

 **BOEING**  
COMPONENT  
MAINTENANCE MANUAL

TO: ALL HOLDERS OF MAIN GEAR ALTERNATE EXTEND UPLOCK RELEASE LOCKOUT ASSEMBLY  
COMPONENT MAINTENANCE MANUAL 32-35-81

REVISION NO. 6 DATED OCT 01/88

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.

TR & SB RECORD

1

1007

DESCRIPTION OF CHANGE

Identified parts changed per SB 32-63.

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HIGHLIGHTS

01.1

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# MAIN GEAR ALTERNATE EXTEND UPLOCK RELEASE LOCKOUT ASSEMBLY

PART NUMBER 257T3406-3,-4,-7,-8

COMPONENT MAINTENANCE MANUAL  
WITH  
ILLUSTRATED PARTS LIST

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TITLE PAGE

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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 |
|-----------------|---------------|------------|----|-----------------|---------------|------------|----|
|                 |               |            |    |                 |               |            |    |



## TEMPORARY REVISION AND SERVICE BULLETIN RECORD

| BOEING<br>SERVICE<br>BULLETIN | BOEING<br>TEMPORARY<br>REVISION | OTHER<br>DIRECTIVE | DATE OF<br>INCORPORATION<br>INTO MANUAL |
|-------------------------------|---------------------------------|--------------------|---|
| 32-63                         |                                 | PRR B11725         | OCT 01/88                               |

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TR & SB RECORD

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| PAGE                    | DATE      | CODE | PAGE                   | DATE      | CODE   |
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| 32-35-81                |           |      | REPAIR 1-1             |           |        |
|                         |           |      | 601                    | JUL 10/83 | 01     |
|                         |           |      | 602                    | JUL 10/83 | 01     |
| TITLE PAGE              |           |      | REPAIR 2-1             |           |        |
| 1                       | JAN 01/88 | 01.1 | 601                    | JUL 10/83 | 01     |
| 2                       | BLANK     |      | 602                    | BLANK     |        |
| REVISION RECORD         |           |      | ASSEMBLY               |           |        |
| 1                       | JUL 10/83 | 01   | 701                    | JAN 01/88 | 01.1   |
| 2                       | BLANK     |      | 702                    | BLANK     |        |
| TR & SB RECORD          |           |      | FITS AND CLEARANCES    |           |        |
| *1                      | OCT 01/88 | 01.1 | 801                    | JUL 10/83 | 01     |
| 2                       | BLANK     |      | 802                    | JUL 10/83 | 01     |
| LIST OF EFFECTIVE PAGES |           |      | ILLUSTRATED PARTS LIST |           |        |
| *1                      | OCT 01/88 | 01   | 1001                   | JUL 10/83 | 01     |
| THRU LAST PAGE          |           |      | 1002                   | APR 10/84 | 01.1   |
| CONTENTS                |           |      | 1003                   | JAN 01/88 | 01.1   |
| 1                       | JUL 10/83 | 01   | 1004                   | BLANK     |        |
| 2                       | BLANK     |      | 1005                   | APR 10/84 | 01.1   |
| INTRODUCTION            |           |      | 1006                   | JUL 10/83 | 01.1   |
| 1                       | JAN 01/88 | 01.1 | *1007                  | OCT 01/88 | 01.1   |
| 2                       | BLANK     |      | *1008                  | OCT 01/88 | 01.101 |
| DESCRIPTION & OPERATION |           |      | *1009                  | OCT 01/88 | 01.101 |
| 1                       | JAN 01/88 | 01.1 | *1010                  | OCT 01/88 | 01.101 |
| 2                       | BLANK     |      | *1011                  | OCT 01/88 | 01.101 |
| DISASSEMBLY             |           |      | *1012                  | BLANK     |        |
| 301                     | JAN 01/88 | 01.1 |                        |           |        |
| 302                     | BLANK     |      |                        |           |        |
| CHECK                   |           |      |                        |           |        |
| 501                     | JUL 10/83 | 01   |                        |           |        |
| 502                     | BLANK     |      |                        |           |        |
| REPAIR-GENERAL          |           |      |                        |           |        |
| 601                     | JAN 01/88 | 01.1 |                        |           |        |
| 602                     | JAN 01/88 | 01.1 |                        |           |        |

\* = REVISED, ADDED OR DELETED

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\* [1] Special instructions not required. Use standard industry practices and information contained in 20-30-03.

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## 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 &<br>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 -- Sep 10/82  
Assembly -- Sep 10/82

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INTRODUCTION

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MAIN GEAR ALTERNATE EXTEND UPLOCK RELEASE LOCKOUT ASSEMBLY

DESCRIPTION AND OPERATION

1. The main gear alternate extend uplock release lockout assembly consists of lockout pawl and actuator mounted on a bracket. When the main gear ground door release is operated, the pawl engages a lockout detent which prevents accidental door closure. Application of hydraulic power to the actuator lifts the pawl and allows the door to be closed.

2. Leading Particulars (approximate)

Length -- 8 inches

Width -- 5 inches

Height -- 5 inches

Weight -- 2 pounds

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DISASSEMBLY

NOTE: Disassemble this component only as necessary to complete fault isolation, determine the serviceability of parts, perform required repairs and restore the unit to serviceable condition.

1. Parts Replacement (IPL Fig. 1)

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

A. Cotter pin (45)

2. Disassembly (Ref IPL Fig. 1)

A. Remove springs (60).

B. Remove parts (75 thru 100) and separate pawl (105) from bracket (130). Do not remove bearing (115) from pawl (120) unless repair or replacement is necessary.

