

 **BOEING**
COMPONENT
MAINTENANCE MANUAL

TO: ALL HOLDERS OF FAN DUCT COWL AND THRUST REVERSER ASSEMBLY COMPONENT
MAINTENANCE MANUAL 78-31-16

REVISION NO. 8 DATED MAR 01/04

HIGHLIGHTS

Pages which have been added or revised are outlined below together with the highlights of the revision. Remove and insert the affected pages as listed and enter Revision No. and date on the Record of Revision Sheet.

CHAPTER/SECTION

AND PAGE NO.

DESCRIPTION OF CHANGE

TITLE PAGE

Added Top Assemblies 315T3001-64SP, 315T4726-22.

1

TR & SB RECORD

Incorporated Service Bulletin 767-78-0061R4 and
767-78A0089.

1

1003-1035,1047-1082Q,
1082Y-1086A,1086C,
1086E-1086R,1086W-1088L,
10880,1088Q,1088S

303

Edited without technical change.

REPAIR 6-1

601

REPAIR 8-1

601-602

704,709

901

1028,1082Q

REPAIR 1-1

Clarified illustrations for Repair 1-1, 1-2, 2-1.

602

REPAIR 1-2

601

REPAIR 2-1

602

78-31-16

HIGHLIGHTS

01.1

Page 1

Mar 01/04

 **BOEING**
COMPONENT
MAINTENANCE MANUAL

CHAPTER/SECTION
AND PAGE NO.

REPAIR 8-1
601-602

DESCRIPTION OF CHANGE

Incorporated Temporary Revision 78-4 to revise the
REPAIR 8-1 to correspond with production drawing.

1002,1037,1039-1040,
1045-1046,1082T,
1082V-1082X,1086D,
1086T-1086V,1088N

Updated IPL illustrations.

78-31-16

HIGHLIGHTS

01.1

Page 2

Mar 01/04

FAN DUCT COWL AND THRUST REVERSER ASSEMBLY
(767; JT9D)

PART NUMBERS 315T3001-7SP THRU -10SP,-23SP
THRU -30SP,-33SP,-35SP,
-64SP

015T0438-55 THRU -68

315T4726-22 THRU -27,-29,-31
THRU -38,-99 THRU -105,
-107,-109 THRU -112,
-139,-140

COMPONENT MAINTENANCE MANUAL
WITH
ILLUSTRATED PARTS LIST

78-31-16

TITLE PAGE

01.1

Page 1

Mar 01/04

REVISION RECORD

- Retain this record in front of manual. On receipt of revision, insert revised pages in the manual, and enter revision number, date inserted and initial.

REVISION NUMBER	REVISION DATE	DATE FILED	BY	REVISION NUMBER	REVISION DATE	DATE FILED	BY

78-31-16

REVISION RECORD

01.1

Page 1

Sep 01/95

TEMPORARY REVISION AND SERVICE BULLETIN RECORD

BOEING SERVICE BULLETIN	BOEING TEMPORARY REVISION	OTHER DIRECTIVE	DATE OF INCORPORATION INTO MANUAL
		PRR B10134	JAN 10/82
		PRR B10165	JAN 10/82
		PRR B10395	APR 10/83
		PRR B10514	APR 10/83
		PRR VDC-T0029	APR 10/83
		PRR VDC-T0091	APR 10/83
		PRR VDC-T0175	APR 10/83
		PRR B10375	JAN 10/84
		PRR B10982	JAN 10/84
		PRR B11004	JAN 10/84
767-78-8		PRR B11117	JUL 10/84
		PRR C12203	JUL 10/84
767-78-9			JUL 10/84
		PRR B10638	JAN 10/86
		PRR B11287	JAN 10/86
		PRR B11315	JAN 10/86
767-71A25 Rev 1		PRR B11380	JAN 10/86
767-11-8			JAN 10/86
		PRR C12203	JAN 10/86
767-54-18			OCT 01/90
767-54A27			OCT 01/90
767-78-30			OCT 01/90
		PRR B11948	JAN 01/92
			APR 01/93
767-78-0061R2	78-4	PRR B12477R	SEP 01/95
767-78-0068R3		PRR B12477R	SEP 01/95
		PRR B12534	SEP 01/95
767-78-0061R4		PRR B12477R	MAR 01/04
767-78A0089		MRR 67801-0065	MAR 01/04

78-31-16

TR & SB RECORD

01.1

Page 1

Mar 01/04

PAGE	DATE	CODE	PAGE	DATE	CODE
78-31-16			DISASSEMBLY		CONT.
TITLE PAGE			304	SEP 01/95	01.1
*1	MAR 01/04	01.1	305	SEP 01/95	01.1
2	BLANK		306	SEP 01/95	01.1
REVISION RECORD			307	SEP 01/95	01.1
1	SEP 01/95	01.1	308	BLANK	
2	BLANK		CHECK		
TR & SB RECORD			501	SEP 01/95	01.1
*1	MAR 01/04	01.1	502	SEP 01/95	01.1
2	BLANK		503	SEP 01/95	01.1
LIST OF EFFECTIVE PAGES			504	BLANK	
*1	MAR 01/04	01	REPAIR-GENERAL		
THRU LAST PAGE			601	SEP 01/95	01.1
CONTENTS			602	SEP 01/95	01.1
1	SEP 01/95	01.1	603	SEP 01/95	01.1
2	BLANK		604	BLANK	
INTRODUCTION			REPAIR 1-1		
1	SEP 01/95	01.1	601	SEP 01/95	01.1
2	BLANK		*602	MAR 01/04	01.1
DESCRIPTION & OPERATION			REPAIR 1-2		
1	SEP 01/95	01.1	*601	MAR 01/04	01.1
2	BLANK		602	BLANK	
TESTING & TROUBLE SHOOTING			REPAIR 2-1		
101	SEP 01/95	01.1	601	SEP 01/95	01.1
102	SEP 01/95	01.1	*602	MAR 01/04	01.1
103	SEP 01/95	01.1	REPAIR 2-2		
104	SEP 01/95	01.1	601	SEP 01/95	01.1
105	SEP 01/95	01.1	602	BLANK	
106	BLANK		REPAIR 3-1		
DISASSEMBLY			601	SEP 01/95	01.1
301	SEP 01/95	01.1	602	SEP 01/95	01.1
302	SEP 01/95	01.1	603	SEP 01/95	01.1
*303	MAR 01/04	01.1	604	BLANK	

* = REVISED, ADDED OR DELETED

78-31-16

EFFECTIVE PAGES
CONTINUED Page 1
01 Mar 01/04

PAGE	DATE	CODE	PAGE	DATE	CODE
REPAIR 4-1			ASSEMBLY		CONT.
601	SEP 01/95	01.1	*709	MAR 01/04	01.1
602	SEP 01/95	01.1	710	SEP 01/95	01.1
603	SEP 01/95	01.1	711	SEP 01/95	01.1
604	BLANK		712	SEP 01/95	01.1
			713	SEP 01/95	01.1
REPAIR 5-1			714	SEP 01/95	01.1
601	SEP 01/95	01.1	715	SEP 01/95	01.1
602	BLANK		716	SEP 01/95	01.1
			717	SEP 01/95	01.1
REPAIR 6-1			718	BLANK	
*601	MAR 01/04	01.1			
602	SEP 01/95	01.1	FITS AND CLEARANCES		
			801	DEC 01/95	01.1
REPAIR 6-2			802	DEC 01/95	01.1
601	SEP 01/95	01.1	803	SEP 01/95	01.1
602	SEP 01/95	01.1	804	BLANK	
REPAIR 7-1			SPECIAL TOOLS		
601	SEP 01/95	01.1	*901	MAR 01/04	01.1
602	BLANK		902	BLANK	
REPAIR 8-1			ILLUSTRATED PARTS LIST		
*601	MAR 01/04	01.1	1001	SEP 01/95	01.1
*602	MAR 01/04	01.1	*1002	MAR 01/04	01.1
			*1003	MAR 01/04	01.1
REPAIR 8-2			*1004	MAR 01/04	01.1
601	SEP 01/95	01.1	*1005	MAR 01/04	01.1
602	BLANK		*1006	MAR 01/04	01.1
			*1007	MAR 01/04	01.1
REPAIR 9-1			*1008	MAR 01/04	01.1
601	SEP 01/95	01.1	*1009	MAR 01/04	01.1
602	SEP 01/95	01.1	*1010	MAR 01/04	01.1
			*1011	MAR 01/04	01.1
ASSEMBLY			*1012	MAR 01/04	01.1
701	SEP 01/95	01.1	*1013	MAR 01/04	01.1
702	SEP 01/95	01.1	*1014	MAR 01/04	01.1
703	SEP 01/95	01.1	*1015	MAR 01/04	01.1
*704	MAR 01/04	01.1	*1016	MAR 01/04	01.1
705	SEP 01/95	01.1	*1017	MAR 01/04	01.1
706	SEP 01/95	01.1	*1018	MAR 01/04	01.1
707	SEP 01/95	01.1	*1019	MAR 01/04	01.1
708	SEP 01/95	01.1	*1020	MAR 01/04	01.1

* = REVISED, ADDED OR DELETED

78-31-16

EFFECTIVE PAGES
 CONTINUED Page 2
 01 Mar 01/04

PAGE	DATE	CODE		PAGE	DATE	CODE	
ILLUSTRATED	PARTS LIST		CONT.	ILLUSTRATED	PARTS LIST		CONT.
*1021	MAR 01/04	01.1		*1063	MAR 01/04	01.1	
*1022	MAR 01/04	01.1		*1064	MAR 01/04	01.1	
*1023	MAR 01/04	01.1		*1065	MAR 01/04	01.1	
*1024	MAR 01/04	01.1		*1066	MAR 01/04	01.1	
*1025	MAR 01/04	01.1		*1067	MAR 01/04	01.1	
*1026	MAR 01/04	01.1		*1068	MAR 01/04	01.1	
*1027	MAR 01/04	01.1		*1069	MAR 01/04	01.1	
*1028	MAR 01/04	01.1		*1070	MAR 01/04	01.1	
*1029	MAR 01/04	01.1		*1071	MAR 01/04	01.1	
*1030	MAR 01/04	01.1		*1072	MAR 01/04	01.1	
*1031	MAR 01/04	01.1		*1073	MAR 01/04	01.1	
*1032	MAR 01/04	01.1		*1074	MAR 01/04	01.1	
*1033	MAR 01/04	01.1		*1075	MAR 01/04	01.1	
*1034	MAR 01/04	01.1		*1076	MAR 01/04	01.1	
*1035	MAR 01/04	01.1		*1077	MAR 01/04	01.1	
*1036	BLANK			*1078	MAR 01/04	01.1	
*1037	MAR 01/04	01.1		*1079	MAR 01/04	01.1	
*1038	MAR 01/04	01.1		*1080	MAR 01/04	01.1	
*1039	MAR 01/04	01.1		*1080A	MAR 01/04	01.1	
*1040	MAR 01/04	01.1		*1080B	MAR 01/04	01.1	
*1041	MAR 01/04	01.1		*1080C	MAR 01/04	01.1	
*1042	MAR 01/04	01.1		*1080D	MAR 01/04	01.1	
*1043	MAR 01/04	01.1		*1080E	MAR 01/04	01.1	
*1044	MAR 01/04	01.1		*1080F	MAR 01/04	01.1	
*1045	MAR 01/04	01.1		*1080G	MAR 01/04	01.1	
*1046	MAR 01/04	01.1		*1080H	MAR 01/04	01.1	
*1047	MAR 01/04	01.1		*1080I	MAR 01/04	01.1	
*1048	MAR 01/04	01.1		*1080J	MAR 01/04	01.1	
*1049	MAR 01/04	01.1		*1080K	MAR 01/04	01.1	
*1050	MAR 01/04	01.1		*1080L	MAR 01/04	01.1	
*1051	MAR 01/04	01.1		*1080M	MAR 01/04	01.1	
*1052	MAR 01/04	01.1		*1080N	MAR 01/04	01.1	
*1053	MAR 01/04	01.1		*1080O	MAR 01/04	01.1	
*1054	MAR 01/04	01.1		*1080P	MAR 01/04	01.1	
*1055	MAR 01/04	01.1		*1080Q	MAR 01/04	01.1	
*1056	MAR 01/04	01.1		*1080R	MAR 01/04	01.1	
*1057	MAR 01/04	01.1		*1080S	MAR 01/04	01.1	
*1058	MAR 01/04	01.1		*1080T	MAR 01/04	01.1	
*1059	MAR 01/04	01.1		*1080U	MAR 01/04	01.1	
*1060	MAR 01/04	01.1		*1080V	MAR 01/04	01.1	
*1061	MAR 01/04	01.1		*1080W	MAR 01/04	01.1	
*1062	MAR 01/04	01.1		*1080X	MAR 01/04	01.1	

* = REVISED, ADDED OR DELETED

78-31-16

EFFECTIVE PAGES
 CONTINUED Page 3
 01 Mar 01/04

PAGE	DATE	CODE	PAGE	DATE	CODE
ILLUSTRATED PARTS LIST		CONT.	ILLUSTRATED PARTS LIST		CONT.
*1080Y	MAR 01/04	01.1	*1084K	MAR 01/04	01.1
*1080Z	MAR 01/04	01.1	*1084L	MAR 01/04	01.1
*1081	MAR 01/04	01.1	*1084M	MAR 01/04	01.1
*1082	MAR 01/04	01.1	*1084N	MAR 01/04	01.1
*1082A	MAR 01/04	01.1	*1084O	MAR 01/04	01.1
*1082B	MAR 01/04	01.1	*1084P	MAR 01/04	01.1
*1082C	MAR 01/04	01.1	*1084Q	MAR 01/04	01.1
*1082D	MAR 01/04	01.1	*1084R	MAR 01/04	01.1
*1082E	MAR 01/04	01.1	*1084S	MAR 01/04	01.1
*1082F	MAR 01/04	01.1	*1084T	MAR 01/04	01.1
*1082G	MAR 01/04	01.1	*1084U	MAR 01/04	01.1
*1082H	MAR 01/04	01.1	*1084V	MAR 01/04	01.1
*1082I	MAR 01/04	01.1	*1084W	MAR 01/04	01.1
*1082J	MAR 01/04	01.1	*1084X	MAR 01/04	01.1
*1082K	MAR 01/04	01.1	*1084Y	MAR 01/04	01.1
*1082L	MAR 01/04	01.1	*1084Z	MAR 01/04	01.1
*1082M	MAR 01/04	01.1	*1085	MAR 01/04	01.1
*1082N	MAR 01/04	01.1	*1086	MAR 01/04	01.1
*1082O	MAR 01/04	01.1	*1086A	MAR 01/04	01.1
*1082P	MAR 01/04	01.1	*1086B	MAR 01/04	01.1
*1082Q	MAR 01/04	01.1	*1086C	MAR 01/04	01.1
*1082R	BLANK		*1086D	MAR 01/04	01.1
*1082S	MAR 01/04	01.1	*1086E	MAR 01/04	01.1
*1082T	MAR 01/04	01.1	*1086F	MAR 01/04	01.1
*1082U	MAR 01/04	01.1	*1086G	MAR 01/04	01.1
*1082V	MAR 01/04	01.1	*1086H	MAR 01/04	01.1
*1082W	MAR 01/04	01.1	*1086I	MAR 01/04	01.1
*1082X	MAR 01/04	01.1	*1086J	MAR 01/04	01.1
*1082Y	MAR 01/04	01.1	*1086K	MAR 01/04	01.1
*1082Z	MAR 01/04	01.1	*1086L	MAR 01/04	01.1
*1083	MAR 01/04	01.1	*1086M	MAR 01/04	01.1
*1084	MAR 01/04	01.1	*1086N	MAR 01/04	01.1
*1084A	MAR 01/04	01.1	*1086O	MAR 01/04	01.1
*1084B	MAR 01/04	01.1	*1086P	MAR 01/04	01.1
*1084C	MAR 01/04	01.1	*1086Q	MAR 01/04	01.1
*1084D	MAR 01/04	01.1	*1086R	MAR 01/04	01.1
*1084E	MAR 01/04	01.1	*1086S	BLANK	
*1084F	MAR 01/04	01.1	*1086T	MAR 01/04	01.1
*1084G	MAR 01/04	01.1	*1086U	MAR 01/04	01.1
*1084H	MAR 01/04	01.1	*1086V	MAR 01/04	01.1
*1084I	MAR 01/04	01.1	*1086W	MAR 01/04	01.1
*1084J	MAR 01/04	01.1	*1086X	MAR 01/04	01.1

* = REVISED, ADDED OR DELETED

78-31-16

EFFECTIVE PAGES
 CONTINUED Page 4
 01 Mar 01/04

PAGE	DATE	CODE	PAGE	DATE	CODE
ILLUSTRATED PARTS LIST		CONT.			
*1086Y	MAR 01/04	01.1			
*1086Z	MAR 01/04	01.1			
*1087	MAR 01/04	01.1			
*1088	MAR 01/04	01.1			
*1088A	MAR 01/04	01.1			
*1088B	MAR 01/04	01.1			
*1088C	MAR 01/04	01.1			
*1088D	MAR 01/04	01.1			
*1088E	MAR 01/04	01.1			
*1088F	MAR 01/04	01.1			
*1088G	MAR 01/04	01.1			
*1088H	MAR 01/04	01.1			
*1088I	MAR 01/04	01.1			
*1088J	MAR 01/04	01.1			
*1088K	MAR 01/04	01.1			
*1088L	MAR 01/04	01.1			
*1088M	BLANK				
*1088N	MAR 01/04	01.1			
*1088O	MAR 01/04	01.1			
*1088P	MAR 01/04	01.1			
*1088Q	MAR 01/04	01.1			
*1088R	MAR 01/04	01.1			
*1088S	MAR 01/04	01.1			
*1088T	BLANK				

* = REVISED, ADDED OR DELETED

78-31-16

EFFECTIVE PAGES
 LAST PAGE Page 5
 01 Mar 01/04

015T0438
315T3001
315T4726



TABLE OF CONTENTS

<u>Paragraph Title</u>	<u>Page</u>
Description and Operation.	1
Testing and Trouble Shooting	101
Disassembly.	301
Cleaning (not applicable)	
Check.	501
Repair	601
Assembly	701
Fits and Clearances.	801
Special Tools, Fixtures, and Equipment	901
Illustrated Parts List	1001

78-31-16

CONTENTS

Page 1

Sep 01/95

01.1

INTRODUCTION

The instructions in this manual provide the information necessary to perform maintenance functions ranging from simple checks and replacement to complete shop-type repair.

This manual is divided into separate sections:

- | | |
|--|------------------------------|
| 1. Title Page | 4. List of Effective Pages |
| 2. Record of Revisions | 5. Table of Contents |
| 3. Temporary Revision &
Service Bulletin Record | 6. Introduction |
| | 7. Procedures & IPL Sections |

Refer to the Table of Contents for the page location of applicable sections. An asterisked flagnote *[] in place of the page number indicates that no special instructions are provided since the function can be performed using standard industry practices.

The beginning of the REPAIR section includes a list of the separate repairs, a list of applicable standard Boeing practices, and an explanation of the True Position Dimensioning symbols used.

An explanation of the use of the Illustrated Parts List is provided in the Introduction to that section.

All weights and measurements used in the manual are in English units, unless otherwise stated. When metric equivalents are given they will be in parentheses following the English units.

Design changes, optional parts, configuration differences and Service Bulletin modifications create alternate part numbers. These are identified in the Illustrated Parts List (IPL) by adding an alphabetical character to the basic item number. The resulting item number is called an alpha-variant. Throughout the manual, IPL basic item number references also apply to alpha-variants unless otherwise indicated.

Verification:

Disassembly
Assembly

78-31-16

INTRODUCTION

01.1

Page 1

Sep 01/95

FAN DUCT COWL AND THRUST REVERSER ASSEMBLY

DESCRIPTION AND OPERATION

1. Description

A. The fan duct cowl and thrust reverser assembly consists of the following components: cascade vanes, actuation system, supporting stationary structure, translating sleeve, and blocker doors with linkages. The actuation system contains two or four locking actuators and the lower non locking actuators have a manual drive assembly or a synchronous shaft lock assembly. The assembly is constructed in two halves and may be installed without interfering with basic engine installation. A hinge point on the strut assures quick engine access or removal. Hold-open rods support the cowl in the open position of approximately 45 degrees. A vee-band latch secures the cowl in the closed position.

2. Operation

A. During operation, six mechanically synchronized and internally snubbed hydraulic actuators translate the thrust reverser sleeve approximately 21 inches in the aft direction. Sensors indicate unlock of the sleeve from the stowed position. The relative motion between the sleeve and the fixed structure causes the twelve blocker doors to rotate and redirect the normal flow of fan air through the cascade vanes to provide reverse thrust. In the event the thrust reverser is inadvertently deployed or stowed, a feedback mechanism drives the throttle to idle. Following the deployment and restow cycle, two or four of the actuators lock the thrust reverser in the stowed position.

3. Leading Particulars (Approx.)

Length -- 57 inches
Diameter -- 108 inches
Weight -- 707-741 lbs.

78-31-16

DESCRIPTION & OPERATION

01.1

Page 1

Sep 01/95

TESTING AND TROUBLE SHOOTING

1. Equipment

NOTE: Equivalent substitutes may be used.

- A. Support Stand, Functional Test -- A78011-63
- B. Hydraulic Service Cart -- Capable of supplying BMS 3-11, type 4, hydraulic fluid at 0-3000 psi filtered to 15 microns absolute.

2. Preparation for Manual Extension Test

A. Ensure that deactivation pin (406, IPL Fig. 1) is not installed at the clevis end of the center locking actuator (270C, IPL Fig. 2). Pin is normally stored in the cowl open/close switchbox.

B. For thrust reversers not modified by SB 767-78-0068:

- (1) Release lock on locking actuator (270C, IPL Fig. 2) by pushing lock lever in the aft direction and engaging trip lever.

NOTE: For actuators without trip levers, the lock lever must be held in the unlock position until the sleeve has started to translate aft.

C. For thrust reversers modified by SB 767-78-0068:

- (1) Release the locks on both upper and center locking actuators (270C, 350, 380, IPL Fig. 2) by pushing lock lever in the aft direction and engaging trip lever.

NOTE: For actuators without trip levers, the lock lever must be held in the unlock position until the sleeve has started to translate aft.

3. Manual Extension Test

CAUTION: THE FEEDBACK MECHANISM ON THE LOCKING ACTUATOR MUST BE SYNCHRONIZED WITH THE ACTUATOR PISTON ROD OR INTERNAL DAMAGE TO THE ACTUATOR WILL RESULT.

A. For thrust reversers not modified by SB 767-78-0061:

- (1) Manually crank flex cable at lower non-locking actuator (265C, IPL Fig. 2) and extend the thrust reverser sleeve to the fully deployed position. Verify that the sleeve moves smoothly for the entire extension with no evidence of binding.

CAUTION: THE FEEDBACK MECHANISM ON THE LOCKING ACTUATOR MUST BE SYNCHRONIZED WITH THE ACTUATOR PISTON ROD OR INTERNAL DAMAGE TO THE ACTUATOR WILL RESULT.

B. For thrust reversers modified by SB 767-78-0061:

- (1) Operate the manual crank, integral to the synchlock located at lower non-locking actuator (265C, IPL Fig. 2) and extend the thrust reverser sleeve to the fully deployed position. Verify that the sleeve moves smoothly for the entire extension with no evidence of binding.

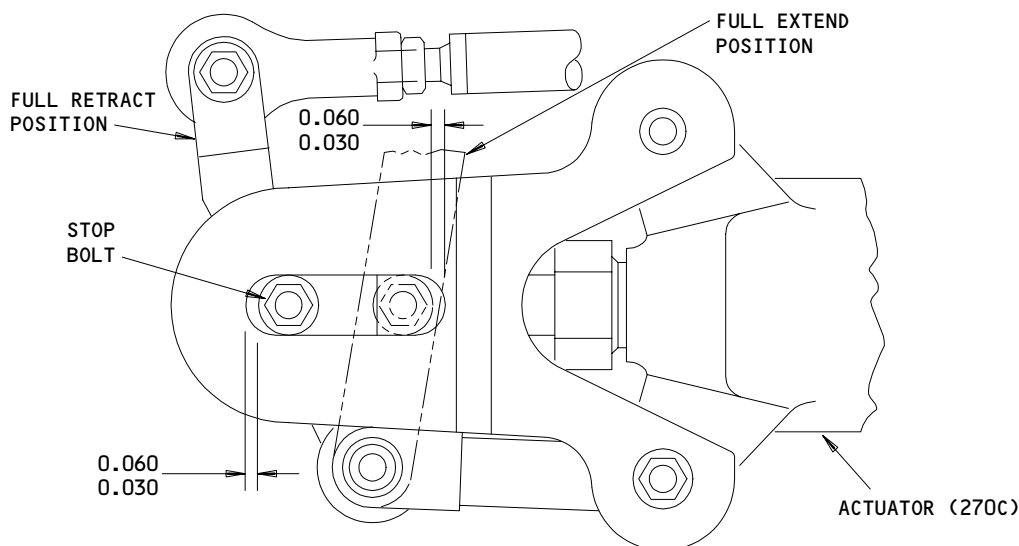
C. With the center locking actuator (270C, IPL Fig. 2) at the fully extended position, check the feedback mechanism for proper synchronization. The stop bolt on the actuator feedback mechanism must be positioned in the stop bracket as shown in Fig. 101. Refer to National Waterlift Actuator Assembly CMM 78-31-01 if this requirement is not met.

D. Release the trip levers again on the appropriate locking actuators.

NOTE: This step applies to actuators with trip levers.

78-31-16

TESTING & TROUBLE SHOOTING
01.1 Page 102
Sep 01/95



ITEM NUMBERS REFER TO IPL FIG. 1
ALL DIMENSIONS ARE IN INCHES

Locking Actuator Feedback Synchronization Check
Figure 101

199514

CAUTION: THE MANUAL CRANK OVERRIDE MAY RATCHET BEFORE THE THRUST REVERSER SLEEVE IS BROUGHT TO THE FULLY STOWED POSITION. THIS CONDITION IS NORMAL. DO NOT ATTEMPT TO FULLY RETRACT THE SLEEVE BY BREAKING INTO THE ACTUATOR DRIVE MECHANISM.

E. Manually crank the thrust reverser sleeve to the retract position. Verify that the sleeve slides smoothly with no evidence of binding.

4. Preparation for Hydraulic Test

CAUTION: THE FEEDBACK MECHANISM ON THE LOCKING ACTUATOR MUST BE SYNCHRONIZED WITH THE ACTUATOR PISTON ROD OR INTERNAL DAMAGE TO THE ACTUATOR WILL RESULT.

- A. Check that the stop bolt on the locking actuator (270C, IPL Fig. 2) feedback mechanism is positioned in the stop bracket as shown in Fig. 101. Refer to National Waterlift Actuator Assembly CMM 78-31-01 if this requirement is not met.
- B. Make hydraulic supply connections to directional and flow control valves and the thrust reverser EXTEND connector (205, IPL Fig. 2) and RETRACT connector (210, IPL Fig. 2).
- C. Ensure that all hydraulic hoses, connectors, and tubing clamps are tightened.

78-31-16

TESTING & TROUBLE SHOOTING
01.1 Page 103
Sep 01/95

- D. Check that the thrust reverser sleeve has been manually retracted to the stowed position to the point at which the actuator mechanism ratchets.
- E. Check that the deactivation pin (406, IPL Fig. 1) is not installed at the clevis end of the locking actuator (270C, IPL Fig. 2).

5. Reduced Hydraulic Pressure Test

CAUTION: CHECK ENTIRE ASSEMBLY TO ENSURE THAT THERE ARE NO OBSTRUCTIONS WHICH MAY PREVENT MOVEMENT OF THE THRUST REVERSER SLEEVE. VERIFY THAT THE AREA IS CLEAR OF PERSONNEL AND EQUIPMENT.

- A. Adjust hydraulic supply pressure to 2000 psi and activate directional control valve to fully retract the thrust reverser sleeve to the stowed position.
- B. Activate the directional control valve to deploy the thrust reverser sleeve.
- C. Verify that the thrust reverser sleeve extends to the fully deployed position with no evidence of binding.
- D. Activate the directional control valve to return the sleeve to the fully stowed position.

6. Full Hydraulic Pressure Test

CAUTION: CHECK ENTIRE ASSEMBLY TO ENSURE THAT THERE ARE NO OBSTRUCTIONS WHICH MAY PREVENT MOVEMENT OF THE THRUST REVERSER SLEEVE. VERIFY THAT THE AREA IS CLEAR OF PERSONNEL AND EQUIPMENT.

- A. Increase hydraulic supply pressure to 3000 psi.
- B. Operate the directional control valve to extend the thrust reverser sleeve to the fully deployed position and then back to the fully stowed position. Repeat this sequence for 10 cycles. The thrust reverser sleeve shall operate smoothly and without binding. No hydraulic fluid leaks shall be evident.

7. Electrical Test

- A. For thrust reversers not modified by SB 767-78-0061:

- (1) Check continuity of wire bundles (40 thru 75, IPL Fig. 3) per Wiring Diagram Manual.

- | B. For thrust reversers modified by SB 767-78-0061:
 - | (1) Check continuity of wire bundles (40 thru 75, IPL Fig. 3) as shown in the THRUST REVERSER WIRE CHANGES, Fig. 32 in Service Bulletin 767-78-0061 and Wiring Diagram Manual.
- C. Check operation of UNLOCK, DEPLOY, and RESTOW sensors (Fig. 706) per manufacturers instructions.

78-31-16

TESTING & TROUBLE SHOOTING

01.1

Page 105

Sep 01/95

DISASSEMBLY

1. Equipment

NOTE: Equivalent substitutes may be used.

A. Support Stand -- A78011-63

2. Parts Replacement

NOTE: The following parts are recommended for replacement.
Unless otherwise specified, actual replacement of parts may be based on in-service experience.

A. Cotter pins

3. Disassembly

NOTE: See Testing and Trouble Shooting to establish the condition of the component or most probable cause of its malfunction. This is to determine the extent of disassembly required without completely tearing down and rebuilding the component.

A. Wire Bundle Installation (IPL Fig. 3 unless noted)

- (1) Disconnect wire bundles (40, 45) on left side of cowl assy (783, 786 IPL Fig. 1) from actuator switch installation (409, 410, IPL Fig. 1), zone ventilation system installation, 315T3128 (CMM 71-11-31, 71-11-32, 71-11-33), actuator unlock and deploy sensors (195B, IPL Fig. 1), and auto restow (220B, IPL Fig. 1).
- (2) Disconnect wire bundle (40) from synch shaft lock (235A, IPL Fig. 2) for thrust reversers modified by Service Bulletin, 767-78-0061.

- (3) If necessary, remove wire bundles (40, 45) by removing items (5 thru 30).
 - (4) Disconnect wire bundles (70, 75) on right side of cowl assy (790, 793, IPL Fig. 1) from actuator switch installation (412, IPL Fig. 1), actuator unlock and deploy sensors (196B, IPL Fig. 1), and auto restow sensor (221B, IPL Fig. 1).
 - (5) Disconnect wire bundle (70) from synch shaft lock (235A , IPL Fig. 2) for thrust reversers modified by Service Bulletin, 767-78-0061.
 - (6) If necessary, remove wire bundles (70, 75) by removing items (5 thru 30).
- B. Actuator and Tubing Installation (IPL Fig. 2 unless noted) for thrust reversers not modified by SB 767-78-0068.
- (1) Loosen tube nuts at ends of flex tubing (185A) and tube assemblies (100 thru 120).
 - (2) Remove bolts (12A, 15A), nuts (40, 45), and washers (20, 25).
 - (3) Remove shims, fairleads and channels (50 thru 98) and spacers (30A, 35A).
 - (4) Remove flex shaft and flex tubing (180, 185A) and tube assys (100 thru 120).
 - (5) Remove elbow fitting (175).
 - (6) Remove hose assemblies (205, 210).
 - (7) Remove union (190) by removing washers (195) and nut (200).
 - (8) Remove manual drive adapter (235) or synch shaft lock (235A) from lower non-locking actuator (265C).
 - (9) Disconnect link assy (20, IPL Fig. 5) from actuator fittings by removing items (140, 155, 160, 170, IPL Fig. 5). Discard cotter pin.
 - (10) Remove fitting assemblies (240), shims (260) and bolts (245) at actuator gimbal attach points. Note shim thickness to facilitate reassembly.
 - (11) Disconnect rod end of actuators at attach fittings by removing cotter pins (275), bolts (280), washers (285), bushings (290) and nuts (295). Discard cotter pin (275).

78-31-16

DISASSEMBLY

01.1

Page 302

Sep 01/95

- | (12) Remove actuators (265C, 270C). Retain cap assys (220, 230) on actuators. Ensure dust covers are installed on all fittings and tubing.

- C. Actuator and Tubing Installation (IPL Fig. 2 unless noted) for Thrust Reversers modified by SB 767-78-0068.
 - (1) Loosen tube nuts at ends of flex tubings (185A), tube assemblies (100 thru 120, 305, 325, 330, 355, 360).
 - (2) Remove bolts (12A, 15A) nuts (40, 45), and washers (20, 25).
 - (3) Remove shims, fairleads and channels (50 thru 98) and spacers (30A, 35A).
 - (4) Remove flex shaft and flex tubing (180, 185A), tube assemblies (100 thru 120, 305, 325, 330, 355, 360) and tees (345, 375).
 - (5) Remove elbow fitting (175).
 - (6) Remove hose assemblies (205, 210).
 - (7) Remove union (190) by removing washers (195) and nut (200).
 - (8) Remove manual drive adapter (235) or the synch shaft lock (235A) from the lower non-locking actuator (265C).
 - (9) Disconnect link assembly (20, IPL Fig. 5) from actuator fittings by removing items (140, 155, 160, 170, IPL Fig. 5). Discard cotter pin.
 - (10) Remove fitting assembly (240), shim (260) and bolts (245) at actuator gimbal attach points. Note shim thickness to facilitate reassembly.

- (11) Disconnect rod end of actuators at attach fittings by removing cotter pins (275), bolts (280), washers (285), bushings (290) and nuts (295). Discard cotter pin (275).
- (12) Remove actuators (265C, 270C, 350, 380). Retain cap assemblies (220, 230) on actuators. Ensure dust covers are installed on all fittings and tubing.

D. Fan Duct Cowl and Thrust Reverser Assy (IPL Fig. 1 unless noted)

- (1) Remove hold open rod (660B) from rod installation (624, 625) by removing items bolt (630A), nut (640) and retainer (643). Do not remove bushings (633, 636) unless repair is required.
- (2) Remove hold open rod receiver (653) by removing bolts (656A).
- (3) Remove nipple (185) from auto unlock sensor on locking actuators (270C, IPL Fig. 2).
- (4) Disconnect nut (240), ferrule (235), and connector (245) from conduit (270, 275).
- (5) Remove clamp (250) from angle (280A, 285A) by removing items (255 thru 265).
- (6) Remove auto restow sensor (220B, 221B) by removing items (225, 230).
- (7) Remove deploy sensor (195B, 196B) and nipple (185) by removing threaded ring. Do not remove spacer (615) and rivets (618) unless replacement is required.
- (8) Do not remove decals (315 thru 358) unless they are damaged and require replacement.

78-31-16

DISASSEMBLY

01.1

Page 304

Sep 01/95

- (9) Remove target (290A) by removing items (295A thru 305).
- (10) Remove target (215, IPL Fig. 5) by removing items (185A thru 210, IPL Fig. 5).
- (11) Disconnect clevis (40, IPL Fig. 5) from bellcrank assy (60, 65, IPL Fig. 5) by removing items (145, 150, 155, 160, 165, IPL Fig. 5). Discard cotter pin.
- (12) Remove tamper proof putty from threaded end of bolt (220, IPL Fig. 5) and remove crank assembly (60, 65, IPL Fig. 5) by removing nut (240, IPL Fig. 5), washers (230, 235, IPL Fig. 5), bolt (220, IPL Fig. 5), bolt retainer (250, IPL Fig. 5), bushing (245, IPL Fig. 5), springs (260 thru 275, IPL Fig. 5), and spacer (225, IPL Fig. 5).

NOTE: Do not remove bearings (70, 115, 255, IPL Fig. 5) or bushings (75, 80, IPL Fig. 5) from bellcrank (120, 125, IPL Fig. 5) unless repair or replacement is required.
- (13) Remove washer (95, IPL Fig. 5) from bellcrank assy (60, 65, IPL Fig. 5) by removing items (85, 90, 100, IPL Fig. 5).
- (14) Remove band retainers (672) from latch installation (669, 671) by removing bolts (673) and washers (674).
- (15) Remove latch band assy (676, 678) from outer edge of cowl assy.
- (16) Hinge fitting (680) may be removed from band, if required, by removing items (681, 682, 683).
- (17) If necessary, remove receiver (685A) and receiver assy (687A) from band (690, 691) by removing rivets (688).
- (18) Remove deactivation pin (406) from storage hole in actuator switch installation (409, 410, 412), if repair is required.

- (19) Do not remove decals from the switch installation unless they are damaged and require replacement.
- (20) Remove cover assy (420 thru 424) from actuator switch installation (409, 410, 412) by removing screws (426), if necessary.
- (21) If required, disconnect wiring and remove switches (443 thru 450), switch guards (415, 416, 418), screws, washers and nuts (433, 436, 440) and connectors (430).
- (22) Disconnect drag links (Ref 78-31-22) from hinge fittings (703, 730, 733) by removing items (693, 696, 700, 720, 723, 726).
- (23) Remove lower hinge fittings (730, 733) by removing items (736 thru 758). Do not remove bushings (760) from fittings (763, 766, 770) unless repair is necessary.
- (24) Remove hinge fittings (703) by removing items (706, 709, 717, 718B). Do not remove bushings (712) from fittings (715) unless repair is required.
- (25) Remove thrust reverser sleeve (776, 780) from the fan duct cowl assembly (783, 786, 790, 793).
- (26) Remove upper stop bumper assy (360, 363) by removing bolts (366A). If required, nutplates (370) may be removed from stop bumper (376, 380) by removing rivets (373).
- (27) Remove lower stop bumper assy (383, 386) by removing bolts (390A). If required, nutplates (393) may be removed from stop bumper (400, 403) by removing rivets (396).
- (28) Remove fairing installation (122, 123) by removing bolts (110, 115, 120A). Fairing clip (140, 145) and bracket (150A, 155A) may be removed from fairing (165, 170) by removing bolts (160). Do not remove rubstrip (125, 130) or rivets (135) unless repair is necessary.
- (29) Remove fairing installation (IPL Fig. 4) as follows:
 - (a) Remove fairing assy (155A) by removing bolts (10B, 15B, 30).
 - (b) Rub strip (175, 180) may be removed from bond assy (165, 170), if necessary, by removing rivets (172).

- (c) Remove bracket assy (20B, 25B) and fairing assy (100A, 105A) from bond assy (165, 170) by removing bolts (40B, 107B) and shim (109).
 - (d) Remove fairing assy (100A, 105A) from bracket assy (20B, 25B) by removing bolts (35) and shim (45).
 - (e) Remove clip assy (110, 115) from bond assy (145, 150) by removing bolts (117).
 - (f) If necessary, remove tee (65, 70) or nutplates (85) from bracket (90B, 95B) by removing rivets (55, 60, 75).
- (30) If nameplate (796) is damaged, it may be removed by removing rivets 800).
- E. Refer to CMM 78-31-22 for details of disassembly of the sleeve assembly.
- F. Refer to the applicable CMM 71-11-31, CMM 71-11-32, or CMM 71-11-33 for details of disassembly of the fan cowl assembly.

CHECK

1. Check all parts for obvious defects in accordance with standard industry practices.
2. Perform penetrant check per 20-20-02 (IPL Fig. 1 unless noted) --
 - A. Retainer (672)
 - B. Band (690, 691)
 - C. Pin (700)
 - D. Stop bumper (376, 380, 400, 403)
 - | E. Clevis (40, IPL Fig. 5)
 - | F. Fittings (715, 763, 766, 770)
 - | G. Bellcrank (120, 125, IPL Fig. 5)
 - | H. Washer (696)
3. Perform magnetic particle check per 20-20-01 (IPL Fig. 1 unless noted) --
 - | A. Rod end (35, IPL Fig. 5)
 - | B. Spring (260 thru 275, IPL Fig. 5)
 - | C. Hinge fitting (680)
 - D. Deactivation Pin (406)
 - | E. Fitting assembly (240, 242, 243, IPL Fig. 2)
4. Visual Check
 - A. Check honeycomb and bonded parts for evidence of delamination, internal moisture, scratches, and contour defects.
 - (1) Tap surface at honeycomb or bonded structure slightly with coin or plastic rod. Go over entire surface. Normal structure will produce a solid sound; delaminated areas will produce a dull, hollow sound; and areas containing moisture will produce a dull, solid sound.
 - (2) Examine areas suspected of containing moisture radiographically to determine extent of damage.

78-31-16

CHECK

01.1

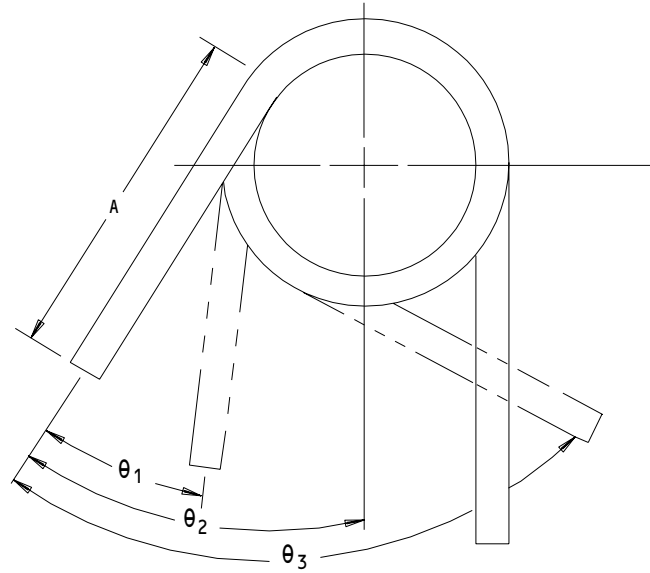
Page 501

Sep 01/95

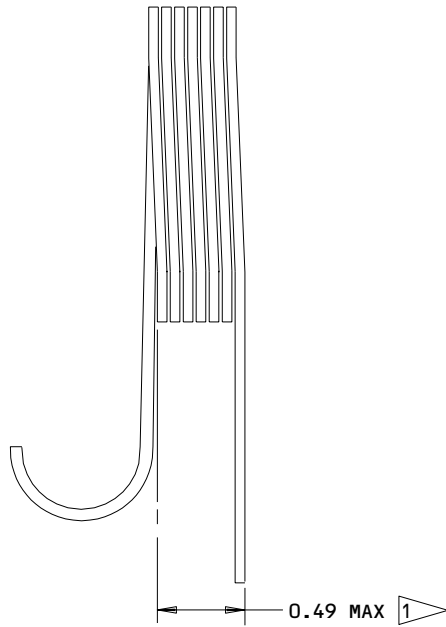
- (3) Examine edges of panel carefully for cuts and abrasions. Delamination starts very easily from damage to an edge member of honeycomb panel.
- B. Refer to 767 Structural Repair Manual 54-30-01 and 54-30-02 for allowable damage data.
- 5. Check springs (260 thru 275, IPL Fig. 5) per Fig. 501 using spring fixture A78010 or equivalent.

78-31-16

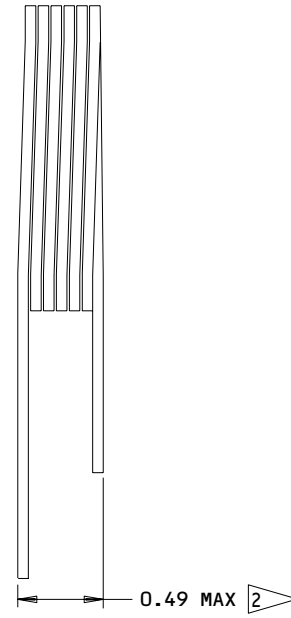
CHECK
01.1 Page 502
Sep 01/95



	A (INCHES)	θ_1 (DEG)	θ_2 (DEG)	θ_3 (DEG)	MIN MOMENT AT θ_1 (POUND-INCHES)	MAX MOMENT AT θ_3 (POUND-INCHES)
315T3632-1,-2	1.80	12	69	81	3.69-4.51	23.89-30.91
315T3632-3,-4	2.05	28	33	97	5.67-8.91	19.60-30.80



315T3632-3,-4



315T3632-1,-2

- 1 APPLIES WHEN 2.05 IN. ARM DEFLECTED 33°
- 2 APPLIES WHEN 1.80 IN. ARM DEFLECTED 69°

Spring Check
 Figure 501

78-31-16

CHECK
 Page 503
 Sep 01/95

01.1

REPAIR – GENERAL

NOTE: Refer to Structural Repair Manual, Chapter 54, for repair of structural components.

1. Content

A. Repair, refinish and replacement procedures, as applicable, are included in separate repair sections as follows:

<u>P/N</u>	<u>NAME</u>	<u>REPAIR</u>
315T3102	HINGE FITTING ASSY	1-1, 1-2
315T3103	HINGE FITTING ASSY	2-1, 2-2
315T3529	FAIRING ASSY	3-1
315T3530	FAIRING ASSY	4-1
315T1604	DEACTIVATION PIN	5-1
315T3722	BELLCRANK ASSY	6-1, 6-2
315T3656	COVER	7-1
315T3013	LINK ASSEMBLY	8-1
315T3009	LINK	8-2
- -	MISCELLANEOUS PARTS	9-1

2. Standard Practices

A. Refer to the following standard practices, as applicable, for details of procedures in REPAIRS 1-1 thru 8-1.

- | 20-10-03 Shot-Peening
- 20-10-06 Repair of Conductive Coatings
- 20-11-03 Repair of Electrical Terminations and Electrical Bonding Areas
- 20-30-02 Stripping of Protective Finishes
- 20-41-01 Decoding Table for Boeing Finish Codes
- 20-41-02 Application of Chemical and Solvent Resistant Finishes
- 20-50-03 Bearing Installation and Retention
- 20-50-08 Application of Dry Lubricant

3. Materials

NOTE: Equivalent substitutes may be used.

- A. Enamel -- BMS 10-11, type 2, gloss (Ref 20-60-02)
- B. Enamel -- BMS 10-60, type 2, grey gloss (Ref 20-60-02)
- C. Enamel -- BMS 10-86, type 1, white (Ref 20-60-02)
- D. Lubricant -- BMS 3-8, Class A (Ref 20-60-03)
- E. Primer -- BMS 10-11, type 1 (Ref 20-60-02)
- F. Primer -- BMS 10-79, type 2, 3 (Ref 20-60-02)
- G. Coating -- BMS 10-21, type 1 (Ref 20-60-04)
- H. Adhesive -- type 94 (Ref 20-50-12)

4. Dimensioning Symbols

- A. Standard True Position Dimensioning Symbols used in applicable repair procedures are shown in Fig. 601.

78-31-16

REPAIR-GENERAL

01.1

Page 602

Sep 01/95

- STRAIGHTNESS
- ▭ FLATNESS
- ⊥ PERPENDICULARITY (OR SQUARENESS)
- // PARALLELISM
- ROUNDNESS
- ⊙ CYLINDRICITY
- ⌒ PROFILE OF A LINE
- △ PROFILE OF A SURFACE
- ◎ CONCENTRICITY
- ≡ SYMMETRY
- ∠ ANGULARITY
- ↗ RUNOUT
- ↗ TOTAL RUNOUT
- ⊏ COUNTERBORE OR SPOTFACE
- ∇ COUNTERSINK

- ⊕ THEORETICAL EXACT POSITION OF A FEATURE (TRUE POSITION)
- ∅ DIAMETER
- S ∅ SPHERICAL DIAMETER
- R RADIUS
- SR SPHERICAL RADIUS
- () REFERENCE
- BASIC A THEORETICALLY EXACT DIMENSION USED TO DESCRIBE SIZE, SHAPE OR LOCATION OF A FEATURE FROM WHICH PERMISSIBLE VARIATIONS ARE ESTABLISHED BY TOLERANCES ON OTHER DIMENSIONS OR NOTES.
- (BSC) OR
- DIM
- A- DATUM
- Ⓜ MAXIMUM MATERIAL CONDITION (MMC)
- Ⓛ LEAST MATERIAL CONDITION (LMC)
- Ⓢ REGARDLESS OF FEATURE SIZE (RFS)
- Ⓟ PROJECTED TOLERANCE ZONE
- FIM FULL INDICATOR MOVEMENT

EXAMPLES

<p>— 0.002 STRAIGHT WITHIN 0.002</p> <p>⊥ 0.002 B PERPENDICULAR TO B WITHIN 0.002</p> <p>// 0.002 A PARALLEL TO A WITHIN 0.002</p> <p>○ 0.002 ROUND WITHIN 0.002</p> <p>⊙ 0.010 CYLINDRICAL SURFACE MUST LIE BETWEEN TWO CONCENTRIC CYLINDERS, ONE OF WHICH HAS A RADIUS 0.010 INCH GREATER THAN THE OTHER</p> <p>⌒ 0.006 A EACH LINE ELEMENT OF THE SURFACE AT ANY CROSS SECTION MUST LIE BETWEEN TWO PROFILE BOUNDARIES 0.006 INCH APART RELATIVE TO DATUM PLANE A</p> <p>△ 0.020 A SURFACES MUST LIE WITHIN PARALLEL BOUNDARIES 0.02 INCH APART AND EQUALLY DISPOSED ABOUT TRUE PROFILE</p>	<p>◎ ∅ 0.0005 C CONCENTRIC TO C WITHIN 0.0005 DIAMETER</p> <p>≡ 0.010 A SYMMETRICAL WITH A WITHIN 0.010</p> <p>∠ 0.005 A ANGULAR TOLERANCE 0.005 WITH A</p> <p>⊕ ∅ 0.002 Ⓢ B LOCATED AT TRUE POSITION WITHIN 0.002 DIA RELATIVE TO DATUM B, REGARDLESS OF FEATURE SIZE</p> <p>⊥ ∅ 0.010 Ⓜ A 0.510 Ⓟ AXIS IS TOTALLY WITHIN A CYLINDER OF 0.010-INCH DIAMETER, PERPENDICULAR TO, AND EXTENDING 0.510-INCH ABOVE, DATUM A, MAXIMUM MATERIAL CONDITION</p> <p>2.000 THEORETICALLY EXACT DIMENSION IS 2.000</p> <p style="text-align: center;">OR 2.000 BSC</p> <p>0.020 A A 0.020</p>
<p>NOTE: DATUM MAY APPEAR AT EITHER SIDE OF TOLERANCE FRAME</p>	

True Position Dimensioning Symbols
Figure 601

HINGE FITTING ASSY - REPAIR 1-1

315T3102-1, -4

NOTE: Refer to REPAIR-GEN for list of applicable standard practices.

