



COMPONENT MAINTENANCE MANUAL WITH ILLUSTRATED PARTS LIST

RUDDER ASSEMBLY

PART NUMBER

**| 173A0100–678, 173A0103–1, –10, –2, –3, –4, –5, –6, –7,
| –8, –9**

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COMPONENT MAINTENANCE MANUAL

Revision No. 11
Jul 01/2009

To: All holders of RUDDER ASSEMBLY 55-40-09.

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.

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TRANSMITTAL LETTER

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Location of Change

55-40-09

FRONTMATTER

ASSEMBLY

ILLUSTRATED PARTS LIST

Description of Change

Changed the part number information on the title page.

Changed the data in the Consumable Materials list.

Changed the data in the Vendor Codes list.

Changed the data in the NUMERICAL INDEX list.

Added new Illustrated Parts List.

Added top assembly 173A0103-9, and -10.

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HIGHLIGHTS

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

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55-1062		PRR 38249	MAR 01/02
		PRR 38488-1	NOV 01/03
27-1253	55-5	PRR 38488-1	JUL 01/08
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TR AND SB RECORD

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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.

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COMPONENT MAINTENANCE MANUAL

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.

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INTRODUCTION

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COMPONENT MAINTENANCE MANUAL

RUDDER ASSEMBLY - DESCRIPTION AND OPERATION

1. Description

- A. The rudder assembly has a front spar, chordwise ribs, and bonded graphite/epoxy honeycomb skin panels.
- B. Eight hinge fittings attach to the front spar and engage the hinge fittings on the aft surface of the vertical stabilizer.

2. Operation

- A. The rudder is controlled by mechanical and hydraulic control units that make the rudder move around the hinge centerline to control airplane movements around the vertical (yaw) axis.

3. Leading Particulars (Approximate)

- A. Length ———— 20 feet
- B. Width ———— 1 foot
- C. Thickness – 5 feet
- D. Weight ———— 235 pounds

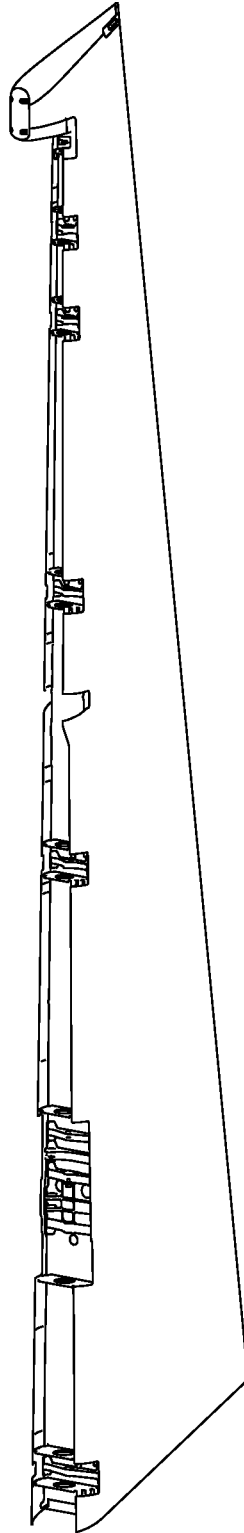
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DESCRIPTION AND OPERATION

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Rudder Assembly
Figure 1

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DESCRIPTION AND OPERATION

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TESTING AND FAULT ISOLATION

(NOT APPLICABLE)

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TESTING AND FAULT ISOLATION

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DISASSEMBLY

1. General

- A. This procedure has the data necessary to disassemble the rudder assembly (IPL Figure 1; 1A).
- B. Disassemble this component sufficiently to isolate the defects, do the necessary repairs, and put the component back to a serviceable condition.
- C. Refer to the Standard Overhaul Practices Manual (SOPM) for the SOPM subjects identified in this procedure.
- D. Use standard industry practices and the steps shown below to disassemble the rudder assembly.
- E. Refer to IPL Figure 1 for the item numbers.

2. Rudder Disassembly

A. Special Tools

NOTE: Equivalent tool can be used.

- (1) C27035-1 – Rudder Assembly Removal and Lifting Sling

B. Part Replacement

NOTE: The parts which follow are recommended for replacement. Unless a procedure tells you to replace a part, replacement is optional.

- (1) No parts recommended for replacement at this time.

C. Procedure

- (1) For removal of the rudder tip balance weight (IPL Figure 8; 110), the upper fairing (IPL Figure 8; 330), and the lower fairing assembly (IPL Figure 8; 340).
 - (a) See IPL Figure 8 for item numbers.
 - (b) If necessary, remove the rudder tip balance weight (110).
 - 1) Remove the bolts (70) and the washers (85), then remove the rudder tip balance weight (110) from the tip support pan (265).
 - (c) If necessary, remove the upper fairing (330).
 - 1) Remove the bolts (5, 10), and the rivets (15), then remove the splice plate (40), the discharger assembly (45), and the shims (65).
 - 2) Remove the bolts (250, 280, 310), then remove the lower fairing assembly (340).
 - (d) If necessary, remove the lower fairing assembly (340).
 - 1) Remove the bolts (250, 280, 310), then remove the lower fairing assembly (340).
- (2) Procedure for removal of the weight (IPL Figure 12; 170) and the skin panels (IPL Figure 12; 210, 245, 270, 275).
 - (a) See IPL Figure 12 for item numbers.
 - (b) If necessary, remove the weight (170).
 - 1) Remove the bolts (150), the washers (155, 160), and the nuts (165), then remove the weight (170) and the clips (175, 180).
 - (c) If necessary, remove the skin panels (210, 245, 270, 275).
 - 1) Remove the bolts (185, 215, 250), then remove the skin panels (210, 245, 270, 275).

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DISASSEMBLY

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CLEANING

1. General

- A. This procedure has the data necessary to clean the rudder assembly (1A).
- B. Refer to the Standard Overhaul Practices Manual (SOPM) for the SOPM subjects identified in this procedure.
- C. Refer to IPL Figure 1 thru IPL Figure 14 for the item numbers.

2. Cleaning

A. References

Reference	Title
SOPM 20-30-03	GENERAL CLEANING PROCEDURES

B. Procedure

- (1) Use standard industry procedures and refer to SOPM 20-30-03 to clean all parts.

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CLEANING

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CHECK

1. General

- A. This procedure has the data necessary to find defects in the material of the specified parts.
- B. Refer to FITS AND CLEARANCES for the design dimension and wear limits.
- C. Refer to the Standard Overhaul Practices Manual (SOPM) for the SOPM subjects identified in this procedure.
- D. Refer to IPL Figure 1 thru IPL Figure 14 for the item numbers.

2. Check

A. References

Reference	Title
SOPM 20-20-02	PENETRANT METHODS OF INSPECTION
737 NDT Part 9, 51-00-01	Non-Destructive Testing

B. Procedure

- (1) Use standard industry procedures to do a visual check of all the parts for defects. Do the penetrant or magnetic particle check if the visual check shows possible damage or if you suspect possible damage on the parts listed below:
- (2) Do a penetrant check (SOPM 20-20-02) of these parts:
 - (a) Refer to IPL Figure 14 for item numbers.
 - 1) Thrust fittings (305, 310, 315).
 - 2) Actuator fitting (415).
 - 3) Hinge fittings (440, 470, 500, 545, 580, 385, 575).
- (3) Do a check of the honeycomb structure.
 - (a) Do a check of the honeycomb structure and bonded parts for delamination, internal water, scratches, and contour damage.
 - 1) If you see delamination or contour damage, do an ultrasonic check or a tap test to find all of the damage.

NOTE: For the tap test use a solid metal disk and refer to the 737 Nondestructive Test Manual, Part 1, 51-05-01.
 - 2) Examine areas that you think contain water radiographically or by thermography as shown in 737 NDT Part 9, 51-00-01.
- (4) Refer to the 737 Structural Repair Manual 55-40-01 for allowable damage and repairs.

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CHECK

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REPAIR

1. General

- A. Instructions for repair, refinish, and replacement of the specified subassembly parts are included in each REPAIR when applicable:

Table 601:

PART NUMBER	NAME	REPAIR
—	REFINISH OF OTHER PARTS	1-1
173A0100	RUDDER ASSEMBLY	2-1

2. Dimensioning Symbols

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

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REPAIR - GENERAL

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- 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 THIS FEATURE PERMISSIBLE VARIATIONS ARE ESTABLISHED BY TOLERANCES ON OTHER DIMENSIONS OR NOTES.
- DIM**
- A-** DATUM
- (M) MAXIMUM MATERIAL CONDITION (MMC)
- (L) LEAST MATERIAL CONDITION (LMC)
- (S) REGARDLESS OF FEATURE SIZE (RFS)
- (P) PROJECTED TOLERANCE ZONE
- FIM FULL INDICATOR MOVEMENT

EXAMPLES

- 0.002 STRAIGHT WITHIN 0.002
- ⊥** 0.002 **B** PERPENDICULAR TO DATUM B WITHIN 0.002
- //** 0.002 **A** PARALLEL TO DATUM 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 A
- ⌓** 0.020 **A** SURFACES MUST LIE WITHIN PARALLEL BOUNDARIES 0.020 INCH APART AND EQUALLY DISPOSED ABOUT TRUE PROFILE
- ∅** 0.0005 **C** CONCENTRIC TO DATUM C WITHIN 0.0005 DIAMETER
- ≡** 0.010 **A** SYMMETRICAL WITH DATUM A WITHIN 0.010
- ∠** 0.005 **A** ANGULAR TOLERANCE 0.005 WITH DATUM A
- ⊕** ∅ 0.002 **(S)** **B** LOCATED AT TRUE POSITION WITHIN 0.002 DIA RELATIVE TO DATUM B, REGARDLESS OF FEATURE SIZE
- ⊥** ∅ 0.010 **(M)** **A** AXIS IS TOTALLY WITHIN A CYLINDER OF 0.010 INCH DIAMETER, PERPENDICULAR TO DATUM A, AND EXTENDING 0.510 INCH ABOVE DATUM A, MAXIMUM MATERIAL CONDITION
- 0.510** **(P)**
- 2.000** THEORETICALLY EXACT DIMENSION IS 2.000
- OR
- 2.000**
- BSC

True Position Dimensioning Symbols
Figure 601

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REPAIR - GENERAL

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REFINISH OF OTHER PARTS - REPAIR 1-1

1. General

- A. This procedure has the data necessary to refinish the parts which are not given in the specified repairs.
- B. Refer to the Standard Overhaul Practice Manual (SOPM) for the SOPM subjects identified in this procedure.
- C. Refer to IPL Figure 1 thru IPL Figure 14 for the tem numbers.

2. Refinish of Other Parts

A. Consumable Materials

NOTE: Equivalent substitutes may be used.

Reference	Description	Specification
C00033	Coating - Exterior Protective Enamel, Flexibility Use	BMS10-60, Type II
C00175	Primer - Urethane Compatible, Corrosion Resistant (Less Than 1% Aromatic Amines)	BMS10-79, Type III
C00259	Primer - Chemical And Solvent Resistant Finish, Epoxy Resin	BMS10-11, Type I
C00700	Coating - Exterior Protective Enamel, Gray Gloss Enamel	BMS10-60, Type I, BAC 707
C00766	Primer - Nonchromated (For Non-Metallic Composites)	BMS10-103, Type 1
C00767	Coating - Anti-Static Coating	BMS10-21, Type III

B. References

Reference	Title
BAC 5325	Application of BMS 10-103, Nonchromated Primer for Composites
SOPM 20-10-06	REPAIR OF CONDUCTIVE COATINGS
SOPM 20-30-02	STRIPPING OF PROTECTIVE FINISHES
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 decoding table for Boeing finish codes, refer to SOPM 20-41-01. For finishing materials, refer to SOPM 20-60-02.

- (1) Instructions for the repair of the parts listed in REPAIR 1-1, Table 601 is for repair of the initial finish.

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REPAIR 1-1

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Table 601: Refinish Details

IPL FIG. & ITEM	MATERIAL	FINISH
IPL Fig. 8		
Upper fairing (330)	Composite	Prepare conductive surfaces (SRF- 14.672) as specified by SOPM 20-10-06, then apply primer, C00766 (F-14.692) as specified by BAC 5325, then apply enamel coating, C00033 (F-19.79-707) as specified by BAC 5845 to all outside surfaces and edges, except do not apply primer, C00766 or enamel coating, C00033 to the electrical bonding area where the discharger assembly (45) attaches to the fairing. Do not apply finish to the inside surfaces.
Fairing (365)	Composite	Prepare conductive surfaces (SRF- 14.672) as specified by SOPM 20-10-06, then apply one coating, C00767 (F-14.685) as specified by SOPM 20-10-06, then apply primer, C00766 (F-14.692) as specified by BAC 5325, then apply enamel coating, C00033 (F-19.79-707) as specified by BAC 5845 to all outside surfaces, except do not apply primer or enamel within 0.5 inch of the holes on the corners of the fairing. Do not apply finish to the inside surfaces.
Closure (350)	Composite	Prepare conductive surfaces (SRF- 14.672) as specified by SOPM 20-10-06, then apply primer, C00766 (F-14.692) as specified by BAC 5325 to all the outside surfaces. Do not apply finish to the inside surfaces.
Splice plate (40)	Al Sheet	Anodize (F-17.35) as specified by, then apply primer, C00175 (F-19.47) as specified by, then apply enamel coating, C00033 (F-19.79.707) as specified by BAC 5845 to all of the outside surfaces. Do not apply finish to the inside surfaces.
Discharger assembly (45)		Apply primer, C00175(F-19.47), then apply enamel coating, C00033 (F-19.79.707) as specified by BAC 584 to all surfaces, except the sides of the base discharger (55) and the bottom of the splice plate (60).
IPL Fig. 9		
Skin panel (390)	Composite	Prepare conductive surfaces (SRF- 14.672) as specified by SOPM SOPM 20-10-06 , then apply enamel coating, C00033 (F-14.677) as specified by BAC 5845 to all of the outside surfaces, all of the trimmed edges, and all of the inside surfaces that are not covered by tedlar.
IPL Fig. 10		
Skin panel (285)	Composite	Prepare conductive surfaces (SRF- 14.672) as specified by SOPM 20-10-06, then apply enamel coating, C00033 (F-14.677) as specified by BAC 5845 to all of the outside surfaces, all of the trimmed edges, and all of the inside surfaces that are not covered by tedlar.
IPL Fig. 13		

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Table 601: Refinish Details (Continued)

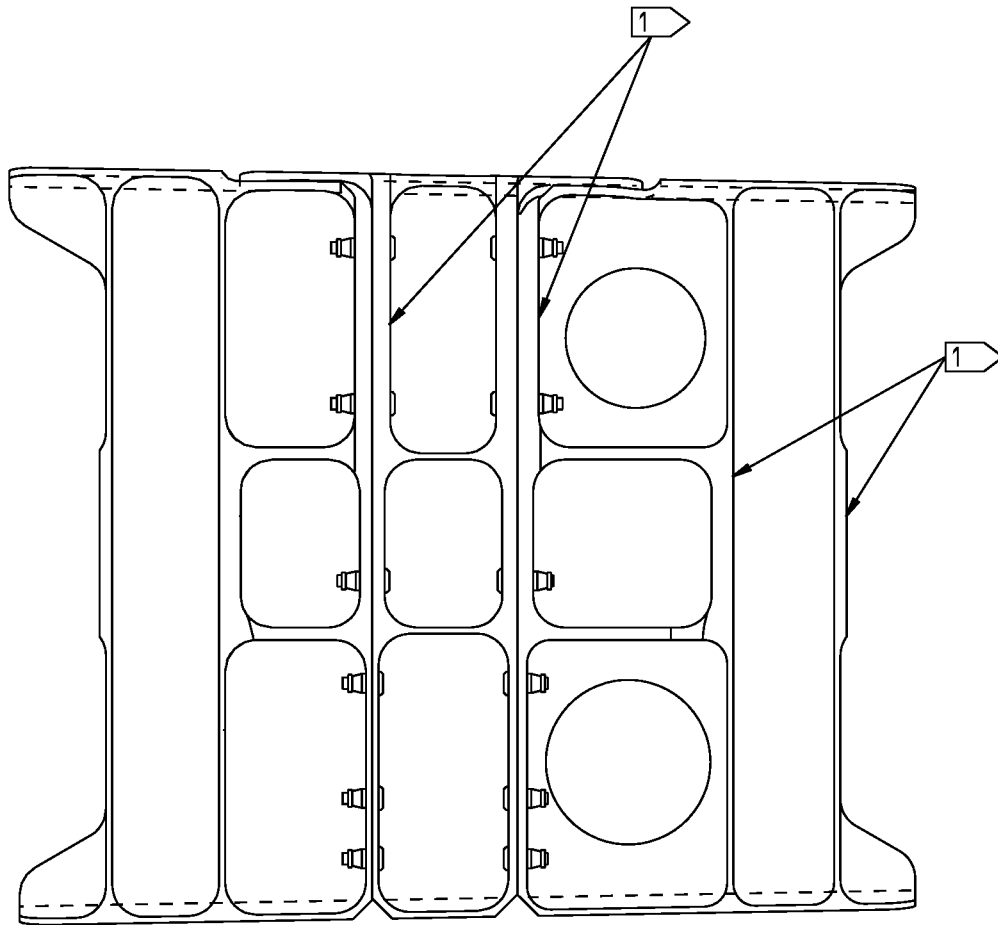
IPL FIG. & ITEM	MATERIAL	FINISH
Bracket (30)	2024 Al alloy	Anodize (F-17.31), then apply primer, C00259 (F-20.02).
IPL Fig. 14		
Fittings (305, 310, 315, 385, 415, 440, 470, 500, 545, 575, 580)	7050 Al alloy	Anodize (F-17.31), then apply primer, C00175 (F-19.47), except do not apply primer, C00175 to the bushing holes.
Fitting subassembly (265)	7050 Al alloy	Apply enamel coating, C00033 (SRF-14.9813) as specified by BAC 5845, except apply color chemical layer (F-17.10) as specified by, then apply primer, C00175 (F-19.47), to the surfaces shown in REPAIR 1-1, Figure 601 before you apply enamel coating, C00033. Do not apply enamel coating, C00033 in the holes of the bushings.
Fitting assemblies (370, 400, 425, 455, 485, 530, 555, 560)	7050 Al alloy	Apply enamel coating, C00700 (SRF-14.9813) as specified by BAC 5845, except do not apply enamel coating, C00700 in the holes of the bushings.

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- 1 → APPLY COLORED CHEMICAL LAYER (F-17.10) AS SPECIFIED BY SOPM 20-43-03, THEN APPLY ONE LAYER OF BMS 10-79, TYPE 3 PRIMER (F-19.47) AS SPECIFIED BY SOPM 20-44-04 BEFORE YOU APPLY GRAY GLOSS ENAMEL ON THESE SURFACES

173A2200-2,-4 Fitting Subassembly Refinish
Figure 601

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REPAIR 1-1

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RUDDER ASSEMBLY - REPAIR 2-1

173A0100-678

1. General

- A. This procedure has the data necessary to repair and refinish the rudder assembly (1A).
- B. Refer to the Standard Overhaul Practice Manual (SOPM) for the SOPM subjects identified in this procedure.
- C. Refer to IPL Figure 1 thru IPL Figure 14 for item numbers.

2. Bushing Replacement (as shown in REPAIR 2-1, Figure 601)

NOTE: For miscellaneous materials, refer to SOPM 20-60-04.

A. Consumable Materials

NOTE: Equivalent substitutes may be used.

Reference	Description	Specification
A00247	Sealant - Pressure And Environmental - Chromate Type	BMS 5-95

B. References

Reference	Title
SOPM 20-50-03	BEARING AND BUSHING REPLACEMENT
SOPM 20-60-04	MISCELLANEOUS MATERIALS

- C. Refer to REPAIR 2-1, Figure 601 for bushing replacement at rudder stations 7.0, 74.8, 129.7, 184.7, 239.6, 257.9, 276.2.

(1) Procedure

- (a) See IPL Figure 14 for item numbers.
- (b) Remove the worn or damaged bushings (375, 380, 430, 435, 460, 465, 490, 495, 535, 540, 565, 570) from the fittings (385, 440, 470, 500, 545, 575, 580).
- (c) Apply sealant, A00247 to the new bushings (375, 380, 430, 435, 460, 465, 490, 495, 535, 540, 565, 570), then use the shrink fit method to install them into the fittings (385, 440, 470, 500, 545, 575, 580) as specified by SOPM 20-50-03.
- (d) Machine the new bushings (375, 380, 430, 435, 460, 465, 490, 495, 535, 540, 565, 570) to the final diameter as shown in REPAIR 2-1, Figure 601 and REPAIR 2-1, Figure 603.
- (e) Break all sharp edges.

3. Bushing Replacement (as shown in REPAIR 2-1, Figure 602)

A. Consumable Materials

NOTE: Equivalent substitutes may be used.

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Reference	Description	Specification
A00247	Sealant - Pressure And Environmental - Chromate Type	BMS 5-95
G50347	Lockwire - Nickel-copper, 0.032 inch diameter	NASM20995N~ C32

B. References

Reference	Title
SOPM 20-50-02	INSTALLATION OF SAFETYING DEVICES
SOPM 20-50-03	BEARING AND BUSHING REPLACEMENT
SOPM 20-60-04	MISCELLANEOUS MATERIALS

C. Refer to REPAIR 2-1, Figure 602 for bushing replacement at rudder stations 56.5, 60.9, 66.4, 70.7.

(1) Procedure for replacement of bushings (IPL Figure 14; 255, 260).

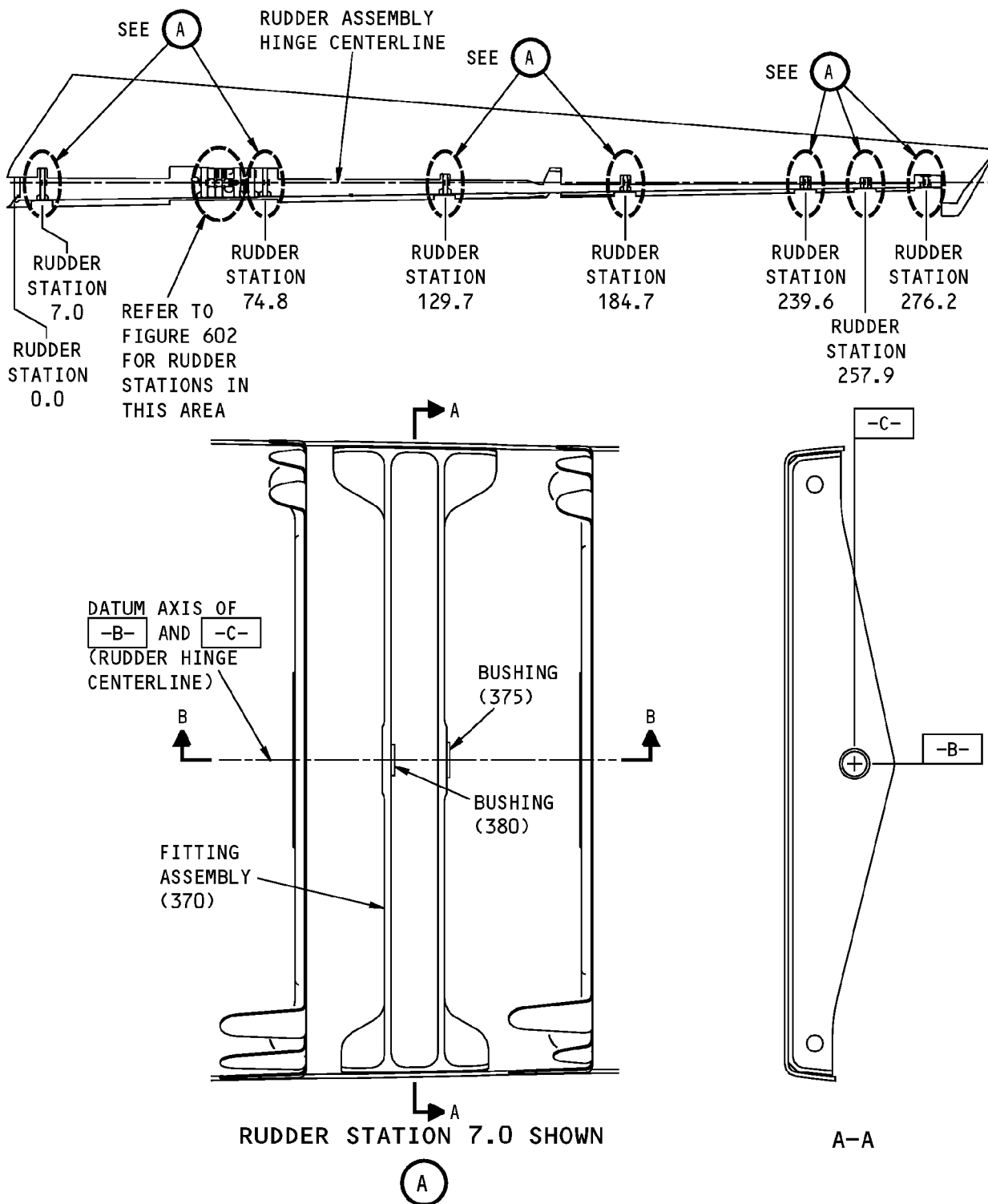
NOTE: For miscellaneous materials, refer to SOPM 20-60-04.

- (a) See IPL Figure 14 for item numbers.
 - (b) Remove the lockwire, G50347 from the jamnut (245), then loosen the jamnut.
 - (c) Remove the worn or damaged bushings (255, 260) and washer (250) from the fitting subassembly (265).
 - (d) Apply sealant, A00247 to the new bushing (260), then use the shrink fit method to install it into the fitting subassembly (265) as specified by SOPM 20-50-03.
 - (e) Put the jamnut (245) and the washer (250) onto the bushing (260).
 - (f) Install the bushing (255) into the bushing (260).
 - (g) Tighten the jamnut (245) to between 150 and 200 pound-inches.
 - (h) lockwire, G50347 the jamnut (245) to the fitting subassembly (265) as shown in REPAIR 2-1, Figure 602 and as specified by SOPM 20-50-02.
 - (i) Machine the new bushings (255, 260) to the final diameter as shown in REPAIR 2-1, Figure 602.
 - (j) Break all sharp edges.
- (2) Procedure for replacement of bushings (225, 230, 235, 240, 405, 410).
- (a) Remove the worn or damaged bushings (225, 230, 235, 240, 405, 410) from the fitting subassembly (265).
 - (b) Apply sealant, A00247 to the new bushings (225, 230, 235, 240, 405, 410), then use the shrink fit method to install them into the fitting subassembly (265) as specified by SOPM 20-50-03.
 - (c) Machine the new bushings (225, 230, 235, 240, 405, 410) to the final diameters as shown in REPAIR 2-1, Figure 602 and REPAIR 2-1, Figure 603.
 - (d) Break all sharp edges.

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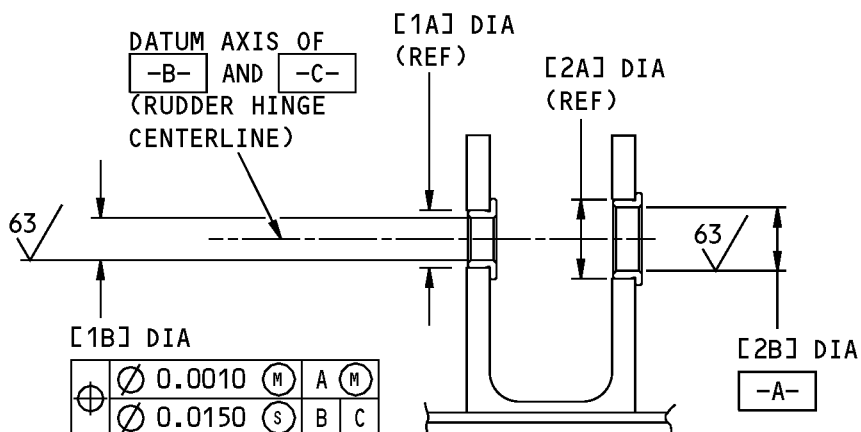
Rudder Assembly Bushing Replacement
Figure 601 (Sheet 1 of 3)

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TYPICAL VIEW FOR REPLACEMENT OF BUSHINGS
B-B

SEE TABLE A FOR DESIGN DIMENSIONS AND REPAIR LIMITS
SEE TABLE B FOR SPECIFIED RUDDER STATIONS

REFERENCE NUMBER	[1A]	[1B]	[2A]	[2B]
DESIGN DIMENSION	0.5006 0.5000	0.3756 0.3750	0.6882 0.6875	0.5627 0.5620
REPAIR LIMIT	0.5606 1	---	0.7482 1	---

TABLE A

Rudder Assembly Bushing Replacement
Figure 601 (Sheet 2 of 3)

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RUDDER STATIONS	FITTING ASSEMBLIES	BUSHINGS	FITTINGS
7.0	370	375,380	385
74.8	425	430,435	440
129.7	455	460,465	470
184.7	485	490,495	500
239.6	530	535,540	545
257.9	555	565,570	575
276.2	560	565,570	580

TABLE B

1 SIZE LIMIT FOR THE INSTALLATION OF THE SPECIFIED OVERSIZED REPAIR BUSHING. SEE FIGURE 603 FOR REPAIR BUSHING DIMENSIONS

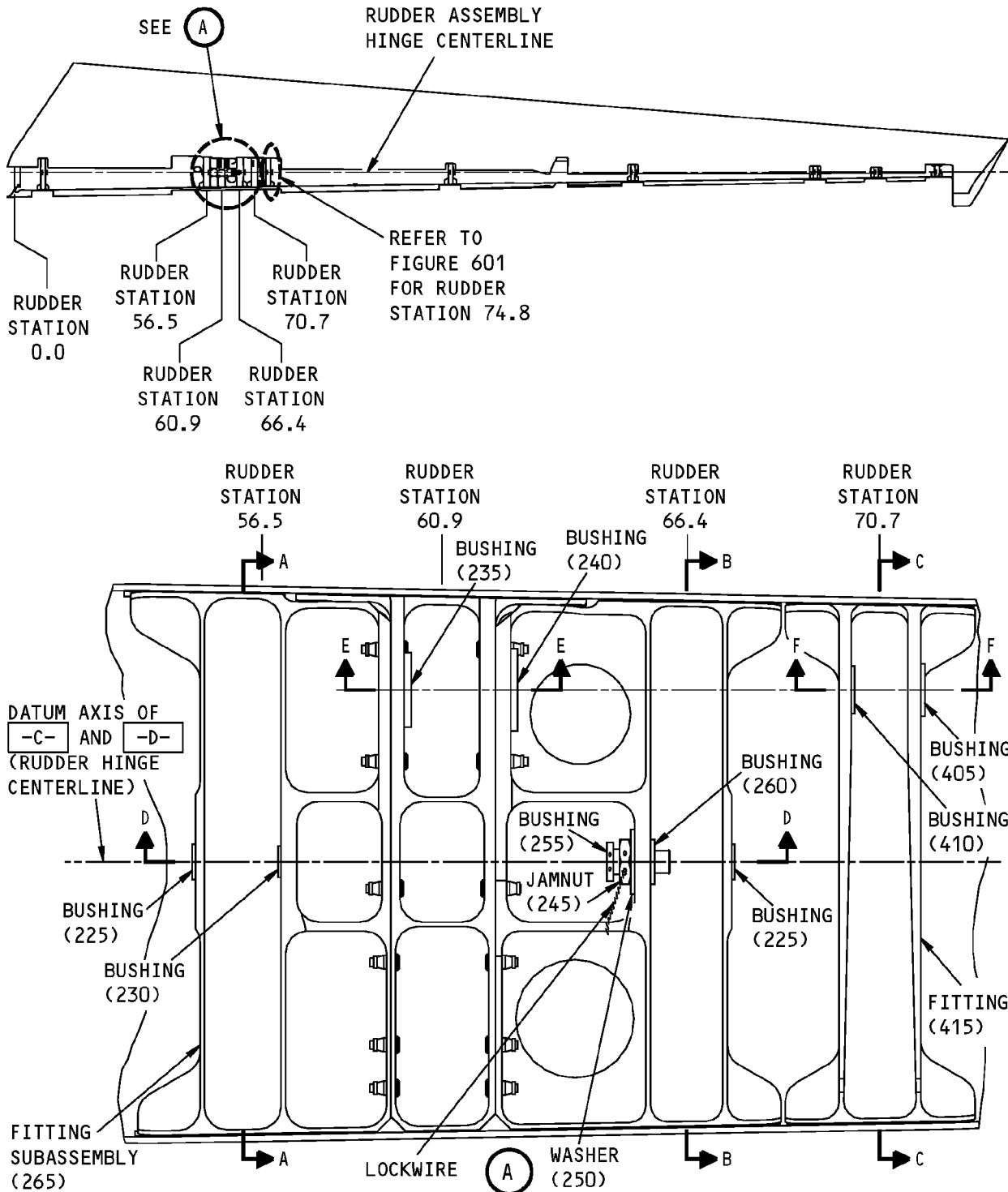
ITEM NUMBERS REFER TO IPL FIG. 14
ALL DIMENSIONS ARE IN INCHES

Rudder Assembly Bushing Replacement
Figure 601 (Sheet 3 of 3)

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Rudder Assembly Bushing Replacement
Figure 602 (Sheet 1 of 5)

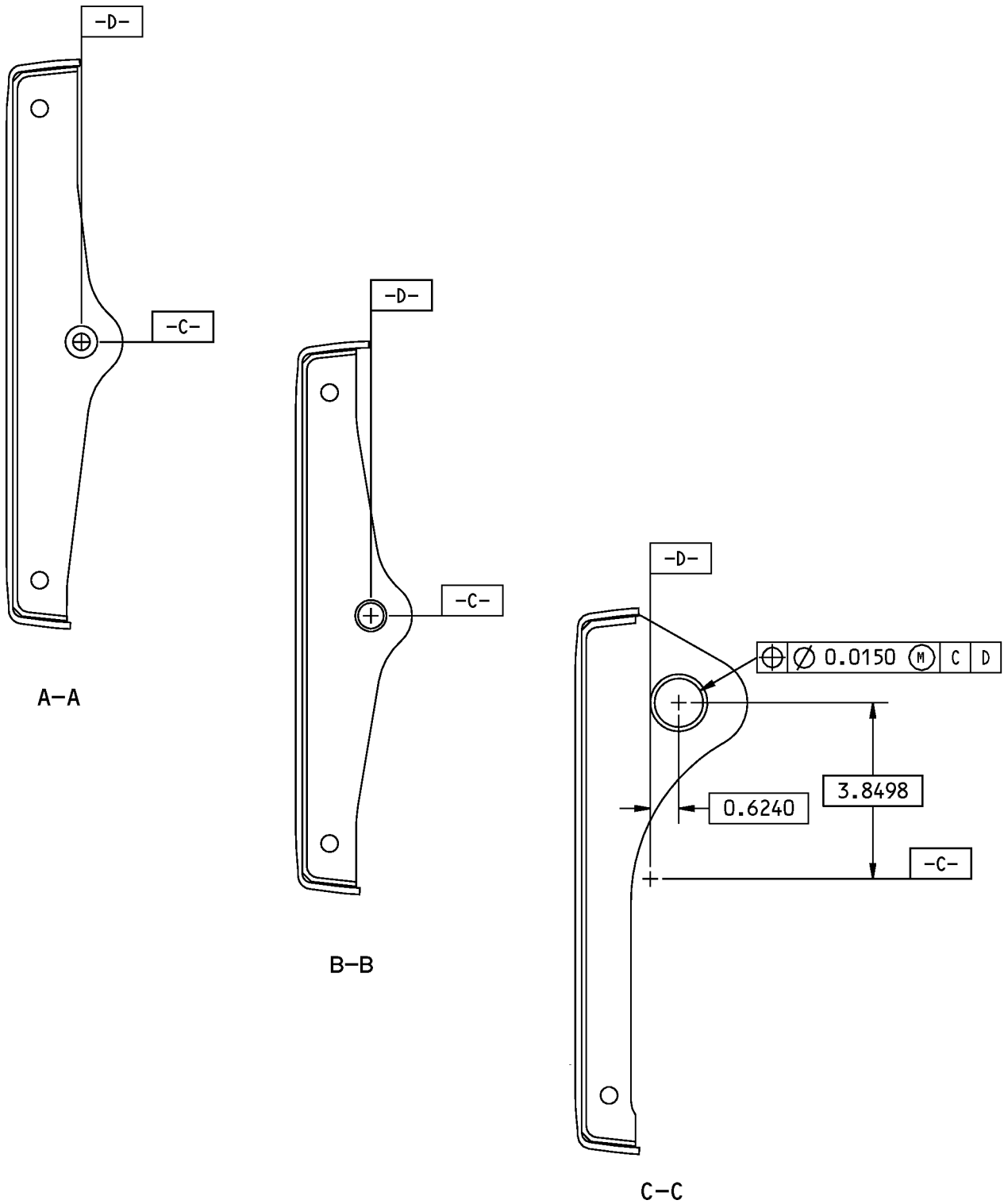
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Rudder Assembly Bushing Replacement
Figure 602 (Sheet 2 of 5)

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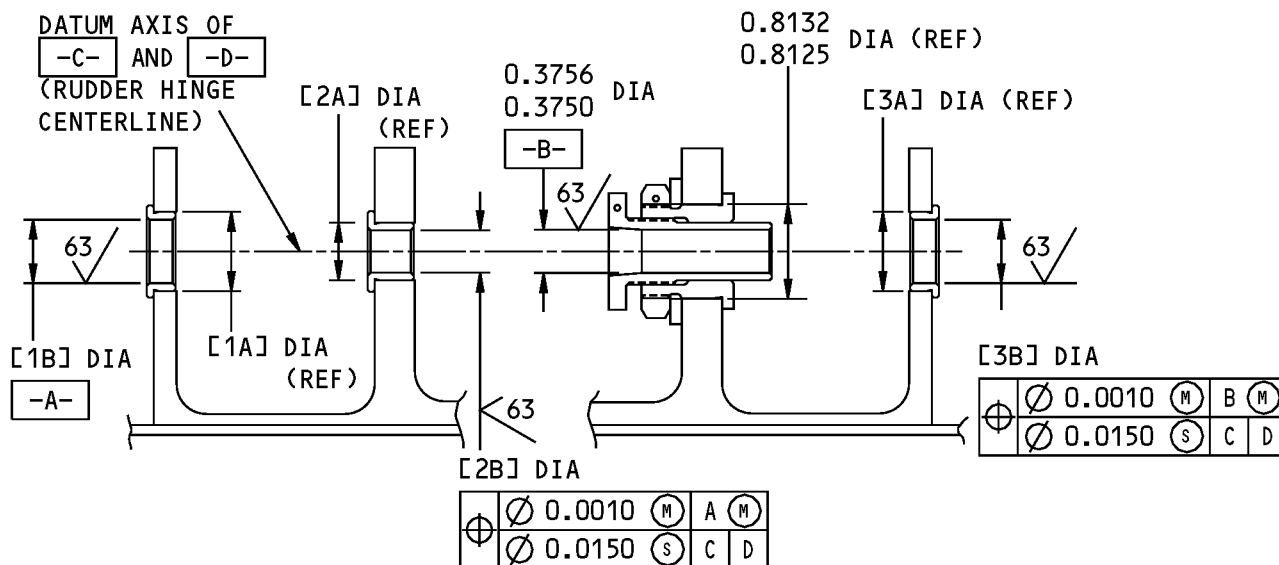
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D-D

SEE TABLE A FOR DESIGN DIMENSIONS AND REPAIR LIMITS

REFERENCE NUMBER	[1A]	[1B]	[2A]	[2B]	[3A]	[3B]
DESIGN DIMENSION	0.6882 0.6875	0.5627 0.5620	0.5006 0.5000	0.3756 0.3750	0.6882 0.6875	0.5627 0.5620
REPAIR LIMIT	0.7482 1	---	0.5606 1	---	0.7482 1	---

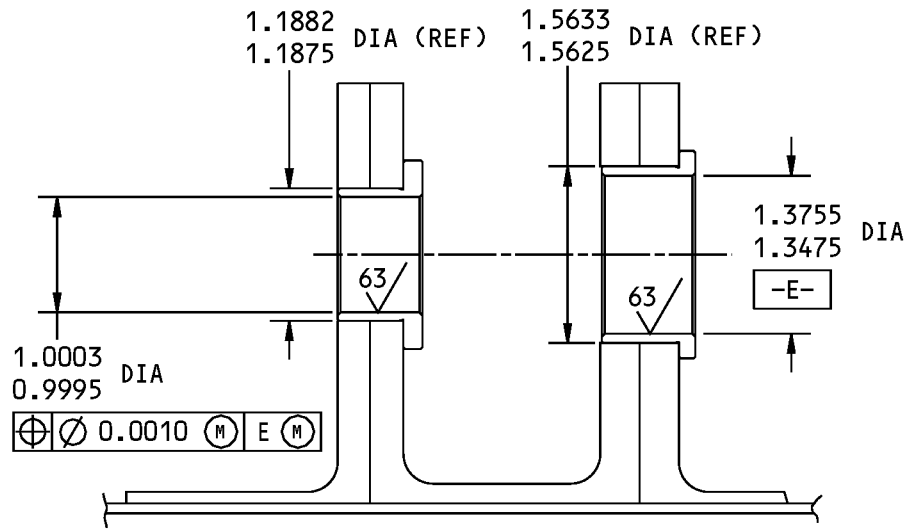
TABLE A

Rudder Assembly Bushing Replacement
Figure 602 (Sheet 3 of 5)

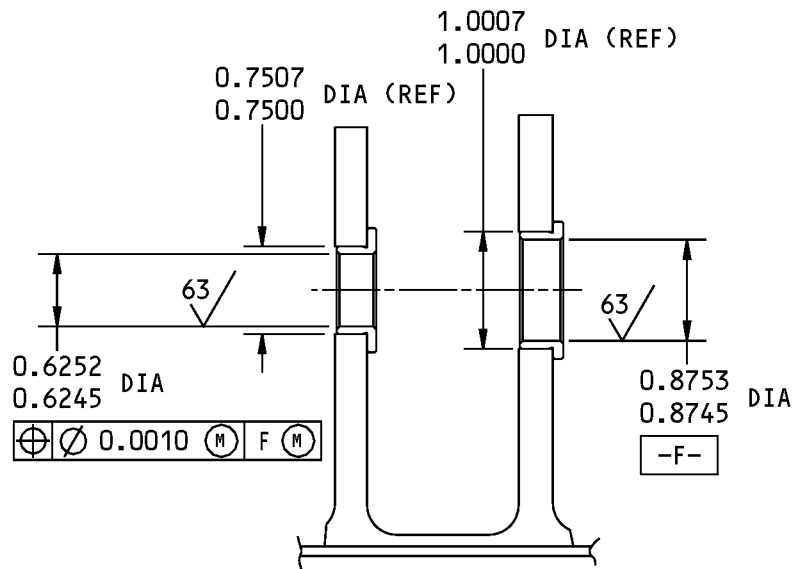
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E-E



F-F

Rudder Assembly Bushing Replacement
Figure 602 (Sheet 4 of 5)

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RUDDER STATIONS	FITTING ASSEMBLY	BUSHINGS
56.5	220	225, 230
60.9	220	235, 240
66.4	220	255, 260
70.7	400	405, 410

TABLE B

① SIZE LIMIT FOR THE INSTALLATION OF THE SPECIFIED OVERSIZED REPAIR BUSHING. SEE FIGURE 603 FOR REPAIR BUSHING DIMENSIONS

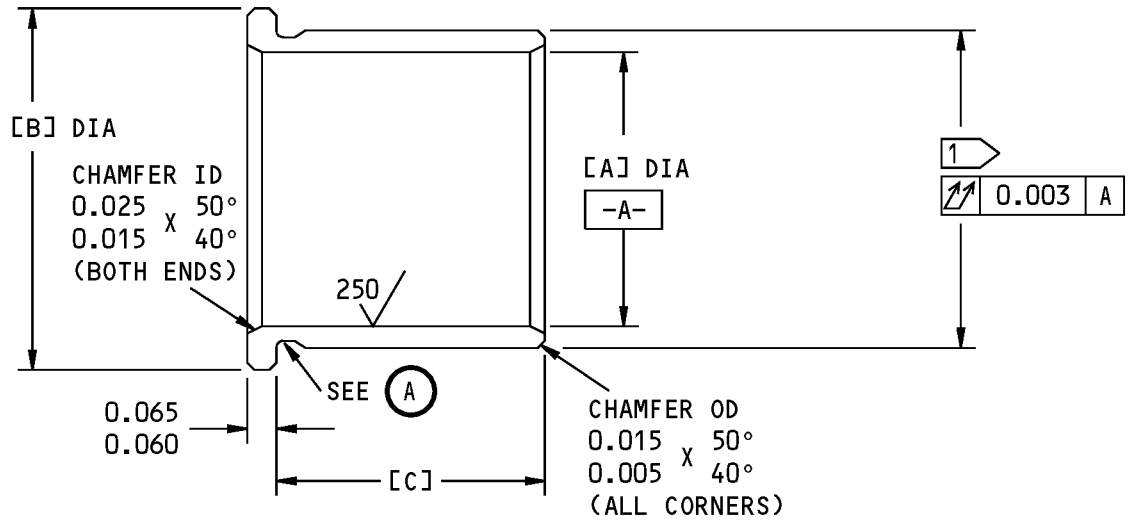
ITEM NUMBERS REFER TO IPL FIG. 14
ALL DIMENSIONS ARE IN INCHES

Rudder Assembly Bushing Replacement
Figure 602 (Sheet 5 of 5)

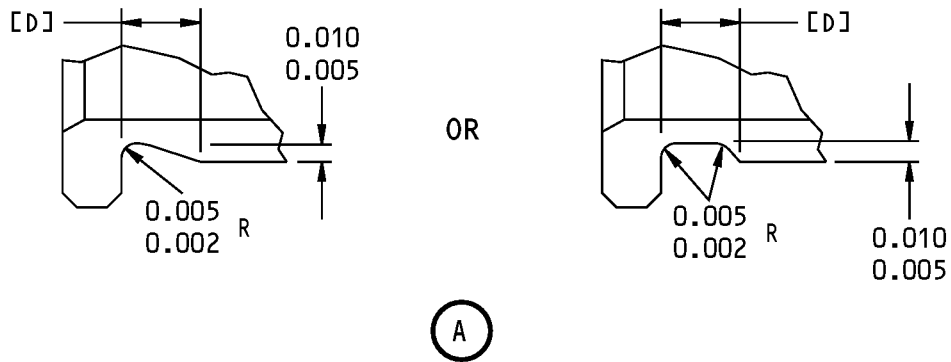
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OVERSIZE REPLACEMENT FOR BUSHING
SEE TABLE A FOR DETAIL DIMENSIONS



Oversize Bushing Details
Figure 603 (Sheet 1 of 3)

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HOLE LOCATION	RUDDER STATION (REF)	REPLACES BUSHING (IPL FIG. 14)	[A]	[B]	[C]	[D]	INTERFERENCE
FIG. 601 [1A]	7.0	BACB28AT09B019C (375)	0.553 0.547	0.810 0.800	0.190 0.185	0.030 0.015	0.0018 0.0006
	74.8	BACB28AT09B018C (430)	0.553 0.547	0.810 0.800	0.180 0.175	0.030 0.015	0.0018 0.0006
	129.7	BACB28AT09B021C (460)	0.553 0.547	0.810 0.800	0.210 0.205	0.030 0.015	0.0018 0.0006
	184.7	BACB28AT09B016C (490)	0.553 0.547	0.810 0.800	0.160 0.155	0.030 0.015	0.0018 0.0006
	239.6	BACB28AT09B014C (535)	0.553 0.547	0.810 0.800	0.140 0.135	---	0.0018 0.0006
	257.9	BACB28AT09B016C (565)	0.553 0.547	0.810 0.800	0.160 0.155	0.030 0.015	0.0018 0.0006
	276.2	BACB28AT09B016C (565)	0.553 0.547	0.810 0.800	0.160 0.155	0.030 0.015	0.0018 0.0006
FIG. 601 [2A]	7.0	BACB28AP06P019 (380)	0.366 0.359	0.710 0.700	0.190 0.185	0.030 0.015	0.0015 0.0004
	74.8	BACB28AP06P019 (435)	0.366 0.359	0.710 0.700	0.190 0.185	0.030 0.015	0.0015 0.0004
	129.7	BACB28AP06P021 (465)	0.366 0.359	0.710 0.700	0.210 0.205	0.030 0.015	0.0015 0.0004
	184.7	BACB28AP06P017 (495)	0.366 0.359	0.710 0.700	0.170 0.165	0.030 0.015	0.0015 0.0004
	239.6	BACB28AP06P013 (540)	0.366 0.356	0.710 0.700	0.130 0.125	---	0.0015 0.0004
	257.9	BACB28AP06P017 (570)	0.366 0.359	0.710 0.700	0.170 0.165	0.030 0.015	0.0015 0.0004
	276.2	BACB28AP06P017 (570)	0.366 0.359	0.710 0.700	0.170 0.165	0.030 0.015	0.0015 0.0004
FIG. 602 [1A]	56.5	BACB28AT09B019C (225)	0.553 0.547	0.810 0.800	0.190 0.185	0.030 0.015	0.0018 0.0006
FIG. 602 [2A]	56.5	BACB28AP06P034 (230)	0.366 0.359	0.710 0.700	0.340 0.335	0.060 0.030	0.0015 0.0004
FIG. 602 [3A]	66.4	BACB28AT09B019C (225)	0.553 0.547	0.810 0.800	0.190 0.185	0.030 0.015	0.0018 0.0006

TABLE A

Oversize Bushing Details
Figure 603 (Sheet 2 of 3)

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1 THE OUTSIDE DIAMETER OF THE BUSHING AFTER PLATING IS EQUAL TO THE INSIDE DIAMETER OF THE LUG HOLE PLUS THE INTERFERENCE SHOWN IN TABLE A

63/ ALL MACHINED SURFACES UNLESS SHOWN DIFFERENTLY

MATERIAL:

FOR BACB28AP REPLACEMENT BUSHINGS:
USE 15-5PH OR 17-4PH CORROSION RESISTANT STEEL.

CADMIUM PLATE OR ZINC-NICKLE PLATE
ALL SURFACES EXCEPT INSIDE THE BORE

FOR BACB28AT REPLACEMENT BUSHINGS:
USE ALUMINUM-BRONZE PER AMS 4640.
CADMIUM PLATE OR ZINC-NICKLE PLATE
ALL SURFACES EXCEPT INSIDE THE BORE

ALL DIMENSIONS ARE IN INCHES

Oversize Bushing Details
Figure 603 (Sheet 3 of 3)

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ASSEMBLY

1. General

- A. This procedure has the data necessary to assemble the rudder assembly (IPL Figure 1; 1A).
- B. Refer to the Standard Overhaul Practices Manual (SOPM) for the SOPM subjects identified in this procedure.
- C. Use standard industry practices and these steps.
- D. Refer to IPL Figure 1 thru IPL Figure 14 for item numbers.

2. Rudder Assembly

- A. Consumable Materials

NOTE: Equivalent substitutes may be used.

Reference	Description	Specification
A00247	Sealant - Pressure And Environmental - Chromate Type	BMS 5-95
A02315	Sealant - Low Density, Synthetic Rubber. 2 Part	BMS5-142
C00259	Primer - Chemical And Solvent Resistant Finish, Epoxy Resin	BMS10-11, Type I
C00308	Compound - Corrosion Preventive, Petrolatum Hot Application	MIL-C-11796
C00862	Coating - Chemical Conversion - Alodine 600	
C50056	Compound - Nondrying Resin Mix Corrosion Inhibiting Material	BMS 3-27

- B. References

Reference	Title
SOPM 20-11-03	REPAIR OF ELECTRICAL TERMINATIONS AND ELECTRICAL BONDING AREAS
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 20-50-01	BOLT AND NUT INSTALLATION
SOPM 20-50-11	APPLICATION OF AERODYNAMIC SMOOTHING SEALANT
SOPM 20-50-18	FASTENER INSTALLATION IN COMPOSITE STRUCTURES
SOPM 20-50-19	GENERAL SEALING
SOPM 20-60-02	FINISHING MATERIALS
SOPM 20-60-03	LUBRICANTS

- C. Procedure

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

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ASSEMBLY

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- (1) For installation of the rudder tip balance weight (IPL Figure 8, 110), the upper fairing (IPL Figure 8, 330), and the lower fairing assembly (IPL Figure 8; 340).
 - (a) See IPL Figure 8 for item numbers.
 - (b) If necessary, install the lower fairing assembly (340).
 - 1) Install the lower fairing assembly (340) with the four bolts (310) that do not require electrical bonding or application of corrosion resistant compound as shown in ASSEMBLY, Figure 701.
 - 2) Prepare the grounding surfaces as specified by SOPM 20-11-03, then install the four grounding bolts (310) as shown in ASSEMBLY, Figure 701. Tighten the four grounding bolts to 25 - 35 pound-inches (SOPM 20-50-01).
 - 3) Apply primer, C00259 (SRF-14.06) and corrosion preventive compound, C00308 (F-19.11) to the four remaining holes, then install the bolts (250, 280).
 - (c) If necessary, install the upper fairing (330).
 - 1) Install the upper fairing assembly (330) with the ten bolts (310) that do not require electrical bonding as shown in ASSEMBLY, Figure 701.
 - 2) Do not sand the conductive aluminum foil too much.

NOTE: IF YOU SAND THE CONDUCTIVE ALUMINUM FOIL TOO MUCH, THE PART MAY FAIL THE ELECTRICAL BONDING TEST IN THE FOLLOWING STEPS
 - 3) Prepare the area around each of the bolt holes as shown in ASSEMBLY, Figure 701 and as specified by SOPM 20-11-03 , category 6, except use the following special method to prepare the surface:

Remove the finish in a 0.65-0.85 inch area around each of the bolt holes as shown in ASSEMBLY, Figure 701. Sand each area with 100 grit or finer sand paper only until you can see the peaks of the conductive aluminum foil.
 - 4) Clean each of the sanded areas as specified by SOPM 20-30-03, then apply alodine 600 to the conductive aluminum foil.
 - 5) Install the washers (315) and the bolts (310) at eight locations as shown in ASSEMBLY, Figure 701.
 - 6) Apply sealant, A02315 to the heads of the bolts (310) as specified by SOPM 20-50-11 .
 - 7) Apply primer, C00259 (SRF-14.06) and corrosion preventive compound, C00308 (F-19.11) to the four remaining holes, then install the bolts (250, 280).
 - 8) Install the shims (65) with no sealant, A02315.
 - 9) Before you do the electrical bonding in ASSEMBLY, Paragraph 2.C.(1)(c)11), apply Alodine 600 coating, C00862 (F-17.28) to any areas of bare aluminum.
 - 10) Before you install the bolts (5, 10) in ASSEMBLY, Paragraph 2.C.(1)(c)11), apply sealant, A00247 to the nutplates (25) with a brush.
 - 11) Install the shims (65) with no sealant, A02315, then install the discharger assembly (45) and the and the splice plate (40) as specified by SOPM 20-11-03, category 6 with bolts (5, 10) and sealant, A00247 (F-19.48) as specified by SOPM 20-50-19.
 - 12) Do a resistance check between the tip support pan (265) and the discharger assembly (45) as specified by SOPM 20-11-03. Make sure that the measured resistance is not more that 0.01 ohm.

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ASSEMBLY

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- 13) Do a resistance check between a bolt (310) on each side of the fairing (330) and the discharger assembly (45) as specified by SOPM 20-11-03. Make sure that the resistance is not more than 0.50 ohm.

- (d) If necessary, install the rudder tip balance weight (110).

WARNING: BMS 3-27 CORROSION PREVENTIVE COMPOUND CONTAINS ASBESTOS, TOLUENE, XYLENE, STRONTIUM CHROMATE AND BARIUM CHROMATE. SPEAK TO THE APPLICABLE SAFETY-STANDARDS PERSONS FOR APPROVED HANDLING PRECAUTIONS.

- 1) Fay surface seal between the tip balance weight (110) with sealant, A00247 as specified by SOPM 20-50-19, then install the washers (85) and the bolts (70) with BMS 3-27 compound, C50056 (SOPM 20-60-02).
 - 2) Make sure that the mismatch between the tip balance weight (110) and the surfaces of the fairing (330), fairing assembly (340), and skin panels (IPL Figure 9; 390, IPL Figure 10; 285) are equal ± 0.015 inch.
 - 3) Fill the counterbore of the bolt (70) holes with sealant, A02315 as specified by SOPM 20-50-11. See ASSEMBLY, Figure 701.
 - 4) Fill the spaces along the edges of the skin, the fairings, and weight with sealant, A02315 as specified by SOPM 20-50-11, except do not fill some of the spaces as shown in ASSEMBLY, Figure 701.
- (2) Procedure for installation of the weight (IPL Figure 12; 170) and the skin panels (IPL Figure 12; 210, 245, 270, 275).
 - (a) See IPL Figure 12 for the item numbers.
 - (b) If necessary, install the weight (170).
 - 1) Fay surface seal between the weight (170) and the arm (330) with sealant, A00247 as specified by SOPM 20-50-19 .
 - 2) Apply compound, C50056 to the bolts (150), then install the bolts (150), the washers (155, 160) and the nuts (165).
 - (c) If necessary, install the skin panels (210, 245, 270, 275).
 - 1) Apply primer, C00259 (SRF-14.06) to all of the bolt (185, 215, 250) holes.
 - 2) Apply corrosion preventive compound, C00308 (F-19.11) to the bolt (185) holes, then install the skin panel (210) with the twelve non-grounding bolts (185).
 - 3) Prepare the two grounding bolt holes as specified by SOPM 20-11-03, and at the locations shown in ASSEMBLY, Figure 702, then install the remaining two bolts (185).
 - 4) Apply corrosion preventive compound, C00308 (F-19.11) to the bolt (210) holes, then install the skin panel (245) with the nineteen non-grounding bolts (215) and sealant, A00247 (F-19.27) as specified by SOPM 20-50-19.
 - 5) Prepare the hole for the grounding bolt as specified by SOPM 20-11-03, and at the location shown in ASSEMBLY, Figure 702, then install the remaining bolt (210) with sealant, A00247 (F-19.27) as specified by SOPM 20-50-19.
 - 6) Apply corrosion preventive compound, C00308 (F-19.11) to the bolt (250) holes, then install the skin panels (270, 275) with the twelve non-grounding bolts (215).

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ASSEMBLY

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- 7) Prepare the four grounding bolt holes as specified by SOPM 20-11-03 , and at the locations shown in ASSEMBLY, Figure 702, then install the remaining four bolts (250).
- (3) Install bolts (230, IPL Figure 11) with corrosion inhibiting compound, C50056. Tighten bolts (230, IPL Figure 11) as specified in SOPM 20-50-18.