C. Remove parts (45 thru 55) and bushings (65, 70) from pawl and bracket.

D. Remove parts (30 thru 43) from pawl.

E. Remove parts (15 thru 25) and separate actuator (6) from bracket. Do not disassemble bracket. Refer to 32-32-15 for overhaul of actuator.

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DISASSEMBLY

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CHECK

1. Check all parts for obvious defects in accordance with standard industry practices.
2. Refer to Fits and Clearances for design dimensions and wear limits.
3. Penetrant check per 20-20-02 -- Pawl (120, IPL Fig. 1)

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REPAIR – GENERAL

1. Contents

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

| <u>P/N</u> | <u>NAME</u>         | <u>REPAIR</u> |
|------------|---------------------|---------------|
| 257T3420   | LOCKOUT PAWL        | 1-1           |
| - -        | MISC PARTS REFINISH | 2-1           |

2. Standard Practices

- A. Refer to the following standard practices as applicable, for details of procedures in individual repairs.

|          |  |
|----------|--|
| 20-30-02 | Stripping of Protective Finishes                       |
| 20-30-03 | General Cleaning Procedures                            |
| 20-41-01 | Decoding Table for Boeing Finish Codes                 |
| 20-41-02 | Application of Chemical and Solvent Resistant Finishes |
| 20-43-01 | Chromic Acid Anodizing                                 |
| 20-50-03 | Bearing Installation and Retention                     |

3. Materials

NOTE: Equivalent substitutes may be used.

A. Primer -- BMS 10-11, Type 1 (Ref 20-60-02)

B. Enamel -- BMS 10-11, Type 2, color 702 gloss white (Ref 20-60-02)

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#### 4. Dimensioning Symbols

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

|                   |                                  |                   |   |
|-------------------|----------------------------------|-------------------|---|
| —                 | STRAIGHTNESS                     | $\oplus$          | THEORETICAL EXACT POSITION OF A FEATURE (TRUE POSITION)   |
| $\square$         | FLATNESS                         | $\varnothing$     | DIAMETER  |
| $\perp$           | PERPENDICULARITY (OR SQUARENESS) | BASIC (BSC) OR    | 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. |
| //                | PARALLELISM                      | <b>DIM</b>        |   |
| $\bigcirc$        | ROUNDNESS                        | <b>-A-</b>        | DATUM   |
| $\bigcirc$        | CYLINDRICITY                     | $\textcircled{M}$ | MAXIMUM MATERIAL CONDITION (MMC)  |
| $\frown$          | PROFILE OF A LINE                | $\textcircled{S}$ | REGARDLESS OF FEATURE SIZE (RFS)  |
| $\triangle$       | PROFILE OF A SURFACE             | $\textcircled{P}$ | PROJECTED TOLERANCE ZONE  |
| $\odot$           | CONCENTRICITY                    |                   |   |
| $\equiv$          | SYMMETRY                         |                   |   |
| $\sphericalangle$ | ANGULARITY                       |                   |   |
| $\nearrow$        | RUNOUT                           |                   |   |

#### EXAMPLES

|                                    |   |   |   |
|------------------------------------|---|---|---|
| $\text{—} \quad 0.002$             | STRAIGHT WITHIN 0.002   | $\textcircled{\odot} \text{ C } \varnothing \quad 0.0005$                             | CONCENTRIC TO C WITHIN 0.0005 DIAMETER (FULL INDICATOR MOVEMENT)  |
| $\perp \text{ B } \quad 0.002$     | PERPENDICULAR TO B WITHIN 0.002   | $\equiv \text{ A } \quad 0.010$   | SYMMETRICAL WITH A WITHIN 0.010   |
| $\parallel \text{ A } \quad 0.002$ | PARALLEL TO A WITHIN 0.002  | $\sphericalangle \text{ A } \quad 0.005$  | ANGULAR TOLERANCE 0.005 WITH A  |
| $\bigcirc \quad 0.002$             | ROUND WITHIN 0.002  | $\oplus \text{ B } \varnothing \quad 0.002 \textcircled{S}$                           | LOCATED AT TRUE POSITION WITHIN 0.002 DIA IN RELATION TO DATUM B, REGARDLESS OF FEATURE SIZE  |
| $\bigcirc \quad 0.010$             | CYLINDRICAL SURFACE MUST LIE BETWEEN TWO CONCENTRIC CYLINDERS, ONE OF WHICH HAS A RADIUS 0.010 INCH GREATER THAN THE OTHER                  | $\perp \text{ A } \varnothing \quad 0.010 \textcircled{M}$<br>$0.510 \textcircled{P}$ | AXIS IS TOTALLY WITHIN A CYLINDER OF 0.010-INCH DIAMETER, PERPENDICULAR TO, AND EXTENDING 0.510-INCH ABOVE, DATUM A, MAXIMUM MATERIAL CONDITION |
| $\frown \text{ A } \quad 0.006$    | EACH LINE ELEMENT OF THE SURFACE AT ANY CROSS SECTION MUST LIE BETWEEN TWO PROFILE BOUNDARIES 0.006 INCH APART IN RELATION TO DATUM PLANE A | $2.000$   | EXACT DIMENSION IS 2.000  |
| $\triangle \text{ A } \quad 0.020$ | SURFACES MUST LIE WITHIN PARALLEL BOUNDARIES 0.02 INCH APART AND EQUALLY DISPOSED ABOUT TRUE PROFILE  | OR<br>$2.000$<br>BSC  |   |

True Position Dimensioning Symbols  
Figure 601

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REPAIR-GENERAL

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LOCKOUT PAWL ASSY - REPAIR 1-1

257T3420-7, -8

NOTE: Refer to REPAIR-GEN for list of applicable standard practices. For repair of surfaces which may only require stripping and restoration of original finish, refer to Refinish instruction, Fig. 601.

