



ATP INDEX

COPYRIGHT © 2003

COPYRIGHT IS NOT CLAIMED AS TO ANY PART OF AN ORIGINAL WORK PREPARED BY A UNITED STATES GOVERNMENT OFFICER OR EMPLOYEE AS PART OF THAT PERSONS OFFICIAL DUTIES OR BY ANY OTHER THIRD PARTY OFFICER OR EMPLOYEE AS PART OF THAT PERSONS DUTIES.

"ATP" is a registered trademark of Aircraft Technical Publishers. All original authorship of ATP is protected under U.S. and foreign copyrights and is subject to written license agreements between ATP and its Subscribers.

ALL RIGHTS RESERVED. NO PART OF THIS PUBLICATION MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM BY ANY MEANS, ELECTRONIC, MECHANICAL, PHOTOCOPYING, RECORDING OR OTHERWISE, WITHOUT PRIOR WRITTEN PERMISSION OF THE PUBLISHER.



ATP Grid Index to Manufacturer's Publications:

Learjet Corp.
CF700 Thrust Reverser for Falcon 20 Series Aircraft
Illustrated Parts Catalog

Section	Topic
---------	-------

General Information

Title Page
List of Chapters (Table of Contents)
Foreward
Record of Revisions
Record of Temporary Revisions
Letter of Transmittal (Highlights of Changes)
List of Effective Pages
Service Bulletin List

Power Plant

78.00.00	Exhaust
78.30.00	Thrust Reverser
78.31.10	Introduction
78.31.20	Illustrated Parts List
78.31.20	Dassault Falcon 20 Installation
78.31.20	Thrust Reverser Installation
78.31.20	Translating Structure Installation
78.31.20	Cascade Assembly
78.31.20	Cockpit Control Installation
78.31.20	Modified Tailpipe Assembly
78.31.20	Electrical Installation
78.31.20	Temporary Revision No. 78-9
78.31.20	Air Lines Installation
78.31.20	Engine Firewall Interface Bracket Modification
78.31.20	Rear Engine Frame Modification
78.31.20	Pedestal Modification
78.31.20	Safety System Installation

<u>Section</u>	<u>Topic</u>
78.31.20	Nacelle Components
78.31.30	Alpha-Numeric List

*** End of Index ***

MFG.

INTRO



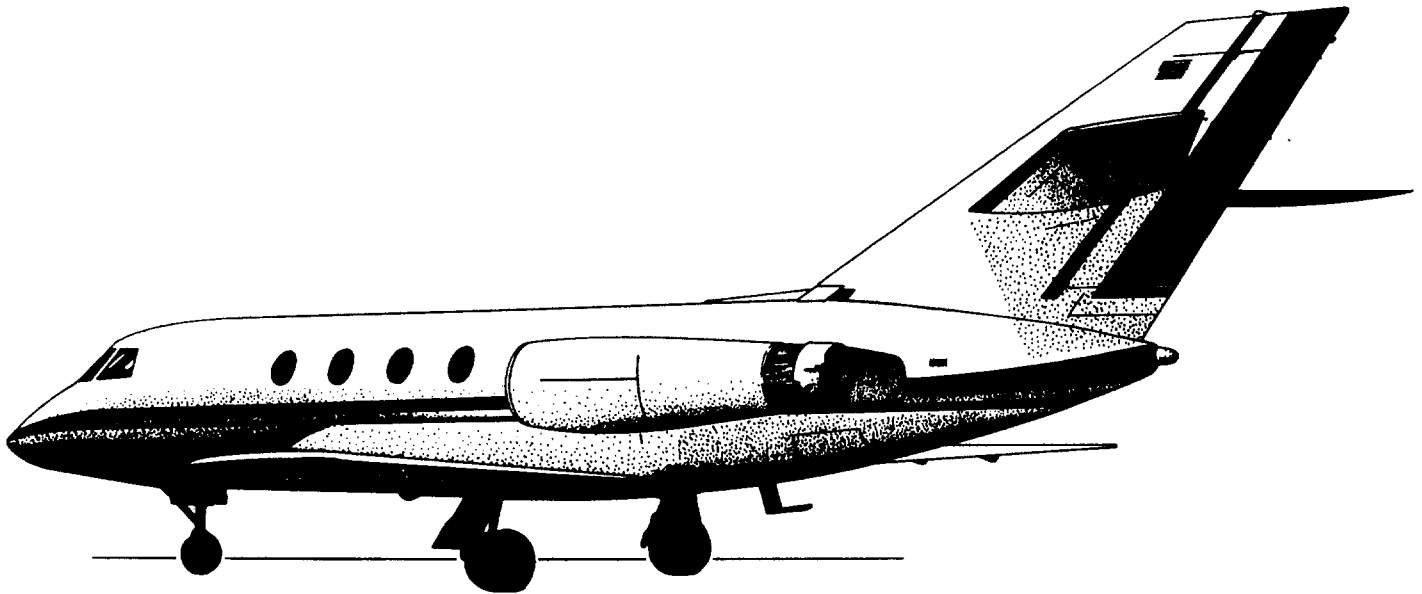
Learjet

Thrust Reverser Illustrated Parts Catalog

DASSAULT FALCON 20 INSTALLATION

Part No. 232-20000

(Formerly Aeronca)



NOTE: This is a complete re-issue and supersedes all previous 78-31 Illustrated Parts Catalog publications for the CF700 thrust reverser system installed on Falcon 20 series aircraft.

78-31

March 1, 1995

RECORD OF REVISIONS



MFG REV NO	DESCRIPTION	ISSUE DATE	ATP REV DATE	INSERTED BY
	REISSUE	10-13-83	05-20-85	ATP/RJ
	REISSUE	03-01-95	01-25-96	ATP/JLD

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

Record of Revisions

Record of Revisions	Date of Issue	Insertion Date	By	Record of Revisions	Date of Issue	Insertion Date	By

International Aerotech Academy For Training use Only

ILLUSTRATED PARTS CATALOG
 PART NO. 232-20000

Record of Temporary Revisions

Rev. No.	Date Inserted	Date Removed	Page Number	Rev. No.	Date Inserted	Date Removed	Page Number
78-9	11-01-95		78-31-20 PG 44				

International Aerotech Academy For Training use Only



Learjet Inc.

One Learjet Way, Wichita, KS 67209-2942
P.O. Box 7707, Wichita, KS 67277-7707
Phone (316) 946-2000

May 11, 1995

TO: Holders of Learjet (Aeronca) Falcon 20 Thrust Reverser
Illustrated Parts Catalog

SUBJECT: Reissue dated March 1, 1995

This Illustrated Parts Catalog is being reissued in its entirety to replace Illustrated Parts Catalog dated 3 October, 1993.

Direct any questions concerning distribution (changes in address, quantities, etc.) to Learjet Inc., P.O. Box 7707, Wichita, Kansas 67277-7707. Attn: Technical Data Control Center (MS 71). Telephone (316) 946-2393. FAX (316) 946-2580.

A handwritten signature in black ink that reads "Alan Gonia".

Alan Gonia
Manager,
Technical Publications

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

Chapter Section Subject	Page	Date	Chapter Section Subject	Page	Date
TITLE		Mar 1/95	78-31-20	36	Mar 1/95
Squawk Sheet			78-31-20	37	Mar 1/95
Rec. of Rev.	1	Mar 1/95	78-31-20	38	Mar 1/95
Rec. of Temp Rev.	1	Mar 1/95	78-31-20	39	Mar 1/95
78-List of			78-31-20	40	Mar 1/95
Serv. Pub.	1	Mar 1/95	78-31-20	41	Mar 1/95
78-List of			78-31-20	42	Mar 1/95
Serv. Pub.	2	Mar 1/95	78-31-20	43	Mar 1/95
78-List of			78-31-20	44	Mar 1/95
Serv. Pub.	3	Mar 1/95	78-31-20	45	Mar 1/95
78-List of			78-31-20	46	Mar 1/95
Eff. Pgs.	1	Mar 1/95	78-31-20	47	Mar 1/95
78-Contents	1	Mar 1/95	78-31-20	48	Mar 1/95
78-List of Illus.	1	Mar 1/95	78-31-20	49	Mar 1/95
78-Foreword	1	Mar 1/95	78-31-20	50	Mar 1/95
78-31-10	1	Mar 1/95	78-31-20	51	Mar 1/95
78-31-10	2	Mar 1/95	78-31-20	52	Mar 1/95
78-31-10	3	Mar 1/95	78-31-20	53	Mar 1/95
78-31-10	4	Mar 1/95	78-31-20	54	Mar 1/95
78-31-20	5	Mar 1/95	78-31-20	55	Mar 1/95
78-31-20	6	Mar 1/95	78-31-20	56	Mar 1/95
78-31-20	7	Mar 1/95	78-31-20	57	Mar 1/95
78-31-20	8	Mar 1/95	78-31-20	58	Mar 1/95
78-31-20	9	Mar 1/95	78-31-20	59	Mar 1/95
78-31-20	10	Mar 1/95	78-31-20	60	Mar 1/95
78-31-20	11	Mar 1/95	78-31-20	61	Mar 1/95
78-31-20	12	Mar 1/95	78-31-20	62	Mar 1/95
78-31-20	13	Mar 1/95	78-31-20	63	Mar 1/95
78-31-20	14	Mar 1/95	78-31-20	64	Mar 1/95
78-31-20	15	Mar 1/95	78-31-20	65	Mar 1/95
78-31-20	16	Mar 1/95	78-31-20	66	Mar 1/95
78-31-20	17	Mar 1/95	78-31-30	67	Mar 1/95
78-31-20	18	Mar 1/95	78-31-30	68	Mar 1/95
78-31-20	19	Mar 1/95	78-31-30	69	Mar 1/95
78-31-20	20	Mar 1/95	78-31-30	70	Mar 1/95
78-31-20	21	Mar 1/95	78-31-30	71	Mar 1/95
78-31-20	22	Mar 1/95	78-31-30	72	Mar 1/95
78-31-20	23	Mar 1/95	78-31-30	73	Mar 1/95
78-31-20	24	Mar 1/95	78-31-30	74	Mar 1/95
78-31-20	25	Mar 1/95	78-31-30	75	Mar 1/95
78-31-20	26	Mar 1/95	78-31-30	76	Mar 1/95
78-31-20	27	Mar 1/95			
78-31-20	28	Mar 1/95			
78-31-20	29	Mar 1/95			
78-31-20	30	Mar 1/95			
78-31-20	31	Mar 1/95			
78-31-20	32	Mar 1/95			
78-31-20	33	Mar 1/95			
78-31-20	34	Mar 1/95			
78-31-20	35	Mar 1/95			

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

LIST OF SERVICE PUBLICATIONS

<u>SERVICE BULLETIN</u>	<u>SUBJECT</u>	<u>DATED</u>
SB-78-30-001	Pneumatic Latch Assembly, Replacement Of	18 October, 1972
SB-78-30-002	Blocker Door Fittings And Replacement Of	11 January, 1973
*SL-78-30-003 *(Released As SB)	Prevention Of Rack Over-Travel	29 March, 1973
SB-78-30-004A	Latch Assembly Replacement, Of Pivot Hardware, Deletion Of Spring Steel Washers And Rework Of Lever Arm	15 July, 1973
SB-78-30-005	Inboard Safe Dispatch Bolt Replacement	20 February, 1973
*SL-78-30-006 *(Released As SB)	Inspection Of Welds	28 March, 1973
SB-78-30-007B	Retention Of Lever Arms	23 April, 1974
SB-78-30-008	Replacing Existing Rivets With AF007M Rivets	23 April, 1974
SB-78-30-009	Airesearch Service Transmits Airesearch Bulletin 126372-78-1180 Recommendations And Supplemental Data	30 July, 1974
SB-F20-78-30-010B	Blocker Door Actuator Link Lever Assemblies P/N's 232- 20258-507 & 508, Replacement Of	15 January, 1977
SB-F20-78-30-011	Translating Beam Assemblies, To Ensure Positive Retension Of NAS1352C06-8 Screws Attaching Part Number 232-20289 Guide Pins. Inspection And Rework Instructions	15 January, 1977
SB-F20-78-30-012	Throttle Assembly Inspection And Replacement Of Mechanical Interlocks, Rubstrips, And Latch Operating Springs, Instructions For	31 January, 1979
SB-F20-78-30-013	Throttle Assembly Auxiliary Lever Brass Pads, Replacement Of	1 December, 1985

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

<u>SERVICE CHANGES</u>	<u>SUBJECT</u>	<u>DATED</u>
SC-F20-001	Product Improvement Reinforcement Of 232-20101-59 Brackets, Kit No. 232-012A	01 January, 1979
SC-F20-002	Product Improvement Replacement Of P/N 3230113-3 Nulling Cable, P/N 3230137-1 Cursor, P/N 3230135-1 Bearings, And NAS1352c06-8 Guide Pin Attaching Screws And Installation Of 232-20459-1 Rack Aft Travel Stops, Kit No's. 232-013-2,-3,-4,-5	01 January, 1979
SC-F20-003	Product Improvement Relocation Of P/N 232-20286 Bleed Valves Kit No. 232-014	01 January, 1979
SC-F20-004A	Product Improvement Replacement Of 232-20355 Deploy Signal Switches And Replacement Of 232-20356 Pneumatic Latch Mounted Switches, Kit No. 232-015-1,-2	13 February, 1981
SC-F20-005A	Product Improvement Incorporation Of Ground/shop Air Adaptors, Kit No. 232-016	01 December, 1980
SC-F20-006	Product Improvement Addition Of Deploy Signal Switch Access Doors, Kit No. 232-017	01 January, 1979
SC-F20-007	Product Improvement Converting 232-20104-1 Throttle Assemblies, To The 232-20104-21 Configuration, Note: Applies To Reversers, S/N 001 Thru 057, Kit No. 232-018	01 January, 1979
SC-F20-008	Product Improvement Addition Of P/N 232-20460-1 Stow Stops, Kit No. 232-019	01 January, 1979

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

<u>SERVICE LETTERS</u>	<u>SUBJECT</u>	<u>DATE</u>
S1-F20-001	Falcon 20 Thrust Reverser System Pneumatic Actuator, Replacement Of Feedback Piston To Prevent Binding Of Feedback Linkage Described By Airesearch Service Bulletin 126372-78-1132	30 October, 1973
S1-F20-002	Field Installation Of Nozzle Exit Adapters P/N's 232-20288-1 & -501	01 February, 1974
S1-F20-003	Sequencing Latch Operation	25 June, 1974
S1-F20-004	Falcon 20 Thrust Reverser System Pneumatic Actuator Assembly Loose Timing Gears	03 July, 1974

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

TABLE OF CONTENTS

<u>SECTION</u>	<u>TITLE</u>	<u>PAGE</u>
78-31	Record of Revisions	1
	Record of Temporary Revisions	1
	Service Bulletins, Service Changes, and Service Letters	1
	List of Effective Pages	1
	List of Illustrations	1
	Foreword	1
78-31-10	Introduction	1
78-31-20	Illustrated Parts List	5
78-31-30	Numerical Index	67

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

LIST OF ILLUSTRATIONS

<u>FIGURE NO.</u>	<u>TITLE</u>	<u>PAGE</u>
2-1	Aeronca CF-700 Thrust Reverser System Dassault Falcon 20 Installation	6-7
2-2	Thrust Reverser Installation	10-12
2-3	Translating Structure Installation	21-23
2-4	Cascade Assembly	31-32
2-5	Control Installation, Part No. 232-20104-1, -17, and -21	35
2-6	Modified Tailpipe Assembly, Part No. 232-20103-1 and -35	39
2-7	Electrical Installation	41-47
2-8	Air Lines Installation	53
2-9	Engine Firewall Interface Bracket Modification	57
2-10	Rear Engine Frame Modification	59
2-11	Pedestal Modification	61
2-12	Safety System Installation	63
2-13	Nacelle Components	65

**ILLUSTRATED PARTS CATALOG
PART NO. 232-20000**

FOREWORD

Information contained in this publication provides all data necessary in ordering replacement parts for the Learjet (formerly Aeronca) CF700 Thrust Reverser System, Falcon 20 Installation, manufactured by Learjet as Part Number 232-20000.

This is a complete re-issue and supersedes all previous 78-31 Illustrated Parts Catalog publications for the CF700 thrust reverser system installed on Falcon 20 series aircraft.

Other publications applicable to the system are the System Maintenance Manual, 78-30, and the Overhaul Manual, 78-30-02.

CHAPTER

78

EXHAUST

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

SECTION

78-31-10

INTRODUCTION

**ILLUSTRATED PARTS CATALOG
PART NO. 232-20000**

1. CATALOG CONTENT

- A. The Illustrated Parts Catalog provides complete parts ordering data for components of the CF700 Thrust Reverser System, Falcon 20 Installation, manufactured, source-controlled, and installed by Learjet Inc. (Formerly Aeronca, Inc.) Nacelle, console, pylon, and other aircraft components associated with the reverser system are included only if modified. Illustrations contained in the Illustrated Parts Catalog are referenced in the system maintenance and repair publications.
- B. The Detailed Parts List, Section 78-31-20, includes a complete listing of system components and the illustrations required for parts identification.
- C. Figure-Item Column. The number under "Figure" is the number of the exploded view drawing illustrating the listed parts. Item numbers in this column correspond to component numbers used in the illustration.
- D. Nomenclature Column. The nomenclature used in the parts listing is taken from the engineering drawings for the detail parts and/or assemblies. Nomenclatures are indented to show relationships of parts and assemblies.
- E. Usable on Code. The number codes used in the usable on code column correspond with the system serial numbers.
- F. Units Per Assembly Column. The quantities listed in this column are the number of units required per assembly. For bulk items the letters AR are entered to indicate "as required". The letters REF are entered to indicate that item is listed only for reference purposes. Identical items are listed separately to indicate their order of disassembly; the quantities of identical items within a main assembly must be added to obtain a total quantity per main assembly.
- G. Manufacturer's Codes. A part not manufactured or source-controlled by Learjet Inc. is assigned a code included within parentheses following the nomenclature of the part. The vendor codes used within this publication are as follows:

<u>Code</u>	<u>Manufacturer's Address</u>
00141	PIC Design Corporation 477 Atlantic Avenue East Rockaway, New York 11518
04283	Replace by -- 24210
08484	Breeze Corporation, Inc. 700 Liberty Avenue Union, New Jersey 07083
09049	Custom Component Switches, Inc. 21111 Plummer Street Chatsworth California 91311
15653	Kaynar Mfg. Co., Inc. P. O. Box 3001 Fullerton, California 92634

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

<u>Code</u>	<u>Manufacturer's Address</u>
15656	Kaynar Mfg. Co. 800 S. St. College Blvd. Fullerton, California 92634
15862	Siebelair 5563 W. Washington Blvd. Los Angeles, California 90016
24210	Learjet Inc. One Learjet Way P.O. Box 7707 Wichita, Kansas 67277
70417	Chrysler Corporation Amplex Division 6501 Harper Avenue Detroit, Michigan 48211
71286	Rexnard, Inc. Specialty Fastener Division 22 Spring Valley Road Paramus, New Jersey 07652
71468	ITT Cannon Electric, Inc. 3208 Humbolt St. Los Angeles, California 90031
72619	Dialight Corporation 60 Stewart Avenue Brooklyn, New York 11237
78189	Illinois Tool Works, Inc. Shakeproof Division St. Charles Road Elgin, Illinois 60126
79326	Wiggins E. B. Inc. 5000 Triggs Street Los Angeles, California 90022
80512	Replaced by -- 24210
81376	Southwest Products Company 1705 S. Mountain Avenue Monrovia, California 91016
98996	Olympic Screw and Rivet Corporation 1441 S. Dowlan Street Downey, California 90241

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

<u>Code</u>	<u>Manufacturer's Address</u>
99193	AiResearch Mfg. Company 402 South 36th Street Phoenix, Arizona 85010
99207	General Electric Company Aircraft Engine Group 1000 Western Avenue West Lynn, Massachusetts 01905

H. The Alpha-Numerical List, Section 78-31-30, contains a complete listing of all components included in the Detailed Parts List.

**ILLUSTRATED PARTS CATALOG
PART NO. 232-20000**

SECTION

78-31-20

ILLUSTRATED PARTS LIST

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

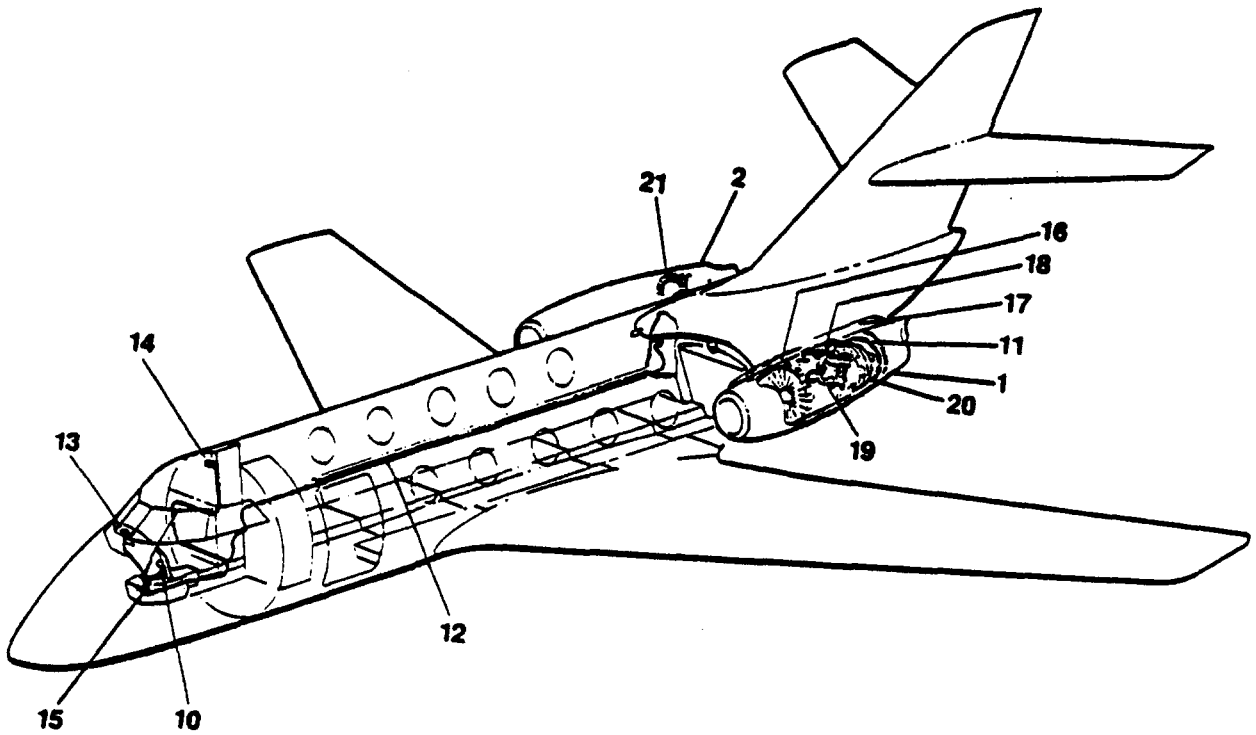


FIGURE 2-1, SHEET 1 OF 2 - CF-700 THRUST REVERSER SYSTEM
DASSAULT FALCON 20 INSTALLATION

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

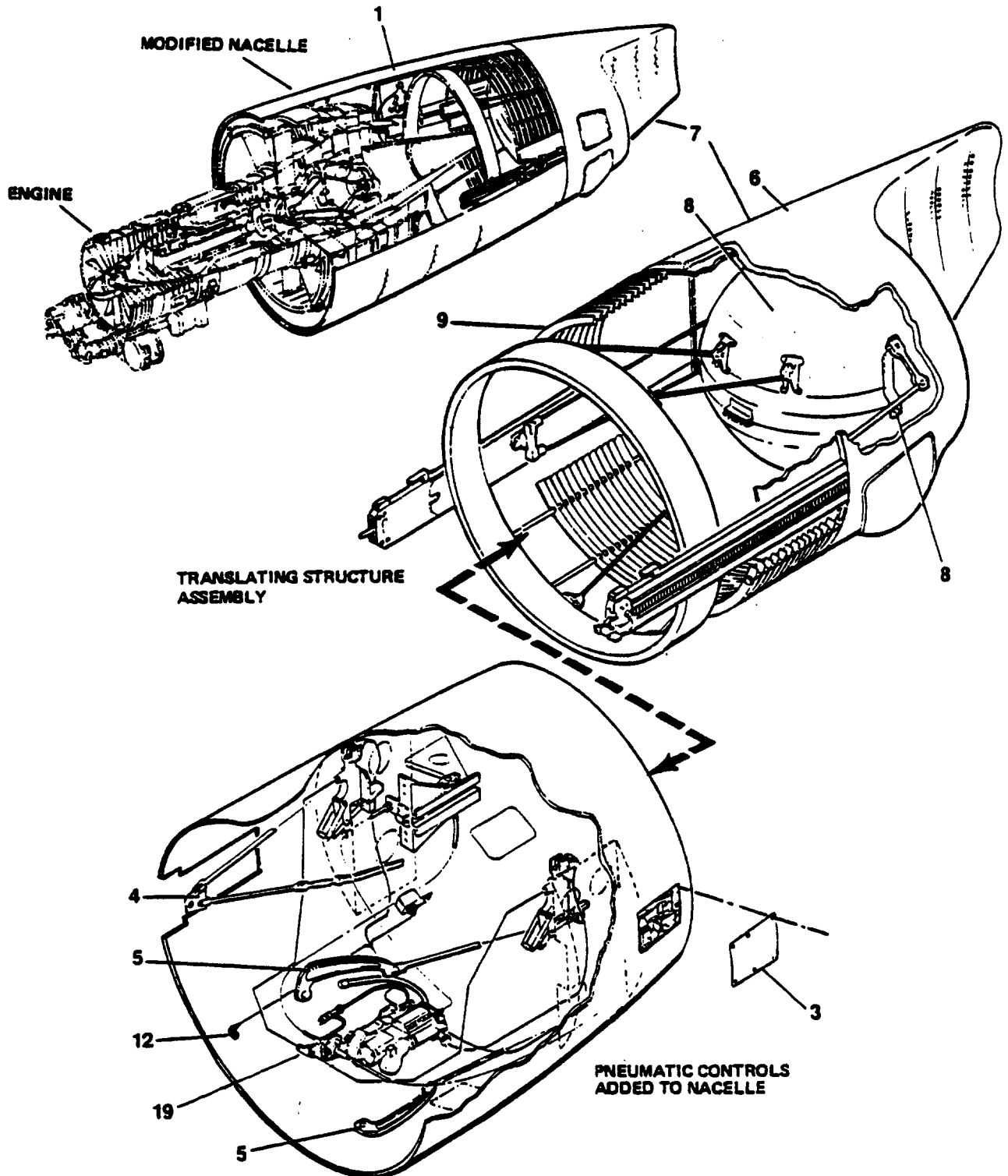


FIGURE 2-1, SHEET 2 OF 2 - CF-700 THRUST REVERSER SYSTEM
DASSAULT FALCON 20 INSTALLATION

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

FIG. INDEX	PART NUMBER	NOMENCLATURE	USABLE ON							QUANTITY PER ASSEMBLY
			1	2	3	4	5	6	7	
2-1	232-20000-1	THRUST REVERSER SYSTEM - Falcon 20 (80512)	001							1
	232-20000-2	THRUST REVERSER SYSTEM - Falcon 20 (80512)	002-027, 030-036, 038-043							1
	232-20000-3	THRUST REVERSER SYSTEM - Falcon 20 (80512)	028, 029, 037, 044- 999							1
-1	232-20100	. THRUST REVERSER INSTALLATION, Left-Hand (See Figure 2-2 for details) (80512)	001-999							1
-2	232-20100	. THRUST REVERSER INSTALLATION, Right-Hand (See Figure 2-2 for details) (80512)	001-999							1
-3	232-20441	. . DEPLOY SWITCH ACCESS PANEL INSTALLATION (See Figure 2-13 for Details)	018, 021-999							1
-4	232-20125	. . TENSION ROD ASSY. (Refer to Figure 2-2 for Details)	001-999							2
-5	232-20120	. . STRAP AND FITTING ASSY. (Refer to Figure 2-2 for Details)	001-999							2
-6	232-20186	. . FAIRING MODIFICATION (Refer to Figure 2-3 for Details)	001-999							1
-7	232-20250	. . TRANSLATING STRUCTURE ASSEMBLY (Refer to Figure 2-3 for Details)	001-999							1
-8	232-20202	. . . BLOCKER DOOR ASSEMBLY (Refer to Figure 2-3 for Details)	001-999							2
-9	232-20203	. . . CASCADE ASSEMBLY (Refer to Figure 2-4 for Details)	001-999							1
-10	232-20104	. COCKPIT CONTROL INSTALLATION (Refer to Figure 2-5 for Details)	001-999							1
-11	232-20103	. MODIFIED TAILPIPE ASSEMBLY (Refer to Figure 2-6 for Details)	001-999							1
-12	232-20411	. ELECTRICAL INSTALLATION, THRUST REVERSER (Refer to Figure 2-7 for Details)	001-999							1
-13	232-20192	. MODIFICATION - SUBPANEL, Engine Instrument (80512)	001-999							1
-14	232-20191	. MODIFICATION - PANEL, Electrical Thrust Reverser	001-999							1
-15	232-20194-1	. MODIFICATION - PEDESTAL, Falcon 20 Thrust Reverser (See Figure 2-11 for Details) (80512)	001-999							1
-16	232-20190-1	. MODIFICATION - PYLON, Heat Exchanger Compartment, Left-Hand (80512)	001-999							1
---	232-20190-2	. MODIFICATION - PYLON, Heat Exchanger Compartment, Right-Hand (80512)	001-999							1
-17	232-20102-1	. MODIFIED PYLON - CF-700 Thrust Reverser, Left-Hand (Applicable to pylons not having integral air duct) (80512)	001-999							1
---	232-20118-1	. MODIFIED PYLON - CF-700 Thrust Reverser, Left-Hand (Applicable to pylons having integral air duct) (80512)	001-999							1
---	232-20102-2	. MODIFIED PYLON - CF-700 Thrust Reverser, Right-Hand (Applicable to pylons not having integral air duct) (80512)	001-999							1
---	232-20118-2	. MODIFIED PYLON - CF-700 Thrust Reverser, Right-Hand (Applicable to pylons having integral air duct) (80512)	001-999							1
---	232-20226-11	. PYLON FAIRING ASSEMBLY, Falcon 20 Thrust Reverser (80512)	001-999							2
-18	232-20404-1	. SAFETY SYSTEM INSTALLATION - CF-700 Left-Hand (See Figure 2-12 for Details) (80512)	001-999							1

78-31-20

March 1, 1995

Page 8

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

FIG. INDEX	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USABLE ON	QUANTITY
				PER ASSEMBLY
2-1 ---	232-20404-2	. SAFETY SYSTEM INSTALLATION - CF-700 Right-Hand (See Figure 2-12 for Details) (80512)	001-999	1
---	232-20421-1	. BOLT - SAFE DISPATCH, Outboard (See Figure 2-2 for Details)	001-999	REF
---	232-20421-5	. BOLT - SAFE DISPATCH, Inboard (See Figure 2-2 for Details)	001-999	REF
-19	232-20270-1	. INSTALLATION - ACTUATOR AIR LINES, Left-Hand (See Figure 2-8 for Details) (80512)	001-999	1
---	232-20270-501	. INSTALLATION - ACTUATOR AIR LINES, Right-Hand (See Figure 2-8 for Details) (80512)	001-999	1
---	232-20187-1	. MODIFICATION - ENGINE FIREWALL INTERFACE BRACKET, Left-Hand (See Figure 2-9 for Details) (80512)	001-999	1
---	232-20187-2	. MODIFICATION - ENGINE FIREWALL INTERFACE BRACKET, Right-Hand (See Figure 2-9 for Details) (80512)	001-999	1
-20	232-20193-1	. MODIFIED FRAME ASSEMBLY, Engine Rear Left-Hand (See Figure 2-10 for Details) (80512)	001-999	1
-21	232-20193-2	. MODIFIED FRAME ASSEMBLY, Engine Rear Right-Hand (See Figure 2-10 for Details) (80512)	001-999	1

