		2
3- 24	AN960-10L	@WASHER		2
3- 24	AN380-2-2	@PIN, COTTER		2
3- 25	AN393-13	@PIN		2
3- 25	AN960-10L	@WASHER		2
3- 25	AN380-2-2	@PIN, COTTER		2
3- 26	720117-504	BELLCRANK, BRAKE		2
3- 27	AN3-7A	@BOLT		2
3- 27	AN960-10	@WASHER		2
3- 27	AN363-1032	@NUT		2
3- 28	950022-001	.ARM, LH		1
3- 28	950022-002	.ARM, RH		1
3- 29	720017-007	.PEDAL		2
3- 30	AN393-61	@PIN		2
3- 30	AN960-10L	@WASHER		2
3- 30	AN380-2-2	@PIN, COTTER		2
3- 31	340155	TUBULAR STRUCTURE (SEE 53-10-02)		REF
3- 32	A-850-16	VALVE, PARKING BRAKE (SEE 32-40-01)		REF
3- 33	MS21919DG4	CLAMP (SEE 32-40-01)		REF
3- 34	310324	BULKHEAD ASSEMBLY (SEE 53-30-00)		REF
3- 35	850109	TUBE (SEE 32-40-01)		REF
3- 36	AN3-5A	@BOLT (OPT)		1
3- 36	MS21919DG8	@CLAMP (OPT)		1
3- 36	AN960-10L	@WASHER (OPT)		1
3- 36	PP2S-S10X	STANDOFF (OPT) (PANDUIT)		1
3- 36	AN363-1032	@NUT (OPT) (PANDUIT)		1
3- 37	AN3-4A	@BOLT (OPT)		1
3- 37	MS21919DG8	@CLAMP (OPT)		1
3- 37	AN960-10L	@WASHER (OPT)		1
3- 37	AN743-12	@ANGLE (OPT)		1
3- 37	AN363-1032	@NUT (OPT) (PANDUIT)		1
3- 38	AN3-5A	@BOLT (OPT)		1
3- 38	MS21919DG8	@CLAMP (OPT)		1
3- 38	AN960-10L	@WASHER (OPT)		1
3- 38	PP2S-S10X	STANDOFF (OPT) (PANDUIT)		1
3- 38	AN363-1032	@NUT (OPT) (PANDUIT)		1

NOTES:

1. SEE 32-40-01 FOR BREAKDOWN AND PARTS REFERENCE IN 10-24D MASTER CYLINDER ASSEMBLIES.

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
FIG-ITEM				

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MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

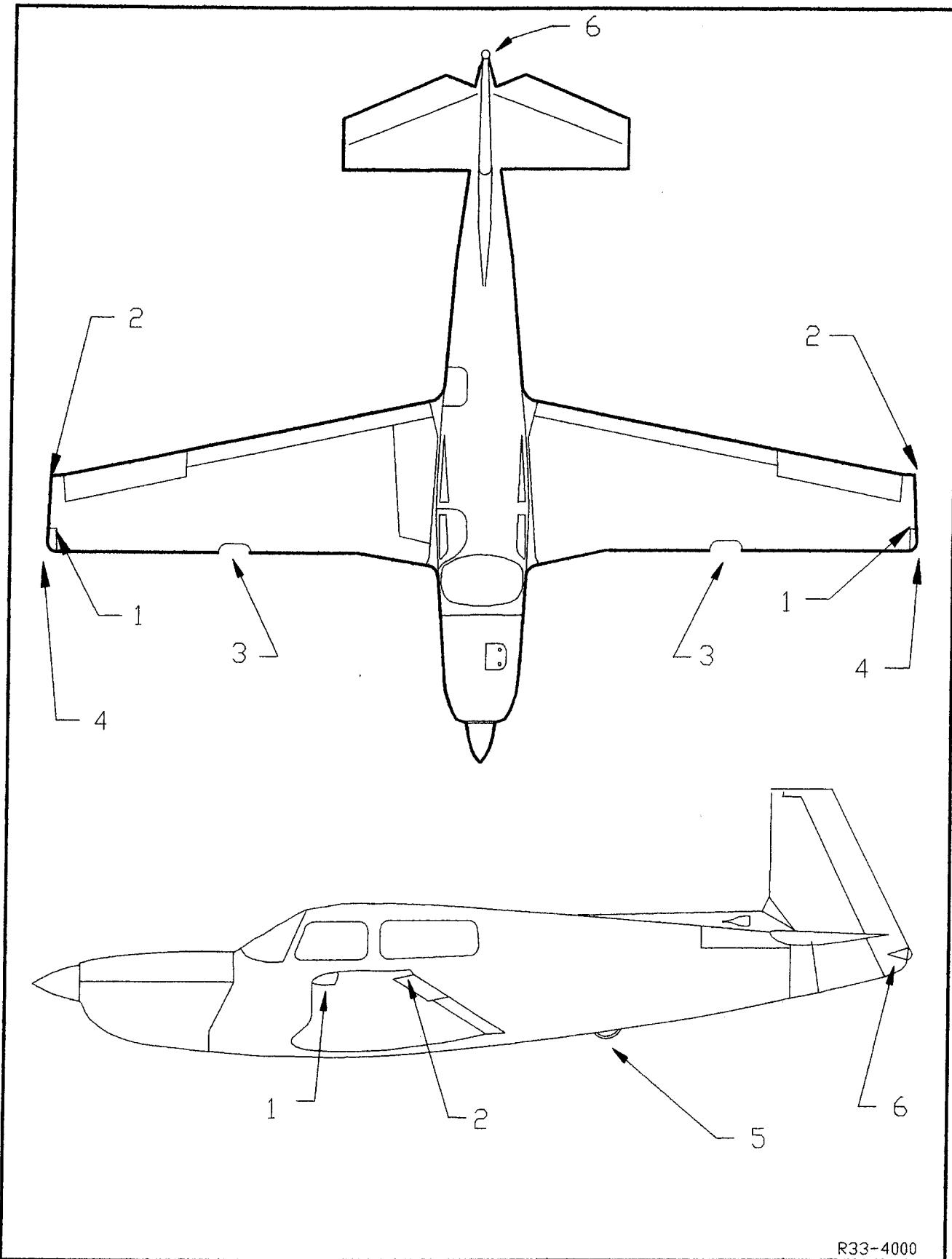


FIGURE 1 - LIGHTS, EXTERNAL

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
33-40-00				
1- - -		LIGHT ASSEMBLIES/SYSTEMS, EXTERNAL (SEE CHAPTERS LISTED FOR DETAILS)		REF
1- 1 A650-PR-D-M		LIGHT, NAV & STROBE, LH (SEE 57-22-00) (WHELEN)		REF
1- 1 A650-PG-D-M		LIGHT, NAV & STROBE, RH (SEE 57-22-00) (WHELEN)		REF
1- 2 800051		LIGHT INSTL, WING TIP, TRAILING EDGE, NAV, LH/RH(SEE 57-22-00)		REF
1- 3 210417		LANDING/TAXI LIGHT INSTALLATION (SEE 33-40-01)		REF
1- 4 880049		RECOGNITION LIGHT INSTALLATION (NI) (SEE 33-40-02)		REF
1- 5 800311		BEACON INSTALLATION, FLASHING (SEE 33-40-03)		REF
1- 6 470013		STROBE ASSEMBLY, TAIL (SEE 55-40-00)		REF

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

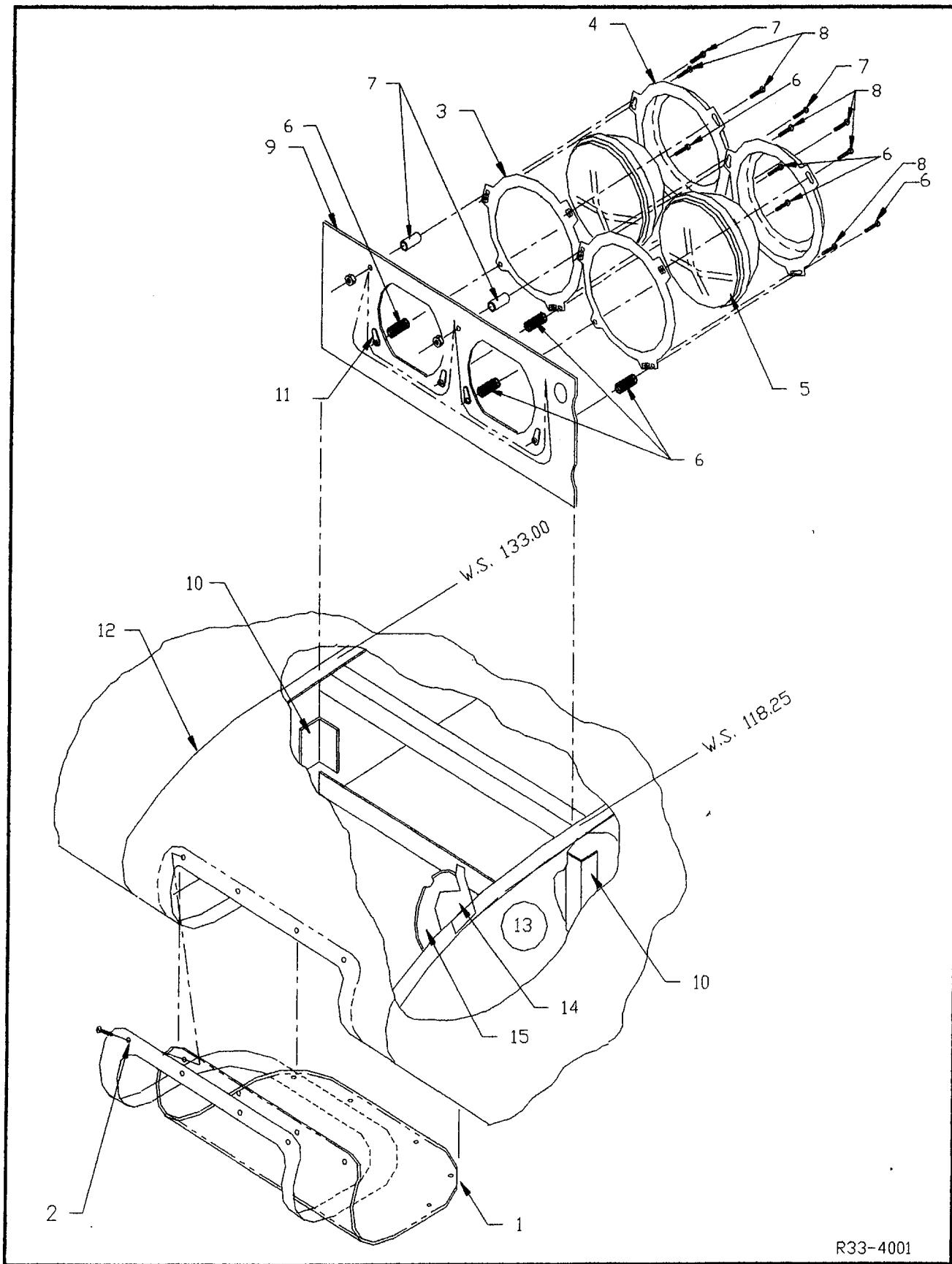


FIGURE 2 - LANDING LIGHT INSTALLATION

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
33-40-01				
2- -	220000	WING ASSEMBLY, OUTBOARD SECTION (SEE 57-10-01)		REF
2- -	210417-501	.LANDING LIGHT INSTALLATION, RH	1	
2- -	210417-502	.LANDING LIGHT INSTALLATION, LH	1	
2- 1	210215-002	..LENS, LH	1	
2- 1	210215-001	..LENS, RH	1	
2- 2	210218-001	..RETAINER, LH	1	
2- 2	210218-002	..RETAINER, RH	1	
2- 2	MS24694-S3	..@SCREW, LH/RH	10	
2- 3	210204-501	..PLATE ASSEMBLY, LH/RH	2	
2- 3	210204-001	...PLATE	1	
2- 3	MS21059L08	...NUT PLATE	3	
2- 4	210204-005	..RETAINER	1	
2- 5	4596	..LAMP, LH/RH (GENERAL ELECTRIC)	2	
2- 6	MS35206-251	..@SCREW, LH/RH	4	
2- 6	LC-047F-7	..SPRING, LH/RH	4	
2- 7	SMB003-0200-9	..MOUNT (LORD) LH/RH	/1	2
2- 7	AN515-8R4	..@SCREW, LH/RH	/1	2
2- 7	AN341-8	..@NUT, LH/RH	/1	2
2- 8	8-32 X 375 LG	..@SCREW, LH/RH	/2	6
2- 9	210216-502	..BRACKET ASSEMBLY, LH	1	
2- 9	210216-501	..BRACKET ASSEMBLY, RH	1	
2- 9	210216-002	...BRACKET, LH	1	
2- 9	210216-001	...BRACKET, RH	1	
2- 10	210216-003	...FLANGE, LH/RH	2	
2- 11	MS21080-08	...NUT PLATE, LH/RH	4	
2- 12	210213-502	..DOUBLER ASSEMBLY, LH	1	
2- 12	210213-501	..DOUBLER ASSEMBLY, RH	1	
2- 12	210213-002	...DOUBLER, LH	1	
2- 12	210213-001	...DOUBLER, RH	1	
2- 12	MS21059L08	...NUT PLATE, LH/RH	10	
2- 13	210418-501	REFLECTOR INSTALLATION, TAXI LIGHT, LH (SEE 00-00-00)	/	REF
2- 13	210418-502	REFLECTOR INSTALLATION, TAXI LIGHT, RH (SEE 00-00-00)	/	REF
2- 14	210418-001	.BRACKET, RH	/	1
2- 14	210418-002	.BRACKET, LH	/	1
2- 14	CR3212-4-2	..@RIVET (THROUGH SKIN) LH/RH	/	2
2- 14	CR3213-4-2	..@RIVET (THROUGH STIFFENER) LH/RH	/	2
2- 15	210418-003	.REFLECTOR, LH/RH	/	1

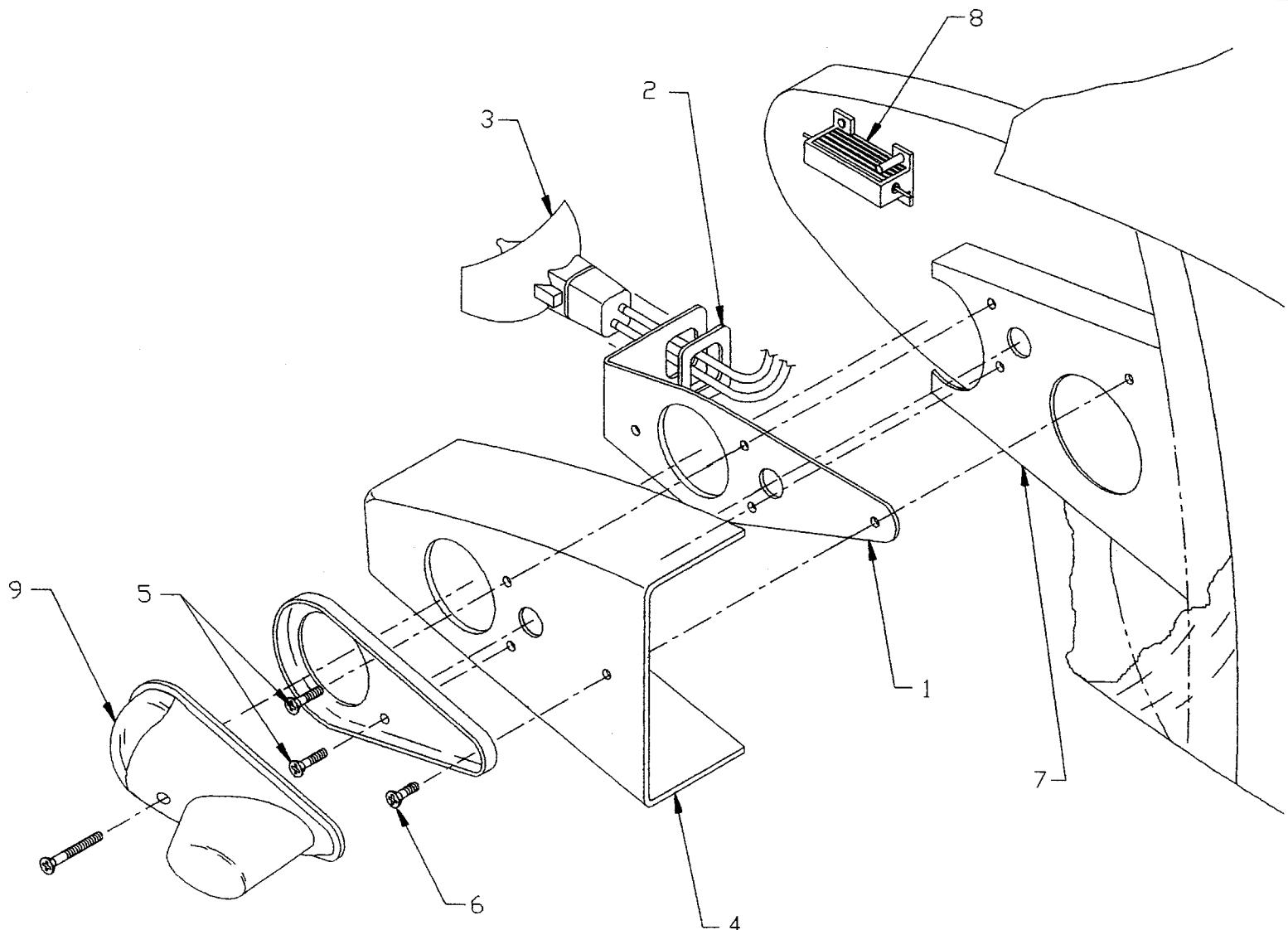
EFFECT/VITIES:

I 29-0001 THRU 29-0150

NOTES:

1. IF LAMPS COULD NOT BE PROPERLY AIMED, THEN THE MOUNT AND HARDWARE WERE REPLACED BY: LC-038D-3 SPRING (LEE), AN515-8R12 SCREW, AND MS21042-08 NUT.
2. SCREW IS A COMMERCIAL TYPE 8-32, ZINC OR CAD PLATED, HEX SOCKET HEAD STEEL CAP SCREW, 3/8"LONG SOURCES: ASMCO - PART NO. 63216-S-7 McMaster-Carr - PART NO. 90128192.

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG



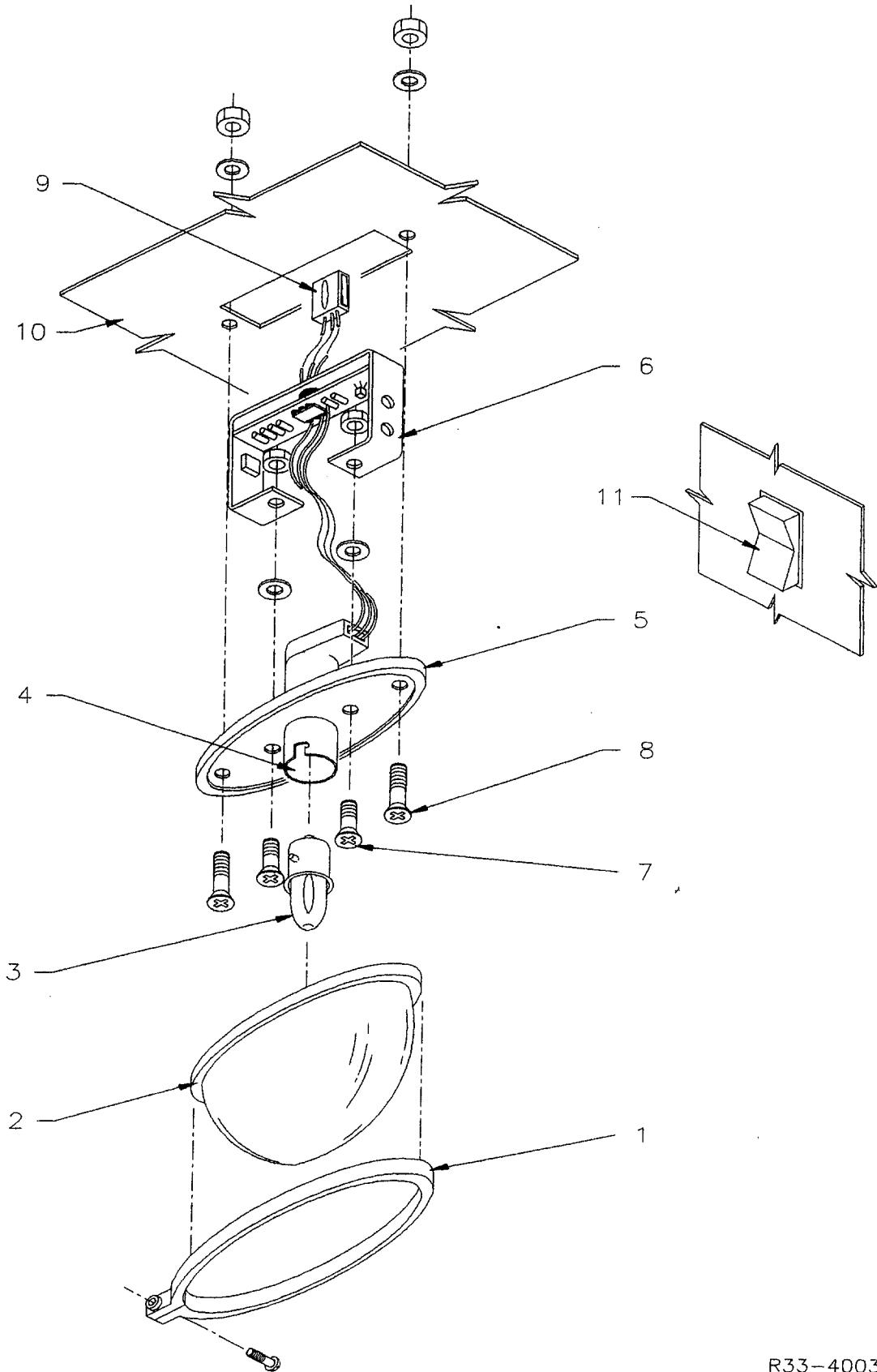
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FIGURE 3 - RECOGNITION LIGHT INSTALLATION

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
33-40-02				
3- -	210413-501	RECOGNITION LIGHT INSTALLATION, LH (28V)(SEE 95-00-00)		REF
3- -	210413-502	RECOGNITION LIGHT INSTALLATION, RH (28V)(SEE 95-00-00)		REF
3- 1	210409-005	.BRACKET, MOUNTING, LH		1
3- 1	210409-006	.BRACKET, MOUNTING, RH		1
3- 2	210409-003	.RETAINER, LH/RH		1
3- 3	880049-501	.LIGHT ASSEMBLY, RECOGNITION		1
3- 4	210385-005	.RETAINER, LH		1
3- 4	210385-006	.RETAINER, RH		1
3- 5	MS35206-230	.@SCREW		2
3- 6	MS24693-S28	.@SCREW		1
3- 7	210383	RIB, WING TIP (SEE 57-22-00)		REF
3- 8	RH-50-7.5	.RESISTOR, DROPPING (DALE)		1
3- 9	A650	LIGHT ASSEMBLY, STROBE/NAV (28V) (SEE 33-40-00)		REF
3- -	940054-505	KIT, RETROFIT		1

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG



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FIGURE 4 - FLASHING BEACON INSTALLATION

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
33-40-03				
4- -	950272-501	BEACON INSTL, FLASHING (SEE 95-00-00)		REF
4- -	90033-19	.LIGHT ASSEMBLY, ANTI-COLLISION, RED (WHELEN)		1
4- -	90033-20	.LIGHT ASSEMBLY, ANTI-COLLISION, WHITE (WHELEN) (ALT)		1
4- 1	19-250155-000	..CLAMP RING ASSEMBLY		1
4- 1	14-062216-100	..@SCREW		1
4- 2	68-4250258-58	..LENS (RED)		1
4- 2	68-4250258-38	..LENS (WHITE) (ALT)		1
4- 3	34-0226010-91	..LAMP, 28V		1
4- 4	33-06230359-0	..LAMPHOLDER ASSEMBLY		1
4- 4	11-230290-000	..BOOT, INSULATING		1
4- 5	06-170166-000	..BASE, MOUNTING		1
4- 5	38-0250154-00	..SEAL, SILICONE SPONGE (ABOVE & BELOW BASE)		2
4- 6	01-0266038-00	..FLASHER ASSEMBLY		1
4- 7	14-082216-100	..@SCREW		2
4- 7	20-0024130600	..@SPACER, INSULATING		2
4- 7	13-08320-050	..@NUT, SELF-LOCKING		2
4- 8	MS35206-244	..@SCREW		2
4- 8	AN960-8L	..@WASHER		2
4- 8	AN363-832	..@NUT		2
4- 9	1-480305-0	..RECEPTACLE (AMP)		1
4- 10	350160	TAILCONE ASSEMBLY, LOWER (SEE 53-10-03)		REF
4- 11	930023-243	SWITCH, ROTATING/FLASHING BEACON	/1	REF
4- 11	930023-003	SWITCH, ROTATING/FLASHING BEACON (SEE 39-10-00)	/1	REF
4- -	950272-503	BEACON INSTALLATION, FLASHING (RETRO-FIT)(N.I.)	/2	1

NOTE

1. FOR AIRCRAFT EQUIPPED WITH TEXAS INSTRUMENTS CIRCUIT BREAKER, USE P/N 930023-003, SWITCH, OTHERWISE USE P/N 930023-243, SWITCH
2. RETRO-FIT FLASHING BEACON, REPLACES AND IS INSTALLED AT ROTATING BEACON POSITION.

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

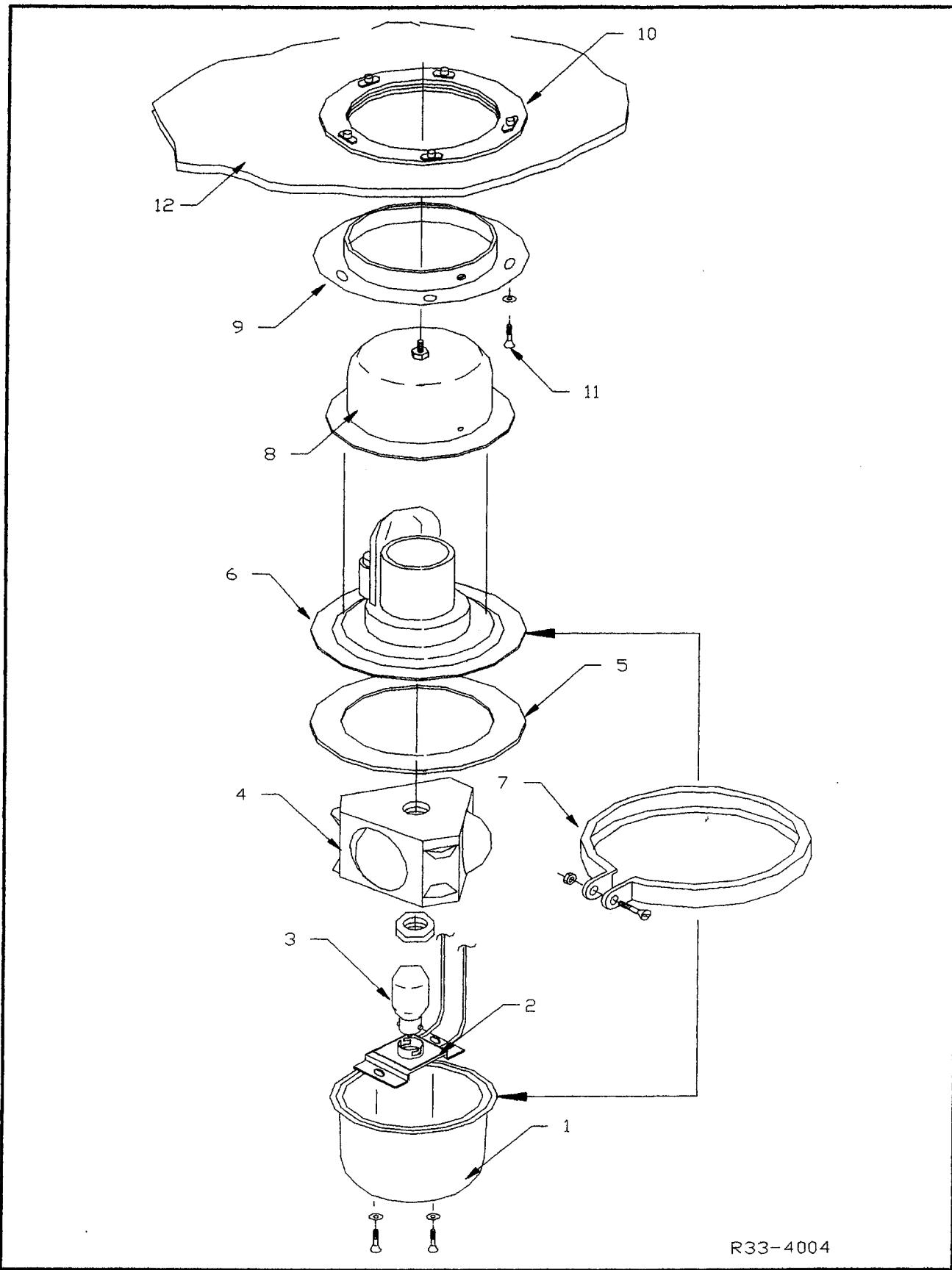


FIGURE 5 - ROTATING BEACON INSTALLATION

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
33-40-04				
5- -	950252-505	ROTATING BEACON INSTALLATION (SEE 95-00-00)		REF
5- -	WRMIL-28	..ROTATING BEACON ASSEMBLY (28V) (WHELEN)		1
5- 1	WRM-10R	..DOME		1
5- 1	-	..@SCREW (COMES WITH DOME)		2
5- 2	WRM-15	..SOCKET ASSEMBLY		1
5- 3	WRM-1939	..LAMP (28V)		1
5- 4	WRM-20L	..LENS ASSEMBLY		1
5- 5	WRM-30	..GASKET		1
5- 6	WRM-40	..MOTOR ASSEMBLY (28V)		1
5- 7	WRM-25	..CLAMP RING ASSEMBLY		1
5- 8	WRM-35	..BASE ASSEMBLY		1
5- 9	WRM-65	..BRACKET		1
5- 10	950252-503	..DOUBLER ASSEMBLY		1
5- 10	950252-001	..DOUBLER		5
5- 10	MS21059-06	..NUT PLATE		5
5- 11	AN528-632R6	..@SCREW		5
5- 11	AN960-6L	..@WASHER		5
5- 12	350160	SKIN ASSEMBLY, TAILCONE (SEE 53-10-03)		
5- -	950272-503	BEACON INSTALLATION, FLASHING (RETRO-FIT) (N.I.)		REF 1

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

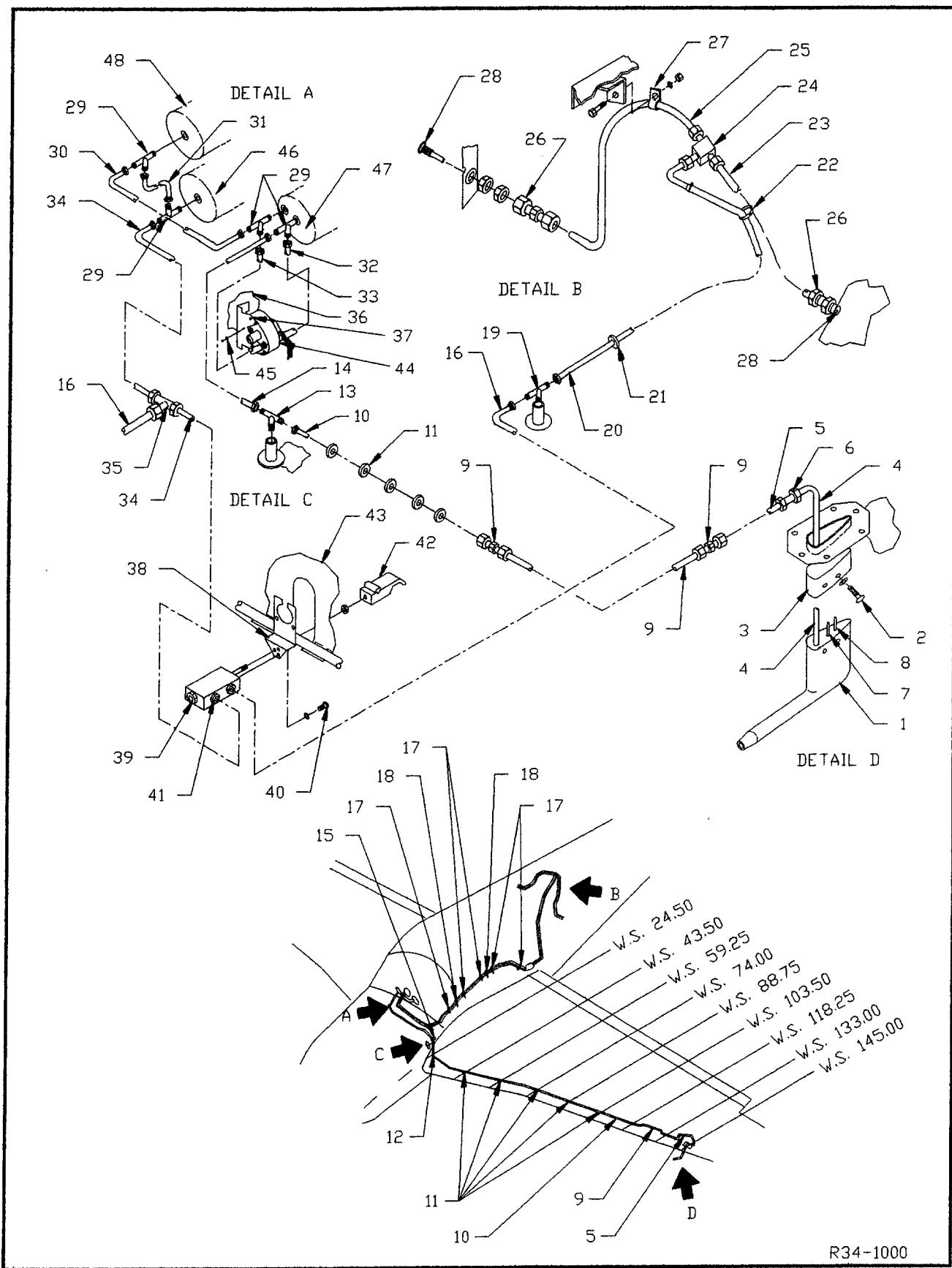


FIGURE 1 - PITOT & STATIC SYSTEM INSTALLATION

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
34-10-00				
1- -	820113-501	PITOT STATIC SYSTEM INSTALLATION (SEE 00-00-00)		REF
1- 1	PH502-24	.PITOT, HEATED (AERO INSTRUMENTS)		1
1- 1	800221-505	.CURRENT MONITOR		1
1- 2	AN520C6R4	.@SCREW		4
1- 2	AN935-6	.@WASHER		4
1- 3	210089-503	.PITOT POST ASSEMBLY		1
1- 4	820015-000	.PITOT TUBE EXTENSION ASSEMBLY		1
1- 4	820015-007	.TUBE		1
1- 4	AN819-4D	.SLEEVE		1
1- 4	AN818-4D	.FITTING		1
1- 5	820252-077	.TUBE		1
1- 6	A-400-6	.UNION (SWAGELOK)		1
1- 7	M-DP05A20	.WIRE		AR
1- 8	M-DP06A20	.WIRE		AR
1- 9	820113-005	.TUBE		1
1- 9	A-400-61	.UNION (SWAGELOK)		2
1- 10	820252-075	.TUBE		1
1- 11	NAS1368-8A	.GROMMET		5
1- 12	NMC-651H-A	.CATERPILLAR GROMMET (NYLON MOLDING CORP)		1
1- 12	08001	.@ADHESIVE (3M)		AR
1- 13	860049-507	.VALVE ASSEMBLY, DRAIN		1
1- 14	820252-009	.TUBE		1
1- 15	MS21919DG4	.@CLAMP		2
1- 15	MS21919DG8	.@CLAMP		2
1- 15	AN526-1032R6	.@SCREW		2
1- 15	AN936A10	.@WASHER		2
1- 15	AN365-1032	.@NUT		2
1- 16	820252-047	.TUBE		2
1- 17	MS21919DG4	.@CLAMP		10
1- 17	MS35207-263	.@SCREW		5
1- 17	AN960-10L	.@WASHER		5
1- 17	MS21045-L3	.@NUT		5
1- 18	MS21919DG4	.@CLAMP		2
1- 18	MS35207-263	.@SCREW		2
1- 18	AN960-10L	.@WASHER		2
1- 18	800113-000	.SUPPORT		2
1- 19	860049-507	.VALVE ASSEMBLY, DRAIN		1
1- 20	820252-053	.TUBE		1
1- 21	AN931-6-10	.@GROMMET		1
1- 22	SST25	.@STRAP (PANDUIT)		1
1- 23	820252-049	.TUBE		1
1- 24	NY-400-3	.FITTING, TEE (SWAGELOK)		1
1- 25	820252-051	.TUBE		1
1- 26	A-400-6-3	.UNION (SWAGELOK)		2
1- 27	310109-000	.@CLIP		1
1- 27	MS21919DG9	.@CLAMP		1
1- 27	AN3-3A	.@BOLT		1
1- 27	AN960-10	.@WASHER		1
1- 27	AN365-1032	.@NUT		1
1- 28	820057-005	.BUTTON, STATIC		2
1- 28	AN960D416	.@WASHER		2
1- 28	AN315-D4R	.@NUT		2

MOONEY AIRCRAFT CORPORATION
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SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 28	AN316-R4	.@NUT		2
1- 29	NY-400-3TMT	.FITTING, TEE (SWAGELOK)		4
1- 30	820252-003	.TUBE		1
1- 31	820252-005	.TUBE		1
1- 32	820252-043	.TUBE		1
1- 33	820252-045	.TUBE		1
1- 34	820252-055	.TUBE		1
1- 35	NY-400-3	.FITTING, TEE (SWAGELOK)	/1	1
1- 36	800228-505	.BOX, DIM/GND		1
1- 37	820252-041	.BRACKET	/2	1
1- 38	340293-009	.BRACKET		1
1- 39	A1390	.VALVE, ALTERNATE STATIC SOURCE (SHAW AERO)		1
1- 39	87-5186	.VALVE, ALT. STATIC SOURCE (ALT) (SHAW AERO)		1
1- 40	MS35207-261	.@SCREW		2
1- 40	AN960-10L	.@WASHER		2
1- 41	NY-400-1-2	.CONNECTOR (SWAGELOK)		2
1- 42	820113-503	.PULL ASSEMBLY		1
1- 42	340299-005	..PULL		1
1- 42	820113-003	..RUB BLOCK		1
1- 42	MS51830-201L	..INSERT		1
1- 42	#16	..@ADHESIVE, WELD-ON (INDUSTRIAL CHEMICAL)		AR
1- 43	820131-501	PILOT'S PANEL (SEE 53-10-04)		REF
1- 44	880013-507	AIRSPEED SWITCH (SEE 32-30-01)	/2	REF
1- 45	AN936-A2	@WASHER	/2	5
1- 46	IU7000-C83	VERTICAL SPEED INDICATOR (SEE 39-10-00)		REF
1- 47	820308-527	INDICATOR, AIRSPEED (SEE 39-10-00)		REF
1- 48	5035P-P71	ALTIMETER (SEE 39-10-00)		REF

NOTES

1. USED WITH OPTIONAL AVIONICS ONLY
2. MOUNT 880013-507 AIRSPEED SWITCH TO 820252-41 BRACKET USING EXISTING HARDWARE AND AN936-A2 WASHERS.

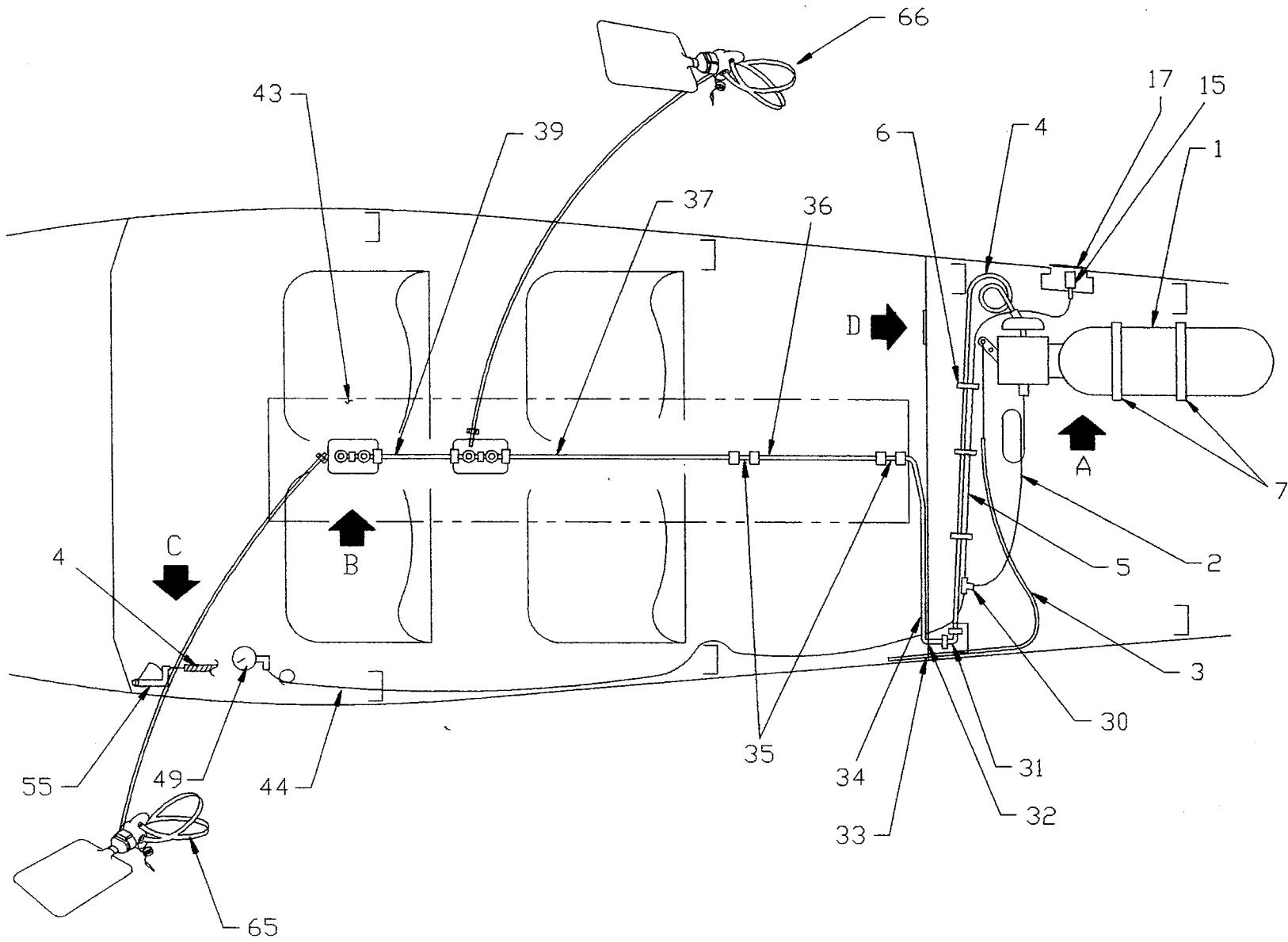
MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION	PART NUMBER	12345 NOMENCLATURE	EFFECT/	UNITS/
FIG-ITEM			NOTES	ASSY

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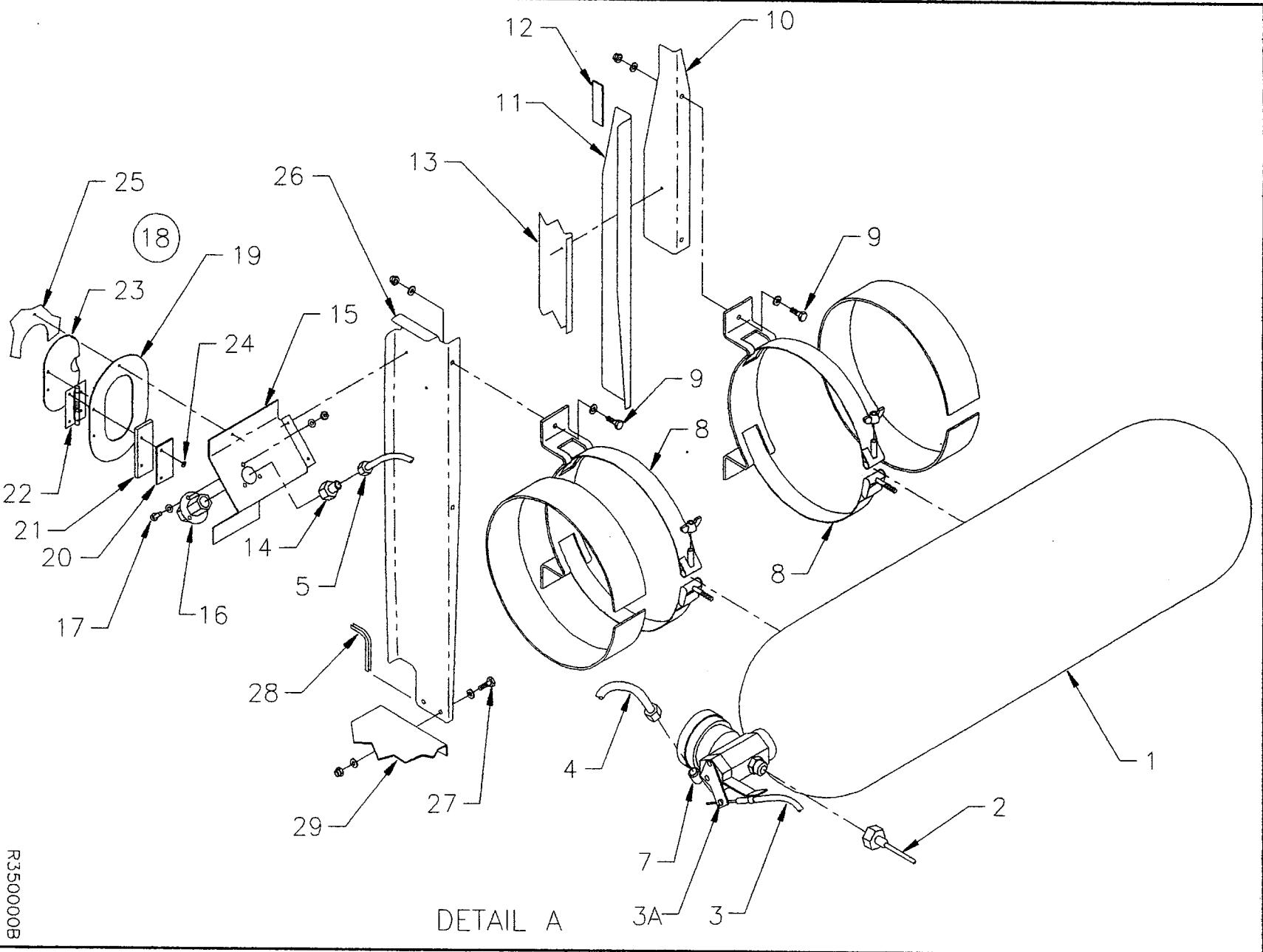
FIGURE 1 - OXYGEN SYSTEM AND INSTALLATION (1 OF 4)



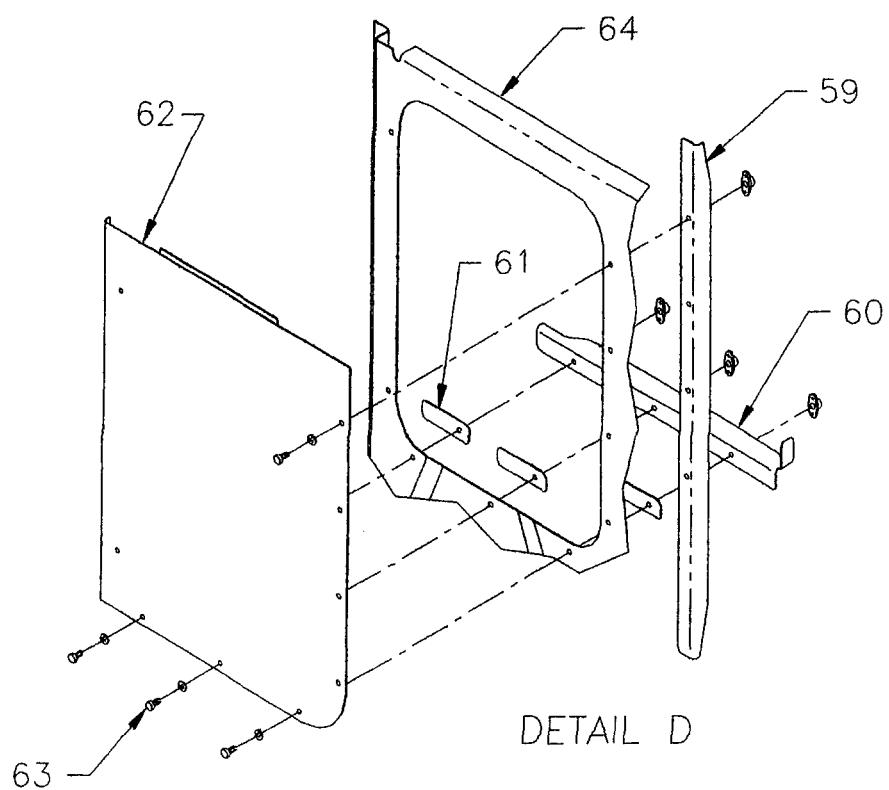
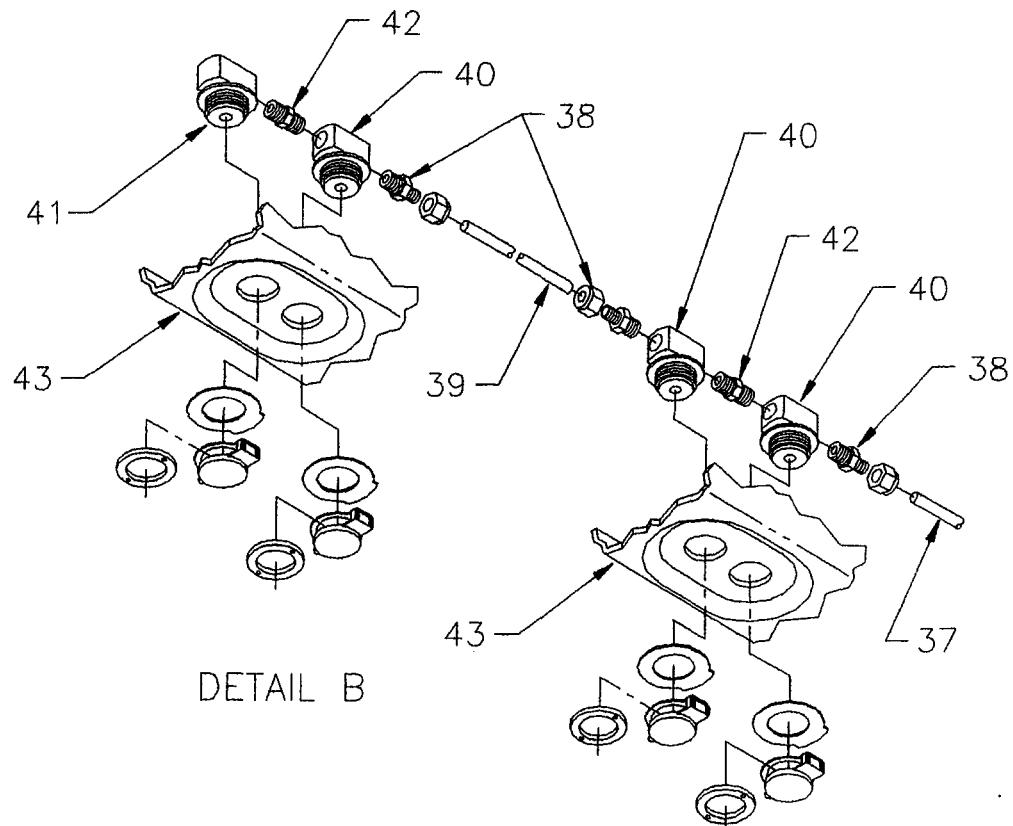
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**MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG**

FIGURE 1 - OXYGEN SYSTEM AND INSTALLATION (2 OF 4)



MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG



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FIGURE 1 - OXYGEN SYSTEM AND INSTALLATION (3 OF 4)

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

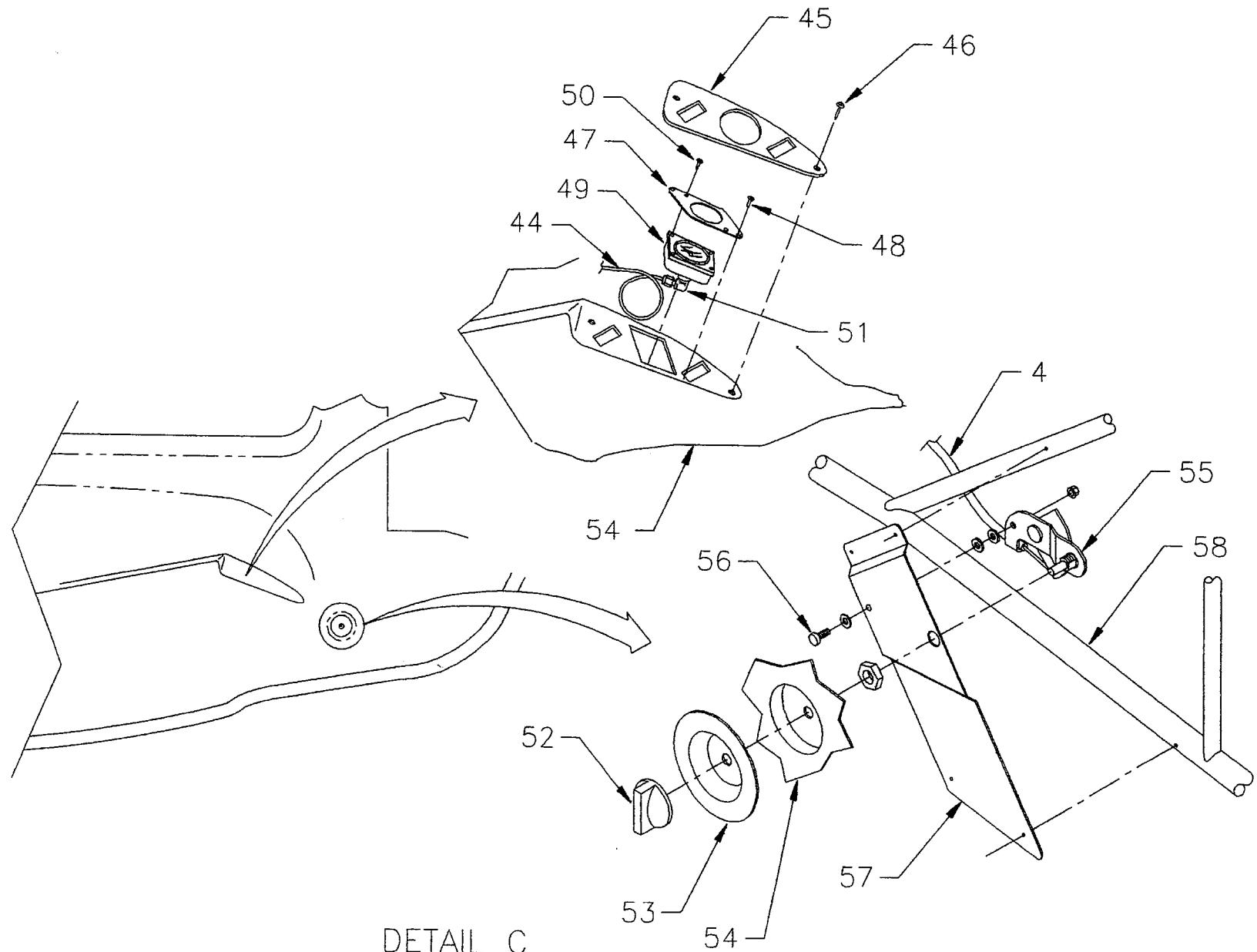


FIGURE 1 - OXYGEN SYSTEM AND INSTALLATION (4 OF 4)

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MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
35-00-00				
1- -	870029-515	OXYGEN SYSTEM INSTALLATION (OPT) (SEE 95-00-00)		REF
1- 1	S895-08015	.CYLINDER ASSEMBLY (115.7 CU FT) (SCOTT)	/2	1
1- 2	800214-05	.NIPPLE TUBE ASSEMBLY (SCOTT)		1
1- 3	870007-023	.CONTROL ASSEMBLY		1
1- 3	MS21919DG3	.@CLAMP		3
1- 3	MS35207-263	.@SCREW		4
1- 3	AN363-1032	.@NUT		4
1- 3	AN743-12	.@BRACKET		1
1- 3	A8-75	.@RIVNUT		1
1- 3A	13-0403-01	.@STOP, CABLE		1
1- 3A	AN960-416L	..WASHER		1
1- 3A	MS35649-282	..CHECK NUT		1
1- 3A	MS35206-244	..SCREW		1
1- 4	870029-001	.TUBE		1
1- 4	500015-2	..SPIRAP (AMP CORP)		A/R
1- 5	27445-002	.HIGH PRESSURE TUBE		1
1- 5	500013-2	..SPIRAP (AMP CORP)		A/R
1- 6	MS21919DG4	.@CLAMP		3
1- 6	MS21919DG2	.@CLAMP		3
1- 6	MS35207-263	.@SCREW		3
1- 6	AN363-1032	.@NUT		3
1- 7	A-400-2-2	.MALE ELBOW FITTING (SWAGELOK)		1
1- 8	803272-010	.BRACKET ASSEMBLY (SCOTT)	/2	2
1- 9	AN3-5A	.@BOLT		4
1- 9	AN960-10	.@WASHER		8
1- 9	AN364-1032	.@NUT		4
1- 10	870015-003	.ANGLE		1
1- 11	870015-005	.ANGLE		1
1- 12	870029-009	.SHIM		1
1- 13	350162	BULKHEAD STA 142 (SEE 53-10-03)		REF
1- 14	B200-7-2	.CONNECTOR (SWAGELOK)		1
1- 15	870014-001	.BRACKET		1
1- 16	26875-76	.VALVE ASSEMBLY (SCOTT)(CHARGE VALVE)		1
1- 17	MS35206-245	.@SCREW		3
1- 17	AN960-8	.@WASHER		6
1- 17	MS21083N08	.@NUT		3
1- 18	950006-501	ACCESS DOOR ASSEMBLY		1
1- 19	950006-007	..DOUBLER		1
1- 20	950006-013	..REAINER		1
1- 21	950006-015	..SEAL		1
1- 22	950006-011	..HINGE ASSEMBLY		1
1- 22	AN257-3	...HINGE		1
1- 22	916008-009	...SPRING		1
1- 23	950006-009	..LID		1
1- 24	AN960-3	..WASHER		2
1- 25	350160-001	OUTSIDE SKIN (SEE 53-10-03)		REF
1- 26	870016-001	.RIB		1
1- 27	AN3-5A	.@BOLT		2
1- 27	AN960-10	.@WASHER		4
1- 27	AN364-1032	.@NUT		2
1- 28	G-51HA	.GROMMET		1
1- 29	810017	.ELECTRONIC EQUIPMENT RACK (SEE 53-10-03)		REF

MOONEY AIRCRAFT CORPORATION
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SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 30	B-200-3	.TEE FITTING (SWAGELOK)		1
1- 31	A-400-9	.UNION (SWAGELOK)		1
1- 32	G-51H-P	.GROMMET		1
1- 33	MS35489-134	.GROMMET		1
1- 34	870029-003	.TUBE		1
1- 34	#500015-2	.SPIRAP		A/R
1- 34	MS21919DG4	.@CLAMP		2
1- 34	MS35207-263	.@SCREW		2
1- 34	AN363-1032	.@NUT		2
1- 35	SS-400-6-4AN	.UNION (SWAGELOK)		2
1- 36	57038-04-0190	.HOSE ASSEMBLY (HYDRAFLOW)		1
1- 37	870029-023	.TUBE		1
1- 38	SS-400-1-2	.CONNECTOR (SWAGELOK)		3
1- 39	870029-021	.TUBE		1
1- 40	23599-22	.OXYGEN OUTLET ASSEMBLY (SCOTT)		3
1- 41	23599-21	.OXYGEN OUTLET ASSEMBLY (SCOTT)		1
1- 42	AN911-10	.CONNECTOR		2
1- 43	130250	HEADLINER		REF
1- 44	27445-115	.TUBE		1
1- 44	#50013-2	.SPIRAP		A/R
1- 44	MS21919DG2	.@CLAMP		9
1- 44	MS35207-263	.@SCREW		7
1- 44	AN363-1032	.@NUT		9
1- 44	MS21919DG12	.@CLAMP		1
1- 44	MS21919DG8	.@CLAMP		1
1- 44	MS21919DG4	.@CLAMP		2
1- 44	MS35207-264	.@SCREW		2
1- 45	150085-001	PLACARD (SEE 25-00-00)		REF
1- 46	PS4SM10DL01BK	@SCREW (SEE 25-00-00)		REF
1- 46	A1890-4Z-1	@NUT (SEE 25-00-00)		REF
1- 47	130337-001	.RETAINER		1
1- 48	AN531-4R4	.@SCREW		2
1- 48	A1890-4Z-1	.@NUT (BOND TO BACK OF PANEL)		2
1- 49	P-24068	.OXYGEN GUAGE (PRECISION PRODS.)		1
1- 50	MS24693-S2	.@SCREW		2
1- 51	B-200-8-2	.ELBOW (SWAGELOK)		1
1- 52	#1520	KNOB (DAVIES)		1
1- 53	130336-005	.CONTROL ESCUTCHEON		1
1- 54	130250-051	PANEL ASSEMBLY, LH SIDE (SEE 25-00-00)		REF
1- 55	360-000-13	.CONVERTER (ARENS CONTROL)		1
1- 56	MS35207-263	.@SCREW		1
1- 56	AN960-10L	.@WASHER		1
1- 56	AN960-10	.@WASHER		2
1- 56	MS21042-3	.@NUT		1
1- 57	870031-003	.BRACKET		1
1- 58	340155	TUBULAR STRUCTURE (SEE 53-10-03)		REF
1- 59	870011-001	.OXYGEN ACCESS DOOR WALL STIFFENER		1
1- 60	870012-001	.OXYGEN ACCESS HOLE SILL		1
1- 61	870012-003	.OXYGEN ACCESS HOLE SHIM		3
1- 62	870013-501	.OXYGEN ACCESS COVER PLATE ASSEMBLY		1
1- 63	MS35206-243	.@SCREW		9
1- 63	AN960-8	.@WASHER		9

MOONEY AIRCRAFT CORPORATION
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SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 63	MS21078-08K	@NUT PLATE		9
1- 64	350167	BAGGAGE WALL (SEE 53-10-03)		REF
1- 65	249-01	.DUO SEAL MASK (W/MICRO-PHONE)	/1	1
1- 66	28314-19	.SKYMASK	/1	3
1- -	870025-503	OXYGEN REFILL HOSE ASSEMBLY (N)		1

NOTES:

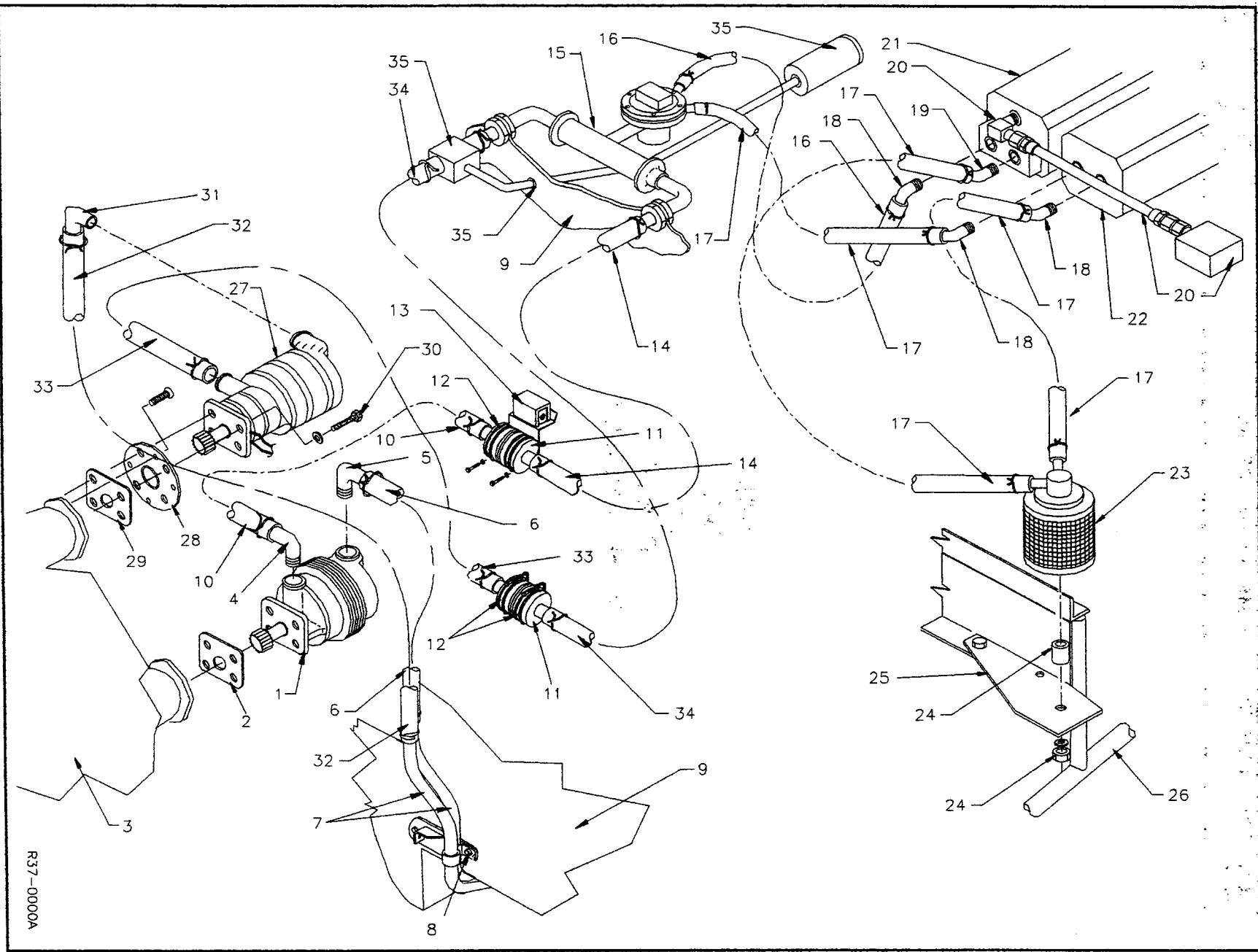
1. ALL AIRCRAFT TO BE EXPORTED TO FRANCE WILL HAVE 4 EACH OXYGEN MASKS EQUIPPED WITH A MICROPHONE.
2. S89508077 (77.1 CU FT) CYLINDER WITH 803272-6 BRACKETS IS AN ACCEPABLE ALTERNATE FOR S89508015 (115.7 CU FT) CYLINDER WITH 803272-10 BRACKETS.