1. Bearing Replacement (Ref IPL Fig. 1)
  - A. Remove bearing (115).
  - B. Install replacement bearing with wet primer and roller swage in place.

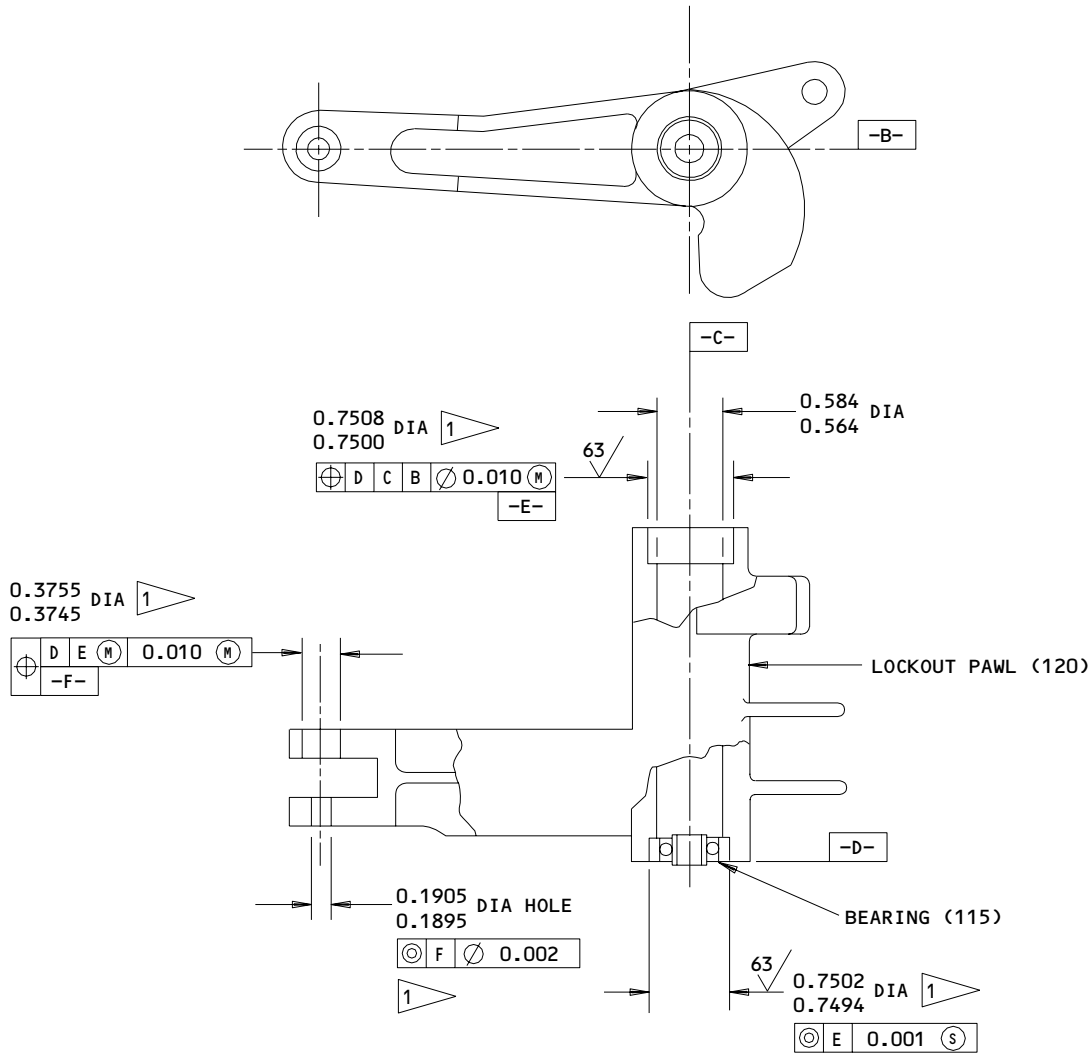
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**REFINISH**

CHROMIC OR SULFURIC ACID ANODIZE (F-17.05) LOCKOUT PAWL (257T3420-9, -10). CHEMICAL TREATMENT (F-17.07) OPTIONAL AS NOTED. APPLY ONE COAT PRIMER (F-20.02) AND ONE COAT ENAMEL (F-21.03) EXCEPT AS NOTED. AFTER BEARING INSTALLATION, MASK BEARING FACE AND OPPOSITE BEARING BORE, THEN TOUCH UP (F-21.12) AS REQUIRED

1 NO PRIMER OR ENAMEL ON THESE SURFACES. ONLY ANODIZE OR CHEMICAL TREAT.

MATERIAL: AL ALLOY

ALL DIMENSIONS ARE IN INCHES

**257T3420-7,-8**

**Lockout Pawl Assy - Bearing Replacement and Refinish**  
**Figure 601**

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REPAIR 1-1

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MISCELLANEOUS PARTS REFINISH – REPAIR 2-1

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

| IPL FIG. & ITEM         | MATERIAL       | FINISH  |
|-------------------------|----------------|---|
| <u>Fig. 1</u>           |                |   |
| Bushing (90)            | Al alloy       | Chromic acid anodize (F-17.04)  |
| Bracket Assy (130, 135) | Al alloy       | Apply yellow epoxy primer (SRF 14.995) to all surfaces of individual parts of assy. Apply one coat of white gloss enamel (F-21.03) to assy. |
| Bracket (250)           | Al alloy       | Apply one coat of BMS 10-11, type 1, primer (F-18.06).  |
| Stop (245)              | Phenolic sheet | Apply one coat of BMS 10-11, type 1, primer (F-20.02).  |
| Stop Assy (220)         |                | Apply one coat of BMS 10-11, type 2, color BAC 702, white gloss, enamel (F-21.03).  |

Refinish Details  
 Figure 601

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REPAIR 2-1

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ASSEMBLY1. Materials

NOTE: Equivalent substitutes may be used.