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

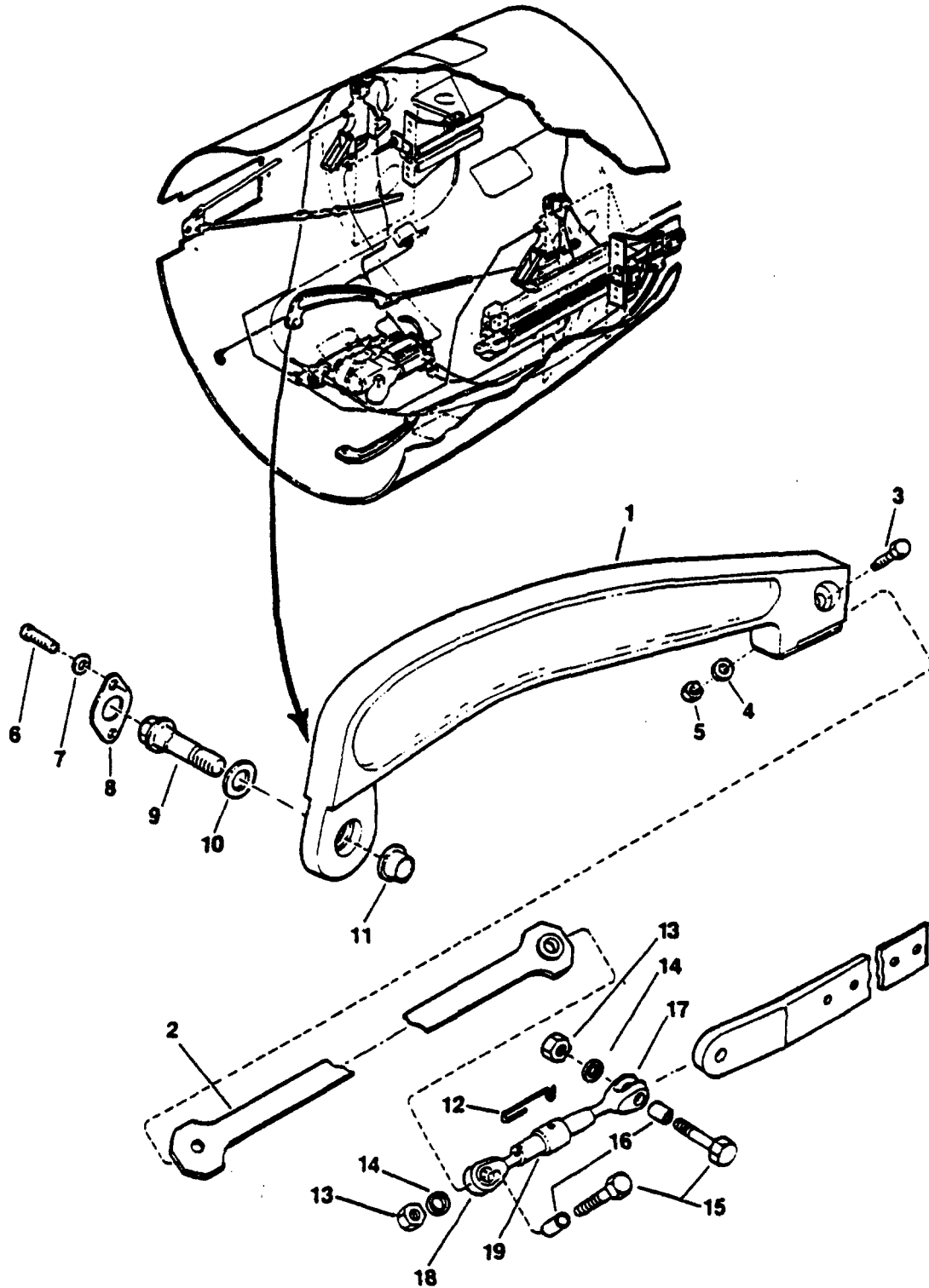


FIGURE 2-2, SHEET 1 OF 3
THRUST REVERSER INSTALLATION

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

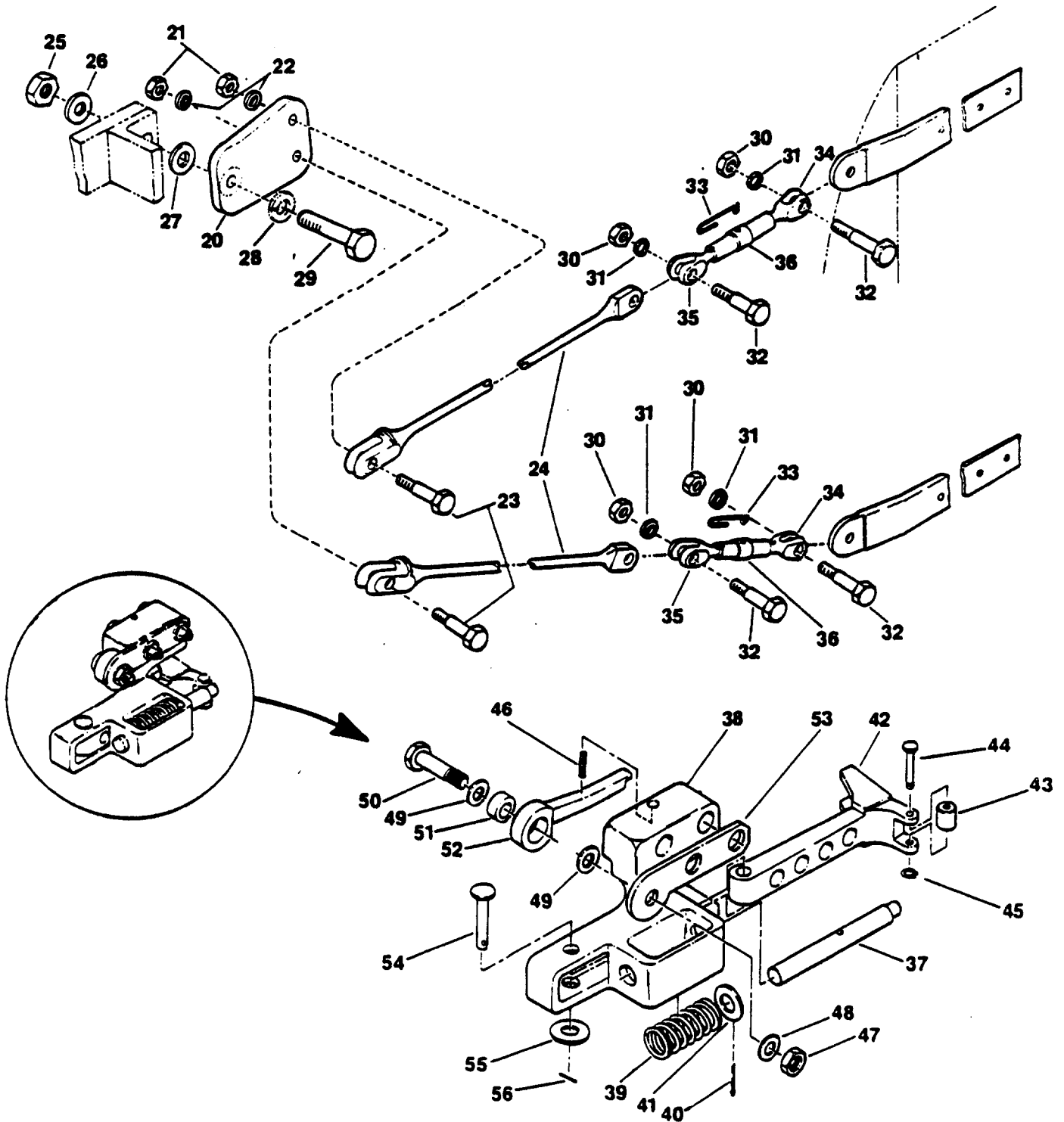
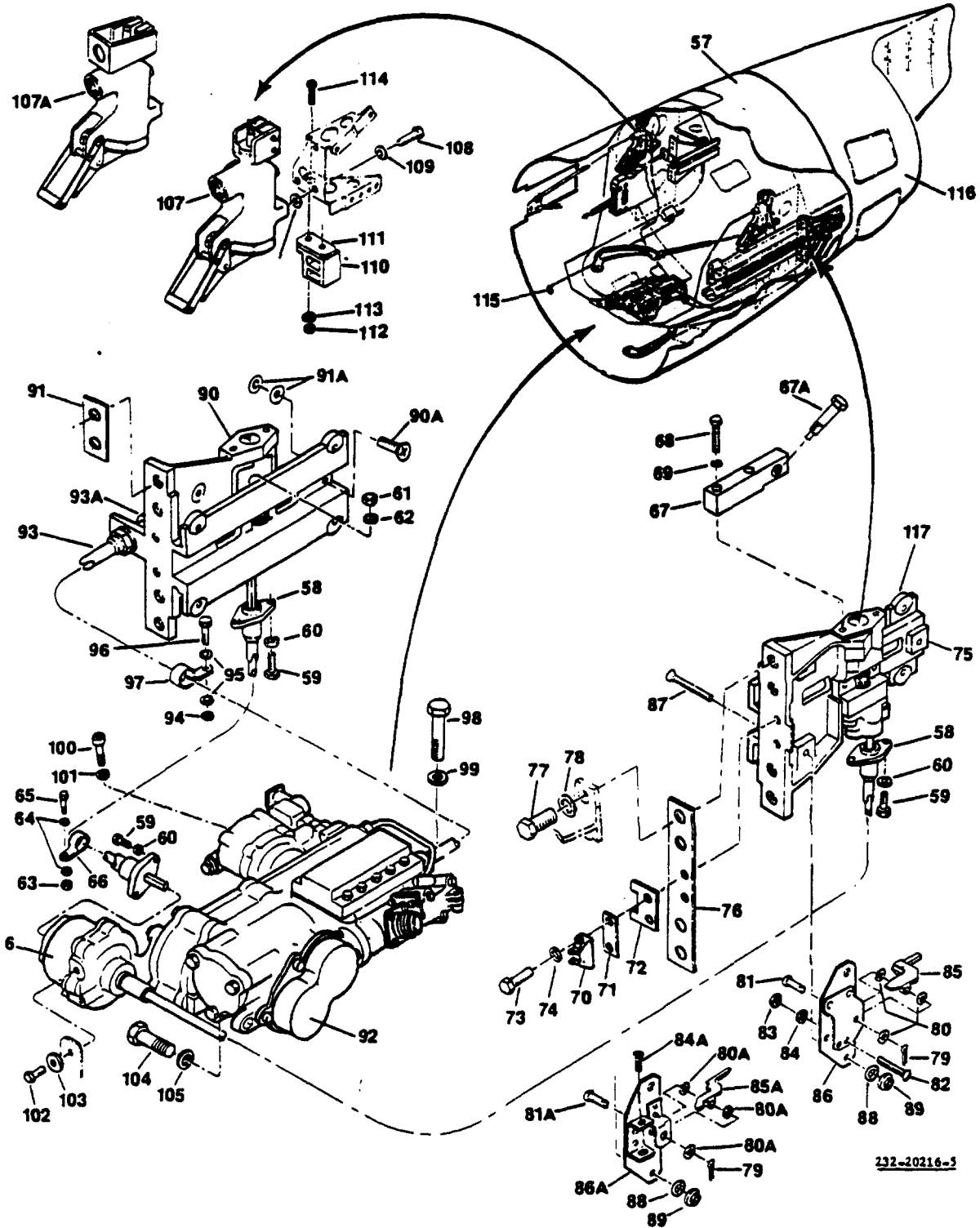


FIGURE 2-2, SHEET 2 OF 3
THRUST REVERSER INSTALLATION

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000



232-20216-3

232-20456-1

FIGURE 2-2, SHEET 3 OF 3
THRUST REVERSER INSTALLATION

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

FIG. INDEX	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USABLE ON	QUANTITY
				PER ASSEMBLY
2-2 ---	232-20100-501	THRUST REVERSER INSTALLATION, Left-Hand (80512)	001	1
---	232-20100-503	THRUST REVERSER INSTALLATION, Left-Hand (80512)	002-027, 030-036, 038-043	1
---	232-20100-505	THRUST REVERSER INSTALLATION, Left-Hand (80512)	028,029, 037,044- 233	1
---	232-20100-507	THRUST REVERSER INSTALLATION, Left-Hand (80512)	234-999	1
---	232-20100-502	THRUST REVERSER INSTALLATION, Right-Hand (80512)	001	1
---	232-20100-504	THRUST REVERSER INSTALLATION, Right-Hand (80512)	002-027 030-036, 038-043	1
---	232-20100-506	THRUST REVERSER INSTALLATION, Right-Hand (80512)	028,029 037,044- 233	1
---	232-20100-508	THRUST REVERSER INSTALLATION, Right-Hand (80512)	234-999	1
---	232-20120-1	. TENSION STRAP AND FITTING ASSEMBLY, Outboard Upper Left-Hand (80512)	001-999	1
-1	232-20123-1	. . TENSION FITTING ASSEMBLY, Outboard Upper Left-Hand (80512)	001-999	1
---	232-20123-3	. . . FITTING (80512)	001-999	1
---	BLFR-5	. . . BEARING, Spherical (81376)	001-999	1
---	232-20121-1	. . TENSION STRAP ASSEMBLY, Outboard (80512)	001-999	1
-2	232-20121-5	. . . STRAP (80512)	001-999	1
---	AN960CS16	. . . WASHER	001-999	2
-3	NAS1297-3-6	. . BOLT	001-999	1
-4	AN960CS16	. . WASHER	001-999	2
-5	NAS679A3W	. . NUT	001-999	1
---	232-20120-2	. TENSION STRAP AND FITTING ASSEMBLY, Outboard Upper Right-Hand (80512)	001-999	1
---	232-20123-2	. . TENSION FITTING ASSEMBLY, Outboard Upper Right-Hand (80512)	001-999	1
---	232-20123-4	. . . FITTING (80512)	001-999	1
---	BLFR-5	. . . BEARING, Spherical (81376)	001-999	1
---	232-20121-1	. . TENSION STRAP ASSEMBLY, Outboard(80512)	001-999	1
---	232-20121-5	. . . STRAP (80512)	001-999	1
---	AN960CS16	. . . WASHER	001-999	2
---	NAS1297-3-6	. . BOLT	001-999	1
---	AN960-10L	. . WASHER	001-999	2
---	NAS679A3W	. . NUT	001-999	1
---	232-20120-3	. TENSION STRAP AND FITTING ASSEMBLY, Outboard Lower Left-Hand (80512)	001-999	1
---	232-20122-1	. . TENSION FITTING ASSEMBLY, Outboard Lower Left-Hand (80512)	001-999	1
---	232-20122-3	. . . FITTING (80512)	001-999	1
---	BLFR-5	. . . BEARING, Spherical (81376)	001-999	1
---	232-20121-3	. . TENSION STRAP ASSEMBLY, Outboard (80512)	001-999	1
---	232-20121-7	. . . STRAP (80512)	001-999	1
---	AN960CS16	. . . WASHER	001-999	2
---	NAS1297-3-8	. . BOLT	001-999	1
---	AN960-10L	. . WASHER	001-999	2
---	NAS679A3W	. . NUT	001-999	1
---	232-20120-4	. TENSION STRAP AND FITTING ASSEMBLY, Outboard Lower Right-Hand (80512)	001-999	1
---	232-20122-2	. . TENSION FITTING ASSEMBLY, Outboard Lower Right-Hand (80512)	001-999	1
---	232-20122-4	. . . STRAP (80512)	001-999	1
---	BLFR-5	. . . BEARING, Spherical (81376)	001-999	1

78-31-20

March 1, 1995

Page 13

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

FIG. INDEX	PART NUMBER	NOMENCLATURE	USABLE ON	QUANTITY
				PER ASSEMBLY
2-2 ---	232-20121-3	. . TENSION STRAP ASSEMBLY, Outboard (80512)	001-999	1
---	232-20121-7	. . . STRAP (80512)	001-999	1
---	NAS1297-3-8	. . BOLT	001-999	1
---	AN960-10L	. . WASHER	001-999	1
---	NAS679A3W	. . NUT	001-999	1
		ATTACHING PARTS		
-6	NAS1351C08H8	. SCREW	001-999	4
-7	AN960C8	. WASHER	001-999	4
-8	2002T73P01	. RETAINER (99207)	001-999	2
-9	232-20163-3	. BOLT (80512)	001-999	2
10	AN960C516	. WASHER	001-999	2
11	232-20163-5	. BUSHING (80512)	001-999	2
12	MS21256-1	. CLIP, Lock	001-999	2
13	NAS679A3	. NUT	001-999	4
14	AN960-10L	. WASHER	001-999	4
15	NAS1303-8	. SCREW	001-205	4
---	NAS1303-9	. SCREW (Preferred Replacement for NAS1303-8)	001-999	4
16	NAS75-3-018	. BUSHING	001-205	4
---	NAS75-3-019	. BUSHING (Preferred Replacement for NAS75-3-018)	001-999	4
17	MS21252-6RS	. CLEVIS END	001-999	2
18	MS21252-6LS	. CLEVIS END	001-999	2
19	MS21251-6S	. BODY, Turnbuckle	001-999	2

---	232-20125-1	. TENSION ROD ASSEMBLY, Inboard (80512)	001-999	1
20	232-20127-1	. . CLEVIS ATTACH FITTING, Inboard (80512)	001-999	1
21	NAS679A3W	. . NUT	001-999	2
22	AN960-10L	. . WASHER	001-999	2
23	NAS1297-3-10	. . BOLT	001-999	2
24	232-20126-1	. . TENSION ROD, Inboard (80512)	001-999	2
		ATTACHING PARTS		
25	MS51943-36	. NUT	001-999	1
26	AN960-616L	. WASHER	001-999	1
27	NAS1070616	. WASHER	001-999	1
28	MY20.550.016	. WASHER (F6117 - DASSAULT)	001-999	1
29	232-20278-1	. BOLT (80512)	001-999	1
30	NAS679A3	. NUT	001-999	4
31	AN960-10L	. WASHER	001-999	4
32	NAS1297-3-7	. BOLT	001-205	4
---	NAS1297-3-8	. BOLT (Preferred Replacement for NAS1297-3-7)	001-999	4
33	MS21256-1	. CLIP, Lock	001-999	2
34	MS21252-5RS	. CLEVIS END	001-999	2
35	MS21252-5LS	. CLEVIS END	001-999	2
36	MS21251-5S	. BODY, Turnbuckle	001-999	2

---	232-20294-501	. STOP/HOUSING ASSEMBLY (Obsolete - Superseded by 232-20294-511 for future procurement) (80512)	001-074	1
---	232-20294-511	. STOP/HOUSING ASSEMBLY (Supersedes 232-20294-501) (80512)	001-999	1
37	232-20209-17	. . PIN, Select Fit (80512)	001-999	1
---	232-20294-503	. STOP/HOUSING ASSEMBLY (Obsolete - Superseded by 232-20294-513 for future procurement) (80512)	001-074	1
---	232-20294-513	. STOP/HOUSING ASSEMBLY (Supersedes 232-20294-503) (80512)	001-999	1
---	232-20209-19	. . PIN, Select Fit (Replaces 232-20209-17) (80512)	001-999	1

78-31-20

March 1, 1995

Page 14

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

FIG. INDEX	PART NUMBER	NOMENCLATURE	USABLE ON	QUANTITY
				PER ASSEMBLY
		1 2 3 4 5 6 7		
2-2 ---	232-20294-505	. STOP/HOUSING ASSEMBLY (Obsolete - Superseded by 232-20294-515 for future procurement) (80512)	001-074	1
---	232-20294-515	. STOP/HOUSING ASSEMBLY (Supersedes 232-20294-505) (80512)	001-999	1
---	232-20209-21	. . PIN, Select Fit (80512)	001-999	1
---	232-20294-507	. STOP/HOUSING ASSEMBLY (Obsolete - Superseded by 232-20294-517 for future procurement) (80512)	001-074	1
---	232-20294-517	. STOP/HOUSING ASSEMBLY (Supersedes 232-20294-507) (80512)	001-999	1
---	232-20209-23	. . PIN, Select Fit (80512)	001-999	1
---	232-20294-509	. STOP/HOUSING ASSEMBLY (Obsolete - Superseded by 232-20294-519 for future procurement) (80512)	001-074	1
---	232-20294-519	. STOP/HOUSING ASSEMBLY (Supersedes 232-20294-509) (80512)	001-999	1
---	232-20209-25	. . PIN, Select Fit (80512)	001-999	1
38	232-20242-3	. . HOUSING (80512)	001-217	1
---	232-20242-5	. . HOUSING (80512)	001-999	1
39	MS24585-1341	. . SPRING	001-999	1
40	MS24665-210	. . COTTER KEY	001-999	1
41	232-20294-3	. . WASHER (80512)	001-999	1
---	232-20393-1	. LATCH ASSEMBLY (Obsolete - Superseded by 232-20393-5 or -6 for future procurement) (80512)	001-074	1
---	232-20393-5	. LATCH ASSEMBLY, Left-Hand Outboard/Right-Hand Inboard (Supersedes 232-20393-1) (80512)	001-999	1
42	232-20393-3	. . LATCH (80512)	001-999	1
43	232-20444-1	. . ROLLER, Latch (80512)	001-999	1
44	232-20443-1	. . PIN, Roller (80512) (Use Only With MS16633-1012 Ring)	001-216	1
---	232-20443-3	. . PIN, Roller (80512) (Use Only With 5560-12-S-MD Ring)	217-999	1
45	MS16633-1012	. . RING, Retainer (Use Only With 232-20443-1 Pin) (80512)	001-216	1
---	5560-12-S-MD	. . RING, Retainer (Use Only With 232-20443-3 Pin) (80512)	217-999	1
---	232-20393-6	. LATCH ASSEMBLY, Left-Hand Inboard/Right-Hand Outboard (Supersedes 232-20393-1) (80512)	001-999	1
46	MS24585-1063	. SPRING	001-999	1
47	MS21043-3	. NUT	001-999	1
48	AN960C10L	. WASHER	001-999	2
49	AN960P0516L	. WASHER	001-999	AR
---	3515-18-01	. SPRING WASHER (Obsolete - See Service Bulletin 78-30-004A)	001-050	2
50	AN3-C7A	. BOLT	001-999	1
51	NAS75-3-011	. BUSHING (Obsolete)	001-233	1
---	232-20397-1	. BUSHING (Replaces NAS75-3-011)	001-999	1
---	232-20230-1	. LEVER (Obsolete - Superseded by 232-20230-3 for future procurement) (80512)	001-074	1
52	232-20230-3	. LEVER (Supersedes 232-20230-1) (80512)	001-999	1
53	232-20231-1	. RETAINER (80512)	001-999	1
54	MS9463-11	. PIN	001-999	1
55	AN960C10L	. WASHER	001-999	1
56	MS24665-132	. COTTER KEY	001-999	1
		ATTACHING PARTS		
---	NAS1291C4M	. NUT	001-999	8
---	AN960-416L	. WASHER	001-999	8

78-31-20

March 1, 1995

Page 15

**ILLUSTRATED PARTS CATALOG
PART NO. 232-20000**

FIG. INDEX	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USABLE ON	QUANTITY
				PER ASSEMBLY
2-2	---	. SCREW	001-999	4
	---	. SCREW (Retainer Side)	001-999	4
	---	. TRANSLATING STRUCTURE INSTALLATION	001	1
	---	. TRANSLATING STRUCTURE INSTALLATION	002-027, 030-036, 038-043	1 1 1
57	232-20250-505	. TRANSLATING STRUCTURE INSTALLATION (See Figure 2-3 for Details) (24210)	028-029, 037,044-	2 2
58	121460-2-1	. SHAFT, FLEX (99193) ATTACHING PARTS	001-999	2
59	NAS1351-3-3P	. SCREW	001-999	8
60	NAS620-10	. WASHER	001-999	8
61	NAS1291C4M	. NUT	001-999	2
62	AN960-416	. WASHER	001-999	2
63	NAS679-C3	. NUT	001-999	4
64	AN960PDI0L	. WASHER	001-999	8
65	MS35207-261	. SCREW	001-999	4
66	MS21919WH10	. CLAMP	001-999	4
67	232-20420-1	. FITTING, Outboard, Lockpin (24210)	001-999	1
67A	232-20421-1	. BOLT, Outboard Safe Dispatch (Lockout Pin 1.53 inch Long) ATTACHING PARTS	001-999	1
68	NAS1315-3-10P	. SCREW	001-999	2
69	AN960CI0L	. WASHER	001-999	2
---	232-20420-2	. FITTING, Inboard Lockpin (24210)	001-999	1
---	232-20421-5	. BOLT, Inboard Safe Dispatch (Lockout Pin 5.53 inches Long) ATTACHING PARTS	001-999	1
---	NAS1351-3-10P	. SCREW	001-999	1
---	AN960CI0L	. WASHER	001-999	2
70	232-20399-1	. CATCH (24210)	001-999	2
71	232-20399-3	. SHIM (Obsolete for future procurement - Reference Service Change SC-F20-001)	028,029, 037, 044-099	AR
72	232-20445-1	. PLATE-Inboard (Added by Service Bulletin 78-30-03) (24210) (Units not having had rack change since new.)	001-027, 030-036, 038-043	1 1 1
---	232-23200-23	. SHIM, Used to establish coincident engagement between stop housing and inboard and outboard pinion gears.	001-999	AR
---	45-12292-7	. SHIM, Used to establish coincident engagement between stop housing and inboard and outboard pinion gears. (Spares replacement for 232-23200-23.)	001-999	AR
---	232-20445-3	. PLATE, Outboard (Added by Service Bulletin 78-30-003) (24210) (Units not having had rack change since new.)	001-027, 030-036, 038-043	1 1 1

78-31-20

March 1, 1995

Page 16

**ILLUSTRATED PARTS CATALOG
PART NO. 232-20000**

FIG. INDEX	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USABLE ON	QUANTITY PER ASSEMBLY
2-2	---	232-23200-21		
	---	45-12292-9	001-999	AR
	---	234-23200-25	001-999	AR
73		NAS221-8	001-999	1
74		NAS620-10L	001-999	4
	---	NAS679-C3	001-999	4
75		121468-4-1	001-999	2
		PINION GEAR BOX, Outboard (99193) *2		
		Series 1 & 2	001-216	1
		Series 3 & 4	001-243	1
	---	45-8005-004	001-243	1
	---	121468-6-1	001-243	1
	---	45-8005-006	001-999	1
76		232-20462-1	001-999	1
		SHIM (Outboard Only) (24210)	001-999	AR
		ATTACHING PARTS		
77		NAS144-13	001-999	4
	---	NAS144-14	001-999	4
	---	NAS144-15	001-999	4
78		MS20002C4	001-999	4
		WASHER		
	---	232-20216-1	001-233	1
		LIMIT SWITCH ASSEMBLY (Obsolete) (24210)		
	---	232-20216-3	001-233	1
		LIMIT SWITCH ASSEMBLY (Obsolete) (24210)		
	---	232-20216-5	001-233	1
		LIMIT SWITCH ASSEMBLY (Supersedes 232-20216-1 and -3) (24210)		
	---	232-20456-1	001-233 234-999	1 1
		ACTUATOR ASSEMBLY (24210) *1		
		ATTACHING PARTS		
79		MS24665-151	001-999	1
80		NAS620-10L	001-233	3
80A		AN960CI0L	234-999	3
81		MS20392-2C17	001-233	1
81A		MS20392-2C19	234-999	1
82		01-093-1	001-233	2
83		MS21042-02	001-233	2
84		MS35333-35	001-233	4
84A		NAS1352-06-10	234-999	1
		CAP SCREW *1		
85		232-20218-1	001-233	1
		ACTUATOR (Component of 232-20216-1) (24210)		

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

FIG. INDEX	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USABLE ON	QUANTITY
				PER ASSEMBLY
2-2 ---	232-20218-9	. . ACTUATOR (Component of 232-20218-3) (24210)	001-233	1
---	232-20442-1	. . ACTUATOR (Component of 232-20216-5) (24210)	001-233	1
---	232-20457-1	. . ACTUATOR (24210)	234-999	1
85A	232-20457-3	. . ACTUATOR (Preferred replace- ment for 232-20457-1) (24210) *1	234-999	1
86	232-20217-1	. . BRACKET (24210)	001-233	1
86A	232-20455-1	. . BRACKET ASSEMBLY (24210) *1	234-999	1
87	NAS517-4-3	. SCREW (Obsolete for future procurement)	001-999	2
---	HL21-8-4	. . PIN	001-999	2
88	AN960-416L	. WASHER	001-999	2
89	NAS1291C4M	. NUT	001-999	2
90	121468-3-1	. PINION GEAR BOX, Inboard (99193) *2 Series 1 & 2 (Use with 3230112-1 Null Cable) *3 Series 3 & 4 (Use with 3233965-1 Null Cable)	001-216	1
---	45-8005-003	. PINION GEAR BOX, Inboard (99193) (Alternate for 121468-3-1)	001-243	1
---	121468-5-1	. PINION GEAR BOX, Inboard (99193) *2 (Use with 126372-1, Series 5 Pneumatic Actuator)	001-243	1
---	45-8005-005	. PINION GEAR BOX, Inboard (99193) (Alternate for 121468-5-1)	001-999	1
90A	NAS517-4-11	. SCREW	001-999	1
91	232-20101-244	. SHIM	001-999	AR
		ATTACHING PARTS		
---	NAS517-4-3	. SCREW	001-999	2
---	NAS144-13	. BOLT	001-999	4
---	NAS144-14	. BOLT (Use with 232-20101-244 Shims installed)	001-999	4
---	NAS144-15	. BOLT (Use with 232-20101-244 Shims installed)	001-999	4
---	MS20002C4	. WASHER	001-999	4
91A	AN960P0416	. WASHER	001-999	AR
---	126372-3-1	. PNEUMATIC ACTUATOR (99193) (Series 1, 2, & 4 are oil filled. Series 3, 5, 6 & 7 grease packed.)	001-027 030-036 038-043	1 1 1
92	126372-4-1	. PNEUMATIC ACTUATOR (99193) (Series 1 through 5 are grease packed).	001-999	1
---	3230113-3	. NULLING CABLE	001-216	1
93	3233965-1	. NULLING CABLE (Preferred replacement for 3230113-3 by using Service Change SC-F20-002)	001-999	1
---	3230137-1	. . CURSOR (On Gearbox)	001-216	1
93A	3233613-1	. . CURSOR (Preferred replacement for 323013-1 by using Service Change SC-F20-002)	001-999	1

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

FIG. INDEX	PART NUMBER	NOMENCLATURE	USABLE ON	QUANTITY PER ASSEMBLY
2-2	---	SHOULDER SCREW (Must be used with 3230137-1)	001-216	2
	---	SHOULDER SCREW (Must be used with 3233613-1)	001-999	2
		ATTACHING PARTS		
94	NAS679-C3	NUT	001-999	3
95	AN960PDIOL	WASHER	001-999	3
96	MS35207-261	SCREW	001-999	3
97	MS21919WH6	CLAMP	001-999	3
98	AN4-6A	BOLT	001-999	1
99	AN960-416	WASHER	001-999	AR
100	NAS1351-4-10P	SCREW	001-999	1
101	AN960-416L	WASHER	001-999	1
102	AN3C3A	BOLT	001-999	1
103	AN960CHOL	WASHER	001-999	1
104	AN4-6A	BOLT	001-999	1
105	AN960-416	WASHER	001-999	1
---	NAS1291C4M	NUT (Right-Hand Thrust Reverser Only)	001-999	1
---	NAS1352C08H8	SCREW (Air Inlet Line to Actuator)(Refer to Figure 2-8 for complete hardware listing)	001-999	4
---	PAP223963	GEAR BOX, Spur (99193)	001	1
106	121578-1-1	GEAR BOX, Spur (99193)	002-999	1
		ATTACHING PARTS		
---	3230719-1	SHAFT DRIVE (Gear Box to Pneumatic Actuator) (99193)	001-999	1
---	AN3C3A	BOLT	001-999	4
---	58157N487-016	WASHER	001-999	4
107	232-20359-3	LATCH, Pneumatic	001-233	2
107A	232-20359-5	LATCH, Pneumatic (Preferred replacement for 232-20359-3 but must be used with switch P/N 232-20400-1) *1	234-999	2
---	232-20359-6	LATCH, Pneumatic (Preferred replacement for 232-20359-5 but must be used with switch P/N 232-20400-1) *1	234-999	2
---	45-8002-1	LATCH, Pneumatic (Alternate for 232-20359-5 and -6. Switch bracket 232-20401-1 is already installed on latch.)	234-999	2
---	45-8002-7	LATCH, Pneumatic (Alternate for 232-20359-5 and -6. Switch bracket 232-20401-1 is already installed on latch.)	234-999	2
---	MS21209-FI-10	INSERT	001-999	3
---	232-20401-1	BRACKET (Stainless)	234-999	2
---	232-20401-2	BRACKET (Aluminum) (Preferred replacement for 232-2041-1)	234-999	2
		ATTACHING PARTS		
108	NAS1351-3LE8P	CAP SCREW	001-999	6
---	NAS1351-3LE9P	CAP SCREW (Alternate)	001-999	6
---	NAS1351-3LEI0P	CAP SCREW (Alternate)	001-999	6
109	AN960PD10L	WASHER	001-999	AR
---	NAS1190-02P18W	SCREW (232-20356 Switch Assembly Attach Hardware)	001-999	4
---	NAS1291X02	NUT (232-20356 Switch Assembly Attach Hardware)	001-999	4
---	MS35333-35	WASHER (232-20356 Switch Assembly Attach Hardware)	001-999	8

78-31-20

March 1, 1995

Page 19

**ILLUSTRATED PARTS CATALOG
PART NO. 232-20000**

FIG.INDEX	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USABLE ON	QUANTITY PER ASSEMBLY
2-2 ---	232-20284-1	. GUIDE ASSEMBLY, Beam Alignment- Inboard (24210)	001-999	1
110	232-20284-3	. . GUIDE (24210)	001-999	1
111	232-20284-5	. . SHIM (24210)	001-999	1
---	232-20290-1	. GUIDE ASSEMBLY, Beam Alignment- Outboard (24210)	001-999	1
---	232-20290-3	. . GUIDE (24210)	001-999	1
---	232-20290-5	. . SHIM (24210)	001-999	1
		ATTACHING PARTS		
112	MS21043-3	. NUT	001-999	4
113	AN960PD10L	. WASHER	001-999	4
114	NAS1351C3-H10	. SCREW	001-999	4
115	232-20406	. WIRE HARNESS, Aft Nacelle (See Figure 2-7 for Details) (24210)	001-999	1
116	232-20101-501	. AFT NACELLE, Left-Hand Modified (24210)	001-999	1
---	232-20101-502	. AFT NACELLE, Right-Hand Modified (24210)	001-999	1
117	3230135-1	. BEARING, Steel (Obsolete)	001-216	4
---	3233190-2	. BEARING, Vespel (Supersedes 3230135-1, Ref. Service Change SC-F20-002) (99193)	001-999	4
*1	Preferred replacement on Serial Numbers 001-233 but Service Change SC-F20-004A must be incorporated.			
*2	Do not mix different series - install as sets only.			
*3	Pinion Gear Box 121468-3-1, Series 1 or 2 may be modified for use with 3233965-1 Null Cable per Service Change SC-F20-002.			