1. Bushing Replacement (Fig. 601)

- A. Remove bushings.
- B. Refer to Repair 1-2 for restoration of finish on hinge fitting.
- C. Install new bushings using shrink fit method per 20-50-03.
- D. Check dimensions and machine as necessary.

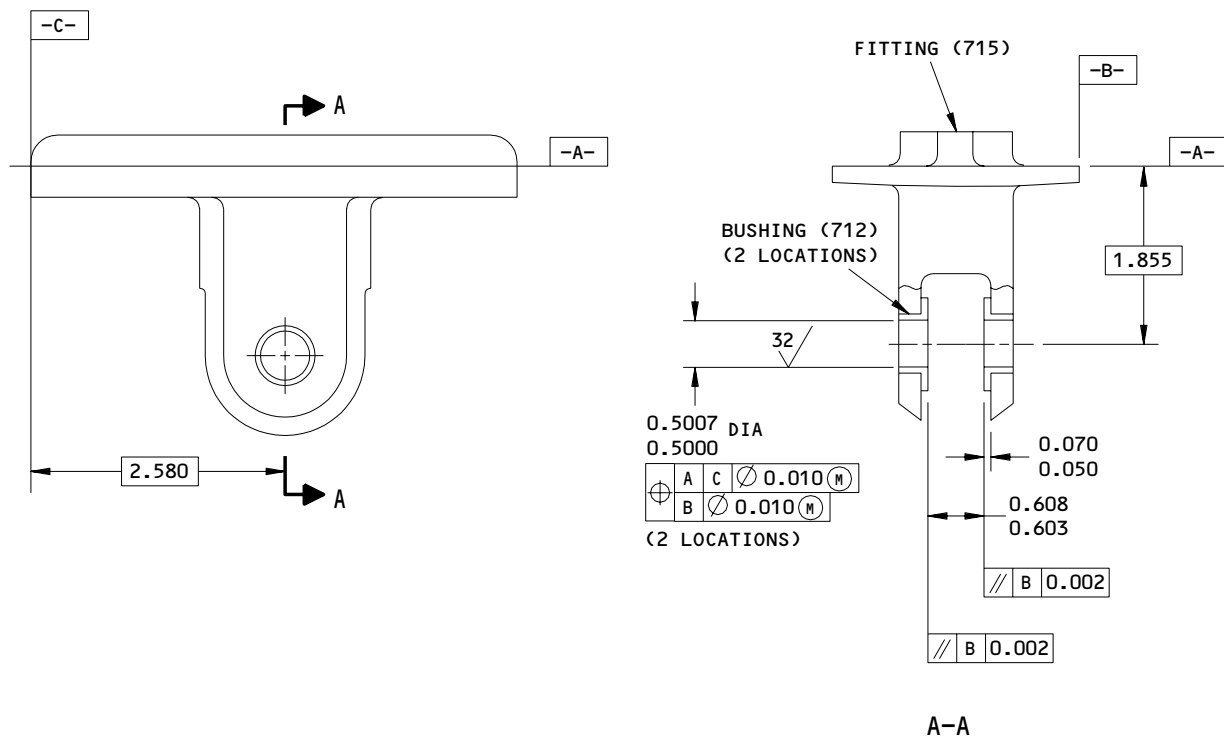
78-31-16

REPAIR 1-1

01.1

Page 601

Sep 01/95



ITEM NUMBER REFER TO IPL FIG. 1
 ALL DIMENSIONS ARE IN INCHES

315T3102-1,-4
 Hinge Fitting Bushing Replacement
 Figure 601

78-31-16

REPAIR 1-1
 Page 602
 Mar 01/04

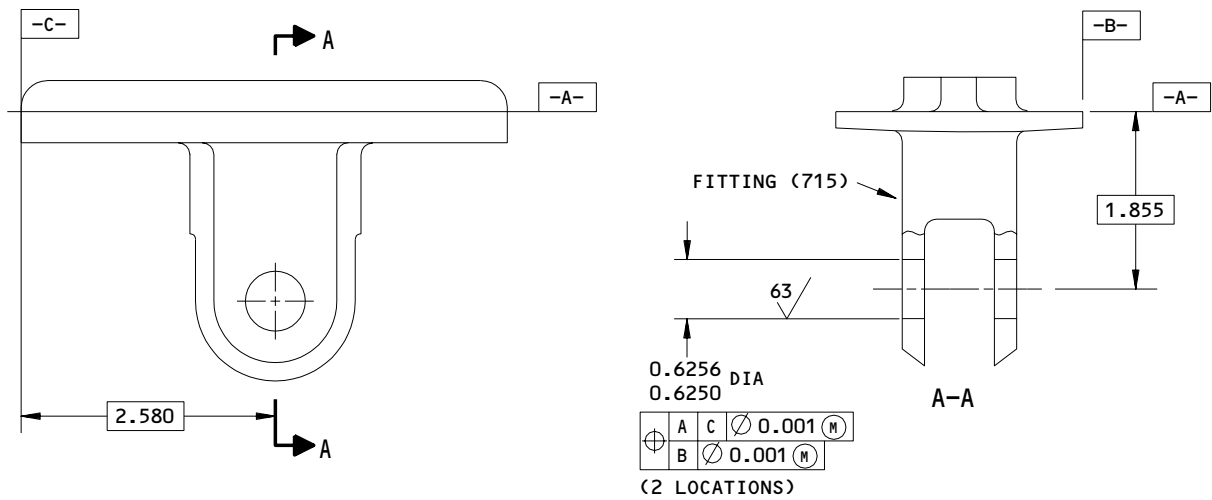
01.1

HINGE FITTING - REPAIR 1-2

315T3102-2, -5

1. Plating

NOTE: Repair consists of restoration of original finish. Refer to Refinish instructions Fig. 601 and to REPAIR - GEN for list of applicable standard practices.



REFINISH

CHROMIC ACID ANODIZE, TYPE I AND APPLY ONE COAT OF BMS 10-11, TYPE 1 PRIMER (F-18.13)

REPAIR

MATERIAL: AL ALLOY 7075-T73
 BREAK ALL SHARP EDGES APPROXIMATELY 0.008 R
 SHOT-PEEN ALL OVER EXCEPT BUSHING HOLES.
 SHOT SIZE 0.023 TO 0.055, 0.006 A2
 INTENSITY
 ITEM NUMBERS REFER TO IPL FIG. 1
 ALL DIMENSIONS ARE IN INCHES

315T3102-2,-5
 Hinge Fitting Repair
 Figure 601

78-31-16

REPAIR 1-2

01.1

Page 601

Mar 01/04

HINGE FITTING ASSY - REPAIR 2-1

| 315T3103-1, -2, -7, -8, -11

NOTE: Refer to REPAIR - GEN for list of applicable standard practices.

1. Bushing Replacement (Fig. 601)

- A. Remove bushings.
- B. Refer to Repair 2-2 for restoration of finish on hinge fitting.
- C. Install new bushings using shrink fit method per 20-50-03.
- D. Check dimensions and machine as necessary.

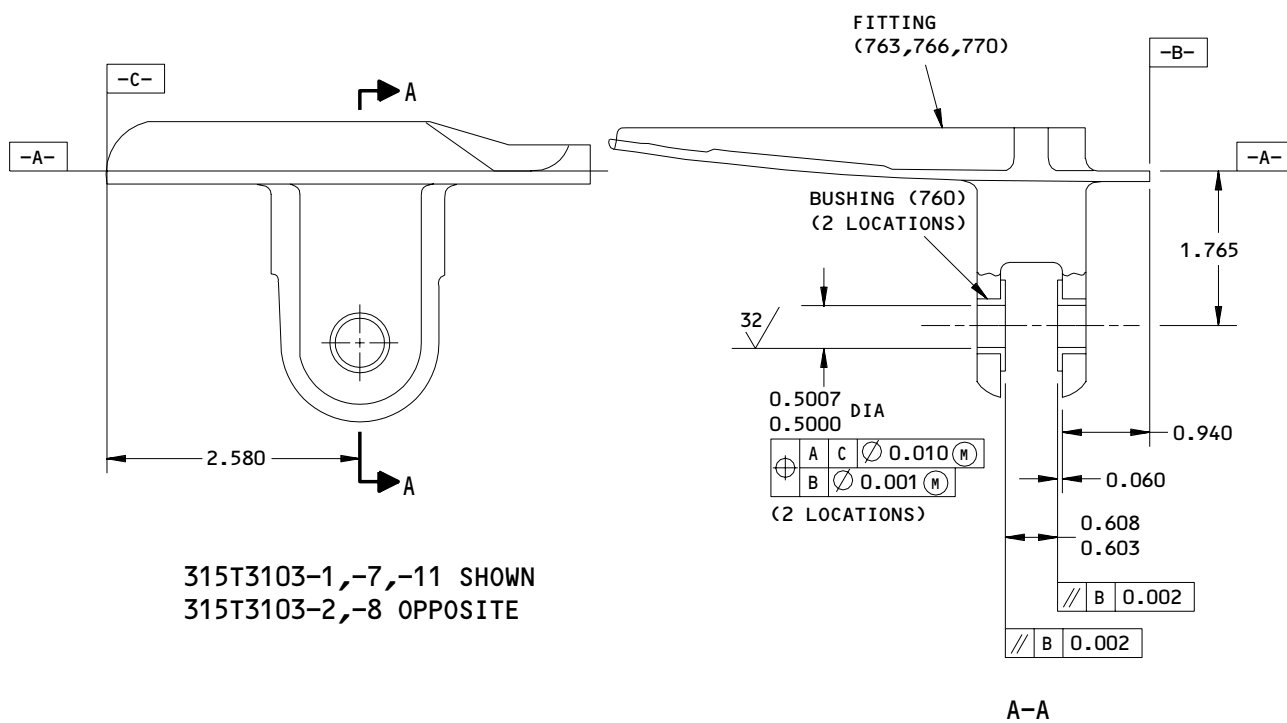
78-31-16

REPAIR 2-1

01.1

Page 601

Sep 01/95



ITEM NUMBERS REFER TO IPL FIG. 1
 ALL DIMENSIONS ARE IN INCHES

315T3103-1,-2,-7,-8,-11
 Lower Hinge Fitting Assembly Bushing Replacement
 Figure 601

78-31-16

REPAIR 2-1
 Page 602
 Mar 01/04

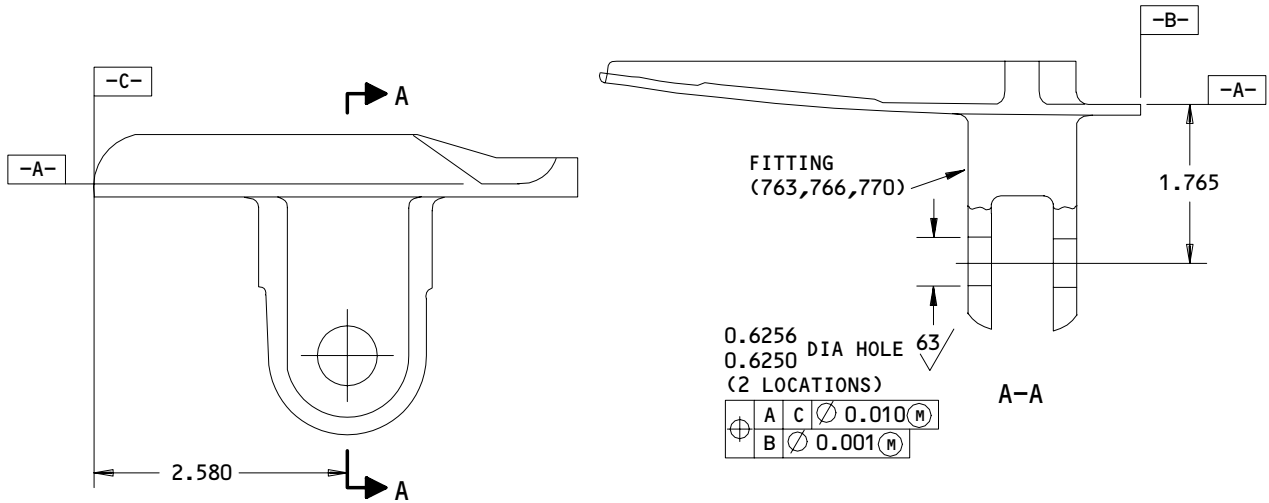
01.1

HINGE FITTING - REPAIR 2-2

315T3103-3, -4, -9, -10, -12

1. Plating Repair

NOTE: Repair consists of restoration of original finish. Refer to instructions Fig. 601 and to REPAIR - GEN for list of applicable standard practices.



REFINISH

CHROMIC ACID ANODIZE, TYPE I AND APPLY ONE COAT OF BMS 10-11, TYPE 1 PRIMER (F-18.13)

REPAIR

MATERIAL: AL ALLOY
 BREAK ALL SHARP EDGES APPROXIMATELY 0.008R
 SHOT-PEEN ALL OVER EXCEPT BUSHING HOLES.
 SHOT SIZE 0.023 TO 0.055, 0.006A2
 INTENSITY
 ITEM NUMBERS REFER TO IPL FIG. 1
 ALL DIMENSIONS ARE IN INCHES

315T3103-3,-4,-9,-10,-12
 Lower Hinge Fitting Repair
 Figure 601

78-31-16

REPAIR 2-2

01.1

Page 601

Sep 01/95

FAIRING ASSY - REPAIR 3-1

315T3529-2, -5, -6, -11, -12

1. Plating Repair

NOTE: Repair consists of restoration of original finish. Refer to Refinish instructions below and to REPAIR - GEN for list of applicable standard practices.

A. For 315T3529-1, -2, -5, -6:

(1) Refer to Fig. 601.

B. For 315T3529-11, -12:

(1) Apply conductive coating BMS 10-21, type 1 (SRF-14.68) and one coat BMS 10-79, type 3 primer (F-19.47) followed by one coat BMS 10-60, type 2, gloss enamel to exterior surfaces and edges. Overspray permitted on interior surfaces. Material: Fairing skin glass fabric reinforced epoxy laminate.

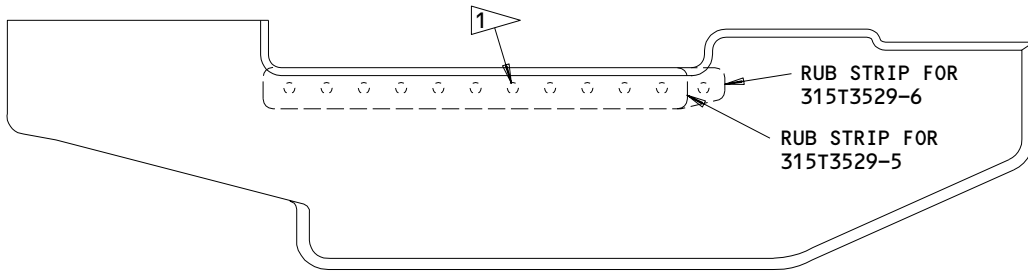
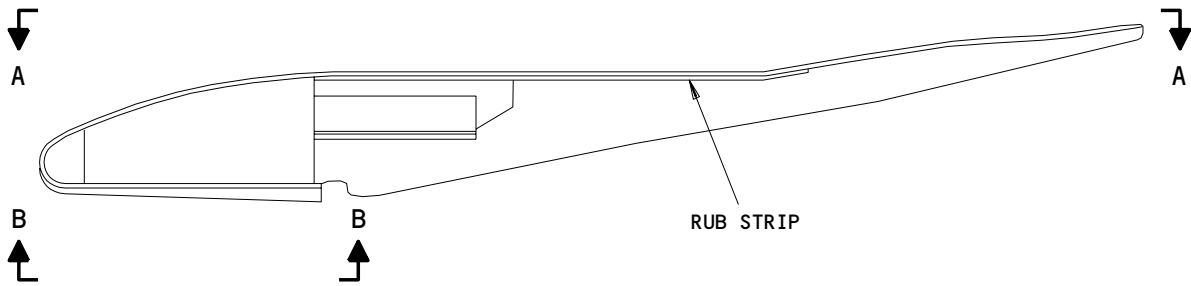
78-31-16

REPAIR 3-1

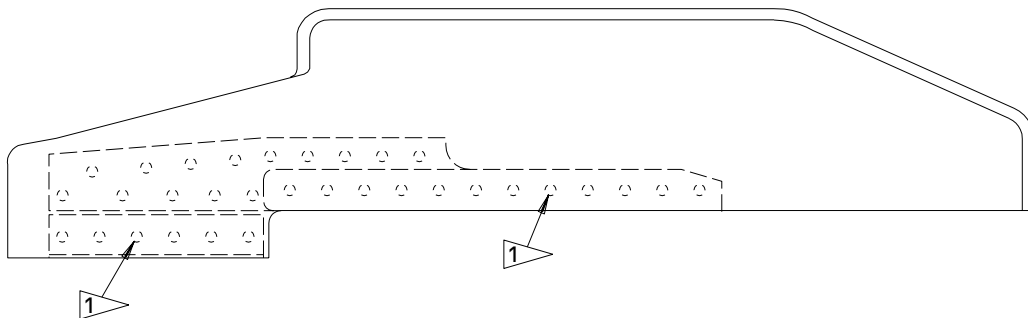
01.1

Page 601

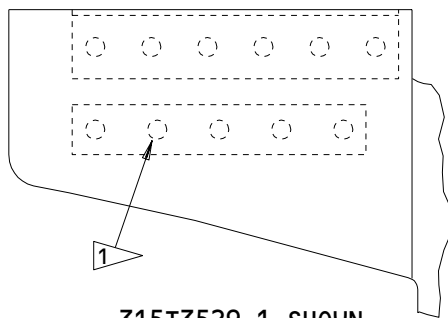
Sep 01/95



315T3529-5 SHOWN
 315T3529-6
 A-A



315T3529-1 SHOWN
 315T3529-2
 A-A



315T3529-1 SHOWN
 315T3529-2
 B-B

Fairing Assembly Repair
 Figure 601 (Sheet 1)


015T0438
315T3001
315T4726

 **BOEING**
COMPONENT
MAINTENANCE MANUAL

REFINISH

FOR 315T3529-1,-2,-5,-6:
APPLY CONDUCTIVE COATING BMS 10-21, TYPE 1
(SRF-14.68), AND ONE COAT OF BMS 10-79, TYPE 3,
PRIMER (F-19.47) FOLLOWED BY ONE COAT OF
BMS 10-60, TYPE 2, GLOSS ENAMEL TO EXTERIOR
SURFACES AND EDGES EXCEPT IN AREAS NOTED.
OVERSPRAY ALLOWED. NO FINISH ON INTERIOR
EXCEPT APPLY BMS 10-86, TYPE 1, COATING TO
EXPOSED SURFACE OF RUB STRIP (SRF-14.9624)

MATERIAL: FAIRING SKIN GLASS FABRIC REINFORCED
EPOXY LAMINATE

 ELECTRICAL BONDING FASTENER LOCATION.
DO NOT APPLY PRIMER OR ENAMEL IN THIS
LOCATION

315T3529-1,-2,-5,-6
Fairing Assembly Repair
Figure 601 (Sheet 2)

78-31-16

REPAIR 3-1

Page 603

Sep 01/95

01.1

FAIRING ASSY - REPAIR 4-1

315T3530-1, -2, -7, -8, -11, -12

1. Plating Repair

NOTE: Repair consists of restoration of original finish. Refer to Refinish instructions below and to REPAIR - GEN for list of applicable standard practices.

A. For 315T3530-1, -2, -7, -8:

(1) Refer to Fig. 601.

B. For 315T3530-11, -12:

C. Apply conductive coating BMS 10-21, type 1 (SRF-14.68), and one coat BMS 10-79, type 3 primer (F-19.47) followed by one coat of BMS 10-60, type 2 gloss enamel to exterior surfaces and edges. No finish on interior surfaces. Material: Fairing skin glass fabric reinforced epoxy laminate.

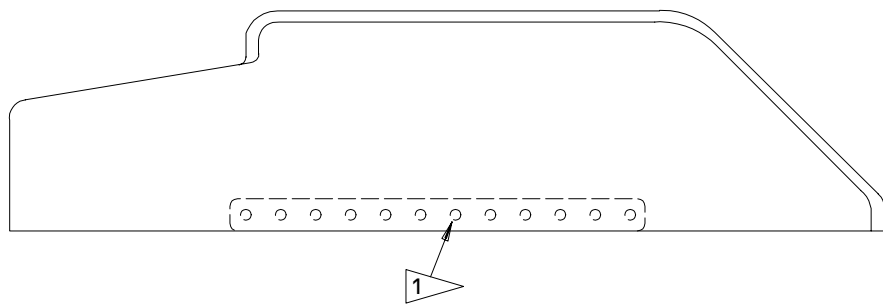
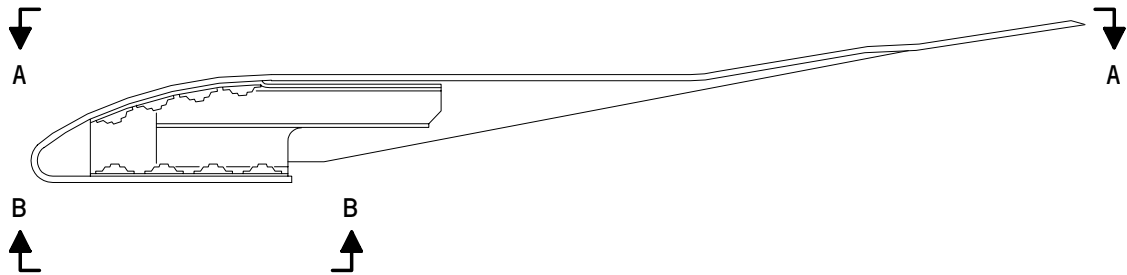
78-31-16

REPAIR 4-1

01.1

Page 601

Sep 01/95



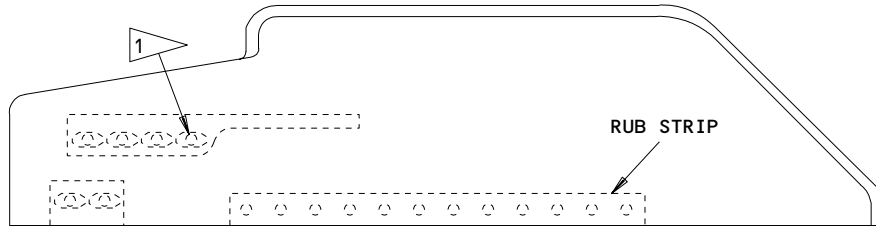
315T3530-7 SHOWN
315T3530-8
A-A

315T3530-1,-2,-7,-8
Fairing Assembly Repair
Figure 601 (Sheet 1)

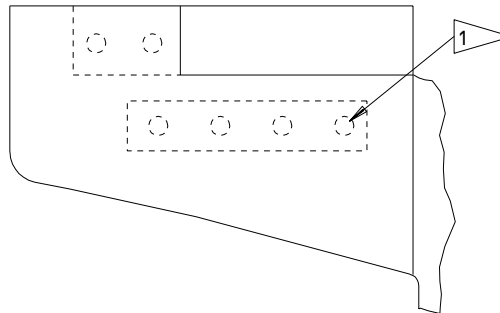
78-31-16

REPAIR 4-1
Page 602
Sep 01/95

01.1



315T3530-1 SHOWN
315T3530-2
A-A



315T3530-1 SHOWN
315T3530-2
B-B

REFINISH

APPLY CONDUCTIVE COATING BMS 10-21, TYPE 1 (SRF-14.68), AND ONE COAT BMS 10-79, TYPE 3, PRIMER (F-19.47) FOLLOWED BY ONE COAT OF BMS 10-60, TYPE 2, GLOSS ENAMEL TO EXTERIOR SURFACES AND EDGES EXCEPT IN AREAS NOTED. OVER-SPRAY ALLOWED. NO FINISH ON INTERIOR EXCEPT APPLY BMS 10-86, TYPE 1, COATING TO EXPOSED SURFACE OF RUB STRIP (SRF-14.9624)

MATERIAL: FAIRING SKIN GLASS FABRIC REINFORCED EPOXY LAMINATE

1 ELECTRICAL BONDING FASTENER LOCATION. DO NOT APPLY PRIMER OR ENAMEL IN THIS LOCATION

315T3530-1,-2,-7,-8
Fairing Assembly Repair
Figure 601 (Sheet 2)

78-31-16

REPAIR 4-1

Page 603

Sep 01/95

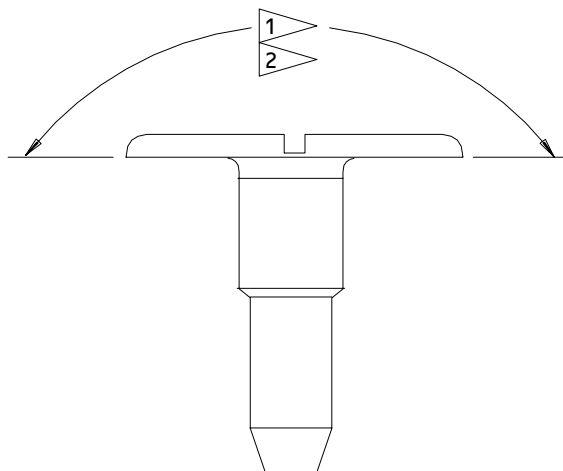
01.1

DEACTIVATION PIN - REPAIR 5-1

315T1604-1, -2

1. Plating Repair

NOTE: Repair consists of restoration of original finish. Refer to Refinish instructions Fig. 601 and to REPAIR - GEN for list of applicable standard practices.



1 315T1604-1:
PASSIVATE (F-17.09) AND APPLY ONE COAT
BMS 10-11, TYPE 1, PRIMER (F-20.02)
FOLLOWED BY ONE COAT BMS 10-11, TYPE 2,
ENAMEL (SRF-14.905-101)

MATERIAL: 15-5 PH CRES 150-170 KSI

2 315T1604-2:
PASSIVATE (F-17.09) AND APPLY ONE COAT
BMS 10-79, TYPE 2 PRIMER (F-19.46)
FOLLOWED BY ONE COAT BMS 10-11, TYPE 2,
ENAMEL (SRF-14.905-101)

315T1604-1,-2
Deactivation Pin Repair
Figure 601

BELLCRANK ASSY – REPAIR 6-1

315T3722-1, -2, -9, -10

NOTE: Refer to REPAIR – GEN for list of applicable standard practices.

1. Bushing Replacement (Fig. 601)

- A. Remove bushings.
- B. Refer to Repair 6-2 for restoration of finish on bellcrank.
- C. Install new bushings using shrink fit method per 20-50-03.
- D. Check dimensions and machine as necessary.

2. Bearing Replacement (Fig. 601)

- A. Remove bearings.
- B. Locate bearing race slot as indicated in Fig. 601 and roller swage bearing assy (IPL Fig. 5; 115) per 20-50-03.
- C. Install bearing (IPL Fig. 5; 70) and roller swage bellcrank per 20-50-03.

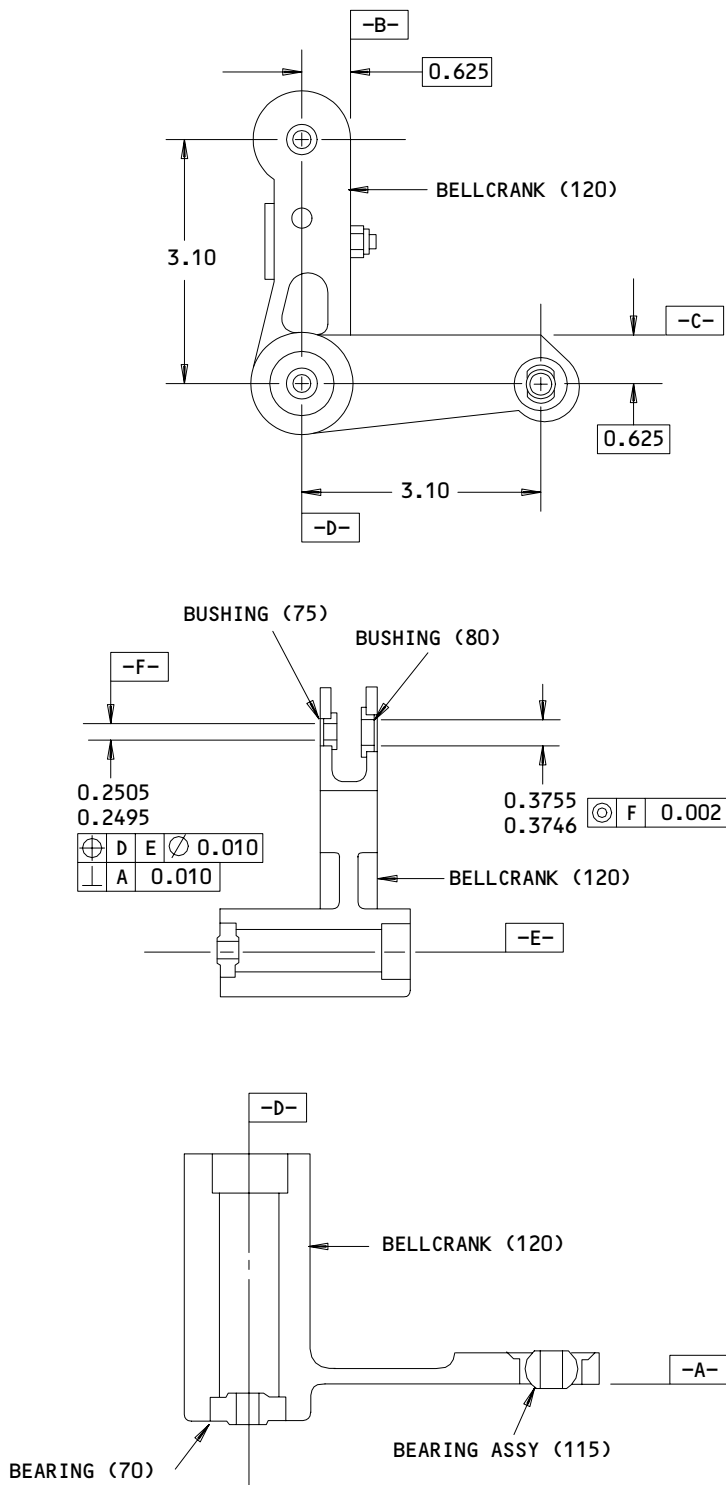
78-31-16

REPAIR 6-1

01.1

Page 601

Mar 01/04



ALL DIMENSIONS ARE IN INCHES

315T3722-1,-2,-9,-10
 Bellcrank Assembly Bushing and Bearing Replacement
 Figure 601

78-31-16

REPAIR 6-1

Page 602

Sep 01/95

01.1

015T0438
315T3001
315T4726



BELLCRANK - REPAIR 6-2

315T3722-3, -4, -13, -14

1. Plating Repair

NOTE: Repair consists of restoration of original finish. Refer to Refinish instructions Fig. 601 and to REPAIR - GEN for list of applicable standard practices.

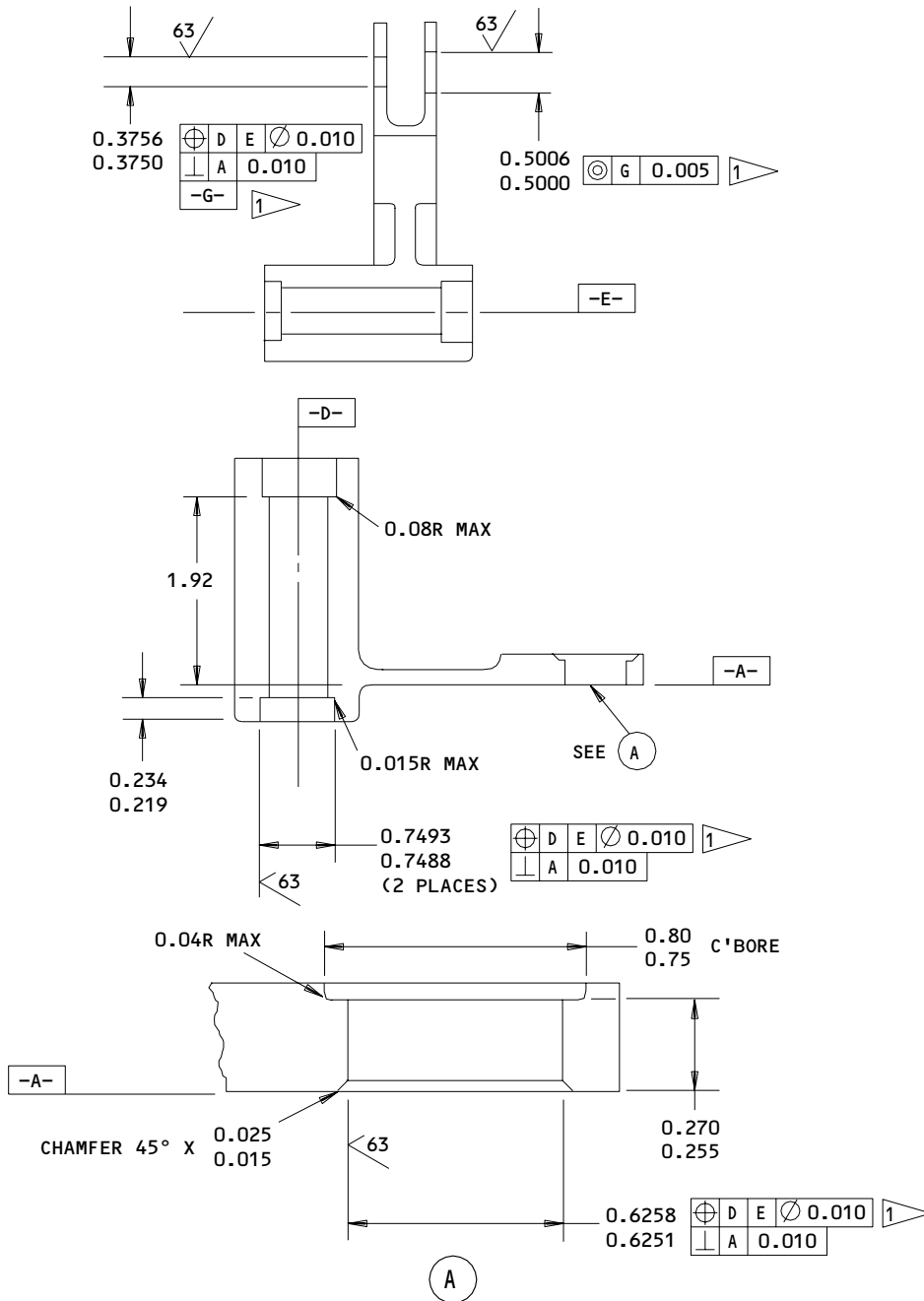
78-31-16

REPAIR 6-2

01.1

Page 601

Sep 01/95



REFINISH

CHROMIC OR SULFURIC ACID ANODIZE (F-17.05) AND APPLY ONE COAT OF BMS 10-11, TYPE I PRIMER (F-20.02) EXCEPT AS NOTED.

MATERIAL: AL ALLOY

BREAK ALL SHARP EDGES APPROXIMATELY 0.008R

ALL DIMENSIONS ARE IN INCHES

OMIT PRIMER ON THESE SURFACES

315T3722-3,-4,-13,-14

Bellcrank Repair
 Figure 601

78-31-16

REPAIR 6-2

Page 602

Sep 01/95

01.1

COVER ASSEMBLY – REPAIR 7-1

315T3656-19

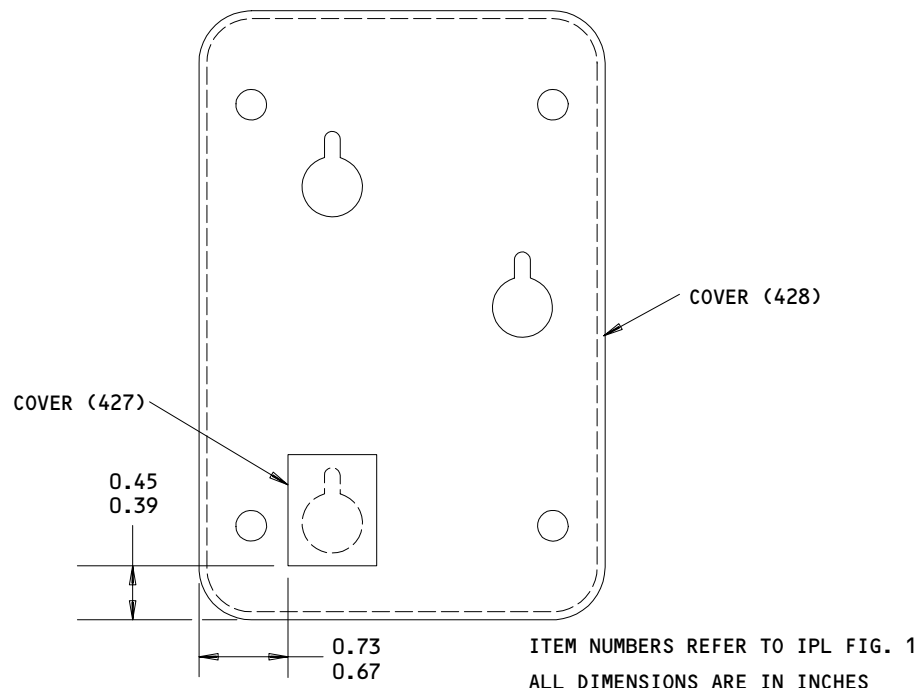
NOTE: Refer to REPAIR-GEN for list of applicable standard practices.

1. Cover Replacement (Fig. 601)

- A. Remove cover (427, IPL Fig. 1) from cover (428, IPL Fig. 1).
- B. Bond new cover (427) in location shown using type 94 adhesive.

2. Refinish

- A. Covers (427, 428 IPL Fig. 1) -- Chemically treat and apply one coat of BMS 10-11, type 1, primer (F-18.06). Material: Al alloy



315T3656-19
Cover Assembly Repair
Figure 601

132847

78-31-16

REPAIR 7-1

01.1

Page 601

Sep 01/95

HINGE LINK ASSEMBLY – REPAIR 8-1

315T3013-1

NOTE: Refer to REPAIR-GEN for list of applicable standard practices.

1. Bushing Replacement (Fig. 601)

- | A. Remove the bushings (IPL Fig. 1; 835) and bearing (IPL Fig. 1; 830).
- | B. Refer to REPAIR 8-2 for the repair of the initial finish on link (IPL Fig. 1; 840).
- | C. Install the new bushings (IPL Fig. 1; 835) as specified in SOPM 20-50-03.
- | D. Machine the bushings (IPL Fig. 1; 835) as required to meet the dimensions shown in Figure 601.
- | E. Install the ball bearing (IPL Fig. 1; 830) and temporarily hold in place with an aluminum wire.

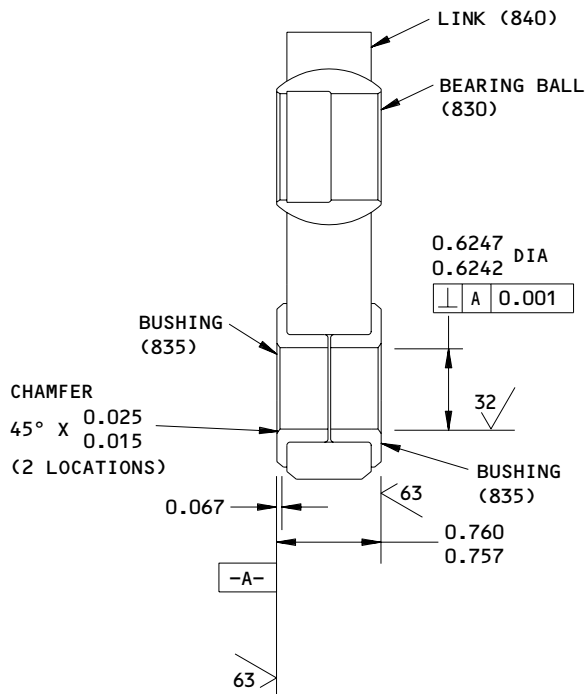
78-31-16

REPAIR 8-1

01.1

Page 601

Mar 01/04



ITEM NUMBERS REFER TO IPL FIG. 1
 ALL DIMENSIONS ARE IN INCHES

315T3013-1
 Bushing Replacement
 Figure 601

78-31-16

REPAIR 8-1

Page 602

Mar 01/04

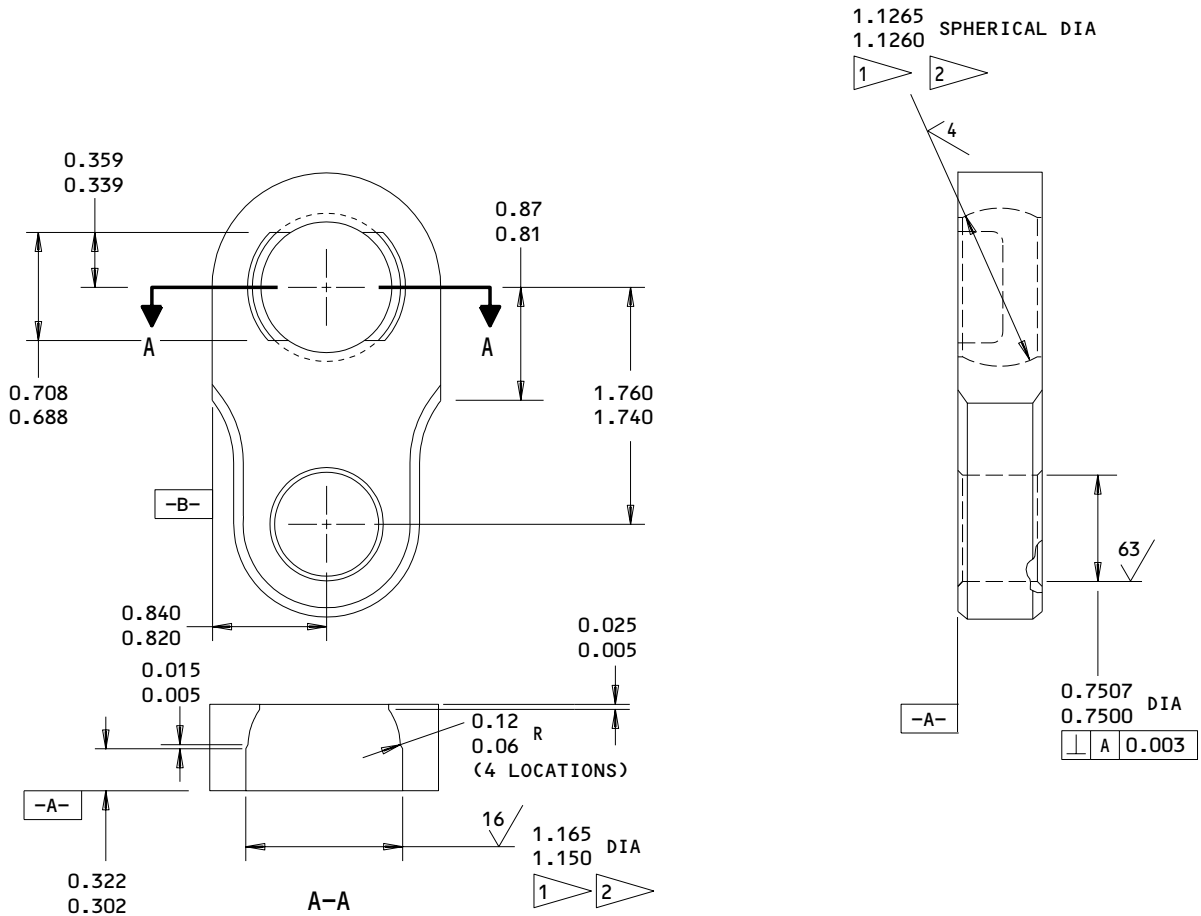
01.1

HINGE LINK - REPAIR 8-2

315T3009-1

1. Plating Repair

NOTE: Repair consists of restoration of original finish. Refer to instructions Fig. 601 and to REPAIR-GEN for list of applicable standard practices.



REFINISH

LINK--PASSIVATE ALL OVER (F-17.09)

1 APPLY BMS 3-8 SOLID FILM LUBRICANT (F-19.10) 0.0003-0.0005 THICK IN SURFACE INDICATED.

2 DIMENSION BEFORE DRY LUBE

REPAIR

125/ ALL MACHINED SURFACES EXCEPT AS NOTED

MATERIAL: 15-5PH CRES (150-170KSI)

ALL DIMENSIONS ARE IN INCHES

315T3009-1

Lug Face and Hole Refinish
 Figure 601

78-31-16

REPAIR 8-2

01.1

Page 601

Sep 01/95

MISCELLANEOUS PARTS PROTECTIVE FINISH - REPAIR 9-1

1. Repair of parts listed in Fig. 601 consists of restoration of original finish.

IPL FIG. & ITEM	MATERIAL	FINISH
<u>Fig. 1</u>		
Retainer (672)	17-7PH CRES 180-200 ksi	Cadmium plate and apply one coat BMS 10-11, Type 1 primer. (F-16.10)
Band (690, 691)	15-5PH CRES 180-200 ksi	Passivate (F-17.09).
Hinge fitting (680)	15-5 PH CRES	Cadmium plate, except holes and slots, and apply one coat BMS 10-11, Type 1 primer (F-16.01).
Pin (700, 726)	A286 CRES	Passivate (F-17.09).
Washer (696, 723)	15-5 PH CRES 140 ksi MIN	Passivate (F-17.09).
Stop bumper (376, 380, 400, 403), filler (657A)	Al alloy	Chromic acid anodize, and apply one coat of BMS 10-11, Type 1 primer (F-18.13).
<u>Fig. 2</u>		
Channel (50, 60, 65, 80, 90)	Al alloy	Chromic acid anodize, and apply two coats of BMS 10-11, Type 1 primer (F-17.04, F-20.03).
Fitting assy (240, 242, 243)	15-5PH CRES 150-170 ksi	Cadmium plate and apply one coat BMS 10-11, type 1 primer (F-16.01). Omit primer on pin.
<u>Fig. 4</u>		
Tees (65, 70), clips (135, 140)	Al alloy	Chromic acid anodize and apply one coat of BMS 10-11, type 1, primer (F-18.13).

Refinish Details
Figure 601 (Sheet 1)

78-31-16

REPAIR 9-1

01.1

Page 601

Sep 01/95

IPL FIG. & ITEM	MATERIAL	FINISH
<u>Fig. 4 (Cont)</u> Brackets (90B, 95B) rub strips (175, 180, 190, 195)	Al alloy	Chemically treat, and apply one coat BMS 10-11, type 1 primer (F-18.06).
<u>Fig. 5</u> Rod end (35)	15-5 PH CRES 150-170 ksi	Cadmium plate and apply one coat BMS 10-11, type 1 primer (F-16.01).
Clevis (40)	Al alloy	Chromic acid anodize and apply one coat of BMS 10-11, type 1 primer (F-18.13).
Tube (50)	Al alloy	Chemically treat interior and exterior. Apply one coat of BMS 10-11, type 1 primer (F-18.07).
Target (215)	15-5 PH CRES 150-170 ksi	Cadmium plate and apply one coat BMS 10-11, type 1 primer (F-16.01)
Spring (260 thru 275)	17-7 PH CRES wire	Apply BMS 3-8, class A lubricant (F-19.10).

Refinish Details
Figure 601 (Sheet 2)

78-31-16

REPAIR 9-1

01.1

Page 602

Sep 01/95

ASSEMBLY

1. Material

NOTE: Equivalent substitutes may be used.

- A. Lubricant -- BMS 3-8 (Ref 20-60-03)
- B. Sealant -- BMS 5-63 (Ref 20-60-04)
- C. Insulative Coating -- Martin Marietta MA-25S
- D. Primer -- BMS 10-11, type 1 (Ref 20-60-02)
- E. Hydraulic Fluid -- BMS 3-11E, type IV
- F. Tamper Proof Putty -- BMS 8-45

2. Equipment

NOTE: Equivalent substitutes may be used.

- A. Support Fixture, T/R -- A78011-63
- B. Rig pin -- MS20392-3C or 0.246-0.248 dia. rod, 4 in. long

3. Assembly

NOTE: Fan duct cowl and thrust reverser assy should be supported in support fixture to facilitate buildup and checkout.

A. Fan Duct Cowl and Thrust Reverser Assy (IPL Fig. 1)

- (1) Mount sleeve assy (776, 780) on fan duct cowl assy (783 thru 793).
- (2) Attach fairing assy (40A, 45E) to sleeve assy (776) using items (50, 55, 60B). Install bolts (55) with BMS 3-8 grease on all surfaces.
- (3) Attach bracket assy (65, 95C) to fairing (90, 91, 92) using bolts (60B, 60C).
- (4) Attach clip assy (75A, 80A) to fairing (90, 91, 92) using bolts.
- (5) Attach fairing (90, 91, 92) to clip assy (75A, 80A) and to bracket assy (65, 95C) with filler (67) and bolts (60, 130).