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION	PART NUMBER	12345 NOMENCLATURE	EFFECT/	UNITS/
FIG-ITEM			NOTES	ASSY

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FIGURE 1 - VACUUM SYSTEM INSTALLATION (SHEET 1 of 2)



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M20R & M20S - ILLUSTRATED PARTS CATALOG**

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M20R & M20S - ILLUSTRATED PARTS CATALOG

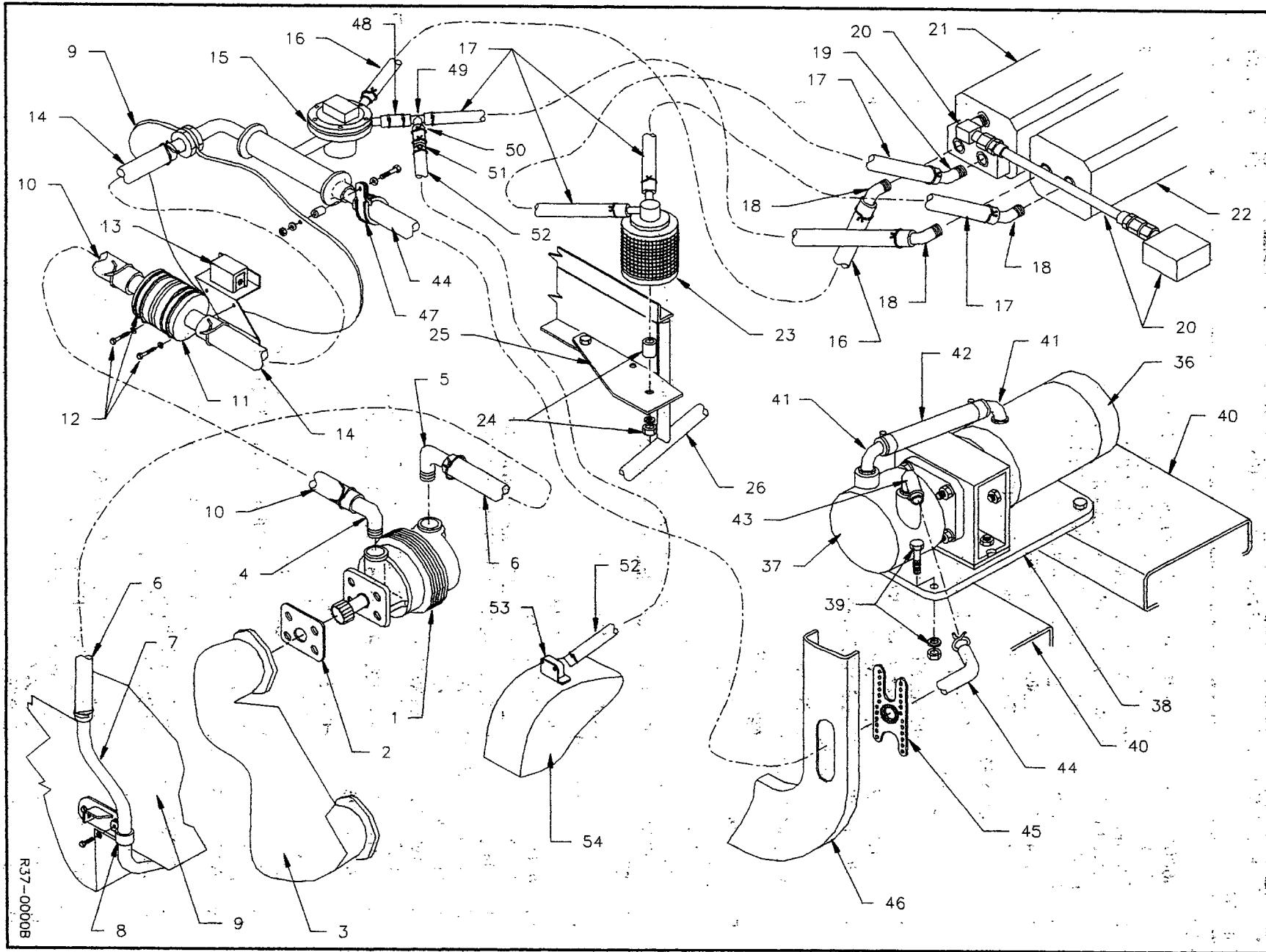


FIGURE 1 - VACUUM SYSTEM INSTALLATION (SHEET 2 of 2)

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MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
37-00-00				
1- -	860015-505	VACUUM INSTALLATION (SEE 00-00-00)	/	REF
1- -	860015-507	VACUUM INSTALLATION (SEE 00-00-00)	II/	REF
1- 1	242CW	.PUMP, VACUUM, MAIN (AIRBORNE)		1
1- 1	1U128-006	.PUMP, VACUUM, MAIN (SIGMATEK)(ALT)		1
1- 2	B3-1-2	.GASKET, VACUUM PUMP (AIRBORNE)	/3	1
1- 3	IO-550G5B	ENGINE (TCM) (SEE 71-00-00)		REF
1- 4	1K1-6-10	.FITTING (AIRBORNE)		1
1- 5	1K8-6-10	.FITTING, ELBOW (AIRBORNE)		1
1- 6	.875 x .625 x 33.0	.HOSE, MIL-H-5593-10	/	1
1- 6	.875 x .625 x 36.0	.HOSE, MIL-H-5593-10	II/	1
1- 6	A-14	.CLAMP (CORBIN)		2
1- 7	620055-005	.TUBE, BREATHER	/	2
1- 7	620055-005	.TUBE, BREATHER	II/	1
1- 8	MS21919WDG10	@CLAMP	/	2
1- 8	MS21919WDG10	@CLAMP	II/	1
1- 8	AN3-10A	@BOLT		1
1- 8	AN960-10	@WASHER		1
1- 8	914024-002	@SPACER	/	1
1- 8	630097-502	BRACKET ASSEMBLY, TAILPIPE HANGER (SEE 78-00-00)		REF
1- 9	600256	FIREWALL ASSEMBLY (SEE 53-20-00)		REF
1- 10	.875 x .625 x 17.0	.HOSE, MIL-H-5593-10	/	1
1- 10	.875 x .625 x 33.0	.HOSE, MIL-H-5593-10	II/	1
1- 10	A-14	.CLAMP (CORBIN)		2
1- 11	1J4-6	.FILTER, VACUUM PUMP (AIRBORNE)	/	2
1- 11	1J4-6	.FILTER, VACUUM PUMP (AIRBORNE)	II/	1
1- 12	MS21919DG50	@CLAMP		2
1- 12	AN3-4A	@BOLT		2
1- 12	AN960-10	@WASHER		4
1- 13	880030	FUEL FLOW TRANSDUCER (SEE 28-20-00)		REF
1- 13	610196-501	BRACKET ASSEMBLY (SEE 28-20-00)		REF
1- 14	.875 x .625 x 20.0	.HOSE, MIL-H-5593-10		1
1- 14	A-14	.CLAMP (CORBIN)		2
1- 15	2H3-47	.VALVE, VACUUM REGULATING (AIRBORNE)	/	1
1- 15	2H3-39	.VALVE, VACUUM REGULATING (AIRBORNE)	II/	1
1- 15	B3-5-1	.FILTER, GARTER		1
1- 16	.675 x .375 x 13.0	.HOSE, LOW PRESSURE(STRATOFLEX)(LP-MIL-H-5593-6)	/	1
1- 16	860052-011	.HOSE, LOW PRESSURE	II/	1
1- 16	A8	@CLAMP (CORBIN)		2
1- 17	.675 x .375 x 13.0	.HOSE, LOW PRESSURE(STRATOFLEX)(LP-MIL-H-5593-6)	/	1
1- 17	860052-011	.HOSE, LOW PRESSURE	II/	1
1- 17	A8	@CLAMP (CORBIN)		2
1- 18	AN844-6D	.ELBOW		1
1- 19	AN842-6D	.ELBOW		1

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SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 20	AN822-2D	.ELBOW		1
1- 20	860015-503	.HOSE ASSEMBLY		1
1- 20	MS27404-2D	.ADAPTER		2
1- 20	MS51503-B2	.FITTING, ADAPTER (HOSE TO SWITCH)		1
1- 20	22-1280-04	.SWITCH, VACUUM		1
1- 21	820192-505	INDICATOR, ARTIFICIAL HORIZON (SEE 39-10-00)		REF
1- 22	820203-503	INDICATOR, DIRECTIONAL GYRO (SEE 39-10-00)		REF
1- 23	1J7-1	.FILTER, GYRO (AIRBORNE)		1
1- 24	914019-001	.@SPACER		1
1- 24	AN960-10	.@WASHER		1
1- 24	MS21045L3	.@NUT		1
1- 25	860015-001	.BRACKET		1
1- 25	AN3-4A	.@BOLT		1
1- 25	AN960-10	.@WASHER		2
1- 25	MS21045L3	.@NUT		1
1- 25	MS35207-263	.@SCREW (SEE 53-20-02)	/1	REF
1- 25	AN960-10L	@WASHER (SEE 53-20-02)	/1	REF
1- 25	MS21044N3	@NUT (SEE 53-20-02)	/1	REF
1- 25	MS20470AD4	@RIVET (SEE 53-20-02)	/1	REF
1- 26	340155	TUBULAR STRUCTURE (SEE 53-10-02)		REF
1- -	860063-503	STANDBY VACUUM SYSTEM INSTALLATION (SEE 00-00-00)	//	REF
1- -	860063-501	STANDBY VACUUM SYSTEM INSTALLATION (SEE 00-00-00)	///	REF
1- 27	28C214CW-2	.PUMP, VACUUM/CLUTCH ASSEMBLY (AIRBORNE)	//	1
1- 28	A2-91-1	.ADAPTER (AIRBORNE)	I/2,3	1
1- 28	1/4-20 x .625	..@SCREW, FLAT HEAD (AIRBORNE P/N C7-57-1)	I/2	4
1- 28	#271	..@LOCKTITE	I/2	AR
1- 29	B3-1-2	..GASKET, VACUUM PUMP (AIRBORNE)	//	1
1- 30	NAS1352-3-12P			
		.@SCREW, CAP	//	4
1- 30	107A10002	@WASHER, LOCK (AIRBORNE)	//	4
1- 31	1K1-6-10	.FITTING (AIRBORNE)	//	1
1- 32	.875 x .625 x 21.0			
		.HOSE, MIL-H-5593-10	//	1
1- 32	A-14	..CLAMP (CORBIN)	//	1
1- 33	.875 x .625 x 19.0			
		.HOSE, MIL-H-5593-10	//	1
1- 33	AN840-10D	..FITTING		1
1- 33	A-14	..CLAMP (CORBIN)	//	2
1- 34	.875 x .625 x 20.0			
		.HOSE, MIL-H-5593-10	//	1
1- 34	A-14	..CLAMP (CORBIN)	//	2
1- 35	A/M344-1	.KIT, STAND-BY VACUUM CHECK (AIRBORNE)	///	1
1- 35	1G19-2	..INDICATOR, VACUUM	///	1
1- 35	2K82-10-10-2	.."T" FTG (AIRBORNE)	///	1
1- 35	-	..@CLAMPS (SUPPLIED W/KIT)	///	2
1- 35	1K22-2-2	..FITTING (THRU F/W)	///	1
1- 35	LP-MIL-H-5593-2-2062			
		..HOSE	///	AR
FOLLOWING ITEMS WILL BE FOUND ON SHEET 2				
1- 36	820904-002	.ASSEMBLY, MOTOR DRIVE (AIRBORNE)	//	1
1- 36	820215-001	..COUPLING, DRIVE (AIRBORNE)	//	1
1- 37	212CW	.PUMP, VACUUM (AIRBORNE)	//	1

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 37	AN4-6A	.BOLT	II/	4
1- 37	AN960-416	.WASHER	II/	4
1- 37	MS21045L4	.NUT	II/	4
1- 38	820802	.PLATE, DRIVE (AIRBORNE)	II/	1
1- 39	AN3-4A	.BOLT	II/	4
1- 39	AN960-10L	.WASHER	II/	4
1- 39	MS21045L3	.NUT	II/	4
1- 40	810017	ELECTRICAL EQUIPMENT RACK (SEE 53-10-03)		REF
1- 41	1K1-6-10	.ELBOW, FITTING	II/	2
1- 42	.875 x .625 x 5.6	.HOSE (MIL-H-5593-10)	II/	1
1- 42	A-12	.CLAMP (CORBIN)	II/	2
1- 43	1K1-6-8	.ELBOW, FITTING	II/	1
1- 43	AN842-8D	.ELBOW, FITTING (ALT)	II/	1
1- 44	HP008	.HOSE (APPROX. 156")	II/	1
1- 44	A-10	.CLAMP (CORBIN)	II/	1
1- 45	350162-061	.COVER	II/	1
1- 45	350162-063	.COVER	II/	1
1- 45	MS21051-L08	.NUT, PLATE		4
1- 45	MS20426AD3	.RIVET		2
1- 45	MS35206-244	.SCREW		4
1- 45	M2252912-2	.GROMMET		AR
1- 46	350214	BULKHEAD ASSEMBLY (SEE 53-10-03)		REF
1- 47	MS21919WDG12	.CLAMP	II/	1
1- 47	AN960-10L	.WASHER	II/	2
1- 47	AN3-12A	.BOLT	II/	1
1- 47	MS21045L3	.NUT	II/	1
1- 47	914084-003	.SPACER	II/	1
1- 48	860060-023	.HOSE	II/	1
1- 48	A-8	.CLAMP (CORBIN)	II/	2
1- 49	860060-017	.TEE	II/	1
1- 50	860060-053	.HOSE	V/	1
1- 50	A-6	.CLAMP (CORBIN)	V/	2
1- 51	860064-001	.RESTRICTOR	V/	1
1- 52	860060-025	.HOSE	IV/	1
1- 52	A-6	.CLAMP (CORBIN)	IV/	2
1- 53	141PC15G	.TRANSDUCER, VACUUM PRESSURE	IV/	1
1- 53	310361-001	.BRACKET, TRANSDUCER MOUNTING	IV/	1
1- 53	MS35206-234	.SCREW	IV/	2
1- 53	AN960-10L	.WASHER	IV/	2
1- 53	MS21042-06	.NUT	IV/	2
1- 54	310336	NOSE WHEEL WELL (SEE 53-10-00)		REF

EFFECTIVITIES:

- I 29-0001 THRU 29-0089
- II 29-0090 THRU 29-TBA
30-0001 THRU 30-TBA
- III 29-0090 THRU 29-0130
- IV 29-0131 THRU 29-TBA
30-0001 THRU 30-TBA

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

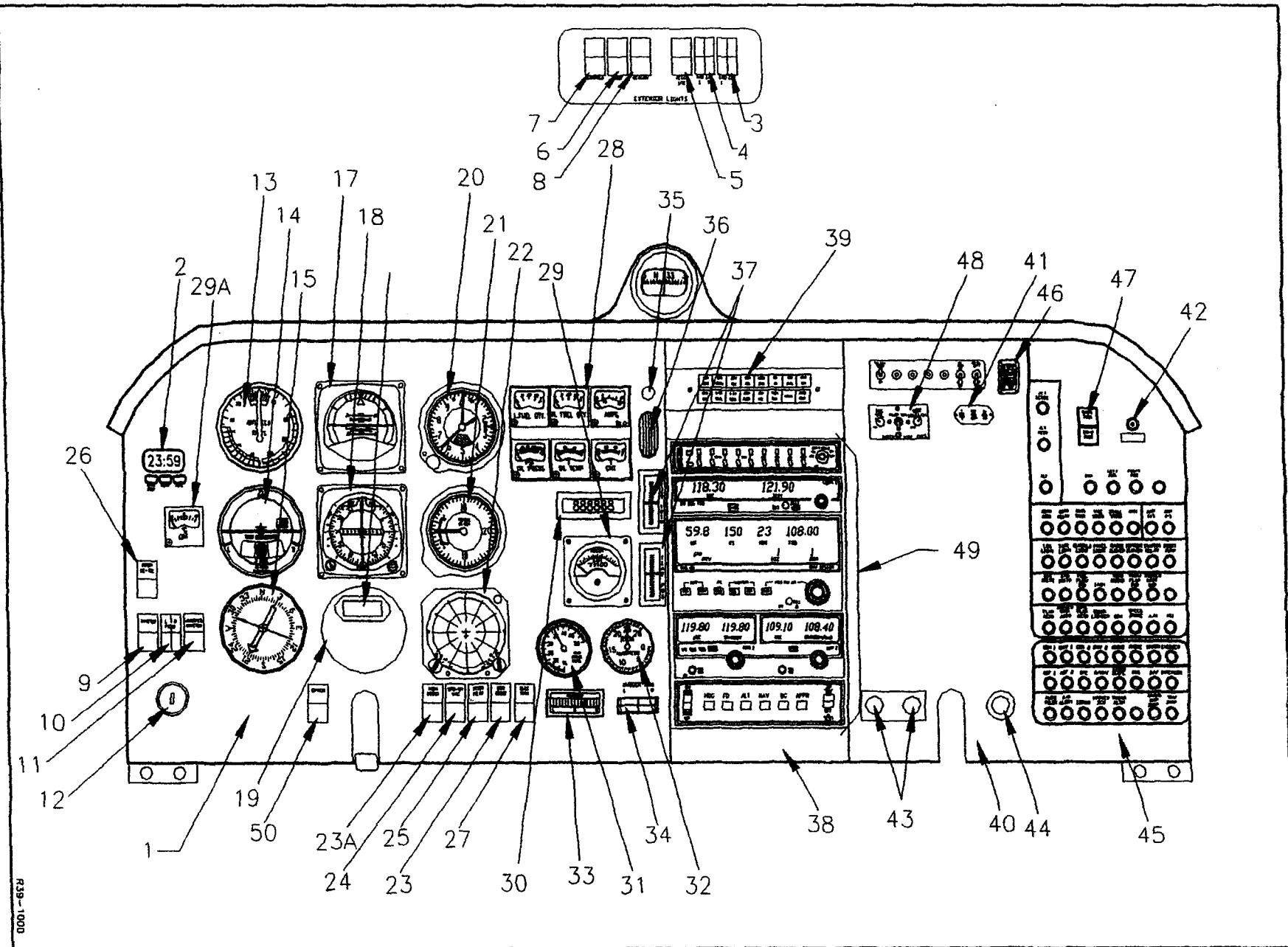
SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
V	29-0153 THRU 29-TBA 30-0001 THRU 30-TBA			

NOTES:

1. 860015-001 BRACKET AND 340206-011 BRACKET IN CONSOLE ASSEMBLY SHARE ATTACHING HARDWARE.
2. LOCTITE 271 SHOULD BE USED TO SECURE FLAT HEAD SCREWS HOLDING THE A2-91-1 ADAPTER TO THE AND20000 ACCESSORY PAD AND ALSO TO SECURE STUDS INTO THE AND20000 PAD.
3. GASKET REQUIRED BETWEEN A2-91-1 ADAPTER AND AND20000 ACCESSORY PAD.

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

FIGURE 1 - INSTRUMENT INSTALLATION (M20R)



R39-1000

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
39-10-00				
1- -	820337-000	INSTRUMENT INSTALLATION (SEE 00-00-00)	/	REF
1- 1	820131-503	PANEL, PILOT'S (SEE 53-10-04)	II/	REF
1- 1	820131-505	PANEL, PILOT'S (SEE 53-10-04)	III/	REF
1- 2	820128-501	.CLOCK INSTALLATION, DIGITAL		1
1- 2	MD-89	..CLOCK (MID-CONT.)		1
1- 2	7011026	...BULB (MID-CONT.)		1
1- 2	PS2C8DL14GY	..@SCREW (STAKE FASTENER CO)		4
1- 2	MS21042L02	..@NUT		4
1- 2	820128-001	..RETAINER		1
1- 2	NAS42DD3-10N	..SPACER		2
1- 2	NAS42DD3-12N	..SPACER		2
1- 3	880052-121	.SWITCH, LANDING LIGHT		1
1- 3	PS6C6DL01BK	.@SCREW (STAKE FASTENER CO)		2
1- 4	880052-123	.SWITCH, TAXI LIGHT		1
1- 4	PS6C6DL01BK	.@SCREW (STAKE FASTENER CO)		2
1- 5	930023-331	.SWITCH, RECOGNITION LIGHT	/5	1
1- 5	PS6C6DL01BK	.@SCREW (STAKE FASTENER CO)		2
1- 6	930023-351	.SWITCH, NAV LIGHT	/5	1
1- 6	PS6C6DL01BK	.@SCREW (STAKE FASTENER CO)		2
1- 7	930023-337	.SWITCH, STROBE LIGHT	/5	1
1- 7	PS6C6DL01BK	.@SCREW (STAKE FASTENER CO)		2
1- 8	930023-343	.SWITCH, ROTATING BEACON (OPT)	/1,5	1
1- 8	PS6C6DL01BK	.@SCREW (STAKE FASTENER CO)		2
1- 9	880052-501	.SWITCH, MASTER		1
1- 9	PS6C6DL01BK	.@SCREW (STAKE FASTENER CO)		2
1- 10	880052-503	.SWITCH, ALT FIELD		1
1- 10	PS6C6DL01BK	.@SCREW (STAKE FASTENER CO)		2
1- 11	930023-313	.SWITCH, AVIONICS MASTER	/5	1
1- 11	PS6C6DL01BK	.@SCREW (STAKE FASTENER CO)		2
1- 12	10-357210-9	.SWITCH, MAGNETO/STARTER (BENDIX SCINTILLA) (ATTACHING HARDWARE SUPPLIED W/SWITCH)		1
1- 13	820308-535	.INDICATOR, AIRSPEED		1
1- 13	PS6C18DL01BK	.@SCREW (STAKE FASTENER CO)		3
1- 13	NAS487-17	..@NUT		3
1- 14	1394T100-3Z	.TURN COORDINATOR (ALT)(ELECTRO GYRO CO)		1
1- 14	PS6C18DL01BK	..@SCREW (STAKE FASTENER CO)		4
1- 14	NAS487-17	..@NUT		4
1- 15	KI-227	.INDICATOR, ADF (KING RADIO) (OPT)		1
1- 15	KI-203	.INDICATOR, NAV (KING RADIO) (OPT)		1
1- 15	KI-204	.INDICATOR, NAV (KING RADIO) (OPT)		1
1- 15	KI-206	.INDICATOR, NAV (KING RADIO) (OPT)		1
1- 15	PS6C8DL01BK	.@SCREW (STAKE FASTENER CO)		4
1- 16	KAS-297B	.PRE-SELECTOR, ALTITUDE (KING RADIO) (OPT)		1
1- 16	PS6C16DL01BK	.@SCREW (STAKE FASTENER CO)		4
1- 17	820192-505	.ARTIFICIAL HORIZON		1
1- 17	KG-258	.ARTIFICIAL HORIZON (OPT)		1
1- 17	KI-256	.FLIGHT DIRECTOR (KING)(OPT)		1
1- 17	PS6C18DL01BK	.@SCREW (STAKE FASTENER CO)		4
1- 18	820203-503	.DIRECTIONAL GYRO		1
1- 18	KG-107	.DIRECTIONAL GRYO (KING)(OPT)		1
1- 18	KI-525A	.INDICATOR, HORIZON SITUATION (KING RADIO) (OPT)		1
1- 18	PS6C18DL01BK	.@SCREW (STAKE FASTENER CO)		3

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 18	810247-501	.EFIS (OPT) (BENDIX KING) (ATTACHING HARDWARE SUPPLIED W/INSTRUMENT)		1
1- 19	KI-227	.INDICATOR, ADF (KING RADIO) (OPT)		1
1- 19	KI-229	.INDICATOR, RMI (KING RADIO) (OPT)		1
1- 19	PS6C8DL01BK	@SCREW (STAKE FASTENER CO)		4
1- 20	UI5934PA-1 (A-184)	.ALTIMETER (UNITED INSTRUMENTS)		1
1- 20	UI5934PA-3	.ALTIMETER (UNITED INSTRUMENTS)		1
1- 20	UI5934PAM-1(A-185)	.ALTIMETER (UNITED INSTRUMENTS) (OPT)		1
1- 20	UI5934PAD-1(A-186)	.ALTIMETER (UNITED INSTRUMENTS) (OPT)		1
1- 20	UI5035P-P24	.ALTIMETER (UNITED INSTRUMENTS) (OPT)		1
1- 20	UI5035P-P50	.ALTIMETER (UNITED INSTRUMENTS) (OPT)		1
1- 20	8140B35MB-LW28	.ALTIMETER (UNITED INSTRUMENTS) (OPT)		1
1- 20	KEA-130A	.ALTIMETER (KING RADIO) (OPT) (ATTACHING HARDWARE SUPPLIED W/INSTRUMENT)		1
1- 20	PS6C18DL01BK	@SCREW (STAKE FASTENER CO)		4
1- 20	NAS487-17	@NUT		4
1- 21	UI7000-C.83	.INDICATOR, VERTICAL SPEED (OPT)(UNITED INSTRUMENTS)		1
1- 21	UI7130-C.82	.INDICATOR, VERTICAL SPEED (OPT)(UNITED INSTRUMENTS)		1
1- 21	UI7120-C.81	.INDICATOR, VERTICAL SPEED (OPT)(UNITED INSTRUMENTS)		1
1- 21	PS6C18DL01BK	@SCREW (STAKE FASTENER CO)		3
1- 21	NAS487-17	@NUT		3
1- 22	WX900	.STORMSCOPE (EVENTIDE) (OPT)		1
1- 22	WX1000+	.STORMSCOPE (EVENTIDE) (OPT)		1
1- 22	WX1000	.STORMSCOPE (EVENTIDE) (OPT)		1
1- 22	ARGUS 500	.MAP DISPLAY (EVENTIDE) (OPT)		1
1- 22	KI-250	.ALTIMETER, RADAR (OPT) (BENDIX KING)		1
1- 22	PS6C18DL01BK	@SCREW (STAKE FASTENER CO)		4
1- 23	930023-311	.SWITCH, LOW BOOST, FUEL	/5	1
1- 23	PS6C6DL01BK	@SCREW (STAKE FASTENER CO)		2
1- 23A	930023-219	.SWITCH, HIGH BOOST, FUEL	/5	1
1- 23A	930028-501	.GUARD, HIGH BOOST SWITCH		1
1- 23A	VR536	.FUEL PUMP REGULATOR (NI) (MASSEY)		1
1- 24	930023-347	.SWITCH, STAND-BY VACUUM	/5	1
1- 24	PS6C6DL01BK	@SCREW (STAKE FASTENER CO)		2
1- 25	930023-305	.SWITCH, PITOT HEAT (OPT)	/5	1
1- 25	PS6C6DL01BK	@SCREW (STAKE FASTENER CO)		2
1- 26	930023-345	.SWITCH, PROP DE-ICE (OPT)	/5	1
1- 26	PS6C6DL01BK	@SCREW (STAKE FASTENER CO)		2
1- 27	930023-309	.SWITCH, ELEVATOR TRIM (OPT W/AUTO PILOT)	/5	1
1- 27	PS6C6DL01BK	@SCREW (STAKE FASTENER CO) (OPT)		2
1- 28	880059-519	.CLUSTER, INSTRUMENT		1
1- 28	PS6C6DL01BK	@SCREW (STAKE FASTENER CO)		3
1- 28	F6000-06	...PLATE NUT (OPT)		3
1- 28	880059-011	..CASE, INSTRUMENT		1
1- 28	205840-3	..CONNECTOR (AMP)		1
1- 28	880059-155	..GAUGE, LH FUEL QTY		1
1- 28	880059-157	..GAUGE, RH FUEL QTY		1
1- 28	610242-001	..TRANSMITTER, FUEL QUANTITY, INBOARD (SEE 28-20-000)		REF
1- 28	610242-005	..TRANSMITTER, FUEL QUANTITY, OUTBOARD (SEE 28-20-00)		REF

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 28	880059-171	..GAUGE,, VOLTS/AMPS		1
1- 28	800270-501	..VOLTAGE REGULATOR	M/	1
1- 28	800379-501	..VOLTAGE REGULATOR	V/	1
1- 28	880059-173	..GAUGE, OIL PRESS		1
1- 28	800383-616	..TRANSDUCER, OIL PRESSURE		1
1- 28	880059-175	..GAUGE, OIL TEMP		1
1- 28	880061-501	...PROBE, OIL TEMP		1
1- 28	880059-177	..GAUGE, CYLINDER HEAD TEMP		1
1- 28	MS24482-1	...PROBE, CYLINDER HEAD TEMP		1
1- 28	AN5546-1	...PROBE, CYLINDER HEAD TEMP (ALT)		1
1- 29	820202-501	..GAUGE, EXH. GAS TEMP		1
1- 29	880005-505	...PROBE, EGT (NI) (ALCOR)		1
1- 29	42525	...HARNESS, THERMOCOUPLE (ALCOR)		1
1- 29	PS6C6DL01BK	..@SCREW		4
1- 29A	880059-117	..GAUGE, OAT		1
1- 29A	880004-501	...PROBE, OAT		1
1- 29A	104-00016	...PROBE, OAT (NORWICH)(ALT)		1
1- 30	880034-513	.TOTALIZER, FUEL, GAL/HR	/3	1
1- 30	880034-515	.TOTALIZER, FUEL, LIT/HR (OPT)	/3	1
1- 30	880034-517	.TOTALIZER, FUEL, LBS/HR (OPT)	/3	1
1- 30	820144-501	.SUPPORT ASSEMBLY, TOTALIZER		1
1- 30	912041	.TOTALIZER (SHADIN)		1
1- 30	912081	.TOTALIZER (SHADIN)		1
1- 30	PS6C4DL01BK	..@SCREW (STAKE FASTENER CO)		4
1- 31	880044-507	.GAUGE, MANIFOLD PRESSURE		1
1- 31	PS8C6DL01BK	..@SCREW (STAKE FASTENER CO)		4
1- 31	NAS487-20	..@NUT		4
1- 32	880039-523	.INDICATOR TACHOMETER		1
1- 32	PS8C6DL01BK	..@SCREW (STAKE FASTENER CO)		4
1- 32	0402-102	..TACH SENSOR (B & D INSTRUMENTS)		1
1- 32	0402-104	..TACH SENSOR (B & D INSTRUMENTS) (ALT)		1
1- 33	800242-503	.INDICATOR, RUDDER TRIM		1
1- 33	PS6C6DL01BK	..@SCREW (STAKE FASTENER CO.)		4
1- 33	880058-001	..LENS, RUDDER TRIM		1
1- 33	800242-003	..DECAL, IDENTIFICATION		1
1- 33	800260-505	..BOX ASSEMBLY		1
1- 33	800242-513	..DISPLAY BOARD		1
1- 33	800242-515	..BOARD, ANALOG/DIGITAL		1
1- 33	AN515-4R7	..@SCREW		4
1- 33	RN-4-125	..@SPACER, NYLON (SPC TECH)		4
1- 33	AN936-A4	..@WASHER		4
1- 33	B09490-A005	..@NUT (MOTOROLA)		4
1- 33	126-219	..CONNECTOR (AMPHENOL)		1
1- 34	880052-119	.SWITCH, RUDDER TRIM, LH-RH		1
1- 34	PS6C5DL01BK	..@SCREW (STAKE FASTENER CO)		2
1- 35	SB1DDX492-2	.SWITCH, GEAR OVERRIDE (CUTLER-HAMMER) (ATTACHING HARDWARE SUPPLIED W/SWITCH)		1
1- 36	8906K2875	.SWITCH, LANDING GEAR (CUTLER-HAMMER)		1
1- 36	53-2004	..KNOB (ATTACHING HARDWARE SUPPLIED W/SWITCH)		1
1- 37	800242-501	.INDICATOR, FLAP/TRIM		1
1- 37	PS6C5DL01BK	..@SCREW (STAKE FASTENER CO.)		4
1- 37	880060-001	..LENS, FLAP/TRIM		1

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 37	800242-001	..DECAL, IDENTIFICATION		1
1- 37	800260-501	..BOX ASSEMBLY		1
1- 37	800242-507	..DISPLAY BOARD, TRIM		1
1- 37	800242-509	..BOARD, ANALOG/DIGITAL, TRIM		1
1- 37	AN515-4R7	..@SCREW		4
1- 37	RN-4-125	..@SPACER, NYLON (SPC TECH)		4
1- 37	AN936-A4	..@WASHER		4
1- 37	B09490-A005	..@NUT (MOTOROLA)		4
1- 37	800240-507	..DISPLAY BOARD, FLAP		1
1- 37	800242-511	..BOARD, ANALOG/DIGITAL, FLAP		1
1- 37	AN515-4R7	..@SCREW		4
1- 37	RN-4-125	..@SPACER, NYLON (SPC TECH)		4
1- 37	AN936-A4	..@WASHER		4
1- 37	B09490-A005	..@NUT (MOTOROLA)		4
1- 37	D53018	..LOCK POST		2
1- 37	DA15P	..CONNECTOR		1
1- 38	820331-009	PANEL, RADIO SUPPORT (SEE 53-10-04)		REF
1- 39	880048-511	.PANEL, ANNUNCIATOR		1
1- 39	FH6C10DL01BK	.@SCREW (STAKE FASTENER CO)		4
1- 39	880048-625	..LEGEND, ANNUNCIATOR - U.S.		1
1- 39	880048-627	..LEGEND, ANNUNCIATOR - FRENCH (ALT)		1
1- 40	820331-015	PANEL, RADIO SUPPORT (SEE 53-10-04)		REF
1- 41	KA51B	.CONTROL, SLAVING (KING RADIO)(OPT)		1
1- 41	PS6C8DL01BK	.@SCREW (STAKE FASTENER CO)		4
1- 42	A/M344-1	INDICATOR, STAND-BY VAC. CHECK (SEE 37-00-00)		REF
1- 43	800299-503	LIGHT CONTROL, RHEOSTAT		1
1- 44	800336-503	.LIGHTER, CIGAR (ATTACHING HDW SUPPLIED W/LIGHTER)		1
1- 45	820327-513	PANEL, CIRCUIT BREAKER (SEE 53-10-04)		REF
1- 45	150052	FACEPLATE, C/B PANEL	/4	1
1- 46	452-0132	.SWITCH, ELT (AIRTEX) (ATTACHING HARDWARE SUPPLIED W/SWITCH)		1
1- 47	880052-127	.SWITCH, BAT-1/BAT-2		1
1- 47	PS6C6DL01BK	.@SCREW (STAKE FASTENER CO)		2
1- 48	A-30	.ISOCOM (OPT)(DAVID CLARK)		1
1- 49	AVIONICS	.AVIONICS/NAV. OPTIONS		AR
1- 50	930023	.SWITCH (OPT)	/5	AR
1- -	800299-501	LIGHT CONTROL BOX (ELECTRONIC DIMMER)(NI)	/2	1
1- -	23-110C-5A	INVERTER (AID/R.C. ALLEN)(NI)	/2	1
1- -	810088	AVIONICS/ELECT. INTERFACE (NI)		REF
1- -	810150	RADIO SYSTEMS INSTALLATION (NI)		REF
1- -	810202	AVIONICS/AUTOPILOT INTERFACE (NI)		REF

EFFECTIVITIES:

- I 29-0001 THRU 29-TBA
- II 29-0001 THRU 29-0167
- III 29-0168 THRU 29-TBA
- IV 29-0001 THRU 29-0182, 29-0184 THRU 29-0199
- V 29-0200 THRU 29-TBA

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
FIG-ITEM				

NOTES:

1. FOR AIRCRAFT EQUIPPED WITH TEXAS INSTRUMENTS CIRCUIT BREAKER, USE 930023-003 SWITCH, OTHERWISE USE 930023-243 SWITCH.
2. LOCATED ON AFT SIDE OF BAGGAGE COMPARTMENT BLKHD.
3. SEE 28-20-00 FOR TRANSDUCER CALLOUT.
4. PLACARD/FACEPLATE PART NUMBERS MAY VARY FOR EACH AIRCRAFT. CONTACT SERVICE PARTS DEPARTMENT FOR IDENTIFICATION.
5. PART #930023-2XX ARE WHITE SWITCHES W/BLACK LETTERING. PART #930023-3XX ARE BLACK SWITCHES W/WHITE LETTERING.

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

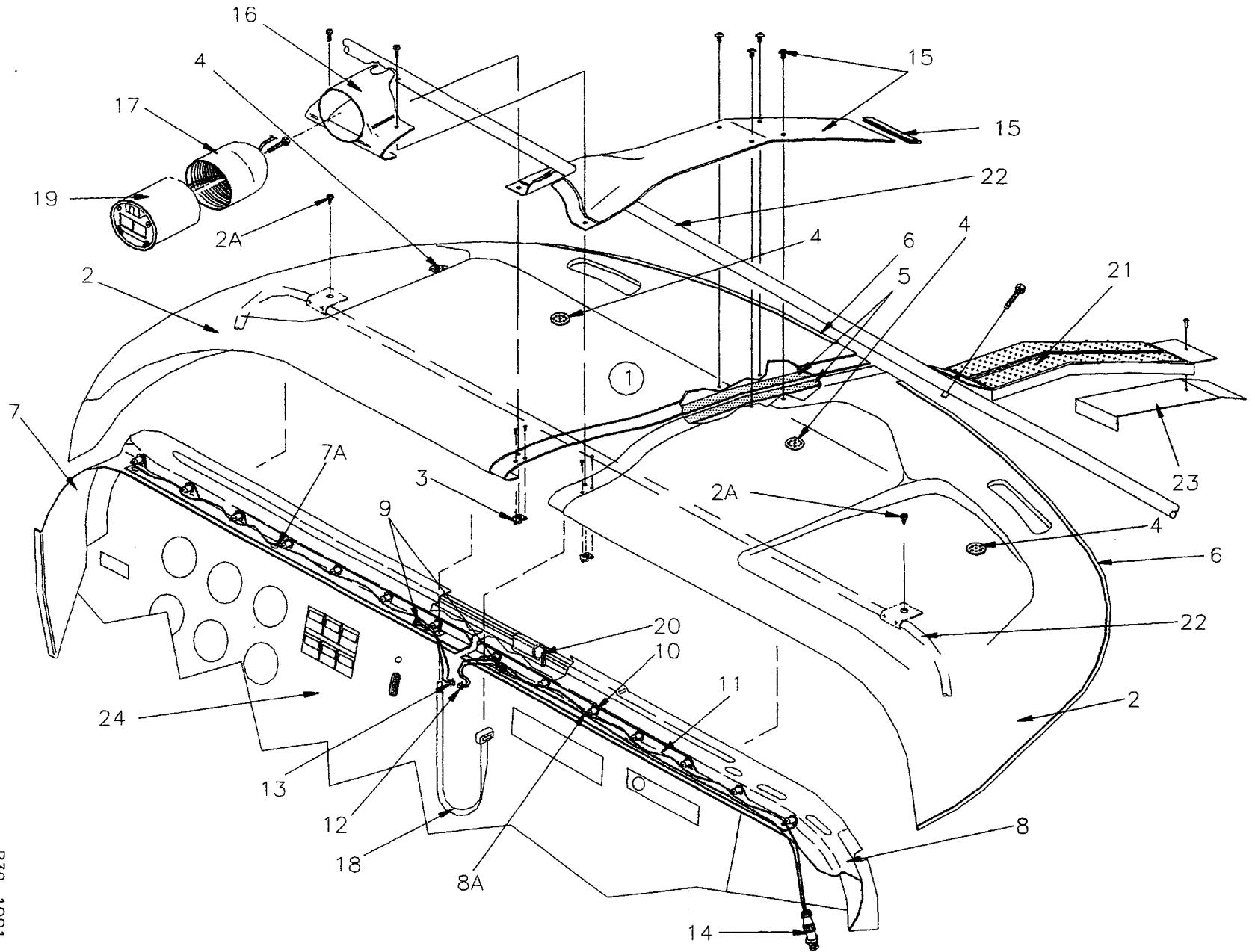


FIGURE 2 - GLARESHIELD & MAGNETIC COMPASS INSTALLATION

R39-1001

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
39-10-01				
2- 1	130320-501	GLARESHIELD ASSEMBLY & INSTALLATION (SEE 25-00-00)		REF
2- 2	130320-015	..GLARESHIELD ASSEMBLY, LH	/	1
2- 2	130320-031	..GLARESHIELD ASSEMBLY, LH	III	1
2- 2	130320-015	..SHIELD, LH	/	1
2- 2	130320-029	..SHIELD, LH	III	1
2- 2	130320-013	..GLARESHIELD ASSEMBLY, RH		1
2- 2A	PSW8SM12DLO1BK	..@SCREW		1
		..NUT PLATE		1
2- 3	MS21073L08	..@RIVET		2
2- 4	#2707	..PLUG, VENT		2
2- 4	#8001	..ADHESIVE (3M) (NI)		AR
2- 5	SJ3537	..@HOOK, VELCRO		AR
2- 6	#547	..TAPE, TEFLON		AR
2- 7	130320-019	..LIGHT TRAY ASSEMBLY, LH	/3	1
2- 7	130320-023	...LIGHT ASSEMBLY, LH		1
2- 7	130323-013RETAINER, LH		1
2- 7	#4400	..@ADHESIVE (UNIWELD)		AR
2- 7A	1691-0410	..@RIVET		3
2- 7A	AN960-4L	..@WASHER	/2	3
2- 8	130320-017	..LIGHT TRAY ASSEMBLY, RH	/3	1
2- 8	130320-025	...LIGHT ASSEMBLY, RH		1
2- 8	130323-015RETAINER, RH		1
2- 8	#4400	..@ADHESIVE (UNIWELD)		AR
2- 8A	1691-0410	..@RIVET		3
2- 8A	AN960-4L	..@WASHER	/2	3
2- 9	AN363-632NUT		1
2- 9	AN507-632R5SCREW		1
2- 9	AN960-6LWASHER		1
2- 10	130285-003	...LAMP HOLDER, LH/RH		14
2- 10	#327	...BULB, LAMP, LH/RH		14
2- 11	TFT-200/16	...TUBING (BETWEEN EACH LAMP)		AR
2- 12	1-480318-0	...RECEPTACLE, LIGHT HARNESS		1
2- 12	60619-1	...SOCKET, LIGHT HARNESS		1
2- 13	1-480319-0	...PLUG, LIGHT HARNESS		1
2- 13	60620-1	...PINS, LIGHT HARNESS		1
2- 14	206153-1	...RECEPTACLE, LIGHT HARNESS		1
2- -	Y9473	..@TAPE, ADHESIVE (NI) (3M)		AR
2- 15	130320-021	..COVER ASSEMBLY		1
2- 15	#547	..TAPE, TEFLON		AR
2- 15	PSW4SM10DL01BK	..@SCREW		4
		..COMPASS CLOSE OUT ASSEMBLY	/1	1
2- 16	130320-007	..CLOSEOUT, COMPASS	/1	1
2- 17	130323-021	..CUP, COMPASS	/1	1
2- 17	#606	..@ADHESIVE, EPOXICAL (US GYPSUM)	/1	AR
2- 17	BERKSHIRE 850	...LEATHER, BLACK (GARRETT LEATHER CO)	/1	AR
2- 17	HYBOND 12	...@ADHESIVE (PIERCE & STEVENS)	/1	AR
2- 17	PSW8C10DL01BK	..@SCREW		2
2- 18	PLT4S-0	.CABLE TIE, BLACK (PANDUIT)		1

39-10-01

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MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
2- 19	C-2200-L4	..COMPASS		1
2- 19	#327	..LAMP, COMPASS (GE)		1
2- 19	MS35489-1	..GROMMET		1
2- 19	AN515B8R8	..@SCREW		1
2- 19	AN936A10	..@WASHER		1
2- 19	DEA900020/FEMALE	..PLUG		1
2- 19	DEA900020/MALE	..RECEPTACLE		1
2- 20	BA189-139	..SEAL, BULB (BROWN A/C CO.)		1
2- 20	1300L	..@ADHESIVE (3M)		AR
2- 21	130323-023	..BRACKET, SUPPORT		1
2- 21	SJ3536	..LOOP, VELCRO		AR
2- 21	NAS623-2-19	..@SCREW (SEE 53-10-02)(HOLDS SUPPORT TO TUBULAR)		1
2- 22	1691-0410	..@RIVET (AVEX) (SUPPORT TO COWL DECK)		1
2- 22	340293	TUBULAR STRUCTURE (SEE 53-10-01)		REF
2- 23	3210310-005	COWL DECK (SEE 53-10-00)		REF
2- 24	820131	PANEL, INSTRUMENT (SEE 39-10-00)		REF

EFFECTIVITIES:

- I 29-0001 THRU 29-0169
- II 29-0170 THRU 29-TBA

NOTES:

1. COMPASS CLOSEOUT ASSEMBLY, 130320-907 IS BONDED UNIT CONSISTING OF 130320-007, 130323-021 BONDED TOGETHER WITH #606 EPOXICAL ADHESIVE & LEATHER COVER, BONDED WITH HYBOND 12.
2. AN960-4L WASHERS (3 ea.) MAY BE DELETED, IF DESIRED.
3. SOME AIRCRAFT WILL HAVE A SPLICE INSTALLED BETWEEN LIGHT TRAYS AND UNDER COMPASS, TO CLOSE OUT ORIGINAL LIGHT TRAY GAP. FOUR SCREWS, P/N PS4SM10L01BK, WILL HOLD SPLICE IN PLACE.

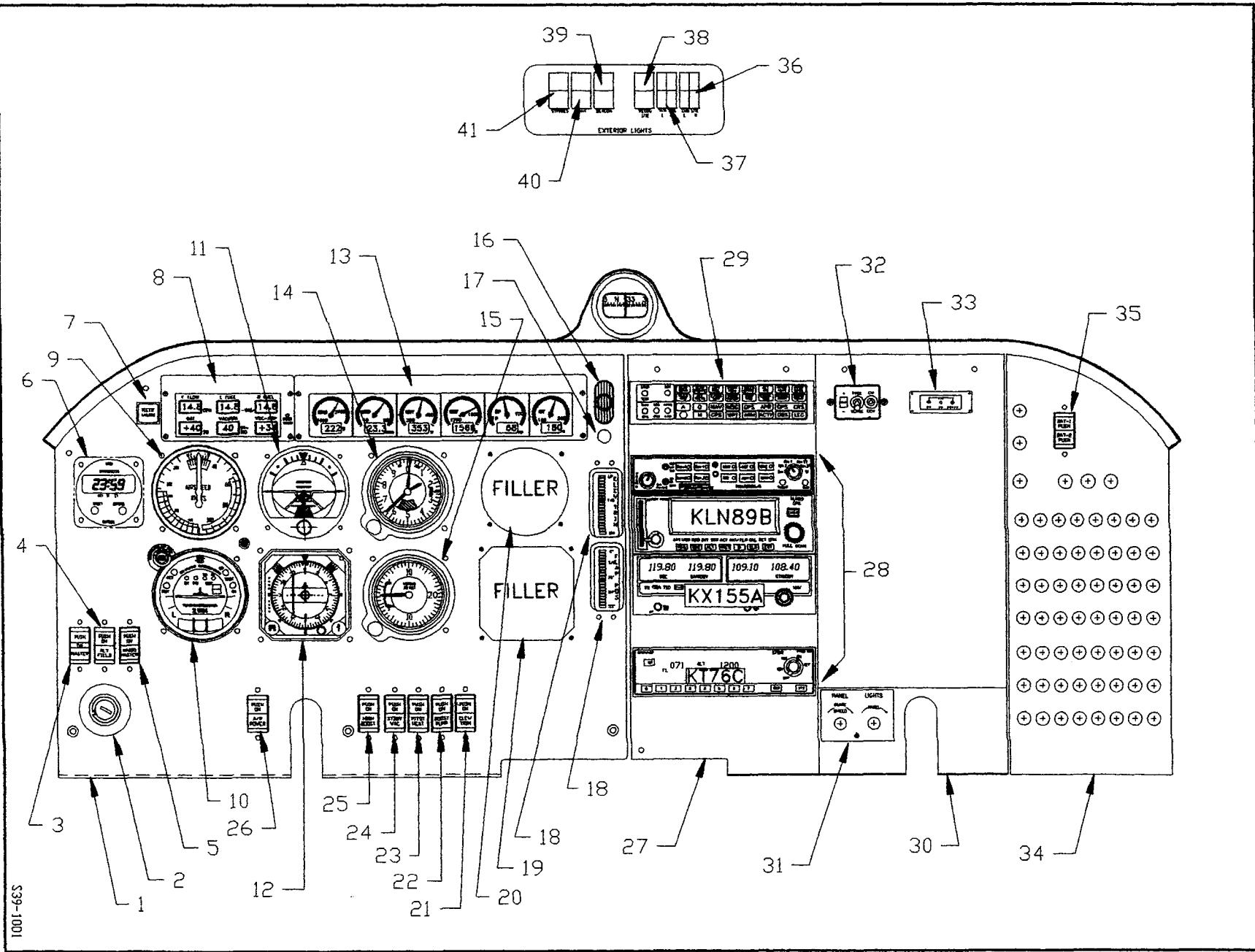
MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY

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MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

FIGURE 3 - INSTRUMENT INSTALLATION (M20S)



S39-1001

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
39-10-02				
1- -	820340-000	INSTRUMENT INSTALLATION (SEE 00-00-00)	I/	REF
1- 1	820339-501	PANEL, PILOT'S (SEE 53-10-04)		REF
1- 2	10-357210-9	.MAGNETO/STARTER SWITCH (TCM)		1
1- 3	880052-501	.SWITCH, MASTER		1
1- 3	PS6C6DL01BK	..@SCREW		2
1- 4	880052-503	.SWITCH, ALTERNATOR FIELD		1
1- 4	PS6C6DL01BK	..@SCREW		2
1- 5	930023-313	.SWITCH, RADIO MASTER		1
1- 5	PS6C6DL01BK	..@SCREW		2
1- 6	M800	.CLOCK, DAVTRON		1
1- 6	PS6C8DL01BK	..@SCREW		4
1- 7	A3BA-7011-1	.LIGHT, MASTER WARNING (OMRON)		1
1- 8	880093-507	.INSTRUMENT PACKAGE, DIGITAL (MORITZ)	/1	1
1- 8	141PC15G	..TRANSDUCER, VACUUM PRESSURE (SEE 37-00-00)		REF
1- 8	PS6C14DL01BK	..@SCREW		4
1- 8	820341-001	..NUT, INSTRUMENT MOUNTING		2
1- 8	820341-003	..NUT, INSTRUMENT MOUNTING		1
1- 9	820308-541	.INDICATOR, AIRSPEED		1
1- 9	PS6C18DL01BK	..@SCREW (STAKE FASTENER CO)		3
1- 9	NAS487-17	..@NUT		3
1- 10	1394T100-3Z	.COORDINATOR, TURN (STEC)		1
1- 10	01260-8-0-28	.COORDINATOR, TURN (ALT)(ELECTRIC GYRO CORP.)		1
1- 10	PS6C18DL01BK	..@SCREW (STAKE FASTENER CO)		3
1- 10	NAS487-17	..@NUT		3
1- 11	820192-505	.HORIZON, ARTIFICAL		1
1- 11	PS6C14DL01BK	..@SCREW		4
1- 12	6443	.INDICATOR, HORIZONTAL SITUATION (STEC)		1
1- 12	PS6C14DL01BK	..@SCREW (STAKE FASTENER CO)		3
1- 13	880093-505	.INSTRUMENT PACKAGE, DIGITAL (MORITZ)	/2	1
1- 13	PS6C14DL01BK	..@SCREW		4
1- 14	UI5934PA-3	.ALTIMETER (UNITED INSTRUMENTS)		1
1- 14	UI5934PA-1	.ALTIMETER (ALT)(UNITED INSTRUMENTS)		1
1- 14	UI5934PAM-1(A-185)	..ALTIMETER (ALT)(UNITED INSTRUMENTS)		1
1- 14	UI5035-P50	..ALTIMETER (ALT)(UNITED INSTRUMENTS)		1
1- 14	UI5934PAD-1(A-186)	..ALTIMETER (ALT)(UNITED INSTRUMENTS)		1
1- 14	UI5035-P24	..ALTIMETER (ALT)(UNITED INSTRUMENTS)		1
1- 14	8140B-35-MB-LW-28	..ALTIMETER (ALT)(UNITED INSTRUMENTS)		1
1- 14	PS6C18DL01BK	..@SCREW		3
1- 14	NAS487-17	..@NUT		3
1- 15	UI7000-C.83	.INDICATOR, VERTICAL SPEED (UNITED INSTRUMENTS)		1
1- 15	UI7130-C.82	.INDICATOR, VERTICAL SPEED (ALT)(UNITED INSTRUMENTS)		1
1- 15	UI7120-C.81	.INDICATOR, VERTICAL SPEED (ALT)(UNITED INSTRUMENTS)		1
1- 15	PS6C18DL01BK	..@SCREW (STAKE FASTENER CO)		3
1- 15	NAS487-17	..@NUT		3
1- 16	8906K2875	.SWITCH, GEAR (CUTLER-HAMMER)		1
1- 17	SB1DDX492-2	.SWITCH, OVERRIDE		1
1- 18	800242-501	.INDICATOR, TRIM-FLAP (OPT)		1
1- 18	PS6C6DL01BK	..@SCREW		4
1- 19	WX-950	.STROMSCOPE (OPT)(B.F. GOODRICH)		1

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
FIG-ITEM				
1- 19	PS6C14DL01BK	..@SCREW		4
1- 20	RCR 650	.ADF (OPT)(STEC)		1
1- 20	PS6C8DL01BK	..@SCREW		3
1- 20	NAS487-17	..@NUT		3
1- 21	930023-309	.SWITCH, TRIM (OPT)		1
1- 21	PS6C6DL01BK	..@SCREW		2
1- 22	930023-311	.SWITCH, BOOST PUMP		1
1- 22	PS6C6DL01BK	..@SCREW		2
1- 23	930023-305	.SWITCH, PITOT HEAT		1
1- 23	PS6C6DL01BK	..@SCREW		2
1- 24	930023-347	.SWITCH, STANDBY VACUUM		1
1- 24	PS6C6DL01BK	..@SCREW		2
1- 25	930023-219	.SWITCH, HIGH BOOST		1
1- 25	930028-501	..SWITCH, GUARD ASSEMBLY		1
1- 25	PS6C8DL01BK	...@SCREW		2
1- 26	930023-355	.SWITCH, ICE LIGHT (OPT)		1
1- 26	PS6C6DL01BK	..@SCREW		2
1- 27	820331-019	.PANEL, RADIO SUPPORT		1
1- 28	AVIONICS	.AVIONICS/NAV. OPTIONS		1
1- 29	880090-501	.ANNUNCIATOR		1
1- 29	800393-503	..BRACKET INSTALLATION, ANNUNCIATOR	II/	1
1- 29	800393-507	..BRACKET INSTALLATION, ANNUNCIATOR (OPT)	II/	1
1- 29	800393-511	..BRACKET INSTALLATION, ANNUNCIATOR	III/	1
1- 30	820331-019	.PANEL, RADIO/ANNUNCIATOR		1
1- 31	800299-503	.SWITCH, LIGHT DIM CONTROL		2
1- 32	071-1242-01	.ACCESSORY, KA 51B SLAVING		1
1- 33	450004-1H	.SWITCH, ELT (AMERI-KING)(HORIZONTAL)		1
1- 33	450004-1V	.SWITCH, ELT (AMERI-KING)(VERTICAL)(OPT)		1
1- 34	820327-519	.PANEL, CIRCUIT BREAKER		1
1- 35	880052-527	.SWITCH, BATTERY		1
1- 36	880052-121	.SWITCH, LANDING LIGHT		1
1- 36	PS6C6DL01BK	..@SCREW (STAKE FASTENER CO)		2
1- 37	880052-123	.SWITCH, TAXI LIGHT		1
1- 37	PS6C6DL01BK	..@SCREW (STAKE FASTENER CO)		2
1- 38	-	BLANK	-	-
1- 39	-	BLANK	-	-
1- 40	930023-351	.SWITCH, NAV LIGHT		1
1- 40	PS6C6DL01BK	..@SCREW (STAKE FASTENER CO)		2
1- 41	930023-351	.SWITCH, STROBE LIGHT		1
1- 41	PS6C6DL01BK	..@SCREW (STAKE FASTENER CO)		2

EFFECTIVITIES:

- I 30-0001 THRU 30-TBA
- II 30-0001 THRU 30-0003
- III 30-0004 THRU 30-TBA

NOTES:

1. CLUSTER INCLUDES VACUUM-L FUEL-R FUEL-OAT-F FLOW-VDC AMP. MORITZ #A0335
2. CLUSTER GAUGE INCLUDES, MAP-RPM-EGT-CHT-OT-OP GAUGES. GAUGES CAN NOT BE REPLACED INDIVIDUALLY. THE ENTIRE CLUSTER HAS TO BE REPLACED. MORITZ #A0330

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY

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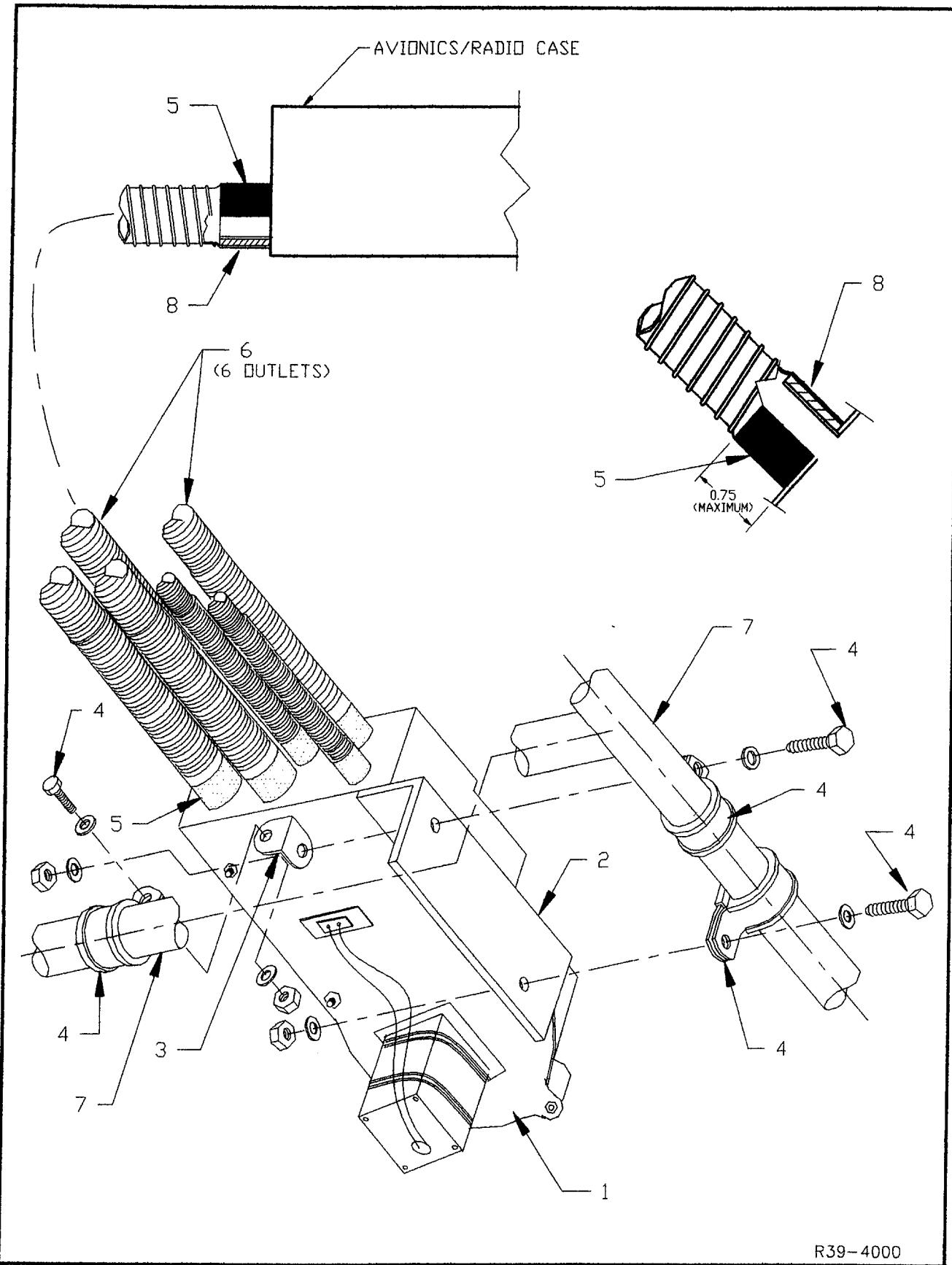


FIGURE 1 - RADIO BLOWER INSTALLATION

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
39-40-00				
1- -	810429-501	RADIO BLOWER INSTALLATION (SEE 95-00-00)		REF
1- 1	KA-0033-01	.BLOWER, RADIO (KING)		1
1- 2	810175-067	.BRACKET (USE EXISTING HARDWARE TO ATTACH BRACKET TO BLOWER)		1
1- 3	MS9592-006	.@CLIP		1
1- 3	AN3-5A	.@BOLT		1
1- 3	AN960-10L	.@WASHER		1
1- 3	MS21042-3	.@NUT		1
1- 4	MS21919WDG10	.@CLAMP		3
1- 4	AN3-5A	.@BOLT		3
1- 4	AN960-10L	.@WASHER		3
1- 4	MS21042-3	.@NUT		3
1- 5	E-52331	.TUBING, HEAT SHRINK (SPC CO)	/1	AR
1- 5	780-3979AFIT-221	.TUBING, HEAT SHRINK (ALT)	/1	AR
1- 6	U62	.DUCTING, POLY/NYLON (.75 INCH ID)	/2	6
1- 6	TYB-2315M	.@TY-RAP (NI)	/3	12
1- 7	340155	TUBULAR STRUCTURE (SEE 53-10-02)		REF
1- 8	PVC-105	.TUBING	/4	AR
1- -	940039	RADIO BLOWER INSTALLATION RETRO-FIT (SEE 95-00-00)		REF

NOTES

1. HEAT SHRINK TUBING SHOULD NOT EXCEED .75 INCH LENGTH AFTER BEING SHRUNK TO DUCTING.
2. DUCTING (2 PLACES) SUPPLIED WITH KA-0033-01 BLOWER. U62 DUCTING USED FOR OTHER 4 PLACES ON BLOWER TUBES.
3. SECURE DUCTING TO TUBULAR STRUCTURE ALONG ROUTING TO AVIONICS/RADIO UNIT COOLING TUBE.
4. PVC-105 TUBING (MAX. 1.0 INCH LONG) IS TO BE USED WITH U62 DUCTING ON INSIDE OF DUCT TO ADAPT TO BLOWER TUBES & AVIONICS/RADIO CASE TUBES.

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M20R & M20S - ILLUSTRATED PARTS CATALOG

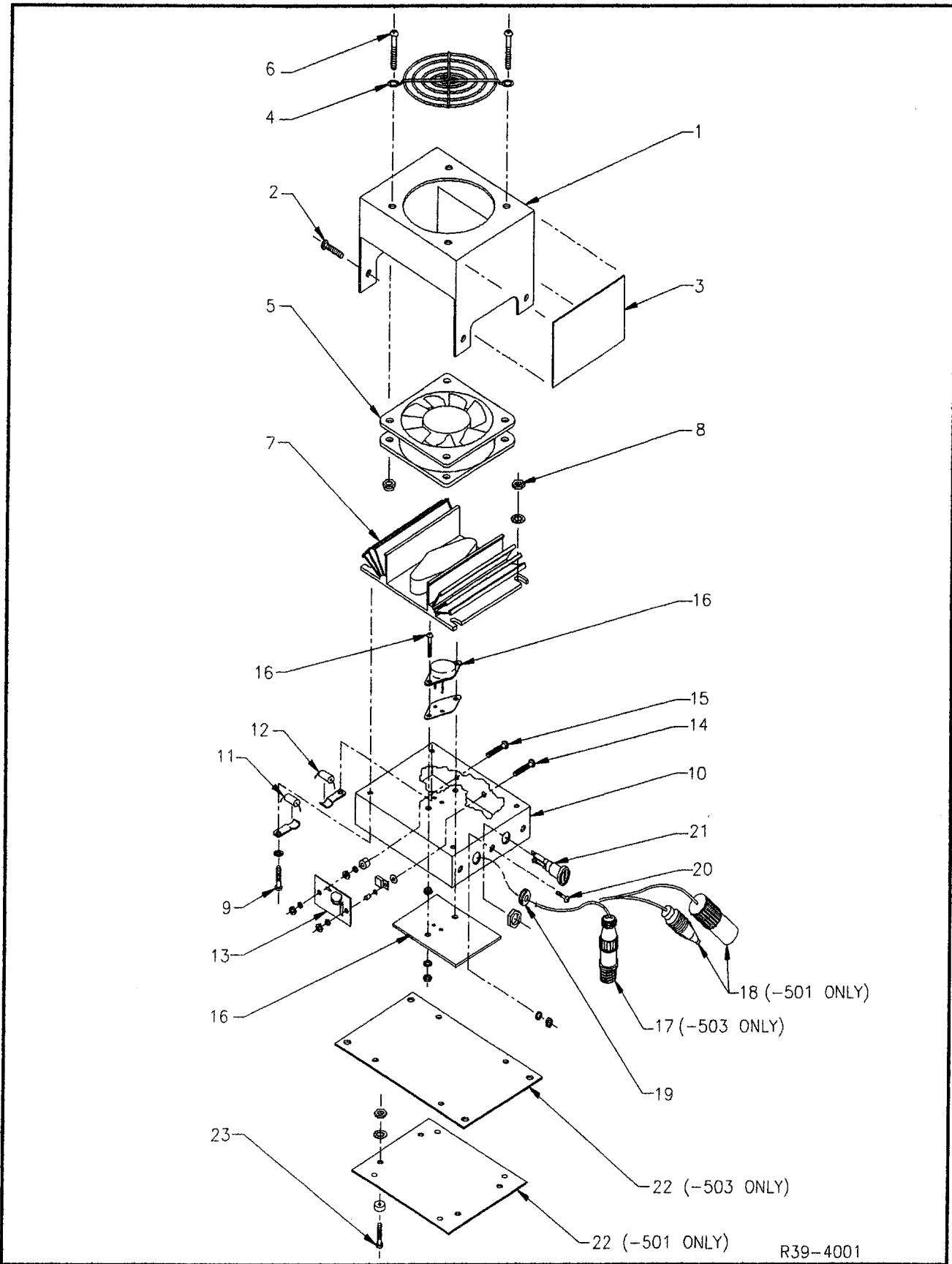


FIGURE 2 - ADAPTER, 14/28 VOLT

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
39-40-01				
1 - 800156-501	ADAPTER, 28/14 VOLT, PORTABLE		REF	REF
1 - 800156-503	ADAPTER, 28/14 VOLT, FIXED (SEE 95-00-00)		1	
1- 1 800156-505	.ENCLOSURE, FAN		4	
1- 2 MS35206-229	.@SCREW		4	
1- 2 AN960-6	.@WASHER		4	
1- 2 AN340-6	.@NUT		4	
1- 3 800156-011	.DECAL (800156-501 ONLY)		1	
1- 3 800156-012	.DECAL (800156-503 ONLY)		1	
1- 4 08138	.GUARD, FAN (FAN-S)		1	
1- 5 8414	.FAN (PAPST)		1	
1- 6 MS35206-235	.@SCREW		4	
1- 6 AN960-4	.@WASHER		4	
1- 6 AN340-4	.@NUT		4	
1- 7 800156-009	.HEAT SINK (WAKEFIELD)		1	
1- 7 8909NB	.COVER, TRANSISTOR (THERMALLOY)		1	
1- 8 MS35206-229	.@SCREW		2	
1- 8 AN960-6	.@WASHER		2	
1- 8 AN936-A6	.@WASHER, LOCK		2	
1- 8 AN340-6	.@NUT		2	
1- 9 MS35206-229	.@SCREW		2	
1- 9 800156-021	.@CLAMP, SENSOR		2	
1- 9 AN960-6	.@WASHER		2	
1- 9 AN936-A6	.@WASHER, LOCK		2	
1- 9 AN340-6	.@NUT		2	
1- 10 800156-001	.BOX		1	
1- 11 MTS-75-A	.THERMOSTAT (800156-501 ONLY)		1	
1- 11 MTS-90-A	.THERMOSTAT (800156-503 ONLY)		1	
1- 12 MTS-35-A	.THERMOSTAT		1	
1- 13 800156-007	.BOARD, OVERVOLTAGE PROTECTION		1	
1- 14 MS35206-216	.@SCREW		1	
1- 14 1909	.@SPACER, STEEL (KEYSTONE)		1	
1- 14 AN960-4	.@WASHER		2	
1- 14 AN340-4	.@NUT		2	
1- 15 MS35206-216	.@SCREW		1	
1- 15 1200-07FG-58	.@INSULATOR (SPC TECH)		1	
1- 15 2N6401	.@TRANSISTOR		1	
1- 15 B51547F019	.@BUSHING, NYLON (MOTOROLA)		1	
1- 15 RN-4-125	.@SPACER, NYLON		1	
1- 15 AN960-4	.@WASHER		1	
1- 15 AN340-4	.@NUT		1	
1- 16 LM338K	.TRANSISTOR (800156-501 ONLY)		1	
1- 16 2N5884	.TRANSISTOR (800156-503 ONLY)		1	
1- 16 800156-003	.BOARD, PC (800156-501 ONLY)		1	
1- 16 800156-005	.BOARD, PC (800156-503 ONLY)		1	
1- 16 MS35206-231	.@SCREW		2	
1- 16 175-6-330-P	.@INSULATOR, T03 (WAKEFIELD)		1	
1- 16 800156-009	.@HEAT SINK (WAKEFIELD)		1	
1- 16 11-466-C/6526-C	.@WASHER, SHOULDER		2	
1- 16 AN936-A8	.@WASHER, LOCK		2	
1- 16 AN340-8	.@NUT		2	
1- 17 206153-1	.RECEPTACLE, 4-PIN (AMP) (800156-503 ONLY)		1	

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 17	206062-1	.CLAMP, 4-PIN (AMP) (800156-503 ONLY)		1
1- 17	201578-1	.PIN, 24-20 GA (AMP) (800156-503 ONLY)		4
1- 17	201336-1	.PIN, 18-16 GA (AMP) (800156-503 ONLY)		4
1- 18	212701	.CORD ASSEMBLY (CASCO) (800156-501 ONLY)		1
1- 19	AN931-6-10	.GROMMET		1
1- 20	503-169	.LUG, SOLDER		1
1- 20	MS35206-242	@SCREW		1
1- 20	AN960-8	@WASHER		1
1- 20	AN340-8	@NUT		1
1- 21	345631A	.FUSEHOLDER (LITTELFUSE)		1
1- 22	800156-015	.PLATE, BASE (800156-501 ONLY)		1
1- 22	800156-017	.PLATE, BASE (800156-503 ONLY)		1
1- 22	1691-0410	@RIVET		4
1- 23	43F475	.FOOT, RUBBER (SPC TECH) (800156-501 ONLY)		4
1- 23	MS35206-229	@SCREW (800156-501 ONLY)		4
1- 23	AN960-6	@WASHER (800156-501 ONLY)		4
1- 23	AN340-6	@NUT (800156-501 ONLY)		4

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SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY

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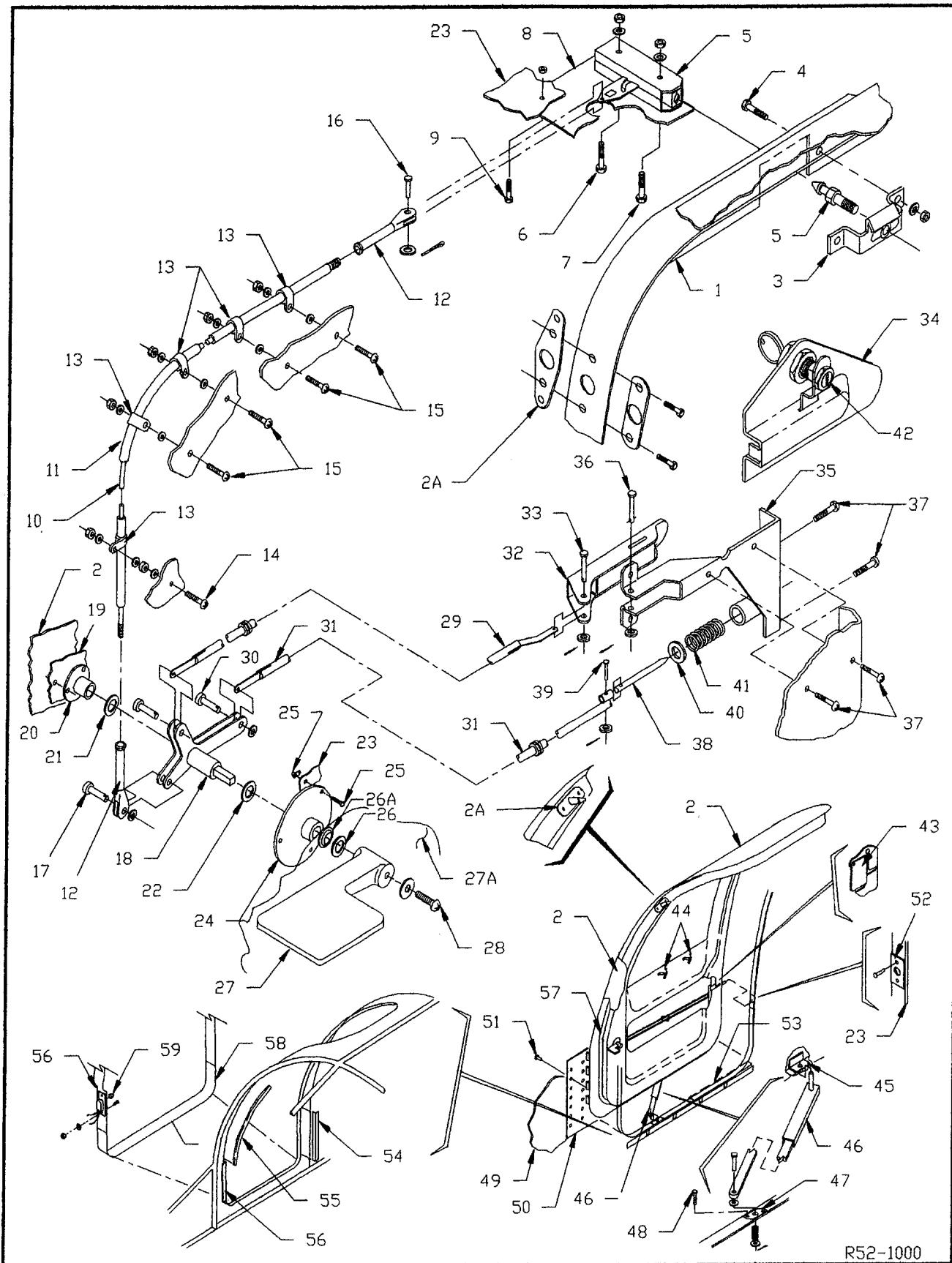


FIGURE 1 - CABIN DOOR ASSEMBLY

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
52-10-00				
1- -	340124-515	DOOR ASSEMBLY, CABIN (SEE 53-10-00)		REF
1- 1	310225-505	.FRAME ASSEMBLY, DOOR		1
1- 1	310225-011	..FRAME		1
1- 1	340234-501	..PLATE, UPPER FORWARD GUIDE PIN		1
1- 1	MS20426AD3	..@RIVET		2
1- 1	340233-001	..STRIKER, UPPER FORWARD GUIDE PIN		1
1- 1	MS24693-50	..@SCREW		2
1- 1	913043-001	..BRACKET, UPHOLSTERY		9
1- 1	340124-013	..SPACER (NI)		AR
1- 1	340076-007	..SHIM (NI)		AR
1- 1	340076-015	..SHIM (NI)		AR
1- 2	340124-041	.SKIN, UPPER		1
1- 2	340124-025	.SKIN, LOWER		1
1- 2A	340231-501	.PIN, GUIDE, CABIN DOOR & FRAME		1
1- 2A	340232-501	.PLATE, ANCHOR, PIN, CABIN DOOR		1
1- 2A	MS24693-50	..@SCREW		2
1- 3	310308-501	.SUPPORT ASSEMBLY		1
1- 3	310308-005	..SUPPORT		1
1- 3	310308-001	..SUB ASSEMBLY		1
1- 3	310308-003	...PLATE		1
1- 3	MS21078-4	...NUT PLATE		1
1- 4	MS24694-S52	..@SCREW		2
1- 4	AN960-10	..@WASHER		2
1- 4	AN365-1032	..@NUT		2
1- 5	H-910-15	.LATCH, UPPER DOOR (HARTWELL CORP)		1
1- 6	AN3-12A	..@BOLT		1
1- 6	AN960-10	..@WASHER		1
1- 6	AN365-1032	..@NUT		1
1- 6	AN960-10L	..@WASHER		2
1- 7	AN23-19A	..@BOLT, CLEVIS		1
1- 7	AN960-10	..@WASHER		1
1- 7	AN365-1032	..@NUT		1
1- 8	340124-017	.PLATE		1
1- 9	4 x 3/8 PK	..@SCREW		7
1- 9	A6187-4Z-1	..@SPEED NUT		7
1- 9	AN526-1032R6	..@SCREW (NI)		1
1- 9	52LHTA57-02	..@NUT PLATE		1
1- 10	310080-505	.ROD ASSEMBLY, UPPER LATCH CONTROL		1
1- 10	310080-011	..ROD		1
1- 11	310080-007	..HOUSING (SEGMENTED)		3
1- 12	AN665-21R	..TERMINAL, CLEVIS		2
1- 12	AN315-3R	..@NUT		2
1- 13	AN742-5	.CLAMP		5
1- 13	AN735-5	.CLAMP (ALT)		5
1- 13	914025-005	.BUSHING (NI)		1
1- 14	AN526-1032R14	..@SCREW		1
1- 14	AN960-10	..@WASHER		1
1- 14	AN960-10L	..@WASHER		2
1- 14	AN365-1032	..@NUT		1
1- 15	AN526-1032R10	..@SCREW		4

**MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG**

SECTION	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
FIG-ITEM				
1- 15	AN960-10	.@WASHER		4
1- 15	AN960-10L	.@WASHER		4
1- 15	AN365-1032	.@NUT		4
1- 16	AN392-13	.@PIN, CLEVIS		1
1- 16	AN960-4	.@WASHER		1
1- 16	AN380-2-2	.@PIN, COTTER		1
1- 17	AN393-11	.@PIN, CLEVIS		1
1- 17	AN960-10L	.@WASHER		1
1- 17	AN380-2-2	.@PIN, COTTER		1
1- 18	310298-503	.SHAFT ASSEMBLY, CABIN DOOR HANDLE		1
1- 19	340124-029	.DOUBLER		1
1- 20	340277-501	.BEARING ASSEMBLY, DOOR HANDLE		1
1- 21	AN960-516	.WASHER		1
1- 22	AN960-716L	.WASHER		AR
1- 23	340124-043	.DOOR PAN		1
1- 24	310068-000	.COVER, PLATE ASSEMBLY		1
1- 25	AN515-6R6	.@SCREW		3
1- 25	22-NA5-62	.@NUT PLATE		3
1- 26	AN960-716L	.WASHER		1
1- 26A	130271-019	.WASHER, FINISH		1
1- 27	310301	HANDLE INSTALLATION, CABIN DOOR, INTERIOR		REF
1- 27A	130271-085	PANEL		REF
1- 27	310347-501	.HANDLE		1
1- 28	AN526-832R8	.@SCREW		1
1- 28	AN936-A8	.@WASHER		1
1- 29	310304-501	.LINK ASSEMBLY, DOOR HANDLE		1
1- 29	310304-017	..LINK ASSEMBLY		1
1- 29	310304-019	..LINK ASSEMBLY		1
1- 29	310304-011	..TURNBUCKLE ASSEMBLY		1
1- 29	AN316-4L	..NUT, ADJUSTING		1
1- 29	AN316-4R	..NUT, ADJUSTING		1
1- 30	AN393-13	.@PIN, CLEVIS		2
1- 30	AN960-10L	.@WASHER		2
1- 30	AN380-2-2	.@PIN, COTTER		2
1- 31	310304-503	.LINK ASSEMBLY, LATCH		1
1- 31	310304-013	..LINK ASSEMBLY		1
1- 31	310304-019	..LINK ASSEMBLY		1
1- 31	310304-011	..TURNBUCKLE ASSEMBLY		1
1- 31	AN316-4L	..NUT, ADJUSTING		1
1- 31	AN316-4R	..NUT, ADJUSTING		1
1- 32	310300-501	.HANDLE, FLUSH, CABIN DOOR		1
1- 32	310300-003	..SEAL		1
1- 32	1300	..CEMENT (3-M)		AR
1- 33	AN393-25	.@PIN, CLEVIS		1
1- 33	AN960-10	.@WASHER		1
1- 33	AN960-10L	.@WASHER		2
1- 33	AN380-2-2	.@PIN, COTTER		1
1- 34	340276-001	.FILLER, DOOR HANDLE (NI)		1
1- 34	310303-001	.SEAL, FLUSH, DOOR HANDLE		1
1- 34	310303-003	.BACKER, FLUSH, DOOR HANDLE		1
1- 35	310294-501	.HOUSING ASSEMBLY, DOOR LATCH		1
1- 35	MS21047-3	..NUT PLATE (NI)		4
1- 36	AN393-31	.@PIN, CLEVIS		1

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
FIG-ITEM				
1- 36	AN960-10	.@WASHER		1
1- 36	AN380-2-2	.@PIN, COTTER		1
1- 37	AN507-1032R8	@SCREW		4
1- 38	310006-501	.LOCK PIN, LOWER		1
1- 39	AN392-17	.@PIN, CLEVIS		1
1- 39	AN960-4	.@WASHER		1
1- 39	AN380-2-2	.@PIN, COTTER		1
1- 40	960-516	.WASHER		1
1- 41	LC-59G-12	.SPRING (LEE SPRING CO.)		1
1- 42	3786-B	.LOCK & KEY ASSEMBLY (CHICAGO LOCK CO.)		1
1- 42	W0734-009	..WASHER, WAVE SPRING		1
1- 43	340124-031	.DEFLECTOR		1
1- 43	AN960-6	.@WASHER		2
1- 43	1601-0410	.@RIVET		2
1- 44	310334-001	.BRACKET, DOOR PULL ASSEMBLY		2
1- 44	A10-80	.RIVNUT		2
1- 45	310077-000	.BRACKET, HOLD OPEN		1
1- 45	AN526-632R8	@SCREW (NI)		2
1- 45	AN365-632	@NUT (NI)		2
1- 46	310118-503	.HOLD OPEN ARM ASSEMBLY		1
1- 46	AN960-10L	.@WASHER		2
1- 46	AN380-2-2	.@PIN, COTTER		2
1- 46	3502-10-17	.@WASHER, SPRING		1
1- 46	LC-022C-4	@SPRING, COIL		1
1- 47	310139-001	.PLATE ASSEMBLY	I/	1
1- 47	310271-001	.PLATE ASSEMBLY	II/	1
1- 48	AN507-6R7	.@SCREW		2
1- 48	AN365-632	@NUT		2
1- 49	310143	SKIN ASSEMBLY (SEE FIG 13)		REF
1- 50	310061-000	.HINGE, CABIN DOOR		1
1- 50	310061-005	..PIN, HINGE		1
1- 50	PR1321-32	.SEALANT		AR
1- 51	MS24694-55	@SCREW		8
1- 51	AN509-8R8	@SCREW (ALT)		8
1- 51	A8-75	@RIVNUT		8
1- 52	310248-000	.STRIKER PLATE		1
1- 52	AN507-832R8	@SCREW		2
1- 52	AN365-832	@NUT		2
1- 53	310095-000	.UPHOLSTERY SUPPORT		1
1- 54	340078-007	.FAIRING, UPHOLSTERY		1
1- 55	340078-015	.FAIRING, UPHOLSTERY		1
1- 56	340078-029	.FAIRING, UPHOLSTERY		1
1- 57	912042-001	.DOOR SEAL		1
1- 57	BA-189-139	.DOOR SEAL (BROWN A/C CO)(ALT)		11ft
1- 57	4587	@ADHESIVE		AR
1- 58	340078-045	FAIRING, DOOR ASSEMBLY (SEE 25-20-00)		REF
1- 59	800367-501	.SWITCH INSTALLATION		1
1- 59	89F5544	..SWITCH (CARLING)		1
1- 59	800367-001	..BRACKET		1
1- 59	AN507-6R6	@SCREW		2
1- 59	AN960-6	@WASHER		2
1- 59	AN363-632	@NUT		2