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

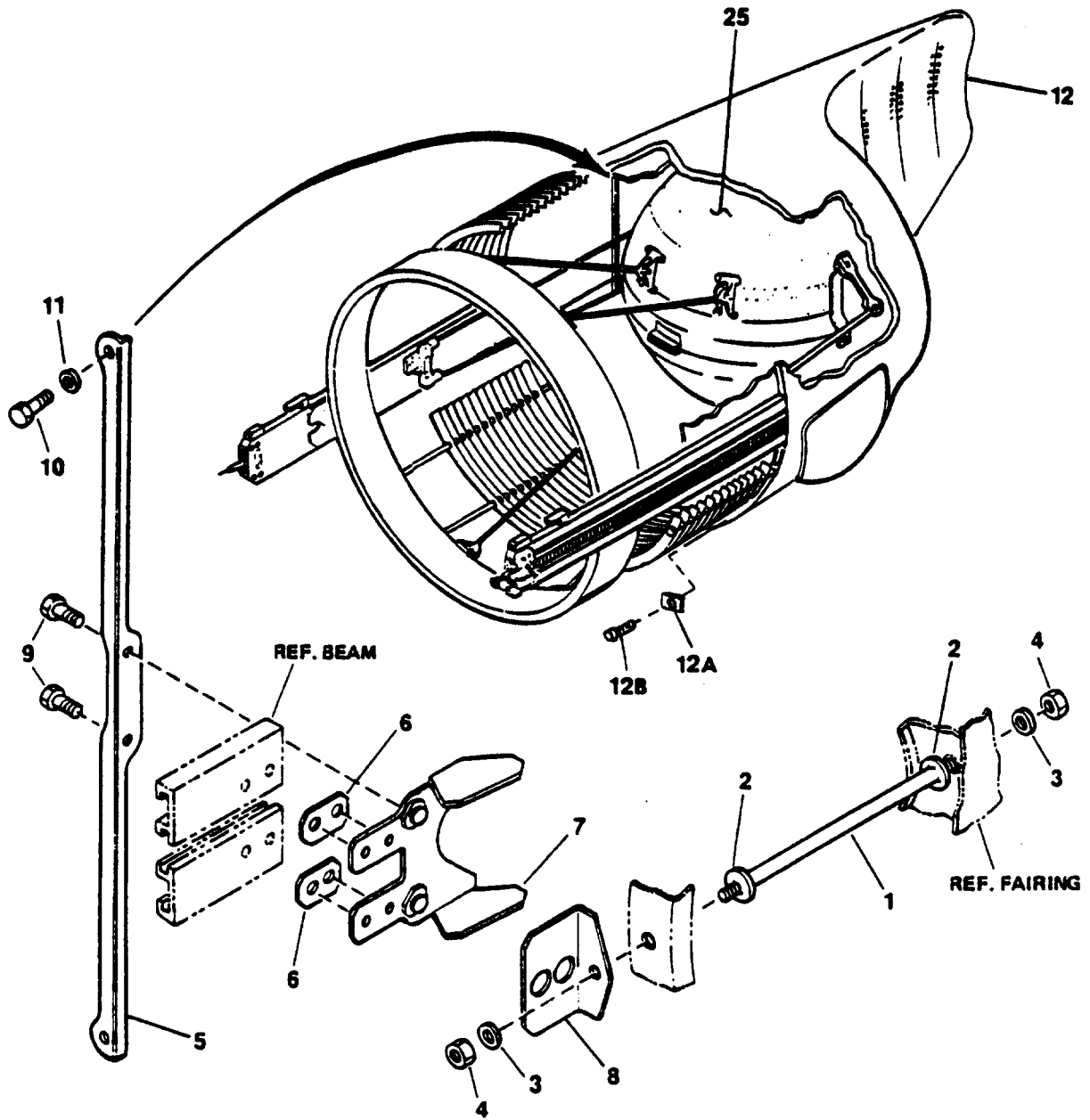


FIGURE 2-3, SHEET 1 OF 3
TRANSLATING STRUCTURE INSTALLATION

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

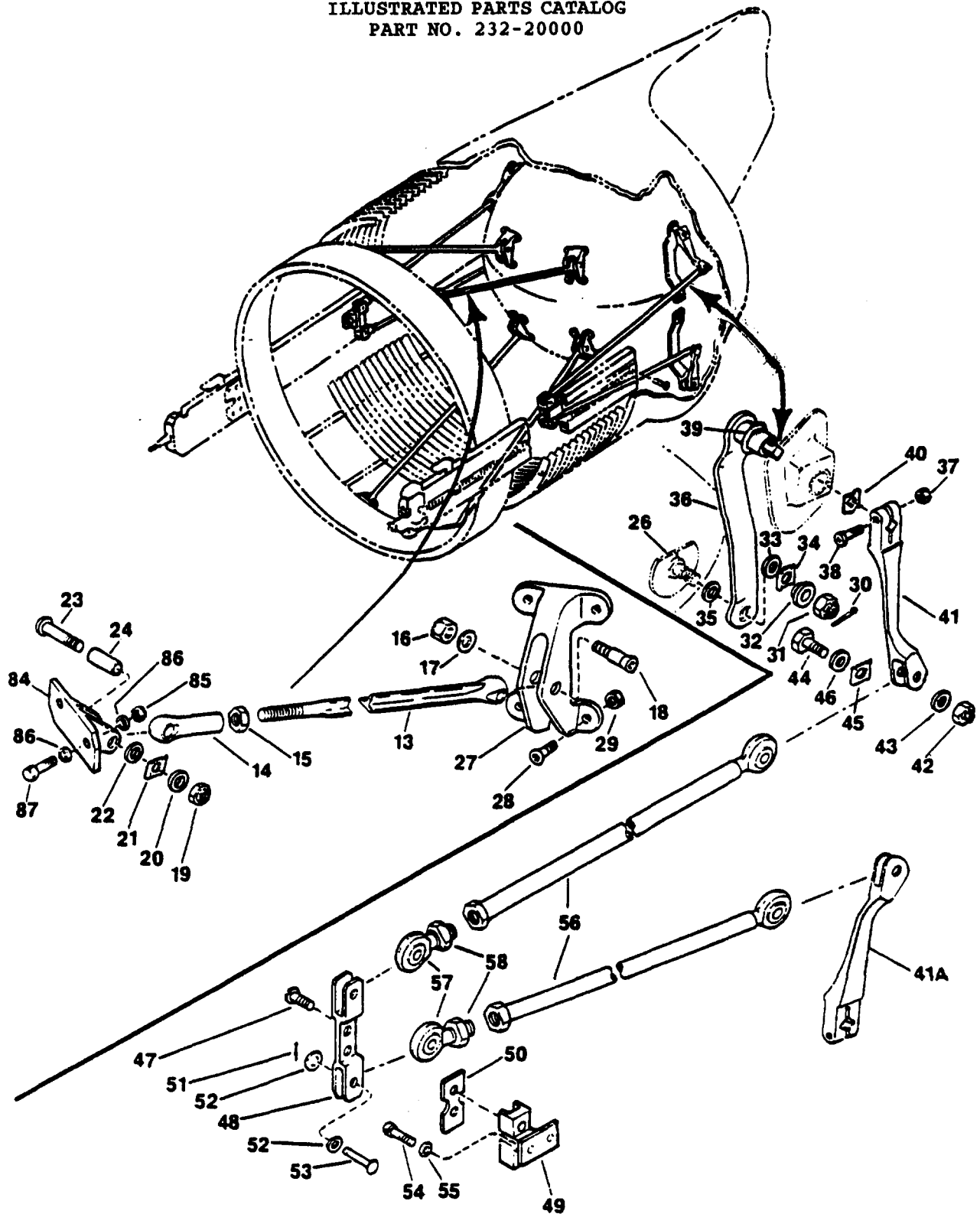


FIGURE 2-3, SHEET 2 OF 3
TRANSLATING STRUCTURE INSTALLATION

78-31-20
March 1, 1995
Page 22

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

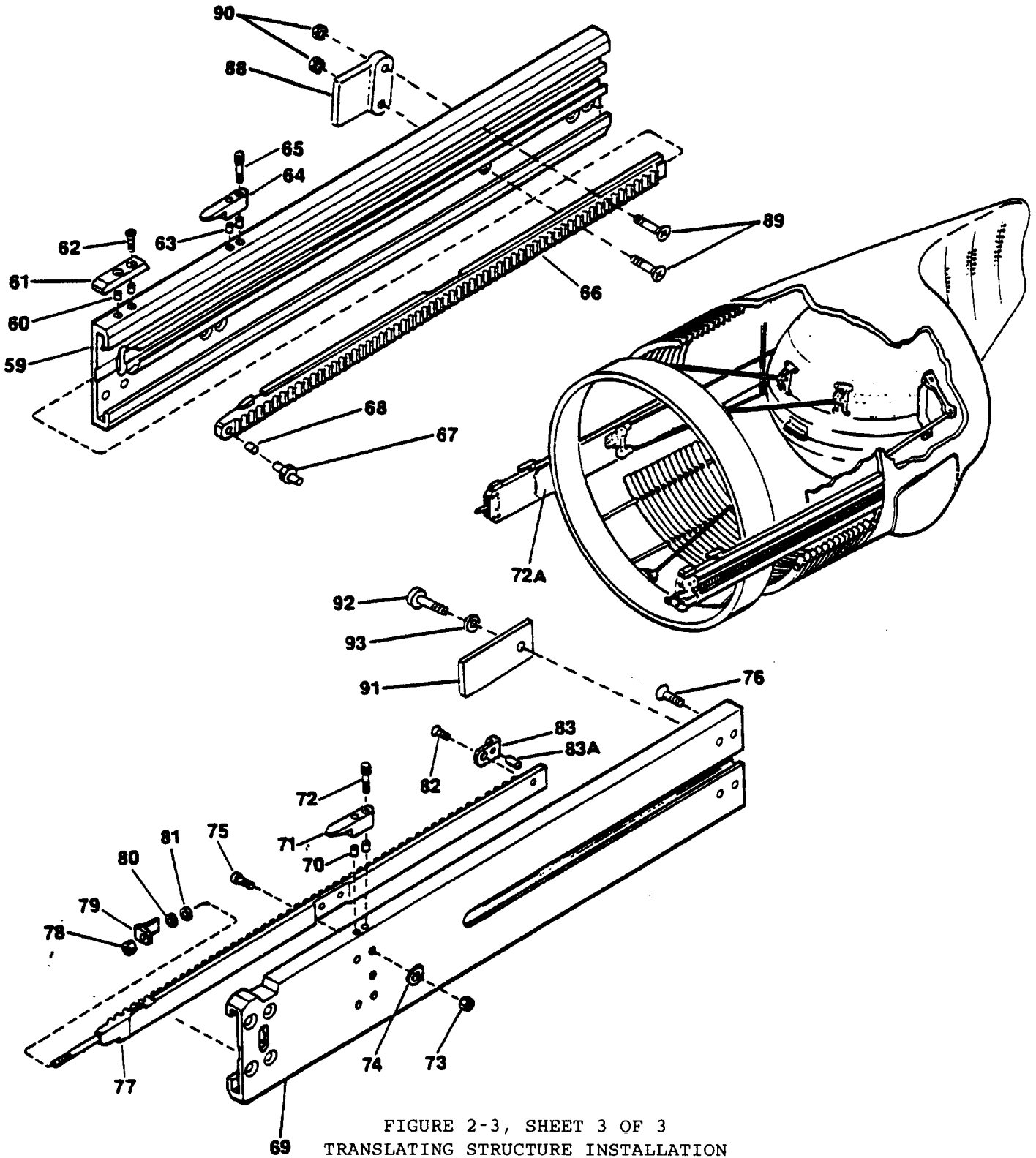


FIGURE 2-3, SHEET 3 OF 3
TRANSLATING STRUCTURE INSTALLATION

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

FIG. INDEX	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USABLE ON	QUANTITY PER ASSEMBLY
2-3	232-20250-501	TRANSLATING STRUCTURE INSTALLATION	001	1
---	232-20250-503	TRANSLATING STRUCTURE INSTALLATION	002-027, 030-036, 038-043	1 1 1
---	232-20250-505	TRANSLATING STRUCTURE INSTALLATION (24210)	028-029, 037, 044-999	1 1 1
		NOTE Part Numbers 232-20250-503 and -505 are interchangeable. 232-20250-505 is preferred.		
-1	232-20265-1	. LONGERON ASSEMBLY - Tail Pipe to Fairing Attachment (24210) ATTACHING PARTS	001-999	1
-2	232-20159-5	. WASHER	001-999	1
-3	AN960CI0L	. WASHER	001-999	AR
-4	MS21043-3	. NUT	001-999	2
---	232-20264-1	. ANGLE ASSEMBLY - Tail Pipe to Fairing Attachment (24210)	001-999	1
---	232-20264-3	. . ANGLE (24210)	001-999	1
---	NAS1068C3	. . NUTPLATE	001-999	2
-6	232-20261-3	. SHIM	001-999	4
-7	232-20176-501	. MOUNT PLATE, BEAM RACK - INBOARD	001-999	1
---	232-20177-501	. MOUNT PLATE, BEAM RACK - OUTBOARD	001-999	1
-8	232-20276-1	. BRACKET-INBOARD	001-999	1
---	232-20275-1	. BRACKET-OUTBOARD ATTACHING PARTS	001-999	1
-9	AN3C-3A	. BOLT	001-999	2
10	NAS1351C3-8	. SCREW	001-999	2
11	AN960CI0L	. WASHER	001-999	2
12	232-20186-1	. FAIRING MODIFICATION - Nacelle Trailing Edge (24210)	001-999	1
---	232-20269-501	. . BLISTER, Upper Left Hand & Lower Right Hand	001-999	1
---	232-23200-918	. . SPACER/DOUBLER	001-999	AR
---	232-20269-502	. . BLISTER, Lower Left Hand & Upper Right Hand	001-999	1
---	234-23200-918	. . SPACER/DOUBLER ATTACHING PARTS	001-999	AR
---	MS20426AD4-5	. . RIVET	001-999	32
---	NAS1739E4-2	. . RIVET (Cherrylock CR2238-4-2)	001-999	14
---	232-20186-23	. . SKIN, Titanium - 0.020 (MIL-T-9046 TYPE 1 COMP. B)	001-999	1
---	NAS1738M4-1	. . RIVET	001-999	8
---	NAS1738M4-2	. . RIVET	001-999	63
---	NAS1739M4-2	. . RIVET	001-999	252
12A	232-20186-47	. . SHIM, Alignment (24210)	001-999	AR
---	NAS1068C3	. . NUTPLATE ATTACHING PARTS	001-999	4
---	NAS1351C-3-10	. SCREW	001-999	4
12B	NAS1351C-3-12	. SCREW	001-999	4
---	NAS1351C-3-14	. SCREW (Use with 232-20186-47)	001-999	4
---	232-20235-506	. TENSION LINK ASSEMBLY - Blocker Door, Upper Left and Lower Right on both Reversers (24210)	001-999	2

78-31-20

March 1, 1995

Page 24

**ILLUSTRATED PARTS CATALOG
PART NO. 232-20000**

FIG. INDEX	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USABLE ON	QUANTITY PER ASSEMBLY
2-3	---	232-20235-508	. TENSION LINK ASSEMBLY - Blocker Door, Upper Left and Lower Right on both Reversers (Optional Configuration)(24210)	038-079 2 001-999 1
13	232-20235-14	. . LINK (24210)	038-079 1 001-999 1	
---	232-20235-20	. . LINK (Optional Configuration) (24210)	038-079 1 001-999 1	
14	232-20235-17	. ROD END (24210)	001-999 1	
---	NAS679C4	. . NUT	001-105 1	
15	MS9361-10	. . NUT	106-999 1	
---	232-20235-505	. TENSION LINK ASSEMBLY - Blocker Door, Upper Right & Lower Left on Both Reversers (24210)	001-999 2	
---	232-20235-507	. TENSION LINK ASSEMBLY - Blocker Door, Upper Right & Lower (Optional Configuration) (24210)	038-079 2 001-999 1	
---	232-20235-13	. . LINK (24210)	038-079 1 001-999 1	
---	232-20235-19	. . LINK (Optional Configuration) (24210)	038-079 1 001-999 1	
---	232-20235-17	. . ROD END (24210)	001-999 1	
---	NAS679C4	. . NUT	001-105 1	
---	S9361-10	. . NUT	106-999 1	
16	MS21043-3	. NUT	001-999 4	
17	AN960CI0L	. WASHER	001-999 4	
18	232-20268-503	. BOLT (24210)	001-999 4	
19	MS21043-3	. NUT	001-999 4	
20	AN960CI0L	. WASHER	001-999 4	
21	D6-1	. SPRING WASHER (24210)	001-999 AR	
22	NAS620C416L	. WASHER	001-999 AR	
23	NAS1143E10	. SCREW	001-999 4	
24	232-20429-1	. SPACER (24210)	001-999 4	
---	232-20202-503	. BLOCKER DOOR (Use in Paired Sets)	001-999 2	
25	232-20202-505	. BLOCKER DOOR (Use in Paired Sets - Preferred Part)	001-999 2	
---	232-20202-63	. . FITTING, Upper Right Side & Lower Left Side	001-999 1	
26	232-20202-64	. . FITTING, Lower Right Side & Upper Left Side	001-999 1	
27	NAS1200-4-4	. . RIVET	001-999 8	
---	232-20219-503	. . CLEVIS FITTING, Upper Left Side & Lower Right Side	001-999 2	
---	232-20219-504	. . CLEVIS FITTING, Upper Right Side & Lower Left Side	001-999 2	
28	HL48-6-3	. . ATTACHING PARTS HI-LOK (92215)	001-999 16	
29	MS21043-3	. . NUT	001-999 16	
30	MS24665-153	. . ATTACHING PARTS COTTER KEY	001-999 4	
31	MS9359-10	. NUT	001-999 4	
32	232-20426-1	. BUSHING (24210)	001-999 4	
33	AN960XC616	. WASHER (Use With 232-20258-511 & -512) (24210) *1	217-999 4	
34	D6-4	. SPRING WASHER	001-999 4	
35	NAS620C416L	. WASHER	001-999 4	

International Aerotech Academy For Training use Only

**ILLUSTRATED PARTS CATALOG
PART NO. 232-20000**

FIG. INDEX	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USABLE ON	QUANTITY PER ASSEMBLY
2-3 ---	232-20258-501	LEVER ARM ASSEMBLY, L.H. Reverser - Upper Outboard and Lower Inboard, R.H. Reverser - Opposite (Superseded by 232-20258-511 for Future Procurement)	001-149	2
---	232-20258-502	LEVER ARM ASSEMBLY, L.H. Reverser - Lower Outboard and Upper Inboard, R.H. Reverser - Opposite (Superseded by 232-20258-512 for future Procurement)	001-149	2
---	32-20258-503	LEVER ARM ASSEMBLY, L.H. Reverser - Upper Outboard and Lower Inboard, R.H. Reverser - Opposite (Superseded by 232-20258-511 for Future Procurement)	150-158	2
---	232-20258-504	LEVER ARM ASSEMBLY, L.H. Reverser - Lower Outboard and Upper Inboard, R.H. Reverser - Opposite (Superseded by 232-20258-512 for Future Procurement)	150-158	2
---	232-20258-505	LEVER ARM ASSEMBLY, L.H. Reverser - Upper Outboard and Lower Inboard, R.H. Reverser - Opposite (Superseded by 232-20258-511 for Future Procurement)	159-168	2
---	232-20258-506	LEVER ARM ASSEMBLY, L.H. Reverser - Lower Outboard and Upper Inboard, R.H. Reverser - Opposite (Superseded by 232-20258-512 for Future Procurement)	159-168	2
---	232-20258-507	LEVER ARM ASSEMBLY, L.H. Reverser - Upper Outboard and Lower Inboard, R.H. Reverser - Opposite (Superseded by 232-20258-511 for Future Procurement)	169-205	2
---	232-20258-508	LEVER ARM ASSEMBLY, L.H. Reverser - Lower Outboard and Upper Inboard, R.H. Reverser - Opposite (Superseded by 232-20258-512 for Future Procurement)	169-205 2	
---	232-20258-509	LEVER ARM ASSEMBLY, L. H. Reverser - Upper Outboard and Lower Inboard, R.H. Reverser - Opposite (24210)	206-216 2	
---	232-20258-510	LEVER ARM ASSEMBLY, L. H. Reverser - Lower Outboard and Upper Inboard, R. H. Reverser - Opposite (24210)	206-216 2	
36	232-20258-511	LEVER ARM ASSEMBLY, L. H. Reverser - Upper Outboard and Lower Inboard, R. H. Reverser - Opposite (24210) *1	217-999 2	

78-31-20

March 1, 1995

Page 26

**ILLUSTRATED PARTS CATALOG
PART NO. 232-20000**

FIG. INDEX	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USABLE ON	QUANTITY PER ASSEMBLY	
2-3	---	232-20258-512	. LEVER ARM ASSEMBLY, L. H. Reverser - Lower Outboard and Upper Inboard, R. H. Reverser - Opposite (24210) *1	217-999	2
	---	232-20258-513	. LEVER ARM ASSEMBLY, L. H. Reverser - Lower Outboard and Upper Inboard, R. H. Reverser - Opposite (24210) *4	001-999	2
	---	232-20258-514	. LEVER ARM ASSEMBLY, L. H. Reverser - Lower Outboard and Upper Inboard, R. H. Reverser - Opposite (24210) *4	001-999	2
		ATTACHING PARTS			
37	MS21043-4	. NUT	001-999	4	
38	232-20451-1	. BOLT (24210)	001-999	4	
---	232-20250-3	. SPACER (Use with 232-20258-501, -502, -503 and -504) (24210)	001-158	4	
---	232-20250-15	. SPACER (Use with 232-20258-505 and -506) (24210)	159-205	4	
---	232-20250-17	. SPACER (Use with 232-20258-509 and -510) (24210)	206-216	4	
39	232-20258-41	. SPACER (Use with 232-20258-511, -512, -513 & -514) (24210) *1	217-999	4	
40	232-20250-13	. SPRING WASHER	001-999	4	

41	232-20257-1	. LEVER, L.H. Reverser - Upper Outboard and Lower Inboard, R.H. Reverser - Opposite	001-999	2	
41A	232-20257-2	. LEVER, L.H. Reverser - Lower Outboard and Upper Inboard, R.H. Reverser - Opposite	001-999	2	
---	232-20257-5	. LEVER, Reverser *4	001-999	4	
		ATTACHING PARTS			
42	MS21043-3	. NUT	001-999	4	
43	AN960CI0L	. WASHER	001-999	4	
44	232-20268-501	. BOLT (24210)	001-999	4	
45	D6-1	. SPRING WASHER (24210)	001-999	AR	
46	NAS620C416L	. WASHER	001-999	4	

---	232-20212-501	. YOKE ASSEMBLY (24210)	001-999	2	
47	NAS514P1032-8	. . SCREW	001-999	2	
48	232-20213-1	. . CLEVIS (24210)	001-999	1	
49	232-20214-501	. . . BASE ASSEMBLY	001-999	1	
---	232-20214-5	. . . . BASE (24210)	001-999	1
---	232-20212-1001	. . . . BOLT (Obsolete for Future Procurement)	001-023	1
---	NAS679C3	NUT (Obsolete for Future Procurement)	001-023	1	
---	K8004-3	. . . . INSERT (15653)	001-999	2
---	K8001-3	. . . . INSERT (Optional to K8004-3 and K8002-3) (15653)	001-999	2
---	K8002-3	. . . . INSERT (Optional to K8004-3 and K8001-3) (15653)	001-999	2
50	232-20212-3	. . SHIM (24210)	001-999	4	
		ATTACHING PARTS			
51	MS24665-151	. COTTER KEY	001-999	4	
52	AN960C416L	. WASHER	001-999	4	
53	MS9464-09	. PIN	001-999	4	
---	NAS1121C1H	. BOLT (Obsolete)	001-237	4	
54	232-20463-1	. BOLT (Replaces NAS1121C1H)	001-999	4	
55	NAS620C6	. WASHER	001-999	4	

International Aerotech Academy For Training use Only

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

FIG. INDEX	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USABLE ON	QUANTITY
				PER ASSEMBLY
2-3	---	LINK ASSEMBLY, Yoke to Lever Actuation (24210)	001-999	4
56	232-20244-3	. TUBE (24210)	001-999	1
57	BRES4458	. ROD END BEARING (81376)	001-999	1
58	NAS679CS	. NUT	001-226	1
---	NAS1423-5	. NUT	227-999	1
---	232-20215-501	. BEAM ASSEMBLY, Outboard Translating (24210)	001-999	1
59	232-20215-5	. BEAM, Outboard (24210)	001-999	1
60	MS21209-C0615	. INSERT	001-999	2
61	232-20241-3	. STOP, Beam Latch (24210)	001-999	1
62	NAS514-632-6	. SCREW	001-999	2
63	MS21209-C0615	. INSERT	001-999	2
---	232-20289-3	. PIN, Beam Guide (Superseded by 232-20289-7 for Future Procurement)	001-205	1
64	232-20289-7	. PIN, Beam Guide	206-999	1
---	NAS1352C06-8	. SCREW (Obsolete)	001-226	2
65	MS16997-20	. SCREW (Replaces NAS1352C06-8, Ref. Service Change SC-F20-002)	001-999	2
---	MS9360-09	. ATTACHING PARTS NUT (Superseded by EWSN 22-3 for future procurement)	001-091	5
---	EWSN 22-3	. NUT, Flexloc	001-999	5
---	NAS1153C2	. SCREW (Superseded by 232-20448-1 for Future Procurement)	001-091	5
---	232-20448-1	. SCREW (24210)	001-999	5
---	AN960CI0L	. WASHER (Use with EWSN 22-3 and 232-20448-1)	001-999	5
---	NAS1154C5	. SCREW	001-999	4
---	232-20296-12	. RACK Assembly Outboard (24210)	001-027, 030-036, 038-043	1 1 1
---	232-20296-7	. RACK (Superseded by 121878-2 for Future Procurement) (24210)	001-027, 030-036, 038-043	1 1 1
66	121878-2	. RACK (99193)	001-999	1
67	232-20279-1	. PIN, Rack (24210)	001-999	1
68	MS21209C0615	. INSERT	001-999	1
---	232-20215-503	. BEAM ASSEMBLY, Inboard Translating (24210)	001-999	1
69	232-20215-7	. BEAM, Inboard (24210)	001-999	1
70	MS21209-C0615	. INSERT	001-999	2
---	232-20289-1	. PIN, Beam Guide (Superseded by 232-20289-5 for Future Procurement)	001-205	1
71	232-20289-5	. PIN, Beam Guide	206-999	1
---	NAS1352C06-8	. SCREW (Obsolete)	001-226	2
72	MS16997-20	. SCREW (Replaces NAS1352C06-8, Ref. Service Change SC-F20-002)	001-999	2
72A	232-20262-503	. ATTACHING PARTS FLEXURE PLATE	002-999	2
---	232-20262-501	. FLEXURE PLATE	001	2
---	HS61-4-9	. RIVET	002-999	20
---	BR-125-6-4	. RIVET (For use with 232-20250-501 only)	001	24
---	HS60-4	. COLLAR	002-999	20
---	HS60M-4	. COLLAR (Alternate to HS60-4)	002-999	20
---	MS9360-09	. NUT (Superseded by EWSN 23-3 for Future Procurement)	001-091	5

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

FIG. INDEX	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USABLE ON	QUANTITY PER ASSEMBLY	
2-3	73	EWSN 22-3	. NUT, Flexloc	001-999	5
	74	AN960CI0L	. WASHER (Use with EWSN 22-3 and 232-20448-1)	001-999	5
	75	NAS1153C2	. SCREW (Superseded by 232-20448-1 for Future Procurement)	001-091	5
	---	232-20448-1	. SCREW (24210)	001-999	5
	76	NAS1154C5	. SCREW	001-999	4
	---	NAS1154C6	. SCREW (Alternate to be used with varying thicknesses of 232-20261-3 Shim)	001-999	AR
	---	NAS1154C7	. SCREW (Alternate to be used with varying thicknesses of 232-20261-3 Shim)	001-999	AR
	---	NAS1154C8	SCREW (Alternate to be used with varying thicknesses of 232-20261-3 Shim)	001-999	AR
	---	232-20296-11	. RACK ASSEMBLY, Inboard (24210)	001-027, 030-036, 038-043	1 1 1
	---	232-20296-5	. RACK (Superseded by 121878-1 for Future Procurement) (24210)	001-027 030-036, 038-043	1 1 1
	77	121878-1	. RACK (99193)	001-999	1
	---	232-20296-3	. PIN (24210)	001-040	1
	---	MS21209C0615	. INSERT	001-999	3
	78	MS21043-04	. NUT	001-999	1
	---	232-20396-1	. ACTUATOR BRACKET (Obsolete for Future Procurement) (24210)	001-027, 030-036, 038-043	1 1 1
	---	232-20396-3	. ACTUATOR BRACKET (Obsolete for Future Procurement) (24210)	001-027, 030-036, 038-043	1 1 1
	79	232-20396-5	. ACTUATOR BRACKET (Supersedes 232-20396-1 and -3) (24210)	028, 029 037, 044-999	1 1 1
	80	NAS620-4L	ATTACHING PARTS		
	81	232-20395-1	. WASHER	001-999	AR
	82	NAS514P632-4	. SPACER (24210)	001-999	1
	---	232-20418-1	. SCREW	001-999	1
	---	232-20418-3	. STOP (24210)	001-023	1
	---	232-20418-5	. STOP (24210)	024-040	1
	83	232-20418-7	. STOP (24210)	041-089	1
	---	MS9486-50	. STOP (24210)	001-999	1
	---	MS9486-50	. PIN	001-023	1
	83A	232-20446-1	. PIN (24210)	024-040	1
	84	232-20220-1	. FITTING, L.H. Reverser, Upper Inboard and Lower Outboard - R.H. Reverser, Opposite	001-999	2
	---	232-20220-2	. FITTING, L.H. Reverser, Lower Inboard and Upper Outboard - R.H. Reverser, Opposite	001-999	2

