COMPONENT MAINTENANCE MANUAL WITH ILLUSTRATED PARTS LIST

MLG MANUAL EXTENSION UPLOCK RELEASE MECHANISM ASSEMBLY

PART NUMBER 65-67905–17, –18, –21, –22, –23, –24, –25, –26, –27, –28

PUBLISHED BY BOEING COMMERCIAL AIRPLANES GROUP, SEATTLE, WASHINGTON, USA
A DIVISION OF THE BOEING COMPANY
PAGE DATE: Jul 01/2009

COMPONENT MAINTENANCE MANUAL

Revision No. 9
Jul 01/2009

To: All holders of MLG MANUAL EXTENSION UPLOCK RELEASE MECHANISM ASSEMBLY 32-34-17.

Attached is the current revision to this COMPONENT MAINTENANCE MANUAL

The COMPONENT MAINTENANCE MANUAL is furnished either as a printed manual, on microfilm, or digital products, or any combination of the three. This revision replaces all previous microfilm cartridges or digital products. All microfilm and digital products are reissued with all obsolete data deleted and all updated pages added.

For printed manuals, changes are indicated on the List of Effective Pages (LEP). The pages which are revised will be identified on the LEP by an R (Revised), A (Added), O (Overflow, i.e. changes to the document structure and/or page layout), or D (Deleted). Each page in the LEP is identified by Chapter-Section-Subject number, page number and page date.

Pages replaced or made obsolete by this revision should be removed and destroyed.

ATTENTION

IF YOU RECEIVE PRINTED REVISIONS, PLEASE VERIFY THAT YOU HAVE RECEIVED AND FILED THE PREVIOUS REVISION. BOEING MUST BE NOTIFIED WITHIN 30 DAYS IF YOU HAVE NOT RECEIVED THE PREVIOUS REVISION. REQUESTS FOR REVISIONS OTHER THAN THE PREVIOUS REVISION WILL REQUIRE A COMPLETE MANUAL REPRINT SUBJECT TO REPRINT CHARGES SHOWN IN THE DATA AND SERVICES CATALOG.

Location of Change	Description of Change
	NO HIGHLIGHTS

BOEING®

COMPONENT MAINTENANCE MANUAL

A = Added, R = Revised, D = Deleted, O = Overflow

TABLE OF CONTENTS

BOEING®

COMPONENT MAINTENANCE MANUAL

TEMPORARY REVISION AND SERVICE BULLETIN RECORD

BOEING SERVICE BULLETIN	BOEING TEMPORARY REVISION	OTHER DIRECTIVE	DATE OF INCORPORATION INTO MANUAL
		PRR 33180-44	DEC 05/89
		PRR 34103-1	DEC 05/89

All revisions to this manual will be accompanied by transmittal sheet bearing the revision number. Enter the revision number in numerical order, together with the revision date, the date filed and the initials of the person filing.

Revision		Filed		Revision		Filed	
Number	Date	Date	Initials	Number	Date	Date	Initials

Revision		Filed		Revision		Filed	
Number	Date	Date	Initials	Number	Date	Date	Initials

BOEING®

COMPONENT MAINTENANCE MANUAL

All temporary revisions to this manual will be accompanied by a cover sheet bearing the temporary revision number. Enter the temporary revision number in numerical order, together with the temporary revision date, the date the temporary revision is inserted and the initials of the person filing.
When the temporary revision is incorporated or cancelled, and the pages are removed, enter the date the pages are removed and the initials of the person who removed the temporary revision.

Temporary Revision		Inserted		Removed	
Number	Date	Date	Initials	Date	Initials

Temporary Revision		Inserted		Removed	
Date	Initials	Number	Date	Date	Initials

Temporary Revision		Inserted		Removed	
Number	Date	Date	Initials	Date	Initials

Temporary Revision		Inserted		Removed	
Date	Initials	Number	Date	Date	Initials

INTRODUCTION

1. General

A. The instructions in this manual supply the data necessary to do the maintenance functions together with the test, fault isolation, repair, and replacement of the defective parts.

B. This manual is divided into different parts:

(1) Title Page

(2) Transmittal Letter

(3) Highlights

(4) List of Effective Pages

(5) Table of Contents

(6) Temporary Revision & Service Bulletin Record

(7) Record of Revisions

(8) Record of Temporary Revisions

(9) Introduction

(10) Procedures & IPL Sections

C. Components that can be repaired have a different repair number for each specified repair. To find the repair number location of a component, look in the Repair-General procedure at the beginning of the REPAIR section. The Repair-General procedure also has an explanation of the True Position Dimension symbols used.

D. All dimensions, measures, quantities and weights included are in English units. When metric equivalents are given they will be in the parentheses that follow the English units.

E. The introduction to the Illustrated Parts List (IPL) shows how the IPL data is used.

F. Design changes, optional parts, configuration differences and Service Bulletin modifications may cause different part numbers. These part numbers are identified in the IPL with an alphabetical letter which is added to the end of the basic item number. This new item number is referred to as an alpha-variant. Throughout the manual, IPL basic item number references also apply to alpha-variants unless shown differently.