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
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EFFECTIVITIES:

- I 29-0001 THRU 29-0025
- II 29-0026 THRU 29-TBA

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY

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**MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG**

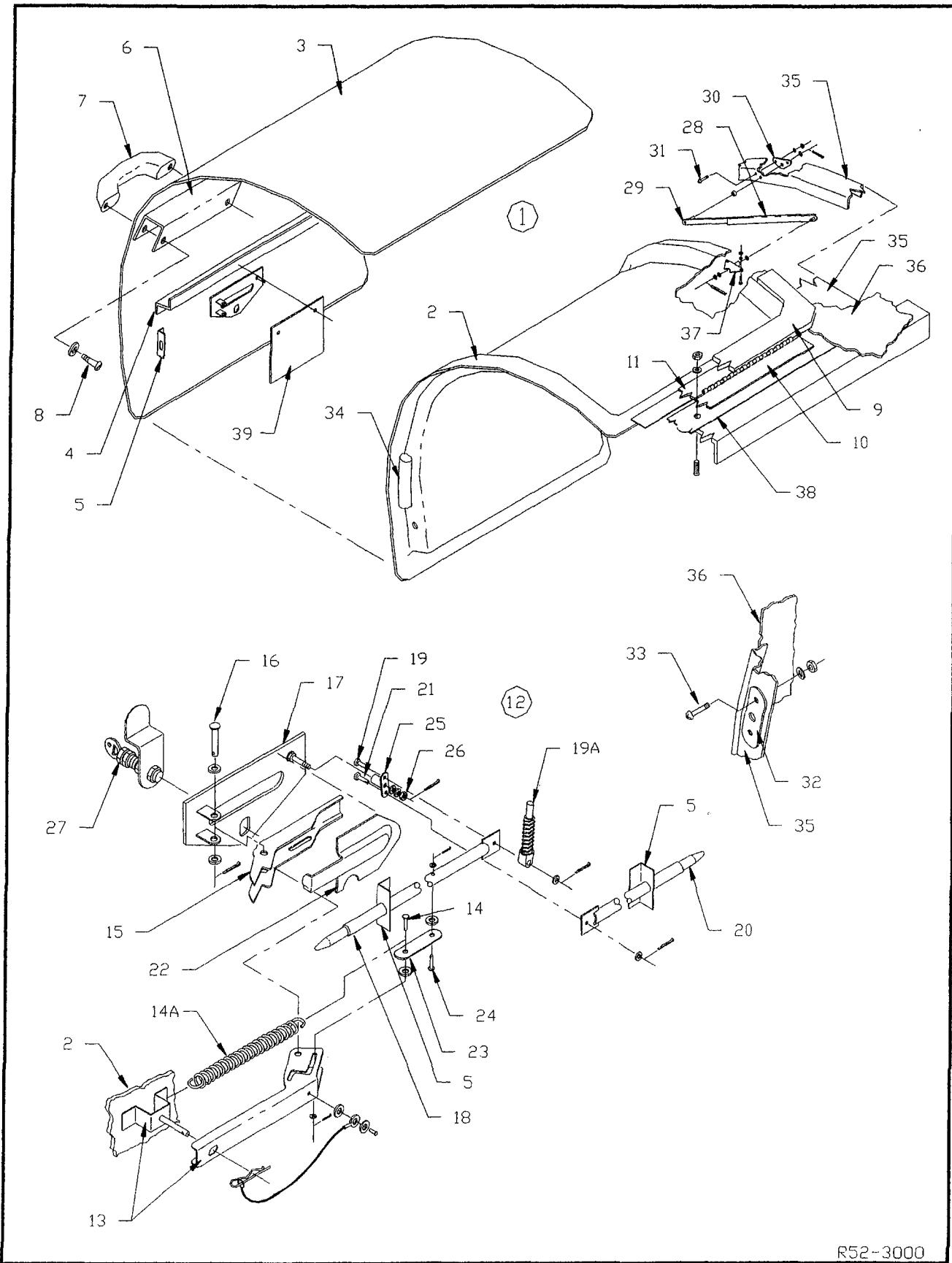


FIGURE 1 - BAGGAGE DOOR ASSEMBLY

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
52-30-00				
1- -	350154-505	BAGGAGE DOOR INSTALLATION (SEE 00-00-00)		REF
1- 1	350090-511	..BAGGAGE DOOR ASSEMBLY		1
1- 2	350038-505	..PANEL		1
1- 3	350197-001	..SKIN, OUTER		1
1- 4	350189-003	..STIFFENER		1
1- 5	310024-000	..GUIDE, LINKAGE		2
1- 6	350189-001	..STIFFENER		1
1- 7	459-26	..HANDLE (AMEROCK)		1
1- 7	2492-315	..HANDLE (ALLEN & ALLEN) (ALT)		1
1- 7	269/088/014	..HANDLE (ALLEN & ALLEN) (ALT)		1
1- 8	AN515-8R24	..@SCREW		2
1- 8	AN936-A8	..@WASHER		2
1- 8	350189-005	..@SPACER		2
1- 9	350090-003	..DOUBLER		1
1- 10	350090-007	..HINGE, HALF		1
1- 10	350090-009	..HINGE, PIN		1
1- 11	350090-011	..HINGE, HALF		1
1- 12	350190-505	..LATCH ASSEMBLY		1
1- 13	350191-009	..HANDLE, EMERGENCY		1
1- 13	350190-003	..LANYARD		1
1- 13	98335A044	..PIN, HITCH		1
1- 13	AN415-4	..PIN, HITCH (ALT)		1
1- 13	350191-007	..CLIP		1
1- 13	AN393-7	..PIN (PRESS FIT)		1
1- 13	AN960-4	..@WASHER		2
1- 13	CR3213-4-3	..RIVET		1
1- 14	350190-001	..@PIN, CLEVIS		1
1- 14	AN960-10L	..@WASHER		2
1- 14	AN380-2-2	..@PIN, COTTER		1
1- 14A	LE-029C-6	..SPRING		1
1- 15	310300-503	..HANDLE, OUTSIDE		1
1- 16	AN393-35	..@PIN, CLEVIS		1
1- 16	AN960-10L	..@WASHER		1
1- 16	AN380-2-2	..@PIN, COTTER		1
1- 17	350192-501	..PLATE ASSEMBLY		1
1- 18	350193-501	..PUSH ROD ASSEMBLY, FORWARD		1
1- 19	AN393-9	..@PIN, CLEVIS		1
1- 19	AN960-10	..@WASHER		2
1- 19	AN380-2-2	..@PIN, COTTER		1
1- 19A	350164-501	..BUMGEE ASSEMBLY		1
1- 19A	LC-047F-7	..SPRING (LEE)(BUMGEE)		1
1- 20	350193-503	..PUSH ROD ASSEMBLY, AFT		1
1- 21	AN393-7	..@PIN, CLEVIS		1
1- 21	AN960-10	..@WASHER		2
1- 21	AN380-2-2	..@PIN, COTTER		1
1- 22	350194-001	..FILLER, DOOR HANDLE		1
1- 22	350195-001	..SEAL		1
1- 23	310009-509	..LEVER, AUXILARY EXIT		1
1- 24	AN392-17	..@PIN, CLEVIS		1
1- 24	AN960-8	..@WASHER		2
1- 24	AN380-2-2	..@PIN, COTTER		1
1- 25	310021-001	..LEVER, ARM		1

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 26	AN310-3	...@NUT, CASTELLATED		1
1- 26	AN960-10	...@WASHER		2
1- 26	AN380-2-2	...@PIN, COTTER		1
1- 27	3786-3	...LOCK/KEY ASSEMBLY(CHICAGO LOCK CO.)		1
1- 27	W0734-009	.SPRING WASHER		1
1- 28	350154-901	.HOLD OPEN ASSEMBLY		1
1- 28	310122-501	.ARM, HOUSING ASSEMBLY		1
1- 28	310121-505	.ARM ASSEMBLY		1
1- 28	310120-007	.ROLLER		1
1- 28	913022-011	.WASHER, BAGGAGE DOOR END		1
1- 28	AN960-10	.@WASHER, BAGGAGE DOOR END		2
1- 28	AN381-2-10	.@PIN, COTTER		1
1- 29	AN960-10L	.@WASHER		1
1- 29	AN381-25-8	.@PIN, COTTER		1
1- 29	914022-021	.BUSHING		1
1- 30	310139-001	.PLATE ASSEMBLY	I/	1
1- 30	310271-1	.PLATE ASSEMBLY	II/	1
1- 31	AN507-6R7	.@SCREW		2
1- 31	AN960-6	.@WASHER		2
1- 31	AN365-632	.@NUT		2
1- 32	350095-000	.STRIKER PLATE, FORWARD/AFT		2
1- 33	AN507-8R6	.@SCREW		4
1- 33	AN960-8L	.@WASHER		4
1- 33	AN364-832	.@NUT		4
1- 34	912042-003	.SEAL		1
1- 34	4587	.@ADHESIVE	AR	
1- 35	350089	FRAME BAGGAGE DOOR(SEE FIG 26)	REF	
1- 36	350160	TAILCONE(SEE FIG 26)	REF	
1- 37	310077-000	.BRACKET ASSEMBLY, HOLD OPEN		1
1- 37	AN515-8R7	.@SCREW		2
1- 37	AN960-8	.@WASHER		2
1- 37	AN365-832	.@NUT		2
1- 38	340078-025	FAIRING, BAGGAGE DOOR (SEE 53-10-03)	REF	
1- 39	340124-031	.DEFLECTOR (WATER PROOFING)		1
1- 39	AN960-6	.@WASHER		2
1- 39	1601-0410	.@RIVET		2

EFFECTIVITIES:

- I 29-0001 THRU 29-0025
- II 29-0026 THRU 29-TBA

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION	PART NUMBER	12345 NOMENCLATURE	EFFECT/ UNITS/ NOTES	ASSY
FIG-ITEM				

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MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

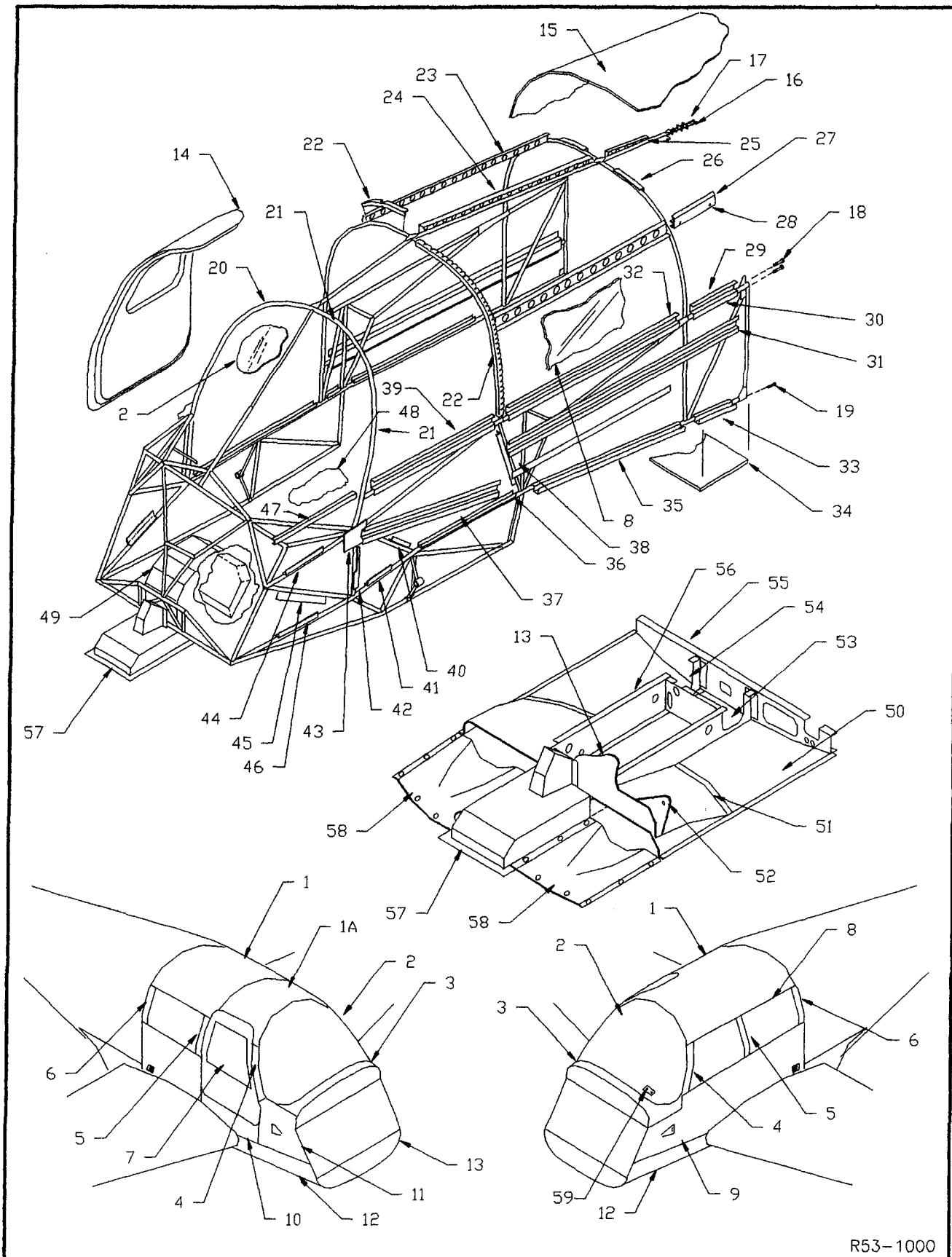


FIGURE 1 - FUSELAGE ASSEMBLY AND CABIN SKINS

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
53-10-00				
1- -	320044-511	FUSELAGE ASSEMBLY (SEE 53-40-00)	/1	REF
1- 1	320044-041	.SKIN, AFT		1
1- 1A	320044-037	.SKIN, FORWARD		1
1- 2	310313-505	.WINDSHIELD ASSEMBLY & INSTALLATION (SEE 56-20-00)		1
1- 3	310310-005	.COWL DECK (SEE 56-20-00)		1
1- 4	310313-005	SKIN, POST, LH (SEE 56-20-00)		REF
1- 4	310313-004	SKIN, POST, RH (SEE 56-20-00)		REF
1- 5	320044-025	.SKIN, POST, LH, FORWARD		1
1- 5	320044-027	.SKIN, POST, RH, FORWARD		1
1- 6	320044-029	.SKIN, POST, LH, AFT		1
1- 6	320044-030	.SKIN, POST, RH, AFT		1
1- 7	340220-501	.WINDOW INSTALLATION, PILOT & CABIN DOOR (SEE 56-20-01)		1
1- 8	320044-013	.WINDOW, REAR, LH (SEE 56-20-01)		1
1- 8	320044-014	.WINDOW, REAR, RH (SEE 56-20-01)		1
1- 9	310349-503	.SKIN ASSEMBLY, LH	I/	1
1- 9	310349-511	.SKIN ASSEMBLY, LH	II/	1
1- 9	310349-007	..SKIN		1
1- 9	640328-503	..DUCT ASSEMBLY		1
1- 9	PR1428	..@SEALANT		AR
1- 9	640247-503	.EXHAUST INSTALLATION, LH (CABIN EXHAUST)		1
1- 9	640296-001	.BAFFLE, LH		1
1- 9	320044-039	.SKIN, RH		1
1- 9	640247-504	.EXHAUST INSTALLATION, RH (CABIN EXHAUST)		1
1- 9	640296-002	.BAFFLE, RH		1
1- 10	310226-000	.SKIN, UNDER CABIN DOOR		1
1- 11	310143-505	.PANEL ASSEMBLY, RH SIDE		1
1- 11	310143-003	..SKIN		1
1- 11	640040-507	..SCOOP ASSEMBLY		1
1- 11	310349-503	.SKIN ASSEMBLY, RH		1
1- 11	310349-501	..SKIN		1
1- 11	640328-501	..DUCT ASSEMBLY		1
1- 11	PR1403-G-B2	..@SEALANT		AR
1- 12	310227-009	.SKIN, LOWER SIDE, LH		1
1- 12	310227-010	.SKIN, LOWER SIDE, RH		1
1- 12	913044-013	.ANGLE, LH/RH		2
1- 12	310330-503	.STRINGER, LH		1
1- 12	310330-504	.STRINGER, RH		1
1- 13	600265-501	.FIREWALL ASSEMBLY (SEE 53-20-00)		1
1- 13	320001-027	.SHIM (BETWEEN FIREWALL & TUBULAR STRUCTURE)		AR
1- 13	AN4-11A	@BOLT		2
1- 13	AN960-416L	@WASHER		2
1- 13	AN363-428	@NUT		2
1- 13	AN3-11A	@BOLT		3
1- 13	AN960-10L	@WASHER		3
1- 13	AN363-1032	@NUT		3
1- 13	AN3-11A	@BOLT		1
1- 13	AN960-10L	@WASHER		1
1- 13	AN363-1032	@NUT		1
1- 14	340124-515	CABIN DOOR ASSEMBLY & INSTALLATION (SEE 52-10-00)		1
1- 15	350160-505	TAILCONE ASSEMBLY (SEE 53-10-03)		1
1- 16	350003	LONGERON (SEE 53-10-03)		REF
1- 17	AN4-6A	@BOLT, LH/RH		2

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
FIG-ITEM				
1- 17	320013-061	.@SHIM		AR
1- 17	320041-037	.@WASHER		2
1- 17	AN363-428	.@NUT		2
1- 18	AN4-6A	.@BOLT, LH/RH		1
1- 18	AN960-416	.@WASHER, LH/RH		1
1- 18	AN363-428	.@NUT, LH/RH		1
1- 19	AN4-20A	.@BOLT, LH/RH		1
1- 19	AN960-416	.@WASHER, LH/RH		1
1- 19	AN363-428	.@NUT, LH/RH		1
1- 20	340155-521	.TUBULAR STRUCTURE ASSEMBLY (SEE 53-10-01)		1
1- 21	310259-001	.BOW, LH		1
1- 21	310259-002	.BOW, RH		1
1- 22	310254-003	.BOW, LH		1
1- 22	310254-501	.BOW, RH		1
1- 23	320044-019	.FORMER, LH		1
1- 23	320044-020	.FORMER, RH		1
1- 24	320044-015	.FORMER, MID		1
1- 25	320044-017	.FORMER, MID AFT		1
1- 26	310337-015	.ANGLE, LH		1
1- 26	310337-016	.ANGLE, RH		1
1- 27	340285-067	.ANGLE, LH (SEE 56-20-01)		1
1- 27	340285-068	.ANGLE, RH (SEE 56-20-01)		1
1- 28	320044-045	.RETAINER, LH (SEE 56-20-01)		1
1- 28	320044-046	.RETAINER, RH (SEE 56-20-01)		1
1- 29	320044-043	.RETAINER, LH (SEE 56-20-01)		1
1- 29	320044-044	.RETAINER, RH (SEE 56-20-01)		1
1- 30	320044-033	.FORMER, LH (SEE 56-20-01)		1
1- 30	320044-034	.FORMER, RH (SEE 56-20-01)		1
1- 31	310337-009	.STIFFENER, LH		1
1- 31	310337-010	.STIFFENER, RH		1
1- 32	310337-011	.ANGLE, LH		1
1- 32	310337-012	.ANGLE, RH		1
1- 32	800113-000	.SUPPORT, LH/RH		2
1- 33	310337-001	.CHANNEL, LH		1
1- 33	310337-002	.CHANNEL, RH		1
1- 34	340298-501	BAGGAGE FLOORBOARD (SEE 53-10-03)		REF
1- 35	310337-003	.CHANNEL, LH		1
1- 35	310337-004	.CHANNEL, RH		1
1- 36	310337-005	.CHANNEL, LH		1
1- 36	310337-006	.CHANNEL, RH		1
1- 37	320033-001	.STIFFENER		1
1- 37	320033-017	.Z-CLIP		2
1- 37	320033-019	.CLIP		1
1- 38	320037-003	.ANGLE, LH		1
1- 39	320009-083	.ANGLE, LH		1
1- 39	800113-000	.SUPPORT, LH		1
1- 40	320046-011	.ANGLE, LH		1
1- 41	320046-009	.ANGLE, LH		1
1- 42	320046-013	.ANGLE, LH		1
1- 42	320041-035	.SHIM, RH		1
1- 43	320041-007	.SHIM, LH		1
1- 43	320041-009	.SHIM, RH		1
1- 44	320046-005	.ANGLE, LH		1

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 44	320046-015	.ANGLE, RH		1
1- 45	320046-003	.BRACKET ASSEMBLY, LH		1
1- 45	A8-75	.RIVNUT		2
1- 45	320046-017	.ANGLE, RH		1
1- 46	320046-007	.CLIP, LH/RH		2
1- 47	310108-509	.CHANNEL ASSEMBLY, LH		1
1- 47	310108-507	.CHANNEL ASSEMBLY, RH		1
1- 47	AN507-632R7	.@SCREW, LH		1
1- 47	AN960-6	.@WASHER, LH		1
1- 47	AN363-632	.@NUT, LH		1
1- 48	340131-507	.FAIRING INSTALLATION, FLOORBOARD TO FIREWALL(SEE 53-20-01)		1
1- 49	310336-501	.WHEELWELL INSTALLATION		1
1- 50	310357-501	.SKIN ASSEMBLY, LH		1
1- 50	310357-502	.SKIN ASSEMBLY, RH		1
1- 50	MS24693-S270	.@SCREW, LH/RH		14
1- 50	310341-005	.SKIN, LH		1
1- 50	310341-006	.SKIN, RH		1
1- 50	MS21061-L08	.NUT PLATE, LH/RH		1
1- 50	MS21061-L3	.NUT PLATE, LH/RH		3
1- 51	310356-501	.EXHAUST CAVITY ASSEMBLY, LH		1
1- 51	310356-502	.EXHAUST CAVITY ASSEMBLY, RH		1
1- 51	MS24693-S270	.@SCREW, LH/RH		22
1- 51	MS35206-245	.@SCREW		2
1- 51	AN980-8L	.@WASHER		2
1- 51	MS24693S48	.@SCREW		2
1- 51	AN935-8	.@WASHER		2
1- 51	MS35649-282	.@NUT		2
1- 51	310348-001	.CLOSEOUT, LH		1
1- 51	310348-003	.CLOSEOUT, RH		1
1- 51	310348-013	.CLOSEOUT, LH		1
1- 51	310348-011	.CLOSEOUT, RH		1
1- 51	310356-011	.SIDE, LH		1
1- 51	310356-012	.SIDE, RH		1
1- 52	310348-505	.PLATE ASSEMBLY,LH		1
1- 52	310348-506	.PLATE ASSEMBLY, RH		1
1- 52	MS21061-L08	.NUT PLATE, LH/RH		2
1- 52	AN507-832R6	.@SCREW		2
1- 52	AN507-832R6	.@SCREW, LH/RH		2
1- 52	310348-007	.CLOSEOUT, LH		1
1- 52	310348-009	.CLOSEOUT, RH		1
1- 52	MS21059-L08K	.NUT PLATE, LH		1
1- 52	MS21061-L08K	.NUT PLATE, RH		1
1- 53	310341-003	.SKIN		1
1- 53	AN507-832R6	.@SCREW		12
1- 54	310343-501	.BULKHEAD ASSEMBLY		1
1- 54	310343-001	.BULKHEAD		1
1- 54	MS21059-L08	.NUT PLATE		4
1- 55	310342-507	.BULKHEAD ASSEMBLY		1
1- 55	NAS1031-A3	.NUT PLATE		6
1- 55	MS21059-L08	.NUT PLATE		4
1- 55	310342-009	.CLIP, UPPER		2
1- 55	310342-011	.CLIP, LOWER LH		1
1- 55	310342-509	.BRACKET ASSEMBLY		1

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 56	310335-501	.STIFFENER ASSEMBLY, LH		1
1- 56	310335-502	.STIFFENER ASSEMBLY, RH		1
1- 56	310335-001	..STIFFENER, LH		1
1- 56	310335-002	..STIFFENER, RH		1
1- 56	MS21059-L08	..NUT PLATE		2
1- 56	NAS1031A08	..NUT PLATE		5
1- 56	AC750-10	.CLAMP, LH/RH		2
1- 56	AN525-832R8	@SCREW, LH/RH		2
1- 56	AN960-8	@WASHER, LH/RH		2
1- 56	AN363-832	@NUT, LH/RH		2
1- 57	600422-505	.NOSE GEAR BOX ASSEMBLY		1
1- 57	600422-031	..SHIM		2
1- 57	600422-011	..COVER, ELMO		1
1- 57	MS35206-242	..@SCREW		3
1- 57	NAS1031A08K	..@NUT PLATE		3
1- 57	600266-001	..FLANGE, COWL ATTACH		1
1- 57	MS35206-243	SCREW, LH/RH (NI)		2
1- 57	AN960-8	.WASHER, LH/RH (NI)		2
1- 57	NAS1031A3K	.NUT PLATE, LH SIDE		2
1- 58	650158-501	.FAIRING ASSEMBLY, LH, EXHAUST & COOLING(SEE 71-10-00)		REF
1- 58	650158-503	.FAIRING ASSEMBLY, RH, EXHAUST & COOLING(SEE 71-10-00)		REF
1- 58	650159-503	.FAIRING ASSEMBLY, RH EXHAUST & COOLING(SEE 71-10-00)	III/ /2	REF 1
1- 59	950267-501	.DEFORMER ASSEMBLY		2
1- 59	AN515-4R7	@SCREW		2
1- 59	AN960-4L	@WASHER		2
1- 59	AN340-4	@NUT		2

EFFECTIVITIES:

- I 29-0001 & 29-0002 ONLY
- II 29-0003 THRU 29-TBA
- III 29-0001 THRU 29-TBA

NOTES:

1. AN530-4R6 SCREWS MAY BE USED IN LIEU OF AVEX 1601-0410 RIVETS TO INSTALL CHANNELS & ANGLES TO TUBULAR STRUCTURE WHERE SPACE WILL NOT PERMIT THE USE OF RIVET INSTALLATION TOOLS.
2. 950267-501 DEFORMER ASSEMBLY. APPEARS ONLY ON THOSE AIRCRAFT HAVING THE RECTANGULAR END CONFIGURATION OF 640315-501 DUCT ASSEMBLY.

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
FIG-ITEM				

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MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

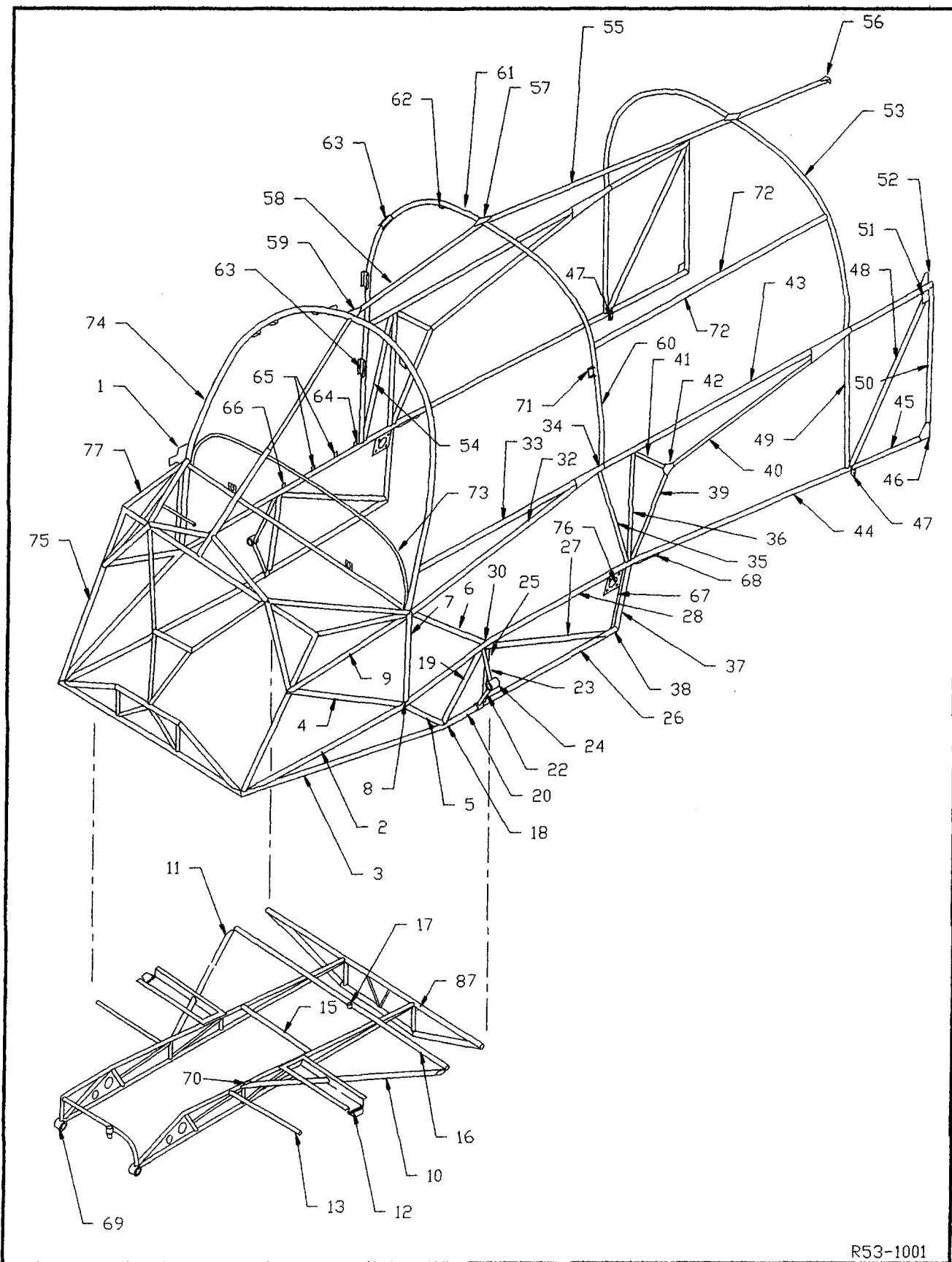


FIGURE 2 - CABIN TUBULAR STRUCTURE

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
53-10-01				
2- -	340155-525	TUBULAR STRUCTURE-FUSELAGE ASSEMBLY (SEE 53-10-00)		REF
2- 1	340264-001	.SUPPORT, CABIN DOOR		1
2- 2	340155-215	.TUBE, LH		1
2- 2	340155-216	.TUBE, RH		1
2- 3	340155-303	.TUBE, LH/RH		2
2- 4	340155-051	.TUBE, LH		1
2- 4	340155-052	.TUBE, RH		1
2- 5	340155-175	.TUBE, LH/RH		2
2- 6	340155-021	.TUBE, LH/RH		2
2- 7	340155-063	.TUBE, LH		1
2- 7	340155-064	.TUBE, RH		1
2- 8	340040-013	.GUSSET, LH		1
2- 8	340040-015	.GUSSET, LH		1
2- 8	340040-008	.GUSSET, RH		2
2- 9	340155-053	.TUBE, LH		1
2- 9	340155-054	.TUBE, RH		1
2- 10	340155-309	.TUBE, LH		1
2- 11	340155-183	.TUBE, RH		1
2- 12	340049-001	.SUPPORT, BRAKE, LH		1
2- 12	340049-002	.SUPPORT, BRAKE, RH		1
2- 12	340155-089	.GUSSET, LH/RH		2
2- 13	340016-001	.PEDAL CONTROL MEMBER, LH		1
2- 13	340016-002	.PEDAL CONTROL MEMBER, RH		1
2- 14		NOT USED		
2- 15	340155-311	.TUBE ASSEMBLY		1
2- 15	710008-002	..TUBE		2
2- 15	340043-001	..LUG (NI)		1
2- 15	913045-011	..TUBE CAP (NI)		1
2- 16	340167-503	.SUPPORT ASSEMBLY, REAR AILERON BELLCRANK		1
2- 17	340167-005	..TUBE		1
2- 17	340167-007	..ARM		1
2- 17	340155-149	..BUSHING		1
2- 18	340178-000	.GUSSET, LH/RH		2
2- 19	340155-007	.TUBE, LH/RH		2
2- 20	340155-299	.TUBE, LH/RH		2
2- 21	340040-007	.GUSSET, LH		1
2- 21	340040-008	.GUSSET, RH		1
2- 21	340040-009	.GUSSET, LH		1
2- 21	340040-010	.GUSSET, RH		1
2- 21	340040-011	.GUSSET, LH/RH		2
2- 22	340031-009	.TUBE, LH/RH		2
2- 23	340031-001	.TUBE, LH		1
2- 23	340031-002	.TUBE, RH		1
2- 24	340031-011	.BEARING BLOCK, LH/RH		2
2- 25	340155-177	.TUBE, LH/RH		2
2- 26	340155-301	.TUBE, LH/RH		2
2- 27	340155-173	.TUBE, LH/RH		2
2- 28	340155-077	.TUBE, LH/RH		2
2- 29	340155-069	.TUBE, LH		1
2- 30	340040-013	.GUSSET, LH		2
2- 31	-	NOT USED		
2- 32	340155-067	.TUBE, LH		1

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
2- 33	340155-195	.TUBE ,LH		1
2- 34	340040-013	.GUSSET, LH		2
2- 35	340155-305	.TUBE, LH		1
2- 36	340155-009	.TUBE, LH/RH		2
2- 37	340048-007	.SHEAR FITTING, LH		1
2- 37	340048-008	.SHEAR FITTING, RH		1
2- 38	340034-007	.FITTING, TENSION, LH		1
2- 38	340034-008	.FITTING, TENSION, RH		1
2- 39	340155-193	.TUBE, LH/RH		2
2- 40	340155-291	.TUBE, LH/RH		2
2- 41	340155-189	.TUBE, LH/RH		2
2- 42	340040-011	.GUSSET, LH/RH		2
2- 43	340155-289	.TUBE, LH/RH		2
2- 44	340155-031	.TUBE, LH WING ATTACH		1
2- 44	340155-032	.TUBE, RH WING ATTACH		1
2- 44	340155-037	.BUSHING, LH/RH		5
2- 45	340155-277	.TUBE, LH/RH		2
2- 46	340177-000	.GUSSET, LH/RH		2
2- 46	340155-169	.TUBE, LH/RH (NI)		2
2- 46	350031-501	.PLATE, LH/RH (NI)		2
2- 47	340035-501	.PLATE, ATTACH, LH/RH		2
2- 47	340035-502	.PLATE, ATTACH, RH		1
2- 48	340155-275	.TUBE, LH/RH		2
2- 49	340155-283	.TUBE, LH/RH		2
2- 50	340155-029	.TUBE, LH		1
2- 50	340155-030	.TUBE, RH		1
2- 51	340155-285	.GUSSET, LH/RH		2
2- 52	340015-000	.ATTACHMENT, FUSELAGE/TAILCONE		2
2- 53	340084-501	.BOW ASSEMBLY, LH		1
2- 53	340084-502	.BOW ASSEMBLY, RH		1
2- 53	340084-001	.BOW, LH/RH		1
2- 53	140206-025	.BRACKET ASSEMBLY, LH/RH		1
2- 54	340155-061	.TUBE, RH		1
2- 55	340155-279	.TUBE		1
2- 56	340201-000	.BRACKET, FUSELAGE/TAILCONE ATTACH, TOP		1
2- 57	340170-501	.BRACKET, ANTENNA		1
2- 58	340155-071	.TUBE		1
2- 59	340024-000	.GUSSET		4
2- 59	340023-000	.STRAP		1
2- 60	340008-503	.BOW ASSEMBLY, LH		1
2- 61	340008-502	.BOW ASSEMBLY, RH		1
2- 62	310306-001	.CLIP		1
2- 63	340019-000	.BRACKET, CABIN DOOR		3
2- 64	340006-000	.STRAP, DOOR SILL		1
2- 65	340173-501	.BRACKET, DOOR SILL		2
2- 66	340173-503	.BRACKET, DOOR SILL		1
2- 67	340155-179	.TUBE, LH/RH		2
2- 68	340038-000	.PLATE, REINFORCING, LH/RH		2
2- 69	340155-237	.TRUSS ASSEMBLY, NOSE GEAR,LH (SEE 53-10-02)		1
2- 69	340155-239	.TRUSS ASSEMBLY, NOSE GEAR,RH (SEE 53-10-02)		1
2- 70	340026-007	.GUSSET, LH/RH		2
2- 71	140206-025	.BRACKET ASSEMBLY		2
2- 72	340155-281	.TUBE, LH/RH		2

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
2- 73	340293-507	.INSTRUMENT STRUCTURE ASSEMBLY (SEE 53-10-02)		1
2- 74	340155-345	.WINDSHIELD FRAME ASSEMBLY (SEE 53-10-02)		1
2- 75	340155-351	.FIREWALL FRAME ASSEMBLY (SEE 53-10-02)		1
2- 76	140319-501	.RETAINER ASSEMBLY, LH		1
2- 76	140319-502	.RETAINER ASSEMBLY, RH		1
2- 77	340155-049	.TUBE, LH		1
2- 77	340155-050	.TUBE, RH		1

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

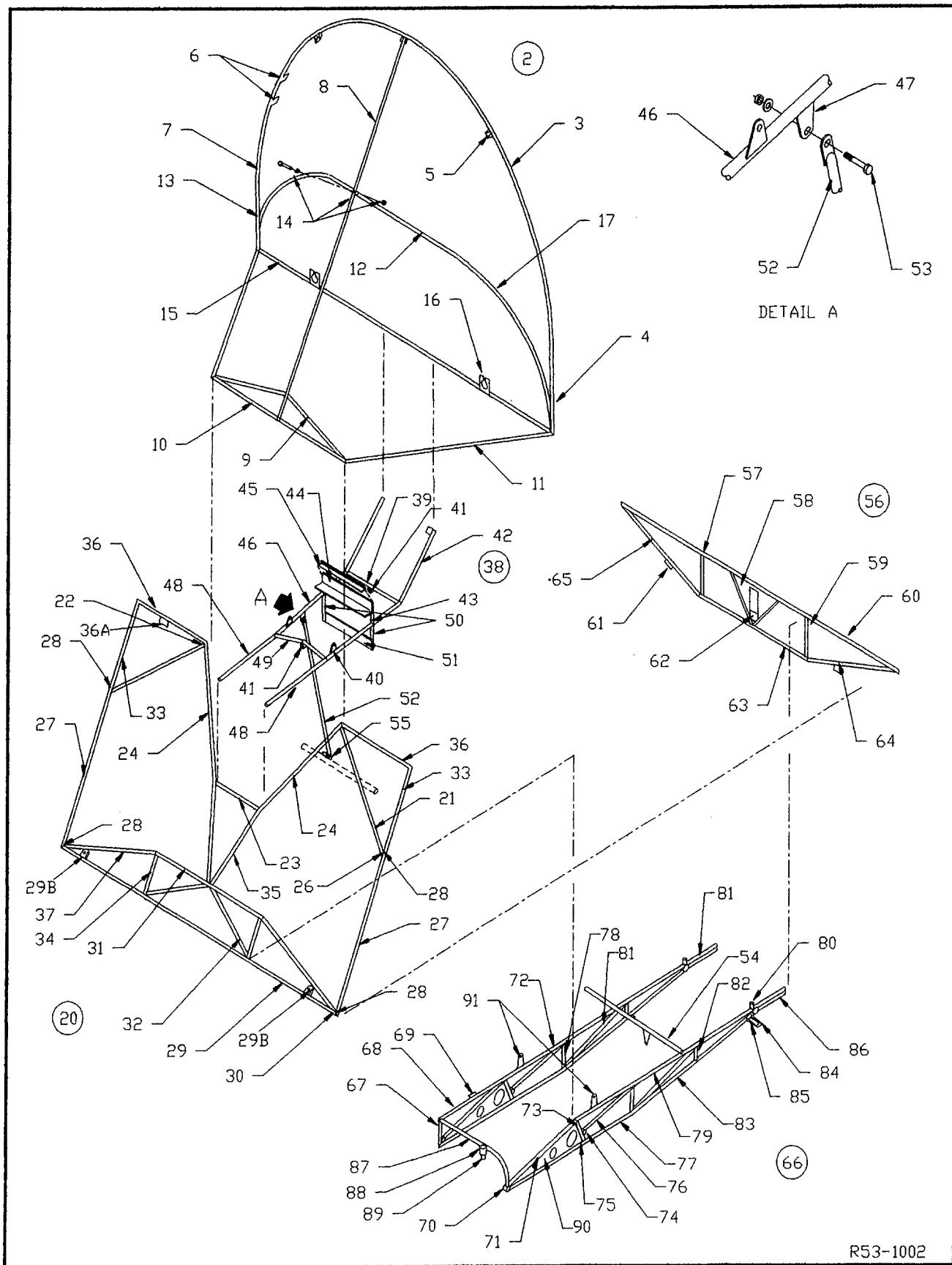


FIGURE 3 - TUBULAR STRUCTURE, FORWARD

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
53-10-02				
3- -	340155-525	TUBULAR STRUCTURE, FUSELAGE ASSEMBLY (SEE 53-10-01)		REF
3- 1	-	NOT USED		
3- 2	340155-345	FRAME ASSEMBLY, WINDSHIELD (SEE 53-10-01)		REF
3- 3	340007-000	.BOW		2
3- 3	913045-019	.CAP, TUBE		2
3- 4	340155-025	.BRACKET, LH		1
3- 4	340028-007	.LUG, RH		1
3- 4	310036-000	.CLIP, RH		1
3- 4	340020-000	.CLIP, RH		1
3- 5	340229-001	.SUPPORT, SUN VISOR, LH		1
3- 5	340229-002	.SUPPORT, SUN VISOR, RH		1
3- 5	340228-001	..SUPPORT		1
3- 5	340228-002	..SUPPORT		1
3- 5	22NA5-048	..NUTPLATE, LH/RH		1
3- 5	1601-0410	..@RIVET, LH/RH		2
3- 6	340083-501	.BRACKET ASSEMBLY, HANDHOLD		2
3- 6	340083-003	..BRACKET		2
3- 6	MS21059L3	..NUTPLATE		2
3- 7	340028-007	.LUG, RH		1
3- 8	340155-235	.WINDSHIELD POST ASSEMBLY		1
3- 8	340155-125	..TUBE		1
3- 8	340155-127	..TUBE		1
3- 8	340155-129	..TUBE		1
3- 9	340155-123	..TUBE		2
3- 9	340155-137	..BUSHING		1
3- 10	340155-121	..TUBE		1
3- 11	340155-049	.TUBE, LH		1
3- 11	340155-050	.TUBE, RH		1
3- 11	340155-133	..HOSE, RH(NI)		1
3- 12	340293-507	STRUCTURE ASSEMBLY, INSTRUMENT PANEL (SEE 53-10-01)		REF
3- 13	AN3-11A	..@BOLT		2
3- 13	AN960-10L	..@WASHER		4
3- 13	MS21042-L3	..@NUT		2
3- 14	NAS623-2-19	..@SCREW		1
3- 14	NAS623-2-20	..@SCREW (ALT)		1
3- 14	NAS623-2-21	..@SCREW (ALT)		1
3- 14	NAS623-2-22	..@SCREW (ALT)		1
3- 14	NAS623-2-23	..@SCREW (ALT)		1
3- 14	NAS220-23	..@SCREW (ALT)		1
3- 14	NAS220-24	..@SCREW (ALT)		1
3- 14	NAS220-25	..@SCREW (ALT)		1
3- 14	NAS220-26	..@SCREW (ALT)		1
3- 14	NAS220-27	..@SCREW (ALT)		1
3- 14	AN960-8	..@WASHER		1
3- 14	340293-007	..@SPACER		1
3- 14	340293-009	..@SPACER (ALT)		1
3- 14	340293-011	..@SPACER (ALT)		1
3- 14	340293-013	..@SPACER (ALT)		1
3- 14	340293-015	..@SPACER (ALT)		1
3- 15	340293-503	.TUBE ASSEMBLY		1
3- 15	340293-001	..TUBE		1
3- 15	A8-75	..RIVNUT		19

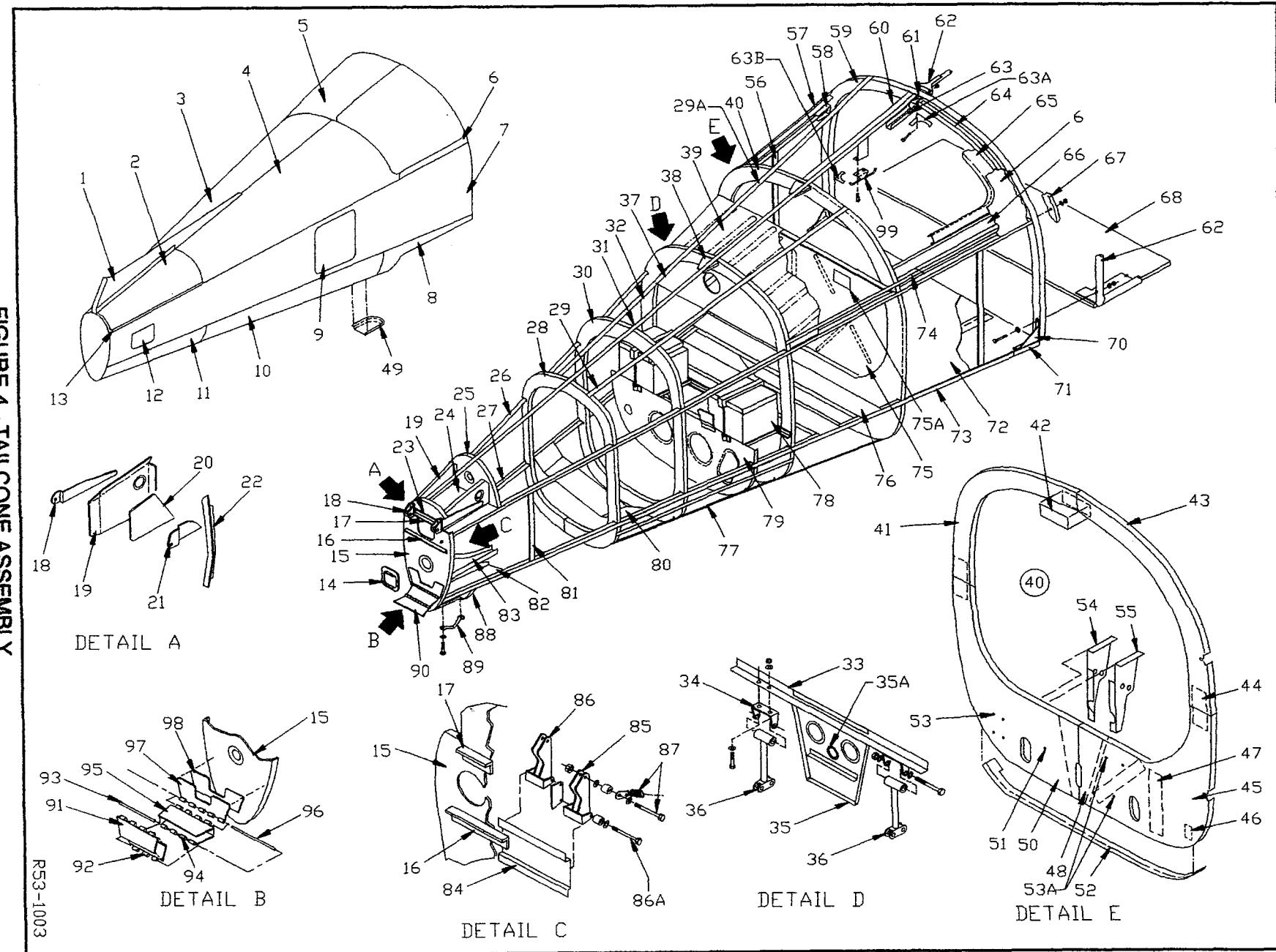
MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
3- 16	340291-501	..MOUNT ASSEMBLY, CONTROL COLUMN EYEBALL		2
3- 16	340291-001	...MOUNT		2
3- 16	MS21051-L08	...NUTPLATE		4
3- 16	340293-017	..BRACKET, LH		1
3- 17	340293-505	.TUBE ASSEMBLY		1
3- 17	350293-003	.TUBE		1
3- 17	A8-75	..RIVNUT		17
3- 18	-	NOT USED		
3- 19	-	NOT USED		
3- 20	340155-351	FIREWALL FRAME ASSEMBLY (SEE 53-10-01)		REF
3- 21	340155-039	.TUBE		2
3- 22	340155-151	.BUSHING		2
3- 22	340155-347	.BUSHING		2
3- 22	340155-349	.TUBE		2
3- 23	340155-043	.TUBE		1
3- 24	340155-041	.TUBE		2
3- 25	-	NOT USED		
3- 26	340155-151	.BUSHING		2
3- 27	340155-045	.TUBE		2
3- 28	340155-055	.BUSHING		4
3- 29	340155-141	.TUBE		1
3- 29A	-	NOT USED		
3- 29B	340020-001	.LUG, LH		1
3- 29B	340020-002	.LUG, RH		1
3- 30	340155-273	.BUSHING		2
3- 31	340155-147	.TUBE		1
3- 32	340155-143	.TUBE		2
3- 33	340155-271	.TUBE, LH		1
3- 33	340155-272	.TUBE, RH		1
3- 34	340283-001	.FITTING, LH		1
3- 34	340283-002	.FITTING, RH		1
3- 35	340155-047	.TUBE		2
3- 36	340155-269	.TUBE, LH		1
3- 36	340155-270	.TUBE, RH		1
3- 36A	340155-217	.BRACKET		1
3- 37	340155-145	.TUBE		2
3- 38	660136-507	.ENGINE CONTROL SUPPORT ASSEMBLY		1
3- 39	340155-167	.TUBE		1
3- 39	34-155-161	.BUSHING (NI)		1
3- 40	340115-000	.LUG, YOKE SUPPORT		2
3- 41	340155-161	.BUSHING		1
3- 42	340155-165	.TUBE		2
3- 43	660136-003	..TUBE		2
3- 44	660136-013	..PLATE		1
3- 45	660136-023	..ANGLE ASSEMBLY		1
3- 45	660136-017	..CHANNEL		1
3- 45	8001	..@ADHESIVE		AR
3- 45	660136-021	...ANGLE		1
3- 45	MS21047-L3	...NUT PLATE		2
3- 46	340155-163	.TUBE		2
3- 47	340155-191	.LUG		1
3- 48	340155-157	.TUBE		2
3- 49	340155-159	.TUBE		2

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
3- 50	340155-335	.TUBE		2
3- 51	340155-337	.BRACKET		1
3- 52	340296-501	.ROD		1
3- 53	AN4-6A	.@BOLT		1
3- 53	AN960-416	.@WASHER		1
3- 53	AN365-428	.@NUT		1
3- 54	340155-171	TUBE (SEE 53-10-01)		REF
3- 55	AN4-5A	.@BOLT		1
3- 55	AN960-416L	.@WASHER		1
3- 55	AN393-428	.@NUT		1
3- 56	340155-233	TRUSS ASSEMBLY, LOWER		1
3- 57	340155-211	.BUSHING		4
3- 58	340155-207	.TUBE		2
3- 59	340155-205	.TUBE		2
3- 60	340155-203	.TUBE		1
3- 61	340155-228	.BRACKET, RH		1
3- 62	560257-001	.BRACKET		1
3- 63	340155-219	.TUBE		1
3- 64	340155-227	.BRACKET, LH		1
3- 65	340155-209	.TUBE, LH/RH		2
3- 66	340155-237	TRUSS ASSEMBLY, NOSE GEAR, LH (SEE 53-10-01)		REF
3- 66	340155-239	TRUSS ASSEMBLY, NOSE GEAR, RH (SEE 53-10-01)		REF
3- 67	340155-261	.TUBE, RH		1
3- 68	340155-263	.TUBE, RH		1
3- 69	340039-013	.BLOCK, BEARING, RH		1
3- 70	340039-007	.BLOCK, BEARING, LH/RH		1
3- 71	340155-257	.TUBE, LH/RH		1
3- 72	340155-249	.TUBE, LH/RH		1
3- 73	340155-255	.TUBE, LH/RH		1
3- 74	340039-009	.BLOCK, BEARING, LH/RH		1
3- 75	340155-253	.TUBE, LH/RH		1
3- 76	340155-251	.TUBE, LH/RH		1
3- 77	340155-247	.TUBE, LH/RH		1
3- 78	340155-245	.TUBE, LH/RH		1
3- 79	340155-243	.TUBE, LH/RH		1
3- 80	340039-011	.BLOCK, BEARING, LH/RH		1
3- 81	340155-317	.TUBE, LH/RH		1
3- 82	340155-319	.TUBE, LH/RH		1
3- 83	340155-241	.TUBE, LH/RH		1
3- 84	340165-501	.SUPPORT, LH		1
3- 85	340165-001	.SUPPORT, LH		1
3- 86	340155-321	.TUBE, LH/RH		1
3- 87	340155-259	.TUBE		1
3- 88	340155-331	.TUBE		1
3- 89	340155-197	.STUD		1
3- 90	340155-293	.GUSSET, LH/RH		2
3- 91	340079-001	.LUG, LH/RH		2

FIGURE 4 - TAILCONE ASSEMBLY



MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
53-10-03				
4- -	350160-505	TAILCONE ASSEMBLY (SEE 00-00-00)		REF
4- 1	350198-505	.DORSAL FIN & VENT INSTALLATION		1
4- 1	350199-501	..DORSAL		1
4- 1	350200-001	..BATHTUB		1
4- 1	A-10	..@CLAMP		1
4- 1	A-1580	..@EYELET		1
4- 1	350198-001	..TUBE, DRAIN		1
4- 1	SST-4	..@CABLE TIE		1
4- 1	350198-003	..@CLIP		1
4- 1	AN931-8-13	..@GROMMET		1
4- 1	350201-005	..DUCT		1
4- 1	SST-4	..@CABLE TIE		1
4- 1	MS21919DG8	..@CLAMP, CUSHIONED		1
4- 1	AN363-1032	..@NUT		1
4- 1	AN960-10	..@WASHER		1
4- 1	AN3-4A	..@BOLT		1
4- 1	AN960-4L	..@WASHER		3
4- 1	AN960-6L	..@WASHER		10
4- 1	1601-0410	..@RIVET		44
4- 1	1601-0412	..@RIVET		12
4- 2	350204-501	FAIRING ASSEMBLY		1
4- 2	350204-001	..FAIRING, LH		1
4- 2	350204-003	..FAIRING, RH		1
4- 3	350000-011	.SKIN, LH, TOP		1
4- 4	350000-012	.SKIN, RH, TOP		1
4- 5	350000-013	.SKIN, TOP, FORWARD		1
4- 6	350096-000	.SKIN, BAGGAGE TRIM		1
4- 7	350000-039	.SKIN, LH		1
4- 7	913001-007	.PLATE, ID		1
4- 7	350160-001	.SKIN, RH		1
4- 8	350209-001	.SKIN, LH, BOTTOM, FORWARD		1
4- 8	350209-002	.SKIN, RH, BOTTOM, FORWARD		1
4- 9	913014-503	.COVER ASSEMBLY., ACCESS DOOR, LH (NI)		1
4- 9	350161-501	.COVER ASSEMBLY., ACCESS DOOR, RH		1
4- 9	350161-503	.RING ASSEMBLY, RH		1
4- 10	350160-003	.SKIN, LH, BOTTOM		1
4- 10	350000-043	.SKIN, RH, BOTTOM		1
4- 11	350000-047	.SKIN, BOTTOM, AFT		1
4- 12	930022-505	.COVER ASSEMBLY, INSPECTION		2
4- 12	930022-009	..PLATE		1
4- 12	RM52LHTA4972-6-82	..@NUT, CLIP (ESNA)		10
4- 12	AN526-832R7	..@SCREW		10
4- 13	350000-045	.SKIN, TOP, AFT		1
4- 14	350134-000	.ATTACHMENT, FLEX TUBE		1
4- 15	350070-003	.FUSELAGE BULKHEAD (FUS STA 211.5)		1
4- 16	350071-000	.STIFFENER, BULKHEAD		1
4- 17	350055-007	.STIFFENER, LH, EMPENNAGE ATTACH		1
4- 17	350055-008	.STIFFENER, RH, EMPENNAGE ATTACH		1
4- 18	350061-007	.FITTING ATTACH, LH, OUTBOARD EMPENNAGE		1
4- 18	350061-008	.FITTING ATTACH, RH, OUTBOARD EMPENNAGE		1
4- 18	NAS1080-5	..@HUCK COLLAR		10

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
4- 18	NAS1465-11	.@HUCKBOLT		8
4- 18	NAS1465-9	.@HUCKBOLT		2
4- 19	350057-007	.STIFFENER, LH, EMPENNAGE ATTACH		1
4- 19	350057-008	.STIFFENER, RH, EMPENNAGE ATTACH		1
4- 20	350062-000	.PLATE, STIFFENER		2
4- 21	350060-007	.FITTING ATTACH, LH, INBOARD EMPENNAGE		1
4- 21	350060-008	.FITTING ATTACH, RH, INBOARD EMPENNAGE		1
4- 22	350058-007	.STIFFENER, LH, VERTICAL		1
4- 22	350058-008	.STIFFENER, RH, VERTICAL		1
4- 23	350056-000	.STIFFENER, ANGLE		1
4- 24	350068-000	.PLATE, STIFFENER		1
4- 25	350059-000	.INTERCOSTAL		1
4- 26	350117-003	.LONGERON, LH		1
4- 26	350117-004	.LONGERON, RH		1
4- 27	350000-019	.LONGERON, LH, LOWER		1
4- 27	350000-020	.LONGERON, RH, LOWER		1
4- 28	350025-501	.FUSELAGE BULKHEAD (FUS STA 176.0)		1
4- 28	350024-501	.BULKHEAD, LH		1
4- 28	350024-502	.BULKHEAD, RH		1
4- 28	350013-000	.SPLICING		2
4- 29	350157-003	.LONGERON, TOP, LH		1
4- 29A	350157-005	.LONGERON, TOP, RH		1
4- 30	350145-501	.FUSELAGE BULKHEAD (FUS STA 159.0)		1
4- 31	350003-001	.LONGERON, CENTER, TOP		1
4- 32	350113-515	.BULKHEAD ASSEMBLY (FUS STA 142.0)		1
4- 32	350021-003	.BULKHEAD, LH, UPPER		1
4- 32	350021-004	.BULKHEAD, RH, UPPER		1
4- 32	350022-005	.BULKHEAD, LH, LOWER		1
4- 32	350022-006	.BULKHEAD, RH, LOWER		1
4- 32	350162-023	.PLATE, SPLICE, TOP		1
4- 32	350162-025	.PLATE, SPLICE, SIDE		2
4- 33	350113-007	.SUPPORT		1
4- 34	913007-000	.BRACKET		2
4- 34	AN365-1032	.@NUT		4
4- 34	AN960-10	.@WASHER		4
4- 34	AN3-4A	.@BOLT		4
4- 35	350113-005	.PLATE		1
4- 35	AN365-832	.@NUT		8
4- 35	AN960-8L	.@WASHER		8
4- 35	AN525-8R8	.@SCREW		8
4- 35	MS20470AD4	.@RIVET (ALT)		8
4- 35A	NMC557-16A	.GROMMET		1
4- 36	914016-501	.BELLCRANK, LH		1
4- 36	914016-000	.BELLCRANK, RH		1
4- 36	914020-009	.@BUSHING		2
4- 36	AN365-1032	.@NUT		2
4- 36	AN960-10	.@WASHER		4
4- 36	AN3-24A	.@BOLT		2
4- 37	350113-015	.WALL		1
4- 37	913101-505	.CLIP		2
4- 38	810085-000	.DOUBLER, ANTENNA		1
4- 38	810403-001	.BRACKET, ANTENNA		1
4- 39	350166-000	.FLOOR, HATRACK		1

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
4- 40	350162-515	.BULKHEAD ASSEMBLY (FUS STA 120.0)		1
4- 41	350162-049	..BULKHEAD, LH, UPPER		1
4- 42	350162-023	..PLATE, SPLICE		1
4- 43	350162-006	..BULKHEAD, RH, UPPER		1
4- 44	350162-025	..PLATE, SPLICE		2
4- 45	350162-043	..BULKHEAD, RH, LOWER		1
4- 46	350162-047	..ANGLE		2
4- 47	350162-031	..STIFFENER		1
4- 48	350162-013	..PLATE		1
4- 49	210231-003	.FAIRING		1
4- 50	350162-053	..BULKHEAD, LH, LOWER		1
4- 51	MS21059L3	..NUT PLATE		1
4- 52	350162-041	..PLATE, SPLICE		1
4- 52	212-12	..RECEPTACLE		5
4- 53A	MS21059-08	..NUT PLATE		3
4- 53A	MS21061-L08	..NUT PLATE		1
4- 54	750096-007	..BRACKET		1
4- 55	750096-009	..BRACKET		1
4- 56	350151-001	.STIFFENER, LH, VERTICAL		1
4- 56	350151-002	.STIFFENER, RH, VERTICAL		1
4- 57	350150-000	.STIFFENER, HORIZONTAL		1
4- 57	350152-000	.CLIP		1
4- 58	350052-000	.LONGERON FITTING ASSEMBLY		2
4- 59	350012-001	.FUSELAGE BULKHEAD (FUS STA 100.47)		1
4- 59	350010-001	..BULKHEAD, LH, UPPER		1
4- 59	350010-002	..BULKHEAD, RH, UPPER		1
4- 59	350011-005	..BULKHEAD, LH, LOWER		1
4- 59	350011-006	..BULKHEAD, RH, LOWER		1
4- 59	350008-000	..PLATE, SPLICE, TOP		1
4- 59	350009-000	..PLATE, SPLICE, SIDE		2
4- 60	350163-001	.STIFFENER, TOP-CENTER		1
4- 60	350160-005	.SHIM (BETWEEN STIFFENER AND SKIN)		1
4- 61	350149-000	.CLIP ASSEMBLY		1
4- 62	340155	TUBULAR STRUCTURE, FUSELAGE ASSEMBLY (SEE 53-10-01)	REF	
4- 63	340078-025	.FAIRING, BAGGAGE DOOR		1
4- 63A	350185-001	.SHIM		1
4- 63B	350185-003	.SHIM		1
4- 64	340078-039	.FAIRING, BAGGAGE DOOR		1
4- 65	350089-000	.FRAME, BAGGAGE DOOR		1
4- 66	340078-023	.FAIRING, BAGGAGE DOOR		1
4- 67	320044	FUSELAGE ASSEMBLY (SEE 53-10-00)	REF	
4- 68	340298-501	..BAGGAGE FLOORBOARD INSTALLATION		1
4- 68	340298-503	..BAGGAGE FLOORBOARD ASSEMBLY		1
4- 68	340298-001	..FLOORBOARD		1
4- 68	340298-003	..CHANNEL		3
4- 68	AN3-3A	..@BOLT		2
4- 68	AN960-10	..@WASHER		2
4- 69		NOT USED		
4- 70	350034-503	.CLIP ASSEMBLY, LH		1
4- 70	350034-504	.CLIP ASSEMBLY, RH		1
4- 71	350125-001	.STIFFENER, ANGLE		1
4- 72	350026-507	.FLOOR ASSEMBLY, BAGGAGE		1
4- 72	350038-507	..FLOOR		1

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
4- 72	350027-003	..STIFFENER, LH, CENTER		1
4- 72	350027-001	..STIFFENER, RH, CENTER		1
4- 72	350027-000	..STIFFENER, OUTBOARD		4
4- 72	010003-505	..STRAP, BAGGAGE		2
4- 72	010003-507	..STRAP, BAGGAGE		2
4- 72	AN3-6A	..@BOLT (BAGGAGE STRAP ATTACHMENT)		4
4- 72	AN970-4	..@WASHER (BAGGAGE STRAP ATTACHMENT)		4
4- 72	350182-003	..GUSSET		2
4- 72	350037-503	..SUPPORT		1
4- 72	AN366F1032	..NUT PLATE		4
4- 73	350078-009	.LONGERON, LH, LOWER		1
4- 73	350078-010	.LONGERON, RH, LOWER		1
4- 74	350147-001	.LONGERON, LH, UPPER		1
4- 74	350147-002	.LONGERON, RH, UPPER		1
4- 75	350167-000	.WALL ASSEMBLY, BAGGAGE		1
4- 75A	880035	HOURMETER (SEE 25-00-00)		REF
4- 76	810017-501	.RACK, ELECTRICAL EQUIPMENT		2
4- 77	350157-001	.LONGERON, LH		1
4- 77	350157-002	.LONGERON, RH		1
4- 78	G243	BATTERY (SEE 24-20-00)	/1	REF
4- 79	800163-001	.BULKHEAD (SEE 24-20-00)	/1	1
4- 80	810090-501	.RACK INSTALLATION, AFT RADIO		1
4- 80	810090-001	..BRACKET, RACK SUPPORT		1
4- 80	810090-003	..CLIP, LH		1
4- 80	810090-004	..CLIP, RH		1
4- 80	810090-005	..ANGLE, AFT		1
4- 80	810090-007	..SUPPORT, LH		1
4- 80	810090-008	..SUPPORT, RH		1
4- 80	810090-009	..FLOOR		1
4- 80	MS21077-3K	..NUT PLATE		6
4- 80	MS21077-011	..ANGLE, FORWARD		1
4- 80	A8-75	..RIVNUT		4
4- 81	350133-001	.FRAME, LH		1
4- 81	350133-002	.FRAME, RH		1
4- 82	350066-501	.FORMER PLATE, BRACKET ATTACH, LH (NI)		1
4- 82	350066-502	.FORMER PLATE, BRACKET ATTACH, RH		1
4- 82	740230-501	.REAR TRIM (NI)		1
4- 82	350067-000	.STRAP (NI)		2
4- 83	350069-000	.STIFFENER PLATE		1
4- 84	350063-000	.BELLCRANK ATTACH ASSEMBLY		1
4- 85	913031-503	.BELLCRANK, RH		1
4- 86	913030-503	.BELLCRANK, LH		1
4- 86A	MS21045-L3	@NUT		2
4- 86A	AN960-10	@WASHER		2
4- 86A	914020-009	@BUSHING		2
4- 86A	AN3-24A	@BOLT		2
4- 87	710073-501	.VARIABLE DOWNSPRING INSTALLATION (SEE 27-30-00 FOR BRKDN)		1
4- 88	350076-003	.INTERCOSTAL		1
4- 88	350075-501	.STRAP		1
4- 88	350206-501	.STRAP		1
4- 88	350074-000	.TAIL SKID ATTACH		1
4- 89	350187-001	.TAIL SKID		1
4- 89	AN4-7A	@BOLT		2

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
FIG-ITEM				
4- 89	AN960-416	.@WASHER		2
4- 90	480009-505	.HINGE ASSEMBLY, EMPENNAGE/STINGER		1
4- 91	480009-009	..HINGE		1
4- 92	480009-011	..HINGE		1
4- 93	AN253-4-368	..PIN, HINGE (480009-909)		1
4- 94	480009-013	..HINGE		1
4- 95	480009-015	..HINGE		1
4- 96	AN253-4-508	..PIN, HINGE (480009-907)		1
4- 96	440019-000	..WASHER		7
4- 96	ANF381-2-6	..PIN, COTTER		4
4- 97	440009-017	..HINGE		1
4- 98	440008-013	..HINGE		1
4- 99	350124-501	.BRACKET ASSEMBLY, COAT HANGER		1
4- 99	130077-001	.HOOK ASSEMBLY, COAT HANGER		1
4- 99	914044-009	.@BUSHING		2
4- 99	AN526-1032R6	@SCREW		2

NOTES:

1. FOR BATTERY INSTALLATION (G243) & COMPLETE LIST OF COMPONENTS-SEE 24-20-00.

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

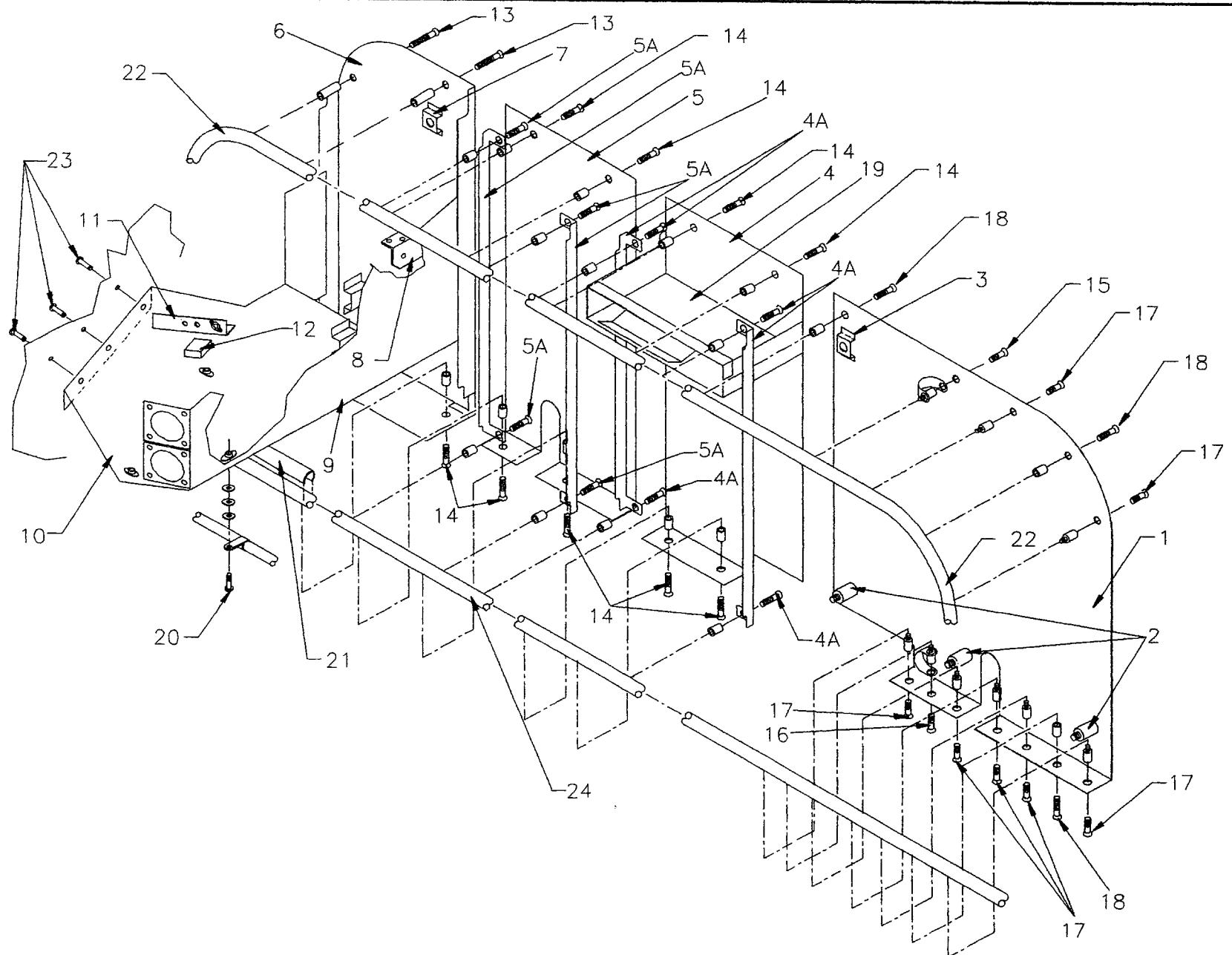


FIGURE 5 - INSTRUMENT PANEL INSTALLATION & STRUCTURE

R53-1004

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
53-10-04				
5- -	820329-505	INSTRUMENT PANEL ASSEMBLY & INSTL (SEE 00-00-00)	I/	REF
5- -	820329-511	INSTRUMENT PANEL ASSEMBLY & INSTL (SEE 00-00-00)	II/	REF
5- -	820329-513	INSTRUMENT PANEL ASSEMBLY & INSTL (SEE 00-00-00)	III/	REF
5- 1	820131-503	.PANEL, PILOT'S	IV/2	1
5- 1	820131-505	.PANEL, PILOT'S	V/2	1
5- 1	820135-503	.PANEL, PILOT'S (OPT) (EFIS)	/2	1
5- 2	MS24694-S64	.SCREW		3
5- 2	914044-003	.BUSHING		3
5- 2	AN960-10	.WASHER		3
5- 2	MS21042-3	.NUT		3
5- 2	820302-007	.SLEEVE, BUMPER		3
5- 3	820310-003	.BRACKET		1
5- 4	820331-009	.PANEL	/2	1
5- 4A	820331-007	.SUPPORT, LH		1
5- 4A	820331-008	.SUPPORT, RH		1
5- 4A	MS24693-S54	.@SCREW		4
5- 4A	820328-005	.@SPACER		4
5- 5	820331-015	.PANEL	/2	1
5- 5A	820331-001	.SUPPORT, LH/RH		2
5- 5A	MS24693-S54	.@SCREW		4
5- 5A	820328-005	.@SPACER		4
5- 6	820327-513	.PANEL ASSEMBLY, CIRCUIT BREAKER	/2	1
5- 6	820147-001	.FACE PLATE		1
5- 6	820327-005	.INSULATOR		1
5- 6	AN960-6	.@WASHER		3
5- 7	820310-003	.BRACKET (OPT. FRENCH A/C)		1
5- 8	820327-031	.BRACKET (OPT. FRENCH A/C)		1
5- 9	820327-027	.SUPPORT		1
5- 9	MS17160-46	.CLIP		2
5- 9	820058-007	.BRACKET		2
5- 9	MS21047L3	.NUT PLATE		5
5- 10	820096-503	.TRAY ASSEMBLY		1
5- 10	820096-005	.PLATE		1
5- 10	MS21047L3	.NUT PLATE		2
5- 10	820096-001	.BRACKET		1
5- 10	MS35207-263	...@SCREW		2
5- 10	AN960-10L	...@WASHER		2
5- 11	820327-511	.ANGLE ASSEMBLY		1
5- 11	820327-033	.ANGLE		1
5- 11	MS21047L3	.NUT PLATE		1
5- 11	MS21051-L08	.NUT PLATE		1
5- 11	MS35207-262	...@SCREW		2
5- 11	AN960-10L	...@WASHER		2
5- 12	820327-021	.CUSHION		1
5- 12	#08001	...@ADHESIVE		
5- 13	AN515B8R24	...@SCREW		2
5- 13	820328-001	...@SPACER		2
5- 14	AN515B8R16	...@SCREW		9
5- 14	820328-003	...@SPACER		9
5- 15	AN515B8R6	...@SCREW		1
5- 15	914088-001	...@STRAP, GROUND		1

**MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG**

SECTION	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
FIG-ITEM				
5- 15	SMB003-0200-9	.@MOUNT		1
5- 15	AN936A8	.@WASHER		1
5- 16	AN515B8R16	.@SCREW		1
5- 16	914088-001	.@STRAP, GROUND		1
5- 16	820306-073	.@SPACER		1
5- 17	AN515B8R6	.@SCREW		6
5- 17	SMB003-0200-9	.@MOUNT		6
5- 17	AN936A8	.@WASHER		6
5- 18	AN515B8R16	.@SCREW		3
5- 18	820306-073	.@SPACER		3
5- 19	820335-501	.TRAY ASSEMBLY		1
5- 19	820335-001	..TRAY		1
5- 19	820335-003	..RETAINER		1
5- 20	AN742-5	.@CLAMP		1
5- 20	AN526-10R9	.@SCREW		1
5- 20	AN960-10L	.@WASHER		AR
5- 21	800369-001	.INSULATOR		1
5- 22	340293	TUBE ASSEMBLY (SEE 53-10-02)		REF
5- 22	4 in.x .006	TAPE, CO NETIC FOIL (MAGNETIC SHIELD CO.)	/1	AR
5- 23	NAS1921B04S-01	..@RIVET		3
5- 24	340293-503	TUBE ASSEMBLY (SEE 53-10-02)		REF

EFFECTIVITIES:

- I 29-0001 THRU 29-0065
- II 29-0066 THRU 29-TBA
- III 30-0001 THRU 30-TBA
- IV 29-0001 THRU 29-0167
- V 29-0168 THRU 29-TBA

NOTES:

1. USED TO SHIELD C R T INSTRUMENTS.
VENDOR:
MAGNETIC SHIELD CORP.
740 NORTH THOMAS DRIVE
BENSENVILLE, IL 60106
2. EACH A/C MAY HAVE ENTIRELY DIFFERENT INSTRUMENT PANELS, THEREFORE SPECIFIC CONFIGURATION INSTRUMENT PANELS MAY NOT APPLY. A BLANK PANEL CAN BE PROVIDED FOR CUSTOM CONFIGURATIONS. CONTACT THE SERVICE PARTS DEPARTMENT.