- (6) Attach fairing installation (122, 123) to sleeve assy (780) using items (110, 115, 120A). Install bolts (115) with BMS 3-8 grease on all surfaces.
- (7) Assemble fairing installation (IPL Fig. 4) as follows:
 - (a) Attach clip assy (110, 115) to bond assy (145, 150) with bolts (117).
 - (b) Attach bracket assy (20B, 25B) to fairing assy (100A, 105A) with shim (45) and bolts (35).
 - (c) Attach bracket assy (20B, 25B) and fairing assy (100A, 105A) to bond assy (165, 170) using shim (109) and bolts (40B, 107B).
 - (d) Attach fairing assembly (155A) with bolts (10B, 15B, 30).
- (8) Apply wet BMS 10-11, type 1 primer to nutplates (370) all over except on threads. Attach to upper stop bumper (376, 380) with rivets (373).
- (9) Attach upper stop bumper assy (360, 363) to cowl assy (783 thru 793) using bolts (366A).
- (10) Apply wet BMS 10-11, type 1 primer to nutplates (393) all over except on threads. Attach to lower stop bumper (400, 403) with rivets (396).
- (11) Attach lower stop bumper assy (383, 386) to cowl assy (783 thru 793) using bolts (390A).
- (12) Position thrust reverser sleeve (776, 780) in the forward stowed position (Fig. 701).
- (13) Check deflection of bumper P/N 315T3563 (Ref 78-31-22) and adjust shim P/N BACS4QR10D40F to provide 0.062 in. deflection (Fig. 701).
- (14) Using sealant, seal inner surface of hole in inner duct wall for hinge fittings (703, 730, 733).
- (15) Install hinge fittings (703, 730, 733) on cowl assy (783 thru 793). Use temporary shims under fittings and check dimensions shown in Fig. 702.
- (16) Attach drag links (Ref 78-31-22) to fittings (703, 730, 733) using items (693, 696, 700, 720, 723, 726).

78-31-16

ASSEMBLY
Page 702
Sep 01/95

01.1

- (17) Release tension of blocker door hinge fitting spring (Ref 78-31-22) against drag link pin as shown in Fig. 702. Adjust thickness of shims (718B, 758) to obtain dimension indicated between drag link pin and bottom of slot in blocker door fitting. Maximum shim thickness is 0.08 in.
- (18) Trim shims (718B, 758) to edge of hinge mounting hole. Trimming to contour of hinge fitting is optional.
- (19) Secure hinge fitting assys (703) using items (706, 709, 717, 718B). Seal under heads and fillet-seal collars with sealant. Do not seal collars in areas where insulative coating is to be applied (refer to applicable CMM 71-11-31, 71-11-32 or 71-11-33).
- (20) Secure lower hinge fittings (730, 733) to cowl assy using items (736 thru 758). Seal under heads and fillet-seal collars and nuts with sealant. Do not seal collars in areas where insulative coating is to be applied (refer to applicable CMM 71-11-31, 71-11-32, or 71-11-33).
- (21) Apply insulative coating around hinge fittings (703, 730, 733) to fill in to equivalent thickness of surrounding area.
- (22) Make wire connections between connector (430) and toggle switches (443 thru 450) (Figs. 703, 704).
- (23) Attach connectors (430) using items (433, 436, 440).
- (24) Install toggle switches (443 thru 450) and switch guards (415, 416, 418) on covers (420 thru 424). Maintain clearance indicated in Fig. 705.
- (25) Insert deactivation pin (406) into storage hole provided in switch installation (409, 410, 412).
- (26) Attach covers (420 thru 424) using screws (426).
- (27) Apply decals (453 thru 483) to switch installation as required in locations shown in Fig. 704.
- (28) If necessary, attach receiver (685A, 687A) to band (690, 691) with rivets (688).
- (29) Attach hinge fitting (680) to band (690, 691) using items (681, 682, 683). Install Hi-Loks (681) flush within ± 0.005 inch. Install washers (682) under collars (683).
- (30) Install latch band assy (676, 678) in groove on circumference of cowl assy. Attach band retainers (672) to latch installation (669, 671) with bolts (673) and washers (674).

78-31-16

ASSEMBLY

01.1

Page 703

Sep 01/95

B. Actuator and Tubing Installation (IPL Fig. 2 unless noted) for Thrust Reversers not modified by SB 767-78-0068.

- (1) Position diaphragm of sleeve assy (776, 780 IPL Fig. 1) so that seal on sleeve assy contacts cowl assy (783 thru 793 IPL Fig. 1). See 78-31-22 for details of sleeve assy.
- (2) Insure that actuators (265C, 270C) are in the fully retracted position. For full retract, the gap between the aluminum collar at the rod end and the actuator cylinder should be 0.010-0.018 inch.

NOTE: Locking actuators (270C) to be mounted on the RH side of both engines must have feed back linkages reversed.

- (3) Insert actuator (265C, 270C) rod ends through holes in torque box. Rotate actuators so that hydraulic ports are nearest the engine centerline.
- (4) Attach rod end of actuators to attach fittings using bushings (290), bolts (280), washers (285), nuts (295) and cotter pins (275). Tighten nut (295) to 20 lb-in. Then tighten to next castellation and insert cotter pin (275).
- (5) Remove any dust covers from actuator upper main drive ports. For locking actuators (270C) to be installed on the RH side of the engines, remove dust cover from the lower main drive port.
- (6) For locking actuators (270C) only:
 - (a) Remove gage bar from actuator
 - (b) Release actuator lock lever clockwise.
 - (c) Engage trip lever to hold actuator unlocked during adjustment.
- (7) Insert a 3/16 in. square drive key in the actuator synchronous drive splined hole.
- (8) Adjust position of actuator to align gimbal with attachment fittings on cowl assy. Do not damage spline holes with drive key.
- (9) Release trip lever to reset lock on actuators (270C).
- (10) Install fitting assy (240, 242, 243). Fill gap between gimbal attachment fitting and actuator with shims (260). Secure with bolts (245).
- (11) Install caps (220, 230).

78-31-16

ASSEMBLY
Page 704
Mar 01/04

01.1

- (12) For thrust reversers not modified by SB 767-78-0061:
 - (a) Install manual drive assembly (235) on lower non-locking actuator (265C).
 - (13) For thrust reversers modified by SB 767-78-0061:
 - (a) Install synch shaft lock assembly (235A) on lower non-locking actuators (265C) with gasket (236) around actuator and bracket (237) on actuator and synch shaft lock assy with bolts (237L) and washers (238).
 - (b) Install clamp (239) around bracket (237), actuator (265C) and gasket (236). Tighten clamp nut to 30-35 lb-in.
 - (c) Tighten B-nut on synch shaft lock (235A) to 855-945 lb-in without turning the synch shaft lock.
 - (14) Install union (190) with washers (195) and nut (200).
 - (15) Install hose assemblies (205, 210).
 - (16) Install elbow fitting (175) and connect tube assemblies (100 thru 120).
 - (17) Secure tube assemblies (100 thru 120) with shims, fairleads and channels (50 thru 98), spacers (30A, 35A), bolts (12A, 15A), nuts (40, 45) and washers (20, 25).
 - (18) Check all line and hose connections and tighten as necessary.
- CAUTION:** CHECK ENTIRE ASSEMBLY TO ENSURE THAT THERE ARE NO OBSTRUCTIONS WHICH MAY PREVENT MOVEMENT OF SLEEVE ASSY TO A RETRACTED POSITION. APPROXIMATE MOVEMENT IS 0.5 INCH. HYDRAULIC SUPPLY IS TO BE CONNECTED FOR DEPLOY AND RETRACT.
- (19) Connect hose assembly (210) only to a hydraulic supply using BMS 3-11E type IV fluid at 1800 to 3000 psi.
- CAUTION:** THE FEEDBACK MECHANISM ON THE CENTER LOCKING ACTUATOR (270C) MUST BE SYNCHRONIZED WITH THE ACTUATOR PISTON ROD OR INTERNAL DAMAGE TO THE ACTUATOR WILL RESULT.
- (20) Apply hydraulic power and verify proper stow position of actuator feedback lever as shown in Fig. 707. If the feedback requirement is not met, refer to National Waterlift Actuator Assembly CMM 78-31-01.
 - (21) Ensure that all actuators are in a fully retracted position.
 - (22) Disconnect hydraulic power.

78-31-16

ASSEMBLY
Page 705
Sep 01/95

01.1

C. Actuator and Tubing Installation (IPL Fig. 2 unless noted) for Thrust Reversers modified by SB 767-78-0068.

- (1) Position diaphragm of sleeve assy (776, 780, IPL Fig. 1) so that seal on sleeve assy contacts cowl assy (783 thru 793, IPL Fig. 1). See 78-31-22 for details of sleeve assy.
- (2) Insure that actuators (265C, 270C, 350, 380) are in the fully retracted position. For full retract, the gap between the aluminum collar at the rod end and the actuator cylinder should be 0.010-0.018 inch.

NOTE: Locking actuators (270C) to be mounted on the RH side of both engines must have feedback linkages reversed.
- (3) Insert actuator (265C, 270C, 350, 380) rod ends through holes in torque box. Rotate actuators so that hydraulic ports are nearest the engine centerline.
- (4) Attach rod end of actuators to attach fittings using bushings (290), bolts (280), washers (285), nuts (295) and cotter pins (275). Tighten nut (295) to 20 lb-in. Then tighten to next castellation and insert cotter pin (275).
- (5) Remove any dust covers from actuator upper main drive ports. For locking actuators (270C, 350, 380) to be installed on the RH side of the engines, remove dust cover from the lower main drive port.
- (6) For locking actuators (270C, 350, 380) only:
 - (a) Remove gage bar from actuator.
 - (b) Release actuator lock lever clockwise.
 - (c) Engage trip lever to hold actuator unlocked during adjustment.
- (7) Insert a 3/16 inch square drive key in the actuator synchronous drive splined hole.
- (8) Adjust position of actuator to align gimbal with attachment fittings on cowl assy. Do not damage spline holes with drive key.
- (9) Release trip lever to reset lock on actuators (270C, 350, 380).
- (10) Install fitting assy (240, 242, 243). Fill gap between gimbal attachment fitting and actuator with shims (260). Secure with bolts (245).
- (11) Install caps (220, 230).

78-31-16

ASSEMBLY
Page 706
Sep 01/95

01.1

- (12) For thrust reversers not modified by SB 767-78-0061:
 - (a) Install manual drive assy (235) on lower non-locking actuator (265C)
 - (13) For thrust reversers modified by SB 767-78-0061:
 - (a) Install synch shaft lock assembly (235A) on lower non-locking actuators (265C) with gasket (236) around actuator and bracket (237) on actuator and synch shaft lock assy with bolts (237L) and washers (238).
 - (b) Install clamp (239) around bracket (237), actuator (265C) and gasket (236). Tighten clamp nut to 30-35 lb-in.
 - (c) Tighten B-nut on synch shaft lock (235A) to 855-945 lb-in without turning synch shaft lock.
 - (14) Install union (190) with washer (195) and nut (200).
 - (15) Install hose assemblies (205, 210).
 - (16) Install elbow fitting (175) and connect tube assemblies (100 thru 120, 305, 325, 330, 355, 360) and tees (345, 375).
 - (17) Secure tube assemblies (100 thru 120, 305, 325, 330, 355, 360) with shims, fairleads and channels (50 thru 98), spacers (30A, 35A), bolts (12A, 15A), nuts (40, 45) and washers (20, 25).
 - (18) Check all line and hose connections and tighten as necessary.
- CAUTION:** CHECK ENTIRE ASSEMBLY TO ENSURE THAT THERE ARE NO OBSTRUCTIONS WHICH MAY PREVENT MOVEMENT OF SLEEVE ASSY TO A RETRACTED POSITION. APPROXIMATE MOVEMENT IS 0.5 INCH. HYDRAULIC SUPPLY IS TO BE CONNECTED FOR DEPLOY AND RETRACT.
- (19) Connect hose assembly (210) only to a hydraulic supply using BMS 3-11E type IV fluid at 1800 to 3000 psi.

CAUTION: THE FEEDBACK MECHANISM ON THE CENTER LOCKING ACTUATOR (270C) MUST BE SYNCHRONIZED WITH THE ACTUATOR PISTON ROD OR INTERNAL DAMAGE TO THE ACTUATOR WILL RESULT.

(20) Apply hydraulic power and verify proper stow position of actuator feedback lever as shown in Fig. 707. If the feedback requirement is not met, refer to National Waterlift Actuator Assembly CMM 78-31-01.

(21) Ensure that all actuators are in a fully retracted position.

(22) Disconnect hydraulic power.

D. Thrust Reverser Feedback Interlock Installation (IPL Fig. 5 unless noted):

(1) Install crank assy (60, 65) using spacer (225), bearings (70, 255), springs (260 thru 275), bolt (220), bolt retainer (250), bushing (245), washers (230, 235), and nut (240). Apply BMS 8-45, white tamper proof putty, around threads protruding from nut.

(2) Install washer (95) on bellcrank assy (60, 65) with items (85, 90, 100).

(3) Insert rig pin through bellcrank assy (60, 65) and into crank bracket.

(4) Assemble link assy (20) using items (25 thru 50) crank bracket.

(5) Connect link assy (20) to bellcrank assy (60, 65) using items (145 thru 165).

(6) Connect link assy (20) to actuator (270C, IPL Fig. 2) using items (140, 155, 160, IPL Fig. 1).

(7) Adjust rod end on link assy (20) as required to connect fully retracted actuator to crank assy. Tighten jamnut (30).

(8) Remove rig pin from crank assy.

- (9) Install target (215) on bellcrank assy (60, 65) using items (185A thru 210).
- (10) Install deploy sensor (195B, 196B, IPL Fig. 1) and nipple (185, IPL Fig. 1) on crank assy bracket using threaded ring.
- (11) Apply decals (330 thru 358, IPL Fig. 1).
- (12) Slide end fittings back on both ends of flex tube assys (185A, IPL Fig. 2) exposing ends of flex shaft (180).
- (13) Position flex tube assys (185A, IPL Fig. 2) between actuators (265C, 270C, 350, 380, IPL Fig. 2).
- (14) Loosely install tube assys (185A, IPL Fig. 2) with markers (300, IPL Fig. 2) in shims, fairleads and channels (50 thru 98, IPL Fig. 2).
- (15) Insert flex shafts (180, IPL Fig. 2) into actuators and engage tube nuts 1 to 2 threads at each end.
- (16) Secure tube assys (185A, IPL Fig. 2) using shims, fairleads and channels (50 thru 98, IPL Fig. 2).
- (17) Loosen tube nuts at each end of tube assys (185A, IPL Fig. 2) and verify flex shafts are still engaged in actuators. Tighten tube nuts.
- (18) Manually run actuators to the fully extended position.
- (19) Install auto restow sensor (220B, 221B, IPL Fig. 1) using items (225 thru 245, IPL Fig. 1).
- (20) Install target (290A, IPL Fig. 1) using items (295A, 300, 303, 305, IPL Fig. 1).

- (21) Install clamp (250, IPL Fig. 1) and conduit (270, 275, IPL Fig. 1) using items (255 thru 265, IPL Fig. 1).
- (22) Ensure deploy target does not contact sensor.
- (23) Clay check auto restow sensor target gap:
 - (a) Position clay in shape of cone with approximate diameter of 0.25 inch on target surface.
 - (b) Apply petroleum jelly to surface of sensor.
 - (c) Apply hydraulic pressure and retract sleeve to fully stowed position.
 - (d) Cycle sleeve to fully deployed position.
 - (e) Measure clay thickness on target to determine gap.
- (24) Check gap for auto restow sensor. Gap should be 0.08–0.12 in. as indicated in Fig. 706.

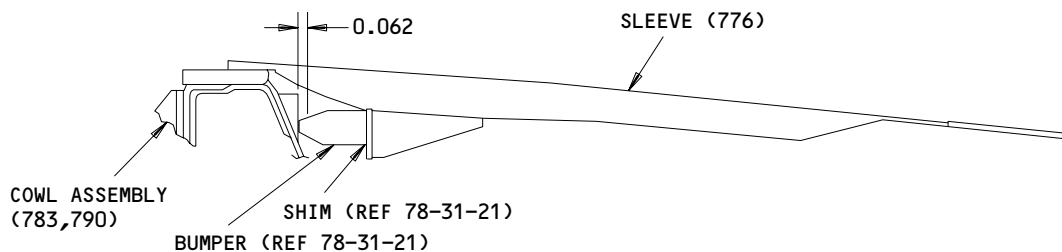
NOTE: Maintain deploy pressure while checking deploy gap.
- (25) Measure dimension between target and sensor as indicated in Fig. 706. Distance should be 0.030–0.060 inch.
 - (a) If distance is less than 0.030 inch, delete washers under target
 - (b) If distance is greater than 0.060 inch:
 - 1) Install washers (195) under target (215).
 - (c) Lockwire nut (190, IPL Fig. 1).
 - (d) Install decals (315, 320, 325 IPL Fig. 1).
- (26) Install nipple (185, IPL Fig. 1) on unlock sensor (195B, 196B, IPL Fig. 1).
- (27) At right side of cowl assy, connect wire bundles (70, 75, IPL Fig. 3) to actuator switch installation (412, IPL Fig. 1), auto restow sensor (221, IPL Fig. 1), deploy sensor (196B, IPL Fig. 1) and auto unlock sensor on actuator (270C, IPL Fig. 2). Secure wire bundle using items (5 thru 30, IPL Fig. 3).

78-31-16

ASSEMBLY
Page 710
Sep 01/95

01.1

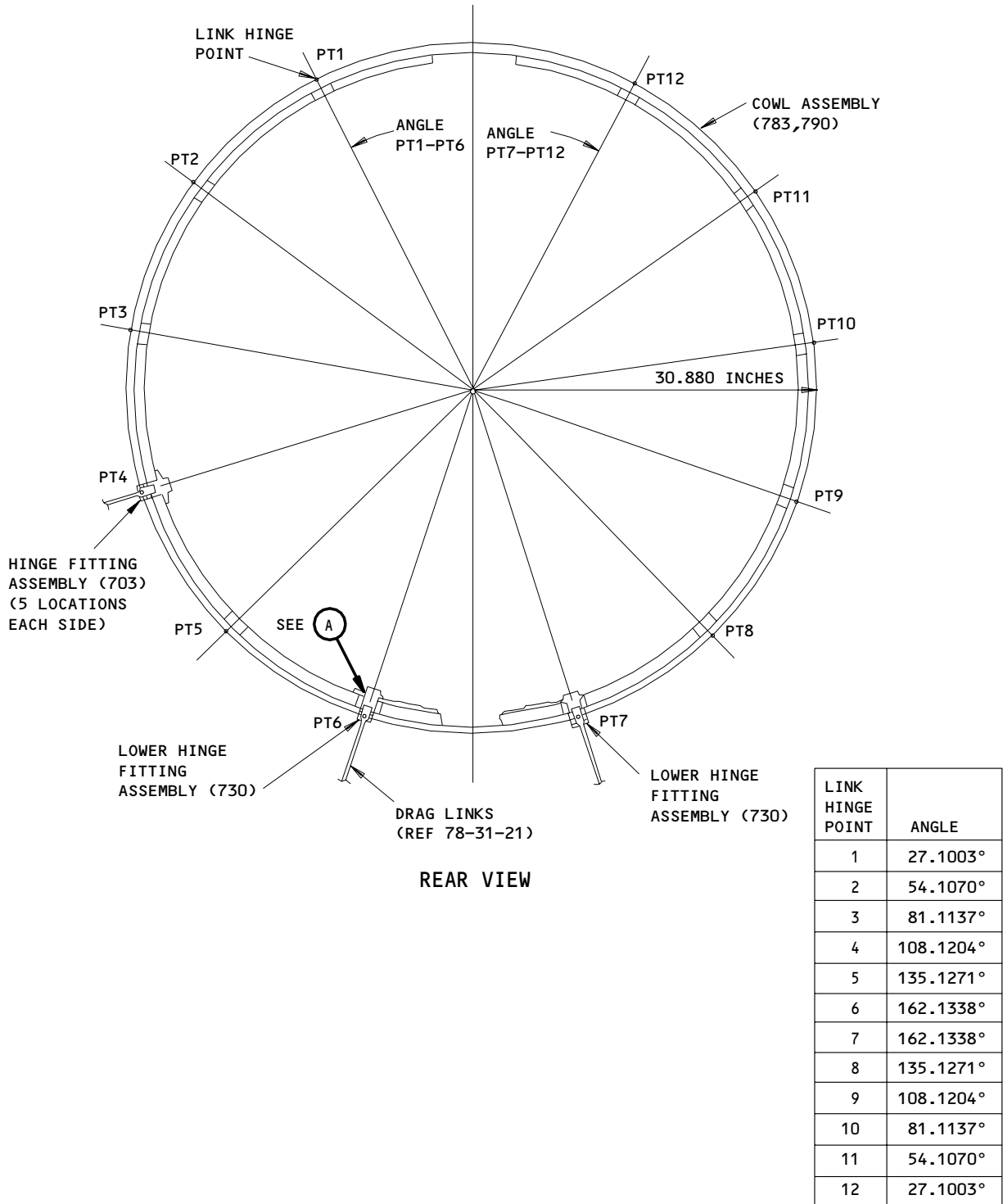
- (28) At left side of cowl assy, connect wire bundles (40, 45, IPL Fig. 3) to actuator switch installation (409, 410, IPL Fig. 1), auto restow sensor (220, IPL Fig. 1), deploy sensor (195B, IPL Fig. 1) and auto unlock sensor on actuator (270C, IPL Fig. 2). Secure wire bundle using items (5 thru 30, IPL Fig. 3).
- (29) Apply hydraulic power to retract sleeve and check that stroke of bellcrank assy (60, 65) is 3.45 to 3.55 inches. Verify operation of sensors (195B, 196B, 220B, 221B, IPL Fig. 1). Operation of thrust reverser sleeve shall be smooth and free from interference.
- (30) Attach hold open rod receiver (653, IPL Fig. 1) with bolts (656A, IPL Fig. 1).
- (31) Insert bolt (630A, IPL Fig. 1) through rod (660B, IPL Fig. 1), bushings (633, 636 IPL Fig. 1), Fasten with retainer (643, IPL Fig. 1) and nut (640, IPL Fig. 1).
- (32) Attach identification plate (796, IPL Fig. 1) using rivets (800, IPL Fig. 1).



SLEEVE SHOWN IN FORWARD STOWED POSITION

ITEM NUMBERS REFER TO IPL FIG. 1
ALL DIMENSIONS ARE IN INCHES

Bumper Adjustment
Figure 701



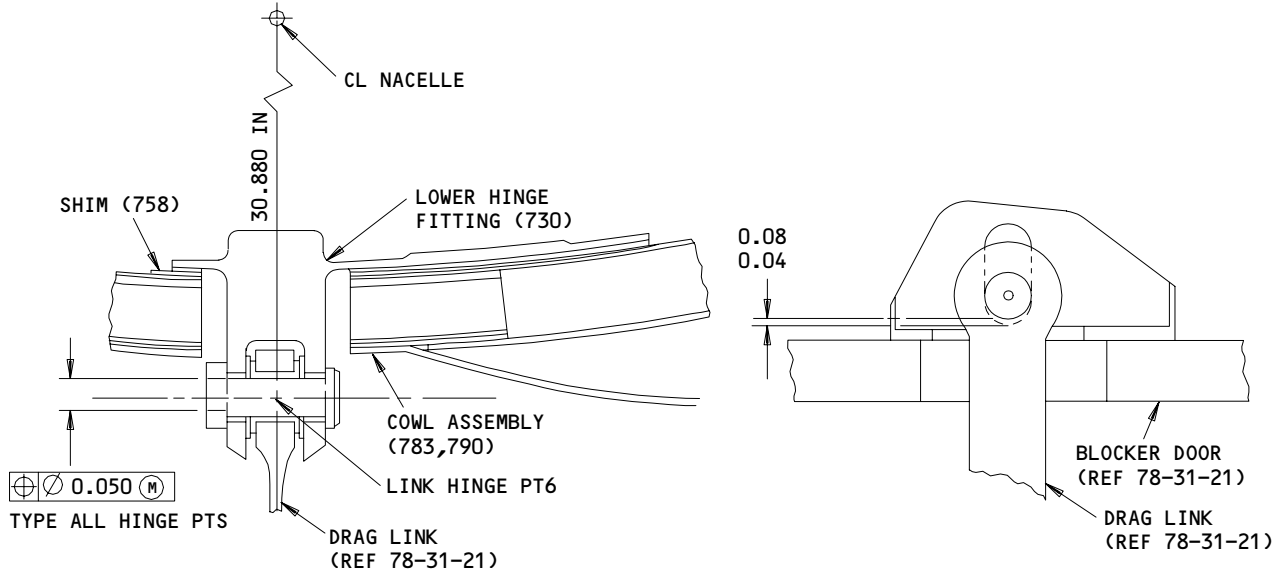
ITEM NUMBERS REFER TO IPL FIG. 1

Drag Link Installation
 Figure 702 (Sheet 1)

78-31-16

ASSEMBLY
 Page 712
 Sep 01/95

01.1

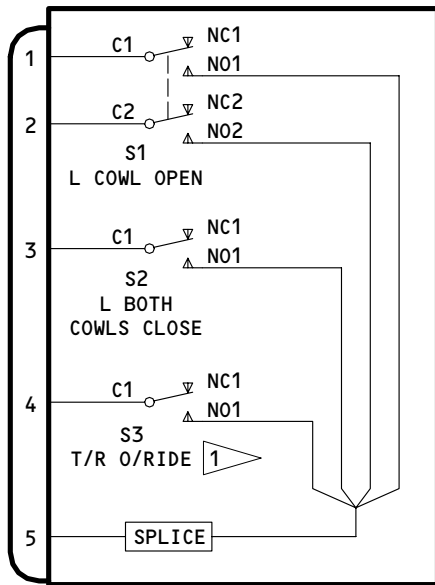


(A)

ITEM NUMBERS REFER TO IPL FIG. 1
ALL DIMENSIONS ARE IN INCHES

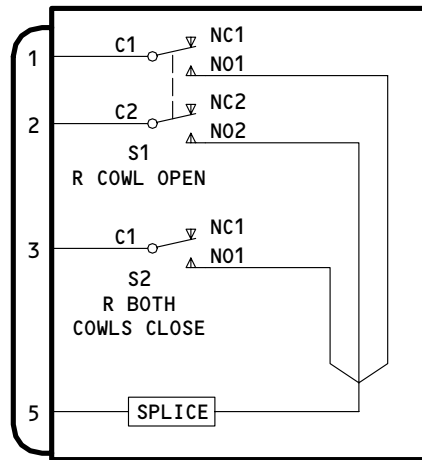
Drag Link Installation
Figure 702 (Sheet 2)

24523



LH COWL CONTROL
315T3655-1 SHOWN
315T3655-5

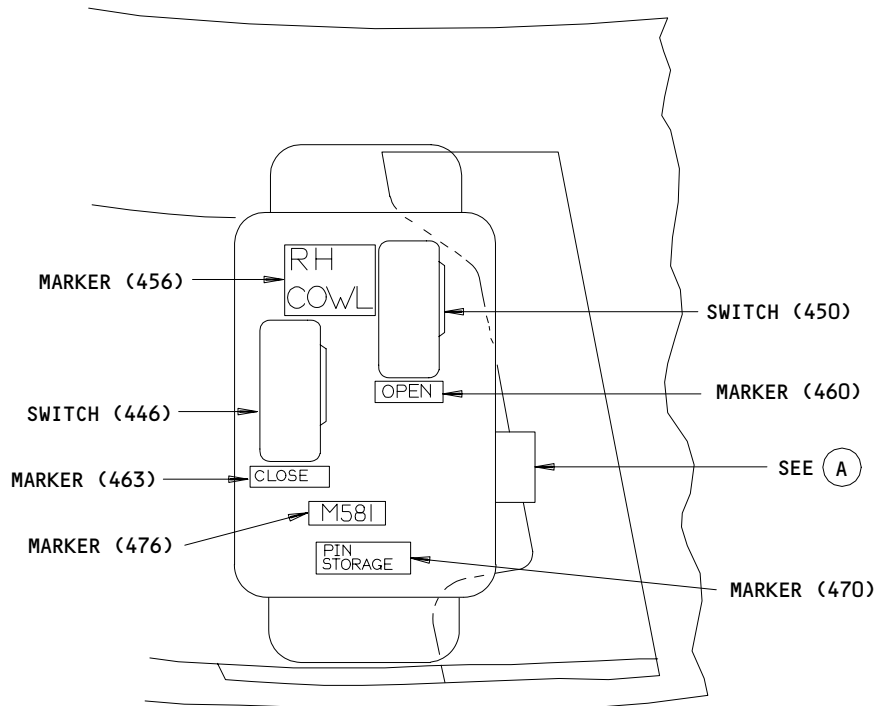
1 T/R O/RIDE SWITCH NOT USED ON
315T3655-5



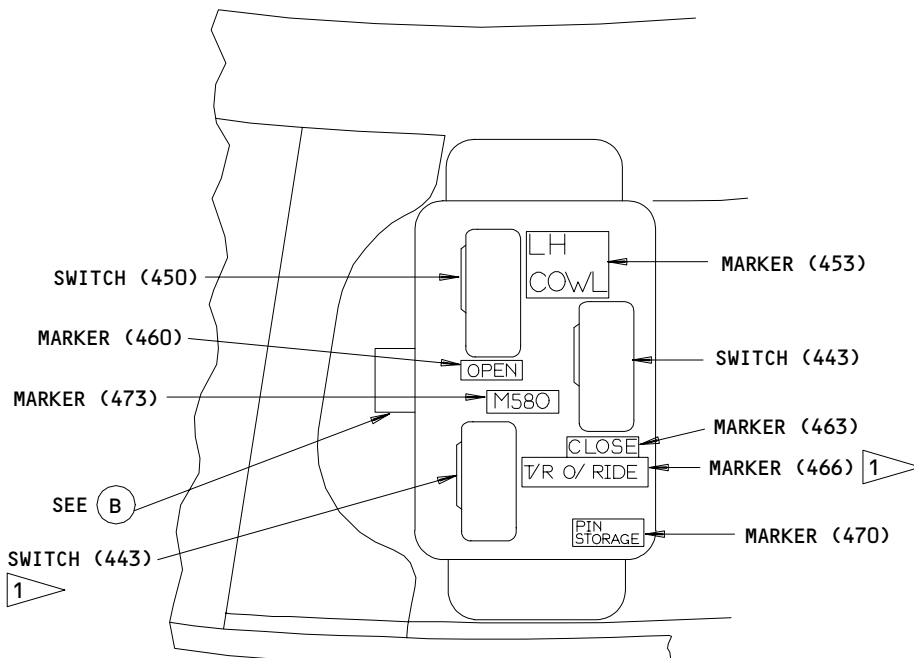
RH COWL CONTROL

Switch Connections
Figure 703

24785



315T3655-2



1 NOT USED ON 315T3655-5

315T3655-1 SHOWN
 315T3655-5

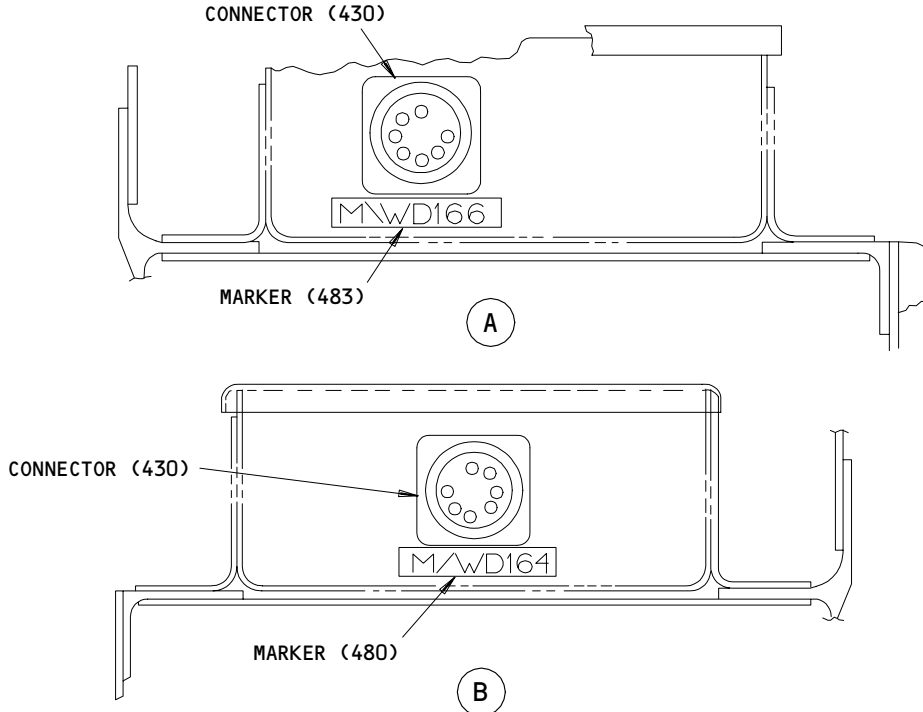
ITEM NUMBERS REFER TO IPL FIG. 1

Switch Installation
 Figure 704 (Sheet 1)

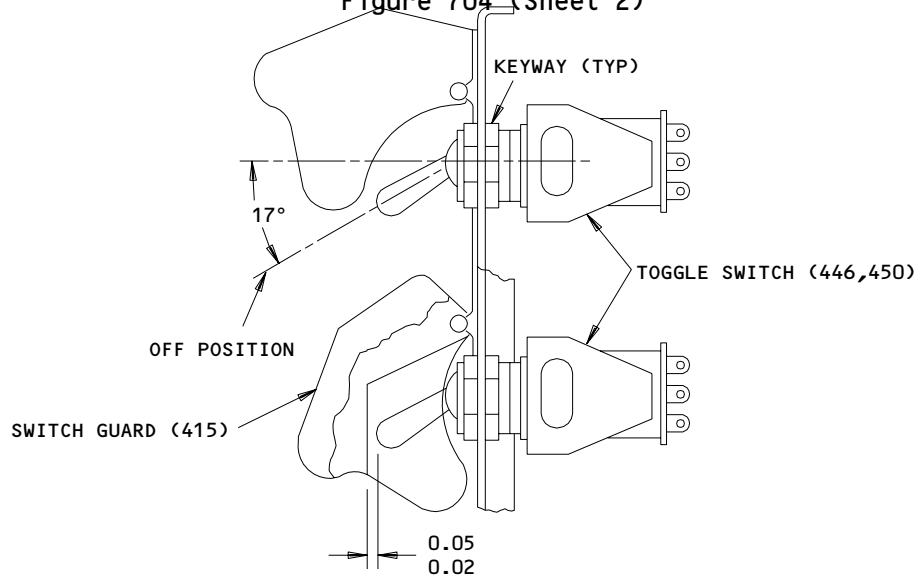
78-31-16

ASSEMBLY
 Page 714
 Sep 01/95

01.1



Switch Installation
Figure 704 (Sheet 2)



TYPICAL SWITCH INSTALLATION

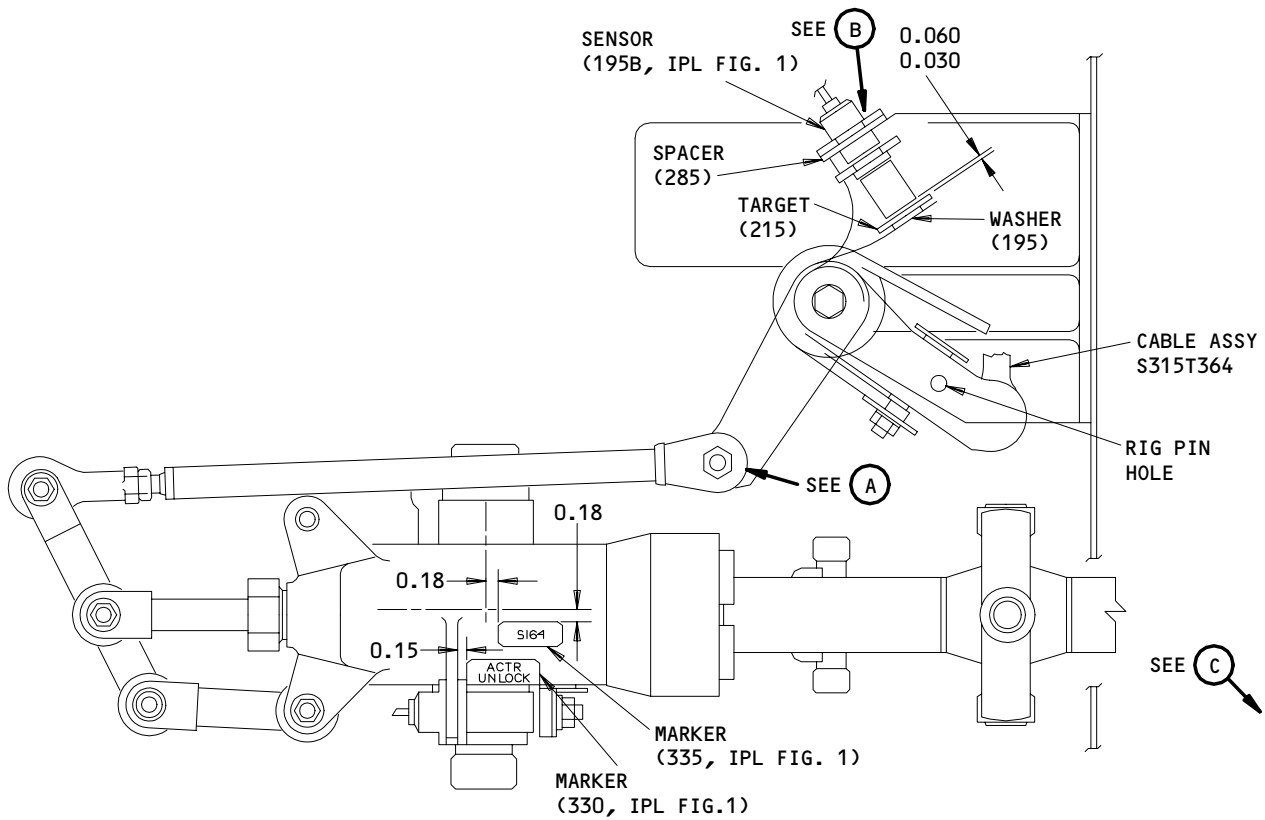
ITEM NUMBERS REFER TO IPL FIG. 1
ALL DIMENSIONS ARE IN INCHES

Switch Installation
Figure 705

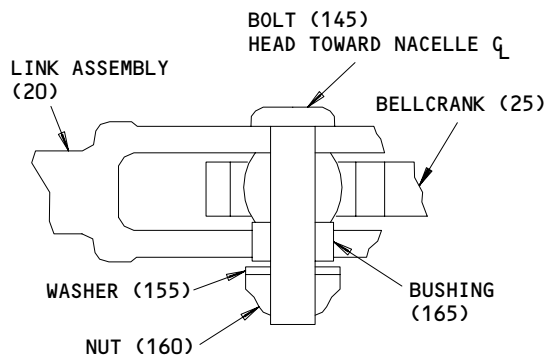
78-31-16

ASSEMBLY
Page 715
Sep 01/95

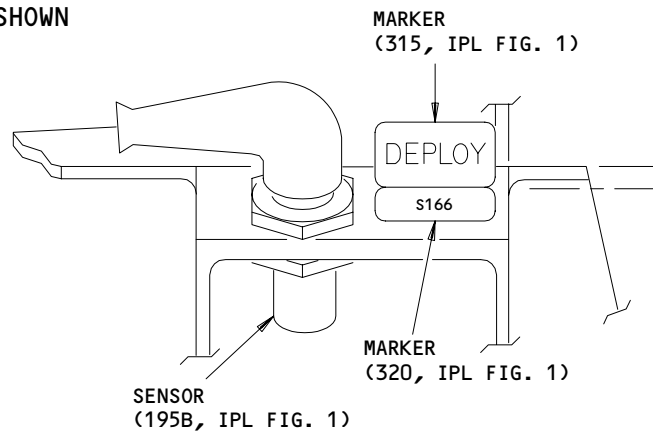
01.1



315T3703-3 SHOWN



(A)



(B)

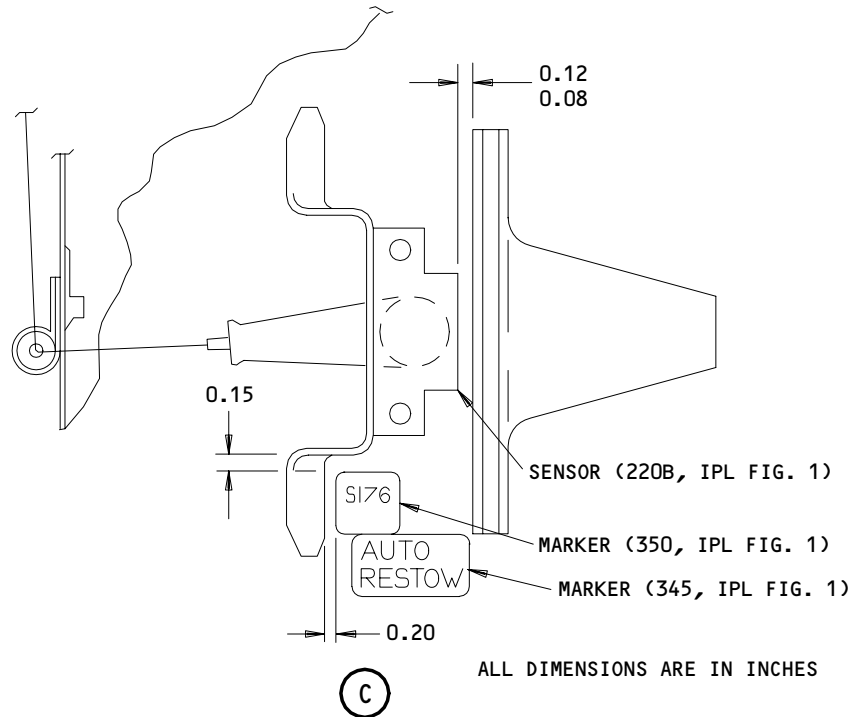
ITEM NUMBERS REFER TO IPL FIG. 5,
 UNLESS SHOWN DIFFERENTLY
 ALL DIMENSIONS ARE IN INCHES

Feedback and Position Indication Installation
 Figure 706 (Sheet 1)

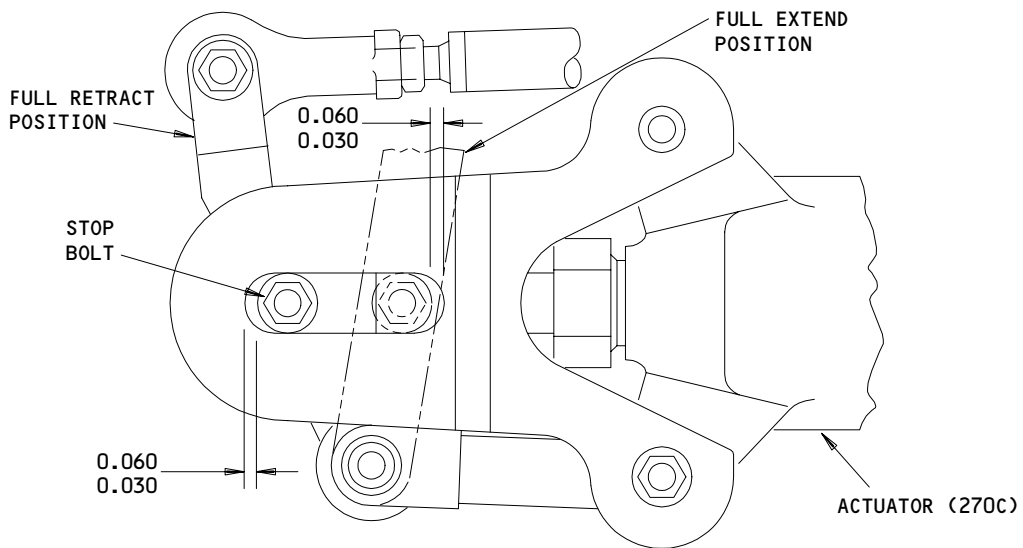
78-31-16

ASSEMBLY
 Page 716
 Sep 01/95

01.1



Feedback and Position Indication Installation
Figure 706 (Sheet 2)

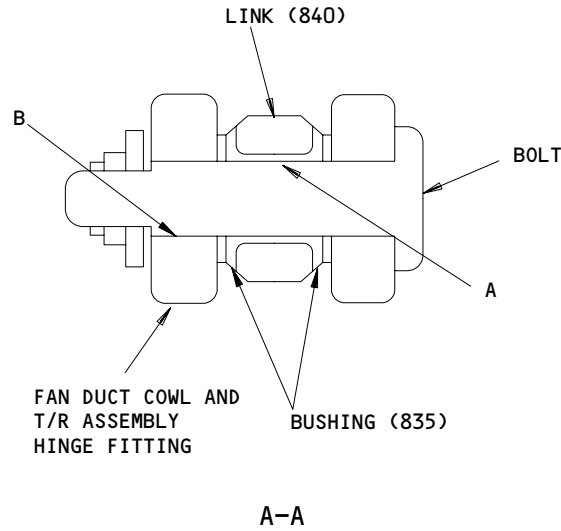
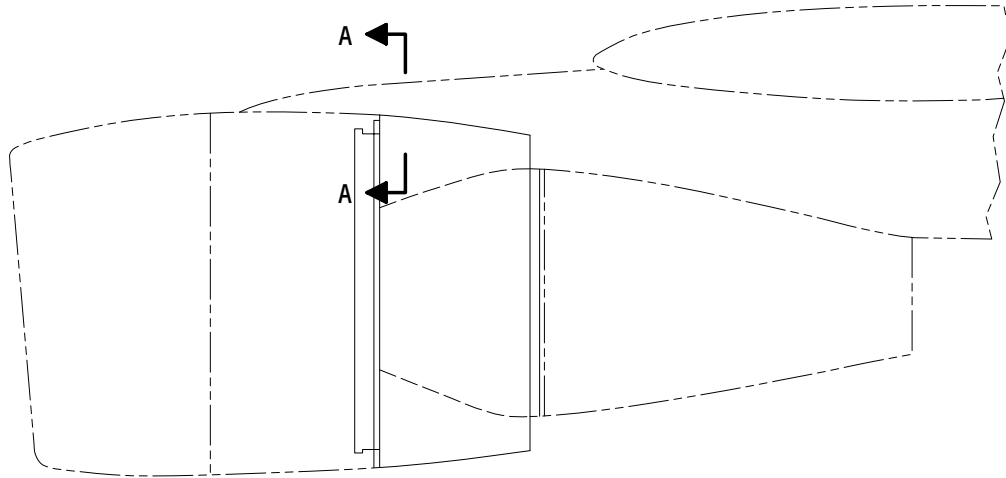


Locking Actuator Feedback Synchronization Check
Figure 707

78-31-16

ASSEMBLY
Page 717
Sep 01/95

01.1









ITEM NUMBERS REFER TO IPL FIG. 1




Fits and Clearances
Figure 801 (Sheet 1)

78-31-16

FITS AND CLEARANCES
01.1 Page 801
Dec 01/95




REF LETTER	REF IPL	DESIGN DIMENSION*				SERVICE WEAR LIMIT*		
	FIG. 1, MATING ITEM NO.	DIMENSION		ASSEMBLY CLEARANCE		DIMENSION		MAXIMUM CLEARANCE
		MIN	MAX	MIN	MAX	MIN	MAX	
A	ID 835	0.6242	0.6247	0.0002	0.0012	0.6219	0.6263	0.0043
	OD BOLT 	0.6235	0.6240					
A	ID 895	0.6242	0.6247	0.0012	0.0027	0.6204	0.6263	0.0043
	OD BOLT 	0.6220	0.6230					
B	ID FITTING 	0.6240	0.6247	0.0000	0.0012	0.6219	0.6263	0.0043
	OD BOLT 	0.6235	0.6240					
B	ID FITTING 	0.6240	0.6247	0.0010	0.0027	0.6204	0.6263	0.0043
	OD BOLT 	0.6220	0.6230					

* ALL DIMENSIONS ARE IN INCHES




-  BOLT, P/N 315T3010-29
-  BOLT, P/N 315T3010-35
-  FITTING, P/N 315T3314-7/-8
(REFER TO CMM 71-11-31 FOR REPAIR)

Fits and Clearances
Figure 801 (Sheet 2)

78-31-16

REF IPL		NAME	TORQUE*	
FIG. NO.	ITEM NO.		POUND-INCHES	POUND-FEET
1	295	NUT	20 	
2	235A	SYNCH SHAFT LOCK ASSEMBLY 	855-945	
2	239	CLAMP 	30-35	

* REFER TO SOPM 20-50-01 FOR TORQUE VALUES OF STANDARD FASTENERS.

-  TIGHTEN NUT TO NEXT CASTELLATION TO ALIGN COTTER PIN HOLES
-  B-NUT ON SYNCH SHAFT LOCK (235A, IPL FIG. 2)
-  NUT ON CLAMP (239, IPL FIG. 2)

Torque Table
 Figure 802

78-31-16

FITS AND CLEARANCES
 01.1 Page 803
 Sep 01/95

SPECIAL TOOLS, FIXTURES AND EQUIPMENT

NOTE: Equivalent substitutes may be used for listed items.

1. A71002-1 -- JT9D7R4 Thrust Reverser Sling.
2. A78010 -- Test Fixture, Spring
3. A78011-63 -- Functional Test Support Fixture

78-31-16

SPECIAL TOOLS

01.1

Page 901

Mar 01/04

ILLUSTRATED PARTS LIST

1. This section lists and illustrates replaceable or repairable component parts. The Illustrated Parts Catalog contains a complete explanation of the Boeing part numbering system.

2. Indentures show parts relationships as follows:

Assembly

Detail Parts for Assembly

Subassembly

Attaching Parts for Subassembly

Detail Parts for Subassembly

Detail Installation Parts (Included only if installation parts may be returned to shop as part of assembly)

3. One use code letter (A, B, C, etc.) is assigned in the EFF CODE column for each variation of top assembly. All listed parts are used on all top assemblies except when limitations are shown by use code letter opposite individual part entries.

4. Letter suffixes (alpha-variants) are added to item numbers for optional parts, Service Bulletin modification parts, configuration differences (except left- and right-hand parts), product improvement parts, and parts added between two sequential item numbers. The alpha-variant is not shown on illustrations when appearance and location of all variants of the part is the same.

5. Service Bulletin modifications are shown by the notations PRE SB XXXX and POST SB XXX.

A. When a new top assembly part number is assigned by Service Bulletin, the notations appear at the top assembly level only. The configuration difference at detail part level is then shown by use code letter.

B. When the top assembly part number is not changed by the Service Bulletin, the notations appear at the detail part level.

6. Parts Interchangeability

Optional
(OPT)

The parts are optional to and interchangeable with other parts having the same item number.