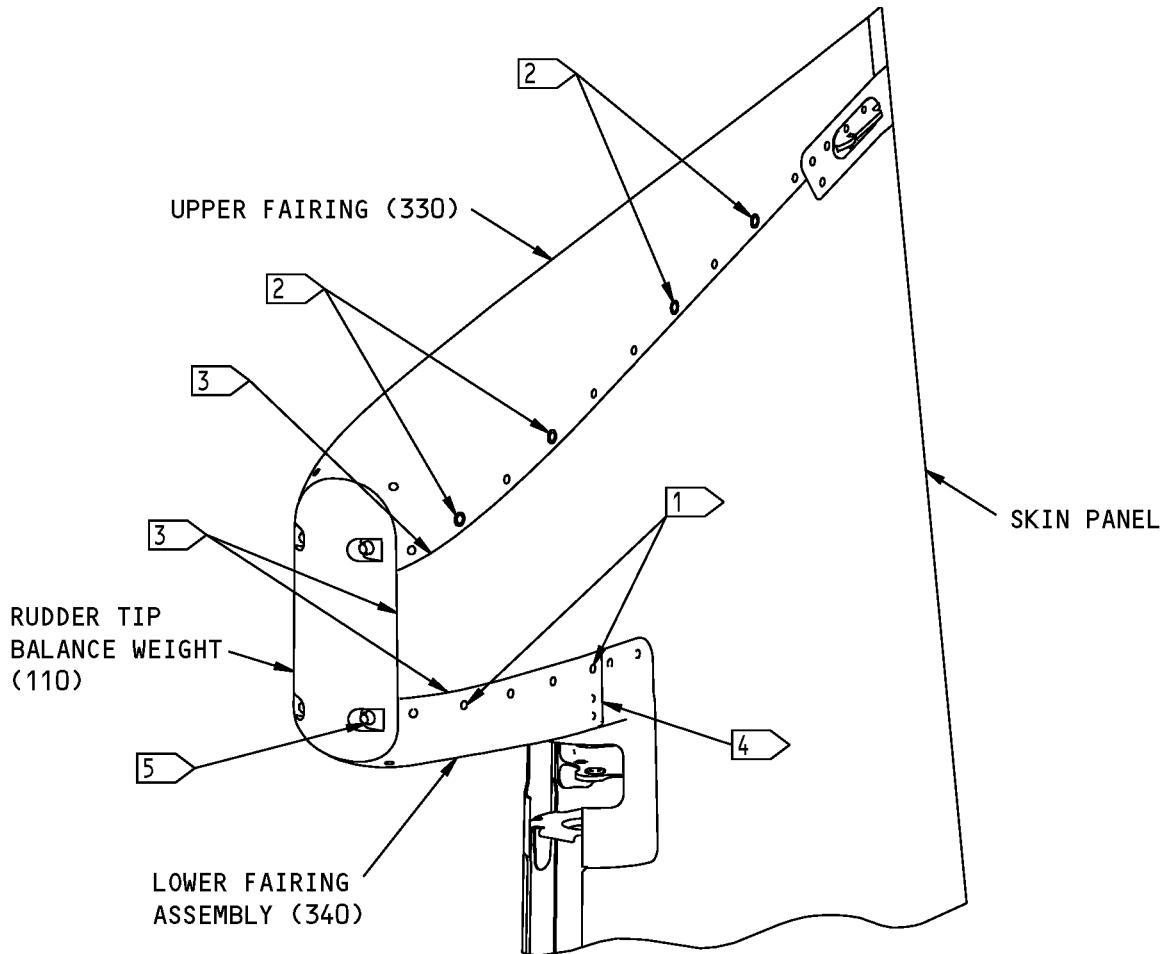
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ASSEMBLY

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1 PREPARE THE GROUNDING SURFACES AT THE TWO BOLT (IPL FIG. 8; 310) HOLE LOCATIONS ON EACH SIDE OF THE LOWER FAIRING ASSEMBLY (IPL FIG. 8; 340), AS SPECIFIED BY STEP 2.C.(2)

2 PREPARE THE GROUNDING SURFACES AT THE FOUR BOLT (IPL FIG. 8; 310) HOLE LOCATIONS ON EACH SIDE OF THE UPPER FAIRING (IPL FIG. 8; 330) AS SPECIFIED BY STEP 2.C.(3)

3 FILL THE SPACE WITH BMS 5-142 ON BOTH SIDES OF THE RUDDER ASSEMBLY

4 DO NOT FILL THIS SPACE WITH BMS 5-142

5 FILL THE COUNTERBORES OF THE FOUR BOLT (IPL FIG. 8; 70) LOCATIONS WITH BMS 5-142

ITEM NUMBERS REFER TO IPL FIG. 8

ALL DIMENSIONS ARE IN INCHES

Rudder Assembly
Figure 701

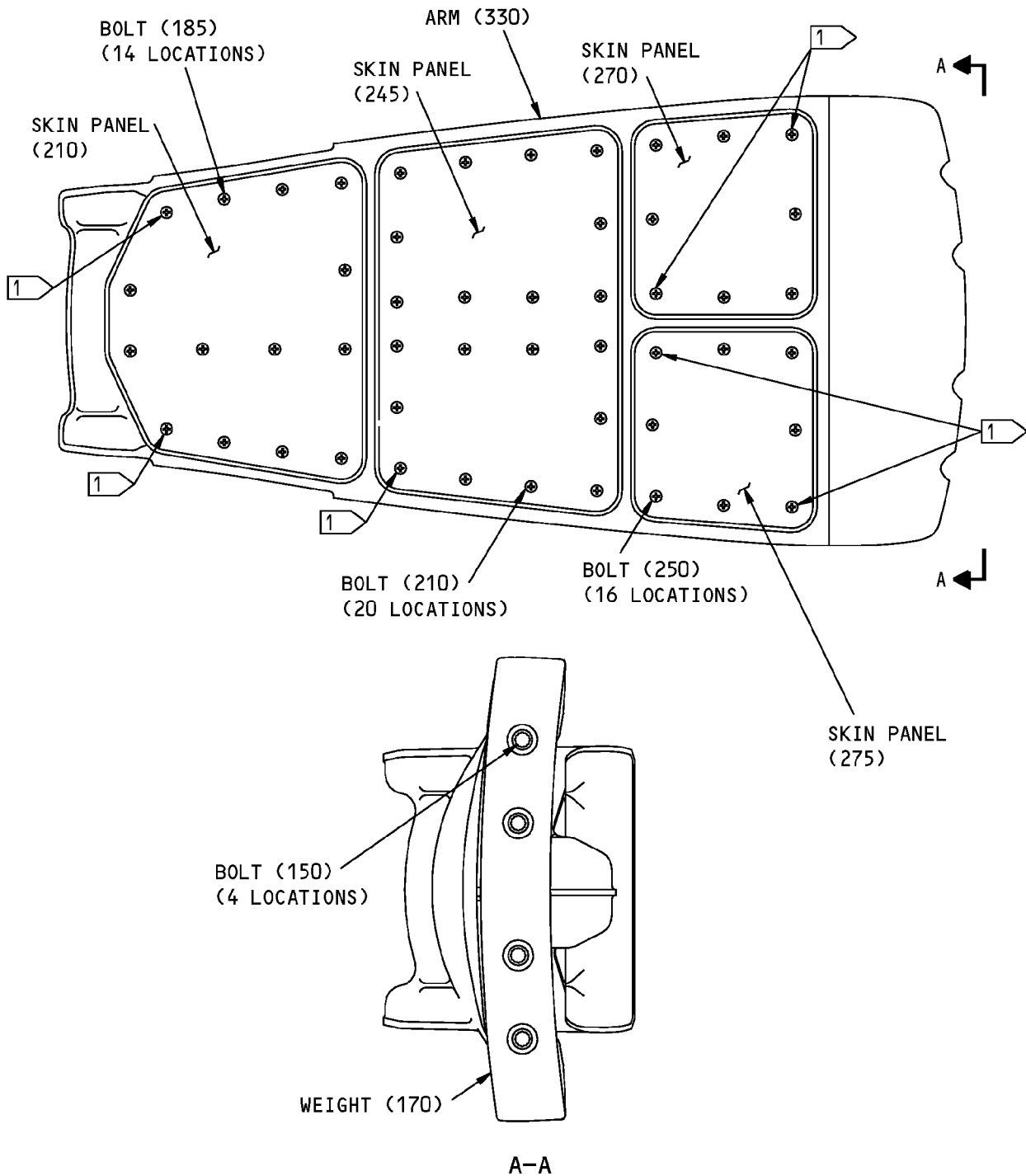
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ASSEMBLY

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1 GROUND FASTENER LOCATION

ITEM NUMBERS REFER TO IPL FIG. 12

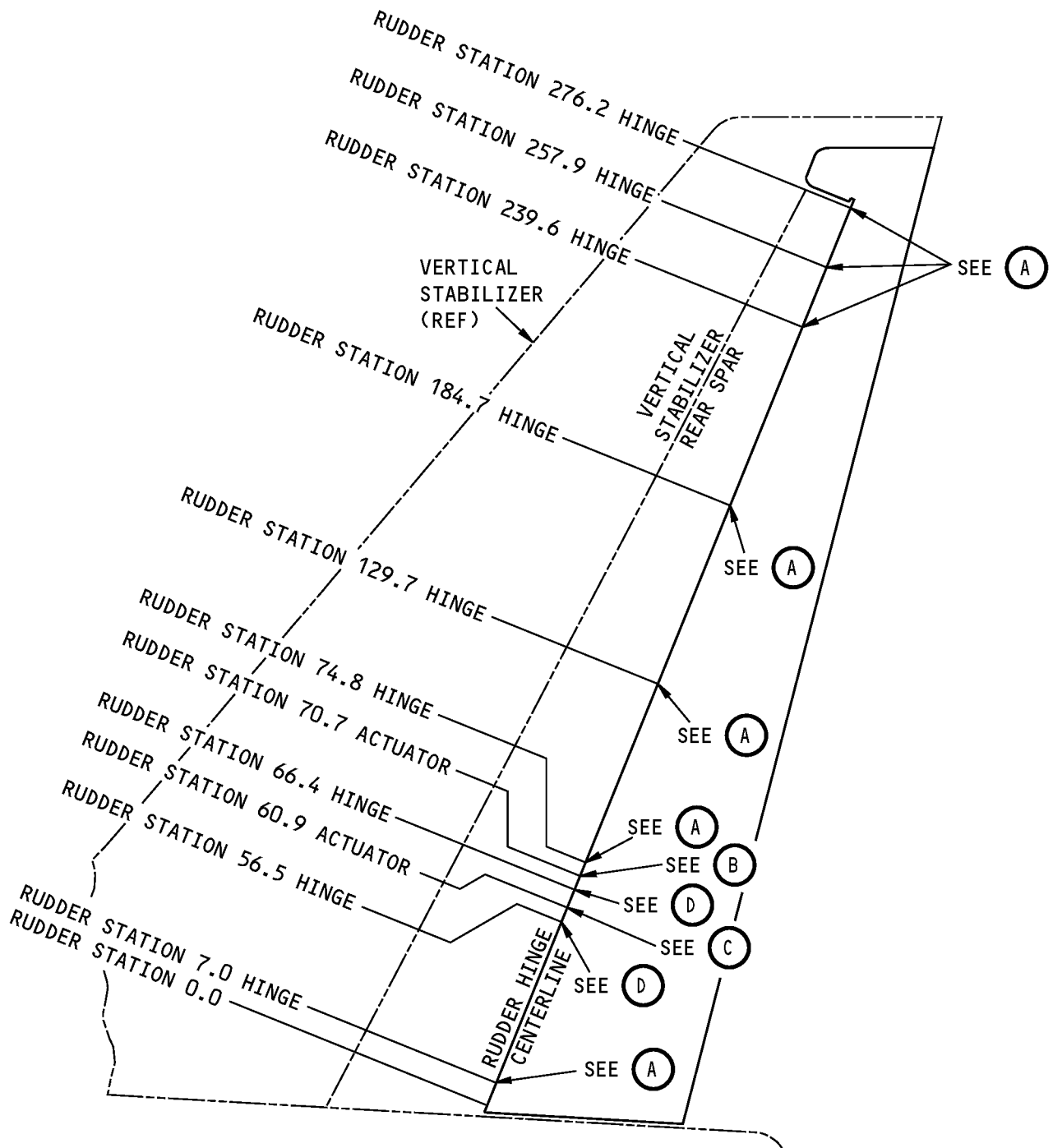
Rudder Assembly
Figure 702

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ASSEMBLY
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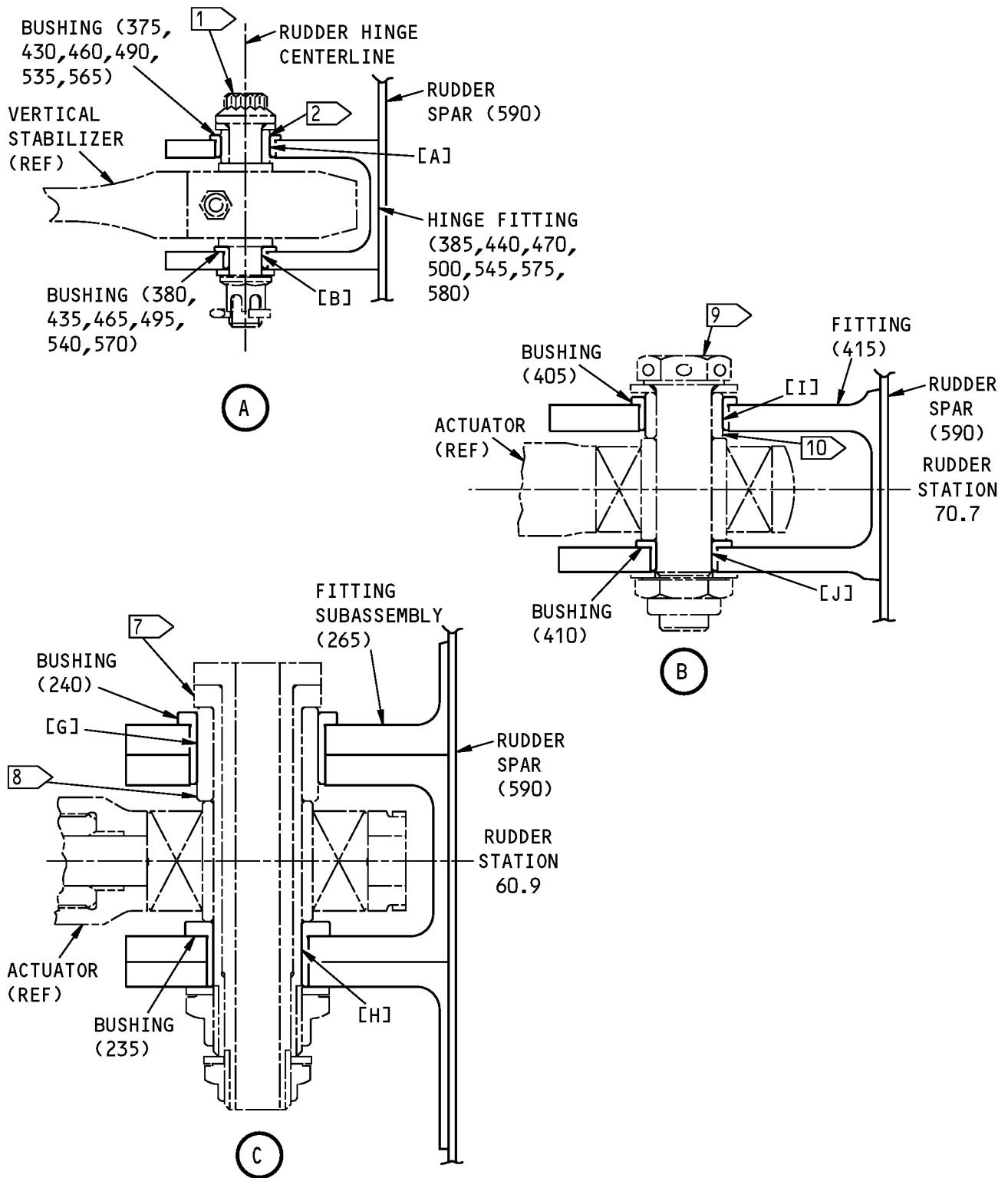
COMPONENT MAINTENANCE MANUAL

FITS AND CLEARANCES



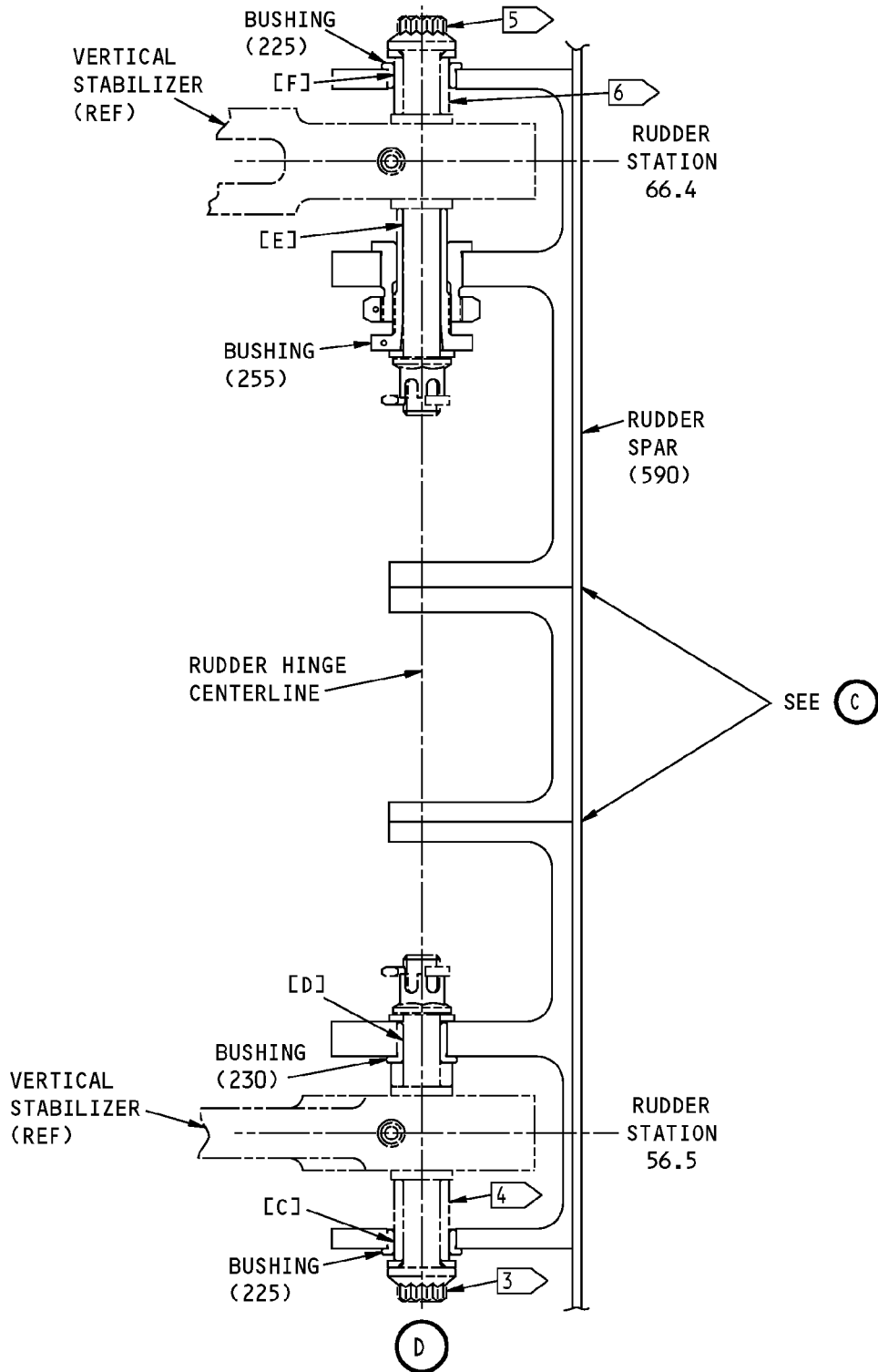
Fits and Clearances
Figure 801 (Sheet 1 of 5)

COMPONENT MAINTENANCE MANUAL



Fits and Clearances
Figure 801 (Sheet 2 of 5)

COMPONENT MAINTENANCE MANUAL



Fits and Clearances
Figure 801 (Sheet 3 of 5)



COMPONENT MAINTENANCE MANUAL

REF LETTER	REF IPL	DESIGN DIMENSION*				SERVICE WEAR LIMIT*		
	FIG. 14, MATING ITEM NO.	DIMENSION		ASSEMBLY CLEARANCE		DIMENSION		MAXIMUM CLEARANCE
		MIN	MAX	MIN	MAX	MIN	MAX	
[A]	ID BUSHING 375, 430,460,490, 535,565	0.5620	0.5627	0.0005	0.0017	---	0.5645	0.0050
	OD	0.5610	0.5615			0.5565	---	
[B]	ID BUSHING 380, 435,465,495, 540,570	0.3750	0.3756	0.0005	0.0016	---	0.3770	0.0050
	OD	0.3740	0.3745			0.3695	---	
[C]	ID BUSHING 225	0.5620	0.5627	0.0005	0.0017	---	0.5645	0.0050
	OD	0.5610	0.5615			0.5565	---	
[D]	ID BUSHING 230	0.3750	0.3756	0.0005	0.0016	---	0.3770	0.0050
	OD	0.3740	0.3745			0.3695	---	
[E]	ID BUSHING 255	0.3750	0.3755	0.0005	0.0015			
	OD	0.3740	0.3745					
[F]	ID BUSHING 225	0.5620	0.5627	0.0005	0.0017	---	0.5645	0.0050
	OD	0.5610	0.5615			0.5565	---	
[G]	ID BUSHING 240	1.3745	1.3755	0.0005	0.0030			
	OD	1.3725	1.3740					
[H]	ID BUSHING 235	0.9995	1.0003	0.0005	0.0023			
	OD	0.9980	0.9990					
[I]	ID BUSHING 405	0.8745	0.8753	0.0005	0.0018			
	OD	0.8735	0.8740					
[J]	ID BUSHING 410	0.6245	0.6252	0.0005	0.0017			
	OD	0.6235	0.6240					

* ALL DIMENSIONS ARE IN INCHES

Fits and Clearances
Figure 801 (Sheet 4 of 5)

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FITS AND CLEARANCES
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- 1 INSTALLATION BOLT BACB30LE6DU27
- 2 INSTALLATION BUSHING BACB28AK06-039
- 3 INSTALLATION BOLT BACB30LE6DU40
- 4 INSTALLATION BUSHING BACB28AK06-080
- 5 INSTALLATION BOLT BACB30LE6DU49
- 6 INSTALLATION BUSHING BACB28AK06-057
OR BACB28AK06-063
- 7 INSTALLATION BOLT 251A3415-1
- 8 INSTALLATION BUSHING BACB28AK16-105
- 9 INSTALLATION BOLT BACB30LJ10U33
- 10 INSTALLATION BUSHING BACB28AK10-050

ITEM NUMBERS REFER TO IPL FIG. 14
UNLESS SHOWN DIFFERENTLY

Fits and Clearances
Figure 801 (Sheet 5 of 5)

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REF IPL		NAME	TORQUE*	
FIG. NO.	ITEM NO.		POUND-INCHES	POUND-FEET
14	245	Jamnut	150-200	

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

* REFER TO SOPM 20-50-18 FOR TORQUE VALUES OF STANDARD FASTENERS INSTALLED IN COMPOSITES.

H16186 S00041003502_V2

Torque Table
Figure 802

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SPECIAL TOOLS, FIXTURES, AND EQUIPMENT

(NOT APPLICABLE)

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SPECIAL TOOLS, FIXTURES, AND EQUIPMENT

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COMPONENT MAINTENANCE MANUAL

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

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ILLUSTRATED PARTS LIST

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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
06725	AIR INDUSTRIES CORPORATION 12570 KNOTT STREET GARDEN GROVE, CALIFORNIA 92641-3932 FORMERLY AIR INDUSTRIES OF CALIF IN GARDENA, CALIF.
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 SCREW CORP SEE V.S.I. CORP SCREWCORP DIVISION
08524	Replaced: [V08524] DEUTSCH FASTENER CORP SEE CODE V97928 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 Referenced in FORMERLY line below [17419] DEUTSCH COMPANY THE WELLS FARGO BANK BLDG 2444 WILSHIRE BLVD #600 SANTA MONICA, CALIFORNIA 90403 FORMERLY DEUTSCH FASTENER CORP V08524 FORMERLY IN LOS ANGELES
OPTK6	SPS TECHNOLOGIES INC AEROSPACE PRODUCTS DIV 5195 W 4700 SALT LAKE CITY, UTAH 94118 SEE V56878 SPS TECHNOLOGIES INC

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Code	Name
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
15656	NATIONAL-STANDARD CO PERFORATED METALS PLANT 166 DUNDAFF ST, PO DRAWER 507 CARBONDALE, PENNSYLVANIA 18407-1565 FORMERLY NATIONAL-STANDARD CO CROSS PERFORATED METALS PLANT
17446	HUCK INTL INC AEROSPACE FASTENER DIV 900 WATSON CENTER ROAD CARSON, CALIFORNIA 90745-4201 FORMERLY V32134 REXNORD INC; FORMERLY V97928 HUCK INTL
1GK47	R AND B ELECTRONICS INC 2374 NW DALLAS STREET GRAND PRAIRIE, TEXAS 75050
27238	BRISTOL INDUSTRIES 630 EAST LAMBERT ROAD PO BOX 630 BREA, CALIFORNIA 92621-4119
52825	HOFFMAN CAMERA CORP 19 GRAND AVENUE FARMINGTON, NEW YORK 11735-6315
52828	REPUBLIC FASTENER MFG CORP 1300 RANCHO CONEJO BLVD NEWBURY PARK, CALIFORNIA 91320-1405 FORMERLY IN SYLMAR, CALIFORNIA

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COMPONENT MAINTENANCE MANUAL

Code	Name
53551	ALLFAST FASTENING SYSTEMS INC 15200 EAST DON JULIAN ROAD PO BOX 3166 CITY OF INDUSTRY, CALIFORNIA 91745-1001 FORMERLY V0736B FORMERLY ALLFAST INC V5K545
55635	DAYTON-GRANGER INC 3299 SW 9TH AVENUE PO BOX 350550 FT LAUDERDALE, FLORIDA 33335 FORMERLY DAYTON-GRAINGER V1056B; GRANGER ASSOCIATES V08935 FORMERLY IN CALIFORNIA
56878	SPS TECHNOLOGIES INC AEROSPACE AND INDUSTRIAL PRODUCTS DIV 301 HIGHLAND AVE JENKINTOWN, PENNSYLVANIA 19046 FORMERLY STANDARD PRESSED STEEL FORMERLY IN SALT LAKE, UTAH
5M902	ALCOA GLOBAL FASTENERS INC, DIV OF VOI-SHAN PRODUCTS 3000 W LOMITA BLVD TORRANCE, CALIFORNIA 90505-5103 FORMERLY FAIRCHILD INC INC FAIRCHILD AEROSPACE FASTENERS DIV
60119	MONADNOCK CO THE 18301 ARENTH AVENUE ROWLAND HEIGHTS, CALIFORNIA 91748-1288 FORMERLY UNITED CARR FASTENER CORP VB0051 VB0056 VB0076 FORMERLY TRW ELECTRONIC COMPONENTS CINCH-MONADNOCK DIV FORMERLY CINCH-MONADNOCK DIV OF TRW INC V76530 FORMERLY IN CITY OF INDUSTRY, CALIFORNIA
60156	CORTEST INC 3653 LOST NATION RD WILLOUGHBY, OHIO 44094-7796
60516	WEST COAST AEROSPACE INC 812 MIRAFLORES STREET SAN PEDRO, CALIFORNIA 90731-1439

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Code	Name
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
73197	HI-SHEAR TECHNOLOGY CORP 2600 SKYPARK DRIVE TORRANCE, CALIFORNIA 90509
80539	SPS TECHNOLOGIES INC DIV AERPSOACE - SANTA ANA 2701 SOUTH HARBOR BOULEVARD SANTA ANA, CALIFORNIA 92704-5803 FORMERLY NUTT-SHEL DIV OF SPC WESTERN CO V80539 AND STANDARD PRESSED STEEL WESTERN DIV V17279
91812	ESTERLINE MASON 13955 BALVOA ROAD SYLMAR, CALIFORNIA 91342 FORMERLY JANCO CORPORATION
92215	FAIRCHILD IND INC FAIRCHILD AEROSPACE FASTENER DIV 3010 W LOMITA BLVD TORRANCE, CALIFORNIA 90505-5102 FORMERLY VOI-SHAN IN CULVER CITY, CALIF
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
98996	OLYMPIC FASTENING SYSTEMS INC DOWNEY, CALIFORNIA 90241-4986 OBSOLETE RECORD

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Code	Name
A8053	SAIET SPA VIA DEL VETRAIO 21 BOLOGNA, ITALY 40138
F0224	SIMMONDS SA FAIRCHILD FASTENERS ST COSME ST COSME EN VAIRAIS F-72580, FRANCE

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NUMERICAL INDEX

PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
102A9212-4		1	1B	1
		9	15	1
		9	15B	1
102A9213-2-3		10	20	1
		10	20B	1
		8	290	4
		11	245	11
		11	338	2
		12	195	8
102A9213-3-3		12	225	4
		11	240	11
		11	240A	9
		11	240B	9
		12	230	6
102A9213-4-3		8	260	4
		12	205	4
		12	240	6
		12	260	2
102A9213-5-3		12	200	2
		12	235	4
		12	265	14
102F9201-4		8	105	4
102F9207P3		13	25	1
104F9213-2-3		8	30	2
104F9213-3-3		8	25	4
		8	200	4
		8	325	24
104F9213-4-3		8	195	2
109F9201-3		2	105	1
		8	35	2
		8	150	2
109LH90315		12	165	4
109LH9075-3W		9	290	4
		9	330	2

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
109LH9075-4W		9	310	1
16335		8	55	1
		9	375	1
173A0100-678		1	2	RF
173A0103-1		1	3	RF
173A0103-10		1	3J	RF
173A0103-2		1	3A	RF
173A0103-3		1	3B	RF
173A0103-4		1	3C	RF
173A0103-5		1	3D	RF
173A0103-6		1	3E	RF
173A0103-7		1	3F	RF
173A0103-8		1	3G	RF
173A0103-9		1	3H	RF
173A1001-1		1	5	1
		1	5A	1
		2	1A	RF
		2	1B	RF
173A1001-2		1	5B	1
		2	1C	RF
173A1001-4		1	5C	1
		2	1E	RF
173A1002-1		1	10	1
		1	10A	1
		3	1A	RF
		3	1B	RF
173A1005-1		1	15	1
		1	15A	1
		4	1A	RF
		4	1B	RF
173A1006-1		1	20	1
		1	20A	1
		5	1A	RF
		5	1B	RF
173A1007-1		1	25	1

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
173A1008-1		1	25A	1
		6	1A	RF
		6	1B	RF
		1	30	1
		1	30A	1
		7	1A	RF
		7	1B	RF
173A1101-1		2	55	1
173A1101-3		2	55A	1
173A1101-4		2	55B	1
173A1102-1		3	15	1
173A1105-1		4	15	1
173A1106-1		5	15	1
173A1107-1		6	15	1
173A1108-1		7	25	1
173A1112-1		2	40	1
173A1112-2		2	110	1
173A1113-1		2	45	1
173A1113-2		2	65	1
173A1113-3		2	60	1
173A1113-4		2	70	1
173A1113-5		2	75	6
173A1114-1		2	130	1
173A1114-2		2	135	1
173A1114-3		2	140	1
173A1114-4		2	145	1
173A1114-5		2	150	1
173A1114-6		2	155	1
173A2001-1		1	65	1
173A2001-2		14	1A	RF
		1	65A	1
		1	65B	1
		14	1B	RF
		14	1C	RF
173A2001-3		1	65C	1

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
		14	1D	RF
173A2001-4		1	65D	1
		14	1E	RF
173A2001-5		1	65E	1
		14	1F	RF
173A2100-1		14	590	1
173A2101-1		8	155	1
		14	100	1
173A2101-10		14	130	1
173A2101-11		14	135	1
173A2101-2		14	170	1
173A2101-3		8	155A	1
173A2101-4		12	50	1
173A2101-5		14	175	1
173A2101-6		14	180	1
173A2101-7		7	15	1
173A2101-8		14	120	1
173A2101-9		14	125	1
173A2200-1		14	220	1
173A2200-2		14	265	1
173A2200-3		14	220A	1
173A2200-4		14	265A	1
173A2202-1		14	400	1
173A2202-2		14	415	1
173A2203-1		14	425	1
173A2203-2		14	440	1
173A2204-1		14	455	1
173A2204-2		14	470	1
173A2205-1		14	485	1
173A2205-2		14	500	1
173A2206-1		14	530	1
173A2206-2		14	545	1
173A2207-1		14	560	1
173A2207-2		14	580	1
173A2208-1		14	370	1

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
173A2208-2		14	385	1
173A2209-1		14	555	1
173A2209-2		14	575	1
173A2220-1		14	305	1
173A2220-3		14	310	1
173A2220-5		14	315	1
173A2220-7		14	310A	1
173A2220-9		14	315A	1
173A2221-1		14	260	1
173A2221-3		14	255	1
173A2221-5		14	245	1
173A3101-1		14	25	1
173A3101-10		14	70	1
173A3101-11		14	75	1
173A3101-12		14	80	1
173A3101-13		14	85	1
173A3101-14		14	32	1
173A3101-15		14	37	1
173A3101-2		14	30	1
173A3101-3		14	35	1
173A3101-4		14	40	1
173A3101-5		14	45	1
173A3101-6		14	50	1
173A3101-7		14	55	1
173A3101-8		14	60	1
173A3101-9		14	65	1
173A3102-1		14	195	1
		14	195A	1
173A3102-2		14	195B	1
173A4000-1		1	40	1
		9	1A	RF
173A4000-10		1	45D	1
		10	1E	RF
173A4000-11		1	50B	1
		11	1C	RF

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
173A4000-12		1	50C	1
		11	1D	RF
173A4000-13		1	50D	1
		11	1E	RF
173A4000-15		1	45E	1
		9	1F	RF
173A4000-16		1	40E	1
		10	1F	RF
173A4000-2		1	45	1
		10	1A	RF
173A4000-3		1	50	1
		1	50A	1
		11	1A	RF
		11	1B	RF
173A4000-5		1	40A	1
		9	1B	RF
173A4000-6		1	45A	1
		10	1B	RF
173A4000-7		1	40B	1
		1	40C	1
		9	1C	RF
		9	1D	RF
173A4000-8		1	45B	1
		1	45C	1
		10	1C	RF
		10	1D	RF
173A4000-9		1	40D	1
		9	1E	RF
173A4001-1		9	350	1
173A4001-2		10	275	1
173A4001-3		9	350A	1
173A4001-4		10	275A	1
173A4005-10		10	30	1
173A4005-5		9	170	1
		10	165	1

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
173A4005-7		9	30	1
		10	25	1
173A4005-9		9	25	1
173A4100-1		9	390	1
173A4100-13		9	390A	1
173A4100-2		10	285	1
173A4101-1		9	155	1
173A4101-2		10	155	1
173A4110-1		9	230	1
173A4110-2		10	235	1
173A4110-3		9	235	1
173A4110-4		10	240	1
173A4200-1		9	385	1
173A4200-2		10	280	1
173A4201-1		9	365	1
173A4201-2		9	380	1
173A4201-3		8	60	1
173A4201-4		8	40	1
173A4201-5		8	45	1
173A4202-1		9	295	1
173A4203-1		9	335	1
173A4203-2		9	340	1
173A4300-1		11	105	1
173A4300-11		8	210	1
173A4300-12		8	230	1
173A4300-13		11	340	1
173A4300-14		11	445	1
173A4300-15		11	315	1
173A4300-16		11	395	1
173A4300-17		11	260	1
173A4300-18		11	365	1
173A4300-23		11	420A	1
173A4300-24		11	440A	1
173A4300-25		11	290A	2
173A4300-26		11	310A	1

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
173A4300-27		11	105A	1
173A4300-28		11	85A	1
173A4300-29		11	65A	1
173A4300-3		11	85	1
173A4300-30		11	45A	1
173A4300-31		11	25A	1
173A4300-32		8	210A	1
173A4300-33		8	230A	1
173A4300-34		11	340A	1
173A4300-35		11	445A	1
173A4300-36		11	315A	1
173A4300-37		11	395A	1
173A4300-38		11	260A	1
173A4300-39		11	365A	1
173A4300-40		11	420B	1
173A4300-41		11	440B	1
173A4300-42		11	340B	1
173A4300-43		11	445B	1
173A4300-44		11	315B	1
173A4300-45		11	395B	1
173A4300-46		11	260B	1
173A4300-47		11	365B	1
173A4300-48		11	336	1
		11	336A	1
173A4300-49		11	339M	1
173A4300-5		11	65	1
173A4300-50		11	416	1
		11	416A	1
173A4300-51		11	419	1
173A4300-7		11	45	1
173A4300-9		11	25	1
173A4301-1		11	150	1
173A4301-2		11	155	1
173A4301-3		11	140	1
173A4301-4		11	145	1

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
173A4301-5		11	150A	1
173A4301-6		11	155A	1
173A4301-7		11	140A	1
173A4301-8		11	145A	1
173A4302-1		8	220	1
173A4302-2		8	240	1
173A4302-3		8	220A	1
173A4302-4		8	240A	1
173A4310-1		11	120	1
173A4310-11		11	360	1
173A4310-12		11	465	1
173A4310-13		11	335	1
173A4310-14		11	415	1
173A4310-17		11	285	1
173A4310-18		11	390	1
173A4310-19		11	280	1
173A4310-20		11	385	1
173A4310-21		11	350	1
173A4310-22		11	455	1
173A4310-23		11	325	1
173A4310-24		11	405	1
173A4310-25		11	270	1
173A4310-26		11	375	1
173A4310-27		11	110	1
173A4310-29		11	115	1
173A4310-3		11	100	1
173A4310-31		11	90	1
173A4310-33		11	95	1
173A4310-35		11	70	1
173A4310-37		11	75	1
173A4310-39		11	50	1
173A4310-41		11	55	1
173A4310-43		11	30	1
173A4310-45		11	35	1
173A4310-47		8	215	1

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
173A4310-48		8	235	1
173A4310-49		11	355	1
173A4310-5		11	80	1
173A4310-50		11	460	1
173A4310-51		11	330	1
173A4310-52		11	410	1
173A4310-55		11	275	1
173A4310-56		11	380	1
173A4310-57		11	220	1
173A4310-58		11	350A	1
173A4310-59		11	455A	1
173A4310-60		11	325A	1
173A4310-61		11	405A	1
173A4310-62		11	270A	1
173A4310-63		11	375A	1
173A4310-64		11	355A	1
173A4310-65		11	461A	1
173A4310-66		11	330A	1
173A4310-67		11	410A	1
173A4310-68		11	275A	1
173A4310-69		11	380A	1
173A4310-7		11	60	1
173A4310-70		11	120A	1
173A4310-71		11	100A	1
173A4310-72		11	80A	1
173A4310-73		11	60A	1
173A4310-74		11	40A	1
173A4310-9		11	40	1
173A4311-1		11	205	1
173A4311-10		11	185	1
		11	187	1
173A4311-11		11	205A	1
173A4311-12		11	210A	1
173A4311-13		11	175A	1
173A4311-14		11	180A	1

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
173A4311-15		11	190A	1
173A4311-16		11	192A	1
173A4311-17		11	185A	1
173A4311-18		11	187A	1
173A4311-2		11	210	1
173A4311-3		11	195	1
173A4311-4		11	200	1
173A4311-5		11	175	1
173A4311-6		11	180	1
173A4311-7		11	165	1
173A4311-8		11	170	1
173A4311-9		11	190	1
		11	192	1
173A4320-1		11	435A	AR
173A4320-2		11	418	1
173A4320-3		11	339	1
173A5000-2		1	55	1
		12	1A	RF
173A5000-3		1	55A	1
		12	1B	RF
173A5000-4		1	55B	1
		1	55C	1
		12	1C	RF
		12	1D	RF
173A5000-5		12	43	AR
173A5000-6		1	55D	1
		12	1E	RF
173A5000-7		1	55E	1
		12	1F	RF
173A5001-2		12	145	1
173A5001-3		12	145A	1
173A5001-4		12	145B	1
173A5001-5		12	145C	1
173A5101-3		12	330	1
173A5102-1		12	210	1

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
173A5102-11		12	210A	1
173A5102-5		12	270	1
173A5102-7		12	275	1
173A5102-9		12	245	1
173A5103-1		12	170A	1
173A5103-3		12	170	1
173A5105-11		12	110A	1
173A5105-5		12	105	1
173A5105-7		12	110	1
173A5105-9		12	105A	1
173A5106-1		12	115	1
173A5106-3		12	90	2
173A5107-1		12	30	1
173A5107-2		12	35	1
173A5108-1		12	175	1
173A5108-2		12	180	1
173A5109-1		12	305	1
173A5109-10		12	320A	1
173A5109-2		12	310	1
173A5109-3		12	315	1
173A5109-4		12	320	1
173A5109-5		12	300	2
173A5109-7		12	305A	1
173A5109-8		12	310A	1
173A5109-9		12	315A	1
173A5201-1		12	80	1
173A5202-1		12	325	1
173A6000-1		1	35	1
		1	35A	1
		8	1A	RF
		8	1B	RF
173A6000-2		1	35B	1
		8	1C	RF
173A6005-1		8	65	2
173A6005-3		8	300	1

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
173A6005-4		8	295	1
173A6005-7		8	225	1
173A6005-8		8	245	1
173A6100-1		8	265	1
173A6100-2		8	115	1
173A6100-3		8	120	1
173A6101-1		8	110	1
173A6201-1		8	340	1
173A6210-1		8	330	1
173A6211-1		8	365	1
173A6211-2		8	350	1
183W1001-8		9	226	1
		10	231	1
251A3485-1		1	60	1
		1	60A	1
		13	1A	RF
		13	1B	RF
251A3486-1		13	15	1
251A3486-2		13	30	1
66014-6		11	267	5
		11	322	2
		11	347	5
		11	372	7
		11	402	2
		11	452	5
67832AS5		12	165	4
67832AS524		12	165	4
70188-104		9	143	1
70188-104U		9	228	1
		10	233	1
70188-3		2	95	1
70188-5		9	75	3
		10	75	3
70191-104		9	148	1
70191-104U		9	227	1

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
		10	232	1
70191-5		9	70	3
		10	70	3
740E20-32		9	315	1
922007-3		2	95	1
922007-4		9	143	1
922007-5		9	75	3
		10	75	3
922008-4		9	148	1
922008-5		9	70	3
		10	70	3
922009-4		9	228	1
		10	233	1
922010-4		9	227	1
		10	232	1
942007-3		2	95	1
942007-4		9	143	1
942007-5		9	75	3
		10	75	3
942008-4		9	148	1
942008-5		9	70	3
		10	70	3
942009-4		9	228	1
		10	233	1
942010-4		9	227	1
		10	232	1
97E02		9	290	4
		9	330	2
97E48		9	310	1
9NS202101SE048		9	310	1
AF5141-3-3		2	100	2
AF5141-3C		8	100	8
		8	185A	8
		8	255	8
		8	285	8

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
		11	15A	40
		11	235A	48
		11	235C	44
		11	235E	44
AF5141-3C3		12	190	28
		12	220	40
		12	255	32
B30NW6K4		11	266	5
		11	321	2
		11	346	5
B30NW6K5		11	371	7
		11	401	2
		11	451	5
B30NW8K6		9	220	1
		10	220	1
BAC1530-119		11	305	AR
BAC1530-31-1		11	435	AR
BACB28AP06P013		14	540	1
BACB28AP06P017		14	495	1
		14	570	1
BACB28AP06P019		14	380	1
		14	435	1
BACB28AP06P021		14	465	1
BACB28AP06P034		14	230	1
BACB28AP10P026		14	410	1
BACB28AP16P055		14	235	1
BACB28AT09B014C		14	535	1
BACB28AT09B016C		14	490	1
		14	565	1
BACB28AT09B018C		14	430	1
BACB28AT09B019C		14	225	2
		14	375	1
BACB28AT09B021C		14	460	1
BACB28AT14B028C		14	405	1
BACB28AT22B066C		14	240	1

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
BACB30LE4K9		8	70	4
BACB30LE5K55		12	150	4
BACB30LJ4U7		9	300	1
BACB30LK3-6		9	280	4
BACB30LR4K11		9	50	1
		9	140	2
		10	50	1
		10	135	2
BACB30LR5K12		9	45	1
		10	55	1
BACB30LT3K4		9	320	2
BACB30NM3K3		8	130	2
BACB30NM3K8		2	90	1
BACB30NN4K11		9	5	2
		10	5	2
I BACB30NN4K5		9	133	1
BACB30NN4K7		9	135	1
		10	140	1
BACB30NW6K4		11	266	5
		11	321	2
		11	346	5
BACB30NW6K5		11	371	7
		11	401	2
		11	451	5
BACB30NW8K6		9	220	1
		10	220	1
BACB30NX5HK2		13	5	3
BACB30NX5K3		8	125	2
BACB30NX6K10		14	275	2
BACB30NX6K12		14	270	2
BACB30NX6K3		2	10	9
		3	5	10
		6	5	3
		7	5	6
		8	75	3

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY		
BACB30NX6K4		14	5	24		
		14	90	9		
		14	185	9		
		14	510	8		
		4	5	7		
		5	5	3		
		8	80	3		
		14	10	2		
		14	105	15		
		14	205	32		
		14	295	3		
		14	360	42		
		BACB30NX6K5		12	55	12
				12	125	5
14	110			14		
14	290			3		
BACB30NX6K6		14	155	7		
		14	210	6		
BACB30NX6K7		12	40	6		
		12	42A	2		
		14	150	2		
		14	285	1		
BACB30NX6K8		12	42	2		
		12	280	20		
		14	280	1		
BACB30NX8K12		12	285	2		
BACB30NX8K3		14	515	3		
BACB30NX8K5		12	120	16		
BACB30NX8K6		12	60	4		
BACB30NX8K7		14	140	2		
BACB30NX8K8		12	95	4		
BACB30NY6K6		10	215	2		
BACB30NY8K5		9	60	12		
		10	60	12		
BACB30NY8K6		10	65	3		

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
BACB30NY8K7		9	115	1
		10	120	1
BACB30NZ8K7		14	145	1
BACB30VF3K3		8	10	2
		11	5	12
BACB30VF3K4		11	10	8
		11	125	12
		12	250A	16
BACB30VF3K5		2	5	9
		8	5	6
		8	160	12
		8	250	4
		8	280	4
		8	310	24
BACB30VF3K6		2	15	8
		11	230	37
BACB30VF3K7		12	185	14
		12	215	20
		12	250	16
BACB30VG6K6		9	270	4
BACB30VK6-250D		9	185	19
		10	180	19
BACB30VK6-300D		9	190	7
		10	185	7
BACB30VK6-350D		9	180	4
		10	190	4
BACB30VK6-400D		9	195	1
		10	195	1
BACB30VK6-500D		9	200	1
		10	200	1
BACB30VK8-350D		9	205	4
		10	205	4
BACB30VK8-500D		9	210	1
		10	210	1
BACB30VU6K4		12	10	10

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
BACB30VU6K5		12	15	8
BACB30VU8K5		12	5	4
BACB30XS6-400D		9	215	2
BACB30XS8-400D		9	65	3
BACB30YL10K14		9	35B	1
		10	35B	1
BACB30YL10K15		9	40B	2
		10	40B	2
BACB30YL10K17		9	35A	1
		10	35A	1
BACB30YL10K18		9	40A	2
		10	40A	2
BACB30YM10K12		9	35	1
		10	35	1
BACB30YM10K13		9	40	2
		10	40	2
BACB30YM8K11		9	55	1
		9	120	2
		10	45	1
		10	115	2
BACB30YP5K2		2	80	21
		2	83	1
		2	120	46
BACB30YP5K3		2	115	6
BACB30YP6K4		12	10A	10
BACB30YP6K5		12	15A	8
BACB30YP8K5		12	5A	4
BACC30AB5C		13	10	3
BACC30AB5S		8	140	2
BACC30AB6C		12	290	20
BACC30AB6S		2	30	9
		3	10	10
		4	10	7
		5	10	3
		6	10	3

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
		7	10	6
		8	90	6
		9	275	4
		10	225	2
		12	45	8
		12	70	8
		12	140	5
		14	15	24
		14	95	9
		14	115	29
		14	165	9
		14	190	9
		14	215	38
		14	300	12
		14	365	42
		14	520	8
BACC30AB8C		12	295	2
BACC30AB8S		9	110	12
		9	125	1
		10	110	15
		10	130	1
		12	75	4
		12	100	4
		12	135	8
		14	160	3
		14	525	3
BACC30ABS		9	229	1
		10	234	1
BACC30BQ6		12	25	18
BACC30BQ8		12	20	4
BACC30BS5S		2	85	21
		2	88	1
		2	125	52
BACC30CP10S		9	90	3
		9	90C	3

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
		10	90	3
		10	90C	3
BACC30CP8S		9	105	1
		9	130	2
		10	95	1
		10	125	2
BACC30CQ10S		9	90A	3
		10	90A	3
BACC30CQ10SR		9	90B	3
		10	90B	3
BACC30M6		11	267	5
		11	322	2
		11	347	5
		11	372	7
		11	402	2
		11	452	5
BACF3F009J132NG		2	35	1
BACF3W01E10N9		9	240	2
		10	245	2
BACF3W01J11N9		9	255	1
		10	255	1
BACF3W02E10N9		9	245	2
		10	250	2
BACF3W02F10N13		9	151	1
BACF3W02J11N9		9	250	1
		10	260	1
BACJ40E20-32		9	315	1
BACN10HR5CS		12	165	4
BACN10JC3CM		9	290	4
		9	330	2
BACN10JC4CM		9	310	1
BACN10JP3CCD		11	250	2
		11	417M	2
BACN10JR3CFM		2	105	1
		8	35	2

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
BACN10JR3F		8	150	2
		12	260A	2
		12	265A	14
BACN10JR4CFD		8	105	4
BACN10KB3CFD		13	25	1
BACN10KE3B2CD		8	290	4
		11	245	11
		11	338	2
		12	195	8
BACN10KE3B2CM		12	225	4
		8	30	2
		11	240	11
BACN10KE3B3CD		11	240A	9
		11	240B	9
		12	230	6
BACN10KE3B3CM		8	25	4
		8	200	4
		8	325	24
BACN10KE3B4CD		8	260	4
		12	205	4
		12	240	6
		12	260	2
BACN10KE3B4CM		8	195	2
		12	200	2
BACN10KE3B5CD		12	235	4
		12	265	14
		8	205	4
BACN10KE3DCD		11	20	20
		11	300	5
		11	430	3
		8	190	2
BACN10KE3DCM		8	190	2
BACN10KE4ACD		9	15	1
		9	15B	1
		10	20	1
		10	20B	1

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
BACN10KE4B1CD		9	15A	1
		10	20A	1
BACN10KE4DCD		9	20	1
		10	15	1
BACN10YR3CD		11	135	12
BACN10YR3CM		2	25	17
BACN10YR4CM		9	150	4
		10	150	3
BACN11Z4CD		9	100B	1
		10	100B	1
BACN11Z5CD		9	95B	1
		10	105B	1
BACR15BA3AD		9	10	4
		10	10	4
		11	295	10
		11	425	6
		13	20	2
		11	337	4
BACR15BA3AD3C		11	417	4
		11	160	3
BACR15BA4AD		11	265	5
		11	320	2
		11	345	5
		11	370	7
		11	400	2
		11	450	5
BACR15BA5AD7C		11	265A	5
		11	320A	2
		11	345A	5
BACR15BA5AD9C		11	370A	7
		11	400A	2
		11	450A	5
		11	215	10
BACR15BA5D		11	215	10
BACR15CE3AD		8	185	8
		11	15	40

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
		11	235	48
		11	235B	44
		11	235D	44
BACR15CE5AD		8	50	4
		8	95	4
		8	345	9
		9	370	4
BACR15DR3A		8	20	16
		8	145	4
		8	180	16
		8	320	48
BACR15DR3A3		2	100	2
BACR15DR3AC		8	100	8
		8	185A	8
		8	255	8
		8	285	8
		11	15A	40
		11	235A	48
		11	235C	44
		11	235E	44
BACR15DR3AC3		12	190	28
		12	220	40
		12	255	32
BACR15GA5		8	15	2
BACS12ER08K5		9	355	2
BACS40R015A015F		14	325	1
BACS40R015A016F		14	320	1
BACS40V007D048		9	345	2
BACS40V008D033		14	395	1
BACS40V008D034		14	450	1
		14	475	1
BACS40V008D090		11	225	1
BACS40V008F009		14	200	2
BACS40V008F032		14	505	1
		14	550	2

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
		14	585	4
BACS40V010C019		8	270	2
BACS40V010C022		8	275	2
BACS40V010C037		9	265	1
		10	265	1
BACS40V010D021		2	50	2
		7	20	2
BACS40V010D037		14	390	1
BACS40V010D038		14	445	1
		14	480	1
BACS40V010D042		14	420	2
BACS40V010F016		14	345	1
BACS40V010F041		14	350	1
BACS40V010F054		14	335	1
BACS40V010F060		14	355	1
BACS40V011C017		8	305	2
BACS40V011C158		8	335	2
BACS40V011D028		12	85	2
BACS40V011D071		12	335	2
BACS40V011F036		14	330	1
BACS40V011F108		8	360	2
BACS40V012C037		9	265A	1
		10	265A	1
BACS40V012F065		14	340	1
BACS40V013B010		8	355	2
BACS40V013C038		9	175	1
		10	175	1
BACS40V013C085		9	160A	1
		10	170A	1
BACS40V013D015		5	20	2
BACS40V015C085		9	160	1
		10	170	1
BACS40V016C034		9	260	1
		10	270	1
BACS40V020C030		9	165	1

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
		10	160	1
BACW10BP14DP		14	250	1
BACW10BP3ACU		8	135	2
		9	325	4
BACW10BP3APU		2	20	17
		9	285	4
BACW10BP4ACU		8	85	4
		9	305	3
BACW10BP4NAPU		9	145	3
		10	145	3
BACW10BP5CD		12	155	4
BACW10CA104CC		9	148	1
BACW10CA104CCU		9	227	1
		10	232	1
BACW10CA104CV		9	143	1
BACW10CA104CVU		9	228	1
		10	233	1
BACW10CA3CV		2	95	1
BACW10CA5CC		9	70	3
		10	70	3
BACW10CA5CV		9	75	3
		10	75	3
BACW10DM6P		8	315	8
BH00303-5		12	165	4
BH003035		12	165	4
BMN10HRRCPD3-5		12	165	4
BMN5024CPD3-5		12	165	4
		12	165	4
BMN5024CPD35		12	165	4
BRF100C3D		13	25	1
BRF200A3		12	260A	2
		12	265A	14
BRF200C3M		2	105	1
		8	35	2
		8	150	2

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
BRF200C4D		8	105	4
BRFR220C3-2D		8	290	4
		11	245	11
		11	338	2
		12	195	8
		12	225	4
		8	30	2
BRFR220C3-2M		8	30	2
BRFR220C3-3D		11	240	11
		11	240A	9
		11	240B	9
		12	230	6
BRFR220C3-3M		8	25	4
		8	200	4
		8	325	24
BRFR220C3-4D		8	260	4
		12	205	4
		12	240	6
		12	260	2
BRFR220C3-4M		8	195	2
		12	200	2
BRFR220C3-5D		12	235	4
		12	265	14
		12	265	14
BRFR220C4-10		9	15	1
		9	15B	1
		10	20	1
		10	20B	1
BRH10C3M		9	290	4
		9	330	2
BRH10C4M		9	310	1
CCR264CS3-3IT		12	190	28
		12	220	40
		12	255	32
CCR264CS3-3TT		2	100	2
CR59085		12	165	4
F5000-3BAC		12	260A	2

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
F5001-3BAC		12	265A	14
		2	105	1
		8	35	2
		8	150	2
F51604-3		13	25	1
F51747-3-2CD		8	290	4
		11	245	11
		11	338	2
		12	195	8
F51747-3-2DL		12	225	4
		8	30	2
		11	240	11
F51747-3-3CD		11	240A	9
		11	240B	9
		12	230	6
		8	25	4
F51747-3-3DL		8	200	4
		8	325	24
		8	260	4
F51747-3-4CD		12	205	4
		12	240	6
		12	260	2
		8	195	2
F51747-3-4DL		12	200	2
		12	235	4
F51747-3-5CD		12	265	14
		9	15	1
		9	15B	1
F51747-4-1CD		10	20	1
		10	20B	1
		8	205	4
		11	20	20
F51753-3DC		11	300	5
		11	430	3
		8	190	2
F51753-3DL		8	190	2

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
F51753-4CD		9	20	1
		10	15	1
H01-3BAC		9	290	4
		9	330	2
H01-4BAC		9	310	1
H39953-5		12	165	4
H52732-4CM		9	150	4
		10	150	3
HL1012AZ5-2		13	5	3
HL1012AZ5-3		8	125	2
		8	125	2
		8	125	2
		8	125	2
		8	125	2
		8	125	2
		8	125	2
		8	125	2
		8	125	2
		8	125	2
HL1012AZ6-10		14	275	2
		14	275	2
		14	275	2
		14	275	2
		14	275	2
		14	275	2
		14	275	2
		14	275	2
HL1012AZ6-12		14	270	2
		14	270	2
		14	270	2
		14	270	2
		14	270	2
		14	270	2
		14	270	2
		14	270	2
HL1012AZ6-3		2	10	9
		2	10	9

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
		2	10	9
		2	10	9
		2	10	9
		2	10	9
		2	10	9
		2	10	9
		3	5	10
		3	5	10
		3	5	10
		3	5	10
		3	5	10
		3	5	10
		3	5	10
		3	5	10
		3	5	10
		6	5	3
		6	5	3
		6	5	3
		6	5	3
		6	5	3
		6	5	3
		6	5	3
		6	5	3
		6	5	3
		6	5	3
		7	5	6
		7	5	6
		7	5	6
		7	5	6
		7	5	6
		7	5	6
		7	5	6
		7	5	6
		7	5	6
		8	75	3
		8	75	3
		8	75	3
		8	75	3
		8	75	3

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
		8	75	3
		8	75	3
		8	75	3
		14	5	24
		14	5	24
		14	5	24
		14	5	24
		14	5	24
		14	5	24
		14	5	24
		14	5	24
		14	90	9
		14	90	9
		14	90	9
		14	90	9
		14	90	9
		14	90	9
		14	90	9
		14	90	9
		14	90	9
		14	90	9
		14	90	9
		14	185	9
		14	185	9
		14	185	9
		14	185	9
		14	185	9
		14	185	9
		14	185	9
		14	185	9
		14	185	9
		14	510	8
		14	510	8
		14	510	8
		14	510	8
		14	510	8
		14	510	8
		14	510	8
		14	510	8
		14	510	8
		14	510	8
		14	510	8

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
HL1012AZ6-4		4	5	7
		4	5	7
		4	5	7
		4	5	7
		4	5	7
		4	5	7
		4	5	7
		4	5	7
		4	5	7
		5	5	3
		5	5	3
		5	5	3
		5	5	3
		5	5	3
		5	5	3
		5	5	3
		5	5	3
		5	5	3
		5	5	3
		8	80	3
		8	80	3
		8	80	3
		8	80	3
		8	80	3
		8	80	3
		8	80	3
		8	80	3
		8	80	3
		14	10	2
		14	10	2
14	10	2		
14	10	2		
14	10	2		
14	10	2		
14	10	2		
14	10	2		
14	105	15		
14	105	15		
14	105	15		

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
HL1012AZ6-5		14	105	15
		14	105	15
		14	105	15
		14	105	15
		14	105	15
		14	205	32
		14	205	32
		14	205	32
		14	205	32
		14	205	32
		14	205	32
		14	205	32
		14	205	32
		14	205	32
		14	205	32
		14	295	3
		14	295	3
		14	295	3
		14	295	3
		14	295	3
		14	295	3
		14	295	3
		14	295	3
		14	295	3
		14	360	42
		14	360	42
		14	360	42
		14	360	42
		14	360	42
		14	360	42
		14	360	42
		14	360	42
	12	55	12	
	12	55	12	
	12	55	12	
	12	55	12	
	12	55	12	
	12	55	12	

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
HL1012AZ6-6		12	55	12
		12	55	12
		12	125	5
		12	125	5
		12	125	5
		12	125	5
		12	125	5
		12	125	5
		12	125	5
		12	125	5
		14	110	14
		14	110	14
		14	110	14
		14	110	14
		14	110	14
		14	110	14
		14	110	14
		14	110	14
		14	110	14
		14	290	3
		14	290	3
		14	290	3
		14	290	3
		14	290	3
		14	290	3
		14	290	3
		14	290	3
		14	155	7
		14	155	7
		14	155	7
		14	155	7
		14	155	7
	14	155	7	
	14	155	7	
	14	210	6	

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
HL1012AZ6-7		14	210	6
		14	210	6
		14	210	6
		14	210	6
		14	210	6
		14	210	6
		14	210	6
		12	40	6
		12	40	6
		12	40	6
		12	40	6
		12	40	6
		12	40	6
		12	40	6
		12	40	6
		12	40	6
		12	42A	2
		12	42A	2
		12	42A	2
		12	42A	2
		12	42A	2
		12	42A	2
		12	42A	2
		12	42A	2
		14	150	2
		14	150	2
		14	150	2
		14	150	2
		14	150	2
		14	150	2
	14	150	2	
	14	150	2	
	14	285	1	
	14	285	1	
	14	285	1	
	14	285	1	