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY

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MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

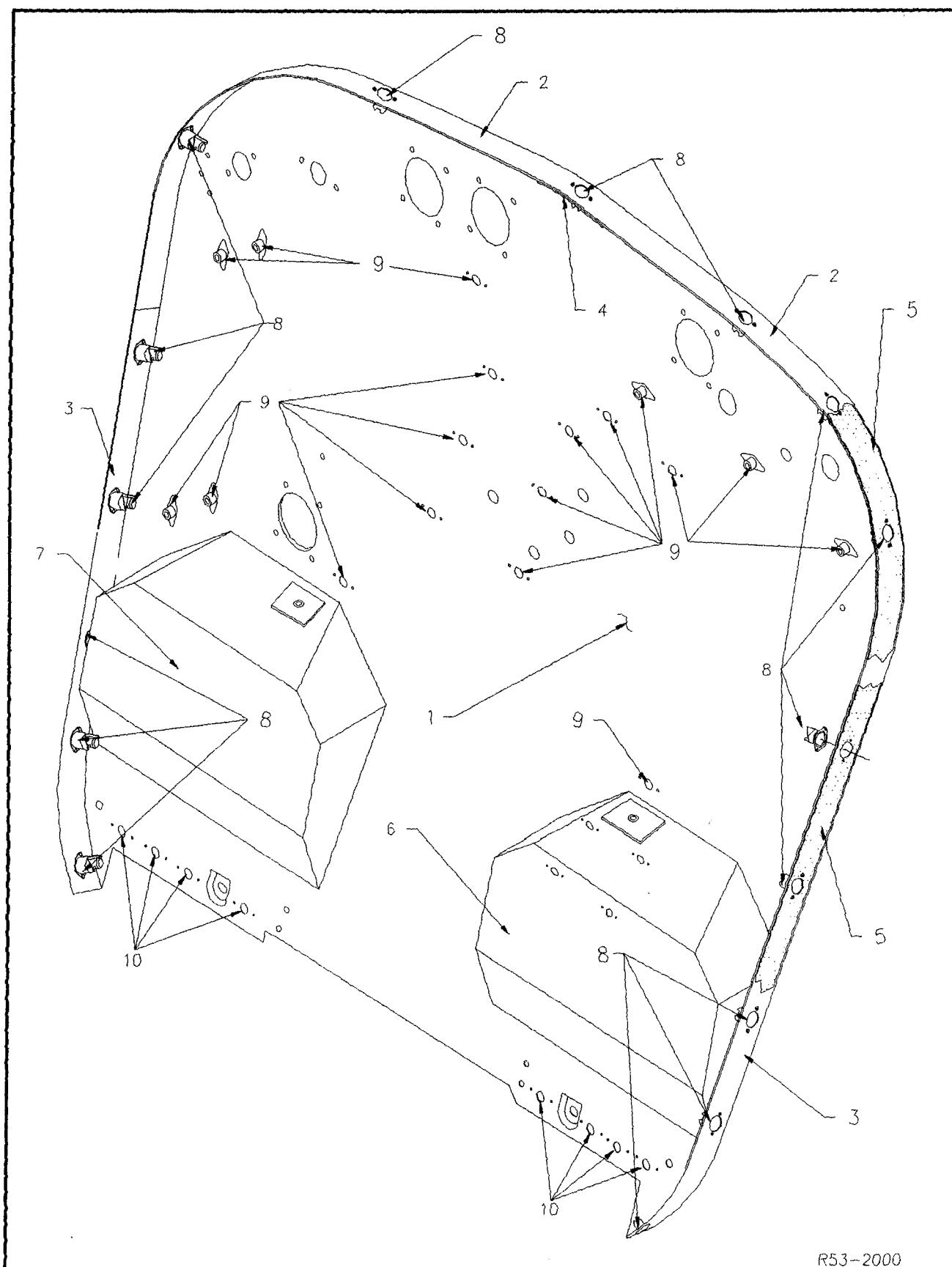


FIGURE 1 - FIREWALL ASSEMBLY

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
53-20-00				
1- -	600265-501	FIREWALL ASSEMBLY (SEE 53-10-00)		REF
1- 1	600265-001	.FIREWALL		1
1- 2	600351-013	.COWLING ATTACH, LH, UPPER		1
1- 2	600351-014	.COWLING ATTACH, RH, UPPER		1
1- 3	650258-001	.ATTACH, COWLING, LH, LOWER		1
1- 3	600351-002	.ATTACH, COWLING, RH, LOWER		1
1- 4	600353-031	.DOUBLER, ATTACH, UPPER		1
1- 4	MS20426AD3F-8			
		..@RIVET, FLUSH HEAD	/2	10
1- 5	#5421	.TAPE	/1	1
1- 6	600324-537	.FOOTWELL ASSEMBLY, LH		1
1- 6	600324-061	..FOOTWELL, LH		1
1- 6	600324-013	..PLATE		2
1- 6	NAS1031A3K	..NUTPLATE		1
1- 6	MS20427M-3F-3			
		..@RIVET, FLUSH HEAD		2
1- 6	MS21047L3K	..NUTPLATE		2
1- 6	MS20427M-3N-3			
		..@RIVET	/2	2
1- 6	600324-027	..DOUBLER		1
1- 7	600324-539	.FOOTWELL ASSEMBLY, RH		1
1- 7	600324-063	..FOOTWELL, RH		1
1- 7	600324-013	..PLATE		1
1- 7	MS21047L3K	..NUTPLATE		2
1- 7	MS20427M-3N-3			
		..@RIVET	/2	4
1- 7	600324-027	..DOUBLER		1
1- 7	600324-033	..COVER PLATE	/4	1
1- 7A	600324-035	..GASKET, COVER PLATE		1
1- 8	214-16	..RECEPTACLE, CAMLOC		17
1- 8	MS20426AD4-5	@RIVET	/2	34
1- 9	NAS680A3K	.NUTPLATE	/3	19
1- 9	MS20427M-3-3	@RIVET	/3	38
1- 10	MS21059L3	.NUTPLATE		9
1- 10	MS20427M-3-3	@RIVET	/2	18
1- -	050006-501	* ADAPTER, FUEL FITTING PASS THRU ASSEMBLY	/4	REF

NOTES:

1. .032 TO .062 NEOPERNE RUBBER , BONDED WITH 08001 ADHESIVE BY 3M CO. OR EQUIVALENT MAY BE USED AS AN ALTERNATE FOR #5421 TAPE.
2. RIVET LENGTHS VARY DUE TO MATERIAL THICKNESS. USE APPROPRIATE RIVETS WHEN MAKING REPAIRS.
3. MS21042-3 NUT WITH AN960 WASHERS MAY BE USED AS AN ALTERNATE FOR NAS680A3K NUTPLATE & MS20427M RIVETS.
4. 050006-501 FITTING ADAPTER COVER MAY BE INSTALLED INPLACE OF -33 COVER PLATE DURING ENGINE SET UP PROCEDURES.

**MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG**

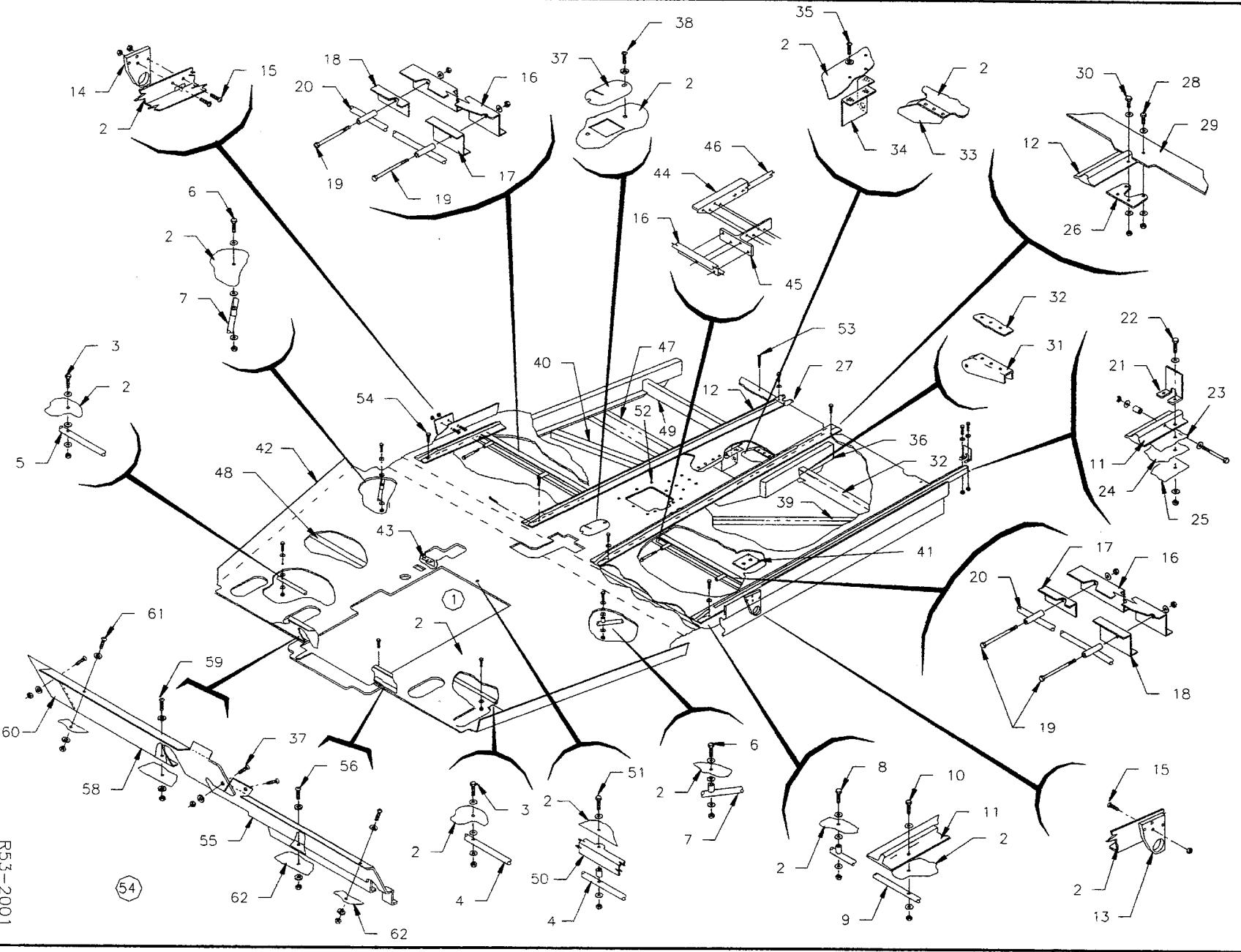


FIGURE 2 - FLOORBOARD ASSEMBLY AND INSTALLATION

R53-2001

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
53-20-01				
2- 1	340295-507	FLOORBOARD ASSEMBLY & INSTALLATION (SEE 53-10-00)	/1	REF
2- 2	340295-005	.FLOORBOARD		1
2- 3	AN23-19A	.@SCREW		3
2- 3	AN960-10	.@WASHER		6
2- 3	AN970-3	.@WASHER		3
2- 3	AN365-1032	.@NUT		3
2- 4	340155	TUBULAR STRUCTURE (SEE 53-10-01)		REF
2- 5	340155	TUBULAR STRUCTURE (SEE 53-10-01)		REF
2- 6	AN23-27A	.@SCREW		2
2- 6	914019-003	.@BUSHING		2
2- 6	AN960-10	.@WASHER		4
2- 6	AN970-3	.@WASHER		2
2- 6	AN365-1032	.@NUT		2
2- 7	340155	TUBULAR STRUCTURE (SEE 53-10-01)		REF
2- 8	AN23-26A	.@SCREW		4
2- 8	AN960-10	.@WASHER		12
2- 8	914019-003	.@BUSHING		4
2- 8	AN970-3	.@WASHER		4
2- 8	AN365-1032	.@NUT		4
2- 9	340167	SUPPORT (SEE 53-10-01)		REF
2- 10	MS24694-S23	.@SCREW		4
2- 10	340156-017	.@BUSHING		4
2- 10	AN960-8	.@WASHER		4
2- 10	AN363-1032	.@NUT		4
2- 11	340156-069	.RAIL, SEAT, OUTBOARD		2
2- 12	340156-067	.RAIL, SEAT, INBOARD		2
2- 13	730007-007	.PLATE, GUIDE, LH		1
2- 14	730007-008	.PLATE, GUIDE, RH		1
2- 15	AN526-6R8	.@SCREW		4
2- 15	AN960-6	.@WASHER		8
2- 15	AN363-632	.@NUT		4
2- 16	340156-057	.SUPPORT		1
2- 17	340004-009	.SUPPORT		2
2- 18	340004-007	.SUPPORT		2
2- 19	AN3-11A	.@BOLT		4
2- 19	AN960-10	.@WASHER		AR
2- 19	AN365-1032	.@NUT		4
2- 20	340155	TRUSS (SEE 53-10-00)		REF
2- 21	210211-501	.CLIP		2
2- 22	AN3-10A	.@BOLT		4
2- 22	AN960-10	.@WASHER		8
2- 22	AN365-1032	.@NUT		4
2- 23	210004	DOUBLER (SEE 57-10-02)		REF
2- 24	210000	SPAR (SEE 57-10-02)		REF
2- 25	210077	DOUBLER (SEE 57-10-02)		REF
2- 26	340055-007	.BRACKET, LH		1
2- 27	340055-008	.BRACKET, RH		1
2- 28	AN3-10A	.@BOLT		2
2- 28	AN960-10	.@WASHER		4
2- 28	AN365-1032	.@NUT		2
2- 29	210012	PLATE, SPLICE (SEE 57-10-02)		REF
2- 30	AN3-6A	.@BOLT		2

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
2- 30	AN960-10	.@WASHER		4
2- 30	AN365-1032	.@NUT		2
2- 31	560249-041	.BRACKET, IDLER PULLEY	/1	1
2- 32	950102-013	.SUPPORT ASSEMBLY		1
2- 33	560249-015	.BRACKET, PULLEY		1
2- 34	560249-035	.BRACKET ASSEMBLY		1
2- 35	MS35206-243	.@SCREW		3
2- 35	AN960-8	.@WASHER		3
2- 36	560243-503	.BRACKET ASSEMBLY	/1	1
2- 36	560271-501	.SUPPORT ASSEMBLY		1
2- 37	150080-367	.PLACARD (SEE 11-30-00)		1
2- 38	MS35206-243	.@SCREW		2
2- 38	MS21069L08	.@NUT PLATE		2
2- 39	340156-075	.ANGLE, LH		1
2- 40	340156-073	.ANGLE, RH		1
2- 41		NOT USED		
2- 42	310332-007	.FLANGE, LH		1
2- 42	310332-009	.FLANGE, RH		1
2- 43	340295-003	.CLIP		1
2- 44	340053-015	.CHANNEL		1
2- 45	340156-083	.CLIP, LH/RH		1
2- 46	340053-017	.ANGLE		1
2- 47	340187-001	.SUPPORT		1
2- 47	340187-003	.CLIP (NI)		2
2- 48	340052-013	.SHIM		AR
2- 49	360249-027	.SUPPORT		1
2- 49	560249-029	.SPACER		1
2- 50	310343	BULKHEAD ASSEMBLY (SEE 53-10-00)		REF
2- 50	AN23-24A	.@SCREW		1
2- 51	AN960-10	.@WASHER		2
2- 51	914019-001	.@SPACER		1
2- 51	AN365-1032	.@NUT		1
2- 52	AN362F832	.NUT PLATE		15
2- 53	AN525-832R8	.@SCREW		16
2- 53	AN960-8	.@WASHER		16
2- 53	AN363-832	.@NUT		16
2- 54	340131-507	FAIRING INSTALLATION, FLOORBOARD TO FIREWALL (SEE 53-10-00)		REF
2- 55	340131-019	.FAIRING, LH		1
2- 56	AN515-6R6	.@SCREW		4
2- 56	AN960-6L	.@WASHER		8
2- 56	AN363-632	.@NUT		4
2- 57	AN515-6R6	.@SCREW		2
2- 57	AN960-6L	.@WASHER		2
2- 57	AN363-632	.@NUT		2
2- 58	340131-021	.FAIRING, RH		1
2- 59	AN515-6R6	.@SCREW		4
2- 59	AN960-6L	.@WASHER		8
2- 59	AN363-632	.@NUT		4
2- 60	340131-017	.FAIRING		2
2- 61	AN515-6R6	.@SCREW		2
2- 61	AN960-6L	.@WASHER		4
2- 61	AN363-632	.@NUT		2
2- 62	600285	FIREWALL ASSEMBLY (SEE 53-20-00)		REF

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ UNITS/ NOTES ASSY
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NOTES

1. EMERGENCY LANDING GEAR EXTENSION SYSTEM CONFIGURATION (CABLE BRACKETS OR PULLEYS) MAY BE DIFFERENT THAN DEPICTED. CONTACT SERVICE PARTS DEPARTMENT IF ANY OF THESE PARTS ARE REQUIRED FOR REPAIR OR REPLACEMENT.

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

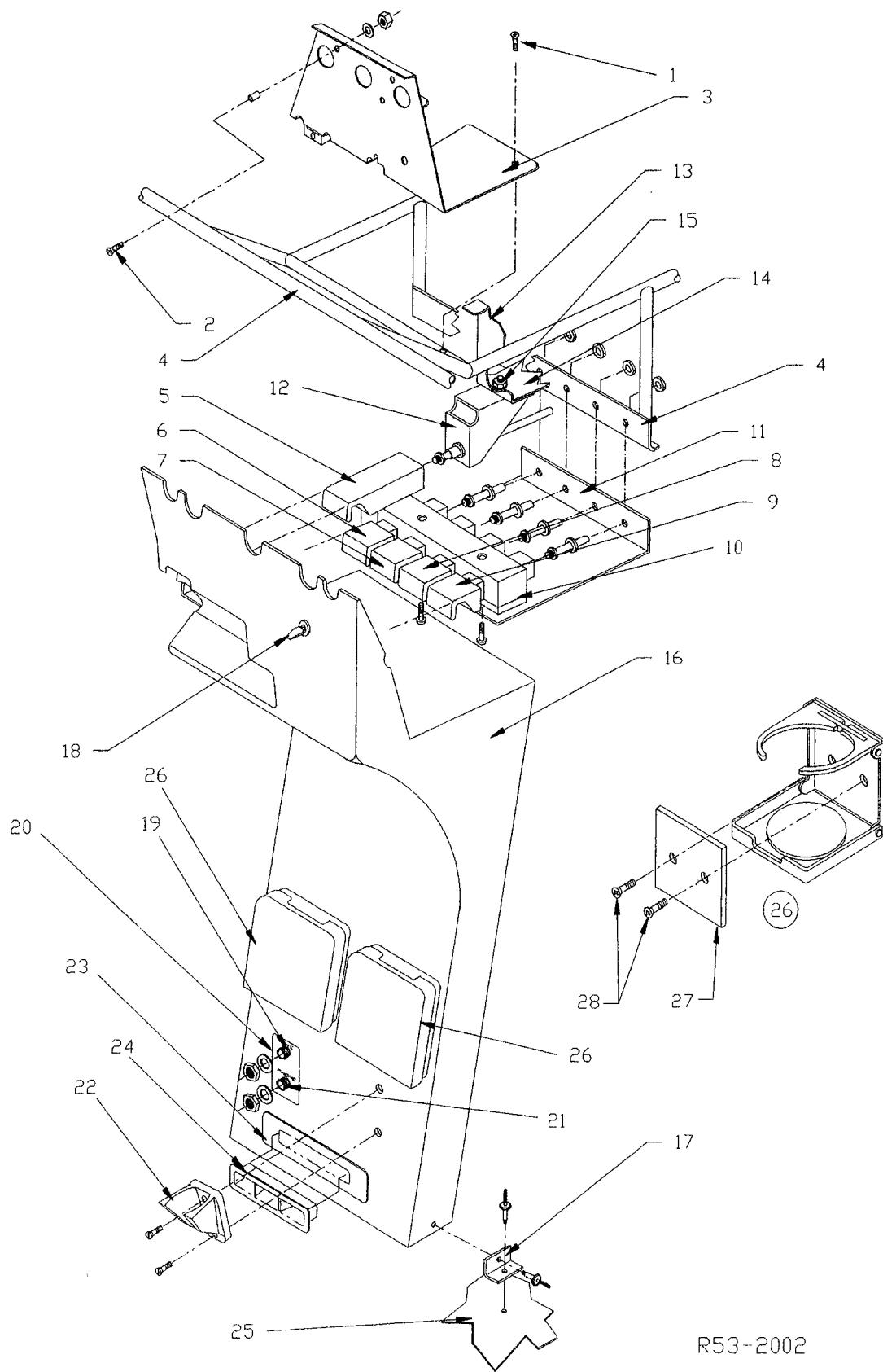


FIGURE 3 - CONSOLE ASSEMBLY

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
53-20-02				
3- -	340242-503	CONSOLE ASSEMBLY & INSTALLATION (SEE 00-00-00)		REF
3- 1	AN515-8R16	.@SCREW		2
3- 1	AN960-8L	.@WASHER		2
3- 1	AN363-832	.@NUT		2
3- 2	AN515-8R18	.@SCREW		2
3- 2	340288-019	.@BUSHING		2
3- 2	AN960-8L	.@WASHER		2
3- 2	AN363-832	.@NUT		2
3- 3	340194-507	.BRACKET ASSEMBLY, POWERPLANT CONTROLS		1
3- 3	340194-003	..BRACKET, POWERPLANT CONTROLS		1
3- 3	340194-501	..BRACKET, ALT AIR PULL		1
3- 4	340155	TUBULAR STRUCTURE		REF
3- 5	917033-509	.PULL ASSEMBLY, ALT AIR		1
3- 5	917033-011	..PLACARD		1
3- 5	AN315-3	..NUT, JAM		REF
3- 6	917033-505	.PULL ASSEMBLY, DEFROST		1
3- 6	917033-007	..PLACARD		1
3- 6	AN315-3	..NUT, JAM		REF
3- 7	917033-507	.PULL ASSEMBLY, CABIN HEAT		1
3- 7	917033-009	..PLACARD		1
3- 7	AN315-3	..NUT, JAM		REF
3- 8	917033-503	.PULL ASSEMBLY, CABIN VENT		1
3- 8	917033-005	..PLACARD		1
3- 8	AN315-3	..NUT, JAM		2
3- 9	917033-501	.PULL ASSEMBLY, PARK BRAKE		1
3- 9	640257-025	CONTROL ASSEMBLY, PUSH/PULL (SEE 32-40-01)		REF
3- 9	917033-003	..PLACARD		1
3- 9	AN315-3	..NUT, JAM		REF
3- 10	310265-501	.GUIDE, CONTROL		1
3- 10	AN526-832R10	@SCREW (USE THREADLOCKER 222)		2
3- 11	310268-501	.BRACKET		1
3- 12	340206-011	.BRACKET		1
3- 13	660136-013	BRACKET (SEE 53-10-02)		REF
3- 14	860015-001	BRACKET		1
3- 15	MS35207-263	@SCREW	/1	1
3- 15	AN960-10L	@WASHER	/1	2
3- 15	MS21044N3	@NUT	/1	1
3- 15	MS20470AD4	@RIVET	/1	3
3- 16	340241-007	.CONSOLE ASSEMBLY		1
3- 17	913043-001	.CLIP, LH & RH SIDE OF CONSOLE		2
3- 17	1691-0412	@RIVET, AVEX		2
3- 18	8906K3149	.SWITCH, WING FLAPS		REF
3- 19	C-12B	.MIC JACK (SWITCHCRAFT)	/	1
3- 19	S-1029	@WASHER (SWITCHCRAFT) (FS = FAR SIDE)	/	1
3- 19	2157	@WASHER (SWITCHCRAFT) (NS = NEAR SIDE)	/	1
3- 19	S-1028	@WASHER (SWITCHCRAFT) (NS)	/	1
3- 20	150080-A4012	.DECAL	/	1
3- 21	C-112B	.JACK, PHONE (SWITCHCRAFT)	/	1
3- 21	S-1029	@WASHER (FS)	/	1
3- 21	2157	@WASHER (NS)	/	1
3- 21	S-1028	@WASHER (NS)	/	1
3- 22	62800-001	.TELEX BRACKET, W/MIC (TELEX)	/	1

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
3- 22	MS24693-S28	.@SCREW	I/	2
3- 22	MS21042-06	.@NUT	I/	2
3- 23	340297-051	.ESCUOTCHEON		1
3- 24	640321	DUCT ASSEMBLY, CABIN AIR (SEE 21-40-00)		REF
3- 25	340295	FLOORBOARD ASSEMBLY & INSTALLATION (SEE 53-10-00)		REF
3- 26	130359-501	.DRINK HOLDER ASSEMBLY (BLACK)	II/	2
3- 26	130359-503	.DRINK HOLDER ASSEMBLY (GRAY)(ALT)	II/	2
3- 27	130359-001	..CLOSEOUT (BLACK)	II/	1
3- 27	130359-003	..CLOSEOUT (GRAY)(ALT)	II/	1
3- 28	PS8C16DL01BK	..SCREW (COLOR TO MATCH HOLDER ASSEMBLY)	II/	2

EFFECTIVITIES:

- I 29-0001 THRU 29-0130
- II 29-0170 THRU 29-TBA

NOTES:

1. 340206-011 BRACKET AND 860015-001 BRACKET IN VACUUM INSTALLATION. SHARE ATTACHING HARDWARE

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY

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M20R & M20S - ILLUSTRATED PARTS CATALOG

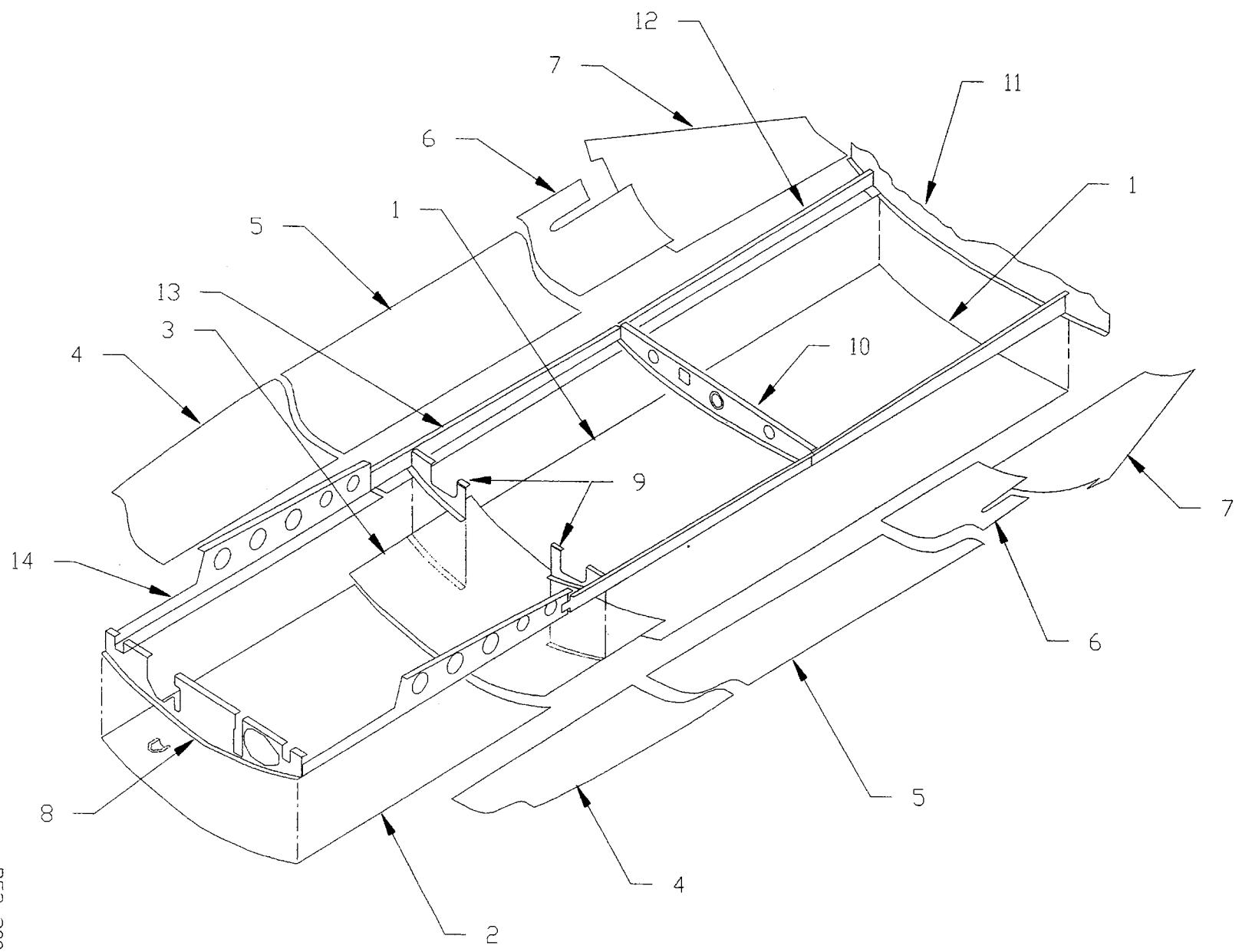


FIGURE 1 - LOWER FUSELAGE FAIRING (SMOOTH BELLY)

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
53-30-00				
1- -	310339-503	FAIRING INSTALLATION, LOWER FUSELAGE (SEE 53-50-00)		REF
1- 1	310338-501	.FAIRING ASSEMBLY, AFT		1
1- 1	310338-027	..@WASHER (FUS STA 90.25)		2
1- 1	27S3-5	..@STUD		12
1- 1	27S3-6	..@STUD (FUS STA 90.25)		2
1- 1	27S3-7	..@STUD, L/E		6
1- 1	2600-SW2	..@WASHER (TOTAL 1/STUD)		20
1- 1	PR1422-A	..@SEALANT (BEAD ON OUTSIDE EDGES)		AR
1- 2	310338-503	FAIRING ASSEMBLY, FWD		1
1- 2	310338-027	..@WASHER (FUS STA 33.75)		2
1- 2	27S3-5	..@STUD (TOTAL L/E & LH & RH)		14
1- 2	27S3-6	..@STUD (FUSE STA 33.75)		2
1- 2	27S3-7	..@STUD, T/E		6
1- 2	2600-SW2	..@WASHER (TOTAL = 1 PER STUD)		22
1- 2	PR1422-A	..@SEALANT (BEAD ON OUTSIDE EDGES)		AR
1- 3	310338-505	FAIRING ASSEMBLY, CENTER		1
1- 3	310338-027	..@WASHER (FUS STA 60.0)		2
1- 3	212-12	..RECEPTACLE		12
1- 3	27S3-5	..@STUD		4
1- 3	27S3-6	..@STUD (FUS STA 60.0)		2
1- 3	2600-SW2	..@WASHER (1/STUD)		6
1- 3	PR1422-A	..@SEALANT (PROD. RESEARCH CORP)		AR
1- 4	210108-013	FAIRING, LH		1
1- 4	210108-014	FAIRING, RH		1
1- 5	210403-001	FAIRING, LH		1
1- 5	210403-002	FAIRING, RH		1
1- 6	210398-007	FAIRING, LH (NI)		1
1- 6	210398-008	FAIRING, RH (NI)		1
1- 6	AN526-1032R8	@SCREW		4
1- 6	AN960-10	@WASHER		2
1- 6	AN365-1032	@NUT		2
1- 6	AN530-8R8	@SCREW		2
1- 6	A1789-8Z1	@NUT		2
1- 7	350209	SKIN (SEE 53-10-03)		REF
1- 7	AN526-1032R8	@SCREW		7
1- 8	310342-507	BULKHEAD ASSEMBLY (SEE 53-10-00)		REF
1- 9	310324-501	.BULKHD ASSEMBLY, LH		1
1- 9	310324-011	..CLIP		1
1- 9	310324-001	..BULKHEAD		1
1- 9	210109-011	..STIFFENER		1
1- 9	212-12	..RECEPTACLE		1
1- 9	310324-503	.BULKHD ASSEMBLY, RH		1
1- 9	310324-011	..CLIP		1
1- 9	310324-003	..BULKHEAD		1
1- 9	210109-013	..STIFFENER		1
1- 9	212-12	..RECEPTACLE		1
1- 10	310346-501	.BULKHD ASSEMBLY		1
1- 10	310346-001	..BULKHEAD		1
1- 10	08001	..ADHESIVE		1
1- 10	NMC557-16A	..GROMMET		1
1- 10	G51AH	..GROMMET (ALT)		1
1- 10	212-12	..RECEPTACLE		2

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 11	350162-043	BULKHEAD ASSEMBLY (SEE 53-10-03)		REF
1- 12	310344-501	.SUPPORT ASSEMBLY, LH		1
1- 12	310344-001	..SUPPORT		1
1- 12	310344-005	..SPICE		1
1- 12	MS21047L3	..NUTPLATE		10
1- 12	MS21051L3	..NUTPLATE		2
1- 12	212-12	..RECEPTACLE		3
1- 12	310344-502	.SUPPORT ASSEMBLY, RH		1
1- 12	310344-002	..SUPPORT		1
1- 12	310344-006	..SPICE		1
1- 12	310344-007	..ANGLE		1
1- 12	MS21047L3	..NUTPLATE		10
1- 12	MS21051L3	..NUTPLATE		2
1- 12	212-12	..RECEPTACLE		3
1- 13	310344-503	.SUPPORT ASSEMBLY, LH		1
1- 13	310344-003	..SUPPORT		1
1- 13	310327-003	..SPICE		1
1- 13	310327-011	..CLIP		1
1- 13	212-12	..RECEPTACLE		4
1- 13	310344-504	.SUPPORT ASSEMBLY, RH		1
1- 13	310344-004	..SUPPORT		1
1- 13	310327-004	..SPICE		1
1- 13	310327-011	..CLIP		1
1- 13	212-12	..RECEPTACLE		4
1- 14	310327-501	.SUPPORT ASSEMBLY, LH		1
1- 14	310327-001	..SUPPORT		1
1- 14	310327-003	..SPICE, LH, AFT		1
1- 14	310327-005	..SUPPORT, LH, AFT		1
1- 14	310327-007	..SUPPORT, LH, FORWARD		1
1- 14	310327-009	..SPICE, LH, FORWARD		1
1- 14	310327-011	..CLIP		1
1- 14	310327-015	..CLIP		1
1- 14	212-12	..RECEPTACLE		10
1- 14	MS21051L3	..NUTPLATE		2
1- 14	MS21047L3	..NUTPLATE		5
1- 14	310327-017	..SPICE, RH, AFT		1
1- 14	310327-502	.SUPPORT ASSEMBLY, RH		1
1- 14	310327-002	..SUPPORT		1
1- 14	310327-004	..SPICE, RH, AFT		1
1- 14	310327-006	..SUPPORT, RH, AFT		1
1- 14	310327-008	..SUPPORT, RH, FORWARD		1
1- 14	310327-010	..SPICE, RH, FORWARD		1
1- 14	310327-011	..CLIP		1
1- 14	212-12	..RECEPTACLE		10
1- 14	MS21051L3	..NUTPLATE		2
1- 14	310327-016	..CLIP		1
1- 14	MS21047L3	..NUTPLATE		5
1- 14	310327-018	..SPICE, RH, AFT		1

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY

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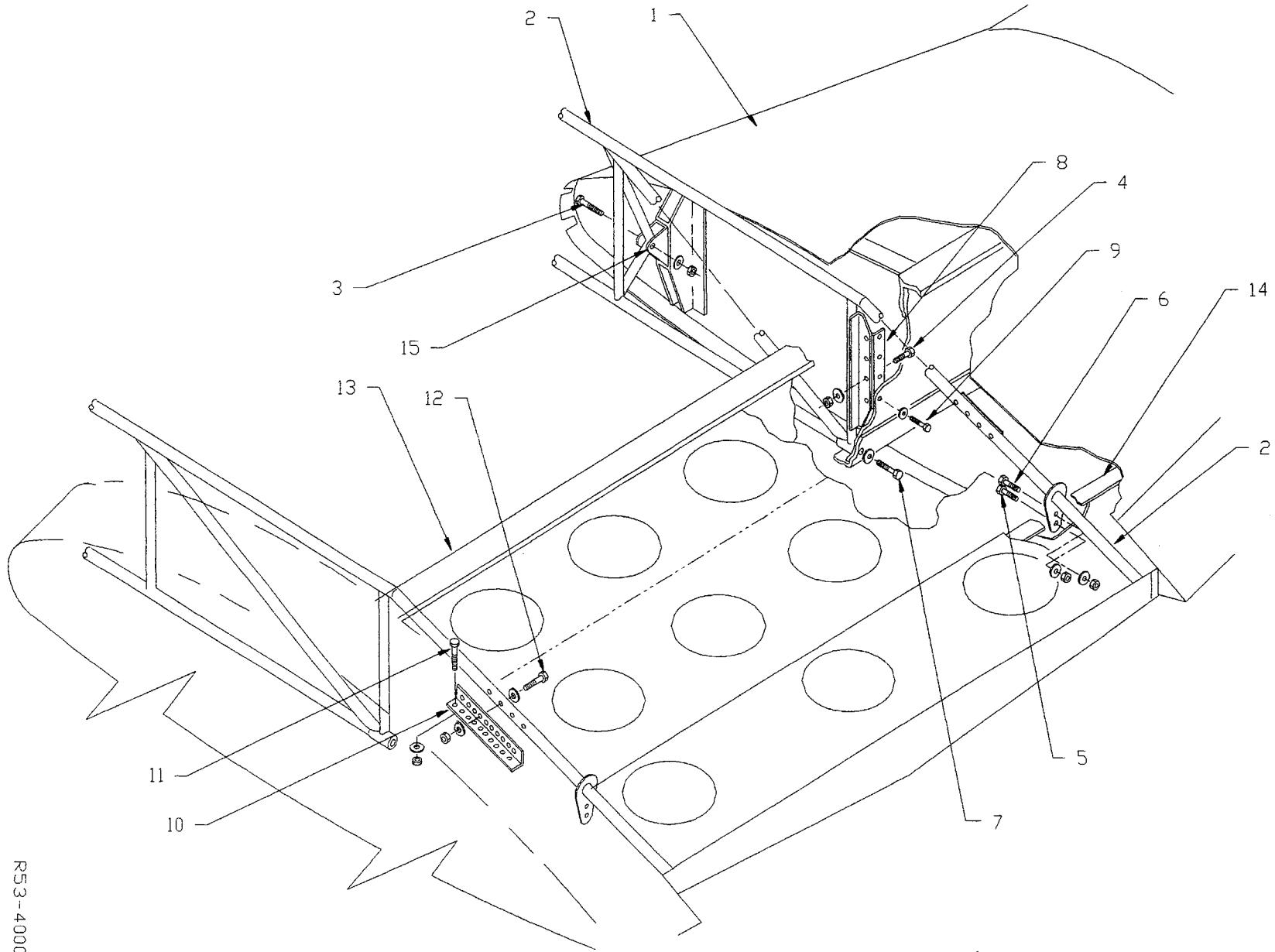


FIGURE 1 - WING/FUSELAGE ASSEMBLY

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
53-40-00				
1- -	110021-575	WING FUSELAGE ASSEMBLY (SEE 00-00-00)		REF
1- 1	220008-539	.WING, AILERON & FLAP ASSEMBLY		1
1- 1	220000-559	..WING ASSEMBLY (SEE 57-10-00 & 57-10-01)		1
1- 1	240014-509	..FLAP ASSEMBLY, LH (SEE 57-50-00)		1
1- 1	240014-510	..FLAP ASSEMBLY, RH (SEE 57-50-00)		1
1- 1	230015-507	..AILERON ASSEMBLY, LH (SEE 57-50-01)		1
1- 1	230015-508	..AILERON ASSEMBLY, RH (SEE 57-50-01)		1
1- 2	320044-509	.FUSELAGE ASSEMBLY (SEE 53-10-00)		1
1- 3	AN6-17A	.@BOLT		2
1- 3	AN960-616	.@WASHER		2
1- 3	110001-003	.@SPACER		AR
1- 3	110001-005	.@SPACER		AR
1- 3	110001-007	.@SPACER		AR
1- 3	AN363-624	.@NUT		2
1- 4	AN4-4A	.@BOLT	/1	8
1- 4	AN960-416	.@WASHER		8
1- 4	AN363-428	.@NUT		8
1- 5	AN4-16A	.@BOLT		2
1- 5	AN960-416	.@WASHER		2
1- 5	AN960-416L	.@WASHER		2
1- 5	AN363-428	.@NUT		2
1- 6	AN4-17A	.@BOLT		2
1- 6	AN960-416	.@WASHER		2
1- 6	AN960-416L	.@WASHER		2
1- 6	AN363-428	.@NUT		2
1- 7	AN7H-17A	.@BOLT		2
1- 7	AN960-716L	.@WASHER		2
1- 7	AN995-C32	.@SAFETY WIRE(NI)		AR
1- 8	340051-007	.FITTING, SHEAR, LH		AR
1- 8	340051-008	.FITTING, SHEAR, RH		AR
1- 8	340051-009	.SHEAR FITTING, LH		1
1- 8	340051-010	.SHEAR FITTING, RH		1
1- 9	AN4-4A	.@BOLT		6
1- 9	AN960-416	.@WASHER		6
1- 9	MS21042-4	.@NUT		6
1- 10	340168-001	.SHEAR FITTING, LH		1
1- 10	340168-002	.SHEAR FITTING, RH		1
1- 11	AN3-4A	.@BOLT		16
1- 11	AN960-10	.@WASHER		16
1- 11	AN363-1032	.@NUT		16
1- 12	AN4-15A	.@BOLT		10
1- 12	AN960-416	.@WASHER		10
1- 12	AN960-416L	.@WASHER		10
1- 12	AN363-428	.@NUT		10
1- 13	210000	MAIN SPAR, WING (SEE 57-10-02)		REF
1- 14	210054	SPAR ASSEMBLY, STUB (SEE 57-10-04)		REF
1- 15	210096-011	CLEVIS (SEE 57-10-00)		REF
1- 15	210096-013	CLEVIS (SEE 57-10-00)		REF

NOTES:

1. 310134-7, -9, -13, OR -15 SHIM INSTALLED BETWEEN SHEAR FITTINGS (1 SHIM ALLOWED) AS REQUIRED TO PROVIDE PROPER ALIGNMENT WITH MAIN SPAR.

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION	PART NUMBER	12345 NOMENCLATURE	EFFECT/	UNITS/
FIG-ITEM			NOTES	ASSY

2. SHIM WITH 913047-7, -9, -11, -19, -21, -23, OR -25 AS REQUIRED UP TO .125 MAXIMUM; DO NOT MIX ALUMINUM SHIMS WITH STEEL SHIMS.

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
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M20R & M20S - ILLUSTRATED PARTS CATALOG

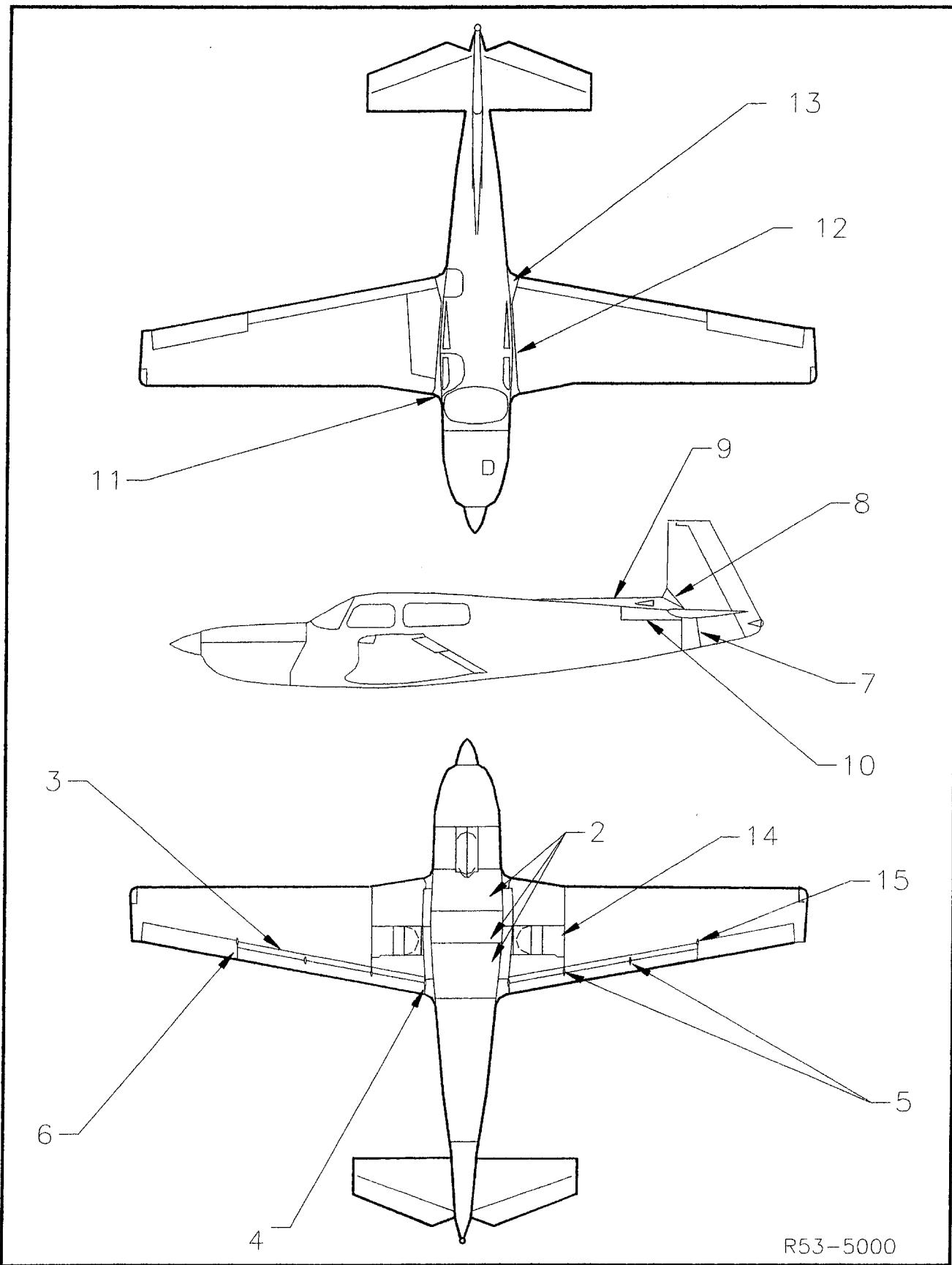
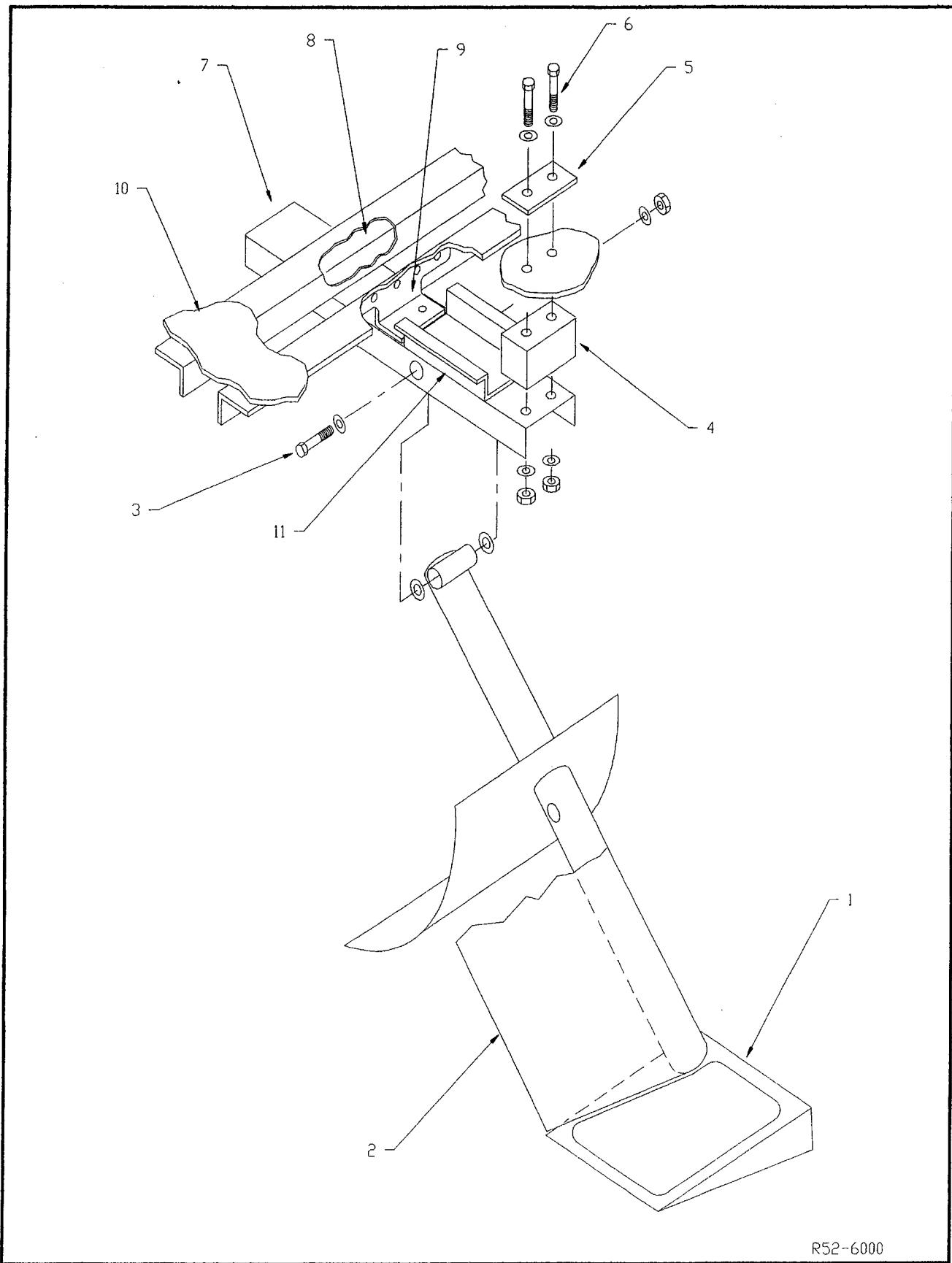


FIGURE 1 - FAIRING INSTALLATION

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
53-50-00				
1- 1	120063-511	FAIRING INSTALLATION (SEE FIG 00-00-00)		REF
1- 2	310339-503	FAIRING INSTALLATION LOWER FUSELAGE (SEE 53-30-00)		REF
1- 4	210398-007	FAIRING, INBOARD FLAP BRACKET, LH (SEE 53-30-00)		REF
1- 4	210398-008	FAIRING, INBOARD FLAP BRACKET, RH (SEE 53-30-00)		REF
1- 5	210379-013	.FAIRING INSTALLATION LH FLAP		2
1- 5	210379-014	.FAIRING INSTALLATION RH FLAP		2
1- 6	210379-015	.FAIRING INSTALLATION, LH FLAP, OUTBOARD		1
1- 6	210379-016	.FAIRING INSTALLATION, RH FLAP, OUTBOARD		1
1- 6	1601-0410	.@RIVET, AVEX		6
1- 7	470002-011	.FAIRING, LH, EMPENNAGE		1
1- 7	470002-013	.FAIRING, RH, EMPENNAGE		1
1- 7	AN526-1032R8	@SCREW		30
1- 7	MS35206-228	@SCREW		9
1- 7	A6K75	@RIVNUT		7
1- 8	440033-001	.FIN, SKIRT (SEE 55-00-00)		1
1- 9	350198-505	FIN, DORSAL (SEE 53-10-03)		REF
1- 9	1601-0410	.@RIVET, AVEX		40
1- 9	1604-0412	.@RIVET, AVEX		20
1- 10	350204-501	FAIRING ASSEMBLY (SEE 53-10-03)		REF
1- 11	120001-005	.FAIRING INSTALLATION, WING LE TO FUSELAGE, LH		1
1- 11	120001-006	.FAIRING INSTALLATION, WING LE TO FUSELAGE, RH		1
1- 11	1601-0410	.@RIVET, AVEX		15
1- 12	120001-003	.FAIRING, WING TO FUSELAGE, LH		1
1- 12	120001-004	.FAIRING, WING TO FUSELAGE, RH		1
1- 12	1601-0410	.@RIVET, AVEX		10
1- 13	120002-507	.FUSE FILLET INSTALLATION, AFT WING, LH		1
1- 13	120000-507	.FILLET, LEFTHAND FUSELAGE		1
1- 13	120002-505	.FUSE FILLET INSTALLATION, AFT WING, RH		1
1- 13	120000-505	.FILLET, RIGHTHAND FUSELAGE		1
1- 13	1601-0401	.@RIVET, AVEX		50
1- 14	560070-000	.BOOT, MAIN GEAR RETRACTION TUBE		2
1- 15	210231-001	FAIRING, AILERON CONTROL (SEE 53-10-03)		REF
1- 15	210231-002	FAIRING, AILERON CONTROL (SEE 53-10-03)		REF

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG



R52-6000

FIGURE 1 - STEP ASSEMBLY AND INSTALLATION

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
53-60-00				
1- -	950256-501	STEP INSTALLATION (SEE 95-00-00)		REF
1- 1	950256-503	.STEP ASSEMBLY		1
1- 1	950256-003	..TUBE		1
1- 1	950256-005	..GUSSET		1
1- 1	950256-007	..TUBE		1
1- 1	840071-005	..PLATE		1
1- 1	840071-009	..PLATE		2
1- 1	840071-011	..CAP		1
1- 1	840071-019	..FLEX THREAD		1
1- 2	950266-001	.FAIRING		1
1- 2	1601-0410	.@RIVET, AVEX		7
1- 2	1300	.@ADHESIVE (3M)		AR
1- 2	1102-2	.EXTRUSION		AR
1- 3	AN4-23A	.@BOLT		1
1- 3	AN960-416	.@WASHER		/1 4
1- 3	AN365-428	.@NUT		1
1- 4	950256-021	.SPACER		1
1- 5	950256-019	.SHIM		1
1- 6	AN3-26A	.@BOLT		2
1- 6	AN960-10L	.@WASHER		4
1- 6	AN365-1032	.@NUT		2
1- 7	950256-009	.CHANNEL		1
1- 8	950256-017	.CLIP		1
1- 9	950256-018	.CLIP		1
1- 10	340298	FLOORBOARD ASSEMBLY, BAGGAGE COMPT (SEE 56-20-00)		REF
1- 11	950256-023	.SUPPORT		1

NOTES

1. AN960-416L WASHERS MAY BE SUBSTITUTED FOR OR USED IN CONJUNCTION WITH AN960-416 WASHERS.

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

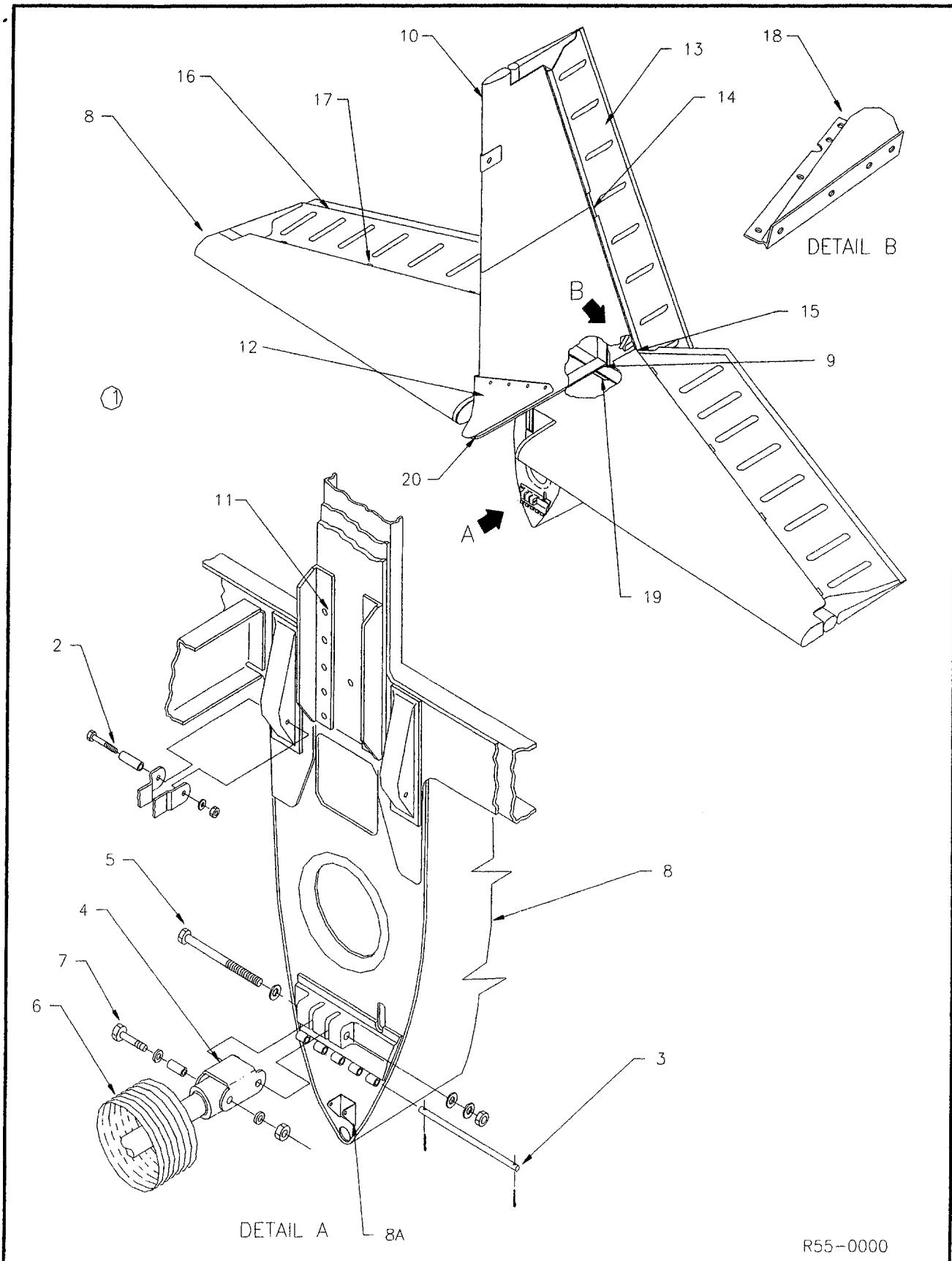


FIGURE 1 - EMPENNAGE ASSEMBLY

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
55-00-00				
1- 1	480005-535	EMPENNAGE ASSEMBLY (SEE 00-00-00)		REF
1- 2	AN174-20A	@BOLT		2
1- 2	AN960-416	@WASHER		6
1- 2	914081-003	@BUSHING		2
1- 2	AN365-428	@NUT		2
1- 3	480008-907	@PIN, HINGE		1
1- 3	440019-000	@SPACER		4
1- 3	AN381-2-8	@PIN, COTTER		2
1- 4	740170-003	.LINK, TRIM		1
1- 5	AN5H-32	.@BOLT		1
1- 5	AN960-516	.@WASHER		2
1- 5	AN310-5	.@NUT		1
1- 5	AN995-F51	.@LOCK WIRE		1
1- 6	740156-001	.DUCT, FLEX		1
1- 7	AN5H-15	.@BOLT		1
1- 7	AN960-516	.@WASHER		2
1- 7	914017-000	.@BUSHING		1
1- 7	AN310-5	.@NUT		1
1- 7	AN995-F51	.@LOCK WIRE		1
1- 8	420001-513	.STABILIZER & STINGER ASSEMBLY (SEE 55-10-00 & 55-10-01)		1
1- 8	710074-001	..STRAP		1
1- 8	710074-003	..CLIP		1
1- 9	NAS1466-2	.@HUCKBOLT		6
1- 9	NAS1080-6	.@HUCK COLLAR		6
1- 10	450000-511	.VERTICAL STABILIZER ASSEMBLY (SEE 55-30-00)		1
1- 11	NAS1466-5	.@HUCKBOLT		2
1- 11	NAS1466-6	.@HUCKBOLT		4
1- 11	NAS1466-4	.@HUCKBOLT		1
1- 11	NAS1466-7	.@HUCKBOLT		4
1- 11	NAS1080-6	.@HUCK COLLAR		11
1- 12	440033-001	.SKIRT, FIN		1
1- 12	1604-0412	.@RIVET, COUNTERSINK HEAD. (AVEX)	/1	AR
1- 12	1691-0410	.@RIVET, ROUND HEAD. (AVEX)	/1	AR
1- 13	460043-507	.RUDDER ASSEMBLY (SEE 55-40-00)		1
1- 14	AN3-11A	.@BOLT		3
1- 14	AN960-10L	.@WASHER		6
1- 14	AN365-1032	.@NUT		3
1- 14	AN3-10A	.@BOLT		1
1- 14	AN960-10L	.@WASHER		2
1- 14	AN365-1032	.@NUT		1
1- 15	914002-013	.FITTING		1
1- 15	AN3-12A	.@BOLT		2
1- 15	410035-007	.@BLOCK, RADIUS		1
1- 15	AN960-10L	.@WASHER		4
1- 15	AN365-1032	.@NUT		2
1- 16	430026-507	.ELEVATOR ASSEMBLY, LH (SEE 55-20-00)		1
1- 16	430026-508	.ELEVATOR ASSEMBLY, RH (SEE 55-20-00)		1
1- 17	AN3-11A	.@BOLT		8
1- 17	AN960-10L	.@WASHER		16
1- 17	AN365-1032	.@NUT		8
1- 18	480002-000	.FAIRING, RUDDER CONTROL		1
1- 18	CKL-P4D	.@RIVET		AR

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 18	CKL-P4B	.@RIVET		AR
1- 19	913033-000	.BELLCRANK ASSEMBLY, ELEVATORS		1
1- 19	914020-026	.BUSHING		1
1- 19	913032-000	.BELLCRANK ASSEMBLY, RUDDER (SEE 27-20-00)		1
1- 19	B-47	..BEARING (SEE 27-20-00)		2
1- 19	914020-025	.BUSHING		1
1- 19	AN3-40A	.@BOLT		1
1- 19	AN960-10L	.@WASHER		6
1- 19	AN365-1032	.@NUT		1
1- 20	X-200	.EXTRUSION, RUBBER		AR

NOTES

1. AVEX 1604-0412 RIVET IS A COUNTERSINK HEAD RIVET. AVEX 1691-0410 RIVET IS A ROUND HEAD RIVET. USE APPROPRIATE RIVET CONFIGURATION AS REQUIRED FOR REPAIRS.