G. The tool reference numbers found in the individual procedures and in the Special Tools, Fixtures, and Equipment section are used to identify if a tool is a standard tool (STD-XXXX), a commercial tool (COM-XXXX), or a Special Tool (SPL-XXXX). This reference number is also used to distinguish between tools with similar names in the same procedure. These reference numbers are for use in the documentation only. They are not to be used for ordering tools.

MLG-MANUAL-EXTENSION-UPLOCK-RELEASE-MECHANISM ASSEMBLY - DESCRIPTION AND OPERATION

1. Description

A. The MLG-manual-extension-uplock-release-mechanism assembly consists of a crank and quadrant assembly and a support. These parts are made from aluminum alloy material. The crank and quadrant assembly is attached to the support and can be rotated.

2. Leading Particulars (approximate)

A. Length – 5.0 inches

B. Width – 3.0 inches

C. Height – 6.0 inches

(NOT APPLICABLE)

(NOT APPLICABLE)

(NOT APPLICABLE)

CHECK

1. General

A. This procedure has the data necessary to find defects in the material of the specified parts.

B. Refer to the Standard Overhaul Practices Manual (SOPM) for SOPM identified in this procedure.

C. Refer to IPL Figure 1 for item numbers.

2. Check

A. References

Reference	Title
SOPM 20-20-02	PENETRANT METHODS OF INSPECTION

B. Procedure

(1) Use standard industry procedures to do a visual check of all the parts for defects.

(2) Do a penetrant check of this part as shown in (SOPM 20-20-02).

(a) Crank and quadrant (50)

(b) Support (60)

REPAIR

1. **Content**

   A. Repair, refinish and replacement procedures are divided as follows:

Table 601:

P/N	NAME	REPAIR
65C27530	CRANK AND QUADRANT ASSEMBLY	1-1
–	MISCELLANEOUS PARTS REFINISH	2-1

2. **Standard Practices**

   A. Refer to these standard practices for details of the procedures in the repairs.
   - 20-30-02 Stripping of Protective Finishes
   - 20-30-03 General Cleaning Procedure
   - 20-41-01 Decoding Table for Boeing Finish Codes
   - 20-41-02 Application of Chemical and Solvent Resistant Finishes
   - 20-50-03 Bearing Removal, Installation and Retention
   - 20-60-02 Finishing Materials

3. **Materials**

   NOTE: Equivalent substitutes can be used.

   A. Primer – primer, C00259

   B. Enamel - coating, C00260

4. **Dimensioning Symbols**

   A. Standard True Position Dimensioning Symbols used in the applicable repair procedures are shown in REPAIR-GENERAL, Figure 601.

—	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)
Ø	DIAMETER
S Ø	SPHERICAL DIAMETER
R	RADIUS
SR	SPHERICAL RADIUS
()	REFERENCE
BASIC (BSC) OR [DIM]	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.
[-A-]	DATUM
Ⓜ	MAXIMUM MATERIAL CONDITION (MMC)
Ⓛ	LEAST MATERIAL CONDITION (LMC)
Ⓢ	REGARDLESS OF FEATURE SIZE (RFS)
Ⓟ	PROJECTED TOLERANCE ZONE
FIM	FULL INDICATOR MOVEMENT
TIR	TOTAL INDICATOR READING

EXAMPLES

[— | 0.002]	STRAIGHT WITHIN 0.002
[⊥ | 0.002 | B]	PERPENDICULAR TO B WITHIN 0.002
[// | 0.002 | A]	PARALLEL TO A WITHIN 0.002
[○ | 0.002]	ROUND WITHIN 0.002
[⌭ | 0.010]	CYLINDRICAL SURFACE MUST LIE BETWEEN TWO CONCENTRIC CYLINDERS, ONE OF WHICH HAS A RADIUS 0.010 INCH GREATER THAN THE OTHER
[⌒ | 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
[⌓ | 0.020 | A]	SURFACES MUST LIE WITHIN PARALLEL BOUNDARIES 0.02 INCH APART AND EQUALLY DISPOSED ABOUT TRUE PROFILE
[◎ Ø 0.0005 | C]	CONCENTRIC TO C WITHIN 0.0005 DIAMETER
[⌯ | 0.010 | A]	SYMMETRICAL WITH A WITHIN 0.010
[∠ | 0.005 | A]	ANGULAR TOLERANCE 0.005 WITH A
[⌖ Ø 0.002 Ⓢ | B]	LOCATED AT TRUE POSITION WITHIN 0.002 DIA RELATIVE TO DATUM B, REGARDLESS OF FEATURE SIZE
[⊥ Ø 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
[2.000] OR 2.000 BSC	THEORETICALLY EXACT DIMENSION IS 2.000

NOTE: DATUM MAY APPEAR AT EITHER SIDE OF TOLERANCE FRAME [0.020 | A] [A | 0.020]