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

FIG. INDEX	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USABLE ON	QUANTITY PER ASSEMBLY
2-3		ATTACHING PARTS		
85	MS21043-4	. NUT	001-999	8
86	NAS620C416	. WASHER	001-999	16
87	NAS1351C4-12	. SCREW	001-999	8
		- - - - -		
88	232-20459-1	. STOP *2	217-999	2
89	MS24694-C56	. . SCREW *2	217-999	4
90	NAS679-C3	. . NUT *2	217-999	4
91	232-20460-1	. STOP *3	234-999	4
92	NAS1634C10	. . BOLT *3	234-999	4
93	AN960C416	. . WASHER *3	234-999	4
---	232-20466-1	Link Lever Kit	001-999	1
<p>*1 Use as complete sets - do not mix. Preferred replacement on 001-216 for all other pieces. See Service Bulletin F20-78-30-010B.</p> <p>*2 May be added to unit Serial Numbers 001-216 by complying with Service Change SC-F20-002.</p> <p>*3 May be added to unit serial numbers 001-233 by complying with Service Change SC-F20-008.</p> <p>*4 232-20258-513-514, together with 232-20257-5, 232-20258-41 and AN960SC616 is the preferred configuration. Use as complete sets. Do not mix.</p>				

International Aerotech Academy For Training use Only

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

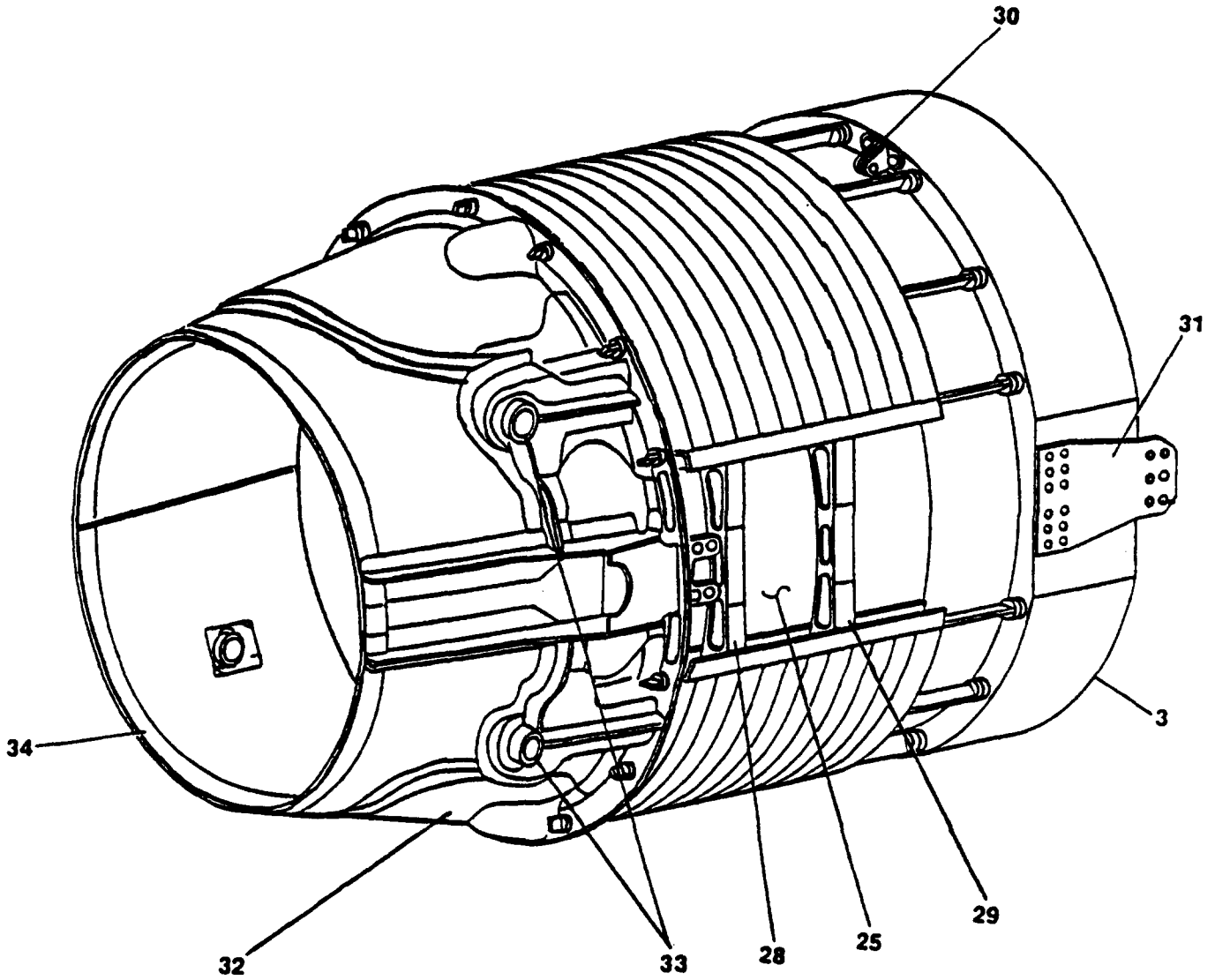


FIGURE 2-4, SHEET 1 OF 2 - CASCADE ASSEMBLY

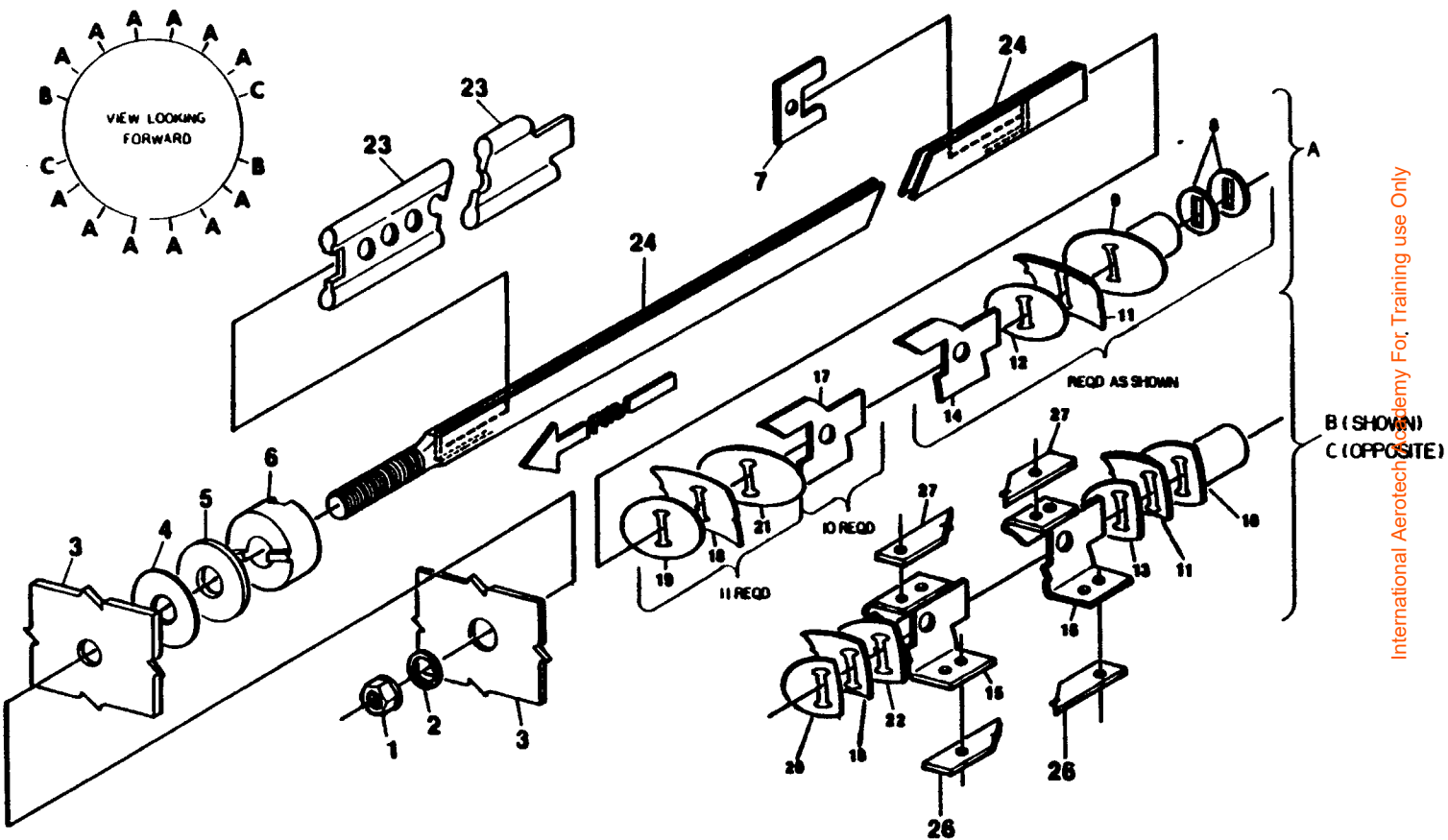


FIGURE 2-4, SHEET 2 OF 2 - CASCADE ASSEMBLY

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

FIG. INDEX	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USABLE ON	QUANTITY
				PER ASSEMBLY
2-4	232-20203-511	CASCADE ASSEMBLY	001-999	1
-1	MS21043-4	. NUT	001-999	24
-2	23-20345-1	. WASHER	001-999	48
-3	232-20240-501	. FORWARD RING (Alternate to 232-20240-503, 232-20450-1, and 232-20450-15)	001-999	1
---	232-20240-503	. FORWARD RING (Alternate to 232-20240-501, 232-20450-1, and 232-20450-15)	001-999	1
---	232-20450-1	. FORWARD RING (Alternate to 232-20240-501, 232-20240-503, and 232-20450-15)	156-999	1
---	232-20450-15	. FORWARD RING (Alternate to 232-20240-501, 232-20240-503, and 232-20450-1)	156-999	1
-4	232-20344-1	. FLAT WASHER	001-999	16
-5	232-20343-1	. SHIM WASHER	001-999	AR
-6	232-20333-1	. PIVOT SPACER	001-999	16
-7	232-20334-1	. RETAINING PIN	001-999	16
-8	232-20337-1	. STRAP WASHER	001-999	32
-9	232-20336-501	. AFT TIE FITTING ASSEMBLY	001-999	2
---	232-20336-502	. AFT TIE FITTING ASSEMBLY	001-999	2
10	232-20336-1	. AFT TIE FITTING ASSEMBLY	001-999	12
11	232-20295-1	. AFT VANE (Supervane)	001-999	1
---	232-20295-2	. AFT VANE (Opposite 232-20295-1)	001-999	1
12	232-20340-501	. SUPERVANE PAD	001-999	2
---	232-20340-502	. SUPERVANE PAD (Opposite 232-20295-1)	001-999	2
13	232-20340-1	. SUPERVANE PAD	001-999	12
14	232-20339-1	. AFT STRAIGHT SPACER	001-999	12
15	232-20328-1	. FLANGED SPACER	001-999	20
---	232-20328-2	. FLANGED SPACER (Opposite)	001-999	20
16	232-20342-1	. AFT FLANGED SPACER	001-999	2
---	232-20342-2	. AFT FLANGED SPACER (Opposite)	001-999	2
17	232-20327-1	. STRAIGHT SPACER	001-999	120
18	232-20338-501	. TURNING VANE (Upper L.H., Lower R.H.)	001-999	11
---	232-20338-503	. TURNING VANE (Lower L.H., Upper R.H.)	001-999	11
19	232-20331-501	. FORWARD PAD	001-999	22
---	232-20331-502	. FORWARD PAD (Opposite -501)	001-999	22
20	232-20331-1	. FORWARD PAD	001-999	132
21	232-20332-501	. AFT PAD	001-999	22
---	232-20332-502	. AFT PAD (Opposite -501)	001-999	22
22	232-20332-1	. AFT PAD	001-999	132
23	232-20329-1	. DUMBELL SPACER	001-999	16
24	232-20330-1	. TENSION STRAP ASSEMBLY (Preferred)	001-999	16
---	232-20430-1	. TENSION STRAP ASSEMBLY (Alternate to 232-20330-1)	001-999	16
25	232-20346-1	. BLOCKER PANEL ASSEMBLY	001-999	2
---	232-20347-501	. INBOARD TENSION FRAME ASSEMBLY	001-999	2
26	232-20348-1	. CAP STRIP	001-999	4
27	232-20348-501	. CAP STRIP	001-999	4
28	232-20349-501	. FORWARD TENSION FRAME ASSEMBLY (Outboard)	001-999	1
29	232-20351-1	. AFT TENSION FRAME ASSEMBLY (Outboard)	001-999	1
---	MS20427F4	. RIVET	001-999	AR
30	232-20220	. FITTING (See Figure 2-3, Item 84 for Details)	001-999	4
31	232-20262	. FLEXURE PLATE (See Figure 2-3, Item 72A for Details)	001-999	2
32	232-20170-501	TAILPIPE ASSEMBLY (Alternate and Interchangeable with -503, -505)	001-020	1
---	232-20170-503	TAILPIPE ASSEMBLY (Alternate and Interchangeable with -501, -505)	021-085	1
---	232-20170-505	TAILPIPE ASSEMBLY (Alternate and Interchangeable with -501, -503)	086-999	1
33	232-20260-1	. BEARING	001-999	4

78-31-20

March 1, 1995

Page 33

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

FIG. INDEX	PART NUMBER	NOMENCLATURE							USABLE ON	QUANTITY PER ASSEMBLY
		1	2	3	4	5	6	7		
2-4										
34	232-20288-1	ADAPTOR - Tailpipe (Use only with CF700-2D Engine) *1							001-999	1
---	232-20288-501	ADAPTOR - Tailpipe (Use only with CF700-2D2 Engine) *1							001-999	1
---	AF007M4	. RIVET							001-999	65
*1 Tailpipe for CF700-2C engine <u>does not</u> have adaptor.										

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

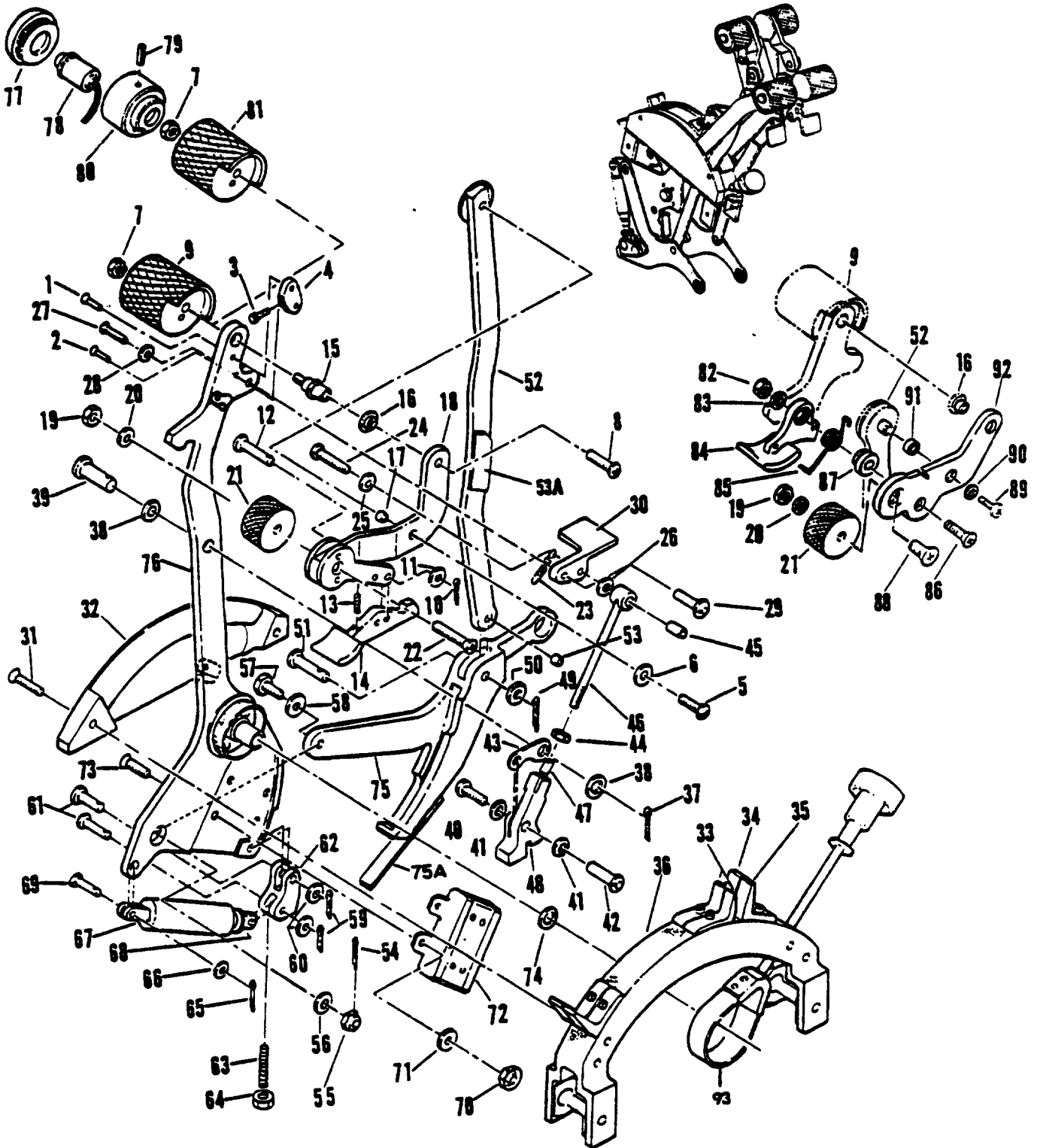


FIGURE 2-5, COCKPIT CONTROL INSTALLATION

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

FIG. INDEX	PART NUMBER	NOMENCLATURE	USABLE ON	QUANTITY PER ASSEMBLY
2-5 ---	232-20104-1	COCKPIT CONTROL INSTALLATION (Usable on aircraft not having center-mounted radar except AMD208. Superseded for Future Procurement by 232-20104-21) (80512)	001-006 008-056	1
-1	NAS1190C06P7L	. SCREW	001-999	2
-2	NAS1190C06P6L	. SCREW	001-999	2
-3	NAS1065-6-12	. STUD	001-999	2
-4	232-20353-1-	. STOP HOUSING (80512)	001-999	2
-5	NAS220C7	. SCREW	001-999	2
-6	AN960C10L	. WASHER	001-999	2
-7	NAS679C3M	. NUT	001-999	2
---	232-20159-3	. WASHER (Special) (80512)	001-999	2
-8	NAS1190-08P7W	. SCREW	001-999	2
-9	232-20104-13	. KNOB, Left Hand (80512)	001-006, 008-999	1
---	232-20104-14	. KNOB, Right Hand (80512)	001-006, 008-999	1
10	MS24665-151	. COTTER KEY	001-999	2
11	AN960PD416	. WASHER	001-999	2
12	MS20392-2C15	. PIN	001-999	2
13	MS24585C27	. SPRING	001-999	2
14	232-20133-1	. LATCH LEVER, Reverser Control - Left Hand (80512)	001-999	1
---	232-20133-2	. LATCH LEVER, Reverser Control - Right Hand (80512)	001-999	1
15	232-20137-1	. MOUNTING, Lever (80512)	001-999	2
---	232-20138-1	. REVERSER LEVER ASSEMBLY, Left Hand (80512)	001-999	1
16	FF-310-3	. . BUSHING (70417)	001-999	1
17	232-20138-7	. . BUSHING (80512)	001-999	1
18	No Number	. . SUBASSEMBLY (80512)	001-999	1
---	232-20138-3	. . . LEVER (80512)	001-999	1
---	232-20138-5	. . . GRIP (80512)	001-999	1
---	232-20138-2	. REVERSER LEVER ASSEMBLY, Right Hand (80512)	001-999	1
---	FF-310-3	. . BUSHING (70417)	001-999	1
---	232-20138-7	. . BUSHING (80512)	001-999	1
---	No Number	. . SUBASSEMBLY (80512)	001-999	1
---	232-20138-4	. . . LEVER (80512)	001-999	1
---	232-20138-5	. . . GRIP (80512)	001-999	1
19	NAS679C4M	. NUT	001-999	2
20	AN960PD416	. WASHER	001-999	2
21	232-20150-3	. KNOB (80512)	001-999	2
22	NAS1154-C8	. SCREW	001-999	2
23	232-20104-9	. SPRING (80512)	001-999	2
24	NAS1132C4	. SCREW	001-999	2
25	NAS620C8L	. WASHER	001-999	2
26	AN960PD416	. WASHER	001-999	2
27		. SCREW	001-999	2
28	AN960PD416	. WASHER	001-999	2
29		. BUSHING	001-999	2
30	232-20148-12	. LATCH LEVER (80512)	001-999	1
---	232-20148-11	. LATCH LEVER (80512)	001-999	1
31	NAS1153C5	. SCREW	001-999	2
32	232-20139-1	. PLATE, Left Side (80512)	001-999	1
---	232-20139-2	. PLATE, Right Side (80512)	001-999	1
33	232-20104-11	. STOP (80512)	001-999	2
34	232-20104-5	. STOP, Left (80512)	001-999	1
35	232-20104-6	. STOP, Right (80512)	001-999	1
36	232-20140-1	. QUADRANT, Modified (80512)	001-999	1
---	232-20140-7	. . QUADRANT (80512)	001-999	1

78-31-20

March 1, 1995

Page 36

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

FIG. INDEX	PART NUMBER	NOMENCLATURE	USABLE ON	QUANTITY
				PER ASSEMBLY
2-5 ---	232-20140-5	. . SPACER (80512)	001-999	1
---	232-20140-9	. . SHIM (80512)	001-999	1
37	MS24665-151	. COTTER KEY	001-999	2
38	AN960C416L	. WASHER	001-999	4
39	MS20392-3C11	. PIN	001-999	2
40		. SCREW	001-999	2
41	AN960P0416	. WASHER	001-999	2
42		. BUSHING	001-999	2
43	232-20151-3	. LINK (80512)	001-999	2
44	NAS671-10	. NUT	001-999	2
---	232-20147-7	. ROD ASSEMBLY (80512)	001-999	2
45	NAS1395-08L	. . INSERT	001-999	2
46	No Number	. . SUBASSEMBLY (80512)	001-999	2
---	232-20147-9	. . . ROD (80512)	001-999	1
---	232-20147-11	. . . BOSS (80512)	001-999	1
---	232-20149-11	. LATCH ASSEMBLY, Left Hand (80512)	001-999	1
47	K8900-3	. . INSERT	001-999	1
48	232-20149-13	. . LATCH, Left Hand (80512)	001-999	1
---	232-20149-12	. LATCH ASSEMBLY, Right Hand (80512)	001-999	1
---	K8900-3	. . INSERT	001-999	1
---	232-20149-14	. . LATCH, Right Hand (80512)	001-999	1
49	MS24665-151	. COTTER KEY	001-999	2
50	AN960P0416	. WASHER	001-999	2
51	MS20392-3C21	. PIN	001-999	2
52	232-20130-1	. ACTUATION LINK, Left Hand (80512)	001-999	1
---	232-20130-3	. . LEVER (80512)	001-999	1
---	232-20130-7	. . FITTING (80512)	001-999	1
53	232-20130-9	. . BUSHING (80512)	001-999	1
53A	232-20130-11	. . PAD, SOLID BRONZE	001-999	1
---	232-20130-2	. ACTUATION LINK, Right Hand (80512)	001-999	1
---	232-20130-4	. . LEVER (80512)	001-999	1
---	232-20130-7	. . FITTING (80512)	001-999	1
---	232-20130-9	. . BUSHING (80512)	001-999	1
---	232-20130-12	. . PAD, SOLID BRONZE (80512)	001-999	1
54	MS24665-151	. COTTER KEY	001-999	2
55	AN310-3	. NUT	001-999	2
56	AN960P010L	. WASHER	001-999	2
57	AN3-6	. BOLT	001-999	2
58	232-20159-5	. WASHER	001-999	2
59	MS24665-151	. COTTER KEY	001-999	4
60	AN960P010L	. WASHER	001-999	4
61	MS20392-2C15	. PIN	001-999	4
62	232-20136-1	. STOP LEVER, Left	001-999	1
---	232-20136-2	. STOP LEVER, Right	001-999	1
53	NAS1081-08A10	. SET SCREW	001-999	2
64	NAS671-8	. NUT	001-999	2
65	MS24665-151	. COTTER KEY	001-999	2
66	AN960P010L	. WASHER	001-999	2
67	232-20358	. SOLENOID (80512)	001-999	2
68	232-20104-15	. EYE BOLT (80512)	001-999	2
69	MS20392-2C11	. PIN	001-999	2
70	MS21043-08	. NUT	001-999	8
71	AN960C8	. WASHER	001-999	16
72	232-20142-501	. HOUSING ASSEMBLY (See Figure 2-6 for Details)	001-999	REF
73	NAS1152C3	. SCREW	001-999	8
74	AN960C716L	. WASHER	001-999	1
75	232-20132-1	. LEVER, Left Hand (80512)	001-999	1
---	232-20132-2	. LEVER, Right Hand (80512)	001-999	1
75A	232-20423-1	. STOP, Safety Solenoid	001-999	1
---	MS20426AD4-5	. RIVET	001-999	2

78-31-20

March 1, 1995

Page 37

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

FIG. INDEX	PART NUMBER	NOMENCLATURE	USABLE ON	QUANTITY
				PER ASSEMBLY
2-5 76	232-20131-1	. THROTTLE LEVER, Left Hand (80512)	001-999	1
---	232-20131-3	. . LEVER (80512)	001-999	1
---	232-20131-7	. . BEARING PAD (80512)	001-999	2
---	KP3AL	. . BEARING (80512)	001-999	1
---	232-20131-2	. THROTTLE LEVER, Right Hand (80512)	001-999	1
---	232-20131-4	. . LEVER (80512)	001-999	1
---	232-20131-7	. . BEARING PAD (80512)	001-999	2
---	KP3AL	. . BEARING (80512)	001-999	1
---	2912-4-1	. . TERMINAL (80512)	001-999	4
---	232-20104-17	COCKPIT CONTROL INSTALLATION (AMD208 only)	007	1
---	232-20436-1	. LEVER ASSEMBLY, Throttle (80512)	007	1
---	232-20131-1	. . LEVER (80512)	007	1
---	232-20436-3	. . CONDUIT	007	1
---	AN742D3	. . CLAMP	007	2
---	MS20426A05-4	. . RIVET	007	2
---	232-20436-2	. LEVER ASSEMBLY, Throttle (80512)	007	1
---	232-20131-2	. . LEVER	007	1
---	232-20436-4	. . CONDUIT (OPP -3)	007	1
---	AN742D3	. . CLAMP	007	2
---	MS20426A05-4	. . RIVET	007	2
77	232-20435-1	. CAP (80512)	007	2
78		. SWITCH	007	2
79	MS16562-2	. SPRING PIN	007	2
80	232-20434-1	. INSERT	007	2
81	232-20433-1	. KNOB, Left Hand (80512)	007	1
---	232-20433-2	. KNOB, Right Hand (80512)	007	1
---	232-20104-21	COCKPIT CONTROL INSTALLATION (Usable on aircraft having center-mounted radar. Supersedes 232-20104-1 for Future Procurement (80512)	001-999	1
82	NAS679C3M	. NUT	001-999	2
83	AN960PD10	. WASHER	001-999	2
84	232-20439-1	. LATCH, Reverser Control (80512)	001-999	1
---	232-20439-2	. LATCH, Reverser Control (80512)	001-999	1
85	232-20438-1	. SPRING, Latch (80512)	001-999	1
---	232-20438-2	. SPRING, Latch (80512)	001-999	1
86	NAS1153C10	. SCREW	001-999	2
87	232-20437-1	. BUSHING, Latch (80512)	001-999	2
88	NAS1154CS	. SCREW	001-999	2
89	NAS220C7	. SCREW	001-999	2
90	AN960C10L	. WASHER	001-999	2
91	232-20440-1	. LEVER, Reverser Control (80512)	001-999	1
---	232-20440-3	. .	001-999	1
---	232-20440-5	. . BUSHING	001-999	1
92	232-20440-6	. . BUSHING, Flanged (Amplex P/N FF310-3)	001-999	1
---	232-20440-2	. LEVER, Reverser Control (Opp -1)(80512)	001-999	1
---	232-20440-4	. . LEVER (Opp -3)	001-999	1
---	232-20440-5	. . BUSHING	001-999	1
---	232-20440-6	. . BUSHING, Flanged (Amplex P/N FF310-3)	001-999	1
93	232-20104-7	. FRICTION LOCK (80512)	001-999	1