A. Grease -- BMS 3-24 (Ref 20-60-03)

2. Lubrication (Ref IPL Fig. 1)

A. Install bearings, bushings, and spacers with grease.

B. Install bolt (75), washer (80), and nut (85) with grease on all surfaces.

3. Assembly (Ref IPL Fig. 1)

| A. Install actuator (6) using parts (15 thru 25).

| B. Install bearing (43) on pawl (105) using parts (30 thru 41).

C. Install pins (55), washers (50), and bushings (65, 70) and secure with cotter pins (45).

| D. Insert spacer (100) in pawl then install bearing (95).

NOTE: Bearing inner race will contact spacer before outer race can seat in pawl. Make sure spacer and bearings are aligned before clamping bearing to facilitate insertion of bolt (75).

| E. Install pawl using parts (75 thru 90).

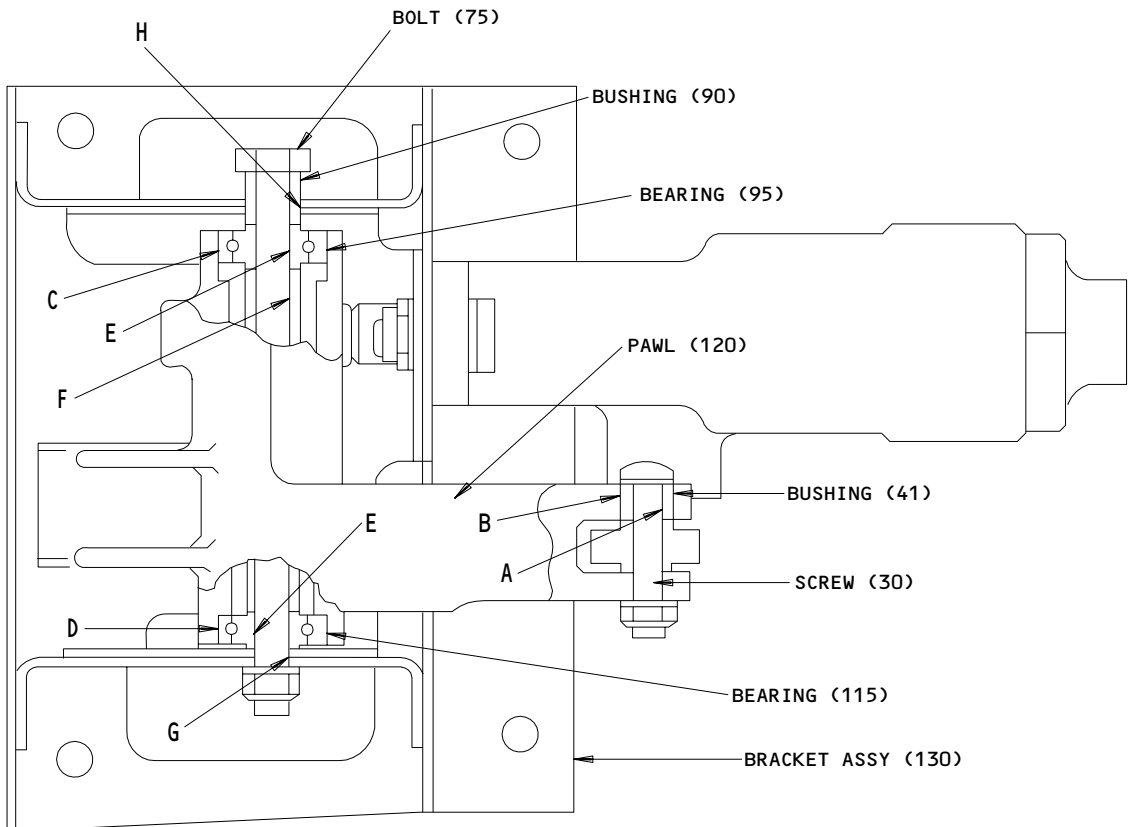
F. Install springs (60).

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FITS AND CLEARANCES



ITEM NUMBERS REFER TO IPL FIG. 1

Fits and Clearances  
Figure 801 (Sheet 1)

