



COMPONENT MAINTENANCE MANUAL WITH ILLUSTRATED PARTS LIST

OUTBOARD FLAP FOREFLAP ASSEMBLY

PART NUMBER

**65C35703-1SP, -24SP, -29SP, -2SP, -30SP, -39SP,
-40SP, -41SP, -42SP**

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COMPONENT MAINTENANCE MANUAL

Revision No. 8
Jul 01/2009

To: All holders of OUTBOARD FLAP FOREFLAP ASSEMBLY 57-53-34.

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

Description of Change

NO HIGHLIGHTS

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HIGHLIGHTS

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

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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

OUTBOARD FLAP FOREFLAP ASSEMBLY - DESCRIPTION AND OPERATION

1. Description and Operation

A. The outboard trailing edge foreflap includes sheet metal covered nose ribs, a spar, and a curved, machine tapered honeycomb trailing edge. The upper and lower surfaces are covered with clad aluminum alloy skins. Three support fitting extend through the lower surface to connect to three foreflap tracks in the mid flap. The outboard trailing edge foreflap assembly is one of three auxiliary wing surfaces which supplies added lift during takeoff and landing.

2. Leading Particulars (approximate)

- A. Length – 17 feet
- B. Width – 46 inches (retracted)
- C. Thickness – 15 inches
- D. Weight – 50 pounds

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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 outboard flap foreflap assembly.
- B. Disassemble this component only as necessary to complete fault isolation, determine the serviceability of parts, perform required repairs, and restore the unit to serviceable condition.
- C. Refer to IPL Figure 1 for item numbers.

2. Disassembly

- A. Use standard industry practices for disassembly of this component.

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DISASSEMBLY

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CLEANING

1. General

- A. This procedure has the data necessary to clean the outboard flap foreflap assembly.
- B. Refer to the Standard Overhaul Practices Manual (SOPM) for the SOPM subjects identified in this procedure.

2. Cleaning

A. References

Reference	Title
SOPM 20-30-03	GENERAL CLEANING PROCEDURES

B. Procedure

- (1) Clean all parts but the bearings by standard industry practices and the procedures in SOPM 20-30-03.

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CLEANING

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COMPONENT MAINTENANCE MANUAL

CHECK

1. General

- A. This procedure has the data necessary to find defects in the material of the specified parts.
- B. Refer to the Standard Overhaul Practices Manual (SOPM) for the SOPM subjects identified in this procedure.
- C. Refer to IPL Figure 1 for item numbers.

2. Check

A. References

Reference	Title
SOPM 20-20-01	MAGNETIC PARTICLE INSPECTION
SOPM 20-20-02	PENETRANT METHODS OF INSPECTION
737 NDT Part 1, 51-05-01	Tap Test Inspection of Honeycomb Sandwich Structure
737 NDT Part 2, 51-00-01	Water Detection in Honeycomb Structure
737 NDT Part 4, 51-00-02	Full Depth Honeycomb and Laminate Structure Inspection
737 NDT Part 9, 51-00-01	Non-Destructive Testing

B. Procedure

- (1) Examine all parts for defects by standard industry practices. Do the magnetic particle check or penetrant check only if the visual check finds possible defects or you think there are defects on the parts listed.
- (2) Magnetic particle check per SOPM 20-20-01 – Fitting (105, 110), failsafe plate (340, 625), hinge fitting (642), track fitting (250, 535, 820), bolt (895), stop (920, 925).
- (3) Penetrant check per SOPM 20-20-02 – Stop (920A, 925A), rib (205, 210, 395, 400, 490, 495, 670, 675, 765, 770, 930, 935).
- (4) Examine honeycomb and bonded parts for delamination, internal water, scratches and contour defects.
 - (a) If you find or think there is delamination or impact damage, do an ultrasonic inspection to find all of the damage. Refer to the 737 NDT Part 4, 51-00-02 or 737 NDT Part 1, 51-05-01.

NOTE: For the tap test, use a solid metal disk and tap the surface area lightly but firmly. A dull sound indicates a void area. A sharp ringing sound indicates a solid bonded area. Refer to the 737 NDT Part 1, 51-05-01.
 - (b) For areas that you suspect contain water, examine them radiographically as specified in the 737 NDT Part 2, 51-00-01, or by thermography as specified in the 737 NDT Part 9, 51-00-01.
 - (c) Examine the edges of the panel carefully for cuts and abrasions. Delamination starts very easily from damage to an exposed edge of a honeycomb panel.
- (5) Refer to 737-300 Structural Repair Manual 57-53 for allowable damage data and repairs.

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CHECK

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REPAIR

1. Content

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

Table 601:

P/N	NAME	REPAIR
–	REFINISH OF OTHER PARTS	1-1
65C33897	STOP ASSY	2-1
69-62750	STOP ASSY	2-1
65C35713	EXH GATE ACT FITTING ASSY	3-1
65C35718	TRACK FITTING ASSY	4-1
65C35719	TRACK FITTING ASSY	4-1
65C35720	TRACK FITTING ASSY	4-1
65C35723	HINGE FITTING ASSY	5-1

2. Standard Practices

- A. Refer to the following standard practices, as applicable, for details of procedures in individual repairs.
- SOPM 20-30-02 Stripping of Protective Finishes
 - SOPM 20-30-03 General Cleaning Procedures
 - SOPM 20-41-01 Decoding of Boeing Finish Codes
 - SOPM 20-60-02 Finishing Materials
 - SOPM 20-60-04 Miscellaneous materials

3. Materials

NOTE: Equivalent substitutes can be used.