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY	
HL1012AZ6-8		14	285	1	
		14	285	1	
		14	285	1	
		14	285	1	
		12	42	2	
		12	42	2	
		12	42	2	
		12	42	2	
		12	42	2	
		12	42	2	
		12	42	2	
		12	42	2	
		12	42	2	
		12	280	20	
		12	280	20	
		12	280	20	
		12	280	20	
		12	280	20	
	HL1012AZ8-12		14	280	1
			14	280	1
		14	280	1	
		14	280	1	
		14	280	1	
		14	280	1	
		14	280	1	
		14	280	1	
		14	280	1	
		12	285	2	
		12	285	2	
		12	285	2	
		12	285	2	
		12	285	2	

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
HL1012AZ8-3		12	285	2
		14	515	3
		14	515	3
		14	515	3
		14	515	3
		14	515	3
		14	515	3
		14	515	3
		14	515	3
HL1012AZ8-5		12	120	16
		12	120	16
		12	120	16
		12	120	16
		12	120	16
		12	120	16
		12	120	16
		12	120	16
HL1012AZ8-6		12	60	4
		12	60	4
		12	60	4
		12	60	4
		12	60	4
		12	60	4
		12	60	4
		12	60	4
HL1012AZ8-7		14	140	2
		14	140	2
		14	140	2
		14	140	2
		14	140	2
		14	140	2
		14	140	2
		14	140	2
HL1012AZ8-8		12	95	4
		12	95	4

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
		12	95	4
		12	95	4
		12	95	4
		12	95	4
		12	95	4
		12	95	4
HL1013AZ8-5		9	60	12
		10	60	12
HL1013AZ8-6		10	65	3
HL1013AZ8-7		9	115	1
		10	120	1
HL11VAZ6-4		11	266	5
		11	266	5
		11	266	5
		11	266	5
		11	266	5
		11	266	5
		11	321	2
		11	321	2
		11	321	2
		11	321	2
		11	321	2
		11	321	2
		11	346	5
		11	346	5
		11	346	5
		11	346	5
		11	346	5
		11	346	5
HL11VAZ6-5		11	371	7
		11	371	7
		11	371	7
		11	371	7
		11	371	7
		11	371	7

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
HL11VAZ8-6		11	401	2
		11	401	2
		11	401	2
		11	401	2
		11	401	2
		11	401	2
		11	451	5
		11	451	5
		11	451	5
		11	451	5
		11	451	5
		11	451	5
		9	220	1
		9	220	1
		9	220	1
		9	220	1
		9	220	1
		9	220	1
		10	220	1
		10	220	1
10	220	1		
10	220	1		
10	220	1		
HL12VAZ5-3		8	125	2
		8	125	2
		8	125	2
HL12VAZ6-10		14	275	2
		14	275	2
		14	275	2
HL12VAZ6-12		14	270	2
		14	270	2
		14	270	2

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
HL12VAZ6-3		14	270	2
		2	10	9
		2	10	9
		2	10	9
		2	10	9
		3	5	10
		3	5	10
		3	5	10
		3	5	10
		6	5	3
		6	5	3
		6	5	3
		6	5	3
		7	5	6
		7	5	6
		7	5	6
		7	5	6
		8	75	3
		8	75	3
		8	75	3
		8	75	3
		14	5	24
		14	5	24
		14	5	24
		14	5	24
		14	90	9
		14	90	9
		14	90	9
		14	90	9
		14	185	9
	14	185	9	
	14	185	9	
	14	185	9	
	14	510	8	
	14	510	8	

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
HL12VAZ6-4		14	510	8
		14	510	8
		4	5	7
		4	5	7
		4	5	7
		4	5	7
		5	5	3
		5	5	3
		5	5	3
		5	5	3
		8	80	3
		8	80	3
		8	80	3
		8	80	3
		14	10	2
		14	10	2
		14	10	2
		14	10	2
		14	105	15
		14	105	15
		14	105	15
		14	105	15
		14	205	32
		14	205	32
		14	205	32
		14	205	32
		14	295	3
	14	295	3	
	14	295	3	
	14	295	3	
	14	360	42	
	14	360	42	
	14	360	42	
	14	360	42	
HL12VAZ6-5		12	55	12

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
HL12VAZ6-6		12	55	12
		12	55	12
		12	55	12
		12	125	5
		12	125	5
		12	125	5
		12	125	5
		14	110	14
		14	110	14
		14	110	14
		14	110	14
		14	290	3
		14	290	3
		14	290	3
		14	290	3
		14	155	7
		14	155	7
		14	155	7
		14	155	7
	HL12VAZ6-7		14	210
		14	210	6
		14	210	6
		14	210	6
		12	40	6
		12	40	6
		12	40	6
		12	40	6
		12	42A	2
		12	42A	2
		12	42A	2
		12	42A	2
		14	150	2
		14	150	2
	14	150	2	
	14	150	2	

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
HL12VAZ6-8		14	285	1
		14	285	1
		14	285	1
		14	285	1
		12	42	2
		12	42	2
		12	42	2
		12	42	2
		12	280	20
		12	280	20
		12	280	20
		12	280	20
		14	280	1
		14	280	1
HL12VAZ8-12		14	280	1
		14	280	1
		12	285	2
		12	285	2
HL12VAZ8-3		12	285	2
		12	285	2
		14	515	3
		14	515	3
HL12VAZ8-5		14	515	3
		14	515	3
		12	120	16
		12	120	16
HL12VAZ8-6		12	120	16
		12	120	16
		12	60	4
		12	60	4
HL12VAZ8-7		12	60	4
		12	60	4
		14	140	2
		14	140	2
	14	140	2	

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
HL12VAZ8-8		14	140	2
		12	95	4
		12	95	4
		12	95	4
		12	95	4
HL13V5		9	60	12
		10	60	12
HL13V6		10	65	3
		10	215	2
HL13V7		9	115	1
		10	120	1
HL13VAZ6-6		10	215	2
		10	215	2
		10	215	2
		10	215	2
		10	215	2
		10	215	2
HL13VAZ8-5		9	60	12
		9	60	12
		9	60	12
		9	60	12
		9	60	12
		9	60	12
		10	60	12
		10	60	12
		10	60	12
		10	60	12
		10	60	12
		10	60	12
		10	60	12
HL13VAZ8-6		10	65	3
		10	65	3
		10	65	3
		10	65	3
		10	65	3
		10	65	3

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
HL13VAZ8-7		9	115	1
		9	115	1
		9	115	1
		9	115	1
		9	115	1
		9	115	1
		10	120	1
		10	120	1
		10	120	1
		10	120	1
		10	120	1
		10	120	1
		10	120	1
HL175-6AW		12	290A	20
HL175DU6AWU		12	65	4
		14	20	2
HL175DU8AWU		9	225	1
		9	225A	1
		10	230	1
		10	230A	1
		12	130	8
HL523AZ8-7		14	145	1
		14	145	1
		14	145	1
		14	145	1
		14	145	1
		14	145	1
		14	145	1
		14	145	1
HL79-6		11	267	5
		11	267	5
		11	267	5
		11	267	5
		11	322	2
		11	322	2
		11	322	2
		11	322	2

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
		11	347	5
		11	347	5
		11	347	5
		11	347	5
		11	372	7
		11	372	7
		11	372	7
		11	372	7
		11	402	2
		11	402	2
		11	402	2
		11	402	2
		11	452	5
		11	452	5
		11	452	5
		11	452	5
HL97DU5		8	140	2
		8	140	2
		8	140	2
HL97DU6		2	30	9
		2	30	9
		2	30	9
		3	10	10
		3	10	10
		3	10	10
		4	10	7
		4	10	7
		4	10	7
		5	10	3
		5	10	3
		5	10	3
		6	10	3
		6	10	3
		6	10	3
		7	10	6

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
		7	10	6
		7	10	6
		8	90	6
		8	90	6
		8	90	6
		9	275	4
		9	275	4
		9	275	4
		10	225	2
		10	225	2
		10	225	2
		12	45	8
		12	45	8
		12	45	8
		12	70	8
		12	70	8
		12	70	8
		12	140	5
		12	140	5
		12	140	5
		14	15	24
		14	15	24
		14	15	24
		14	95	9
		14	95	9
		14	95	9
		14	115	29
		14	115	29
		14	115	29
		14	165	9
		14	165	9
		14	165	9
		14	190	9
		14	190	9
		14	190	9

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
HL97DU8		14	215	38
		14	215	38
		14	215	38
		14	300	12
		14	300	12
		14	300	12
		14	365	42
		14	365	42
		14	365	42
		14	520	8
		14	520	8
		14	520	8
		9	110	12
		9	110	12
		9	110	12
		9	125	1
		9	125	1
		9	125	1
		10	110	15
		10	110	15
		10	110	15
		10	130	1
		10	130	1
		10	130	1
		12	75	4
		12	75	4
		12	75	4
		12	100	4
		12	100	4
		12	100	4
		12	135	8
		12	135	8
	12	135	8	
	14	160	3	
	14	160	3	

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
HL97KG5		14	160	3
		14	525	3
		14	525	3
		14	525	3
		13	10	3
		13	10	3
HL97KG6		13	10	3
		12	290	20
		12	290	20
HL97KG8		12	290	20
		12	295	2
		12	295	2
HL97PB		12	295	2
HL97PB5		13	10	3
		13	10	3
HL97PB6		13	10	3
		12	290	20
		12	290	20
HL97PB8		12	290	20
		12	295	2
		12	295	2
HLT420AP10-14		12	295	2
		9	35B	1
		9	35B	1
		9	35B	1
		10	35B	1
		10	35B	1
HLT420AP10-15		10	35B	1
		9	40B	2
		9	40B	2
		9	40B	2
		10	40B	2
		10	40B	2
HLT420AP10-17		10	40B	2
		9	35A	1
		9	35A	1

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
HLT420AP10-18		9	35A	1
		9	35A	1
		10	35A	1
		10	35A	1
		10	35A	1
		9	40A	2
		9	40A	2
		9	40A	2
		10	40A	2
		10	40A	2
HLT423AP10-12		9	35	1
		9	35	1
		9	35	1
		10	35	1
		10	35	1
		10	35	1
HLT423AP10-13		9	40	2
		9	40	2
		9	40	2
		10	40	2
		10	40	2
		10	40	2
HLT423AP8-11		9	55	1
		9	55	1
		9	55	1
		9	120	2
		9	120	2
		9	120	2
		10	45	1
		10	45	1
		10	45	1
		10	115	2
	10	115	2	
	10	115	2	

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
HST11AG6-4		12	10	10
		12	10	10
		12	10	10
		12	10	10
HST11AG6-5		12	15	8
		12	15	8
		12	15	8
		12	15	8
HST11AG8-5		12	5	4
		12	5	4
		12	5	4
		12	5	4
HST826AW		12	25	18
		12	25	18
		12	25	18
HST828AW		12	20	4
		12	20	4
		12	20	4
HST82CY6APBW		12	25	18
		12	25	18
HST82CY8APBW		12	20	4
		12	20	4
K29646-104		9	143	1
K29646-104NF		9	228	1
		10	233	1
K29646-3		2	95	1
K29646-5		9	75	3
		10	75	3
K29913-104		9	148	1
K29913-104NF		9	227	1
		10	232	1
K29913-5		9	70	3
		10	70	3
K51602-4BAC		8	105	4
L801-6K6		10	215	2

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY		
L801-8K5		9	60	12		
		10	60	12		
L801-8K6		10	65	3		
L801-8K7		9	115	1		
		10	120	1		
L802-5K3		8	125	2		
L802-6K10		14	275	2		
L802-6K12		14	270	2		
L802-6K3		2	10	9		
		3	5	10		
		6	5	3		
		7	5	6		
		8	75	3		
		14	5	24		
		14	90	9		
		14	185	9		
		14	510	8		
		L802-6K4		4	5	7
				5	5	3
				8	80	3
				14	10	2
				14	105	15
14	205			32		
14	295			3		
14	360			42		
L802-6K5		12	55	12		
		12	125	5		
		14	110	14		
		14	290	3		
L802-6K6		14	155	7		
		14	210	6		
L802-6K7		12	40	6		
		12	42A	2		
		14	150	2		
		14	285	1		

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
L802-6K8		12	42	2
		12	280	20
		14	280	1
L802-8K12		12	285	2
L802-8K3		14	515	3
L802-8K5		12	120	16
L802-8K6		12	60	4
L802-8K7		14	140	2
L802-8K8		12	95	4
L803-6K4		11	266	5
		11	321	2
		11	346	5
L803-6K5		11	371	7
		11	401	2
		11	451	5
L803-8K6		9	220	1
		10	220	1
L804-8K7		14	145	1
MS20426AD5-7		11	265B	5
		11	320B	2
		11	345B	5
MS20426AD5-9		11	370B	7
		11	400B	2
		11	450B	5
		11	130	12
NAS1149D0332J		11	130	12
NAS1149E0432P		9	85	1
		10	80	1
NAS1149E0532P		9	80	1
		10	85	1
NAS1149E0563P		12	160	4
NAS1195C3FH		11	255	2
NAS1805-4		9	100	1
		10	100	1
NAS1805-4L		9	100A	1
		9	100C	1

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
		10	100A	1
		10	100C	1
NAS1805-5		9	95	1
		10	105	1
NAS1805-5L		9	95A	1
		9	95C	1
		10	105A	1
		10	105C	1
NAS1836C08-10M		9	360	2
NAS463FDD10		8	175	8
NAS463KC10		8	170	2
NAS463KC10H		8	165	2
NS103191SE02-2		8	30	2
NS103191SE02-3		8	25	4
		8	200	4
		8	325	24
NS103191SE02-4		8	195	2
NS103193SE02		8	190	2
NS103203-02		12	260A	2
		12	265A	14
NS103203SE02		2	105	1
		8	35	2
		8	150	2
NS202101SE02		9	290	4
		9	330	2
NS202476-048		8	105	4
NS202478-02		13	25	1
NS202493-02-2		8	290	4
		11	245	11
		11	338	2
		12	195	8
		12	225	4
NS202493-02-3		11	240	11
		11	240A	9
		11	240B	9

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
NS202493-02-4		12	230	6
		8	260	4
		12	205	4
		12	240	6
		12	260	2
NS202493-02-5		12	200	2
		12	235	4
		12	265	14
NS202493-048-1		9	15	1
		9	15B	1
		10	20	1
		10	20B	1
NS202495-02		8	205	4
		11	20	20
		11	300	5
		11	430	3
NS202495-048		9	20	1
		10	15	1
PLH53CD		11	135	12
		11	135	12
PLH53CM		2	25	17
		2	25	17
PLH54CM		9	150	4
		10	150	3
RBEJ40E20-32		9	315	1
RMF9201-3		12	260A	2
		12	265A	14
RV541A3-3		2	100	2
RV541A3C3		12	190	28
		12	220	40
		12	255	32
		12	165	4
SL7059C524		12	165	4
T6C1032JM		9	290	4
		9	330	2
T6C428JM		9	310	1

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
T8091S1032		12	260A	2
		12	265A	14
T8092C1032		2	105	1
		8	35	2
		8	150	2
T8092C428CD		8	105	4
VN152A1-02		12	260A	2
		12	265A	14
VN152D1-02		2	105	1
		8	35	2
		8	150	2
VN303D02		9	290	4
		9	330	2
VN303D048		9	310	1
WC331K5-2		2	80	21
		2	83	1
		2	120	46
WC331K5-3		2	115	6
WC331K6-4		12	10A	10
WC331K6-5		12	15A	8
WC331K8-5		12	5A	4

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FIGURE NOT ILLUSTRATED

Rudder Assembly
IPL Figure 1

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
1-											
-1A	173A0100-678										
1B											
-2	173A0100-678									A	RF
-3	173A0103-1									B	RF
-3A	173A0103-2									C	RF
-3B	173A0103-3									D	RF
-3C	173A0103-4									E	RF
-3D	173A0103-5									F	RF
-3E	173A0103-6									G	RF
-3F	173A0103-7									H	RF
-3G	173A0103-8									J	RF
-3H	173A0103-9									K	RF
-3J	173A0103-10									L	RF
-5	173A1001-1									A	1
-5A	173A1001-1									B-E	1
-5B	173A1001-2									F-J	1
-5C	173A1001-4									K, L	1
-10	173A1002-1									A	1
-10A	173A1002-1									B-L	1
-15	173A1005-1									A	1
-15A	173A1005-1									B-L	1

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
1-					
-20	173A1006-1		. RIB INSTL-FWD TIP BAL (LIMITED USAGE) (FOR DETAILS SEE FIG. 5)	A	1
I -20A	173A1006-1		. RIB INSTL-FWD TIP BAL (FOR DETAILS SEE FIG. 5)	B-L	1
-25	173A1007-1		. RIB INSTL-AFT TIP BAL (LIMITED USAGE) (FOR DETAILS SEE FIG. 6)	A	1
I -25A	173A1007-1		. RIB INSTL-AFT TIP BAL (FOR DETAILS SEE FIG. 6)	B-L	1
-30	173A1008-1		. RIB INSTL-UPR CLOSURE (LIMITED USAGE) (FOR DETAILS SEE FIG. 7)	A	1
I -30A	173A1008-1		. RIB INSTL-UPR CLOSURE (FOR DETAILS SEE FIG. 7)	B-L	1
-35	173A6000-1		. TIP INSTL (LIMITED USAGE) (FOR DETAILS SEE FIG. 8)	A	1
-35A	173A6000-1		. TIP INSTL (FOR DETAILS SEE FIG. 8)	B	1
I -35B	173A6000-2		. TIP INSTL (FOR DETAILS SEE FIG. 8)	C-L	1
I -40	173A4000-1		. PANEL INSTL-LH (LIMITED USAGE) (FOR DETAILS SEE FIG. 9)	A	1
I -40A	173A4000-5		. PANEL INSTL-LH (LIMITED USAGE) (FOR DETAILS SEE FIG. 9)	A	1
I -40B	173A4000-7		. PANEL INSTL-LH (LIMITED USAGE) (FOR DETAILS SEE FIG. 9)	A	1
I -40C	173A4000-7		. PANEL INSTL-LH (FOR DETAILS SEE FIG. 9)	B	1
I -40D	173A4000-9		. PANEL INSTL-LH (FOR DETAILS SEE FIG. 9)	C-K	1
I -40E	173A4000-16		. PANEL INSTL-RH (FOR DETAILS SEE FIG. 10)	L	1
I -45	173A4000-2		. PANEL INSTL-RH (LIMITED USAGE) (FOR DETAILS SEE FIG. 10)	A	1

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY	
			1	2	3	4	5	6	7			
1-												
-45A	173A4000-6		.	PANEL	IN STL	-RH					A	1
				(LIMITED	USAGE)							
				(FOR	DETAILS	SEE	FIG.	10)				
-45B	173A4000-8		.	PANEL	IN STL	-RH					A	1
				(LIMITED	USAGE)							
				(FOR	DETAILS	SEE	FIG.	10)				
-45C	173A4000-8		.	PANEL	IN STL	-RH					B	1
				(FOR	DETAILS	SEE	FIG.	10)				
-45D	173A4000-10		.	PANEL	IN STL	-RH					C-K	1
				(FOR	DETAILS	SEE	FIG.	10)				
-45E	173A4000-15		.	PANEL	IN STL	-RH					L	1
				(FOR	DETAILS	SEE	FIG.	9)				
-50	173A4000-3		.	COVER	IN STL	-GAP					A	1
				(LIMITED	USAGE)							
				(FOR	DETAILS	SEE	FIG.	11)				
-50A	173A4000-3		.	COVER	IN STL	-GAP					B	1
				(FOR	DETAILS	SEE	FIG.	11)				
-50B	173A4000-11		.	COVER	IN STL	-GAP					C, D	1
				(FOR	DETAILS	SEE	FIG.	11)				
-50C	173A4000-12		.	COVER	IN STL	-GAP					E-H	1
				(FOR	DETAILS	SEE	FIG.	11)				
-50D	173A4000-13		.	COVER	IN STL	-GAP					J-L	1
				(FOR	DETAILS	SEE	FIG.	11)				
-55	173A5000-2		.	ARM	IN STL	-BAL					A	1
				(LIMITED	USAGE)							
				(FOR	DETAILS	SEE	FIG.	12)				
-55A	173A5000-3		.	ARM	IN STL	-BAL					A	1
				(LIMITED	USAGE)							
				(FOR	DETAILS	SEE	FIG.	12)				
-55B	173A5000-4		.	ARM	IN STL	-BAL					A	1
				(LIMITED	USAGE)							
				(FOR	DETAILS	SEE	FIG.	12)				
-55C	173A5000-4		.	ARM	IN STL	-BAL					B, C	1
				(FOR	DETAILS	SEE	FIG.	12)				
-55D	173A5000-6		.	ARM	IN STL	-BAL					D, E	1
				(FOR	DETAILS	SEE	FIG.	12)				
-55E	173A5000-7		.	ARM	IN STL	-BAL					F-L	1
				(FOR	DETAILS	SEE	FIG.	12)				

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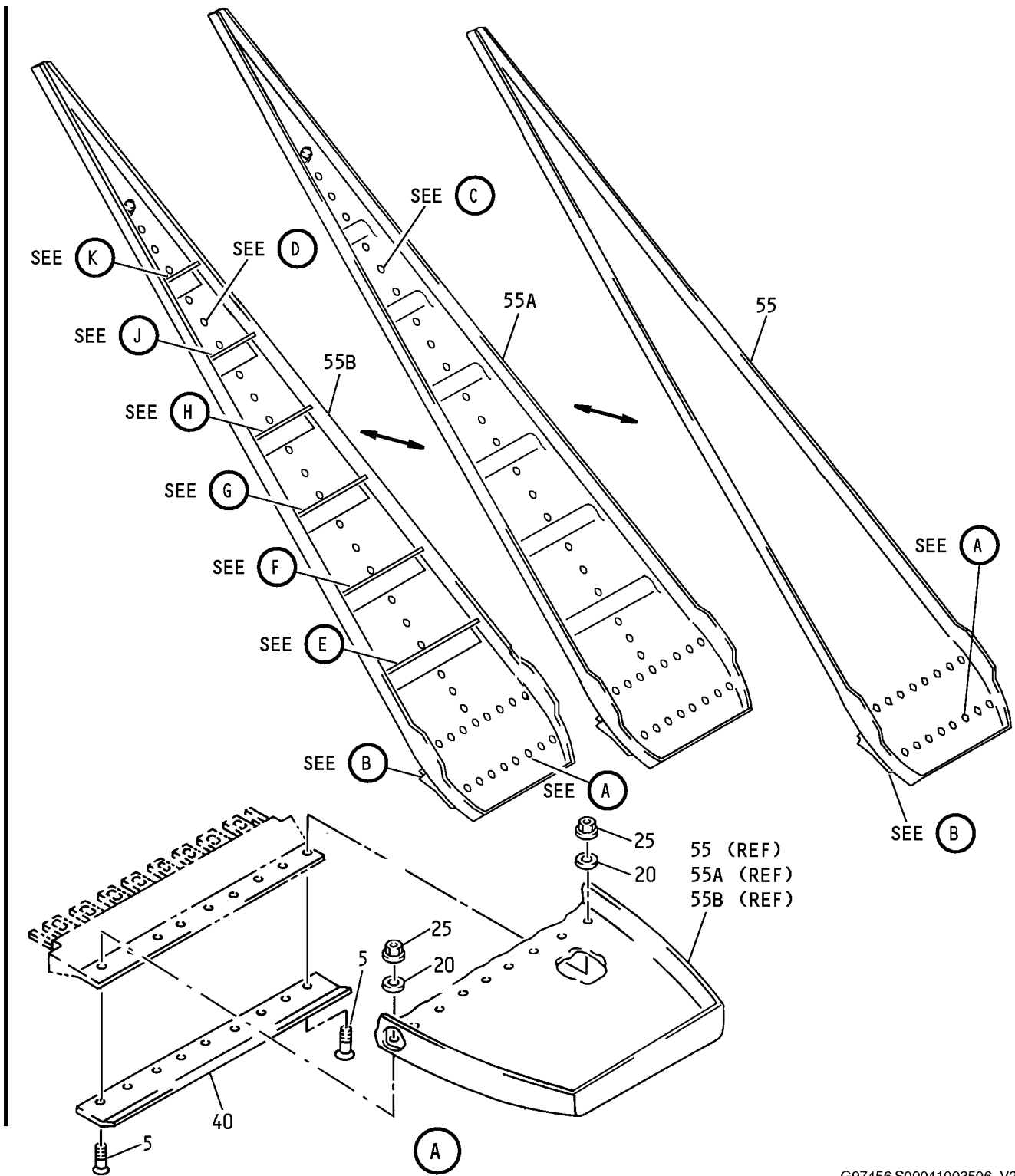


COMPONENT MAINTENANCE MANUAL

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
1-					
-60	251A3485-1		. BRACKET INSTL-POSITION TRANSMITTER (LIMITED USAGE) (FOR DETAILS SEE FIG. 13)	A	1
-60A	251A3485-1		. BRACKET INSTL-POSITION TRANSMITTER (FOR DETAILS SEE FIG. 13)	B-L	1
-65	173A2001-1		. SPAR INSTL (LIMITED USAGE) (FOR DETAILS SEE FIG. 14)	A	1
-65A	173A2001-2		. SPAR INSTL (LIMITED USAGE) (FOR DETAILS SEE FIG. 14)	A	1
-65B	173A2001-2		. SPAR INSTL (FOR DETAILS SEE FIG. 14)	B-F	1
-65C	173A2001-3		. SPAR INSTL (FOR DETAILS SEE FIG. 14)	G	1
-65D	173A2001-4		. SPAR INSTL (FOR DETAILS SEE FIG. 14)	H-K	1
-65E	173A2001-5		. SPAR INSTL (FOR DETAILS SEE FIG. 14)	L	1

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G97456 S00041003506_V2

Rudder Assembly
IPL Figure 2 (Sheet 1 of 7)

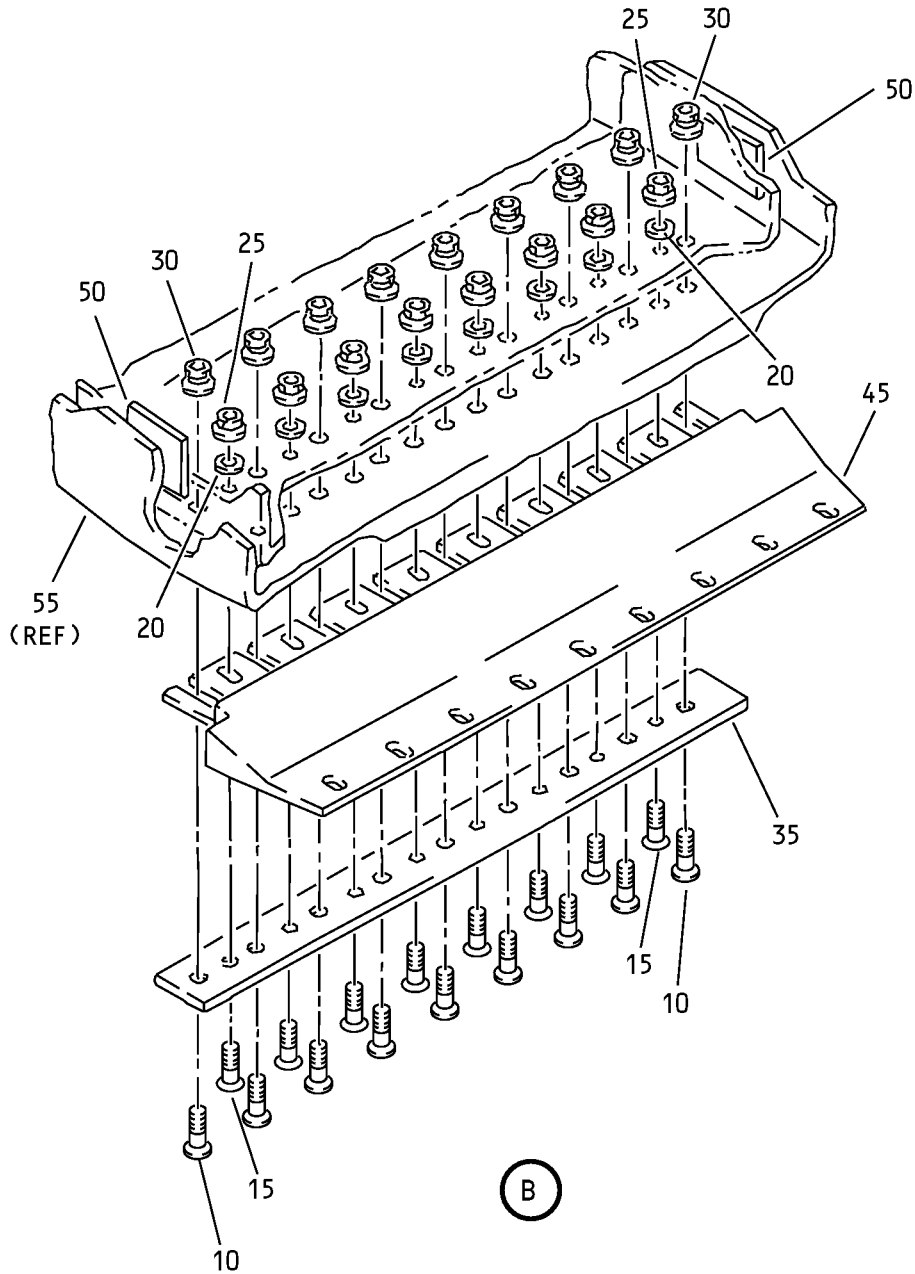
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Rudder Assembly
IPL Figure 2 (Sheet 2 of 7)

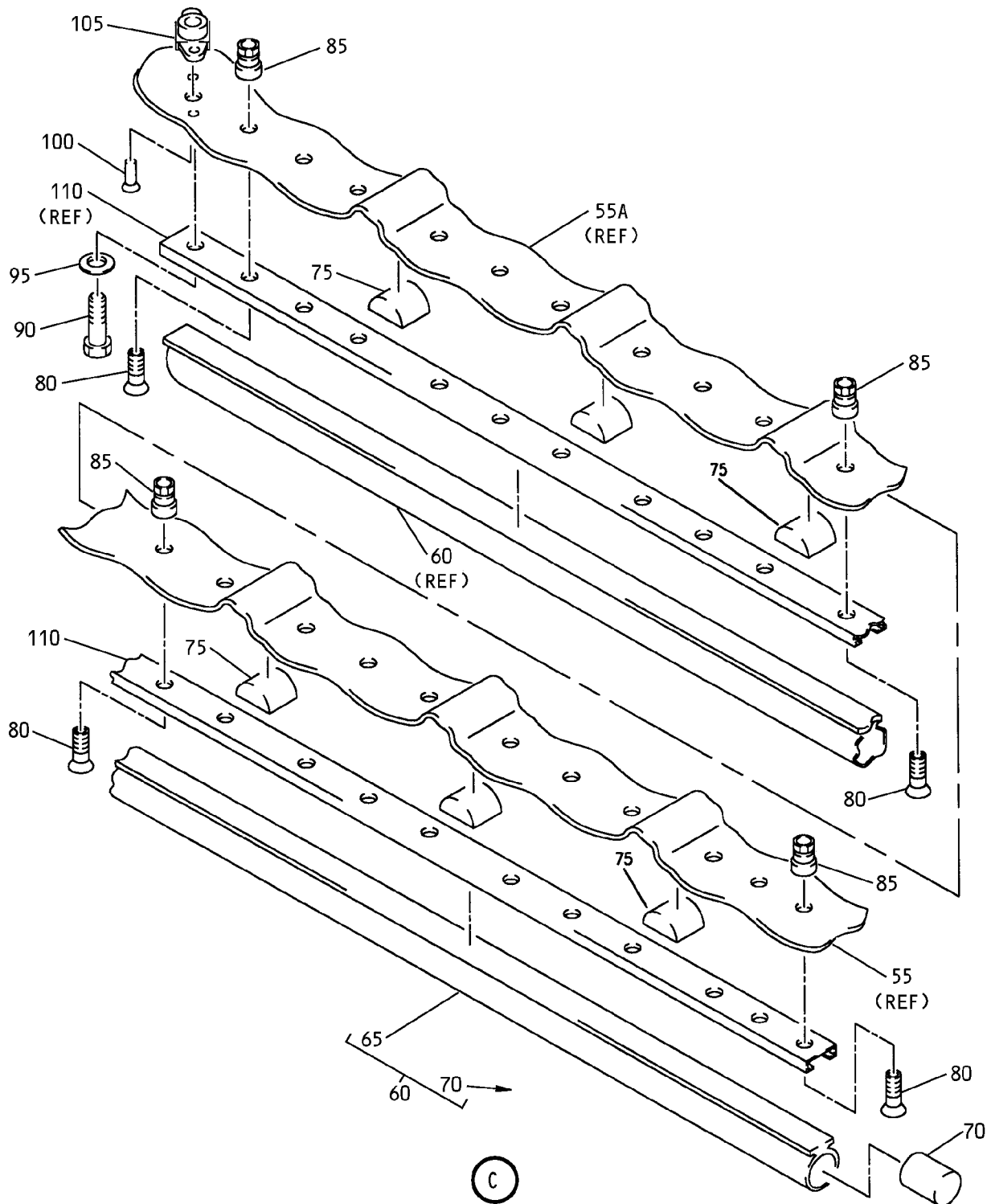
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Rudder Assembly
IPL Figure 2 (Sheet 3 of 7)

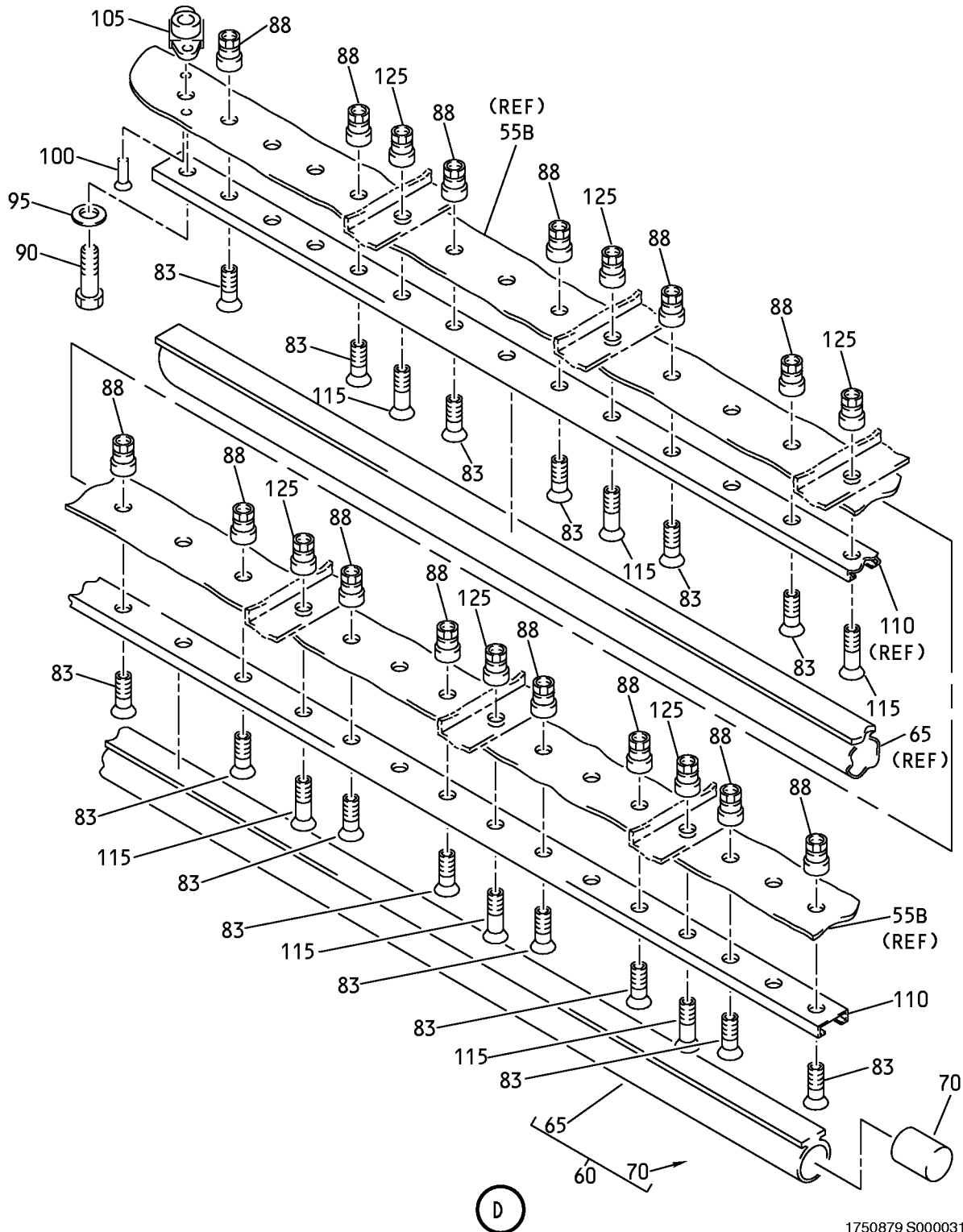
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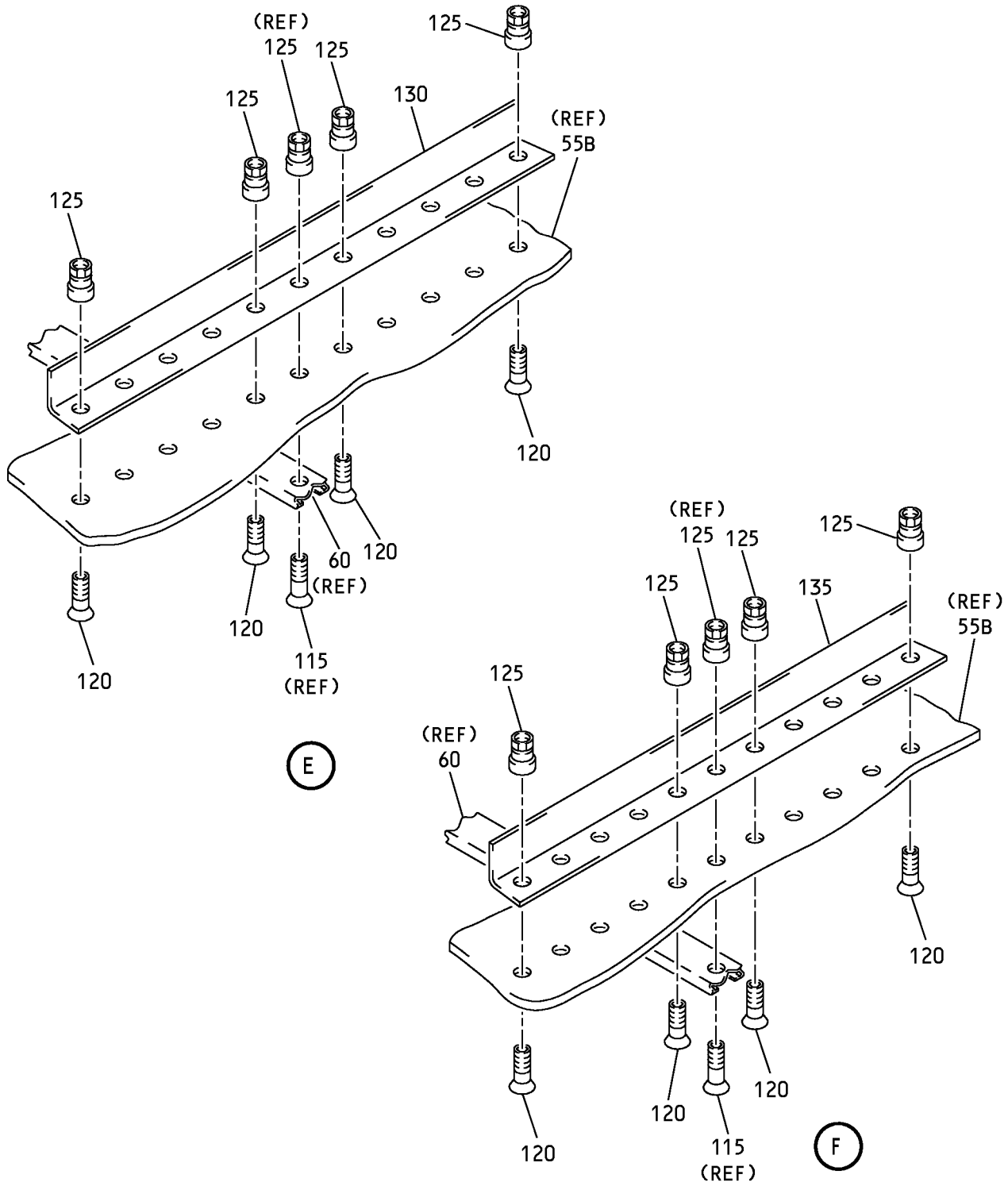
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1750879 S0000314026_V1

Rudder Assembly
IPL Figure 2 (Sheet 4 of 7)

COMPONENT MAINTENANCE MANUAL



1751091 S0000314027_V1

Rudder Assembly
IPL Figure 2 (Sheet 5 of 7)

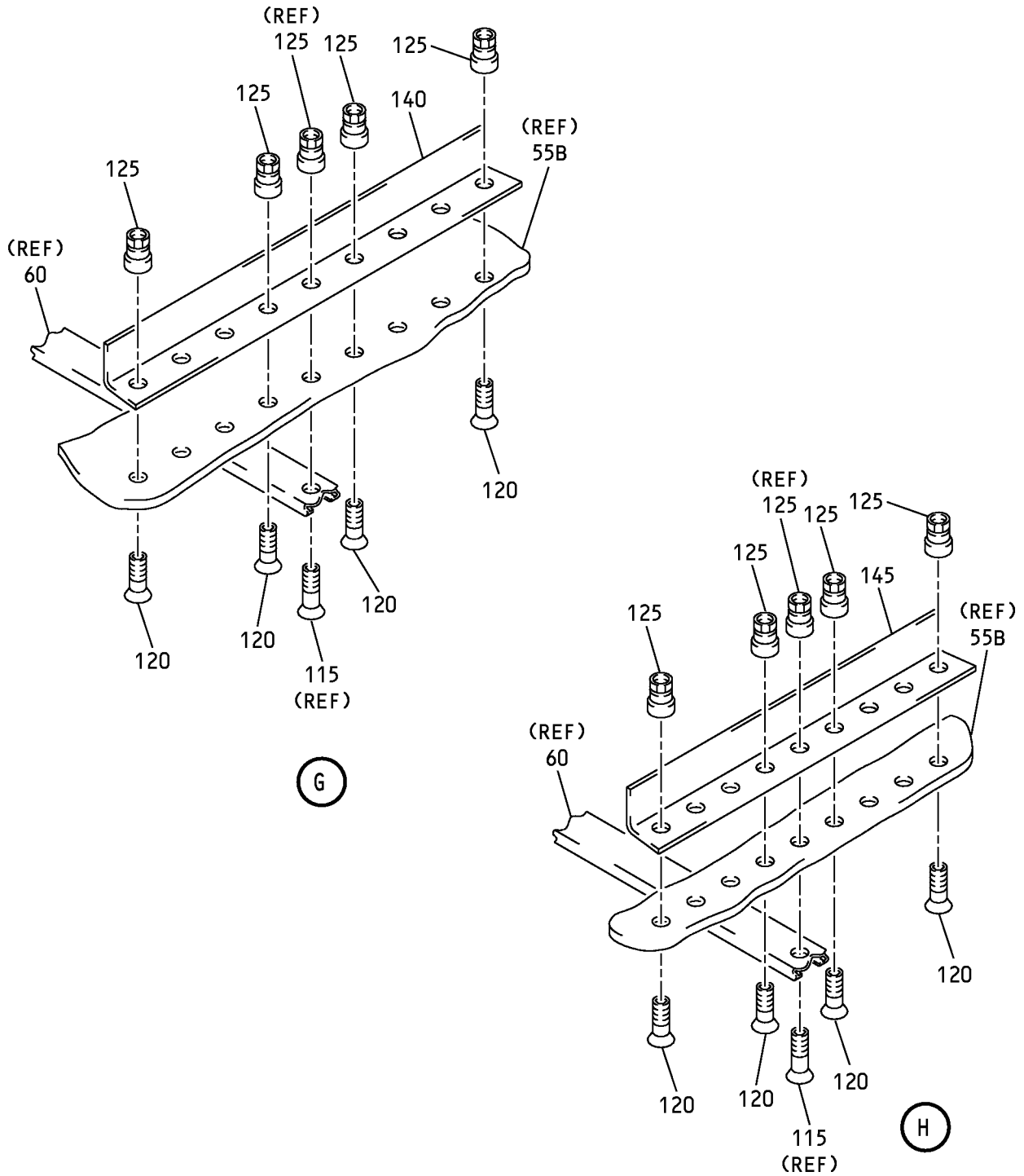
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1751095 S0000314028_V1

Rudder Assembly
IPL Figure 2 (Sheet 6 of 7)

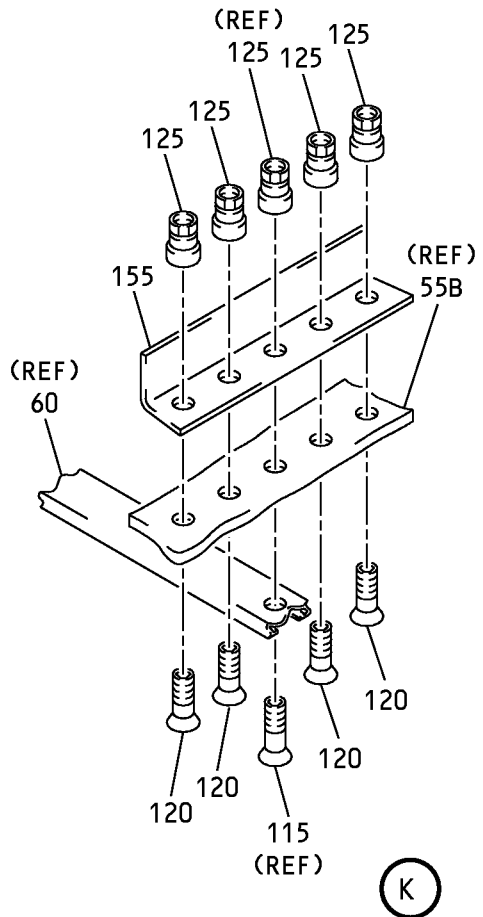
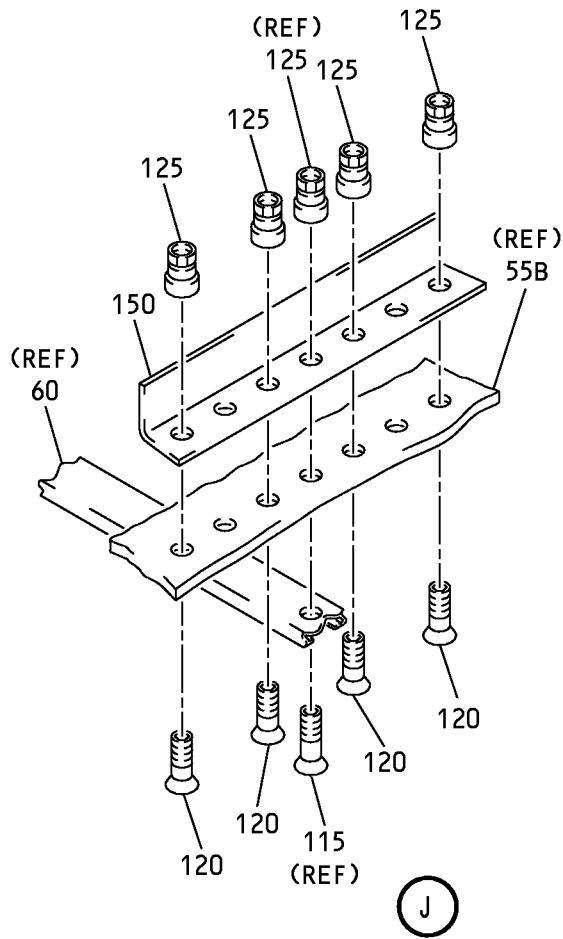
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1751102 S0000314029_V1

Rudder Assembly
IPL Figure 2 (Sheet 7 of 7)

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
2-											
-1A	173A1001-1								RIB INSTL-LWR CLOSURE (LIMITED USAGE)	A	RF
-1B	173A1001-1								RIB INSTL-LWR CLOSURE	B-E	RF
-1C	173A1001-2								RIB INSTL-LWR CLOSURE	F-J	RF
-1E	173A1001-4								RIB INSTL-LWR CLOSURE	K, L	RF
5	BACB30VF3K5								. BOLT		9
10	HL1012AZ6-3								. BOLT (V97928) (SPEC BACB30NX6K3) (OPT HL12VAZ6-3 (V73197)) (OPT HL12VAZ6-3 (V92215)) (OPT HL12VAZ6-3 (V97928)) (OPT L802-6K3 (V06725)) (OPT HL12VAZ6-3 (V56878)) (OPT HL1012AZ6-3 (V0PTK6)) (OPT HL1012AZ6-3 (V06725)) (OPT HL1012AZ6-3 (V06950)) (OPT HL1012AZ6-3 (V17446)) (OPT HL1012AZ6-3 (V56878)) (OPT HL1012AZ6-3 (V60516)) (OPT HL1012AZ6-3 (V73197))		9
15	BACB30VF3K6								. BOLT		8
20	BACW10BP3APU								. WASHER		17
25	PLH53CM								. NUT (VF0224) (SPEC BACN10YR3CM) (OPT PLH53CM (V62554))		17
30	HL97DU6								. COLLAR (V73197) (SPEC BACC30AB6S) (OPT HL97DU6 (V56878)) (OPT HL97DU6 (V5M902))		9
35	BACF3F009J132NG								. FILLER		1
40	173A1112-1								. RETAINER-SEAL		1
45	173A1113-1								. SEAL-AERODYN		1
50	BACS40V010D021								. SHIM		2
55	173A1101-1								. RIB	A-E	1
55A	173A1101-3								. RIB	F-J	1

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
2-											
I 55B	173A1101-4		.	RIB						K, L	1
I 60	173A1113-3		.	SEAL ASSY						F-L	1
I 65	173A1113-2		..	SEAL						F-L	1
I 70	173A1113-4		..	PLUG						F-L	1
75	173A1113-5		.	PLUG						F-J	6
I 80	WC331K5-2		.	BOLT (V60516) (SPEC BACB30YP5K2)						F-L	21
I 83	WC331K5-2		.	BOLT (V60516) (SPEC BACB30YP5K2)						K, L	1
I 85	BACC30BS5S		.	COLLAR						F-L	21
I 88	BACC30BS5S		.	COLLAR						K, L	1
I 90	BACB30NM3K8		.	BOLT						F-L	1
I 95	K29646-3		.	WASHER (V15653) (SPEC BACW10CA3CV) (OPT 70188-3 (V56878)) (OPT 922007-3 (V60119)) (OPT 942007-3 (V60119))						F-L	1
I 100	AF5141-3-3		.	RIVET (V53551) (SPEC BACR15DR3A3) (OPT RV541A3-3 (V98996)) (OPT CCR264CS3-3TT (V11815))						F-L	2
I 105	BRF200C3M		.	NUTPLATE (V52828) (SPEC BACN10JR3CFM) (OPT F5001-3BAC (V15653)) (OPT NS103203SE02 (V80539)) (OPT VN152D1-02 (V92215)) (OPT 109F9201-3 (V72962)) (OPT T8092C1032 (V11815))						F-L	1
I 110	173A1112-2		.	RETAINER						F-L	1
I 115	WC331K5-3		.	BOLT (V60516) (SPEC BACB30YP5K3)						K, L	6
I 120	WC331K5-2		.	BOLT (V60516) (SPEC BACB30YP5K2)						K, L	46

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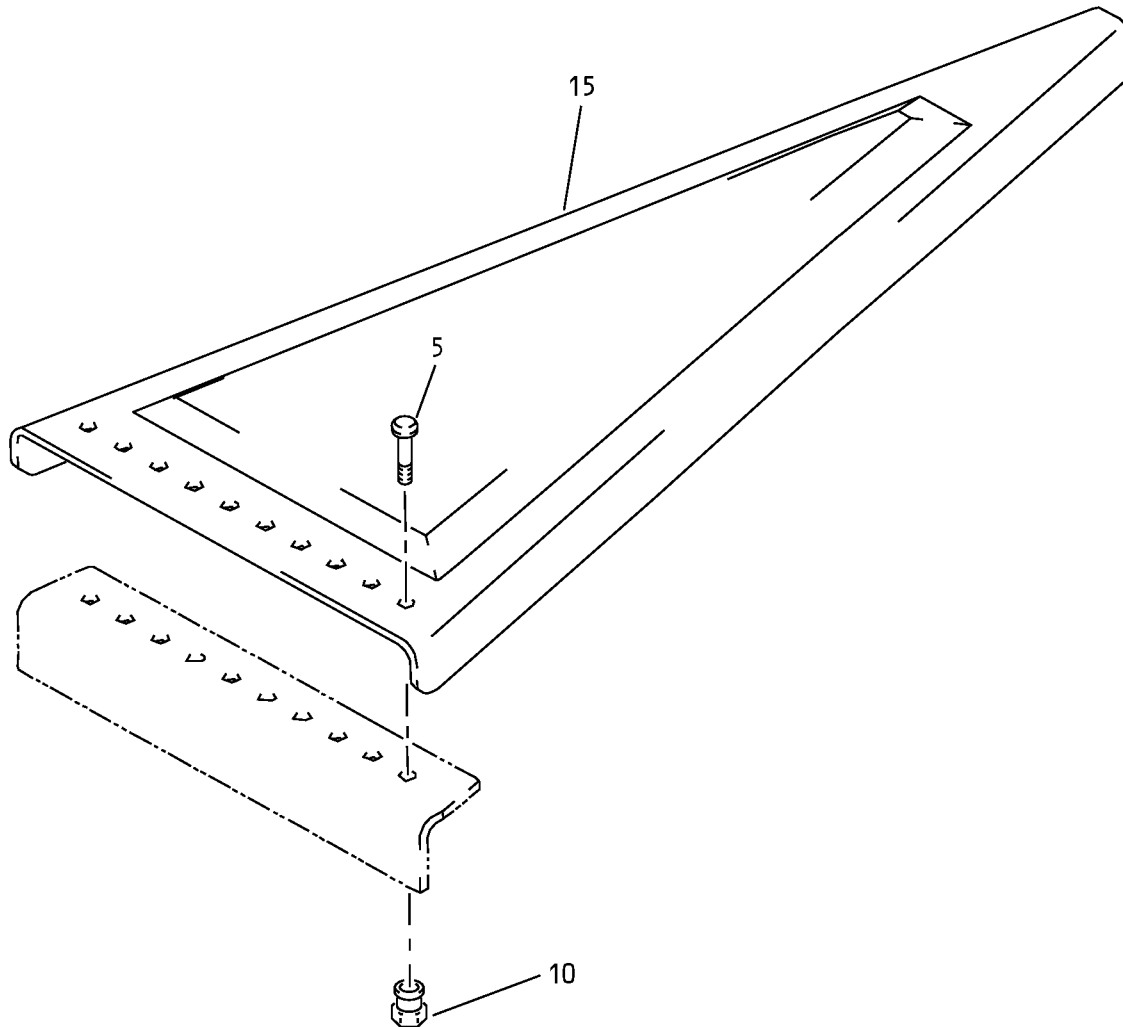


COMPONENT MAINTENANCE MANUAL

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
2-											
I 125	BACC30BS5S		.							K, L	52
I 130	173A1114-1		.							K, L	1
I 135	173A1114-2		.							K, L	1
I 140	173A1114-3		.							K, L	1
I 145	173A1114-4		.							K, L	1
I 150	173A1114-5		.							K, L	1
I 155	173A1114-6		.							K, L	1

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Rudder Assembly
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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
3-											
-1A	173A1002-1									A	RF
-1B	173A1002-1									B-L	RF
5	HL1012AZ6-3										10
10	HL97DU6										10
15	173A1102-1										1

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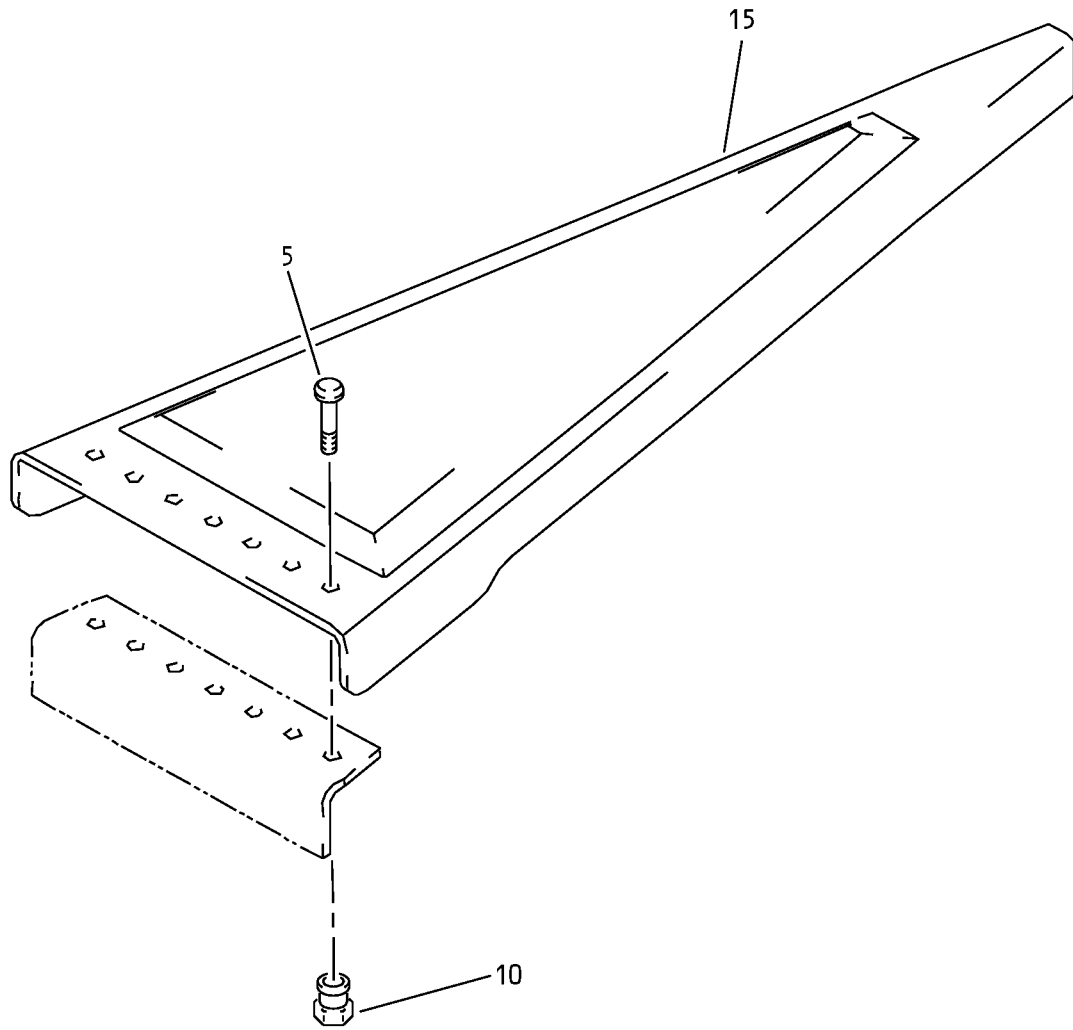
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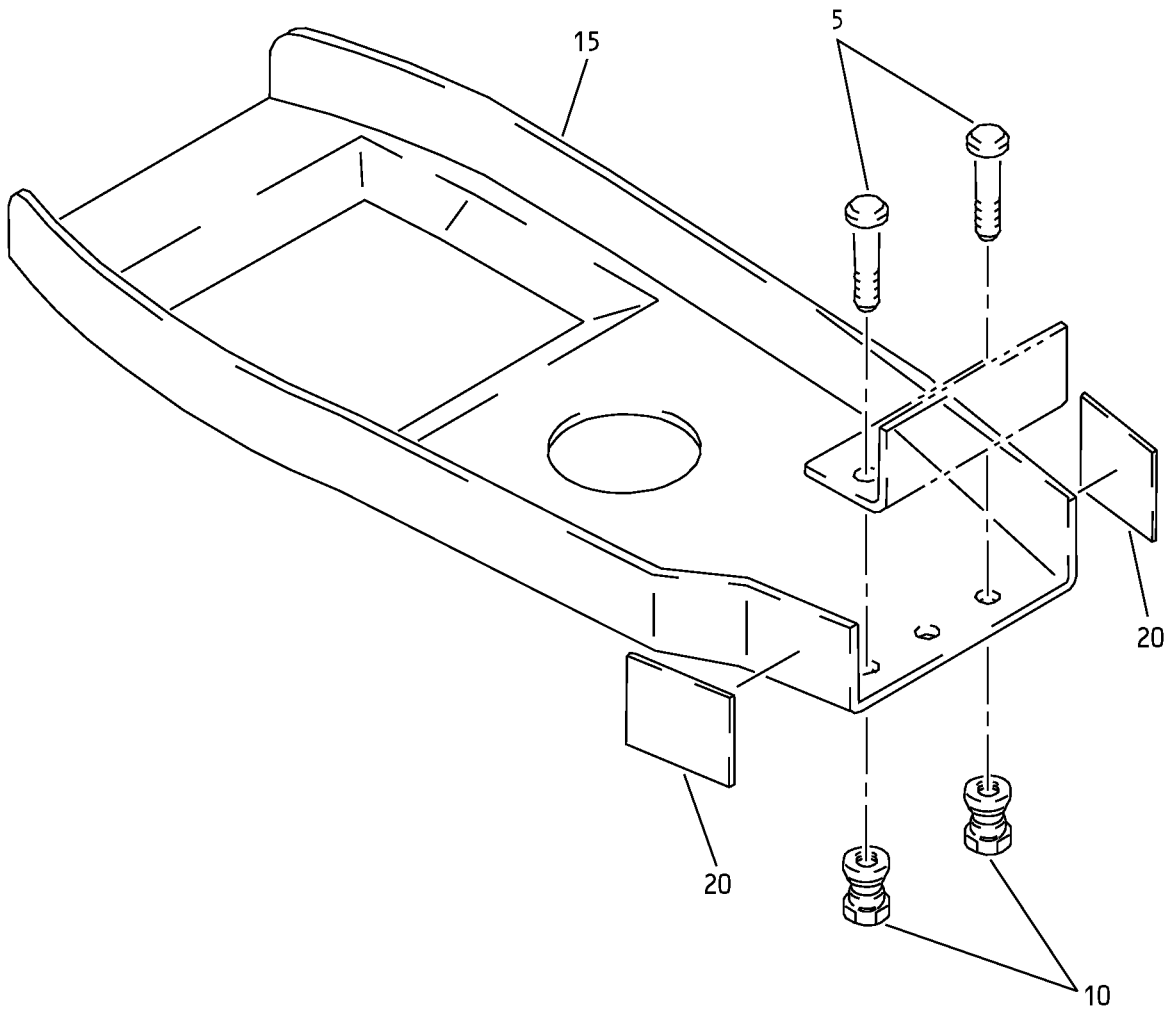
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Rudder Assembly
IPL Figure 4