78-31-20

March 1, 1995

Page 38

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

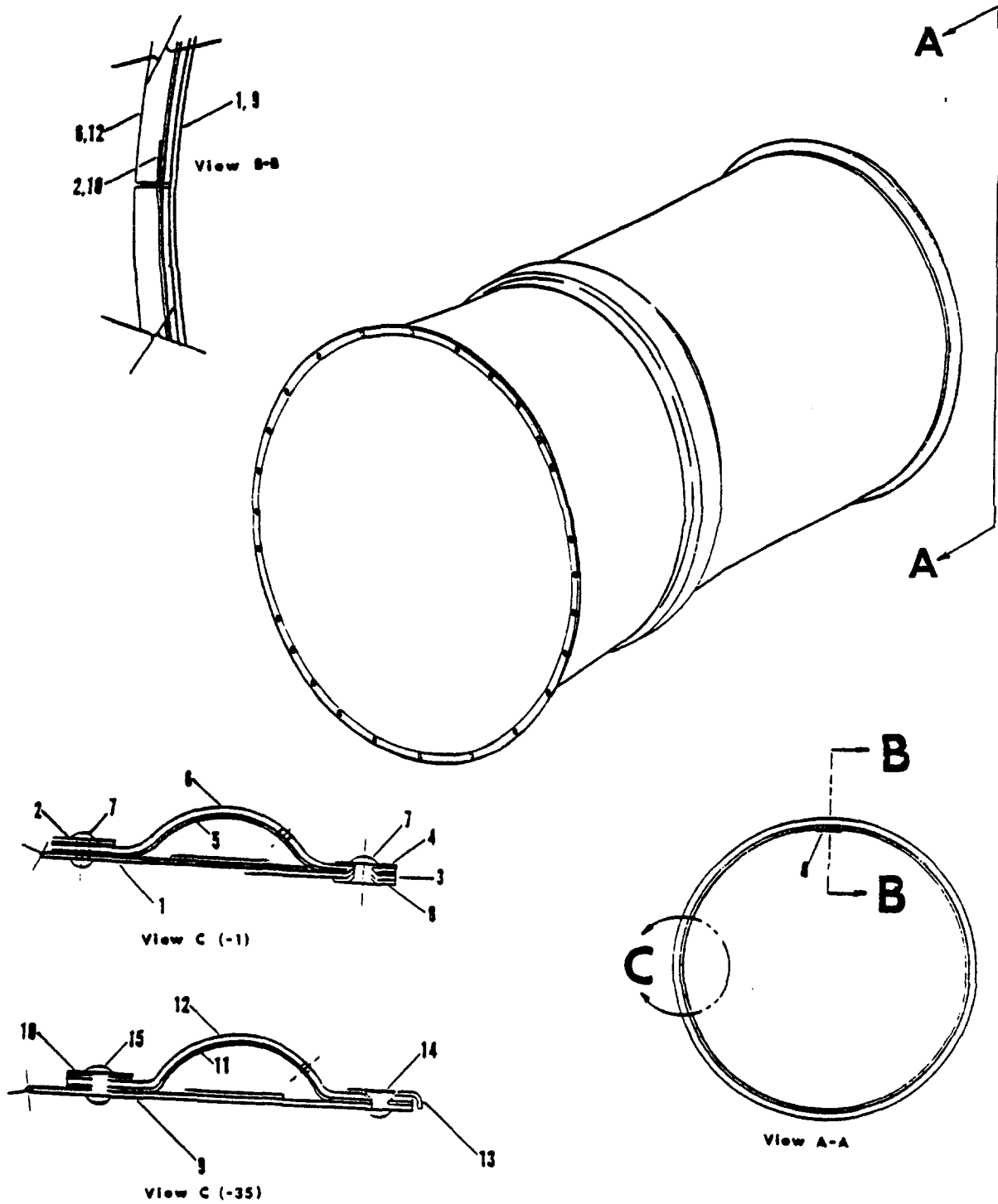


FIGURE 2-6, MODIFIED TAILPIPE ASSEMBLY

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

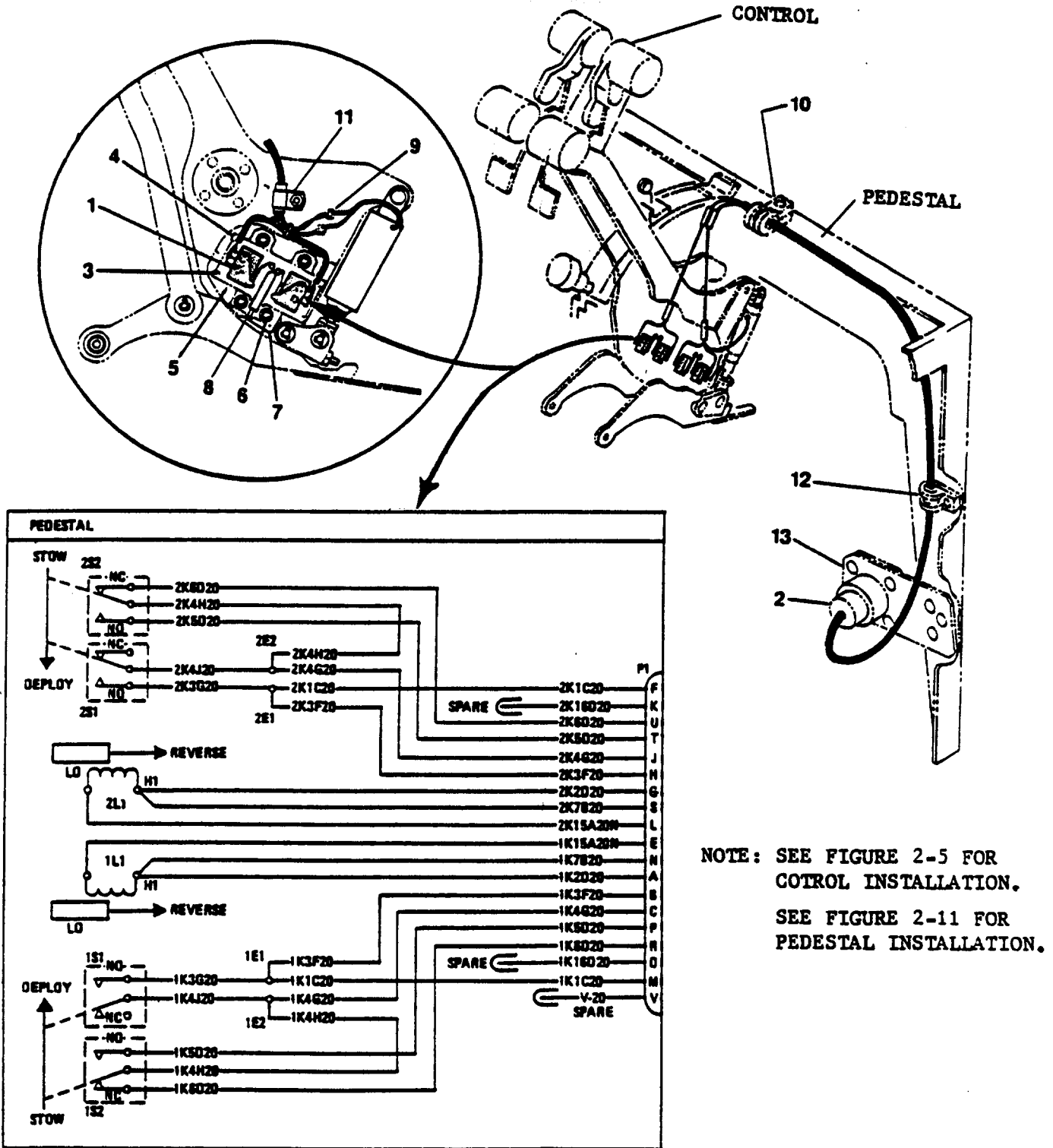
FIG. INDEX	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USABLE ON	QUANTITY
				PER ASSEMBLY
2-6 ---	232-20103-1	MODIFIED TAIL PIPE ASSEMBLY, Falcon 20 Thrust Reverser (Make from G.E. 5005T 30-P01, P11, P14, P17, P20, P23, or 6006T89-601, 602, 603, 604) (805120	001-105	1
-1	232-20103-17	. TAILPIPE, Modified (80512)	001-105	1
-2	232-20103-19	. RETAINER (80512)	001-105	1
-3	232-20103-23	. DOUBLER (80512)	001-105	1
-4	232-20103-31	. RETAINER (80512)	001-105	1
-5	232-20103-27	. SPLICE (80512)	001-105	1
-6	232-20239-1	. SEAL (80512)	001-105	1
-7	MS20613-3C	. RIVET	001-999	74
-8	232-20103-33	. SPLICE PLATE (80512)	001-105	1
---	232-20103-35	MODIFIED TAIL PIPE ASSEMBLY, Falcon 20 Thrust Reverser (Make from G.E. 5005T 30-P01, P11, P14, P17, P20, P23, or 6006T89-601, 602, 603, 604) (80512)	001-999	1
-9	232-20103-36	. TAILPIPE, Modified (80512)	001-999	1
10	232-20103-19	. RETAINER (80512)	001-999	1
11	232-20103-27	. SPLICE (80512)	001-999	1
12	232-20239-1	. SEAL (80512)	001-999	1
13	232-20103-37	. RETAINER (80512)	001-999	1
14	MS20427F3	. RIVET	001-999	37
15	MS20613-3C	. RIVET	001-999	37

78-31-20

March 1, 1995

Page 40

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000



NOTE: SEE FIGURE 2-5 FOR
CONTROL INSTALLATION.
SEE FIGURE 2-11 FOR
PEDESTAL INSTALLATION.

FIGURE 2-7, SHEET 1 OF 7
ELECTRICAL INSTALLATION (W001)

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

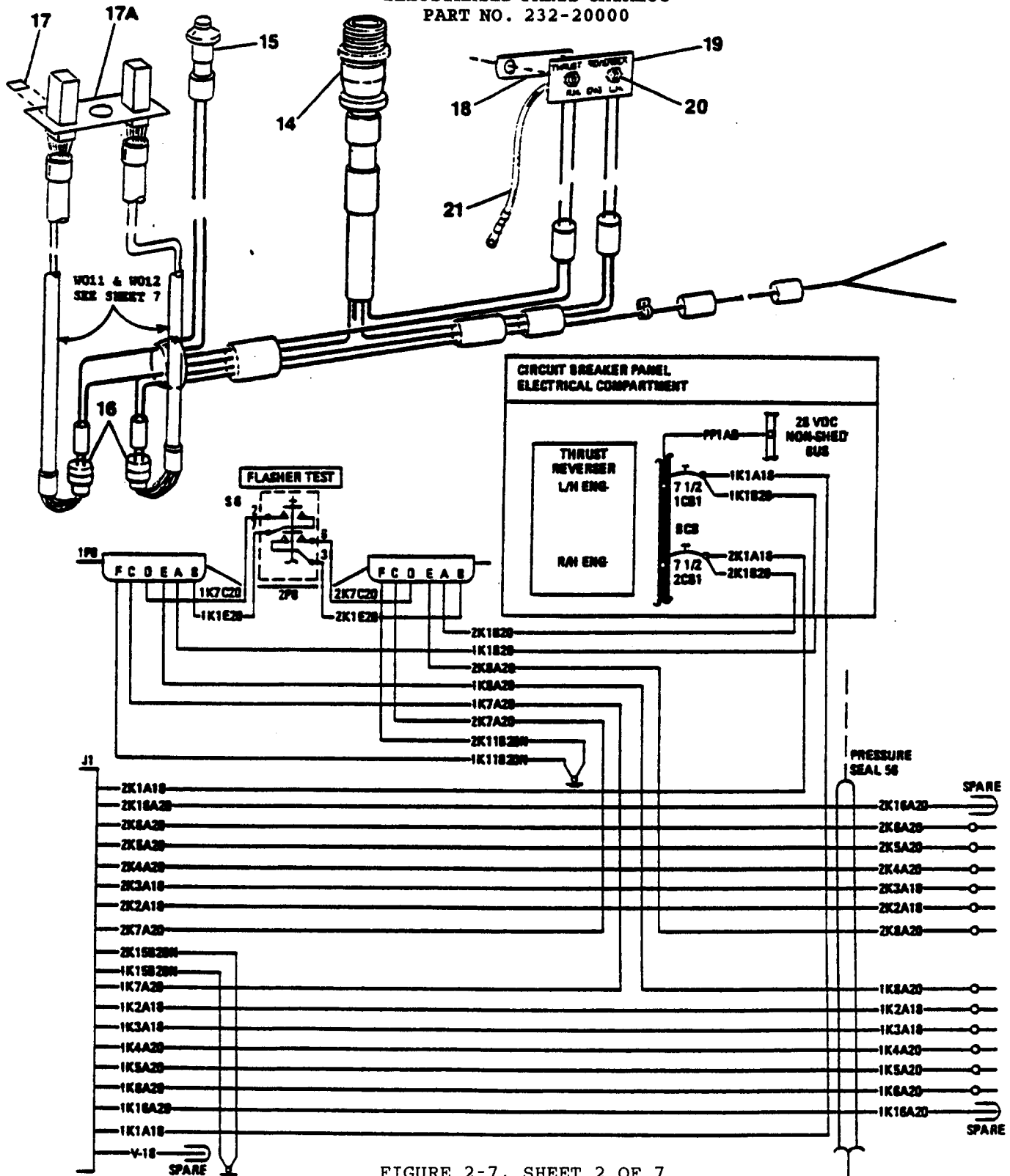


FIGURE 2-7, SHEET 2 OF 7
ELECTRICAL INSTALLATION (W002)

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

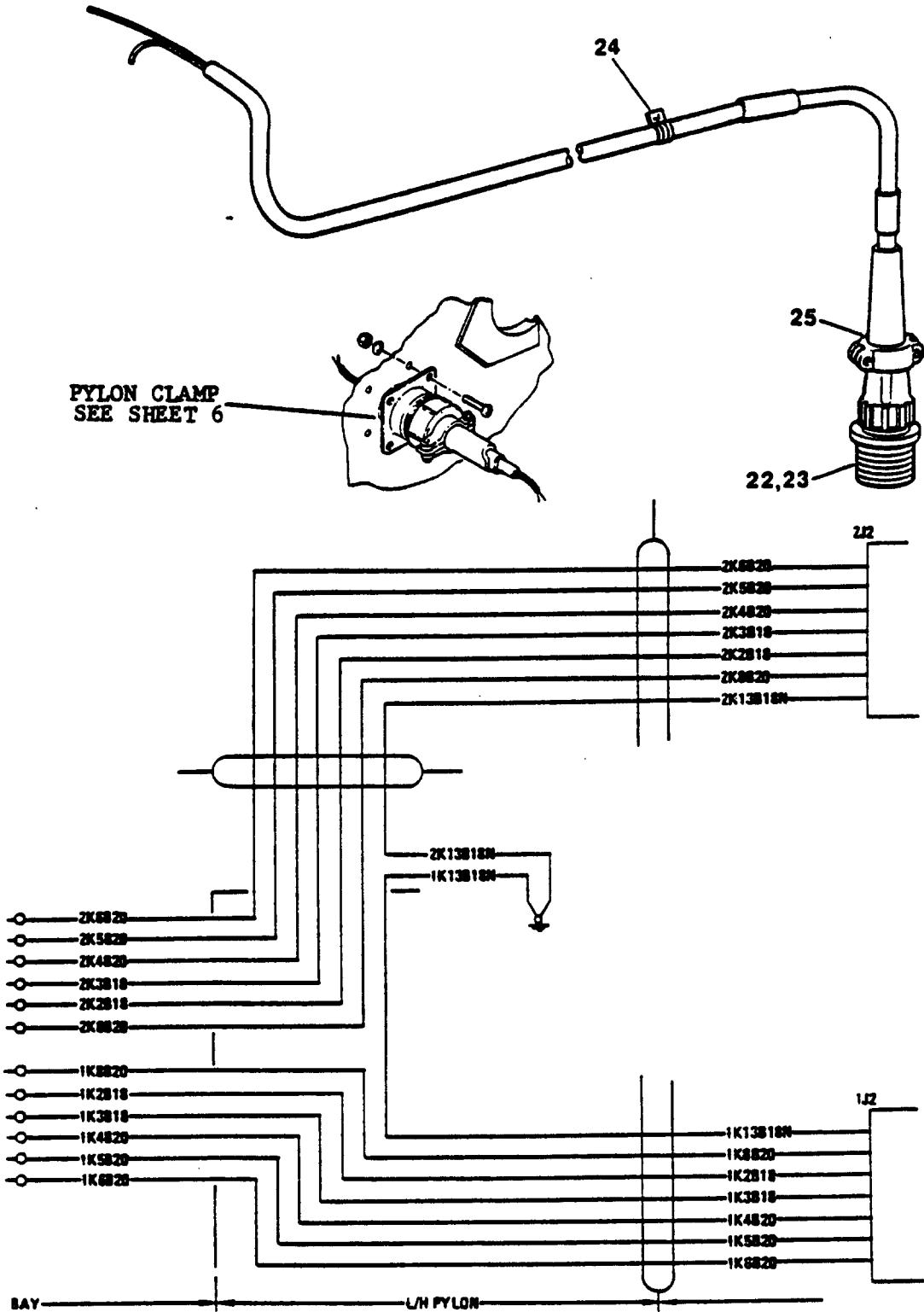


FIGURE 2-7, SHEET 3 OF 7
ELECTRICAL INSTALLATION (W003 & W004)

TEMPORARY REVISION NO. 78-9

MANUAL AFFECTED: Learjet (Aeronca) Falcon 20 Thrust Reverser Illustrated Parts Catalog

FILING INSTRUCTIONS: Insert adjacent to 78-31-20, page 44, dated March 1, 1995.

REASON: To correct error in manual.

INSTRUCTIONS: Replace the existing FIGURE 2-7, SHEET 4 OF 7, ELECTRICAL INSTALLATION (W005) with the attached FIGURE 2-7, SHEET 4 OF 7, ELECTRICAL INSTALLATION (W005).

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

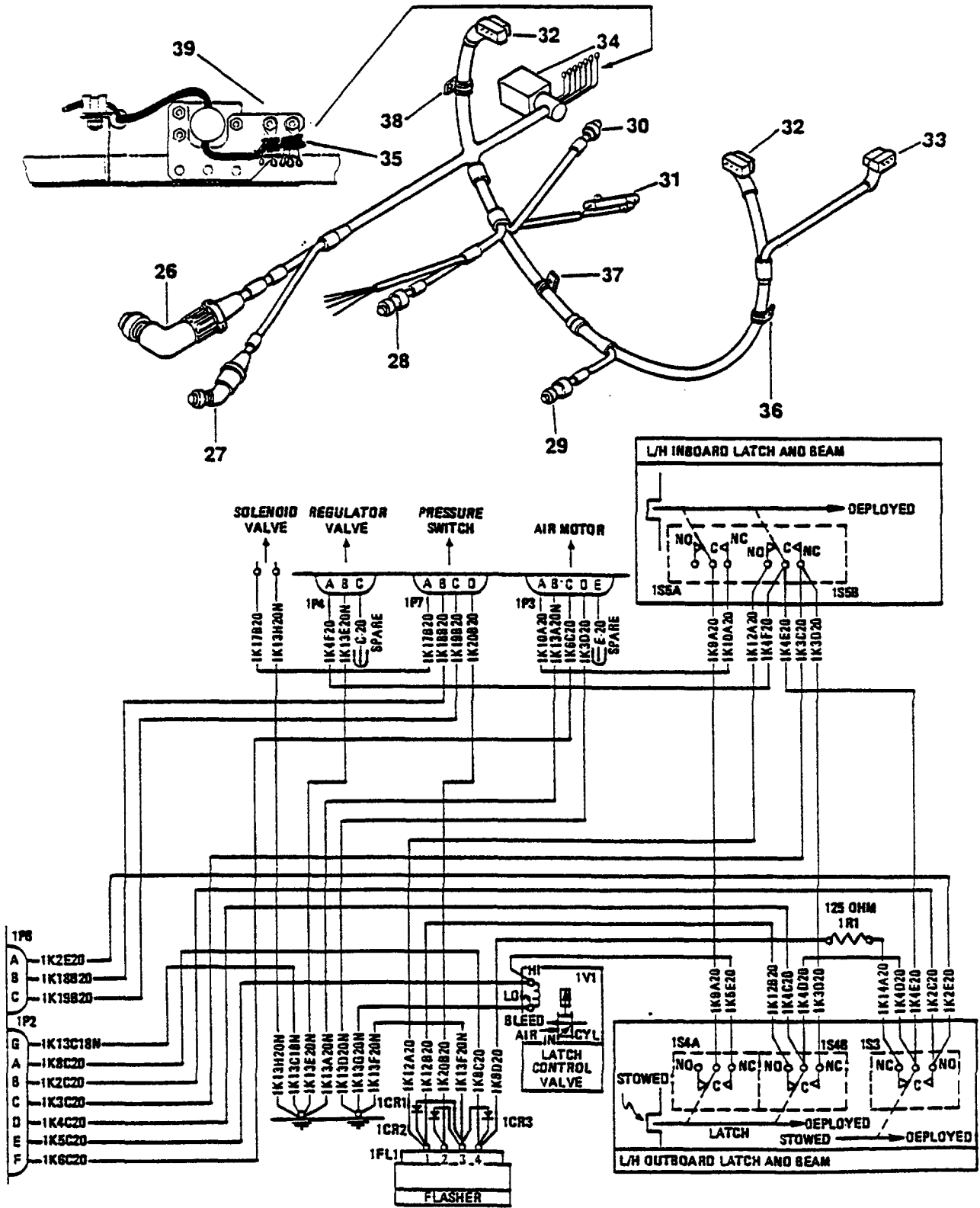
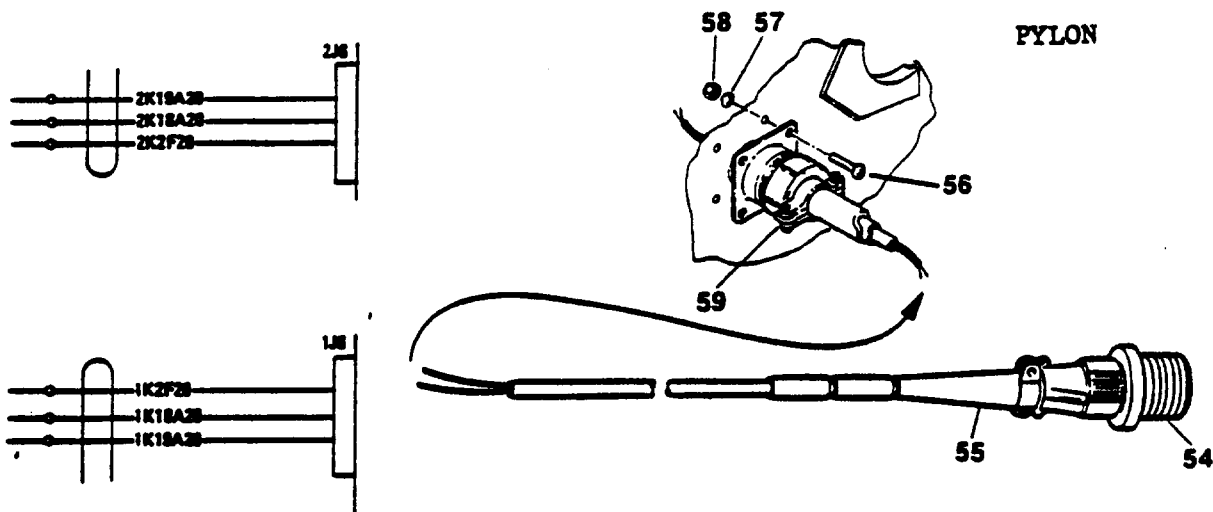
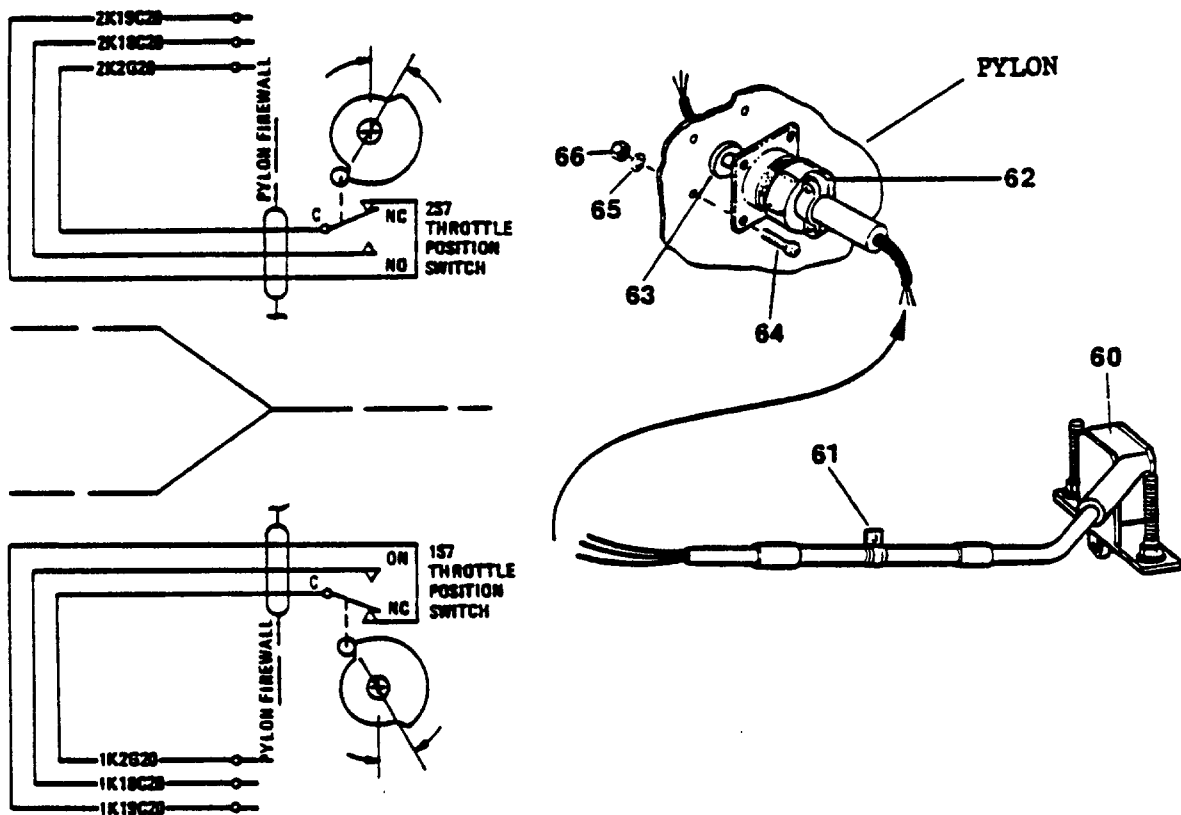


FIGURE 2-7, SHEET 4 OF 7
ELECTRICAL INSTALLATION (W005)

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000



W007 & W008



W009 & W010

FIGURE 2-7, SHEET 4 OF 7
ELECTRICAL INSTALLATION (W005)

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

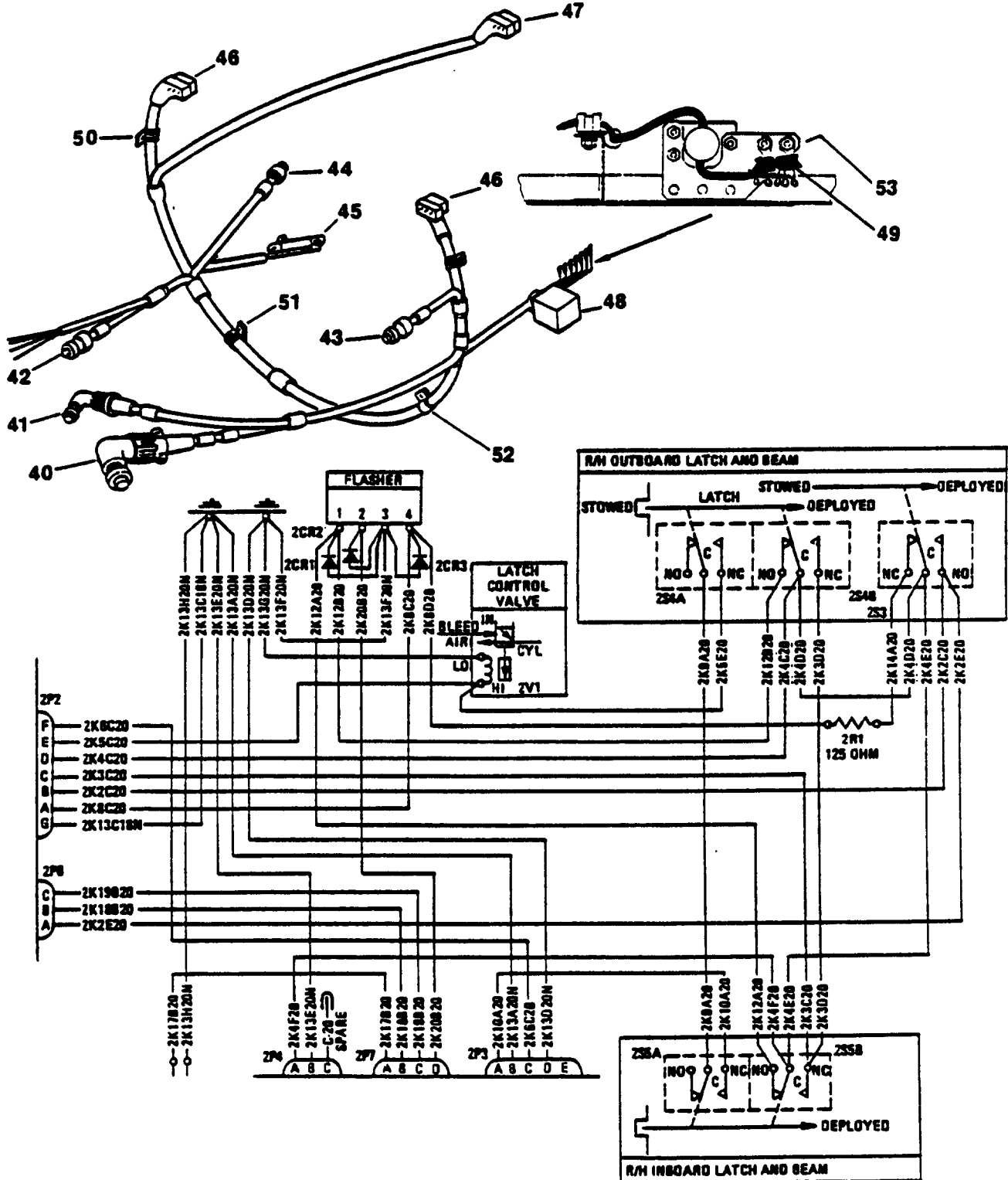
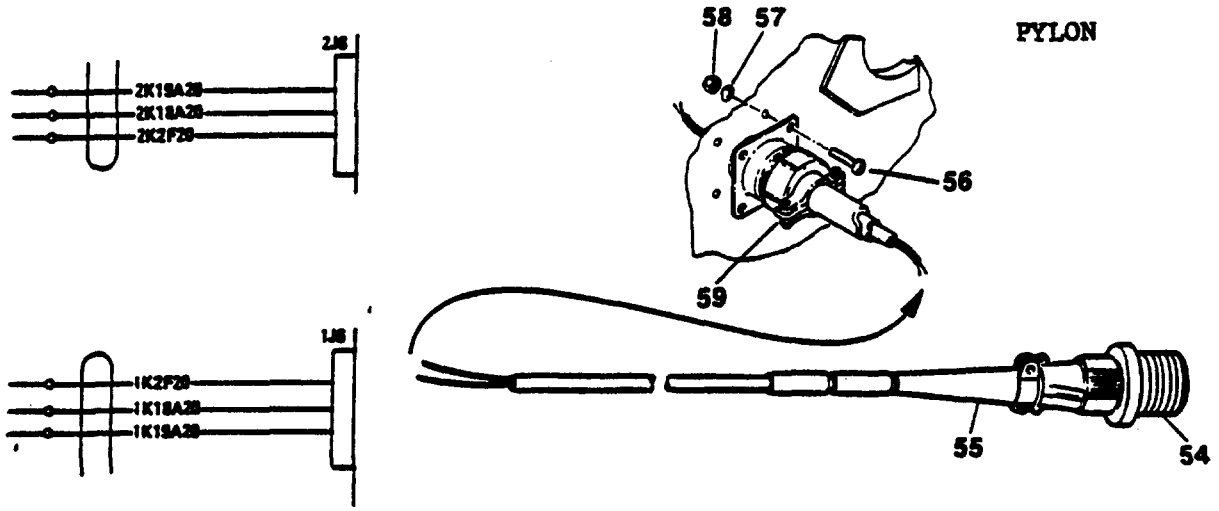
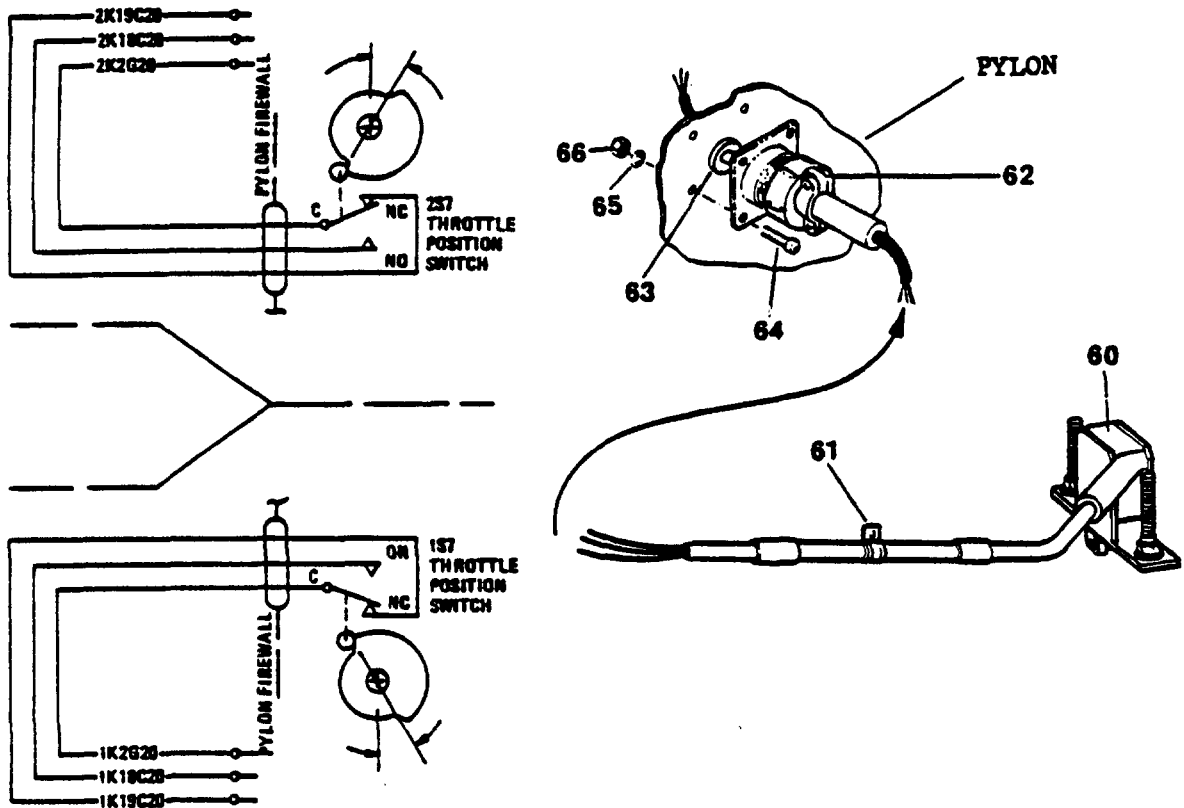