Supersedes, Superseded By
(SUPSDS, SUPSD BY)

The part supersedes and is not interchangeable with the original part.

Replaces, Replaced By
(REPLS, REPLD BY)

The part replaces and is interchangeable with, or is an alternate to, the original part.

7. BOEING PROPRIETARY COLOR CODED PARTS

- A. Color-coded parts are identified with an alpha "SP" suffix. This entry represents consolidation of all color codes applicable for a given usage. Orders for color-coded parts should include the registry number of the airplane for which the parts are ordered.

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1002
Mar 01/04

VENDORS

K0377 GOODRICH
STAFFORD ROAD
FORDHOUSES WOLVERHAMPTON WV10 7EH, UNITED KINGDOM
FORMERLY LUCAS AEROSPACE AND TRW

K8455 RHP BEARINGS PLC RHP AEROSPACE
OLDENDS LANE
STONEHOUSE GL10 3RM UK

OPTK6 SPS TECHNOLOGIES INC AEROSPACE PRODUCTS DIV
5195 W 4700 SPO BOX 18459
KEARNS, UTAH 84118

00624 EATON AEROQUIP INC ENGINEERED SYSTEMS DIV
300 S EAST AVE
JACKSON, MICHIGAN 49203-1972
FORMERLY AEROQUIP ELBEE PLANT V99879 OR WESTERN PLANT
V70128; FORMERLY AEROQUIP AEROSP DIV JACKSON PLANT;
FORMERLY V11328 AEROQUIP LINAIR DIV

00779 TYCO ELECTRONICS CORP
2800 FULLING MILL ROAD PO BOX 3608
MIDDLETOWN, PENNSYLVANIA 17057
FORMERLY AMP INC; FORMERLY V04618

01673 AIRDROME PRECISION COMPONENTS
3251 E AIRPORT WAY PO BOX 1867
LONG BEACH, CALIFORNIA 90806-2407
FORMERLY AIRDROME PARTS CO

02005 HAYDON SWITCH AND INSTRUMENT, INCORPORATED
1500 MERIDEN ROAD
WATERBURY, CONNECTICUT 06705-3910

02660 AMPHENOL CORP INDUSTRIAL TECHNOLOGY DIV
358 HALL AVENUE PO BOX 384
WALLINGFORD, CONNECTICUT 06492
FORMERLY BUNKER RAMO CORP, ELTRA CORP AMPHENOL AND
AMPHENOL CORP COMM AND IND DIV

02758 NETWORKS ELECTRONIC CORP U S BEARING DIV
9750 DE SOTO AVENUE
CHATSWORTH, CALIFORNIA 91311-4409
FORMERLY U S BEARING DIV NETWORKS ELEC CORP

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1003
Mar 01/04

VENDORS

03925 PARKER-HANNIFIN CORP STRATOFLEX AEROSPACE/MILITARY CONN DIV
17671 ARMSTRONG AVENUE PO BOX 16819
IRVINE, CALIFORNIA 92713-6819
FORMERLY IN HAWTHORNE AND SANTA ANA, CALIFORNIA
FORMERLY STRATOFLEX INCORPORATED

06144 INDUSTRIAL TECTONICS BEARING CORP
18301 SOUTH SANTA FE AVENUE
RANCHO DOMINGUEZ, CALIFORNIA 90221
FORMERLY IN COMPTON, CALIFORNIA

06710 LAMSON AND SESSIONS CO THE VALLEY-TODECO
12975 BRADLEY AVENUE
SYLMAR, CALIFORNIA 91342-3830
FORMERLY VALLEY BOLT CORP VB0097 IN NORTH HOLLYWOOD, CA

06725 AIR INDUSTRIES CORPORATION
12570 KNOTT STREET
GARDEN GROVE, CALIFORNIA 92641-3932
FORMERLY AIR INDUSTRIES OF CALIF IN GARDENA, CALIF.

06851 RESISTOFLEX CORP WESTERN DIV SEE RESISTOFLEX DIV OF
UNIDYNAMICS CORP V50599

06950 SCREWCORP VSI AEROSPACE PRODUCTS DIV FAIRCHILD IND DIV
13001 EAST TEMPLE AVENUE PO BOX 730
CITY OF INDUSTRY, CALIFORNIA 91746-1417
FORMERLY VB0096 AND VSI CORP SCREWCORP DIV
FORMERLY IN CULVER CITY, CALIFORNIA

07707 POP FASTENERS A BLACK & DECKER CO
510 RIVER ROAD
SHELTON, CONNECTICUT 06484-4517
FORMERLY VB0113, FORMERLY UNITED SHOE MFG CORP FASTENER DIV
FORMERLY USM CORP USM FASTENER DIV

08199 SIERRACIN-HARRISON
3020 EMPIRE AVENUE
BURBANK, CALIFORNIA 91504-3109
FORMERLY TECHNICAL IND INC OR HARRISON MFG CO DIV AXIAL CORP

08524 DEUTSCH FASTENER CORP SEE CODE V97928

08748 CRANE ELDEC CORP
16700 13TH AVE WEST
LYNNWOOD, WASHINGTON 98036
FORMERLY VB0043; FORMERLY ELECTRO DEVELOPMENT CORP;
FORMERLY ELDEC CORP.

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1004
Mar 01/04

VENDORS

08844 NORCO, INCORPORATED
139 ETHAN ALLEN HIGHWAY
RIDGEFIELD, CONNECTICUT 06877

11328 AEROQUIP SEE EATON AEROQUIP V00624

11815 CHERRY AEROSPACE FASTENERS DIV OF TEXTRON
1224 EAST WARNER AVENUE PO BOX 2157
SANTA ANA, CALIFORNIA 92707-0157
FORMERLY IN LOS ANGELES, CALIF , FORMERLY CHERRY FASTENERS
TOWNSEND DIV OF TEXTRON INC V71087

13556 LABINAL COMPONENTS AND SYS CINCH MILITARY AEROSPACE DIV
8821 SCIENCE CENTER DRIVE
MINNEAPOLIS, MINNESOTA 55428-3619
FORMERLY TRW CINCH MFG CO, FORMERLY IN NEW HOPE, MINNESOTA
FORMERLY CINCH CYLINDRICAL DIV OF LABINAL COMP & SYS

14397 FABER ENTERPRISES, INCORPORATED
6606 VARIEL AVE
CANOGA PARK, CALIFORNIA 91303-2808

14798 DEUTSCH CO METAL COMPONENTS DIV
14800 SOUTH FIGUEROA STREET
GARDENA, CALIFORNIA 90248-1719
FORMERLY WEATHERHEAD V79470 FOR AEROSPACE PRODUCTS

15653 FAIRCHILD FASTENERS KAYNAR PRODUCTS DIV
800 S STATE COLLEGE BLVD
FULLERTON, CALIFORNIA 92831-3001
FORMERLY VK6405 MICRODOT AEROSP LTD; FORMERLY KAYNAR TECH
KAYNAR DIV

17446 HUCK INTL INC AEROSPACE FASTENER DIV
900 WATSON CENTER ROAD
CARSON, CALIFORNIA 90745-4201
FORMERLY V32134 REXNORD INC; FORMERLY V97928 HUCK INTL

21335 TORRINGTON CO FAFNIR BEARING DIV
59 FIELD STREET
TORRINGTON, CONNECTICUT 06790-1008
FORMERLY FAFNIR BRG AND TEXTRON INC FAFNIR DIV IN
NEW BRITAIN, CONNECTICUT

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1005
Mar 01/04

VENDORS

21760 SCHATZ MANUFACTURING CO
 FAIRVIEW AVENUE PO BOX 1191
 POUGHKEEPSIE, NEW YORK 12601
 FORMERLY FEDERAL BRG CO AND SCHATZ MFG CO V53268
 FORMERLY SCHATZ MFG CO

30163 VALENTEC DAYRON INC
 333 MAGUIRE BLVD PO BOX 140394
 ORLANDO, FLORIDA 32814-0394

30974 AEROFIT PRODUCTS INC
 8531 WHITAKER STREET
 BUENA PARK, CALIFORNIA 90621-3129

38443 MRC BEARINGS
 402 CHANDLER STREET
 JAMESTOWN, NEW YORK 14701-3802
 FORMERLY MARLIN-ROCKWELL CORP DIV TRW AND TRW INC

40920 MPB MINIATURE PRECISION BEARING DIV
 PRECISION PARK PO BOX 547
 KEENE, NEW HAMPSHIRE 03431
 FORMERLY MPB CORP AND MINIATURE BRG DIV MPB CORP

41118 RMS COMPANY
 8600 EVERGREEN BLVD
 COON RAPIDS, MINNESOTA 55433-6036

43991 FAG BEARING INCORPORATED
 118 HAMILTON AVENUE
 STAMFORD, CONNECTICUT 06904
 FORMERLY NORMA-HOFFMAN BEARING CORPORATION
 FORMERLY NORMA FAG BEARINGS CORPORATION

49367 SEE V14283 AMPHENOL CORP.

5M902 FAIRCHILD IND INC FAIRCHILD AEROSPACE FASTENER DIV
 3016 W LOMITA BLVD
 TORRANCE, CALIFORNIA 90505-5103
 FMLY IN REDONDO BEACH, CALIF

50599 CRANE RESISTOFLEX COMPANY
 2575 WEST 5TH STREET
 JACKSONVILLE, FLORIDA 22205
 FORMERLY RESISTOFLEX DIV OF UNIDYNAMICS

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1006
 Mar 01/04

VENDORS

50808 UNITED SUPPLY CO INC
3676 S BROADWAY PLACE
LOS ANGELES, CALIFORNIA 90007-4432

50948 PARKER-HANNIFIN CORP HUNTSVILLE AIRCRAFT FACILITY
9400 SOUTH MEMORIAL PARKWAY
HUNTSVILLE, ALABAMA 35802
FORMERLY PARKER-HANNIFIN CORP TUBE FITTINGS DIV

52828 REPUBLIC FASTENER MFG CORP
1300 RANCHO CONEJO BLVD
NEWBURY PARK, CALIFORNIA 91320-1405
FORMERLY IN SYLMAR, CALIFORNIA

56878 SPS TECHNOLOGIES INC AEROSPACE AND INDUSTRIAL PRODUCTS DIV
301 HIGHLAND AVE
JENKINTOWN, PENNSYLVANIA 19046
FORMERLY STANDARD PRESSED STEEL

57606 REXNORD CORP PSI BEARINGS DIV
2175 UNION PL
SIMI VALLEY, CALIFORNIA 93065-1661
FORMERLY PSI BEARINGS

60119 MONADNOCK CO THE
18301 ARENTH AVENUE PO BOX 1222
CITY OF INDUSTRY, CALIFORNIA 91749
FORMERLY UNITED CARR FASTENER CORP VB0051 VB0056 VB0076
FORMERLY TRW ELECTRONIC COMPONENTS CINCH-MONADNOCK DIV
FORMERLY CINCH-MONADNOCK DIV OF TRW INC V76530

60516 WEST COAST AEROSPACE INC
812 MIRAFLORES STREET
SAN PEDRO, CALIFORNIA 90731-1439

60980 MEGGITT-OREGON INC DBA MEGGITT SILICONE PROD DIV MSP
2010 LAFAYETTE AVE P.O. BOX 887
MCMINNVILLE, OREGON 97128
FORMERLY ELASTOMERIC SILICON PRODUCTS

61498 SEE CODE V14798

71087 BOOTS ACFT NUT DIV TOWNSEND CO SEE TEXTRON INC CHERRY
FASTENER TOWNSEND DIV V11815

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1007
Mar 01/04

VENDORS

72962 HARVARD INDUSTRIES INC
3 WERNER WAY SUITE 210
LEBANON, NEW JERSEY 08833
FORMERLY AMERACE CORP ESNA DIV
FORMERLY ELASTIC STOP NUT IN UNION, NJ

73197 HI-SHEAR TECHNOLOGY CORP
2600 SKYPARK DRIVE
TORRANCE, CALIFORNIA 90509

76530 CINCH-MONADNOCK DIV TRW SEE TRW ELECTRONIC COMP
MONADNOCK MILLS SEE CINCH-MONADNOCK DIV OF UNITED CARR
TRW INC TRW ELECTRONIC COMPONENTS CINCH-MONADNOCK DIV SEE
MONADNOCK CO THE V60119

78570 TITFLEX CORP SUB OF BUNDY CORP
603 HENDEE STREET PO BOX 90054
SPRINGFIELD, MASSACHUSETTS 01139

80539 SPS TECHNOLOGIES INC AEROSPACE PRODUCTS DIV
2701 SOUTH HARBOR BOULEVARD PO BOX 1259
SANTA ANA, CALIFORNIA 92702-1259
FORMERLY NUTT-SHEL DIV OF SPC WESTERN CO V80539
AND STANDARD PRESSED STEEL WESTERN DIV V17279

83014 HARTWELL CORPORATION
900 SOUTH RICHFIELD ROAD
PLACENTIA, CALIFORNIA 92670-6732
FORMERLY V0532B IN LOS ANGELES, CALIFORNIA

83086 NEW HAMPSHIRE BALL BEARING, INC HITECH DIVISION
172 JAFFREY ROAD
PETERBOROUGH, NEW HAMPSHIRE 03458

84256 AVIBANK MANUFACTURING COMPANY
210 SOUTH VICTORY BLVD PO BOX 391
BURBANK, CALIFORNIA 91503
FORMERLY AVDEL INC AND ROWE SALES CO VB0001
FORMERLY PRICE, D.W. CORP LOS ANGELES, CALIFORNIA V97978

88334 WEATHERHEAD GLENDALE, CALIF SEE WEATHERHEAD CLEVELAND V79470

92215 FAIRCHILD IND INC FAIRCHILD AEROSPACE FASTENER DIV
3010 W LOMITA BLVD
TORRANCE, CALIFORNIA 90505-5102
FORMERLY VOI-SHAN IN CULVER CITY, CALIF

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1008
Mar 01/04

VENDORS

93835 PARKER HANNIFIN CORP ABEX DIV
2220 PALMER AVENUE
KALAMAZOO, MICHIGAN 49001
FORMERLY NATIONAL WATERLIFE CO; FORMERLY PNEUMO CORP.;
FORMERLY NWL CONTROLS; FORMERLY ABEX NWL AEROSPACE

95272 STILLMAN SEL CORP
6020 AVENIDA ENCINAS
CARLSBAD, CALIFORNIA 92009-1001
FORMERLY SARGENT IND

97928 SEE V17446 HUCK INTL
SEE V17446 HUCK INTL
HUCK INTL SEE V17446 HUCK INTL

99862 CARR LANE MANUFACTURING COMPANY
4200 CARR LANE CT
ST. LOUIS, MISSOURI 63119-2129

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1009
Mar 01/04

REFERENCE DESIGNATOR INDEX (SEE SCHEMATIC DIAGRAM)		
REFERENCE DESIGNATOR	PART NUMBER	FIG-ITEM
S164	8-348-02	1-195B
S165	8-348-02	196B
S166	8-348-02	195B
S167	8-348-02	196B
S176	8-344-03	220C
S177	8-344-03	221C

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1010
Mar 01/04

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
AFP107-6		2	320	1
		2	340	4
		2	370	4
AFP175V06		2	125	6
		2	310	1
		2	335	4
		2	365	4
		2	190	1
AFP238-0806J		2	220	1
AFP241-06J		2	230	1
AFP241-12J		2	315	1
AFP941H6		2	315	1
AN3053-4		1	235	1
AN3054-4		1	240	1
AN3055-12-4		1	245	1
AN525-10R6		1	426	4
AN742D4		1	250	1
AN743-12		3	25	24
AN924-8J		2	200	1
AN960-10		1	753	4
AN960-10L		5	205	1
		1	260A	1
AN960-416		1	263	1
		5	155	2
AN960-516		2	285	6
AN960-8L		1	682	6
AN960C10L		1	674	11
AN960PD10		1	303	2
		2	20	18
		2	25	16
		3	21	6
		1	300	2
		1	303A	2
AN960PD10L		3	20	38
		2	195	2
		5	195	1
AN960PD1216		1	436	4
AN960PD416L		1	436	4
AN960XC4L		1	436	4
APX832-0806J		2	190	1
APX832J0806		2	190	1
AP1004H06		2	315	1
AP1008-06J		2	220	1
AP1008-12J		2	230	1
AP1028T6		2	320	1
		2	340	4
AP2097-06H		2	370	4
		2	370	4
		2	125	6

78-31-16

ILLUSTRATED PARTS LIST
 01.1 Page 1011
 Mar 01/04

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
AP2097-06H		2	310	1
		2	335	4
		2	365	4
AS119G0151DDN		2	205	1
AS119G0181CCN		2	210	1
AS152G0151DDN		2	205	1
AS152G0181CCN		2	210	1
A2724-3		1	660B	1
		6	55	1
A6501-3		1	660J	1
BACB10BX4		5	70	1
		5	255	1
BACB28AK04-020		5	165	1
BACB28AK04-053		5	245	1
BACB28AK05-036		1	636	1
BACB28AK05-038		2	290	3
BACB28AP04P012		5	75	1
BACB28AP06P012		5	80	1
BACB28X7M020		1	633	1
BACB30FM8A11		5	145	1
BACB30FN5A4		1	681	6
BACB30LE4-10		5	140	1
BACB30LE4-58		5	220	1
BACB30LJ3-7		1	50	2
		1	110	2
		4	30	2
BACB30LJ5-18		1	630A	1
BACB30LL3-3		1	80G	4
		1	95K	4
		4	35	4
BACB30LL3-4		1	160	12
		4	117	2
BACB30LL4-2		1	55	2
		1	115	2
BACB30LL4-3		1	60B	6
BACB30LL4-4		1	120A	7
BACB30LM3-22		2	12A	18
		2	15A	16
BACB30LM4-2		2	245	6
BACB30LM4-4		1	656A	2
BACB30LU3-21		5	185A	1
BACB30NM3K4		1	673A	11
BACB30NN4C4		1	95L	7

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1012
 Mar 01/04

015T0438
 315T3001
 315T4726

 **BOEING**
 COMPONENT
 MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
BACB30NN4K2		1	55B	2
BACB30NN4K3		1	60C	6
BACB30NT3K2		6	5	2
BACB30NX6K6		5	85	1
BACB30NX8K25		1	736	1
BACB30NY8K20		1	740	2
BACB30NY8K22		1	706	20
BACB30VF3K12		1	390A	4
BACB30VF4K12		1	366A	2
BACB30VF4K2		4	10B	3
BACB30VF4K3		4	15B	5
		4	40B	4
		4	107B	2
BACC10GU		3	5	44
BACC13Y3B42		6	30	1
BACC14AD06J		2	220	1
BACC14AD12J		2	230	1
BACC30M5		1	683	6
BACC30M8		1	709	20
		1	743	3
BACC30X6SW		5	100	1
BACC45FM14-7P		1	430	1
BACE21AU0606		2	175	1
BACF22U2		6	35	1
BACH6P0151DDN		2	205	1
BACH6P0181CCN		2	210	1
BACN10CS06J		2	130	6
BACN10GW3		1	305	2
BACN10JC3		1	265	1
		3	30	44
BACN10JC3CD		6	10	2
BACN10JC3CM		1	756	4
		2	40	16
		2	45	14
		5	210	1

78-31-16

ILLUSTRATED PARTS LIST
 01.1 Page 1013
 Mar 01/04

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
BACN10JC7C		1	820	2
BACN10JD105		2	295	3
BACN10JN3		1	393	4
BACN10JN4		1	370	2
BACN10JR3CFM		1	82	4
BACN10JR3CFM		1	98	4
		1	147	4
		1	162	8
		4	80	4
		4	125	2
BACN10JR4CFM		1	83	3
		1	97	4
		4	85	4
		4	130	2
BACN10NR6		2	320	1
		2	340	4
		2	370	4
BACN10XP1		1	440	4
BACN18H5		1	185	2
BACR15BA3AD		1	373	4
		1	396	8
BACR15BA3AD2		4	75	16
		4	120	8
BACR15BA3AD3		1	81	14
		1	96A	16
BACR15BA5AD		1	77	12
		1	85	43
		1	135	12
		4	55	2
		4	172	12
BACR15BA5AD2		1	99G	2
BACR15BA5B		4	185	12
BACR15BB3AD		1	800	4
		5	45	4
		5	280	2

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1014
 Mar 01/04

015T0438
 315T3001
 315T4726

 **BOEING**
 COMPONENT
 MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
BACR15BB5AD		1	69	4
		1	99H	4
BACR15BB5AD3		4	60	6
BACR15CE3AD2		1	146	8
		1	161	16
BACR15CE3AD3		1	66	2
BACR15CE5AD2		1	68	2
BACS12BP3AP9		1	693	5
		1	720	1
BACS12CK3-7		1	225	2
BACS13BX06H		2	125	6
		2	310	1
		2	335	4
		2	365	4
BACS40R08C48F		4	45	1
BACS40R12C26F		4	109	1
BACS40R13D52F		1	717	5
BACS40R6F22F		2	73	4
		2	78	3
BACS40R6F24F		2	88	2
BACS40R6F34F		2	98	1
BACS40R6F44F		2	58	2
BACT11SH18F		2	300	4
BACT16BR060606J		2	345	1
		2	375	1
BACT16BR060606J		2	345A	1
		2	375A	1
BACU24AA0806J		2	190	1
BACU24AB6H		2	315	1
BACW10BP3DP		1	230	2
BACW10BP4AC		5	235	1
BACW10BP4AP		5	230	1
BACW10P321S		5	150	1
BACW10P69S		5	95	1
		5	200	1

78-31-16

ILLUSTRATED PARTS LIST
 01.1 Page 1015
 Mar 01/04

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
BAC27TTR0001		1	453	1
BAC27TTR0002		1	456	1
BAC27TTR0003		1	460	1
BAC27TTR0004		1	463	1
BAC27TTR0005		1	466	1
BAC27TTR0006		1	470	1
BAC27TTR0008		1	473	1
BAC27TTR0009		1	476	1
BAC27TTR0012		1	480	1
BAC27TTR0013		1	483	1
BAC27TTR0016		1	345	1
BAC27TTR0017		1	315	1
BAC27TTR0018		1	330	1
BAC27TTR0026		1	335	1
BAC27TTR0027		1	340	1
BAC27TTR0028		1	320	1
BAC27TTR0029		1	325	1
BAC27TTR0030		1	350	1
BAC27TTR0031		1	355	1
BAC27TTR0043		6	60	1
BCREF116854		2	345A	1
		2	375A	1
BC921T6		2	320	1
		2	340	4
		2	370	4
BLC4BC18S		6	20A	1
BRFM20A3		1	393	4
BRF200C3M		1	82	4
		1	98	4
		1	147	4
		1	162	8
		4	80	4
		4	125	2
BRF200C4M		1	83	3
		1	97	4
		4	85	4
		4	130	2
BRH10A3		1	265	1
		3	30	44
BRH10C3D		6	10	2
BRH10C3M		1	756	4
		2	40	16
		2	45	14
		5	210	1

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1016
 Mar 01/04

015T0438
 315T3001
 315T4726

 **BOEING**
 COMPONENT
 MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
B464DDD0181CN		2	205	1
		2	210	1
CL4BLPB1-8S		6	20	1
CL4F		6	35	1
CS204E		5	70	1
		5	255	1
C48-00R14-7P102		1	430	1
DBOC14AD06J		2	220	1
DBOC14AD12J		2	230	1
DBON10NR6		2	320	1
		2	340	4
		2	370	4
DBOS13BX06H		2	125	6
		2	310	1
		2	335	4
		2	365	4
DBOU24AA0806J		2	190	1
DBOU24AB6H		2	315	1
ERO1921-6T		2	320	1
		2	340	4
		2	370	4
ER10637-0606		2	175	1
ER832-0806J		2	190	1
FER1579-0806J		2	190	1
FER22661-06J		2	220	1
FER22661-12J		2	230	1
FER8928-6		2	320	1
		2	340	4
		2	370	4
F11-6		2	320	1
		2	340	4
		2	370	4
F5001-3BAC		1	82	4
		1	98	4
		1	147	4
		1	162	8
		4	80	4
		4	125	2
F5001-4BAC		1	83	3
		1	97	4
		4	85	4
		4	130	2
HL1012AZ6-6		5	85	1

78-31-16

ILLUSTRATED PARTS LIST
 01.1 Page 1017
 Mar 01/04

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
HL1012AZ8-25		1	736	1
HL1187DUW6		5	100	1
HL12VAZ6-6		5	85	1
HL12VAZ8-25		1	736	1
HL13VAZ8-20		1	740	2
HL13VAZ8-22		1	706	20
HL13V20		1	740	2
HL13V22		1	706	20
HL19-5A4		1	681	6
HL41PY5-4		1	681	6
HL440UC8-11		5	145	1
HL441N5-4		1	681	6
HL441UC5-4		1	681	6
HL441UC8-11		5	145	1
HL70-5		1	683	6
HL79-5		1	683	6
HL79-8		1	709	20
		1	743	3
HL87DUW6		5	100	1
H01-3BAC		1	756	4
		2	40	16
H01-3BAC		2	45	14
		5	210	1
H10-3BAC		1	265	1
		3	30	44
H2626-35		1	685A	1
H2865-17		1	687A	1
H2865-19		1	687B	1
H51650-3BAC		6	10	2
H93-3		1	305	2
KP4A		5	70	1
		5	255	1

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1018
 Mar 01/04

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
KP4AFS428		5	70	1
		5	255	1
KP4AG27		5	70	1
		5	255	1
KP4ALY196		5	70	1
		5	255	1
KP4ANJC		5	70	1
		5	255	1
KP4ASD610		5	70	1
		5	255	1
KP4A2TS		5	70	1
		5	255	1
LER832-0806J		2	190	1
LLKP4A		5	70	1
		5	255	1
L801-8K20		1	740	2
L801-8K22		1	706	20
L802-6K6		5	85	1
L802-8K25		1	736	1
L8058A11		5	145	1
L839-5A4		1	681	6
MF1000-3BAC		1	393	4
MF1000-4BAC		1	370	2
MF53049-3		1	393	4
MS17984C418		6	20B	1
MS20613-6C30		6	45	1
MS21919WCH28		6	40	2
MS21919WCH5		6	15	2
MS21921-6J		2	320A	1
		2	340A	4
		2	370A	4
MS24665-153		2	275	3

78-31-16

ILLUSTRATED PARTS LIST
 01.1 Page 1019
 Mar 01/04

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
MS25224-3		1	415	3
		1	416	2
		1	418	2
MS27253-2		1	796	1
NAS1200-6		1	688	8
NAS1801-04-5		1	433	4
NAS1801-3		3	10	38
NAS1801-3-12		1	295A	2
NAS1805-4N		5	160	2
		5	240	1
NAS43DD3-12		5	127A	1
NAS43DD3-68		2	30A	18
		2	35A	16
NAS43DD3-8		5	90	1
		5	127	1
NAS43HT4-139		5	225	1
NAS509-5C		5	30	1
NAS577-5A		1	640	1
NAS578-5A		1	643	1
NAS603-8P		1	255	1
NAS6703-19		1	746	2
NAS6703-20		1	750	2
NAS6703-3		1	673	11
NAS6703U4		3	15A	6
NAS6704-2		2	245	6
NAS6705D18		2	280	3
NAS74A5E006P		2	290B	3
NS103203SE02		1	82	4
		1	98	4
		1	147	4
		1	162	8
		4	80	4
		4	125	2
		4	130	2
NS103203SE048		1	83	3
		1	97	4
		4	85	4
NS103218-02		4	130	2
		1	393	4

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1020
 Mar 01/04

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
NS103218-048		1	370	2
NS202101-02		1	265	1
		3	30	44
NS202101SE02		1	756	4
		2	40	16
		2	45	14
NS202101SE02		5	210	1
NS202486-02		6	10	2
P20701		1	830	2
P21620		5	115	1
		82	1	RF
P21621		82	5	1
RC1108		1	653	1
RMF9201M3		1	393	4
RMF9201M4		1	370	2
RMLH18-3		1	305	2
RMLH9075-3W		1	265	1
		3	30	44
R071914-7P		1	430	1
R8947P0151DDN		2	205	1
R8947P0181CCN		2	210	1
R8963P0151DDN		2	205	1
R8963P0181CCN		2	210	1
R8963P0181DDN		2	205	1
SI2401		1	185	2
SL7020S332		1	305	2
SSD66SSBS		6	50	3
S283T006-7		1	220C	2
		1	221C	2
S283T006-8		1	195B	2
		1	196B	2
S302T001-202B		1	830	2
S302T001-301A		5	115	1
		82	1	RF
S302T001-301B		82	5	1
S302T001-304A		5	25	1
		81	1	RF
S314T220-3		1	653	1
S315N370-2		2	235A	1
S315T101-2		1	685A	1
S315T101-4		1	687A	1
S315T360-28		2	270C	1
S315T360-29		2	265C	2
S315T360-30		2	270D	1
S315T360-31		2	265D	2
S315T360-34		2	270F	1
S315T360-35		2	185A	2

78-31-16

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
S315T360-39		2	265F	2
S315T360-40		2	270H	1
S315T360-47		2	350	1
		2	380	1
S315T360-5		2	180	2
S315T360-7		2	235	1
S315T366-2		1	660B	1
		6	55	1
S315T366-9		1	660J	1
TY1878-21		2	235A	1
T6C1032JCD		6	10	2
T6C1032JM		1	756	4
		2	40	16
		2	45	14
		5	210	1
T6S1032J		1	265	1
		3	30	44
T8092C1032		1	82	4
		1	98	4
		1	147	4
		1	162	8
		4	80	4
		4	125	2
T8092C428		1	83	3
		1	97	4
		4	85	4
		4	130	2
T8124S4S		1	370	2
USB4-136		5	115B	1
		82	1	RF
US2103-06J		2	220	1
US2103-12J		2	230	1
US2113-0806J		2	190	1
VN152D1-02		1	82	4
		1	98	4
		1	147	4
		1	162	8
		4	80	4
		4	125	2
VN152D1-048		1	83	3
		1	97	4
VN152D1-048		4	85	4
		4	130	2
VN252A02		1	393	4

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1022
 Mar 01/04

015T0438
 315T3001
 315T4726

 **BOEING**
 COMPONENT
 MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
VN252A048		1	370	2
VN303A02		1	265	1
		3	30	44
VN303D02		1	756	4
		2	40	16
		2	45	14
		5	210	1
VN497A02		1	305	2
VTA04560		5	25	1
		81	1	RF
VTA04561		81	5	1
VTA04563		81	10	1
VTB04531		1	830	2
VTB04540		5	115	1
		82	1	RF
VTB04541		82	5	1
VTB04542		82	10	1
WC130-8-11		5	145	1
W30837-0606		2	175	1
ZZYAC1714-7P		1	430	1
015T0438-55		1	1F	RF
015T0438-56		1	5E	RF
015T0438-57		1	10E	RF
015T0438-58		1	15G	RF
015T0438-59		1	1G	RF
015T0438-60		1	5F	RF
015T0438-61		1	10F	RF
015T0438-62		1	15H	RF
015T0438-63		1	1L	RF
015T0438-64		1	5H	RF
015T0438-65		1	10K	RF
015T0438-66		1	15K	RF

78-31-16

ILLUSTRATED PARTS LIST
 01.1 Page 1023
 Mar 01/04

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
015T0438-67		1	1J	RF
015T0438-68		1	10H	RF
1010014		1	185	2
102LH9075-3W		6	10	2
109F9201-3		1	82	4
		1	98	4
		1	147	4
		1	162	8
		4	80	4
109F9201-3		4	125	2
109F9201-4		1	83	3
		1	97	4
		4	85	4
		4	130	2
109LH9075-3W		1	756	4
		2	40	16
		2	45	14
		5	210	1
132003		1	440	4
2-01027-6H		2	315	1
2-010890806J		2	190	1
2-02813-06J		2	220	1
2-02813-12J		2	230	1
2-02903-06H		2	125	6
		2	310	1
		2	335	4
		2	365	4
2-03005T6		2	320	1
		2	340	4
		2	370	4
2190000-13		2	265C	2
2190000-18		2	270C	1

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1024
 Mar 01/04

015T0438
 315T3001
 315T4726

 **BOEING**
 COMPONENT
 MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
2190000-20		2	270D	1
2190000-21		2	265F	2
2190000-22		2	270F	1
2190000-24		2	270H	1
286T0326		3	40	1
286T0328		3	70	1
286T0330		3	45	1
286T0332		3	75	1
288T3199		1	806	RF
		3	1	RF
315N3001-29SP		1	10C	RF
315N3001-5055		1	20E	1
315T1010-16		1	810	2
315T1010-31		1	810B	2
315T1010-34		1	815	2
315T1010-7		1	810A	2
315T1015-1		5	170	1
315T1015-3		5	250	1
315T1604-1		1	406	1
315T1604-2		1	406A	1
315T1604-6		1	406B	1
315T3001-10SP		1	15A	RF
315T3001-12		1	758A	1
315T3001-13		1	718B	10
315T3001-23SP		1	1B	RF
315T3001-24SP		1	5B	RF
315T3001-25SP		1	10B	RF
315T3001-26SP		1	15B	RF
315T3001-27SP		1	1C	RF
		1	776	1
315T3001-28SP		1	5A	RF
		1	780	1
315T3001-29SP		1	10D	RF
		1	776	1
315T3001-30SP		1	15A	RF
		1	780	1

78-31-16

ILLUSTRATED PARTS LIST
 01.1 Page 1025
 Mar 01/04

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
315T3001-33SP		1	1C	RF
315T3001-35SP		1	10C	RF
315T3001-39		1	776C	1
315T3001-40		1	780C	1
315T3001-5		1	758	2
315T3001-5006		1	25	1
315T3001-5008		1	35	1
315T3001-5010		1	25A	1
315T3001-5012		1	35A	1
315T3001-5013		1	30B	1
315T3001-5014		1	25B	1
315T3001-5015		1	20B	1
315T3001-5016		1	35B	1
315T3001-5017		1	20C	1
315T3001-5019		1	30C	1
315T3001-5021		1	20D	1
315T3001-5023		1	30D	1
315T3001-5025		1	20E	1
315T3001-5027		1	30E	1
315T3001-5033		1	20G	1
315T3001-5034		1	25D	1
315T3001-5035		1	30G	1
315T3001-5036		1	35D	1
315T3001-5045		1	20K	1
315T3001-5046		1	25G	1
315T3001-5047		1	30K	1
315T3001-5048		1	35G	1
315T3001-5055		1	23A	1
		1	30E	1
315T3001-5056		1	25B	1
		1	28A	1
		1	35B	1
315T3001-5057		1	20L	1
315T3001-5058		1	25H	1
315T3001-5059		1	30L	1
315T3001-5060		1	35H	1
315T3001-5061		1	20M	1
315T3001-5063		1	30M	1
315T3001-5065		1	20N	1
315T3001-5067		1	30N	1
315T3001-5073		1	20P	1
315T3001-5075		1	30P	1
315T3001-64		1	793C	1
315T3001-64SP		1	15E	RF
315T3001-7SP		1	1A	RF
315T3001-8SP		1	5A	RF
315T3001-9SP		1	10A	RF

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1026
 Mar 01/04

015T0438
 315T3001
 315T4726

 **BOEING**
 COMPONENT
 MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
315T3002-25		1	783	1
315T3002-26		1	786	1
315T3002-27		1	790	1
315T3002-28		1	793	1
315T3002-33		1	783A	1
315T3002-35		1	790A	1
315T3002-43		1	783C	1
315T3002-45		1	790C	1
315T3002-47		1	783D	1
315T3002-49		1	790D	1
315T3002-88		1	793C	1
315T3009-1		1	840	2
315T3013-1		1	825	2
315T3102-1		1	703	5
315T3102-2		1	715	5
315T3102-4		1	703A	5
315T3102-5		1	715A	5
315T3103-1		1	730	1
315T3103-10		1	770	1
315T3103-11		1	730C	1
315T3103-12		1	763B	1
315T3103-2		1	733	1
315T3103-3		1	763	1
315T3103-4		1	766	1
315T3103-7		1	730A	1
315T3103-8		1	733A	1
315T3103-9		1	763A	1
315T3159-1		1	660D	1
		6	1	RF
315T3159-3		6	25	1
315T3208-1		1	669	1
315T3208-2		1	671	1
315T3208-5001		1	671D	1
315T3208-5002		1	671G	1
315T3208-5003		1	671K	1
315T3208-5004		1	671P	1
315T3250-1		1	676	1
315T3250-2		1	678	1
315T3250-3		1	690	1
315T3250-4		1	691	1
315T3250-5		1	676A	1
315T3250-6		1	678A	1
315T3251-1		1	672	11
315T3251-2		1	672A	11
315T3252-1		1	680	1

78-31-16

ILLUSTRATED PARTS LIST
 01.1 Page 1027
 Mar 01/04

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
315T3252-2		1	680A	1
315T3315-2		1	835	4
315T3500-1		1	776	1
315T3500-2		1	780	1
315T3500-21		1	776A	1
315T3500-22		1	780A	1
315T3517-1		1	712	10
		1	760	2
315T3529-10		1	78	1
315T3529-11		1	45E	1
315T3529-12		1	45F	1
315T3529-13		1	92A	1
315T3529-14		1	92	1
315T3529-2		1	40A	1
315T3529-4		1	90	1
315T3529-5		1	45G	1
315T3529-6		1	45H	1
315T3529-7		1	91A	1
315T3529-8		1	91	1
315T3529-9		1	78A	1
315T3530-1		1	122A	1
315T3530-10		4	170	1
315T3530-11		4	100A	1
315T3530-12		4	105A	1
315T3530-13		4	145	1
315T3530-14		4	150	1
315T3530-2		1	123A	1
315T3530-3		1	165	1
315T3530-4		1	170	1
315T3530-5		1	125	1
		4	175	1
		4	190	1

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1028
 Mar 01/04

015T0438
 315T3001
 315T4726

 **BOEING**
 COMPONENT
 MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
315T3530-6		1	130	1
		4	180	1
		4	195	1
315T3530-7		4	155A	1
315T3530-8		4	160A	1
315T3530-9		4	165	1
315T3539-1		1	700	5
		1	726	1
315T3539-3		1	696	5
		1	723	1
315T3556-1		1	360	1
315T3556-11		1	383	1
315T3556-12		1	386	1
315T3556-13		1	400	1
315T3556-14		1	403	1
315T3556-2		1	363	1
315T3556-7		1	376	1
315T3556-8		1	380	1
315T3579-1SP		1	37A	1
315T3579-3SP		1	37B	1
315T3579-4SP		1	38B	1
315T3579-5SP		1	122	1
		4	1	RF
315T3579-6SP		1	123	1
		4	5	RF
315T3602-1		1	663	1
		2	1	RF
315T3602-11		2	105	1
315T3602-13		1	663A	1
		2	1A	RF
315T3602-14		1	666A	1
		2	5A	RF
315T3602-2		1	666	1
		2	5	RF
315T3602-3		2	100	1

78-31-16

ILLUSTRATED PARTS LIST
 01.1 Page 1029
 Mar 01/04

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
315T3602-4		2	115	1
315T3602-5001		2	7	1
315T3602-5002		2	9	1
315T3602-5003		2	7A	1
315T3602-5004		2	9A	1
315T3602-5005		2	7B	1
315T3602-5006		2	9B	1
315T3602-5007		2	7C	1
315T3602-5008		2	9C	1
315T3602-5009		2	8	1
315T3602-5010		2	10	1
315T3602-5011		2	8A	1
315T3602-5012		2	10A	1
315T3602-5013		2	8B	1
315T3602-5014		2	10B	1
315T3602-5015		2	8C	1
315T3602-5016		2	10C	1
315T3602-5017		2	8D	1
315T3602-5018		2	10D	1
315T3602-5021		2	8E	1
315T3602-5022		2	10E	1
315T3602-7		2	120	1
315T3602-9		2	110	1
315T3605-1		1	624	1
315T3605-2		1	625	1
315T3605-4		1	657A	2
315T3605-5001		1	658	1
315T3605-5002		1	658A	1
315T3605-5003		1	658B	1
315T3605-7001		1	627	1
315T3631-1		2	240	6
315T3631-11		2	243	1
315T3631-12		2	255B	1
315T3631-2		2	255	6
315T3631-3		2	250	6

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1030
 Mar 01/04

015T0438
 315T3001
 315T4726



BOEING
 COMPONENT
 MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
315T3631-7		2	240A	6
		2	242	5
315T3631-8		2	255A	6
		2	255C	5
315T3632-1		5	260	1
315T3632-2		5	265	1
315T3632-3		5	270	1
315T3632-4		5	275	1
315T3633-26		2	260	6
315T3635-17		2	60B	1
		2	65B	1
315T3635-2		2	90	2
315T3635-20		2	60C	1
		2	65C	1
315T3635-3		2	70	8
		2	75	6
315T3635-4		2	60	8
		2	60A	7
		2	65	6
		2	65A	5
315T3635-5		2	85	4
315T3635-6		2	80	4
315T3635-7		2	55	4
315T3635-8		2	50	4
315T3635-9		2	95	2
315T3636-1		2	290A	3
315T3655-1		1	409	1
315T3655-2		1	412	1
315T3655-5		1	410	1
315T3656-10		1	423	1
315T3656-17		1	421	1
315T3656-18		1	427	1
315T3656-19		1	424	1
315T3656-9		1	420	1
		1	428	1
315T3701-1		1	486	1
		5	1	RF
315T3701-2		1	490	1
		5	5	RF
315T3701-5		5	285	1
315T3701-5001		5	10	1
315T3701-5002		5	15	1
315T3701-5003		5	10B	1
315T3701-5004		5	15B	1
315T3701-5005		5	10A	1
315T3701-5006		5	15A	1
315T3701-5007		5	10C	1

78-31-16

ILLUSTRATED PARTS LIST
 01.1 Page 1031
 Mar 01/04

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
315T3701-5008		5	15C	1
315T3701-7001		5	130	1
315T3701-7002		5	135	1
315T3703-10		1	285A	1
315T3703-3		1	175	1
315T3703-4		1	180	1
315T3703-5		1	270	1
315T3703-6		1	275	1
315T3703-9		1	280A	1
315T3705-13		1	148	1
315T3705-14		1	149	1
315T3705-15		1	71	1
315T3705-17		1	70A	1
		1	99N	1
315T3705-18		1	99M	1
315T3705-19		1	67	1
315T3705-20		1	150A	1
315T3705-21		1	155A	1
315T3705-24		1	163	1
315T3705-25		1	164	1
315T3705-26		1	75A	1
315T3705-3		1	140	1
315T3705-33		1	84A	1
315T3705-34		1	84	1
315T3705-35		1	80B	1
315T3705-36		1	80A	1
315T3705-37		4	110	1
315T3705-38		4	115	1
315T3705-39		4	135	1
315T3705-4		1	145	1
315T3705-40		4	140	1
315T3705-45		4	65	1
315T3705-46		4	70	1
315T3705-47		1	95D	1
315T3705-48		1	95C	1
315T3705-49		1	99C	1
315T3705-50		1	99B	1
315T3705-67		4	20B	1
315T3705-68		4	25B	1
315T3705-69		4	90B	1
315T3705-7		1	65	1
315T3705-70		4	95B	1
315T3706-1		5	175	1
315T3706-2		5	180	1
315T3721-1		5	20	1

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1032
 Mar 01/04

015T0438
 315T3001
 315T4726

 **BOEING**
 COMPONENT
 MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
315T3721-10		5	50A	1
315T3721-2		5	50	1
315T3721-3		5	40	1
315T3721-4		5	35	1
315T3721-9		5	20B	1
315T3722-1		5	60	1
315T3722-10		5	65A	1
315T3722-11		5	105A	1
315T3722-12		5	110A	1
315T3722-13		5	120A	1
315T3722-14		5	125A	1
315T3722-2		5	65	1
315T3722-3		5	120	1
315T3722-4		5	125	1
315T3722-7		5	105	1
315T3722-8		5	110	1
315T3722-9		5	60A	1
315T3723-1		5	215	1
315T3723-3		1	290A	1
315T4026-17		1	776D	1
315T4026-18		1	780D	1
315T4026-19		1	776E	1
315T4026-20		1	780E	1
315T4246-10		2	240D	6
315T4246-11		2	240F	6
		2	243A	1
315T4246-9		2	240E	6
		2	242A	5
315T4531-5		4	200	1
315T4531-6		4	205	1
315T4726-100		1	6C	RF

78-31-16

ILLUSTRATED PARTS LIST
 01.1 Page 1033
 Mar 01/04

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
315T4726-101		1	2F	RF
315T4726-102		1	6E	RF
315T4726-103		1	11F	RF
315T4726-104		1	16E	RF
315T4726-105		1	2G	RF
315T4726-107		1	11G	RF
315T4726-109		1	2E	RF
315T4726-11		2	325	1
315T4726-110		1	6D	RF
315T4726-111		1	11E	RF
315T4726-112		1	16D	RF
315T4726-139		1	11D	RF
315T4726-140		1	16C	RF
315T4726-18		2	360	1
315T4726-22		1	16F	RF
315T4726-23		1	2C	RF
315T4726-24		1	6	RF
315T4726-25		1	11C	RF
315T4726-26		1	16	RF
315T4726-27		1	2	RF
315T4726-29		1	11	RF
315T4726-31		1	2B	RF
315T4726-32		1	6B	RF
315T4726-33		1	11B	RF
315T4726-34		1	16B	RF
315T4726-35		1	2A	RF
315T4726-36		1	6A	RF
315T4726-37		1	11A	RF
315T4726-38		1	16A	RF
315T4726-7		2	305	1
315T4726-8		2	355	1
315T4726-9		2	330	1
315T4726-99		1	2D	RF
31783-6		2	320	1
		2	340	4
		2	370	4

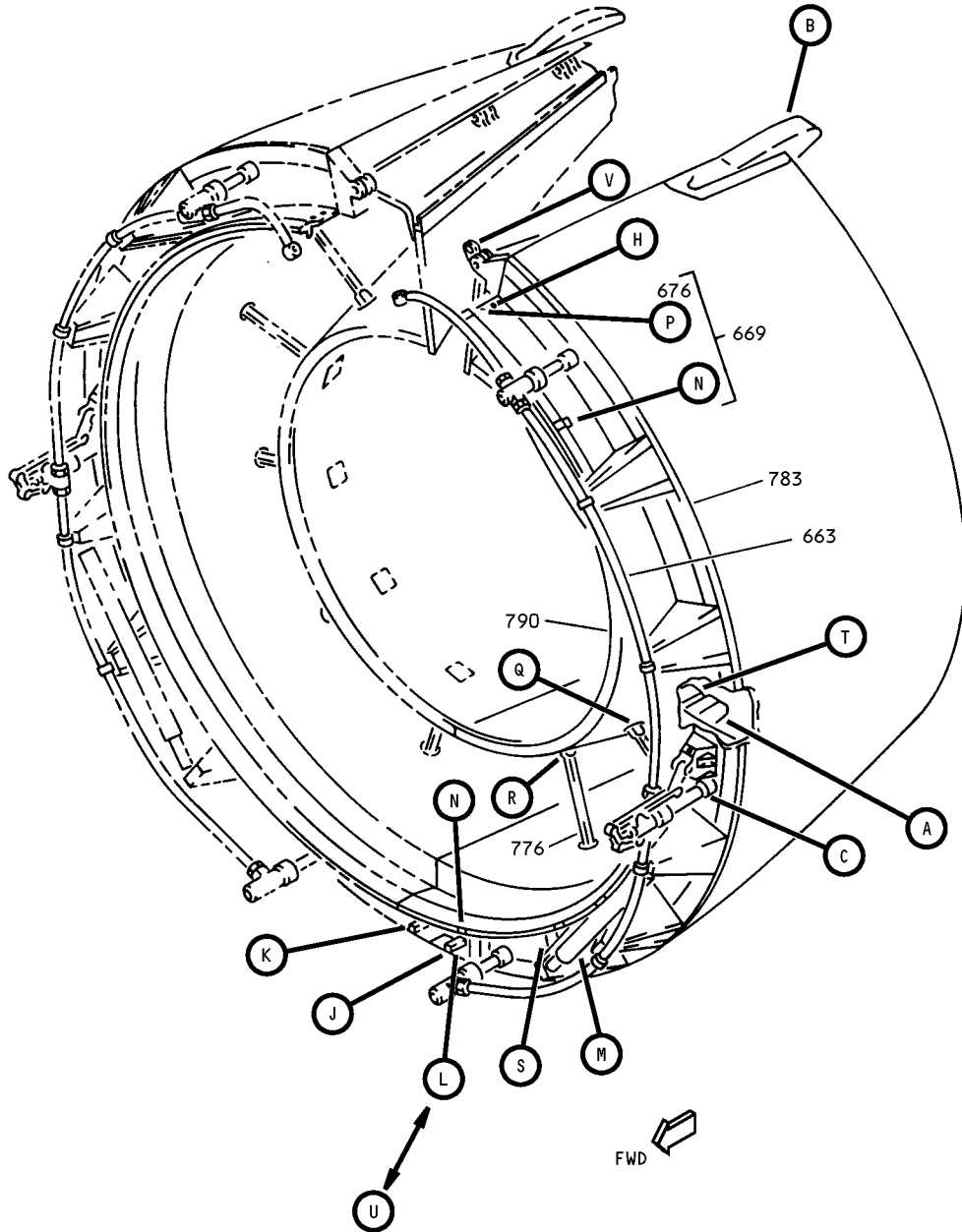
78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1034
 Mar 01/04

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
31875-6H		2	315	1
325167		6	35	1
35056V06		2	315	1
35235V06		2	125	6
		2	310	1
		2	335	4
		2	365	4
4242100-11		2	185A	2
4242200-1		2	180	2
4242300-1		2	235	1
4671097H6		2	315	1
46711150606		2	175	1
4690009-06J		2	220	1
4690009-12J		2	230	1
48-00R14-7P300		1	430	1
65407		1	443	2
		1	444	1
		1	446	1
65408		1	450	1
66014-5		1	683	6
66014-8		1	709	20
		1	743	3
66796-1032		1	305	2
67067-8A11		5	145	1
67068-5A4		1	681	6
8-344-02		1	220C	2
		1	221C	2
8-344-03		1	220C	2
		1	221C	2
8-348-02		1	195B	2
		1	196B	2
96-02		1	265	1
		3	30	44
96854P0181CCN		2	205	1
		2	210	1
97E02		1	756	4
		2	40	16
		2	45	14
		5	210	1