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Rudder Assembly
IPL Figure 5

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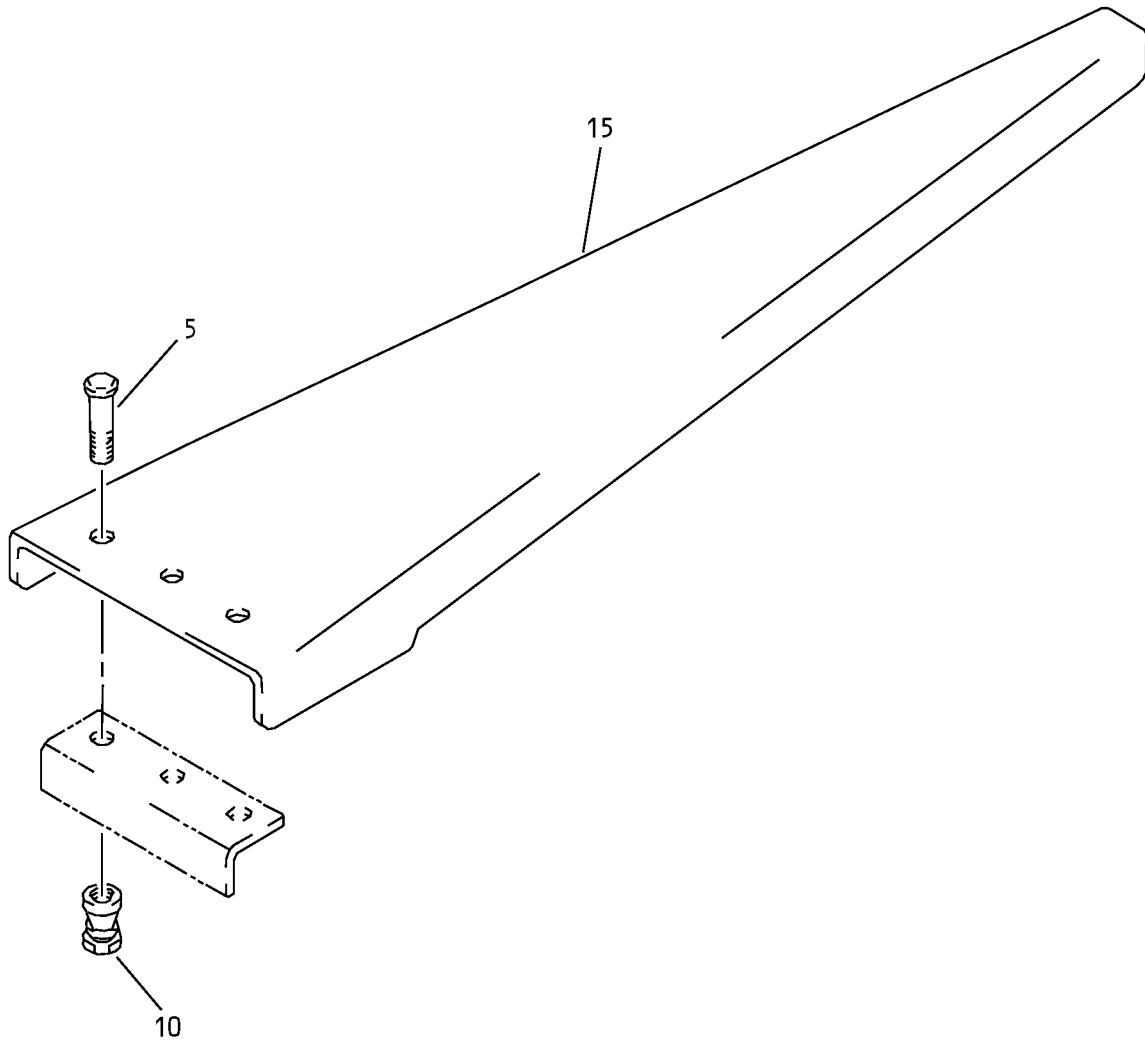
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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
5-											
-1A	173A1006-1									A	RF
-1B	173A1006-1									B-L	RF
5	HL1012AZ6-4										3
10	HL97DU6										3
15	173A1106-1										1
20	BACS40V013D015										2

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Rudder Assembly
IPL Figure 6

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
6-											
-1A	173A1007-1		RIB	IN	STL	-AFT	TIP	BAL		A	RF
-1B	173A1007-1		RIB	IN	STL	-AFT	TIP	BAL		B-L	RF
5	HL1012AZ6-3		.	BOLT							3
				(V97928)							
				(SPEC BACB30NX6K3)							
				(OPT HL12VAZ6-3 (V73197))							
				(OPT HL12VAZ6-3 (V92215))							
				(OPT HL12VAZ6-3 (V97928))							
				(OPT L802-6K3 (V06725))							
				(OPT HL12VAZ6-3 (V56878))							
				(OPT HL1012AZ6-3 (V0PTK6))							
				(OPT HL1012AZ6-3 (V06725))							
				(OPT HL1012AZ6-3 (V06950))							
				(OPT HL1012AZ6-3 (V17446))							
				(OPT HL1012AZ6-3 (V56878))							
				(OPT HL1012AZ6-3 (V60516))							
				(OPT HL1012AZ6-3 (V73197))							
10	HL97DU6		.	COLLAR							3
				(V73197)							
				(SPEC BACC30AB6S)							
				(OPT HL97DU6 (V56878))							
				(OPT HL97DU6 (V5M902))							
15	173A1107-1		.	RIB							1

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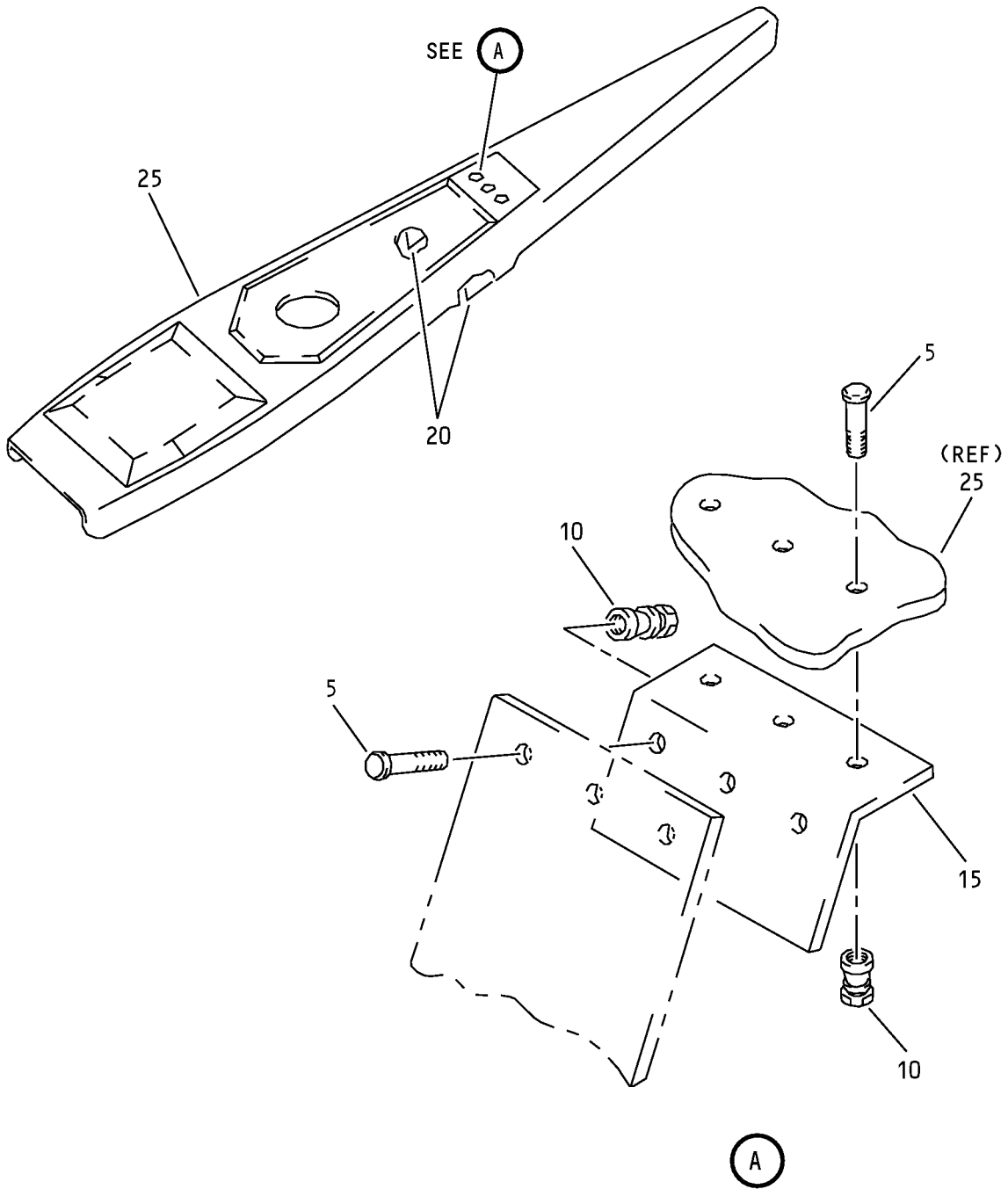
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Rudder Assembly
IPL Figure 7



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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
7-											
-1A	173A1008-1									A	RF
-1B	173A1008-1									B-L	RF
5	HL1012AZ6-3										6
10	HL97DU6										6
15	173A2101-7										1
20	BACS40V010D021										2
25	173A1108-1										1

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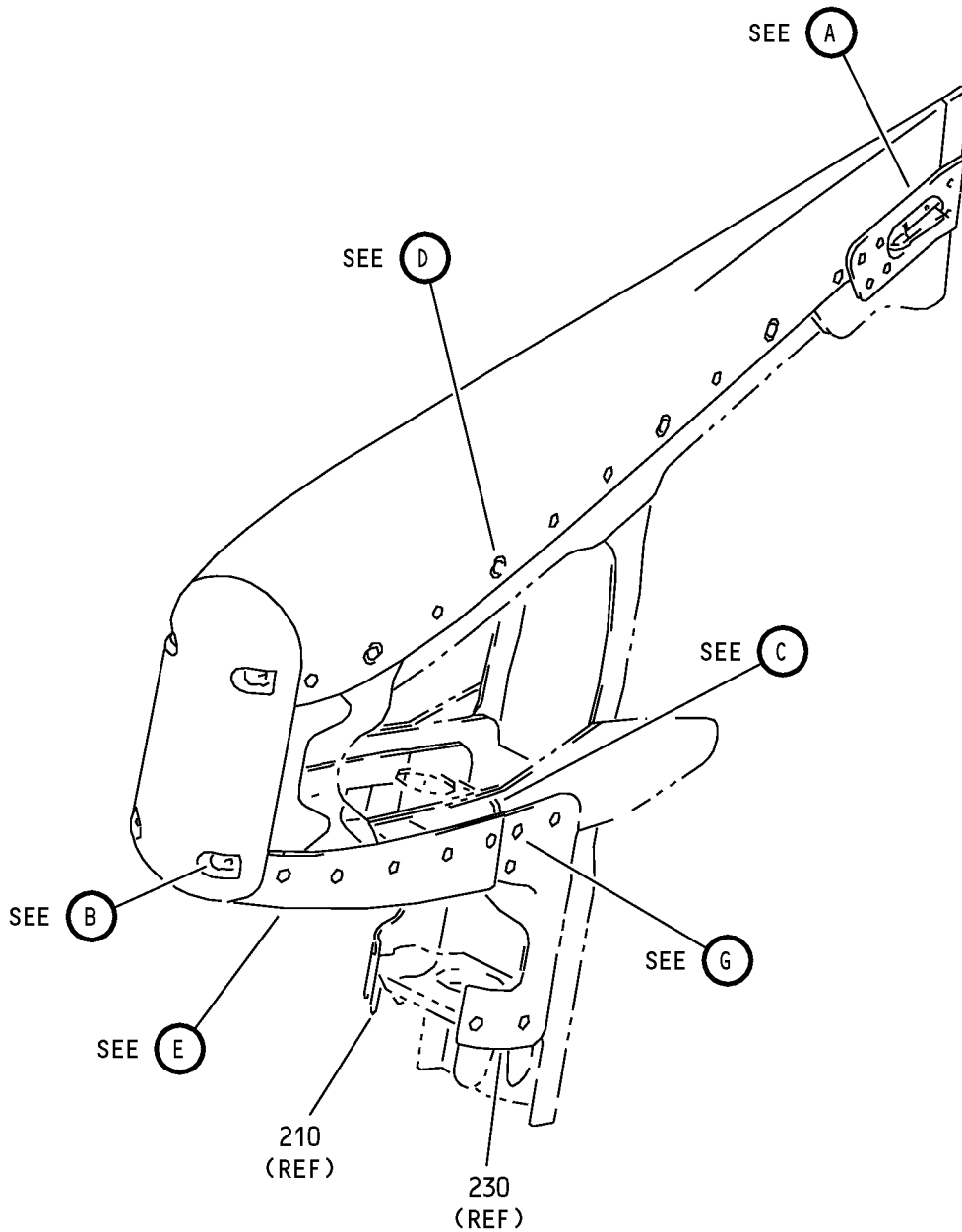
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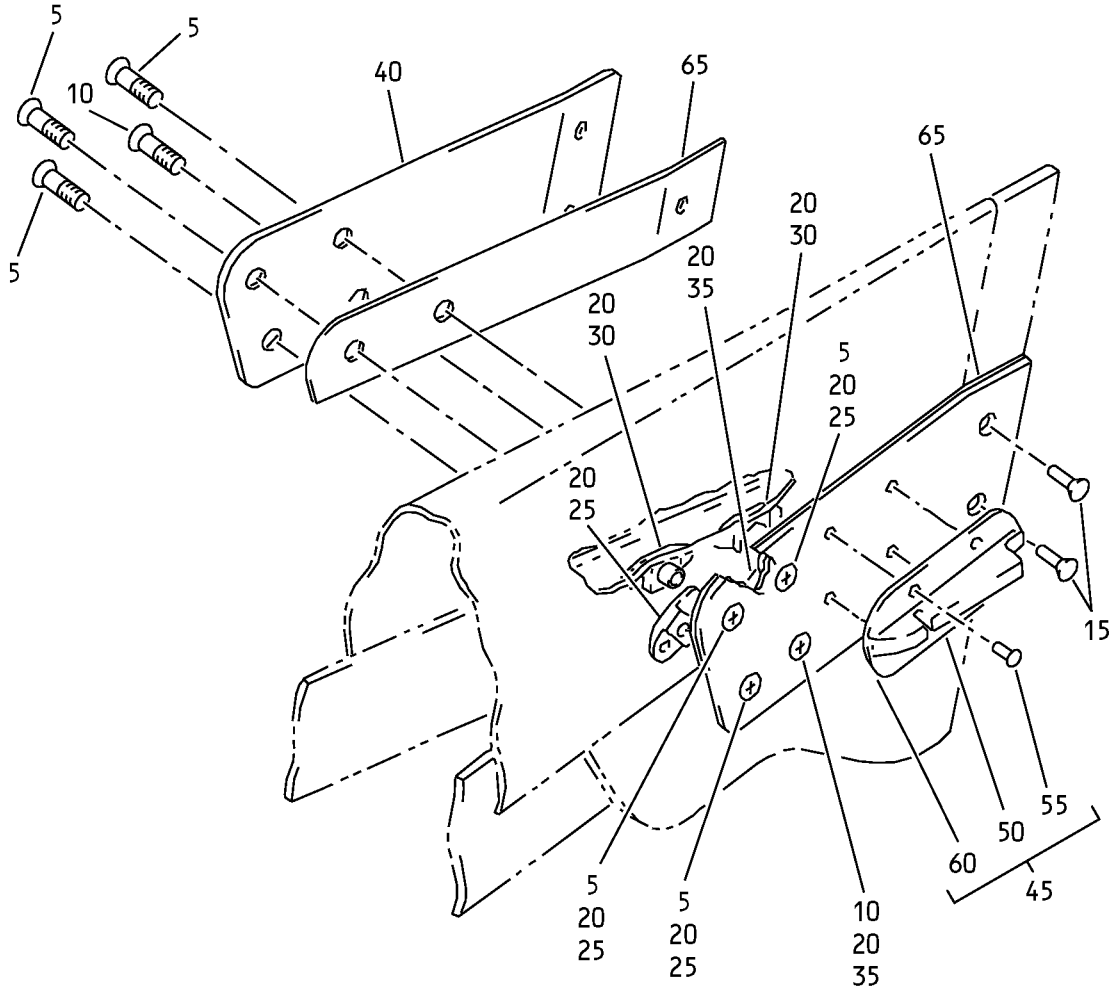
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Rudder Assembly
IPL Figure 8 (Sheet 1 of 7)

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A

Rudder Assembly
IPL Figure 8 (Sheet 2 of 7)

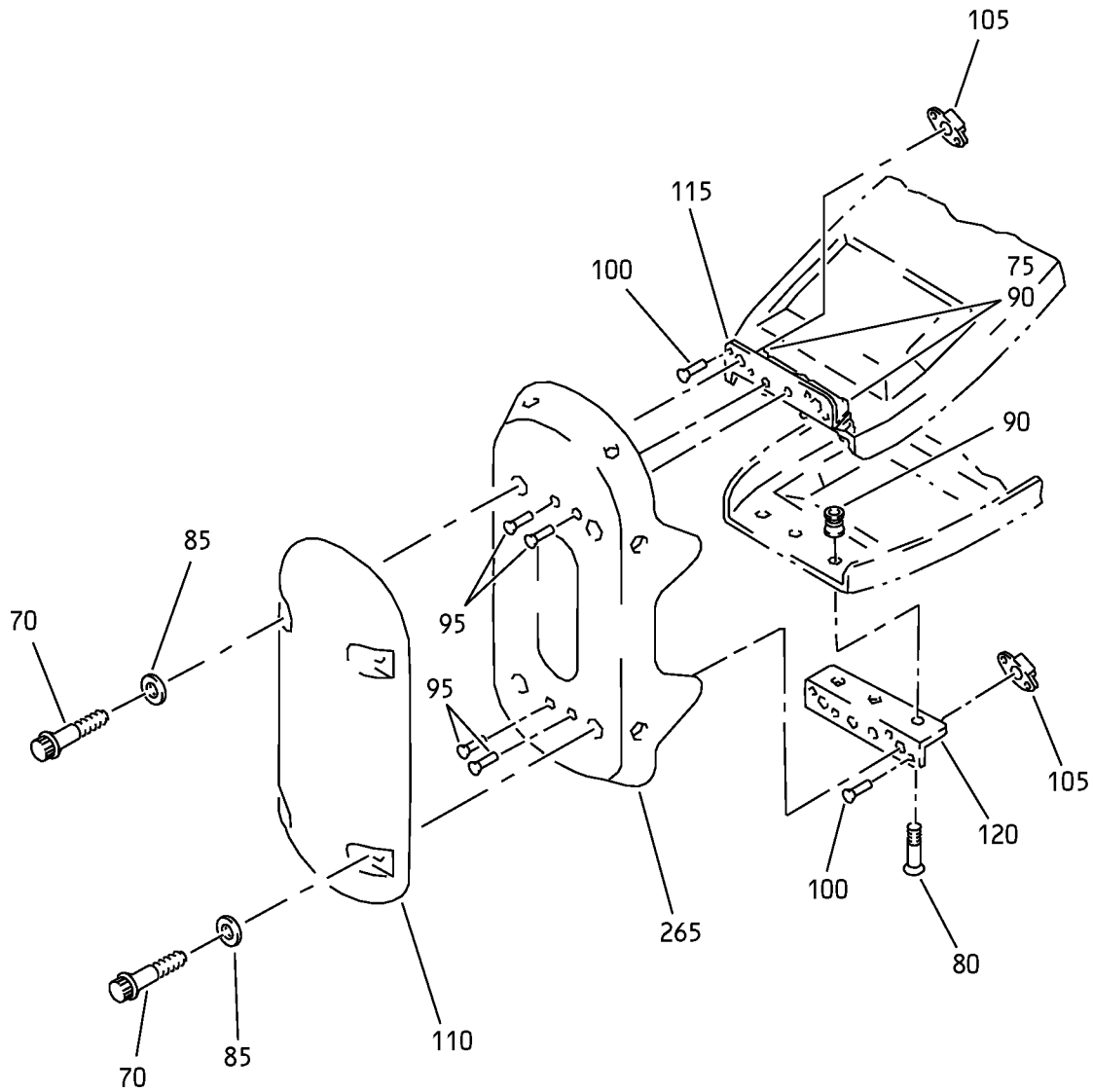
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B

Rudder Assembly
IPL Figure 8 (Sheet 3 of 7)

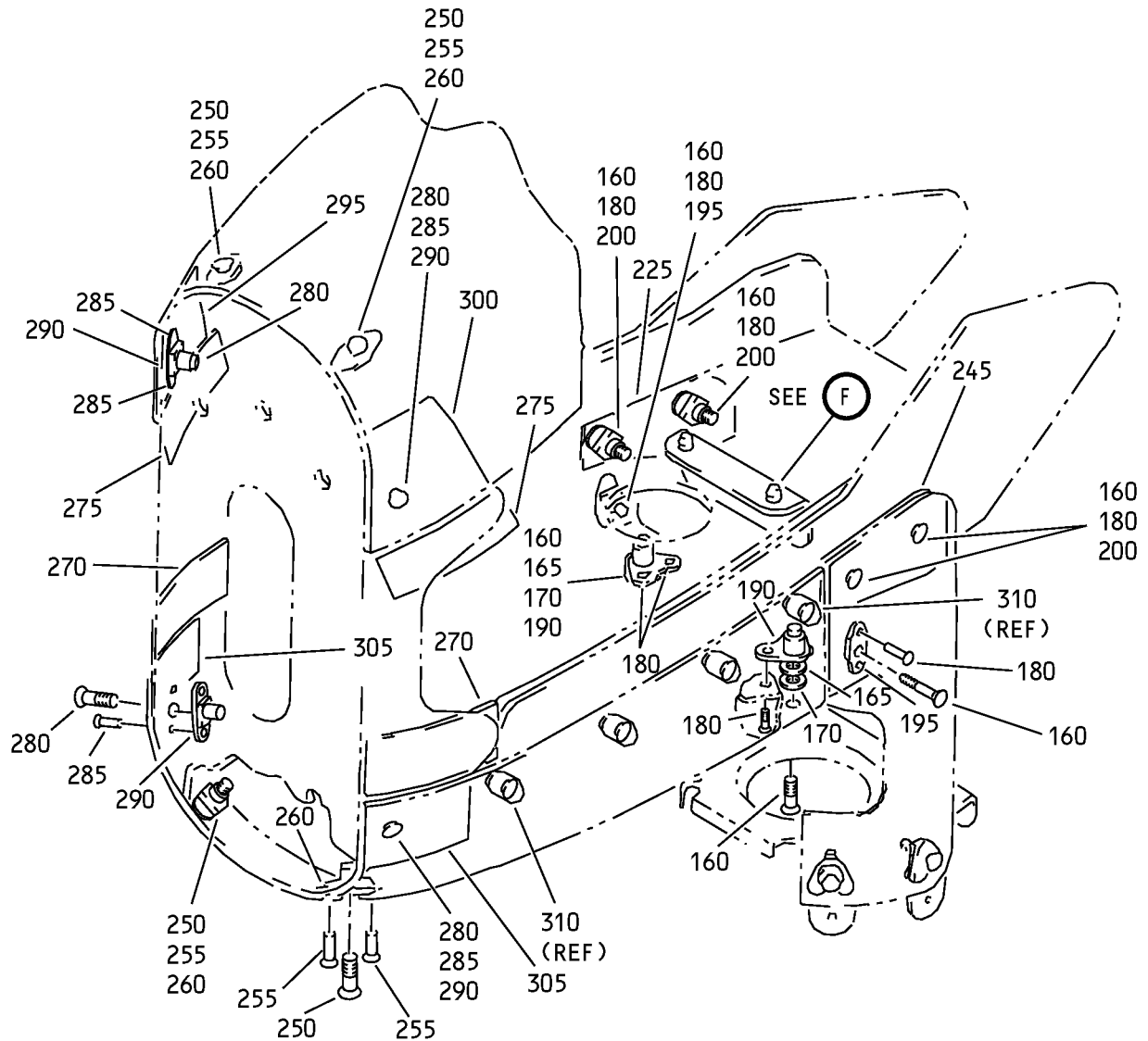
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C

Rudder Assembly
IPL Figure 8 (Sheet 4 of 7)

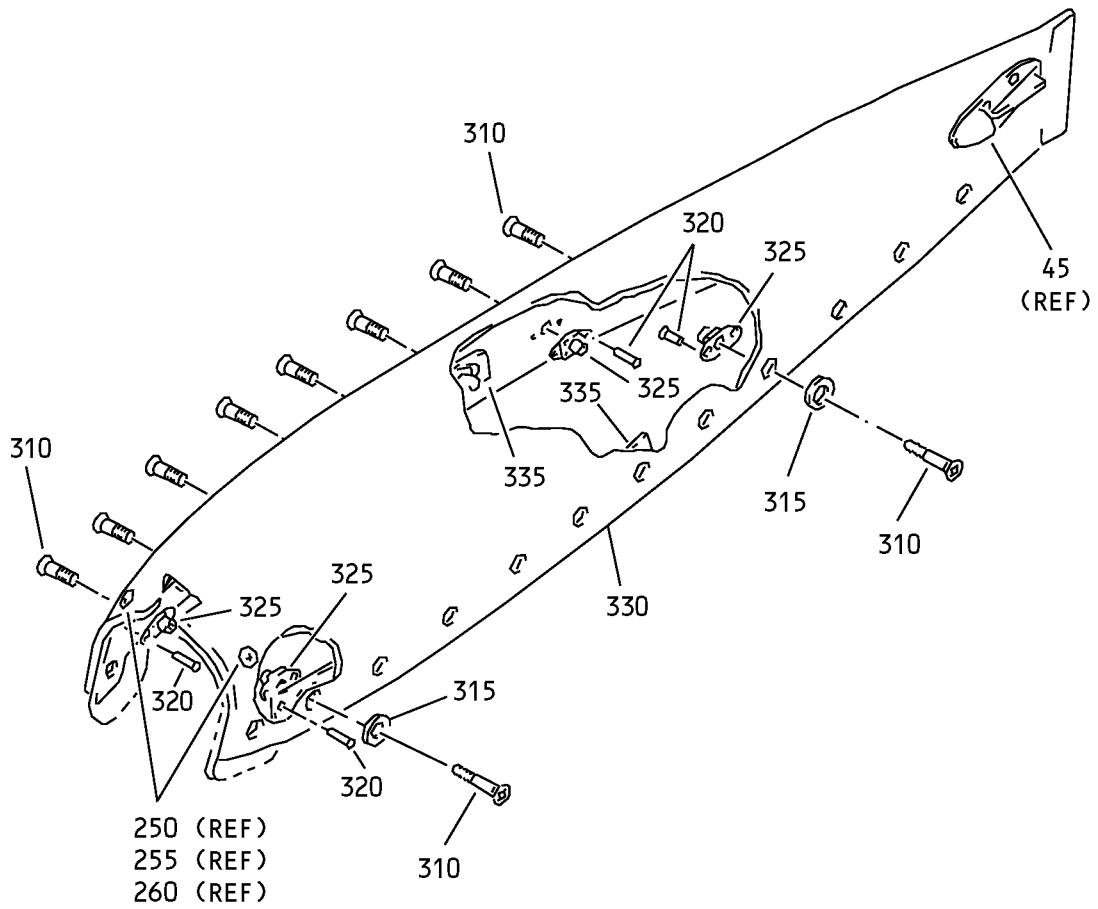
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D

Rudder Assembly
IPL Figure 8 (Sheet 5 of 7)

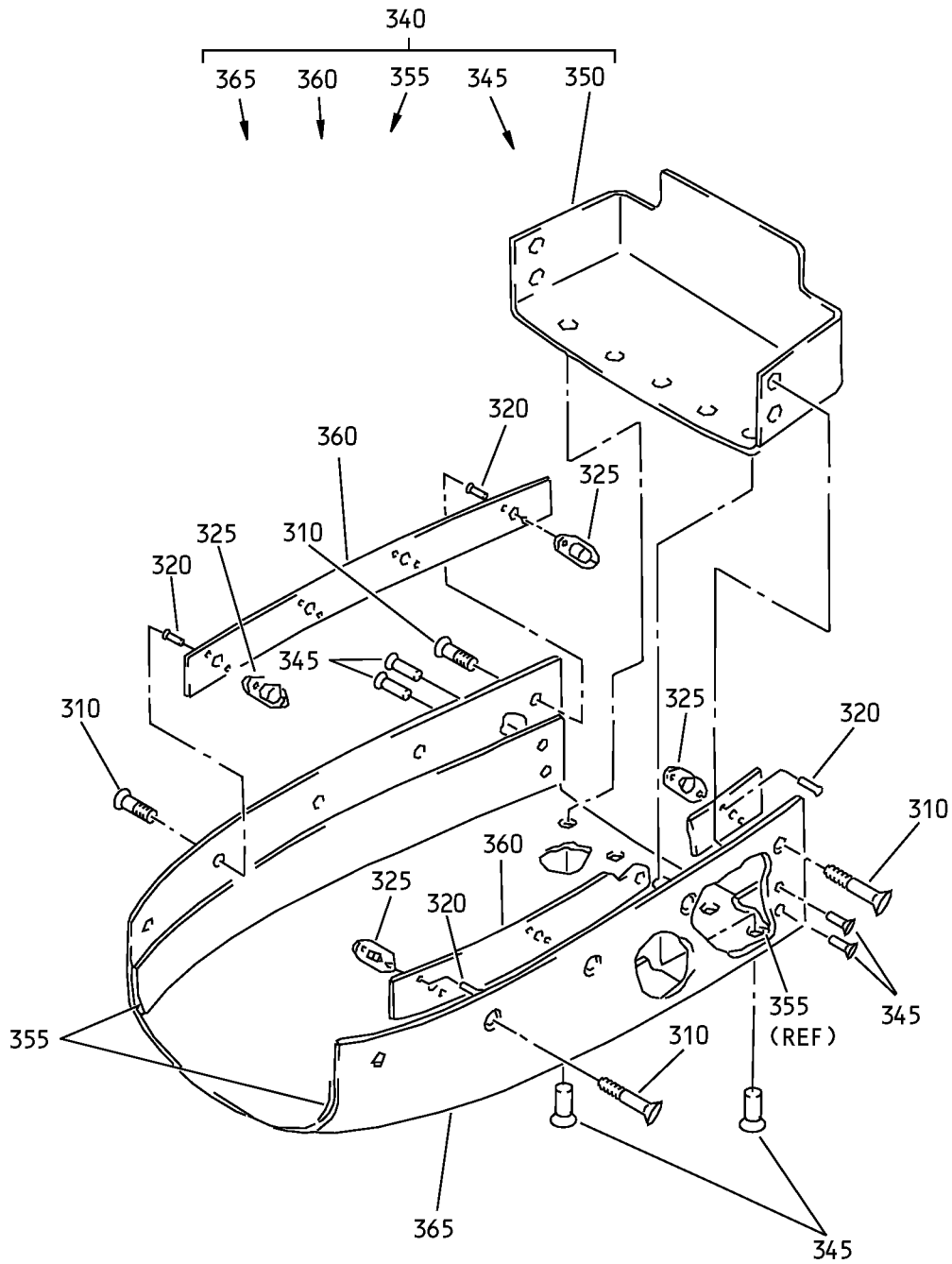
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(E)

Rudder Assembly
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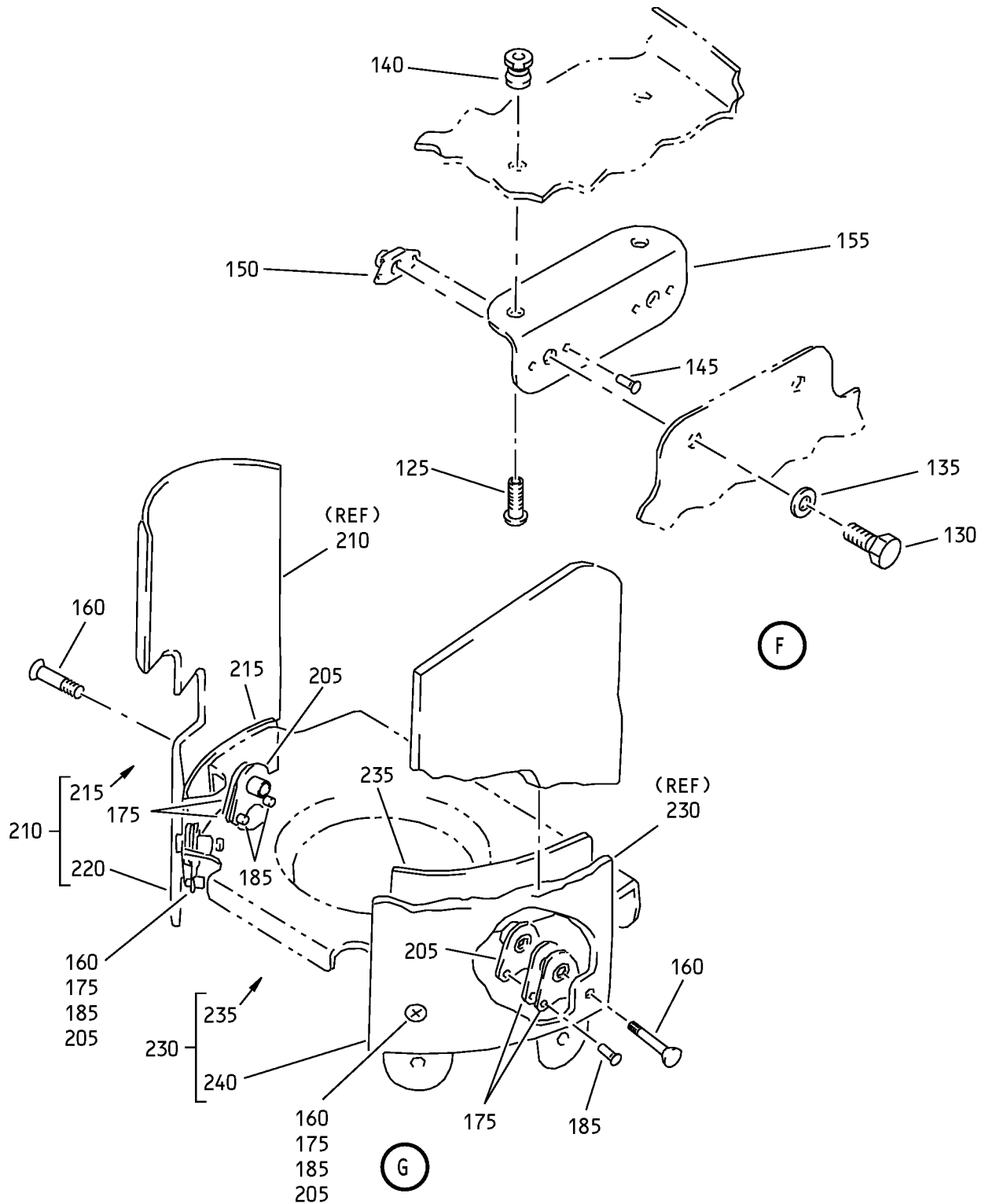
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Rudder Assembly
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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
8-											
-1A	173A6000-1									A	RF
-1B	173A6000-1									B	RF
-1C	173A6000-2									C-L	RF
5	BACB30VF3K5										6
10	BACB30VF3K3										2
15	BACR15GA5										2
20	BACR15DR3A										16
25	NS103191SE02-3										4
30	NS103191SE02-2										2
35	BRF200C3M										2
40	173A4201-4										1
45	173A4201-5										1
50	BACR15CE5AD										4
55	16335										1
60	173A4201-3										1
65	173A6005-1										2

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
8-											
70	BACB30LE4K9		.								4
75	HL1012AZ6-3		.								3
				(V97928)							
				(SPEC BACB30NX6K3)							
				(OPT HL12VAZ6-3 (V73197))							
				(OPT HL12VAZ6-3 (V92215))							
				(OPT HL12VAZ6-3 (V97928))							
				(OPT L802-6K3 (V06725))							
				(OPT HL12VAZ6-3 (V56878))							
				(OPT HL1012AZ6-3 (V0PTK6))							
				(OPT HL1012AZ6-3 (V06725))							
				(OPT HL1012AZ6-3 (V06950))							
				(OPT HL1012AZ6-3 (V17446))							
				(OPT HL1012AZ6-3 (V56878))							
				(OPT HL1012AZ6-3 (V60516))							
				(OPT HL1012AZ6-3 (V73197))							
80	HL1012AZ6-4		.								3
				(V97928)							
				(SPEC BACB30NX6K4)							
				(OPT HL12VAZ6-4 (V73197))							
				(OPT HL12VAZ6-4 (V92215))							
				(OPT HL12VAZ6-4 (V97928))							
				(OPT L802-6K4 (V06725))							
				(OPT HL12VAZ6-4 (V56878))							
				(OPT HL1012AZ6-4 (V0PTK6))							
				(OPT HL1012AZ6-4 (V06725))							
				(OPT HL1012AZ6-4 (V06950))							
				(OPT HL1012AZ6-4 (V17446))							
				(OPT HL1012AZ6-4 (V56878))							
				(OPT HL1012AZ6-4 (V60516))							
				(OPT HL1012AZ6-4 (V73197))							
85	BACW10BP4ACU		.								4
90	HL97DU6		.								6
				(V73197)							
				(SPEC BACC30AB6S)							
				(OPT HL97DU6 (V56878))							
				(OPT HL97DU6 (V5M902))							
95	BACR15CE5AD		.								4
				(SIZE DETERMINED ON INST)							
100	AF5141-3C		.								8
				(V53551)							
				(SPEC BACR15DR3AC)							
				(SIZE DETERMINED ON INST)							

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
8-											
105	BRF200C4D		.	NUTPLATE							4
				(V52828)							
				(SPEC BACN10JR4CFD)							
				(OPT K51602-4BAC (V15653))							
				(OPT NS202476-048 (V80539))							
				(OPT 102F9201-4 (V72962))							
				(OPT T8092C428CD (V11815))							
110	173A6101-1		.	WEIGHT-BAL							1
115	173A6100-2		.	SUPPORT-TIP, UPR							1
120	173A6100-3		.	SUPPORT-TIP, LWR							1
125	HL1012AZ5-3		.	BOLT							2
				(V97928)							
				(SPEC BACB30NX5K3)							
				(OPT HL12VAZ5-3 (V73197))							
				(OPT HL12VAZ5-3 (V92215))							
				(OPT HL12VAZ5-3 (V97928))							
				(OPT L802-5K3 (V06725))							
				(OPT HL12VAZ5-3 (V56878))							
				(OPT HL1012AZ5-3 (V0PTK6))							
				(OPT HL1012AZ5-3 (V06725))							
				(OPT HL1012AZ5-3 (V06950))							
				(OPT HL1012AZ5-3 (V17446))							
				(OPT HL1012AZ5-3 (V56878))							
				(OPT HL1012AZ5-3 (V60516))							
				(OPT HL1012AZ5-3 (V73197))							
130	BACB30NM3K3		.	BOLT							2
135	BACW10BP3ACU		.	WASHER							2
140	HL97DU5		.	COLLAR							2
				(V73197)							
				(SPEC BACC30AB5S)							
				(OPT HL97DU5 (V56878))							
				(OPT HL97DU5 (V5M902))							
145	BACR15DR3A		.	RIVET							4
				(SIZE DETERMINED ON INST)							
150	BRF200C3M		.	NUTPLATE							2
				(V52828)							
				(SPEC BACN10JR3CFM)							
				(OPT F5001-3BAC (V15653))							
				(OPT NS103203SE02 (V80539))							
				(OPT VN152D1-02 (V92215))							
				(OPT 109F9201-3 (V72962))							
				(OPT T8092C1032 (V11815))							

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
8-											
155	173A2101-1									A, B	1
-155A	173A2101-3									C-L	1
160	BACB30VF3K5										12
165	NAS463KC10H										2
170	NAS463KC10										2
175	NAS463FDD10										8
180	BACR15DR3A										16
185	BACR15CE3AD										8
-185A	AF5141-3C										8
190	NS103193SE02										2
195	F51747-3-4DL										2
200	NS103191SE02-3										4
205	NS202495-02										4
210	173A4300-11									A, B	1
-210A	173A4300-32									C-L	1
215	173A4310-47										1

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
8-											
I 220	173A4302-1		.	.	FAIRING					A, B	1
I -220A	173A4302-3		.	.	FAIRING					C-L	1
I 225	173A6005-7		.		SHIM-POLYIMIDE						1
I 230	173A4300-12		.		PANEL ASSY-COVER					A, B	1
I -230A	173A4300-33		.		PANEL ASSY-COVER					C-L	1
I 235	173A4310-48		.	.	FILLER						1
I 240	173A4302-2		.	.	FAIRING					A, B	1
I -240A	173A4302-4		.	.	FAIRING					C-L	1
I 245	173A6005-8		.		SHIM-POLYIMIDE						1
I 250	BACB30VF3K5		.		BOLT						4
I 255	AF5141-3C		.		RIVET (V53551) (SPEC BACR15DR3AC) (SIZE DETERMINED ON INST)						8
I 260	NS202493-02-4		.		NUTPLATE (V80539) (SPEC BACN10KE3B4CD) (OPT F51747-3-4CD (V15653)) (OPT 102A9213-4-3 (V72962)) (OPT BRFR220C3-4D (V52828))						4
I 265	173A6100-1		.		PAN-TIP SPRT						1
I 270	BACS40V010C019		.		SHIM						2
I 275	BACS40V010C022		.		SHIM						2
I 280	BACB30VF3K5		.		BOLT						4
I 285	AF5141-3C		.		RIVET (V53551) (SPEC BACR15DR3AC) (SIZE DETERMINED ON INST)						8
I 290	NS202493-02-2		.		NUTPLATE (V80539) (SPEC BACN10KE3B2CD) (OPT F51747-3-2CD (V15653)) (OPT 102A9213-2-3 (V72962)) (OPT BRFR220C3-2D (V52828))						4
I 295	173A6005-4		.		SHIM-POLYIMIDE						1
I 300	173A6005-3		.		SHIM-POLYIMIDE						1
I 305	BACS40V011C017		.		SHIM						2

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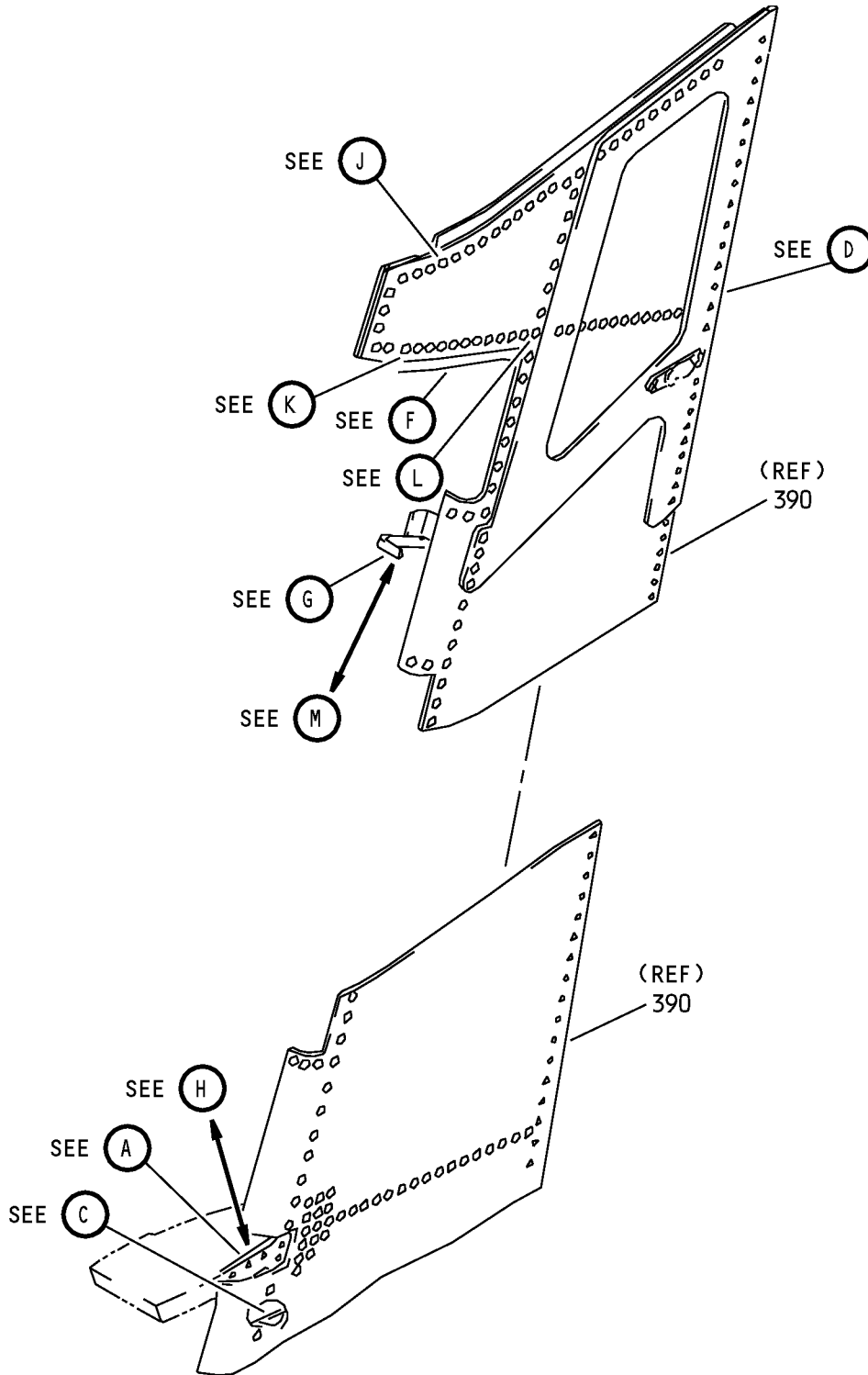
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			1	2	3	4	5	6	7		
8-											
310	BACB30VF3K5		.	B	O	L	T				24
315	BACW10DM6P		.	W	A	S	H	E	R		8
320	BACR15DR3A		.	R	I	V	E	T			48
									(SIZE DETERMINED ON INST)		
325	NS103191SE02-3		.	N	U	T	P	L	A	T	24
									(V80539)		
									(SPEC BACN10KE3B3CM)		
									(OPT F51747-3-3DL (V15653))		
									(OPT 104F9213-3-3 (V72962))		
									(OPT BRFR220C3-3M (V52828))		
330	173A6210-1		.	F	A	I	R	I	N	G	1
335	BACS40V011C158		.	S	H	I	M				2
340	173A6201-1		.	F	A	I	R	I	N	G	1
345	BACR15CE5AD		..	R	I	V	E	T			9
									(SIZE DETERMINED ON INST)		
350	173A6211-2		..	C	L	O	S	U	R	E	1
355	BACS40V013B010		..	S	H	I	M				2
360	BACS40V011F108		..	S	H	I	M				2
365	173A6211-1		..	F	A	I	R	I	N	G	1