MOONEY AIRCRAFT CORPORATION
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SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY

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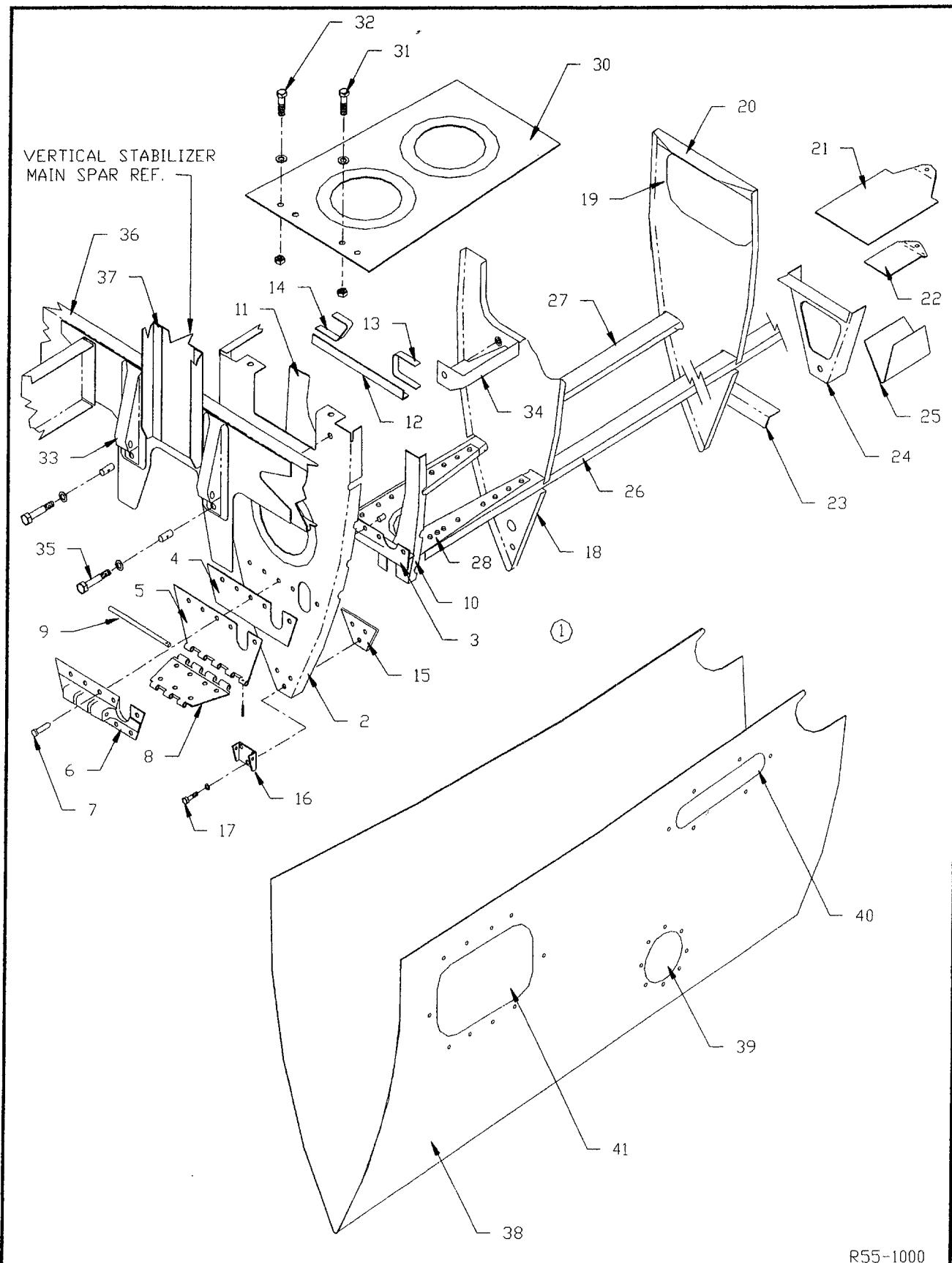


FIGURE 1 - STINGER ASSEMBLY

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
55-10-00				
1- -	420001-513	STABILIZER/STINGER ASSEMBLY (SEE 55-00-00)		REF
1- 1	420001-9711	STINGER ASSEMBLY (SPARES REPLACEMENT)		1
1- 2	410020-503	.BULKHEAD ASSEMBLY, STINGER		1
1- 2	410020-953	..BULKHEAD SUB ASSEMBLY, STINGER		1
1- 2	410020-019	..BULKHEAD		1
1- 3	410026-000	..ATTACHMENT TEE		1
1- 4	410020-013	..FILLER		1
1- 5	410020-015	..HINGE		1
1- 5	410020-027	..HINGE (ALT)		1
1- 6	410025-000	..FITTING, TRIM		1
1- 7	NAS1465-6	.@HUCKBOLT		4
1- 7	NAS1465-5	.@HUCKBOLT		6
1- 7	NAS1080-5	.@HUCK COLLAR		10
1- 8	480009	HINGE (TAILCONE) (SEE 53-10-03)		REF
1- 9	AN381-2-6	@PIN, COTTER		2
1- 9	440019-000	@SPACER		4
1- 9	480009-907	.PIN, HINGE		1
1- 10	410020-009	..ANGLE		1
1- 11	410020-010	..ANGLE		1
1- 12	410020-011	..ANGLE		1
1- 13	410029-000	..BRACKET, CONTROL STOP, RUDDER		1
1- 14	410030-000	..BRACKET, CONTROL STOP, ELEVATOR		1
1- 15	410020-021	..DOUBLER		1
1- 16	710074-003	.CLIP		1
1- 17	MS35206-245	.@SCREW		3
1- 17	AN960-8	.@WASHER		3
1- 17	MS21047L08	.@NUTPLATE (NI)		3
1- 18	410019-003	.BULKHEAD		1
1- 19	410000-000	.BULKHEAD ASSEMBLY, STRINGER AFT		1
1- 19	410000-007	..BULKHEAD		1
1- 20	410000-009	..STIFFENER		1
1- 21	460017-000	.HINGE ASSEMBLY		1
1- 21	460017-005	..BRACKET		1
1- 22	460017-003	..LUG		1
1- 23	460017-007	..CLIP		1
1- 24	460019-000	.RIB		1
1- 25	420001-009	.DOUBLER		1
1- 26	410023-501	.LONGERON ASSEMBLY		1
1- 26	410023-011	..LONGERON		1
1- 27	410023-012	..LONGERON		1
1- 28	410023-009	..SHELF		1
1- 29	410022-501	..LONGERON, LH		1
1- 29	410022-502	..LONGERON, RH		1
1- 30	410031-000	.SKIN		1
1- 31	AN3-4A	.@BOLT		2
1- 31	AN960-10L	.@WASHER		2
1- 31	AN363-1032	.@NUT		2
1- 32	AN3-5A	.@BOLT		2
1- 32	AN960-10L	.@WASHER		2
1- 32	AN363-1032	.@NUT		2
1- 33	410067-001	.FITTING, MAIN EMPENNAGE ATTACH		2
1- 33	NAS1465-2	.@HUCKBOLT		4

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SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 33	NAS1465-4	.@HUCKBOLT		6
1- 33	NAS1465-5	.@HUCKBOLT		4
1- 33	NAS1465-6	.@HUCKBOLT		2
1- 33	NAS1080-5	.@HUCK COLLAR		16
1- 34	410036-001	.STIFFENER ASSEMBLY, STRINGER		1
1- 34	410036-002	.STIFFENER ASSEMBLY, STRINGER		1
1- 35	AN4-23A	.@BOLT		2
1- 35	AN960-416	.@WASHER		2
1- 35	AN365-428	.@NUT		2
1- 36	410013-503	MAIN SPAR, STABILIZER (SEE 55-10-01)		REF
1- 37	440008-503	MAIN SPAR, FIN (SEE 55-30-00)		REF
1- 38	420001-013	.SKIN		1
1- 39	930014-000	.COVER ASSEMBLY		1
1- 39	MS35206-244	.@SCREW		8
1- 40	930016-000	.COVER ASSEMBLY		1
1- 40	MS35206-244	.@SCREW		6
1- 41	930022-505	.COVER ASSEMBLY		1
1- 41	930022-009	.PLATE		1
1- 41	RM52LHA4972-6-82	..NUTPLATE		10
1- 41	AN526-8R-7	.@SCREW		10

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SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY

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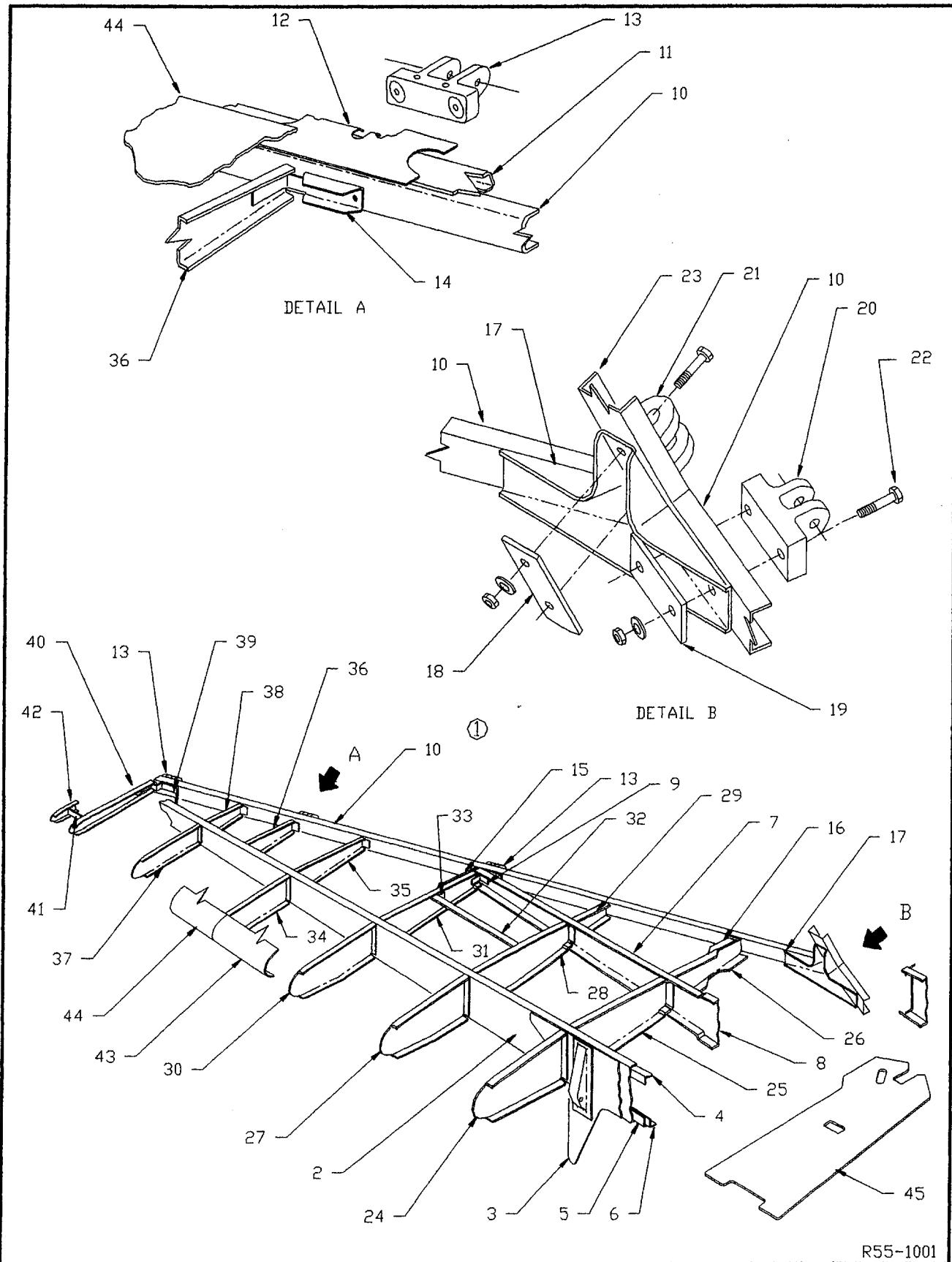


FIGURE 2 - HORIZONTAL STABILIZER ASSEMBLY

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
55-10-01				
2- 1	420001-513	STABILIZER ASSEMBLY (SEE 55-00-00)		REF
2- 2	410013-503	.SPAR ASSEMBLY, MAIN, LH/RH		1
2- 2	410013-033	..MAIN SPAR, LH		1
2- 2	410013-034	..MAIN SPAR, RH		1
2- 3	410013-035	..PLATE		1
2- 4	410013-031	..DOUBLER ANGLE		1
2- 5	410013-029	..DOUBLER ANGLE, LH		1
2- 5	410013-030	..DOUBLER ANGLE, RH		1
2- 5	NAS1465-3	..@HUCKBOLT (NI)		14
2- 5	NAS1465-4	..@HUCKBOLT (NI)		2
2- 5	NAS1080-5	..@HUCK COLLAR (NI)		16
2- 6	410013-027	..DOUBLER ANGLE		1
2- 7	410014-503	.SPAR ASSEMBLY, STUB, LH/RH		1
2- 7	410014-019	..SPAR, STUB, LH		1
2- 7	410014-020	..SPAR, STUB, RH		1
2- 7	410018-000	..CLIP		1
2- 8	410014-017	..CHANNEL		1
2- 9	410014-011	..CLIP		2
2- 10	410038-007	.SPAR, REAR, LH/RH		1
2- 11	410042-505	.SEAL, GAP, LH/RH		2
2- 11	410042-503	.SEAL, GAP, LH/RH (NI)		1
2- 12	410065-001	.SEAL, LH		1
2- 12	410065-002	.SEAL, RH		1
2- 13	914002-009	.FITTING, HINGE, LH/RH		1
2- 13	AN470AD5-19	..@RIVET, VERTICAL		2
2- 13	AN470AD5-13	..@RIVET, HORIZONTAL		2
2- 14	410032-000	.BRACKET, LH/RH		1
2- 15	410017-000	.BRACKET, LH/RH		1
2- 16	410012-007	.BRACKET, LH		2
2- 16	410012-009	.BRACKET, RH		1
2- 17	410001-000	.BRACKET, LH/RH		1
2- 18	410035-009	.BLOCK, RADIUS, LH/RH		1
2- 19	410035-007	.BLOCK, RADIUS, LH/RH		1
2- 20	914002-011	.FITTING, HINGE, LH/RH		1
2- 21	914002-013	.FITTING, HINGE, LH/RH		1
2- 22	AN3-12A	..@BOLT		4
2- 22	AN960-10L	..@WASHER		4
2- 22	AN363-1032	..@NUT		4
2- 23	440016	SPAR, VERTICAL STABILIZER (SEE 55-30-00)		REF
2- 24	410010-000	.RIB, LH/RH		1
2- 24	NAS1465-3	..@HUCKBOLT (NI)		6
2- 24	NAS1465-4	..@HUCKBOLT (NI)		2
2- 24	NAS1080-5	..@HUCK COLLAR (NI)		8
2- 25	410011-001	.RIB ASSEMBLY, LH (NON-PROCURABLE)		1
2- 25	410011-002	.RIB ASSEMBLY, RH (NON-PROCURABLE)		1
2- 25	410011-007	..RIB, MID, LH		1
2- 25	410011-008	..RIB, MID, RH		1
2- 26	410011-009	..RIB, AFT, LH		1
2- 26	410011-010	..RIB, AFT, RH		1
2- 27	410009-000	.RIB ASSEMBLY, LH/RH (NON-PROCURABLE)		1
2- 27	410009-007	..RIB, FORWARD		1
2- 28	410009-009	..RIB, MID		1

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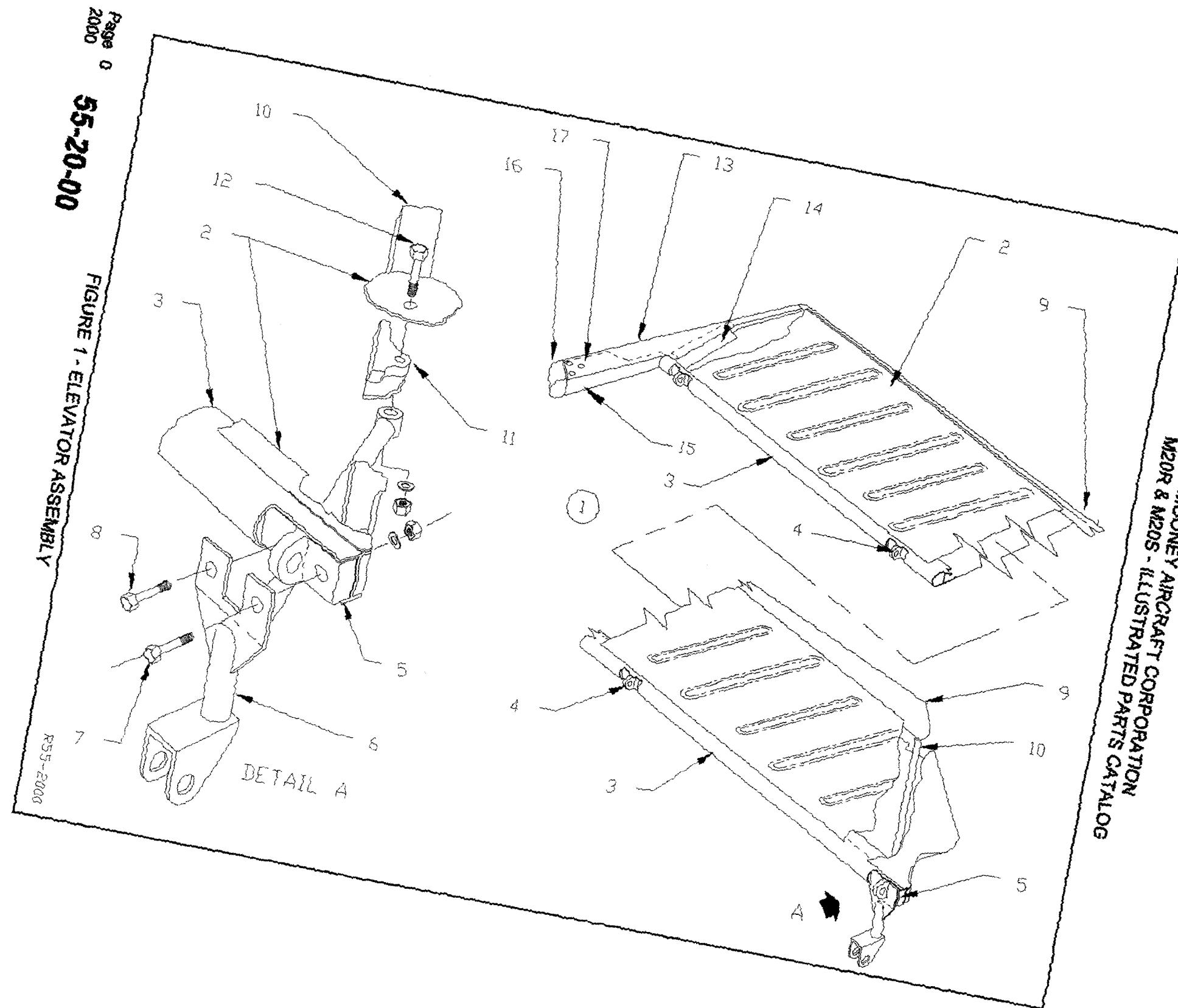
SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
2- 29	410009-011	..RIB, AFT		1
2- 30	410008-000	.RIB ASSEMBLY, LH/RH (NON-PROCURABLE)		1
2- 30	410008-007	..RIB, FORWARD		1
2- 31	410008-009	..RIB, AFT		1
2- 32	410007-000	.RIB ASSEMBLY, LH/RH (NON-PROCURABLE)		1
2- 32	410007-007	..RIB, FORWARD		1
2- 33	410007-009	..RIB, AFT		1
2- 34	410034-000	.RIB, LH/RH		1
2- 35	410006-000	.RIB ASSEMBLY, LH/RH (NON-PROCURABLE)		1
2- 35	410006-007	..RIB, FORWARD		1
2- 36	410006-009	..RIB, AFT		1
2- 37	410016-000	.BRACKET, LH/RH		1
2- 38	410005-000	.RIB, LH/RH		1
2- 39		NOT USED		
2- 40		NOT USED		
2- 41	440013-003	.BRACKET, LH/RH		1
2- 42	410004-003	.RIB, LH/RH		1
2- 43	420001-017	.SKIN, INBOARD, RH		1
2- 43	420001-015	.SKIN, INBOARD, LH		1
2- 43	930022-001	.COVER ASSEMBLY, INSPECTION (NI)		4
2- 44	420001-019	.SKIN, OUTBOARD, LH/RH		1
2- 45	420001-021	.SKIN, CENTER, LH/RH		1

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER 12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY

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FIGURE 1 - ELEVATOR ASSEMBLY

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MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
55-20-00				
1- 1	430026-507	ELEVATOR ASSEMBLY, LH (SEE 55-00-00)		REF
1- 1	430026-508	ELEVATOR ASSEMBLY, RH (SEE 55-00-00)		REF
1- 2	430026-003	.SKIN, UPPER LEFT & LOWER RIGHT		2
1- 2	430026-005	.SKIN, UPPER RIGHT & LOWER LEFT		2
1- 3	430026-017	.SPAR ASSEMBLY		1
1- 3	430026-015	..SPAR		1
1- 4	914001-503	..FITTING ASSEMBLY, HINGE		3
1- 5	914001-501	..FITTING ASSEMBLY, HINGE		1
1- 6	710029-001	.HORN, LEFT		1
1- 6	710029-002	.HORN, RIGHT		1
1- 7	AN3-7A	.@BOLT		1
1- 7	AN960-10L	.@WASHER		1
1- 7	AN363-1032	.@NUT		1
1- 8	AN3-7A	..BOLT		1
1- 8	22NAI-02	..NUTPLATE (NI)		1
1- 9	430026-019	.FIXED TAB, LH		1
1- 9	430026-020	.FIXED TAB, RH		1
1- 10	430008-501	.RIB, LH/RH		1
1- 11	430010-000	FITTING		1
1- 12	AN23-26	.@SCREW		1
1- 12	AN960-10L	.@WASHER		1
1- 12	AN310-3	.@NUT		1
1- 12	AN381-2-8	.@PIN, COTTER		1
1- 13	430054-001	.RIB		1
1- 14	430007-000	.RIB		1
1- 15	430054-003	.RIB		1
1- 16	430025-503	.WEIGHT, BALANCE		1
1- 17	NAS623-3-1	.@SCREW		3

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

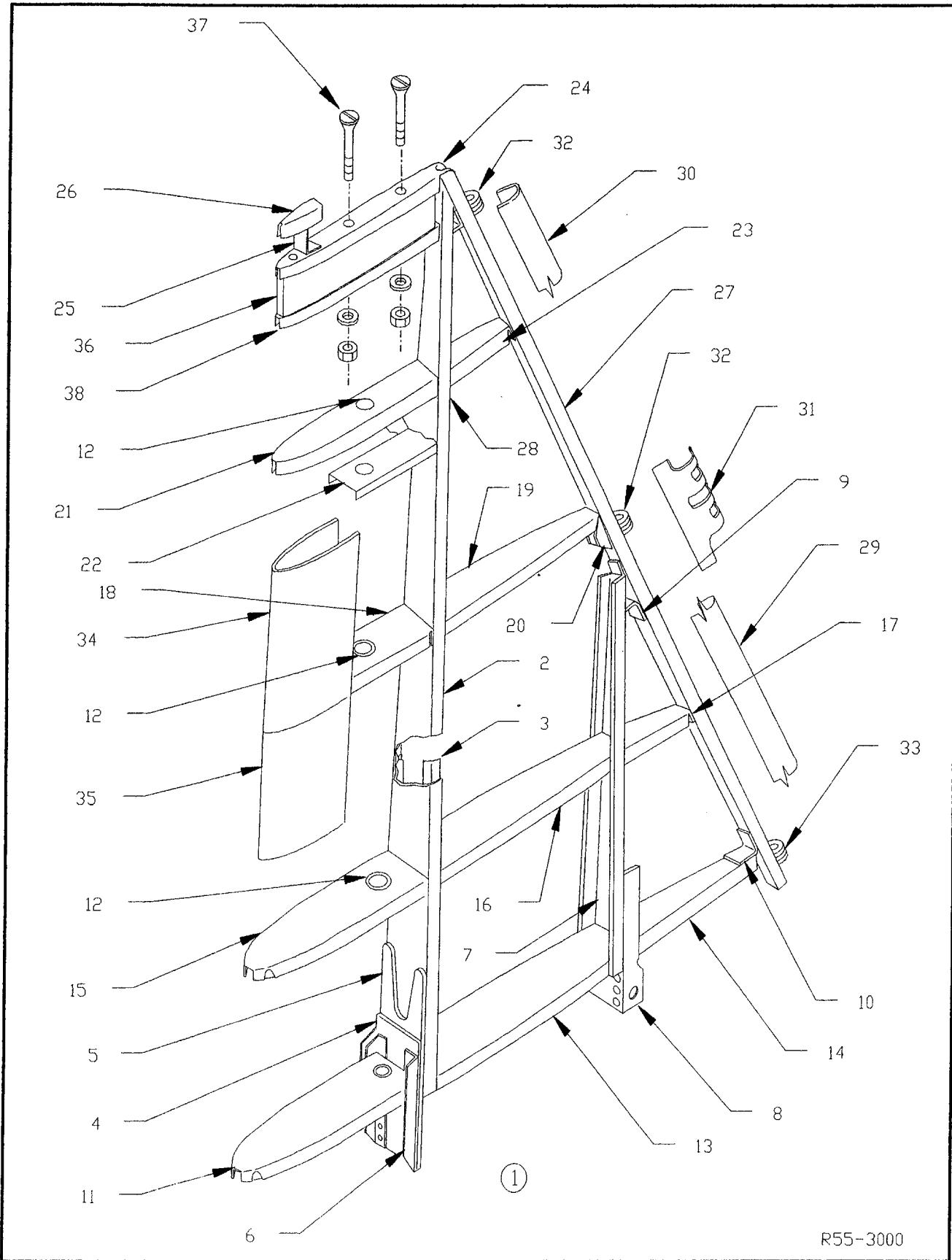
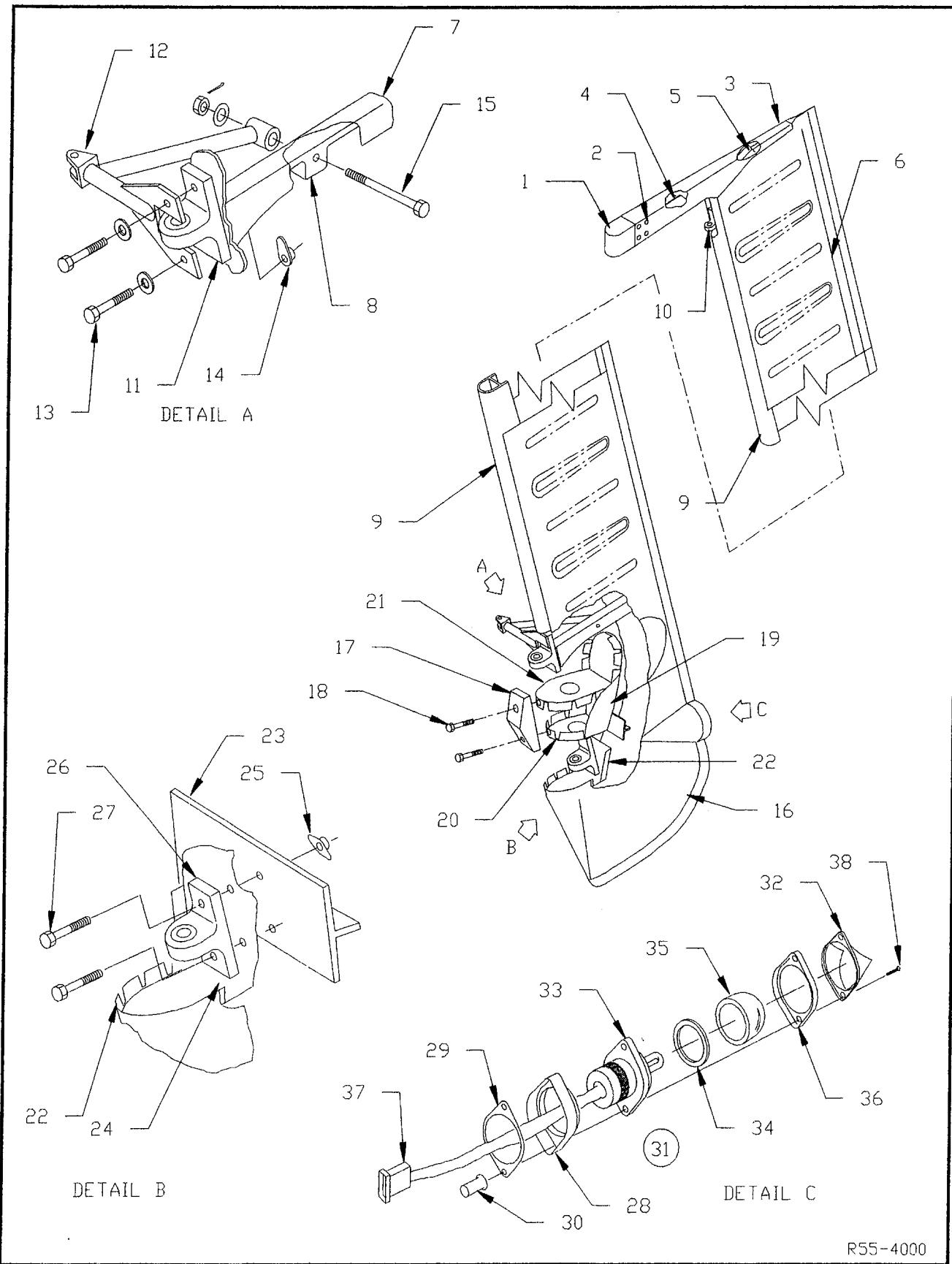


FIGURE 1 - VERTICAL STABILIZER ASSEMBLY

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
55-30-00				
1- 1	450000-511	VERTICAL STABILIZER ASSEMBLY (SEE 55-00-00)		REF
1- 2	440008-503	.SPAR ASSEMBLY, MAIN, VERTICAL STABILIZER		1
1- 2	440008-037	..SPAR, MAIN		1
1- 3	440008-011	..DOUBLER, LH		1
1- 3	440008-009	..DOUBLER, RH		1
1- 4	440008-025	..PLATE		1
1- 5	440008-023	..PLATE		1
1- 6	440008-027	..ANGLE, LH		1
1- 6	440008-029	..ANGLE, RH		1
1- 6	NAS1466-6	..@HUCKBOLT		12
1- 6	NAS-1080-6	..@HUCKCOLLAR		12
1- 7	440009-503	.SPAR ASSEMBLY, STUB		1
1- 7	440009-007	..SPAR		1
1- 8	440009-013	..CHANNEL ATTACH		1
1- 9	440011-000	.BRACKET		1
1- 10	440015-000	.CLIP		1
1- 11	440000-000	.RIB, FORWARD, LOWER		1
1- 12	AN931-8-13	.GROMMET		5
1- 13	440001-000	.RIB, MID, LOWER		1
1- 14	440002-000	.RIB, AFT, LOWER		1
1- 15	440007-000	.RIB ASSEMBLY		1
1- 15	440007-007	..RIB, FORWARD		1
1- 16	440007-009	..RIB, MID		1
1- 17	440007-011	..RIB, AFT		1
1- 18	440006-000	.RIB ASSEMBLY		1
1- 18	440006-007	..RIB, FORWARD		1
1- 19	440006-009	..RIB, AFT		1
1- 20	440014-000	.BRACKET		1
1- 21	440034-001	.RIB		1
1- 22	440035-009	.DOUBLER ASSEMBLY, LH		1
1- 22	440035-007	.DOUBLER ASSEMBLY, RH		1
1- 22	440035-001	..RIB, LH/RH		1
1- 22	440035-005	..DOUBLER, LH		1
1- 22	440035-003	..DOUBLER, RH		1
1- 22	NAS1031AK3	..NUTPLATE (4 PER ASSEMBLY)		8
1- 23	440005-009	.WEB (AFT RIB)		1
1- 24	440004-000	.RIB		1
1- 25	440013-000	.BRACKET		1
1- 26	440003-000	.RIB, TOP		1
1- 27	440016-000	.SPAR, REAR		1
1- 28	440012-000	.BRACKET		1
1- 29	410042-000	.SEAL,GAP,LOWER		1
1- 30	410042-501	.SEAL,GAP,UPPER		1
1- 31	410065-001	.SEAL, HINGE GAP		2
1- 32	914002-009	.HINGE,CENTER & UPPER		2
1- 32	AN470AD-5-13	..@RIVET		2
1- 32	AN470AD-5-20	..@RIVET		2
1- 33	914002-013	.HINGE, LOWER		1
1- 34	450000-013	.SKIN, UPPER		1
1- 35	450000-009	.SKIN, LOWER		1

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG



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FIGURE 1 - RUDDER ASSEMBLY

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
55-40-00				
1- -	460043-507	RUDDER ASSEMBLY (SEE 55-00-00)		REF
1- 1	460064-501	.BALANCE WEIGHT ASSEMBLY, RUDDER		1
1- 1	460064-001	..BALANCE WEIGHT		1
1- 1	MS51830-201L	..INSERT		8
1- 2	NAS623-3-1	.@SCREW		8
1- 3	460043-019	.RIB		1
1- 4	460043-021	.RIB		1
1- 5	460003-000	.RIB		1
1- 6	460043-003	.SKIN, LH		1
1- 6	460043-004	.SKIN, RH		1
1- 7	460006-501	.RIB		1
1- 8	430010-001	.FITTING		1
1- 9	460043-031	.SPAR ASSEMBLY		1
1- 9	460043-029	..SPAR		1
1- 10	914001-503	..FITTING, HINGE		2
1- 11	914001-501	..FITTING, HINGE		1
1- 12	460008-000	..HORN ASSEMBLY		1
1- 13	AN3-7A	..@BOLT		2
1- 13	AN960-10	..@WASHER		2
1- 13	22NA1-02	..@NUT PLATE		1
1- 14	22NA17A-02	..@NUT PLATE		1
1- 15	AN23-28	..@BOLT		1
1- 15	AN960-10L	..@WASHER		1
1- 15	AN310-3	..@NUT		1
1- 15	AN380-2-10	..@PIN, COTTER		1
1- 16	460043-033	.SKIN, LH		1
1- 16	460043-035	.SKIN, RH		1
1- 17	460025-001	.BALANCE WEIGHT		1
1- 18	AN23-27A	..@BOLT, UPPER		1
1- 18	AN23-23A	..@BOLT, LOWER		1
1- 18	AN960-10	..@WASHER		2
1- 18	MS21045-L3	..@NUT		2
1- 19	460043-005	.SKIN		1
1- 20	460043-003	.RIB		1
1- 21	460043-000	.RIB		1
1- 22	460043-015	.RIB ASSEMBLY		1
1- 22	460043-017	..RIB		1
1- 23	460043-013	..STIFFENER		1
1- 24	AN931-4-7	..GROMMET		1
1- 25	22NA1-02	..NUT PLATE		2
1- 26	914001-503	.FITTING, HINGE		1
1- 27	AN3-7A	..@BOLT		2
1- 27	AN960-10	..@WASHER		2
1- 28	470004-003	.RING		1
1- 29	470004-005	.PLATE		1
1- 30	A6-120	..@RIVNUT		2
1- 31	470013-501	.STROBE ASSEMBLY, TAIL SHIELDED		1
1- 32	470011-001	..SHIELD		1
1- 33	A625-D-M	..STROBE LIGHT ASSEMBLY (WHELEN)		1
1- 33	A627	...FLASH TUBE ASSEMBLY (WHELEN)		1
1- 34	A629	...GASKET (WHELEN)		1
1- 35	A612	...LENS (WHELEN)		1

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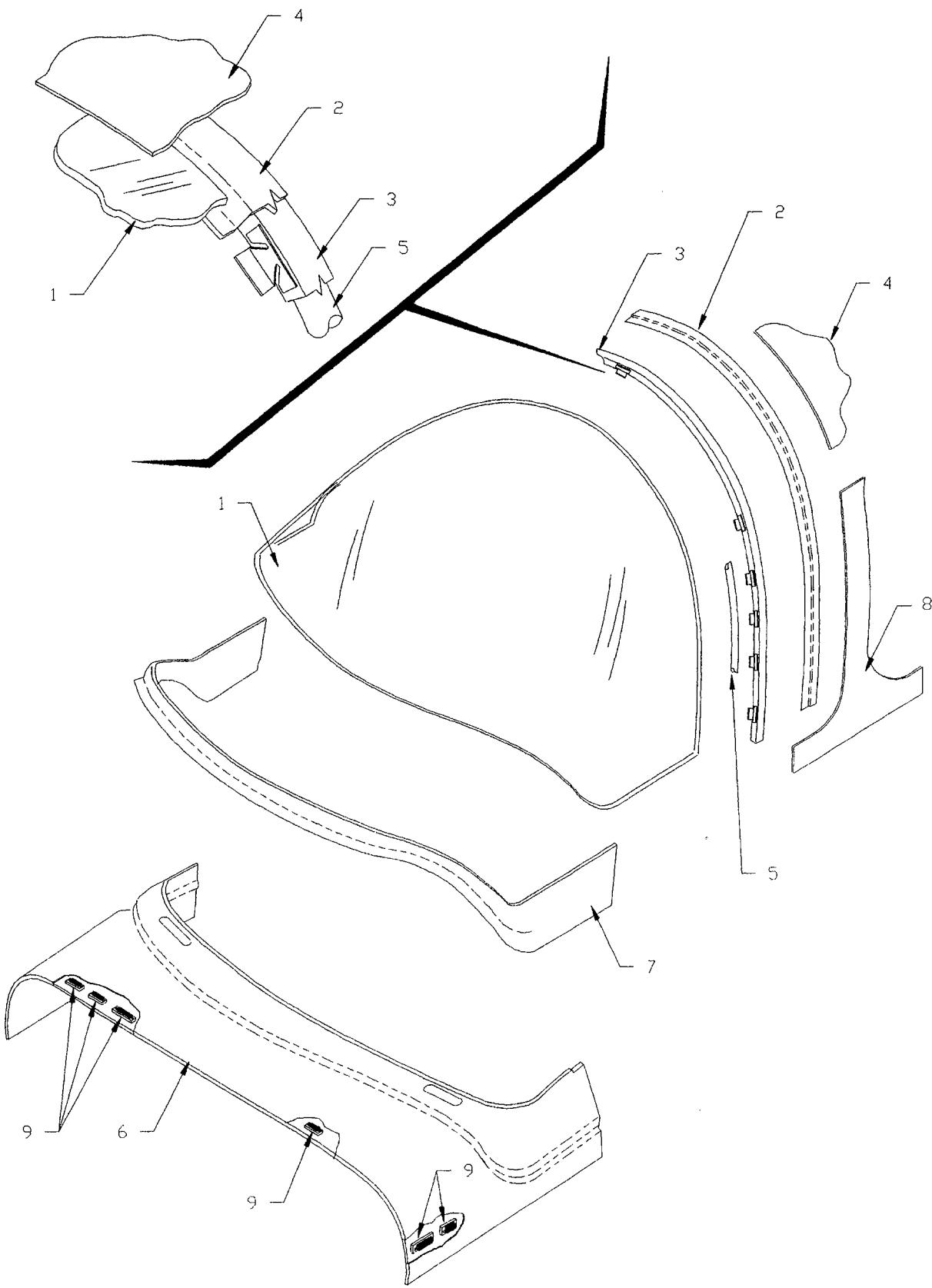
SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 36	A628	...RETAINER, LENS (WHELEN)		1
1- 37	A441	...CONNECTOR ASSEMBLY (AMP)		1
1- 37	M441	...CONNECTOR ASSEMBLY (MOLEX) (OPT)		1
1- 38	100024-001	..@SCREW, RH, PHILLIPS, S/S (6 x 32 x 1)		2

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
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MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG



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FIGURE 1 - WINDSHIELD INSTALLATION

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
56-20-00				
1- -	310313-505	WINDSHIELD INSTALLATION (SEE 53-10-00)	REF	
1- 1	310316-003	.WINDSHIELD	1	
1- 2	310314-001	.RETAINER, WINDSHIELD INTERIOR, LH	1	
1- 2	310314-002	.RETAINER, WINDSHIELD INTERIOR, RH	1	
1- 3	310259-001	BOW, WINDSHIELD, LH (SEE 53-10-00)	REF	
1- 3	310259-002	BOW, WINDSHIELD, RH (SEE 53-10-00)	REF	
1- 4	320044-037	SKIN, FORWARD (SEE 53-10-00)	REF	
1- 5	340155	TUBULAR STRUCTURE (SEE 53-10-01)	REF	
1- 6	310310-005	COWL DECK (SEE FIG 13)	REF	
1- 7	310315-001	.RETAINER, EXTERIOR	1	
1- 8	310313-005	.SKIN, LH	1	
1- 8	310313-004	.SKIN, RH	1	
1- 9	800373-505	.GROUND BLOCK INSTALLATION, COWL DECK	1	
1- 9	#203540-1	..GROUND BLOCK	2	
1- 9	#204814-1	..GROUND BLOCK	3	
1- 9	800373-005	..SPACER	1	
1- 9	800373-007	..SPACER	1	
1- 9	AN526-832R6	..@SCREW	4	
1- 9	AN509-8R8	..@SCREW	6	
1- 9	AN960-8	..@WASHER	10	
1- 9	NAS21042-08	..@NUT	10	

**MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG**

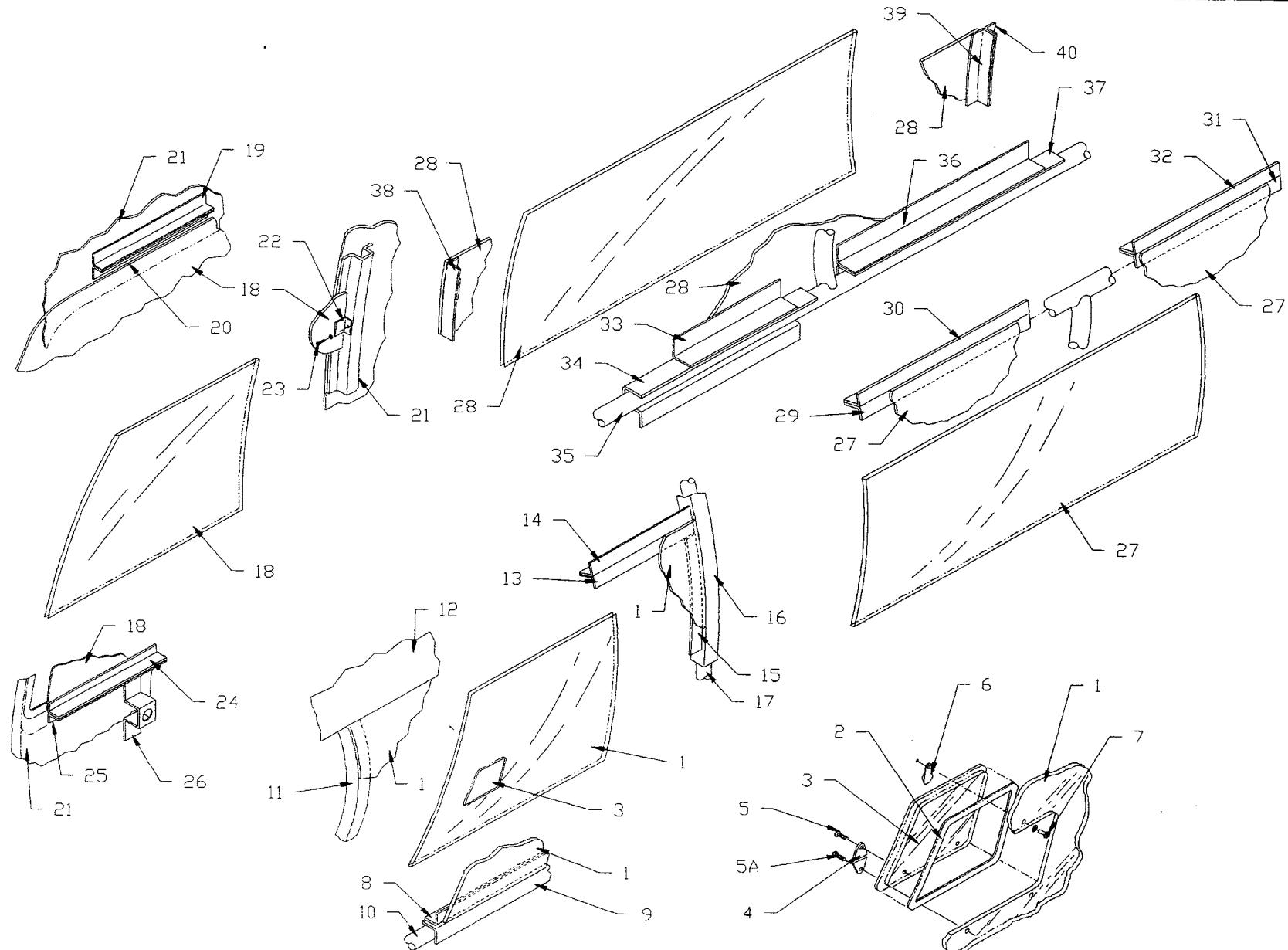


FIGURE 2 - WINDOW INSTALLATION

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
56-20-01				
2- -	340220-503	WINDOW INSTALLATION, PILOT & CABIN DOOR (SEE 53-10-00)		REF
2- 1	340220-001	.WINDOW, PILOT	/1	1
2- 2	912001-000	.GASKET, STORM WINDOW		1
2- 2	EASTMAN 910	.@ADHESIVE		AR
2- 3	310018-011	.WINDOW, STORM		1
2- 4	340125-001	.HINGE ASSEMBLY		2
2- 5	AN528-632R4	.@SCREW		2
2- 5	MS35206-226	.@SCREW (ALT)		2
2- 5	AN960-10L	.@WASHER		2
2- 5	914071-003	.@NUT		2
2- 5A	MS24693-523	.@SCREW		2
2- 5A	AN507-632R3	.@SCREW (ALT)		2
2- 5A	#7615	.@WASHER		2
2- 5A	914071-005	.@NUT		2
2- 6	917013-000	.LATCH		1
2- 7	AN526-1032R12	.@SCREW		1
2- 7	AN960-10	.@WASHER, MID		1
2- 7	AN960-10L	.@WASHER, NS & FS		2
2- 7	22K2-02	.@NUT		1
2- 8	340285-083	.RETAINER, LOWER		1
2- 8	AN530-4R6	.@SCREW		3
2- 9	320009-083	ANGLE (SEE 53-10-00)		REF
2- 10	340155	TUBE (SEE 53-10-01)		REF
2- 11	340285-071	.RETAINER, FORWARD		1
2- 11	AN530-4R6	.@SCREW		3
2- 12	320044-037	SKIN (SEE 53-10-00)		REF
2- 13	340285-069	.RETAINER, UPPER		1
2- 14	340285-019	.FORMER, UPPER		1
2- 15	340285-081	.RETAINER, AFT		1
2- 15	AN530-4R6	.@SCREW		3
2- 16	310254-003	BOW (SEE 53-10-00)		REF
2- 17	340008-503	BOW (SEE 53-10-01)		REF
2- 18	340220-003	.WINDOW, CABIN DOOR	/1	1
2- 19	340285-029	.FORMER, UPPER		1
2- 20	340285-087	.RETAINER, UPPER		1
2- 21	340124-515	CABIN DOOR ASSEMBLY & INSTALLATION (SEE 53-10-00)		REF
2- 22	340068-003	.CLIP, FORWARD & AFT		8
2- 23	1601-0410	.RIVET, BLIND		8
2- 24	340285-085	.RETAINER, LOWER		1
2- 25	340285-089	.FORMER, LOWER		1
2- 26	310334-001	.BRACKET		2
2- 26	A10-80	.RIVNUT		2
2- -	320044-505	FUSELAGE ASSEMBLY (SEE 53-10-00)		REF
2- 27	320044-013	WINDOW, LH REAR (SEE 53-10-00)	/1	REF
2- 28	320044-014	WINDOW, RH REAR (SEE 53-10-00)	/1	REF
2- 29	340285-075	.RETAINER, LH UPPER		1
2- 29	340285-076	.RETAINER, RH UPPER		1
2- 30	340285-007	.ANGLE, LH UPPER		1
2- 30	340285-008	.ANGLE, RH UPPER		1
2- 31	320044-045	RETAINER, LH UPPER (SEE 53-10-00)		REF
2- 31	320044-046	RETAINER, RH UPPER (SEE 53-10-00)		REF

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
2- 32	340285-067	ANGLE, LH UPPER (SEE 53-10-00)		REF
2- 32	340285-068	ANGLE, RH UPPER (SEE 53-10-00)		REF
2- 33	340285-073	.RETAINER, LH LOWER		1
2- 33	340285-074	.RETAINER, RH LOWER		1
2- 34	310337-011	ANGLE, LH LOWER (SEE 53-10-00)		REF
2- 34	310337-012	ANGLE, RH LOWER (SEE 53-10-00)		REF
2- 35	340155	TUBE (SEE 53-10-01)		REF
2- 36	320044-043	RETAINER, LH LOWER (SEE 53-10-00)		REF
2- 36	320044-044	RETAINER, RH LOWER (SEE 53-10-00)		REF
2- 37	320044-033	FORMER, LH LOWER (SEE 53-10-00)		REF
2- 37	320044-034	FORMER, RH LOWER (SEE 53-10-00)		REF
2- 38	340285-077	.RETAINER, LH FORWARD		1
2- 38	340285-078	.RETAINER, RH FORWARD		1
2- 39	340285-079	.RETAINER, LH AFT		1
2- 39	340285-080	.RETAINER, RH AFT		1
2- 40	340285-011	.FORMER, LH AFT		1
2- 40	340285-012	.FORMER, RH AFT		1

NOTES

1. SEAL ALL WINDOWS TO SKINS WITH PR1403-G-B, PR1428 OR EQUIVALENT SEALANT PER SERVICE AND MAINTENANCE MANUAL.

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY

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M20R & M20S - ILLUSTRATED PARTS CATALOG

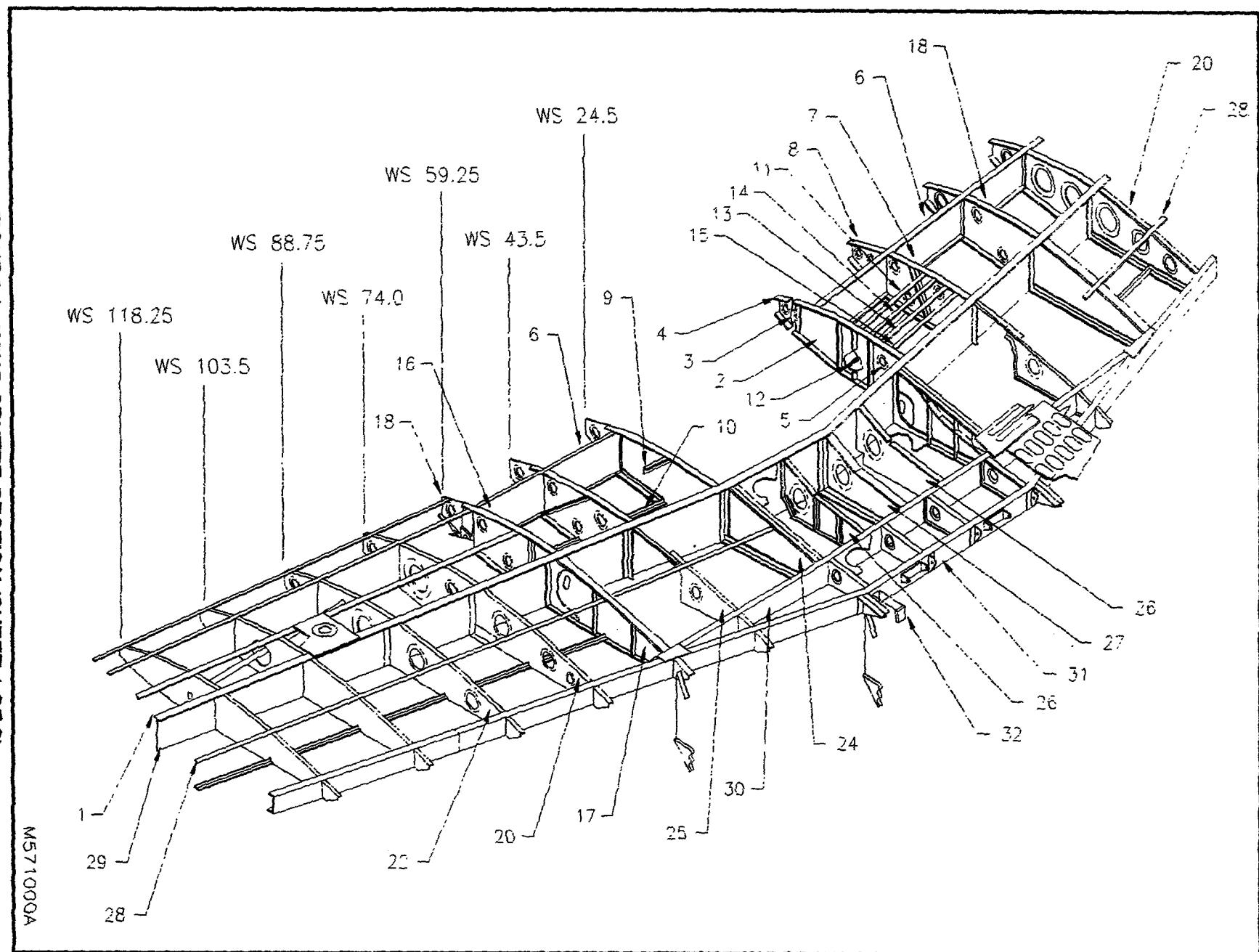
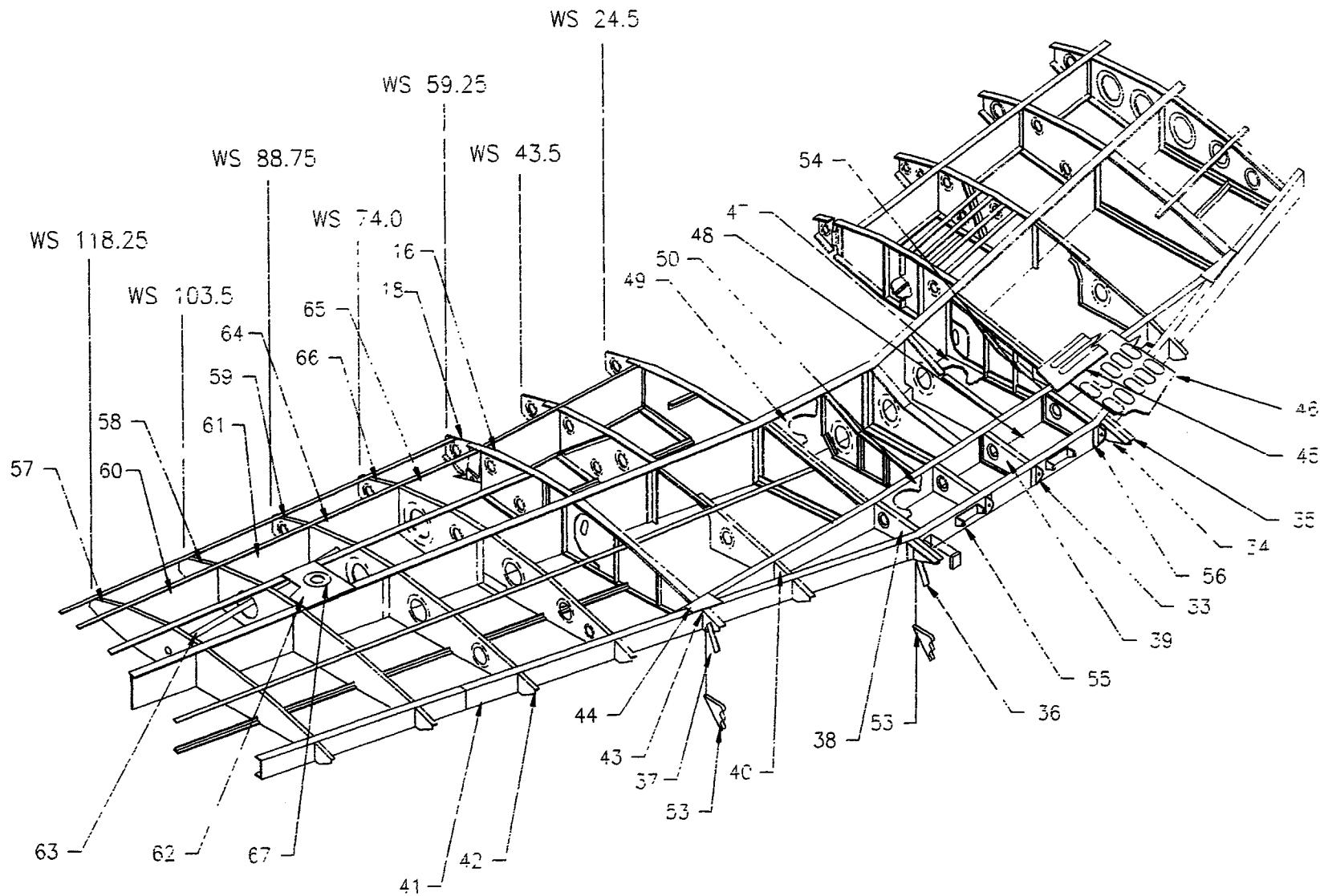


FIGURE 1 - WING CENTER SECTION (SHEET 1 OF 2)

**MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG**



MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
57-10-00				
1- -	220000-559	WING ASSEMBLY (CENTER SECTION)(SEE 53-40-00)		REF
1- 1	210000-509	MAIN SPAR ASSEMBLY (SEE 57-10-02)		1
1- 2	210026-509	.RIB ASSEMBLY, LH, FORWARD, STA. 24.5		1
1- 2	210026-510	.RIB ASSEMBLY, RH, FORWARD, STA. 24.5		1
1- 2	210026-029	.WEB, LH, REAR		1
1- 2	210026-030	.WEB, RH, REAR		1
1- 2	210026-019	.CAP, TOP, LH		1
1- 2	210026-020	.CAP, TOP, RH		1
1- 2	210026-021	.CAP, BOTTOM, LH		1
1- 2	210026-022	.CAP, BOTTOM, RH		1
1- 2	210395-501	.FITTING, LH/RH		2
1- 2	210026-009	.WEB, LH, FORWARD		1
1- 2	210026-010	.WEB, RH, FORWARD		1
1- 2	210026-023	.STIFFENER, LH/RH		2
1- 2	210026-011	.STIFFENER, LH, FORWARD, MID		1
1- 2	210026-012	.STIFFENER, RH, FORWARD, MID		1
1- 2	210026-013	.STIFFENER, LH, MID		1
1- 2	210026-014	.STIFFENER, RH, MID		1
1- 2	210026-015	.STIFFENER, LH, REAR		1
1- 2	210026-016	.STIFFENER, RH, REAR		1
1- 3	210069-007	.BRACKET, FUSELAGE ATTACH, LH		1
1- 3	210069-008	.BRACKET, FUSELAGE ATTACH, RH		1
1- 3	AN4-7A	@BOLT		2
1- 3	AN960-416	@WASHER		4
1- 3	AN365-428	@NUT		2
1- 3	AN4-10A	@BOLT		2
1- 3	AN960-416	@WASHER		4
1- 3	AN365-428	@NUT		2
1- 3	210096-011	.BRACKET		2
1- 3	210096-013	.BRACKET		2
1- 3	AN4-6A	@BOLT		1
1- 3	AN960-416L	@WASHER		2
1- 3	AN365-428C	@NUT		1
1- 4	210026-027	.BRACKET, LH/RH		2
1- 5	210026-025	.DOUBLER, LH/RH		2
1- 5	22NAIK3-62	@NUT PLATE (ESNA)		5
1- 6	210102-001	.PLATE ASSEMBLY, FUEL TANK, LH		1
1- 6	210102-002	.PLATE ASSY, FUEL TANK, RH		1
1- 6	210102-007	.FRONT, FUEL TANK, LH		1
1- 6	210102-008	.FRONT, FUEL TANK, RH		1
1- 6	210102-009	.STIFFENER, LH, LOWER		1
1- 6	210102-010	.STIFFENER, RH, LOWER		1
1- 6	210102-011	.STIFFENER, LH, UPPER		1
1- 6	210102-012	.STIFFENER, RH, UPPER		1
1- 7	210389-501	.RIB ASSEMBLY, STA. 43.5, LH		1
1- 7	210389-502	.RIB ASSEMBLY, STA. 43.5, RH		1
1- 7	210389-001	.RIB, LH		1
1- 7	210389-002	.RIB, RH		1
1- 7	210027-009	.STIFFENER, LH, FORWARD		1
1- 7	210027-010	.STIFFENER, RH, FORWARD		1
1- 7	210027-011	.STIFFENER, LH, MID		1
1- 7	210027-012	.STIFFENER, RH, MID		1

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 7	210027-013	..STIFFENER, LH, REAR		1
1- 7	210027-014	..STIFFENER, RH, REAR		1
1- 7	210394-001	..CHECK VALVE, LH/RH		2
1- 7	AN515-6R6	..SCREW		4
1- 7	AN960-6L	..WASHER		4
1- 7	AN366F-632	..NUT PLATE		4
1- 8	210028-001	.RIB ASSEMBLY, L.E., LH(STA. 43.5)		1
1- 8	210028-002	.RIB ASSEMBLY, L.E., RH(STA. 43.5)		1
1- 8	210028-007	..RIB, LH		1
1- 8	210028-008	..RIB, RH		1
1- 8	49244	..BAND, LH		1
1- 8	49246	..BAND, RH		1
1- 8	N49216	..CLIP, RH		1
1- 8	#6 x 3/8	..@SCREW		1
1- 8	210028-009	..PLATE, FORMICA, LH		1
1- 9	220000-029	.STRINGER, UPPER, LH		1
1- 10	220000-031	.STRINGER LOWER, LH		1
1- 11	220000-030	.STRINGER, UPPER, RH		1
1- 11	210198-000	.STRINGER, RH		1
1- 12	220000-032	.STRINGER, LOWER, RH, BOTTOM		1
1- 13	220000-100	.STRINGER, WING WALK, RH (-034 SPARES REPLACEMENT)		1
1- 14	220000-034	.STRINGER, WING WALK, RH		1
1- 15	220000-102	.STRINGER, WING WALK, RH (-034 SPARES REPLACEMENT)		1
1- 16	210029-503	.RIB ASSEMBLY, LH(STA. 59.25)		1
1- 16	210029-504	.RIB ASSEMBLY, RH(STA. 59.25)		1
1- 17	210029-003	..RIB ASSEMBLY, TE, LH		1
1- 17	210029-004	..RIB ASSEMBLY, TE, RH		1
1- 17	210031-007	..BRACKET, CORNER, UPPER, LH		1
1- 17	210031-008	..BRACKET, CORNER, UPPER, RH		1
1- 17	210032-007	..BRACKET, CORNER, LOWER, LH		1
1- 17	210032-008	..BRACKET, CORNER, LOWER, RH		1
1- 17	210029-023	...STIFFENER, LH/RH		2
1- 17	210029-025	...STIFFENER, LH/RH		2
1- 17	210029-027	...BRACKET, LH		1
1- 17	210029-028	...BRACKET, RH		1
1- 17	210029-039	...CLIP, LH/RH		2
1- 17	210029-019	...WEB, LH		1
1- 17	210029-020	...WEB, RH		1
1- 17	210029-033	...CAP, UPPER, LH		1
1- 17	210029-034	...CAP, UPPER, RH		1
1- 17	210029-035	...CAP, LOWER, LH		1
1- 17	210029-036	...CAP, LOWER, RH		1
1- 17	210030-007	...BRACKET, LH		1
1- 17	210030-008	...BRACKET, RH		1
1- 17	210415-501	...EYEBOLT ASSEMBLY		2
1- 18	210029-053	.RIB ASSEMBLY, LH, FORWARD(STA. 59.25)		1
1- 18	210029-054	.RIB ASSEMBLY, RH, FORWARD,(STA. 59.25)		1
1- 18	210029-009	..RIB, LH, FORWARD		1
1- 18	210029-010	..RIB, RH, FORWARD		1
1- 18	210029-037	...DOUBLER, LH		1
1- 18	210029-038	...DOUBLER, RH		1
1- 18	210029-051	...WEB, LH		1
1- 18	210029-052	...WEB, RH		1

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 18	210029-017	...BLOCK, FORMICA		2
1- 18	210029-011	...STIFFENER, LH/RH		2
1- 18	210029-013	...STIFFENER, LH/RH		2
1- 18	210029-015	...STIFFENER, LH/RH		2
1- 18	210033-007	...BRACKET, LOWER, LH, OUTBOARD		1
1- 18	210033-008	...BRACKET, LOWER, RH, OUTBOARD		1
1- 18	210034-007	...BRACKET, LOWER, LH, INBOARD		1
1- 18	210034-008	...BRACKET, LOWER, RH, INBOARD		1
1- 18	210035-007	...BRACKET, UPPER, RH, OUTBOARD		1
1- 18	210035-008	...BRACKET, UPPER, RH, OUTBOARD		1
1- 18	210036-007	...BRACKET, UPPER, LH, INBOARD		1
1- 18	210036-008	...BRACKET, UPPER, RH, INBOARD		1
1- 18	NAS1466-6	...HUCKBOLT		4
1- 18	NAS1466-7	...HUCKBOLT		4
1- 18	NAS1080-6	...HUCKCOLLAR		8
1- 18	210029-047	...CAP, LOWER, LH		1
1- 18	210029-048	...CAP, LOWER, RH		1
1- 18	210029-049	...CAP, UPPER, LH		1
1- 18	210029-050	...CAP, UPPER, RH		1
1- 19	-	NOT USED		
1- 20	210038-003	.RIB SUB ASSEMBLY, LH(STA.74.00)		1
1- 20	210038-004	.RIB SUB ASSEMBLY, RH(STA. 74.00)		1
1- 20	210038-009	..RIB, LH		1
1- 20	210038-010	..RIB, RH		1
1- 20	210038-013	..GUSSET, LOWER, LH		1
1- 20	210038-014	..GUSSET, LOWER, RH		1
1- 20	210038-017	..GUSSET, UPPER, LH		1
1- 20	210038-018	..GUSSET, UPPER, RH		1
1- 21	-	NOT USED		
1- 22	210039-009	.RIB, LH, AFT. (STA 88.75)		1
1- 22	210039-010	.RIB, RH, AFT. (STA 88.75)		1
1- 23	-	NOT USED		
1- 24	210408-501	.RIB ASSEMBLY, LH (STA 21.125)		1
1- 24	210408-502	.RIB ASSEMBLY, RH (STA 21.125)		1
1- 24	210022-001	..RIB ASSEMBLY, LH		1
1- 24	210022-002	..RIB ASSEMBLY, RH		1
1- 24	210023-007	..Z-RAIL, LH		1
1- 24	210023-008	..Z-RAIL, RH		1
1- 24	550086-501	..BRACKET ASSEMBLY, ACTUATOR, MLG, LH, INBOARD		1
1- 24	550086-502	..BRACKET ASSEMBLY, ACTUATOR, MLG, RH, INBOARD		1
1- 24	550086-001	...BRACKET, LH/RH		2
1- 24	550086-003	...BRACKET, LH/RH		2
1- 24	MS21069-L3NUTPLATE, LH/RH		2
1- 24	AN3-3A	...@BOLT		2
1- 24	AN960-10	...@WASHER		2
1- 24	AN963-B10	...@WASHER		2
1- 24	AN42B-3A	..EYEBOLT		1
1- 24	AN970-3	..WASHER		1
1- 24	MS21045-3	..NUT		1
1- 25	210120-001	.RIB ASSEMBLY, LH, AFT (STA 43.5)		1
1- 25	210120-002	.RIB ASSEMBLY, RH, AFT (STA 43.5)		1
1- 25	210120-007	..RIB, LH		1
1- 25	210120-008	..RIB, RH		1

MOONEY AIRCRAFT CORPORATION
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SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 25	210120-011	..STIFFENER, LH		1
1- 25	210120-012	..STIFFENER, RH		1
1- 25	210120-013	..TIE, LH/RH		2
1- 25	210120-015	..EXTRUSION, LH		1
1- 25	210120-016	..EXTRUSION, RH		1
1- 25	210120-017	..FILLER STRIP, LH/RH		2
1- 25	210120-019	..CUSHION, LH/RH		2
1- 25	210061-000	..FILLER		1
1- 26	210021-001	.RIB ASSEMBLY, LH (STA 9.125)		1
1- 26	210021-002	.RIB ASSEMBLY, RH (STA 9.125)		1
1- 26	210021-007	..RIB, LH		1
1- 26	210021-008	..RIB, RH		1
1- 26	210021-015	..STIFFENER, LH		1
1- 26	210021-017	..STIFFENER, RH		1
1- 26	210021-018	..STIFFENER, LH		1
1- 26	210021-019	..STIFFENER, RH		1
1- 27	210020-501	.RIB ASSEMBLY, CENTER (STA 0.000)		1
1- 27	210068-007	..BRACKET, LH		1
1- 27	210068-008	..BRACKET, RH		1
1- 27	210020-003	..WEB		1
1- 27	210020-005	..CAP		1
1- 27	210020-011	..CAP		1
1- 27	210020-019	..CAP		1
1- 27	210020-009	..STIFFENER		1
1- 27	210020-013	..STIFFENER		1
1- 28	220000-027	.STRINGER, UPPER, LH		1
1- 28	220000-028	.STRINGER, UPPER, RH		1
1- 28	210402-001	.STRINGER, SHIELD		2
1- 29	210018-000	.SPLICE PLATE LH/RH		2
1- 29	210065-000	.FILLER, LH/RH		2
1- 30	210054-505	.SPAR ASSEMBLY, STUB (SEE 57-10-04)		1
1- 31	210057-503	.SPAR ASSEMBLY, REAR, (SEE 57-10-04)		1
1- 32	210115-009	.SPACER, REAR SPAR, LH		1
1- 32	210115-010	.SPACER, REAR SPAR, RH		1
1- 33	750098-501	.HINGE, FLAP JACKSHAFT, LH		1
1- 33	750098-502	.HINGE, FLAP JACKSHAFT, RH		1
1- 33	750098-005	..HINGE, LH		1
1- 33	750098-006	..HINGE, RH		1
1- 33	LSS-3	..BEARING, LH/RH		2
1- 33	AN3-13A	..@BOLT		2
1- 33	AN960-10	..@WASHER		2
1- 33	MS21042L3	..@NUT		2
1- 33	750012-007	..SPACER, TAPERED, LH/RH		2
1- 34	210050-009	.RIB, TE, LH, INBOARD		1
1- 34	210050-010	.RIB, TE, RH, INBOARD		1
1- 35	210049-007	.RIB, TE, LH, OUTBOARD		1
1- 35	210049-008	.RIB, TE, RH, OUTBOARD		1
1- 36	210104-000	.ARM, FLAP HINGE, LH/RH		2
1- 36	AN3-5A	@BOLT		2
1- 36	AN960-10L	@WASHER,		4
1- 36	AN363-1032	@NUT		2
1- 37	210105-501	.ARM, FLAP HINGE LH/RH		2
1- 37	AN3-5A	@BOLT, LH/RH		2

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SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 37	AN960-10L	.@WASHER		4
1- 37	AN363-1032	.@NUT		2
1- 38	210053-007	.RIB, LH		1
1- 38	210053-008	.RIB, RH		1
1- 39	210052-007	.RIB, LH		1
1- 39	210052-008	.RIB, RH		1
1- 40	210120-009	.RIB, LH		1
1- 40	210120-010	.RIB, RH		1
1- 41	210019-001	.SPAR ASSEMBLY, REAR, LH		1
1- 41	210019-002	.SPAR ASSEMBLY, REAR, RH		1
1- 42	210048-007	.RIB, TE, LH		3
1- 42	210048-008	.RIB, TE, RH		3
1- 43	210050-007	.RIB, TE, LH		1
1- 43	210050-008	.RIB, TE, RH		1
1- 44	210058-007	.SPLICING PLATE, LH		1
1- 44	210058-008	.SPLICING PLATE, RH		1
1- 45	210094-000	.SUPPORT, WING WALK		1
1- 46	210095-000	.SUPPORT, WING WALK, TE		1
1- 46	210356-001	.PLATE, TRIM SUPPORT(SEE 27-40-01)		1
1- 47	210073-000	.PANEL, BOTTOM		1
1- 47	210071-000	.STRIP, SEAT ATTACH		1
1- 48	210076-000	.SKIN, BOTTOM, TE		1
1- 49	210072-503	.SEAT BOTTOM, TE	/1	1
1- 49	210112-001	..COVER, LIGHTENING HOLE		8
1- 49	AN530-4R4	..@SCREW		4
1- 49	210419-501	.SEAT BOTTOM, TE	/1	1
1- 49	210112-001	..COVER, LIGHTENING HOLE		4
1- 49	210419-003	..COVER, ACCESS		2
1- 49	MS21061-L08K	...PLATE NUT		13
1- 49	MS35206-245	..@SCREW		13
1- 50	210075-501	.WEB, CENTER, TE		1
1- 51	-	NOT USED		
1- 52	-	NOT USED		
1- 53	210106-501	.FAIRING, LH, FLAP HINGE		1
1- 53	210106-502	.FAIRING, RH, FLAP HINGE		1
1- 54	210088-009	.BRACKET, LH/RH		2
1- 54	AN3-4A	..@BOLTS		2
1- 54	AN960-10L	..@WASHER		4
1- 54	AN365-1032	..@NUT		2
1- 55	913007-000	.BRACKET		2
1- 56	750098-001	.HINGE ASSEMBLY, LH		1
1- 56	750098-002	.HINGE ASSEMBLY, RH		1
1- -	210217-501	.FUEL TANK, 50 GAL, WING, LH		1
1- -	210217-502	.FUEL TANK, 50 GAL, WING, RH		1
1- 57	210217-027	..RIB ASSEMBLY, FORWARD, LH, (STA 118.25)		1
1- 57	210217-028	..RIB ASSEMBLY, FORWARD, RH, (STA 118.25)		1
1- 57	210217-001	...RIB, LH		1
1- 57	210217-002	...RIB, RH		1
1- 57	210026-025	...DOUBLER, TRANSMITTER, LH/RH		1
1- 57	210390-001	...PLATE, FUEL OUTLET, LH/RH		1
1- 57	AN816-4-4DADAPTER	/2	1
1- 57	22NAIK-02	...NUTPLATE, LH/RH		5
1- 57	210217-019	..STIFFENER, LH		1

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 57	210217-020	..STIFFENER, RH		1
1- 57	210393-507	..VENT INSTALLATION, LH		1
1- 57	210393-508	..VENT INSTALLATION, RH		1
1- 58	210217-003	..RIB, FORWARD, LH (STA 103.5)		1
1- 58	210217-004	..RIB, FORWARD, RH,(STA 103.5)		1
1- 58	210217-021	..STIFFENER, LH/RH		1
1- 59	210217-005	..RIB, FORWARD, LH (STA 88.75)		1
1- 59	210217-006	..RIB, FORWARD, RH (STA 88.75)		1
1- 59	210217-023	..STIFFENER, LH/RH		1
1- 60	210217-007	..BAFFLE, FUEL, LH		1
1- 60	210217-008	..BAFFLE, FUEL, RH		1
1- 61	210217-009	..BAFFLE, FUEL, LH		1
1- 61	210217-010	..BAFFLE, FUEL, RH		1
1- 62	210217-029	..DOUBLER, FUEL INLET, LH		1
1- 62	210217-030	..DOUBLER, FUEL INLET, RH		1
1- 63	210217-017	..TUNNEL ASSEMBLY, LH		1
1- 63	210217-018	..TUNNEL ASSEMBLY, RH		1
1- 63	210217-011	...FLANGE, LH/RH		1
1- 63	210217-013	...FLANGE, LH/RH		1
1- 63	210217-015	...TUNNEL, LH/RH		1
1- 63	210217-025	...FAIRLEAD, LH/RH		3
1- 64	210387-501	..BAFFLE, FUEL, LH		1
1- 64	210387-502	..BAFFLE, FUEL, RH		1
1- 65	220004-007	..WEB, FUEL BAFFLE, LH		1
1- 65	220004-008	..WEB, FUEL BAFFLE, RH		1
1- 65	220004-009	..WEB, FUEL BAFFLE, LH/RH		1
1- 66	220004-019	..RIB ASSEMBLY, FORWARD, LH (STA 74.0)		1
1- 66	220004-020	..RIB ASSEMBLY, FORWARD, RH (STA 74.0)		1
1- 66	220004-021	..RIB, LH		1
1- 66	220004-022	..RIB, RH		1
1- 66	210038-011	...GUSSET, LOWER, LH		1
1- 66	210038-012	...GUSSET, LOWER, RH		1
1- 66	210038-015	...GUSSET, UPPER, LH		1
1- 66	210038-016	...GUSSET, UPPER, RH		1
1- 66	210038-019	...DOUBLER, LH/RH		1
1- 66	210038-021	...DOUBLER, LH/RH		1
1- 67	610185-501	..FUEL CAP ASSEMBLY, LH/RH		2

NOTES:

1. SEAT BOTTOM 210419-501 CAN BE USED FOR ALL SPARE PARTS APPLICATIONS TO REPLACE 210072-503. 210419-501 IS CONFIGURATION USED FOR AIRCRAFT WHEN THE TKS SYSTEM IS INSTALLED.
2. CS205x4x4 CONNECTOR (WEATHERHEAD) OR AN912-1D BUSHING AND AN816-4D ADAPTER ARE OPTIONAL FOR AN816-4-4D ADAPTER.