78-31-16

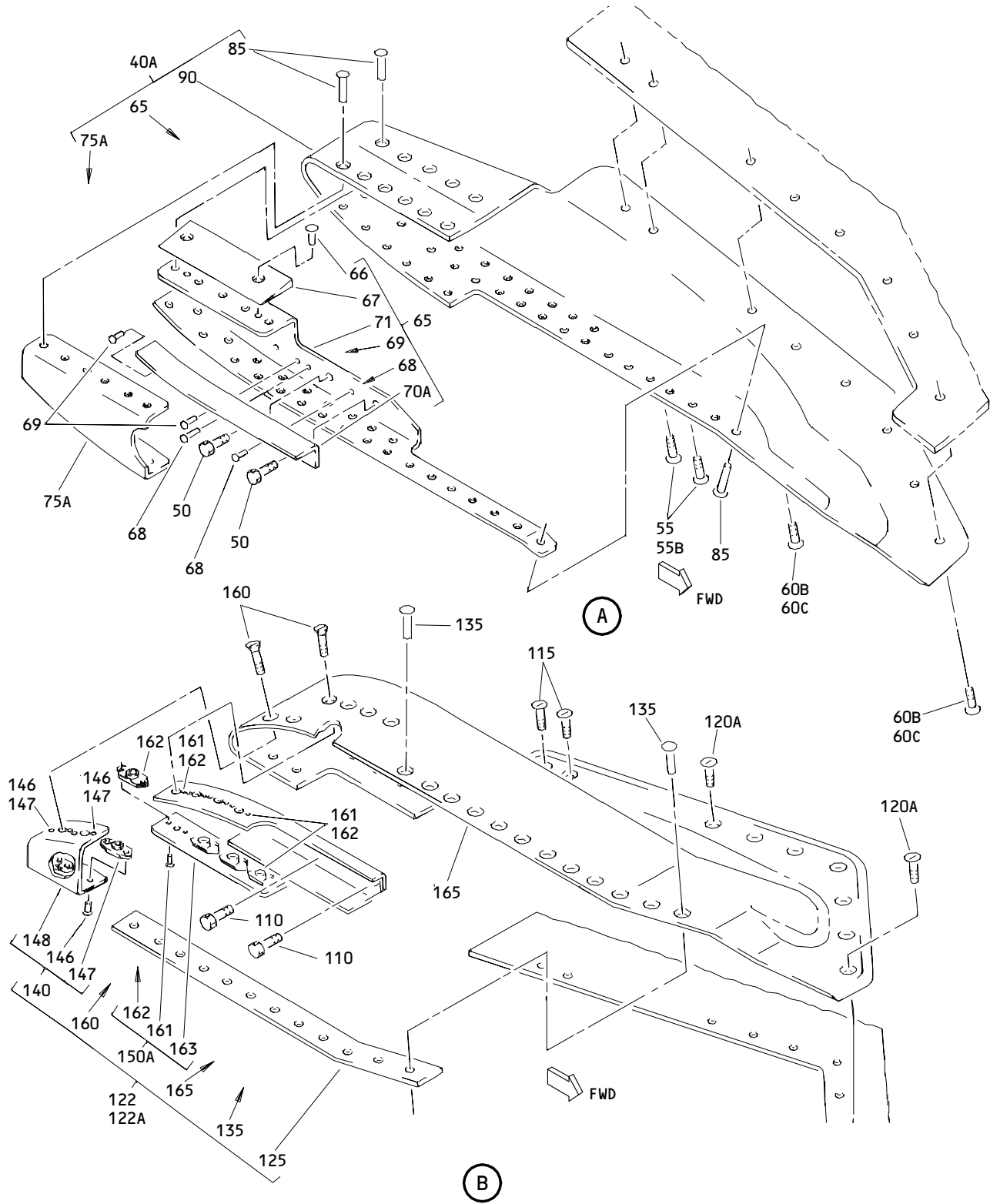
ILLUSTRATED PARTS LIST
 01.1 Page 1035
 Mar 01/04



Fan Duct Cowl and Thrust Reverser Assembly
Figure 1 (Sheet 1)

78-31-16

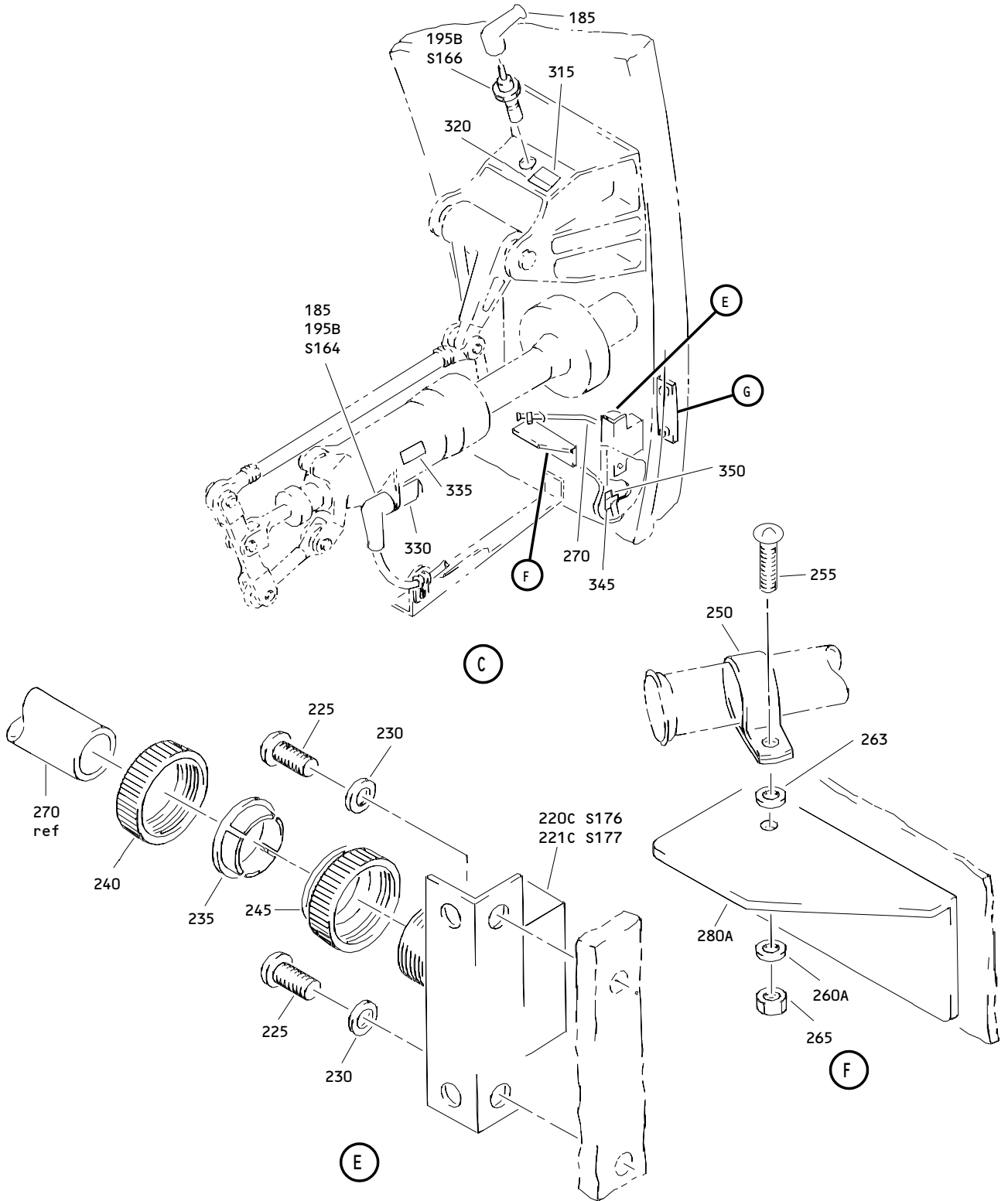
ILLUSTRATED PARTS LIST
01.1 Page 1037
Mar 01/04



Fan Duct Cowl and Thrust Reverser Assembly
 Figure 1 (Sheet 2)

78-31-16

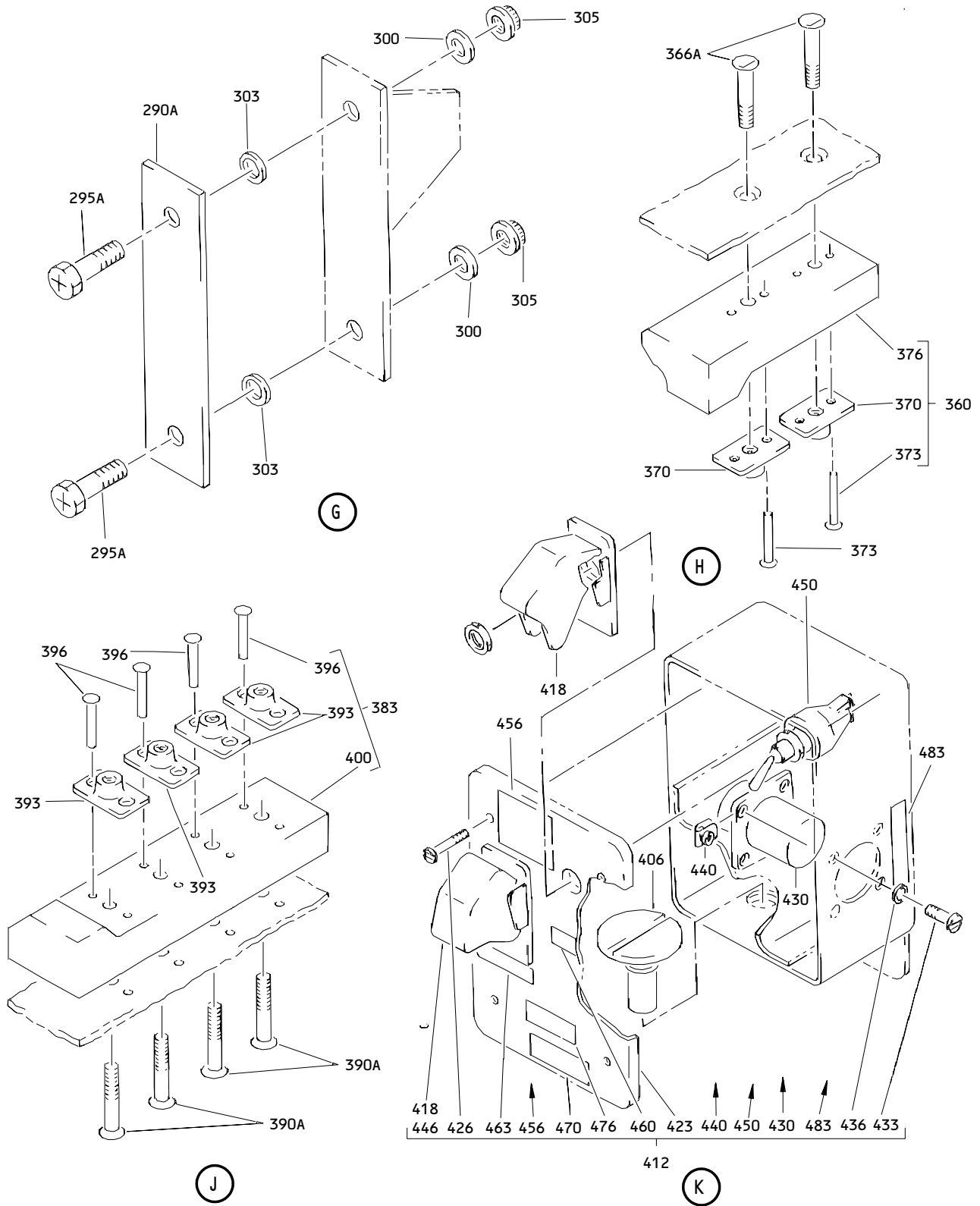
ILLUSTRATED PARTS LIST
 01.1 Page 1038
 Mar 01/04



Fan Duct Cowl and Thrust Reverser Assembly
 Figure 1 (Sheet 3)

78-31-16

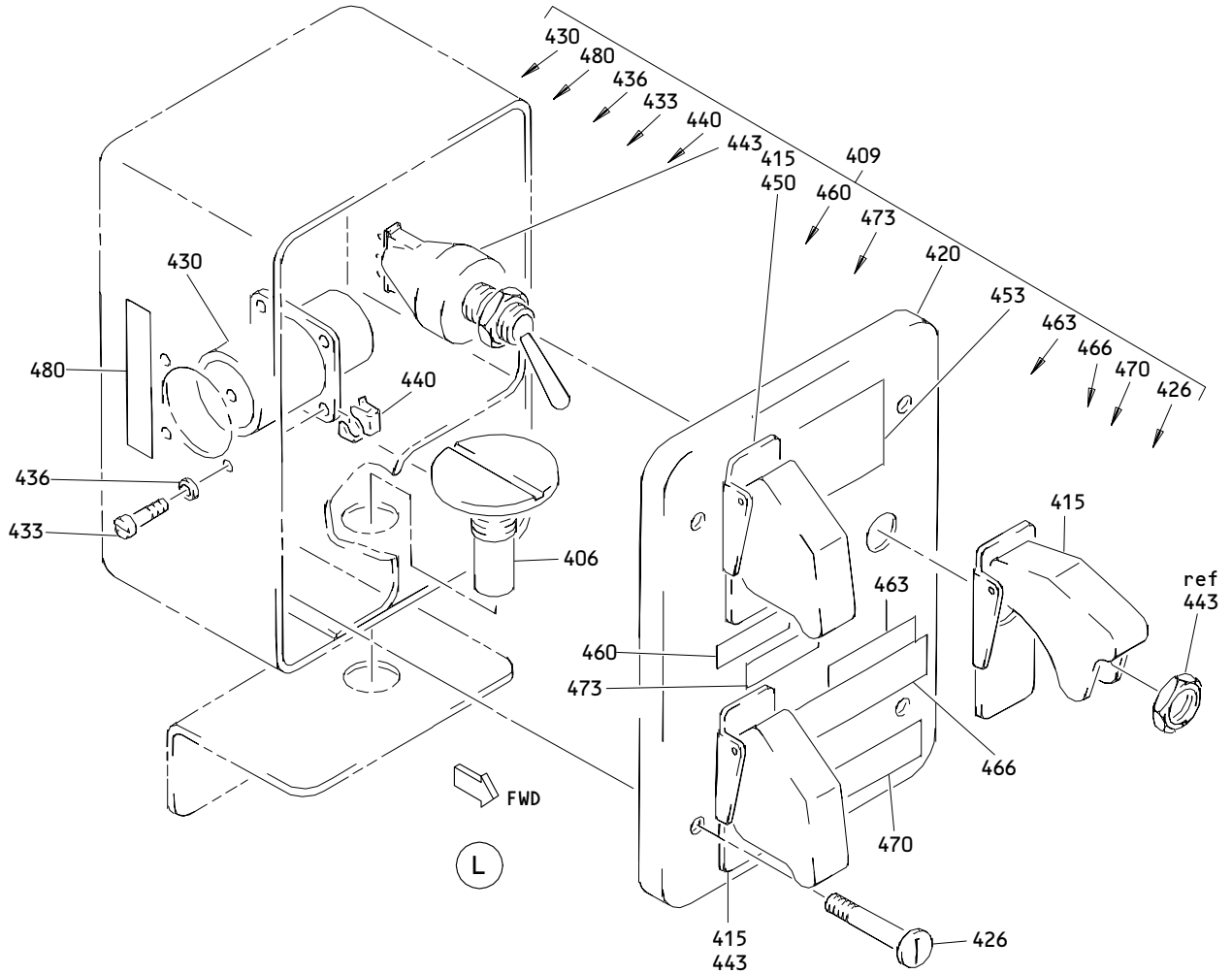
ILLUSTRATED PARTS LIST
 01.1 Page 1039
 Mar 01/04



Fan Duct Cowl and Thrust Reverser Assembly
 Figure 1 (Sheet 4)

78-31-16

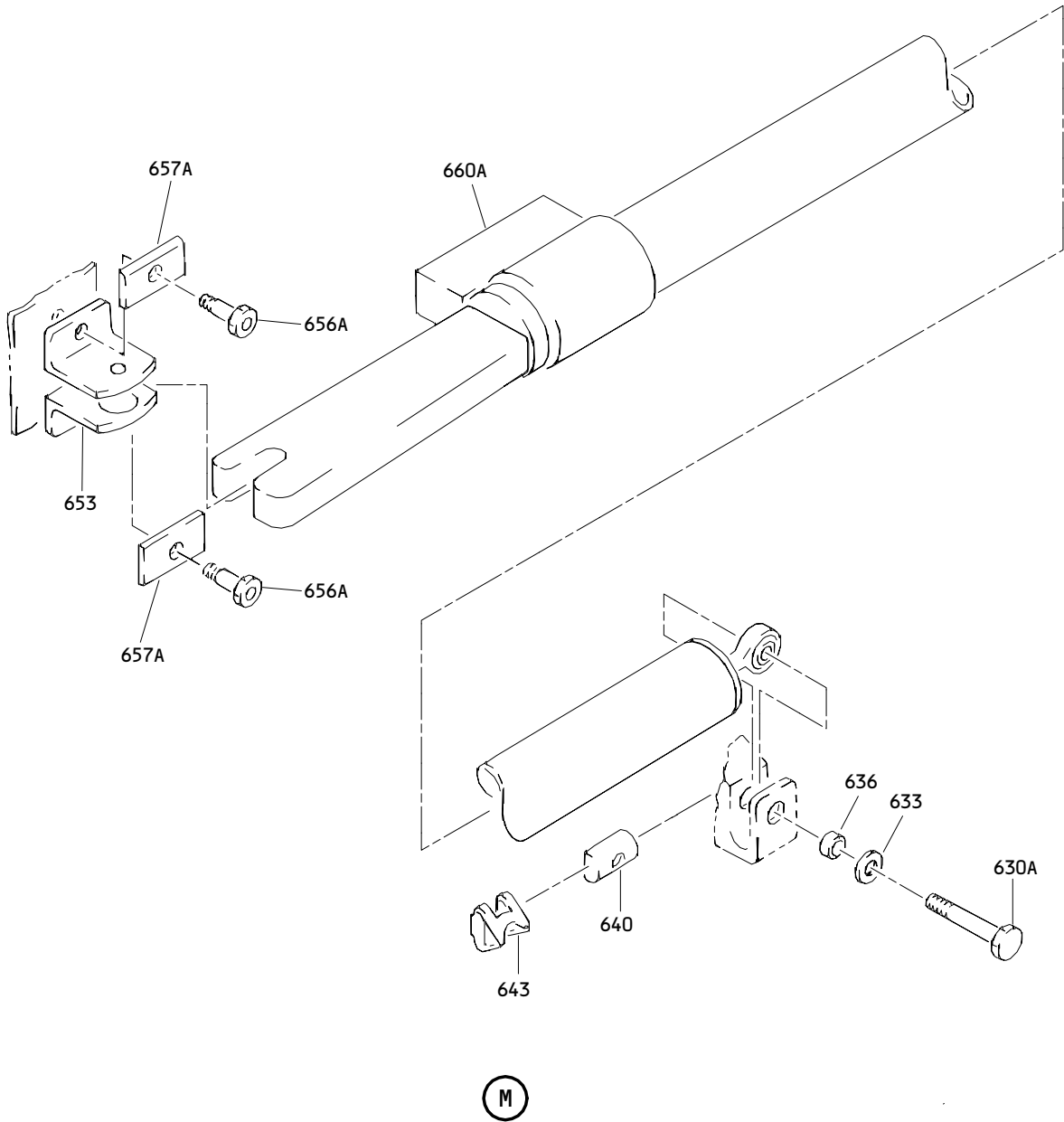
ILLUSTRATED PARTS LIST
 01.1 Page 1040
 Mar 01/04



Fan Duct Cowl and Thrust Reverser Assembly
Figure 1 (Sheet 5)

78-31-16

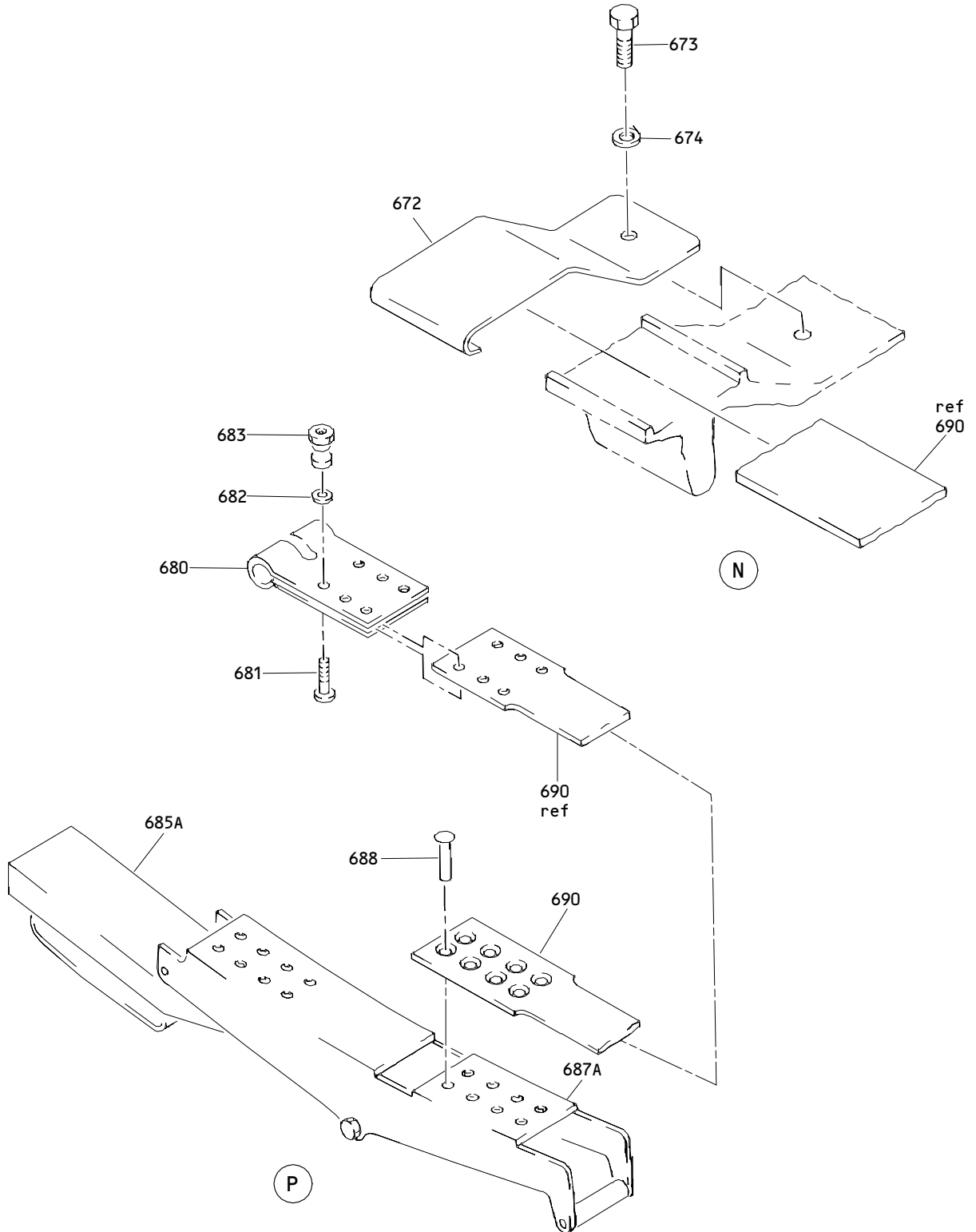
ILLUSTRATED PARTS LIST
01.1 Page 1041
Mar 01/04



Fan Duct Cowl and Thrust Reverser Assembly
 Figure 1 (Sheet 6)

78-31-16

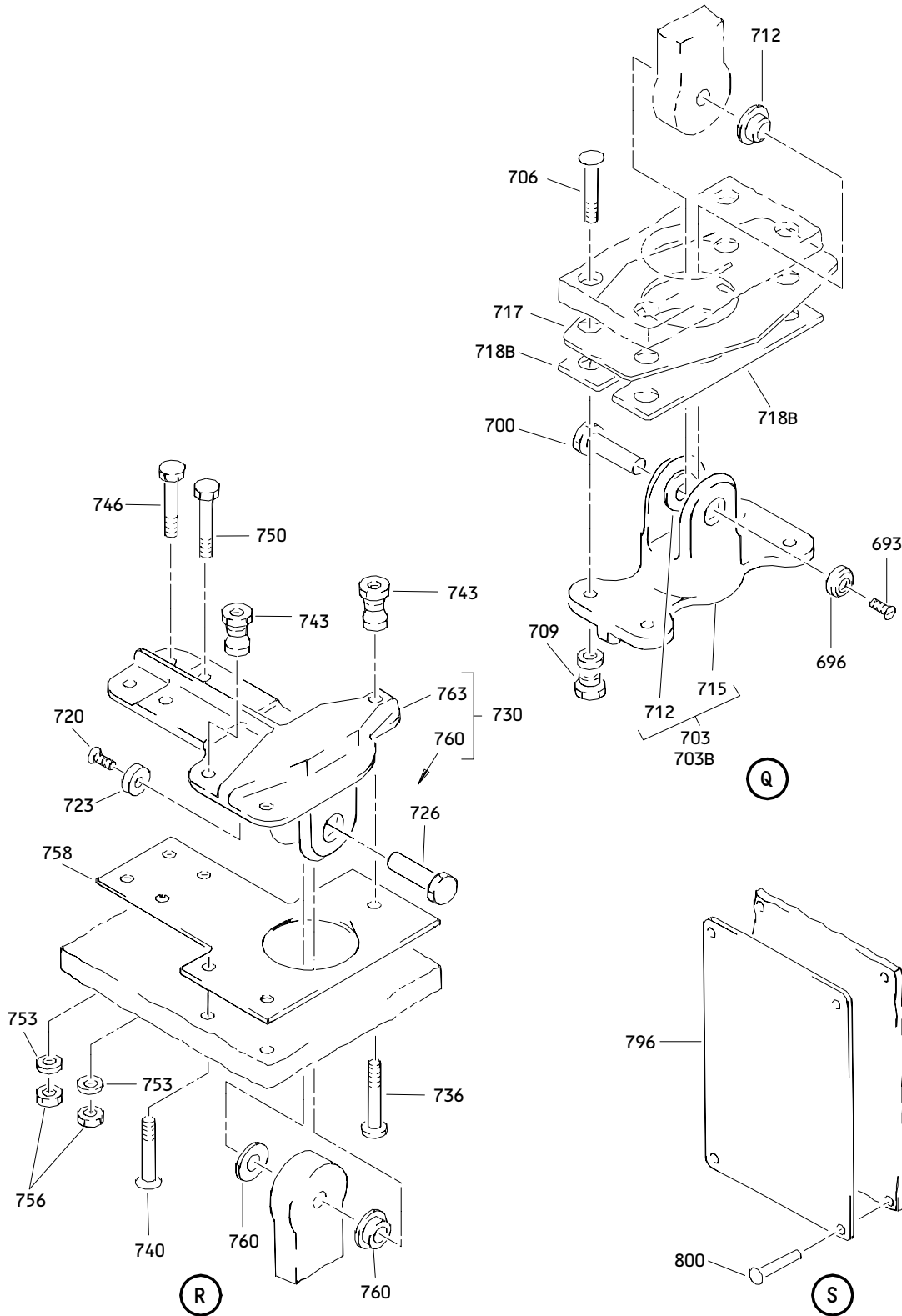
ILLUSTRATED PARTS LIST
 01.1 Page 1042
 Mar 01/04



Fan Duct Cowl and Thrust Reverser Assembly
Figure 1 (Sheet 7)

78-31-16

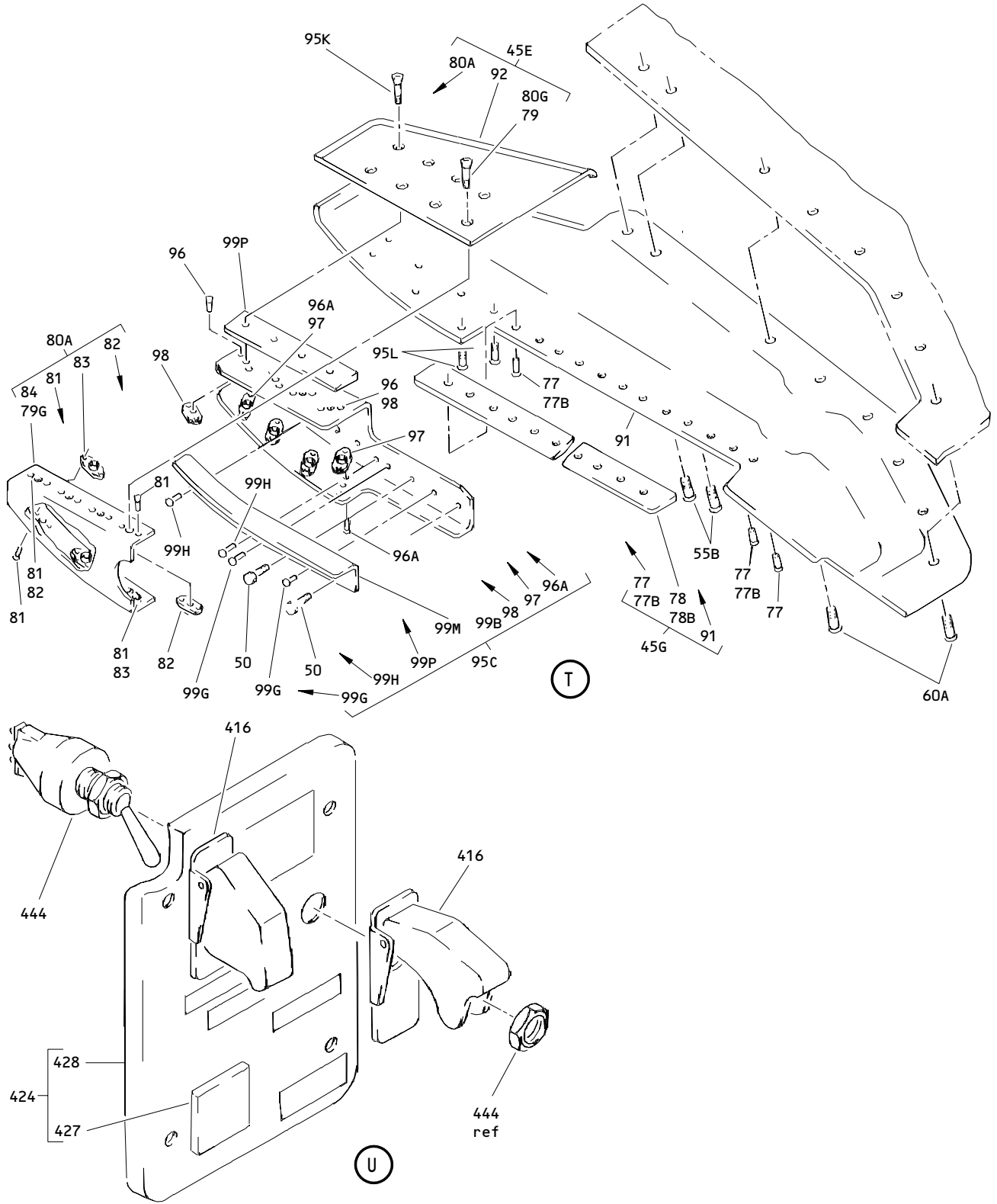
ILLUSTRATED PARTS LIST
01.1 Page 1043
Mar 01/04



Fan Duct Cowl and Thrust Reverser Assembly
 Figure 1 (Sheet 8)

78-31-16

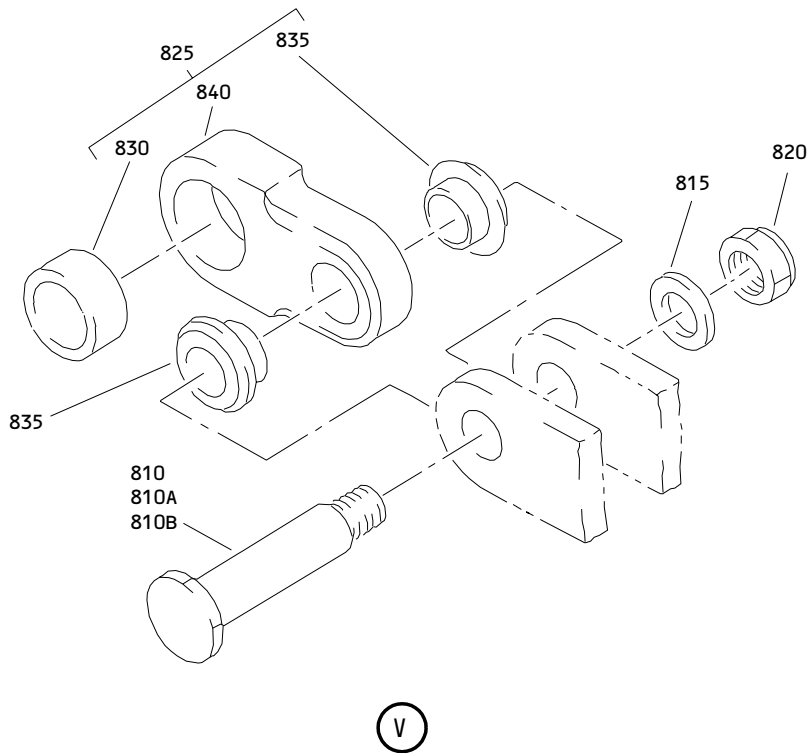
ILLUSTRATED PARTS LIST
 01.1 Page 1044
 Mar 01/04



Fan Duct Cowl and Thrust Reverser Assembly
Figure 1 (Sheet 9)

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1045
Mar 01/04



Fan Duct Cowl and Thrust Reverser Assembly
Figure 1 (Sheet 10)

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1046
Mar 01/04

015T0438
315T3001
315T4726

 **BOEING**
COMPONENT
MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01- -1A	315T3001-7SP		FAN DUCT COWL AND THRUST- REVERSER ASSY-(LH SIDE LH ENG) (PRE SB 767-54A0027) (PRE SB 767-78-0061) (REWORKED PER SB 767-78-0068)	A	RF
R -1B	315T3001-23SP		FAN DUCT COWL AND THRUST- REVERSER ASSY-(LH SIDE LH ENG) (PRE SB 767-54A0027) (PRE SB 767-78-0061) (REWORKED PER SB 767-78-0068)	E	RF
R -1C	315T3001-33SP		FAN DUCT COWL AND THRUST- REVERSER ASSY-(LH SIDE LH ENG) (LIMITED)	J	RF
R -1D	315T3001-27SP		FAN DUCT COWL AND THRUST- REVERSER ASSY-(REWORK) (LH SIDE LH ENG) (LIMITED)	L	RF
-1F	015T0438-55		FAN DUCT COWL AND THRUST- REVERSER ASSY-(LH SIDE LH ENG) (POST SB 767-54A0027) (PRE SB 767-78-0061) (REWORKED PER SB 767-78-0068)	Q	RF
-1G	015T0438-59		FAN DUCT COWL AND THRUST- REVERSER ASSY-(LH SIDE LH ENG) (POST SB 767-54A0027) (PRE SB 767-78-0061) (REWORKED PER SB 767-78-0068)	R	RF
-1H	315T3001-33SP		FAN DUCT COWL AND THRUST- REVERSER ASSY-(LH SIDE LH ENG) (LIMITED) (PRE SB 767-54A0027) (PRE SB 767-78-0061) (REWORKED PER SB 767-78-0068)	S	RF

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1047
Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -1J	015T0438-67		FAN DUCT COWL AND THRUST- REVERSER ASSY-(LH SIDE LH ENG) (LIMITED) (POST SB 767-54A0027) (PRE SB 767-78-0061) (REWORKED PER SB 767-78-0068)	T	RF
-1K	315T3001-27SP		FAN DUCT COWL AND THRUST- REVERSER ASSY-(REWORK) (LH SIDE LH ENG) (LIMITED) (PRE SB 767-54A0027) (PRE SB 767-78-0061) (REWORKED PER SB 767-78-0068)	U	RF
-1L	015T0438-63		FAN DUCT COWL AND THRUST- REVERSER ASSY-(LH SIDE LH ENG) (LIMITED) (POST SB 767-54A0027) (PRE SB 767-78-0061) (REWORKED PER SB 767-78-0068)	V	RF
-2	315T4726-27		FAN DUCT COWL AND THRUST- REVERSER ASSY-(LH SIDE LH ENG) (POST SB 767-78-0061) (REWORKED PER SB 767-78-0068)	AN	RF
-2A	315T4726-35		FAN DUCT COWL AND THRUST- REVERSER ASSY-(LH SIDE LH ENG) (POST SB 767-78-0061) (REWORKED PER SB 767-78-0068)	AS	RF
-2B	315T4726-31		FAN DUCT COWL AND THRUST- REVERSER ASSY-(LH SIDE LH ENG) (POST SB 767-78-0061) (REWORKED PER SB 767-78-0068)	AW	RF

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1048
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -2C	315T4726-23		FAN DUCT COWL AND THRUST- REVERSER ASSY-(LH SIDE LH ENG) (POST SB 767-78-0061) (REWORKED PER SB 767-78-0068)	BA	RF
-2D	315T4726-99		FAN DUCT COWL AND THRUST- REVERSER ASSY-(LH SIDE LH ENG) (POST SB 767-78-0061) (REWORKED PER SB 767-78-0068)	BC	RF
-2E	315T4726-109		FAN DUCT COWL AND THRUST- REVERSER ASSY-(LH SIDE LH ENG) (POST SB 767-78-0061) (REWORKED PER SB 767-78-0068)	BG	RF
-2F	315T4726-101		FAN DUCT COWL AND THRUST- REVERSER ASSY-(LH SIDE LH ENG) (POST SB 767-78-0061) (REWORKED PER SB 767-78-0068)	BL	RF
-2G	315T4726-105		FAN DUCT COWL AND THRUST- REVERSER ASSY-(LH SIDE LH ENG) (POST SB 767-78-0061) (REWORKED PER SB 767-78-0068)	BQ	RF
R -5A	315T3001-8SP		FAN DUCT COWL AND THRUST- REVERSER ASSY-(RH SIDE LH ENG) (LIMITED)	B	RF
R -5B	315T3001-24SP		FAN DUCT COWL AND THRUST- REVERSER ASSY-(RH SIDE LH ENG) (PRE SB 767-54A0027) (PRE SB 767-78-0061) (REWORKED PER SB 767-78-0068)	F	RF
R -5C	315T3001-28SP		FAN DUCT COWL AND THRUST- REVERSER ASSY-(REWORK) (RH SIDE LH ENG) (LIMITED)	M	RF

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1049
Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -5D	315T3001-8SP		FAN DUCT COWL AND THRUST- REVERSER ASSY-(RH SIDE LH ENG) (LIMITED) (PRE SB 767-54A0027) (PRE SB 767-78-0061) (REWORKED PER SB 767-78-0068)	W	RF
-5E	015T0438-56		FAN DUCT COWL AND THRUST- REVERSER ASSY-(RH SIDE LH ENG) (LIMITED) (POST SB 767-54A0027) (PRE SB 767-78-0061) (REWORKED PER SB 767-78-0068)	X	RF
-5F	015T0438-60		FAN DUCT COWL AND THRUST- REVERSER ASSY-(RH SIDE LH ENG) (POST SB 767-54A0027) (PRE SB 767-78-0061) (REWORKED PER SB 767-78-0068)	Y	RF
-5G	315T3001-28SP		FAN DUCT COWL AND THRUST- REVERSER ASSY-(REWORK) (RH SIDE LH ENG) (LIMITED) (PRE SB 767-54A0027) (PRE SB 767-78-0061) (REWORKED PER SB 767-78-0068)	Z	RF
-5H	015T0438-64		FAN DUCT COWL AND THRUST- REVERSER ASSY-(RH SIDE LH ENG) (LIMITED) (POST SB 767-54A0027) (PRE SB 767-78-0061) (REWORKED PER SB 767-78-0068)	AA	RF
-6	315T4726-24		FAN DUCT COWL AND THRUST- REVERSER ASSY-(RH SIDE LH ENG) (POST SB 767-78-0061) (REWORKED PER SB 767-78-0068)	AP	RF

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1050
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -6A	315T4726-36		FAN DUCT COWL AND THRUST- REVERSER ASSY-(RH SIDE LH ENG) (POST SB 767-78-0061) (REWORKED PER SB 767-78-0068)	AT	RF
-6B	315T4726-32		FAN DUCT COWL AND THRUST- REVERSER ASSY-(RH SIDE LH ENG) (POST SB 767-78-0061) (REWORKED PER SB 767-78-0068)	AX	RF
-6C	315T4726-100		FAN DUCT COWL AND THRUST- REVERSER ASSY-(RH SIDE LH ENG) (POST SB 767-78-0061) (REWORKED PER SB 767-78-0068)	BD	RF
-6D	315T4726-110		FAN DUCT COWL AND THRUST- REVERSER ASSY-(RH SIDE LH ENG) (POST SB 767-78-0061) (REWORKED PER SB 767-78-0068)	BH	RF
-6E	315T4726-102		FAN DUCT COWL AND THRUST- REVERSER ASSY-(RH SIDE LH ENG) (POST SB 767-78-0061) (REWORKED PER SB 767-78-0068)	BM	RF
R -10A	315T3001-9SP		FAN DUCT COWL AND THRUST- REVERSER ASSY-(LH SIDE RH ENG) (PRE SB 767-54A0027) (PRE SB 767-78-0061) (REWORKED PER SB 767-78-0068)	C	RF
R -10B	315T3001-25SP		FAN DUCT COWL AND THRUST- REVERSER ASSY-(LH SIDE RH ENG) (PRE SB 767-54A0027) (PRE SB 767-78-0061) (REWORKED PER SB 767-78-0068)	G	RF

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1051
Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-10C	315T3001-35SP		FAN DUCT COWL AND THRUST-REVERSER ASSY-(LH SIDE RH ENG) (LIMITED)	K	RF
R -10D	315T3001-29SP		FAN DUCT COWL AND THRUST-REVERSER ASSY-(REWORK) (LH SIDE RH ENG) (LIMITED)	N	RF
-10E	015T0438-57		FAN DUCT COWL AND THRUST-REVERSER ASSY-(LH SIDE RH ENG) (POST SB 767-54A0027) (PRE SB 767-78-0061) (REWORKED PER SB 767-78-0068)	AB	RF
-10F	015T0438-61		FAN DUCT COWL AND THRUST-REVERSER ASSY-(LH SIDE RH ENG) (POST SB 767-54A0027) (PRE SB 767-78-0061) (REWORKED PER SB 767-78-0068)	AC	RF
-10G	315T3001-35SP		FAN DUCT COWL AND THRUST-REVERSER ASSY-(LH SIDE RH ENG) (LIMITED) (PRE SB 767-54A0027) (PRE SB 767-78-0061) (REWORKED PER SB 767-78-0068)	AD	RF
-10H	015T0438-68		FAN DUCT COWL AND THRUST-REVERSER ASSY-(LH SIDE RH ENG) (LIMITED) (POST SB 767-54A0027) (PRE SB 767-78-0061) (REWORKED PER SB 767-78-0068)	AE	RF
-10J	315T3001-29SP		FAN DUCT COWL AND THRUST-REVERSER ASSY-(REWORK) (LH SIDE RH ENG) (LIMITED) (PRE SB 767-54A0027) (PRE SB 767-78-0061) (REWORKED PER SB 767-78-0068)	AF	RF

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1052
 Mar 01/04

015T0438
315T3001
315T4726

 **BOEING**
COMPONENT
MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -10K	015T0438-65		FAN DUCT COWL AND THRUST- REVERSER ASSY-(LH SIDE RH ENG) (LIMITED) (POST SB 767-54A0027) (PRE SB 767-78-0061) (REWORKED PER SB 767-78-0068)	AG	RF
-11	315T4726-29		FAN DUCT COWL AND THRUST- REVERSER ASSY-(LH SIDE RH ENG) (POST SB 767-78-0061) (REWORKED PER SB 767-78-0068)	AQ	RF
-11A	315T4726-37		FAN DUCT COWL AND THRUST- REVERSER ASSY-(LH SIDE RH ENG) (POST SB 767-78-0061) (REWORKED PER SB 767-78-0068)	AU	RF
-11B	315T4726-33		FAN DUCT COWL AND THRUST- REVERSER ASSY-(LH SIDE RH ENG) (POST SB 767-78-0061) (REWORKED PER SB 767-78-0068)	AY	RF
-11C	315T4726-25		FAN DUCT COWL AND THRUST- REVERSER ASSY-(LH SIDE RH ENG) (POST SB 767-78-0061) (REWORKED PER SB 767-78-0068)	BB	RF

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1053
Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -11D	315T4726-139		FAN DUCT COWL AND THRUST- REVERSER ASSY-(LH SIDE RH ENG) (POST SB 767-78-0061) (REWORKED PER SB 767-78-0068)	BE	RF
-11E	315T4726-111		FAN DUCT COWL AND THRUST- REVERSER ASSY-(LH SIDE RH ENG) (POST SB 767-78-0061) (REWORKED PER SB 767-78-0068)	BJ	RF
-11F	315T4726-103		FAN DUCT COWL AND THRUST- REVERSER ASSY-(LH SIDE RH ENG) (POST SB 767-78-0061) (REWORKED PER SB 767-78-0068)	BN	RF
-11G	315T4726-107		FAN DUCT COWL AND THRUST- REVERSER ASSY-(LH SIDE RH ENG) (POST SB 767-78-0061) (REWORKED PER SB 767-78-0068)	BR	RF
R -15A	315T3001-10SP		FAN DUCT COWL AND THRUST- REVERSER ASSY-(RH SIDE RH ENG) (LIMITED)	D	RF
R -15B	315T3001-26SP		FAN DUCT COWL AND THRUST- REVERSER ASSY-(RH SIDE RH ENG) (PRE SB 767-54A0027) (PRE SB 767-78-0061) (REWORKED PER SB 767-78-0068)	H	RF

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1054
 Mar 01/04

015T0438
 315T3001
 315T4726

 **BOEING**
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-15C	315T3001-30SP		FAN DUCT COWL AND THRUST-REVERSER ASSY-(REWORK) (RH SIDE RH ENG) (LIMITED)	P	RF
R -15E	315T3001-64SP		FAN DUCT COWL AND THRUST-REVERSER ASSY-(REWORK) (RH SIDE RH ENG) (PRE SB 767-78-0061)	BS	RF
-15F	315T3001-10SP		FAN DUCT COWL AND THRUST-REVERSER ASSY-(RH SIDE RH ENG) (LIMITED) (PRE SB 767-54A0027) (PRE SB 767-78-0061) (REWORKED PER SB 767-78-0068)	AH	RF
-15G	015T0438-58		FAN DUCT COWL AND THRUST-REVERSER ASSY-(RH SIDE RH ENG) (LIMITED) (POST SB 767-54A0027) (PRE SB 767-78-0061) (REWORKED PER SB 767-78-0068)	AJ	RF
-15H	015T0438-62		FAN DUCT COWL AND THRUST-REVERSER ASSY-(RH SIDE RH ENG) (POST SB 767-54A0027) (PRE SB 767-78-0061) (REWORKED PER SB 767-78-0068)	AK	RF

78-31-16

ILLUSTRATED PARTS LIST
 01.1 Page 1055
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -15J	315T3001-30SP		FAN DUCT COWL AND THRUST- REVERSER ASSY--(REWORK) (RH SIDE RH ENG) (LIMITED) (PRE SB 767-54A0027) (PRE SB 767-78-0061) (REWORKED PER SB 767-78-0068)	AL	RF
-15K	015T0438-66		FAN DUCT COWL AND THRUST- REVERSER ASSY--(RH SIDE RH ENG) (LIMITED) (POST SB 767-54A0027) (PRE SB 767-78-0061) (REWORKED PER SB 767-78-0068)	AM	RF
-16	315T4726-26		FAN DUCT COWL AND THRUST- REVERSER ASSY--(RH SIDE RH ENG) (POST SB 767-78-0061) (REWORKED PER SB 767-78-0068)	AR	RF
-16A	315T4726-38		FAN DUCT COWL AND THRUST- REVERSER ASSY--(RH SIDE RH ENG) (POST SB 767-78-0061) (REWORKED PER SB 767-78-0068)	AV	RF
-16B	315T4726-34		FAN DUCT COWL AND THRUST- REVERSER ASSY--(RH SIDE RH ENG) (POST SB 767-78-0061) (REWORKED PER SB 767-78-0068)	AZ	RF

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1056
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -16C	315T4726-140		FAN DUCT COWL AND THRUST- REVERSER ASSY-(RH SIDE RH ENG) (POST SB 767-78-0061) (REWORKED PER SB 767-78-0068)	BF	RF
-16D	315T4726-112		FAN DUCT COWL AND THRUST- REVERSER ASSY-(RH SIDE RH ENG) (POST SB 767-78-0061) (REWORKED PER SB 767-78-0068)	BK	RF
-16E	315T4726-104		FAN DUCT COWL AND THRUST- REVERSER ASSY-(RH SIDE RH ENG) (POST SB 767-78-0061) (REWORKED PER SB 767-78-0068)	BP	RF
R -16F	315T4726-22		FAN DUCT COWL AND THRUST- REVERSER ASSY-(RH SIDE RH ENG) (POST SB 767-78-0061)	BT	RF
R -20B	315T3001-5015		.FAN DUCT COWL AND THRUST- REVERSER ASSY-(REWORK) (LIMITED)	A,Q,A N,BC	1
R -20C	315T3001-5017		.FAN DUCT COWL AND THRUST- REVERSER ASSY-(REWORK) (LIMITED)	A,Q,A N,BC	1
R -20D	315T3001-5021		.FAN DUCT COWL AND THRUST- REVERSER ASSY (LIMITED)	A,Q,A N,BC	1
R -20E	315T3001-5025		.FAN DUCT COWL AND THRUST- REVERSER ASSY (LIMITED)	J,S,T ,BA,B Q	1
R -20G	315T3001-5033		.FAN DUCT COWL AND THRUST- REVERSER ASSY- (LIMITED)	A,Q,A N,BC	1
R -20K	315T3001-5045		.FAN DUCT COWL AND THRUST- REVERSER ASSY- (LIMITED)	J,S,T ,BA,B Q	1
R -20L	315T3001-5057		.FAN DUCT COWL AND THRUST- REVERSER ASSY-	E,R,A S,BG	1
R -20M	315T3001-5061		.FAN DUCT COWL AND THRUST- REVERSER ASSY- (LIMITED)	J,S,T ,BA,B Q	1