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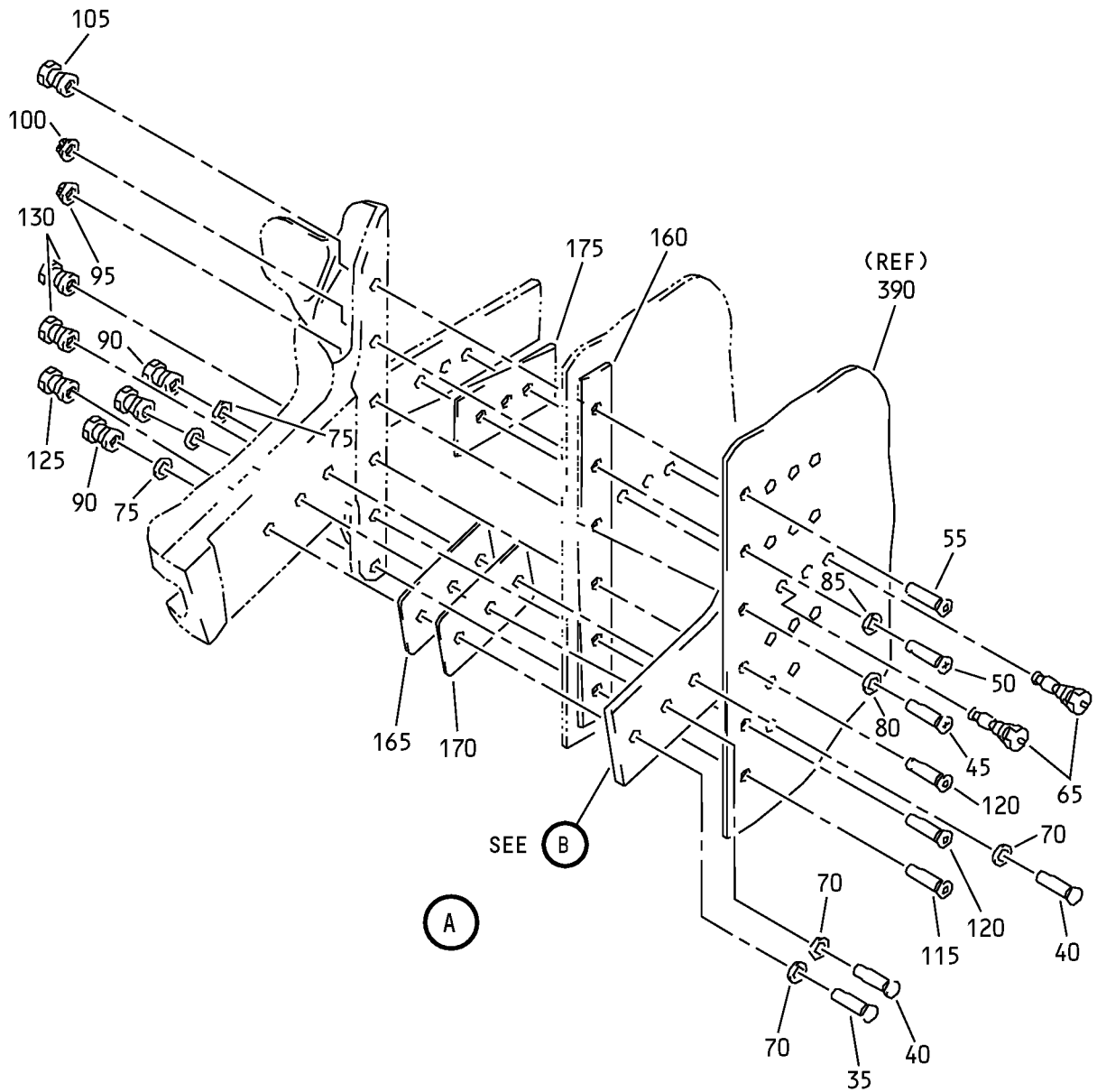
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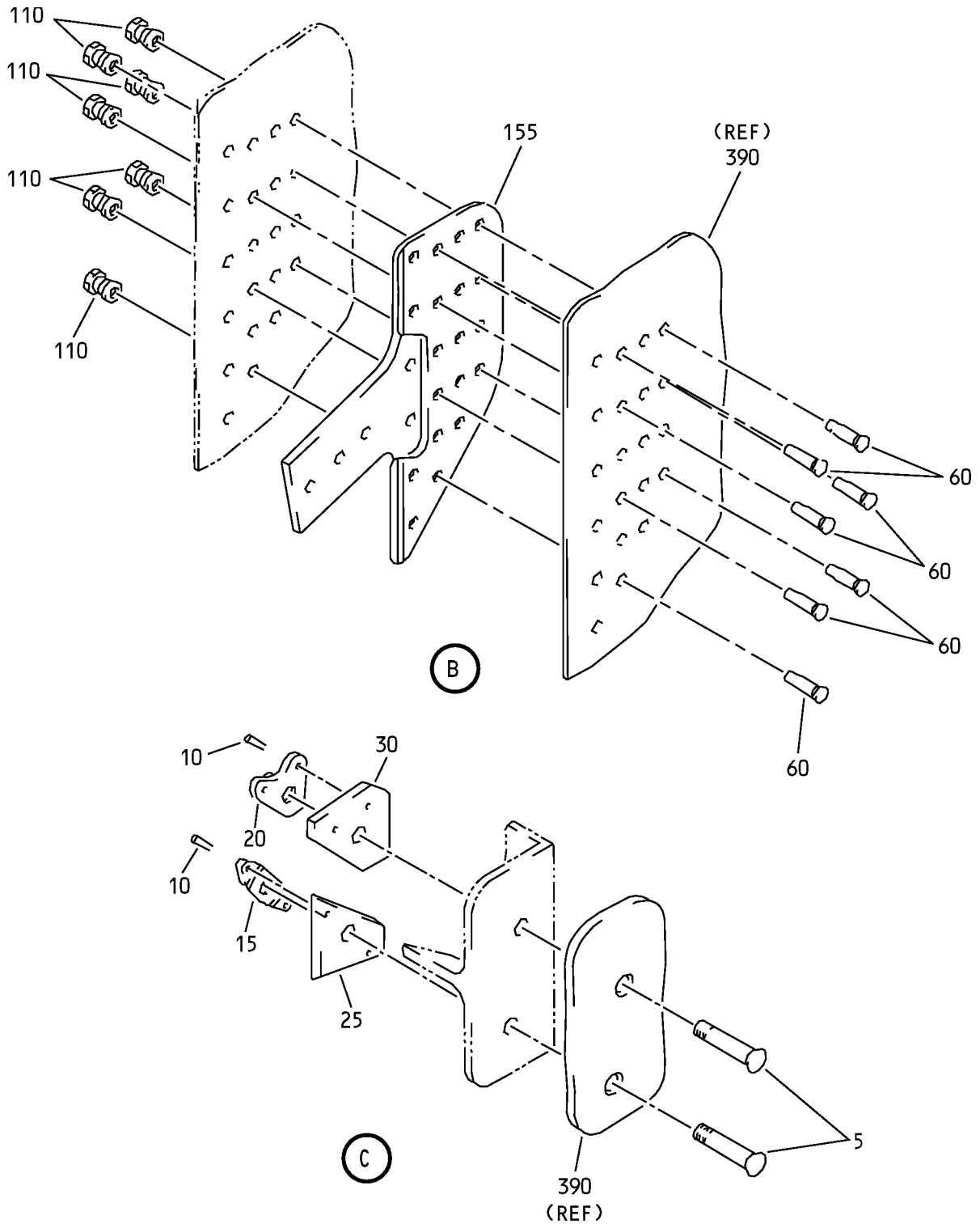
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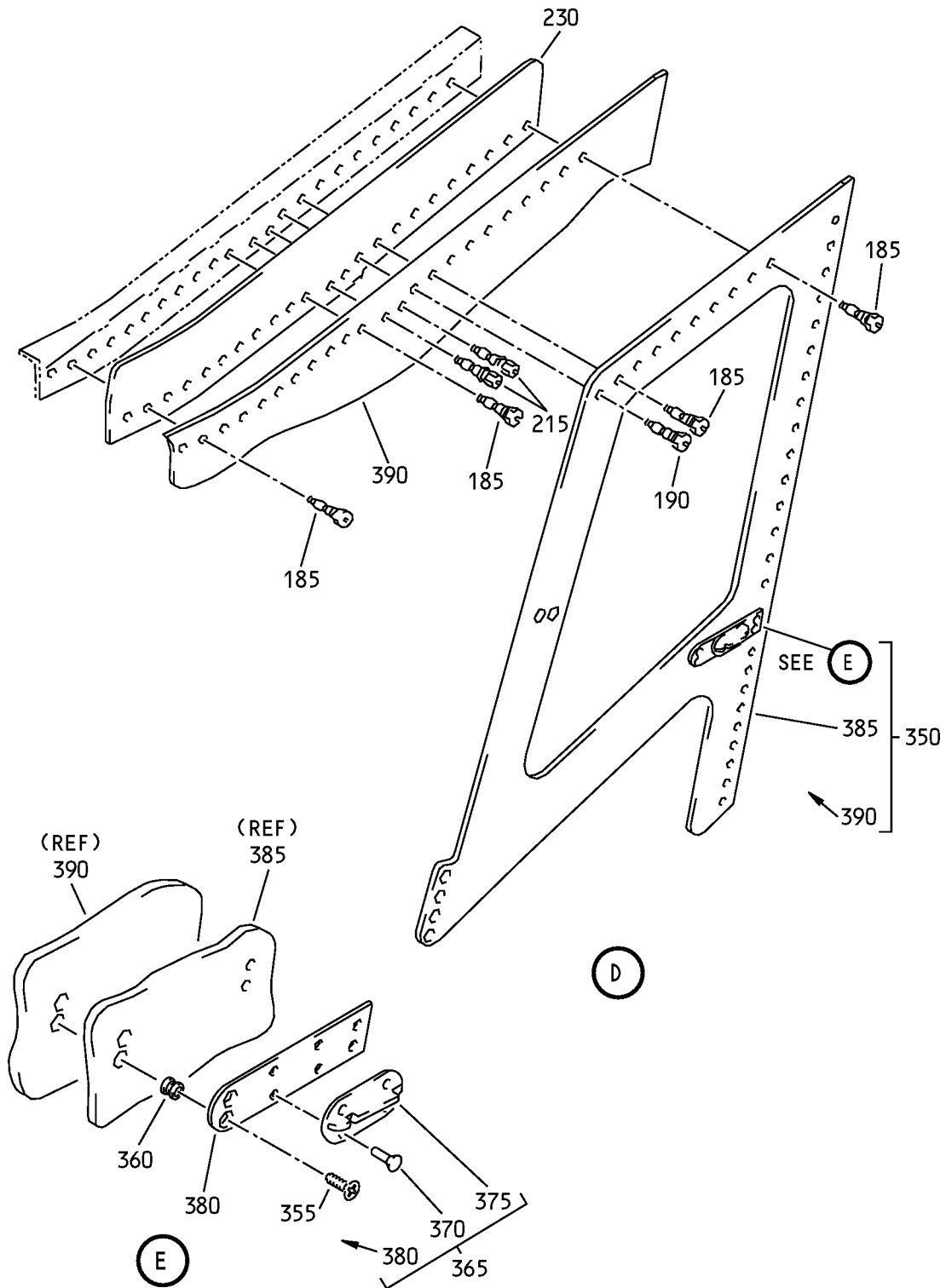
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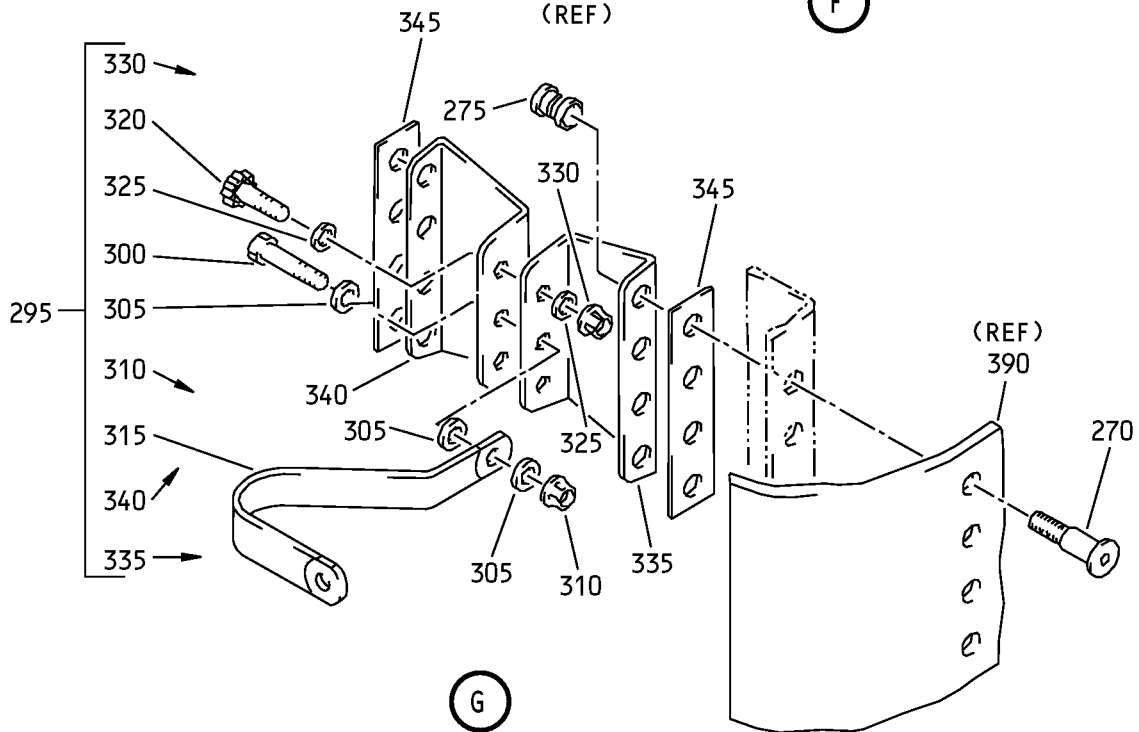
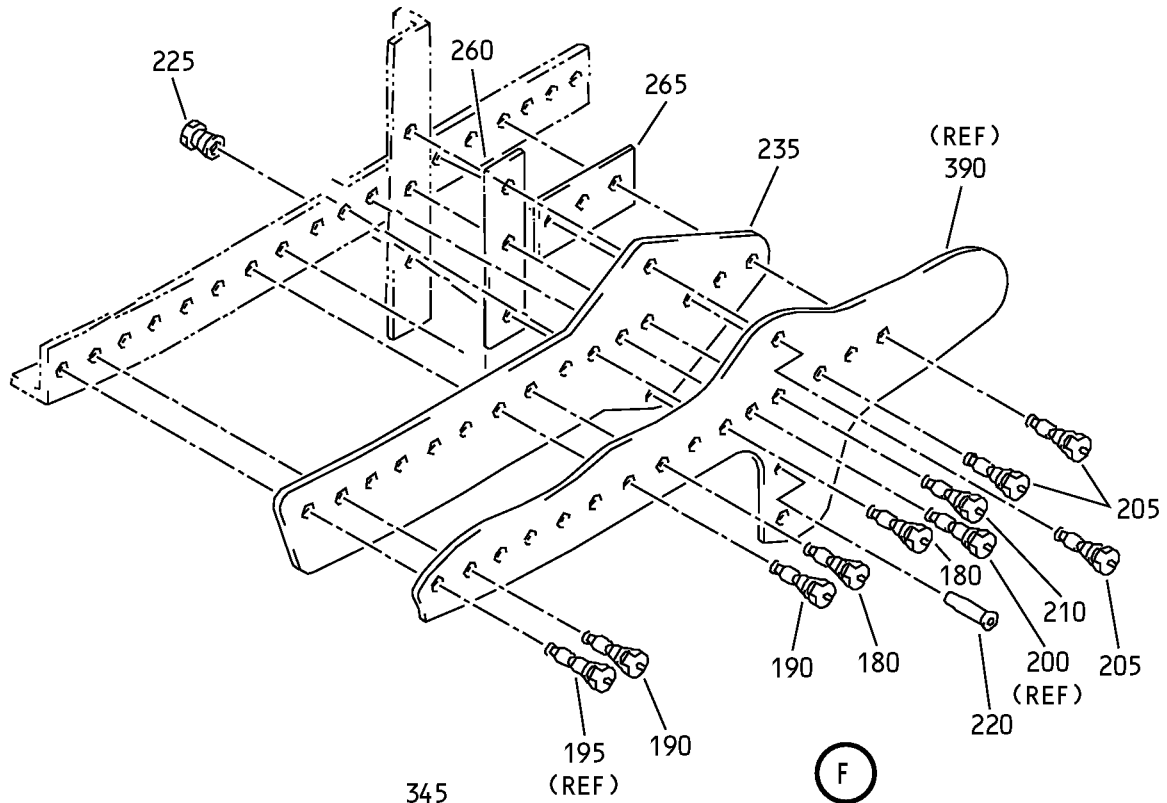
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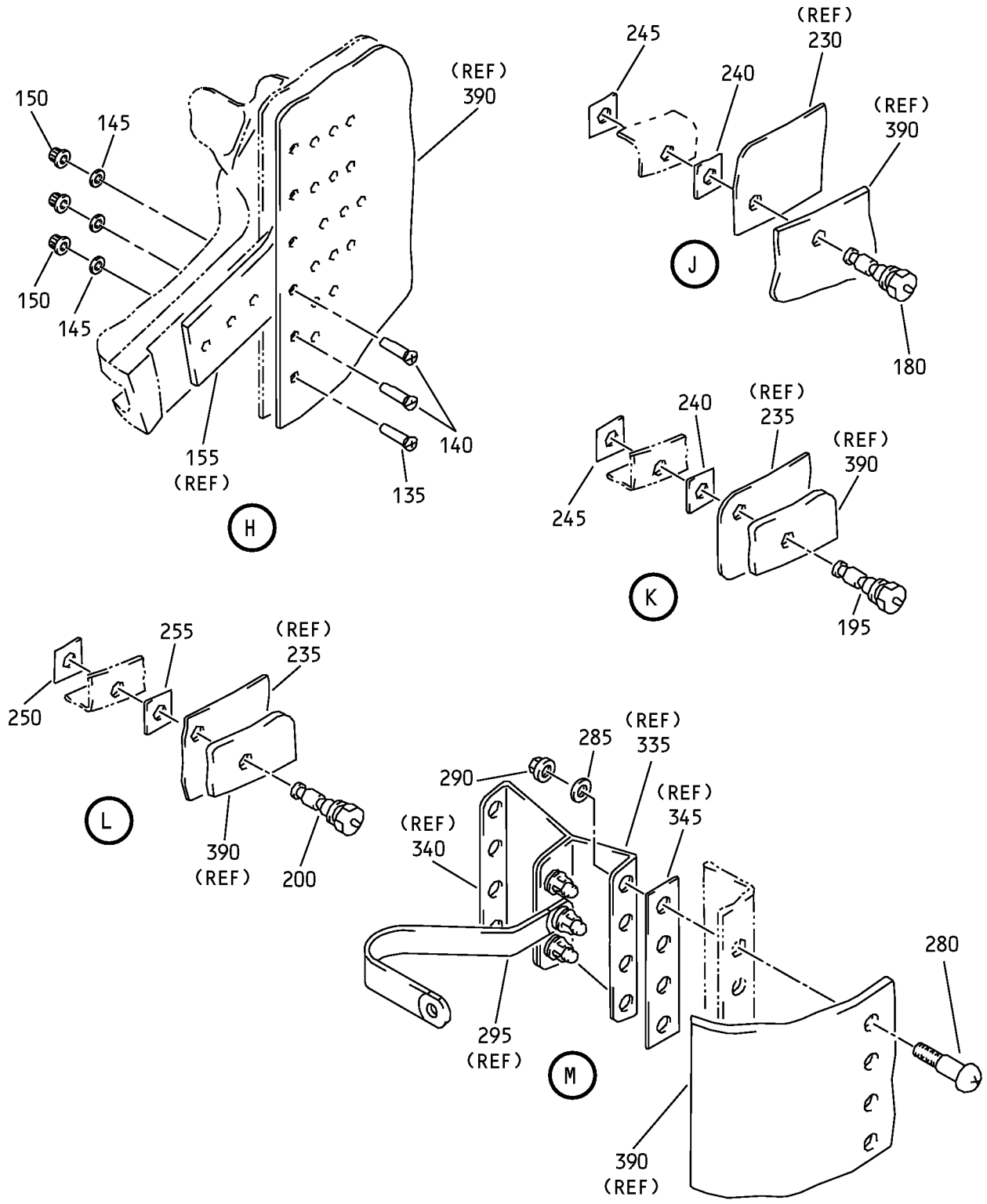
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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
9-											
-1A	173A4000-1									A	RF
-1B	173A4000-5									A	RF
-1C	173A4000-7									A	RF
-1D	173A4000-7									B	RF
-1E	173A4000-9									C-K	RF
-1F	173A4000-15									L	RF
5	BACB30NN4K11										2
10	BACR15BA3AD										4
15	NS202493-048-1									A-K	1
-15A	BACN10KE4B1CD									L	1
-15B	BRFR220C4-10									L	1
20	NS202495-048										1
25	173A4005-9										1
30	173A4005-7										1
35	HLT423AP10-12									A	1

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
9-											
I -35A	HLT420AP10-17		.	BOLT						C-L	1
				(V97928)							
				(SPEC BACB30YL10K17)							
				(OPT HLT420AP10-17 (V06725))							
				(OPT HLT420AP10-17 (V60516))							
-35B	HLT420AP10-14		.	BOLT						A, B	1
				(V06725)							
				(SPEC BACB30YL10K14)							
				(OPT HLT420AP10-14 (V97928))							
				(OPT HLT420AP10-14 (V60516))							
				(USED ON ITEMS 1B, 1C, 1D)							
40	HLT423AP10-13		.	BOLT						A	2
				(V97928)							
				(SPEC BACB30YM10K13)							
				(OPT HLT423AP10-13 (V06725))							
				(OPT HLT423AP10-13 (V60516))							
				(USED ON ITEM 1A)							
I -40A	HLT420AP10-18		.	BOLT						C-L	2
				(V97928)							
				(SPEC BACB30YL10K18)							
				(OPT HLT420AP10-18 (V06725))							
				(OPT HLT420AP10-18 (V60516))							
-40B	HLT420AP10-15		.	BOLT						A, B	2
				(V06725)							
				(SPEC BACB30YL10K15)							
				(OPT HLT420AP10-15 (V97928))							
				(OPT HLT420AP10-15 (V60516))							
				(USED ON ITEMS 1B, 1C, 1D)							
45	BACB30LR5K12		.	BOLT							1
50	BACB30LR4K11		.	BOLT							1
55	HLT423AP8-11		.	BOLT							1
				(V97928)							
				(SPEC BACB30YM8K11)							
				(OPT HLT423AP8-11 (V06725))							
				(OPT HLT423AP8-11 (V60516))							

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
9-											
60	HL13VAZ8-5		.	BOLT							12
				(V56878)							
				(SPEC BACB30NY8K5)							
				(OPT HL13VAZ8-5 (V73197))							
				(OPT HL13VAZ8-5 (V92215))							
				(OPT HL13VAZ8-5 (V97928))							
				(OPT L801-8K5 (V06725))							
				(OPT HL13VAZ8-5 (V08524))							
				(OPT HL13V5 (V06725))							
				(OPT HL13VAZ8-5 (V17446))							
				(OPT HL1013AZ8-5 (V60516))							
65	BACB30XS8-400D		.	BOLT							3
70	K29913-5		.	WASHER							3
				(V15653)							
				(SPEC BACW10CA5CC)							
				(OPT 70191-5 (V56878))							
				(OPT 922008-5 (V60119))							
				(OPT 942008-5 (V60119))							
75	K29646-5		.	WASHER							3
				(V15653)							
				(SPEC BACW10CA5CV)							
				(OPT 70188-5 (V56878))							
				(OPT 922007-5 (V60119))							
				(OPT 942007-5 (V60119))							
80	NAS1149E0532P		.	WASHER							1
85	NAS1149E0432P		.	WASHER							1
90	BACC30CP10S		.	COLLAR					A		3
				(USED ON ITEM 1A)							
-90A	BACC30CQ10S		.	COLLAR					A, B		3
				(USED ON ITEMS 1B, 1C, 1D)							
-90B	BACC30CQ10SR		.	COLLAR					C-L		3
				(OPT ITEM 90C)							
-90C	BACC30CP10S		.	COLLAR					C-L		3
				(OPT ITEM 90B)							
95	NAS1805-5		.	NUT					A		1
				(USED ON ITEM 1A)							
-95A	NAS1805-5L		.	NUT					A-K		1
				(USED ON ITEMS 1B, 1C, 1D, 1E)							
-95B	BACN11Z5CD		.	NUT					L		1
				(OPT ITEM 095C)							

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
9-											
-95C	NAS1805-5L		.							L	1
100	NAS1805-4		.							A	1
-100A	NAS1805-4L		.							A-K	1
-100B	BACN11Z4CD		.							L	1
-100C	NAS1805-4L		.							L	1
105	BACC30CP8S		.								1
110	HL97DU8		.								12
115	HL13VAZ8-7		.							A	1
120	HLT423AP8-11		.							A	2
125	HL97DU8		.							A	1
130	BACC30CP8S		.							A	2

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
9-											
133	BACB30NN4K5		.	BOLT						A-L	1
				(USED ON ITEMS 1B, 1C, 1D,1E,1F)							
135	BACB30NN4K7		.	BOLT						A-L	1
				(USED ON ITEMS 1B, 1C, 1D,1E,1F)							
140	BACB30LR4K11		.	BOLT						A-L	2
				(USED ON ITEMS 1B, 1C, 1D, 1E, 1F)							
143	K29646-104		.	WASHER						A-L	1
				(V15653)							
				(SPEC BACW10CA104CV)							
				(OPT 70188-104 (V56878))							
				(OPT 922007-4 (V60119))							
				(OPT 942007-4 (V60119))							
				(USED ON ITEMS 1B, 1C, 1D 1E, 1F)							
145	BACW10BP4NAPU		.	WASHER						A-L	3
				(USED ON ITEMS 1B, 1C, 1D 1E, 1F)							
148	K29913-104		.	WASHER						A-L	1
				(V15653)							
				(SPEC BACW10CA104CC)							
				(OPT 70191-104 (V56878))							
				(OPT 922008-4 (V60119))							
				(OPT 942008-4 (V60119))							
				(USED ON ITEMS 1B, 1C, 1D 1E, 1F)							
150	H52732-4CM		.	NUT						A-L	4
				(V15653)							
				(SPEC BACN10YR4CM)							
				(OPT PLH54CM (V62554))							
				(USED ON ITEMS 1B, 1C, 1D, 1E, 1F)							
151	BACF3W02F10N13		.	FILLER							1
155	173A4101-1		.	DOUBLER							1
160	BACS40V015C085		.	SHIM					A		1
				(USED ON ITEM 1A)							
-160A	BACS40V013C085		.	SHIM					A-L		1
				(USED ON ITEMS 1B, 1C, 1D, 1E, 1F)							
165	BACS40V020C030		.	SHIM							1
170	173A4005-5		.	SHIM							1
175	BACS40V013C038		.	SHIM							1
180	BACB30VK6-350D		.	BOLT							4
185	BACB30VK6-250D		.	BOLT							19
190	BACB30VK6-300D		.	BOLT							7

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
9-											
195	BACB30VK6-400D		.	B	O	L	T				1
200	BACB30VK6-500D		.	B	O	L	T				1
205	BACB30VK8-350D		.	B	O	L	T				4
210	BACB30VK8-500D		.	B	O	L	T				1
215	BACB30XS6-400D		.	B	O	L	T				2
220	HL11VAZ8-6		.	B	O	L	T				1
				(V60516)							
				(SPEC BACB30NW8K6)							
				(OPT B30NW8K6 (V97928))							
				(OPT HL11VAZ8-6 (V73197))							
				(OPT HL11VAZ8-6 (V92215))							
				(OPT HL11VAZ8-6 (V97928))							
				(OPT L803-8K6 (V06725))							
				(OPT HL11VAZ8-6 (V0PTK6))							
				(OPT HL11VAZ8-6 (V56878))							
225	HL175DU8AWU		.	C	O	L	L	A	R	A-J	1
				(V73197)							
-225A	HL175DU8AWU		.	C	O	L	L	K	L		1
				(V73197)							
				(OPT ITEM 226)							
-226	183W1001-8		.	K	I	T	A	S	S	K, L	1
				(OPT ITEM 225A)							
-227	K29913-104NF		.	.	W	A	S	H	E	K, L	1
				(V15653)							
				(SPEC BACW10CA104CCU)							
				(OPT 70191-104U (V56878))							
				(OPT 922010-4 (V60119))							
				(OPT 942010-4 (V60119))							
-228	K29646-104NF		.	.	W	A	S	H	E	K, L	1
				(V15653)							
				(SPEC BACW10CA104CVU)							
				(OPT 70188-104U (V56878))							
				(OPT 922009-4 (V60119))							
				(OPT 942009-4 (V60119))							
-229	BACC30ABS		.	.	C	O	L	L	A	K, L	1
230	173A4110-1		.	S	T	R	A	P			1
235	173A4110-3		.	S	T	R	A	P			1
240	BACF3W01E10N9		.	F	I	L	L	E	R		2
245	BACF3W02E10N9		.	F	I	L	L	E	R		2

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY	
			1	2	3	4	5	6	7			
9-												
250	BACF3W02J11N9		.	F	I	L	L				1	
255	BACF3W01J11N9		.	F	I	L	L				1	
260	BACS40V016C034		.	S	H	I	M				1	
265	BACS40V010C037		.	S	H	I	M		A		1	
								(USED ON ITEM 1A)				
-265A	BACS40V012C037		.	S	H	I	M				1	
								(USED ON ITEMS 1B, 1C, 1D, 1E, 1F)				
270	BACB30VG6K6		.	B	O	L	T		A		4	
								(USED ON ITEM 1A)				
275	HL97DU6		.	C	O	L	L	A	A		4	
								(V73197) (SPEC BACC30AB6S) (OPT HL97DU6 (V56878)) (OPT HL97DU6 (V5M902)) (USED ON ITEM 1A)				
280	BACB30LK3-6		.	B	O	L	T				4	
								(USED ON ITEMS 1B, 1C, 1D, 1E, 1F)				
285	BACW10BP3APU		.	W	A	S	H	E			4	
								(USED ON ITEMS 1B, 1C, 1D, 1E, 1F)				
290	BRH10C3M		.	N	U	T					4	
								(V52828) (SPEC BACN10JC3CM) (OPT T6C1032JM (V11815)) (OPT 97E02 (V80539)) (OPT 109LH9075-3W (V72962)) (OPT VN303D02 (V92215)) (OPT NS202101SE02 (V80539)) (OPT H01-3BAC (V15653)) (USED ON ITEMS 1B, 1C, 1D, 1E, 1F)				
295	173A4202-1		.	B	R	A	C	K	E	T	A	1
300	BACB30LJ4U7		.	.	B	O	L	T			1	
305	BACW10BP4ACU		.	.	W	A	S	H	E	R	3	
310	BRH10C4M		.	.	N	U	T				1	
								(V52828) (SPEC BACN10JC4CM) (OPT T6C428JM (V11815)) (OPT 97E48 (V80539)) (OPT 109LH9075-4W (V72962)) (OPT VN303D048 (V92215)) (OPT 9NS202101SE048 (VA8053)) (OPT H01-4BAC (V15653))				

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
9-											
315	740E20-32		. .	JUMPER ASSY							1
				(V91812)							
				(SPEC BACJ40E20-32)							
				(OPT RBEJ40E20-32 (V1GK47))							
320	BACB30LT3K4		. .	BOLT							2
325	BACW10BP3ACU		. .	WASHER							4
330	BRH10C3M		. .	NUT							2
				(V52828)							
				(SPEC BACN10JC3CM)							
				(OPT T6C1032JM (V11815))							
				(OPT 97E02 (V80539))							
				(OPT 109LH9075-3W (V72962))							
				(OPT VN303D02 (V92215))							
				(OPT NS202101SE02 (V80539))							
				(OPT H01-3BAC (V15653))							
335	173A4203-1		. .	BRACKET							1
340	173A4203-2		. .	BRACKET							1
345	BACS40V007D048		.	SHIM							2
350	173A4001-1		.	PANEL ASSY					A, B		1
350A	173A4001-3		.	PANEL ASSY					C-L		1
355	BACS12ER08K5		. .	SCREW							2
360	NAS1836C08-10M		. .	INSERT							2
365	173A4201-1		. .	DISCHARGER ASSY							1
370	BACR15CE5AD		. . .	RIVET							4
				(SIZE DETERMINED ON INST)							
375	16335		. . .	BASE-DISCHARGER							1
				(V55635)							
380	173A4201-2		. . .	ADAPTER							1
385	173A4200-1		. .	FRAME-CONDUCTIVE							1
390	173A4100-1		. .	PANEL-SKIN					A, B		1
390A	173A4100-13		. .	PANEL-SKIN					C-L		1

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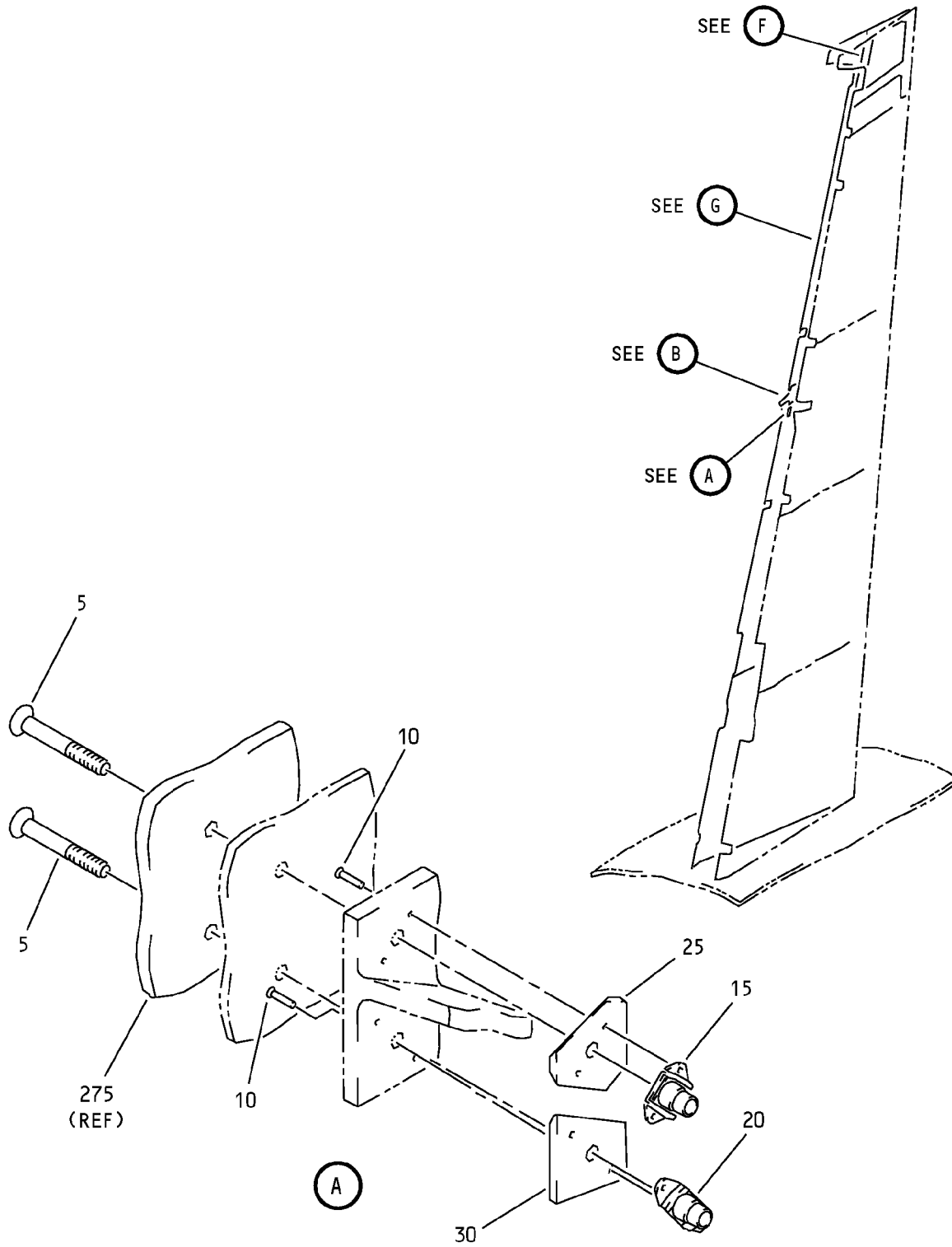
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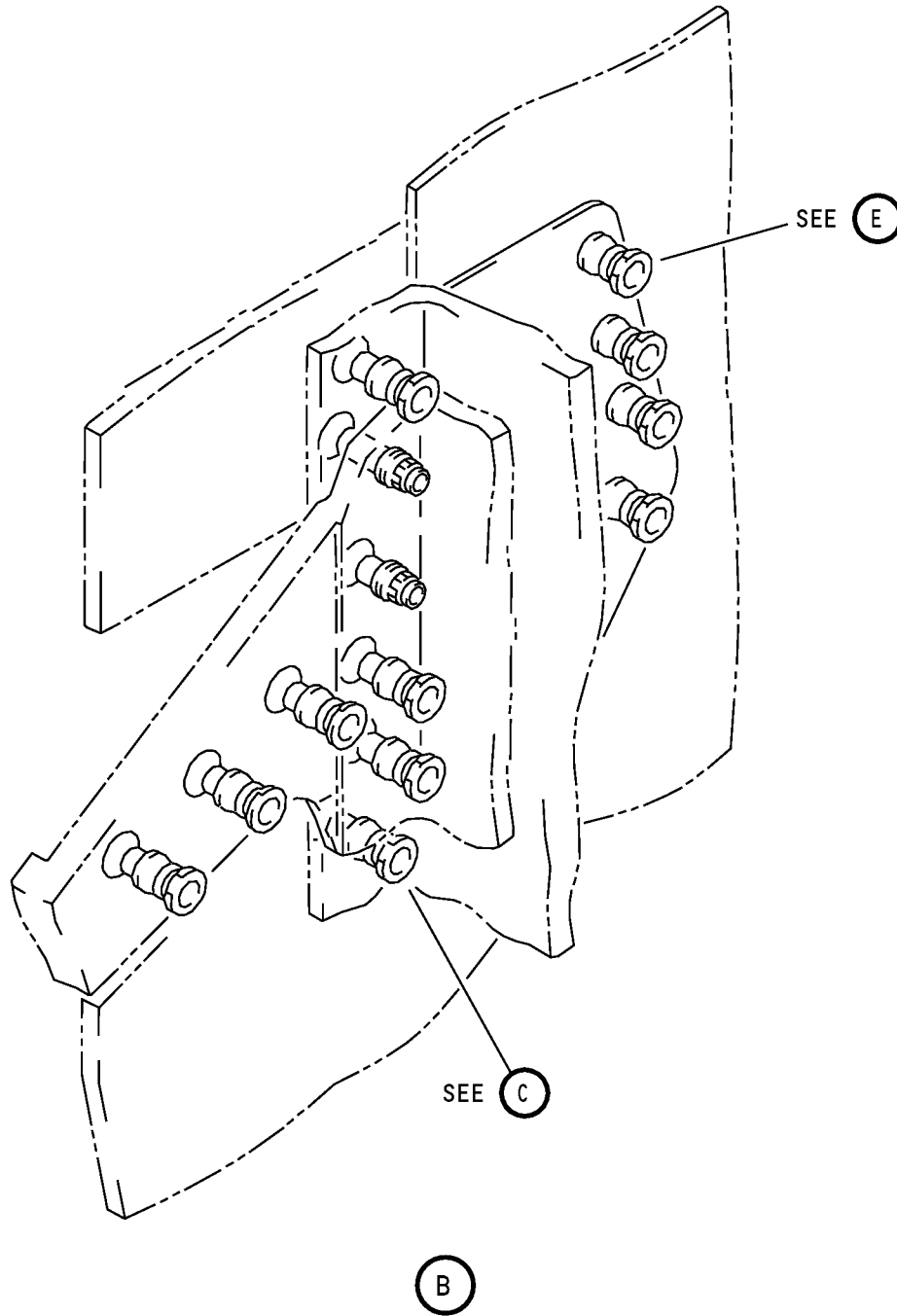
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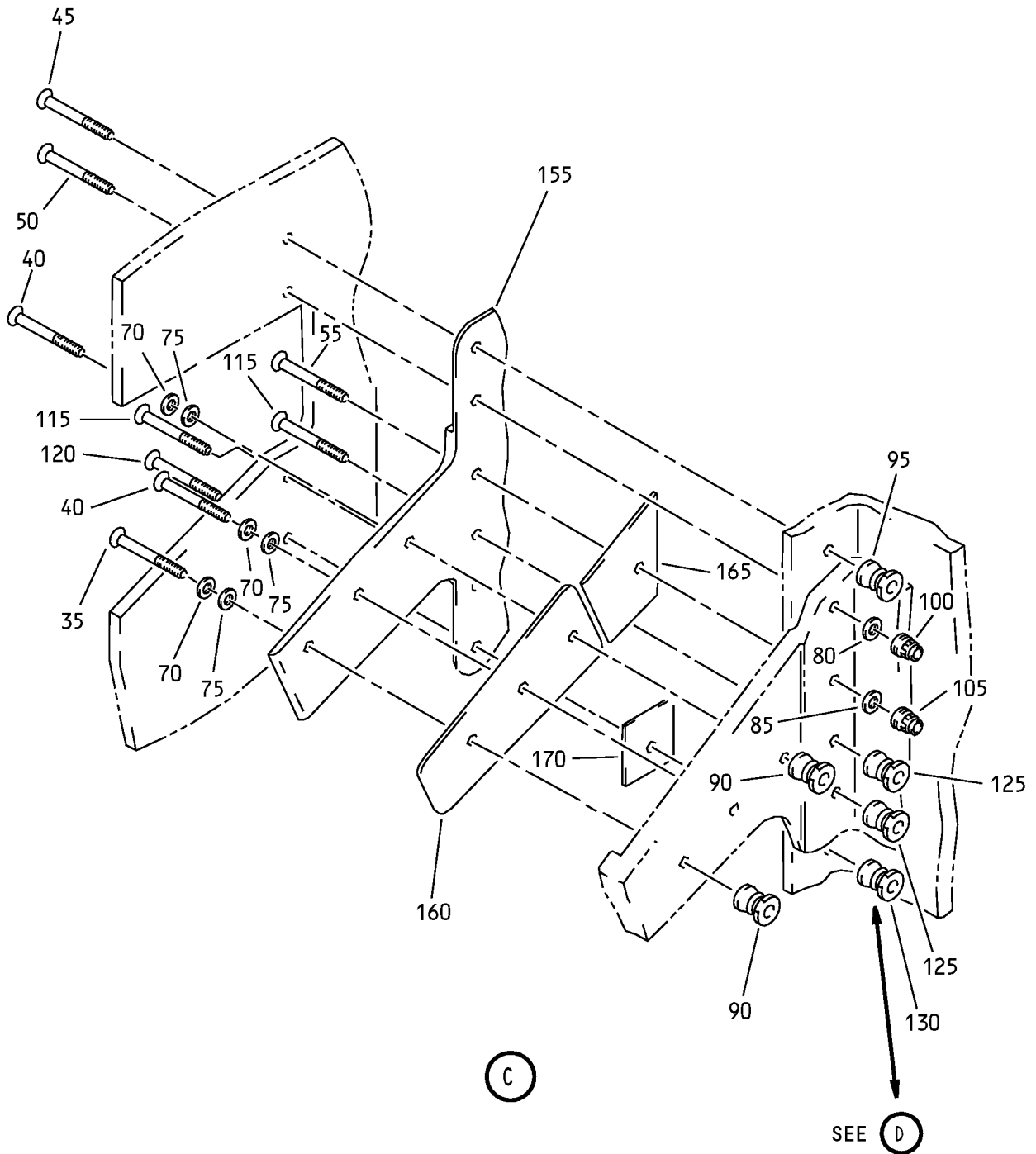
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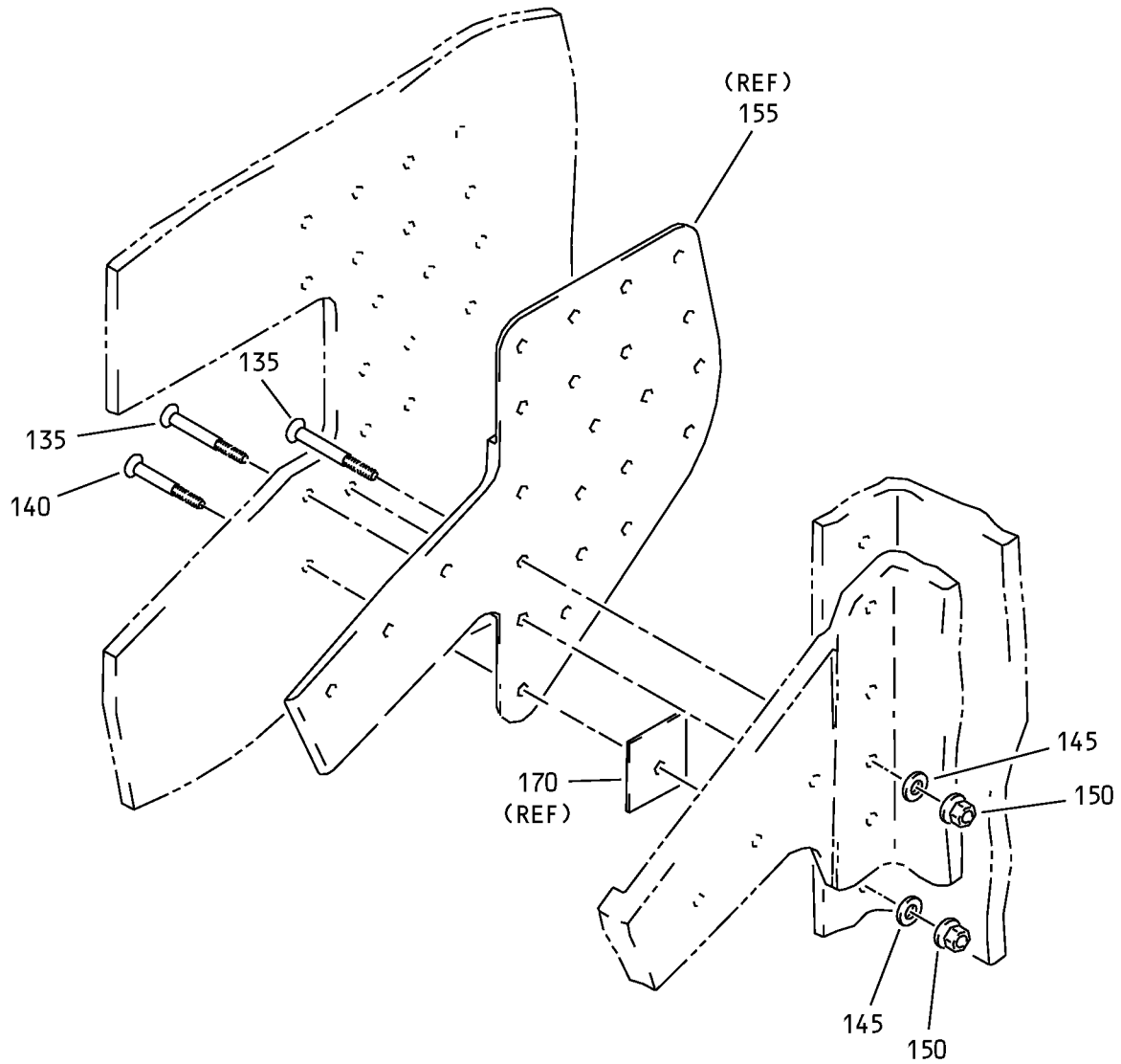
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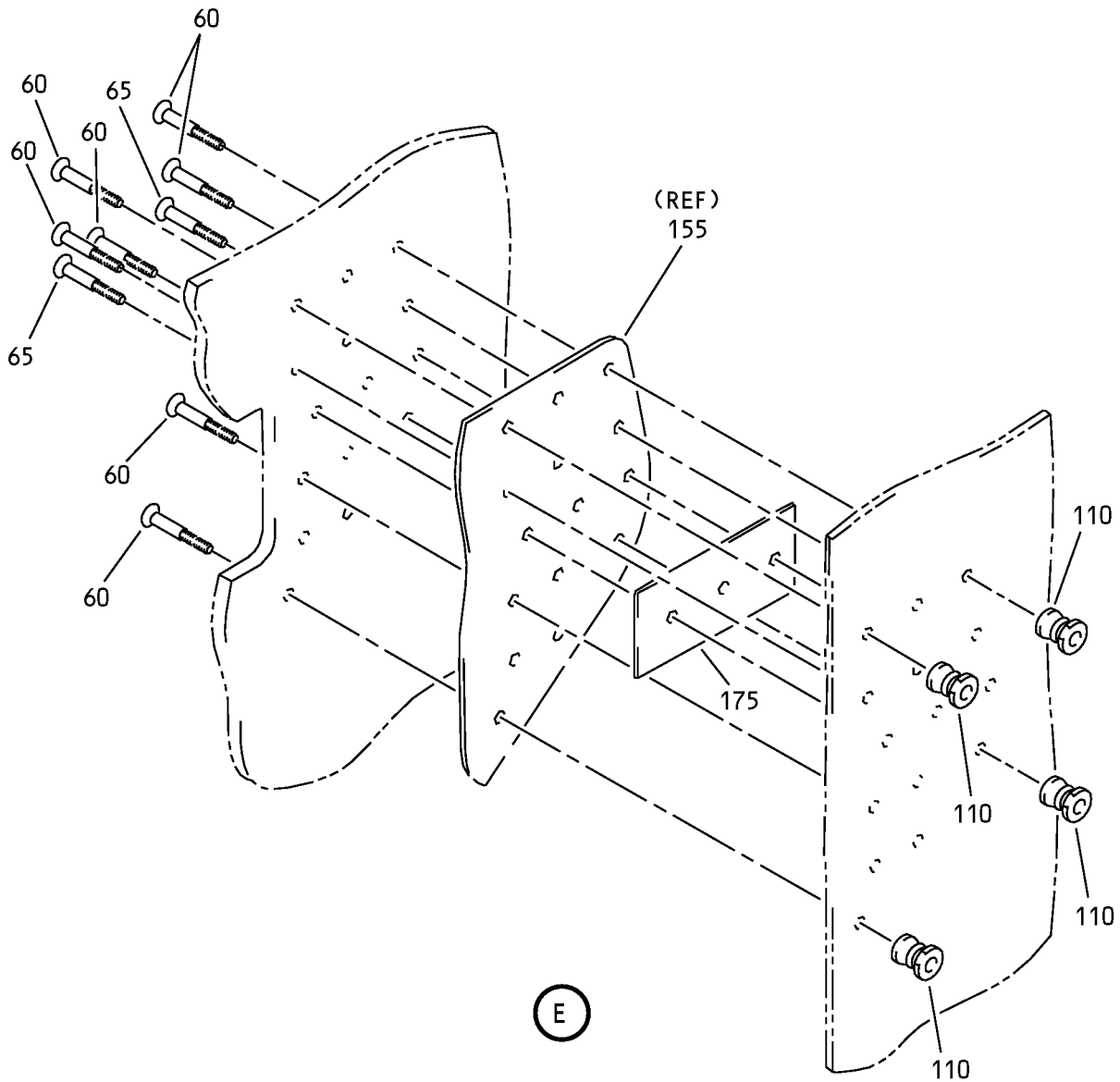
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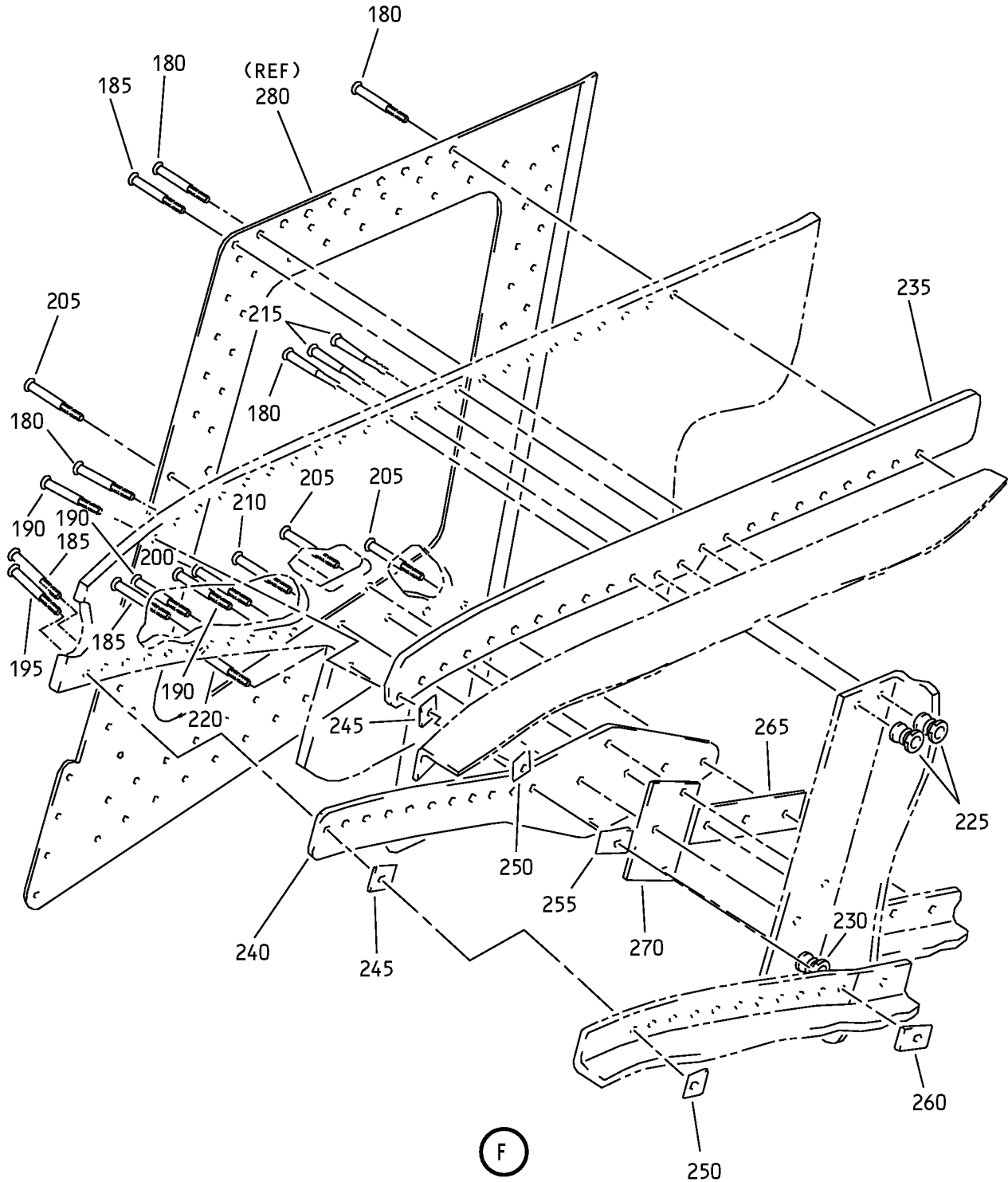
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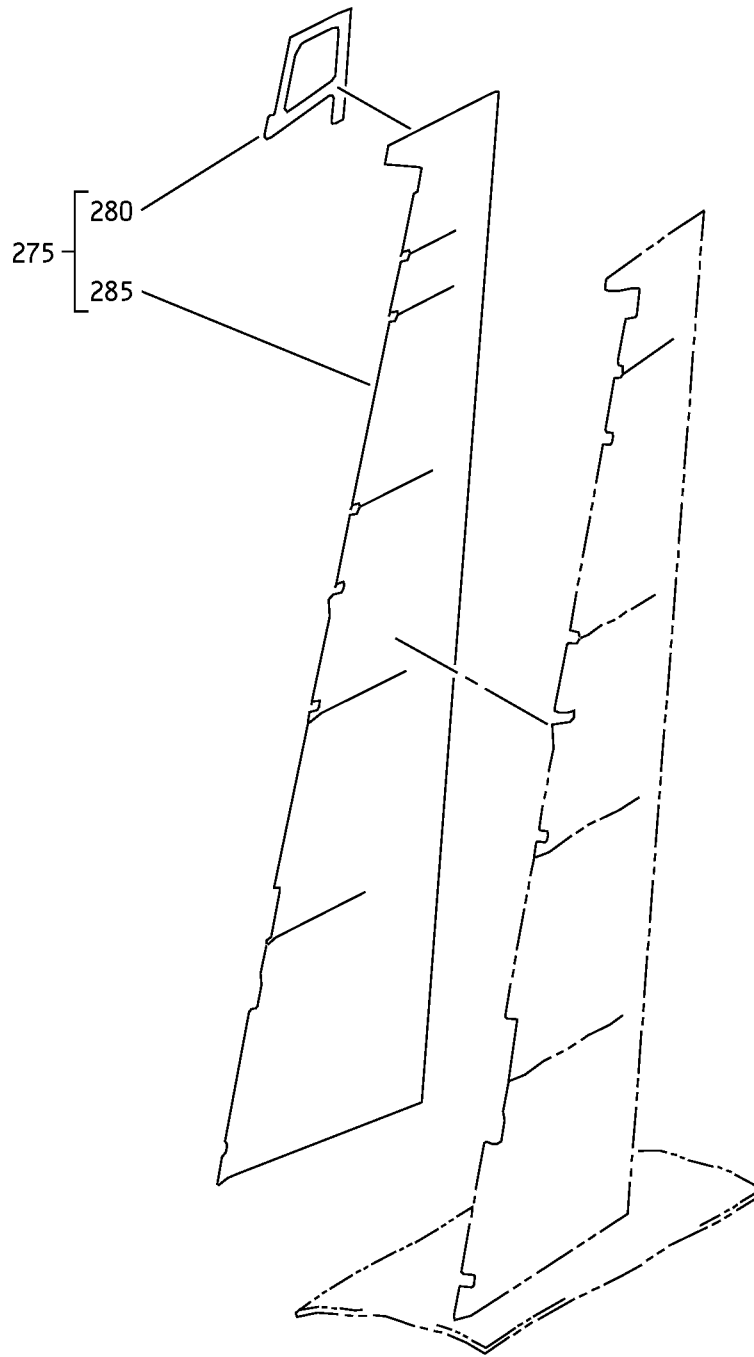
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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
10-											
-1A	173A4000-2									A	RF
-1B	173A4000-6									A	RF
-1C	173A4000-8									A	RF
-1D	173A4000-8									B	RF
-1E	173A4000-10									C-K	RF
-1F	173A4000-16									L	RF
5	BACB30NN4K11										2
10	BACR15BA3AD										4
15	NS202495-048										1
20	NS202493-048-1									A-K	1
-20A	BACN10KE4B1CD									L	1
-20B	BRFR220C4-10									L	1
25	173A4005-7										1
30	173A4005-10										1
35	HLT423AP10-12									A	1

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY	
			1	2	3	4	5	6	7			
10- -35A	HLT420AP10-17		.	BOLT							C-L	1
				(V97928)								
				(SPEC BACB30YL10K17)								
				(OPT HLT420AP10-17 (V06725))								
				(OPT HLT420AP10-17 (V60516))								
-35B	HLT420AP10-14		.	BOLT							A, B	1
				(V06725)								
				(SPEC BACB30YL10K14)								
				(OPT HLT420AP10-14 (V97928))								
				(OPT HLT420AP10-14 (V60516))								
				(USED ON ITEMS 1B, 1C, 1D)								
40	HLT423AP10-13		.	BOLT							A	2
				(V97928)								
				(SPEC BACB30YM10K13)								
				(OPT HLT423AP10-13 (V06725))								
				(OPT HLT423AP10-13 (V60516))								
				(USED ON ITEM 1A)								
-40A	HLT420AP10-18		.	BOLT							C-L	2
				(V97928)								
				(SPEC BACB30YL10K18)								
				(OPT HLT420AP10-18 (V06725))								
				(OPT HLT420AP10-18 (V60516))								
-40B	HLT420AP10-15		.	BOLT							A, B	2
				(V06725)								
				(SPEC BACB30YL10K15)								
				(OPT HLT420AP10-15 (V97928))								
				(OPT HLT420AP10-15 (V60516))								
				(USED ON ITEMS 1B, 1C, 1D)								
45	HLT423AP8-11		.	BOLT								1
				(V97928)								
				(SPEC BACB30YM8K11)								
				(OPT HLT423AP8-11 (V06725))								
				(OPT HLT423AP8-11 (V60516))								
50	BACB30LR4K11		.	BOLT								1
55	BACB30LR5K12		.	BOLT								1

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
10- 60	HL13VAZ8-5		.	BOLT							12
				(V56878)							
				(SPEC BACB30NY8K5)							
				(OPT HL13VAZ8-5 (V73197))							
				(OPT HL13VAZ8-5 (V92215))							
				(OPT HL13VAZ8-5 (V97928))							
				(OPT L801-8K5 (V06725))							
				(OPT HL13VAZ8-5 (V08524))							
				(OPT HL13V5 (V06725))							
				(OPT HL13VAZ8-5 (V17446))							
				(OPT HL1013AZ8-5 (V60516))							
65	HL1013AZ8-6		.	BOLT							3
				(V60156)							
				(SPEC BACB30NY8K6)							
				(OPT HL13VAZ8-6 (V73197))							
				(OPT HL13VAZ8-6 (V92215))							
				(OPT HL13VAZ8-6 (V97928))							
				(OPT L801-8K6 (V06725))							
				(OPT HL13VAZ8-6 (V08524))							
				(OPT HL13V6 (V06725))							
				(OPT HL13VAZ8-6 (V17446))							
				(OPT HL13VAZ8-6 (V56878))							
70	K29913-5		.	WASHER							3
				(V15653)							
				(SPEC BACW10CA5CC)							
				(OPT 70191-5 (V56878))							
				(OPT 922008-5 (V60119))							
				(OPT 942008-5 (V60119))							
75	K29646-5		.	WASHER							3
				(V15653)							
				(SPEC BACW10CA5CV)							
				(OPT 70188-5 (V56878))							
				(OPT 922007-5 (V60119))							
				(OPT 942007-5 (V60119))							
80	NAS1149E0432P		.	WASHER							1
85	NAS1149E0532P		.	WASHER							1
90	BACC30CP10S		.	COLLAR					A		3
				(USED ON ITEM 1A)							
-90A	BACC30CQ10S		.	COLLAR					A, B		3
				(USED ON ITEMS 1B, 1C, 1D)							
-90B	BACC30CQ10SR		.	COLLAR					C-L		3
				(OPT ITEM 90C)							

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
10-											
-90C	BACC30CP10S		.							C-L	3
95	BACC30CP8S		.								1
100	NAS1805-4		.							A	1
-100A	NAS1805-4L		.							A-K	1
-100B	BACN11Z4CD		.							L	1
-100C	NAS1805-4L		.							L	1
105	NAS1805-5		.							A	1
-105A	NAS1805-5L		.							A-K	1
-105B	BACN11Z5CD		.							L	1
-105C	NAS1805-5L		.							L	1
110	HL97DU8		.								15
115	HLT423AP8-11		.							A	2

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
10- 120	HL13VAZ8-7		.	BOLT						A	1
				(V56878)							
				(SPEC BACB30NY8K7)							
				(OPT HL13VAZ8-7 (V73197))							
				(OPT HL13VAZ8-7 (V92215))							
				(OPT HL13VAZ8-7 (V97928))							
				(OPT L801-8K7 (V06725))							
				(OPT HL13VAZ8-7 (V08524))							
				(OPT HL13V7 (V06725))							
				(OPT HL13VAZ8-7 (V17446))							
				(OPT HL1013AZ8-7 (V60516))							
				(USED ON ITEM 1A)							
125	BACC30CP8S		.	COLLAR						A	2
				(USED ON ITEM 1A)							
130	HL97DU8		.	COLLAR						A	1
				(V73197)							
				(SPEC BACC30AB8S)							
				(OPT HL97DU8 (V56878))							
				(OPT HL97DU8 (V5M902))							
				(USED ON ITEM 1A)							
135	BACB30LR4K11		.	BOLT							2
				(USED ON ITEMS 1B, 1C, 1D, 1E)							
140	BACB30NN4K7		.	BOLT							1
				(USED ON ITEMS 1B, 1C, 1D, 1E)							
145	BACW10BP4NAPU		.	WASHER							3
				(USED ON ITEMS 1B, 1C, 1D, 1E)							
150	H52732-4CM		.	NUT							3
				(V15653)							
				(SPEC BACN10YR4CM)							
				(OPT PLH54CM (V62554))							
				(USED ON ITEMS 1B, 1C, 1D, 1E)							
155	173A4101-2		.	DOUBLER							1
160	BACS40V020C030		.	SHIM							1
165	173A4005-5		.	SHIM							1
170	BACS40V015C085		.	SHIM					A		1
				(USED ON ITEM 1A)							
-170A	BACS40V013C085		.	SHIM							1
				(USED ON ITEMS 1B, 1C, 1D, 1E)							
175	BACS40V013C038		.	SHIM							1
180	BACB30VK6-250D		.	BOLT							19

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY	
			1	2	3	4	5	6	7			
10- -232	K29913-104NF		.	.	WASHER (V15653) (SPEC BACW10CA104CCU) (OPT 70191-104U (V56878)) (OPT 922010-4 (V60119)) (OPT 942010-4 (V60119))						K, L	1
-233	K29646-104NF		.	.	WASHER (V15653) (SPEC BACW10CA104CVU) (OPT 70188-104U (V56878)) (OPT 922009-4 (V60119)) (OPT 942009-4 (V60119))						K, L	1
-234	BACC30ABS		.	.	COLLAR						K, L	1
235	173A4110-2		.	.	STRAP							1
240	173A4110-4		.	.	STRAP							1
245	BACF3W01E10N9		.	.	FILLER							2
250	BACF3W02E10N9		.	.	FILLER							2
255	BACF3W01J11N9		.	.	FILLER							1
260	BACF3W02J11N9		.	.	FILLER							1
265	BACS40V010C037		.	.	SHIM (USED ON ITEM 1A)						A	1
-265A	BACS40V012C037		.	.	SHIM (USED ON ITEMS 1B, 1C, 1D, 1E)							1
270	BACS40V016C034		.	.	SHIM							1
275	173A4001-2		.	.	PANEL ASSY						A, B	1
-275A	173A4001-4		.	.	PANEL ASSY						C-L	1
280	173A4200-2		.	.	FRAME-CONDUCTIVE							1
285	173A4100-2		.	.	PANEL-SKIN							1