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
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SUBSTITUTE/REPLACEMENT PART NUMBERS (IF DESIRED)

HUCKBOLT NUMBER	SUBSTITUTE N A S NO.	SUBSTITUTE HI-LOK NO.	SUBSTITUTE HI-LOK (W/COLLAR)
R3001-T5-2	NAS1465-2	HL20-5-2	HL2086-5-2
R3001-T5-3	NAS1465-3	HL20-5-3	HL2086-5-3
R3001-T5-4	NAS1465-4	HL20-5-4	HL2086-5-4
R3001-T5-5	NAS1465-5	HL20-5-5	HL2-86-5-5
R3001-T5-6	NAS1465-6	HL20-5-6	HL2086-5-6
R3001-T5-7	NAS1465-7	HL20-5-7	HL2086-5-7
R3001-T5-8	NAS1465-8	HL20-5-8	HL2086-5-8
R3001-T5-9	NAS1465-9	HL20-5-9	HL2086-5-9
R3001-T5-10	NAS1465-10	HL20-5-10	HL2086-5-10
R3001-T6-2	NAS1466-2	HL20-6-2	HL2086-6-2
R3001-T6-3	NAS1466-3	HL20-6-3	HL2086-6-3
R3001-T6-4	NAS1466-4	HL20-6-4	HL2086-6-4
R3001-T6-5	NAS1466-5	HL20-6-5	HL2086-6-5
R3001-T6-6	NAS1466-6	HL20-6-6	HL2086-6-6
R3001-T6-7	NAS1466-7	HL20-6-7	HL2086-6-7
R3001-T6-8	NAS1466-8	HL20-6-8	HL2086-6-8
R3001-T6-9	NAS1466-9	HL20-6-9	HL2086-6-9
R3001-T6-10	NAS1466-10	HL20-6-10	HL2086-6-10
R3001-T6-11	NAS1466-11	HL20-6-11	HL2086-6-11
R3001-T6-12	NAS1466-12	HL20-6-12	HL2086-6-12
R3001-T6-13	NAS1466-13	HL20-6-13	HL2086-6-13
R3001-T6-14	NAS1466-14	HL20-6-14	HL2086-6-14
R3001-T6-15	NAS1466-15	HL20-6-15	HL2086-6-15
R3001-T6-16	NAS1466-16	HL20-6-16	HL2086-6-16
R3001-T6-17	NAS1466-17	HL20-6-17	HL2086-6-17
R3001-T6-18	NAS1466-18	HL20-6-18	HL2086-6-18
R3001-T6-19	NAS1466-19	HL20-6-19	HL2086-6-19
R3014-T5-2	NAS1475-2	HL19-5-2	HL1994-5-2
R3014-T5-3	NAS1475-3	HL19-5-3	HL1994-5-3
R3014-T5-4	NAS1475-4	HL19-5-4	HL1994-5-4
R3014-T5-5	NAS1475-5	HL19-5-5	HL1994-5-5
R3014-T5-6	NAS1475-6	HL19-5-6	HL1994-5-6
R3014-T5-7	NAS1475-7	HL19-5-7	HL1994-5-7
SLSP-T4-4	NAS1424-4		
SLSP-T4-5	NAS1424-5		

SEPARATE COLLARS SUBSTITUTES

LC-C5	NAS1080-5	HL86-5
LC-C6	NAS1080-6	HL86-6
DC-C4	NAS1080-C4	

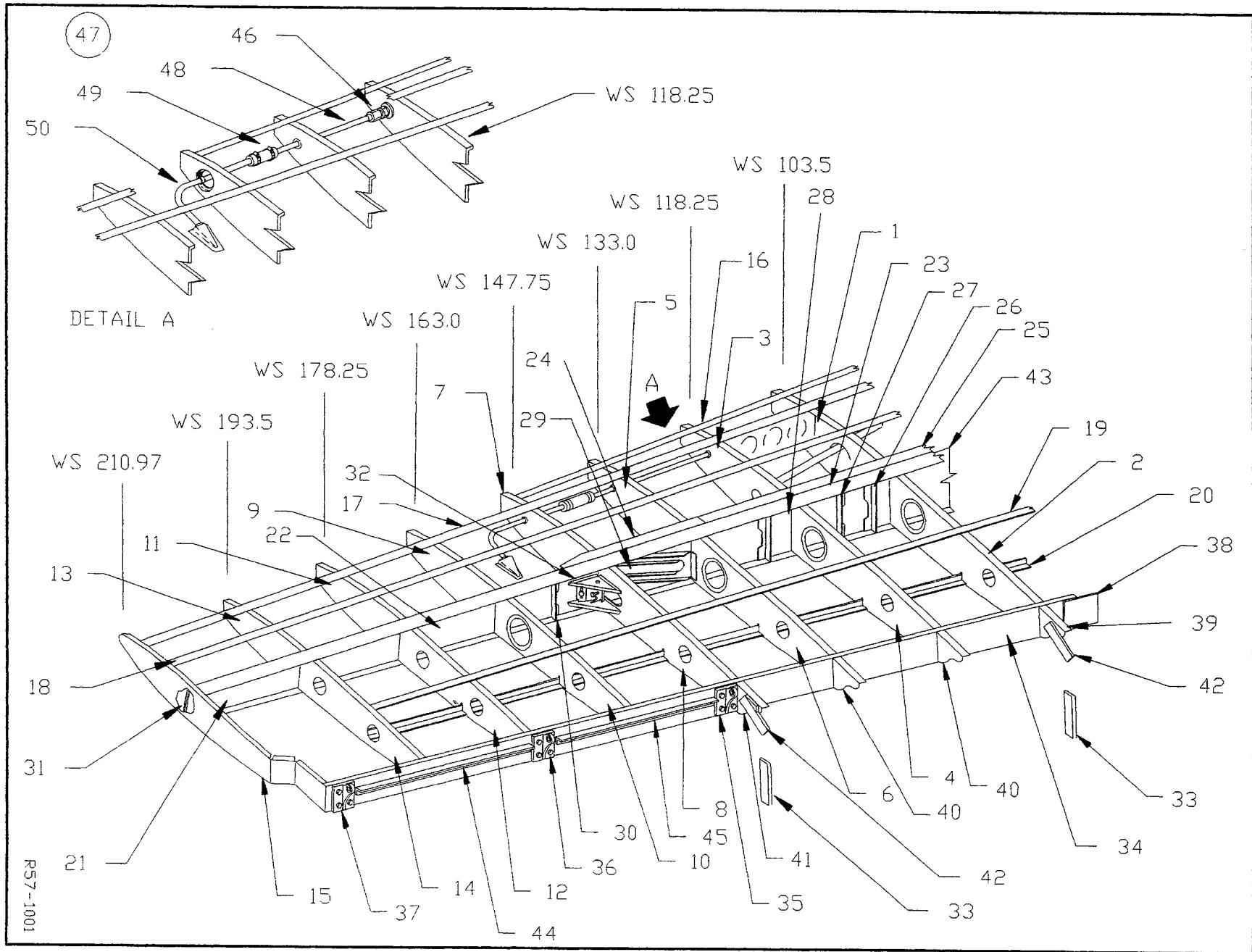
MOONEY AIRCRAFT CORPORATION
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SECTION	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
FIG-ITEM				

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**MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG**

FIGURE 2 - WING OUTBOARD SECTION



MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
57-10-01				
2- -	220000-559	WING ASSEMBLY, OUTBOARD, TIP (SEE 53-40-00)		REF
2- 1	210217-003	RIB, FORWARD, LH,(STA 103.5)(SEE 57-10-00)		REF
2- 1	210217-004	RIB, FORWARD, RH,(STA 103.5)(SEE 57-10-00)		REF
2- 2	210040-009	.RIB, LH(STA 103.5)		1
2- 2	210040-010	.RIB, RH(STA 103.5)		1
2- 3	210217-001	.RIB ASSEMBLY, OUTBOARD, LH(STA 118.25)(SEE 57-10-00)		REF
2- 3	210217-002	.RIB ASSEMBLY, OUTBOARD, RH(STA 118.25)(SEE 57-10-00)		REF
2- 4	210041-009	.RIB, LH(STA 118.25)		1
2- 4	210041-010	.RIB, RH(STA 118.25)		1
2- 5	210042-001	.RIB ASSEMBLY, OUTBOARD, LH(STA 133.0)		1
2- 5	210042-002	.RIB ASSEMBLY, OUTBOARD, RH(STA 133.0)		1
2- 5	210042-007	..WEB, LH		1
2- 5	210042-008	..WEB, RH		1
2- 5	210042-011	..DOUBLER, LH/RH		2
2- 5	210042-013	..BLOCK, GUIDE, LH/RH		2
2- 5	210042-015	..CLIP, LH/RH		2
2- 5	210042-016	..CLIP, LH/RH		2
2- 6	210042-009	..WEB, AFT, LH(STA 133.0)		1
2- 6	210042-010	..WEB, AFT, RH(STA 133.0)		1
2- 7	210043-007	.RIB, FORWARD, LH(STA 147.75)		1
2- 7	210043-008	.RIB, FORWARD, RH(STA 147.75)		1
2- 8	210043-009	.RIB, AFT, LH(STA 147.75)		1
2- 8	210043-010	.RIB, AFT, RH(STA 147.75)		1
2- 9	210044-007	.RIB, FORWARD, LH(STA 163.0)		1
2- 9	210044-008	.RIB, FORWARD, RH(STA 163.0)		1
2- 10	210044-009	.RIB, AFT, LH(STA 163.0)		1
2- 10	210044-010	.RIB, AFT, RH(STA 163.0)		1
2- 11	210045-007	.RIB, FORWARD, LH(STA 178.25)		1
2- 11	210045-008	.RIB, FORWARD, RH(STA 178.25)		1
2- 12	210045-009	.RIB, AFT, LH(STA 178.25)		1
2- 12	210045-010	.RIB, AFT, RH(STA 178.25)		1
2- 13	210046-007	.RIB, FORWARD, LH(STA 193.5)		1
2- 13	210046-008	.RIB, FORWARD, RH(STA 193.5)		1
2- 14	210046-009	.RIB, AFT, LH(STA 193.5)		1
2- 14	210046-010	.RIB, AFT, RH(STA 193.5)		1
2- 15	210047-507	.RIB, FORWARD, LH(STA 210.97)		1
2- 15	210047-508	.RIB, FORWARD, RH(STA 210.97)		1
2- 15	210047-013	..RIB, LH		1
2- 15	210047-014	..RIB, RH		1
2- 15	MS21078-06	..NUT PLATE, LH/RH		3
2- 15	210381-505	WING TIP INSTALLATION, LH(SEE 57-20-00)		1
2- 15	210381-506	WING TIP INSTALLATION, RH(SEE 57-20-00)		1
2- 16	220000-135	.STRINGER, TOP, LH		1
2- 16	220000-136	.STRINGER, TOP, RH		1
2- 17	220000-131	.STRINGER, TOP, LH		1
2- 17	220000-132	.STRINGER, TOP, RH		1
2- 17	220000-133	.STRINGER, BOTTOM, LH		1
2- 17	220000-134	.STRINGER, BOTTOM, RH		1
2- 18	220000-127	.STRINGER, TOP, LH		1
2- 18	220000-128	.STRINGER, TOP, RH		1
2- 18	220000-129	.STRINGER, BOTTOM, LH		1
2- 18	220000-130	.STRINGER, BOTTOM, RH		1

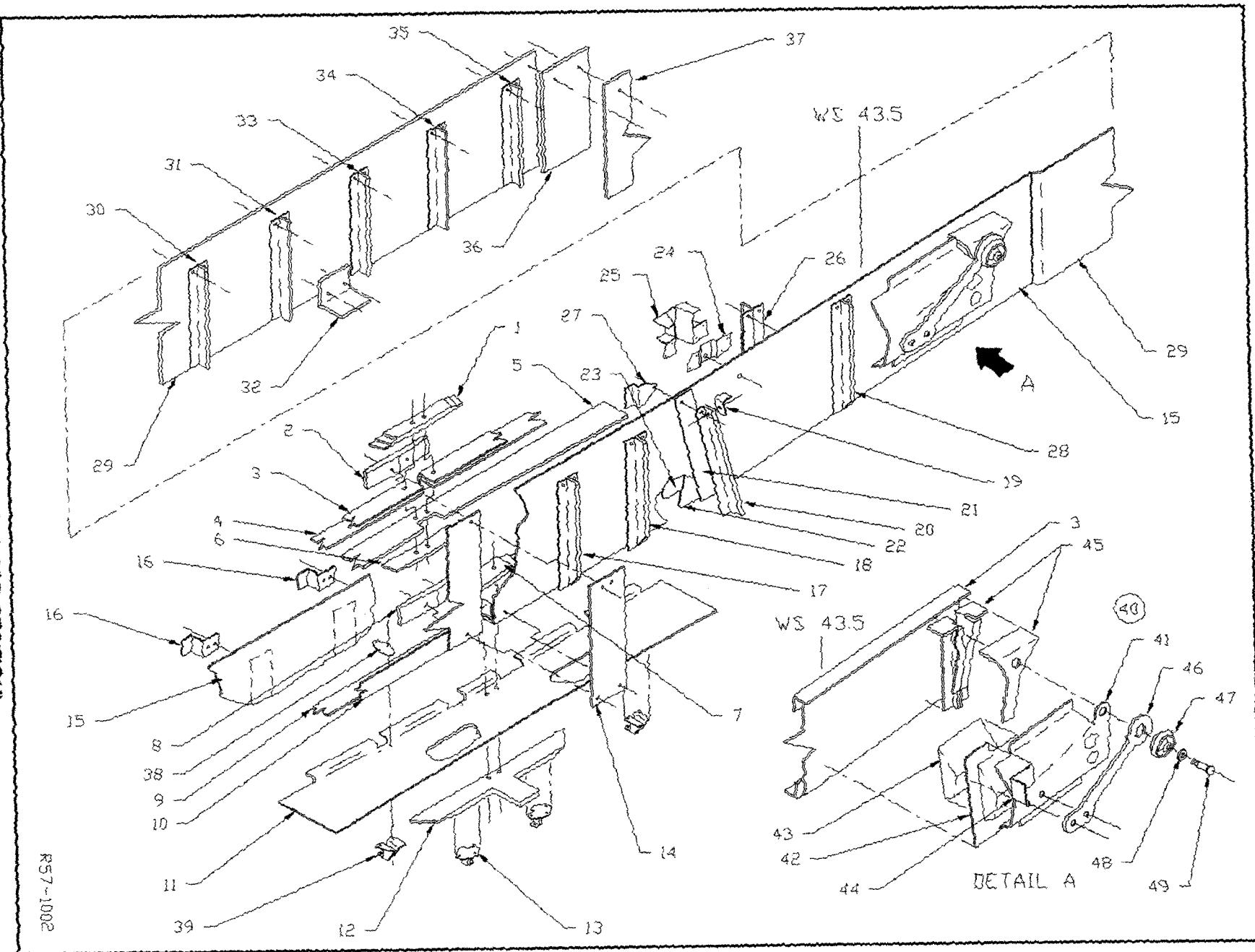
MOONEY AIRCRAFT CORPORATION
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SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
2- 19	220000-137	.STRINGER, TOP, LH		1
2- 19	220000-124	.STRINGER, TOP, RH		1
2- 20	220000-125	.STRINGER, BOTTOM, LH		1
2- 20	220000-126	.STRINGER, BOTTOM, RH		1
2- 21	210005-001	.MAIN SPAR, OUTBOARD, LH		1
2- 21	210005-002	.MAIN SPAR, OUTBOARD, RH		1
2- 22	210005-007	..WEB, LH		1
2- 22	210005-008	..WEB, RH		1
2- 23	210005-009	..STIFFENER, TOP, LH		1
2- 23	210005-010	..STIFFENER, TOP, RH		1
2- 23	210005-013	..STIFFENER, BOTTOM, LH		1
2- 23	210005-014	..STIFFENER, BOTTOM, RH		1
2- 23	210005-015	..STIFFENER, BOTTOM, LH		1
2- 23	210005-016	..STIFFENER, BOTTOM, RH		1
2- 24	210005-011	..STIFFENER, LH		1
2- 24	210005-012	..STIFFENER, RH		1
2- 25	210013-007	..ANGLE, SPLICE, LH, TOP		1
2- 25	210013-008	..ANGLE, SPLICE, RH, TOP		1
2- 25	210014-007	..ANGLE, SPLICE, LH, BOTTOM		1
2- 25	210014-008	..ANGLE, SPLICE, RH, BOTTOM		1
2- 26	210005-017	..STIFFENER, LH/RH		2
2- 27	210005-019	..STIFFENER, LH/RH		2
2- 28	210005-021	..STIFFENER, LH/RH		2
2- 29	210005-023	..DOUBLER, LH		1
2- 29	210005-024	..DOUBLER, RH		1
2- 30	210005-025	..STIFFENER, LH		1
2- 30	210005-026	..STIFFENER, RH		1
2- 31	210005-027	..CLIP, LH/RH		2
2- 32	210070-001	.BRACKET ASSEMBLY, BELL CRANK, UPPER LH		1
2- 32	210070-002	.BRACKET ASSEMBLY, BELL CRANK, LOWER RH		1
2- 32	210070-009	..STIFFENER, UPPER, LH/RH		2
2- 32	210070-007	..BRACKET, LH		1
2- 32	210070-008	..BRACKET, RH		1
2- 32	210070-003	.BRACKET ASSEMBLY, LOWER, LH		1
2- 32	210070-004	.BRACKET ASSEMBLY, LOWER, RH		1
2- 32	210070-007	..BRACKET, LH		1
2- 32	210070-008	..BRACKET, RH		1
2- 32	210070-011	..STIFFENER, LH		1
2- 32	210007-012	..STIFFENER, RH		1
2- 32	730049-001	..BRACKET ASSEMBLY, LH		1
2- 32	730049-002	..BRACKET ASSEMBLY, RH		1
2- 33	210106-501	.FAIRING, FLAP HINGE, LH		4
2- 33	210106-502	.FAIRING, FLAP HINGE, RH		4
2- 34	210019-001	.SPAR ASSEMBLY, REAR, LH		1
2- 34	210019-002	.SPAR ASSEMBLY, REAR, RH		1
2- 34	210019-007	..SPAR, LH		1
2- 34	210019-008	..SPAR, RH		1
2- 35	210107-001	..HINGE, AILERON LH/RH		2
2- 35	210019-011	..PLATE, LH		1
2- 35	210019-012	..PLATE, RH		1
2- 35	AN3-4A	..@BOLT		4
2- 35	AN960-10L	..@WASHER		8
2- 35	AN365-1032	..@NUT		4

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SECTION	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
FIG-ITEM				
2- 36	210107-000	..HINGE, AILERON, LH/RH		2
2- 36	210019-013	..PLATE, LH		1
2- 36	210019-014	..PLATE, RH		1
2- 36	AN3-4A	..@BOLT		4
2- 36	AN960-10L	..@WASHER		8
2- 36	AN365-1032	..@NUT		4
2- 37	210107-000	..HINGE, AILERON, LH/RH		1
2- 37	210019-015	..PLATE, LH		1
2- 37	210019-016	..PLATE, RH		1
2- 37	AN3-4A	..@BOLT		4
2- 37	AN960-10L	..@WASHER		8
2- 37	AN365-1032	..@NUT		4
2- 38	210019-009	.PLATE, SPLICE, LH		1
2- 38	210019-010	.PLATE, SPLICE, RH		1
2- 39	210050-007	.RIB, TE, LH		1
2- 39	210050-008	.RIB, TE, RH		1
2- 40	210048-007	.RIB, TE, LH		2
2- 40	210048-008	.RIB, TE, RH		2
2- 41	210051-007	.RIB, TE, LH		1
2- 41	210051-008	.RIB, TE, RH		1
2- 42	210105-501	.ARM ASSEMBLY, FLAP HINGE LH/RH		4
2- 42	210106	.FAIRING, FLAP HINGE (SEE ITEM NO.33)	REF	
2- 42	AN3-5A	..@BOLT	2	
2- 42	210114-009	..BLOCK, STOP, LH/RH (OUTBOARD FAIRING ONLY)	2	
2- 42	NAS428-3-7	..@BOLT	2	
2- 43	210000-021	SPLICING PLATE(SEE 57-10-02)	REF	
2- 44	210092-007	AIRSEAL, LH(SEE 57-30-00)	REF	
2- 44	210092-009	AIRSEAL, RH(SEE 57-30-00)	REF	
2- 45	210092-011	AIRSEAL, LH(SEE 57-30-00)	REF	
2- 45	210092-013	AIRSEAL, RH(SEE 57-30-00)	REF	
2- 46	210390-501	FITTING, FUEL OUTLET(STA 118.25)(SEE 57-10-00)	REF	
2- 47	210393-507	.FUEL VENT INSTALLATION, OUTBOARD, LH	1	
2- 47	210393-508	.FUEL VENT INSTALLATION, OUTBOARD, RH	1	
2- 48	210393-027	..TUBE, LH/RH	1	
2- 48	MS20819-6D	..@SLEEVE	1	
2- 48	AN818-6D	..@NUT	1	
2- 48	MS35489-11	..GROMMET, LH/RH(STA 133.00)	1	
2- 49	610152-021	..HOSE, LH/RH	1	
2- 49	QS100-M6S	..@CLAMP, LH/RH	2	
2- 50	210393-019	..TUBE, LH/RH	1	
2- 50	NAS479-5	..@CLIP, LH/RH	1	
2- 50	MS21919DG6	..@CLAMP, LH/RH	1	
2- 50	AN960-10	..@WASHER, LH/RH	1	
2- 50	AN530-10R10	..@SCREW, LH/RH	1	
2- 50	MS35489-9	..GROMMET, LH/RH	1	
2- 50	210399-001	..SCOOP, LH/RH	1	

FIGURE 3 - MAIN SPAR (CENTER SECTION)



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SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
57-10-02				
3- -	210000-517	MAIN SPAR ASSEMBLY (SEE 57-10-00)		REF
3- -	210000-519	.SPAR ASSEMBLY, LH		1
3- -	210000-520	.SPAR ASSEMBLY, RH		1
3- 1	210011-000	..PLATE, SPLICE, TOP, UPPER		1
3- 1	NAS1466-14	..@HUCKBOLT	/3,4	4
3- 1	NAS1466-11	..@HUCKBOLT	/3,4	4
3- 1	NAS1466-10	..@HUCKBOLT	/3,4	8
3- 1	NAS960-10L	..@WASHER		8
3- 1	NAS1080-6	..@HUCK COLLAR		24
3- 2	210008-000	..PLATE, SPLICE, TOP, FORWARD		1
3- 2	NAS1466-7	..@HUCKBOLT	/3,4	2
3- 2	NAS1466-8	..@HUCKBOLT	/3,4	2
3- 2	NAS1466-9	..@HUCKBOLT	/3,4	2
3- 2	NAS1466-11	..@HUCKBOLT	/3,4	2
3- 2	NAS1080-6	..@HUCK COLLAR		8
3- 3	210001-007	..SPAR CAP UPPER, LH		1
3- 3	210001-008	..SPAR CAP UPPER, RH		1
3- 3	NAS1465-5	..@HUCKBOLT	/3,4	100
3- 3	NAS1465-6	..@HUCKBOLT	/3,4	40
3- 3	NAS1465-7	..@HUCKBOLT	/3,4	10
3- 3	NAS1465-8	..@HUCKBOLT	/3,4	10
3- 3	NAS142A-5	..@HUCKBOLT	/3,4	10
3- 3	NAS528-A-4	..@HUCK COLLAR		10
3- 3	NAS1466-8	..@HUCKBOLT	/3,4	5
3- 3	NAS1466-9	..@HUCKBOLT	/3,4	5
3- 3	NAS1466-10	..@HUCKBOLT	/3,4	5
3- 3	NAS1466-11	..@HUCKBOLT	/3,4	5
3- 3	NAS1466-13	..@HUCKBOLT	/3,4	3
3- 3	NAS1466-14	..@HUCKBOLT	/3,4	3
3- 3	NAS1466-15	..@HUCKBOLT	/3,4	3
3- 3	NAS1466-16	..@HUCKBOLT	/3,4	3
3- 3	NAS1466-18	..@HUCKBOLT	/3,4	3
3- 3	NAS1080-5	..@HUCK COLLAR		160
3- 3	NAS1080-6	..@HUCK COLLAR		35
3- 4	210003-007	..DOUBLER, UPPER, LH		1
3- 4	210003-008	..DOUBLER, UPPER, RH		1
3- 5	210071-000	..STRIP, REAR SEAT ATTACH		1
3- 6	210018-000	..PLATE, SPLICE TOP, LOWER		1
3- 6	NAS1466-17	..@HUCKBOLT	/3,4	4
3- 6	NAS1466-16	..@HUCKBOLT	/3,4	4
3- 6	NAS1466-15	..@HUCKBOLT	/3,4	4
3- 6	NAS1466-14	..@HUCKBOLT	/3,4	4
3- 6	NAS1080-6	..@HUCK COLLAR		16
3- 7	210012-000	..PLATE, SPLICE BOTTOM UPPER		1
3- 7	NAS1466-12	..@HUCKBOLT	/3,4	4
3- 7	NAS1466-13	..@HUCKBOLT	/3,4	4
3- 7	NAS1466-16	..@HUCKBOLT	/3,4	14
3- 7	NAS1466-18	..@HUCKBOLT	/3,4	4
3- 7	NAS1466-19	..@HUCKBOLT	/3,4	8
3- 7	NAS1465-16	..@HUCKBOLT	/3,4	2
3- 7	NAS1080-6	..@HUCK COLLAR		36
3- 8	210007-000	..PLATE, SPLICE, BOTTOM, FORWARD		1

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SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
3- 8	NAS1466-7	..@HUCKBOLT	/3,4	2
3- 8	NAS1466-9	..@HUCKBOLT		2
3- 9	NAS1466-11	..@HUCKBOLT	/3,4	2
3- 9	NAS1080-6	..@HUCK COLLAR		6
3- 9	210004-007	..DOUBLER, LOWER, LH		1
3- 9	210004-008	..DOUBLER, LOWER, RH		1
3- 10	210002-007	..CAP, MAIN SPAR, LOWER, LH		1
3- 10	210002-008	..CAP, MAIN SPAR, LOWER, RH		1
3- 10	NAS1465-4	..@HUCKBOLT	/3,4	58
3- 10	NAS1465-5	..@HUCKBOLT	/3,4	55
3- 10	NAS1465-6	..@HUCKBOLT	/3,4	14
3- 10	NAS1465-7	..@HUCKBOLT	/3,4	4
3- 10	NAS1465-8	..@HUCKBOLT	/3,4	5
3- 10	R3002-T6-16	..@HUCKBOLT (COUNTERSUNK)	/3,4	AR
3- 10	NAS1466-7	..HUCKBOLT	/3,4	2
3- 10	NAS1466-9	..HUCKBOLT	/3,4	2
3- 10	NAS1466-12	..HUCKBOLT	/3,4	2
3- 10	NAS1466-13	..HUCKBOLT	/3,4	2
3- 10	NAS1466-16	..HUCKBOLT	/3,4	3
3- 10	NAS1466-18	..HUCKBOLT	/3,4	2
3- 10	NAS1466-19	..HUCKBOLT	/3,4	5
3- 10	NAS1080-5	..@HUCK COLLAR		140
3- 10	NAS1080-6	..@HUCK COLLAR		30
3- 11	210077-009	..DOUBLER, LOWER CENTER		1
3- 12	210009-000	..PLATE, SPLICE, BOTTOM LOWER		1
3- 12	NAS1466-9	..@HUCKBOLT	/3,4	4
3- 12	NAS1466-12	..@HUCKBOLT	/3,4	4
3- 12	NAS1466-13	..@HUCKBOLT	/3,4	4
3- 12	NAS1466-16	..@HUCKBOLT	/3,4	14
3- 12	NAS1466-18	..@HUCKBOLT	/3,4	4
3- 12	NAS1466-19	..@HUCKBOLT	/3,4	8
3- 12	NAS1465-16	..@HUCKBOLT	/3,4	2
3- 12	NAS1080-6	..@HUCK COLLAR		40
3- 13	560024-007	..BRACKET, BELLCRANK ATTACH, LH		1
3- 13	560024-008	..BRACKET, BELLCRANK ATTACH, RH		1
3- 13	NAS1466-18	..@HUCKBOLT, LH/RH	/3,4	3
3- 13	NAS1466-19	..@HUCKBOLT, LH/RH	/3,4	2
3- 13	NAS1080-6	..@HUCK COLLAR, LH/RH		5
3- 14	210006-000	..PLATE, SPLICE, CENTER		1
3- 15	210000-087	..WEB, LH		1
3- 15	210000-088	..WEB, RH		1
3- 16	210405-001	..CLIP ASSEMBLY, SEAT ATTACH, INBOARD		2
3- 16	210405-501	..CLIP ASSEMBLY, SEAT ATTACH, OUTBOARD		2
3- 17	210000-011	..STIFFENER, LH		1
3- 17	210000-012	..STIFFENER, RH		1
3- 17	NAS1465-5	..@HUCKBOLT	/3,4	8
3- 17	NAS1465-6	..@HUCKBOLT	/3,4	8
3- 17	NAS1080-5	..@HUCK COLLAR		16
3- 18	210000-013	..STIFFENER, LH		1
3- 18	210000-014	..STIFFENER, RH		1
3- 18	NAS1465-5	..@HUCKBOLT	/3,4	8
3- 18	NAS1465-6	..@HUCKBOLT	/3,4	8
3- 18	NAS1080-5	..@HUCK COLLAR		16

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SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
3- 19	210000-079	..CLIP, LH		1
3- 19	210000-080	..CLIP, RH		1
3- 19	NAS1465-3	..@HUCKBOLT	/3,4	4
3- 19	NAS1080-5	..@HUCK COLLAR		4
3- 20	210000-077	..STIFFENER, LH		1
3- 20	210000-078	..STIFFENER, RH		1
3- 20	NAS1465-5	..@HUCKBOLT	/3,4	1
3- 20	NAS1465-8	..@HUCKBOLT	/3,4	4
3- 20	NAS1080-5	..@HUCK COLLAR		5
3- 21	210000-083	..SPACER, LH		1
3- 21	210000-084	..SPACER, RH		1
3- 22	210015-000	..PLATE, FILLER, LH/RH		2
3- 23	210016-000	..PLATE, FILLER, LH/RH		2
3- 23	NAS1465-6	..@HUCKBOLT	/3,4	7
3- 23	NAS1465-4	..@HUCKBOLT	/3,4	1
3- 23	NAS1080-5	..@HUCK COLLAR		8
3- 24	560023-009	..BRACKET, LH		1
3- 24	560023-010	..BRACKET, RH		1
3- 25	560022-007	..BRACKET, LH		1
3- 25	560022-008	..BRACKET, RH		1
3- 25	22NA17-02	...NUTPLATE, LH/RH		1
3- 25	NAS1465-5	..@HUCKBOLT	/3,4	6
3- 25	NAS1465-7	..@HUCKBOLT	/3,4	6
3- 25	NAS1080-5	..@HUCK COLLAR		12
3- 26	210000-091	..STIFFENER, LH		1
3- 26	210000-092	..STIFFENER, RH		1
3- 26	210000-097	..SHIM, LH/RH		1
3- 26	210000-099	..SHIM, LH/RH		1
3- 27	550087-009	..BRACKET, LH		1
3- 27	550087-010	..BRACKET, RH		1
3- 27	22NA1K3-02	...NUT PLATE, LH/RH		1
3- 28	210000-017	..STIFFENER, LH		1
3- 28	210000-018	..STIFFENER, RH		1
3- 28	NAS1465-5	..@HUCKBOLT	/3,4	8
3- 28	NAS1465-7	..@HUCKBOLT	/3,4	8
3- 28	NAS1080-5	..@HUCK COLLAR		16
3- 29	210000-009	..WEB, LH		1
3- 29	210000-010	..WEB, RH		1
3- 30	210000-023	..STIFFENER, LH		1
3- 30	210000-024	..STIFFENER, RH		1
3- 30	NAS1465-5	..HUCKBOLT	/3,4	8
3- 30	NAS1465-6	..HUCKBOLT	/3,4	8
3- 30	NAS1080-5	..HUCK COLLAR		16
3- 31	210000-025	..STIFFENER, LH		1
3- 31	210000-026	..STIFFENER, RH		1
3- 31	NAS1424-5	..@HUCKBOLT	/3,4	3
3- 31	NAS1080-5	..@HUCK COLLAR		3
3- 32	210000-037	..BRACKET, HOIST, LH		1
3- 32	210000-038	..BRACKET, HOIST, RH		1
3- 32	NAS1465-8	..@HUCKBOLT	/3,4	3
3- 32	NAS1080-5	..@HUCK COLLAR		3
3- 33	210000-027	..STIFFENER, LH		1
3- 33	210000-028	..STIFFENER, RH		1

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SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
3- 33	NAS1424-6	..@HUCKBOLT	/3,4	4
3- 33	NAS1465-6	..@HUCKBOLT	/3,4	4
3- 33	NAS1424-5	..@HUCKBOLT	/3,4	4
3- 33	NAS1465-5	..@HUCKBOLT	/3,4	4
3- 33	NAS1080-5	..HUCK COLLAR		16
3- 34	210000-029	..STIFFENER		1
3- 34	210000-030	..STIFFENER		1
3- 34	NAS1424-5	..@HUCKBOLT	/3,4	16
3- 34	NAS1080-5	..@HUCK COLLAR		16
3- 35	210000-031	..STIFFENER, LH		1
3- 35	210000-032	..STIFFENER, RH		1
3- 35	NAS1424-5	..@HUCKBOLT	/3,4	16
3- 35	NAS1080-5	..@HUCK COLLAR		16
3- 36	210000-021	..PLATE, LH/RH		2
3- 37	210005-001	SPAR, OUTBOARD MAIN, LH (SEE 57-10-01)		REF
3- 37	210005-002	SPAR, OUTBOARD MAIN, RH (SEE 57-10-01)		REF
3- 38	210116-007	.BRACKET, LH		1
3- 38	210116-008	.BRACKET, RH		1
3- 39	210117-001	.BRACKET, LH		1
3- 39	210117-002	.BRACKET, RH		1
3- 40	210370-503	..MLG, MAIN SPAR ATTACH ASSEMBLY, LH		1
3- 40	210370-504	..MLG, MAIN SPAR ATTACH ASSEMBLY, RH		1
3- 41	210370-007	...GEAR ATTACH BOX, LH		1
3- 41	210370-008	...GEAR ATTACH BOX, RH		1
3- 41	NAS1465-6	...@HUCKBOLT	/3,4	27
3- 41	NAS1080-5	...@HUCK COLLAR		27
3- 42	210370-015	...DOUBLER, LH		1
3- 42	210370-016	...DOUBLER, RH		1
3- 43	210370-009	...DOUBLER, LH		1
3- 43	210370-010	...DOUBLER, RH		1
3- 43	NAS1465-5	...@HUCKBOLT	/3,4	16
3- 43	NAS1080-5	...@HUCK COLLAR		16
3- 44	210370-013	...CLIP, LH		1
3- 44	210370-014	...CLIP, RH		1
3- 44	NAS1465-8	...@HUCKBOLT	/3,4	2
3- 44	NAS1475-5	...@HUCKBOLT	/3,4	2
3- 44	NAS1080-5	...@HUCK COLLAR		4
3- 45	210370-011	...CHANNEL ASSEMBLY, LH		1
3- 45	210370-012	...CHANNEL ASSEMBLY, RH		1
3- 45	210370-001CHANNEL, LH		1
3- 45	210370-002CHANNEL, RH		1
3- 45	210370-003CHANNEL, LH		1
3- 45	210370-004CHANNEL, RH		1
3- 45	MS21047L5NUTPLATE, LH/RH		2
3- 45	210370-005STRAP, LH(NI)		1
3- 45	210370-006STRAP, RH(NI)		1
3- 45	NAS1497-6	...@HUCKBOLT	/3,4	2
3- 45	NAS1080-5	...@HUCK COLLAR		2
3- 46	560026-013	..STRAP, TENSION, LH		1
3- 46	560026-014	..STRAP, TENSION, RH		1
3- 46	NAS1475-6	...@HUCKBOLT	/3,4	4
3- 46	NAS1465-9	...@HUCKBOLT	/3,4	6
3- 46	NAS1465-8	...@HUCKBOLT	/3,4	2

MOONEY AIRCRAFT CORPORATION
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SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
3- 46	NAS1080-5	...@HUCK COLLAR		12
3- 46	MS21047L5NUTPLATE		1
3- 46	MS21047L7NUTPLATE		1
3- 47	210132-001	...BEARING, LH/RH		1
3- 47	#3019	...FITTING, GREASE, LH/RH		1
3- 48	AN960-416L	...@WASHER		1
3- 49	AN5-11A	...@BOLT, LH/RH		1

CROSS REFERENCE:

HUCKBOLT P/N TO:	NAS STANDARD P/N	HI-LOK P/N
R3001-T5-XX SERIES	NAS1465-XX SERIES	HL20-5-XX SERIES
R3001-T6-XX SERIES	NAS1466-XX SERIES	HL20-6-XX SERIES
R3014-T5-XX SERIES	NAS1475-XX SERIES	HL19-5-XX SERIES
2LPH-T5-XX SERIES	NAS1465-XX SERIES	
ALPPH-T6-XX SERIES	NAS1486-XX SERIES	NOTE 2
2L-426-T5-XX SERIES	NAS1445-XX SERIES	
SLSP-T4-XX SERIES	NAS1424-XX SERIES	NO SUBSTITUTE

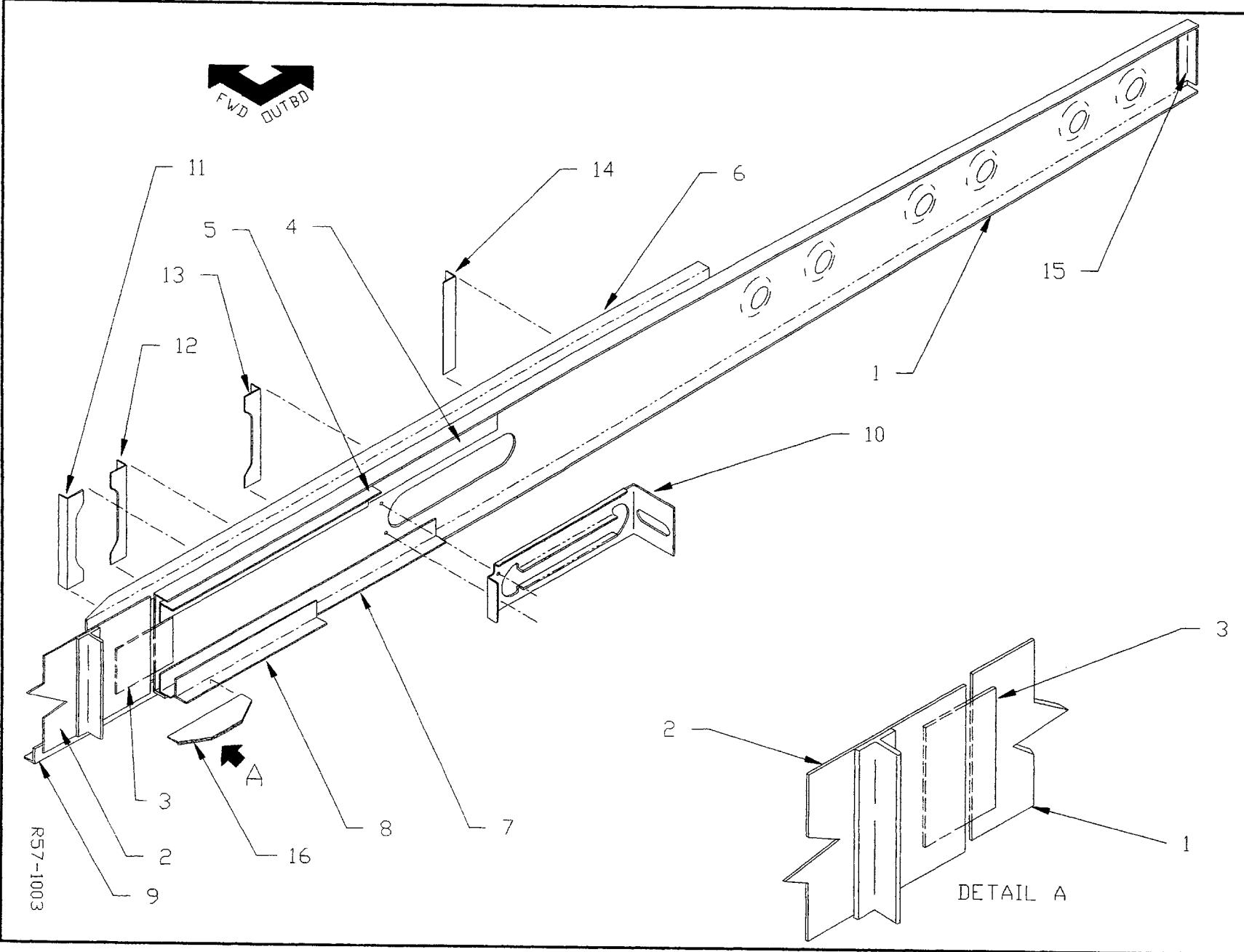
COLLARS

LC-C5	NAS1080-5	NO SUBSTITUTE
LC-C6	NAS1080-6	NO SUBSTITUTE
DC-C4	NAS1080-C4	NO SUBSTITUTE

NOTES:

1. HL19-5-XX SERIES USES AN HL94-XX SERIES COLLAR
2. ALPPH-T6-17 - USE R3001-T6-17
3. NAS623-XX (ROUND HEAD) OR NAS 517-XX (100^o COUNTER SUNK) HI-SHEAR BOLTS MAY BE USED AS SUBSTITUTES FOR FIELD REPAIRS IF DESIRED.
4. NAS1021-XX LOCK NUTS ARE TO BE USED WITH NAS623-XX BOLTS.

**MOONEY AIRCRAFT CORPORATION
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**MOONEY AIRCRAFT CORPORATION
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SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
57-10-03				
4 -	210005-001	MAIN SPAR ASSEMBLY, OUTBOARD, LH (SEE 57-10-01)	REF	
4 -	210005-002	MAIN SPAR ASSEMBLY, OUTBOARD, RH (SEE 57-10-01)	REF	
4 1	210005-007	.SPAR, OUTBOARD, LH	1	
4 1	210005-008	.SPAR, OUTBOARD, RH	1	
4 2	210000-009	WEB, MAIN SPAR, LH (SEE 57-10-02)	REF	
4 2	210000-010	WEB, MAIN SPAR, RH (SEE 57-10-02)	REF	
4 3	210000-021	SPLICING PLATE (SEE 57-10-02)	REF	
4 4	210005-011	.STIFFENER, LH, TOP	1	
4 4	210005-012	.STIFFENER, RH, TOP	1	
4 5	210005-009	.STIFFENER, LH, TOP	1	
4 5	210005-010	.STIFFENER, RH, TOP	1	
4 6	210013-007	.ANGLE, SPLICE, LH, TOP	1	
4 6	210013-008	.ANGLE, SPLICE, RH, TOP	1	
4 6	NAS1466-4	.@HUCKBOLT	/1,2	10
4 6	NAS1080-4	.@HUCK COLLAR		10
4 7	210005-015	.STIFFENER, LH, LOWER	1	
4 7	210005-016	.STIFFENER, RH, LOWER	1	
4 8	210005-013	.STIFFENER, LH, LOWER	1	
4 8	210005-014	.STIFFENER, RH, LOWER	1	
4 9	210014-007	.ANGLE, SPLICE, LH	1	
4 9	210014-008	.ANGLE, SPLICE, RH	1	
4 9	NAS1465-5	.@HUCKBOLT	/1,2	10
4 9	NAS1080-5	.@HUCK COLLAR		10
4 10	210005-023	.DOUBLER, LH	1	
4 10	210005-024	.DOUBLER, RH	1	
4 11	210005-017	.STIFFENER, LH/RH	2	
4 11	NAS1465-5	.@HUCKBOLT	/1,2	8
4 11	NAS1080-5	.@HUCK COLLAR		8
4 12	210005-019	.STIFFENER, LH/RH	2	
4 12	NAS1465-5	.@HUCKBOLT	/1,2	8
4 12	NAS1080-5	.@HUCK COLLAR		8
4 13	210005-021	.STIFFENER, LH/RH	2	
4 13	NAS1465-5	.@HUCKBOLT	/1,2	4
4 13	NAS1465-4	.@HUCKBOLT	/1,2	4
4 13	NAS1080-5	.@HUCK COLLAR		8
4 14	210005-025	.STIFFENER, LH	1	
4 14	210005-026	.STIFFENER, RH	1	
4 15	210005-027	.CLIP, LH/RH	2	
4 16	220000-900	CAP FILLER-SPLICING PLATE, SPAR, RH	1	
4 16	220000-901	CAP FILLER-SPLICING PLATE, SPAR, LH	1	

NOTES

1. NAS623-XX (ROUND HEAD) OR NAS 517-XX (1000 COUNTER SUNK) HI-SHEAR BOLTS MAY BE USED AS SUBSTITUTES FOR FIELD REPAIRS IF DESIRED.
2. NAS1021-XX LOCK NUTS ARE TO BE USED WITH NAS623-XX BOLTS.

(REFERENCE 57-10-02 FOR HUCKBOLT SUBSTITUTION INFORMATION)

MOONEY AIRCRAFT CORPORATION
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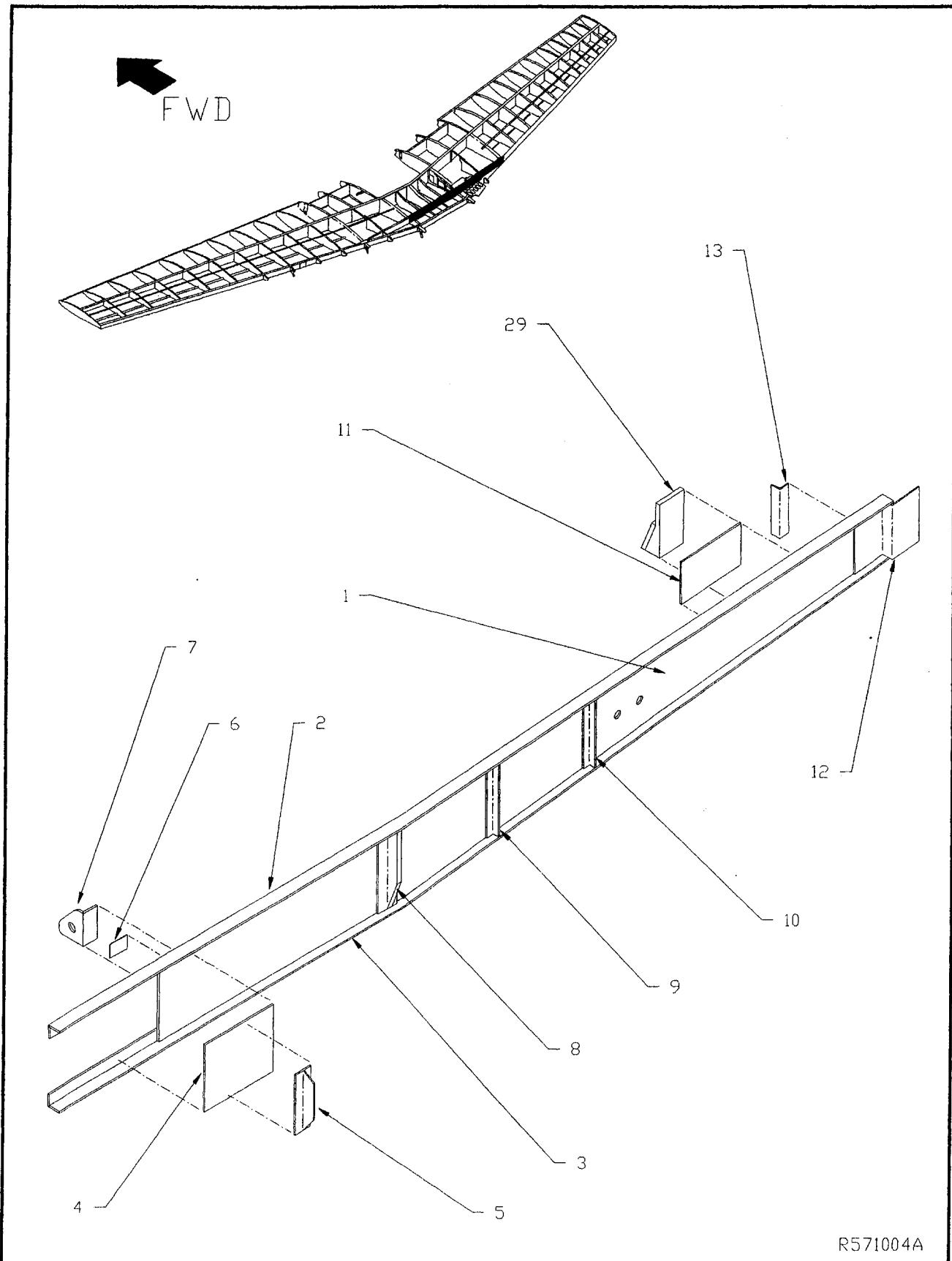


FIGURE 5 - STUB AND REAR SPAR ASSEMBLY (SHEET 1 OF 2)

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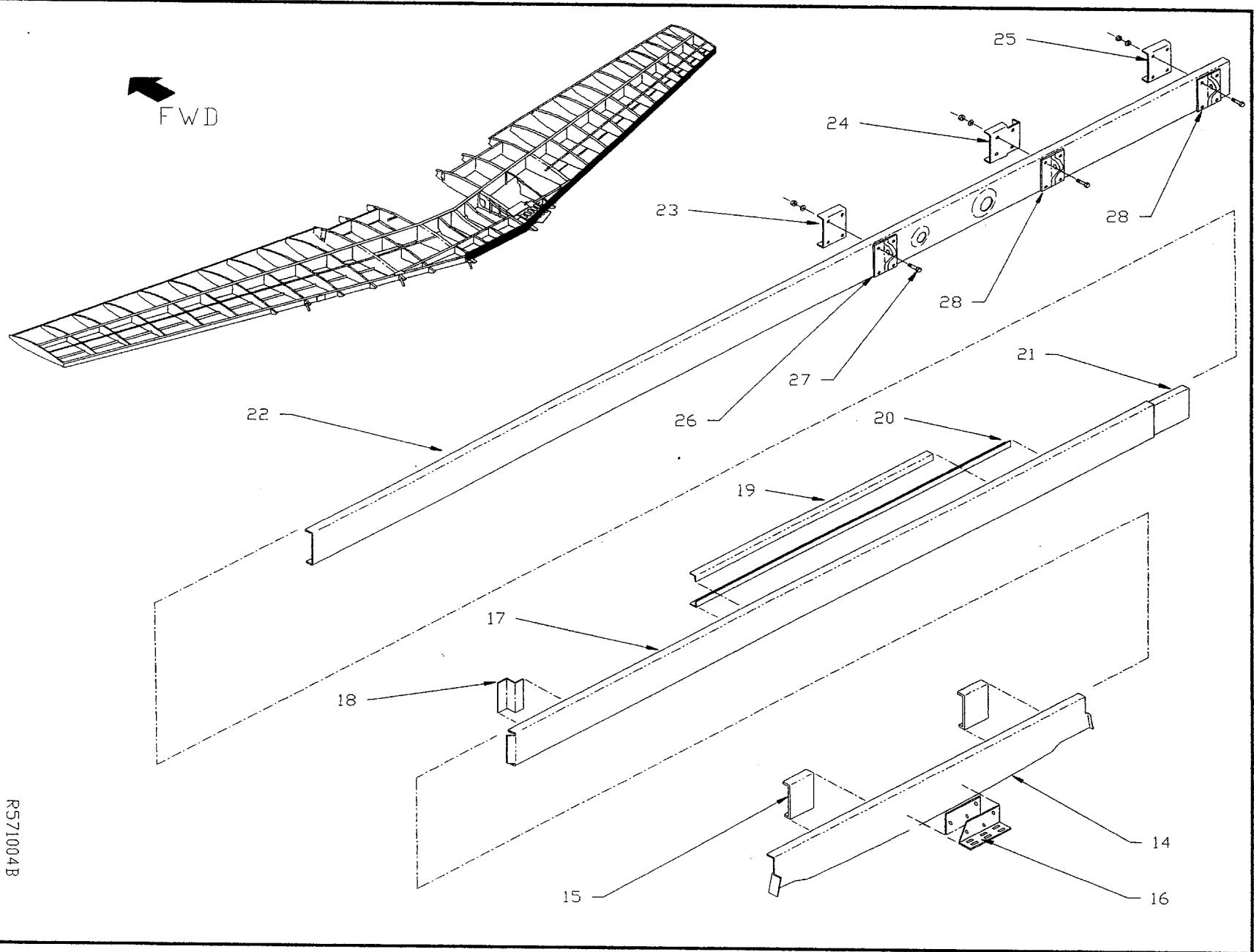


FIGURE 5 - STUB AND REAR SPAR ASSEMBLY (SHEET 2 OF 2)

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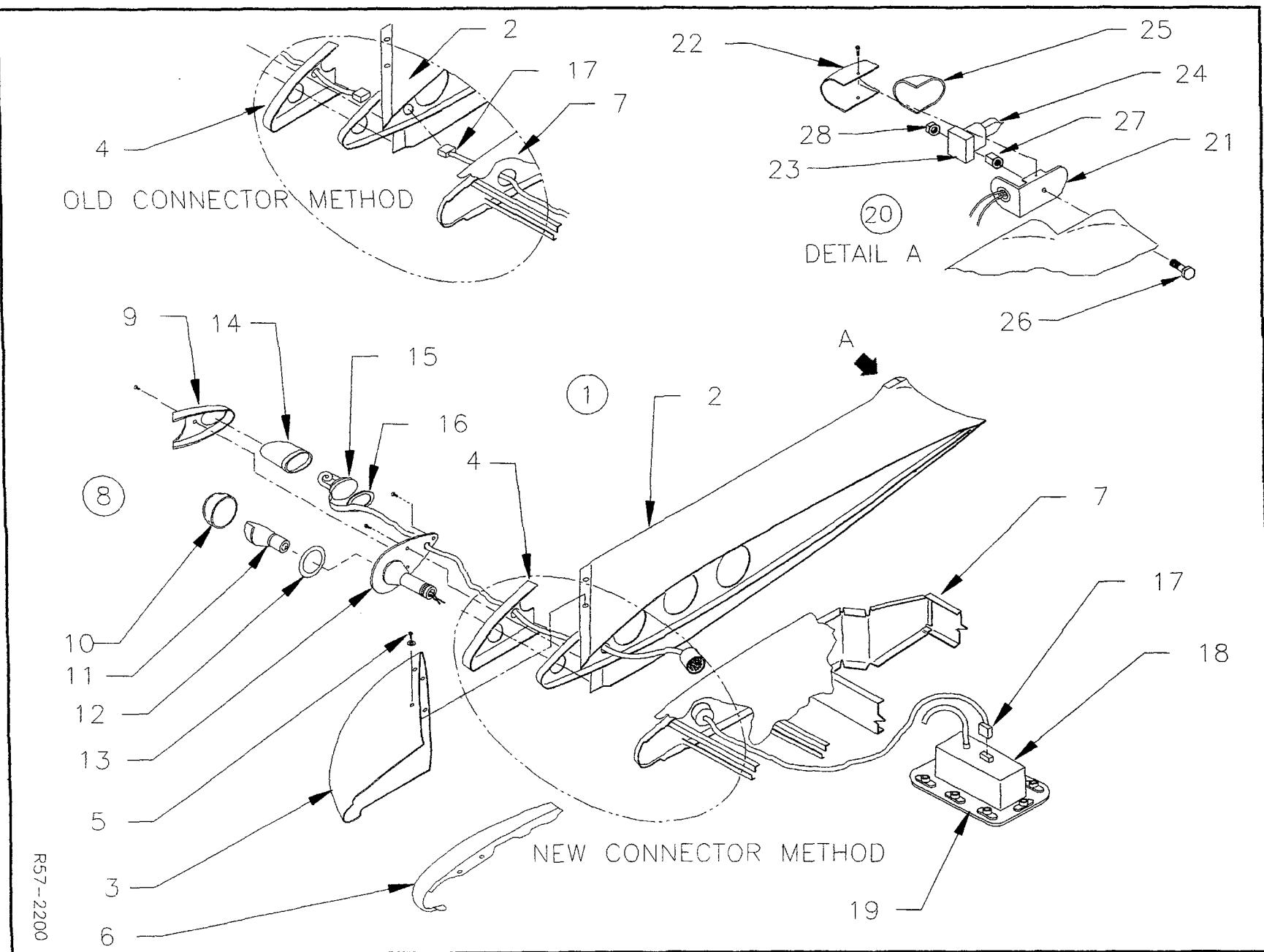
MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
57-10-04				
5- -	210054-505	SPAR ASSEMBLY, STUB (SEE 57-10-00)		1
5- 1	210054-019	.WEB, SPAR		2
5- 2	210056-000	.CAP, UPPER		1
5- 2	NAS1465-5	.@HUCKBOLT		8
5- 2	NAS1475-5	.@HUCKBOLT		4
5- 2	NAS1080-5	.@HUCK COLLAR		12
5- 3	210055-000	.CAP, LOWER		1
5- 3	NAS1465-2	.@HUCKBOLT		8
5- 3	NAS1475-2	.@HUCKBOLT		2
5- 3	NAS1080-5	.@HUCK COLLAR		10
5- 4	210054-021	.PLATE, SPLICE		1
5- 5	210054-017	.STIFFENER		1
5- 6	210054-043	.SPACER		2
5- 7	140127-001	.SUPPORT, LH		1
5- 7	140127-002	.SUPPORT, RH		1
5- 8	210059-007	.FITTING, STUB SPAR ATTACH, LH		1
5- 8	210059-008	.FITTING, STUB SPAR ATTACH, RH		1
5- 9	210054-011	.STIFFENER		2
5- 10	210054-013	.STIFFENER		2
5- 11	210054-015	.SPACER		2
5- 11	52ZA1-048	.NUTPLATE		8
5- 11	52LHTA55M-048	.NUTPLATE		4
5- 12	210054-009	.BRACKET		2
5- 13	210029-003	RIB ASSEMBLY, LH (SEE 57-10-00)	REF	
5- 13	210029-004	RIB ASSEMBLY, RH (SEE 57-10-00)	REF	
5- 13	210062-000	.SPACER		2
5- 13	NAS1475-5	.@HUCKBOLT		10
5- 13	NAS1080-5	.@HUCK COLLAR		10
5- 14	210057-503	SPAR ASSEMBLY, REAR CENTER SPLICE (SEE 57-10-00)	REF	
5- 14	210057-017	.SPAR		1
5- 14	210115-009	.SPACER, LH (NI)		1
5- 14	210115-010	.SPACER, RH (NI)		1
5- 15	-	NOT USED		
5- 16	800376-001	BRACKET (SEE 27-50-00)		1
5- 16	800376-007	SHIM (SEE 27-50-00)		1
5- 16	AN507-10R-7	@SCREW (SEE 27-50-00)	AR	
5- 16	AN960-10L	@WASHER (SEE 27-50-00)	AR	
5- 16	MS21059-L3	.@PLATE NUT		3
5- 17	210019-001	SPAR ASSEMBLY, REAR, LH (SEE 57-10-00)	REF	
5- 17	210019-002	SPAR ASSEMBLY, REAR, RH (SEE 57-10-00)	REF	
5- 17	210019-017	.SPAR, INBOARD, LH		1
5- 17	210019-018	.SPAR, INBOARD, RH		1
5- 18	210019-019	.BRACKET, LH		1
5- 18	210019-020	.BRACKET, RH		1
5- 19	210019-021	.ANGLE, STIFFENER, LH		1
5- 19	210019-022	.ANGLE, STIFFENER, RH		1
5- 20	210019-023	.ANGLE, STIFFENER, LH		1
5- 20	210019-024	.ANGLE, STIFFENER, RH		1
5- 21	210019-009	.PLATE, SPLICE, LH		1
5- 21	210019-010	.PLATE, SPLICE, RH		1
5- 22	210019-007	.SPAR, OUTBOARD, LH		1

**MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG**

SECTION	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
FIG-ITEM				
5- 22	210019-008	.SPAR, OUTBOARD, RH		1
5- 23	210019-011	.PLATE, STIFFENER, LH		1
5- 23	210019-012	.PLATE, STIFFENER, RH		1
5- 24	210019-013	.PLATE, STIFFENER, LH		1
5- 24	210019-014	.PLATE, STIFFENER, RH		1
5- 25	210019-015	.PLATE, STIFFENER, LH		1
5- 25	210019-016	.PLATE, STIFFENER, RH		1
5- 26	210107-001	.HINGE		2
5- 27	AN3-4A	.@BOLT		12
5- 27	AN960-10L	.@WASHER		24
5- 27	AN365-1032	.@NUT		12
5- 28	210107-000	.HINGE		4
5- 29	210067-007	BRACKET, MLG ATTACH (SEE 32-10-00)		REF
5- 29	210067-008	BRACKET, MLG ATTACH (SEE 32-10-00)		REF

**MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG**



MOONEY AIRCRAFT CORPORATION
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SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
57-22-00				
1- 1	210381-505	WING TIP INSTALLATION, LH (SEE 57-10-00)	REF	
1- 1	210381-506	WING TIP INSTALLATION, RH (SEE 57-10-00)	REF	
1- 2	210382-505	.WING TIP ASSEMBLY, LH	1	
1- 2	210382-506	.WING TIP ASSEMBLY, RH	1	
1- 2	MS21078-08	..NUTPLATE, LH/RH	8	
1- 2	MS21061-06	..NUTPLATE, LH/RH	6	
1- 2	AN931-3-5	..GROMMET, LH/RH	1	
1- 3	210384-001	..LENS, LH	1	
1- 3	210384-002	..LENS, RH	1	
1- 4	210385-003	.RETAINER, LH	1	
1- 4	210385-004	.RETAINER, RH	1	
1- 5	MS24694-4	.@SCREW, LH/RH	8	
1- 5	A3135-017	.@WASHER, COUNTERSUNK, LH/RH (TINNERMAN)	8	
1- 6	210386-001	.FENCE, GLARE, LH	1	
1- 6	210386-002	.FENCE, GLARE, RH	1	
1- 7	210047-507	RIB ASSEMBLY, LH (SEE 57-10-01)	REF	
1- 7	210047-508	RIB ASSEMBLY, RH (SEE 57-10-01)	REF	
1- 8	A650-PR-D-M	.LIGHT, NAV & STROBE, LH (WHELEN) (SEE 33-40-00)	1	
1- 8	A650-PG-D-M	.LIGHT, NAV & STROBE, RH (WHELEN) (SEE 33-40-00)	1	
1- 9	A626	..RETAINER, LH/RH	2	
1- 9	-	..@SCREW, LH/RH (VENDOR SUPPLIED)	2	
1- 10	W1284-R	..LENS (RED) FORWARD POSITION, LH	1	
1- 10	W1284-G	..LENS (GREEN) FORWARD POSITION, RH	1	
1- 11	W1290-28	..LAMP, POSITION, LH/RH (28 V)	2	
1- 12	W1283	..GASKET, LH/RH	2	
1- 13	W1285-2	..BASEPLATE ASSEMBLY, LH/RH	2	
1- 13	MS35206-230	..@SCREW	4	
1- 13	MS24693-S28	..@SCREW	2	
1- 14	A612-D	..LENS, STROBE, LH/RH SHIELDED	2	
1- 15	A610-M	..FLASH TUBE ASSEMBLY	2	
1- 16	A427-4	..GASKET, LH/RH	2	
1- 17	M441	..CONNECTOR ASSEMBLY (MOLEX 3-PIN)	2	
1- 18	01-0770329-00	..POWER SUPPLY, STROBE (WHELEN)	2	
1- 19	921001	PLATE COVER (SEE 57-30-00)	REF	
1- 20	800051-501	.LIGHT INSTALLATION, WING TIP NAV, T/E, LH/RH (SEE 33-40-00)	2	
1- 21	800051-503	..BASE ASSEMBLY	1	
1- 21	800032-003	..BASE	/1	1
1- 21	AN931-3-5	..GROMMET	1	
1- 21	RM52LHTA521-62	...ANCHOR NUT	2	
1- 21	MS21059LO6	...ANCHOR NUT (ALT)	2	
1- 21	07-0550170-00	..CLIP (WHELEN)	1	
1- 22	800032-001	..COVER	1	
1- 22	MS24693-S24	..@SCREW	2	
1- 23	33-07211622-0	..SOCKET (WHELEN)	1	
1- 24	34-0228030-85	..LAMP (WHELEN)	1	
1- 25	68-4250068-30	..LENS (WHELEN)	1	
1- 25	880049-501	RECOGNITION LIGHT INSTALLATION (NI) (SEE 33-40-01)	REF	

NOTES:

1. BOND 800032-003 TO WING TIP USING COMMERCIAL EPOXY CEMENT

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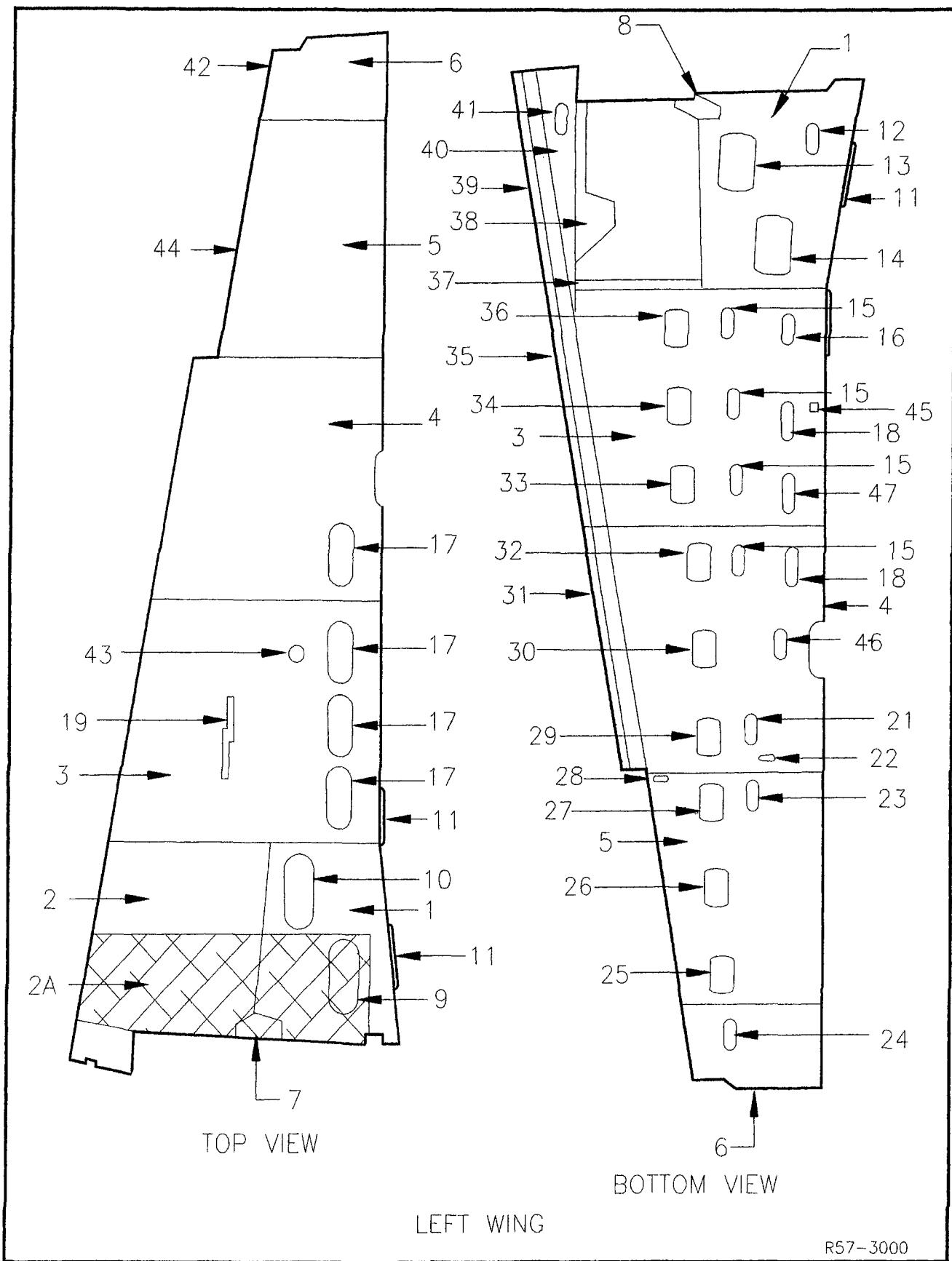


FIGURE 1 - WING SKINS AND INSPECTION COVERS

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
57-30-00				
1- -	220000	WING SKINS & INSPECTION COVERS (SEE 57-10-00)		REF
1- 1	220000-061	.SKIN, FUEL TANK, LH		1
1- 1	220000-063	.SKIN, FUEL TANK, RH		1
1- 2	220000-017	.SKIN, LH, TOP		1
1- 2	220000-018	.SKIN, RH, TOP		1
1- 2A	120066-001	WING WALK (SEE 11-10-00)		REF
1- 2A	120066-003	WING WALK (SEE 11-10-00)		REF
1- 3	210217-031	.SKIN, FUEL TANK, LH		1
1- 3	210217-032	.SKIN, FUEL TANK, RH		1
1- 4	220000-235	.SKIN, LH		1
1- 4	220000-236	.SKIN, RH		1
1- 5	220000-227	.SKIN, LH		1
1- 5	220000-228	.SKIN, RH		1
1- 6	220000-213	.SKIN, LH		1
1- 6	220000-214	.SKIN, RH		1
1- 7	210103-007	.DOUBLER, LH, TOP		1
1- 7	210103-008	.DOUBLER, RH, TOP		1
1- 8	210371-501	.DOUBLER, LH, BOTTOM		1
1- 8	210371-502	.DOUBLER, RH, BOTTOM		1
1- 9	210099-001	.PANEL, LH		1
1- 9	210229-001	.PANEL, RH		1
1- 9	AN507C1032R-7	@SCREW, LH		22
1- 9	AN507C1032R-7	@SCREW, RH		26
1- 9	210099-009	..DOUBLER ASSEMBLY, LH/RH		1
1- 9	22NA1K3-02	...ANCHOR NUT, LH/RH		18
1- 9	22NA1K02	...ANCHOR NUT, LH/RH		4
1- 10	210099-507	..PANEL (W/FUEL GAUGE) (SEE 28-10-00)		2
1- 10	AN507C1032R-7	@SCREW, LH/RH		22
1- 10	210099-009	..DOUBLER ASSEMBLY		1
1- 10	22NA1K3-02	...ANCHOR NUT		22
1- 10	880011-505	..GAUGE, FUEL		1
1- 10	15-478	..GASKET		1
1- 11	210241-007	.STRIP, STALL		4
1- 11	AN515-6R10	@SCREW (QTY/STALL STRIP)	/1	4
1- 11	A6-75	@RIVNUT (QTY/STALL STRIP)	/1	4
1- 11	1601-0410	@RIVET (AVEX)	/1	4
1- 12	210113-505	.COVER ASSEMBLY		2
1- 12	AN-509-10R6	@SCREW		16
1- 12	913009-007	..PLATE, COVER		1
1- 12	913010-001	..DOUBLER ASSEMBLY		1
1- 12	MS21047-L3K	...NUT PLATE		8
1- 13	210099-001	..PLATE COVER		2
1- 13	AN507C1032R-7	@SCREW		22
1- 13	210099-007	..DOUBLER ASSEMBLY		1
1- 13	210099-009	..DOUBLER ASSEMBLY		1
1- 13	22NA1K02	...ANCHOR NUT		22
1- 14	210099-001	..PLATE COVER		2

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SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 14	AN507C1032R-7			
1- 14	210099-007	.@SCREW		22
1- 14	210099-009	..DOUBLER ASSEMBLY		1
1- 14	22NA1K02	..ANCHOR NUT		1
1- 15	210191-501	.PLATE COVER ASSEMBLY		22
1- 15	AN507C1032R-7	@SCREW		8
1- 15	210191-003	..PLATE COVER		64
1- 15	210191-007	..DOUBLER ASSEMBLY		2
1- 15	22NA1K02	..ANCHOR NUT		1
1- 16	921002-001	.PLATE COVER		8
1- 16	AN509-8R6	@SCREW		2
1- 16	921002-003	..DOUBLER ASSEMBLY		6
1- 16	MS21049-L08K	...NUT PLATE		1
1- 17	210191-501	.PLATE COVER ASSEMBLY		6
1- 17	AN507C1032R-7	@SCREW		8
1- 17	210191-003	..PLATE COVER		64
1- 17	210191-007	..DOUBLER ASSEMBLY		1
1- 17	22NA1K02	..ANCHOR NUT		1
1- 18	930026-001	.PLATE COVER		8
1- 19	950271	SPEED BRAKE INSTALLATION (SEE 27-60-00)		4
1- 20		NOT USED		REF
1- 21	930026-001	.PLATE COVER		2
1- 22	210089-503	POST, PITOT TUBE(SEE 34-10-00)		REF
1- 23	930026-001	.PLATE COVER		2
1- 24	930026-001	.PLATE COVER		2
1- 25	921001-001	.PLATE COVER		2
1- 25	AN509-8R6	@SCREW		8
1- 25	921001-003	..DOUBLER ASSEMBLY		1
1- 25	MS21049-L08K	...NUT PLATE		8
1- 26	930027-001	.PLATE COVER, LH (RIVETED)		1
1- 26	921001-001	.PLATE COVER, RH		1
1- 26	AN509-8R6	@SCREW, RH		8
1- 26	921001-003	..DOUBLER ASSEMBLY RH		1
1- 26	MS21049-L08K	...NUT PLATE RH		8
1- 27	921001-001	.PLATE COVER		2
1- 27	AN509-8R6	@SCREW		8
1- 27	921001-003	..DOUBLER ASSEMBLY		1
1- 27	MS21049-L08K	...NUT PLATE		8
1- 28	210231-001	.FAIRING, LH, AILERON CONTROL		1
1- 28	210231-002	.FAIRING, RH, AILERON CONTROL		1
1- 29	930027-001	.PLATE COVER		2
1- 30	921001-001	.PLATE COVER		2
1- 30	AN509-8R6	@SCREW		8
1- 30	921001-003	..DOUBLER ASSEMBLY		1
1- 30	MS21049-L08K	...NUT PLATE		8
1- 31	220000-121	.SKIN, LH, LOWER, TE (OUTBOARD)		1
1- 31	220000-122	.SKIN, RH, LOWER, TE (OUTBOARD)		1
1- 32	930027-001	.PLATE COVER		2
1- 33	921001-505	.PLATE COVER, LH		1
1- 33	930027-001	.PLATE COVER, RH		1
1- 34	930027-001	.PLATE COVER		2
1- 35	220000-021	.SKIN, LH, LOWER, TE(MID)		1

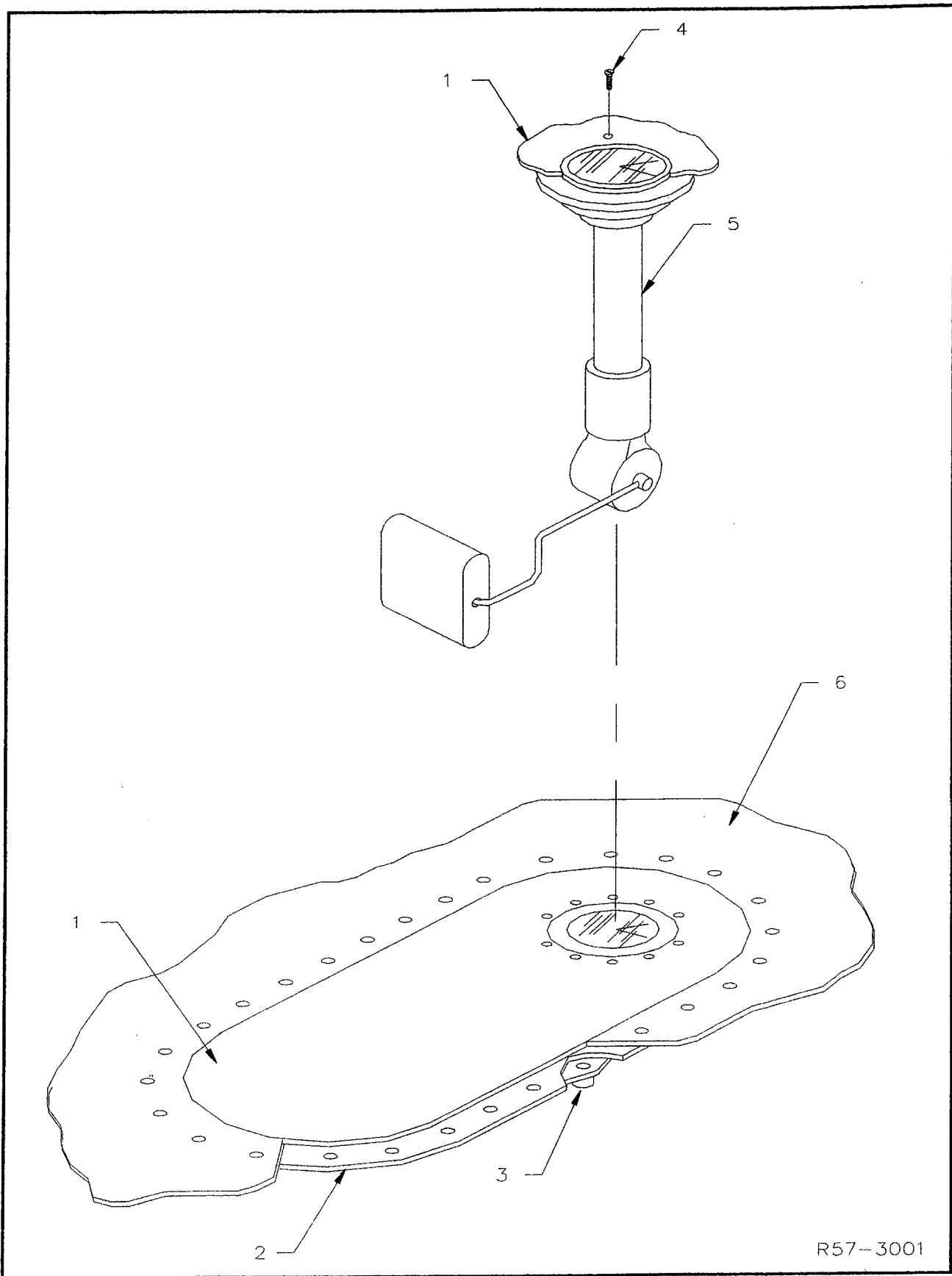
MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 35	220000-022	.SKIN, RH, LOWER, TE(MID)		1
1- 36	921001-001	.PLATE COVER		2
1- 36	AN509-8R6	.@SCREW		8
1- 36	921001-003	..DOUBLER ASSEMBLY		1
1- 36	MS21049-L08K	...NUT PLATE		8
1- 37	210357-001	.SKIN, LH, OUTBOARD		1
1- 37	210357-002	.SKIN, RH, OUTBOARD		1
1- 38	210411-501	.SKIN ASSEMBLY, LH, WHEEL WELL		1
1- 38	210411-502	.SKIN ASSEMBLY, RH, WHEEL WELL		1
1- 38	210401-003	..PLATE, SUPPORT, LH		1
1- 38	210401-004	..PLATE, SUPPORT, RH		1
1- 38	210411-005	..SKIN, LH		1
1- 38	210411-006	..SKIN, RH		1
1- 38	210411-007	..STIFFENER, LH/RH		1
1- 39	220000-159	.SKIN, LH, LOWER, TE (INBOARD)		1
1- 39	220000-160	.SKIN, RH, LOWER, TE (INBOARD)		1
1- 40	220000-219	.SKIN, LH		1
1- 40	220000-220	.SKIN, RH		1
1- 41	921002-001	.PLATE COVER		2
1- 41	AN509-8R6	.@SCREW		6
1- 41	921001-003	..DOUBLER ASSEMBLY		1
1- 41	MS21049-L08K	...NUT PLATE		6
1- 42	210092-007	.STIFFENER SEAL (OUTBOARD)		2
1- 42	210092-009	.SEAL, ANGLE (OUTBOARD)		2
1- 43	610185-501	CAP (SEE 57-10-00)		REF
1- 44	210092-011	.STIFFENER SEAL (INBOARD)		2
1- 44	210092-013	.SEAL, ANGLE (OUTBOARD)		2
1- 45	C46001	.SWITCH, PRE-STALL WARNING (REPLACED BY 800364-509)		1
1- 45	800365-501	.MOD-KIT, STALL WARN. SWITCH(USE W/SAFE FLIGHT SWITCH) (ALT)		1
1- 45	800366-501	SWITCH INSTALLATION, PRE-STALL WARNING (ALT)		REF
1- 45	AN507-6R7	@SCREW		2
1- 45	800364-509	.SWITCH ASSEMBLY, STALL WARNING (ALL SPARES)		1
1- 45	V3-2451-D8	..SWITCH (MICRO SWITCH)		1
1- 45	800364-011	..INSULATOR		1
1- 45	800364-015	..MOUNT, SWITCH		1
1- 45	800364-019	..SAIL ASSEMBLY		1
1- 45	800364-021	..@BUSHING		1
1- 45	MS35206-234	..@SCREW		1
1- 45	MS21042-06	..@NUT		1
1- 45	950D-0309-000	.ALERT, GR/STALL WARNING (IAI) (NI)		1
1- 46	921002-501	.COVER INSTALLATION		2
1- 46	921002-001	..PLATE COVER		1
1- 46	AN509-8R6	.@SCREW		6
1- 46	921002-003	..DOUBLER ASSEMBLY		1
1- 46	MS21049-L08K	...NUT PLATE		6
1- 47	930026-501	.PLATE COVER		2
1- -	210414-501	.AIR DAM, LEFTHAND LANDING GEAR (NI)		1
1- -	210414-502	.AIR DAM, RIGHHAND LANDING GEAR (NI)		1

NOTES:

- AVEX 1601-0410 RIVETS ARE ALTERNATE METHOD OF ATTACHMENT FOR STALL STRIPS IN LIEU OF AN515-6R10 SCREWS AND A6-75 RIVNUTS.