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1057
Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-20N	315T3001-5065		.FAN DUCT COWL AND THRUST-REVERSER ASSY-(LIMITED)	J,S,T ,BA,B Q	1
R -20P	315T3001-5073		.FAN DUCT COWL AND THRUST-REVERSER ASSY-(LIMITED)	J,S,T ,BA,B Q	1
R -23A	315T3001-5055		.FAN DUCT COWL AND THRUST-REVERSER ASSY-(REWORK)	L,N,U ,V,AF ,AG,A W,AY, BL,BN	1
R -25	315T3001-5006		.FAN DUCT COWL AND THRUST-REVERSER ASSY-(LIMITED)	B,W,X ,AP,B D	1
R -25A	315T3001-5010		.FAN DUCT COWL AND THRUST-REVERSER ASSY-(LIMITED)	B,W,X ,AP,B D	1
R -25B	315T3001-5014		.FAN DUCT COWL AND THRUST-REVERSER ASSY-(LIMITED)	B,W,X ,AP,B D	1
R -25D	315T3001-5034		.FAN DUCT COWL AND THRUST-REVERSER ASSY-(LIMITED)	B,W,X ,AP,B D	1
R -25G	315T3001-5046		.FAN DUCT COWL AND THRUST-REVERSER ASSY-(LIMITED)	B,W,X ,AP,B D	1
R -25H	315T3001-5058		.FAN DUCT COWL AND THRUST-REVERSER ASSY-(LIMITED)	F,Y,A T,BH	1

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1058
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-28A	315T3001-5056		.FAN DUCT COWL AND THRUST-REVERSER ASSY-(REWORK)	M,P,Z ,AA,A L,AM, AX,AZ ,BM BP,BS ,BT	1
R -30B	315T3001-5013		.FAN DUCT COWL AND THRUST-REVERSER ASSY-(REWORK) (LIMITED)	C,AB, AQ,BE	1
R -30C	315T3001-5019		.FAN DUCT COWL AND THRUST-REVERSER ASSY-(REWORK) (LIMITED)	C,AB, AQ,BE	1
R -30D	315T3001-5023		.FAN DUCT COWL AND THRUST-REVERSER ASSY (LIMITED)	C,AB, AQ,BE	1
R -30E	315T3001-5027		.FAN DUCT COWL AND THRUST-REVERSER ASSY (LIMITED)	K,AD, AE,BB ,BR	1
R -30G	315T3001-5035		.FAN DUCT COWL AND THRUST-REVERSER ASSY- (LIMITED)	C,AB, AQ,BE	1
R -30K	315T3001-5047		.FAN DUCT COWL AND THRUST-REVERSER ASSY- (LIMITED)	K,AD, AE,BB ,BR	1
R -30L	315T3001-5059		.FAN DUCT COWL AND THRUST-REVERSER ASSY-	G,AL, BJ,BP	1
R -30M	315T3001-5063		.FAN DUCT COWL AND THRUST-REVERSER ASSY- (LIMITED)	K,AD, AE,BB ,BR	1
R -30N	315T3001-5067		.FAN DUCT COWL AND THRUST-REVERSER ASSY- (LIMITED)	K,AD, AE,BB ,BR	1

78-31-16

ILLUSTRATED PARTS LIST
 01.1 Page 1059
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-30P	315T3001-5075		.FAN DUCT COWL AND THRUST-REVERSER ASSY (LIMITED)	K,AD,AE,BB,BR	1
R -35	315T3001-5008		.FAN DUCT COWL AND THRUST-REVERSER ASSY- (LIMITED)	D,AH,AJ,AR,BF	1
R -35A	315T3001-5012		.FAN DUCT COWL AND THRUST-REVERSER ASSY- (LIMITED)	D,AH,AJ,AR,BF	1
R -35B	315T3001-5016		.FAN DUCT COWL AND THRUST-REVERSER ASSY- (LIMITED)	D,AH,AJ,AR,BF	1
R -35D	315T3001-5036		.FAN DUCT COWL AND THRUST-REVERSER ASSY- (LIMITED)	D,AH,AJ,AR,BF	1
R -35G	315T3001-5048		.FAN DUCT COWL AND THRUST-REVERSER ASSY- (LIMITED)	D,AH,AJ,AR,BF	1
R -35H	315T3001-5060		.FAN DUCT COWL AND THRUST-REVERSER ASSY-	H,AK,AV,BK	1
R -37A	315T3579-1SP		..FAIRING INSTL-LWR TRACK (USED ON ITEMS 20M, 20N 30M, 30N)	A,C,J,K,Q,S,T,AB,AD,AE,AN,AQ,BN,A-BC,BE,BQ,BR	1

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1060
 Mar 01/04

015T0438
 315T3001
 315T4726

BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
R 01-37B	315T3579-3SP		1234567 ..FAIRING INSTL-LWR TRACK (USED ON ITEMS 20E, 20K, 20P, 30E, 30K, 30P)	E,G, J-L,N ,R-V, AC-AG ,AS,A U AW,AY ,BA,B B,BG, BJ,BL ,BN BQ,BR	1
R -38B	315T3579-4SP		..FAIRING INSTL-LWR TRACK	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R 40A	315T3529-2		...FAIRING ASSY-THRUST (USED ON ITEM 37A)	A,C,J ,K,Q, S,T,A B,AD, AE,AN AQ,BN A-BC, BE,BQ ,BR	1

78-31-16

ILLUSTRATED PARTS LIST
 01.1 Page 1061
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
R 01-45E	315T3529-11		1234567 ...FAIRING ASSY-THRUST (315T3529-21 TOGETHER WITH 315T3529-15 AND 315T3705-65 WHICH COMPRISE SPARES ASSY 315T3579-9 I/W 315T3529-11 TOGETHER WITH 315T3529-5 AND 315T3705-47)	E,G, J-L,N ,R-V, AC-AG ,AS,A U AW,AY ,BA,B B,BG, BJ,BL ,BN BQ,BR	1
R -45F	315T3529-12		...FAIRING ASSY-THRUST (315T3529-22 TOGETHER WITH 315T3529-16 AND 315T3705-66 WHICH COMPRISE SPARES ASSY 315T3579-10 I/W 315T3529-12 TOGETHER WITH 315T3529-6 AND 315T3705-48)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R 45G	315T3529-5		...FAIRING ASSY-THRUST (315T3529-21 TOGETHER WITH 315T3529-15 AND 315T3705-65 WHICH COMPRISE SPARES ASSY 315T3579-9 I/W 315T3529-11 TOGETHER WITH 315T3529-5 AND 315T3705-47)	E,G, J-L,N ,R-V, AC-AG ,AS,A U AW,AY ,BA,B B,BG, BJ,BL ,BN BQ,BR	1

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1062
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-45H	315T3529-6		...FAIRING ASSY-THRUST (315T3529-22 TOGETHER WITH 315T3529-16 AND 315T3705-66 WHICH COMPRISE SPARES ASSY 315T3579-10 I/W 315T3529-12 TOGETHER WITH 315T3529-6 AND 315T3705-48)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R 50	BACB30LJ3-7		ATTACHING PARTS ...BOLT		2
R 55	BACB30LL4-2		...BOLT- (USED ON ITEM 37A)	A,C,J ,K,Q, S,T,A B,AD, AE,AN AQ,BN A-BC, BE,BQ ,BR	2
R 55B	BACB30NN4K2		...BOLT- (USED ON ITEMS 37B, 38B)	B,D-P ,R-AA ,AC-A M,AP, AR-BB BD,BB F-BT	2

78-31-16

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-60B	BACB30LL4-3		...BOLT- (USED ON ITEM 37A)	A,C,J ,K,Q, S,T,A B,AD, AE,AN AQ,BN A-BC, BE,BQ ,BR	6
R 60C	BACB30NN4K3		...BOLT- (USED ON ITEMS 37B, 38B)	B,D-P ,R-AA ,AC-A M,AP, AR-BB BD,BB F-BT	6
R 65	315T3705-7		-----*-----BRACKET ASSY-ATTACH (USED ON ITEM 40A)	A,C,J ,K,Q, S,T,A B,AD, AE,AN AQ,BN A-BC, BE,BQ ,BR	1
R 66	BACR15CE3AD3		.....RIVET	A,C,J ,K,Q, S,T,A B,AD, AE,AN AQ,BN A-BC, BE,BQ ,BR	2
R 67	315T3705-19		.....FILLER	A,C,J ,K,Q, S,T,A B,AD, AE,AN	1

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1064
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
R 68	BACR15CE5AD2		.....RIVET	AQ, BN A-BC, BE, BQ , BR A, C, J , K, Q, S, T, A B, AD, AE, AN AQ, BN A-BC, BE, BQ , BR	2
R 69	BACR15BB5AD		.....RIVET- (SIZE DETERMINE ON INST)	A, C, J , K, Q, S, T, A B, AD, AE, AN AQ, BN A-BC, BE, BQ , BR	4
R 70A	315T3705-17		.....ANGLE	A, C, J , K, Q, S, T, A B, AD, AE, AN AQ, BN A-BC, BE, BQ , BR	1
R 71	315T3705-15		.....BRACKET	A, C, J , K, Q, S, T, A B, AD, AE, AN AQ, BN A-BC, BE, BQ , BR	1

78-31-16

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
R 01-75A	315T3705-26		1234567....CLIP-ATTACH (USED ON ITEM 40A)	A,C,J ,K,Q, S,T,A B,AD, AE,AN AQ,BN A-BC, BE,BQ ,BR	1
R 77	BACR15BA5AD		....RIVET- (USED ON ITEMS 45G, 45H) (SIZE DETERMINE ON INST)	B,D-P ,R-AA ,AC-A M,AP, AR-BB BD,BB F-BT	12
R 78	315T3529-10		....STRIP-RUB (USED ON ITEM 45H)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1066
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-78A	315T3529-9		....STRIP-RUB (USED ON ITEM 45G)	E,G, J-L,N ,R-V, AC-AG ,AS,A U AW,AY ,BA,B B,BG, BJ,BL ,BN BQ,BR	1
R 80A	315T3705-36		....CLIP ASSY- (USED ON ITEM 45F)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R -80B	315T3705-35		....CLIP ASSY- (USED ON ITEM 45E)	E,G, J-L,N ,R-V, AC-AG ,AS,A U AW,AY ,BA,B B,BG, BJ,BL ,BN BQ,BR	1
ATTACHING PARTS					

78-31-16

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-80G	BACB30LL3-3		....BOLT	B,D-P ,R-AA ,AC-A M,AP, AR-BB BD,BB F-BT	4
R 81	BACR15BA3AD3		-----*-----RIVET	B,D-P ,R-AA ,AC-A M,AP, AR-BB BD,BB F-BT	14
R 82	BRF200C3M		.....NUTPLATE- (V52828) (SPEC BACN10JR3CFM) (OPT F5001-3BAC (V15653)) (OPT NS103203SE02 (V80539)) (OPT T8092C1032 (V11815)) (OPT VN152D1-02 (V92215)) (OPT 109F9201-3 (V72962))	B,D-P ,R-AA ,AC-A M,AP, AR-BB BD,BB F-BT	4
R 83	BRF200C4M		.....NUTPLATE- (V52828) (SPEC BACN10JR4CFM) (OPT F5001-4BAC (V15653)) (OPT NS103203SE048 (V80539)) (OPT T8092C428 (V11815)) (OPT VN152D1-048 (V92215)) (OPT 109F9201-4 (V72962))	B,D-P ,R-AA ,AC-A M,AP, AR-BB BD,BB F-BT	3

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1068
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-84	315T3705-34		.....CLIP	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT E,G, J-L,N ,R-V, AC-AG ,AS,A U AW,AY ,BA,B B,BG, BJ,BL ,BN BQ,BR A,C,J ,K,Q, S,T,A B,AD, AE,AN AQ,BN A-BC, BE,BQ ,BR	1
R -84A	315T3705-33		.....CLIP		1
R 85	BACR15BA5AD		.....RIVET- (SIZE DETERMINE ON INST) (USED ON ITEM 40A)		43

78-31-16

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-90	315T3529-4		....BOND ASSY- (USED ON ITEM 40A)	A,C,J ,K,Q, S,T,A B,AD, AE,AN AQ,BN A-BC, BE,BQ ,BR	1
R 91	315T3529-8		....BOND ASSY- (USED ON ITEM 45H)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R -91A	315T3529-7		....BOND ASSY- (USED ON ITEM 45G)	E,G, J-L,N ,R-V, AC-AG ,AS,A U AW,AY ,BA,B B,BG, BJ,BL ,BN BQ,BR	1

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1070
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-92	315T3529-14		....BOND ASSY- (USED ON ITEM 45F)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R -92A	315T3529-13		....BOND ASSY- (USED ON ITEM 45E)	E,G, J-L,N ,R-V, AC-AG ,AS,A U AW,AY ,BA,B B,BG, BJ,BL ,BN BQ,BR	1
R 95C	315T3705-48		...BRACKET ASSY-ATTACH	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1

78-31-16

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-95D	315T3705-47		...BRACKET ASSY-ATTACH (USED ON ITEM 37B)	E,G, J-L,N ,R-V, AC-AG ,AS,A U AW,AY ,BA,B B,BG, BJ,BL ,BN BQ,BR	1
R 95K	BACB30LL3-3		ATTACHING PARTS ...BOLT	B,D-P ,R-AA ,AC-A M,AP, AR-BB BD,BB F-BT	4
R 95L	BACB30NN4C4		...BOLT	B,D-P ,R-AA ,AC-A M,AP, AR-BB BD,BB F-BT	7
R 96A	BACR15BA3AD3		-----*-----RIVET	B,D-P ,R-AA ,AC-A M,AP, AR-BB BD,BB F-BT	16

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1072
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-97	BRF200C4M		....NUTPLATE- (V52828) (SPEC BACN10JR4CFM) (OPT F5001-4BAC (V15653)) (OPT NS103203SE048 (V80539)) (OPT T8092C428 (V11815)) (OPT VN152D1-048 (V92215)) (OPT 109F9201-4 (V72962))	B,D-P ,R-AA ,AC-A M,AP, AR-BB BD,BB F-BT	4
R 98	BRF200C3M		....NUTPLATE- (V52828) (SPEC BACN10JR3CFM) (OPT F5001-3BAC (V15653)) (OPT NS103203SE02 (V80539)) (OPT T8092C1032 (V11815)) (OPT VN152D1-02 (V92215)) (OPT 109F9201-3 (V72962))	B,D-P ,R-AA ,AC-A M,AP, AR-BB BD,BB F-BT	4
R 99B	315T3705-50		....BRACKET- (USED ON ITEM 95C)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1

78-31-16

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-99C	315T3705-49		....BRACKET- (USED ON ITEM 95D)	E,G, J-L,N ,R-V, AC-AG ,AS,A U AW,AY ,BA,B B,BG, BJ,BL ,BN BQ,BR B,D-P ,R-AA ,AC-A M,AP, AR-BB BD,BB F-BT	1
R 99G	BACR15BA5AD2		....RIVET	B,D-P ,R-AA ,AC-A M,AP, AR-BB BD,BB F-BT	2
R 99H	BACR15BB5AD		....RIVET- (SIZE DETERMINE ON INST)	B,D-P ,R-AA ,AC-A M,AP, AR-BB BD,BB F-BT	4
R 99M	315T3705-18		....ANGLE- (USED ON ITEM 095C)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1074
Mar 01/04

015T0438
 315T3001
 315T4726

 **BOEING**
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-99N	315T3705-17		....ANGLE- (USED ON ITEM 95D)	E,G, J-L,N ,R-V, AC-AG ,AS,A U AW,AY ,BA,B B,BG, BJ,BL ,BN BQ,BR	1
R 110	BACB30LJ3-7		..BOLT		2
R 115	BACB30LL4-2		..BOLT		2
R 120A	BACB30LL4-4		..BOLT		7
R 122	315T3579-5SP		..FAIRING INSTL-UPR TRACK (USED ON ITEMS 20E, 20K, 20P, 30E, 30K, 30P) (FOR DETAILS SEE FIG. 4)	E,G, J-L,N ,R-V, AC-AG ,AS,A U AW,AY ,BA,B B,BG, BJ,BL ,BN BQ,BR	1
R 122A	315T3530-1		..FAIRING ASSY-UPR TRACK (USED ON ITEMS 20M, 20N, 30M, 30N)	A,C,J ,K,Q, S,T,A B,AD, AE,AN AQ,BN A-BC, BE,BQ ,BR	1

78-31-16

ILLUSTRATED PARTS LIST
 01.1 Page 1075
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-123	315T3579-6SP		..FAIRING INSTL-UPR TRACK (USED ON ITEMS 25B, 25G, 35B, 35G) (FOR DETAILS SEE FIG. 4)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R -123A	315T3530-2		..FAIRING ASSY-UPR TRACK (USED ON ITEMS 25, 25A, 25D, 35, 35A, 35D)	B,D,W ,X,AH ,AJ,A P,AR, BD,BF	1
R 125	315T3530-5		...STRIP-RUB	A,C,J ,K,Q, S,T,A B,AD, AE,AN AQ,BN A-BC, BE,BQ ,BR	1
R -130	315T3530-6		...STRIP-RUB	B,D,W ,X,AH ,AJ,A P,AR, BD,BF	1
ATTACHING PARTS					

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1076
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-135	BACR15BA5AD		...RIVET- (SIZE DETERMINE ON INST)	A-D, J , K, Q, , S, T, W , X, AB , AD AE, AH , AJ, A N-AR, BA-BF , BQ BRQ	12
R 140	315T3705-3		-----*----- ...CLIP ASSY	A, C, J , K, Q, , S, T, A B, AD, AE, AN AQ, BN A-BC, BE, BQ , BR	1
R -145	315T3705-4		...CLIP ASSY	B, D, W , X, AH , AJ, A P, AR, BD, BF	1
R 146	BACR15CE3AD2		....RIVET	A-D, J , K, Q, , S, T, W , X, AB , AD AE, AH , AJ, A N-AR, BA-BF , BQ BRQ	8

78-31-16

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-147	BRF200C3M		....NUTPLATE- (V52828) (SPEC BACN10JR3CFM) (OPT F5001-3BAC (V15653)) (OPT NS103203SE02 (V80539)) (OPT T8092C1032 (V11815)) (OPT VN152D1-02 (V92215)) (OPT 109F9201-3 (V72962))	A-D,J ,K,Q, S,T,W ,X,AB ,AD AE,AH ,AJ,A N-AR, BA-BF ,BQ BRQ	4
R 148	315T3705-13		....CLIP	A,C,J ,K,Q, S,T,A B,AD, AE,AN AQ,BN A-BC, BE,BQ ,BR	1
R -149	315T3705-14		....CLIP	B,D,W ,X,AH ,AJ,A P,AR, BD,BF	1
R 150A	315T3705-20		...BRACKET ASSY-ATTACH	A,C,J ,K,Q, S,T,A B,AD, AE,AN AQ,BN A-BC, BE,BQ ,BR	1

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1078
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-155A	315T3705-21		...BRACKET ASSY-ATTACH	B,D,W ,X,AP ,BD	1
R 160	BACB30LL3-4		ATTACHING PARTS ...BOLT	A-D,J ,K,Q ,S,T,W ,X,AB ,AD AE,AH ,AJ,A N-AR, BA-BF ,BQ BRQ	12
R 161	BACR15CE3AD2		-----*-----RIVET	A-D,J ,K,Q ,S,T,W ,X,AB ,AD AE,AH ,AJ,A N-AR, BA-BF ,BQ BRQ	16
R 162	BRF200C3M		....NUTPLATE- (V52828) (SPEC BACN10JR3CFM) (OPT F5001-3BAC (V15653)) (OPT NS103203SE02 (V80539)) (OPT T8092C1032 (V11815)) (OPT VN152D1-02 (V92215)) (OPT 109F9201-3 (V72962))	A-D,J ,K,Q ,S,T,W ,X,AB ,AD AE,AH ,AJ,A N-AR, BA-BF ,BQ BRQ	8

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1079
Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-163	315T3705-24		....CLIP	A,C,J ,K,Q, S,T,A B,AD, AE,AN AQ,BN A-BC, BE,BQ ,BR	1
R -164	315T3705-25		....CLIP	B,D,W ,X,AH ,AJ,A P,AR, BD,BF	1
R 165	315T3530-3		...BOND ASSY	A,C,J ,K,Q, S,T,A B,AD, AE,AN AQ,BN A-BC, BE,BQ ,BR	1
R -170	315T3530-4		...BOND ASSY	B,D,W ,X,AH ,AJ,A P,AR, BD,BF	1
R -175	315T3703-3		..INDICATION INSTL-POSITION	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1080
 Mar 01/04

 **BOEING**
COMPONENT
MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
R 01-180	315T3703-4		1234567 ..INDICATION INSTL-POSITION	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R 185	SI2401		...NIPPLE- (V60980) (SPEC BACN18H5) (OPT 1010014 (V95272))		2
R 190 195B	MS21340-05 8-348-02		DELETED ...SENSOR- (V08748) (S164, S166) (SPEC S283T006-8) (PART NUMBERS S283T006-2 /8-344-01, S283T006-3/ 8-348-01, S283T006-5/ 8-345-01, S283T006-7/ 8-344-03, S283T006-8/ 8-348-02, S283T006-10/ 8-345-02/8-345-03, S283T006-22/8-518-01 AND S283T006-28/8-716-01 ARE INTERCHANGEABLE DEPENDING ON THE APPLICATION. SEE NHA'S AND 767 PRR B12900-50, 767-SL-32-20, 767-SL-32-058A, 767-SL-32-087 AND 767-SL-32-076 FOR MORE DETAILS) (FOR SPARES PROCURE S283T006-28)	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	2

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1080A
Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
R 01-196B	8-348-02		1234567 ...SENSOR- (V08748) (S165, S167) (SPEC S283T006-8) (PART NUMBERS S283T006-2 /8-344-01, S283T006-3/ 8-348-01, S283T006-5/ 8-345-01, S283T006-7/ 8-344-03, S283T006-8/ 8-348-02, S283T006-10/ 8-345-02/8-345-03, S283T006-22/8-518-01 AND S283T006-28/8-716-01 ARE INTERCHANGEABLE DEPENDING ON THE APPLICATION. SEE NHA'S AND 767 PRR B12900-50, 767-SL-32-20, 767-SL-32-058A, 767-SL-32-087 AND 767-SL-32-076 FOR MORE DETAILS) (FOR SPARES PROCURE S283T006-28)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	2
220B	8-344-02		DELETED		

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1080B
Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
R 01-220C	8-344-03		1234567 ...SENSOR-PROXIMITY SWITCH (V08748) (S176) (SPEC S283T006-7) (PART NUMBERS S283T006-2 /8-344-01, S283T006-3/ 8-348-01, S283T006-5/ 8-345-01, S283T006-7/ 8-344-03, S283T006-8/ 8-348-02, S283T006-10/ 8-345-02/8-345-03, S283T006-22/8-518-01 AND S283T006-28/8-716-01 ARE INTERCHANGEABLE DEPENDING ON THE APPLICATION. SEE NHA'S AND 767 PRR B12900-50, 767-SL-32-20, 767-SL-32-058A, 767-SL-32-087 AND 767-SL-32-076 FOR MORE DETAILS) (OPT 8-344-02 (V08748)) (FOR SPARES PROCURE 8-345-03 (V08748))	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	2
221B	8-344-02		DELETED		

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-221C	8-344-03		...SENSOR- (V08748) (S177) (SPEC S283T006-7) (PART NUMBERS S283T006-2/8-344-01, S283T006-3/8-348-01, S283T006-5/8-345-01, S283T006-7/8-344-03, S283T006-8/8-348-02, S283T006-10/8-345-02/8-345-03, S283T006-22/8-518-01 AND S283T006-28/8-716-01 ARE INTERCHANGEABLE DEPENDING ON THE APPLICATION. SEE NHA'S AND 767 PRR B12900-50, 767-SL-32-20, 767-SL-32-058A, 767-SL-32-087 AND 767-SL-32-076 FOR MORE DETAILS) (OPT 8-344-02 (V08748)) (FOR SPARES PROCURE 8-345-03 (V08748))	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	2
R 225	BACS12CK3-7		...SCREW		2
R 230	BACW10BP3DP		...WASHER		2
R 235	AN3053-4		...FERRULE		1
R 240	AN3054-4		...NUT		1
R 245	AN3055-12-4		...CONNECTOR		1
R 250	AN742D4		...CLAMP ATTACHING PARTS		1
R 255	NAS603-8P		...SCREW		1
260A	AN960-10L		...WASHER		1
263	AN960-10L		...WASHER		AR

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1080D
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-265	H10-3BAC		...NUT- (V15653) (SPEC BACN10JC3) (OPT NS202101-02 (V80539)) (OPT RMLH9075-3W (V72962)) (OPT T6S1032J (V71087)) (OPT VN303A02 (V92215)) (OPT 96-02 (V80539)) (OPT BRH10A3 (V52828)) -----*		1
R 270	315T3703-5		...CONDUIT	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1
R -275	315T3703-6		...CONDUIT	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
R 01-280A	315T3703-9		1234567 ...ANGLE	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R -285A	315T3703-10		...ANGLE		1
R 290A	315T3723-3		...TARGET ATTACHING PARTS		1
R 295A	NAS1801-3-12		...SCREW		2
R 300	AN960PD10L		...WASHER		2
R 303	AN960PD10		...WASHER- (OPT ITEM 303A)		AR

78-31-16

015T0438
 315T3001
 315T4726

 **BOEING**
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
			1234567		
	01-303A	AN960PD10L	...WASHER- (OPT ITEM 303)		AR
R	305	BACN10GW3	...NUT- (OPT H93-3 (V15653)) (OPT RMLH18-3 (V72962)) (OPT SL7020S332 (V11815)) (OPT VN497A02 (V92215)) (OPT 66796-1032 (V56878)) -----*		2
R	315	BAC27TTR0017	...MARKER-ALUMINUM FOIL- DEPLOY		1
R	320	BAC27TTR0028	...MARKER-ALUMINUM FOIL- S-166	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1

78-31-16

ILLUSTRATED PARTS LIST
 01.1 Page 1080G
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-325	BAC27TTR0029		...MARKER-ALUMINUM FOIL-S-167	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R 330	BAC27TTR0018		...MARKER-ALUMINUM FOIL- ACTR UNLOCK		1
R 335	BAC27TTR0026		...MARKER-ALUMINUM FOIL-S-164	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1080H
Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-340	BAC27TTR0027		...MARKER-ALUMINUM FOIL-S-165	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R 345	BAC27TTR0016		...MARKER-ALUMINUM FOIL-AUTO RESTOW		1
R 350	BAC27TTR0030		...MARKER-ALUMINUM FOIL-S-176	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1
R -355	BAC27TTR0031		...MARKER-ALUMINUM FOIL-S-177	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1

78-31-16

ILLUSTRATED PARTS LIST
 01.1 Page 1080I
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
R 01-360	315T3556-1		1234567 ..BUMPER ASSY-UPR STOP	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1
R -363	315T3556-2		..BUMPER ASSY-UPR STOP	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
ATTACHING PARTS					

78-31-16

ILLUSTRATED PARTS LIST
 01.1 Page 1080J
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-366A	BACB30VF4K12		..BOLT -----*-----		2
R 370	T8124S4S		...NUTPLATE- (V71087) (SPEC BACN10JN4) (OPT MF1000-4BAC (V15653)) (OPT NS103218-048 (V80539)) (OPT RMF9201M4 (V72962)) (OPT VN252A048 (V92215)) (OPT VN252A048 (V92215)) (OPT T8124S4S (V11815)) ATTACHING PARTS		2
R 373	BACR15BA3AD		...RIVET- (SIZE DETERMINE ON INST) -----*-----		4
R 376	315T3556-7		...BUMPER	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1080K
Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
R 01-380	315T3556-8		1234567 ...BUMPER	B,D,F ,H,M, P,W-A A,A C-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R 383	315T3556-11		..BUMPER ASSY-LWR STOP	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1
R -386	315T3556-12		..BUMPER ASSY-LWR STOP	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
ATTACHING PARTS					

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1080L
 Mar 01/04

015T0438
 315T3001
 315T4726

BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-390A	BACB30VF3K12		..BOLT -----*		4
R 393	BRFM20A3		...NUTPLATE- (V52828) (SPEC BACN10JN3) (OPT MF1000-3BAC (V15653)) (OPT NS103218-02 (V80539)) (OPT RMF9201M3 (V72962)) (OPT VN252A02 (V92215)) (OPT MF1000-3BAC (V15653)) (OPT MF53049-3 (V15653)) ATTACHING PARTS		4
R 396	BACR15BA3AD		...RIVET- (SIZE DETERMINE ON INST) -----*		8
R 400	315T3556-13		...BUMPER	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1

78-31-16

ILLUSTRATED PARTS LIST
 01.1 Page 1080M
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-403	315T3556-14		...BUMPER	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R 406	315T1604-1		..PIN-DEACTIVATION (OPT ITEM 406A)		1
R -406A	315T1604-2		..PIN-DEACTIVATION (OPT ITEM 406) (PRE SB 767-78A0089)		1
R -406B	315T1604-6		..PIN-DEACTIVATION (POST SB 767-78A0089)		1
R 409	315T3655-1		..SWITCH INSTL-ACTR (USED ON ITEMS 20E, 20K, 20M, 20N, 30E, 30K, 30M, 30N)	A,C, J-L,N ,Q, S-V,A B,A D-AG AN,AQ ,AW,A Y,B A-BC, BE,BL BN,BQ ,BR	1

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1080N
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
R 01-410	315T3655-5		1234567 ..SWITCH INSTL-ACTR (USED ON ITEMS 20P, 30P)	E,G, J-L,N ,R-V, AC-AG ,AS,A U AW,AY ,BA,B B,BG, BJ,BL ,BN BQ,BR B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT A,C, J-L,N ,Q, S-V,A B,A D-AG AN,AQ ,AW,A Y,B A-BC, BE,BL BN,BQ ,BR	1
R 412	315T3655-2		..SWITCH INSTL-ACTR		1
R 415	MS25224-3		...GUARD- (USED ON ITEM 409)		3

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 10800
Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-416	MS25224-3		...GUARD- (USED ON ITEM 410)	E,G, J-L,N ,R-V, AC-AG ,AS,A U AW,AY ,BA,B B,BG, BJ,BL ,BN BQ,BR B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT A,C, J-L,N ,Q, S-V,A B,A D-AG AN,AQ ,AW,A Y,B A-BC, BE,BL BN,BQ ,BR	2
R 418	MS25224-3		...GUARD	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT A,C, J-L,N ,Q, S-V,A B,A D-AG AN,AQ ,AW,A Y,B A-BC, BE,BL BN,BQ ,BR	2
R 420	315T3656-9		...COVER- (USED ON ITEM 409)	A,C, J-L,N ,Q, S-V,A B,A D-AG AN,AQ ,AW,A Y,B A-BC, BE,BL BN,BQ ,BR	1

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1080P
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-421	315T3656-17		...COVER- (OPT ITEM 424) (USED ON ITEM 410)	E,G, J-L,N ,R-V, AC-AG ,AS,A U AW,AY ,BA,B B,BG, BJ,BL ,BN BQ,BR	1
R 423	315T3656-10		...COVER	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R 424	315T3656-19		...COVER ASSY- (OPT ITEM 421) (USED ON ITEM 410)	E,G, J-L,N ,R-V, AC-AG ,AS,A U AW,AY ,BA,B B,BG, BJ,BL ,BN BQ,BR	1

78-31-16

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
R 426	AN525-10R6		ATTACHING PARTS ...SCREW -----*-----		4
R 427	315T3656-18		....COVER- (USED ON ITEM 424)	E,G, J-L,N ,R-V, AC-AG ,AS,A U AW,AY ,BA,B B,BG, BJ,BL ,BN BQ,BR	1
R 428	315T3656-9		....COVER- (USED ON ITEM 424)	E,G, J-L,N ,R-V, AC-AG ,AS,A U AW,AY ,BA,B B,BG, BJ,BL ,BN BQ,BR	1
R 430	R071914-7P		...CONNECTOR- (V41118) (SPEC BACC45FM14-7P) (OPT C48-00R14-7P102 (V13556)) (OPT ZZYAC1714-7P (V49367)) (OPT 48-00R14-7P300 (V02660)) ATTACHING PARTS		1
R 433	NAS1801-04-5		...SCREW		4
R 436	AN960XC4L		...WASHER		4
R 440	132003		...NUT- (V60119) (SPEC BACN10XP1) (OPT 132003 (V76530)) -----*-----		4

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1080R
Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-443	65407		...SWITCH-TG (V02005) (USED ON ITEM 409)	A,C, J-L,N ,Q, S-V,A B,A D-AG AN,AQ ,AW,A Y,B A-BC, BE,BL BN,BQ ,BR	2
R 444	65407		...SWITCH-TG (V02005) (USED ON ITEM 410)	E,G, J-L,N ,R-V, AC-AG ,AS,A U AW,AY ,BA,B B,BG, BJ,BL ,BN BQ,BR	1
R 446	65407		...SWITCH-TG (V02005)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1

78-31-16

ILLUSTRATED PARTS LIST
 01.1 Page 1080S
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
			1234567		
R 01-450	65408		...SWITCH-TG (V02005)		1
R 453	BAC27TTR0001		...MARKER-ALUMINUM FOIL- LH COWL	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1
R 456	BAC27TTR0002		...MARKER-ALUMINUM FOIL- RH COWL	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1080T
Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-460	BAC27TTR0003		...MARKER-ALUMINUM FOIL-OPEN		1
R 463	BAC27TTR0004		...MARKER-ALUMINUM FOIL-CLOSE		1
R 466	BAC27TTR0005		...MARKER-ALUMINUM FOIL-T/R O/RIDE (USED ON ITEM 409)	A,C, J-L,N ,Q, S-V,A B,A D-AG AN,AQ ,AW,A Y,B A-BC, BE,BL BN,BQ ,BR	1
R 470	BAC27TTR0006		...MARKER-ALUMINUM FOIL-PIN STORAGE		1
R 473	BAC27TTR0008		...MARKER-ALUMINUM FOIL-M580	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-476	BAC27TTR0009		...MARKER-ALUMINUM FOIL-M581	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R 480	BAC27TTR0012		...MARKER-ALUMINUM FOIL-M/WD164	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1
R 483	BAC27TTR0013		...MARKER-ALUMINUM FOIL-M/WD166	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1080V
Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-486	315T3701-1		..INTERLOCK INSTL-THRUST REVERSER FEEDBACK (FOR DETAILS SEE FIG. 5)	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1
R -490	315T3701-2		..INTERLOCK INSTL-THRUST REVERSER FEEDBACK (FOR DETAILS SEE FIG. 5)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R -624	315T3605-1		..ROD INSTL-HOLD OPEN	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1

78-31-16

ILLUSTRATED PARTS LIST
 01.1 Page 1080W
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01- -625	315T3605-2		..ROD INSTL-HOLD OPEN	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
-627	315T3605-7001		...COLLECTOR-COMMON PARTS		1
630A	BACB30LJ5-18		....BOLT		1
R 633	BACB28X7M020		....BUSHING		1
R 636	BACB28AK05-036		....BUSHING		1
R 640	NAS577-5A		....NUT		1
R 643	NAS578-5A		....RETAINER		1
R 653	RC1108		....RECEIVER- (V08844) (SPEC S314T220-3) ATTACHING PARTS		1
R 656A	BACB30LM4-4		....BOLT -----*-----		2
R 657A	315T3605-4		....FILLER-RADIUS (SHEET AL 2040-T3 QQ-A-250/4 F-18.13 1.25 IN. 0.7 IN. 1.20 IN.)		2
-658	315T3605-5001		...COLLECTOR-LIMITED PARTS (LIMITED)		1
-658A	315T3605-5002		...COLLECTOR-LIMITED PARTS (REWORK) (LIMITED)		1
-658B	315T3605-5003		...COLLECTOR-LIMITED PARTS (LIMITED)		1

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1080X
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-660B	A2724-3		....STRUT ASSY-THRUST REVERSER DOOR (V08844) (SPEC S315T366-2) (USED ON ITEM 658)		1
-660D	315T3159-1		....ROD ASSY-HOLD OPEN (REWORK) (USED ON ITEM 658A) (FOR DETAILS SEE FIG. 6)		1
-660J	A6501-3		....STRUT ASSY- (V08844) (SPEC S315T366-9) (USED ON ITEM 658B)		1
R 663	315T3602-1		..ACTUATOR AND TUBING- INSTL- (USED ON ITEMS 20B, 20C, 20D, 20M, 30B, 30C, 30D, 30M) (FOR DETAILS SEE FIG. 2)	A,C,J ,K,Q, S,T,A B,AD, AE,AN AQ,BN A-BC, BE,BQ ,BR	1
R -663A	315T3602-13		..ACTUATOR AND TUBING- INSTL- (USED ON ITEMS 20E, 20G, 20K, 20N, 20P, 30E, 30G, 30K, 30N, 30P) (FOR DETAILS SEE FIG. 2)	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1
R -666	315T3602-2		..ACTUATOR AND TUBING- INSTL- (USED ON ITEMS 25, 25A, 35, 35A) (FOR DETAILS SEE FIG. 2)	B,D,W ,X,AH ,AJ,A P,AR, BD,BF	1

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1080Y
Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
R 01-666A	315T3602-14		1234567 ..ACTUATOR AND TUBING- INSTL- (USED ON ITEMS 25B, 25D, 25G, 35B, 35D, 35G) (FOR DETAILS SEE FIG. 2)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R -669	315T3208-1		..LATCH INSTL-VEE GROOVE	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1
R -671	315T3208-2		..LATCH INSTL-VEE GROOVE	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1080Z
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-671D	315T3208-5001		...LATCH INSTL- (REPLD BY ITEM 671K)	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1
R -671G	315T3208-5002		...LATCH INSTL- (REPLD BY ITEM 671P)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R -671K	315T3208-5003		...LATCH INSTL- (REPLS ITEM 671D)	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1

78-31-16

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-671P	315T3208-5004		...LATCH INSTL- (REPLS ITEM 671G)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R 672	315T3251-1		....RETAINER-BAND	A-AM, BS,BT	11
R -672A	315T3251-2		....BRACKET ASSY-BAND ATTACHING PARTS	AN-BR	11
R 673	NAS6703-3		....BOLT	A-AM, BS,BT	11
R -673A	BACB30NM3K4		....BOLT	AN-BR	11
R 674	AN960C10L		....WASHER	A-AM, BS,BT	11
			-----*-----		
R 676	315T3250-1		....BAND ASSY-LATCH (USED ON ITEM 671D)	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1082
Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-676A	315T3250-5		....BAND ASSY-LATCH (USED ON ITEM 671K)	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R -678	315T3250-2		....BAND ASSY-LATCH (USED ON ITEM 671G)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R -678A	315T3250-6		....BAND ASSY-LATCH (USED ON ITEM 671P)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1082A
Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-680	315T3252-1		.....FITTING- (USED ON ITEMS 676, 678)		1
R -680A	315T3252-2		.....FITTING- (USED ON ITEMS 676A, 678A)		1
R 681	HL441UC5-4		ATTACHING PARTS.....BOLT- (V97928) (SPEC BACB30FN5A4) (OPT HL441UC5-4 (V73197)) (OPT HL441UC5-4 (V92215)) (OPT HL41PY5-4 (V80539)) (OPT HL441N5-4 (V80539)) (OPT HL441UC5-4 (V80539)) (OPT 67068-5A4 (V56878)) (OPT HL441UC5-4 (V08524)) (OPT HL19-5A4 (V06725)) (OPT L839-5A4 (V06725)) (OPT HL441UC5-4 (V56878))		6

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1082B
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-682	AN960-8L		.....WASHER		6
R 683	HL79-5		.....COLLAR- (V5M902) (SPEC BACC30M5) (OPT HL70-5 (V73197)) (OPT HL70-5 (V92215)) (OPT 66014-5 (V56878)) (OPT HL70-5 (V56878)) -----*		6
R 685A	H2626-35		.....RECEIVER- (V83014) (SPEC S315T101-2)	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R 687A	H2865-17		.....RECEIVER- (V83014) (SPEC S315T101-4) (OPT H2865-19 (V83014))		1

78-31-16

ILLUSTRATED PARTS LIST
 01.1 Page 1082C
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
01-687B	H2865-19		.....RECEIVER- (V83014) (SPEC S315T101-4) (OPT H2865-17 (V83014))	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R 688	NAS1200-6		.....RIVET -----*-----		8
R 690	315T3250-3		.....BAND	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1
R -691	315T3250-4		.....BAND	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1082D
 Mar 01/04

015T0438
315T3001
315T4726

 **BOEING**
COMPONENT
MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-693	BACS12BP3AP9		..SCREW		5
R 696	315T3539-3		..WASHER-DRAG LINK		5
R 700	315T3539-1		..PIN-DRAG LINK		5
R 703	315T3102-1		..FITTING ASSY-HINGE (OPT ITEM 703A) (USED ON ITEMS 20B, 20M, 25, 30B, 30M, 35)	A-D, J ,K, Q, S, T, W ,X, AB ,AD AE, AH ,AJ, A N-AR, BA-BF ,BQ BRQ	5
R -703A	315T3102-4		..FITTING ASSY-HINGE (OPT ITEM 703) (USED ON ITEMS 20B, 20M, 25, 30B, 30M, 35)	A-D, J ,K, Q, S, T, W ,X, AB ,AD AE, AH ,AJ, A N-AR, BA-BF ,BQ BRQ	5
R 703B	315T3102-1		..FITTING ASSY-HINGE (USED ON ITEMS 20C, 20D, 20E, 20G, 20K, 20N, 20P, 25A, 25B, 25D, 25G, 30C, 30D, 30E, 30G, 30K, 30N, 30P, 35A, 35B, 35D, 35G)		5

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1082E
Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-706	HL13VAZ8-22		ATTACHING PARTS ..BOLT- (V56878) (SPEC BACB30NY8K22) (OPT HL13VAZ8-22 (V73197)) (OPT HL13VAZ8-22 (V92215)) (OPT HL13VAZ8-22 (V97928)) (OPT L801-8K22 (V06725)) (OPT HL13VAZ8-22 (V08524)) (OPT HL13V22 (V06725)) (OPT HL13VAZ8-22 (V17446))		20
R 709	HL79-8		..COLLAR- (V5M902) (SPEC BACC30M8) (OPT HL79-8 (V73197)) (OPT HL79-8 (V92215)) (OPT 66014-8 (V56878)) (OPT HL79-8 (V56878)) -----*-----		20

78-31-16

ILLUSTRATED PARTS LIST
 01.1 Page 1082F
 Mar 01/04

015T0438
 315T3001
 315T4726

 **BOEING**
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-712	315T3517-1		...BUSHING		2
R 715	315T3102-2		...FITTING- (USED ON ITEMS 703, 703B)		1
R -715A	315T3102-5		...FITTING- (USED ON 703A)	A-D, J ,K,Q, S,T,W ,X,AB ,AD AE,AH ,AJ,A N-AR, BA-BF ,BQ BRQ	1
R 717	BACS40R13D52F		..SHIM		5
R 718B	315T3001-13		..SHIM		10
R 720	BACS12BP3AP9		..SCREW		1
R 723	315T3539-3		..WASHER-DRAG LINK		1
R 726	315T3539-1		..PIN-DRAG LINK		1
R 730	315T3103-1		..FITTING ASSY-LWR HINGE (OPT ITEM 730A) (USED ON ITEMS 20B, 20M, 30B, 30M)	A,C,J ,K,Q, S,T,A B,AD, AE,AN AQ,BN A-BC, BE,BQ ,BR	1

78-31-16

ILLUSTRATED PARTS LIST
 01.1 Page 1082G
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-730A	315T3103-7		..FITTING ASSY-LWR HINGE (OPT ITEM 730) (USED ON ITEMS 20B, 30M, 30B, 30M)	A,C,J ,K,Q, S,T,A B,AD, AE,AN AQ,BN A-BC, BE,BQ ,BR	1
R -730B	315T3103-1		..FITTING ASSY-LWR HINGE (USED ON ITEMS 20C, 30C)	A,C,Q ,AB,A N,AQ, BC,BE	1
R -730C	315T3103-11		..FITTING ASSY-LWR HINGE (USED ON ITEMS 20D, 20E, 20G, 20K, 20N, 20P, 30D, 30E, 30G, 30K, 30N, 30P)	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1
R -733	315T3103-2		..FITTING ASSY-LWR HINGE (OPT ITEM 733A) (USED ON ITEMS 25, 35)	B,D,W ,X,AH ,AJ,A P,AR, BD,BF	1

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1082H
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01- -733A	315T3103-8		..FITTING ASSY-LWR HINGE (OPT ITEM 733) (USED ON ITEMS 25, 35)	B,D,W ,X,AP ,BD	1
R -733B	315T3103-2		..FITTING ASSY-LWR HINGE (USED ON ITEMS 25A, 25B, 25D, 25G, 35A, 35B, 35D, 35G)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R 736	HL1012AZ8-25		ATTACHING PARTS ..BOLT- (VOPTK6) (SPEC BACB30NX8K25) (OPT HL12VAZ8-25 (V73197)) (OPT HL12VAZ8-25 (V92215)) (OPT HL12VAZ8-25 (V97928)) (OPT L802-8K25 (V06725)) (OPT HL12VAZ8-25 (V56878)) (OPT HL1012AZ8-25 (V06725)) (OPT HL1012AZ8-25 (V06950)) (OPT HL1012AZ8-25 (V17446)) (OPT HL1012AZ8-25 (V56878)) (OPT HL1012AZ8-25 (V60516)) (OPT HL1012AZ8-25 (V73197)) (OPT HL1012AZ8-25 (V97928))		1

78-31-16

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-740	HL13VAZ8-20		..BOLT- (V56878) (SPEC BACB30NY8K20) (OPT HL13VAZ8-20 (V73197)) (OPT HL13VAZ8-20 (V92215)) (OPT HL13VAZ8-20 (V97928)) (OPT L801-8K20 (V06725)) (OPT HL13VAZ8-20 (V08524)) (OPT HL13V20 (V06725)) (OPT HL13VAZ8-20 (V17446))		2
R 743	HL79-8		..COLLAR- (V5M902) (SPEC BACC30M8) (OPT HL79-8 (V73197)) (OPT HL79-8 (V92215)) (OPT 66014-8 (V56878)) (OPT HL79-8 (V56878))		3
R 746	NAS6703-19		..BOLT		2
R 750	NAS6703-20		..BOLT		2
R 753	AN960-10		..WASHER		4

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1082J
 Mar 01/04

015T0438
 315T3001
 315T4726

BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
R 01-756	BRH10C3M		1234567 ..NUT- (V52828) (SPEC BACN10JC3CM) (OPT T6C1032JM (V11815)) (OPT 97E02 (V80539)) (OPT 109LH9075-3W (V72962)) (OPT VN303D02 (V92215)) (OPT NS202101SE02 (V80539)) (OPT H01-3BAC (V15653))		4
R 758	315T3001-5		..SHIM- (USED ON ITEMS 20B, 20C, 20M, 30B, 30C, 30M)	A-D, F ,H, J, K, M, P ,Q, S, T W-AB, AD, AE ,AH-A R, AT, AV, AX AZ-BF ,BH, B K, BM, BP-BT	1

78-31-16

ILLUSTRATED PARTS LIST
 01.1 Page 1082K
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
R 01-758A	315T3001-12		1234567 ...SHIM- (USED ON ITEMS 20D, 20E, 20F, 20G, 20K, 20N, 20P, 30D, 30E, 30G, 30K, 30N, 30P)	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1
R 760	315T3517-1		-----*----- ...BUSHING		2
R 763	315T3103-3		...FITTING- (USED ON ITEMS 730, 730B)	A,C,J ,K,Q, S,T,A B,AD, AE,AN AQ,BN A-BC, BE,BQ ,BR	1
R -763A	315T3103-9		...FITTING- (USED ON ITEM 730A)	A,C,J ,K,Q, S,T,A B,AD, AE,AN AQ,BN A-BC, BE,BQ ,BR	1

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1082L
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
R 01-763B	315T3103-12		1234567 ...FITTING- (USED ON ITEM 730C)	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1
R -766	315T3103-4		...FITTING- (USED ON ITEMS 733, 733B)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R -770	315T3103-10		...FITTING- (USED ON ITEM 733A)	B,D,W ,X,AH ,AJ,A P,AR, BD,BF	1

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-776	315T3500-1		..SLEEVE ASSY- (PRE SB 767-78A0089) (REF CMM 78-31-21)	A,C,J ,K,Q, S,T,A B,AD, AE,AN AQ,BN A-BC, BE,BQ ,BR	1
R -776A	315T3500-21		..SLEEVE ASSY- (PRE SB 767-78A0089) (REF CMM 78-31-21)	E,G,R ,AC,A S,AU, BG,BJ	1
R -776C	315T3001-39		..SLEEVE ASSY-(REWORK) (REF CMM 78-31-21)	L,N,U ,V,AF ,AG,A W,AY, BL,BN	1
R -776D	315T4026-17		..SLEEVE ASSY- (POST SB 767-78A0089) (REF CMM 78-31-21)	A,C,J ,K,Q, S,T,A B,AD, AE,AN AQ,BN A-BC, BE,BQ ,BR	1
R -776E	315T4026-19		..SLEEVE ASSY- (POST SB 767-78A0089) (REF CMM 78-31-21)	E,G,R ,AC,A S,AU, BG,BJ	1
R -780	315T3500-2		..SLEEVE ASSY- (PRE SB 767-78A0089) (REF CMM 78-31-21)	B,D,W ,X,AH ,AJ,A P,AR, BD,BF	1
R -780A	315T3500-22		..SLEEVE ASSY- (PRE SB 767-78A0089) (REF CMM 78-31-21)	F,H,Y ,AK,A T,AV, BH,BK	1