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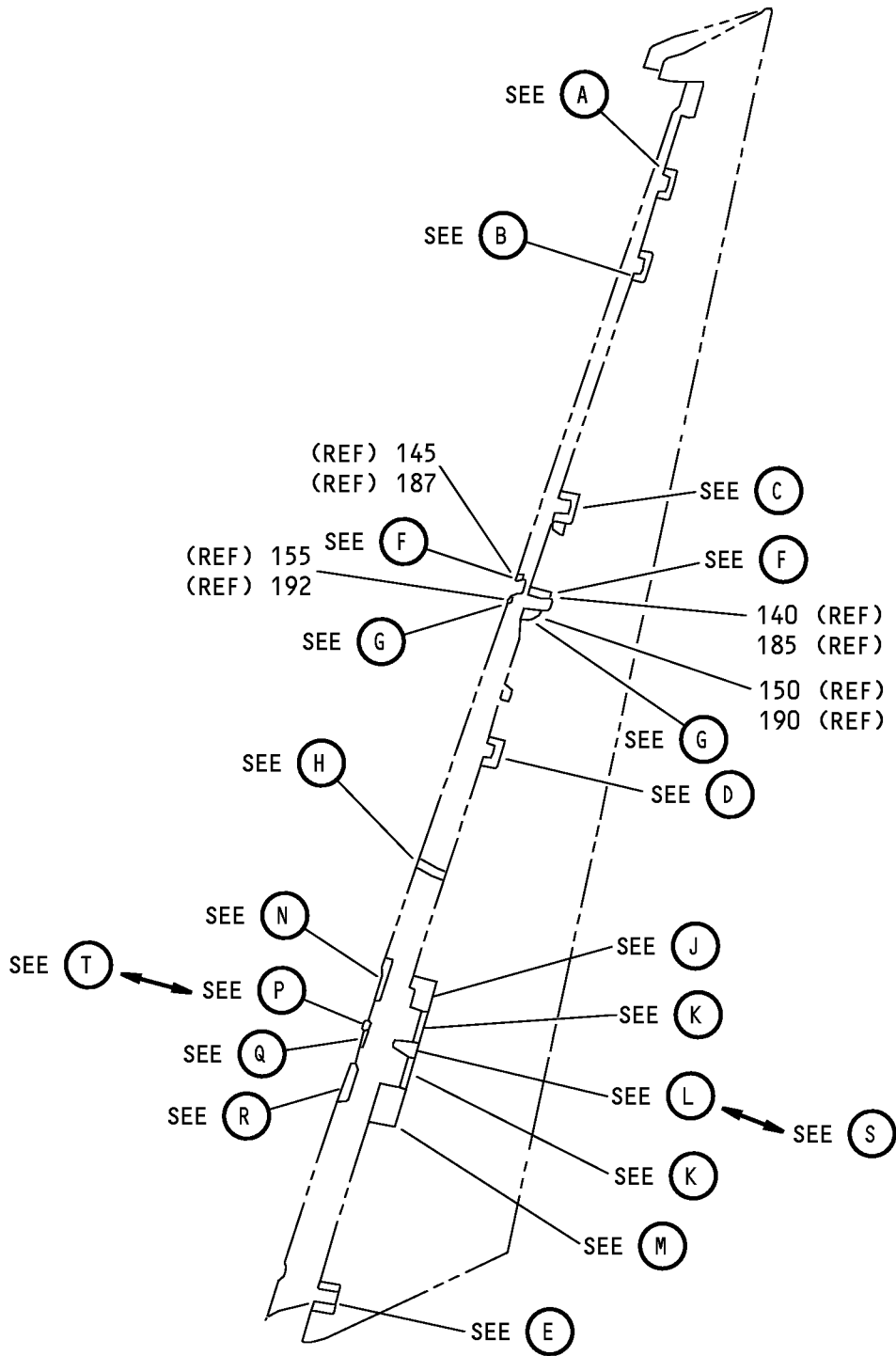
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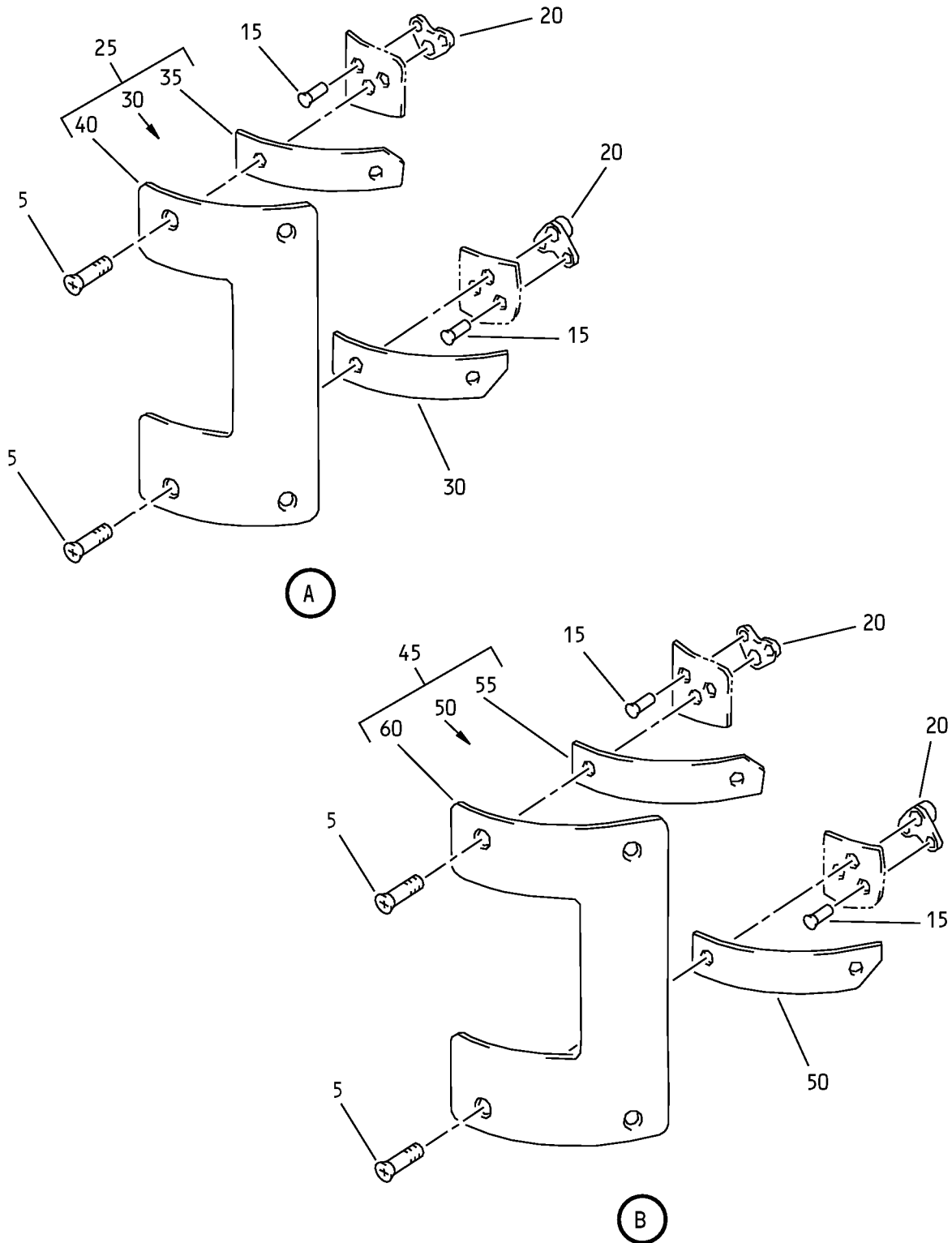


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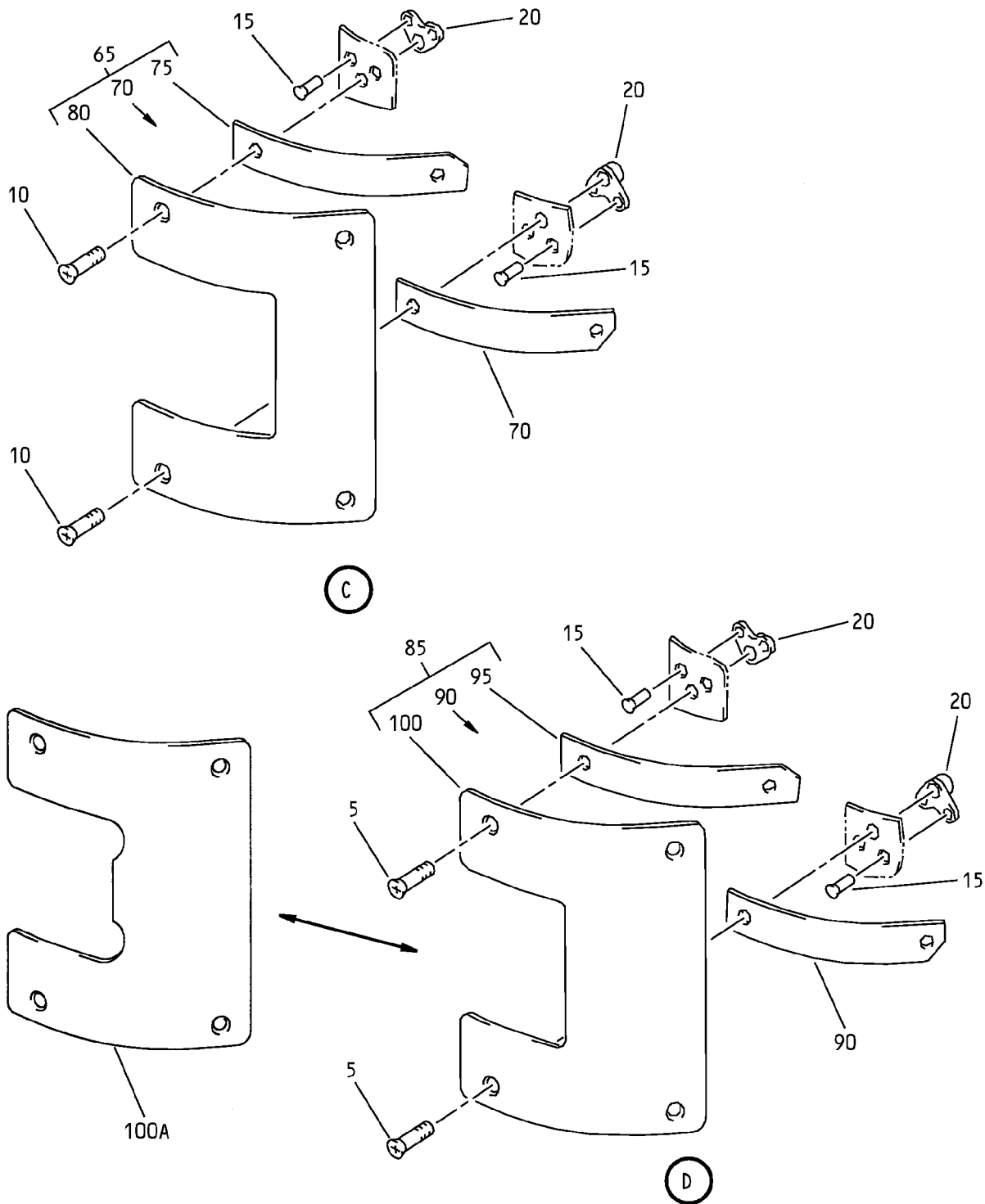
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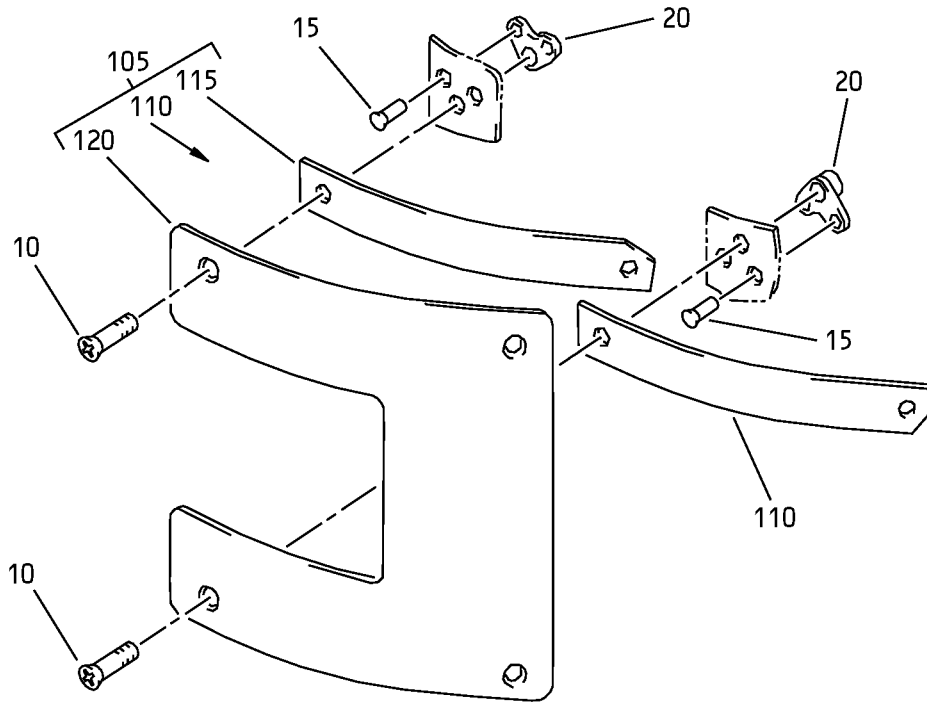
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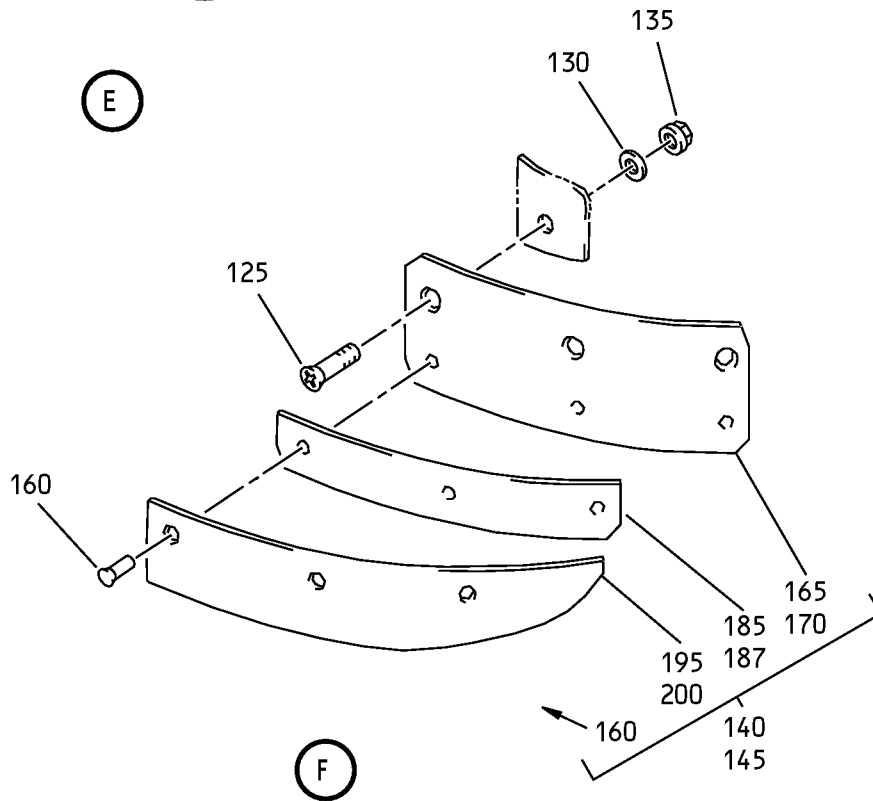


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Rudder Assembly
IPL Figure 11 (Sheet 4 of 10)

I

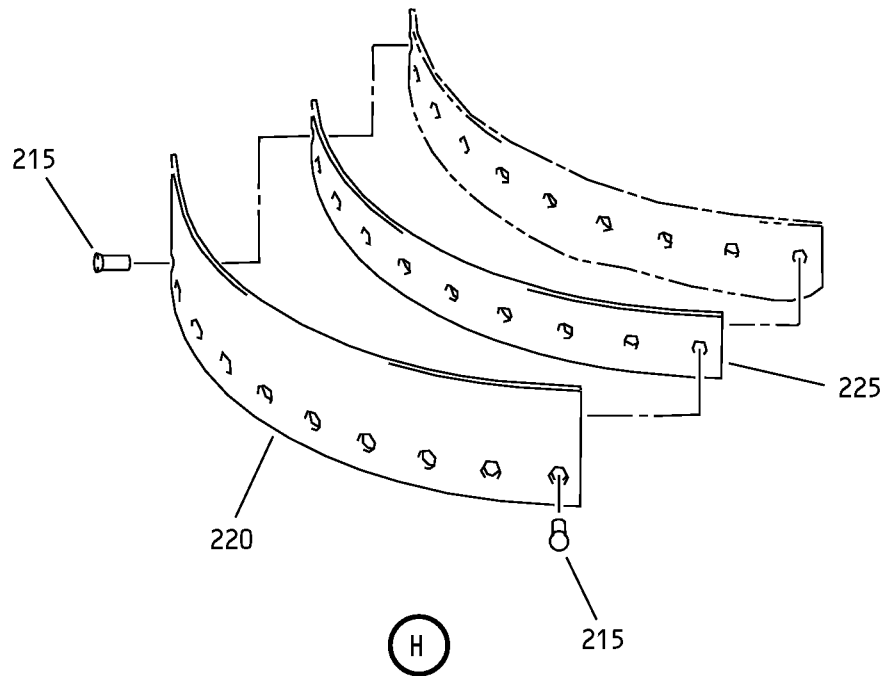
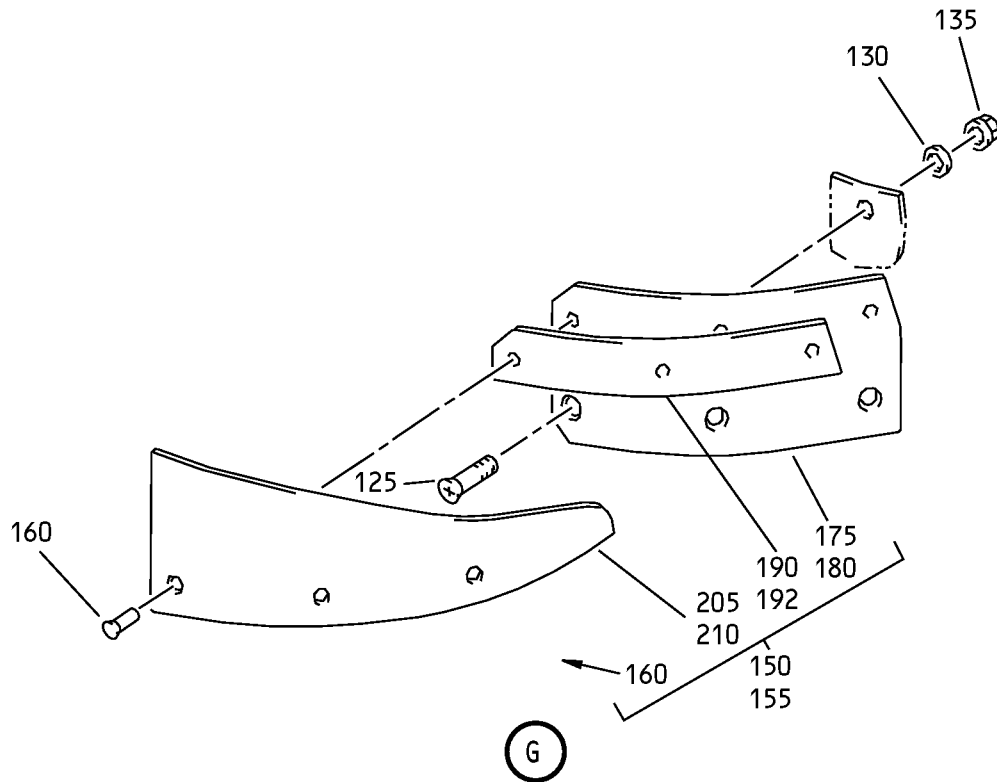
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Rudder Assembly
IPL Figure 11 (Sheet 5 of 10)

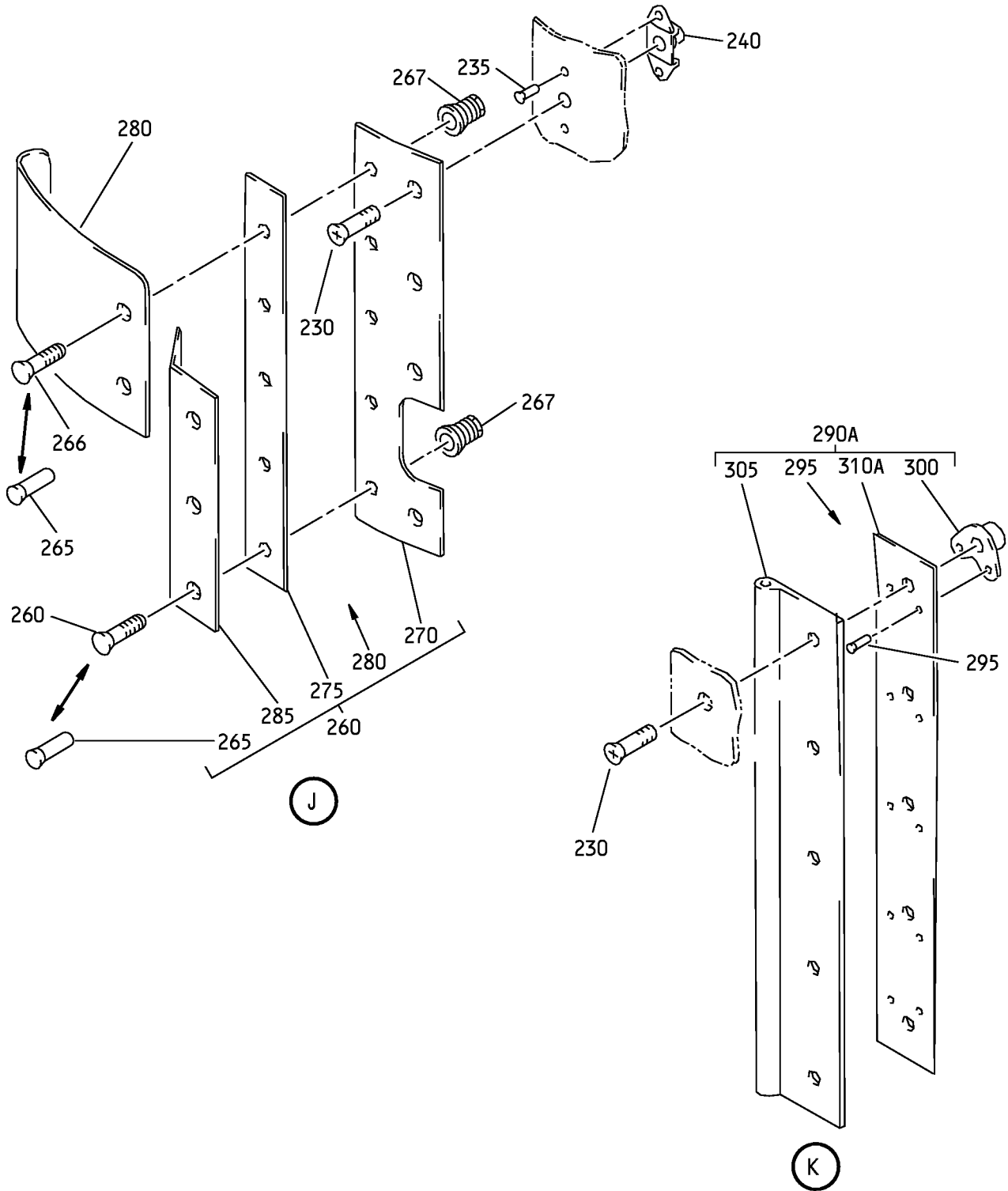
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G97576 S00041003557_V2

Rudder Assembly
IPL Figure 11 (Sheet 6 of 10)

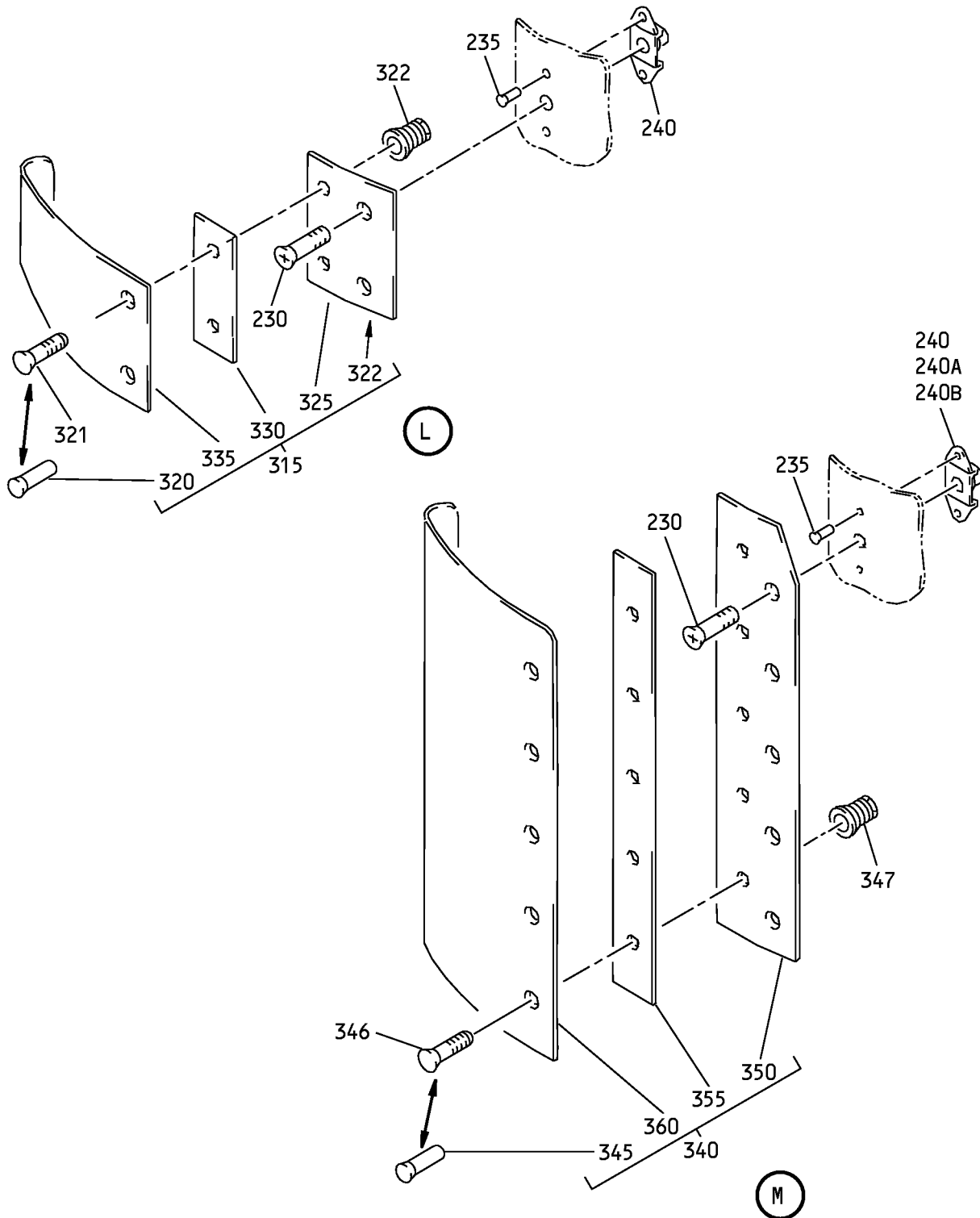
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G97583 S00041003558_V3

Rudder Assembly
IPL Figure 11 (Sheet 7 of 10)

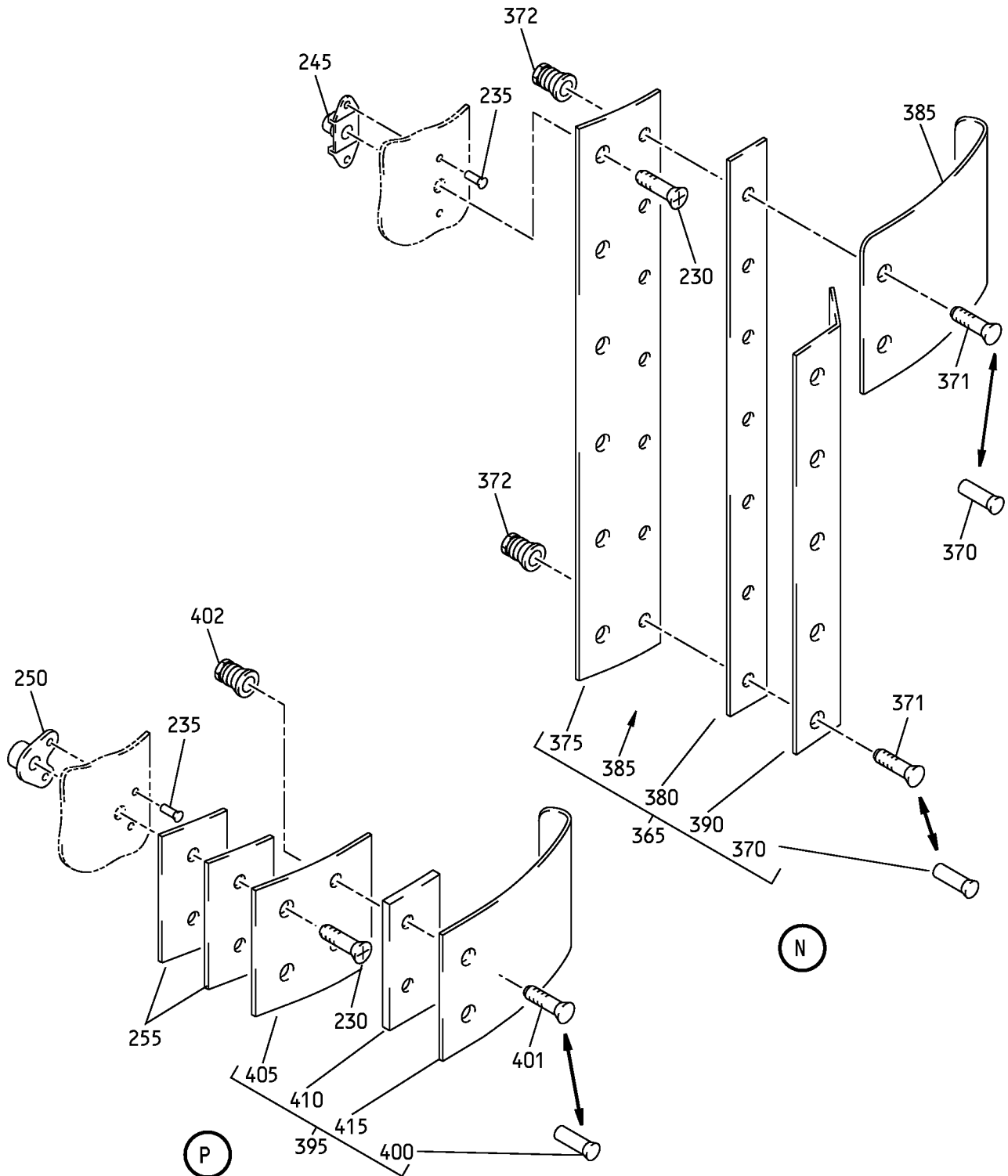
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G97597 S00041003559_V3

Rudder Assembly
IPL Figure 11 (Sheet 8 of 10)

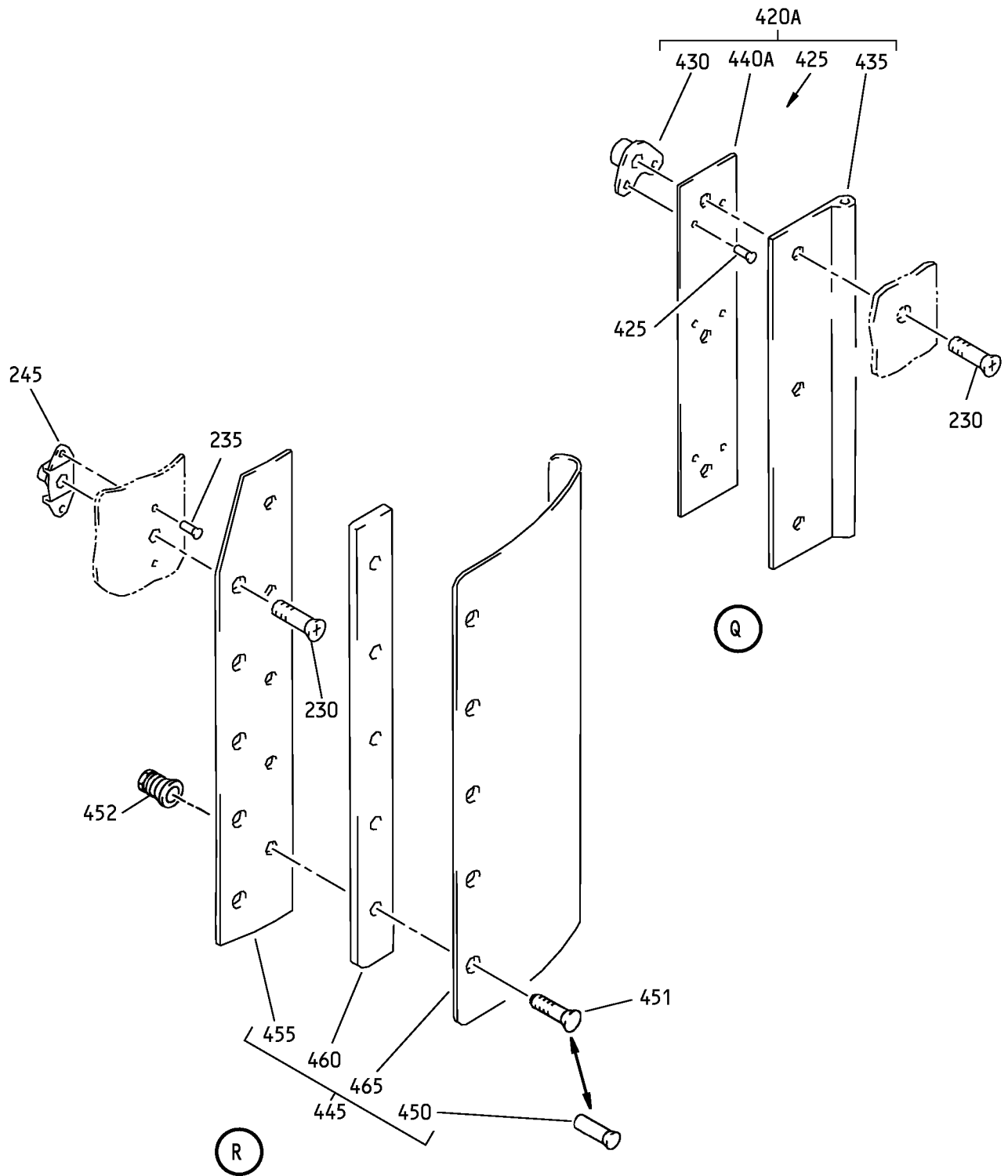
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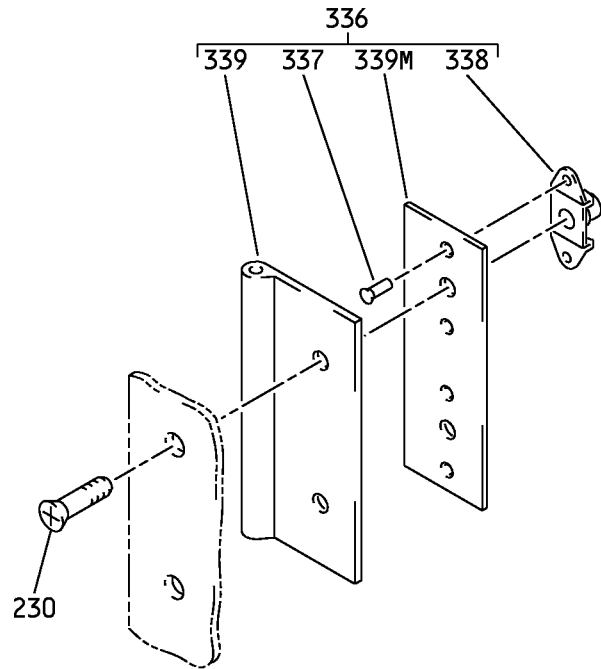


G97641 S00041003560_V2

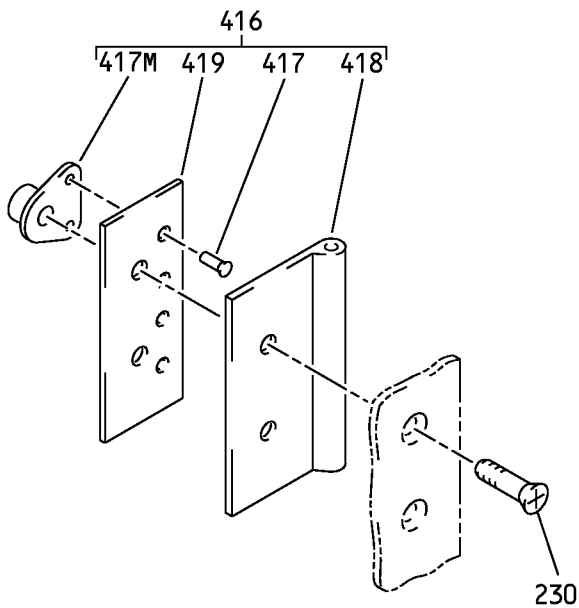
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1754789 S0000314043_V1

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
11-											
-1A	173A4000-3									A	RF
-1B	173A4000-3									B	RF
-1C	173A4000-11									C, D	RF
-1D	173A4000-12									E-H	RF
-1E	173A4000-13									J-L	RF
5	BACB30VF3K3										12
10	BACB30VF3K4										8
15	BACR15CE3AD										40
-15A	AF5141-3C										40
20	NS202495-02										20
25	173A4300-9									A, B	1
-25A	173A4300-31									C-L	1
30	173A4310-43										1
35	173A4310-45										1
40	173A4310-9									A, B	1
-40A	173A4310-74									C-L	1
45	173A4300-7									A, B	1
-45A	173A4300-30									C-L	1
50	173A4310-39										1
55	173A4310-41										1
60	173A4310-7									A, B	1
-60A	173A4310-73									C-L	1
65	173A4300-5									A, B	1
-65A	173A4300-29									C-L	1

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY		
			1	2	3	4	5	6	7				
11- 165	173A4311-7		. .									1	
170	173A4311-8		. .									1	
175	173A4311-5		. .							A, B		1	
-175A	173A4311-13		. .							C-L		1	
180	173A4311-6		. .							A, B		1	
-180A	173A4311-14		. .							C-L		1	
185	173A4311-10		. .							A, B		1	
-185A	173A4311-17		. .							C-L		1	
187	173A4311-10		. .							A, B		1	
-187A	173A4311-18		. .							C-L		1	
190	173A4311-9		. .							A, B		1	
-190A	173A4311-15		. .							C-L		1	
192	173A4311-9		. .							A, B		1	
-192A	173A4311-16		. .							C-L		1	
195	173A4311-3		. .									1	
200	173A4311-4		. .									1	
205	173A4311-1		. .							A, B		1	
-205A	173A4311-11		. .							C-L		1	
210	173A4311-2		. .							A, B		1	

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
11-											
-210A	173A4311-12		.	.						C-L	1
215	BACR15BA5D		.								10
220	173A4310-57		.								1
225	BACS40V008D090		.								1
230	BACB30VF3K6		.								37
235	BACR15CE3AD		.							A-H	48
-235A	AF5141-3C		.							A-H	48
-235B	BACR15CE3AD		.							A-H	44
-235C	AF5141-3C		.							A-H	44
-235D	BACR15CE3AD		.							J	44
-235E	AF5141-3C		.							J	44
240	NS202493-02-3		.								11

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
11- 240A	BRFR220C3-3D		.	NUTPLATE (V52828) (SPEC BACN10KE3B3CD) (OPT F51747-3-3CD (V15653)) (OPT 102A9213-3-3 (V72962)) (OPT NS202493-02-3 (V80539)) (POST SB 737-27-1253)						A-H	9
240B	BRFR220C3-3D		.	NUTPLATE (V52828) (SPEC BACN10KE3B3CD) (OPT F51747-3-3CD (V15653)) (OPT 102A9213-3-3 (V72962)) (OPT NS202493-02-3 (V80539))						J	9
245	NS202493-02-2		.	NUTPLATE (V80539) (SPEC BACN10KE3B2CD) (OPT F51747-3-2CD (V15653)) (OPT 102A9213-2-3 (V72962)) (OPT BRFR220C3-2D (V52828))							11
250	BACN10JP3CCD		.	NUTPLATE						A-H	2
255	NAS1195C3FH		.	SHIM						A-H	2
260	173A4300-17		.	PANEL ASSY-COVER						A, B	1
-260A	173A4300-38		.	PANEL ASSY-COVER						C, D	1
-260B	173A4300-46		.	PANEL ASSY-COVER						E-L	1
265	BACR15BA4AD		..	RIVET (SIZE DETERMINED ON INST)						A, B	5
-265A	BACR15BA5AD7C		..	RIVET (OPT ITEM 265B)						C, D	5
-265B	MS20426AD5-7		..	RIVET (OPT ITEM 265A)						C, D	5
266	HL11VAZ6-4		..	BOLT (V60516) (SPEC BACB30NW6K4) (OPT B30NW6K4 (V97928)) (OPT HL11VAZ6-4 (V73197)) (OPT HL11VAZ6-4 (V92215)) (OPT HL11VAZ6-4 (V97928)) (OPT L803-6K4 (V06725)) (OPT HL11VAZ6-4 (V0PTK6)) (OPT HL11VAZ6-4 (V56878))						E-L	5

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY	
			1	2	3	4	5	6	7			
11- I 267	HL79-6		.	.	COLLAR (V5M902) (SPEC BACC30M6) (OPT HL79-6 (V73197)) (OPT HL79-6 (V92215)) (OPT 66014-6 (V56878)) (OPT HL79-6 (V56878))						E-L	5
270	173A4310-25		.	.	PLATE-SPLICE						A, B	1
I -270A	173A4310-62		.	.	PLATE-SPLICE						C-L	1
275	173A4310-55		.	.	FILLER						A, B	1
I -275A	173A4310-68		.	.	FILLER						C-L	1
280	173A4310-19		.	.	PANEL							1
285	173A4310-17		.	.	PANEL							1
-290	173A4300-21				DELETED							
I 290A	173A4300-25		.		PANEL ASSY-COVER						A-J	2
-292	173A4300-48				DELETED							
295	BACR15BA3AD		.	.	RIVET (SIZE DETERMINED ON INST)						A-J	10
-297	BACR15BA3ADC				DELETED							
300	NS202495-02		.	.	NUTPLATE (V80539) (SPEC BACN10KE3DCD) (OPT F51753-3DC (V15656))						A-J	5
-302	NS202493-02-2				DELETED							
I 305	BAC1530-119		.	.	SEAL						A-J	AR
-307	173A4320-3				DELETED							
-310	173A4300-22				DELETED							
I 310A	173A4300-26		.	.	RETAINER						A-J	1
-312	173A4300-49				DELETED							
I 315	173A4300-15		.		PANEL ASSY-COVER						A, B	1
I -315A	173A4300-36		.		PANEL ASSY-COVER						C, D	1
I -315B	173A4300-44		.		PANEL ASSY-COVER						E-J	1
320	BACR15BA4AD		.	.	RIVET (SIZE DETERMINED ON INST)						A, B	2

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
11-											
-320A	BACR15BA5AD7C		. .	RIVET						C, D	2
				(OPT ITEM 320B)							
-320B	MS20426AD5-7		. .	RIVET						C, D	2
				(OPT ITEM 320A)							
321	HL11VAZ6-4		. .	BOLT						E-H	2
				(V60516)							
				(SPEC BACB30NW6K4)							
				(OPT B30NW6K4 (V97928))							
				(OPT HL11VAZ6-4 (V73197))							
				(OPT HL11VAZ6-4 (V92215))							
				(OPT HL11VAZ6-4 (V97928))							
				(OPT L803-6K4 (V06725))							
				(OPT HL11VAZ6-4 (V0PTK6))							
				(OPT HL11VAZ6-4 (V56878))							
322	HL79-6		. .	COLLAR						E-H	2
				(V5M902)							
				(SPEC BACC30M6)							
				(OPT HL79-6 (V73197))							
				(OPT HL79-6 (V92215))							
				(OPT 66014-6 (V56878))							
				(OPT HL79-6 (V56878))							
325	173A4310-23		. .	PLATE-SPLICE						A, B	1
-325A	173A4310-60		. .	PLATE-SPLICE						C-H	1
330	173A4310-51		. .	FILLER						A, B	1
-330A	173A4310-66		. .	FILLER						C-H	1
335	173A4310-13		. .	PANEL						A-H	1
336	173A4300-48		. .	PANEL ASSY-COVER						J	1
-336A	173A4300-48		. .	PANEL ASSY-COVER						A-G	1
				(POST 737 SB 737-1253)							
337	BACR15BA3AD3C		. .	RIVET							4
				(USED ON ITEMS 336, 336A)							
338	BRFR220C3-2D		. .	NUTPLATE							2
				(V52828)							
				(SPEC BACN10KE3B2CD)							
				(OPT F51747-3-2CD (V15653))							
				(OPT 102A9213-2-3 (V72962))							
				(OPT NS202493-02-2 (V80539))							
				(USED ON ITEMS 336, 336A)							
339	173A4320-3		. .	SEAL							1
				(USED ON ITEMS 336, 336A)							

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
11-											
339M	173A4300-49								. . RETAINER (USED ON ITEMS 336, 336A)		1
340	173A4300-13								. PANEL ASSY-COVER	A, B	1
-340A	173A4300-34								. PANEL ASSY-COVER	C, D	1
-340B	173A4300-42								. PANEL ASSY-COVER	E-L	1
345	BACR15BA4AD								. . RIVET (SIZE DETERMINED ON INST)	A, B	5
-345A	BACR15BA5AD7C								. . RIVET (OPT ITEM 345B)	C, D	5
-345B	MS20426AD5-7								. . RIVET (OPT ITEM 345A)	C, D	5
346	HL11VAZ6-4								. . BOLT (V60516) (SPEC BACB30NW6K4) (OPT B30NW6K4 (V97928)) (OPT HL11VAZ6-4 (V73197)) (OPT HL11VAZ6-4 (V92215)) (OPT HL11VAZ6-4 (V97928)) (OPT L803-6K4 (V06725)) (OPT HL11VAZ6-4 (V0PTK6)) (OPT HL11VAZ6-4 (V56878))	E-L	5
347	HL79-6								. . COLLAR (V5M902) (SPEC BACC30M6) (OPT HL79-6 (V73197)) (OPT HL79-6 (V92215)) (OPT 66014-6 (V56878)) (OPT HL79-6 (V56878))	E-L	5
350	173A4310-21								. . PLATE-SPLICE	A, B	1
-350A	173A4310-58								. . PLATE-SPLICE	C-L	1
355	173A4310-49								. . FILLER	A, B	1
-355A	173A4310-64								. . FILLER	C-L	1
360	173A4310-11								. . PANEL		1
365	173A4300-18								. PANEL ASSY-COVER	A, B	1
-365A	173A4300-39								. PANEL ASSY-COVER	C, D	1
-365B	173A4300-47								. PANEL ASSY-COVER	E-L	1
370	BACR15BA4AD								. . RIVET (SIZE DETERMINED ON INST)	A, B	7

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
11-											
-370A	BACR15BA5AD9C		. .	RIVET						C, D	7
				(OPT ITEM 370B)							
-370B	MS20426AD5-9		. .	RIVET						C, D	7
				(OPT ITEM 370A)							
I 371	HL11VAZ6-5		. .	BOLT						E-L	7
				(V60516)							
				(SPEC BACB30NW6K5)							
				(OPT B30NW6K5 (V97928))							
				(OPT HL11VAZ6-5 (V73197))							
				(OPT HL11VAZ6-5 (V92215))							
				(OPT HL11VAZ6-5 (V97928))							
				(OPT L803-6K5 (V06725))							
				(OPT HL11VAZ6-5 (V0PTK6))							
				(OPT HL11VAZ6-5 (V56878))							
I 372	HL79-6		. .	COLLAR						E-L	7
				(V5M902)							
				(SPEC BACC30M6)							
				(OPT HL79-6 (V73197))							
				(OPT HL79-6 (V92215))							
				(OPT 66014-6 (V56878))							
				(OPT HL79-6 (V56878))							
375	173A4310-26		. .	PLATE-SPLICE						A, B	1
I -375A	173A4310-63		. .	PLATE-SPLICE						C-L	1
380	173A4310-56		. .	FILLER						A, B	1
I -380A	173A4310-69		. .	FILLER						C-L	1
385	173A4310-20		. .	PANEL							1
390	173A4310-18		. .	PANEL							1
I 395	173A4300-16		. .	PANEL ASSY-COVER						A, B	1
I -395A	173A4300-37		. .	PANEL ASSY-COVER						C, D	1
I -395B	173A4300-45		. .	PANEL ASSY-COVER						E-H	1
400	BACR15BA4AD		. .	RIVET						A, B	2
				(SIZE DETERMINED ON INST)							
-400A	BACR15BA5AD9C		. .	RIVET						C, D	2
				(OPT ITEM 400B)							
-400B	MS20426AD5-9		. .	RIVET						C, D	2
				(OPT ITEM 400A)							

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY	
			1	2	3	4	5	6	7			
11- 401	HL11VAZ6-5		. .	BOLT							E-H	2
				(V60516)								
				(SPEC BACB30NW6K5)								
				(OPT B30NW6K5 (V97928))								
				(OPT HL11VAZ6-5 (V73197))								
				(OPT HL11VAZ6-5 (V92215))								
				(OPT HL11VAZ6-5 (V97928))								
				(OPT L803-6K5 (V06725))								
				(OPT HL11VAZ6-5 (V0PTK6))								
				(OPT HL11VAZ6-5 (V56878))								
402	HL79-6		. .	COLLAR							E-H	2
				(V5M902)								
				(SPEC BACC30M6)								
				(OPT HL79-6 (V73197))								
				(OPT HL79-6 (V92215))								
				(OPT 66014-6 (V56878))								
				(OPT HL79-6 (V56878))								
405	173A4310-24		. .	PLATE-SPLICE							A, B	1
-405A	173A4310-61		. .	PLATE-SPLICE							C-H	1
410	173A4310-52		. .	FILLER							A, B	1
-410A	173A4310-67		. .	FILLER							C-H	1
415	173A4310-14		. .	PANEL							A-H	1
416	173A4300-50		.	PANEL ASSY-COVER							J	1
-416A	173A4300-50		.	PANEL ASSY-COVER							A-G	1
				(POST SB 737-27-1253)								
417	BACR15BA3AD3C		. .	RIVET								4
				(USED ON ITEMS 416, 416A)								
417M	BACN10JP3CCD		. .	NUTPLATE								2
				(USED ON ITEMS 416, 416A)								
418	173A4320-2		. .	SEAL								1
				(USED ON ITEMS 416, 416A)								
419	173A4300-51		. .	RETAINER								1
				(USED ON ITEMS 416, 416A)								
-420	173A4300-19			DELETED								
420A	173A4300-23		.	PANEL ASSY-COVER							A, B	1
-420B	173A4300-40		.	PANEL ASSY-COVER							C-J	1
-422	173A4300-50			DELETED								
425	BACR15BA3AD		. .	RIVET							A-J	6
				(SIZE DETERMINED ON INST)								

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
11-											
-427	BACR15BA3ADC										
430	NS202495-02									A-J	3
-432	BACN10JP3CCD										
435	BAC1530-31-1									A, B	AR
-435A	173A4320-1									C-J	AR
-437	173A4320-2										
-440	173A4300-20										
440A	173A4300-24									A, B	1
-440B	173A4300-41									C-J	1
-442	173A4300-51										
445	173A4300-14									A, B	1
-445A	173A4300-35									C, D	1
-445B	173A4300-43									E-L	1
450	BACR15BA4AD									A, B	5
-450A	BACR15BA5AD9C									C, D	5
-450B	MS20426AD5-9									C, D	5
451	HL11VAZ6-5									E-L	5
452	HL79-6									E-L	5

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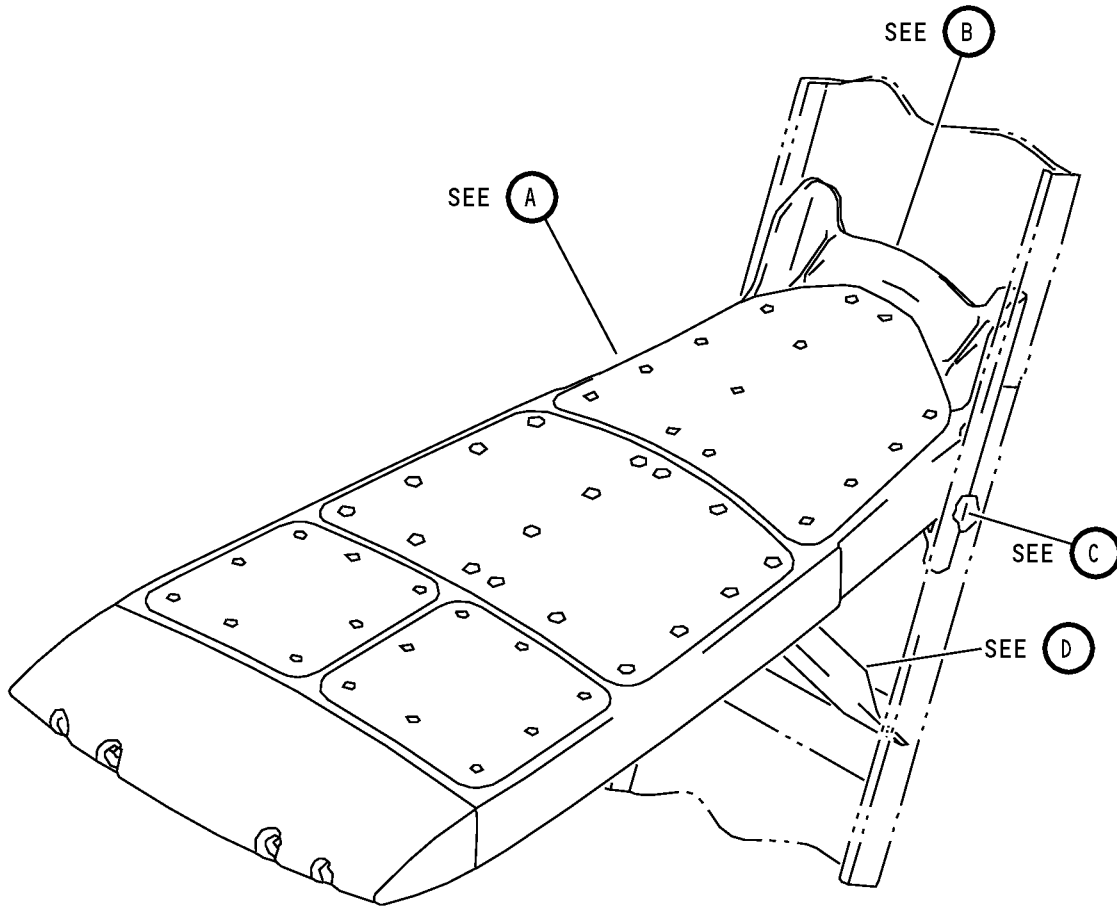
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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
11-											
455	173A4310-22									A, B	1
-455A	173A4310-59									C-L	1
460	173A4310-50									A, B	1
-461A	173A4310-65									C-L	1
465	173A4310-12										1

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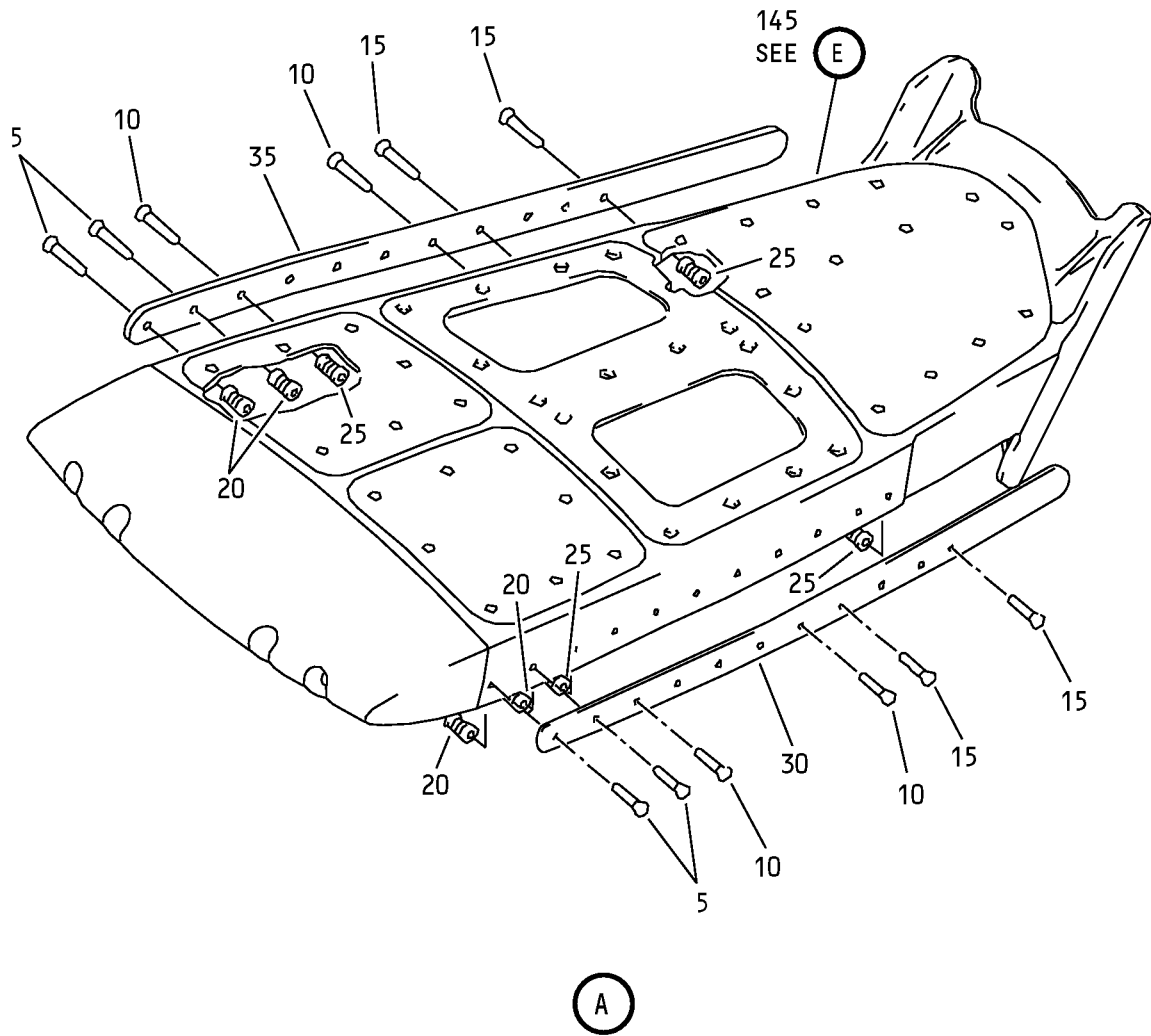
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Rudder Assembly
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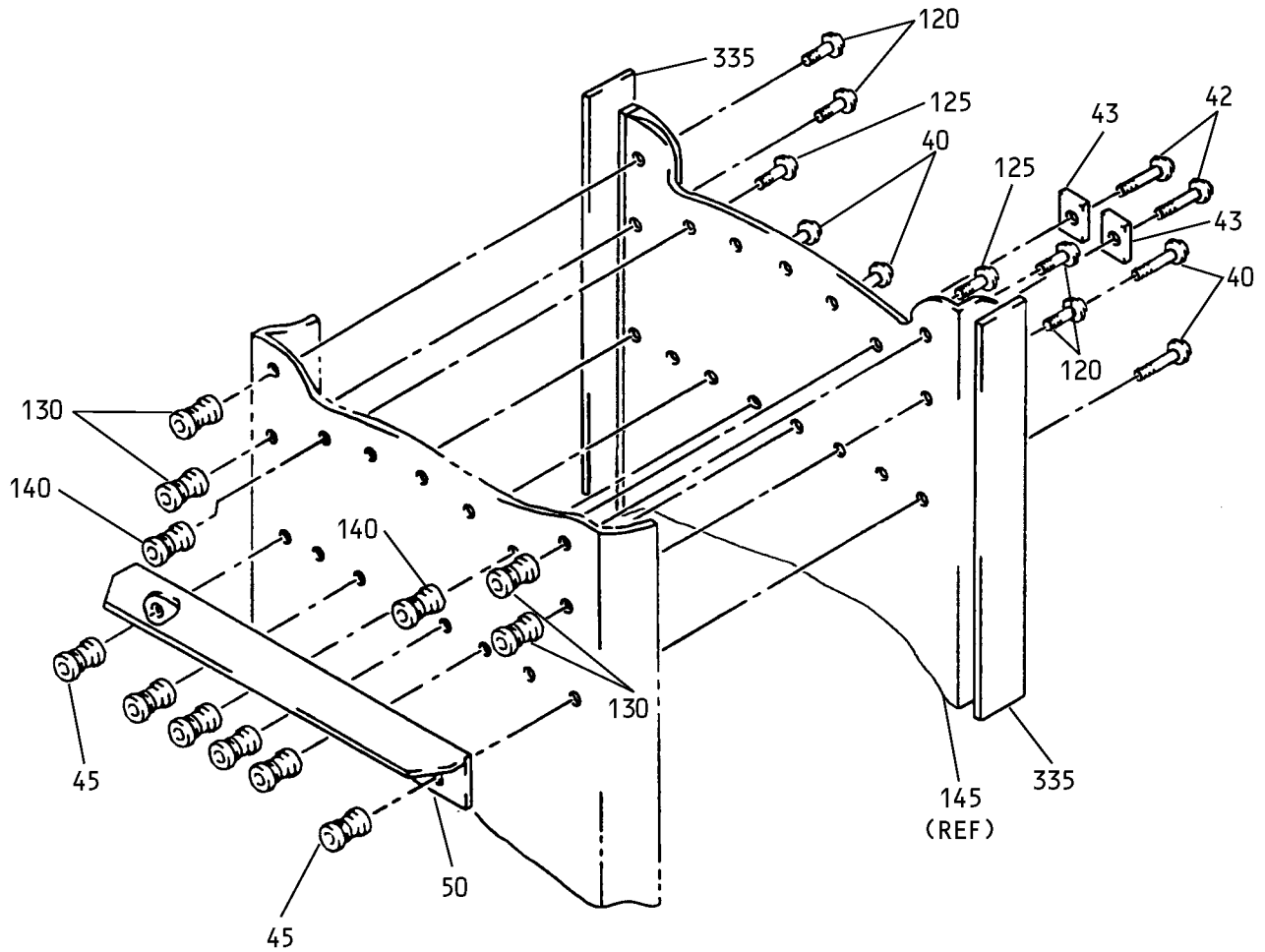
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Rudder Assembly
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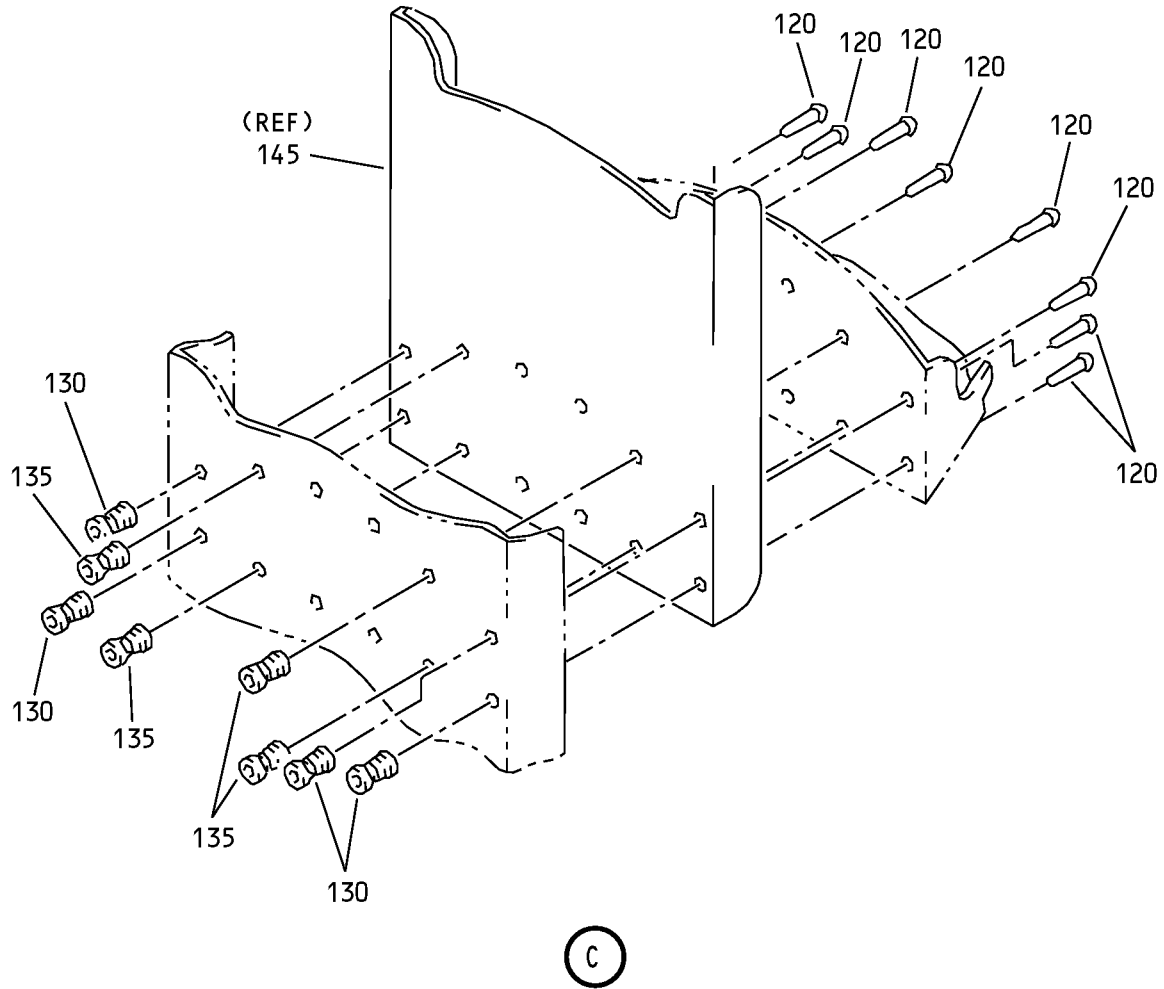