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R57-3001

FIGURE 2 - ACCESS PANEL, EXTERNAL FUEL GAUGE

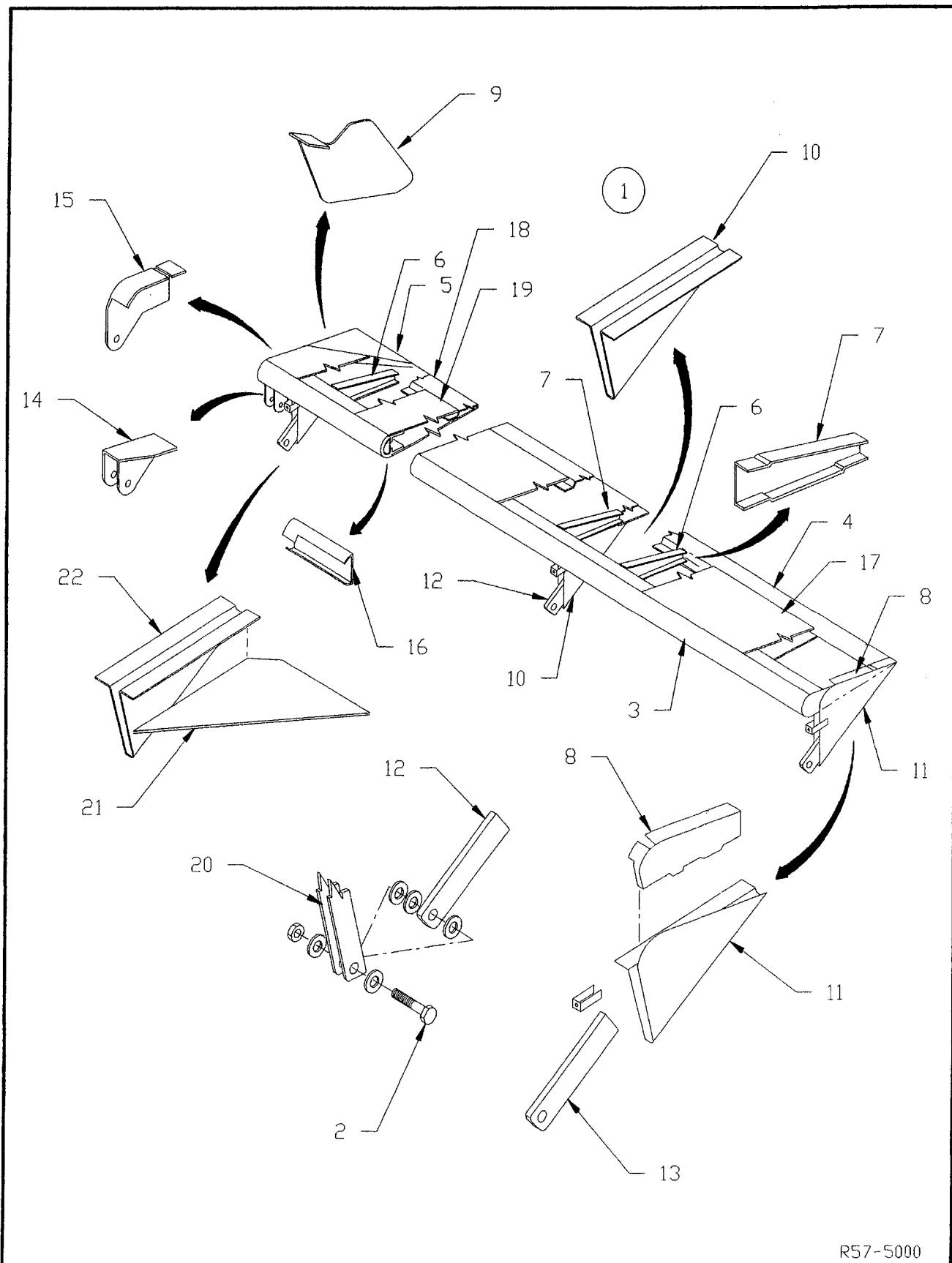
MOONEY AIRCRAFT CORPORATION
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SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
57-30-01				
2- -	210099-507	ACCESS PANEL, FUEL TANK (SEE 95-00-00)		REF
2- 1	210099-015	.PLATE		1
2- 2	210099-009	.DOUBLER		1
2- 3	22NA1K302	.ANCHORNUT (ESNA)		22
2- 4	AN363-632	@NUT (SEE 28-10-00)		REF
2- 4	AN507-6R8	@SCREW (SEE 28-10-00)		REF
2- 4	MS20426-AD4	@RIVET (SEE 28-10-00)		REF
2- 5	880011-511	GAUGE ASSEMBLY (SEE 28-10-00)		REF
2- 6	220000	WING SKIN (SEE 57-30-00)		REF

57-30-01

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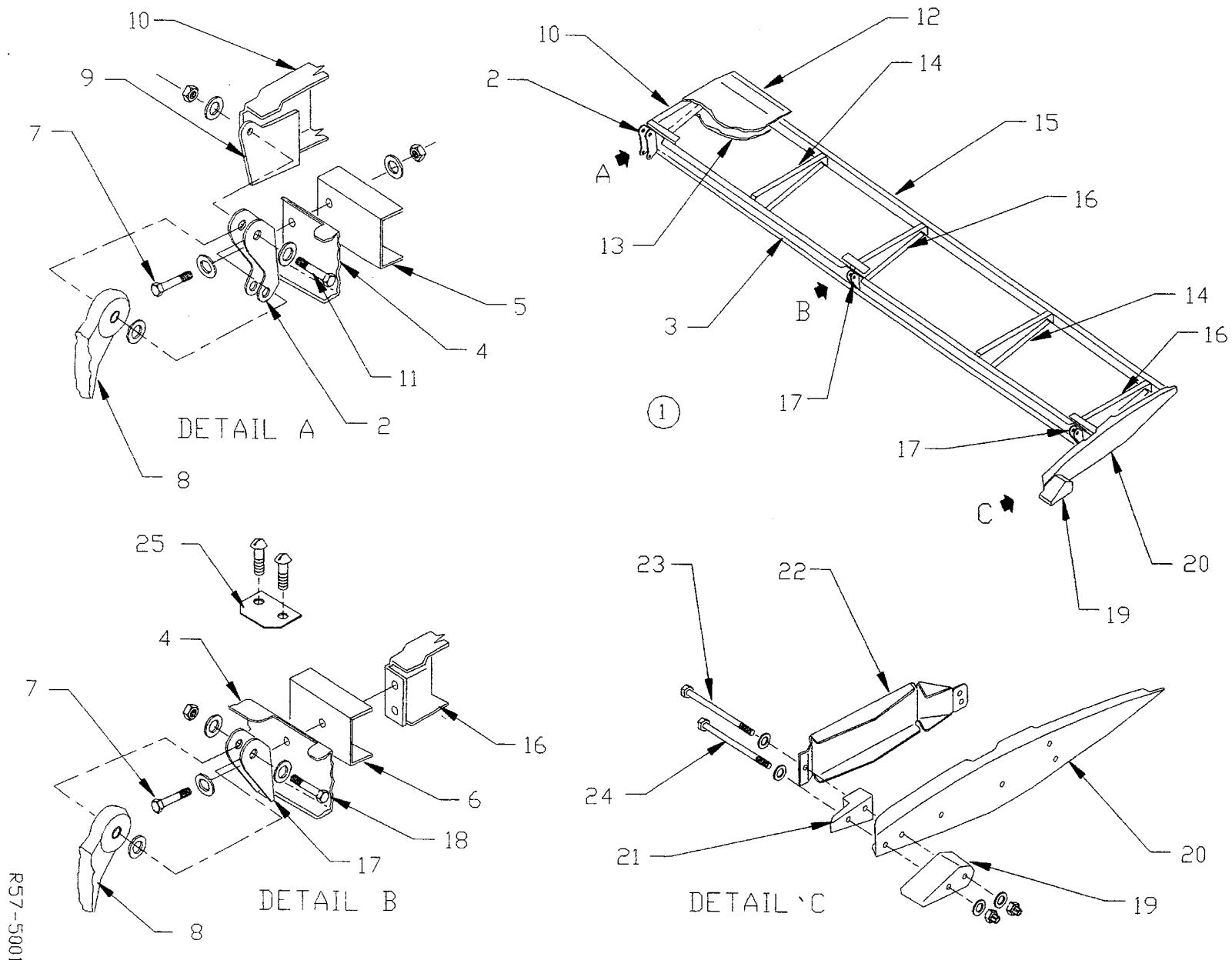
FIGURE 1 - FLAP ASSEMBLY

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
57-50-00				
1- 1	240014-509	FLAP ASSEMBLY, WING, LH (SEE 53-40-00)		REF
1- 1	240014-510	FLAP ASSEMBLY, WING, RH (SEE 53-40-00)		REF
1- 2	AN3-10A	@BOLT (SEE 57-10-00)		4
1- 2	AN960-10	@WASHER		12
1- 2	AN960-10L	@WASHER		8
1- 2	AN365-1032	@NUT		4
1- 3	240014-067	.CHANNEL, LE, LH		1
1- 3	240014-068	.CHANNEL, LE, RH		1
1- 4	240014-021	.PLATE, STIFFENER, LH		1
1- 4	240014-022	.PLATE, STIFFENER, RH		1
1- 5	240014-075	.RIB, INBOARD, LH		1
1- 5	240014-076	.RIB, INBOARD, RH		1
1- 6	240014-005	.RIB, LH		10
1- 6	240014-006	.RIB, RH		10
1- 7	240014-077	.RIB, HINGE, LH		2
1- 7	240014-078	.RIB, HINGE, RH		2
1- 8	240014-073	.RIB, OUTBOARD, LH		1
1- 8	240014-074	.RIB, OUTBOARD, RH		1
1- 9	240014-083	.FAIRING, INBOARD, LH		1
1- 9	240014-084	.FAIRING, INBOARD, RH		1
1- 10	240014-081	.FAIRING, INSIDE, LH		2
1- 10	240014-082	.FAIRING, INSIDE, RH		2
1- 11	240014-079	.FAIRING, OUTBOARD, LH		1
1- 11	240014-080	.FAIRING, OUTBOARD, RH		1
1- 11	240023-003	.CLIP		1
1- 12	240022-003	.BLOCK, HINGE		3
1- 13	240022-005	.BLOCK, HINGE, LH		1
1- 13	240022-006	.BLOCK, HINGE, RH		1
1- 14	240014-025	.BRACKET, ACTUATOR, LH		1
1- 14	240014-026	.BRACKET, ACTUATOR, RH		1
1- 15	240014-031	.ENCLOSURE, CHANNEL, INBOARD, LH		1
1- 15	240014-032	.ENCLOSURE, CHANNEL, INBOARD, RH		1
1- 16	240014-069	.STIFFENER, LH		1
1- 16	240014-070	.STIFFENER, RH		1
1- 17	240014-027	.SKIN, FLAP TOP, LH		1
1- 17	240014-028	.SKIN, FLAP TOP, RH		1
1- 18	240014-085	.SKIN, FLAP BOTTOM, LH/RH		2
1- 19	240014-071	.GUSSET, FLAP LH		1
1- 19	240014-072	.GUSSET, FLAP RH		1
1- 20	210106	FLAP HINGE (SEE 57-10-00)		REF
1- 21	240025-001	.FAIRING, LH		1
1- 21	240025-002	.FAIRING, RH		1
1- 22	240024-001	.FAIRING, LH		1
1- 22	240024-002	.FAIRING, RH		1

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FIGURE 2 - AILERON ASSEMBLY



R57-5001

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SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
57-50-01				
2- 1	230015-509	AILERON ASSEMBLY, LH (SEE 53-40-00)		REF
2- 1	230015-510	AILERON ASSEMBLY, RH (SEE 53-40-00)		REF
2- 2	230015-015	.HINGE, INBOARD		1
2- 3	230015-003	.SPAR ASSEMBLY, MAIN, LH		1
2- 3	230015-004	.SPAR ASSEMBLY, MAIN, RH		1
2- 4	230015-007	..SPAR, MAIN, LH		1
2- 4	230015-008	..SPAR, MAIN, RH		1
2- 5	230015-009	..STIFFENER, SPAR, LH		1
2- 5	230015-010	..STIFFENER, SPAR, RH		1
2- 6	230015-005	..STIFFENER, LH		2
2- 6	230015-006	..STIFFENER, RH		2
2- 7	AN365-428	.@NUT		2
2- 7	AN960-416	.@WASHER		2
2- 7	230015-033	.@WASHER		2
2- 7	AN4-6A	.@BOLT		2
2- 8	210107	HINGE BEARING (PLATED BALL) (SEE 57-10-01)		REF
2- 9	230015-029	.STIFFENER, HINGE, LH		1
2- 9	230015-030	.STIFFENER, HINGE, RH		1
2- 10	230015-027	.RIB, LH/RH, INBOARD		1
2- 11	MS21042-4	.@NUT		1
2- 11	AN960-416L	.@WASHER (NUT SIDE)		1
2- 11	MS20002C4	.@WASHER (CSK TO HD OF BOLT)		1
2- 11	MS20004-12	.@BOLT		1
2- 12	230015-011	.SKIN, LH, TOP (.016 THK)		1
2- 12	230015-012	.SKIN, RH, TOP (.016 THK)		1
2- 13	230015-013	.SKIN, LH, BOTTOM (.016 THK)		1
2- 13	230015-014	.SKIN, RH, BOTTOM (.016 THK)		1
2- 13	NAS1919B4-01	.RIVET, BLIND (NI)		AR
2- 13	NAL1919B4-02	.RIVET, BLIND (NI)		AR
2- 14	230015-017	.RIB, LH/RH, INSIDE		2
2- 15	230015-021	.SPAR, LH/RH, REAR		1
2- 16	230015-020	.STIFFENER, RIB, LH		2
2- 16	230015-019	.STIFFENER, RIB, RH		2
2- 17	230011-000	.BRACKET, HINGE, LH/RH		2
2- 18	MS21042-4	.@NUT		2
2- 18	AN960-416	.@WASHER (NUT SIDE)		2
2- 18	MS20002C4	.@WASHER (CSK TO HD OF BOLT)		2
2- 18	MS20004-12	.@BOLT		2
2- 19	230052-013	.WEIGHT, OUTBOARD, LH/RH (3.1 LB)		1
2- 20	230053-001	.RIB, LH, OUTBOARD		1
2- 20	230053-002	.RIB, RH, OUTBOARD		1
2- 21	230052-001	.WEIGHT, INBOARD (0.8 LB)		1
2- 21	230052-011	.WEIGHT, INBOARD (1.0 LB)		1
2- 22	230054-001	.RIB, LH		1
2- 22	230054-002	.RIB, RH		1
2- 23	AN365-428	.@NUT		1
2- 23	AN970-4	.@WASHER		1
2- 23	AN960-416	.@WASHER		1
2- 23	AN4-33A	.@BOLT		1
2- 24	AN365-428	.@NUT		1
2- 24	AN970-4	.@WASHER		2
2- 24	AN4-27A	.@BOLT		1

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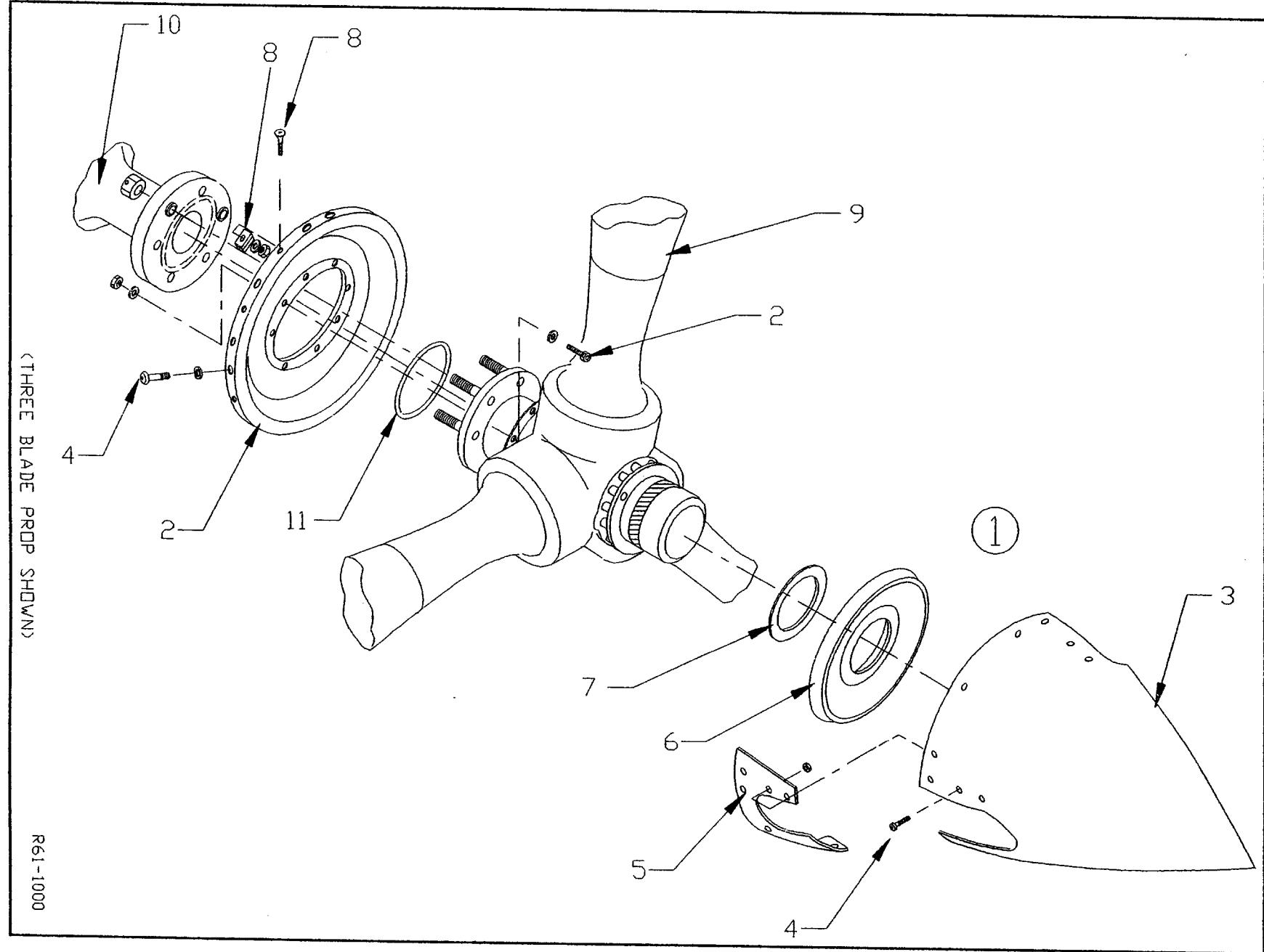
SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
2- 25	230018-501	.FAIRING		2
2- 25	AN530-6R6	.@SCREW		4

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY

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SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
61-10-00				
1- -	600270	POWER PLANT INSTALLATION (SEE 71-00-00)		REF
1- -	680030-501	PROP/SPINNER INSTL (3 BLADE) (McCAULEY) (SEE 71-00-00)	I/2	REF
1- -	680030-503	PROP/SPINNER INSTL (2 BLADE) (McCAULEY) (SEE 71-00-00)	II/2	REF
1- -	680029-501	PROP/SPINNER INSTL (2 BLADE) (PAINTED) (SEE 71-00-00)	III/2	REF
1- -	680029-503	PROP/SPINNER INSTL (2 BLADE) (POLISHED) (SEE 71-00-00)	III/2	REF
1- 1	D-7192-2	.SPINNER ASSEMBLY, PAINTED (3 BLADE) (McCAULEY)	I/2	1
1- 1	D-7192-1	.SPINNER ASSEMBLY, POLISHED (OPT) (3 BLADE) (McCAULEY)	I/2	1
1- 1	D-7579-2	.SPINNER ASSEMBLY, PAINTED (2 BLADE) (McCAULEY)	II/2	1
1- 1	D-7579-1	.SPINNER ASSEMBLY, POLISHED (2 BLADE) (McCAULEY)	II/2	1
1- 2	D-7194	..BULKHEAD ASSEMBLY, AFT, SPINNER (3 BLADE) (McCAULEY)	I/	1
1- 2	AN362F1032	..NUTPLATE	I/	24
1- 2	AN3-6A	..@SCREW	I/	8
1- 2	AN970-3	..@WASHER	I/	16
1- 2	MS21045L3	..@NUT	I/	8
1- 2	D-7582	..BULKHEAD ASSEMBLY, AFT, SPINNER (2 BLADE) (McCAULEY)	II/	1
1- 2	A-2513-42	..@BOLT	II/	12
1- 2	A-1638-26	..@WASHER	II/	24
1- 2	A-1639-4	..@NUT	II/	12
1- 3	D-6201	..SPINNER DOME, PAINTED (3 BLADE) (McCAULEY)	I/	1
1- 3	D-6201-1	..SPINNER DOME, POLISHED (3 BLADE) (McCAULEY)	I/	1
1- 3	D-7581-2	..SPINNER DOME, PAINTED (2 BLADE) (McCAULEY)	II/	1
1- 3	D-7581-1	..SPINNER DOME, POLISHED (2 BLADE) (McCAULEY)	II/	1
1- 4	A-1635-39	..@SCREW, PAINTED (McCAULEY)		26
1- 4	A-1635-133	..@SCREW, POLISHED (McCAULEY)		26
1- 4	A-1638-5	..@WASHER		26
1- 5	C-6202	..FILLET, PAINTED (McCAULEY)		AR
1- 5	C-6202-1	..FILLET, POLISHED (McCAULEY)		AR
1- 5	AN362F1032	..NUTPLATE		2
1- 6	C-6359	..SUPPORT, SPINNER, FORWARD (McCAULEY)		1
1- 7	B-3410-32	..SHIM (FOR SNUG FIT, HUB/FORWARD BULKHEAD) (McCAULEY)		AR
1- 8	680017-001	..WEIGHT, BALANCE	/1	AR
1- 8	680017-003	..WEIGHT, BALANCE	/1	AR
1- 8	680017-005	..WEIGHT, BALANCE	/1	AR
1- 8	680017-007	..WEIGHT, BALANCE	/1	AR
1- 8	AN507-1032R(*)	..@SCREW (*- LENGTH A/R FOR WT. OPTIONS)	/1	AR
1- 8	AN960-10	..@WASHER		AR
1- 8	AN365-1032	..@NUT		AR
1- 9	3A32C418	.PROPELLER HUB ASSEMBLY (McCAULEY)	I/2	1
1- 9	G-82NRC-9	.PROPELLER BLADES (3 BLADES) (McCAULEY)	I/2	3
1- 9	2A34C239	.PROPELLER HUB ASSEMBLY (McCAULEY)	IV/2	1
1- 9	90DMC-15	.PROPELLER BLADES (2 BLADE) (McCAULEY)	IV/2	2
1- 9	2A34C241	.PROPELLER HUB ASSEMBLY (McCAULEY)	III/	1
1- 9	82PGC-6	.PROPELLER BLADES (2 BLADES) (McCAULEY) (ATTACHING HARDWARE - VENDOR FURNISHED)	III/	2
1- 10	IO-550-G(5)	ENGINE (TCM) (SEE 71-00-00)		REF
1- 11	A1633-3	O-RING (SUPPLIED BY McCauley)(2 OR 3 BLADE PROP)	I,II/	1
1- -	660115-511	GOVERNOR, PROPELLER (McCAULEY) (SEE 71-00-01) (NI)	V/	REF
1- -	660115-523	GOVERNOR, PROPELLER (McCAULEY) (SEE 71-00-01) (NI)	IV/	REF

MOONEY AIRCRAFT CORPORATION
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SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
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EFFECTIVITIES:

- I 29-0001 THRU 29-0199
- II 30-0001 THRU 30-TBA & 29-0200 THRU 29-TBA
- III 29-0200 THRU 29-TBA
- IV 30-0001 THRU 30-TBA
- V 29-0001 THRU 29-TBA

NOTE:

1. 12 LOCATIONS AVAILABLE - USE ANY 2 LOCATIONS. MAXIMUM OF TWO WEIGHT OPTIONS AT ANY ONE LOCATION.
2. PROPELLER/SPINNER ASSEMBLY IS DYNAMICALLY BALANCED AT TIME OF MANUFACTURE. BALANCING SYSTEMS/PROCEDURES ARE OPTIONAL, BUT EACH MUST BE COMPATIBLE WITH INSTALLED SYSTEM OR ALL COMPONENTS CHANGED TO SELECTED SYSTEM. SEE MAC DRWG. # 030022 FOR DYNAMIC SOLUTIONS SYSTEMS, INC. BALANCING PROCEDURES.

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SECTION FIG-ITEM	PART NUMBER 12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY

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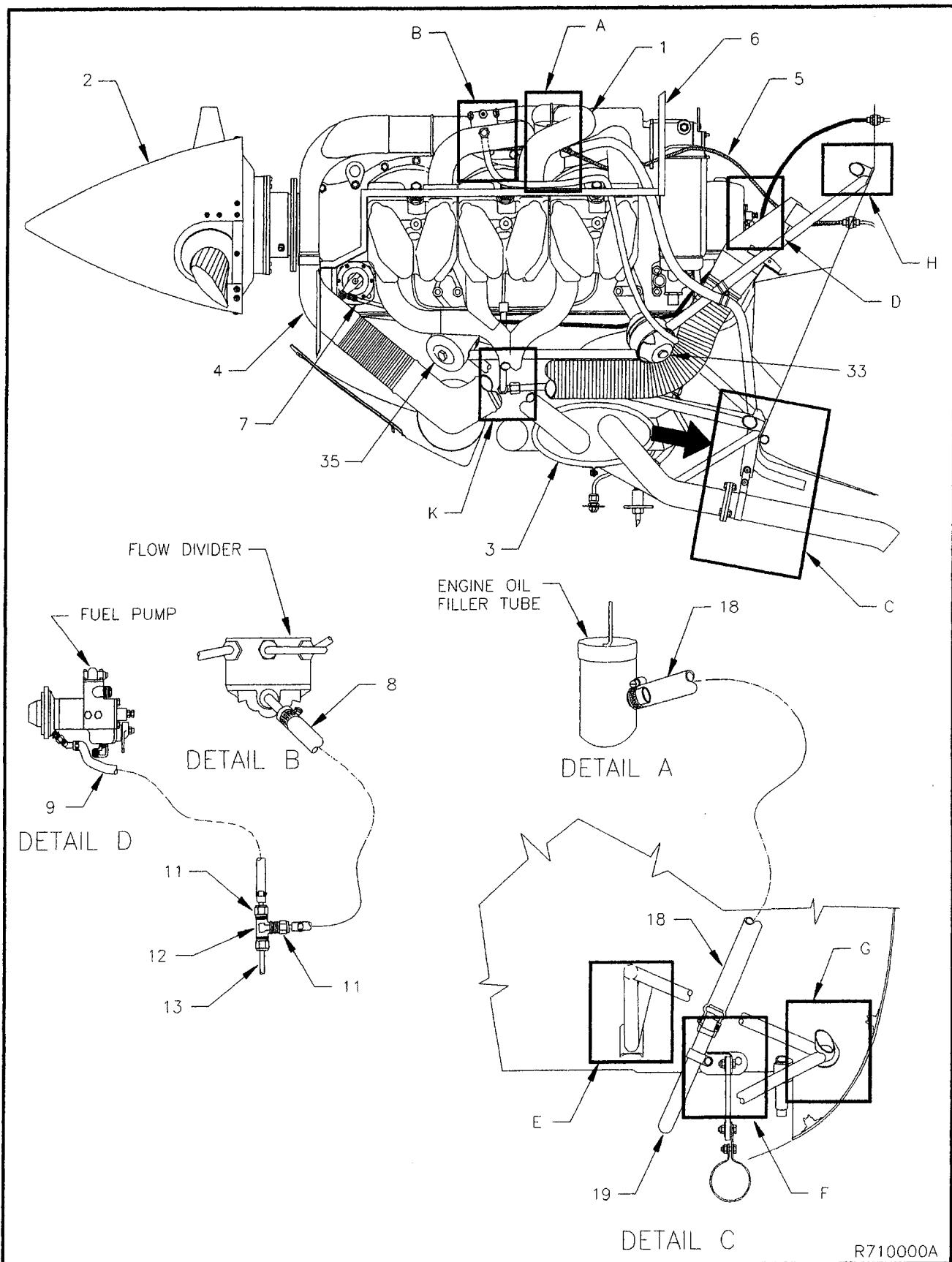


FIGURE 1 - POWER PLANT INSTALLATION (SHEET 1 OF 3)

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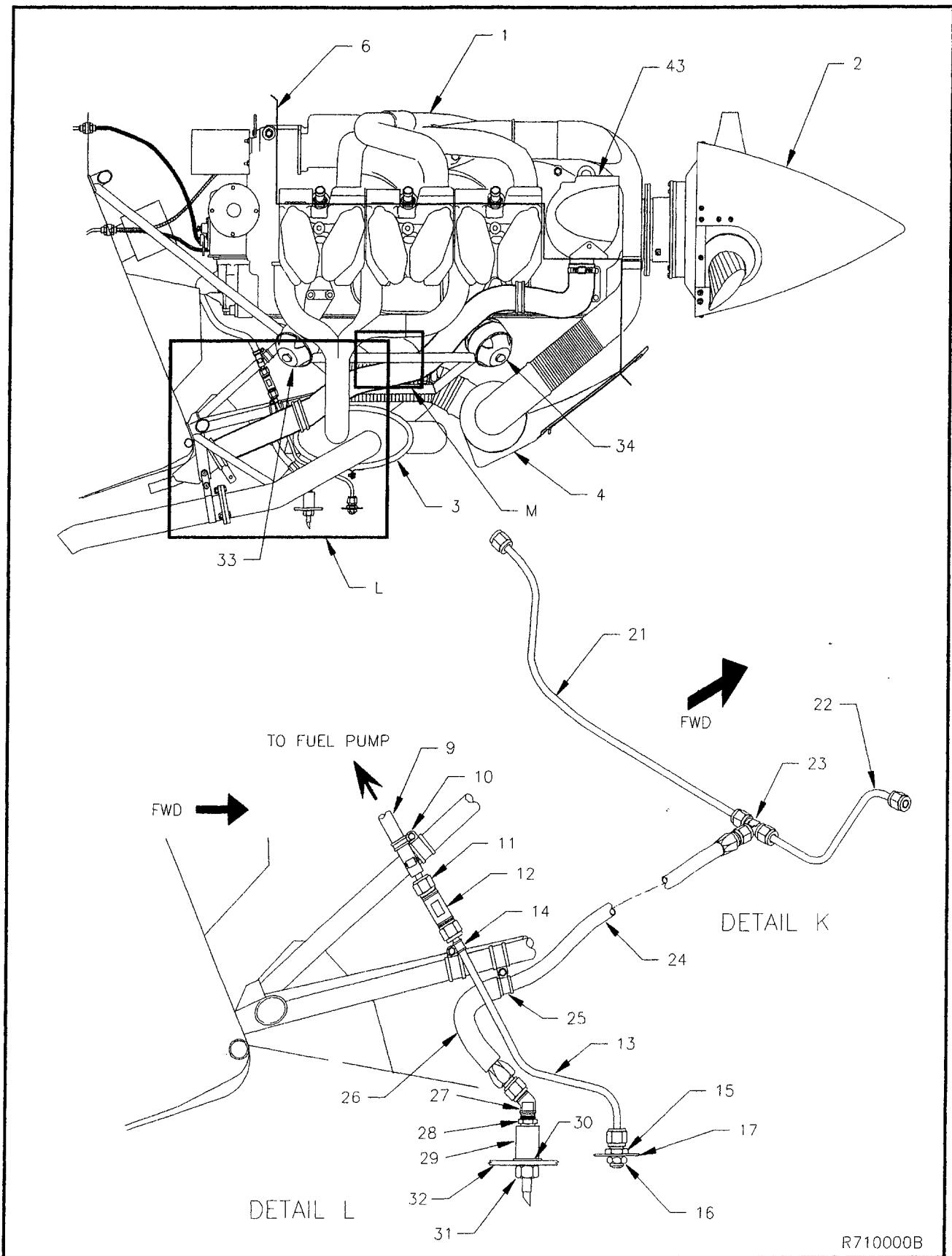


FIGURE 1 - POWER PLANT INSTALLATION (SHEET 2 OF 3)

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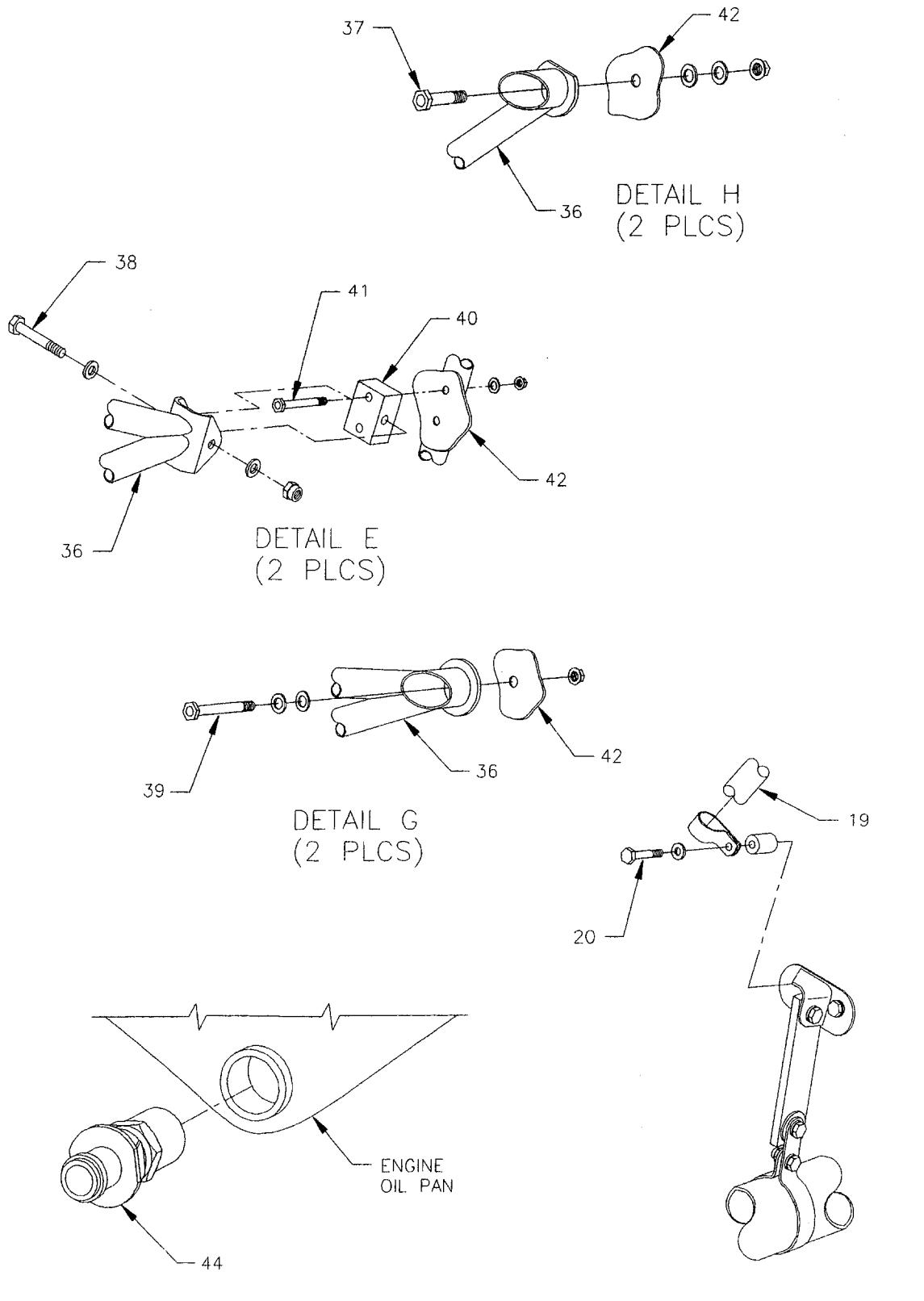


FIGURE 1 - POWER PLANT INSTALLATION (SHEET 3 OF 3)

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
71-00-00				
1- -	600270-501	POWER PLANT INSTALLATION (SEE 00-00-00)	I/	REF
1- -	600270-503	POWER PLANT INSTALLATION (SEE 00-00-00)	II/	REF
1- -	600270-505	POWER PLANT INSTALLATION (SEE 00-00-00)	VIII/	REF
1- 1	IO-550-G(5)	.ENGINE (TCM)	IV/1	1
1- 1	IO-550-G(6)	.ENGINE (TCM)	V/1	1
1- 1	IO-550-G(7)	.ENGINE (TCM)(PLATINUM)(OPT)	IX/2	1
1- 2	680030-501	.PROP & SPINNER INSTALLATION (3 BLADE)(SEE 61-00-00)	VII/	1
1- 2	680029-501	.PROP & SPINNER INSTL (2 BLADE)(PAINTED)(SEE 61-00-00)	VIII/	1
1- 2	680029-503	.PROP & SPINNER INSTL (2 BLADE)(POLISHED)(SEE 61-00-00)	VIII/	1
1- 2	680030-503	.PROP & SPINNER INSTALLATION (2 BLADE)(SEE 61-00-00)	II/	1
1- 2	680030-505	.PROP & SPINNER INSTALLATION (2 BLADE)(SEE 61-00-00)	VII	1
1- 3	630109-501	.EXHAUST SYSTEM (SEE 78-00-00)		1
1- 4	600272-501	.INDUCTION & ALT. AIR INSTALLATION (SEE 71-60-00)		1
1- 5	660229-501	.ENGINE CONTROLS INSTALLATION (SEE 71-00-50)		1
1- 6	600271-501	.BAFFLE ASSEMBLY & INSTALLATION (SEE 71-00-01)		1
1- 7	660115-511	.PROP GOVERNOR (SEE 71-00-01)	I/	1
1- 7	660115-523	.PROP GOVERNOR (SEE 71-00-01)	II/	1
1- 8	MIL-H-5593-4	.VENT HOSE		1
1- 8	6504	.@CLAMP (BREEZE)		2
1- 9	MIL-H-5593-4	.VENT HOSE		1
1- 9	6504	.@CLAMP (BREEZE)		2
1- 10	MS21919WCJ-12	.@CLAMP		1
1- 10	MS21919WCH-12	.@CLAMP (ALT)		1
1- 10	MS21919WCJ-8	.@CLAMP		1
1- 10	MS21919WCH-8	.@CLAMP		1
1- 10	AN3-3A	.@BOLT		1
1- 10	AN960-10	.@WASHER		1
1- 10	MS21042-3	.@NUT		1
1- 11	610197-507	.TUBE ASSEMBLY, FUEL VENT		2
1- 11	MS20819-4D	.SLEEVE		1
1- 11	AN818-4D	.NUT		1
1- 11	610197-007	.TUBE		1
1- 12	AN824-4D	.TEE		1
1- 13	610197-505	.TUBE ASSEMBLY, FUEL VENT		1
1- 13	MS20819-4D	.SLEEVE		2
1- 13	AN818-4D	.NUT		2
1- 13	610197-005	.TUBE		1
1- 14	MS21919WCJ-4	.@CLAMP		1
1- 14	MS21919WCH-4	.@CLAMP (ALT)		1
1- 14	MS21919WCJ-12	.@CLAMP		1
1- 14	MS21919WCH-12	.@CLAMP (ALT)		1
1- 14	AN3-3A	.@BOLT		1
1- 14	AN960-10	.@WASHER		1
1- 14	MS21042-3	.@NUT		1

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 15	AN833-4D	.BULKHEAD FITTING		1
1- 16	AN924-4D	.@NUT		1
1- 16	AN960-916L	.@WASHER		1
1- 17	600266-001	COWL ATTACH FLANGE		REF
1- 18	F-4040A	.TYGON TUBING 1"O.D.X 1/8"W.T. (NORTON PLASTICS)		1
1- 18	6504	.@CLAMP		2
1- 19	620055-003	BREATHER TUBE (SEE 37-00-00)		REF
1- 20	AN3-12A	BOLT (SEE 37-00-00)		REF
1- 20	AN960-10	WASHER (SEE 37-00-00)		REF
1- 20	AN742-11	CLAMP (SEE 37-00-00)		REF
1- 20	914044-011	SPACER (SEE 37-00-00)		REF
1- -	630120	TAIL PIPE HANGER ASSEMBLY (SEE 78-00-00)		REF
1- 21	610197-501	.TUBE ASSEMBLY		1
1- 21	MS20819-40	..SLEEVE		2
1- 21	AN818-4D	..NUT		2
1- 21	610197-001	..TUBE		1
1- 22	610197-503	.TUBE ASSEMBLY		1
1- 22	MS20819-4D	..SLEEVE		2
1- 22	AN818-4D	..NUT		2
1- 22	610197-003	..TUBE		1
1- 23	AN824-4D	.TEE		1
1- 24	AN6270-4D-0200	.HOSE		1
1- 25	MS21919WCJ-8	.@CLAMP		1
1- 25	MS21919WCH-8	.@CLAMP (ALT)		1
1- 25	MS21919WCJ-12	.@CLAMP		1
1- 25	MS21919WCH-12	.@CLAMP (ALT)		1
1- 25	AN3-3A	.@BOLT		1
1- 25	AN960-10	.@WASHER		1
1- 25	MS21042-3	.@NUT		1
1- 26	2650-12	.FIRESLEEVE		1
1- 27	MS20823-4D	.ELBOW, 45°		1
1- 28	AN912-1D	.REDUCER, FITTING		1
1- 29	IH 19-15	.VALVE		1
1- 30	AN960-916	.@WASHER		1
1- 31	AN924-60	.@NUT		1
1- 31	AN960-916L	.@WASHER		1
1- 32	650158-503	EXHAUST & COOLING FAIRING ASSEMBLY (SEE 53-10-00)		REF
1- 33	590052-501	.ISOLATOR ASSEMBLY (SEE 71-20-01)		2
1- 34	590052-503	.ISOLATOR ASSEMBLY (SEE 71-20-01)		1
1- 35	590052-505	.ISOLATOR ASSEMBLY (SEE 71-20-01)		1
1- 36	590050-501	.ENGINE MOUNT (SEE 71-20-00)		1
1- 37	NAS1305-18	.@BOLT		2
1- 37	AN960-516	.@WASHER		4
1- 37	AN363-524	.@NUT		2
1- 38	AN4-15A	.@BOLT		2
1- 38	AN960-416	.@WASHER		4
1- 38	MS21045L4	.@NUT		2
1- 39	NAS1304-32	.@BOLT		2

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
FIG-ITEM				
1- 39	AN960-416	.@WASHER		4
1- 39	MS21042L4	.@NUT		2
1- 40	590002	.BLOCK		2
1- 41	AN3-15A	.@BOLT		2
1- 41	AN960-10	.@WASHER		2
1- 41	MS21042-3	.@NUT		2
1- 42	600265-501	FIREWALL		REF
1- 43	600286-501	.ALTERNATOR SHROUD (SEE 71-00-04)	III/	1
1- 43	600286-001	..DUCT		1
1- 43	MS21059-3	...PLATE NUT		1
1- 43	600286-003	..ANGLE		1
1- 43	MS35206-243	..@SCREW		1
1- 43	AN960-10	..@WASHER		1
1- 44	BJ1000AH-3D0	.QUICK DRAIN (AUTO-VALVE INC.)		1
1- 44	AE99950G	.QUICK DRAIN (AEROQUIP) ALTERNATE		1
1- -	PLT1.5I-M69	.CABLE TIES (PANDUIT)		AR
1- -	CH48109	.FILTER, OIL (NI)		1
1- -	800270-501	VOLTAGE REGULATOR (SEE 39-10-00)		VI/ REF
1- -	800397-501	VOLTAGE REGULATOR (SEE 39-100-00)		VII/ REF
1- -	660230	INSTRUMENTATION, ENGINE (SEE 71-00-05)		REF

EFFECTIVITIES:

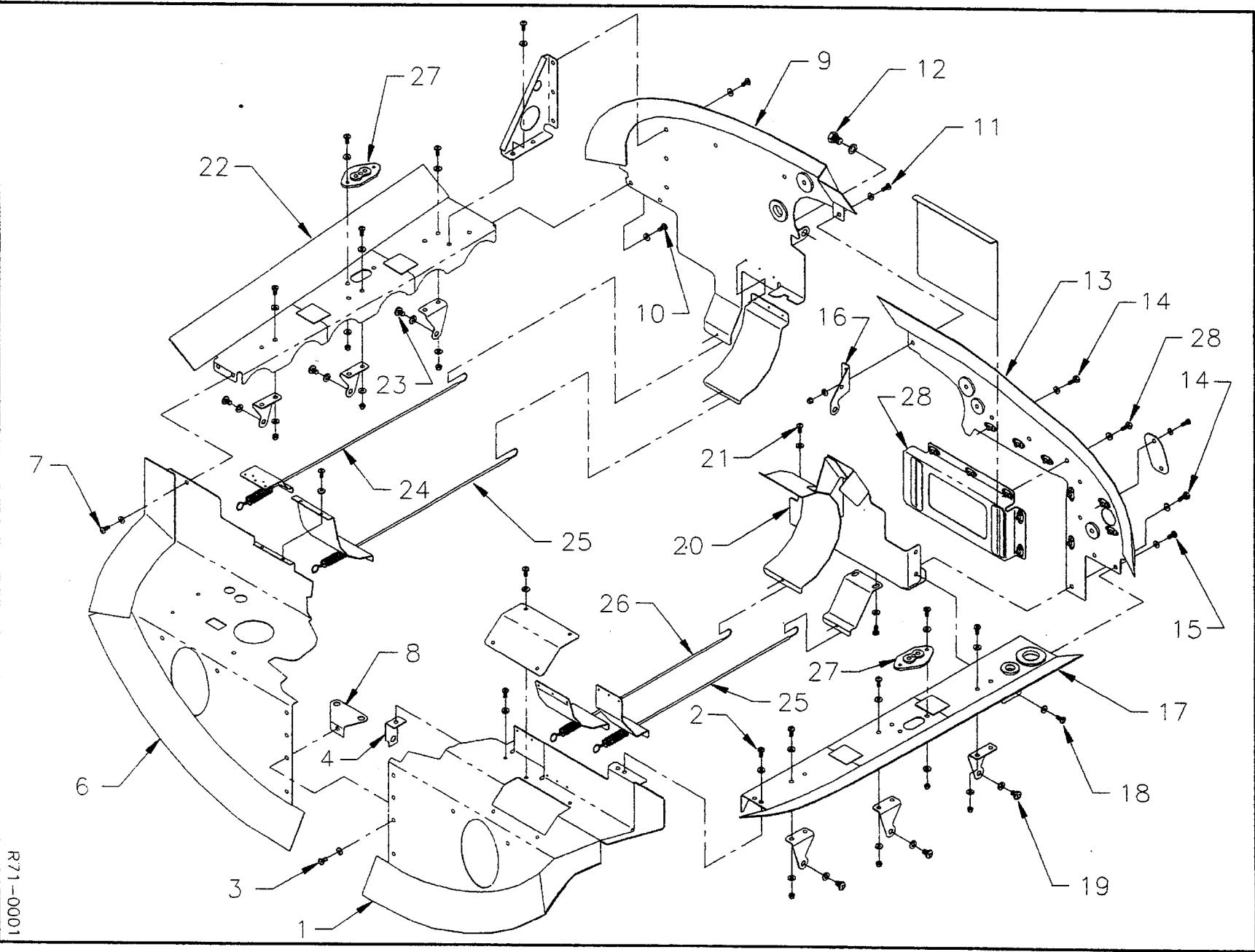
- I 29-0001 THRU 29-TBA
- II 30-0001 THRU 30-TBA
- III 29-0059, 29-0063 THRU 29-TBA
- IV 29-0001 THRU 29-0089
- V 29-0090 THRU 29-TBA
- VI 29-0001 THRU 29-0182, 29-0184 THRU 29-0199
- VII 29-0183,29-0200 THRU 29-TBA
- VIII 29-0200 THRU 29-TBA
- IX 29-0232 THRU 29-TBA

NOTES:

1. IO-550-G5 ENGINE CONFIGURATION APPLICABLE TO ENGINE INSTALLATION ON 29-0001 THRU 29-0089 THAT DO NOT HAVE TKS SYSTEM INSTALLED. THIS -G5 HAS ACCESSORY PADS FOR A STANDARD VACUUM PUMP AND CLUTCH DRIVER STAND-BY VACUUM PUMP. IO-550-G6 ENGINE CONFIGURATION IS APPLICABLE TO ENGINE INSTALLATIONS ON 29-0001 THRU 29-TBA THAT HAVE TKS SYSTEM INSTALLED AND ON ALL AIRCRAFT 29-0090 THRU 29-TBA.
2. REFER TO ORIGINAL SALES ORDER, WHEN IN DOUBT IF ENGINE IS PLATINUM ENGINE OR NOT.

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

FIGURE 2 - ENGINE BAFFLE INSTALLATION



MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
71-00-01				
2- -	600271-501	BAFFLE INSTALLATION (SEE 71-00-00)		REF
2- 1	600281-501	.BAFFLE ASSEMBLY, FORWARD, LH		1
2- 1	600281-001	..BAFFLE		1
2- 1	600281-005	..BAFFLE		1
2- 1	600281-009	..BAFFLE		1
2- 1	600281-013	..SEAL		1
2- 1	600281-015	..SEAL		1
2- 1	600281-027	..COVER		1
2- 1	MS35206-229	..@SCREW		4
2- 1	AN960-6L	..@WASHER		4
2- 1	MS21059-3	..NUTPLATE		2
2- 1	MS21071-L3	..NUTPLATE		2
2- 1	MS21059-06	..NUTPLATE		4
2- 2	MS35207-262	..@SCREW		2
2- 2	AN960-10L	..@WASHER		2
2- 3	MS35207-262	..@SCREW		4
2- 3	AN960-10L	..@WASHER		4
2- 4	600282-501	.CLIP ASSEMBLY		1
2- 4	MS21059-3	..NUTPLATE		1
2- 5	MS35207-262	..@SCREW		1
2- 5	AN960-10L	..@WASHER		1
2- 6	600281-503	.BAFFLE ASSEMBLY, FORWARD, RH		1
2- 6	600281-007	..BAFFLE		1
2- 6	600281-009	..BAFFLE		1
2- 6	600281-011	..BAFFLE		1
2- 6	MS35206-243	..@SCREW		2
2- 6	AN960-8L	..@WASHER		2
2- 6	600281-017	..SEAL		1
2- 6	600281-019	..SEAL		1
2- 6	MS21059-3	..NUTPLATE		5
2- 7	MS35207-262	..@SCREW		2
2- 7	AN960-10L	..@WASHER		2
2- 8	600282-503	.SUPPORT ASSEMBLY		1
2- 8	MS21059-3	..NUTPLATE		1
2- 9	600277-501	.BAFFLE, RIGHT REAR		1
2- 9	600277-001	..BAFFLE		1
2- 9	600277-005	..BAFFLE		1
2- 9	600277-007	..BRACKET		1
2- 9	600277-003	..SEAL		1
2- 9	600277-011	..BRACE ASSEMBLY		1
2- 9	600277-009	..BRACE		1
2- 9	MS35207-262	..@SCREW		3
2- 9	AN960-10	...@WASHER		3
2- 9	MS21061-L3	...@NUTPLATE		2
2- 9	MS21059-3	...@NUTPLATE		1
2- 9	MS35489-8	..GROMMET		1
2- 9	MS35489-20	..GROMMET		1
2- 10	MS35207-262	..@SCREW		4
2- 10	AN960-10L	..@WASHER		4
2- 11	MS35207-262	..@SCREW		2
2- 11	AN960-10L	..@WASHER		4
2- 11	MS21042-L3	..@NUT		2

71-00-01

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MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
2- 12	3/8 - 16 X .50 LG			
		.@BOLT		1
2- 12	AN960-616L	.@WASHER		1
2- 13	600274-501	.BAFFLE, LEFT REAR		1
2- 13	600274-001	..BAFFLE		1
2- 13	600274-003	..SEAL		1
2- 13	600274-005	..CLOSEOUT		1
2- 13	MS35206-245	..@SCREW		2
2- 13	AN960-8L	..@WASHER		2
2- 13	MS21059-L08	..@NUTPLATE		2
2- 13	MS21059-3	..NUTPLATE, OIL COOLER ATTACHMENT		5
2- 13	MS35489-7	..GROMMET		1
2- 13	MS35489-8	..GROMMET		1
2- 14	AN3-4A	..@BOLT, OIL COOLER ATTACHMENT		6
2- 14	AN960-10L	..@WASHER, OIL COOLER ATTACHMENT		6
2- 15	MS35207-262	..@SCREW		2
2- 15	AN960-10L	..@WASHER		2
2- 16	600280-003	.BRACKET		1
2- 17	600273-501	.BAFFLE ASSEMBLY, SIDE		1
2- 17	600273-002	..BAFFLE		1
2- 17	600273-004	..BAFFLE		1
2- 17	600273-006	..BAFFLE		1
2- 17	600273-007	..RETAINER		2
2- 17	600273-009	..SUPPORT		2
2- 17	MS35207-262	..@SCREW		4
2- 17	AN960-10	..@WASHER		8
2- 17	MS21042-3	..@NUT		4
2- 17	600273-011	..SUPPORT		1
2- 17	MS35207-262	..@SCREW		2
2- 17	AN960-10	..@WASHER		4
2- 17	MS21042-3	..@NUT		2
2- 17	600273-013	..SEAL		1
2- 17	MS21061-L3	..NUTPLATE		2
2- 17	MS35489-16	..GROMMET		1
2- 17	MS35489-23	..GROMMET		1
2- 18	MS35207-262	..@SCREW		2
2- 18	AN960-10L	..@WASHER		2
2- 19	MS51957-77	..@SCREW		3
2- 19	MS35338-44	..@WASHER		3
2- 20	600279-501	.BAFFLE ASSEMBLY, OIL COOLER		1
2- 20	600279-001	..BAFFLE		1
2- 20	600279-003	..DEFLECTOR		1
2- 20	MS35207-263	..@SCREW		2
2- 20	AN960-10	..@WASHER		2
2- 20	600279-005	..DEFLECTOR		1
2- 20	600279-007	..DEFLECTOR		1
2- 20	MS21059-3	..NUTPLATE, OIL COOLER ATTACHMENT		1
2- 20	MS21061-L3	..NUTPLATE		5
2- 21	MS35207-262	..@SCREW		1
2- 21	AN960-10L	..@WASHER		1
2- 22	600273-503	.BAFFLE ASSEMBLY, SIDE		1
2- 22	600273-001	..BAFFLE		1
2- 22	600273-003	..BAFFLE		1

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
FIG-ITEM				
2- 22	600273-005	..BAFFLE		1
2- 22	600273-007	..RETAINER		2
2- 22	600273-009	..SUPPORT		2
2- 22	MS35207-262	..@SCREW		4
2- 22	AN960-10	..@WASHER		8
2- 22	MS21042-3	..@NUT		4
2- 22	600273-011	..SUPPORT		1
2- 22	MS35207-262	..@SCREW		2
2- 22	AN960-10	..@WASHER		4
2- 22	MS21042-3	..@NUT		2
2- 22	600273-015	..SEAL		1
2- 22	MS21059-3	..NUTPLATE		2
2- 22	MS21061-L3	..NUTPLATE		2
2- 22	MS21073-L3	..NUTPLATE		2
2- 23	MS51957-77	..@SCREW		3
2- 23	MS35338-44	..@WASHER		3
2- 24	600372-507	.BAFFLE RETAINER ASSEMBLY		1
2- 24	600372-007	..RETAINER		1
2- 24	T12T	..SPIRAL WRAP (PANDUIT)		1
2- 24	LC-051G-9	..SPRING (LEE SPRING CO.)		1
2- 25	600372-511	.BAFFLE RETAINER ASSEMBLY		2
2- 25	600372-011	..RETAINER		1
2- 25	T12T	..SPIRAL WRAP (PANDUIT)		1
2- 25	LC-051-9	..SPRING (LEE SPRING CO.)		1
2- 26	600372-513	.BAFFLE RETAINER ASSEMBLY		1
2- 26	600372-013	..RETAINER		1
2- 26	T12T	..SPIRAL WRAP (PANDUIT)		1
2- 26	LC-051-9	..SPRING (LEE SPRING CO.)		1
2- 27	LW-M-2376	.PLATE		2
2- 27	MS35207-262	..@SCREW		2
2- 27	AN960-10L	..@WASHER		4
2- 27	MS21042-L3	..@NUT		2
2- 28	600283-501	.BAFFLE ASSEMBLY, OIL COOLER WINTERZATION KIT (SEE 71-00-03)		1
2- 28	MS35207-262	..@SCREW (SEE 71-00-03)		5
2- 28	AN960-10L	..@WASHER (SEE 71-00-03)		5

NOTES:

1. 50023-2 SPIRAL WRAP (PURCHASE AMP INC., HARRISBURG, PA) IS AN ALTERNATE FOR T12T SPIRAL WRAP.

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

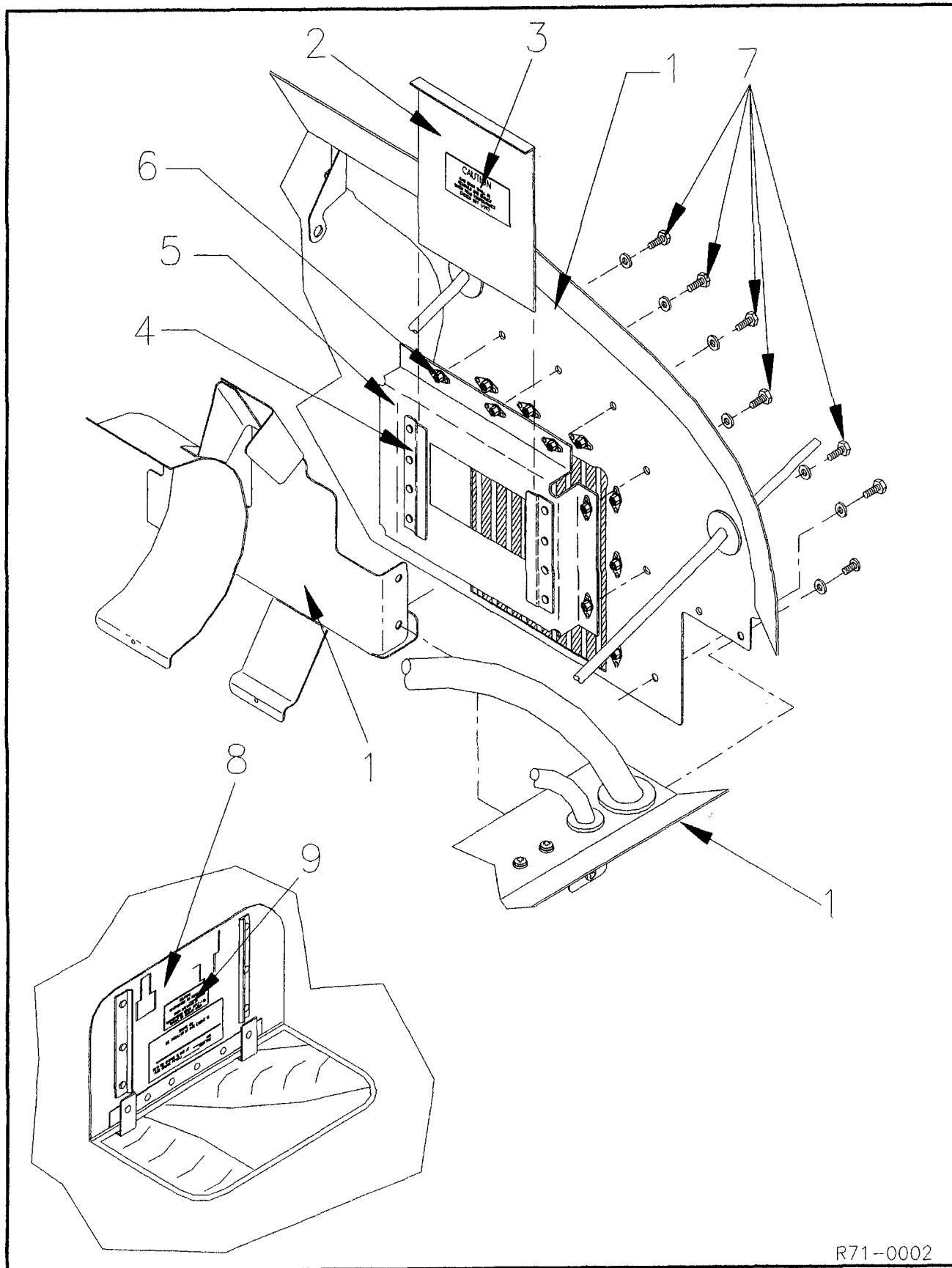


FIGURE 3 - WINTERIZATION KIT, OIL COOLER

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
71-00-02				
3- -	600283-501	BAFFLE ASSEMBLY, OIL COOLER,		REF
3- -	-	WINTERIZATION (OIL COOLER) (SEE 71-00-01)		
3- 1	600274	BAFFLE, ENGINE (SEE 71-00-01)		REF
3- 2	600283-003	.DOOR	/1	1
3- 3	150080-6083	..DECAL		1
3- 4	600283-005	.RETAINER		2
3- 4	MS20426AD3-4	@RIVET		8
3- 5	600283-001	.BAFFLE		1
3- 6	MS21059L3	.PLATE NUT, WINTERIZATION KIT ATTACHMENT		5
3- 6	MS20426AD3-4	@RIVET		10
3- 7	MS35207-262	@SCREW, WINTERIZATION KIT ATTACHMENT (SEE 71-00-01)		REF
3- 7	AN960-10L	@WASHER, WINTERIZATION KIT ATTACHMENT (SEE 71-00-01)		REF
3- 8	650056	DOOR, OIL FILLER (SEE 71-10-00)		REF
3- 9	150080-6084	.DECAL		1
3- -	940092-501	WINTERIZATION KIT, OIL COOLER, RETROFIT		REF

NOTES:

1. 600283-003 DOOR, WINTERIZATION KIT IS TO BE PLACED IN FLY-AWAY KIT, 010037-501 AT TIME OF AIRCRAFT LICENSING.

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

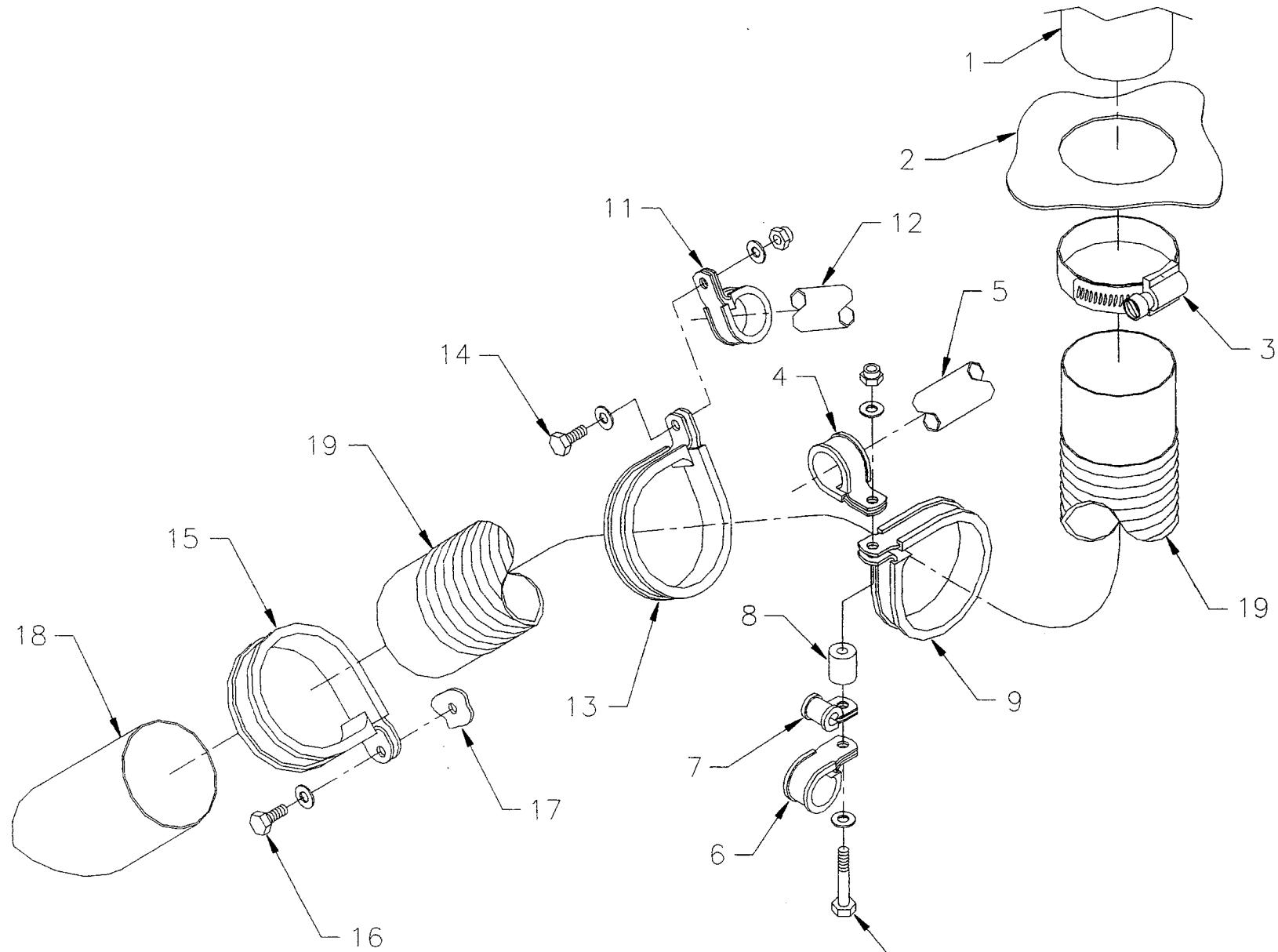


FIGURE 4 - ALTERNATOR COOLING DUCT

R71-0003

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
71-00-03				
1- -	600284-501	ALTERNATOR COOLING DUCT INSTALLATION (SEE 00-00-00)	I/1	REF
1- 1	IO550-G5B	ALTERNATOR, CONTINENTAL ENGINE		REF
1- 2	600281-503	FORWARD BAFFLE ASSEMBLY. (SEE 71-00-01)		REF
1- 3	AN737TW-91	.CLAMP	1	
1- 4	MS21919WDG12	.CLAMP	1	
1- 5	IO550-G5B	PUSH ROD TUBE, CONTINENTAL ENGINE		REF
1- 6	MS21919WDG10	.CLAMP (SEE 00-00-00)		REF
1- 7	MS21919WDG4	.CLAMP (SEE 00-00-00)		REF
1- 8	914019-003	.SPACER	1	
1- 9	MS21919WDG34	.CLAMP	1	
1- 10	AN3-11A	.@BOLT	1	
1- 10	AN960-10L	.@WASHER	2	
1- 10	MS21045-L3	.@NUT	1	
1- 11	MS21919WDG12	.CLAMP	1	
1- 12	590050-501	ENGINE MOUNT (SEE 71-20-00)		REF
1- 13	MS21919WDG34	.CLAMP	1	
1- 14	AN3-4A	.@BOLT	1	
1- 14	AN960-10L	.@WASHER	2	
1- 14	MS21045-L3	.@NUT	1	
1- 15	MS21919WDG34	.CLAMP	1	
1- 16	AN3-4A	.@BOLT	1	
1- 16	AN960-10L	.@WASHER	1	
1- 17	600422-505	NOSE GEAR BOX (SEE 00-00-00)		REF
1- 18	600284-001	.TAILPIPE	1	
1- 19	640001-045	.DUCT HOSE	1	

EFFECTIVITY:

I 29-0001 THRU 29-0058 & 29-0060 THRU 29-0062

NOTES:

1. SEE 71-00-00, FIGURE 1, ITEM 43 FOR CURRENT PRODUCTION CONFIGURATION.

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

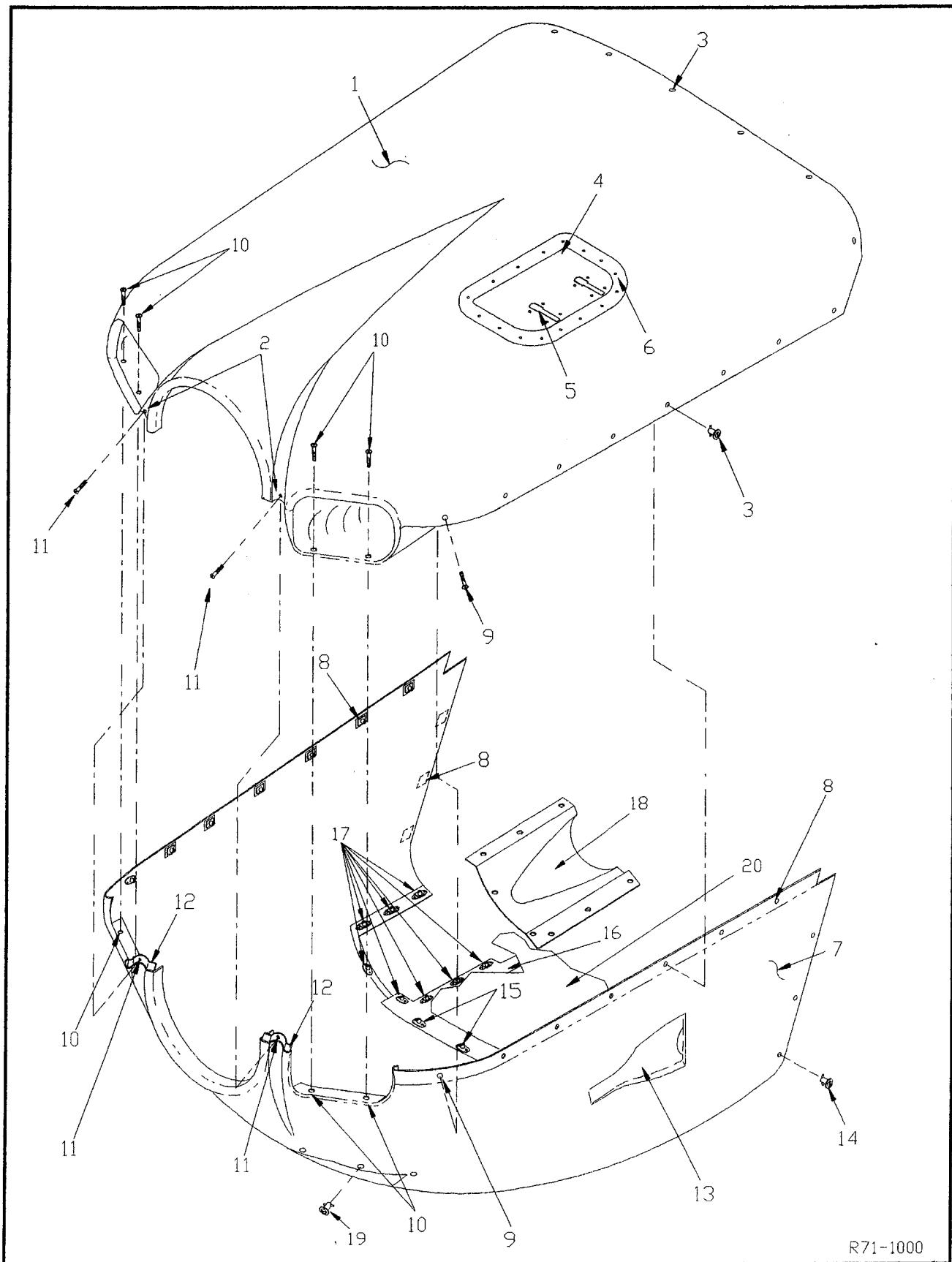


FIGURE 1 - COWLING ASSEMBLY AND INSTALLATION

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
71-10-00				
1- -	650155-501	COWLING INSTALLATION (SEE 00-00-00)		REF
1- 1	650154-501	.COWL ASSEMBLY, UPPER		1
1- 1	650154-001	..COWL, UPPER		1
1- 2	650155-009	..PLATE, LH		1
1- 2	650155-011	..PLATE, RH		1
1- 2	MS20426A4	...@RIVET	/1	10
1- 3	4002-0S	..GROMMET (CAMLOC)		21
1- 3	4002-4S	..STUD (CAMLOC)	/2	21
1- 3	R4G	..RING, SNAP (CAMLOC)		21
1- 4	650056-507	..DOOR ASSEMBLY, OIL FILLER		1
1- 4	650056-025	..DOOR		1
1- 4	650056-017	..STIFFENER, DOOR		2
1- 4	MS20426AD3	...@RIVET	/1	4
1- 4	H2340-1	...HINGE (HARTWELL)		2
1- 4	MS20426AD5	...@RIVET	/1	3
1- 4	650056-023	...SPACER		1
1- 4	MS20426AD3	...@RIVET	/1	8
1- 5	H-4600-051-115	...LATCH ASSEMBLY (HARTWELL)		2
1- 5	MS20426AD3	...@RIVET	/1	4
1- 6	650056-021	..RING, OIL FILLER DOOR		1
1- 7	650135-501	.COWL ASSEMBLY, LOWER		1
1- 7	650135-001	..COWL, LOWER		1
1- 8	214-16	..RECEPTACLE (CAMLOC)		12
1- 8	MS20426AD4	..@RIVET	/1	2
1- 9	MS21059L3	..NUT PLATE, COWLING, FORWARD/SIDE		2
1- 9	MS20426AD3	..@RIVET	/1	2
1- 9	MS24694S51	..SCREW		2
1- 9	NAS1169-10	..WASHER		2
1- 10	MS21059L3	..NUT PLATE, COWLING, INDUCTION FAIRING		4
1- 10	MS20426AD3	..@RIVET	/1	2
1- 10	MS24694S51	..SCREW		4
1- 10	NAS1169-10	..WASHER		4
1- 11	MS21051L3	..NUT PLATE, COWL, FORWARD		2
1- 11	MS20426AD3	..@RIVET	/1	2
1- 11	MS24694S51	..SCREW		2
1- 12	650135-011	..BRACKET, LH		1
1- 12	650135-013	..BRACKET, RH		1
1- 12	MS20426A3	..@RIVET	/1	12
1- 13	650156-001	.DUCT ASSEMBLY, NACA, CABIN AIR		1
1- 13	MS20426A4	...@RIVET	/1	21
1- 13	650156-007	...DUCT		1
1- 13	PR812	..SEALANT (COAT -7 FLANGE) (PROD. RESEARCH)		AR
1- 13	EA934	..SEALANT (ALT) (HYSOL)		AR
1- 14	4002-4S	..STUD, COWL, AFT FLANGE (CAMLOC)	/2	8
1- 14	4002-0S	..GROMMET (CAMLOC)		8
1- 14	R4G	..SNAP RING (CAMLOC)		8
1- 15	4002-4S	..STUD, COWL, AFT FLANGE (CAMLOC)	/2	5
1- 15	4002-0S	..GROMMET (CAMLOC)		5
1- 15	R4G	..SNAP RING (CAMLOC)		5
1- 16	600266	FLANGE, LOWER COWL ATTACH (SEE 53-10-00)		REF
1- 17	212-12	..RECEPTACLE, FAIRING ATTACH, LH/RH		14

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 17	MS20426AD3	..@RIVET	/1	28
1- 18	650158-501	.FAIRING ASSEMBLY, EXHAUST & COOLING, LH (53-10-00)		1
1- 18	2700-3S	..STUD		7
1- 18	2600SW2	..WASHER		7
1- 18	650158-503	.FAIRING ASSEMBLY, EXHAUST & COOLING, RH (53-10-00)		1
1- 18	650159-503	.FAIRING ASSEMBLY, EXHAUST & COOLING RH	//	1
1- 18	2700-3S	..STUD		8
1- 18	2600SW2	..WASHER		8
1- 19	2700-3S	..STUD, LOWER COWL, INDUCTION AIR DUCT		7
1- 19	2600SW2	..WASHER		7
1- 20	600422	NOSE GEAR BOX ASSEMBLY. (SEE 53-10-00)		REF

EFFECTIVITIES:

I 29-0001 THRU 29-TBA

NOTES:

1. LENGTH OF RIVETS VARY DEPENDING ON COMPOSITE LAYERS, USE CORRECT LENGTH FOR REPAIRS.
2. LENGTH OF CAMLOC MAY VARY ± 2 SIZES DEPENDING ON COMPOSITE LAYERS. USE PROPER LENGTH FOR ATTACHMENT.