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1082N
 Mar 01/04

 **BOEING**
COMPONENT
MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-780C	315T3001-40		..SLEEVE ASSY-(REWORK) (REF CMM 78-31-21)	M,P,Z ,AA,A L,AM, AX,AZ ,BM BP,BS ,BT	1
R -780D	315T4026-18		..SLEEVE ASSY- (POST SB 767-78A0089) (REF CMM 78-31-21)	B,D,W ,X,AH ,AJ,A P,AR, BD,BF	1
R -780E	315T4026-20		..SLEEVE ASSY- (POST SB 767-78A0089) (REF CMM 78-31-21)	F,H,Y ,AK,A T,AV, BH,BK	1
R 783	315T3002-25		..COWL ASSY- (REF CMM 71-11-31) (USED ON ITEMS 20B, 20C)	A,Q,A N,BC	1
R -783A	315T3002-33		..COWL ASSY- (REF CMM 71-11-31) (USED ON ITEMS 20D, 20G)	A,Q,A N,BC	1
R -783C	315T3002-43		..COWL ASSY- (USED ON ITEM 20M) (REF CMM 71-11-31)	J,S,T ,BA,B Q	1
R -783D	315T3002-47		..COWL ASSY- (USED ON ITEM 20E, 20K, 20N, 20P) (REF CMM 71-11-31)	E,J,L ,R-V, AS,AW ,BA,B G,BL BQBL	1
R -786	315T3002-26		..COWL ASSY- (REF CMM 71-11-31)	B,F,M ,W-AA ,AP,A T,AX, BD,BH BM,BH	1
R 790	315T3002-27		..COWL ASSY- (REF CMM 71-11-31) (USED ON ITEMS 30B, 30C)	C,AB, AQ,BE	1
R -790A	315T3002-35		..COWL ASSY- (REF CMM 71-11-31) (USED ON ITEMS 30D, 30G)	C,AB, AQ,BE	1

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 10820
Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01- -790C	315T3002-45		..COWL ASSY- (USED ON ITEM 30M) (REF CMM 71-11-31)	K,AD, AE,BB ,BR	1
R -790D	315T3002-49		..COWL ASSY- (USED ON ITEMS 30E, 30K, 30N, 30P) (REF CMM 71-11-31)	G,K,N ,AC-A G,AU, AY,BB ,BJ BN,BR	1
R -793	315T3002-28		..COWL ASSY- (REF CMM 71-11-31)	D,H,P ,AH-A M,AR, AV,AZ ,BF BK,BP BS,BT	1
R -793C	315T3002-88		..COWL ASSY- (REWORK DWG 315T3001-64) (REF CMM 71-11-32)		1
R 796	MS27253-2		..PLATE ATTACHING PARTS		1
800	BACR15BB3AD		..RIVET- (SIZE DETERMINE ON INST) -----*-----		4
-806	288T3199		INSTALLATION PARTS WIRE BUNDLE INSTL-COWLING AND THRUST REVERSER (FOR DETAILS SEE FIG. 3)		RF
810	315T1010-16		BOLT- (OPT ITEMS 810A, 810B)		2
810A	315T1010-7		BOLT- (OPT ITEMS 810, 810B)		2
810B	315T1010-31		BOLT- (OPT ITEMS 810, 810A)		2
815	315T1010-34		WASHER		2
820	BACN10JC7C		NUT		2
825	315T3013-1		LINK ASSY-FWD HINGE		2
830	P20701		.BEARING-SPHER BALL (V57606) (SPEC S302T001-202B) (OPT VTBO4531 (V06710))		1

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1082P
 Mar 01/04

015T0438
315T3001
315T4726

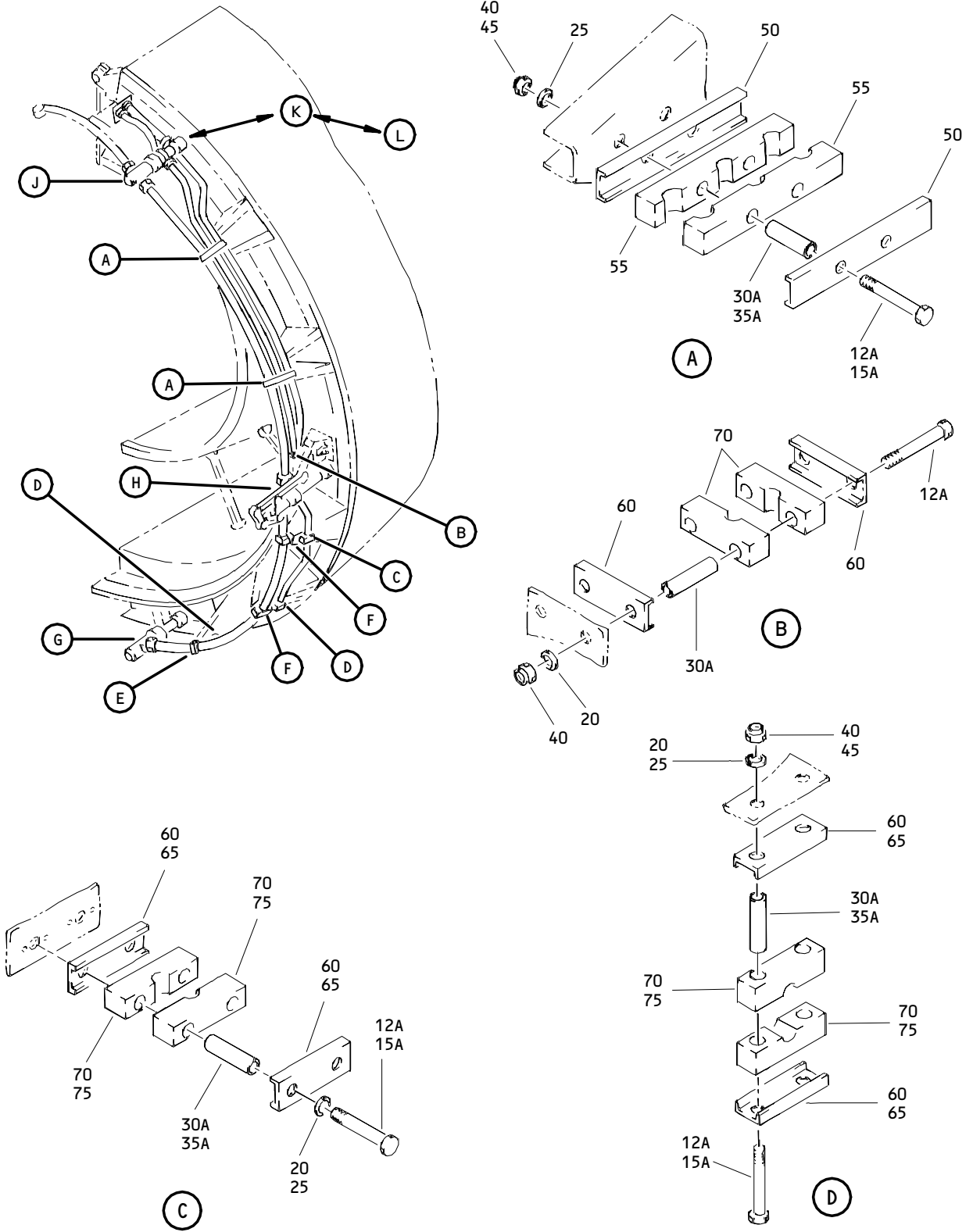
 **BOEING**
COMPONENT
MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- 835 840	315T3315-2 315T3009-1		.BUSHING .LINK		2 1

- Item Not Illustrated

78-31-16

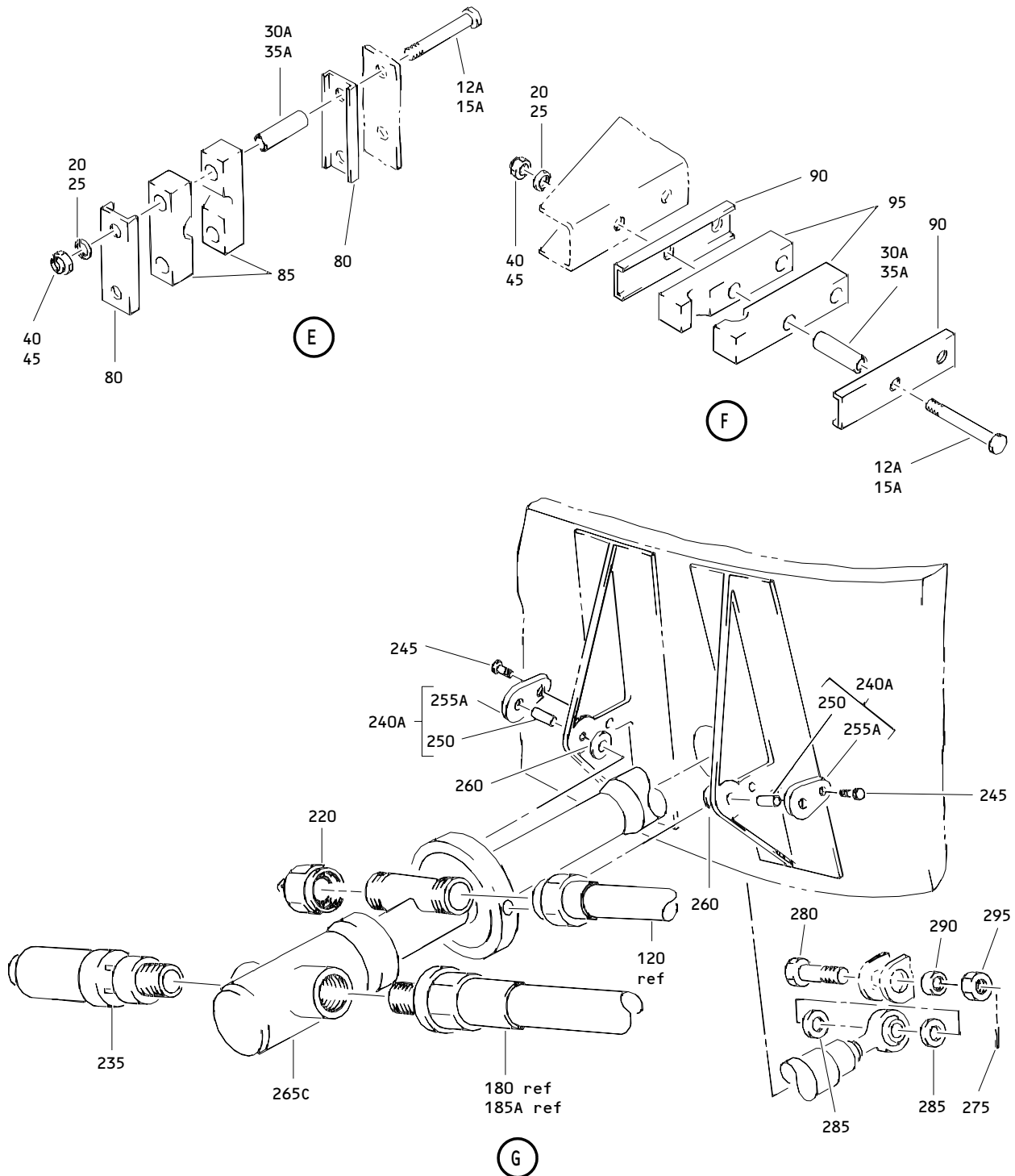
ILLUSTRATED PARTS LIST
01.1 Page 1082Q
Mar 01/04



Thrust Reverser Actuator and Tubing Installation
 Figure 2 (Sheet 1)

78-31-16

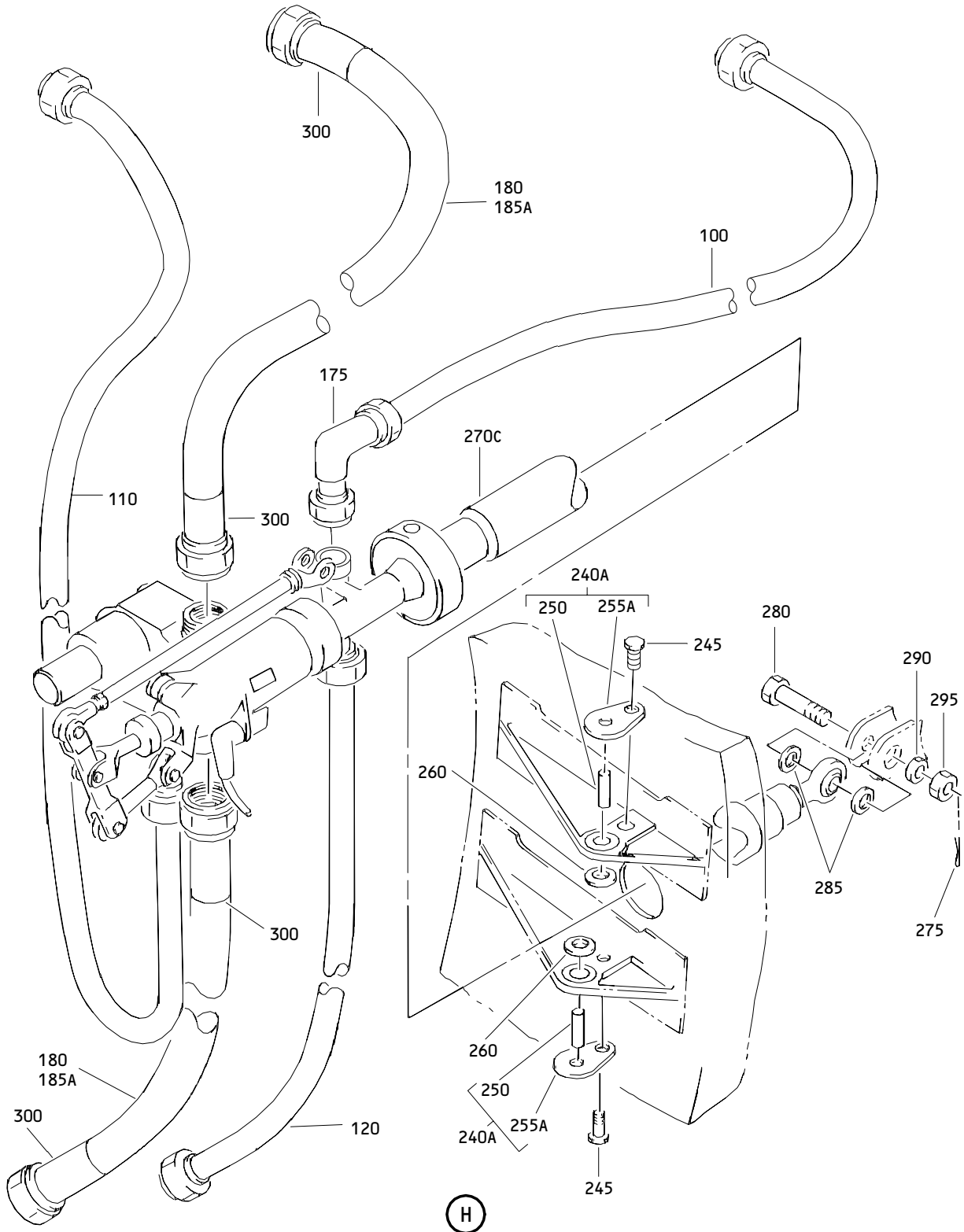
ILLUSTRATED PARTS LIST
 01.1 Page 1082S
 Mar 01/04



Thrust Reverser Actuator and Tubing Installation
 Figure 2 (Sheet 2)

78-31-16

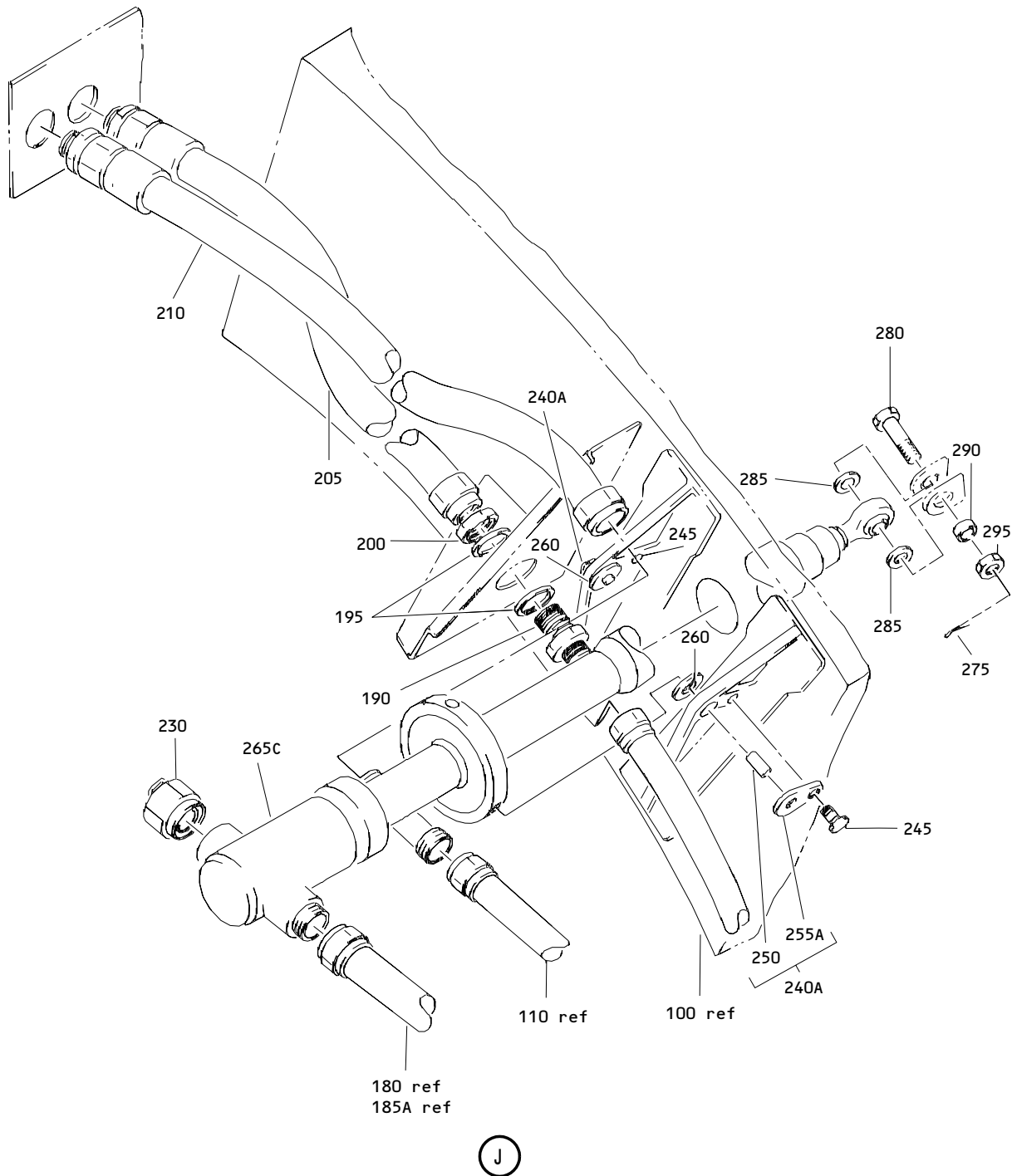
ILLUSTRATED PARTS LIST
 01.1 Page 1082T
 Mar 01/04



Thrust Reverser Actuator and Tubing Installation
Figure 2 (Sheet 3)

78-31-16

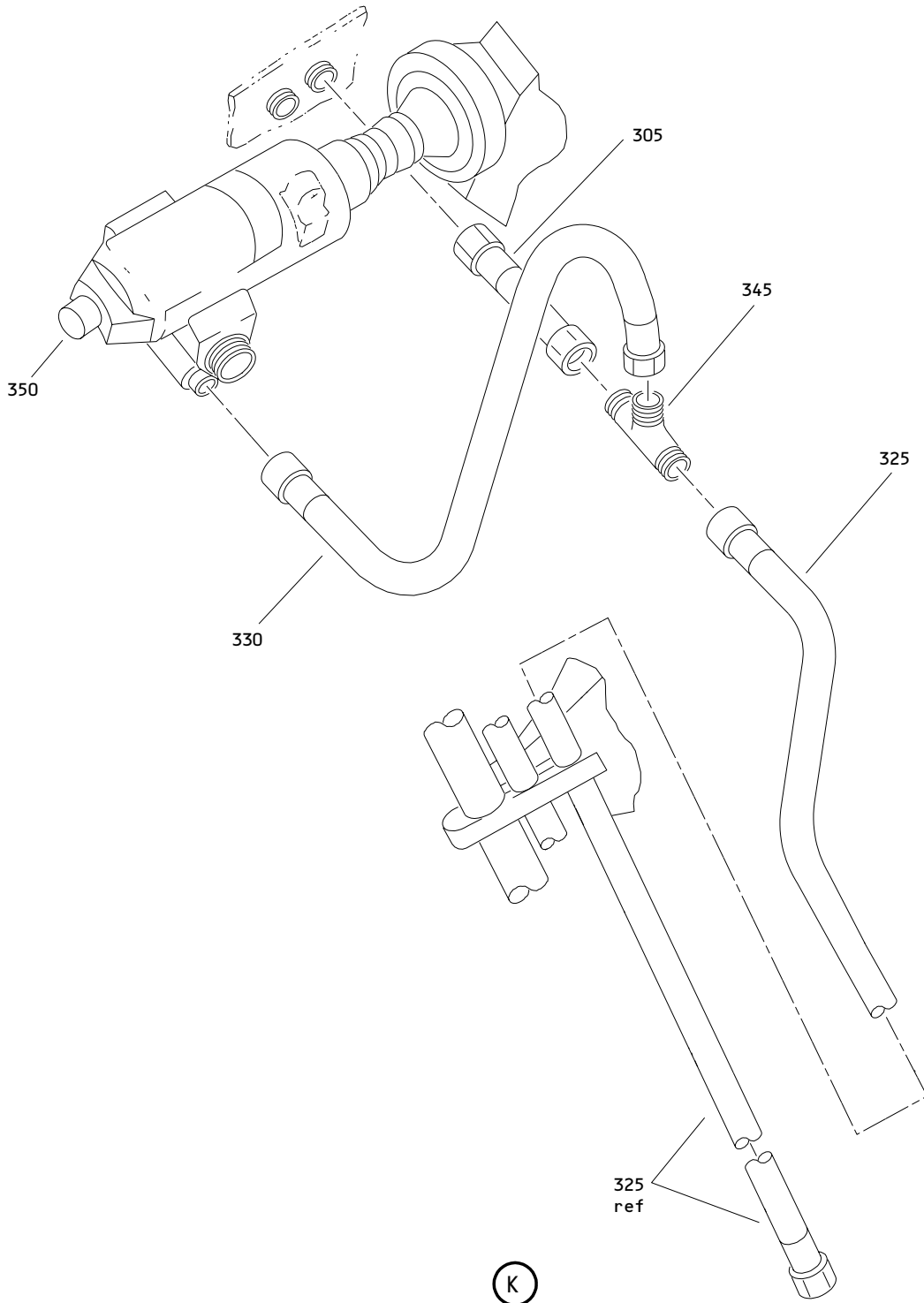
ILLUSTRATED PARTS LIST
01.1 Page 1082U
Mar 01/04



Thrust Reverser Actuator and Tubing Installation
 Figure 2 (Sheet 4)

78-31-16

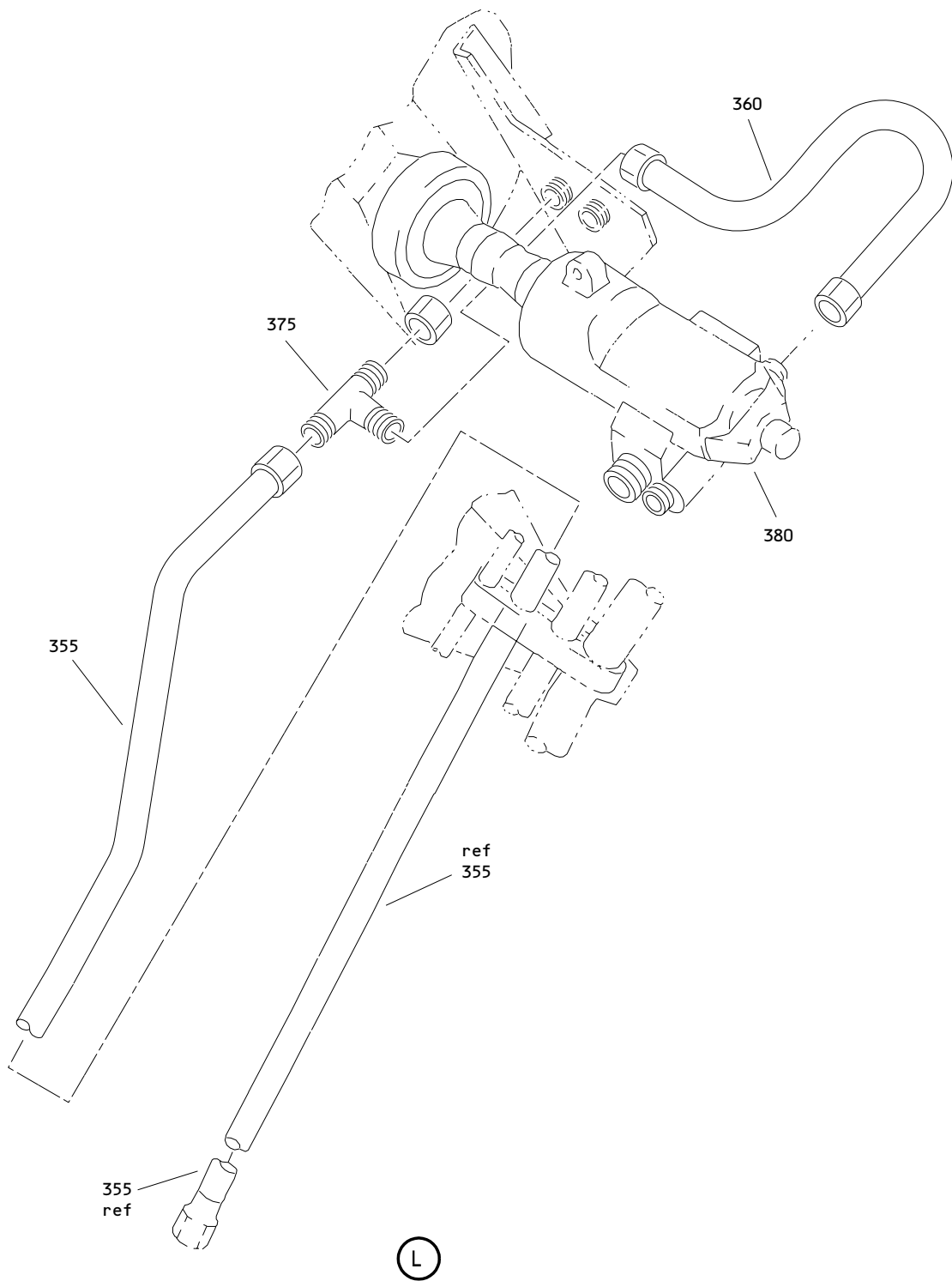
ILLUSTRATED PARTS LIST
 01.1 Page 1082V
 Mar 01/04



Thrust Reverser Actuator and Tubing Installation
Figure 2 (Sheet 5)

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1082W
Mar 01/04



Thrust Reverser Actuator and Tubing Installation
Figure 2 (Sheet 6)

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1082X
Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 02- -1	315T3602-1		ACTUATOR AND TUBING- INSTL-THRUST REVERSER	A,C,J ,K,Q, S,T,A B,AD, AE,AN AQ,BN A-BC, BE,BQ ,BR	RF
R -1A	315T3602-13		ACTUATOR AND TUBING- INSTL-THRUST REVERSER	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	RF
R -5	315T3602-2		ACTUATOR AND TUBING- INSTL-THRUST REVERSER	B,D,W ,X,AH ,AJ,A P,AR, BD,BF	RF
R -5A	315T3602-14		ACTUATOR AND TUBING- INSTL-THRUST REVERSER	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	RF

78-31-16

ILLUSTRATED PARTS LIST
 01.1 Page 1082Y
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 02-7	315T3602-5001		.ACTUATOR AND TUBING INSTL- (LIMITED) (USED ON ITEM 1)	A,C,J ,K,Q, S,T,A B,AD, AE,AN AQ,BN A-BC, BE,BQ ,BR	1
R -7A	315T3602-5003		.ACTUATOR AND TUBING INSTL- (LIMITED) (USED ON ITEM 1)	A,C,J ,K,Q, S,T,A B,AD, AE,AN AQ,BN A-BC, BE,BQ ,BR	1
R -7B	315T3602-5005		.ACTUATOR AND TUBING INSTL- (LIMITED) (USED ON ITEM 1)	A,C,J ,K,Q, S,T,A B,AD, AE,AN AQ,BN A-BC, BE,BQ ,BR	1
R -7C	315T3602-5007		.ACTUATOR AND TUBING INSTL- (REWORK) (LIMITED) (USED ON ITEM 1)	A,C,J ,K,Q, S,T,A B,AD, AE,AN AQ,BN A-BC, BE,BQ ,BR	1

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1082Z
Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 02-8	315T3602-5009		.ACTUATOR AND TUBING INSTL- (LIMITED) (USED ON ITEM 1A)	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1
R -8A	315T3602-5011		.ACTUATOR AND TUBING INSTL- (LIMITED) (USED ON ITEM 1A)	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1
R -8B	315T3602-5013		.ACTUATOR AND TUBING INSTL- (LIMITED) (USED ON ITEM 1A)	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1

78-31-16

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 02- -8C	315T3602-5015		.ACTUATOR AND TUBING INSTL- (LIMITED) (USED ON ITEM 1A)	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1
R -8D	315T3602-5017		.ACTUATOR AND TUBING INSTL- (LIMITED) (USED ON ITEM 1A)	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1
-8E	315T3602-5021		.ACTUATOR AND TUBING INSTL- (LIMITED) (USED ON ITEM 1A)	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1
-8F	315T3602-5029		DELETED		

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1084
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 02-9	315T3602-5002		.ACTUATOR AND TUBING INSTL- (LIMITED) (USED ON ITEM 5)	B,D,W ,X,AH ,AJ,A P,AR, BD,BF	1
R -9A	315T3602-5004		.ACTUATOR AND TUBING INSTL- (LIMITED) (USED ON ITEM 5)	B,D,W ,X,AH ,AJ,A P,AR, BD,BF	1
R -9B	315T3602-5006		.ACTUATOR AND TUBING INSTL- (LIMITED) (USED ON ITEM 5)	B,D,W ,X,AH ,AJ,A P,AR, BD,BF	1
R -9C	315T3602-5008		.ACTUATOR AND TUBING INSTL- (LIMITED) (USED ON ITEM 5)	B,D,W ,X,AH ,AJ,A P,AR, BD,BF	1
R -10	315T3602-5010		.ACTUATOR AND TUBING INSTL- (LIMITED) (USED ON ITEM 5A)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1

78-31-16

ILLUSTRATED PARTS LIST
 01.1 Page 1084A
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 02-10A	315T3602-5012		.ACTUATOR AND TUBING INSTL- (LIMITED) (USED ON ITEM 5A)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R -10B	315T3602-5014		.ACTUATOR AND TUBING INSTL- (LIMITED) (USED ON ITEM 5A)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R -10C	315T3602-5016		.ACTUATOR AND TUBING INSTL- (LIMITED) (USED ON ITEM 5A)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1084B
Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
R 02- -10D	315T3602-5018		1234567 .ACTUATOR AND TUBING INSTL- (LIMITED) (USED ON ITEM 5A)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
-10E	315T3602-5022		.ACTUATOR AND TUBING INSTL- (LIMITED) (USED ON ITEM 5A)	B,D,F ,H,M, P,W-A A,A C-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R -10F 12A	315T3602-5030 BACB30LM3-22		DELETED . .BOLT	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	18

78-31-16

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
R 02-15A	BACB30LM3-22		1234567 ..BOLT	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	16
R 20	AN960PD10		..WASHER	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	18
R 25	AN960PD10		..WASHER	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	16

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1084D
Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 02-30A	NAS43DD3-68		..SPACER	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	18
R 35A	NAS43DD3-68		..SPACER	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	16
R 40	BRH10C3M		..NUT- (V52828) (SPEC BACN10JC3CM) (OPT T6C1032JM (V11815)) (OPT 97E02 (V80539)) (OPT 109LH9075-3W (V72962)) (OPT VN303D02 (V92215)) (OPT NS202101SE02 (V80539)) (OPT H01-3BAC (V15653))	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	16

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1084E
Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 02-45	BRH10C3M		..NUT- (V52828) (SPEC BACN10JC3CM) (OPT T6C1032JM (V11815)) (OPT 97E02 (V80539)) (OPT 109LH9075-3W (V72962)) (OPT VN303D02 (V92215)) (OPT NS202101SE02 (V80539)) (OPT H01-3BAC (V15653))	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	14
R 50	315T3635-8		..CHANNEL		4
R 55	315T3635-7		..FAIRLEAD		4
R -58	BACS40R6F44F		..SHIM		AR 8
R 60	315T3635-4		..CHANNEL- (USED ON ITEMS 7, 7A, 7B, 7C)	A,C,J ,K,Q, S,T,A B,AD, AE,AN AQ,BN A-BC, BE,BQ ,BR	8
R -60A	315T3635-4		..CHANNEL- (USED ON ITEMS 8, 8A, 8B, 8C, 8D, 8E)	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	7

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1084F
 Mar 01/04

015T0438
 315T3001
 315T4726

 **BOEING**
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 02-60B	315T3635-17		..CHANNEL- (USED ON ITEM 8C)	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1
R -60C	315T3635-20		..CHANNEL- (USED ON ITEMS 8, 8A, 8B, 8D, 8E)	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1
R 65	315T3635-4		..CHANNEL- (USED ON ITEMS 9, 9A, 9B, 9C)	B,D,W ,X,AH ,AJ,A P,AR, BD,BF	6

78-31-16

ILLUSTRATED PARTS LIST
 01.1 Page 1084G
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
R 02-65A	315T3635-4		1234567 ..CHANNEL- (USED ON ITEMS 10, 10A, 10B, 10C, 10D, 10E)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	5
R -65B	315T3635-17		..CHANNEL- (USED ON ITEM 10C)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R -65C	315T3635-20		..CHANNEL- (USED ON ITEMS 10, 10A, 10B, 10D, 10E)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1084H
Mar 01/04

015T0438
 315T3001
 315T4726

BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
R 02-70	315T3635-3		1234567 ..FAIRLEAD	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	8
R -73	BACS40R6F22F		..SHIM	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	AR
R 75	315T3635-3		..FAIRLEAD	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	6

78-31-16

ILLUSTRATED PARTS LIST
 01.1 Page 1084I
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
R 02-78	BACS40R6F22F		1234567 ..SHIM	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	AR
R 80	315T3635-6		..CHANNEL		4
R 85	315T3635-5		..FAIRLEAD		4
R -88	BACS40R6F24F		..SHIM		AR
R 90	315T3635-2		..CHANNEL		2
R 95	315T3635-9		..FAIRLEAD		2
R -98	BACS40R6F34F		..SHIM		AR
R 100	315T3602-3		..TUBE ASSY- (MFD FROM TUBING CRES 21-6-9 BMS7-185 F-25.01 0.375 IN. OD 0.020 IN. WALL 66.0 IN. LG)	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1084J
 Mar 01/04

 **BOEING**
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
R 02-105	315T3602-11		1234567 ..TUBE ASSY- (MFD FROM TUBING CRES 21-6-9 BMS7-185 F-25.01 0.375 IN. OD 0.020 IN. WALL 66.0 IN. LG) (PRE SB 767-78-0068)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R 110	315T3602-9		..TUBE ASSY- (MFD FROM TUBING CRES 21-6-9 BMS7-185 F-25.01 0.375 IN. OD 0.020 IN. WALL 72.0 IN. LG) (PRE SB 767-78-0068)	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1
R -115	315T3602-4		..TUBE ASSY- (MFD FROM TUBING CRES 21-6-9 BMS7-185 F-25.01 0.375 IN. OD 0.020 IN. WALL 66.0 IN. LG)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1

78-31-16

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 02-120	315T3602-7		..TUBE ASSY- (MFD FROM TUBING CRES 21-6-9 BMS7-185 F-25.01 0.375 IN. OD 0.020 IN. WALL 66.0 IN. LG)		1
-125	DB0S13BX06H		...SLEEVE- (V14798) (SPEC BACS13BX06H) (OPT 2-02903-06H (V11328)) (OPT 35235V06 (V08199)) (OPT AP2097-06H (V01673)) (OPT AFP175V06 (V30974))		2
R -130	BACN10CS06J		...NUT		2
R 175	BACE21AU0606		..ELBOW-45 DEG		1
R 180	4242200-1		..SHAFT-FLEX (V93835) (SPEC S315T360-5)		2
R 185A	4242100-11		..TUBING-ROTARY FLEX (REWORK) (V93835) (SPEC S315T360-35)		2
R 190	AFP238-0806J		..UNION- (V30974) (SPEC BACU24AA0806J) (OPT ER832-0806J (V50948)) (OPT LER832-0806J (V11328)) (OPT 2-010890806J (V11328)) (OPT APX832-0806J (V01673)) (OPT DBOU24AA0806J (V61498)) (OPT FER1579-0806J (V14397)) (OPT US2113-0806J (V50808)) (OPT APX832J0806 (V01673))		1

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1084L
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 02-195	AN960PD1216		..WASHER		2
R 200	AN924-8J		..NUT		1
R 205	AS152G0151DDN		..HOSE ASSY- (V00624) (SPEC BACH6P0151DDN) (OPT B464DDD0181CN (V03925)) (OPT R8963P0181DDN (V06851)) (OPT 96854P0181CCN (V78570)) (OPT AS119G0151DDN (V00624)) (OPT R8947P0151DDN (V06851)) (OPT R8947P0151DDN (V50599)) (OPT R8963P0151DDN (V06851))		1
R 210	AS152G0181CCN		..HOSE ASSY- (V00624) (SPEC BACH6P0181CCN) (OPT B464DDD0181CN (V03925)) (OPT R8963P0181CCN (V06851)) (OPT 96854P0181CCN (V78570)) (OPT AS119G0181CCN (V00624)) (OPT R8947P0181CCN (V06851)) (OPT R8947P0181CCN (V50599)) (OPT R8963P0181CCN (V06851))		1

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 02-220	AP1008-06J		..CAP ASSY- (V01673) (SPEC BACC14AD06J) (OPT DBOC14AD06J (V14798)) (OPT FER22661-06J (V14397)) (OPT 2-02813-06J (V11328)) (OPT 4690009-06J (V50948)) (OPT AFP241-06J (V30974)) (OPT US2103-06J (V50808))		1
R 230	AP1008-12J		..CAP ASSY- (V01673) (SPEC BACC14AD12J) (OPT DBOC14AD12J (V14798)) (OPT FER22661-12J (V14397)) (OPT 2-02813-12J (V11328)) (OPT 4690009-12J (V50948)) (OPT AFP241-12J (V30974)) (OPT US2103-12J (V50808))		1

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1084N
 Mar 01/04

 **BOEING**
COMPONENT
MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 02-235	4242300-1		..ADAPTER-MANUAL (V93835) (SPEC S315T360-7) (PRE SB 767-78-0061)	A-AM	1
-235A	TY1878-21		..LOCK ASSY-MANUAL (VK0377) (SPEC S315N370-2) (POST SB 767-78-0061)	AN-BR	1
R -240	315T3631-1		..FITTING ASSY-ACTR RTNR (LIMITED) (USED ON ITEMS 7, 7C, 9, 9C) (PRE SB 767-78-0068)	A-D, J ,K,Q, S,T,W ,X,AB ,AD AE,AH ,AJ,A N-AR, BA-BF ,BQ BRQ	6
R 240A	315T3631-7		..FITTING ASSY-ACTR RTNR (LIMITED) (USED ON ITEMS 7A, 7B, 7C, 8, 8A, 8B, 8C, 9A, 9B, 9C, 10, 10A, 10B, 10C) (PRE SB 767-78-0068)		6
-240B	315T3631-7		DELETED		
-240C	315T3631-11		DELETED		
-240D	315T4246-10		..FITTING ASSY-ATTACH (REWORK) (SELECT FROM) (POST SB 767-78-0068)		6
-240E	315T4246-9		..FITTING ASSY-ATTACH (REWORK) (SELECT FROM) (POST SB 767-78-0068)		6
-240F	315T4246-11		..FITTING ASSY-ATTACH (REWORK) (SELECT FROM) (POST SB 767-78-0068)		6

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 10840
Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02- -242	315T3631-7		..FITTING ASSY-ACTR RTNR (LIMITED) (USED ON ITEMS 8D, 8E, 10D, 10E) (PRE SB 767-78-0068)		5
-242A	315T4246-9		..FITTING ASSY-ATTACH (REWORK) (POST SB 767-78-0068)		5
-243	315T3631-11		..FITTING ASSY-ACTR RTNR (LIMITED) (USED ON ITEMS 8D, 8E, 10D, 10E) (PRE SB 767-78-0068)		1
-243A	315T4246-11		..FITTING ASSY-ATTACH (REWORK) (POST SB 767-78-0068)		1
R 245	NAS6704-2		..BOLT -----*-----		6
R 250	315T3631-3		...PIN		1
R -255	315T3631-2		...PLATE- (USED ON ITEMS 240, 240D)	A-D, J ,K,Q, S,T,W ,X,AB ,AD AE,AH ,AJ,A N-AR, BA-BF ,BQ BRQ	1
R 255A	315T3631-8		...PLATE- (USED ON ITEMS 240A, 240E)		1

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1084P
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02- -255B	315T3631-12		...PLATE- (USED ON ITEMS 243, 243A)		1
-255C	315T3631-8		...PLATE- (USED ON ITEMS 242, 242A)		1
R 260	315T3633-26		..SHIM		6
R 265C	2190000-13		..ACTUATOR-NON-LOCKING (V93835) (SPEC S315T360-29) (OPT ITEM 265D) (USED ON ITEMS 7, 7A, 7B, 7C, 8, 8A, 8B, 8C, 8D, 9, 9A, 9B, 9C, 10, 10A, 10B, 10C, 10D) (PRE SB 767-78-0068)		2
R -265D	2190000-15		..ACTUATOR-NON-LOCKING (V93835) (SPEC S315T360-31) (OPT ITEM 265C) (USED ON ITEMS 7, 7A, 7B, 7C, 8, 8A, 8B, 8C, 8D, 9, 9A, 9B, 9C, 10, 10A, 10B, 10C, 10D) (PRE SB 767-78-0068)		2
-265F	2190000-21		..ACTUATOR-NON-LOCKING (V93835) (SPEC S315T360-39) (USED ON ITEMS 8D, 10D) (PRE SB 767-78-0068)		2

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1084Q
Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
			1234567		
R 02- -265G -265H 270C	S315T360-47 S315T360-51 2190000-18		DELETED DELETED ..ACTUATOR-LOCKING (V93835) (SPEC S315T360-28) (2190000-22 TOGETHER WITH 315T3721-9 I/W 2190000-18 OR -20 TOGETHER WITH 315T3721-1 FOR P & W ENGINE ONLY) (OPT ITEM 270D) (USED ON ITEMS 7, 7A, 7B, 7C, 8, 8B, 8C, 9, 9A, 9B, 9C, 10, 10B, 10C)		1
R -270D	2190000-20		..ACTUATOR-LOCKING *(1) (V93835) (SPEC S315T360-30) (2190000-22 TOGETHER WITH 315T3721-9 I/W 2190000-18 OR -20 TOGETHER WITH 315T3721-1 FOR P & W ENGINE ONLY\$ (OPT ITEM 270C) (USED ON ITEMS 7, 7A, 7B, 7C, 8, 8B, 8C, 9, 9A, 9B, 9C, 10, 10B, 10C)		1
R -270E	2190000-20		..ACTUATOR-LOCKING *(1) (V93835) (SPEC S315T360-30) (2190000-22 TOGETHER WITH 315T3721-9 I/W 2190000-18 OR -20 TOGETHER WITH 315T3721-1 FOR P & W ENGINE ONLY) (OPT ITEM 270F) (USED ON ITEMS 8A, 8D, 10A, 10D)		1

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1084R
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 02- -270F	2190000-22		..ACTUATOR-LOCKING (2) (2190000-24 T/W 315T3721-1 I/W 2190000-22 T/W 315T3721-9 FOR PW ENGINE ONLY) (V93835) (SPEC S315T360-34) (2190000-22 TOGETHER WITH 315T3721-9 I/W 2190000-18 OR -20 TOGETHER WITH 315T3721-1 FOR P & W ENGINE ONLY) (OPT ITEM 270E) (USED ON ITEMS 8A, 8D, 10A, 10D)		1
-270H	2190000-24		..ACTUATOR-LOCKING (2190000-24 T/W 315T3721-1 I/W 2190000-22 T/W 315T3721-9 FOR PW ENGINE ONLY) (V93835) (SPEC S315T360-40) (USED ON ITEMS 8D, 10D)		1
-270J	S315T360-43		DELETED		
R 275	MS24665-153		..PIN-COTTER		3
R 280	NAS6705D18		..BOLT		3
R 285	AN960-516		..WASHER		6
R 290	BACB28AK05-038		..BUSHING- (LIMITED) (USED ON ITEMS 7B, 7C, 8, 8A, 8B, 8C, 8D, 8E, 9B, 9C, 10, 10A, 10B, 10B, 10C, 10D, 10E)		3

78-31-16

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 02- -290A	315T3636-1		..BUSHING- (LIMITED) (USED ON ITEMS 7A, 9A, 7C, 9C)	A-D,J ,K,Q, S,T,W ,X,AB ,AD AE,AH ,AJ,A N-AR, BA-BF ,BQ BRQ	3
-290B	NAS74A5E006P		..BUSHING- (REPLD BY ITEM 290C) (USED ON ITEMS 7, 9)	A-D,J ,K,Q, S,T,W ,X,AB ,AD AE,AH ,AJ,A N-AR, BA-BF ,BQ BRQ	3
-290C	315T3636-1		..BUSHING- (REPLS ITEM 290B) (USED ON ITEMS 7, 9)	A-D,J ,K,Q, S,T,W ,X,AB ,AD AE,AH ,AJ,A N-AR, BA-BF ,BQ BRQ	3

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1084T
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
			1234567		
R R	02- 295 300 305	BACN10JD105 BACT11SH18F 315T4726-7	..NUT ..TAPE ..TUBE ASSY- (POST SB 767-78-0068)	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	3 4 1
	-310	DB0S13BX06H	...SLEEVE- (V14798) (SPEC BACS13BX06H) (OPT 2-02903-06H (V11328)) (OPT 35235V06 (V08199)) (OPT AP2097-06H (V01673)) (OPT AFP175V06 (V30974))	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1

78-31-16

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
02- -315	DBOU24AB6H		1234567 ...UNION- (V14798) (SPEC BACU24AB6H) (OPT 2-01027-6H (V11328)) (OPT 31875-6H (V14397)) (OPT 4671097H6 (V50948)) (OPT 35056V06 (V08199)) (OPT AP1004H06 (V01673)) (OPT AFP941H6 (V30974))	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1
-320	AFP107-6		...NUT- (V30974) (SPEC BACN10NR6) (OPT AP1028T6 (V01673)) (OPT BC921T6 (V50948)) (OPT DBON10NR6 (V14798)) (OPT ER01921-6T (V88334)) (OPT FER8928-6 (V14397)) (OPT F11-6 (V73197)) (OPT 2-03005T6 (V11328)) (OPT 31783-6 (V14397)) (OPT ITEM 320A)	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1084V
Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
02-320A	MS21921-6J		1234567 ...NUT- (OPT ITEM 320)	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1
325	315T4726-11		..TUBE ASSY- (POST SB 767-78-0068)	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1
330	315T4726-9		..TUBE ASSY- (POST SB 767-78-0068)	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1

78-31-16

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02- -335	DB0S13BX06H		...SLEEVE- (V14798) (SPEC BACS13BX06H) (OPT 2-02903-06H (V11328)) (OPT 35235V06 (V08199)) (OPT AP2097-06H (V01673)) (OPT AFP175V06 (V30974))	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	2
-340	AFP107-6		...NUT- (V30974) (SPEC BACN10NR6) (OPT AP1028T6 (V01673)) (OPT BC921T6 (V50948)) (OPT DBON10NR6 (V14798)) (OPT ER01921-6T (V88334)) (OPT FER8928-6 (V14397)) (OPT F11-6 (V73197)) (OPT 2-03005T6 (V11328)) (OPT 31783-6 (V14397)) (OPT ITEM 340A)	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	2

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1084X
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
			1234567		
02- -340A	MS21921-6J		...NUT- (OPT ITEM 340)	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	2
345	BACT16BR060606J		..TEE- (OPT ITEM 345A) (POST SB 767-78-0068)	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1
R -345A	BCREF116854		..TEE- (BACT16BR060606JN) (OPT ITEM 345) (POST SB 767-78-0068)	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1

78-31-16

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02-350	S315T360-47		..ACTUATOR-LOCKING (POST SB 767-78-0068)	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
355	315T4726-8		..TUBE ASSY- (POST SB 767-78-0068)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
360	315T4726-18		..TUBE ASSY- (POST SB 767-78-0068)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1084Z
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02- -365	DB0S13BX06H		...SLEEVE- (V14798) (SPEC BACS13BX06H) (OPT 2-02903-06H (V11328)) (OPT 35235V06 (V08199)) (OPT AP2097-06H (V01673)) (OPT AFP175V06 (V30974))	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	2
-370	AFP107-6		...NUT- (V30974) (SPEC BACN10NR6) (OPT AP1028T6 (V01673)) (OPT BC921T6 (V50948)) (OPT DBON10NR6 (V14798)) (OPT ER01921-6T (V88334)) (OPT FER8928-6 (V14397)) (OPT F11-6 (V73197)) (OPT 2-03005T6 (V11328)) (OPT 31783-6 (V14397)) (OPT ITEM 370A)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	2

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1085
Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
02- -370A	MS21921-6J		1234567 ...NUT- (OPT ITEM 370)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	2
375	BACT16BR060606J		..TEE- (OPT ITEM 375A) (POST SB 767-78-0068)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R -375A	BCREF116854		..TEE- (BACT16BR060606JN) (OPT ITEM 375) (POST SB 767-78-0068)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1086
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
02-380	S315T360-47		1234567 ..ACTUATOR-LOCKING (POST SB 767-78-0068)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1

- Item Not Illustrated

*[1] FOR 2190000-20 ACTUATOR, USE 78-31-11-05 315T3721-1 LINK ASSY ONLY.