B

Rudder Assembly
IPL Figure 12 (Sheet 3 of 11)

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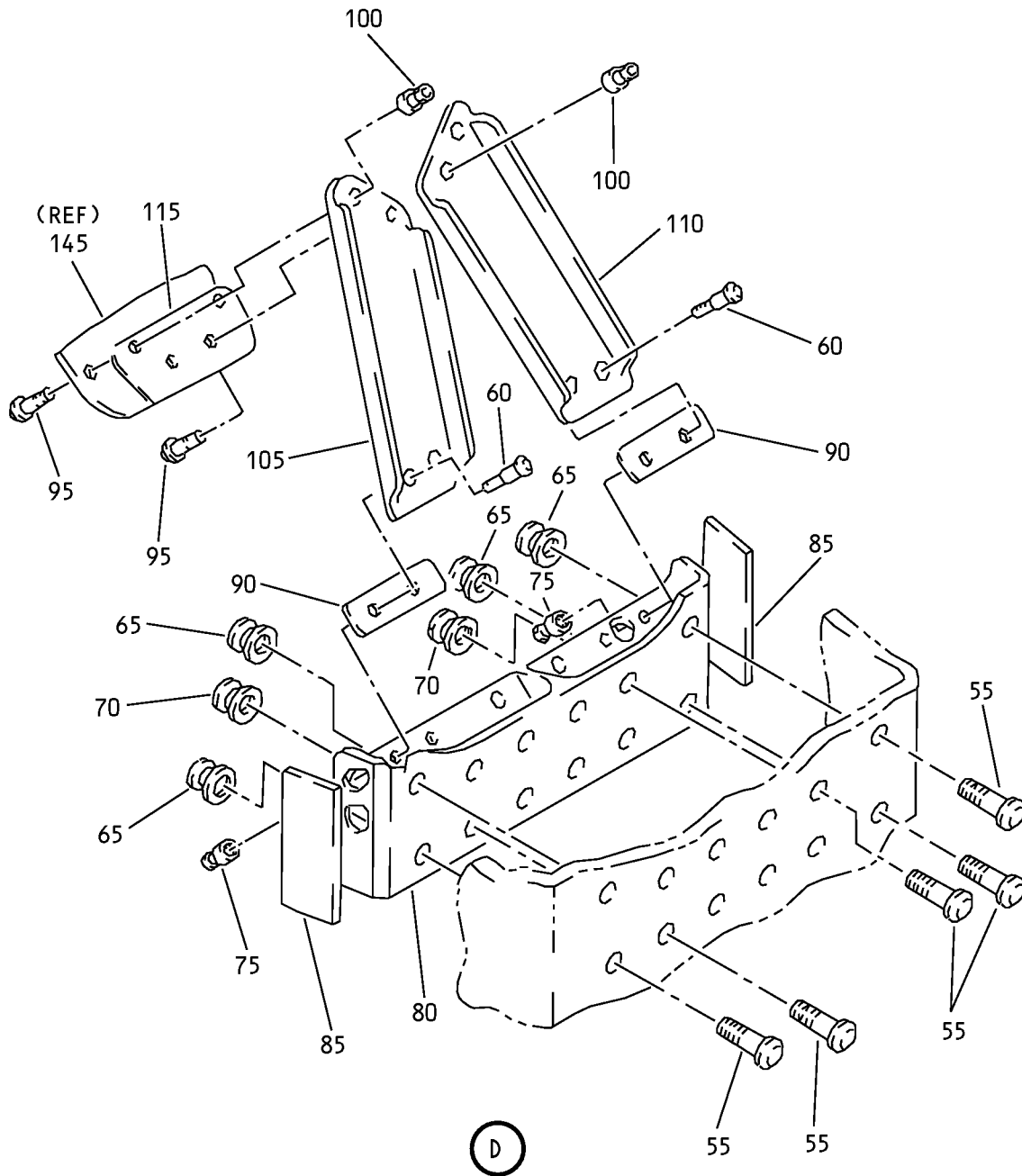


C

Rudder Assembly
IPL Figure 12 (Sheet 4 of 11)

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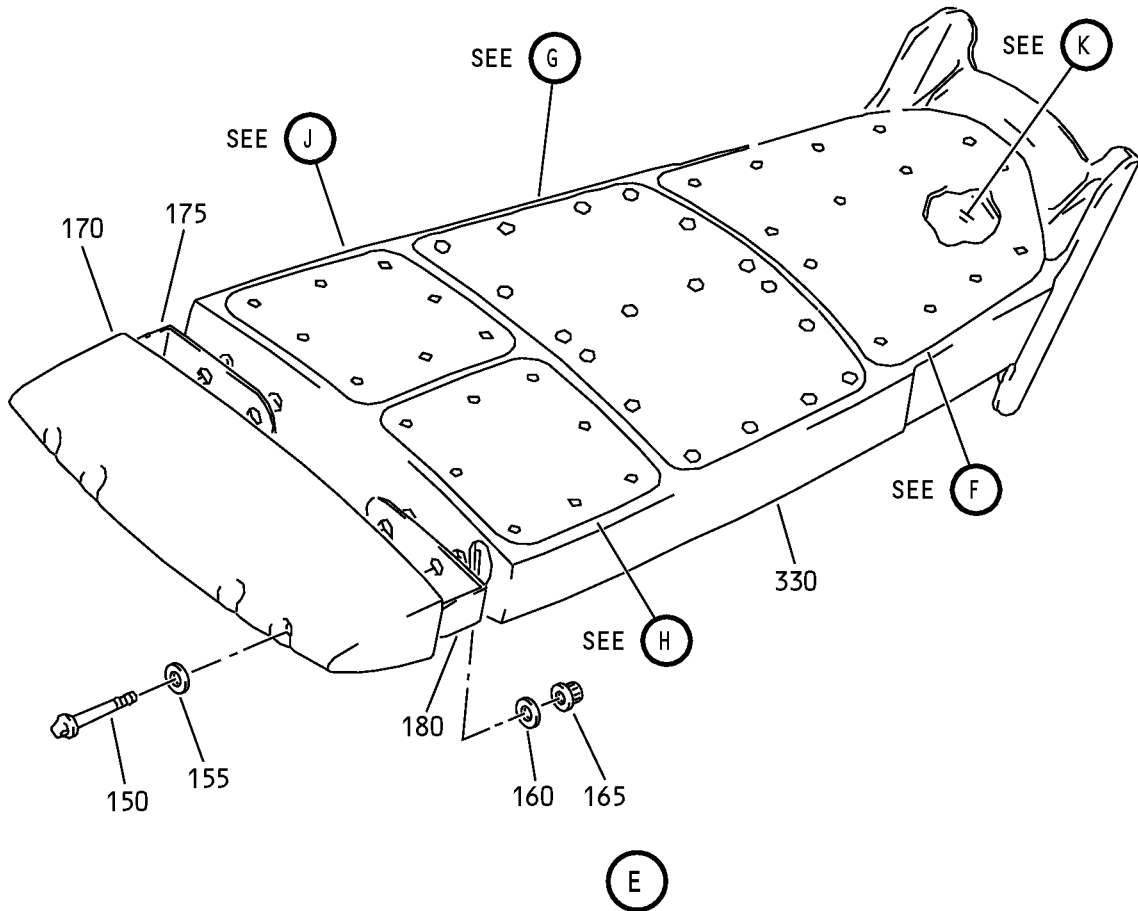
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Rudder Assembly
IPL Figure 12 (Sheet 5 of 11)

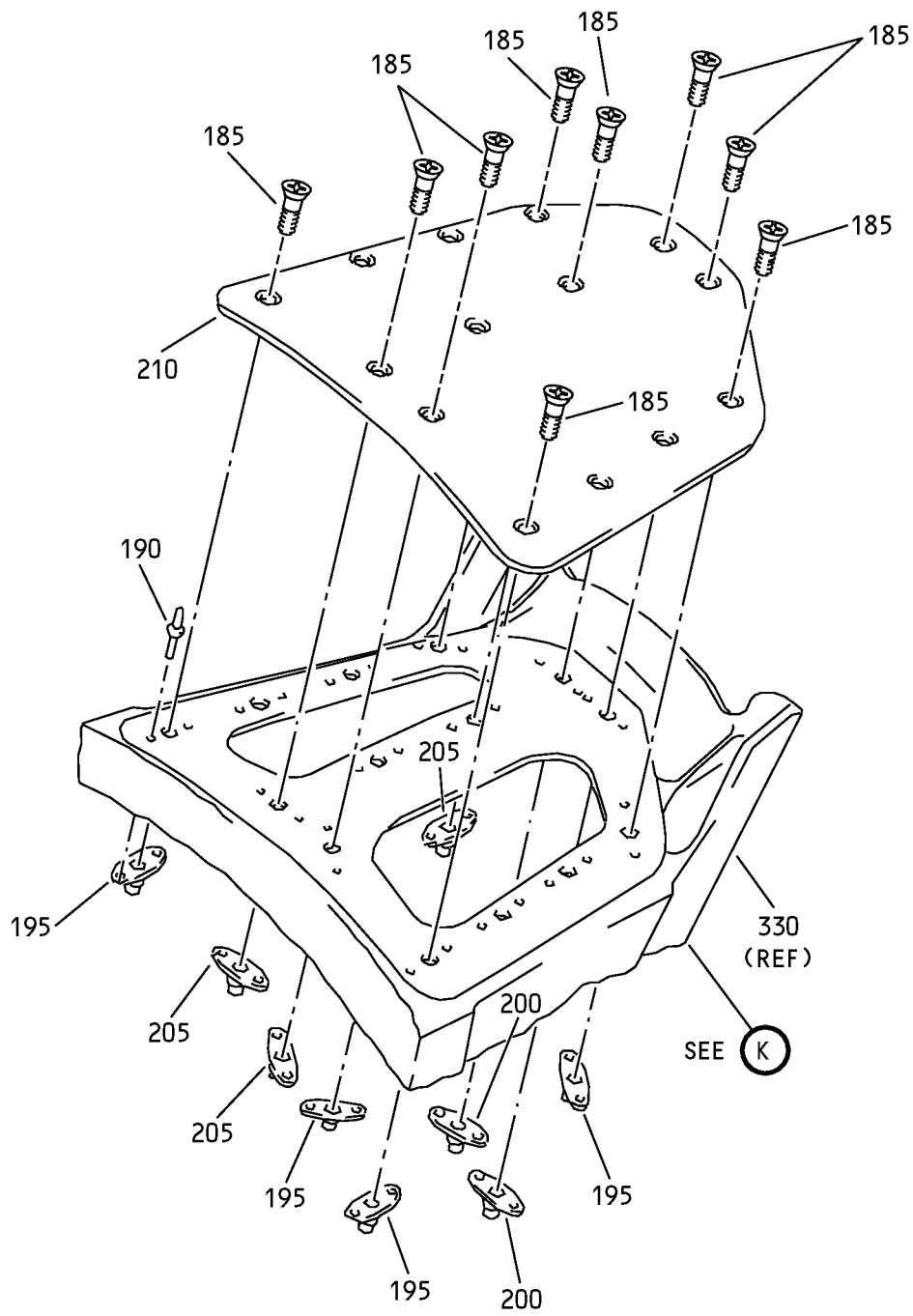
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Rudder Assembly
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Rudder Assembly
IPL Figure 12 (Sheet 7 of 11)

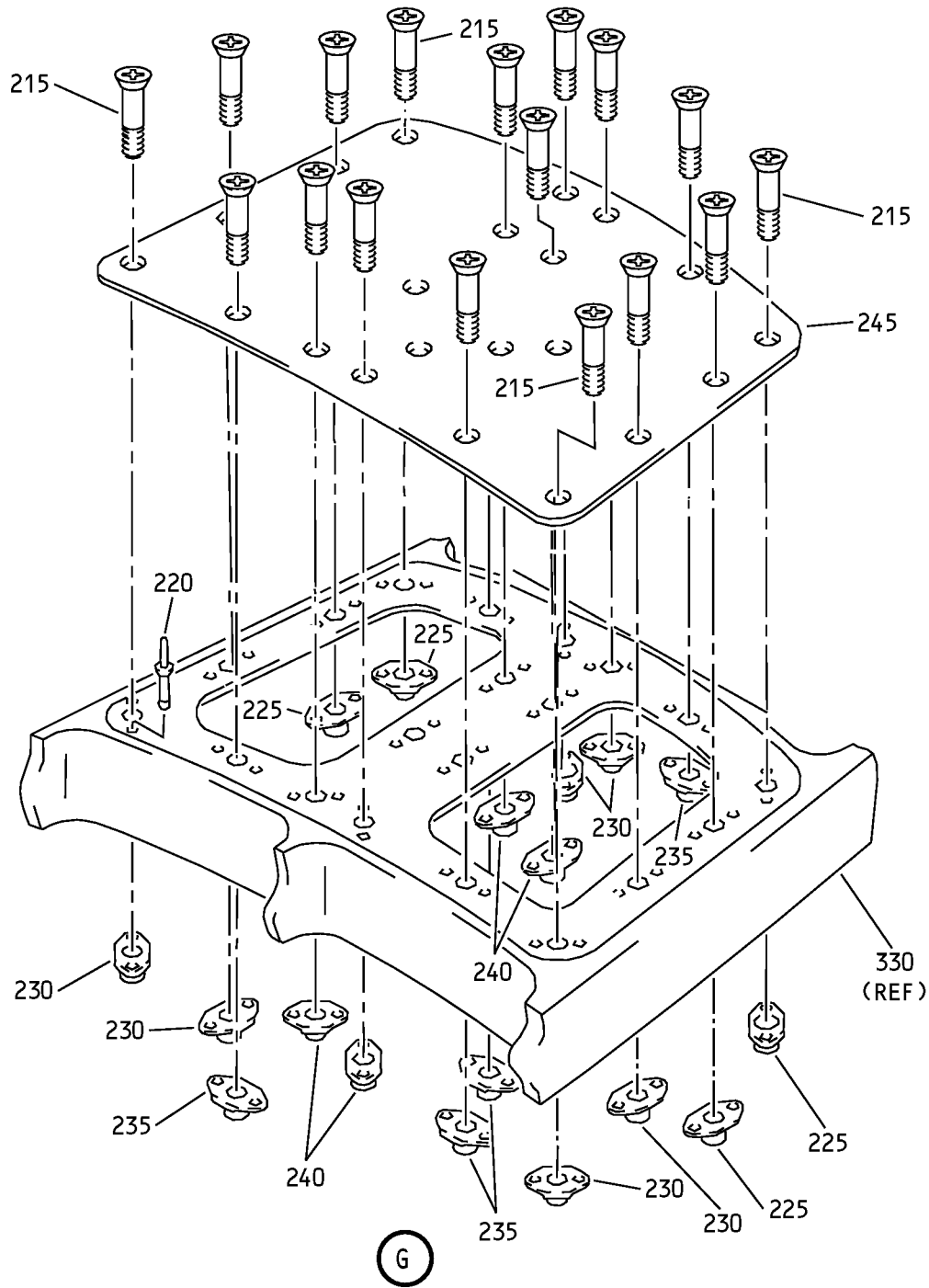
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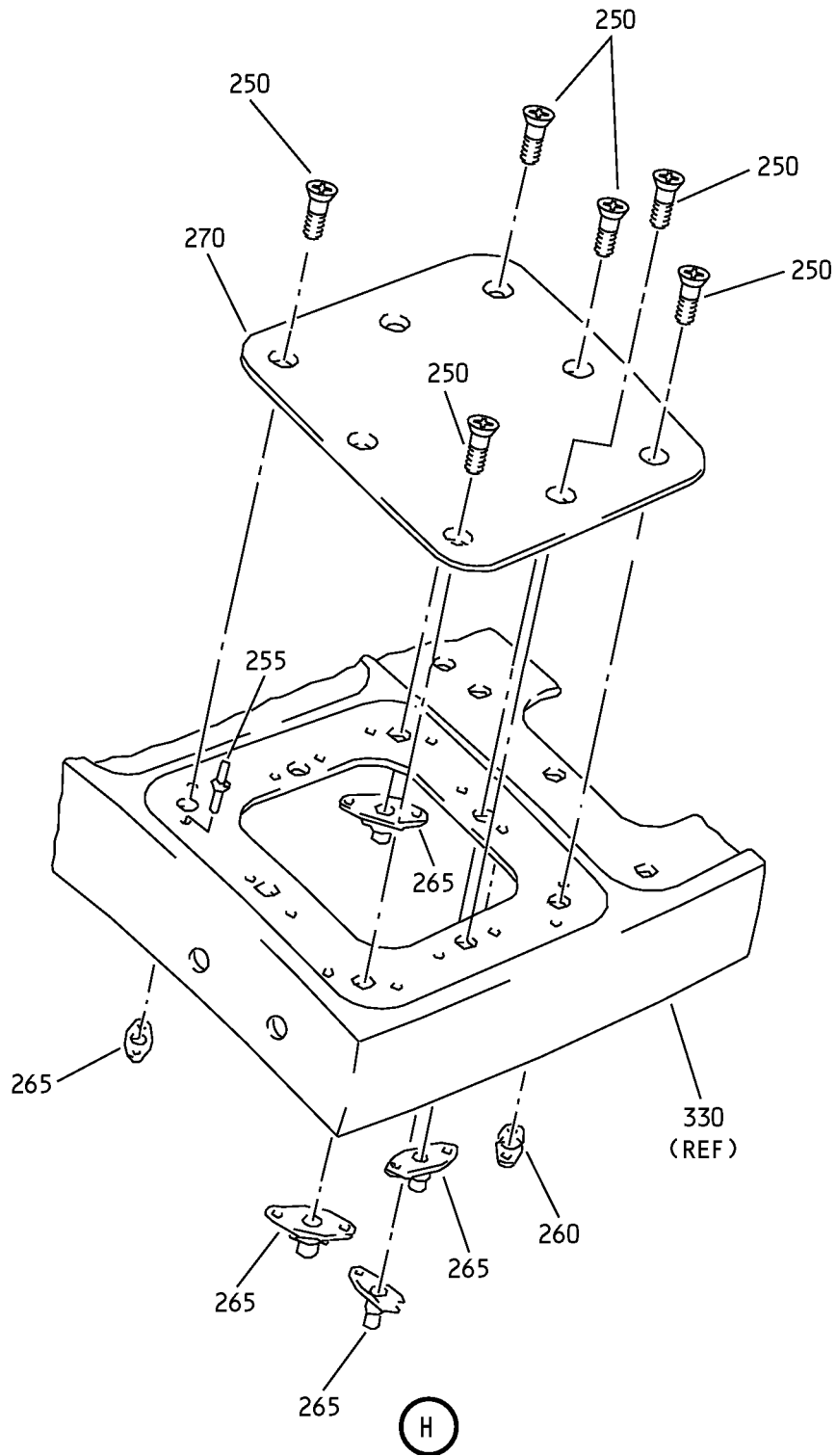
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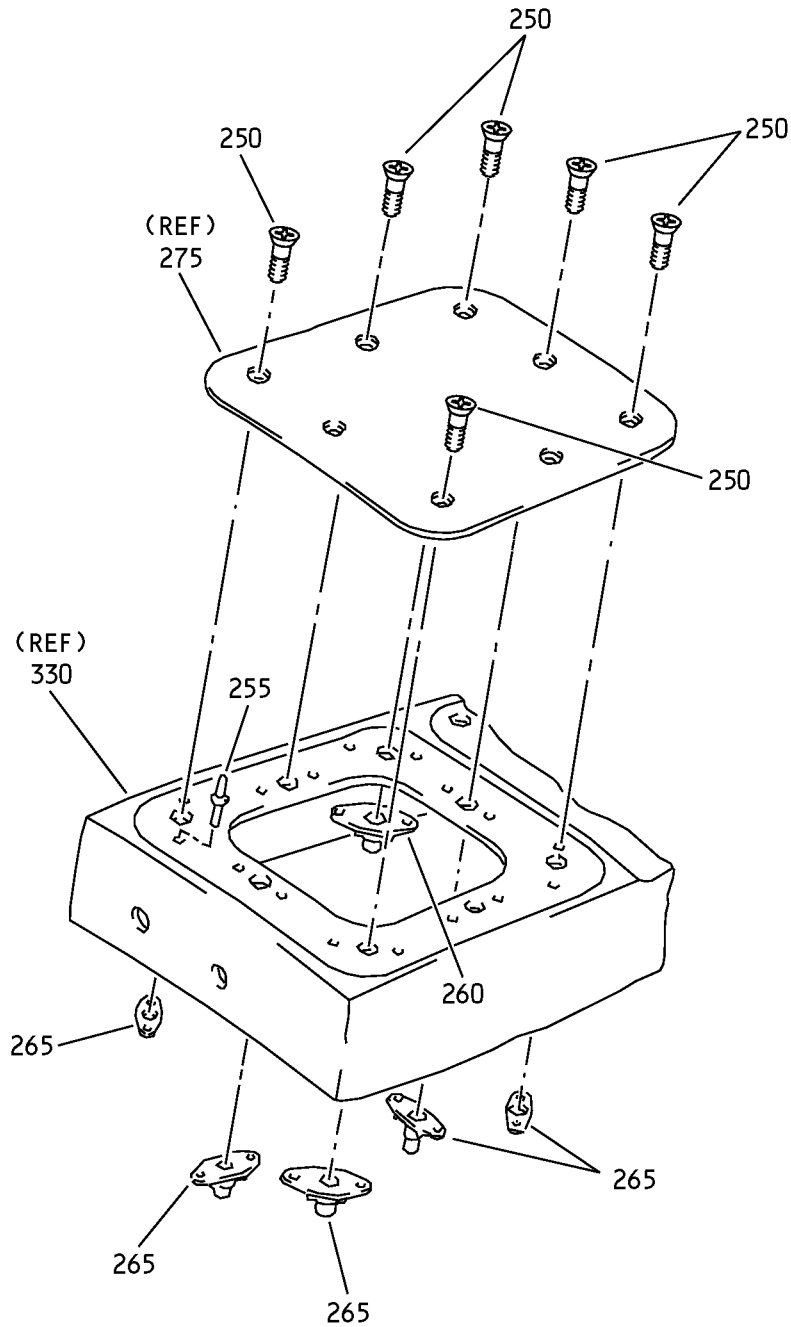
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J

Rudder Assembly
IPL Figure 12 (Sheet 10 of 11)

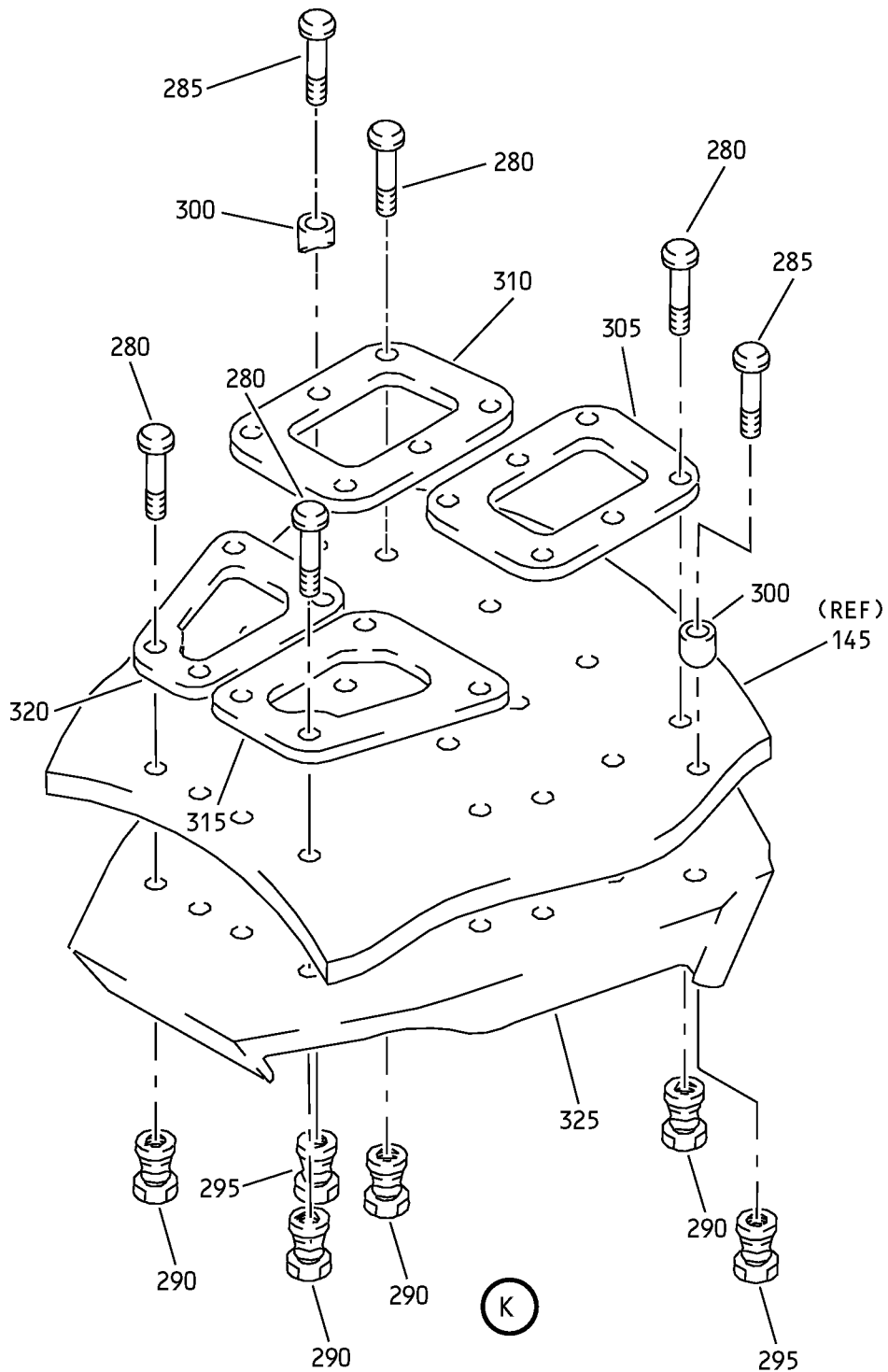
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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
12-											
-1A	173A5000-2									A	RF
-1B	173A5000-3									A	RF
-1C	173A5000-4									A	RF
-1D	173A5000-4									B, C	RF
-1E	173A5000-6									D, E	RF
I -1F	173A5000-7									F-L	RF
5	HST11AG8-5									A-E	4
I -5A	WC331K8-5									F-L	4
10	HST11AG6-4									A-E	10
I -10A	WC331K6-4									F-L	10
15	HST11AG6-5									A-E	8
I -15A	WC331K6-5									F-L	8

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY	
			1	2	3	4	5	6	7			
12- 42	HL1012AZ6-8		.	BOLT (V97928) (SPEC BACB30NX6K8) (OPT HL12VAZ6-8 (V73197)) (OPT HL12VAZ6-8 (V92215)) (OPT HL12VAZ6-8 (V97928)) (OPT L802-6K8 (V06725)) (OPT HL12VAZ6-8 (V56878)) (OPT HL1012AZ6-8 (V0PTK6)) (OPT HL1012AZ6-8 (V06725)) (OPT HL1012AZ6-8 (V06950)) (OPT HL1012AZ6-8 (V17446)) (OPT HL1012AZ6-8 (V56878)) (OPT HL1012AZ6-8 (V60516)) (OPT HL1012AZ6-8 (V73197)) (USED ON ITEMS 1C, 1D, 1E, 1F)								2
-42A	HL1012AZ6-7		.	BOLT (V97928) (SPEC BACB30NX6K7) (OPT HL12VAZ6-7 (V73197)) (OPT HL12VAZ6-7 (V92215)) (OPT HL12VAZ6-7 (V97928)) (OPT L802-6K7 (V06725)) (OPT HL12VAZ6-7 (V56878)) (OPT HL1012AZ6-7 (V0PTK6)) (OPT HL1012AZ6-7 (V06725)) (OPT HL1012AZ6-7 (V06950)) (OPT HL1012AZ6-7 (V17446)) (OPT HL1012AZ6-7 (V56878)) (OPT HL1012AZ6-7 (V60516)) (OPT HL1012AZ6-7 (V73197)) (USED ON ITEMS 1A, 1B)						A		2
43	173A5000-5		.	FILLER-RADIUS (USED ON ITEM 1C)								AR
45	HL97DU6		.	COLLAR (V73197) (SPEC BACC30AB6S) (OPT HL97DU6 (V56878)) (OPT HL97DU6 (V5M902))								8
50	173A2101-4		.	RIB POST								1

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
12- 55	HL1012AZ6-5		.	BOLT							12
				(V97928)							
				(SPEC BACB30NX6K5)							
				(OPT HL12VAZ6-5 (V73197))							
				(OPT HL12VAZ6-5 (V92215))							
				(OPT HL12VAZ6-5 (V97928))							
				(OPT L802-6K5 (V06725))							
				(OPT HL12VAZ6-5 (V56878))							
				(OPT HL1012AZ6-5 (V0PTK6))							
				(OPT HL1012AZ6-5 (V06725))							
				(OPT HL1012AZ6-5 (V06950))							
				(OPT HL1012AZ6-5 (V17446))							
				(OPT HL1012AZ6-5 (V56878))							
				(OPT HL1012AZ6-5 (V60516))							
				(OPT HL1012AZ6-5 (V73197))							
60	HL1012AZ8-6		.	BOLT							4
				(V0PTK6)							
				(SPEC BACB30NX8K6)							
				(OPT HL12VAZ8-6 (V73197))							
				(OPT HL12VAZ8-6 (V92215))							
				(OPT HL12VAZ8-6 (V97928))							
				(OPT L802-8K6 (V06725))							
				(OPT HL12VAZ8-6 (V56878))							
				(OPT HL1012AZ8-6 (V06725))							
				(OPT HL1012AZ8-6 (V06950))							
				(OPT HL1012AZ8-6 (V17446))							
				(OPT HL1012AZ8-6 (V56878))							
				(OPT HL1012AZ8-6 (V60516))							
				(OPT HL1012AZ8-6 (V73197))							
				(OPT HL1012AZ8-6 (V97928))							
65	HL175DU6AWU		.	COLLAR							4
				(V73197)							
70	HL97DU6		.	COLLAR							8
				(V73197)							
				(SPEC BACC30AB6S)							
				(OPT HL97DU6 (V56878))							
				(OPT HL97DU6 (V5M902))							
75	HL97DU8		.	COLLAR							4
				(V73197)							
				(SPEC BACC30AB8S)							
				(OPT HL97DU8 (V56878))							
				(OPT HL97DU8 (V5M902))							
80	173A5201-1		.	FITTING-STRUT SPRT							1
85	BACS40V011D028		.	SHIM							2

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
12-											
90	173A5106-3		.	SHIM							2
95	HL1012AZ8-8		.	BOLT							4
				(V0PTK6)							
				(SPEC BACB30NX8K8)							
				(OPT HL12VAZ8-8 (V73197))							
				(OPT HL12VAZ8-8 (V92215))							
				(OPT HL12VAZ8-8 (V97928))							
				(OPT L802-8K8 (V06725))							
				(OPT HL12VAZ8-8 (V56878))							
				(OPT HL1012AZ8-8 (V06725))							
				(OPT HL1012AZ8-8 (V06950))							
				(OPT HL1012AZ8-8 (V17446))							
				(OPT HL1012AZ8-8 (V56878))							
				(OPT HL1012AZ8-8 (V60516))							
				(OPT HL1012AZ8-8 (V73197))							
				(OPT HL1012AZ8-8 (V97928))							
100	HL97DU8		.	COLLAR							4
				(V73197)							
				(SPEC BACC30AB8S)							
				(OPT HL97DU8 (V56878))							
				(OPT HL97DU8 (V5M902))							
105	173A5105-5		.	STRUT					A-C		1
-105A	173A5105-9		.	STRUT					D-L		1
110	173A5105-7		.	STRUT					A-C		1
-110A	173A5105-11		.	STRUT					D-L		1
115	173A5106-1		.	SHIM							1
120	HL1012AZ8-5		.	BOLT							16
				(V0PTK6)							
				(SPEC BACB30NX8K5)							
				(OPT HL12VAZ8-5 (V73197))							
				(OPT HL12VAZ8-5 (V92215))							
				(OPT HL12VAZ8-5 (V97928))							
				(OPT L802-8K5 (V06725))							
				(OPT HL12VAZ8-5 (V56878))							
				(OPT HL1012AZ8-5 (V06725))							
				(OPT HL1012AZ8-5 (V06950))							
				(OPT HL1012AZ8-5 (V17446))							
				(OPT HL1012AZ8-5 (V56878))							
				(OPT HL1012AZ8-5 (V60516))							
				(OPT HL1012AZ8-5 (V73197))							
				(OPT HL1012AZ8-5 (V97928))							

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
12- 125	HL1012AZ6-5		.	BOLT							5
				(V97928)							
				(SPEC BACB30NX6K5)							
				(OPT HL12VAZ6-5 (V73197))							
				(OPT HL12VAZ6-5 (V92215))							
				(OPT HL12VAZ6-5 (V97928))							
				(OPT L802-6K5 (V06725))							
				(OPT HL12VAZ6-5 (V56878))							
				(OPT HL1012AZ6-5 (V0PTK6))							
				(OPT HL1012AZ6-5 (V06725))							
				(OPT HL1012AZ6-5 (V06950))							
				(OPT HL1012AZ6-5 (V17446))							
				(OPT HL1012AZ6-5 (V56878))							
				(OPT HL1012AZ6-5 (V60516))							
				(OPT HL1012AZ6-5 (V73197))							
130	HL175DU8AWU		.	COLLAR							8
				(V73197)							
135	HL97DU8		.	COLLAR							8
				(V73197)							
				(SPEC BACC30AB8S)							
				(OPT HL97DU8 (V56878))							
				(OPT HL97DU8 (V5M902))							
140	HL97DU6		.	COLLAR							5
				(V73197)							
				(SPEC BACC30AB6S)							
				(OPT HL97DU6 (V56878))							
				(OPT HL97DU6 (V5M902))							
145	173A5001-2		.	ARM ASSY					A		1
				(USED ON ITEM 1A)							
-145A	173A5001-3		.	ARM ASSY					A-C		1
				(USED ON ITEMS 1B, 1C)							
-145B	173A5001-4		.	ARM ASSY					D, E		1
				(USED ON ITEM 1E)							
-145C	173A5001-5		.	ARM ASSY					F-L		1
				(USED ON ITEM 1F)							
150	BACB30LE5K55		.	BOLT							4
155	BACW10BP5CD		.	WASHER							4
160	NAS1149E0563P		.	WASHER							4

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
12- 165	H39953-5		. . NUT (V15653) (SPEC BACN10HR5CS) (OPT BMN5024CPD3-5 (V97928)) (OPT 67832AS524 (V56878)) (OPT BMN5024CPD3-5 (V97928)) (OPT BH00303-5 (V27238)) (OPT SL7059C524 (V11815)) (OPT BH003035 (V27238)) (OPT BMN5024CPD35 (V97928)) (OPT CR59085 (V62554)) (OPT 109LH90315 (V72962)) (OPT 67832AS5 (V56878)) (OPT BMN10HRRCPD3-5 (V97928))								4
170	173A5103-3		. . WEIGHT							A-E	1
-170A	173A5103-1		. . WEIGHT							F-L	1
175	173A5108-1		. . CLIP								1
180	173A5108-2		. . CLIP								1
185	BACB30VF3K7		. . BOLT								14
190	AF5141-3C3		. . RIVET (V53551) (SPEC BACR15DR3AC3) (OPT CCR264CS3-3IT (V11815)) (OPT RV541A3C3 (V98996)) (SIZE DETERMINED ON INST)								28
195	NS202493-02-2		. . NUTPLATE (V80539) (SPEC BACN10KE3B2CD) (OPT F51747-3-2CD (V15653)) (OPT 102A9213-2-3 (V72962)) (OPT BRFR220C3-2D (V52828))								8
200	NS202493-02-5		. . NUTPLATE (V80539) (SPEC BACN10KE3B5CD) (OPT F51747-3-5CD (V15653)) (OPT 102A9213-5-3 (V72962)) (OPT BRFR220C3-5D (V52828))								2
205	NS202493-02-4		. . NUTPLATE (V80539) (SPEC BACN10KE3B4CD) (OPT F51747-3-4CD (V15653)) (OPT 102A9213-4-3 (V72962)) (OPT BRFR220C3-4D (V52828))								4

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
12-											
210	173A5102-1									A-E	1
-210A	173A5102-11									F-L	1
215	BACB30VF3K7										20
220	AF5141-3C3										40
225	NS202493-02-2										4
230	NS202493-02-3										6
235	NS202493-02-5										4
240	NS202493-02-4										6
245	173A5102-9										1
250	BACB30VF3K7										16
-250A	BACB30VF3K4										16

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
12- 255	AF5141-3C3		. . RIVET (V53551) (SPEC BACR15DR3AC3) (OPT CCR264CS3-3IT (V11815)) (OPT RV541A3C3 (V98996)) (SIZE DETERMINED ON INST)								32
260	NS202493-02-4		. . NUTPLATE (V80539) (SPEC BACN10KE3B4CD) (OPT F51747-3-4CD (V15653)) (OPT 102A9213-4-3 (V72962)) (OPT BRFR220C3-4D (V52828)) (USED ON ITEM 145)								2
-260A	F5000-3BAC		. . NUTPLATE (V15653) (SPEC BACN10JR3F) (OPT NS103203-02 (V80539)) (OPT RMF9201-3 (V72962)) (OPT VN152A1-02 (V92215)) (OPT T8091S1032 (V11815)) (OPT BRF200A3 (V52828)) (USED ON ITEM 145A)								2
265	NS202493-02-5		. . NUTPLATE (V80539) (SPEC BACN10KE3B5CD) (OPT F51747-3-5CD (V15653)) (OPT 102A9213-5-3 (V72962)) (OPT BRFR220C3-5D (V52828)) (USED ON ITEM 145)								14
-265A	F5000-3BAC		. . NUTPLATE (V15653) (SPEC BACN10JR3F) (OPT NS103203-02 (V80539)) (OPT RMF9201-3 (V72962)) (OPT VN152A1-02 (V92215)) (OPT T8091S1032 (V11815)) (OPT BRF200A3 (V52828)) (USED ON ITEM 145A)								14
270	173A5102-5		. . PANEL-SKIN								1
275	173A5102-7		. . PANEL-SKIN								1

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
12- 280	HL1012AZ6-8		.	.	BOLT						20
					(V97928)						
					(SPEC BACB30NX6K8)						
					(OPT HL12VAZ6-8 (V73197))						
					(OPT HL12VAZ6-8 (V92215))						
					(OPT HL12VAZ6-8 (V97928))						
					(OPT L802-6K8 (V06725))						
					(OPT HL12VAZ6-8 (V56878))						
					(OPT HL1012AZ6-8 (V0PTK6))						
					(OPT HL1012AZ6-8 (V06725))						
					(OPT HL1012AZ6-8 (V06950))						
					(OPT HL1012AZ6-8 (V17446))						
					(OPT HL1012AZ6-8 (V56878))						
					(OPT HL1012AZ6-8 (V60516))						
					(OPT HL1012AZ6-8 (V73197))						
285	HL1012AZ8-12		.	.	BOLT						2
					(V97928)						
					(SPEC BACB30NX8K12)						
					(OPT HL12VAZ8-12 (V73197))						
					(OPT HL12VAZ8-12 (V92215))						
					(OPT HL12VAZ8-12 (V97928))						
					(OPT L802-8K12 (V06725))						
					(OPT HL12VAZ8-12 (V56878))						
					(OPT HL1012AZ8-12 (V73197))						
					(OPT HL1012AZ8-12 (V60516))						
					(OPT HL1012AZ8-12 (V56878))						
					(OPT HL1012AZ8-12 (V17446))						
					(OPT HL1012AZ8-12 (V06950))						
					(OPT HL1012AZ8-12 (V06725))						
					(OPT HL1012AZ8-12 (V0PTK6))						
290	HL97KG6		.	.	COLLAR						20
					(V5M902)						
					(SPEC BACC30AB6C)						
					(OPT HL97PB6 (V5M902))						
					(OPT HL97PB6 (V56878))						
					(OPT HL97KG6 (V73197))						
					(OPT HL97KG6 (V56878))						
					(OPT HL97PB6 (V73197))						
					(OPT ITEM 290A)						
-290A	HL175-6AW		.	.	COLLAR						20
					(V73197)						
					(OPT ITEM 290)						

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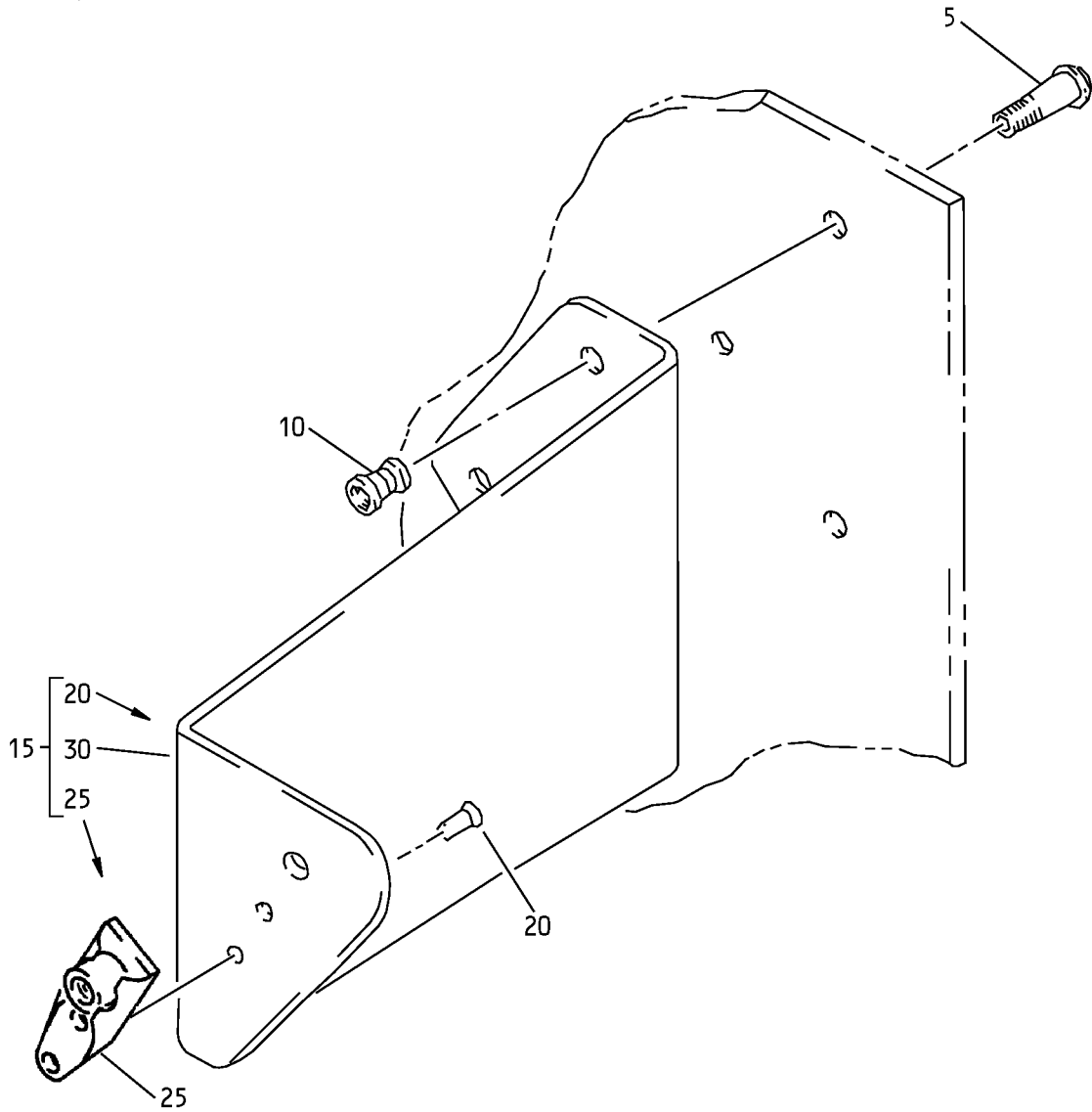


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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY	
			1	2	3	4	5	6	7			
12- 295	HL97KG8		.	.	COLLAR (V5M902) (SPEC BACC30AB8C) (OPT HL97PB8 (V5M902)) (OPT HL97PB8 (V56878)) (OPT HL97KG8 (V73197)) (OPT HL97KG8 (V56878)) (OPT HL97PB8 (V73197))							2
300	173A5109-5		.	.	FILLER							2
305	173A5109-1		.	.	FILLER (USED ON ITEM 145)					A		1
-305A	173A5109-7		.	.	FILLER (USED ON ITEMS 145A, 145B, 145C)							1
310	173A5109-2		.	.	FILLER (USED ON ITEM 145)					A		1
-310A	173A5109-8		.	.	FILLER (USED ON ITEMS 145A, 145B, 145C)							1
315	173A5109-3		.	.	FILLER (USED ON ITEM 145)					A		1
-315A	173A5109-9		.	.	FILLER (USED ON ITEMS 145A, 145B, 145C)							1
320	173A5109-4		.	.	FILLER (USED ON ITEM 145)					A		1
-320A	173A5109-10		.	.	FILLER (USED ON ITEMS 145A, 145B, 145C)							1
325	173A5202-1		.	.	FITTING-SPRT							1
330	173A5101-3		.	.	ARM							1
335	BACS40V011D071		.	.	SHIM							2

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Rudder Assembly
IPL Figure 13

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
13-											
-1A	251A3485-1									A	RF
-1B	251A3485-1									B-L	RF
5	HL1012AZ5-2										3
10	HL97KG5										3
15	251A3486-1										1
20	BACR15BA3AD										2
25	BRF100C3D										1
30	251A3486-2										1

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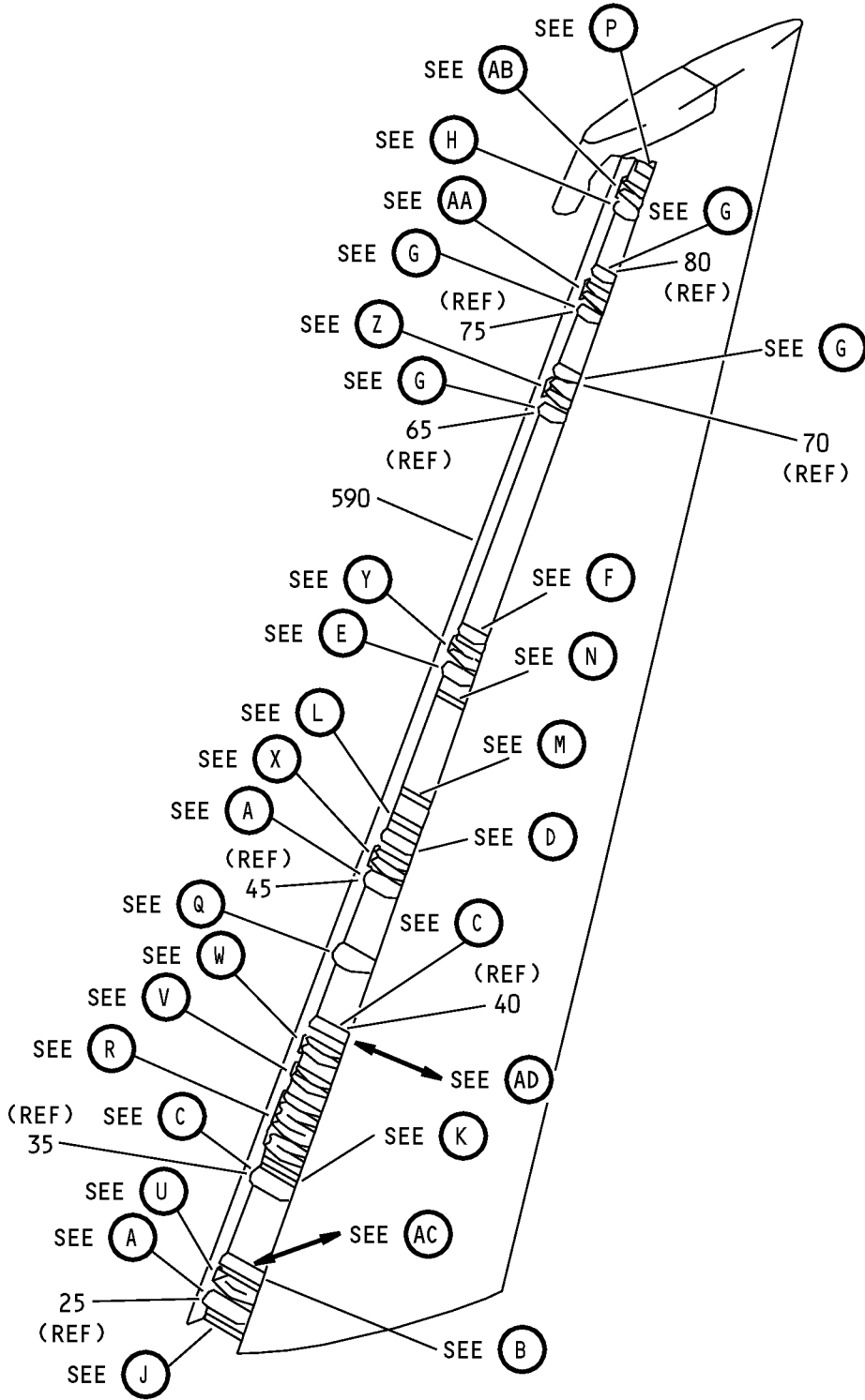
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Rudder Assembly
IPL Figure 14 (Sheet 1 of 15)

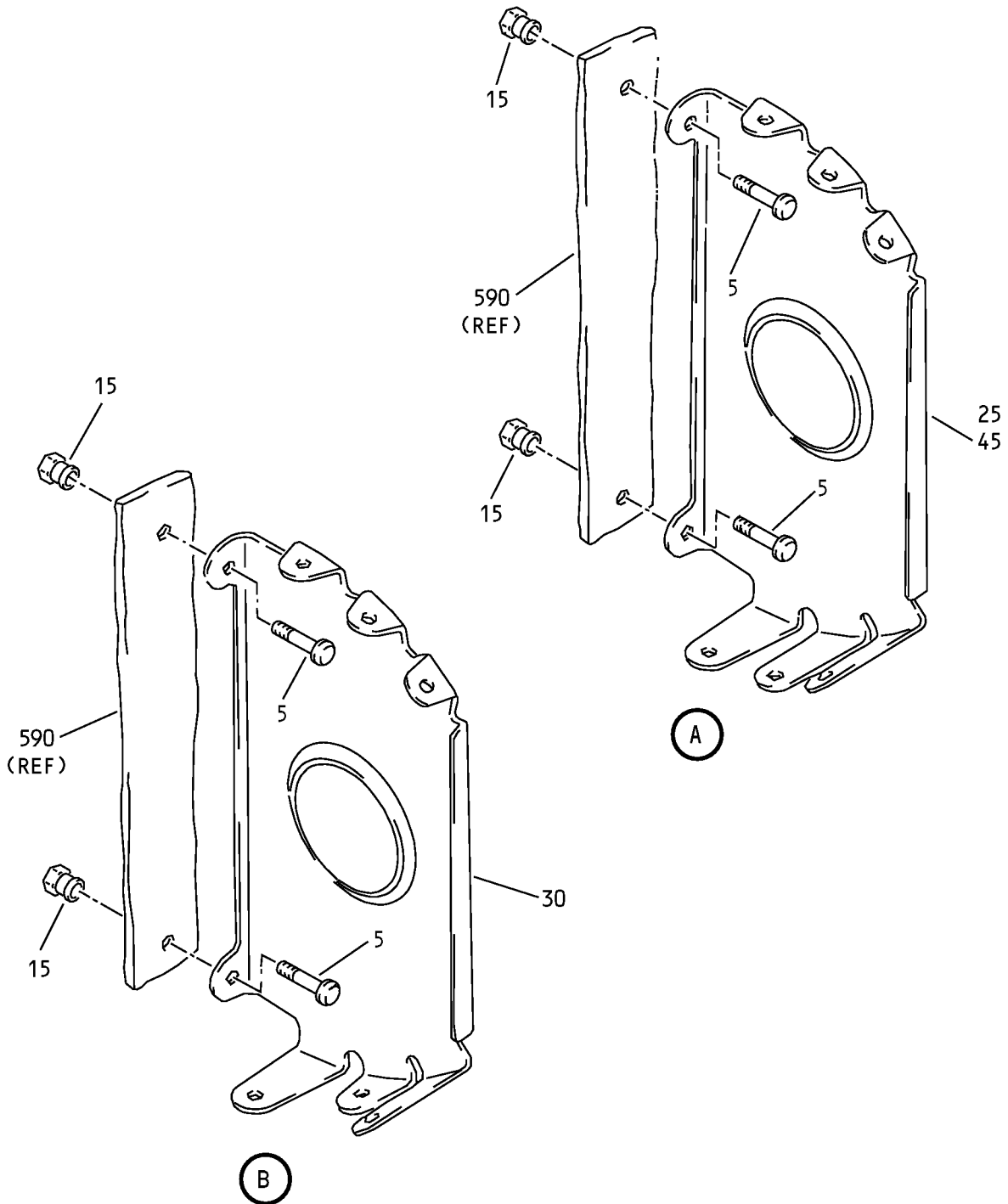
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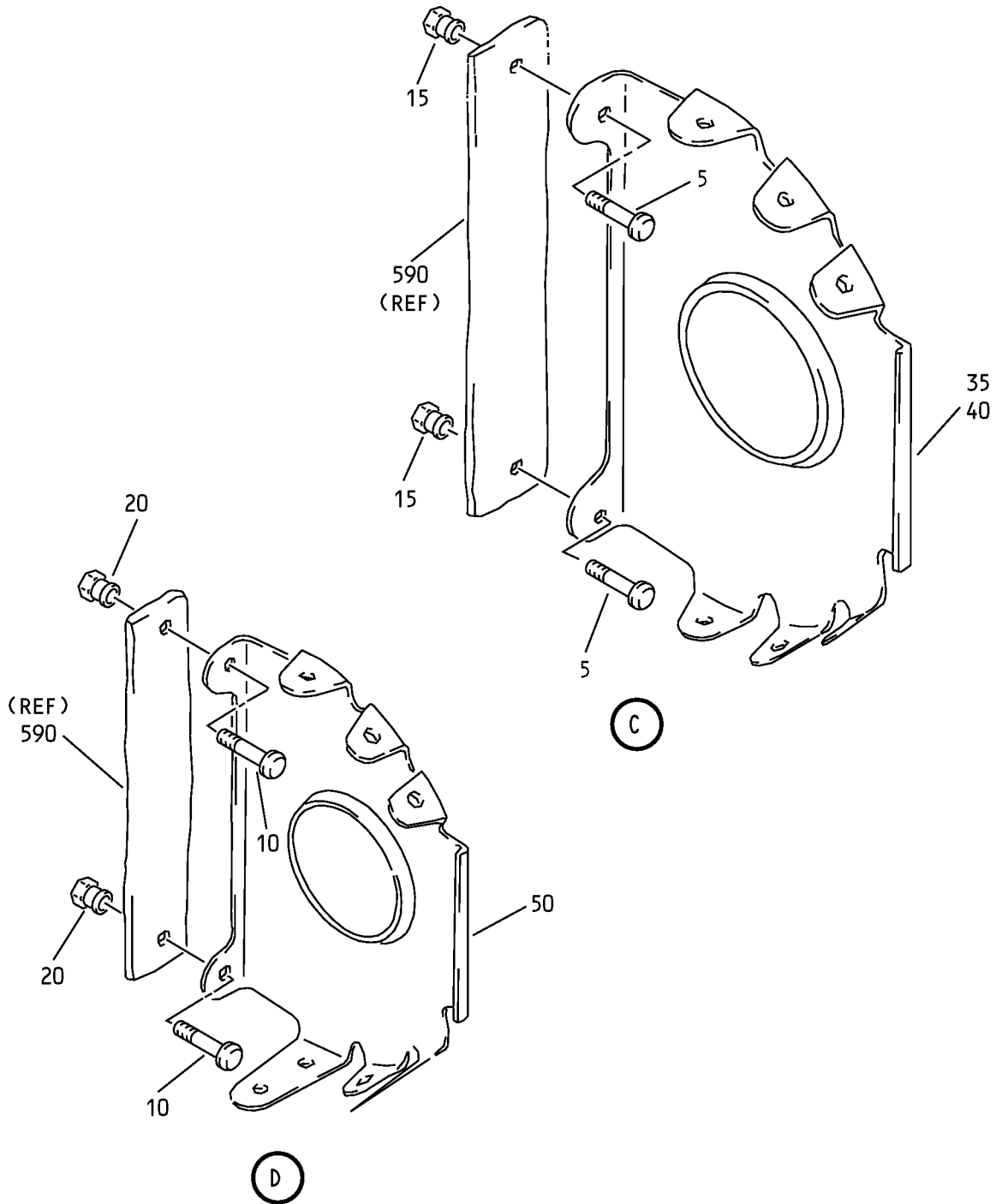
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IPL Figure 14 (Sheet 2 of 15)