True Position Dimensioning Symbols
Figure 601

BOEING®

COMPONENT MAINTENANCE MANUAL

CRANK AND QUADRANT ASSEMBLY - REPAIR 1-1

65C27530thru–1, –2, –7, –10

1. General

A. This procedure has the data necessary to repair the crank and quadrant assembly.

B. Refer to the Standard Overhaul Practices Manual (SOPM) for the SOPM subjects identified in this procedure.

C. Refer to the REPAIR-GENERAL, Figure 601 for the Standard True Position Dimensioning Symbols shown in the repair.

D. Refer to IPL Figure 1 for item numbers.

2. Bearing Replacement (REPAIR 1-1, Figure 601)

A. References

Reference	Title
SOPM 20-50-03	BEARING AND BUSHING REPLACEMENT

B. Procedure

NOTE: For repair of surfaces which is only replacement of the initial finish, refer to Refinish instructions REPAIR 1-1, Paragraph 3. and REPAIR 1-1, Figure 601.

(1) Remove bearings (45).

(2) Install and roller swage new bearing (45) per SOPM 20-50-03.

3. Refinish

A. Consumable Materials

NOTE: Equivalent substitutes may be used.

Reference	Description	Specification
C00259	Primer - Chemical And Solvent Resistant Finish, Epoxy Resin	BMS10-11, Type I

B. References

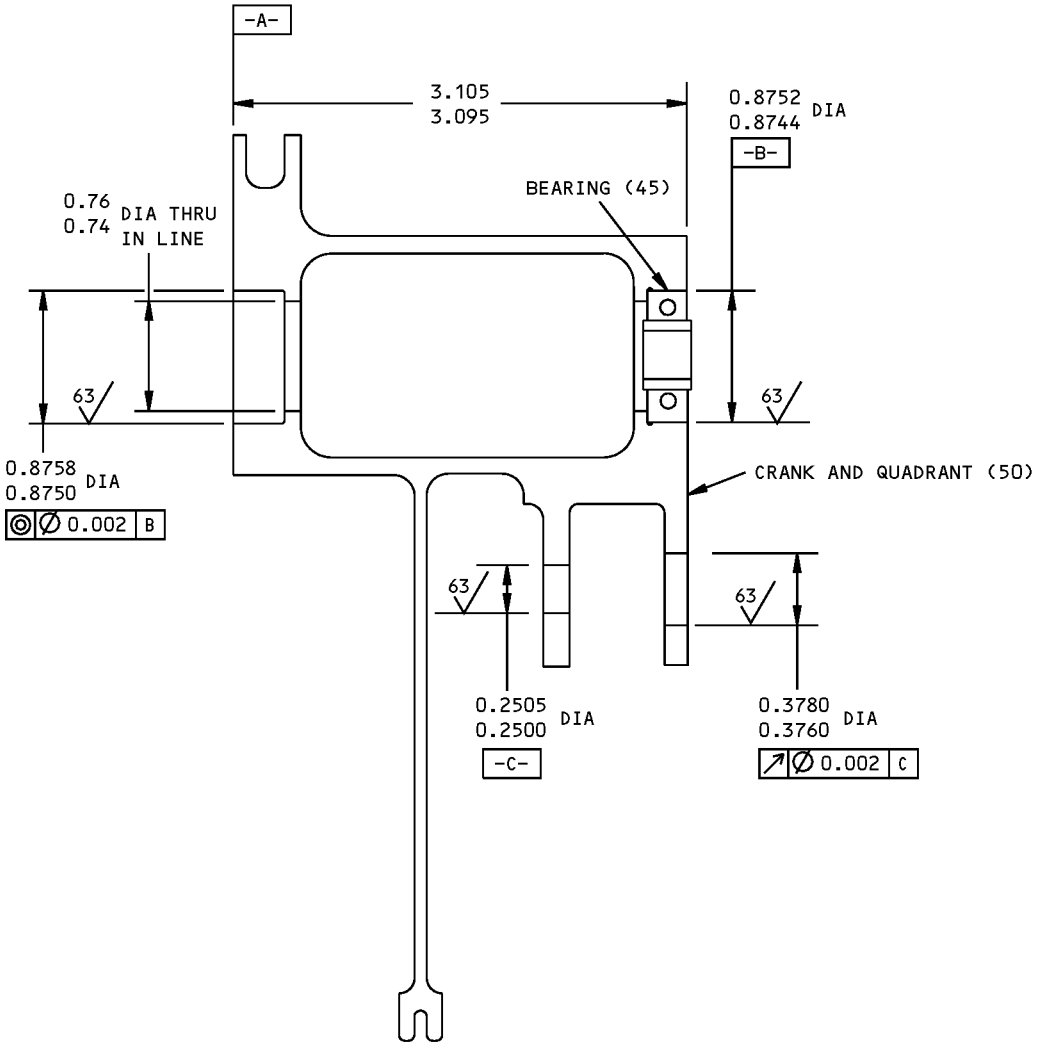
Reference	Title
SOPM 20-30-02	STRIPPING OF PROTECTIVE FINISHES
SOPM 20-30-03	GENERAL CLEANING PROCEDURES
SOPM 20-41-01	DECODING TABLE FOR BOEING FINISH CODES
SOPM 20-60-02	FINISHING MATERIALS

C. Procedure

NOTE: For stripping of protective finishes, refer to SOPM 20-30-02. For general cleaning procedure, refer to SOPM 20-30-03. For decoding table for Boeing finish codes, refer to SOPM 20-41-01. For finishing materials, refer to SOPM 20-60-02.