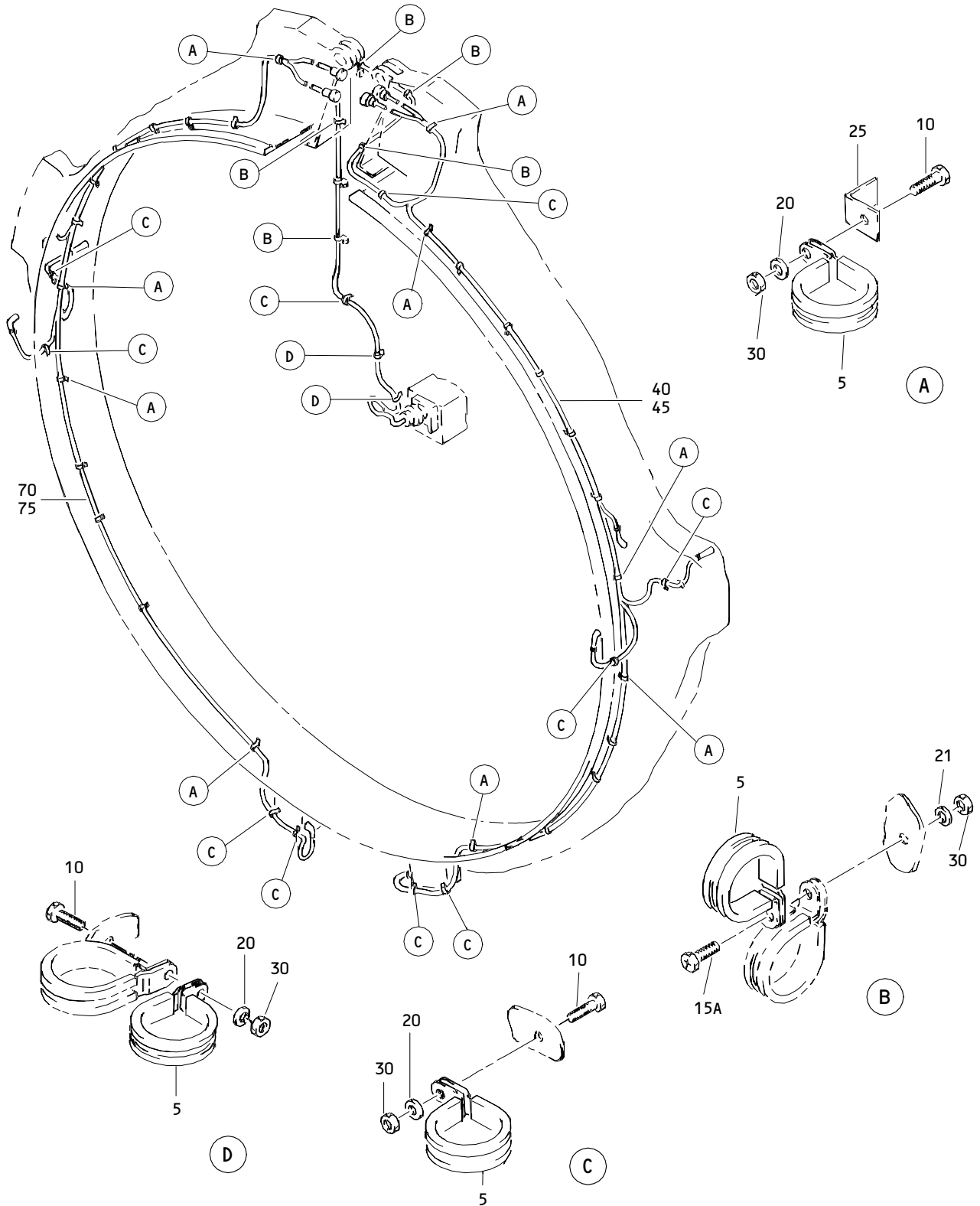
*[2] FOR 2190000-22 ACTUATOR, USE 78-31-11-05 315T3721-9 LINK ASSY ONLY.

78-31-16

ILLUSTRATED PARTS LIST

01.1 Page 1086A

Mar 01/04



Cowling and Thrust Reverser Wire Bundle Installation
 Figure 3

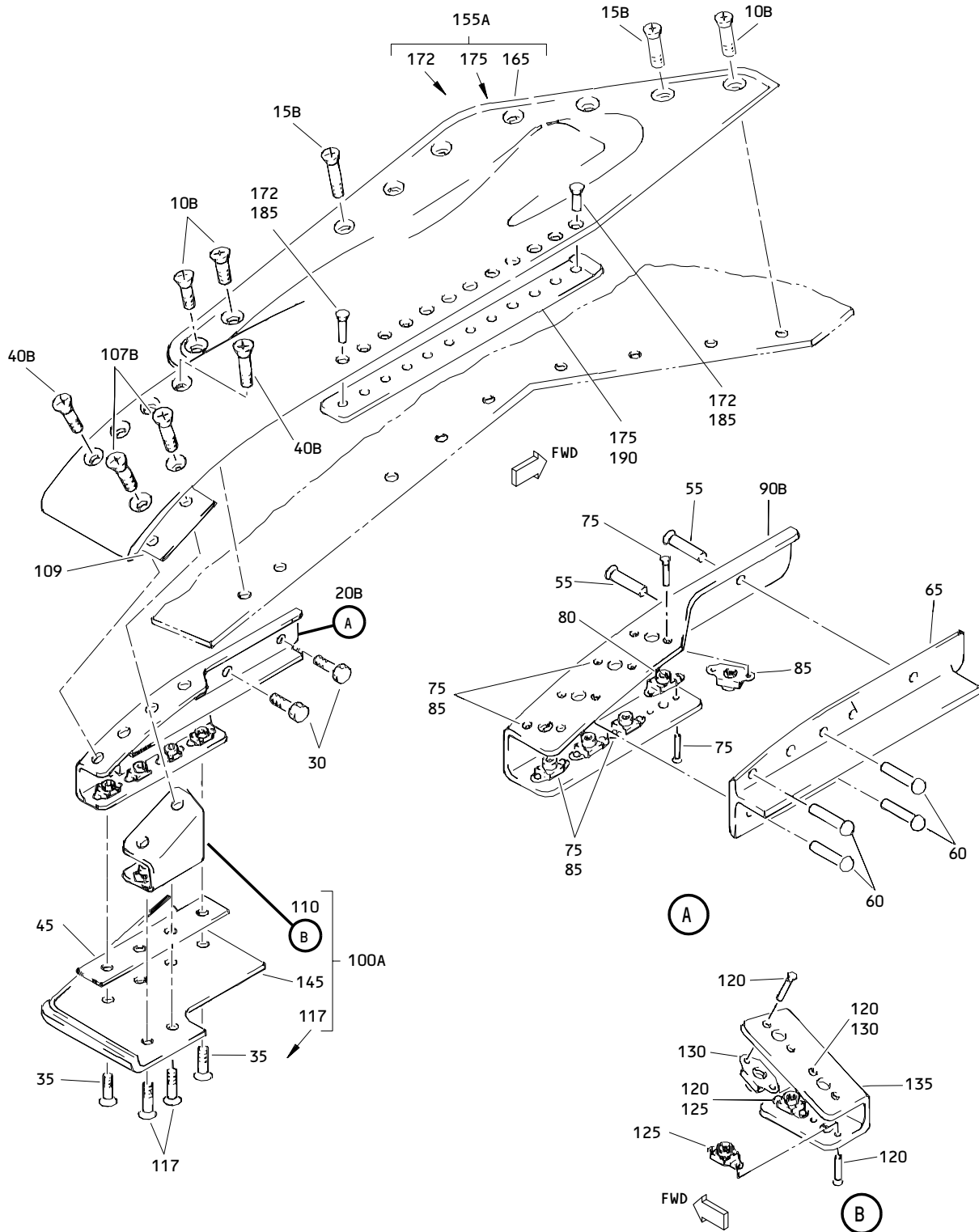
78-31-16

ILLUSTRATED PARTS LIST
 01.1 Page 1086B
 Mar 01/04

 **BOEING**
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
03- -1	288T3199		WIRE BUNDLE INSTL-COWLING AND THRUST REVERSER		RF
5	BACC10GU		.CLAMP ATTACHING PARTS		44
10	NAS1801-3		.SCREW		38
15A	NAS6703U4		.BOLT		6
20	AN960PD10L		.WASHER		38
21	AN960PD10		.WASHER		6
25	AN743-12		.BRACKET		24
30	H10-3BAC		.NUT- (V15653) (SPEC BACN10JC3) (OPT NS202101-02 (V80539)) (OPT RMLH9075-3W (V72962)) (OPT T6S1032J (V71087)) (OPT VN303A02 (V92215)) (OPT 96-02 (V80539)) (OPT BRH10A3 (V52828)) -----*-----		44
40	286T0326		.WIRE BUNDLE ASSY-W326		1
45	286T0330		.WIRE BUNDLE ASSY-W330		1
70	286T0328		.WIRE BUNDLE ASSY-W328		1
75	286T0332		.WIRE BUNDLE ASSY-W332		1

- Item Not Illustrated



Track Fairing Installation
Figure 4

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1086D
Mar 01/04

015T0438
 315T3001
 315T4726

BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 04-1	315T3579-5SP		FAIRING INSTL-TRACK	E,G, J-L,N ,R-V, AC-AG ,AS,A U AW,AY ,BA,B B,BG, BJ,BL ,BN BQ,BR B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	RF
R -5	315T3579-6SP		FAIRING INSTL-TRACK	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	RF
10A 10B	BACB30NN4K2 BACB30VF4K2		DELETED .BOLT	B,D-P ,R-AA ,AC-A M,AP, AR-BB BD,BB F-BT	3

78-31-16

ILLUSTRATED PARTS LIST
 01.1 Page 1086E
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
			1234567		
04- 15A 15B	BACB30NN4K3 BACB30VF4K3		DELETED .BOLT	B,D-P ,R-AA ,AC-A M,AP, AR-BB BD,BB F-BT	5
R 20B	315T3705-67		.BRACKET ASSY-ATTACH	E,G, J-L,N ,R-V, AC-AG ,AS,A U AW,AY ,BA,B B,BG, BJ,BL ,BN BQ,BR	1
R -25B	315T3705-68		.BRACKET ASSY-ATTACH	B,D,F ,H,M, P,W-A A,A C-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
			ATTACHING PARTS		

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1086F
 Mar 01/04

015T0438
 315T3001
 315T4726

BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 04-30	BACB30LJ3-7		.BOLT	B,D-P ,R-AA ,AC-A M,AP, AR-BB BD,BB F-BT	2
R 35	BACB30LL3-3		.BOLT	B,D-P ,R-AA ,AC-A M,AP, AR-BB BD,BB F-BT	4
40A 40B	BACB30NN4K3 BACB30VF4K3		DELETED .BOLT	B,D-P ,R-AA ,AC-A M,AP, AR-BB BD,BB F-BT	4
R 45	BACS40R08C48F		.SHIM	B,D-P ,R-AA ,AC-A M,AP, AR-BB BD,BB F-BT	1
			-----*		

78-31-16

ILLUSTRATED PARTS LIST
 01.1 Page 1086G
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 04-55	BACR15BA5AD		..RIVET- (SIZE DETERMINE ON INST)	B,D-P ,R-AA ,AC-A M,AP, AR-BB BD,BB F-BT	2
R 60	BACR15BB5AD3		..RIVET	B,D-P ,R-AA ,AC-A M,AP, AR-BB BD,BB F-BT	6
R 65	315T3705-45		..TEE	E,G, J-L,N ,R-V, AC-AG ,AS,A U AW,AY ,BA,B B,BG, BJ,BL ,BN BQ,BR	1
R -70	315T3705-46		..TEE	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1086H
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 04-75	BACR15BA3AD2		..RIVET	B,D-P ,R-AA ,AC-A M,AP, AR-BB BD,BB F-BT	16
R 80	BRF200C3M		..NUTPLATE- (V52828) (SPEC BACN10JR3CFM) (OPT F5001-3BAC (V15653)) (OPT NS103203SE02 (V80539)) (OPT T8092C1032 (V11815)) (OPT VN152D1-02 (V92215)) (OPT 109F9201-3 (V72962))	B,D-P ,R-AA ,AC-A M,AP, AR-BB BD,BB F-BT	4
R 85	BRF200C4M		..NUTPLATE- (V52828) (SPEC BACN10JR4CFM) (OPT F5001-4BAC (V15653)) (OPT NS103203SE048 (V80539)) (OPT T8092C428 (V11815)) (OPT VN152D1-048 (V92215)) (OPT 109F9201-4 (V72962))	B,D-P ,R-AA ,AC-A M,AP, AR-BB BD,BB F-BT	4

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1086I
Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
R 04-90B	315T3705-69		1234567 ..BRACKET	E,G, J-L,N ,R-V, AC-AG ,AS,A U AW,AY ,BA,B B,BG, BJ,BL ,BN BQ,BR	1
R -95B	315T3705-70		..BRACKET	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R 100A	315T3530-11		.FAIRING ASSY	E,G, J-L,N ,R-V, AC-AG ,AS,A U AW,AY ,BA,B B,BG, BJ,BL ,BN BQ,BR	1

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1086J
 Mar 01/04

015T0438
 315T3001
 315T4726

BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
R 04-105A	315T3530-12		1234567 .FAIRING ASSY	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
107A 107B	BACB30NN4K3 BACB30VF4K3		ATTACHING PARTS DELETED .BOLT	B,D-P ,R-AA ,AC-A M,AP, AR-BB BD,BB F-BT	2
R 109	BACS40R12C26F		.SHIM -----*	B,D-P ,R-AA ,AC-A M,AP, AR-BB BD,BB F-BT	1

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
R 04-110	315T3705-37		1234567 ..CLIP ASSY	E,G, J-L,N ,R-V, AC-AG ,AS,A U AW,AY ,BA,B B,BG, BJ,BL ,BN BQ,BR B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R -115	315T3705-38		..CLIP ASSY	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R 117	BACB30LL3-4		ATTACHING PARTS ..BOLT	B,D-P ,R-AA ,AC-A M,AP, AR-BB BD,BB F-BT	2
R 120	BACR15BA3AD2		-----*----- ...RIVET	B,D-P ,R-AA ,AC-A M,AP, AR-BB BD,BB F-BT	8

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1086L
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 04-125	BRF200C3M		...NUTPLATE- (V52828) (SPEC BACN10JR3CFM) (OPT F5001-3BAC (V15653)) (OPT NS103203SE02 (V80539)) (OPT T8092C1032 (V11815)) (OPT VN152D1-02 (V92215)) (OPT 109F9201-3 (V72962))	B,D-P ,R-AA ,AC-A M,AP, AR-BB BD,BB F-BT	2
R 130	BRF200C4M		...NUTPLATE- (V52828) (SPEC BACN10JR4CFM) (OPT F5001-4BAC (V15653)) (OPT NS103203SE048 (V80539)) (OPT T8092C428 (V11815)) (OPT VN152D1-048 (V92215)) (OPT 109F9201-4 (V72962))	B,D-P ,R-AA ,AC-A M,AP, AR-BB BD,BB F-BT	2
R 135	315T3705-39		...CLIP	E,G, J-L,N ,R-V, AC-AG ,AS,A U AW,AY ,BA,B B,BG, BJ,BL ,BN BQ,BR	1

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1086M
Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
R 04-140	315T3705-40		1234567 ...CLIP	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R 145	315T3530-13		..BOND ASSY	E,G, J-L,N ,R-V, AC-AG ,AS,A U AW,AY ,BA,B B,BG, BJ,BL ,BN BQ,BR	1
R -150	315T3530-14		..BOND ASSY	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1086N
Mar 01/04

015T0438
 315T3001
 315T4726

BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
R 04-155A	315T3530-7		1234567 .FAIRING ASSY- (LIMITED) (315T4531-5 TOGETHER WITH 315T3530-5 RUB STRIP I/W 315T3530-7)	E,G, J-L,N ,R-V, AC-AG ,AS,A U AW,AY ,BA,B B,BG, BJ,BL ,BN BQ,BR	1
R -160A	315T3530-8		.FAIRING ASSY- (LIMITED) (315T4531-6 TOGETHER WITH 315T3530-6 RUB STRIP I/W 315T3530-7)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R 165	315T3530-9		..BOND ASSY	E,G, J-L,N ,R-V, AC-AG ,AS,A U AW,AY ,BA,B B,BG, BJ,BL ,BN BQ,BR	1

78-31-16

ILLUSTRATED PARTS LIST
 01.1 Page 10860
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 04-170	315T3530-10		..BOND ASSY	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
172	BACR15BA5AD		..RIVET- (SIZE DETERMINE ON INST)	B,D-P ,R-AA ,AC-A M,AP, AR-BB BD,BB F-BT	12
R 175	315T3530-5		..STRIP-RUB	E,G, J-L,N ,R-V, AC-AG ,AS,A U AW,AY ,BA,B B,BG, BJ,BL ,BN BQ,BR	1

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1086P
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 04-180	315T3530-6		..STRIP-RUB	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT B,D-P	1
185	BACR15BA5B		.RIVET- (LIMITED) (SIZE DETERMINE ON INST)	,R-AA ,AC-A M,AP, AR-BB BD,BB F-BT	12
190	315T3530-5		.STRIP-RUB (LIMITED)	E,G, J-L,N ,R-V, AC-AG ,AS,A U AW,AY ,BA,B B,BG, BJ,BL ,BN BQ,BR	1

78-31-16

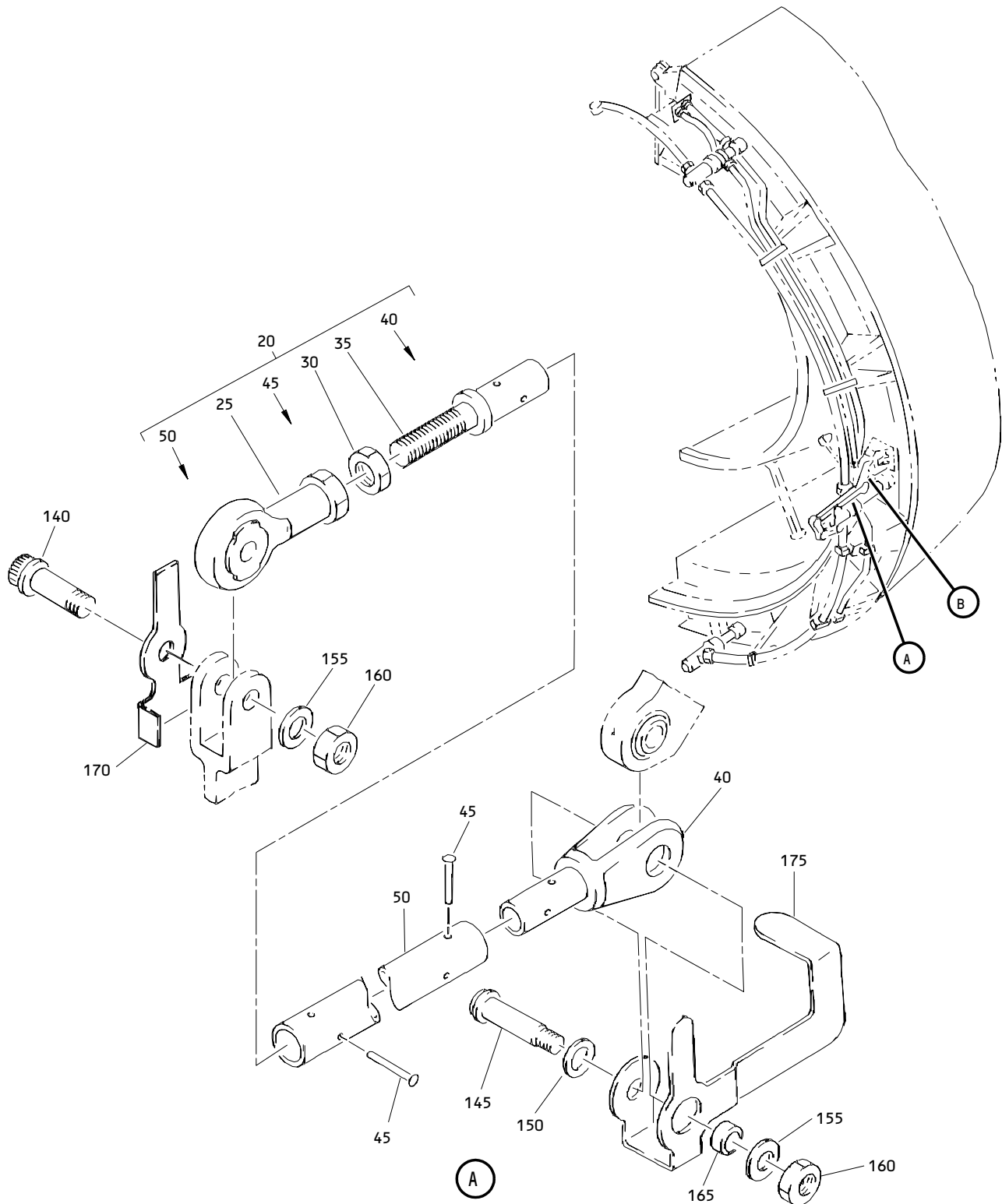
ILLUSTRATED PARTS LIST
 01.1 Page 1086Q
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
04- -195	315T3530-6		.STRIP-RUB (LIMITED)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
200	315T4531-5		.FAIRING- (LIMITED) (315T4531-5 TOGETHER WITH 315T3530-5 RUB STRIP I/W 315T3530-7)	E,G, J-L,N ,R-V, AC-AG ,AS,A U AW,AY ,BA,B B,BG, BJ,BL ,BN BQ,BR	1
-205	315T4531-6		.FAIRING- (LIMITED) (315T4531-6 TOGETHER WITH 315T3530-6 RUB STRIP I/W 315T3530-8)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1

- Item Not Illustrated

78-31-16

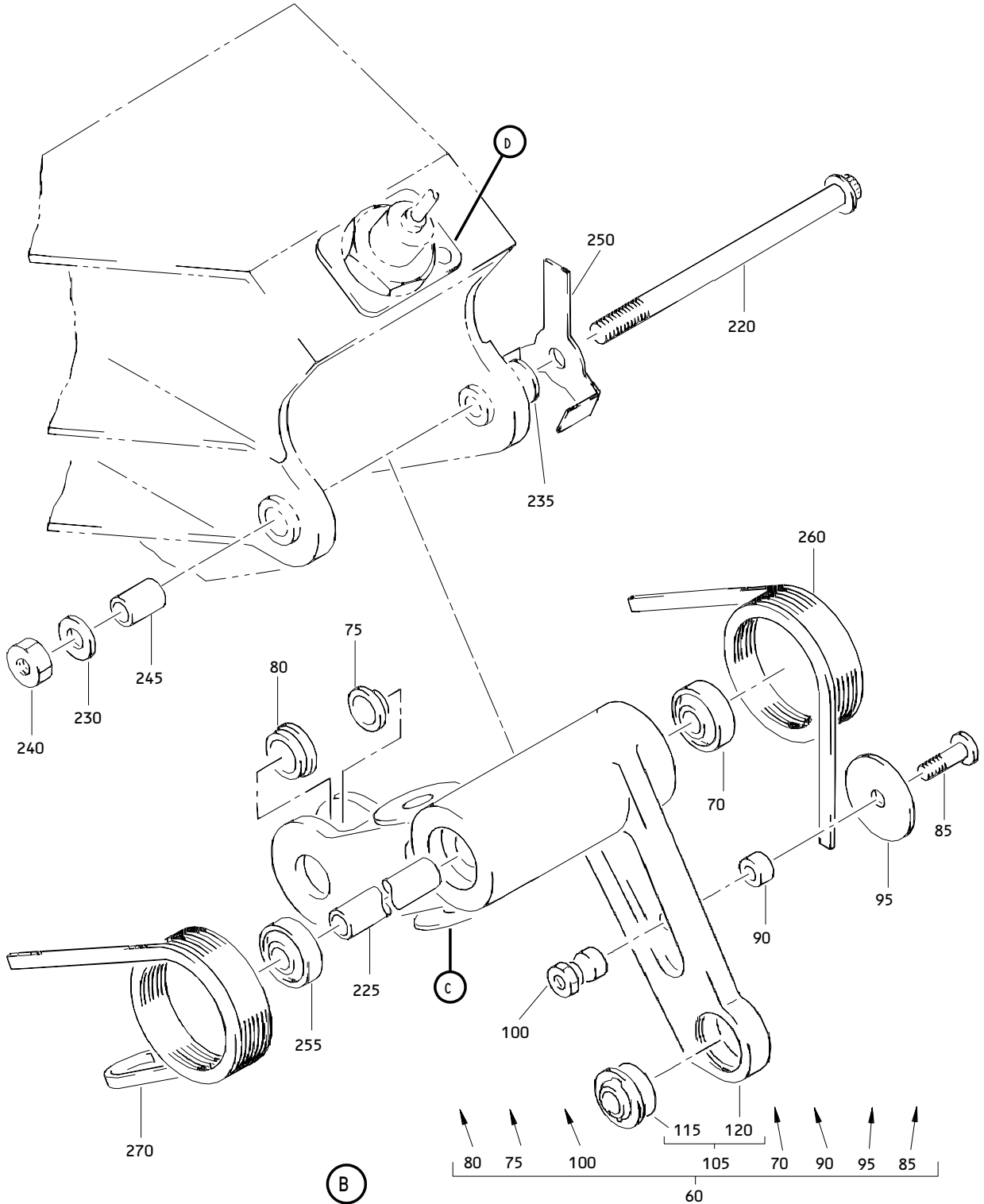
ILLUSTRATED PARTS LIST
01.1 Page 1086R
Mar 01/04



Thrust Reverser Feedback Interlock Installation
 Figure 5 (Sheet 1)

78-31-16

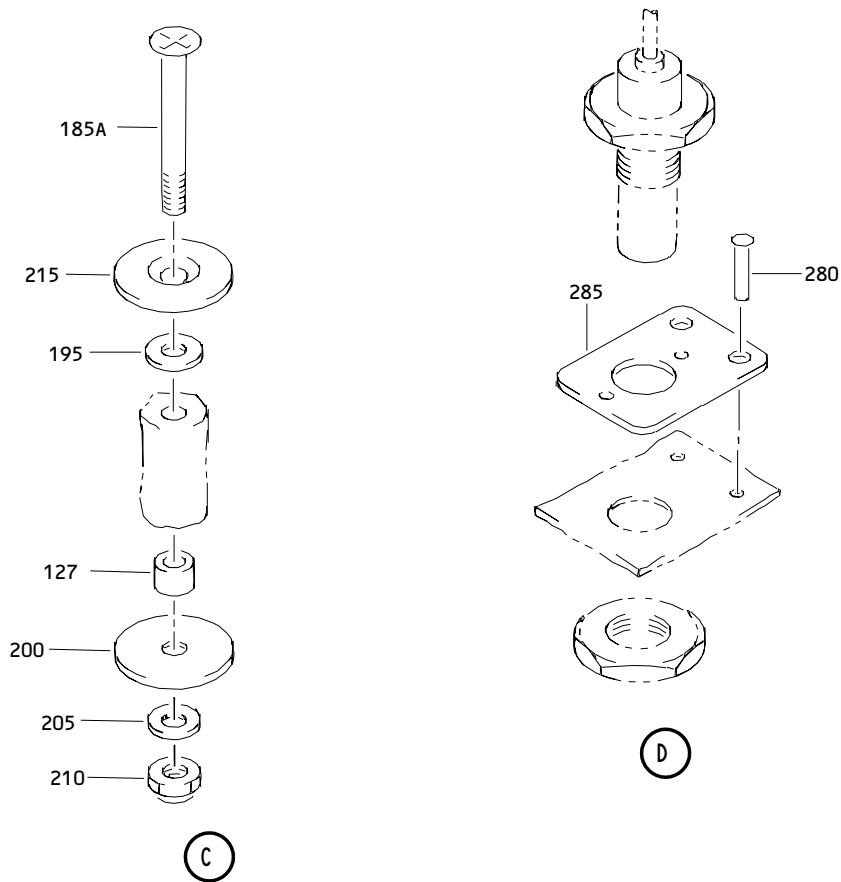
ILLUSTRATED PARTS LIST
 01.1 Page 1086T
 Mar 01/04



Thrust Reverser Feedback Interlock Installation
Figure 5 (Sheet 2)

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1086U
Mar 01/04



Thrust Reverser Feedback Interlock Installation
Figure 5 (Sheet 3)

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1086V
Mar 01/04

015T0438
 315T3001
 315T4726

BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 05-1	315T3701-1		INTERLOCK INSTL-THRUST REVERSER FEEDBACK	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	RF
R -5	315T3701-2		INTERLOCK INSTL-THRUST REVERSER FEEDBACK	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	RF
R -10	315T3701-5001		.COLLECTOR ASSY-LIMITED PT (LIMITED)	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1

78-31-16

ILLUSTRATED PARTS LIST
 01.1 Page 1086W
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 05- -10A	315T3701-5005		.COLLECTOR ASSY-LIMITED PT (LIMITED)	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1
R -10B	315T3701-5003		.COLLECTOR ASSY-LIMITED PT (LIMITED)	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1
-10C	315T3701-5007		.COLLECTOR ASSY-LIMITED PT (LIMITED)	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1086X
Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 05-15	315T3701-5002		.COLLECTOR ASSY-LIMITED PT (LIMITED)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R -15A	315T3701-5006		.COLLECTOR ASSY-LIMITED PT (LIMITED)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R -15B	315T3701-5004		.COLLECTOR ASSY-LIMITED PT (LIMITED)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1

78-31-16

ILLUSTRATED PARTS LIST
 01.1 Page 1086Y
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
05- -15C	315T3701-5008		.COLLECTOR ASSY-LIMITED PT (LIMITED)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R 20	315T3721-1		..LINK ASSY-*(1) (315T3721-9 TOGETHER WITH 2190000-22 I/W 315T3721-1 TOGETHER WITH 2190000-18 OR -20 FOR P & W ENGINE ONLY) (USED ON ITEMS 10, 15)		1
R -20A	315T3721-1		..LINK ASSY-*(2) (315T3721-9 TOGETHER WITH 2190000-22 I/W 315T3721-1 TOGETHER WITH 2190000-18 OR -20 FOR P & W ENGINE ONLY) (OPT ITEM 20B) (USED ON ITEMS 10A, 10B, 15A, 15B)		1

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1086Z
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 05- -20B	315T3721-9		..LINK ASSY-*(2) (315T3721-9 TOGETHER WITH 2190000-22 I/W 315T3721-1 TOGETHER WITH 2190000-18 OR -20 FOR P & W ENGINE ONLY) (OPT ITEM 20A) (USED ON ITEMS 10A, 10B, 15A, 15B)		1
R 25	VTA04560		...ROD END ASSY- (V06710) (SPEC S302T001-304A) (FOR DETAILS SEE FIG. 81)		1
R 30	NAS509-5C		...NUT		1
R 35	315T3721-4		...ROD END		1
R 40	315T3721-3		...CLEVIS		1
R 45	BACR15BB3AD		...RIVET- (SIZE DETERMINE ON INST)		4
R 50	315T3721-2		...TUBE- (USED ON ITEMS 20, 20A)		1
R -50A	315T3721-10		...TUBE- (USED ON ITEM 20B)		1
R 60	315T3722-1		..BELLCRANK ASSY- (USED ON ITEMS 10, 10B)	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1

78-31-16

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 05-60A	315T3722-9		..BELLCRANK ASSY- (USED ON ITEM 10A)	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R -65	315T3722-2		..BELLCRANK ASSY- (USED ON ITEMS 15, 15B)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R -65A	315T3722-10		..BELLCRANK ASSY- (USED ON ITEM 15A)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1088
Mar 01/04

015T0438
 315T3001
 315T4726

 **BOEING**
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 05-70	KP4ANJC		...BEARING- (V06144) (SPEC BACB10BX4) (OPT KP4AFS428 (V21335)) (OPT KP4A2TS (V43991)) (OPT LLKP4A (V38443)) (OPT KP4AG27 (V30163)) (OPT KP4A (V38443)) (OPT KP4ALY196 (V40920)) (OPT KP4ASD610 (V83086)) (OPT CS204E (VK8455)) (OPT KP4A (V21760))		1
R 75	BACB28AP04P012		...BUSHING		1
R 80	BACB28AP06P012		...BUSHING		1

78-31-16

ILLUSTRATED PARTS LIST
 01.1 Page 1088A
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 05-85	HL1012AZ6-6		...BOLT- (V97928) (SPEC BACB30NX6K6) (OPT HL12VAZ6-6 (V73197)) (OPT HL12VAZ6-6 (V92215)) (OPT HL12VAZ6-6 (V97928)) (OPT L802-6K6 (V06725)) (OPT HL12VAZ6-6 (V56878)) (OPT HL1012AZ6-6 (V0PTK6)) (OPT HL1012AZ6-6 (V06725)) (OPT HL1012AZ6-6 (V06950)) (OPT HL1012AZ6-6 (V17446)) (OPT HL1012AZ6-6 (V56878)) (OPT HL1012AZ6-6 (V60516)) (OPT HL1012AZ6-6 (V73197))		1
R 90	NAS43DD3-8		...SPACER		1
R 95	BACW10P69S		...WASHER		1
R 100	HL1187DUW6		...COLLAR- (V5M902) (SPEC BACC30X6SW) (OPT HL87DUW6 (V73197)) (OPT HL87DUW6 (V92215)) (OPT HL1187DUW6 (V56878)) (OPT HL1187DUW6 (V92215)) (OPT HL87DUW6 (V56878)) (OPT HL1187DUW6 (V73197))		1

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1088B
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 05-105	315T3722-7		...BELLCRANK ASSY- (USED ON ITEM 60)	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1
R -105A	315T3722-11		...BELLCRANK ASSY- (USED ON ITEM 60A)	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1
R -110	315T3722-8		...BELLCRANK ASSY- (USED ON ITEM 65)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1

78-31-16

ILLUSTRATED PARTS LIST
 01.1 Page 1088C
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 05-110A	315T3722-12		...BELLCRANK ASSY- (USED ON ITEM 65A)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R 115	VTB04540		....BEARING ASSY- (V06710) (SPEC S302T001-301A) (OPT USB4-136 (V02758)) (OPT P21620 (V57606)) (FOR DETAILS SEE FIG. 82)		1
R -115B	USB4-136		....BEARING ASSY- (V02758) (SPEC S302T001-301A) (OPT P21620 (V57606)) (OPT VTB04540 (V06710))		1

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1088D
Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 05-120	315T3722-3		....BELLCRANK- (USED ON ITEM 105)	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1
R -120A	315T3722-13		....BELLCRANK- (USED ON ITEM 105A)	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1
R -125	315T3722-4		....BELLCRANK- (USED ON ITEM 110)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1

78-31-16

ILLUSTRATED PARTS LIST
 01.1 Page 1088E
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 05-125A	315T3722-14		....BELLCRANK- (USED ON ITEM 110A)	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
127	NAS43DD3-8		..SPACER- (USED ON ITEMS 10, 10A, 10B, 15, 15A, 15B)		1
-127A	NAS43DD3-12		..SPACER- (USED ON ITEMS 10C, 15C)		1
R -130	315T3701-7001		.COLLECTOR ASSY-COMMON PT	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1088F
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
R 05- -135	315T3701-7002		.COLLECTOR ASSY-COMMON PT	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R 140	BACB30LE4-10		..BOLT		1
R 145	HL441UC8-11		..BOLT- (V60516) (SPEC BACB30FM8A11) (OPT HL440UC8-11 (V73197)) (OPT HL440UC8-11 (V92215)) (OPT HL440UC8-11 (V97928)) (OPT HL440UC8-11 (V80539)) (OPT WC130-8-11 (V60516)) (OPT 67067-8A11 (V56878)) (OPT L8058A11 (V06725)) (OPT HL440UC8-11 (V56878))		1

78-31-16

ILLUSTRATED PARTS LIST
 01.1 Page 1088G
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
			1234567		
05-					
R 150	BACW10P321S		..WASHER		1
R 155	AN960-416		..WASHER		2
R 160	NAS1805-4N		..NUT		2
R 165	BACB28AK04-020		..BUSHING		1
R 170	315T1015-1		..RETAINER-BOLT		1
R 175	315T3706-1		..RETAINER-BOLT	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R -180	315T3706-2		..RETAINER-BOLT		1

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1088H
 Mar 01/04

015T0438
 315T3001
 315T4726

 **BOEING**
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
	05-				
	185	BACB30LH3-21	DELETED		
	185A	BACB30LU3-21	..BOLT		1
R	195	AN960PD416L	..WASHER		AR
R	200	BACW10P69S	..WASHER		1
R	205	AN960-10	..WASHER		1
R	210	BRH10C3M	..NUT- (V52828) (SPEC BACN10JC3CM) (OPT T6C1032JM (V11815)) (OPT 97E02 (V80539)) (OPT 109LH9075-3W (V72962)) (OPT VN303D02 (V92215)) (OPT NS202101SE02 (V80539)) (OPT H01-3BAC (V15653))		1
R	215	315T3723-1	..TARGET		1
R	220	BACB30LE4-58	..BOLT		1
R	225	NAS43HT4-139	..SPACER		1
R	230	BACW10BP4AP	..WASHER		1
R	235	BACW10BP4AC	..WASHER		1
R	240	NAS1805-4N	..NUT		1
R	245	BACB28AK04-053	..BUSHING		1

78-31-16

ILLUSTRATED PARTS LIST
 01.1 Page 1088I
 Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
			1234567		
R 05- R 250 R 255	315T1015-3 KP4ANJC		..RETAINER-BOLT ..BEARING- (V06144) (SPEC BACB10BX4) (OPT KP4AFS428 (V21335)) (OPT KP4A2TS (V43991)) (OPT LLKP4A (V38443)) (OPT KP4AG27 (V30163)) (OPT KP4A (V38443)) (OPT KP4ALY196 (V40920)) (OPT KP4ASD610 (V83086)) (OPT CS204E (VK8455)) (OPT KP4A (V21760))		1 1
R 260	315T3632-1		..SPRING	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1

78-31-16

 ILLUSTRATED PARTS LIST
 01.1 Page 1088J
 Mar 01/04

015T0438
 315T3001
 315T4726

 **BOEING**
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 05- -265	315T3632-2		..SPRING	B,D,F ,H,M, P,W-A A,A C-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1
R 270	315T3632-3		..SPRING	A,C,E ,G, J-L,N ,Q-V, AB-AG AN,AQ ,AS,A U,AW, AY,B A-BC BE,BG ,BJ,B L,BN, BQ,BR	1
R -275	315T3632-4		..SPRING	B,D,F ,H,M, P,W-A A,A H-AM, AP AR,AT ,AV,A X,AZ, BD,BF ,BH BK,BM ,BP,B S,BT	1

78-31-16

ILLUSTRATED PARTS LIST
 01.1 Page 1088K
 Mar 01/04

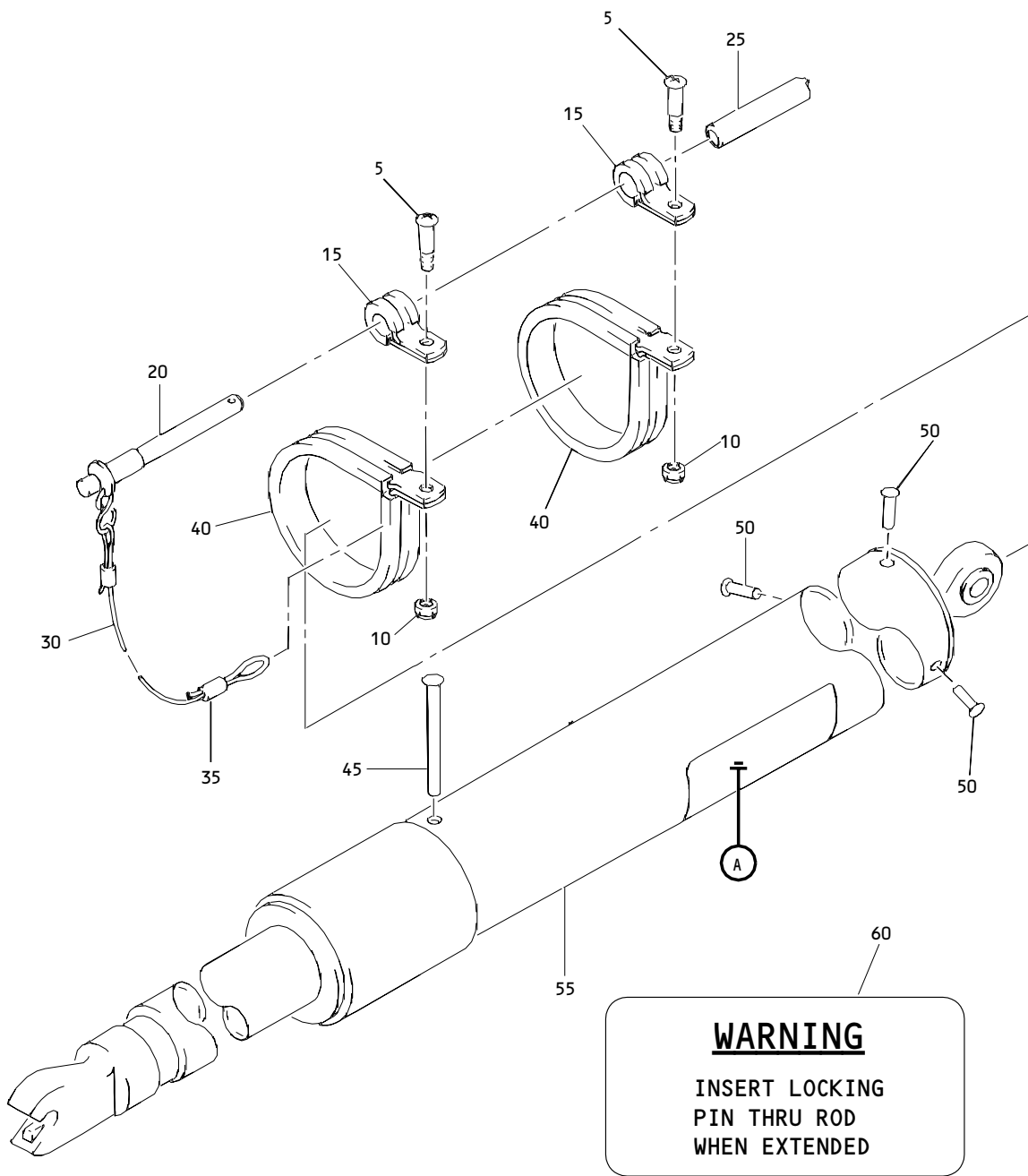
FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
			1234567		
05-280	BACR15BB3AD		..RIVET- (SIZE DETERMINE ON INST)		2
R 285	315T3701-5		..SPACER		1

- Item Not Illustrated

*[1] 78-31-11-05 ITEM 20 LINK ASSY USED WITH 78-31-11-02 ITEM 270D ACTUATOR.

*[2] 78-31-11-05 ITEM 20A LINK ASSY USED WITH 78-31-11-02 ITEM 270E ACTUATOR OPTIONAL TO 78-31-11-05 ITEM 20B LINK ASSY USED WITH 78-31-11-02 ITEM 270F ACTUATOR.

78-31-16



Hold Open Rod Assembly
 Figure 6

78-31-16

ILLUSTRATED PARTS LIST
 01.1 Page 1088N
 Mar 01/04

015T0438
315T3001
315T4726

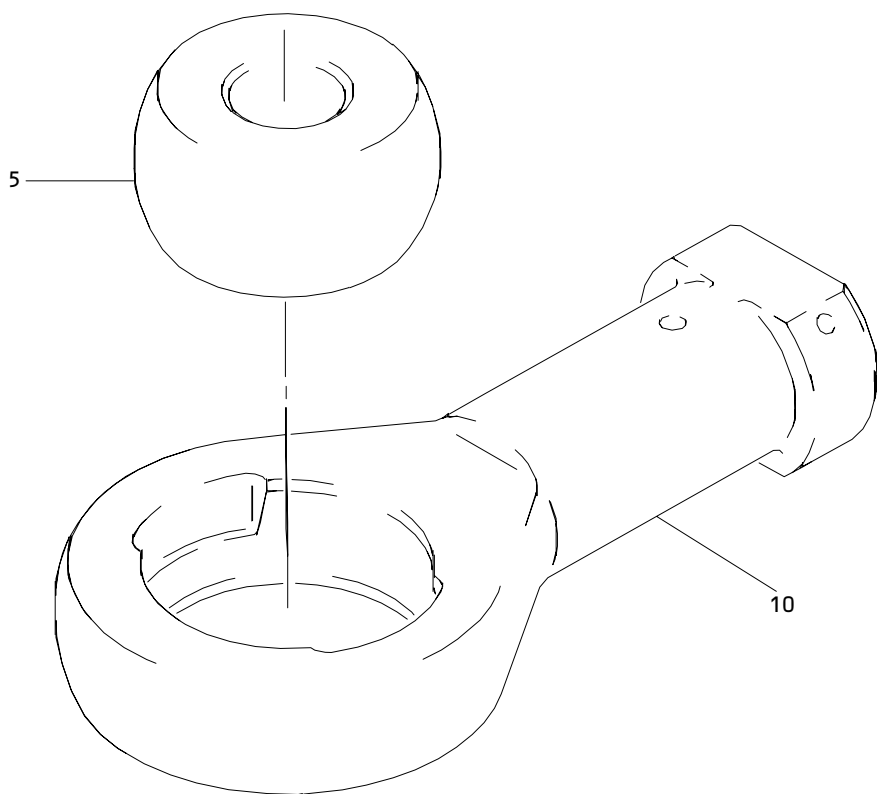
 **BOEING**
COMPONENT
MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
06- -1	315T3159-1		ROD ASSY-HOLD OPEN (REWORK)		RF
5 10	BACB30NT3K2 BRH10C3D		.BOLT .NUT- (V52828) (SPEC BACN10JC3CD) (OPT T6C1032JCD (V11815)) (OPT NS202486-02 (V80539)) (OPT 102LH9075-3W (V72962)) (OPT H51650-3BAC (V15653))		2 2
15 20	MS21919WCH5 CL4BLPB1-8S		.CLAMP .PIN-BALL LOCK (V99862) (OPT ITEMS 20A, 20B)		2 1
-20A	BLC4BC18S		.PIN-BALL LOCK (V84256) (OPT ITEMS 20, 20B)		1
-20B	MS17984C418		.PIN-BALL LOCK (OPT ITEMS 20, 20A)		1
25	315T3159-3		.RETAINER-PIN (MFD FROM 304 CRES TUBE F17.09 MIL-T-6845 5/8 IN. OD X 30.28 IN X 1.79 IN. LG)		1
30 35	BACC13Y3B42 CL4F		.CABLE ASSY .FERRULE- (V99862) (SPEC BACF22U2) (OPT 325167 (V00779))		1 1
40 45 50	MS21919WCH28 MS20613-6C30 SSD66SSBS		.CLAMP .RIVET .RIVET- (V07707)		2 1 3
55	A2724-3		.STRUT ASSY- (V08844) (SPEC S315T366-2)		1
60	BAC27TTR0043		.MARKER-ALUMINUM FOIL		1

- Item Not Illustrated

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 10880
Mar 01/04



Rod End Assembly
Figure 81

78-31-16

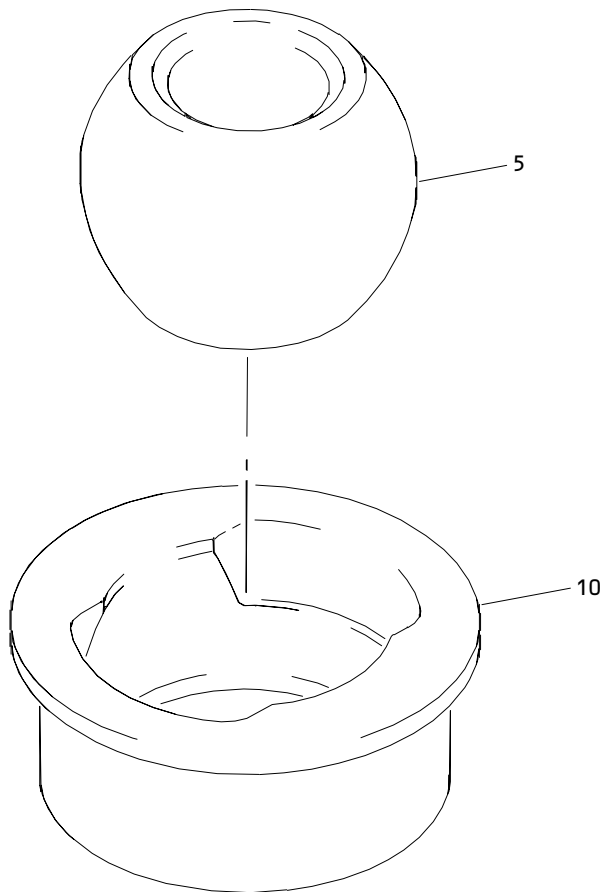
ILLUSTRATED PARTS LIST
01.1 Page 1088P
Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
81- -1	VTA04560		ROD END ASSY- (V06710) (SPEC S302T001-304A)		RF
5	VTA04561		.BALL- (V06710)		1
10	VTA04563		.ROD END BODY- (V06710)		1

- Item Not Illustrated

78-31-16

ILLUSTRATED PARTS LIST
 01.1 Page 1088Q
 Mar 01/04



Bearing Assembly
Figure 82

78-31-16

ILLUSTRATED PARTS LIST
01.1 Page 1088R
Mar 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
82- -1	VTB04540		BEARING ASSY- (V06710) (SPEC S302T001-301A) (OPT USB4-136 (V02758)) (OPT P21620 (V57606))		RF
5	VTB04541		.BALL- (V06710) (SPEC S302T001-301B) (OPT P21621 (V57606))		1
10	VTB04542		.RACE- (V06710)		1

- Item Not Illustrated