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| Ref<br>Letter<br>Fig.801 | Mating<br>Item No.<br>IPL Fig. | Design Dimension |        |                       |        | Service Wear Limit |     |                      |
|--------------------------|--------------------------------|------------------|--------|-----------------------|--------|--------------------|-----|----------------------|
|                          |                                | Dimension        |        | Assembly<br>Clearance |        | Dimension          |     | Maximum<br>Clearance |
|                          |                                | Min              | Max    | Min                   | Max    | Min                | Max |                      |
| A                        | ID 41                          | 0.1895           | 0.1910 | 0.0000                | 0.0040 |                    |     |                      |
|                          | OD 30                          | 0.1870           | 0.1895 |                       |        |                    |     |                      |
| B                        | ID 120                         | 0.3745           | 0.3755 | 0.0015                | 0.0035 |                    |     |                      |
|                          | OD 41                          | 0.3720           | 0.3730 |                       |        |                    |     |                      |
| C                        | ID 120                         | 0.7500           | 0.7508 | 0.0000                | 0.0013 |                    |     |                      |
|                          | OD 95                          | 0.7495           | 0.7500 |                       |        |                    |     |                      |
| D                        | ID 120                         | 0.7494           | 0.7502 | -0.0006<br>*[1]       | 0.0007 |                    |     |                      |
|                          | OD 115                         | 0.7495           | 0.7500 |                       |        |                    |     |                      |
| E                        | ID 95,<br>115                  | 0.2495           | 0.2500 | 0.0000                | 0.0015 |                    |     |                      |
|                          | OD 75                          | 0.2485           | 0.2495 |                       |        |                    |     |                      |
| F                        | ID 90                          | 0.2500           | 0.2505 | 0.0005                | 0.0020 |                    |     |                      |
|                          | OD 75                          | 0.2485           | 0.2495 |                       |        |                    |     |                      |
| G                        | ID 130                         | 0.2500           | 0.2540 | 0.0005                | 0.0055 |                    |     |                      |
|                          | OD 75                          | 0.2485           | 0.2495 |                       |        |                    |     |                      |
| H                        | ID 130                         | 0.3745           | 0.3755 | 0.0000                | 0.0015 |                    |     |                      |
|                          | OD 90                          | 0.3740           | 0.3745 |                       |        |                    |     |                      |

\*[1] INTERFERENCE FIT

ALL DIMENSIONS ARE IN INCHES

Fits and Clearances  
 Figure 801 (Sheet 2)

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FITS AND CLEARANCES  
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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 XXXX.
  - A. When a new top assembly part number is assigned by Service Bulletin, the notations appear at the top assembly level only. The configuration differences at detail part level are 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.

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ILLUSTRATED PARTS LIST

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VENDORS

06725 AIR INDUSTRIES CORP  
12570 KNOTT STREET  
GARDEN GROVE, CALIFORNIA 92641

11815 TOWNSEND DIV OF TEXTRON INC.  
CHERRY FASTENER UNIT  
P.O. BOX 2157 1224 EAST WARNER AVE.  
SANTA ANA, CALIFORNIA 92707