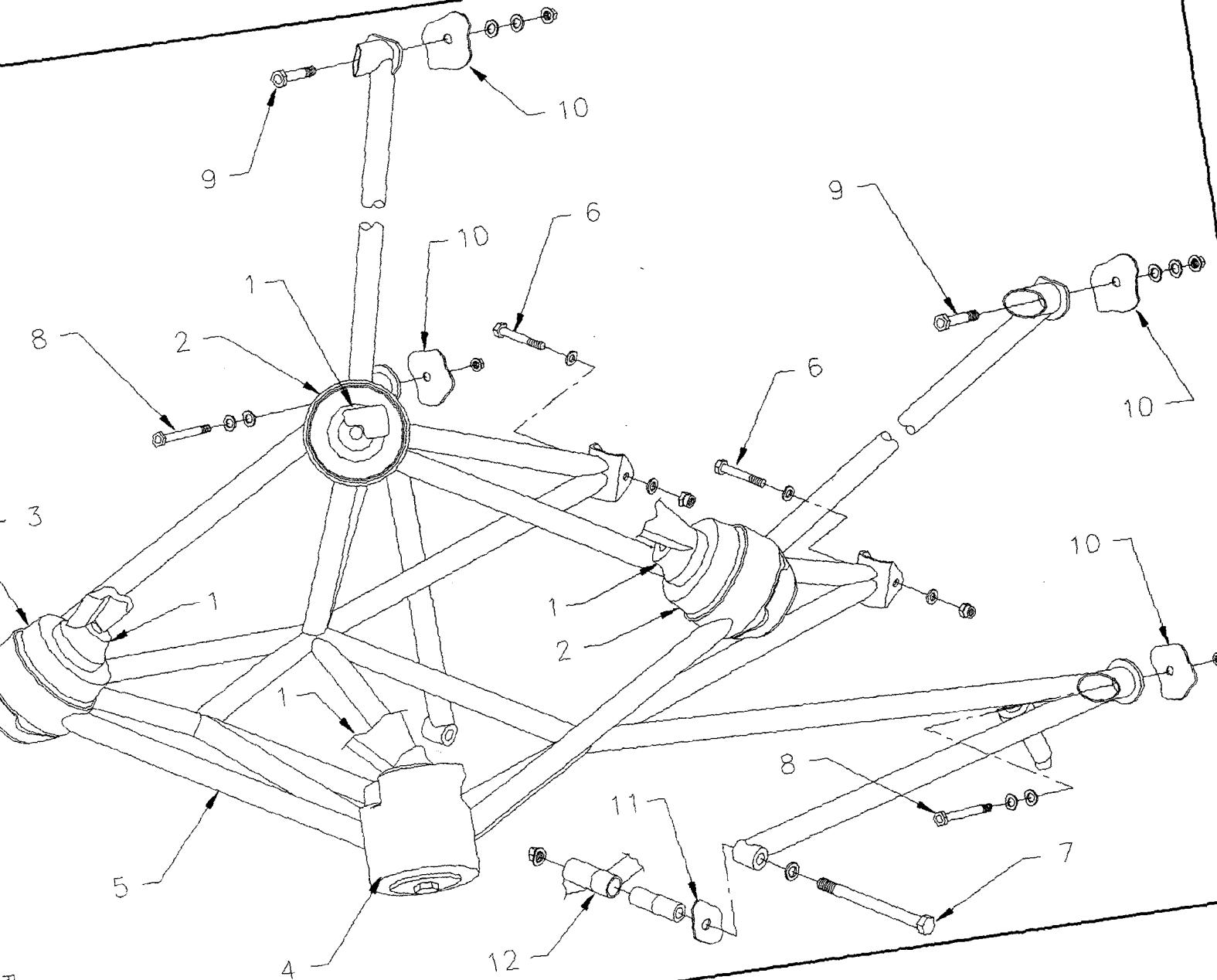
MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY

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MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

FIGURE 1 - ENGINE MOUNT INSTALLATION



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MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
71-20-00				
1- -	590050	ENGINE MOUNT INSTALLATION (SEE 00-00-00)		REF
1- 1	IO-550-G(5)	ENGINE (TCM) (SEE 71-00-00)		REF
1- 2	590052-501	.ISOLATOR ASSEMBLY (SEE 71-20-01)		REF
1- 3	590052-503	.ISOLATOR ASSEMBLY (SEE 71-20-01)		REF
1- 4	590052-505	.ISOLATOR ASSEMBLY (SEE 71-20-01)		REF
1- 5	590050-501	.ENGINE MOUNT	1	
1- 6	AN4-15A	.@BOLT	2	
1- 6	AN960-416	.@WASHER	2	
1- 6	MS21045L4	.@NUT	2	
1- 7	AN6-42A	.@BOLT	2	
1- 7	914007-002	.@BUSHING	2	
1- 7	AN960-616	.@WASHER	2	
1- 7	MS21042L6	.@NUT	2	
1- 8	NAS1304-32	.@BOLT	2	
1- 8	AN960-416	.@WASHER	4	
1- 8	MS21042L4	.@NUT	2	
1- 9	NAS1305-18	.@BOLT	2	
1- 9	AN960-516	.@WASHER	4	
1- 9	MS21042L5	.@NUT	2	
1- 10	600265-501	FIREWALL (SEE 53-20-00)		REF
1- 11	600422-505	NOSE GEAR BOX (SEE 53-10-00)		REF
1- 12	540008-505	NOSE GEAR (SEE 32-20-00)		REF

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

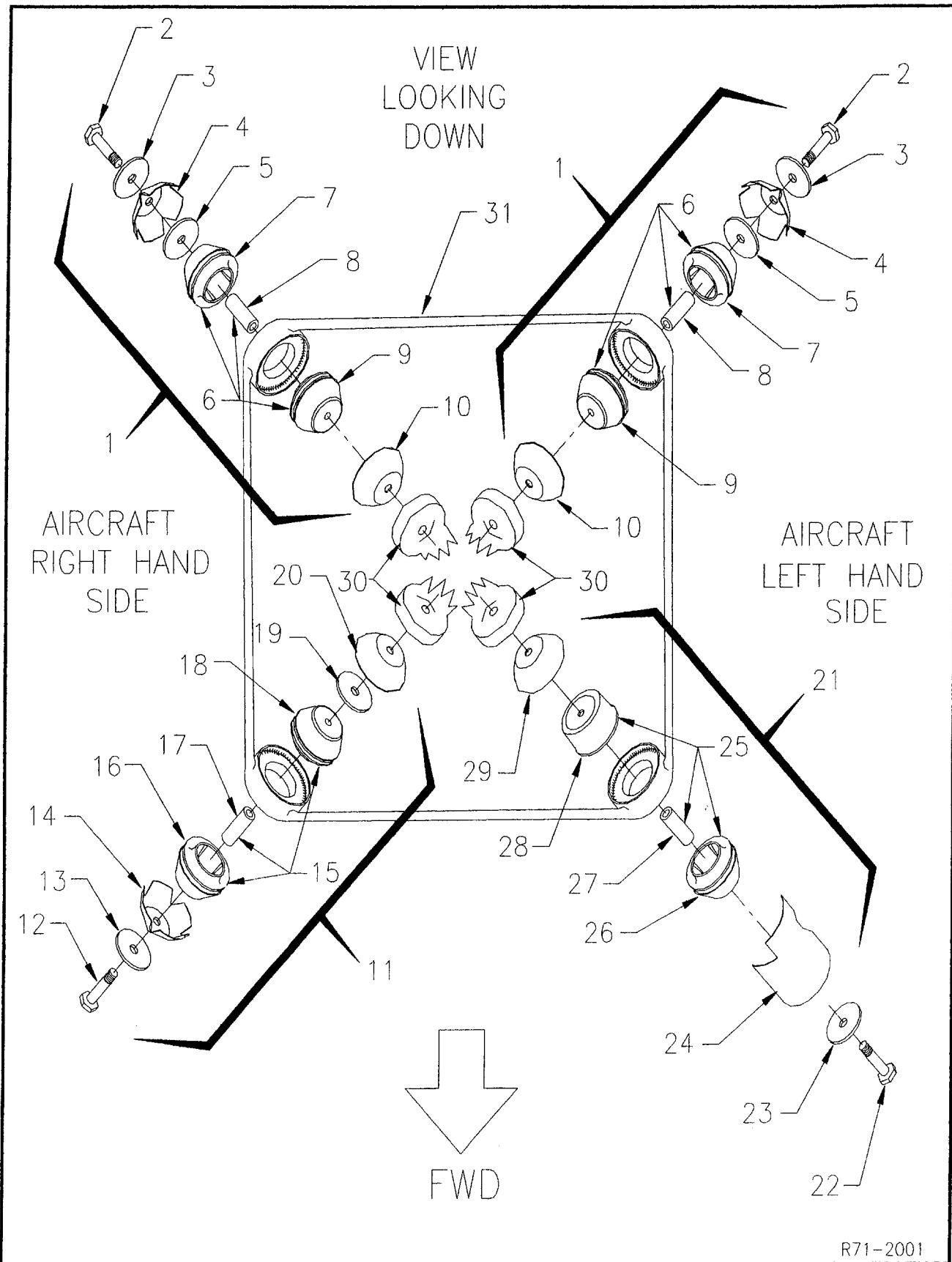


FIGURE 1 - ENGINE & MOUNT ISOLATOR INSTALLATION

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
71-20-01				
2- -	590052	ISOLATOR, ENGINE & MOUNT, INSTALLATION (SEE 71-20-00)		REF
2- 1	590052-501	.ISOLATOR ASSEMBLY		2
2- 2	NAS1307-50	..BOLT		1
2- 3	600364-007	..WASHER		1
2- 4	600429-503	..HEAT SHIELD		1
2- 5	600364-005	..WASHER		1
2- 6	J9613-76	..MOUNTING KIT (LORD MFG)		1
2- 7	J9612-44	...MOUNT (LORD MFG)		1
2- 8	Y16440-2-497	...SPACER (LORD MFG)		1
2- 9	J9612-43	...MOUNT (LORD MFG)		1
2- 10	600394-007	..HEAT SHIELD		1
2- 11	590052-503	.ISOLATOR ASSEMBLY		1
2- 12	NAS1307-50	..BOLT		1
2- 13	600364-005	..WASHER		1
2- 14	600429-503	..HEAT SHIELD		1
2- 15	J9613-76	..MOUNTING KIT (LORD MFG)		1
2- 16	J9612-43	...MOUNT (LORD MFG)		1
2- 17	Y16440-2-497	...SPACER (LORD MFG)		1
2- 18	J9612-44	...MOUNT (LORD MFG)		1
2- 19	600364-007	..WASHER		1
2- 20	600394-007	..HEAT SHIELD		1
2- 21	590052-505	.ISOLATOR ASSEMBLY		1
2- 22	NAS1307-50	..BOLT		1
2- 23	600364-007	..WASHER		1
2- 24	600429-503	..HEAT SHIELD		1
2- 25	J9613-75	..MOUNTING KIT (LORD MFG)		1
2- 26	J9612-43	...MOUNT (LORD MFG)		1
2- 27	J10931-2	...SPACER (LORD MFG)		1
2- 28	J9612-42	...MOUNT (LORD MFG)		1
2- 29	600394-007	..HEAT SHIELD		1
2- 30	IO-550-G(5)	ENGINE (TCM) (SEE 71-00-00)		REF
2- 31	590050	ENGINE MOUNT (SEE 71-20-00)		REF

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M20R & M20S - ILLUSTRATED PARTS CATALOG**

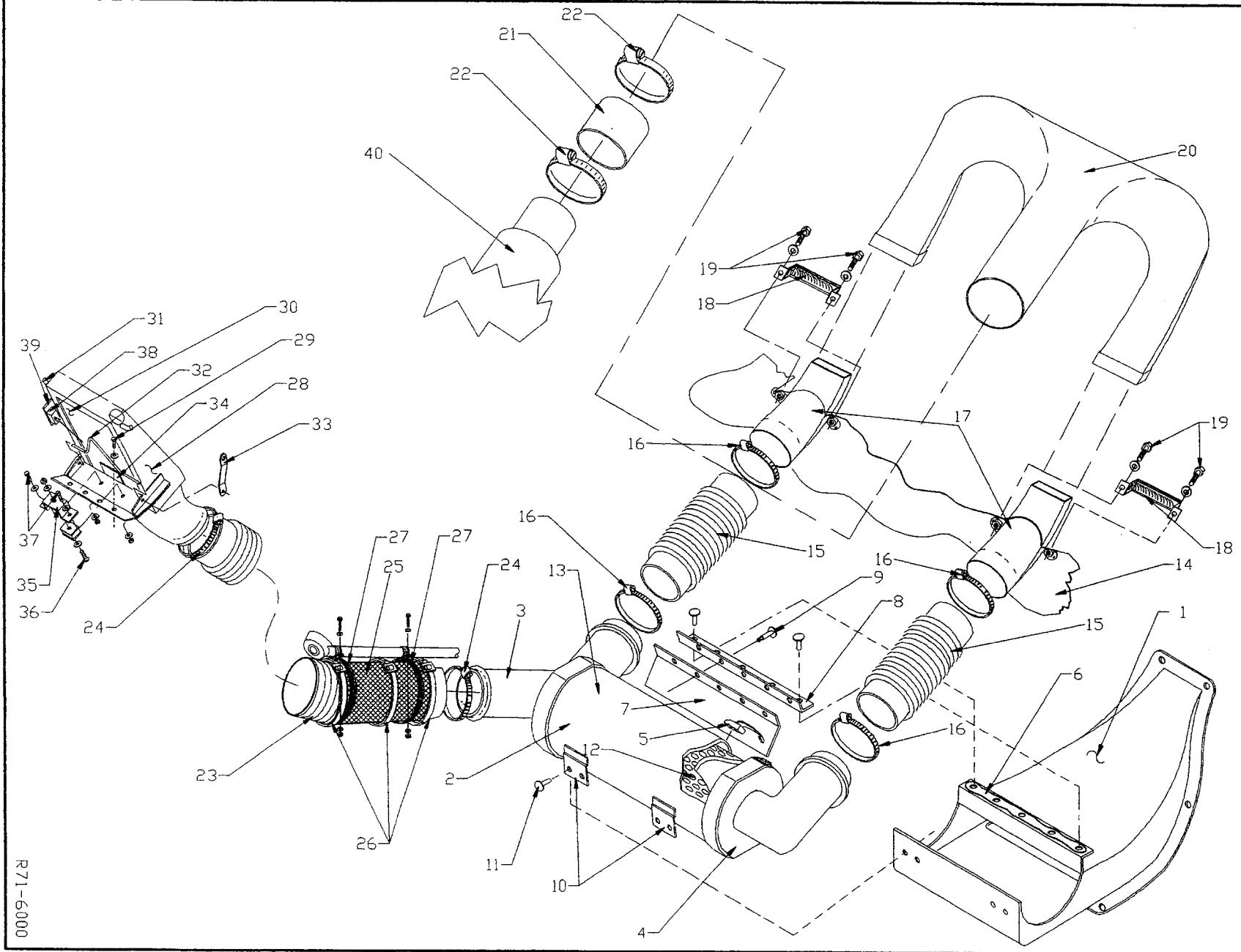


FIGURE 1 - INDUCTION AIR AND ALTERNATE AIR SYSTEM

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
71-60-00				
1- -	600272-501	INDUCTION & ALTERNATE AIR SYSTEM (SEE 00-00-00)		REF
1- -	670035-501	.HOUSING ASSEMBLY, INDUCTION AIR		1
1- 1	650151-509	..INLET ASSEMBLY, AIR INDUCTION		1
1- 1	212-12	..RECEPTACLE		7
1- 2	670035-503	..CAN ASSEMBLY, FILTER, AIR		1
1- 3	670035-505	...END ASSEMBLY, FILTER CAN, LH		1
1- 4	670035-507	...END ASSEMBLY, FILTER CAN, RH		1
1- 5	95-30-161-12	...LATCH ASSEMBLY (SOUTHCO, INC)		3
1- 6	PR-812	...SEALANT (COURTAULDS, INC)	/1	AR
1- 7	670036-025	...SHIELD		1
1- 8	670036-011	...ANGLE		1
1- 9	1691-0410	...@RIVET, BLIND (AVEX)		5
1- 9	AN960-4	...@WASHER		5
1- 10	670036-023	...CLIP		2
1- 11	MS20470A4-9	..@RIVET (ASSEMBLY OF INLET ASSEMBLY. & FILTER CAN)		9
1- 12	600417-503	...FILTER ASSEMBLY, INDUCTION AIR		1
1- 13	150080-4097	..PLACARD		1
1- 14	600271	BAFFLE (SEE 71-00-02)		REF
1- 15	640001-041	.DUCT, LH/RH, FLEX		2
1- 16	QS100-M44S	.@CLAMP		2
1- 17	600276-003	.DUCT LH/RH, FIBERGLASS		2
1- 18	600281-023	.BRACKET ASSEMBLY		2
1- 18	600281-005	..PAD		1
1- 19	MS35207-263	.@SCREW		2
1- 19	AN960-10L	.@WASHER		2
1- 20	600276-001	DUCT ASSEMBLY, INDUCTION AIR. "Y"		1
1- 21	FLX770124001200	.SLEEVE (DUCT TO THROTTLE BODY) (FLEXFAB)		1
1- 22	QS100-M44S	.@CLAMP		2
1- 23	640001-039	.DUCT, ALTERNATE AIR	/2	1
1- 24	QS100-M44S	.@CLAMP		2
1- 25	1081	.ALUMINIZED CLOTH		3
1- 25	RTV-108	.@SEALANT		AR
1- 26	#2802	.@WRAPLOCK		3
1- 27	MS21919WDG12			AR
		..@CLAMP		2
1- 27	MS21919DG50	..@CLAMP		2
1- 27	AN3-5A	..@BOLT		2
1- 27	AN960-10L	..@WASHER		4
1- 27	MS21042-3	..@NUT		2
1- -	600382-503	ALTERNATE AIR INDUCTION SYSTEM (SEE 71-00-00)		REF
1- 28	600382-305	.BOX ASSEMBLY, ALTERNATE AIR		1
1- 29	AN3-6A	..@BOLT		4
1- 29	AN960-10L	..@WASHER		4
1- 30	600382-017	..DOOR		1
1- 31	600382-023	..HINGE HALF		1
1- 31	NAS40-3-LL-4.0	..HINGE HALF		1
1- 31	MS20253-P2-515	..PIN, HINGE		1
1- 32	600382-013	..ROD, DOOR OPENING		1
1- 32	MS16633-1018	..@RING, RETAINING		1

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 32	600382-301	.LEVER ASSEMBLY		1
1- 33	600382-015	.LEVER ARM		1
1- 33	600382-013	.LEVER ROD		1
1- 34	600382-019	.PLATE, COUNTER		1
1- 35	600168-501	.LATCH ASSEMBLY		1
1- 35	V713	.MAGNECATCH (NATIONAL MFG. CO)		1
1- 35	600168-001	.BUSHING		1
1- 36	MS51958-65	.@SCREW		1
1- 36	AN960-10L	.@WASHER		1
1- 36	AN960-10	.@WASHER		1
1- 36	AN363-1032	.@NUT		1
1- 37	MS35206-228	.@SCREW		2
1- 37	AN960-06	.@WASHER		1
1- 37	MS35335-30	.@WASHER		2
1- 37	NAS1031-A06	.@NUT PLATE		2
1- 38	E51-50B	.SWITCH, CHERRY		1
1- 38	MS35206-219	.@SCREW		2
1- 38	AN960-4L	.@WASHER		2
1- 38	MS21042-04	.@NUT		2
1- 39	600382-021	.MOUNT		1
1- 40	IO-550-G(5)	ENGINE, INDUCTION (TCM)		REF

NOTES:

1. APPLY CONTINUOUS BEAD OF SEALANT APPROXIMATELY .06 IN. HIGH TO ALL SEALING FLANGES OF 650151-509 INLET ASSEMBLY PRIOR TO ASSEMBLY OF 670035-503 FILTER CAN ASSEMBLY.
2. APPLY THIN COAT OF PR-812 SEALANT ON BOTH ENDS PRIOR TO CLAMPING.
3. WRAP 640001-39 DUCT WITH ONE LAYER ALUMINIZED CLOTH. LAMINATE TO DUCT WITH THIN LAYER OF RTV-108 BETWEEN SURFACES. CLAMP WITH WRAP LOCK #2802 AT EACH END AND AT CENTER OF WRAP.

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
FIG-ITEM				

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MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

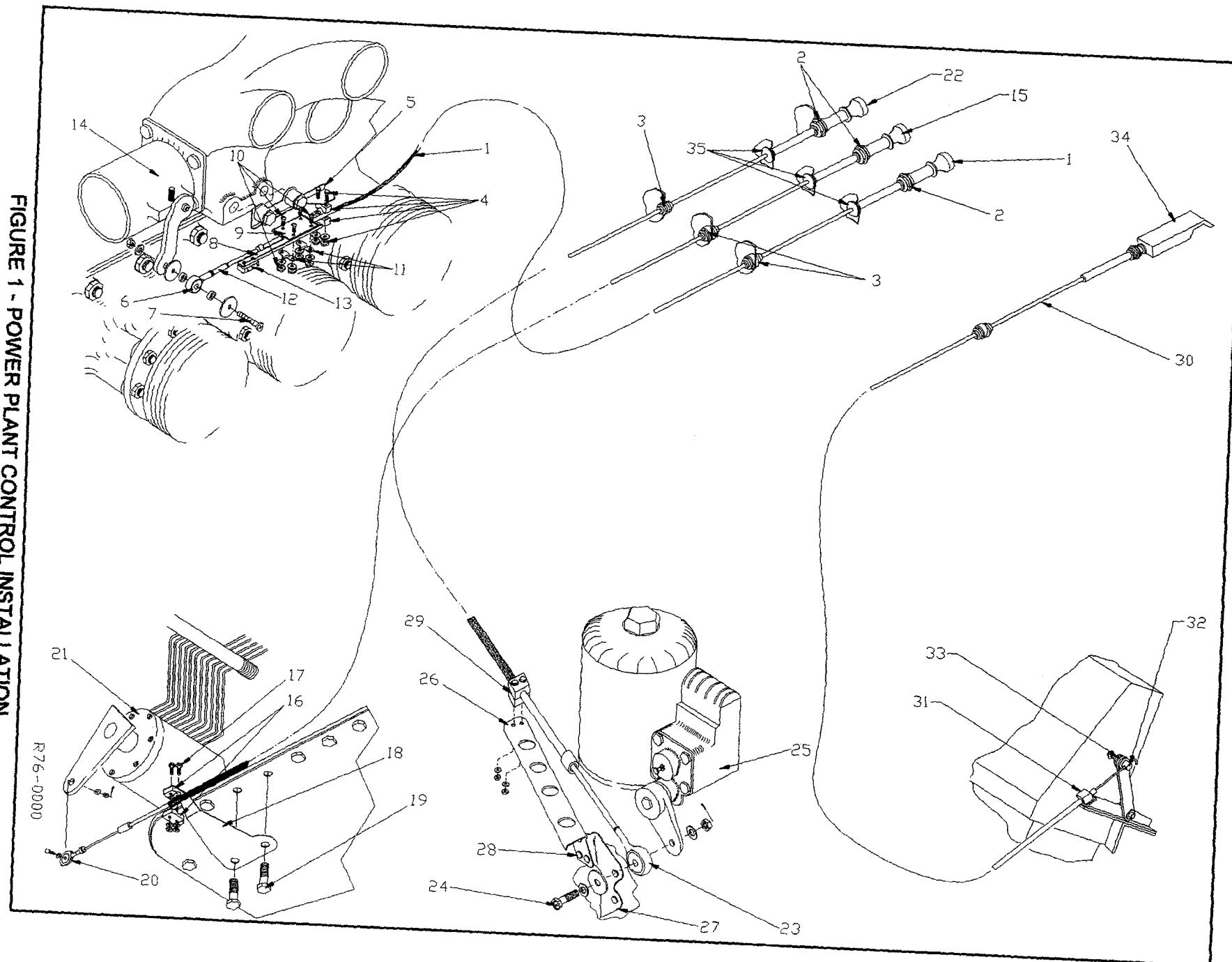


FIGURE 1 - POWER PLANT CONTROL INSTALLATION

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MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
76-00-00				
1- -	660229-501	ENGINE CONTROL INSTALLATION (SEE 71-00-00)		REF
1- 1	660226-027	.CONTROL, THROTTLE (FRICTION) (CABLECRAFT)		1
1- 2	AN316-12R	.@NUT (TYPICAL ALL CONTROLS)		1
1- 2	AN936-A1216	.@WASHER (TYPICAL ALL CONTROLS)		1
1- 3	660047-003	.SPACER (TYPICAL ALL CONTROLS)		1
1- 3	7/16-20	.BULKHEAD FITTING (TYPICAL ALL CONTROLS)		1
1- 3	AN936-A716	.LOCK WASHER (TYPICAL ALL CONTROLS)		1
1- 3	AN316-7R	.NUT (TYPICAL ALL CONTROLS)		2
1- 4	660017-003	.CLAMP		1
1- 4	660017-005	.CLAMP		1
1- 4	AN3-10A	.@BOLT		2
1- 4	AN960-10	.@WASHER		2
1- 4	MS21045-L3	.@NUT		2
1- 5	660240-001	.BRACKET, THROTTLE (USE EXISTING ENGINE HARDWARE)		1
1- 6	HF-3M	.BEARING, ROD END (HEIM)		1
1- 7	AN3-11	.@BOLT		1
1- 7	913025-000	.@WASHER		2
1- 7	550017-005	.@SPACER		2
1- 7	AN960-10	.@WASHER		2
1- 7	AN310-3	.@NUT		1
1- 7	AN380-2-2	.@PIN, COTTER		1
1- 8	660171-001	.BRACKET, THROTTLE SWITCH		1
1- 9	660171-007	.PLATE		1
1- 10	MS35208-244	.@SCREW		4
1- 10	AN935-8	.@WASHER		4
1- 10	MS21045-08	.@NUT		4
1- 11	MS21315-5	.STRAP		2
1- 12	660171-503	.STRIKER ASSEMBLY		1
1- 13	1SE1-T	.SWITCH, LANDING. GEAR WARNING (MICRO)		1
1- 13	JE-17	.ACTUATOR		1
1- 14	IO-550-G(5)	ENGINE, THROTTLE BODY		REF
1- 15	660226-023	.CONTROL, RPM (VERNIER) (CABLECRAFT)		1
1- 16	660017-003	.@CLAMP		1
1- 16	660017-005	.@CLAMP		1
1- 17	AN3-10A	.@BOLT		2
1- 17	AN960-10	.@WASHER		2
1- 17	MS21045-L3	.@NUT		2
1- 18	660232-001	.BRACKET		1
1- 19	IO-550-G(5)	ENGINE SUMP HARDWARE		REF
1- 20	HF-3M	.BEARING, ROD END (HEIM)		1
1- 20	AN315-3	.NUT		1
1- 20	AN3-11	.@BOLT		1
1- 20	913025-000	.@WASHER		1
1- 20	AN960-10	.@WASHER		2
1- 20	AN310-3	.@NUT		1
1- 20	AN380-2-2	.@PIN, COTTER		1
1- 21	660115-511	.GOVERNOR, PROPELLER (3 BLADE) (SEE 71-00-00)		I/ 1
1- 21	660115-523	.GOVERNOR, PROPELLER (2 BLADE) (SEE 71-00-00)		II/ 1
1- 22	660228-005	.CONTROL, MIXTURE (VERNIER) (CABLECRAFT)		1
1- 23	HF-3M	.BEARING, ROD END (HEIM)		1
1- 23	AN315-3	.NUT		1
1- 24	AN3-7	.@BOLT		1

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MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 24	913025	.@WASHER		1
1- 24	AN960-10	.@WASHER		2
1- 24	AN310-3	.@NUT		1
1- 24	AN380-2-2	.@PIN, COTTER		1
1- 25	IO-550-G(5)	ENGINE, FUEL CONTROL	REF	
1- 26	660241-011	.BRACKET, MIXTURE		1
1- 27	660241-001	.SUPPORT ASSEMBLY,		1
1- 27	MS21086-3	.NUTPLATE		3
1- 27	IO-550-G(5)	ENGINE HARDWARE	REF	
1- 28	AN3-4A	.@BOLT		3
1- 29	660017-003	.@CLAMP		1
1- 29	660017-005	.@CLALMP		1
1- 29	AN3-10A	.@BOLT		1
1- 29	AN3-15A	.@BOLT (THRU SPACER/CLAMPS)		1
1- 29	AN960-10	.@WASHER		2
1- 29	MS21045L3	.@NUT		2
1- 30	640257-023	.CONTROL, PUSH-PULL, ALT AIR		1
1- 31	AN742-3	.@CLAMP		1
1- 31	AN3-6A	.@BOLT		1
1- 31	AN960-10	.@WASHER		2
1- 31	MS21045L3	.@NUT		1
1- 32	D227-1	.STOP, CABLE		1
1- 33	AN960-416	.WASHER		1
1- 33	AN340-8	.NUT, CHECK		1
1- 33	AN515-8R7	.SCREW		1
1- 34	917033-013	.PULL		1
1- 34	AN315-3R	.NUT		1
1- 34	AN316-6R	.NUT		1
1- 35	MS35489-13	.GROMMET		3

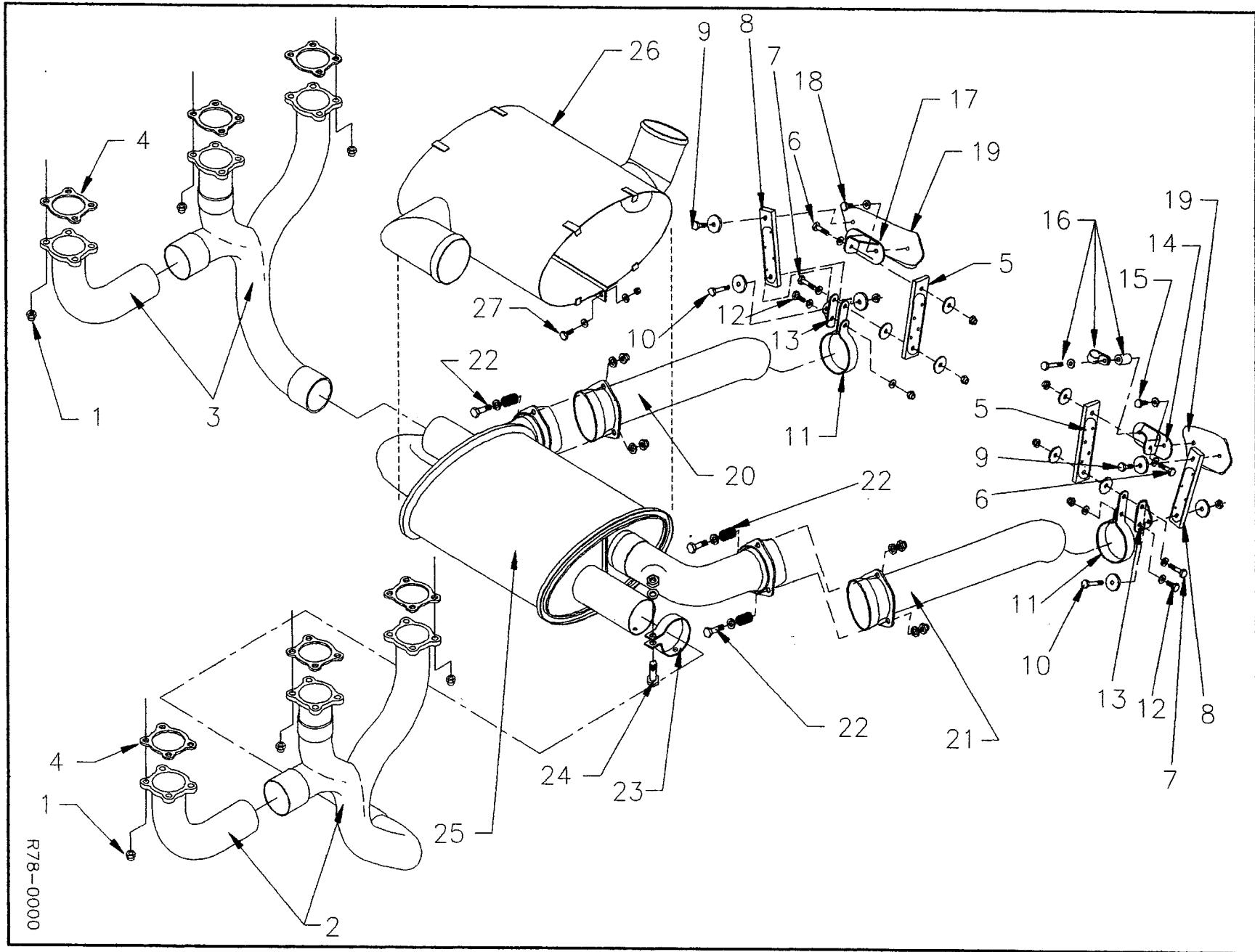
MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY

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M20R & M20S - ILLUSTRATED PARTS CATALOG

FIGURE 1 - EXHAUST SYSTEM INSTALLATION



MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
78-00-00				
1- -	630109-501	EXHAUST SYSTEM, ENGINE (SEE 00-00-00)		REF
1- 1	643967	NUT, EXHAUST FLANGE STUDS (SUPPLIED WITH IO-550-G(TCM)ENGINE)		REF
1- 2	630082-501	.EXHAUST HEADER ASSEMBLY, LH		1
1- 3	630082-502	.EXHAUST HEADER ASSEMBLY, RH		1
1- 4	649427	GASKET, EXHAUST FLANGE (SUPPLIED WITH IO-550-G (TCM) ENGINE)		REF
1- 5	630120-503	.HANGER ASSEMBLY, LH/RH		2
1- 6	AN3-6A	.@BOLT, UPPER		1
1- 6	AN960-10L	.@WASHER, UPPER		2
1- 6	AN970-3	.@WASHER, UPPER		1
1- 6	MS21045-3	.@NUT, UPPER		1
1- 7	AN3-7A	.@BOLT, LOWER		1
1- 7	AN960-10L	.@WASHER, LOWER		1
1- 7	AN970-3	.@WASHER, LOWER		2
1- 7	MS21045-3	.@NUT, LOWER		1
1- 8	630120-505	.HANGER ASSEMBLY, LH/RH		2
1- 9	AN3-5A	.@BOLT, UPPER		1
1- 9	AN970-3	.@WASHER, UPPER		1
1- 10	AN3-6A	.@BOLT, LOWER		2
1- 10	AN970-3	.@WASHER, LOWER		2
1- 10	MS21045-3	.@NUT, LOWER		2
1- 11	630097-001	.CLAMP, LH/RH		2
1- 12	AN3-C5A	.@BOLT		1
1- 12	AN960-C10	.@WASHER		2
1- 12	MS21046-C3	.@NUT		1
1- 13	630120-013	.CLIP		2
1- 14	630097-501	.SUPPORT, LH		1
1- 15	AN3-4A	.@BOLT		1
1- 15	AN960-10	.@WASHER		1
1- 16	AN3-12A	@BOLT, VENT TUBE		REF
1- 16	AN960-10	@WASHER, VENT TUBE		REF
1- 16	AN742-11	@CLAMP, VENT TUBE		REF
1- 16	914044-011	@SPACER, VENT TUBE		REF
1- 17	630097-502	.SUPPORT, RH		1
1- 18	AN3-4A	.@BOLT		2
1- 18	AN960-10	.@WASHER		2
1- 19	600265-501	FIREWALL		REF
1- 20	630111-503	.TAILPIPE, RH		1
1- 20	630108-503	..BELL MOUTH ASSEMBLY		1
1- 20	CS002-3	..FLANGE		1
1- 21	630111-501	.TAILPIPE, LH		1
1- 21	630108-503	..BELL MOUTH ASSEMBLY		1
1- 21	CS200-3	..FLANGE		1
1- 22	AN3C13	.@BOLT		3
1- 22	AN310C3	.@NUT		3
1- 22	AN960C10	.@WASHER		6
1- 22	MS24665-155	.@COTTER PIN		3
1- 22	630072	.@SPRING		3
1- 23	630097-507	.CLAMP ASSEMBLY, LH, MUFFLER/HEADER		1
1- 24	AN3-C4A	.@BOLT		1
1- 24	AN960C10	.@WASHER		1
1- 24	MS21046-C3	.@NUT		1
1- 25	630112-501	.MUFFLER-PIPE ASSEMBLY		1

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MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
1- 25	630105-501	..MUFFLER ASSEMBLY		1
1- 25	630108-501	..BALL END ASSEMBLY		2
1- 25	CS002-3	..FLANGE		1
1- 25	CS002-9	..SPACER		1
1- 26	630088-027	.SHROUD ASSEMBLY (SEE 21-40-00)		1
1- 26	630057-021	..CLIPS		8
1- 27	AN3-4A	@BOLT		10
1- 27	AN960-10	@WASHER		20
1- 27	MS21042-3	@NUT		10
1- -	C5-A	.LUBRICANT, HI-TEMP, ANTI-SEIZE (MIL-A-907)	/1	AR
1- -	940095-501	EXHAUST SYSTEM RETROFIT		REF

NOTES:

1. USE MIL-A-907 TYPE HI-TEMP ANTI-SEIZE LUBRICANT ON ALL SLIP JOINTS OF HEADERS, MUFFLER AND TAILPIPES.

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION	PART NUMBER	12345 NOMENCLATURE	EFFECT/	UNITS/
FIG-ITEM			NOTES	ASSY

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MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
95-00-00				
1 -	950257	OPTIONAL EQUIPMENT INSTALLATION (SEE 00-00-00)		REF
1 -	140295	ARM REST INSTALLATION (SEE. 25-10-01)		REF
1 -	210099	ACCESS PANEL, EXTERIOR FUEL GAUGE (SEE 57-30-01)		REF
1 -	880011	FUEL TANK (FUEL GAUGE) (SEE 28-10-00)		REF
1 -	210413	RECOGNITION LIGHT INSTALLATION (SEE 33-40-02)		REF
1 -	720115	RUDDER & BRAKE PEDAL EXTENSION INSTALLATION (SEE 27-20-01)		REF
1 -	800166	AUXILIARY POWER RECEPTACLE & CABLE (SEE 24-40-00)		REF
1 -	950270	DUAL BRAKE INSTALLATION (SEE 32-40-03)		REF
1 -	130328	FIRE EXTINGUISHER INSTALLATION (SEE 26-20-00)		REF
1 -	950272	BEACON INSTALLATION, FLASHING (SEE 33-40-03)		REF
1 -	950252	BEACON INSTALLATION, ROTATING (SEE 33-40-04)		REF
1 -	950253	STATIC DISCHARGE INSTALLATION (SEE 23-60-00)		REF
1 -	950256	STEP ASSEMBLY & INSTALLATION (SEE 53-60-00)		REF
1 -	870029	OXYGEN SYSTEM INSTALLATION (SEE 35-00-00)		REF
1 -	690003	PROPELLER DE-ICE INSTALLATION (SEE 30-60-00)		REF
1 -	950271	DESCENT RATE CONTROL INSTALLATION, ELECTRIC (SEE 27-60-00)		REF
1 -	950209	TANNIS HEATER (SEE 95-40-00)		REF
1 -	140323	HEADREST INSTALLATION (SEE 25-00-03)		REF
1 -	810429	RADIO BLOWER INSTALLATION. (SEE 39-40-00)		REF
1 -	940039	RADIO BLOWER INSTALLATION., RETROFIT (SEE 39-40-00)		REF
1 -	800156	ADAPTER, 14/28 VOLT (SEE 39-40-01)		REF
1 -	010037	FLY AWAY KIT, M20R & M20S (SEE 95-100-00)		REF

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
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MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

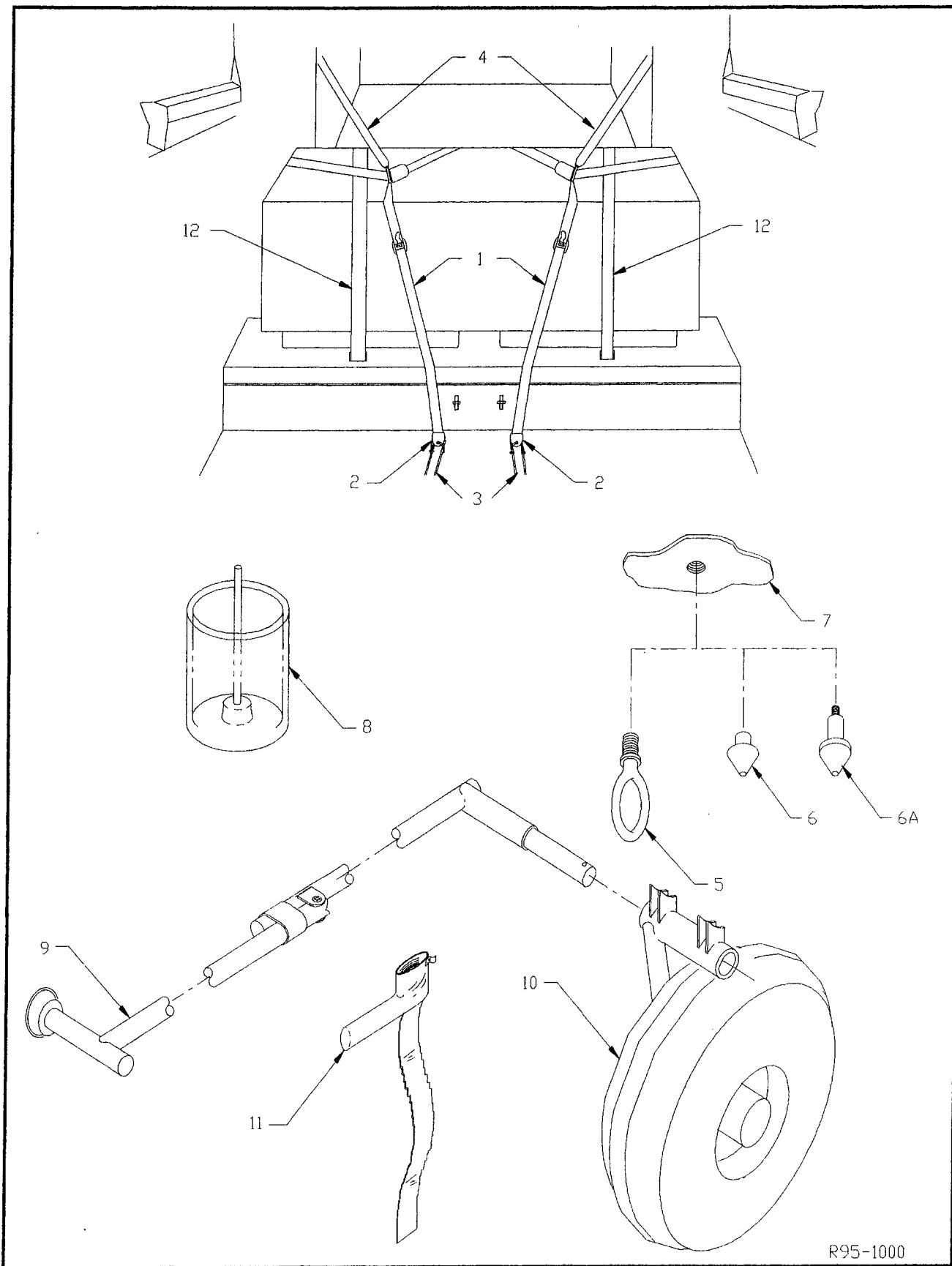


FIGURE 1 - FLY-AWAY KIT

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
95-10-00				
1- -	010037-501	FLYAWAY KIT (SEE 00-00-00)		REF
1- 1	140233-503	.BAGGAGE TIE DOWN HARNESS (DAVIS)		2
1- 2	010027-501	.TIE DOWN		2
1- 2	AN383-27	.@PIN, FLAT HEAD		2
1- 2	AN380-2-2	.@PIN, COTTER		2
1- 3	340156	SEAT RAIL (SEE 53-20-01)		REF
1- 4	140214	SHOULDER HARNESS (SEE 25-00-00)		REF
1- 5	010002-000	.EYE BOLT, WING TIE DOWN		2
1- 6	010000-000	.JACK POINT,MAIN		2
1- 6A	010038-001	.JACK POINT, EXTENSION, NOSE LANDING GEAR		1
1- 7	220000	WING ASSEMBLY(WS 74.00) (SEE 57-10-00)		REF
1- 8	610010-000	.CUP, FUEL SAMPLER		1
1- 9	010034-509	.TOW BAR, FOLDING		1
1- 10	540000	NOSE GEAR ASSEMBLY (SEE 32-20-00)		REF
1- 11	030025-001	.PITOT COVER		1
1- -	SE-1	.LOG BOOK, ENGINE (NAPD)(NI)		1
1- -	SA-1	.LOG BOOK, AIRFRAME (NAPD)(NI)		1
1- -	FORM X30565	.MAINTENANCE & OPERATOR'S MANUAL, ENGINE (TCM)(NI)		1
1- -	3600	.PILOT'S OPERATING HANDBOOK & AIRPLANE FLIGHT MANUAL (NI) / (POH/AFM)		1
1- -	600283-003	DOOR, WINTERIZATION KIT (SEE 71-00-03)(NI)		REF

EFFECTIVITIES:

| 29-0001 THRU 27-TBA

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

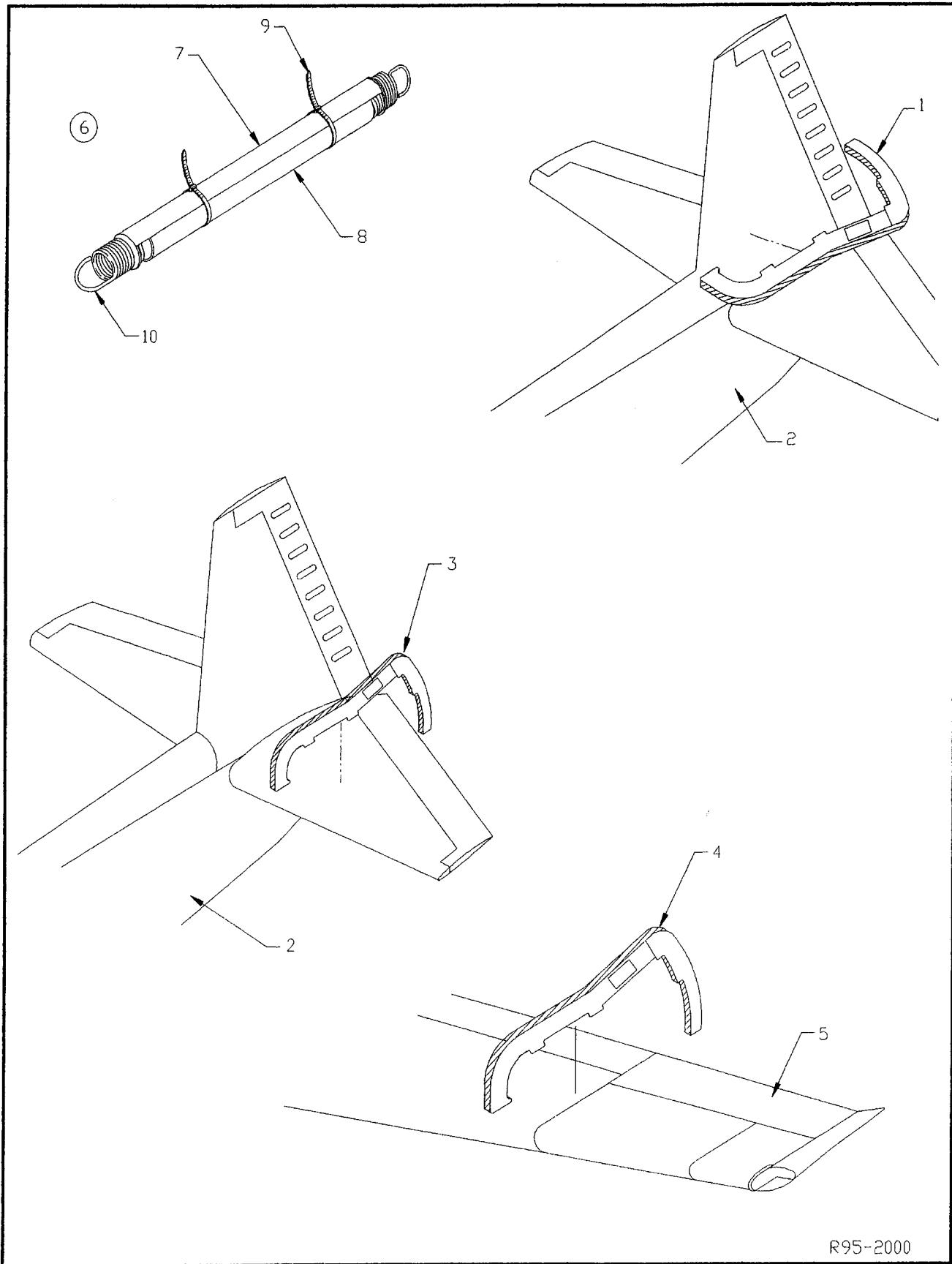


FIGURE 1 - TRAVEL BOARDS-SPRING EXTENDER, RUDDER TRIM

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
95-20-00				
1- 1	030005-100	TRAVEL BOARD ASSEMBLY-RUDDER		1
1- 1	030005-004	.PLACARD (NI)		1
1- 2	480005	EMPPENNAGE ASSEMBLY (SEE 55-00-00)		REF
1- 3	030004-503	TRAVEL BOARD-ELEVATOR		1
1- 3	030004-009	.PLACARD (NI)		1
1- 4	030003-200	TRAVEL BOARD-AILERON/FLAP		1
1- 4	030003-010	.PLACARD (NI)		1
1- 5	220000	WING ASSEMBLY (SEE 57-10-01)		REF
1- 6	030035-000	EXTENDER, SPRING-RUDDER TRIM		1
1- 7	030035-501	.SPACER		1
1- 8	030035-005	.SPACER		1
1- 9	MS3367-1-9	.STRAP		2
1- 10	740171	SPRING, TRIM SYSTEM (SEE 27-40-03)		REF

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

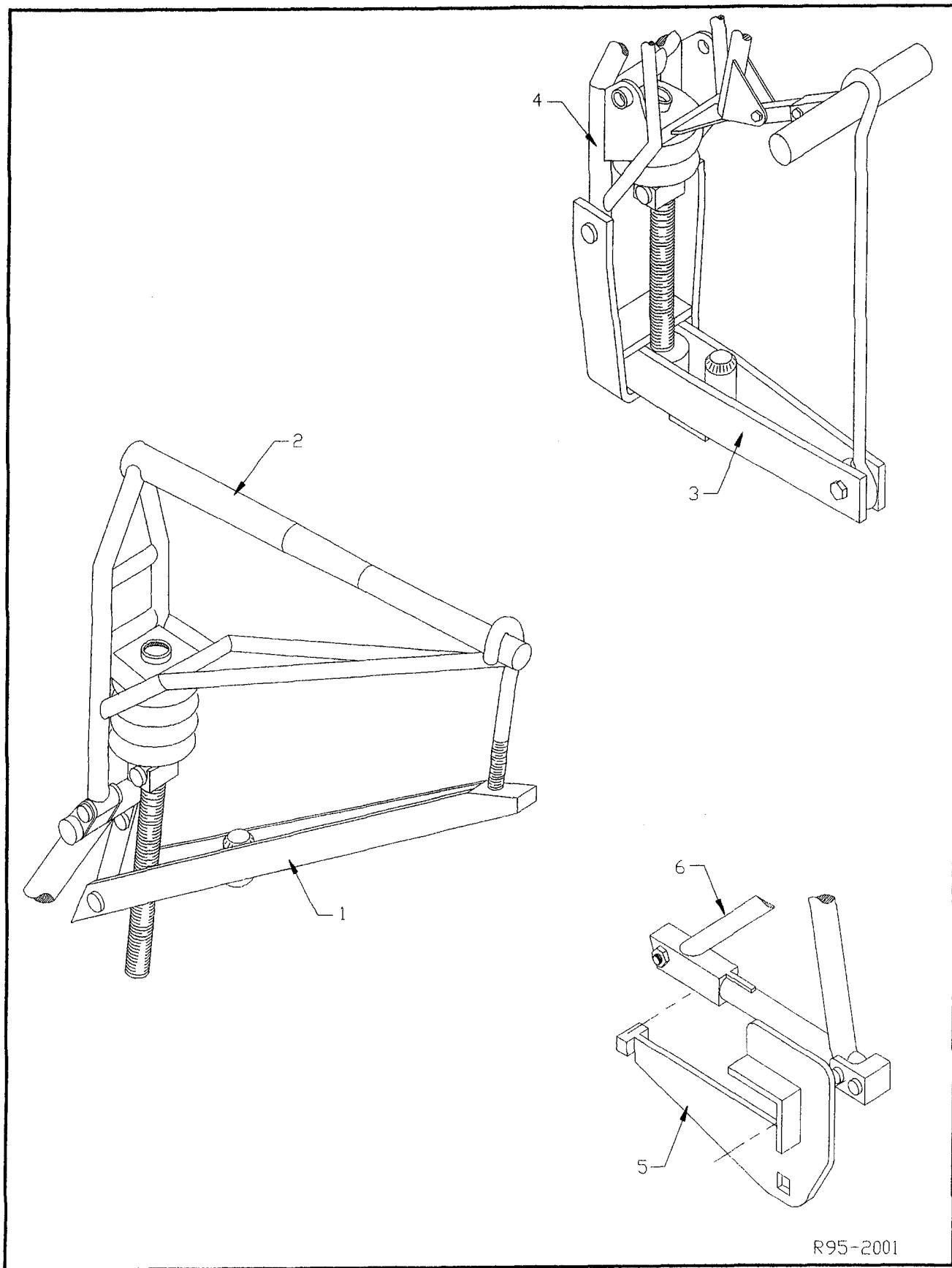
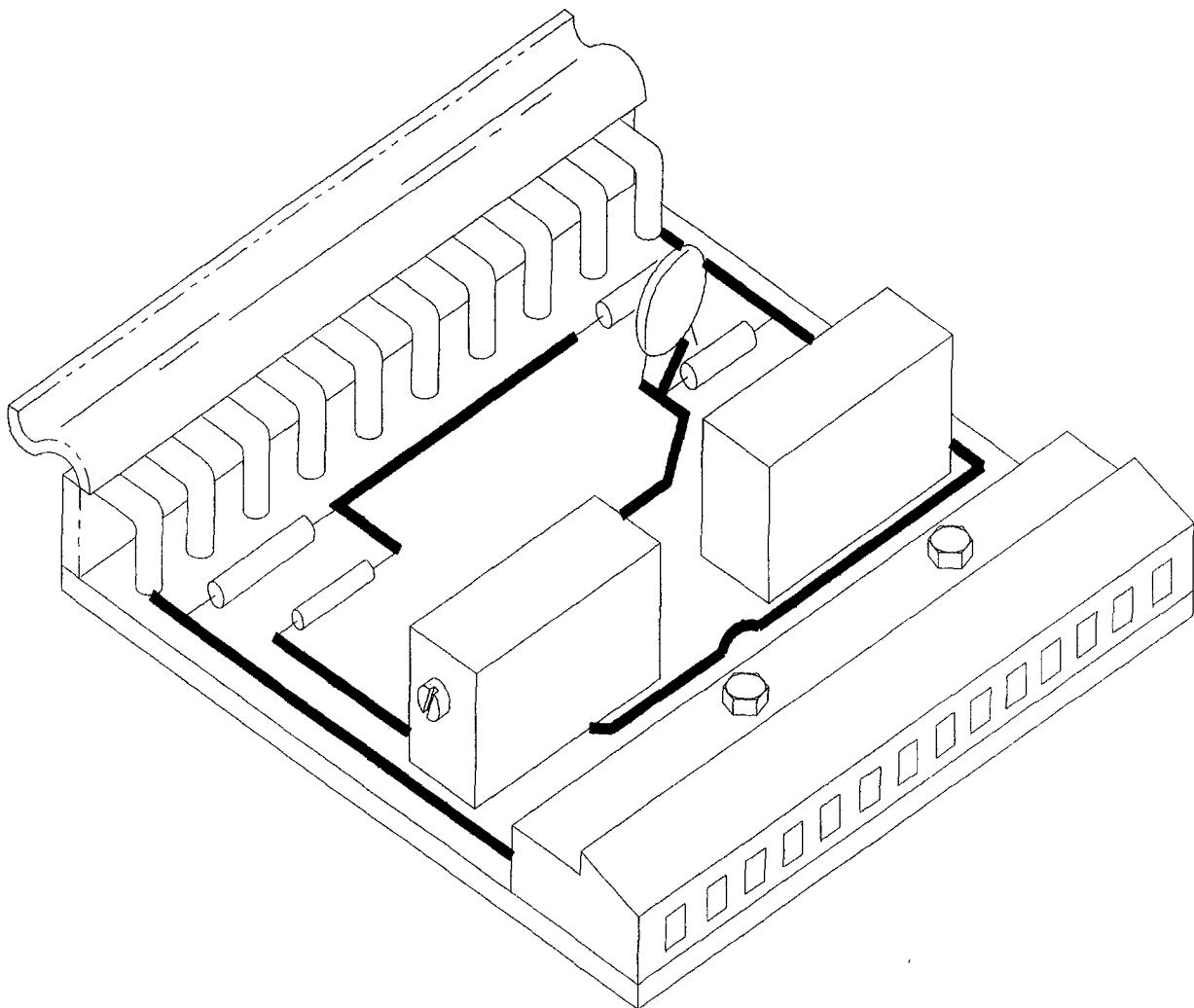


FIGURE 2 - MAINTENANCE AND RIGGING TOOLS-LANDING GEAR SYSTEM

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
95-20-01				
2- 1	030011-100	.SHOCK DISK TOOL (MAIN GEAR)		1
2- 2	520023	GEAR LEG, RH MAIN (SEE 32-10-00)		REF
2- 3	030010-100	.SHOCK DISK TOOL (NOSE GEAR)		1
2- 4	540004-509	LEG, NOSE LANDING GEAR (SEE 32-20-00)		REF
2- 5	030007-100	.RIGGING TOOL (MAIN GEAR)		1
2- 6	520024	TRUSS ASSEMBLY,MAIN LANDING GEAR (SEE 32-10-00)		REF

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG



R95-3000

FIGURE 1 - ANNUNCIATOR, LOW FUEL CALIBRATION UNIT

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MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
95-30-00 1- 1	950D0324-000	CALIBRATION UNIT, LOW FUEL (IAI)		1

95-30-00 Page 1
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MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

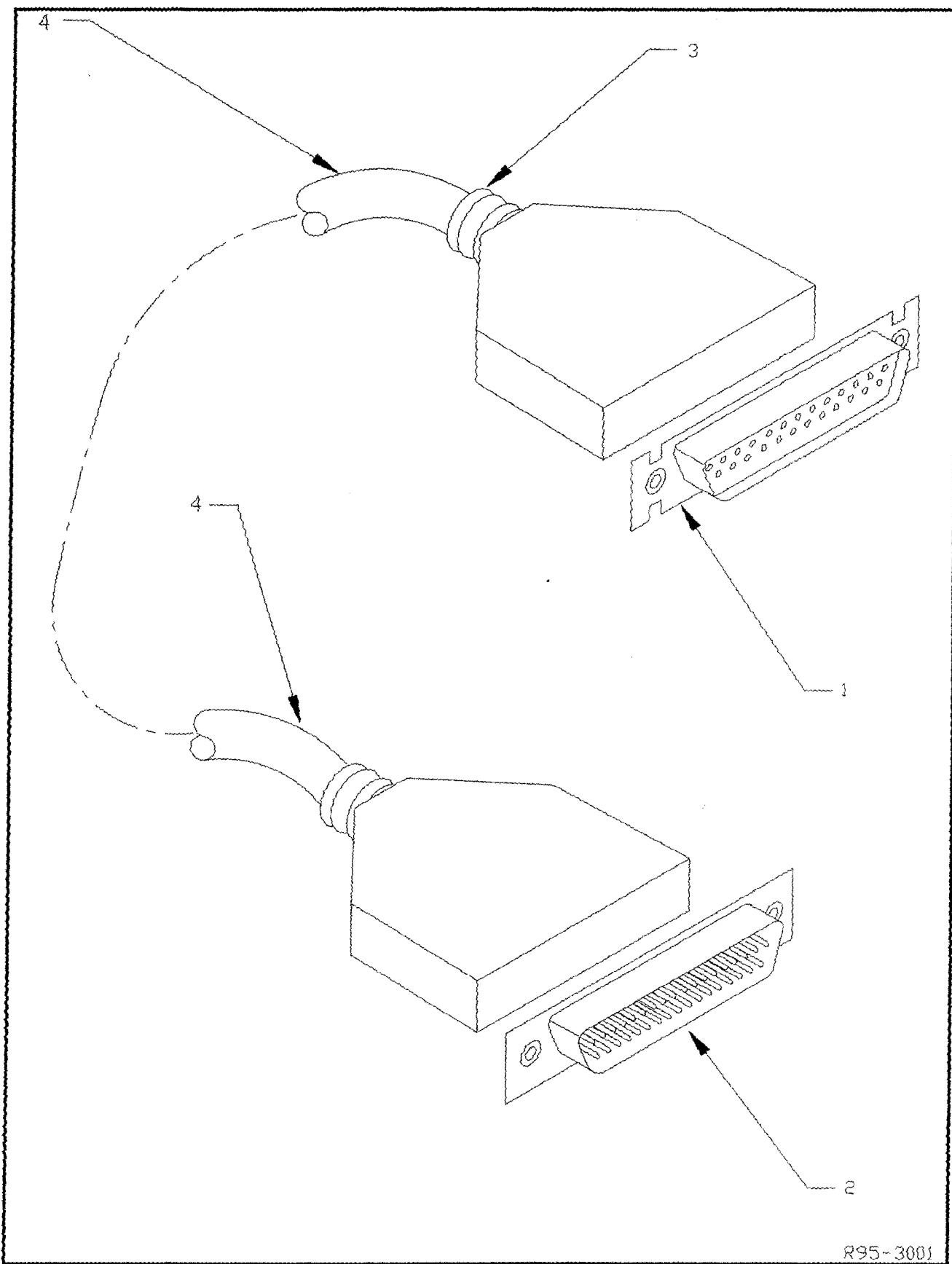


FIGURE 2 - HARNESS, CALIBRATION TEST-FUEL QUANTITY & FLAP/TRIM

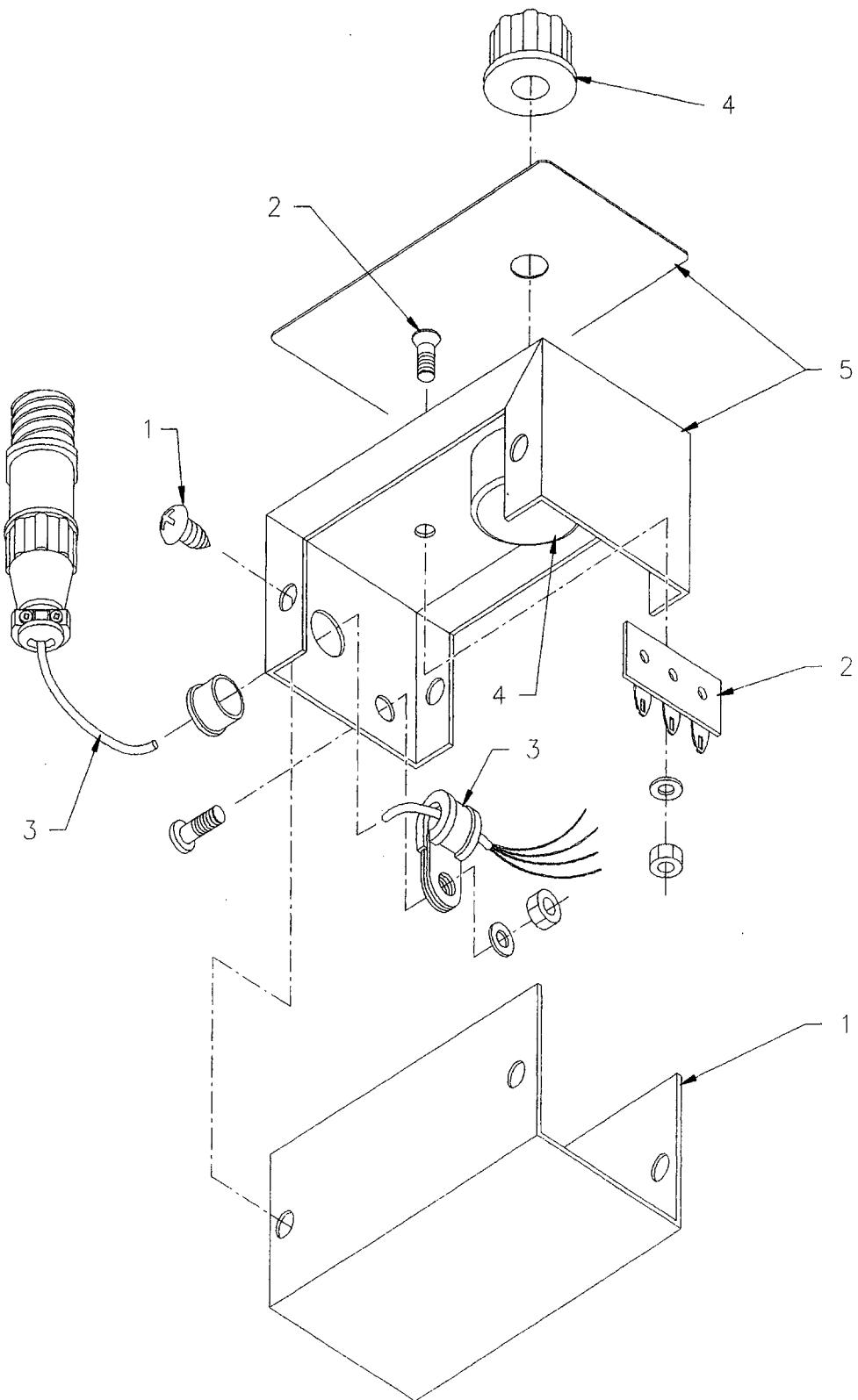
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MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
95-30-01				
2- -	GSE 030031-501	HARNESS, TEST/CALIBRATION, FUEL QTY (25 PIN)		1
2- -	GSE 030031-503	HARNESS, TEST/CALIBRATION, FLAP/TRIM (15 PIN)		1
2- 1	DB25S	.PLUG (-501)		1
2- 1	DA15S	.PLUG (-503)		1
2- 2	DB25P	.RECEPTACLE (-501)		1
2- 2	DA15P	.RECEPTACLE (-503)		1
2- 3	DB51212	.CLAMP (-501)		2
2- 3	DA51210	.CLAMP (-503)		2
2- 4	MIL-W-22759/16	.WIRE (20 AWG)(-501)		25
2- 4	MIL-W-22759/16	.WIRE (20 AWG)(-503)		15

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG



R95-3002

FIGURE 3 - DRUCK TRANSDUCER TEST UNIT

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
95-30-02				
3- -	030036-501	TEST BOX, DRUCK TRANSDUCER		1
3- 1	CU-3001A	.BOX (W/ ATTACH. HARDWARE) (BUD RADIO)		1
3- 2	#810	.TERMINAL STRIP (KEYSTONE)		1
3- 2	AN507-6R6	.SCREW		1
3- 2	AN960-6	.@WASHER		1
3- 2	AN363-632	.@NUT		1
3- 3	AN363-003	.CABLE ASSEMBLY		1
3- 3	919026-065	..CABLE (4 COND)		1
3- 3	200336-001	..PIN		4
3- 3	206062-001	..CLAMP		1
3- 3	206153-001	..RECEPTACLE		1
3- 3	MS21919-DG3	@CLAMP		1
3- 3	AN525-8R8	@SCREW		1
3- 3	AN960-8	@WASHER		1
3- 3	AN363-832	@NUT		1
3- 3	SB-500-6	BUSHING (HEYCO)		1
3- 4	RV4NAYSD101A	.POTENTIOMETER, 100 OHM (ALLEN-BRADLEY)		1
3- 4	PKES-90B-1/4	.KNOB (AUGAT ALCO SWITCH)		1
3- 5	030036-001	.COVER		1
3- 5	030036-005	.DECAL (USED FOR TROUBLESHOOTING)		1

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MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

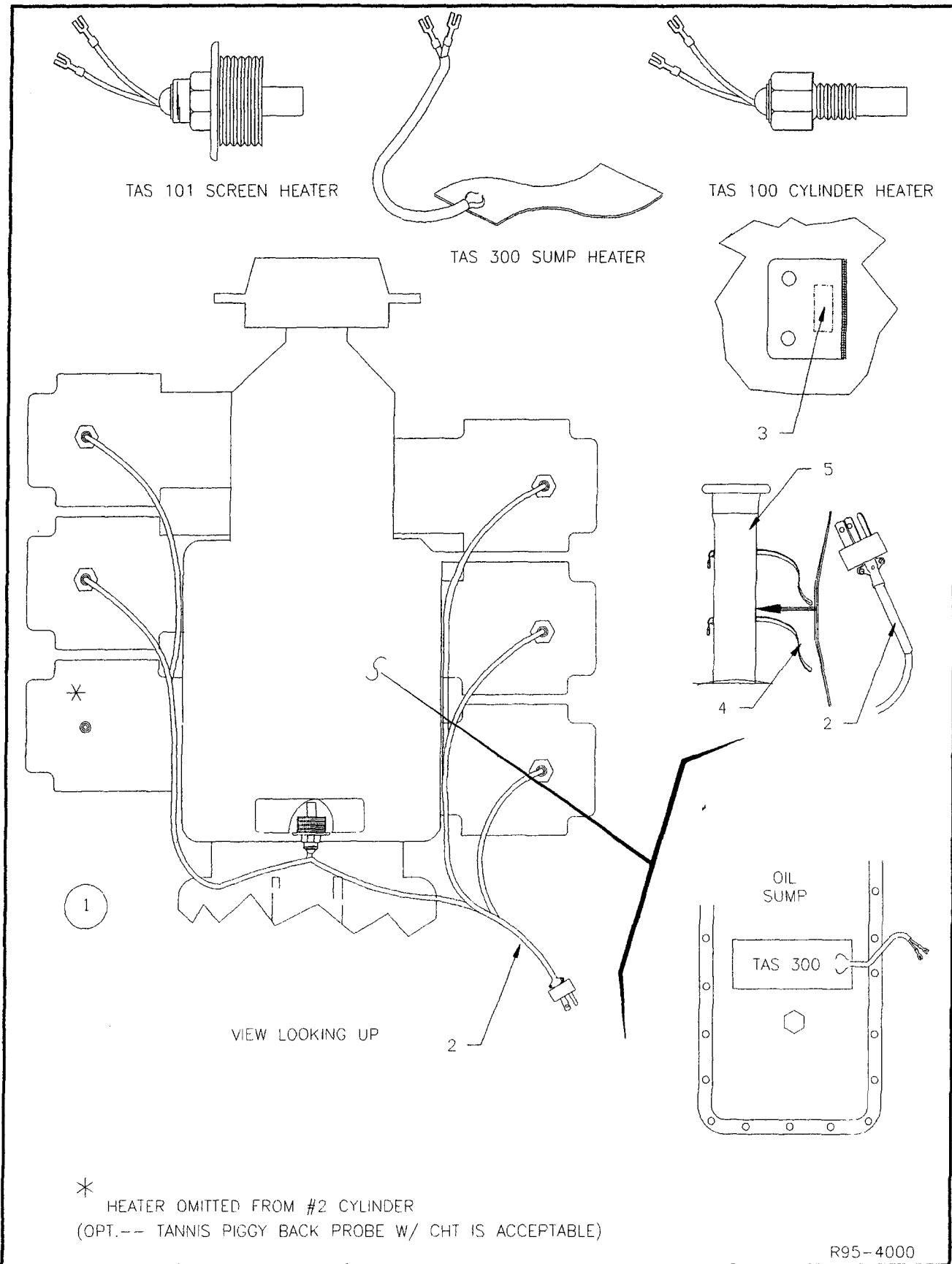


FIGURE 1 - TANNIS HEATER INSTALLATION

MOONEY AIRCRAFT CORPORATION
M20R & M20S - ILLUSTRATED PARTS CATALOG

SECTION FIG-ITEM	PART NUMBER	12345 NOMENCLATURE	EFFECT/ NOTES	UNITS/ ASSY
95-40-00				
1- -	950209-515	TANIS HEATER INSTALLATION (SEE 95-00-00)	/1	REF
1- -	950209-511	TANIS HEATER INSTALLATION (SEE 95-00-00)	/1	REF
1- 1	TAS100	.HEATER, CYLINDER	5	
1- 1	TAS101	.HEATER, SCREEN	1	
1- 1	AN-900	.WASHER, CRUSH	1	
1- 1	TAS300	.HEATER, SUMP	1	
1- 2	H-03	.WIRE HARNESS	1	
1- 3	1095	.PLACARD (ON OIL ACCESS DOOR)	1	
1- 4	SST-2-2	.TYRAP	AR	
1- -	AN931	.GROMMET (NI)	1	
1- -	211	.COVER (USED WITH 950209-511 ONLY) (NI)	/2	1
1- 5	IO-550-G(5)	ENGINE, OIL FILLER TUBE		REF
1- -	# 106	.RTV, RED (HIGH TEMP)		AR

NOTES:

1. OMIT HEATER FROM CYLINDER #2
2. NOT PART OF KIT; ORDER SEPARATELY.