FIGURE 2-7, SHEET 5 OF 7
ELECTRICAL INSTALLATION (W006)

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000



W007 & W008



W009 & W010

FIGURE 2-7, SHEET 6 OF 7
ELECTRICAL INSTALLATION

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

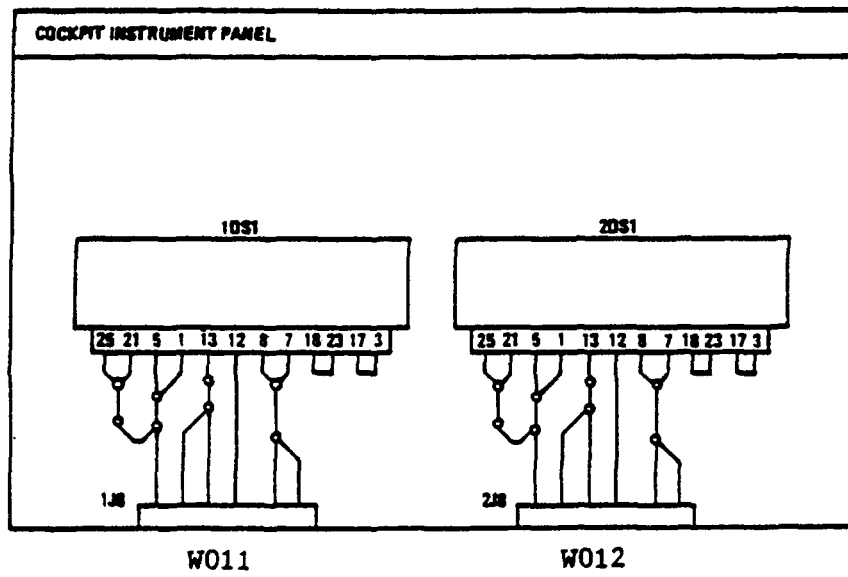
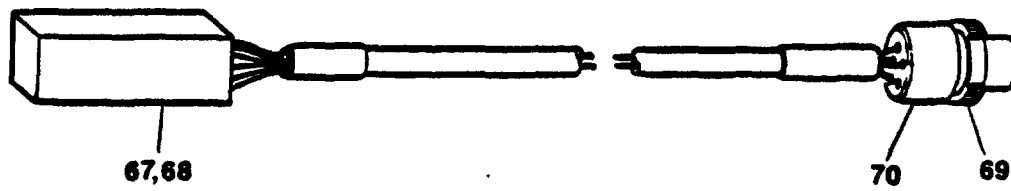


FIGURE 2-7, SHEET 7 OF 7
ELECTRICAL INSTALLATION (W011 & W012)

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

FIG. INDEX	PART NUMBER	NOMENCLATURE	USABLE ON							QUANTITY PER ASSEMBLY
			1	2	3	4	5	6	7	
2-7	232-20111-1	INSTALLATION - ELECTRICAL, Thrust Reverser (Obsolete, Superseded by 232-20411)	001-030							1
	232-20411-1	INSTALLATION - ELECTRICAL, Thrust Reverser (Supersedes 232-20111 for Future Procurement) (80512)	001-999							1
---	232-20113-1	. HARNESS ASSEMBLY, W-001 (80512) (See Sheet 1)	001-999							1
-1	232-20355	. . SWITCH (80512)	001-999							4
-2	MS106R22-14P	. . CONNECTOR	001-999							1
---	MS51957-17	. . SCREW	001-999							4
---	AN960C4	. . WASHER	001-999							4
---	NAS679C04	. . NUT	001-999							4
-3	232-20142-501	. . HOUSING, Limit Switch Assembly (80512)	001-999							2
-4	232-20143-1	. . PLATE, Top Cover (80512)	001-999							2
-5	232-20144-1	. . PLATE, Bottom Cover (80512)	001-999							2
-6	NAS662-2-9	. . SCREW	001-999							8
-7	232-20145-1	. . ARM ASSEMBLY, Right Hand (80512)	001-999							1
---	232-20145-2	. . ARM ASSEMBLY, Left Hand (80512)	001-999							1
-8	232-20146-1	. . PLUNGER ASSEMBLY (80512)	001-999							2
---	NAS1190-04T6	. . . SCREW	001-999							1
---	232-20146-3	. . . PLUNGER (80512)	001-999							1
-9	2912-4-1	. . TERMINAL, Press Fit Stand-Off (17117)	001-999							8
10	AN742D4	. CLAMP	001-999							2
---	MS20364-632	. NUT	001-999							2
---	AN960-6	. WASHER	001-999							2
---	NAS514P632-6	. SCREW	001-999							2
11	MS219190G5	. CLAMP	001-999							1
---	MS35206-245	. SCREW	001-999							1
---	AN960D8	. WASHER	001-999							2
---	NAS679C08	. NUT	001-999							1
---	MS219190G5	. CLAMP	007							2
---	MS35206-245	. SCREW	007							2
---	AN960D8	. WASHER	007							4
---	NAS679C08	. NUT	007							2
12	AN742D4	. CLAMP	001-999							2
---	MS21043-08	. NUT	001-999							2
---	AN960-8	. WASHER	001-999							2
---	NAS514P832-8	. SCREW	001-999							2
13	232-20199-1	. BRACKET - J-1 (See Figure 2-11)	001-999							REF
---	232-20114-1	. HARNESS ASSEMBLY, W-002 (80512) (See Sheet 2) *1	001-999							1
14	MS3100R22-14S	. . CONNECTOR	001-999							1
15	232-20195-1	. . SWITCH	001-999							1
16	PV6R10B6SNC	. . CONNECTOR	001-233							2
---	MS3476L10-68	. . CONNECTOR (Applicable to Serials 001-233 When Replacing PV6R10B6SNC)	234-999							2
---	MS3416-10EN	. . BACKSHELL (Use With MS3476L10-68)	234-999							2
---	MS25036-3	. . TERMINAL	001-999							4
---	MS25181-1	. . SPLICE	001-999							12
17	232-20112-7	. PLACARD ("Press To Test")	001-999							2
17A	232-20432	. PLATE, Modified (Used on AMD 208 Only)	208							1
---	232-20428	. PLATE (Used on AMD 140 Only)	140							1
18	232-20425-1	. BUS, Electrical (Circuit Breaker)	001-999							1

78-31-20

March 1, 1995

Page 48

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

FIG. INDEX	PART NUMBER	NOMENCLATURE	USABLE ON	QUANTITY	
				PER ASSEMBLY	
2-7	19	232-20112-5	. PLACARD (Circuit Breaker I.D.)	001-999	1
	20	MS22073-7 1/2	. CIRCUIT BREAKER	001-999	2
	21	232-20424-1	. WIRE ASSEMBLY, Power, Electrical	001-999	1
	---	32996	. . TERMINAL, Lug	001-999	2
---	232-20115-1	---*--- . HARNESS ASSEMBLY, W-003 Left Hand (80512) (See Sheet 3) *2	001-999	1	
---	232-20115-2	. HARNESS ASSEMBLY, W-004 Right Hand (80512)	001-999	1	
22	MS3100E1651S	. . CONNECTOR	001-999	1	
---	MS51957-17	. SCREW	001-999	4	
---	AN960C4	. WASHER	001-999	4	
---	NAS679C04	. NUT	001-999	4	
23	MS3420-8	. BUSHING, Gland	001-999	1	
24	MS21919MH4	. CLAMP	001-999	2	
---	MS35207-263	. SCREW	001-999	2	
---	AN960C10	. WASHER	001-999	4	
---	NAS679C3	. NUT	001-999	2	
---	MS21103-12	. LOOP	001-999	1	
25	232-20197-6	. GROMMET	001	4	
---	770E10R-CU	. CLAMP	001	2	
---	770E10-CU	. CLAMP	001	2	
---	MS35206-245	. SCREW	001	4	
---	AN960-8	. WASHER	001	4	
---	AN365-832	. NUT	001	4	
---	MS3057-8A	. CLAMP - CABLE	002-999	2	
---	MS3420-4	. BUSHING	002-999	2	
---	MS3420-6	. BUSHING	002-999	2	
---	MS3420-8	. BUSHING	002-999	2	
---	CA2120-5	. SHELL - JUNCTION	002-999	2	
---	232-20197-6	. GROMMET	002-999	4	
---	MS51957-17	. SCREW	002-999	4	
---	AN960C4	. WASHER	002-999	4	
---	NAS679C04	. NUT	002-999	4	
---	232-20406-1	---*--- . HARNESS INSTALLATION, Left Hand	001-233	1	
---	232-20406-501	. HARNESS INSTALLATION, Left Hand	234-999	1	
---	232-20416-1	. . HARNESS ASSEMBLY, W-005 Left Hand (80512) (See Sheet 4) *2	001-233	1	
---	232-20416-503	. . HARNESS ASSEMBLY, Left Hand	234-999	1	
26	MS3108R1651P	. . . CONNECTOR	001-999	1	
27	MS3108R1457S	. . . CONNECTOR	001-999	1	
28	MS3106R10SL3S	. . . CONNECTOR, Solder Contacts	001-205	1	
---	MS3106R10SL3S	. . . CONNECTOR, Crimp Contacts (Optional to MS3106R-10SL3S)	001-999	1	
29	CA3106R10SL20 014-S	. . . CONNECTOR	001-999	1	
30	MS3116F84S	. . . CONNECTOR	001-999	1	
31	RE60G1300	. . . RESISTOR	001-999	1	
---	MS35275-206	. . . SCREW	001-999	2	
---	NAS620C2	. . . WASHER	001-999	2	
---	MS35333-69	. . . LOCK WASHER	001-999	2	
---	MS21042-02	. . . NUT	001-999	2	
32	232-20356-1	. . . SWITCH (80512)	001-233	2	
---	232-20400-1	. . SWITCH (Preferred replacement for 232- 20356-1 but must be used with 232- 20359-5 Pneumatic Latch - Ref. Figure 2-2) *4	001-999	2	

78-31-20

March 1, 1995

Page 49

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

FIG. INDEX	PART NUMBER	NOMENCLATURE	USABLE ON		QUANTITY PER ASSEMBLY
			1	2	
2-7 33	232-20355	. . . SWITCH (80512)	001-233	1	
---	232-20454	. . . SWITCH *4	234-999	1	
34	232-20357-503	. . . FLASHER ASSEMBLY (80512) *3	001-233	1	
---	232-20357-507	. . . FLASHER ASSEMBLY (Preferred replacement for 232-20357-503) *3	001-999	1	
---	1N2071A	. . . . DIODE 600V 75A	001-999	3
35	MS25036-149	. . . TERMINAL, Crimp Type	001-999	7	
36	MS21919WH2	. CLAMP	001-999	6	
---	MS35207-261	. SCREW	001-999	6	
---	AN960P010L	. WASHER	001-999	12	
---	NAS679C3	. NUT	001-999	6	
37	MS21919WH3	. CLAMP	001-999	3	
---	MS35207-261	. SCREW	001-999	3	
---	AN960P010L	. WASHER	001-999	6	
---	NAS679C3	. NUT	001-999	3	
38	MS21919WH4	. CLAMP	001-999	6	
---	MS35207-261	. SCREW	001-999	6	
---	AN960P010L	. WASHER	001-999	12	
---	NAS679C3	. NUT	001-999	6	
39	NAS679C08	. NUT	001-999	2	
---	MS35649-282	. NUT	001-999	2	
---	MS35338-42	. WASHER	001-999	4	
---	AN960C8L	. WASHER	001-999	4	
---	MS35207-246	. SCREW	001-999	2	
---	232-20406-2	. HARNESS INSTALLATION, Right Hand	001-233	1	
---	232-20406-502	. HARNESS INSTALLATION, Right Hand	234-999	1	
---	232-20416-2	. . HARNESS ASSEMBLY, W-006 Right Hand (80512) (See Sheet 5) *2	001-233	1	
---	232-20416-504	. . HARNESS ASSEMBLY, Right Hand	234-999	1	
40	MS3108R16S1P	. . . CONNECTOR	001-999	1	
41	MS3108P14S7S	. . . CONNECTOR	001-999	1	
42	MS3106R10SL3S	. . . CONNECTOR, Solder Contacts	001-205	1	
---	MS3106R10SL3S	. . . CONNECTOR, Crimp Contacts (Optional to MS3106R10SL-3S)	001-999	1	
43	CA3106R10SL20014-S	. . . CONNECTOR	001-999	1	
44	MS3116F84S	. . . CONNECTOR	001-999	1	
45	RE6061300	. . . RESISTOR	001-999	1	
---	MS35275-206	. . . SCREW	001-999	2	
---	NAS620C2	. . . WASHER	001-999	2	
---	MS35333-69	. . . LOCK WASHER	001-999	2	
---	MS21042-02	. . . NUT	001-999	2	
46	232-20356-1	. . . SWITCH (80512)	001-233	2	
---	232-20400-1	. . SWITCH (Preferred replacement for 232-20356-1 but must be used with 232-20359-5 Pneumatic Latch - Ref. Figure 2-2)*4	001-999	2	
47	232-20355-1	. . . SWITCH (80512)	001-233	1	
---	232-20454-1	. . SWITCH *4	234-999	1	
48	232-20357-503	. . . FLASHER ASSEMBLY (80512) *3	001-233	1	
---	232-20357-507	. . . FLASHER ASSEMBLY (Preferred replacement for 232-20357-503) *3	001-999	1	
---	1N2071A	. . . . DIODE 600V 75A	001-999	3
49	MS25036-149	. . . TERMINAL, Crimp type	001-999	7	
50	MS21919WH2	. CLAMP	001-999	7	
---	MS35207-261	. SCREW	001-999	7	
---	AN960P010L	. WASHER	001-999	14	
---	NAS679C3	. NUT	001-999	7	

78-31-20

March 1, 1995

Page 50

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

FIG. INDEX	PART NUMBER	NOMENCLATURE	USABLE ON	QUANTITY PER ASSEMBLY
2-7				
51	MS21919WH3	. CLAMP	001-999	1
---	MS35207-261	. SCREW	001-999	1
---	AN960P010L	. WASHER	001-999	2
---	NAS679C3	. NUT	001-999	1
52	MS21919WH4	. CLAMP	001-999	5
---	MS35207-261	. SCREW	001-999	5
---	AN960P010L	. WASHER	001-999	10
---	NAS679C3	. NUT	001-999	5
---	MS21919WH6	. CLAMP	001-999	1
---	MS35207-261	. SCREW	001-999	1
---	AN960P010L	. WASHER	001-999	2
---	NAS679C3	. NUT	001-999	1
53	NAS679C08	. NUT	001-999	2
---	MS35649-282	. NUT	001-999	2
---	MS35338-42	. WASHER	001-999	4
---	AN960C8L	. WASHER	001-999	4
---	MS35207-246	. SCREW	001-999	2
---	232-20134-1	. HARNESS ASSEMBLY, W-007 Left Hand (80512) (See Sheet 6)	001-999	1
---	232-20134-2	. HARNESS ASSEMBLY, W-008 Right Hand (80512)	001-999	1
54	MS3100E14S7P	. . RECEPTACLE	001-999	1
---	770E10R-CU	. CLAMP	001-999	2
---	770E10-CR	. CLAMP	001-999	2
55	MS3420-6	. . BUSHING	001-999	1
56	MS51957-17	. SCREW	001-999	4
57	AN960C4	. WASHER	001-999	4
58	NAS679C04	. NUT	001-999	4
59	MS3057-8A	. CLAMP, Cable	001-999	1
---	MS3420-4	. BUSHING	001-999	1
---	MS3420-6	. BUSHING	001-999	1
---	MS3420-8	. BUSHING	001-999	1
---	CA2120-5	. SHELL	001-999	1
---	232-20197-6	. GROMMET (80512)	001-999	3
---	232-20417-1	. HARNESS ASSEMBLY, W-009 Left Hand (80512) (See Sheet 6)	001-999	1
---	232-20417-2	. HARNESS ASSEMBLY, W-010 Right Hand (80512)	001-999	1
60	232-20355-1	. . SWITCH (See Figure 2-12 for Installation Details)	001-999	1
61	MS21919WH2	. CLAMP	001-999	3
---	MS51957-45	. SCREW	001-999	3
---	AN960C8	. WASHER	001-999	3
---	NAS679C08	. NUT	001-999	3
52	MS3057-3A	. CLAMP	001-999	1
---	MS3420-3	. BUSHING	001-999	1
---	CA2120-1	. SHELL	001-999	1
63	MS39056-1	. GROMMET	001-999	1
64	MS51957-17	. SCREW	001-999	4
65	AN960C4	. WASHER	001-999	4
66	NAS679C04	. NUT	001-999	4

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

FIG. INDEX	PART NUMBER	NOMENCLATURE							USABLE ON	QUANTITY PER ASSEMBLY
		1	2	3	4	5	6	7		
2-7										
---	232-20419-1	.	HARNES	ASSEMBLY,	W-011	Left	Hand	(80512)	001-999	1
			(See	Sheet	7)					
---	232-20419-2	.	HARNES	ASSEMBLY,	W-012	Right	Hand		001-999	1
67	800A-CKE2L2N (AG-16)	.	.	MOUNT					001-999	1
68	800A-ICE262N2 (AG-16)	.	.	LAMP					001-999	4
69	232-20419-3	.	.	RECEPTACLE					001-999	1
70	MS3416-10EN	.	.	BACKSHELL (Use With 232-20419-3)					001-999	1
<p>*1 Harness W-002 installed in right-hand overhead raceway on AMD 206 only. *2 For wiring data differences applicable to AMD 135, see the appropriate wiring diagram. *3 For field replacement, order Kit 232-002-1. *4 Preferred replacement on Serial Numbers 001-233 with incorporation of Service Change SC-F20-004A.</p>										

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

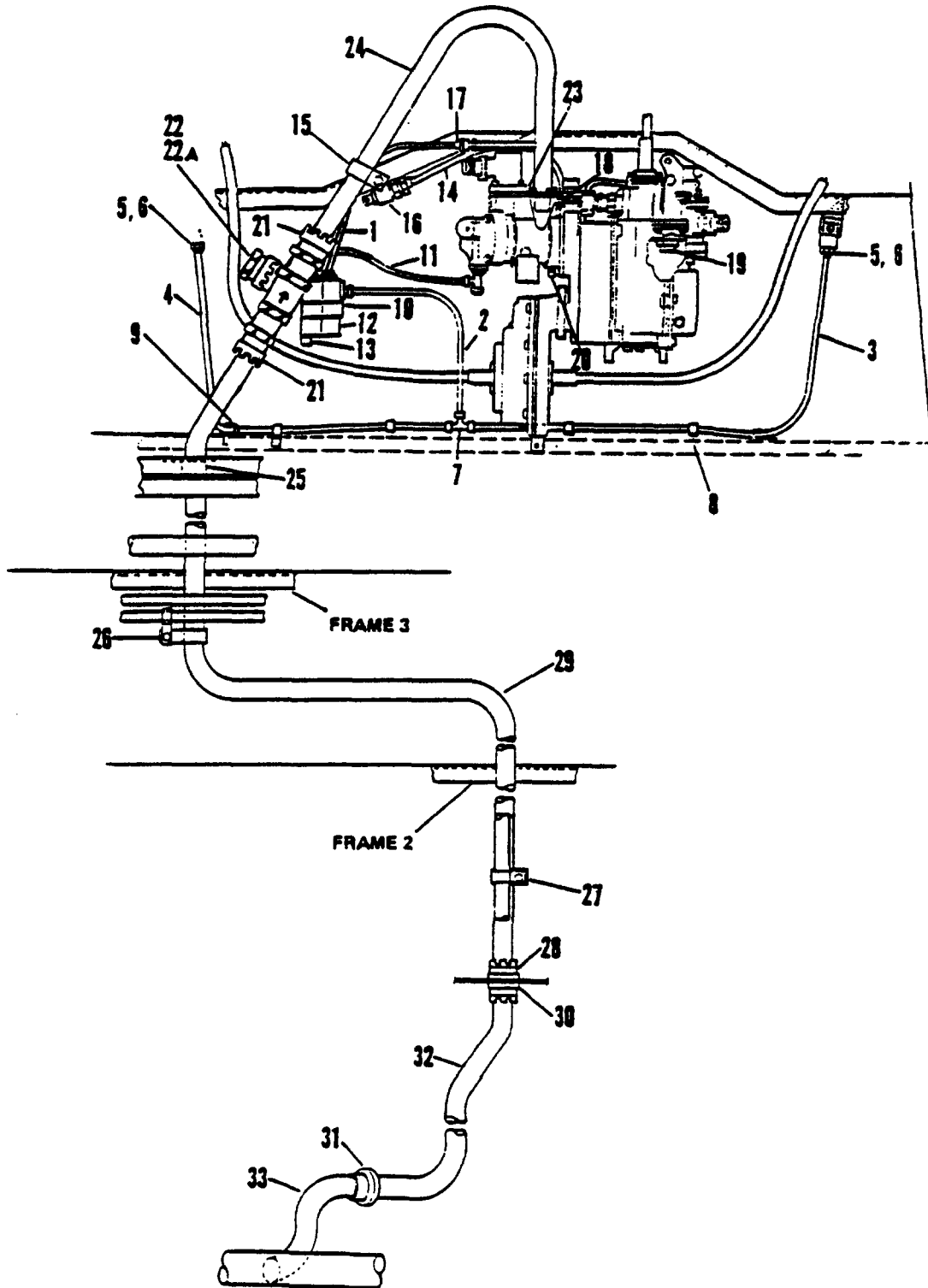


FIGURE 2-8, AIR LINES INSTALLATION

78-31-20
March 1, 1995
Page 53

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

FIG. INDEX	PART NUMBER	NOMENCLATURE	USABLE ON	QUANTITY
				PER ASSEMBLY
2-8	232-20270-1	INSTALLATION, Left Hand Pneumatic (80512)	001-999	1
	232-20270-501	INSTALLATION, Right Hand Pneumatic (80512)	001-999	1
-1	232-20270-35	. TUBE ASSEMBLY, 3-Way Valve, Left Hand (80512)	001-999	1
---	232-20270-33	. . TUBE	001-999	1
---	AN818-40	. . NUT	001-999	1
---	NAS593-4	. . NUT	001-999	1
---	MS20819-4K	. . SLEEVE (Preferred)	001-999	1
---	MS20819-4J	. . SLEEVE (Alternate)	001-999	1
---	232-20270-39	. TUBE ASSEMBLY, 3-Way Valve, Right Hand (80512)	001-999	1
---	232-20270-37	. . TUBE	001-999	1
---	AN818-40	. . NUT	001-999	1
---	NAS593-4	. . NUT	001-999	1
---	MS20819-4K	. . SLEEVE (Preferred)	001-999	1
---	MS20819-4J	. . SLEEVE (Alternate)	001-999	1
-2	232-20224-513	. TUBE ASSEMBLY, 3-Way Valve, Left Hand (80512)	001-999	1
---	MS20819-40	. . SLEEVE	001-999	2
---	AN818-40	. . NUT	001-999	2
---	232-20224-37	. . TUBE (80512)	001-999	1
---	232-20224-515	. TUBE ASSEMBLY, 3-Way Valve, Right Hand (80512)	001-999	1
---	MS208919-40	. . SLEEVE	001-999	2
---	AN818-40	. . NUT	001-999	2
---	232-20224-39	. . TUBE	001-999	1
-3	232-20224-505	. TUBE ASSEMBLY, Pneu Latch, L.H. Outboard (80512)	001-999	1
---	MS20819-40	. . SLEEVE	001-999	2
---	AN818-40	. . NUT	001-999	2
---	232-20224-29	. . TUBE	001-999	1
---	232-20224-511	. TUBE ASSEMBLY, Pneu Latch, R.H. Inboard (80512)	001-999	1
---	MS20819-40	. . SLEEVE	001-999	2
---	AN818-40	. . NUT	001-999	2
---	232-20224-35	. . TUBE	001-999	1
-4	232-20224-503	. TUBE ASSEMBLY, Pneu Latch, L.H. Inboard (80512)	001-999	1
---	MS20819-40	. . SLEEVE	001-999	2
---	AN818-40	. . NUT	001-999	2
---	232-20224-27	. . TUBE	001-999	1
---	232-20224-507	. TUBE ASSEMBLY, Pneu Latch, R.H. Outboard (80512)	001-999	1
---	MS20819-40	. . SLEEVE	001-999	2
---	AN818-40	. . NUT	001-999	2
---	232-20224-31	. . TUBE	001-999	1
-5	AN815-40	. UNION	001-999	2
-6	MS28778-4	. O-RING	001-999	2
-7	AN824-40	. TEE	001-999	1
-8	NAS679A3	. NUT	001-999	5
---	AN960-10L	. WASHER	001-999	5
---	NAS43DD3-22	. SPACER	001-999	5
---	NAS1303-7	. BOLT	001-999	5
---	MS21919WH4	. CLAMP	001-999	5
-9	NAS679A3	. NUT	001-999	1
---	AN960-10L	. WASHER	001-999	1
---	MS21919WH4	. CLAMP	001-999	1
---	NAS1303-2	. BOLT	001-999	1
10	NAS679A3	. NUT	001-999	1
---	AN960-10L	. WASHER	001-999	1
---	NAS1303-2	. BOLT	001-999	1

78-31-20

March 1, 1995

Page 54

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

FIG. INDEX	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USABLE ON	QUANTITY
				PER ASSEMBLY
2-8 ---	MS21919WH14	. CLAMP	001-999	2
11	232-20224-517	. TUBE ASSEMBLY, Bleed Valve, L.H. (80512)	001-226	1
---	232-20224-528	. TUBE ASSEMBLY, Bleed Valve, L.H. (80512)*1	227-999	1
---	MS20819-40	. . SLEEVE	001-999	2
---	AN818-40	. . NUT	001-999	2
---	232-20224-41	. . TUBE	001-226	1
---	232-20224-52	. . TUBE	227-999	1
---	NAS679A3	. NUT	001-999	2
---	AN960-10L	. WASHER	001-999	2
---	NAS1303-2	. BOLT	001-999	2
---	232-20224-525	. TUBE ASSEMBLY, Bleed Valve, R.H. (80512)	001-226	1
---	232-20224-526	. TUBE ASSEMBLY, Bleed Valve, R.H. (80512)*1	227-999	1
---	MS20819-40	. . SLEEVE	001-999	2
---	AN818-40	. . NUT	001-999	2
---	232-20224-49	. . TUBE	001-226	1
---	232-20224-50	. . TUBE	227-999	1
---	NAS679A3	. NUT	001-999	2
---	AN960-10L	. WASHER	001-999	2
---	NAS1303-2	. BOLT	001-999	2
12	232-20117	. VALVE, Three-Way Solenoid (80512)	001-999	1
13	232-20286-1	. VALVE, Bleed-Off	001-999	1
14	232-20224-521	. TUBE ASSEMBLY, Pres. Switch, L.H. (80512)	001-999	1
---	MS20819-40	. . SLEEVE	001-999	2
---	AN818-40	. . NUT	001-999	2
---	232-20224-45	. . TUBE	001-999	1
---	232-20224-523	. TUBE ASSEMBLY, Pres. Switch, R.H. (80512)	001-999	1
---	MS20819-40	. . SLEEVE	001-999	2
---	AN818-40	. . NUT	001-999	2
---	232-20224-47	. . TUBE	001-999	1
15	NAS679A3	. NUT	001-999	1
---	AN960-10L	. WASHER	001-999	1
---	MS21919WH12	. CLAMP	001-999	1
---	NAS43003-22	. SPACER	001-999	1
---	NAS1303-7	. BOLT	001-999	1
16	232-20141-1	. PRESSURE SWITCH	001-999	1
17	NAS592-4E	. RING	001-999	1
18	AN815-40	. UNION	001-999	1
19	AN814-2SL	. PLUG (Use With 126372-1, 2, & 3 011 Filled Actuator Only)	001-999	1
20	MS9068-010	. "O" RING (Use With 126372-1, 2, & 3 011 Filled Actuator Only)	001-999	1
21	3605-12D	. CONNECTOR (79326)	001-226	2
---	3766C12D	. ADAPTER ASSEMBLY (79326) *2	227-999	2
---	MS9068-210	. . PACKING	001-999	2
---	MS9068-118	. . PACKING *2	227-999	2
22	232-20270-63	. TUBE, Actuator Air (Local Ref Only)(80512)	001-226	1
22A	252594	. CHECK VALVE (99240) *2	227-999	1
---	3630-12D	. . CAP ASSEMBLY (79326) *2	227-999	1
---	MS9068-118	. . PACKING *2	227-999	1
23	NAS1352C08H8	. SCREW	001-999	4
---	AN936ABA	. WASHER	001-999	4
---	232-20160-3	. GASKET (80512)	001-999	1
24	232-20169-505	. TUBE ASSEMBLY, Actuator Inlet, L.H. (80512)	001-999	1
---	232-20169-33	. . FITTING	001-999	1
---	232-20169-35	. . TUBE	001-999	1
---	232-20169-39	. . TUBE	001-999	1
---	232-20169-41	. . GUSSET	001-999	1
---	232-20169-43	. . GUSSET	001-999	1

78-31-20

March 1, 1995

Page 55

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

FIG. INDEX	PART NUMBER	NOMENCLATURE	USABLE ON	QUANTITY
				PER-ASSEMBLY
2-8	---	. . COUPLING	001-999	1
	---	. TUBE ASSEMBLY, Actuator Inlet, R.H. (80512)	001-999	1
	----	. . FITTING	001-999	1
	----	. . TUBE	001-999	1
	----	. . TUBE	001-999	1
	----	. . GUSSETT	001-999	1
	----	. . GUSSETT	001-999	1
	----	. . COUPLING	001-999	1
25	---	. BOLT	001-999	1
	----	. WASHER	001-999	1
	----	. NUT	001-999	1
	----	. CLAMP	001-999	1
26	---	. NUT	001-999	1
	----	. WASHER	001-999	1
	----	. SPACER	001-999	1
	----	. BOLT	001-999	1
	----	. CLAMP	001-999	1
	----	. CLAMP	001-999	1
27	---	. BOLT	001-999	1
	----	. WASHER	001-999	1
	----	. NUT	001-999	1
	----	. CLAMP	001-999	1
	----	. CLAMP	001-999	1
28	---	. SEAL, Connector Firewall (80512)	001-999	1
	----	. CLAMP (08484)	001-999	1
29	---	. TUBE, Actuator Air, L.H. (80512)	001-999	1
	----	. TUBE, Actuator Air, R.H. (80512)	001-999	1
30	---	. SEAL, Connector Firewall (80512)	001-999	1
	----	. CONNECTOR (79326)	001-999	1
	----	. "O" RING	001-999	2
31	---	. CONNECTOR (79326)	001-999	1
	----	. "O" RING	001-999	2
32	---	. TUBE, Actuator Air, L.H. (80512)	001-999	1
	----	. TUBE, Actuator Air, R.H. (80512)	001-999	1
33	---	. TUBE MODIFICATION, Left Hand	001-999	1
	----	. TUBE MODIFICATION, Right Hand	001-999	1

*1 Preferred replacement for Serials 001-226 with incorporation of Service Change SC-F20-003.