(1) Anodize (F-17.05) all over.

(2) Apply primer, C00259 (F-20.02), except do not apply primer, C00259 in the holes.



REFINISH

ANODIZE (F-17.05) ALL OVER.
APPLY BMS 10-11, TYPE 1 PRIMER (F-20.02), BUT NOT IN HOLES.

REFINISH

(SAME AS REFINISH)

125 ALL MACHINED SURFACES UNLESS SHOWN DIFFERENTLY

MATERIAL: AL ALLOY

ITEM NUMBERS REFER TO IPL FIG. 1

ALL DIMENSIONS ARE IN INCHES

65C27530-1,-2,-7 THRU -10 Crank and Quadrant Assembly Repair and Refinish
Figure 601

MISCELLANEOUS PARTS REFINISH - REPAIR 2-1

1. General

A. This procedure has the data necessary to refinish the parts, which are not given in the specific repairs.

B. Refer to the Standard Overhaul Practices Manual (SOPM) for the SOPM subjects identified in this procedure.

C. Refer to IPL Figure 1 for the item numbers.

2. Refinish

A. Consumable Materials

NOTE: Equivalent substitutes may be used.

Reference	Description	Specification
C00259	Primer - Chemical And Solvent Resistant Finish, Epoxy Resin	BMS10-11, Type I
C50069	Coating - Enamel, Color 702 Gloss White	BMS10-11, Type II

B. References

Reference	Title
SOPM 20-30-02	STRIPPING OF PROTECTIVE FINISHES
SOPM 20-30-03	GENERAL CLEANING PROCEDURES
SOPM 20-41-01	DECODING TABLE FOR BOEING FINISH CODES
SOPM 20-60-02	FINISHING MATERIALS

C. Procedure

NOTE: For stripping of protective finishes, refer to SOPM 20-30-02. For general cleaning procedures, refer to SOPM 20-30-03. For the decoding table for Boeing finish codes, refer to SOPM 20-41-01. For finishing materials, refer to SOPM 20-60-02.

(1) Instructions given in REPAIR 2-1, Table 601 are to repair the finishes of the items.

Table 601: Refinish Details

IPL FIG. & ITEM	MATERIAL	FINISH
Fig. 1		
Support (60) (65-67846-9,-10)	Al alloy	Anodize (F-17.05) all over. Apply primer, C00259 (F-20.02), but not in holes.
Support (60) (65-67846-11,-12)	Al alloy	Anodize and apply primer, C00259 (F-20.02) and enamel coating, C50069 (F-21.03), but no primer, C00259 or enamel coating, C50069 in holes.

(NOT APPLICABLE)

COMPONENT MAINTENANCE MANUAL

FITS AND CLEARANCES

(NOT APPLICABLE)

(NOT APPLICABLE)

ILLUSTRATED PARTS LIST

1. Introduction

A. The Illustrated Parts List (IPL) contains an illustration and a list of component parts you can repair or replace. The Illustrated Parts Catalog (IPC) shows how to use the Boeing part number system.

B. This shows how parts are related: The relation of each item to its next higher assembly (NHA) is shown in the NOMENCLATURE column. Use the indenture system that follows:

1 2 3 4 5 6 7

. Assembly

. Attaching parts for assembly

. . Detail parts for assembly

. . Subassembly

. . Attaching parts for subassembly

. . . Detail parts for subassembly

. . . Sub-subassembly

. . . Attaching parts for subassembly

. . . . . Details parts for sub-subassembly

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

C. Each top assembly is given one use code letter (A, B, C, etc.) in the USAGE CODE column. All subsequent component parts in the list can have one or more of the use code letters to show effectivity to top assemblies. A component part without a use code applies to all top assemblies.

D. An alphabetical letter is added after the item number for optional parts, parts changed by a Service Bulletin, configuration differences (except left-handed and right-handed parts), last engineering releases, and parts added between item numbers in a sequence. The alphabetical letter will not be shown on the illustration for equivalent parts of the same part number.

E. Color-coded parts are identified with a single digit alpha following the dash number or with ''SP'' suffix. If the ''SP'' suffix is used, it represents consolidation of all color codes applicable for a given usage which are not separately listed. Orders for color-coded parts should include the registry number of the airplane for which the parts are ordered.