15653 KAYNAR MFG COMPANY INC KAYLOCK DIV  
PO BOX 3001 800 SOUTH STATE COLLEGE BLVD  
FULLERTON, CALIFORNIA 92634

21335 TEXTRON INC FAFNIR BEARING DIVISION  
37 BOOTH STREET  
NEW BRITAIN, CONNECTICUT 06050

38443 TRW INC BEARING DIV  
402 CHANDLER STREET  
JAMESTOWN, NEW YORK 14701

43991 FAG BEARING INCORPORATED  
HAMILTON AVENUE  
STAMFORD, CONNECTICUT 06904

52828 REPUBLIC FASTENER MFG CORP  
1300 RANCHO CONEJO BLVD  
NEWBURY PARK, CALIFORNIA 91320

56878 ALTA PRODUCTS CO  
2630 LAVERY CT  
NEWBERRY PARK, CALIFORNIA 91320

60380 TORRINGTON CO BEARINGS DIV SUBSIDIARY OF INGERSOLL-RAND CORP  
59 FIELD STREET  
TORRINGTON, CONNECTICUT 06790

72962 ESNA DIV OF AMERACE CORP  
2330 VAUXHALL ROAD  
UNION, NEW JERSEY 07083

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**BOEING**  
COMPONENT  
MAINTENANCE MANUALVENDORS

73197 HI-SHEAR CORP  
2600 SKY PARK DR  
TORRANCE, CALIFORNIA 90509

80539 SPS TECHNOLOGIES INC AEROSPACE PRODUCTS DIV  
2701 SOUTH HARBOR BOULEVARD  
SANTA ANA, CALIFORNIA 92702

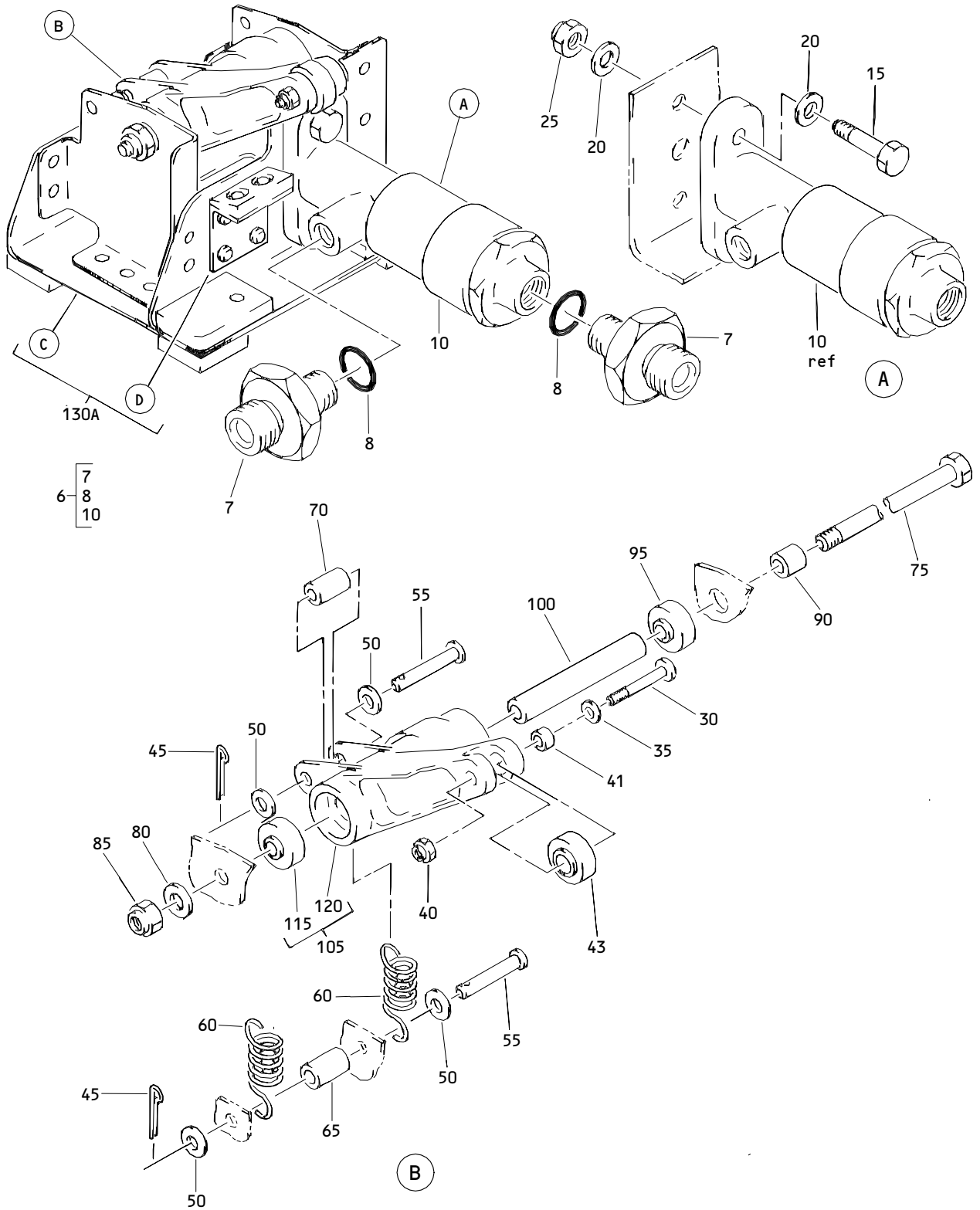
92215 VOI-SHAN DIV OF VSI CORP  
8463 HIGUERA STREET  
CULVER CITY, CALIFORNIA 90230

92555 LEE COMPANY  
2 PETTIPAUG RD, PO BOX 424  
WESTBROOK, CONNECTICUT 06498

92563 MCGILL MFG CO INC BEARINGS DIV  
907 LAFAYETTE STREET  
VALPARAISO, INDIANA 46383

97928 LITTON FASTENING SYSTEMS  
3969 PARAMOUNT BOULEVARD  
LAKEWOOD, CALIFORNIA 90712

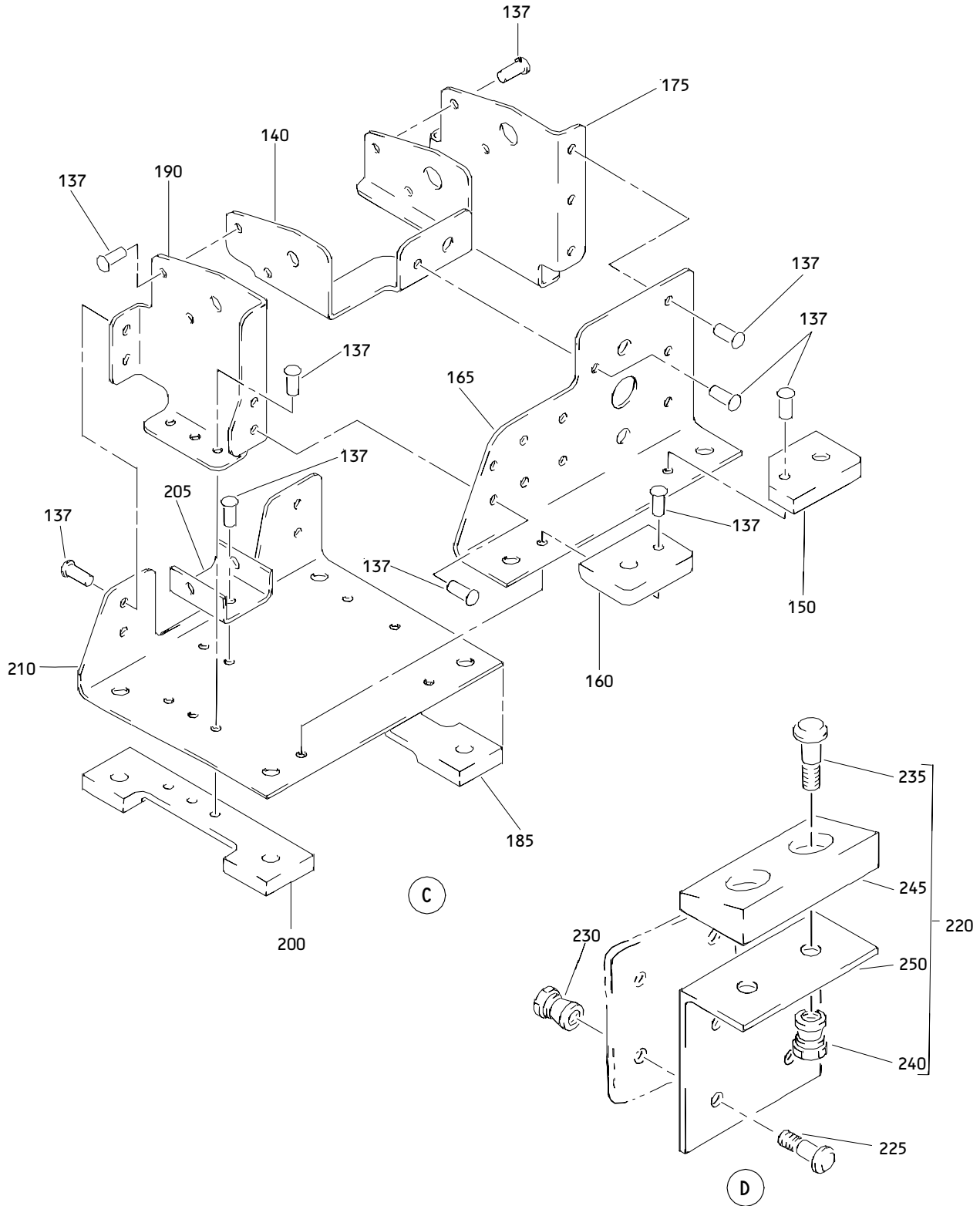
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Main Gear Alternate Extend Uplock Release Lockout Assembly  
 Figure 1 (Sheet 1)