*2 Optional retrofit approved for Serials 001-226 with incorporation of Service Change SC-F20-005A.

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

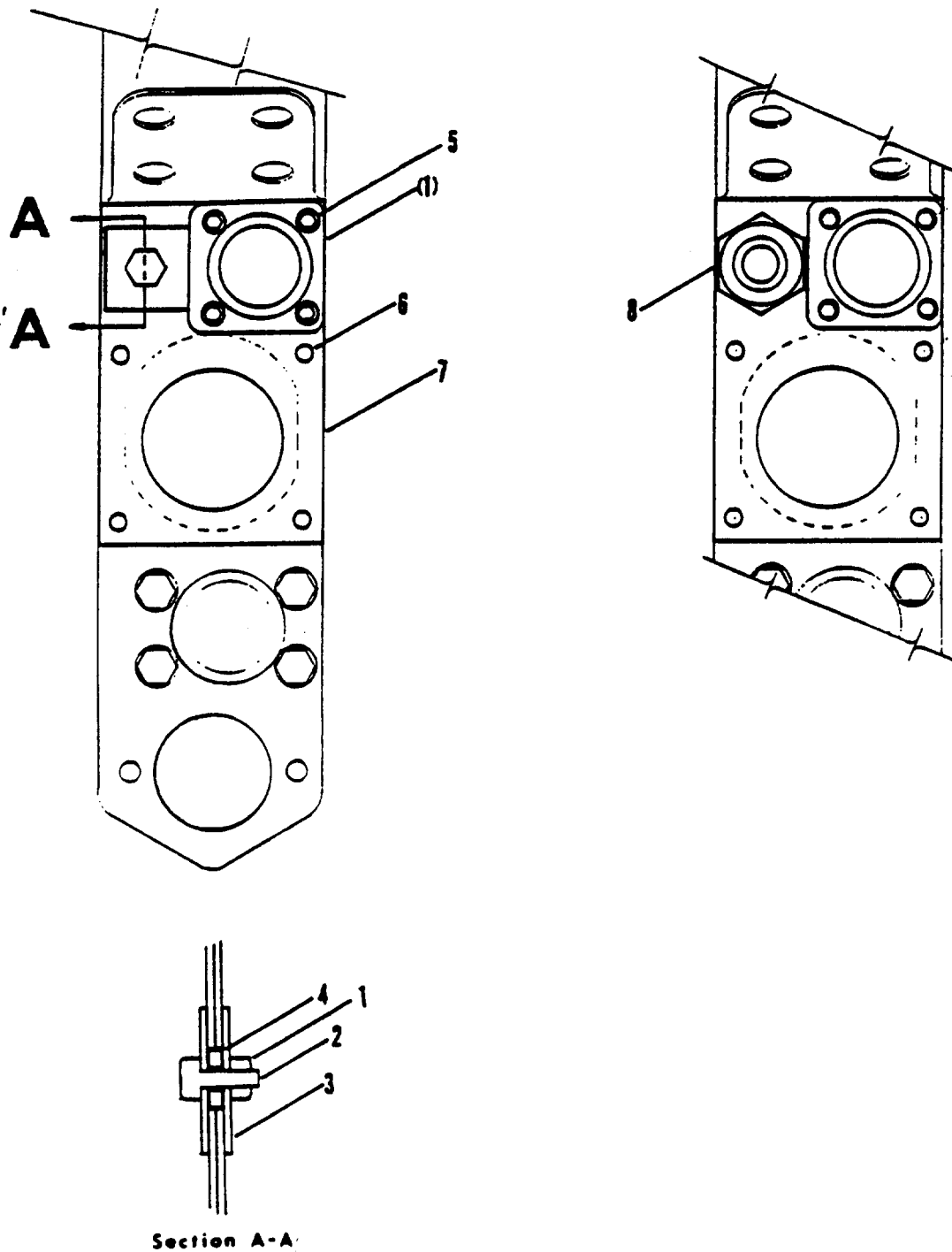


FIGURE 2-9, ENGINE FIREWALL INTERFACE BRACKET MODIFICATION

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

FIG. INDEX	PART NUMBER	NOMENCLATURE							USABLE ON	QUANTITY PER ASSEMBLY
		1	2	3	4	5	6	7		
2-9	232-20187-1	MODIFICATION, Engine Firewall Interface Bracket - Left Hand (80512)							001-999	1
	232-20187-2	MODIFICATION, Engine Firewall Interface Bracket - Right Hand (80512)							001-999	1
-1	MS21043-4	. NUT							001	1
-2	AN4C3A	. BOLT							001	1
-3	No Number	. DOUBLER (80512)							001	2
-4	AN960C416L -	. WASHER							001	1
-5	NAS1352C06-6	. SCREW							001-999	4
---	NAS620-6L	. WASHER							001-999	4
---	MS21043-06	. NUT							001-999	4
-6	MS20615-3M3	. RIVET							001-999	5
-7	232-20187-7	. DOUBLER (80512)							001-999	1
-8	AN832-5K	. UNION							001-999	1
---	AN924-5K	. NUT							001-999	1

78-31-20

March 1, 1995

Page 58

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

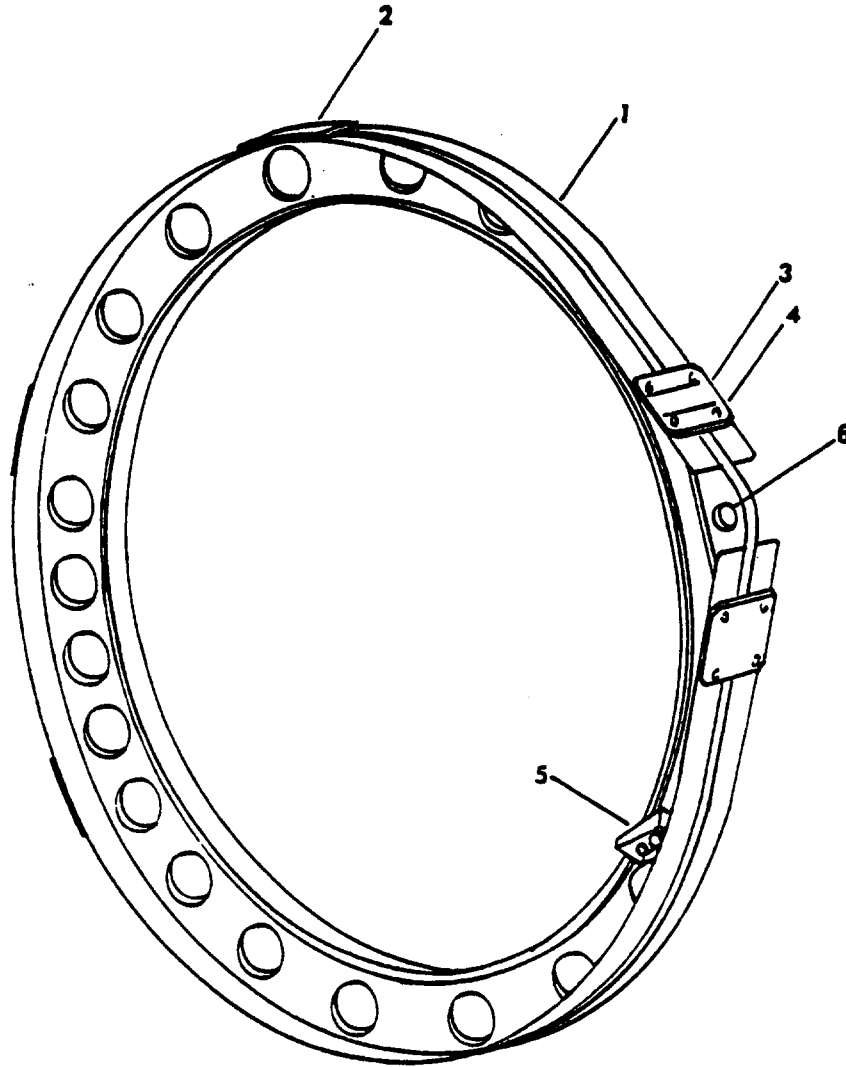


FIGURE 2-10, REAR ENGINE FRAME MODIFICATION

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

FIG. INDEX	PART NUMBER	NOMENCLATURE	USABLE ON	QUANTITY PER ASSEMBLY
2-10	232-20193-1	ENGINE FRAME ASSEMBLY, Modified Left Hand (80512)	001-999	1
	232-20193-2	ENGINE FRAME ASSEMBLY, Modified Right Hand (80512)	001-999	1
-1	232-20193-3	. FRAME, Modified Left Hand (80512)	001-999	1
---	232-20193-4	. FRAME, Modified Right Hand (80512)	001-999	1
-2	232-20193-9	. DOUBLER (80512)	001-999	1
---	MS20427M4-3	. RIVET	001-999	4
-3	232-20193-11	. RUB PAD (80512)	001-999	4
-4	232-20193-13	. DOUBLER (80512)	001-999	8
---	RV5928-4	. RIVET	001-999	16
---	AFO07-4M4	. RIVET (Alternate)	001-999	16
-5	232-20407-1	. BRACKET, Electrical Connector (80512)	001-999	1
---	MS20615M4-3	. RIVET	002-999	4
---	NAS679A08	. NUT (Used on Airplane S/N 135 Only)	001	4
---	ANS60-8	. WASHER (Used on Airplane S/N 135 Only)	001	4
---	NAS602-10	. SCREW (Used on Airplane S/N 135 Only)	001	4
-6	MY20.550.15.15	. BUSHING (Ref. Applicable Airframe Parts Catalog)	REF	2

78-31-20

March 1, 1995

Page 60

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

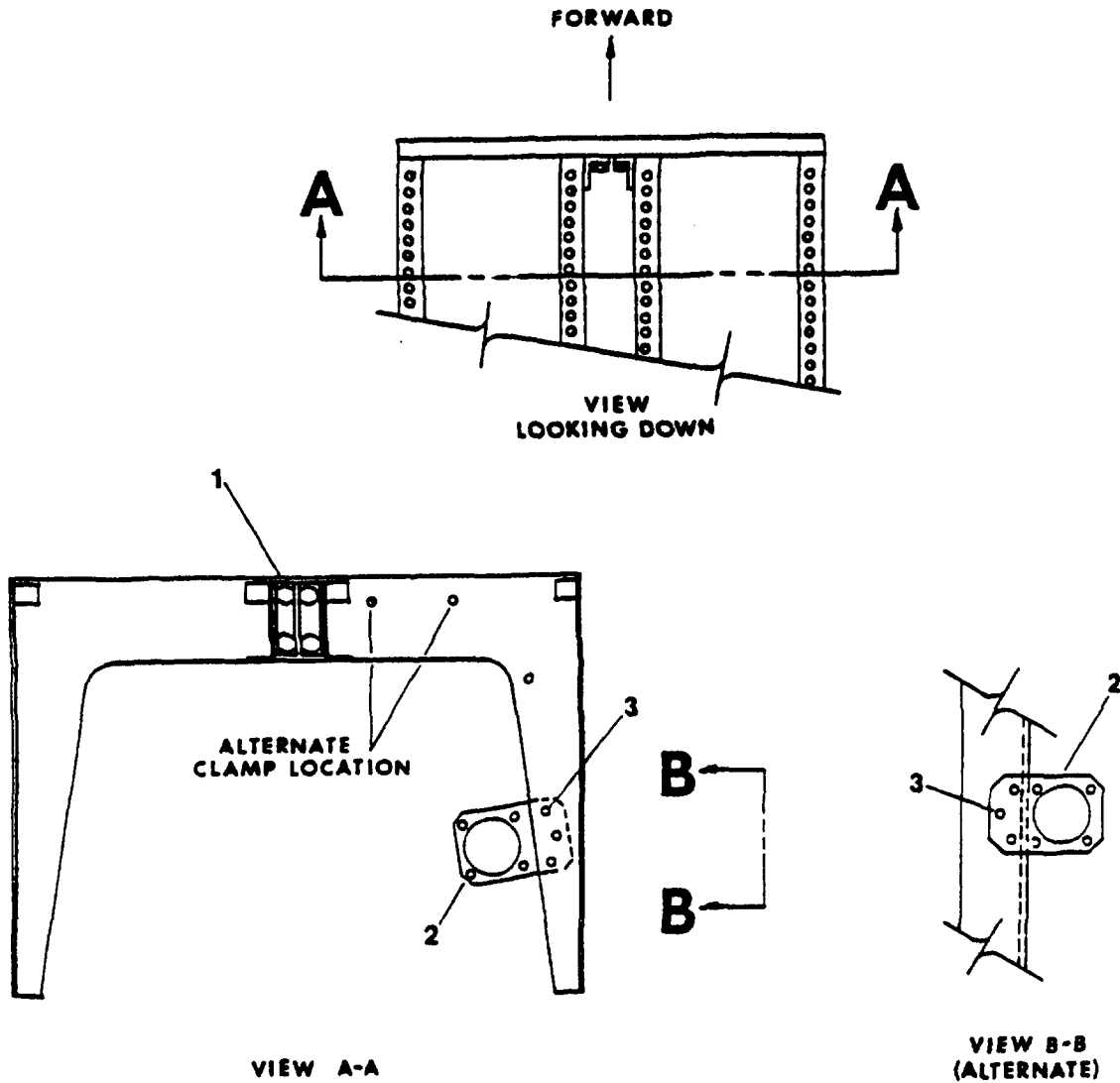


FIGURE 2-11, PEDESTAL MODIFICATION

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

FIG. INDEX	PART NUMBER	NONENCLATURE							USABLE ON	QUANTITY PER ASSEMBLY
		1	2	3	4	5	6	7		
2-11	232-20194-1	FALCON 20 PEDESTAL - Modification							001-999	1
-1	232-20194-3	. ANGLE (80512)							001-999	2
-2	232-20199-1	. BRACKET (80512)							001-999	1
---	MS20470A04-6	. . RIVET							001-999	4
-3	MS35206-245	. SCREW							001-999	3
---	AN96008	. WASHER							001-999	3
---	NAS679C08	. NUT							001-999	3

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

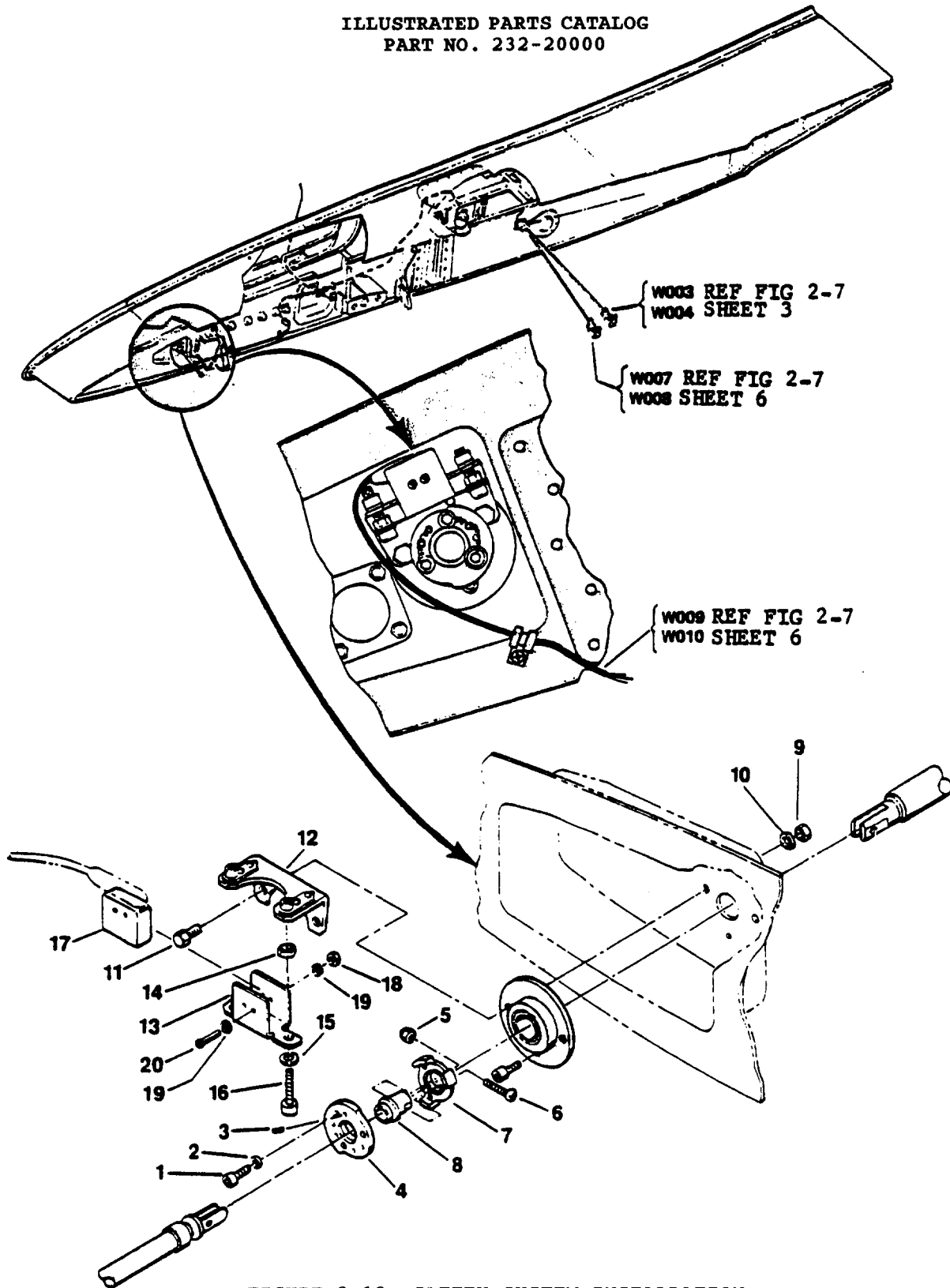


FIGURE 2-12, SAFETY SYSTEM INSTALLATION

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

FIG. INDEX	PART NUMBER	NOMENCLATURE	USABLE ON	QUANTITY PER ASSEMBLY
2-12	232-20404-1	SAFETY SYSTEM INSTALLATION, Left Hand (80512)	001-999	1
	232-20404-2	SAFETY SYSTEM INSTALLATION, Right Hand (80512)	001-999	1
-1	MS24673-1	. SCREW	001-999	3
-2	MS15795-841	. WASHER	001-999	1
-3	MS171431	. PIN	001-999	1
-4	232-20367-3	. CAM, Switch Actuating (80512)	001-999	1
-5	4PA106	. NUT	002-999	1
---	MS21043-08	. NUT (Obsolete for Future Procurement)	001	1
-6	L22136402S8CL	. BOLT	002-999	1
---	NAS1352-08-16	. SCREW (Obsolete for Future Procurement)	001	1
---	NAS670C8	. WASHER (Obsolete for Future Procurement)	001	1
-7	232-20388-3	. CLAMP, Actuator (80512)	001-999	1
-8	232-20386-3	. HUB, Actuator (80512)	001-999	1
-9	MS21045C3	. NUT	001-999	2
10	AN960C10	. WASHER	001-999	2
11	AN3C3	. BOLT	001-999	2
---	232-20368-1	. BRACKET ASSEMBLY, Switch (80512)	001-999	1
12	232-20368-3	. . BRACKET (80512)	001-999	1
---	MS21052-L3	. . . NUTPLATE	001-999	2
---	MS20470A03	. . . RIVET	001-999	4
13	232-20368-5	. . BRACKET (80512) *1	001-999	1
14	MS21043-3	. . NUT *1	001-999	2
15	NAS620C10L	. . WASHER *1	001-999	2
16	MS24673-5	. . SCREW *1	001-999	2
17	232-20355	. . SWITCH *1	001-999	1
18	MS21042-02	. . NUT *1	001-999	2
19	MS35333-69	. . WASHER *1	001-999	4
20	MS35275-209	. . SCREW *1	001-999	2

*1 Components of left and right hand safety system harnesses 232-20417-1 (W009) and 232-20417-2 (W010) assembly. See Figure 2-7, Sheet 6.

78-31-20

March 1, 1995

Page 64

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

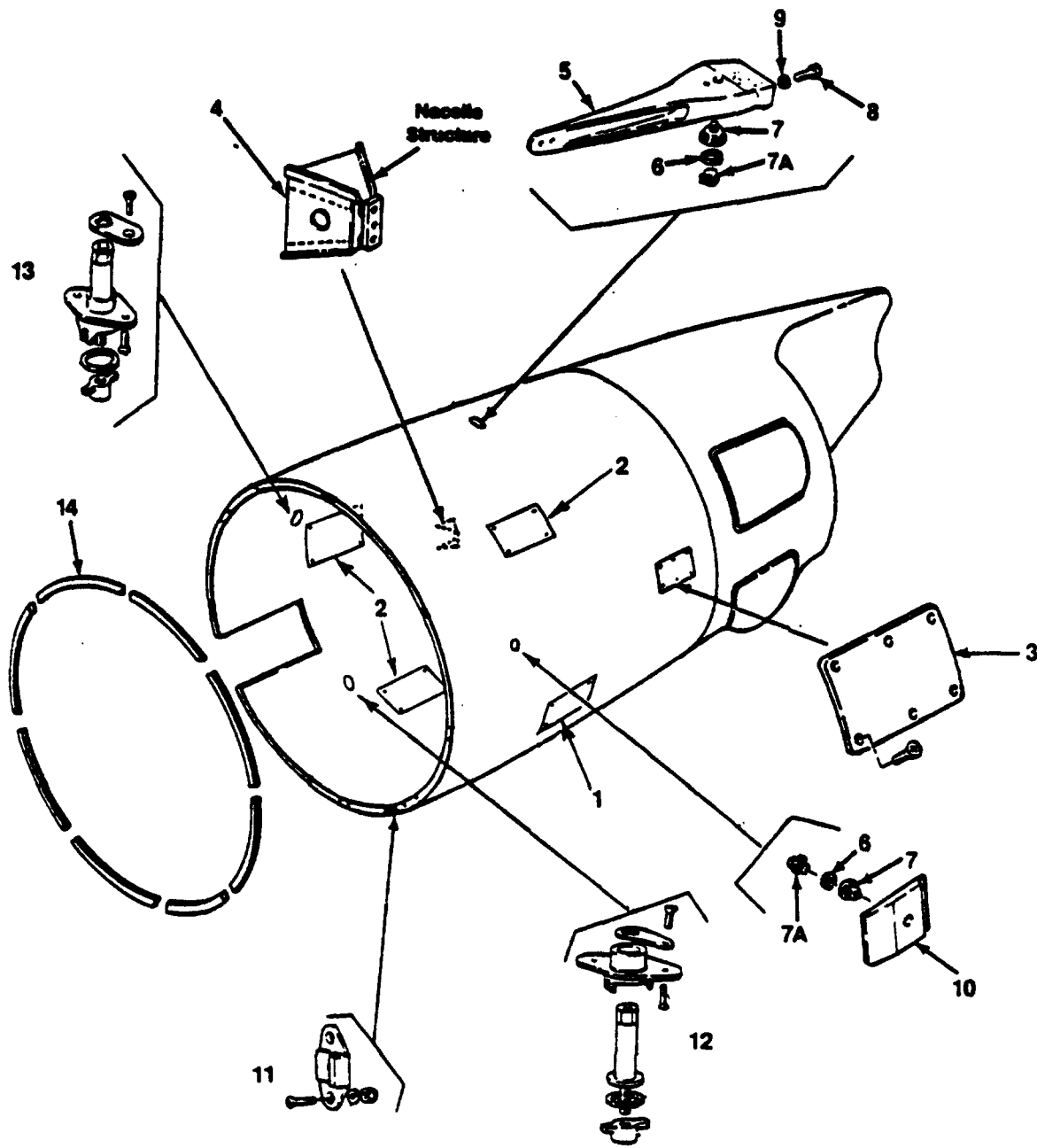


FIGURE 2-13, NACELLE COMPONENTS

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

FIG. INDEX	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USABLE ON	QUANTITY
				PER ASSEMBLY
2-13 ---	232-20101	MODIFIED AFT NACELLE (See Figure 2-2 for Details)	001-999	1
-1	232-20107-11	. DOOR PANEL, Lower Outboard	001-999	1
-2	232-20107-9	. DOOR PANEL, Upper - Outboard/Upper and Lower - Inboard	001-999	3
---	40S5-2	. STUD, Camloc (71286) *1	001-999	4
---	40S5-3	. STUD, Camloc (71286) *1	001-999	4
---	R46	. SNAP RING, Camloc (71286)	001-999	4
-3	232-20441-3	. ACCESS PANEL, Deploy Switch (Left Hand) *2	018, 021-999	1
---	232-20441-4	. ACCESS PANEL, Deploy Switch (Right Hand)*2	018 021-999	1
---	MS24694S48	. SCREW *2	018, 021-999	6
---*---				
-4	232-20453-1	. BRACKET, Reinforcement (L.H. & R.H. - Inboard) *3	227-999	1
---	232-20453-3	. ANGLE (L.H. & R.H. - Inboard) *3	227-999	2
---*---				
-5	232-20161-501	. FITTING ASSEMBLY, Jack Pad - Left Hand	001-999	1
---	232-20161-502	. FITTING ASSEMBLY, Jack Pad, Right Hand	001-999	1
---	MS21209F4-15	. . INSERT	001-999	2
-6	MS16629-4075	. . SNAP RING	001-999	1
---	232-20299-1	. . PAD ASSEMBLY, Centering	001-999	1
---	232-20299-5	. . . FOOT (With Allen Fitting) Obsolete	001-105	1
-7	232-20299-7	. . . FOOT (0.220 Thick) (Replaces -5)	001-999	1
---	232-20299-11	. . . FOOT (0.280 Thick) Alternate	001-999	1
---	232-20299-13	. . . FOOT (0.340 Thick) Alternate	001-999	1
-7A	232-20299-9	. . . SCREW, Foot Adjustment	001-999	1
---	AN960C816	. . . WASHER	001-999	1-2
-8	AN4-3A	. BOLT	001-999	2
-9	AN960-416	. WASHER	001-999	2
-10	232-20129-1	. DOUBLER, LONGERON	001-999	1
---*---				
-11	MY20.551.90.---	. CATCH FITTING - Dassault *4	001-999	REF
-12	MY20.551.90. 990.1	. JACK PAD ASSEMBLY, Lower Inboard - Dassault *4	001-999	REF
-13	MY20.551.90. 980	. JACK PAD ASSEMBLY, Upper Inboard - Dassault *4	001-999	REF
-14	MY551.9082 thru .9090	. FORWARD SEAL, Nacelle - Dassault *4	001-999	REF

*1 40S5-2 stud used with .032 door support doubler. 40S5-3 stud used with .093 door support doubler.

*2 May be installed on earlier serial numbers by incorporation of Service Change SC-F20-006.

*3 Recommended installation on earlier serial numbers by incorporating Service Change SC-F20-001.

*4 Listed for reference only - see applicable airframe parts catalog for detailed information.