F. If a part number is 15 characters long but will not fit in the part number column, the part number will be displayed with a ''~'' at the end of the line and will be continued on the next line. The ''~'' denotes that the part number continues on the next line.

G. Parts changed by a Service Bulletin are shown by PRE SB XXXX and POST SB XXXX added to the NOMENCLATURE column.

(1) When a new top assembly is added by a Service Bulletin, PRE SB XXXX and POST SB XXXX will be added at the top assembly level only. The configuration differences at the detail part level are shown by use code letters.

(2) When the top assembly part number is not changed by the Service Bulletin, PRE SB XXXX and POST SB XXXX will be added at the detail level.

H. Interchangeable Parts

Optional (OPT)	The part is optional to and interchangeable with other parts that have the same item number.
Replaces, Replaced by and not interchangeable with (REPLACES, REPLACED BY AND NOT INTCHG/W)	The part replaces and is not interchangeable with the initial part.
Replaces, Replaced by (REPLACES, REPLACED BY)	The part replaces and is interchangeable with, or is an alternative to, the initial part.

VENDOR CODES

Code	Name
06710	LAMSON AND SESSIONS CO THE VALLEY-TODECO 12975 BRADLEY AVENUE SYLMAR, CALIFORNIA 91342-3830 FORMERLY VALLEY BOLT CORP VB0097 IN NORTH HOLLYWOOD, CA
10630	ANILLO INDUSTRIES, INCORPORATED 2090 NORTH GLASSELL ORANGE, CALIFORNIA 92667 FORMERLY WESTERN WASHER DIV OF SENG CO V87487
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
15653	ALCOA GLOBAL FASTENERS INC DIV KAYNAR PRODUCTS 800 S STATE COLLEGE BLVD FULLERTON, CALIFORNIA 92831-3001 FORMERLY VK6405 MICRODOT AEROSP LTD; FORMERLY KAYNAR TECH FORMERLY FAIRCHILD FASTENERS KAYNAR DIV
21335	TIMKEN US CORPORATION DIV FAFNIR 336 MECHANIC STREET LEBANON, NH 03766-0267 FORMERLY FAFNIR BRG AND TEXTRON INC FAFNIR DIV IN NEW BRITAIN, CONNECTICUT ; FORMERLY TORRINGTON CO THE SPECIAL PRODUCTS DIV SUB OF THE INGERSOLL-RAND CO V8D210 FORMERLY TORRINGTON CO FAFNIR BEARING DIV IN TORRINGTON, CT

Code	Name
27238	BRISTOL INDUSTRIES 630 EAST LAMBERT ROAD PO BOX 630 BREA, CALIFORNIA 92621-4119
30163	VALENTEC DAYRON INC 333 MAGUIRE BLVD PO BOX 140394 ORLANDO, FLORIDA 32814-0394
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
43991	FAG BEARING INCORPORATED 118 HAMILTON AVENUE STAMFORD, CONNECTICUT 06904 FORMERLY NORMA-HOFFMAN BEARING CORPORATION FORMERLY NORMA FAG BEARINGS CORPORATION
56878	SPS TECHNOLOGIES INC AEROSPACE AND INDUSTRIAL PRODUCTS DIV 301 HIGHLAND AVE JENKINTOWN, PENNSYLVANIA 19046 FORMERLY STANDARD PRESSED STEEL FORMERLY IN SALT LAKE, UTAH
62554	SIMMONDS MECAERO FASTENERS INC 1734 SEQUOIA AVENUE ORANGE, CALIFORNIA 92668
72962	HARVARD INDUSTRIES INC 3 WERNER WAY SUITE 210 LEBANON, NEW JERSEY 08833 FORMERLY ESNA V7A079 FORMERLY ELASTIC STOP NUT IN UNION, NJ

Code	Name
83086	NEW HAMPSHIRE BALL BEARING, INC HITECH DIVISION 172 JAFFREY ROAD PETERBOROUGH, NEW HAMPSHIRE 03458
97928	Replaced: [V97928] SEE V17446 HUCK INTL by Code: Name and Address below 17446: HUCK INTL INC AEROSPACE FASTENER DIV 900 WATSON CENTER ROAD CARSON, CALIFORNIA 90745-4201 FORMERLY V32134 REXNORD INC; FORMERLY V97928 HUCK INTL
K8455	RHP BEARINGS PLC RHP AEROSPACE OLDENDS LANE STONEHOUSE GL10 3RM UK