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**Main Gear Alternate Extend Uplock Release Lockout Assembly**  
**Figure 1 (Sheet 2)**

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**ILLUSTRATED PARTS LIST**  
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**BOEING**  
 COMPONENT  
 MAINTENANCE MANUAL

| FIG. & ITEM | PART NO.     | AIRLINE PART NUMBER | NOMENCLATURE<br>1234567   | EFF CODE | QTY PER ASSY |
|-------------|--------------|---------------------|---|----------|--------------|
| 01-         |              |                     |   |          |              |
| -1          | 257T3406-1   |                     | DELETED   |          |              |
| -5          | 257T3406-2   |                     | DELETED   |          |              |
| -5A         | 257T3406-3   |                     | LOCKOUT ASSY-MAIN GEAR<br>ALTERNATE EXTEND UPLOCK<br>RELEASE (LH)(PRE SB<br>32-63)  | A        | RF           |
| -5B         | 257T3406-4   |                     | LOCKOUT ASSY-MAIN GEAR<br>ALTERNATE EXTEND UPLOCK<br>RELEASE (RH)(PRE SB<br>32-63)  | B        | RF           |
| -5C         | 257T3406-7   |                     | LOCKOUT ASSY-MAIN GEAR<br>ALTERNATE EXTEND UPLOCK<br>RELEASE (LH)(POST SB<br>32-63) | C        | RF           |
| -5D         | 257T3406-8   |                     | LOCKOUT ASSY-MAIN GEAR<br>ALTERNATE EXTEND UPLOCK<br>RELEASE (RH)(POST SB<br>32-63) | D        | RF           |
| -6          | 257T3406-5   |                     | .ACTUATOR ASSY  | AB       | 1            |
| -6A         | 257T3406-6   |                     | .ACTUATOR ASSY  | CD       | 1            |
| 7           | BACR17E6-4   |                     | ..REDUCER<br>(USED ON ITEM 6)   |          | 2            |
| 7A          | JEDX0500650B |                     | ..RESTRICTOR (V92555)<br>(USED ON ITEM 6A)  |          | 1            |
| 8           | NAS1612-4    |                     | ..O-RING  |          | 2            |
| 10          | 273T4572-1   |                     | ..ACTUATOR ASSY-<br>(REF CMM 32-32-15)  |          | 1            |
| 15          | NAS6604-5    |                     | ATTACHING PARTS   |          |              |
| 20          | AN960PD416L  |                     | .BOLT   |          | 2            |
|             |              |                     | .WASHER   |          | 4            |

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| FIG. & ITEM | PART NO.    | AIRLINE PART NUMBER | NOMENCLATURE<br>1234567   | EFF CODE | QTY PER ASSY |
|-------------|-------------|---------------------|---|----------|--------------|
| 01-25       | BRH10-4     |                     | .NUT-<br>(V52828)<br>(SPEC BACN10JC4)<br>(OPT H10-4BAC<br>(V15653))<br>(OPT NS202101-048<br>(V80539))<br>(OPT RMLH9075-4W<br>(V72962))<br>(OPT T6S428J<br>(V11815))<br>(OPT VN303A048<br>(V92215))<br>(OPT 96-048<br>(V80539))<br>-----*----- |          | 2            |
| 30          | NAS623-3-13 |                     | .SCREW  |          | 1            |
| 35          | AN960PD10L  |                     | .WASHER   |          | 1            |
| 40          | BRH10-3     |                     | .NUT-<br>(V52828)<br>(SPEC BACN10JC3)<br>(OPT H10-3BAC<br>(V15653))<br>(OPT NS202101-02<br>(V80539))<br>(OPT RMLH9075-3W<br>(V72962))<br>(OPT T6S1032J<br>(V11815))<br>(OPT VN303A02<br>(V92215))<br>(OPT 96-02<br>(V80539))                  |          | 1            |