78-31-20

March 1, 1995

Page 66

SECTION

78-31-30

ALPHA-NUMERIC LIST

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

PART NUMBER	FIG.	INDEX	TTL. REQ.
AF007M4	2-4	34	65
AF007-4M4	2-10	4	16
AN3-C7A	2-2	50	1
AN3-6	2-5	57	2
AN3C3	2-12	11	2
AN3C3A	2-3	9	2
	2-2	102	1
	2-2	106	4
AN310-3	2-5	55	2
AN365-832	2-7	25	4
AN4-3A	2-13	8	2
AN4-6A	2-2	104	1
	2-2	98	1
AN4C3	2-9	2	1
AN742D3	2-5	76	2
	2-5	76	2
AN742D4	2-7	10	2
	2-7	12	2
AN814-2SL	2-8	19	1
AN815-4D	2-8	5	2
	2-8	18	1
AN818-4D	2-8	1	1
	2-8	1	1
	2-8	2	2
	2-8	2	2
	2-8	3	2
	2-8	3	2
	2-8	4	2
	2-8	4	2
	2-8	11	2
	2-8	11	2
	2-8	14	2
	2-8	14	2
AN824-4D	2-8	7	1
AN832-5K	2-9	8	1
AN924-5K	2-9	8	1
AN936A8A	2-8	23	4
AN960-6	2-7	10	2
AN960-8	2-10	5	4
	2-7	12	2
	2-7	25	4
AN960-10L	2-8	8	5
	2-8	9	1
	2-8	10	1
	2-8	15	1
	2-8	25	1
AN960-10L	2-8	26	1
	2-8	27	1
	2-8	11	2
	2-2	5	2
	2-2	5	2
	2-2	14	4
	2-2	31	4
	2-2	22	2
AN960-416	2-13	9	2
	2-2	62	2
	2-2	105	1
	2-2	99	AR
AN960-416L	2-2	56	8
	2-2	88	2
	2-2	101	1
AN960C416	2-3	93	4
AN960-616L	2-2	26	1
AN960C4	2-7	2	4
	2-7	22	4
	2-7	25	4
	2-7	57	4
	2-7	65	4

PART NUMBER	FIG.	INDEX	TTL. REQ.
AN960C8	2-7	61	3
	2-5	71	16
	2-2	7	4
AN960C8L	2-7	39	4
	2-7	53	4
AN960C10	2-12	10	2
	2-7	24	4
AN960C10L	2-5	6	2
	2-5	90	2
	2-2	55	1
	2-2	48	2
	2-2	69	2
	2-2	69	2
	2-2	80A	3
	2-2	103	1
	2-3	3	AR
	2-3	11	2
	2-3	17	4
	2-3	20	4
	2-3	43	4
	2-3	65	5
	2-3	74	5
AN960C416L	2-9	4	1
	2-5	38	4
	2-3	46	4
AN960C516	2-2	4	2
	2-2	5	2
	2-2	10	2
AN960C716L	2-5	74	1
AN960C816	2-13	7A	1-2
AN960D8	2-7	11	2
	2-7	11	4
	2-7	16	3
AN960PD10	2-5	83	2
AN960PD10L	2-7	36	12
	2-7	37	6
	2-7	38	12
	2-7	50	14
	2-7	51	2
	2-7	52	10
	2-7	52	2
	2-5	56	2
	2-5	60	4
	2-5	66	2
	2-2	64	8
	2-2	95	3
	2-2	109	AR
	2-2	113	4
AN960PD416	2-5	11	2
	2-5	20	2
	2-5	26	2
	2-5	28	2
	2-5	41	2
	2-5	50	2
	2-2	91A	AR
AN960PD516L	2-2	49	AR
AN960XC616	2-3	33	4
BLFR-5	2-2	1	1
	2-2	5	1
	2-2	5	1
	2-2	5	1
BR-125-6-4	2-3	72A	24
BRES4458	2-3	57	1
CA2120-1	2-7	62	1
CA2120-5	2-7	25	2
	2-7	59	1

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

PART NUMBER	FIG.	INDEX	TTL. REQ.
CA3106R10SL20014-S	2-7	29	1
CA3106R10SL2001-4S	2-7	43	1
D6-1	2-3	21	AR
	2-3	45	AR
D6-4	2-3	34	4
EWSN22-3	2-3	65	5
	2-3	73	5
FF-310-3	2-5	16	1
	2-5	18	1
HL21-8-4	2-2	87	2
HL48-6-3	2-3	28	16
HS60M-4	2-3	72A	20
HS60-4	2-3	72A	20
HS61-4-9	2-3	72A	20
K8001-3	2-3	49	2
K8002-3	2-3	49	2
K8004-3	2-3	49	2
K8900-3	2-5	47	1
	2-5	48	1
KP3AL	2-5	76	1
	2-5	76	1
L22136402SBCL	2-12	6	1
M-16S	2-8	28	1
MS15795-841	2-12	2	1
MS16562-2	2-5	79	2
MS16629-4075	2-13	6	1
MS16633-1012	2-2	45	1
MS16997-20	2-3	65	2
MS171431	2-12	3	1
MS20002C4	2-2	78	4
	2-2	90	4
MS20364-632	2-7	10	2
MS20392-2C17	2-2	81	1
MS20392-2C11	2-5	69	2
MS20392-2C15	2-5	12	2
	2-5	61	4
MS20392-2C19	2-2	81A	2
MS20392-3C11	2-5	39	2
MS20392-3C21	2-5	51	2
MS20426AD4-5	2-3	12	32
MS20426AD5-4	2-5	76	2
	2-5	76	2
MS20427F3	2-6	14	37
MS20427F4	2-4	29	AR
MS20427M4-3	2-10	2	4
MS20427M4	2-4	33	AR
MS20470AD3	2-12	12	4
MS2D470AD4-6	2-11	2	4
MS20613-3C	2-6	7	74
	2-6	15	37
MS20615-3M3	2-9	6	5
MS20615M4-3	2-10	5	4
MS20819-4D	2-8	2	2
	2-8	2	2
	2-8	3	2
	2-8	3	2
	2-8	4	2
	2-8	4	2
	2-8	11	2
	2-8	11	2
	2-8	14	2
	2-8	14	2
MS20819-4J	2-8	1	1
	2-8	1	1
MS20819-4K	2-8	1	1
	2-8	1	1

PART NUMBER	FIG.	INDEX	TTL. REQ.
MS21042-02	2-2	83	2
	2-7	31	2
	2-7	45	2
	2-12	18	2
MS21043-06	2-9	5	4
MS21043-08	2-5	70	8
	2-7	12	2
	2-12	5	1
MS21043-3	2-2	47	1
	2-2	112	4
	2-3	4	2
	2-3	16	4
	2-3	19	4
	2-3	29	16
	2-3	42	4
	2-12	14	2
MS21043-4	2-3	37	4
	2-3	85	8
	2-4	1	24
	2-9	1	1
MS21045C3	2-12	9	2
MS21052-L3	2-12	12	2
MS21103-12	2-7	25	1
MS21209-C0615	2-3	60	2
	2-3	63	2
	2-3	68	2
	2-3	77	3
MS21209-F1-10	2-2	107A	3
MS21209F4-15	2-13	5	2
MS21251-5S	2-2	36	2
MS21251-6S	2-2	19	2
MS21252-5LS	2-2	35	2
MS21252-5RS	2-2	34	2
MS21252-6LS	2-2	18	2
MS21252-6RS	2-2	17	2
MS21256-1	2-2	12	2
	2-2	33	2
MS21919DG5	2-7	11	1
	2-7	11	2
MS21919WH2	2-7	36	6
	2-7	50	7
	2-7	61	3
MS21919WH3	2-7	37	3
	2-7	51	1
MS21919WH4	2-7	24	2
	2-7	38	6
	2-7	52	5
	2-8	8	5
	2-8	9	1
MS21919WH6	2-2	97	3
	2-7	52	1
	2-8	26	1
MS21919WH8	2-8	27	1
MS21919WH10	2-2	66	4
MS21919WH12	2-8	15	1
	2-8	25	1
	2-8	26	1
	2-8	27	1
MS21919WH14	2-8	10	2
MS22073-7 1/2	2-7	20	2
MS24585-1063	2-2	46	1
MS24585-1341	2-2	39	1
MS24585C27	2-5	13	2
MS24665-132	2-2	56	1

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

PART NUMBER	FIG.	INDEX	TTL. REQ.
MS24665-151	2-2	79	1
	2-3	51	4
	2-5	54	2
	2-5	10	2
	2-5	37	2
	2-5	49	2
	2-5	59	4
	2-5	65	2
	2-3	30	4
	2-2	40	1
MS24665-153	2-2	40	1
MS24665-210	2-2	40	1
MS24673-1	2-12	1	3
	2-2	16	2
MS24694-C56	2-3	89	4
MS24694S48	2-13	3	6
MS25036-3	2-7	16	6
MS25036-149	2-7	35	7
	2-7	49	7
MS25181-1	2-7	16	18
MS28778-4	2-8	6	2
MS3057-3A	2-7	62	1
MS3057-8A	2-7	25	2
	2-7	59	1
MS3100E14S7P	2-7	54	1
MS3100E1651S	2-7	22	1
MS3100R22-14S	2-7	14	1
MS3106R10SL3S	2-7	42	1
MS310R10SL3S	2-7	28	1
MS3106R22-14P	2-7	2	1
MS3108P14S7S	2-7	41	1
MS3108R14S7S	2-7	27	1
MS3108R16S1P	2-7	26	1
	2-7	40	1
MS3116F8-4S	2-7	30	1
	2-7	44	1
MS3416-10EN	2-7	16	2
	2-7	70	1
MS3420-3	2-7	62	1
MS3420-4	2-7	25	2
	2-7	59	1
MS3420 -6	2-7	25	2
	2-7	55	1
	2-7	59	1
MS3420-8	2-7	23	1
	2-7	25	2
	2-7	59	1
MS3476L10-68	2-7	16	2
MS35206-245	2-7	11	1
	2-11	3	3
	2-7	11	2
	2-7	25	4
MS35207-246	2-7	39	2
	2-7	53	2
MS35207-261	2-7	36	6
	2-7	37	3
	2-7	38	6
	2-7	50	7
	2-7	51	1
	2-7	52	5
	2-7	52	1
	2-2	65	4
	2-2	96	3
MS35207-263	2-7	24	2
MS35275-206	2-7	31	2
	2-7	45	2
MS35275-209	2-12	20	2
MS35333-35	2-2	84	4
	2-2	109	8
MS35333-69	2-7	31	2

PART NUMBER	FIG.	INDEX	TTL. REQ.
MS35338-42	2-7	39	4
	2-7	53	4
MS35649-282	2-7	39	2
	2-7	53	2
MS39056-1	2-7	63	1
MS51943-36	2-2	25	1
MS51957-17	2-7	64	4
	2-7	56	1
	2-7	16	4
	2-7	22	4
	2-7	25	4
MS51957-45	2-7	63	3
MS9068-010	2-8	20	1
MS9068-118	2-8	21	2
MS9068-210	2-8	31	2
	2-8	21	1
	2-8	30	2
MS9360-09	2-3	15	1
	2-3	31	4
MS9361-10	2-3	65	5
MS9463-11	2-2	54	1
MS9464-09	2-3	53	4
MS9486-50	2-3	83	1
MY20.550.016	2-2	28	1
MY20.550.15.15	2-10	6	2
MY20.551.90	2-13	REF.	-
NAS1065-6-12	2-5	3	4
NAS1068C3	2-3	5	2
	2-3	12	4
NAS1070-616	2-2	27	1
NAS1081-08A10	2-5	63	2
NAS1121C1H	2-3	54	4
NAS1132C4	2-5	24	2
NAS1143E10	2-3	23	4
NAS1152C3	2-5	73	8
NAS1153C2	2-3	65	5
	2-3	75	5
NAS1153C2	2-3	65	5
NAS1154C5	2-3	76	4
	2-5	31	2
	2-3	65	4
	2-5	88	2
NAS1154C6	2-3	76	AR
NAS1154C7	2-3	76	AR
NAS1154C8	2-3	76	AR
	2-5	22	2
NAS1190-02P18W	2-2	109	4
NAS1190-04T6	2-7	8	1
NAS1190-08P7W	2-5	8	2
NAS1190C06P6L	2-5	2	2
NAS1190C06P7L	2-5	1	2
NAS1200-4-4	2-3	26	8
NAS1291C4M	2-2	56	8
	2-2	61	2
	2-2	89	2
	2-2	105	1
NAS1291X02	2-2	109	4
NAS1297-3-6	2-2	3	1
	2-2	5	1
NAS1297-3-7	2-2	32	4
NAS1297-3-8	2-2	5	1
	2-2	32	4
NAS1297-3-10	2-2	23	2
NAS1303-14	2-8	26	1
NAS1303-2	2-8	9	1
	2-8	10	1
	2-8	25	1
	2-8	27	1

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

PART NUMBER	FIG.	INDEX	TTL. REQ.
NAS1303-7	2-8	8	5
	2-8	15	1
NAS1303-8	2-2	15	4
NAS1303-9	2-2	15	4
NAS1351-3-10P	2-2	68	2
	2-2	69	1
NAS1351-4-10P	2-2	100	1
NAS1351C-3-10	2-3	12B	4
NAS1351C3-12	2-3	12B	4
NAS1351C3-14	2-3	12B	4
NAS1351C3-8	2-3	10	2
NAS1351-3-8P	2-2	59	8
NAS1351-3LE8P	2-2	108	6
NAS1351-3LE10P	2-2	108	6
NAS1351-3LE9P	2-2	108	6
NAS1351C08H8	2-2	6	4
NAS1351C3-H10	2-2	114	4
NAS1351C4-12	2-3	87	8
NAS1352-06-10	2-2	84A	1
NAS1352-08-16	2-12	6	1
NAS1352C06-6	2-9	5	4
NAS1352C06-8	2-3	64	2
	2-3	71	2
NAS1352C08H8	2-2	105	4
	2-8	23	4
NAS1395-08L	2-5	45	2
NAS1423-5	2-3	58	1
NAS144-13	2-2	77	4
	2-2	91	4
NAS144-14	2-2	77	4
	2-2	91	4
NAS144-15	2-2	91	4
NAS1634C10	2-3	92	4
NAS1738M4-1	2-3	12	8
NAS1738M4-2	2-3	12	63
NAS1739E4-2	2-3	12	14
NAS1739M4-2	2-3	12	252
NAS220C7	2-5	5	2
	2-5	89	2
NAS221-8	2-2	73	4
NAS221-10	2-2	73	AR
NAS43DD3-22	2-8	8	5
	2-8	15	1
NAS43DD3-48	2-3	26	1
NAS514-632-6	2-3	62	2
NAS514P1032-8	2-3	47	2
NAS514P632-4	2-3	82	1
NAS514P632-6	2-7	10	2
NAS514P832-8	2-7	12	2
NAS517-4-11	2-2	90A	1
NAS517-4-12	2-2	56	4
NAS517-4-14	2-2	56	4
NAS517-4-3	2-2	87	2
	2-2	91	2
NAS591-4	2-8	24	1
	2-8	24	1
NAS592-4E	2-8	17	1
NAS593-4	2-8	1	1
	2-8	1	1
NAS602-10	2-10	5	4
NAS620-10	2-2	60	8
NAS620-10L	2-2	74	4
	2-2	80	3
NAS620-4L	2-3	80	AR
NAS620-6L	2-9	5	4

PART NUMBER	FIG.	INDEX	TTL. REQ.
NAS620CI0L	2-12	15	2
NAS620C2	2-7	31	2
	2-7	45	2
NAS620C416	2-3	86	16
NAS620C416L	2-3	22	1
	2-3	35	4
	2-3	46	4
NAS620C6	2-3	55	4
NAS620C8L	2-5	25	2
NAS662-2-9	2-7	6	8
NAS670C8	2-12	6	1
NAS671-10	2-5	44	2
NAS671-8	2-5	64	2
NAS679-C3	2-2	63	4
	2-2	74	2
	2-2	94	3
	2-3	90	4
	2-7	24	2
	2-7	36	6
	2-7	37	3
	2-7	38	6
	2-7	50	7
	2-7	51	1
	2-7	52	5
	2-7	52	1
NAS679A08	2-10	5	4
NAS679A3	2-2	13	4
	22	30	4
NAS679A3W	2-2	21	2
NAS679A3	2-8	8	5
	2-8	9	1
	2-8	10	1
	2-8	15	1
	2-8	25	1
	2-8	26	1
	2-8	27	1
NAS679A3W	2-2	5	1
	2-2	5	1
	2-2	5	1
NAS679C04	2-7	2	4
	2-7	22	4
	2-7	25	4
	2-7	58	4
	2-7	66	4
NAS679C08	2-7	11	1
	2-7	11	2
	2-7	16	3
	2-7	39	2
	2-7	53	2
	2-7	61	3
NAS679C3	2-3	49	1
NAS679C3M	2-5	7	2
	2-5	82	2
NAS679C4	2-3	14	1
	2-3	15	1
	2-5	19	2
NAS679C5	2-3	58	1
NAS75-3-011	2-2	51	1
NAS75-3-018	2-2	16	4
NAS75-3-019	2-2	16	4
PAP223963	2-2	106	1
PV6R10B6SNC	2-7	16	2
RE60G1300	2-7	31	1
	2-7	45	1
RV5928-4	2-10	4	16
R4G	2-13	2	4

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

PART NUMBER	FIG.	INDEX	TTL. REQ.
S8157N487-016	2-2	106	4
W-001	2-7	1	1
W-002	2-7	14	1
W-003	2-7	22	1
W-005	2-7	26	1
W-006	2-7	40	1
W-007	2-7	54	1
W-009	2-7	60	1
W-011	2-7	67	1
01-093-1	2-2	82	2
1N2071A	2-7	34	3
121460-2-1	2-2	58	2
121468-3-1	2-2	90	1
121468-4-1	2-2	75	1
121468-5-1	2-2	90	1
121468-6-1	2-2	75	1
121578-1-1	2-2	106	1
121878-1	2-3	77	1
121878-2	2-3	66	1
126372-3-1	2-2	92	1
126372-4-1	2-2	92	1
2S2594	2-8	22A	1
2002T73P01	2-2	8	2
232-20000-1	2-1	*	1
232-20000-2	2-1	*	1
232-20000-3	2-1	*	1
232-20100-501	2-1	1/2	1
	2-2	*	1
232-20100-502	2-2	*	1
232-20100-503	2-2	*	1
232-20100-504	2-2	*	1
232-20100-505	2-2	*	1
232-20100-506	2-2	*	1
232-20100-507	2-2	*	1
232-20100-508	2-2	*	1
232-20101-244	2-2	91	AR
232-20101-501	2-2	116	1
232-20101-502	2-2	116	1
232-20102-1	2-1	17	1
232-20102-2	2-1	17	1
232-20103	2-1	11	1
232-20103-1	2-6	*	1
232-20103-17	2-6	1	1
232-20103-19	2-6	2	1
		10	1
232-20103-23	2-6	3	1
232-20103-27	2-6	5	1
	2-6	11	1
232-20103-31	2-6	4	1
232-20103-33	2-6	8	1
232-20103-35	2-6	8	1
232-20103-36	2-6	9	1
232-20103-37	2-6	13	1
232-20104	2-1	10	1
232-20104-1	2-5	*	1
232-20104-5	2-5	34	1
232-20104-6	2-5	35	1
232-20104-7	2-5	93	1
232-20104-9	2-5	23	2
232-20104-11	2-5	33	2
232-20104-13	2-5	9	1
232-20104-14	2-5	9	1
232-20104-15	2-5	68	2
232-20104-17	2-5	76	1
232-20104-21	2-5	81	1
232-20107-9	2-13	2	3

PART NUMBER	FIG.	INDEX	TTL. REQ.
32-20107-11	2-13	1	1
232-20111-1	2-7	*	1
232-20112-5	2-7	19	1
232-20112-7	2-7	17	2
232-20113-1	2-7	*	1
232-20114-1	2-7	13	1
232-20115-1	2-7	21	1
232-20115-2	2-7	21	1
232-20117	2-8	12	1
232-20118-1	2-1	17	1
232-20118-2	2-1	17	1
232-20120	2-1	5	2
232-20120-1	2-2	1	1
232-20120-2	2-2	5	1
232-20120-3	2-2	5	1
232-20120-4	2-2	5	1
232-20121-1	2-2	1	1
	2-2	5	1
232-20121-3	2-2	5	1
	2-2	5	1
232-20121-5	2-2	2	1
	2-2	5	1
232-20121-7	2-2	5	1
	2-2	5	1
232-20122-1	2-2	5	1
232-20122-2	2-2	5	1
232-20122-3	2-2	5	1
232-20122-4	2-2	5	1
232-20123-1	2-2	1	1
232-20123-2	2-2	5	1
232-20123-3	2-7	1	1
232-20123-4	2-2	5	1
232-20125	2-1	4	2
232-20125-1	2-2	20	1
232-20126-1	2-2	24	2
232-20127-1	2-2	20	1
232-20129-1	2-13	10	1
232-20130-1	2-5	52	1
232-20130-2	2-5	53A	1
232-20130-3	2-5	52	1
232-20130-4	2-5	53A	1
232-20130-7	2-5	52	1
	2-5	53A	1
232-20130-9	2-5	53	1
	2-5	53A	1
232-20130-11	2-5	53A	1
232-20130-12	2-5	53A	1
232-20131-1	2-5	76	1
	2-5	76	1
232-20131-2	2-5	76	1
	2-5	76	1
232-20131-3	2-5	76	1
232-20131-4	2-5	76	1
232-20131-7	2-5	76	2
	2-5	76	2
232-20132-1	2-5	75	1
232-20132-2	2-5	75	1
232-20133-1	2-5	14	1
232-20133-2	2-5	14	1
232-20134-1	2-7	54	1
232-20134-2	2-7	54	1
232-20136-1	2-5	62	1
232-20136-2	2-5	62	1
232-20137-1	2-5	15	2
232-20138-1	2-5	15	1
232-20138-2	2-5	18	1

**ILLUSTRATED PARTS CATALOG
PART NO. 232-20000**

PART NUMBER	FIG.	INDEX	TTL. REQ.
232-20138-3	2-5	18	1
232-20138-4	2-5	18	1
232-20138-5	2-5	18	1
	2-5	18	1
232-20138-7	2-5	17	1
	2-5	18	1
232-20139-1	2-5	32	1
232-20139-2	2-5	32	1
232-20140-1	2-5	36	1
232-20140-5	2-5	36	1
232-20140-7	2-5	36	1
232-20140-9	2-5	36	1
232-20141-1	2-8	16	1
232-20142-501	2-5	72	REF
	2-7	3	2
232-20143-1	2-7	4	2
232-20144-1	2-7	5	2
232-20145-1	2-7	7	1
232-20145-2	2-7	7	1
232-20146-1	2-7	8	2
232-20146-3	2-7	8	1
232-20147-7	2-5	44	2
232-20147-9	2-5	46	1
232-20147-11	2-5	46	1
232-20148-11	2-5	30	1
232-20148-12	2-5	30	1
232-20149-11	2-5	46	1
232-20149-12	2-5	48	1
232-20149-13	2-5	48	1
232-20149-14	2-5	48	1
232-20150-3	2-5	21	2
232-20151-3	2-5	43	2
232-20159-3	2-5	7	2
232-20159-5	2-3	2	1
232-20159-5	2-5	58	2
232-20160-3	2-8	23	1
232-20161-501	2-13	5	1
232-20161-502	2-13	5	1
232-20163-3	2-2	9	2
232-20163-5	2-2	11	2
232-20169-33	2-8	24	1
	2-8	24	1
232-20169-35	2-8	24	1
232-20169-37	2-8	24	1
232-20169-39	2-8	24	1
	2-8	24	1
232-20169-41	2-8	24	1
	2-8	24	1
232-20169-43	2-8	24	1
	2-8	24	1
232-20169-503	2-8	24	1
	2-8	24	1
232-20169-505	2-8	24	1
232-20170-501	2-4	32	1
232-20170-503	2-4	32	1
232-20170-505	2-4	32	1
232-20176-501	2-3	7	1
232-20177-501	2-3	7	1
232-20186	2-1	6	1
232-20186-1	2-3	12	1
232-20186-23	2-3	12	1
232-20186-47	2-3	12A	AR
232-20187-1	2-1	19	1
	2-1	*	1
232-20187-2	2-1	19	1
	2-9	*	1
232-20187-7	2-9	7	1
232-20190-1	2-1	16	1

PART NUMBER	FIG.	INDEX	TTL. REQ.
232-20190-2	2-1	16	1
232-20191	2-1	14	1
232-20192	2-1	13	1
232-20193-1	2-1	20	1
	2-10	*	1
232-20193-2	2-1	21	1
	2-10	*	1
232-20193-3	2-10	1	1
232-20193-4	2-10	1	1
232-20193-9	2-10	2	1
232-20193-11	2-10	3	4
232-20193-13	2-10	4	8
232-20194-1	2-1	15	1
	2-11	*	1
232-20194-3	2-11	1	2
232-20195-1	2-7	15	1
232-20197-6	2-7	25	4
	2-7	25	4
	2-7	59	3
232-20199-1	2-7	13	REF
	2-11	2	1
232-20202	2-1	8	2
232-20202-503	2-3	25	2
232-20202-505	2-3	25	2
232-20203	2-1	9	1
232-20203-511	2-4	*	1
232-20209-17	2-2	37	1
232-20209-19	2-2	37	1
232-20209-21	2-2	37	1
232-20209-23	2-2	37	1
232-20209-25	2-2	37	1
232-20212-32-3		50	1
232-20212-501	2-3	47	2
232-20212-1001	2-3	49	1
232-20213-1	2-3	48	1
232-20214-5	2-3	49	1
232-20214-501	2-3	49	1
232-20215-5	2-3	59	1
232-20215-7	2-3	69	1
232-20215-501	2-3	59	1
232-20215-503	2-3	69	1
232-20216-1	2-2	79	1
232-20216-3	2-2	79	1
232-20216-5	2-2	79	1
232-20217-1	2-2	86	1
232-20218-1	2-2	85	1
232-20218-9	2-2	85	1
232-20219-503	2-3	27	2
232-20219-504	2-3	27	2
232-20220-1	2-3	84	2
232-20220-2	2-3	84	2
232-20224-27	2-8	4	1
232-20224-29	2-8	3	1
232-20224-31	2-8	4	1
232-20224-35	2-8	3	1
232-20224-37	2-8	2	1
232-20224-39	2-8	2	1
232-20224-41	2-8	11	1
232-20224-45	2-8	14	1
232-20224-47	2-8	14	1
232-20224-49	2-8	11	1
232-20224-50	2-8	11	1
232-20224-52	2-8	11	1
232-20224-225	2-8	11	1
232-20224-503	2-8	4	1
232-20224-505	2-8	3	1
232-20224-507	2-8	4	1
232-20224-511	2-8	3	1

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

PART NUMBER	FIG.	INDEX	TTL. REQ.
232-20224-513	2-8	2	1
232-20224-515	2-8	2	1
232-20224-517	2-8	11	1
232-20224-521	2-8	14	1
232-20224-523	2-8	14	1
232-20224-525	2-8	11	1
232-20224-526	2-8	11	1
232-20224-528	2-8	11	1
232-20226-11	2-1	17	2
232-20230-1	2-2	51	1
232-20230-3	2-2	52	1
232-20231-1	2-2	53	1
232-20235-13	2-3	15	1
232-20235-14	2-3	13	1
232-20235-17	2-3	13	2
232-20235-19	2-3	14	2
232-20235-20	2-3	12B	1
232-20235-505	2-3	15	2
232-20235-506	2-3	13	2
232-20235-507	2-3	15	2
232-20235-508	2-3	12B	2
232-20239-1	2-6	6	1
	2-6	12	1
232-20240-501	2-4	3	1
232-20240-503	2-4	3	1
232-20241-3	2-3	61	1
232-20242-3	2-2	38	1
232-20242-5	2-2	38	1
232-20244-1	2-3	56	4
232-20244-3	2-3	56	1
232-20248-11	2-8	30	1
232-20248-13	2-8	28	1
232-20250	2-1	7	1
232-20250-3	2-3	38	4
232-20250-13	2-3	40	4
232-20250-15	2-3	38	4
232-20250-17	2-3	38	4
232-20250-501	2-3	*	1
	2-2	57	1
232-20250-503	2-2	57	1
	2-3	*	1
232-20250-505	2-2	57	1
	2-3	*	1
232-20257-1	2-3	41	2
232-20257-2	2-3	41A	2
232-20257-5	2-3	41A	4
232-20258-19	2-3	39	4
232-20258-41	2-3	39	4
232-20258-501	2-3	35	2
232-20258-502	2-3	35	2
232-20258-503	2-3	35	2
232-20258-504	2-3	35	2
232-20258-505	2-3	35	2
232-20258-506	2-3	35	2
232-20258-507	2-3	36	2
232-20258-508	2-3	36	2
232-20258-509	2-3	36	2
232-20258-510	2-3	36	2
232-20258-511	2-3	36	2
232-20258-512	2-3	36	2
232-20258-513	2-3	36	2
232-20258-514	2-3	36	2
232-20259-9	2-4	33	1
232-20260-1	2-4	33	4
232-20261-3	2-3	6	4
232-20262	2-4	31	2
232-20262-501	2-3	72A	2
232-20264-1	2-3	5	1

PART NUMBER	FIG.	INDEX	TTL. REQ.
232-20264-3	2-3	5	1
232-20265-1	2-3	1	1
232-20268-501	2-3	44	4
232-20268-503	2-3	18	4
232-20269-501	2-3	12	1
232-20269-502	2-3	12	1
232-20270-1	2-1	19	1
	2-8	*	1
232-20270-33	2-8	1	1
232-20270-35	2-8	1	1
232-20270-37	2-8	1	1
232-20270-39	2-8	1	1
232-20270-51	2-8	32	1
232-20270-57	2-8	32	1
232-20270-61	2-8	29	1
232-20270-63	2-8	22	1
232-20270-65	2-8	29	1
232-20270-501	2-1	19	1
	2-8	*	1
232-20271-1	2-8	33	1
232-20272-1	2-8	33	1
232-20275-1	2-3	8	1
232-20276-1	2-3	8	1
232-20278-1	2-2	29	1
232-20279-1	2-3	67	1
232-20284-1	2-2	109	1
232-20284-3	2-2	110	1
232-20234-5	2-2	111	1
232-20286-1	2-8	13	1
232-20288-1	2-4	34	1
232-20288-501	2-4	34	1
232-20289-1	2-3	71	1
232-20289-3	2-3	64	1
232-20289-5	2-3	64	1
		71	1
232-20289-7	2-3	64	1
232-20290-1	2-2	111	1
232-20290-3	2-2	111	1
232-20290-5	2-2	111	1
232-20294-3	2-2	41	1
232-20294-501	2-2	37	1
232-20294-503	2-2	37	1
232-20294-505	2-2	37	1
232-20294-507	2-2	37	1
232-20294-509	2-2	37	1
232-20294-511	2-2	37	1
232-20294-513	2-2	37	1
232-20294-515	2-2	37	1
232-20294-517	2-2	37	1
232-20294-519	2-2	37	1
232-20295-1	2-4	11	1
232-20295-2	2-4	11	1
232-20296-3	2-3	77	1
232-20296-5	2-3	77	1
232-20296-7	2-3	66	1
232-20296-11	2-3	77	1
232-20296-12	2-3	66	1
232-20299-1	2-13	6	1
232-20299-5	2-13	6	1
232-20299-7	2-13	7	1
232-20299-9	2-13	7A	1
232-20299-11	2-13	7	1
232-20299-13	2-13	7	1
232-20327-1	2-4	17	1
20232-20328-1	2-4	15	2
0232-20328-2	2-4	15	2
0232-20329-1	2-4	23	1
6232-20330-1	2-4	24	1

ILLUSTRATED PARTS CATALOG
PART NO. 232-20000

PART NUMBER	FIG.	INDEX	TTL. REQ.
6232-20331-1	2-4	20	1
32232-20331-501	2-4	19	2
2232-20331-502	2-4	19	2
2232-20332-1	2-4	22	1
32232-20332-501	2-4	21	2
2232-20332-502	2-4	21	2
2232-20333-1	2-4	6	1
6232-20334-1	2-4	7	1
6232-20336-1	2-4	10	1
2232-20336-501	2-4	9	2
232-20336-502	2-4	9	2
232-20337-1	2-4	8	3
2232-20338-501	2-4	18	1
1232-20338-503	2-4	18	1
1232-20339-1	2-4	14	1
2232-20340-1	2-4	13	1
2232-20340-501	2-4	12	2
232-20340-502	2-4	12	2
232-20342-1	2-4	16	2
232-20342-2	2-4	16	2
232-20343-1	2-4	5	AR
232-20344-1	2-4	4	16
232-20345-1	2-4	2	48
232-20346-1	2-4	25	2
232-20347-501	2-4	25	2
232-20348-1	2-4	26	4
232-20348-501	2-4	27	4
232-20349-501	2-4	28	1
232-20351-1	2-4	29	1
232-20353-1	2-5	4	2
232-20355-1	2-7	1	4
232-20356-1	2-7	32	2
232-20357-503	2-7	34	1
232-20357-507	2-7	34	1
232-20358	2-5	67	2
232-20359-3	2-2	107	2
232-20359-5	2-2	107A	2
232-20359-6	2-2	107A	2
232-20367-3	2-12	4	1
232-20368-1	2-12	11	1
232-20368-3	2-12	12	1
232-20368-5	2-7	60	1
232-20368-5	2-12	13	1
232-20386-3	2-12	8	1
232-20388-3	2-12	7	1
232-20393-1	2-2	41	1
232-20393-3	2-2	42	1
232-20393-5	2-2	41	1
232-20393-6	2-2	45	1
232-20395-1	2-3	81	1
232-20396-1	2-3	78	1
232-20396-3	2-3	78	1
232-20396-5	2-3	79	1
232-20399-1	2-2	70	2
232-20399-3	2-2	71	AR
232-20400-1	2-7	32	2
	2-7	46	2
232-20401-1	2-2	107A	2
232-20401-2	2-2	107A	2
232-20404-1	2-1	18	1
	2-12	*	1
232-20404-2	2-1	18	1
	2-12	*	1
232-20406-1	2-2	115	1
232-20406-1	2-7	*	1
232-20406-2	2-7	*	1
232-20406-501	2-7	*	1
232-20406-502	2-7	*	1

PART NUMBER	FIG.	INDEX	TTL. REQ.
232-20407-1	2-10	5	1
232-20411	2-1	12	1
232-20411-1	2-7	*	1
232-20416-1	2-7	26	1
232-20416-2	2-7	40	2
232-20416-503	2-7	26	1
232-20416-504	2-7	40	1
232-20417-1	2-7	60	1
232-20417-2	2-7	60	1
232-20418-1	2-3	83	1
232-20418-3	2-3	83	1
232-20418-5	2-3	83	1
232-20418-7	2-3	83	1
232-20419-1	2-7	66	1
232-20419-2	2-7	67	1
232-20419-3	2-7	67	1
232-20420-1	2-2	67	1
232-20420-2	2-2	69	1
232-20421-1	2-1	181	REF
	2-2	67A	1
232-20421-5	2-1	18	REF
	2-2	60	1
232-20423-1	2-5	75A	1
232-20424-1	2-7	21	1
232-20425-1	2-7	18	1
232-20426-1	2-3	32	4
232-20428	2-7	17A	1
232-20429-1	2-3	24	4
232-20430-1	2-4	24	1
6232-20432	2-7	17A	1
232-20433-1	2-5	81	1
232-20433-2	2-5	81	1
232-20434-1	2-5	80	2
232-20435-1	2-5	77	2
232-20436-1	2-5	76	1
232-20436-2	2-5	76	1
232-20436-3	2-5	76	1
232-20436-4	2-5	76	1
232-20437-1	2-5	87	2
232-20438-1	2-5	85	1
232-20438-2	2-5	85	1
232-20439-1	2-5	84	1
232-20439-2	2-5	84	1
232-20440-1	2-5	91	1
232-20440-2	2-5	92	1
232-20440-3	2-5	91	1
232-20440-4	2-5	92	1
232-20440-5	2-5	91	1
	2-5	92	1
232-20440-6	2-5	92	1
232-20441-3	2-13	3	1
232-20441-4	2-13	3	1
232-20442-1	2-2	85	1
232-20443-1	2-2	44	1
232-20443-3	2-2	44	1
232-20444-1	2-2	43	1
232-20445-1	2-2	72	1
232-20445-3	2-2	72	1
232-20446-1	2-3	83A	1
232-20448-1	2-3	65	5
	2-3	75	5
232-20450-1	2-4	3	1
232-20450-15	2-4	3	1
232-20451-1	2-3	38	4
232-20454-1	2-7	33	1
	2-7	47	1
232-20455-1	2-2	86A	2
232-20456-1	2-2	78	2