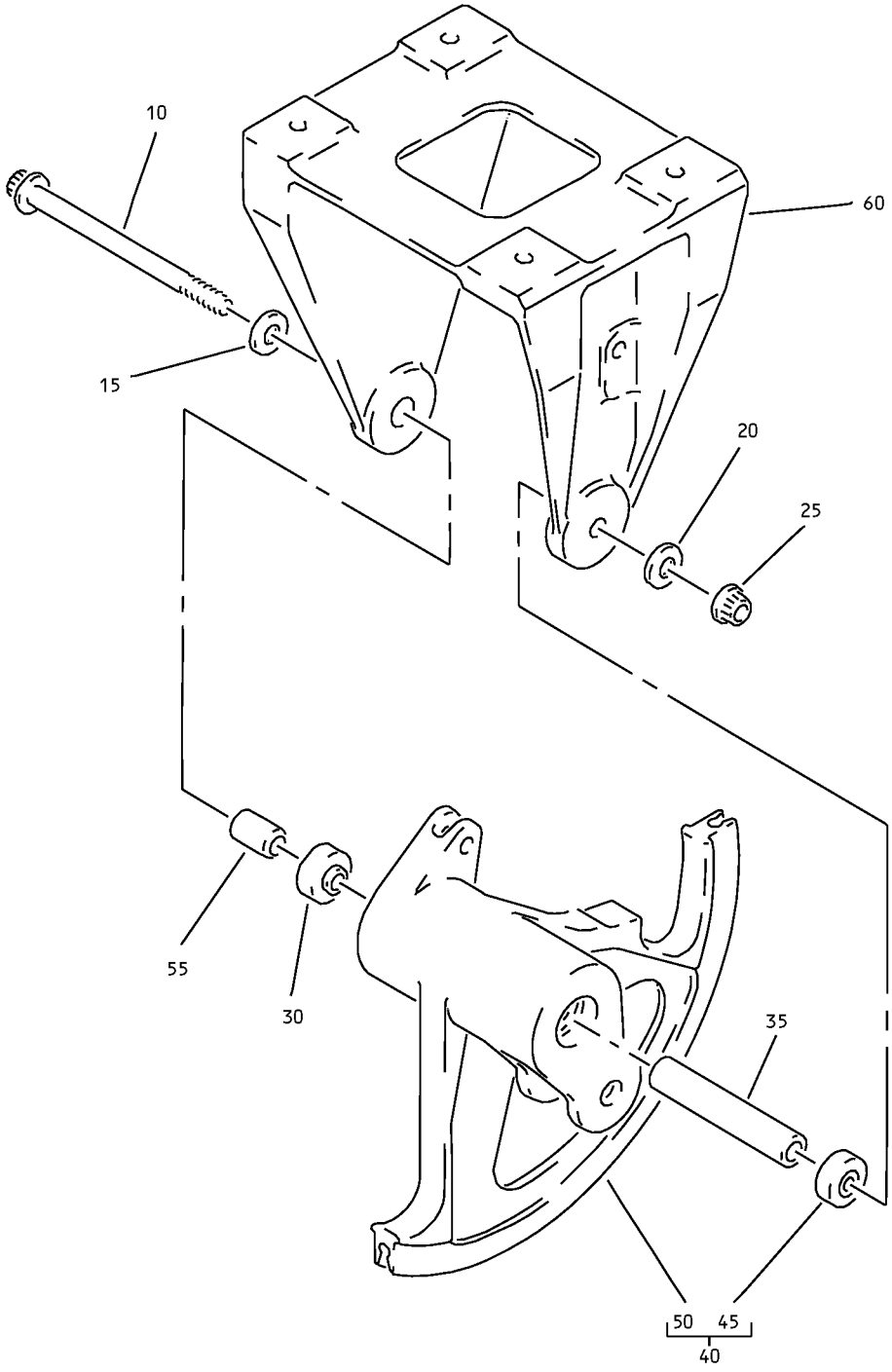
NUMERICAL INDEX

PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
102LH9031-6		1	25D	1
102LH90316		1	25D	1
65-67846-10		1	60A	1
65-67846-11		1	60B	1
65-67846-12		1	60C	1
65-67846-9		1	60	1
65-67905-17		1	1	RF
65-67905-18		1	5	RF
65-67905-21		1	1A	RF
65-67905-22		1	5A	RF
65-67905-23		1	1B	RF
65-67905-24		1	5B	RF
65-67905-25		1	1C	RF
65-67905-26		1	5C	RF
65-67905-27		1	1D	RF
65-67905-28		1	5D	RF
65C27530-1		1	40	1
65C27530-10		1	40E	1
65C27530-11		1	50B	1
65C27530-12		1	50C	1
65C27530-2		1	40A	1
65C27530-3		1	50	1
65C27530-4		1	50A	1
65C27530-7		1	40B	1
65C27530-8		1	40C	1
65C27530-9		1	40D	1
67832-624		1	25	1
		1	25A	1
678326		1	25	1
		1	25A	1
678326CD		1	25D	1
67832CD6		1	25D	1
67832CD624		1	25D	1
BACB10BX6		1	30	1

PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
		1	45	1
BACB10FS6		1	30A	1
		1	45A	1
BACB30LJ6-68		1	10D	1
BACB30MT6-66		1	10	1
BACB30NF6-68		1	10C	1
BACB30US6K66		1	10A	1
BACB30US6K68		1	10B	1
BACN10HR6		1	25	1
		1	25A	1
BACN10HR6CD		1	25D	1
BACN10YR6CD		1	25B	1
		1	25E	1
BACW10BP6AC		1	15	1
		1	15	1
BACW10BP6AP		1	20	1
		1	20	1
BH00302-6		1	25	1
		1	25A	1
BH003026		1	25	1
		1	25A	1
BH003026CD		1	25D	1
BH00303CM6		1	25D	1
		1	25D	1
BMN10HRCWD3-6		1	25D	1
BMN5024CWD3-6		1	25D	1
BMN5024CWD36		1	25D	1
BMNN10HR6		1	25	1
		1	25	1
		1	25A	1
		1	25A	1
BMNN10HR6CD		1	25D	1
CR59066		1	25	1
		1	25A	1
CR59066CD		1	25D	1

PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
CR60306		1	25D	1
CS206E		1	30	1
		1	45	1
H51560		1	25D	1
H51560-6		1	25D	1
H52732-6CD		1	25B	1
		1	25E	1
H96-6		1	25	1
		1	25A	1
H966		1	25	1
		1	25A	1
H966CD		1	25D	1
KP6A		1	30	1
		1	45	1
KP6A2TS		1	30	1
		1	45	1
KP6AFS428		1	30	1
		1	45	1
KP6AG27		1	30	1
		1	45	1
KP6BLY196		1	30	1
		1	45	1
KP6BSD610		1	30	1
		1	45	1
LLKP6A		1	30	1
		1	45	1
NAS1805-6L		1	25C	1
NAS1805-6LK		1	25F	1
NAS43DD6-164		1	35	1
NAS6706-68		1	10E	1
NAS73-6E010		1	55	1
PACMKP6AA3908		1	30A	1
		1	45A	1
PLH56CD		1	25B	1
		1	25E	1

PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
RMLH22		1	25D	1
RMLH22-6		1	25	1
		1	25A	1
RMLH226		1	25	1
		1	25A	1
SL7058S624		1	25	1
		1	25A	1
SL7108C6		1	25D	1
SL7108C624		1	25D	1
SSMKP6ASD705		1	30A	1
		1	45A	1
VAL280096		1	25	1
		1	25A	1
VAL280096CD		1	25D	1
VCU0005D		1	25D	1



MLG Manual Extension Uplock Release Mechanism Assembly
IPL Figure 1

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY
1–					
–1	65-67905-17		MECHANISM ASSY-MLG MANUAL EXTENSION UPLOCK RELEASE	A	RF
–1A	65-67905-21		MECHANISM ASSY-MLG MANUAL EXTENSION UPLOCK RELEASE	C	RF
–1B	65-67905-23		MECHANISM ASSY-MLG MANUAL EXTENSION UPLOCK RELEASE	E	RF
–1C	65-67905-25		MECHANISM ASSY-MLG MANUAL EXTENSION UPLOCK RELEASE	G	RF
–1D	65-67905-27		MECHANISM ASSY-MLG MANUAL EXTENSION UPLOCK RELEASE	J	RF
–5	65-67905-18		MECHANISM ASSY-MLG MANUAL EXTENSION UPLOCK RELEASE	B	RF
–5A	65-67905-22		MECHANISM ASSY-MLG MANUAL EXTENSION UPLOCK RELEASE	D	RF
–5B	65-67905-24		MECHANISM ASSY-MLG MANUAL EXTENSION UPLOCK RELEASE	F	RF
–5C	65-67905-26		MECHANISM ASSY-MLG MANUAL EXTENSION UPLOCK RELEASE	H	RF
–5D	65-67905-28		MECHANISM ASSY-MLG MANUAL EXTENSION UPLOCK RELEASE	K	RF
10	BACB30MT6-66		. BOLT	A, B	1
–10A	BACB30US6K66		. BOLT	C, D	1
–10B	BACB30US6K68		. BOLT (OPT ITEM 10C, 10D, 10E)	E-K	1
–10C	BACB30NF6-68		. BOLT (OPT ITEM 10B, 10D, 10E)	E-K	1
–10D	BACB30LJ6-68		. BOLT (OPT ITEM 10B, 10C, 10E)	E-K	1
–10E	NAS6706-68		. BOLT (OPT ITEM 10B, 10C, 10D)	E-K	1
15	BACW10BP6AC		. WASHER (V10630) (SPEC BACW10BP6AC)		1
20	BACW10BP6AP		. WASHER (V10630) (SPEC BACW10BP6AP)		1