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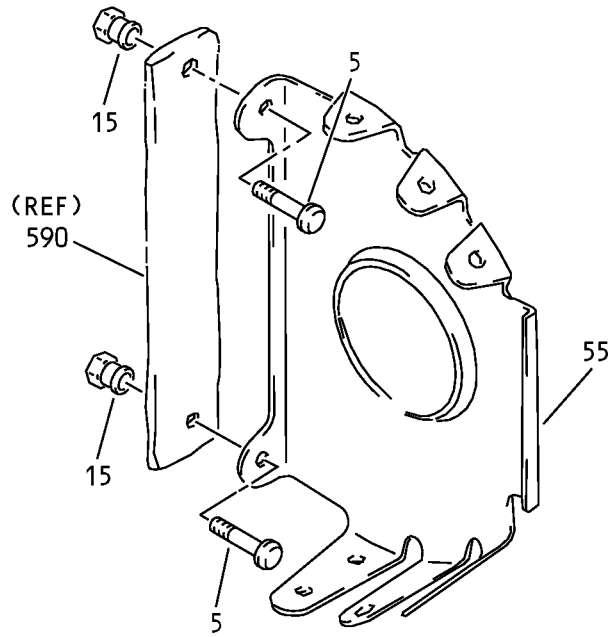
COMPONENT MAINTENANCE MANUAL



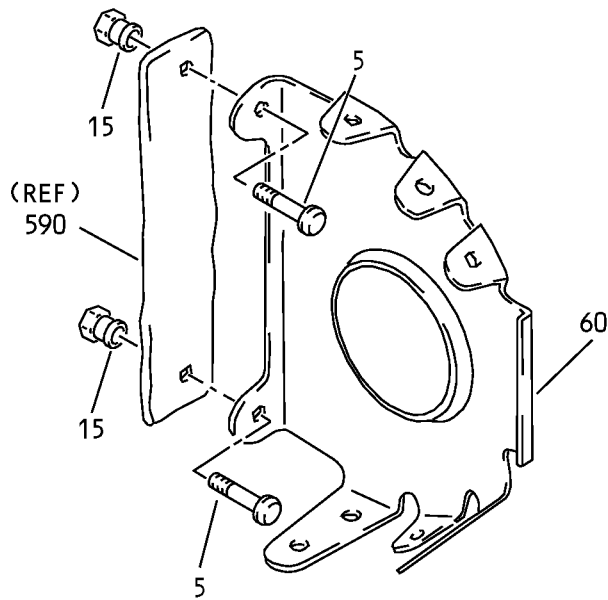
Rudder Assembly
IPL Figure 14 (Sheet 3 of 15)

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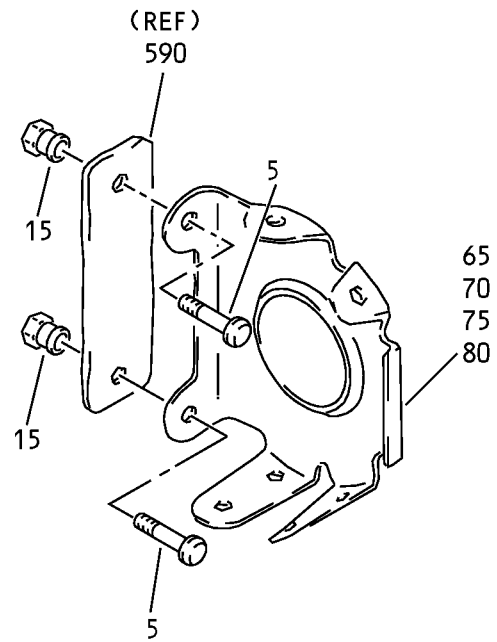
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E



F



G

Rudder Assembly
IPL Figure 14 (Sheet 4 of 15)

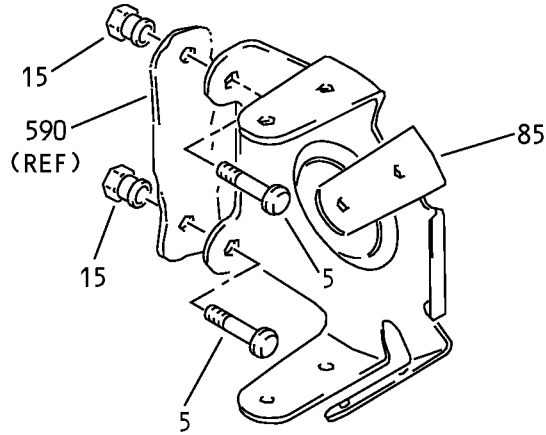
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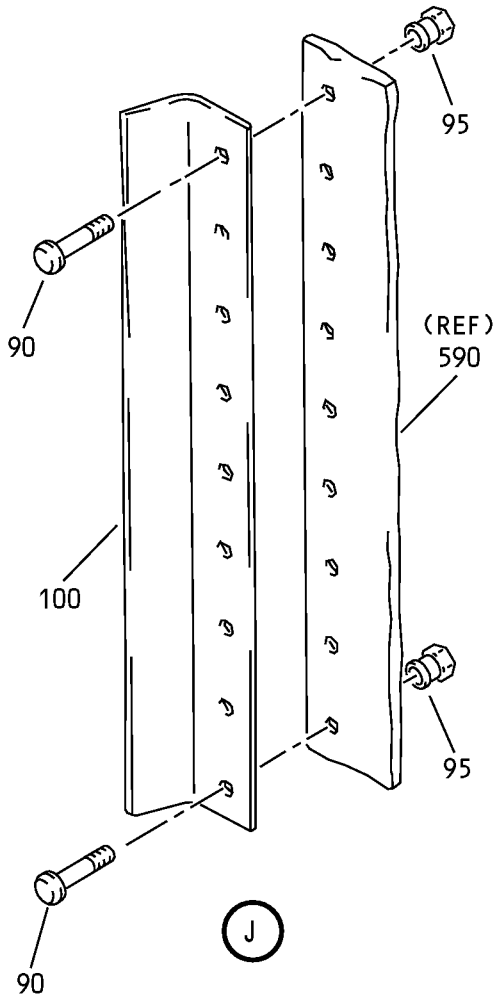
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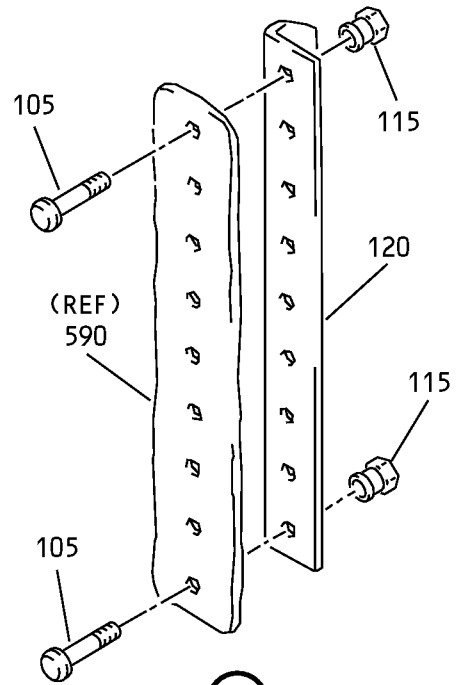
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H



J



K

Rudder Assembly
IPL Figure 14 (Sheet 5 of 15)

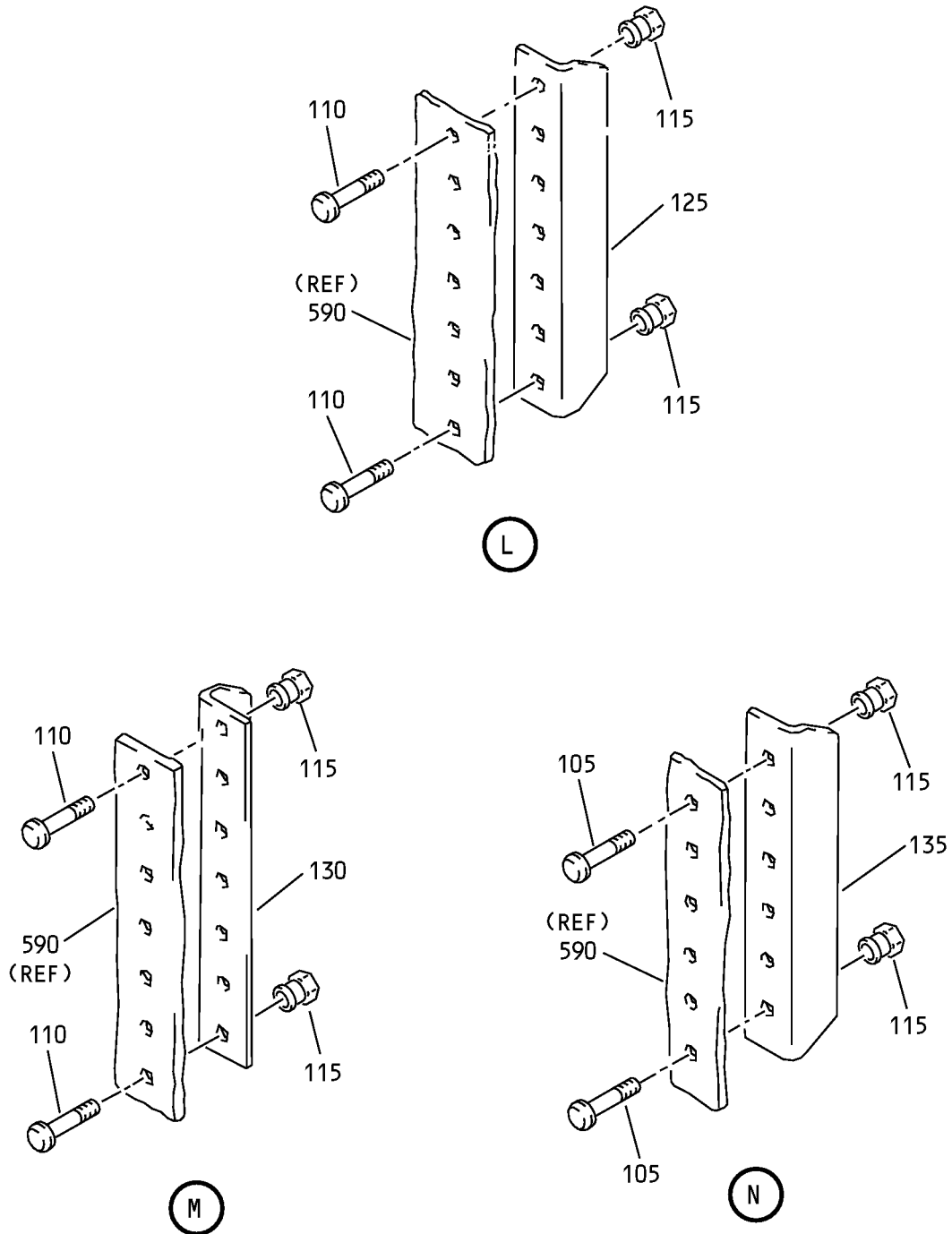
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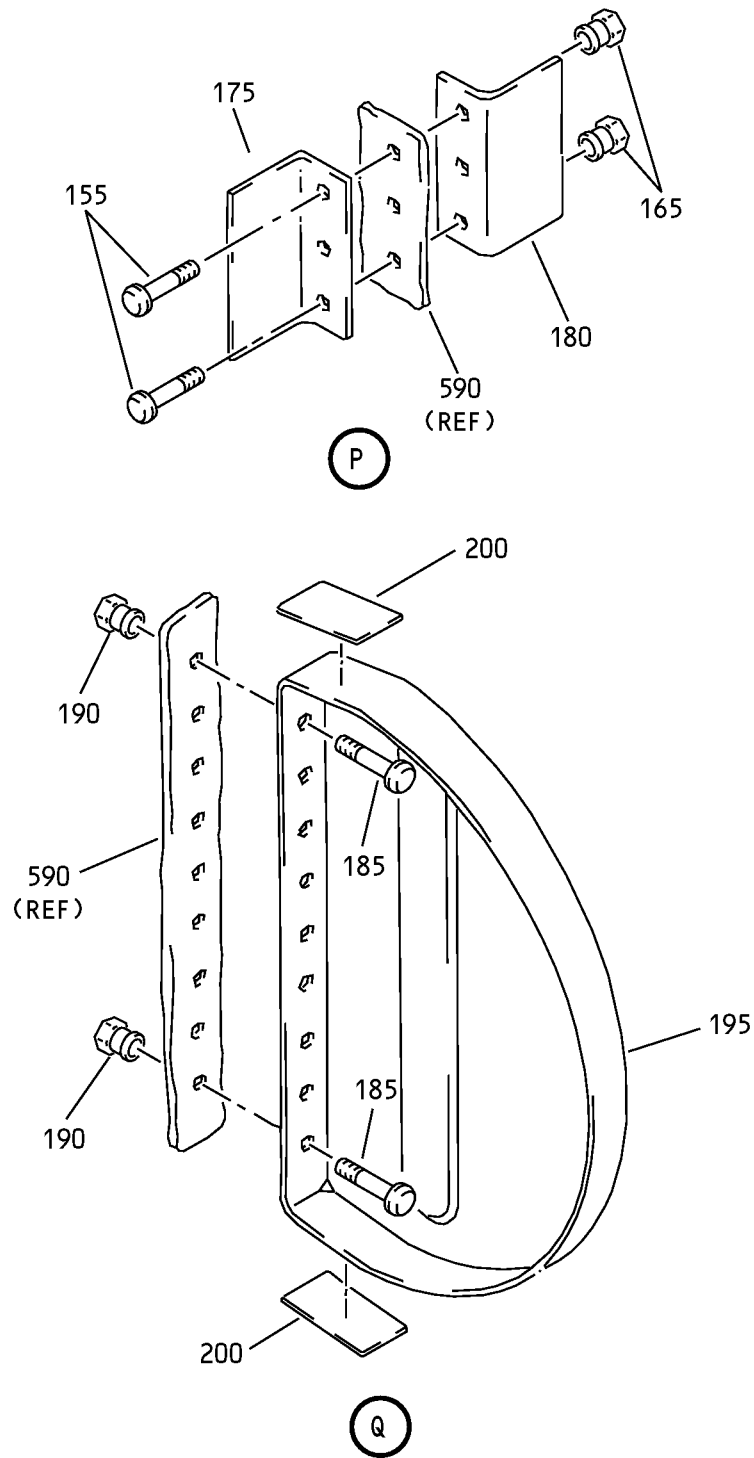
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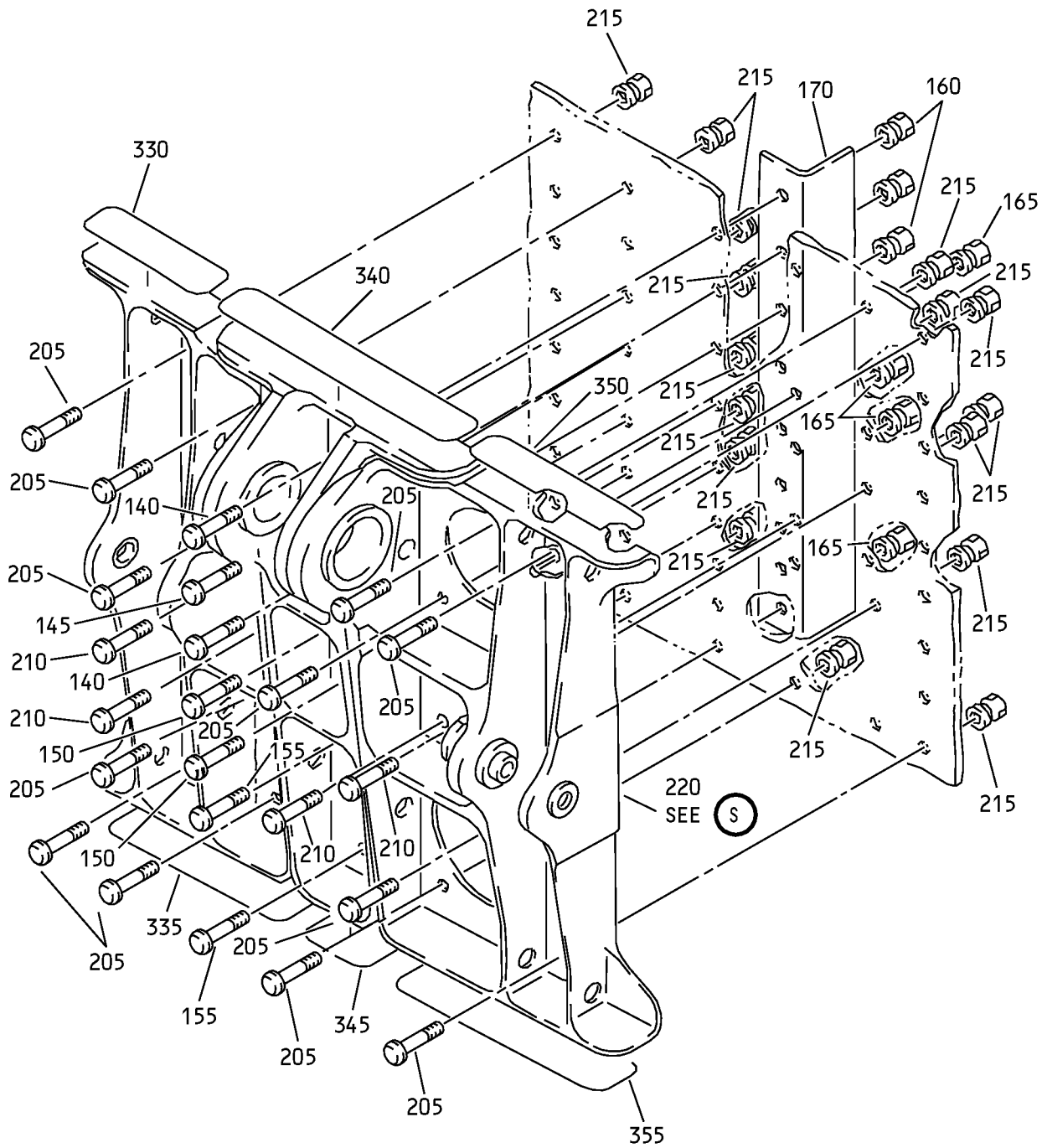
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Rudder Assembly
IPL Figure 14 (Sheet 8 of 15)

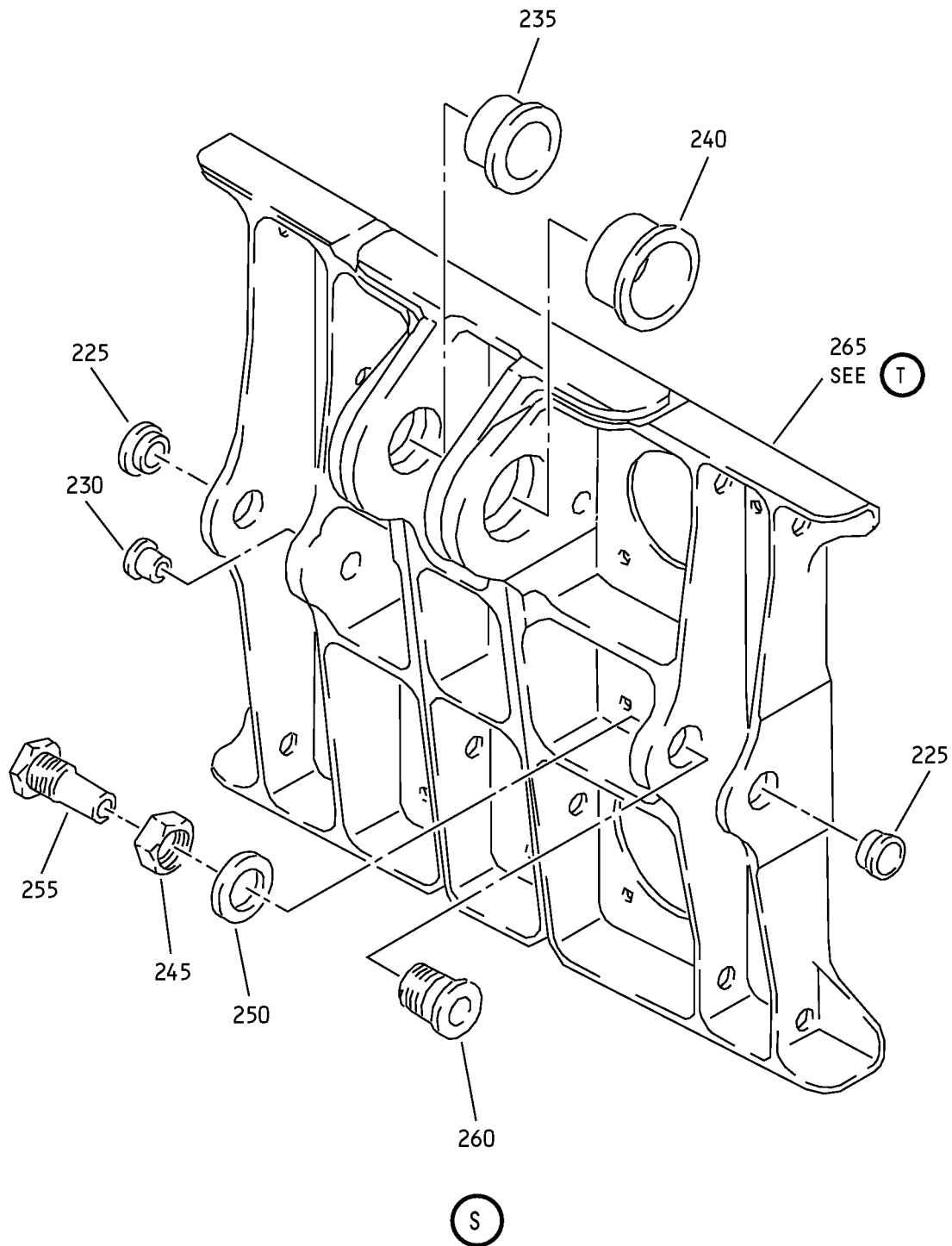
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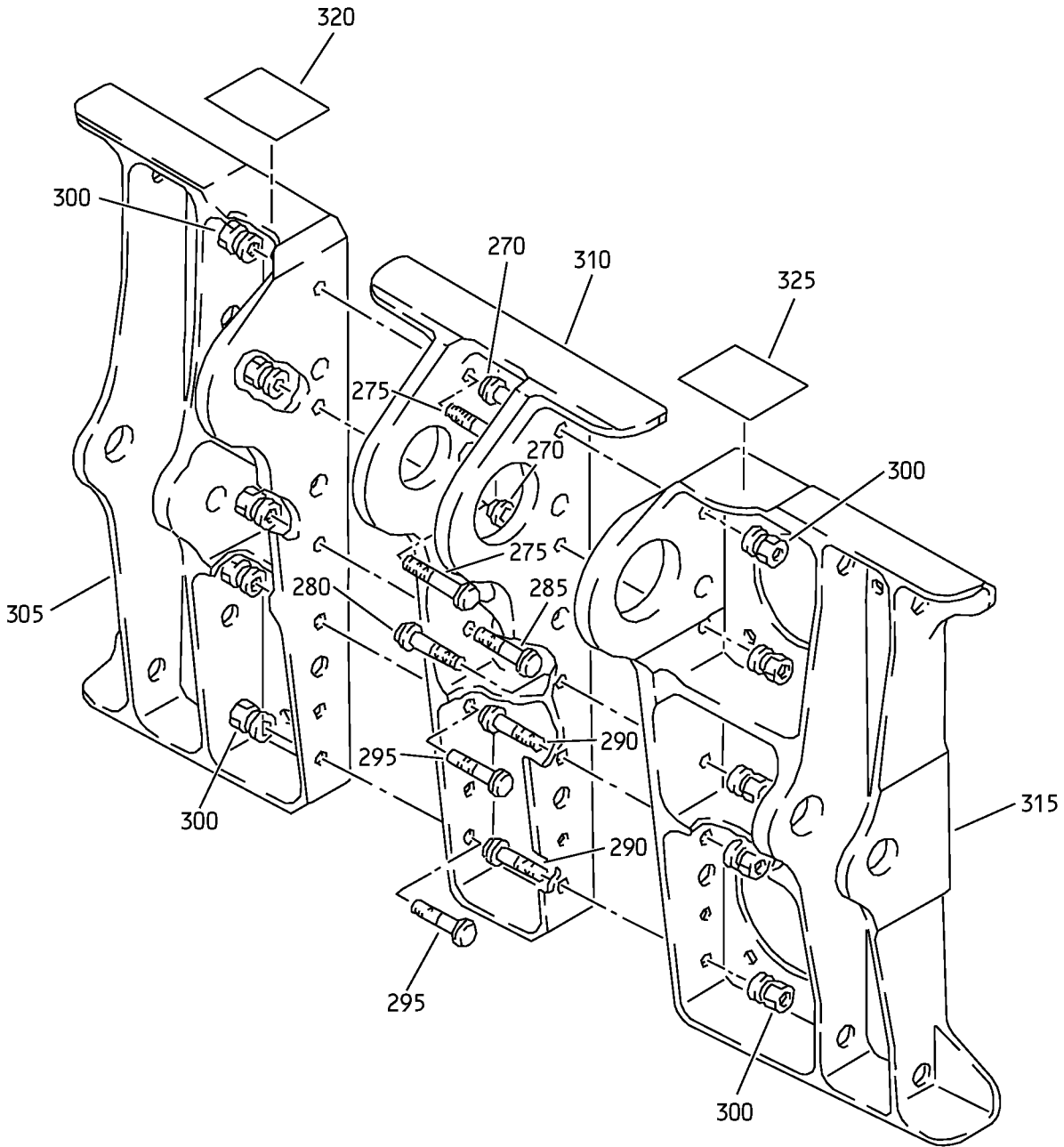
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T

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IPL Figure 14 (Sheet 10 of 15)

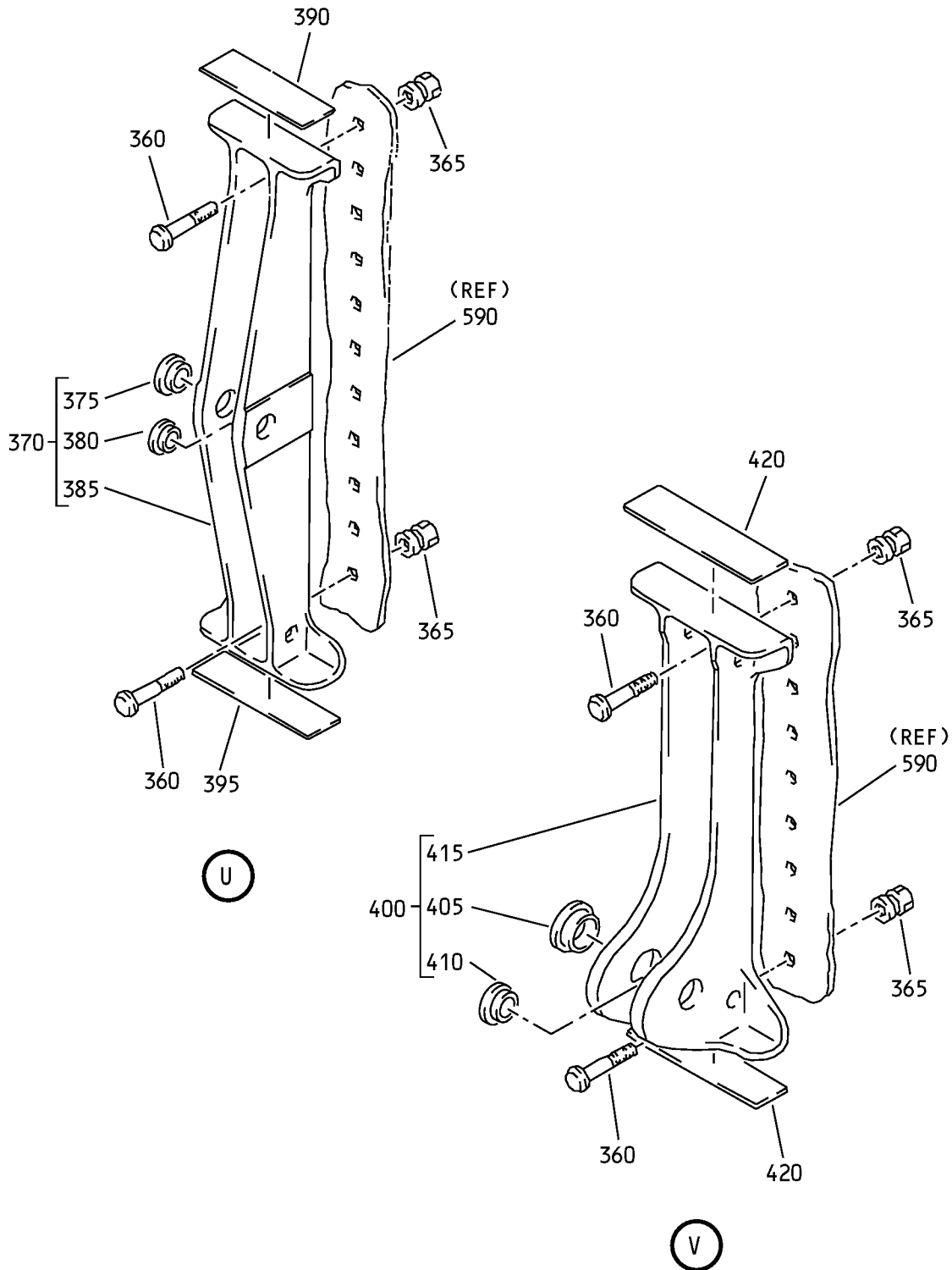
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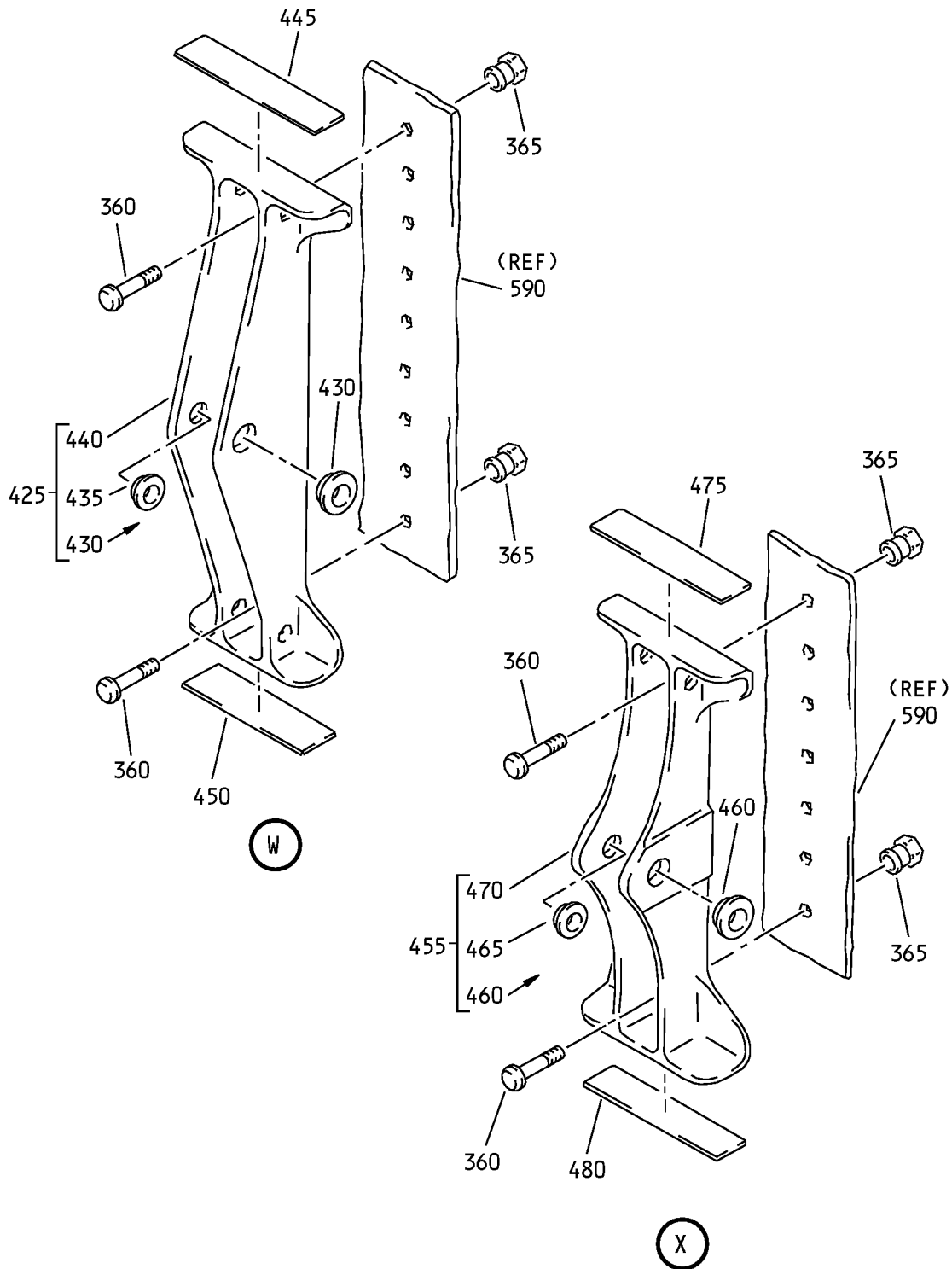
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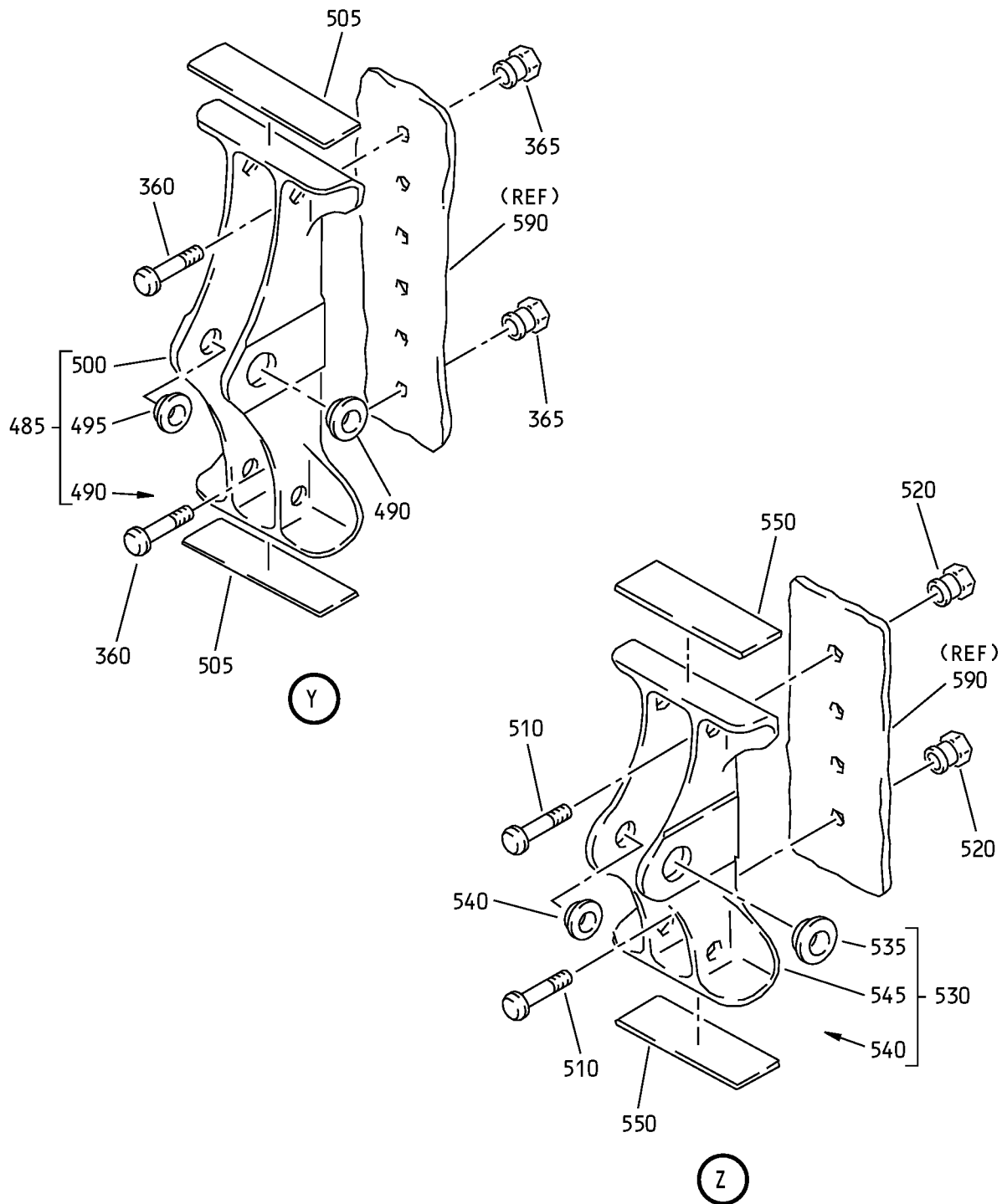
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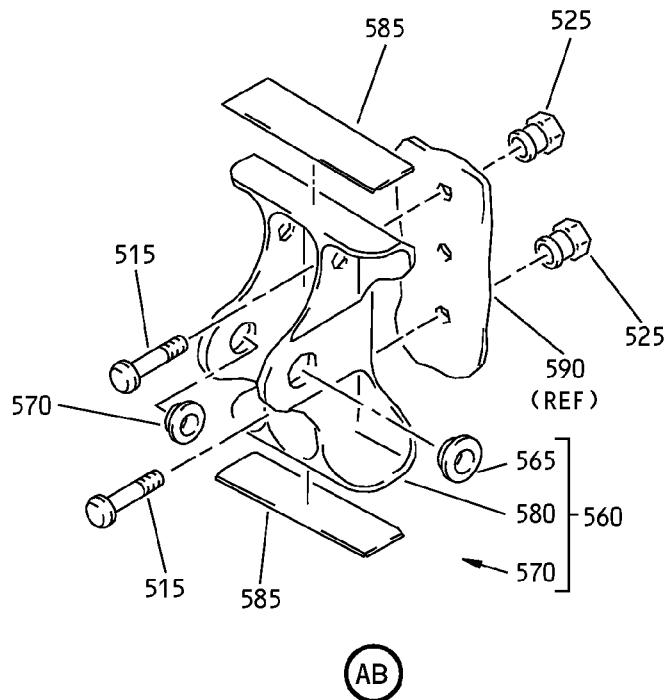
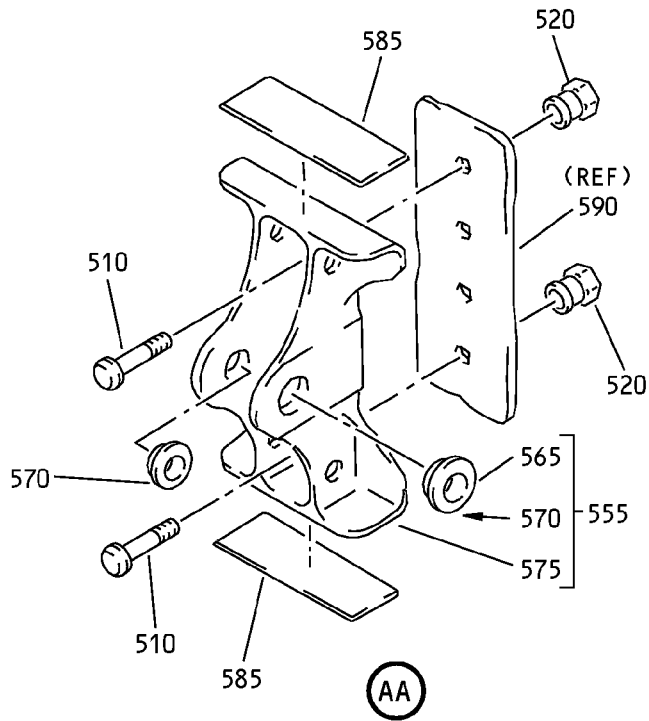


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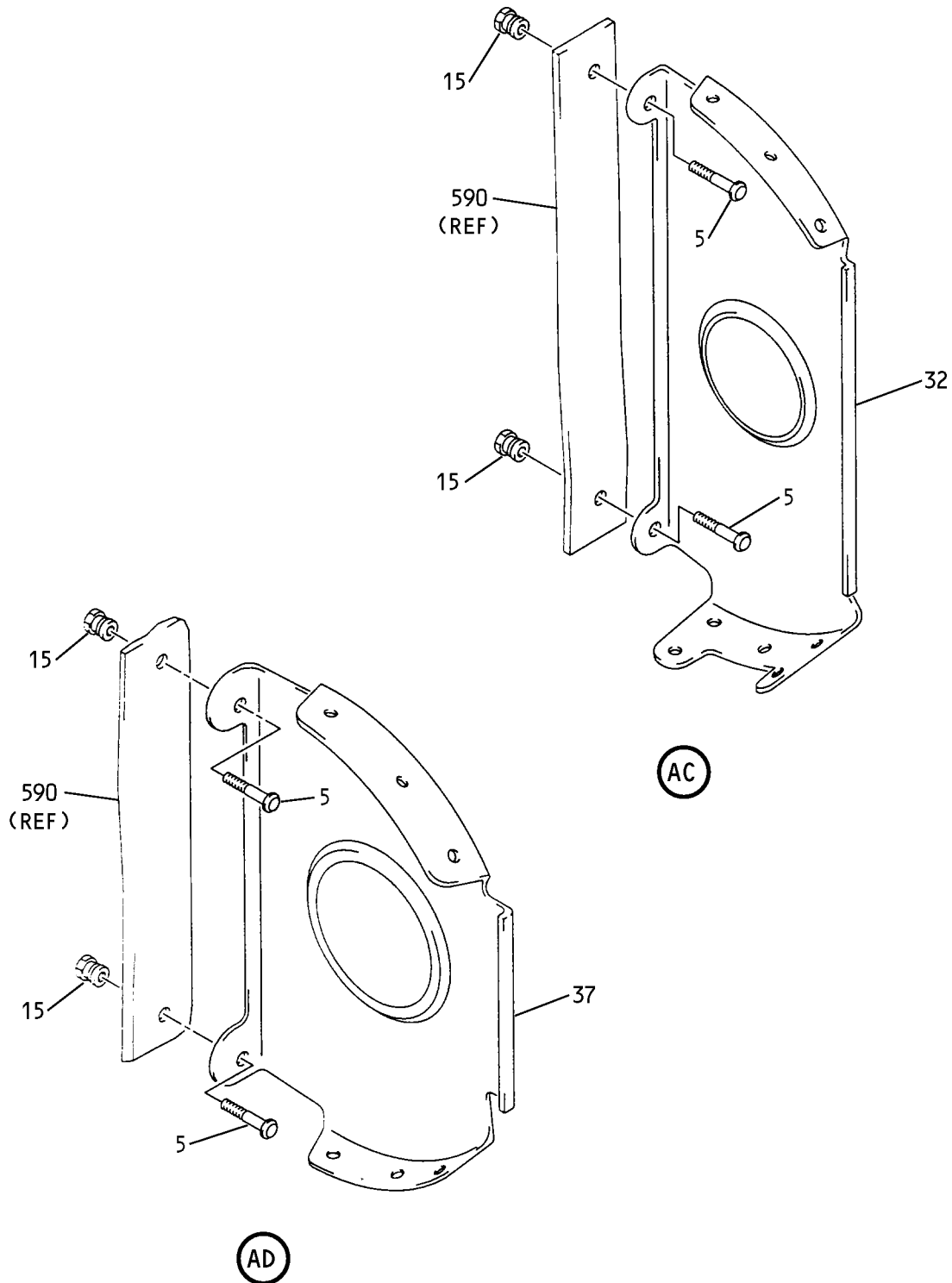
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IPL Figure 14 (Sheet 14 of 15)

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
14-											
-1A	173A2001-1									A	RF
-1B	173A2001-2									A	RF
-1C	173A2001-2									B-F	RF
-1D	173A2001-3									G	RF
-1E	173A2001-4									H-J	RF
-1F	173A2001-5									L	RF
5	HL1012AZ6-3										24
10	HL1012AZ6-4										2

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
14- 90	HL1012AZ6-3		.	BOLT							9
				(V97928)							
				(SPEC BACB30NX6K3)							
				(OPT HL12VAZ6-3 (V73197))							
				(OPT HL12VAZ6-3 (V92215))							
				(OPT HL12VAZ6-3 (V97928))							
				(OPT L802-6K3 (V06725))							
				(OPT HL12VAZ6-3 (V56878))							
				(OPT HL1012AZ6-3 (V0PTK6))							
				(OPT HL1012AZ6-3 (V06725))							
				(OPT HL1012AZ6-3 (V06950))							
				(OPT HL1012AZ6-3 (V17446))							
				(OPT HL1012AZ6-3 (V56878))							
				(OPT HL1012AZ6-3 (V60516))							
				(OPT HL1012AZ6-3 (V73197))							
95	HL97DU6		.	COLLAR							9
				(V73197)							
				(SPEC BACC30AB6S)							
				(OPT HL97DU6 (V56878))							
				(OPT HL97DU6 (V5M902))							
100	173A2101-1		.	RIB POST							1
105	HL1012AZ6-4		.	BOLT							15
				(V97928)							
				(SPEC BACB30NX6K4)							
				(OPT HL12VAZ6-4 (V73197))							
				(OPT HL12VAZ6-4 (V92215))							
				(OPT HL12VAZ6-4 (V97928))							
				(OPT L802-6K4 (V06725))							
				(OPT HL12VAZ6-4 (V56878))							
				(OPT HL1012AZ6-4 (V0PTK6))							
				(OPT HL1012AZ6-4 (V06725))							
				(OPT HL1012AZ6-4 (V06950))							
				(OPT HL1012AZ6-4 (V17446))							
				(OPT HL1012AZ6-4 (V56878))							
				(OPT HL1012AZ6-4 (V60516))							
				(OPT HL1012AZ6-4 (V73197))							

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
14-											
110	HL1012AZ6-5		.	BOLT							14
				(V97928)							
				(SPEC BACB30NX6K5)							
				(OPT HL12VAZ6-5 (V73197))							
				(OPT HL12VAZ6-5 (V92215))							
				(OPT HL12VAZ6-5 (V97928))							
				(OPT L802-6K5 (V06725))							
				(OPT HL12VAZ6-5 (V56878))							
				(OPT HL1012AZ6-5 (V0PTK6))							
				(OPT HL1012AZ6-5 (V06725))							
				(OPT HL1012AZ6-5 (V06950))							
				(OPT HL1012AZ6-5 (V17446))							
				(OPT HL1012AZ6-5 (V56878))							
				(OPT HL1012AZ6-5 (V60516))							
				(OPT HL1012AZ6-5 (V73197))							
115	HL97DU6		.	COLLAR							29
				(V73197)							
				(SPEC BACC30AB6S)							
				(OPT HL97DU6 (V56878))							
				(OPT HL97DU6 (V5M902))							
120	173A2101-8		.	STIFFENER							1
125	173A2101-9		.	STIFFENER							1
130	173A2101-10		.	STIFFENER							1
135	173A2101-11		.	STIFFENER							1
140	HL1012AZ8-7		.	BOLT							2
				(V0PTK6)							
				(SPEC BACB30NX8K7)							
				(OPT HL12VAZ8-7 (V73197))							
				(OPT HL12VAZ8-7 (V92215))							
				(OPT HL12VAZ8-7 (V97928))							
				(OPT L802-8K7 (V06725))							
				(OPT HL12VAZ8-7 (V56878))							
				(OPT HL1012AZ8-7 (V06725))							
				(OPT HL1012AZ8-7 (V06950))							
				(OPT HL1012AZ8-7 (V17446))							
				(OPT HL1012AZ8-7 (V56878))							
				(OPT HL1012AZ8-7 (V60516))							
				(OPT HL1012AZ8-7 (V73197))							
				(OPT HL1012AZ8-7 (V97928))							

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
14- 145	HL523AZ8-7		.	BOLT							1
				(V56878)							
				(SPEC BACB30NZ8K7)							
				(OPT L804-8K7 (V06725))							
				(OPT HL523AZ8-7 (V92215))							
				(OPT HL523AZ8-7 (V73197))							
				(OPT HL523AZ8-7 (V97928))							
				(OPT HL523AZ8-7 (V0PTK6))							
				(OPT HL523AZ8-7 (V60516))							
				(OPT HL523AZ8-7 (V06725))							
150	HL1012AZ6-7		.	BOLT							2
				(V97928)							
				(SPEC BACB30NX6K7)							
				(OPT HL12VAZ6-7 (V73197))							
				(OPT HL12VAZ6-7 (V92215))							
				(OPT HL12VAZ6-7 (V97928))							
				(OPT L802-6K7 (V06725))							
				(OPT HL12VAZ6-7 (V56878))							
				(OPT HL1012AZ6-7 (V0PTK6))							
				(OPT HL1012AZ6-7 (V06725))							
				(OPT HL1012AZ6-7 (V06950))							
				(OPT HL1012AZ6-7 (V17446))							
				(OPT HL1012AZ6-7 (V56878))							
				(OPT HL1012AZ6-7 (V60516))							
				(OPT HL1012AZ6-7 (V73197))							
155	HL1012AZ6-6		.	BOLT							7
				(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))							
160	HL97DU8		.	COLLAR							3
				(V73197)							
				(SPEC BACC30AB8S)							
				(OPT HL97DU8 (V56878))							
				(OPT HL97DU8 (V5M902))							

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
14-											
165	HL97DU6		.								9
170	173A2101-2		.								1
175	173A2101-5		.								1
180	173A2101-6		.								1
185	HL1012AZ6-3		.								9
190	HL97DU6		.								9
195	173A3102-1		.						A-K		1
-195A	173A3102-1		.						L		1
-195B	173A3102-2		.						L		1
200	BACS40V008F009		.								2

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
14- 205	HL1012AZ6-4		.	BOLT							32
				(V97928)							
				(SPEC BACB30NX6K4)							
				(OPT HL12VAZ6-4 (V73197))							
				(OPT HL12VAZ6-4 (V92215))							
				(OPT HL12VAZ6-4 (V97928))							
				(OPT L802-6K4 (V06725))							
				(OPT HL12VAZ6-4 (V56878))							
				(OPT HL1012AZ6-4 (V0PTK6))							
				(OPT HL1012AZ6-4 (V06725))							
				(OPT HL1012AZ6-4 (V06950))							
				(OPT HL1012AZ6-4 (V17446))							
				(OPT HL1012AZ6-4 (V56878))							
				(OPT HL1012AZ6-4 (V60516))							
				(OPT HL1012AZ6-4 (V73197))							
210	HL1012AZ6-6		.	BOLT							6
				(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))							
215	HL97DU6		.	COLLAR							38
				(V73197)							
				(SPEC BACC30AB6S)							
				(OPT HL97DU6 (V56878))							
				(OPT HL97DU6 (V5M902))							
220	173A2200-1		.	FITTING ASSY-THRUST AND ACTR					A-F		1
-220A	173A2200-3		.	FITTING ASSY-THRUST AND ACTR					G-L		1
225	BACB28AT09B019C		.	BUSHING							2
230	BACB28AP06P034		.	BUSHING							1
235	BACB28AP16P055		.	BUSHING							1
240	BACB28AT22B066C		.	BUSHING							1
245	173A2221-5		.	NUT-JAM							1

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
14- 280	HL1012AZ6-8		. . . BOLT (V97928) (SPEC BACB30NX6K8) (OPT HL12VAZ6-8 (V73197)) (OPT HL12VAZ6-8 (V92215)) (OPT HL12VAZ6-8 (V97928)) (OPT L802-6K8 (V06725)) (OPT HL12VAZ6-8 (V56878)) (OPT HL1012AZ6-8 (V0PTK6)) (OPT HL1012AZ6-8 (V06725)) (OPT HL1012AZ6-8 (V06950)) (OPT HL1012AZ6-8 (V17446)) (OPT HL1012AZ6-8 (V56878)) (OPT HL1012AZ6-8 (V60516)) (OPT HL1012AZ6-8 (V73197))								1
285	HL1012AZ6-7		. . . BOLT (V97928) (SPEC BACB30NX6K7) (OPT HL12VAZ6-7 (V73197)) (OPT HL12VAZ6-7 (V92215)) (OPT HL12VAZ6-7 (V97928)) (OPT L802-6K7 (V06725)) (OPT HL12VAZ6-7 (V56878)) (OPT HL1012AZ6-7 (V0PTK6)) (OPT HL1012AZ6-7 (V06725)) (OPT HL1012AZ6-7 (V06950)) (OPT HL1012AZ6-7 (V17446)) (OPT HL1012AZ6-7 (V56878)) (OPT HL1012AZ6-7 (V60516)) (OPT HL1012AZ6-7 (V73197))								1
290	HL1012AZ6-5		. . . BOLT (V97928) (SPEC BACB30NX6K5) (OPT HL12VAZ6-5 (V73197)) (OPT HL12VAZ6-5 (V92215)) (OPT HL12VAZ6-5 (V97928)) (OPT L802-6K5 (V06725)) (OPT HL12VAZ6-5 (V56878)) (OPT HL1012AZ6-5 (V0PTK6)) (OPT HL1012AZ6-5 (V06725)) (OPT HL1012AZ6-5 (V06950)) (OPT HL1012AZ6-5 (V17446)) (OPT HL1012AZ6-5 (V56878)) (OPT HL1012AZ6-5 (V60516)) (OPT HL1012AZ6-5 (V73197))								3

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
14- 295	HL1012AZ6-4		. . .	BOLT							3
				(V97928)							
				(SPEC BACB30NX6K4)							
				(OPT HL12VAZ6-4 (V73197))							
				(OPT HL12VAZ6-4 (V92215))							
				(OPT HL12VAZ6-4 (V97928))							
				(OPT L802-6K4 (V06725))							
				(OPT HL12VAZ6-4 (V56878))							
				(OPT HL1012AZ6-4 (V0PTK6))							
				(OPT HL1012AZ6-4 (V06725))							
				(OPT HL1012AZ6-4 (V06950))							
				(OPT HL1012AZ6-4 (V17446))							
				(OPT HL1012AZ6-4 (V56878))							
				(OPT HL1012AZ6-4 (V60516))							
				(OPT HL1012AZ6-4 (V73197))							
300	HL97DU6		. . .	COLLAR							12
				(V73197)							
				(SPEC BACC30AB6S)							
				(OPT HL97DU6 (V56878))							
				(OPT HL97DU6 (V5M902))							
305	173A2220-1		. . .	FITTING							1
310	173A2220-3		. . .	FITTING					A-F		1
-310A	173A2220-7		. . .	FITTING					G-L		1
315	173A2220-5		. . .	FITTING					A-F		1
-315A	173A2220-9		. . .	FITTING					G-L		1
320	BACS40R015A016F		. . .	SHIM							1
325	BACS40R015A015F		. . .	SHIM							1
330	BACS40V011F036		.	SHIM							1
335	BACS40V010F054		.	SHIM							1
340	BACS40V012F065		.	SHIM							1
345	BACS40V010F016		.	SHIM							1
350	BACS40V010F041		.	SHIM							1
355	BACS40V010F060		.	SHIM							1

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
14-					
360	HL1012AZ6-4		. BOLT (V97928) (SPEC BACB30NX6K4) (OPT HL12VAZ6-4 (V73197)) (OPT HL12VAZ6-4 (V92215)) (OPT HL12VAZ6-4 (V97928)) (OPT L802-6K4 (V06725)) (OPT HL12VAZ6-4 (V56878)) (OPT HL1012AZ6-4 (V0PTK6)) (OPT HL1012AZ6-4 (V06725)) (OPT HL1012AZ6-4 (V06950)) (OPT HL1012AZ6-4 (V17446)) (OPT HL1012AZ6-4 (V56878)) (OPT HL1012AZ6-4 (V60516)) (OPT HL1012AZ6-4 (V73197))		42
365	HL97DU6		. COLLAR (V73197) (SPEC BACC30AB6S) (OPT HL97DU6 (V56878)) (OPT HL97DU6 (V5M902))		42
370	173A2208-1		. FITTING ASSY-STA 6.96		1
375	BACB28AT09B019C		. . BUSHING		1
380	BACB28AP06P019		. . BUSHING		1
385	173A2208-2		. . FITTING-HINGE		1
390	BACS40V010D037		. SHIM		1
395	BACS40V008D033		. SHIM		1
400	173A2202-1		. FITTING ASSY-STA 70.65		1
405	BACB28AT14B028C		. . BUSHING		1
410	BACB28AP10P026		. . BUSHING		1
415	173A2202-2		. . FITTING-ACTR		1
420	BACS40V010D042		. SHIM		2
425	173A2203-1		. FITTING ASSY-STA 74.80		1
430	BACB28AT09B018C		. . BUSHING		1
435	BACB28AP06P019		. . BUSHING		1
440	173A2203-2		. . FITTING-HINGE		1
445	BACS40V010D038		. SHIM		1
450	BACS40V008D034		. SHIM		1
455	173A2204-1		. FITTING ASSY-STA 129.74		1

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
14-											
460	BACB28AT09B021C		. .								1
465	BACB28AP06P021		. .								1
470	173A2204-2		. .								1
475	BACS40V008D034		. SHIM								1
480	BACS40V010D038		. SHIM								1
485	173A2205-1		. FITTING ASSY-STA 184.67								1
490	BACB28AT09B016C		. .								1
495	BACB28AP06P017		. .								1
500	173A2205-2		. .								1
505	BACS40V008F032		. SHIM								1
510	HL1012AZ6-3		. BOLT (V97928) (SPEC BACB30NX6K3) (OPT HL12VAZ6-3 (V73197)) (OPT HL12VAZ6-3 (V92215)) (OPT HL12VAZ6-3 (V97928)) (OPT L802-6K3 (V06725)) (OPT HL12VAZ6-3 (V56878)) (OPT HL1012AZ6-3 (V0PTK6)) (OPT HL1012AZ6-3 (V06725)) (OPT HL1012AZ6-3 (V06950)) (OPT HL1012AZ6-3 (V17446)) (OPT HL1012AZ6-3 (V56878)) (OPT HL1012AZ6-3 (V60516)) (OPT HL1012AZ6-3 (V73197))								8
515	HL1012AZ8-3		. BOLT (V0PTK6) (SPEC BACB30NX8K3) (OPT HL12VAZ8-3 (V73197)) (OPT HL12VAZ8-3 (V92215)) (OPT HL12VAZ8-3 (V97928)) (OPT L802-8K3 (V06725)) (OPT HL12VAZ8-3 (V56878)) (OPT HL1012AZ8-3 (V06725)) (OPT HL1012AZ8-3 (V06950)) (OPT HL1012AZ8-3 (V17446)) (OPT HL1012AZ8-3 (V56878)) (OPT HL1012AZ8-3 (V60516)) (OPT HL1012AZ8-3 (V73197)) (OPT HL1012AZ8-3 (V97928))								3

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
14-											
520	HL97DU6		.								8
525	HL97DU8		.								3
530	173A2206-1		.								1
535	BACB28AT09B014C		.	.							1
540	BACB28AP06P013		.	.							1
545	173A2206-2		.	.							1
550	BACS40V008F032		.								2
555	173A2209-1		.								1
560	173A2207-1		.								1
565	BACB28AT09B016C		.	.							1
570	BACB28AP06P017		.	.							1
575	173A2209-2		.	.							1
580	173A2207-2		.	.							1
585	BACS40V008F032		.								4
590	173A2100-1		.								1

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