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| FIG. & ITEM | PART NO.     | AIRLINE PART NUMBER | NOMENCLATURE<br>1234567   | EFF CODE | QTY PER ASSY |
|-------------|--------------|---------------------|---|----------|--------------|
| 01-         |              |                     |   |          |              |
| 41          | NAS73-3E005  |                     | .BUSHING  |          | 1            |
| 43          | ATF3         |                     | .BEARING-<br>(V60380)<br>(SPEC BACB10ET03)<br>(OPT 3AFC512<br>(V92563))   |          | 1            |
| 45          | MS24665-153  |                     | .PIN-COTTER   |          | 2            |
| 50          | AN960PD10L   |                     | .WASHER   |          | 4            |
| 55          | MS20392-2C35 |                     | .PIN  |          | 2            |
| 60          | MS24586C158  |                     | .SPRING   |          | 2            |
| 65          | NAS43DD3-40  |                     | .BUSHING  |          | 1            |
| 70          | NAS43DD3-32  |                     | .BUSHING  |          | 1            |
| 75          | NAS6604-54   |                     | .BOLT   |          | 1            |
| 80          | AN960PD416L  |                     | DELETED   |          |              |
| 80          | BACW10P41AL  |                     | .WASHER   |          | 1            |
| 85          | BRH10-4      |                     | .NUT-<br>(SEE ITEM 25 FOR OPT)  |          | 1            |
| 90          | 257T3105-13  |                     | .BUSHING  |          | 1            |
| 95          | KP4A         |                     | .BEARING-<br>(V38443)<br>(SPEC BACB10BX4)<br>(OPT KP4AFS428<br>(V21335))<br>(OPT KP4A2TS<br>(V43991))<br>(OPT LLKP4A<br>(V38443)) |          | 1            |
| 100         | NAS43DD4-152 |                     | .SPACER   |          | 1            |
| 105         | 257T3420-7   |                     | .PAWL ASSY-LOCKOUT  | AC       | 1            |
| -110        | 257T3420-8   |                     | .PAWL ASSY-LOCKOUT  | BD       | 1            |

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| FIG. & ITEM | PART NO.    | AIRLINE PART NUMBER | NOMENCLATURE<br>1234567   | EFF CODE | QTY PER ASSY |
|-------------|-------------|---------------------|---|----------|--------------|
| 01-115      | KP4A        |                     | ..BEARING-<br>(FOR OPTIONAL PARTS<br>REFER TO ITEM 95)  |          | 1            |
| 120         | 257T3420-9  |                     | ..PAWL (USED ON ITEM 105)   |          | 1            |
| -125        | 257T3420-10 |                     | ..PAWL (USED ON ITEM 110)   |          | 1            |
| 130         | 257T3421-1  |                     | DELETED   |          |              |
| 130A        | 257T3421-13 |                     | ..BRACKET ASSY-LOCKOUT  | AC       | 1            |
| 135         | 257T3421-2  |                     | DELETED   |          |              |
| -135A       | 257T3421-14 |                     | ..BRACKET ASSY-LOCKOUT  | BD       | 1            |
| 137         | BACR15BB5AD |                     | ..RIVET   |          | 23           |
| 140         | 257T3421-9  |                     | ..PANEL-FRONT (USED ON<br>ITEM 130A)  |          | 1            |
| -145        | 257T3421-10 |                     | ..PANEL-FRONT (USED ON<br>ITEM 135A)  |          | 1            |
| 150         | 257T3438-7  |                     | ..FILLER (USED ON ITEM<br>130A)   |          | 1            |
| -155        | 257T3438-8  |                     | ..FILLER (USED ON ITEM<br>135A)   |          | 1            |
| 160         | 257T3438-9  |                     | ..FILLER  |          | 1            |
| 165         | 257T3421-11 |                     | ..PANEL-MTG (USED ON<br>ITEM 130A)  |          | 1            |
| -170        | 257T3421-12 |                     | ..PANEL-MTG (USED ON<br>ITEM 135A)  |          | 1            |
| 175         | 257T3421-7  |                     | ..TOP (USED ON ITEM 130A)   |          | 1            |
| -180        | 257T3421-8  |                     | ..TOP (USED ON ITEM 135A)   |          | 1            |
| 185         | 257T3438-1  |                     | ..SPACER  |          | 1            |
| 190         | 257T3421-5  |                     | ..BOTTOM (USED ON ITEM<br>130A)   |          | 1            |
| -195        | 257T3421-6  |                     | ..BOTTOM (USED ON ITEM<br>135A)   |          | 1            |
| 200         | 257T3438-3  |                     | ..SPACER  |          | 1            |
| 205         | 257T3438-5  |                     | ..YOKE  |          | 1            |
| 210         | 257T3421-3  |                     | ..BASE (USED ON ITEM 130A)  |          | 1            |
| -215        | 257T3421-4  |                     | ..BASE (USED ON ITEM 135A)  |          | 1            |
| 220         | 257T3421-15 |                     | ..STOP ASSY   |          | 1            |
| 225         | HL10VA26-3  |                     | ATTACHING PARTS<br>..BOLT<br>(V56878)<br>(SPEC BACB30M46K3)<br>(V979281))<br>(OPT HL10VA26-3<br>(V73197, V92215,<br>V97928))<br>(OPT L8006K3<br>(V06725)) |          | 4            |

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| FIG. & ITEM | PART NO.    | AIRLINE PART NUMBER | NOMENCLATURE<br>1234567  | EFF CODE | QTY PER ASSY |
|-------------|-------------|---------------------|--|----------|--------------|
| 01-230      | HL79-6      |                     | ..COLLAR<br>(V56878)<br>(SPEC BACC30M6)<br>(V73197, V92215))<br>(OPT 66014-6<br>(V56878))<br>-----*  |          | 2            |
| 235         | HL10VA26-4  |                     | ...BOLT-<br>(V56878)<br>(SPEC BACB30MY6K4)<br>(OPT B30MY6K4<br>(V97928))<br>(OPT HL10VA26-4<br>(V73197, V92215,<br>V97928))<br>(OPT L8006K4<br>(V06725)) |          | 2            |
| 240         | HL79-6      |                     | ...COLLAR<br>(FOR OPTIONAL PARTS<br>REFER TO ITEM 230)   |          | 2            |
| 245         | 257T3421-17 |                     | ...STOP  |          | 1            |
| 250         | 257T3421-16 |                     | ...BRACKET   |          | 1            |

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