–Item not Illustrated

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY
1–					
25	BH003026		. NUT (V27238) (SPEC BACN10HR6) (OPT BMNN10HR6 (V97928)) (OPT CR59066 (V62554)) (OPT H966 (V15653)) (OPT RMLH226 (V72962)) (OPT VAL280096 (V06710)) (OPT 678326 (V56878)) (OPT H96-6 (V15653)) (OPT RMLH22-6 (V72962)) (OPT SL7058S624 (V11815)) (OPT 67832-624 (V56878)) (OPT BMNN10HR6 (V97928)) (OPT BH00302-6 (V27238))	A-H	1
–25A	BH003026		. NUT (V27238) (SPEC BACN10HR6) (OPT BMNN10HR6 (V97928)) (OPT CR59066 (V62554)) (OPT H966 (V15653)) (OPT RMLH226 (V72962)) (OPT VAL280096 (V06710)) (OPT 678326 (V56878)) (OPT H96-6 (V15653)) (OPT RMLH22-6 (V72962)) (OPT SL7058S624 (V11815)) (OPT 67832-624 (V56878)) (OPT BMNN10HR6 (V97928)) (OPT BH00302-6 (V27238)) (OPT ITEM 25B, 25C)	E-H	1
–25B	H52732-6CD		. NUT (V15653) (SPEC BACN10YR6CD) (OPT PLH56CD (V62554)) (OPT ITEM 25A, 25C)	E-H	1
–25C	NAS1805-6L		. NUT (OPT ITEM 25A, 25B)	E-H	1

–Item not Illustrated

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY
1–					
–25D	H51560-6		. NUT (V15653) (SPEC BACN10HR6CD) (OPT 67832CD624 (V56878)) (OPT BMN5024CWD3-6 (V97928)) (OPT 102LH9031-6 (V72962)) (OPT BH00303CM6 (V27238)) (OPT SL7108C624 (V11815)) (OPT BH00303CM6 (V27238)) (OPT BMN5024CWD36 (V97928)) (OPT CR60306 (V62554)) (OPT H51560 (V15653)) (OPT SL7108C6 (V11815)) (OPT VCU0005D (V06710)) (OPT 102LH90316 (V72962)) (OPT 67832CD6 (V56878)) (OPT BH003026CD (V27238)) (OPT BMNN10HR6CD (V97928)) (OPT CR59066CD (V62554)) (OPT H966CD (V15653)) (OPT RMLH22 (V72962)) (OPT VAL280096CD (V06710)) (OPT 678326CD (V56878)) (OPT BMN10HRCWD3-6 (V97928)) (OPT ITEM 25E, 25F)	J, K	1
–25E	H52732-6CD		. NUT (V15653) (SPEC BACN10YR6CD) (OPT PLH56CD (V62554)) (OPT ITEM 25D, 25F)	J, K	1
–25F	NAS1805-6LK		. NUT (OPT ITEM 25D, 25E)	J, K	1
30	KP6AFS428		. BEARING (V21335) (SPEC BACB10BX6) (OPT KP6A2TS (V43991)) (OPT LLKP6A (V38443)) (OPT KP6AG27 (V30163)) (OPT KP6A (V38443)) (OPT KP6BLY196 (V40920)) (OPT KP6BSD610 (V83086)) (OPT CS206E (VK8455))	A-F	1

–Item not Illustrated

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY
1–					
–30A	PACMKP6AA3908		. BEARING (V21335) (SPEC BACB10FS6) (OPT SSMKP6ASD705 (V83086))	G, H, J, K	1
35	NAS43DD6-164		. SPACER		1
40	65C27530-1		. CRANK AND QUADRANT ASSY	A, C, E	1
–40A	65C27530-2		. CRANK AND QUADRANT ASSY	B, D, F	1
–40B	65C27530-7		. CRANK AND QUADRANT ASSY	G	1
–40C	65C27530-8		. CRANK AND QUADRANT ASSY	H	1
–40D	65C27530-9		. CRANK AND QUADRANT ASSY	J	1
–40E	65C27530-10		. CRANK AND QUADRANT ASSY	K	1
45	KP6AFS428		. . BEARING (V21335) (SPEC BACB10BX6) (OPT KP6A2TS (V43991)) (OPT LLKP6A (V38443)) (OPT KP6AG27 (V30163)) (OPT KP6A (V38443)) (OPT KP6BLY196 (V40920)) (OPT KP6BSD610 (V83086)) (OPT CS206E (VK8455)) (USED ON ITEMS 40, 40A)		1
–45A	PACMKP6AA3908		. . BEARING (V21335) (SPEC BACB10FS6) (OPT SSMKP6ASD705 (V83086)) (USED ON ITEMS 40B THRU 40E)		1
50	65C27530-3		. . CRANK AND QUADRANT (USED ON ITEMS 40, 40B)		1
–50A	65C27530-4		. . CRANK AND QUADRANT (USED ON ITEMS 40A, 40C)		1
–50B	65C27530-11		. . CRANK AND QUADRANT (USED ON ITEM 40D)		1
–50C	65C27530-12		. . CRANK AND QUADRANT (USED ON ITEM 40E)		1
55	NAS73-6E010		. BUSHING		1
60	65-67846-9		. SUPPORT	A, C	1
–60A	65-67846-10		. SUPPORT	B, D	1
–60B	65-67846-11		. SUPPORT	E, G, J	1

–Item not Illustrated

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY
1–					
–60C	65-67846-12		. SUPPORT	F, H, K	1

–Item not Illustrated