- A. Enamel – coating, C00700 BMS 10-60, color gray gloss
- B. Primer – primer, C00259 BMS 10-11, Type 1
- C. Primer – primer, C00175 BMS 10-79, Type 3
- D. Sealant – sealant, A00247 BMS 5-95
- E. Corrosion Preventive Compound – compound, C00528 MIL-C-11796, Class 3 (SOPM 20-60-02)

4. Dimensioning Symbols

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

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REPAIR - GENERAL

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—	STRAIGHTNESS	∅	DIAMETER
▭	FLATNESS	S ∅	SPHERICAL DIAMETER
⊥	PERPENDICULARITY (OR SQUARENESS)	R	RADIUS
//	PARALLELISM	SR	SPHERICAL RADIUS
○	ROUNDNESS	()	REFERENCE
⊘	CYLINDRICITY	BASIC	A THEORETICALLY EXACT DIMENSION USED
⌒	PROFILE OF A LINE	(BSC)	TO DESCRIBE SIZE, SHAPE OR LOCATION OF
⌒	PROFILE OF A SURFACE	OR	A FEATURE. FROM THIS FEATURE PERMISSIBLE
◎	CONCENTRICITY	DIM	VARIATIONS ARE ESTABLISHED BY TOLERANCES ON OTHER DIMENSIONS OR
≡	SYMMETRY		NOTES.
∠	ANGULARITY	-A-	DATUM
↗	RUNOUT	Ⓜ	MAXIMUM MATERIAL CONDITION (MMC)
↗	TOTAL RUNOUT	Ⓛ	LEAST MATERIAL CONDITION (LMC)
⊔	COUNTERBORE OR SPOTFACE	Ⓢ	REGARDLESS OF FEATURE SIZE (RFS)
∇	COUNTERSINK	Ⓟ	PROJECTED TOLERANCE ZONE
⊕	THEORETICAL EXACT POSITION OF A FEATURE (TRUE POSITION)	FIM	FULL INDICATOR MOVEMENT

EXAMPLES

$\boxed{\text{—}} \boxed{0.002}$	STRAIGHT WITHIN 0.002	$\boxed{\text{◎}} \boxed{\text{∅}} \boxed{0.0005} \boxed{C}$	CONCENTRIC TO DATUM C WITHIN 0.0005 DIAMETER
$\boxed{\text{⊥}} \boxed{0.002} \boxed{B}$	PERPENDICULAR TO DATUM B WITHIN 0.002	$\boxed{\text{≡}} \boxed{0.010} \boxed{A}$	SYMMETRICAL WITH DATUM A WITHIN 0.010
$\boxed{\text{//}} \boxed{0.002} \boxed{A}$	PARALLEL TO DATUM A WITHIN 0.002	$\boxed{\text{∠}} \boxed{0.005} \boxed{A}$	ANGULAR TOLERANCE 0.005 WITH DATUM A
$\boxed{\text{○}} \boxed{0.002}$	ROUND WITHIN 0.002	$\boxed{\text{⊕}} \boxed{\text{∅}} \boxed{0.002} \boxed{\text{Ⓢ}} \boxed{B}$	LOCATED AT TRUE POSITION WITHIN 0.002 DIA RELATIVE TO DATUM B, REGARDLESS OF FEATURE SIZE
$\boxed{\text{⊘}} \boxed{0.010}$	CYLINDRICAL SURFACE MUST LIE BETWEEN TWO CONCENTRIC CYLINDERS, ONE OF WHICH HAS A RADIUS 0.010 INCH GREATER THAN THE OTHER	$\boxed{\text{⊥}} \boxed{\text{∅}} \boxed{0.010} \boxed{\text{Ⓜ}} \boxed{A}$	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
$\boxed{\text{⌒}} \boxed{0.006} \boxed{A}$	EACH LINE ELEMENT OF THE SURFACE AT ANY CROSS SECTION MUST LIE BETWEEN TWO PROFILE BOUNDARIES 0.006 INCH APART RELATIVE TO DATUM A	$\boxed{0.510} \boxed{\text{Ⓟ}}$	
$\boxed{\text{⌒}} \boxed{0.020} \boxed{A}$	SURFACES MUST LIE WITHIN PARALLEL BOUNDARIES 0.020 INCH APART AND EQUALLY DISPOSED ABOUT TRUE PROFILE	$\boxed{2.000}$	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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MISCELLANEOUS PARTS REFINISH - REPAIR 1-1

1. General

- A. This procedure has the data necessary to refinish the parts, which are not given in the specific repairs.
- B. Refer to REPAIR-GENERAL, Paragraph 2. for the Standard Overhaul Practices Manual (SOPM) subjects identified in this procedure.
- C. Refer to REPAIR-GENERAL, Paragraph 3. for the description of the consumable codes identified in this procedure.
- D. Refer to IPL Figure 1 for the item numbers.

2. Refinish details

- A. Procedure

NOTE: Repair of these parts is only replacement of the original finish. Refer to REPAIR 1-1, Table 601 for refinish details.

Table 601: Refinish Details

IPL FIG. & ITEM	MATERIAL	FINISH
Fig. 1		
Retainer (40,45, 60,65)	Al alloy	Chromic acid anodize (F-17.19) and apply primer, C00259 (F-20.02).
Failsafe Plate (625)	15-5PH CRES HT TR 180-200 ksi	Cadmium plate (F-15.06) and apply primer, C00175 (F-19.47).
Outboard Flap Foreflap Assembly (1A,5)		Finish as shown in REPAIR 1-1, Figure 601 except on identification plate. Mask all bearings and bushings.

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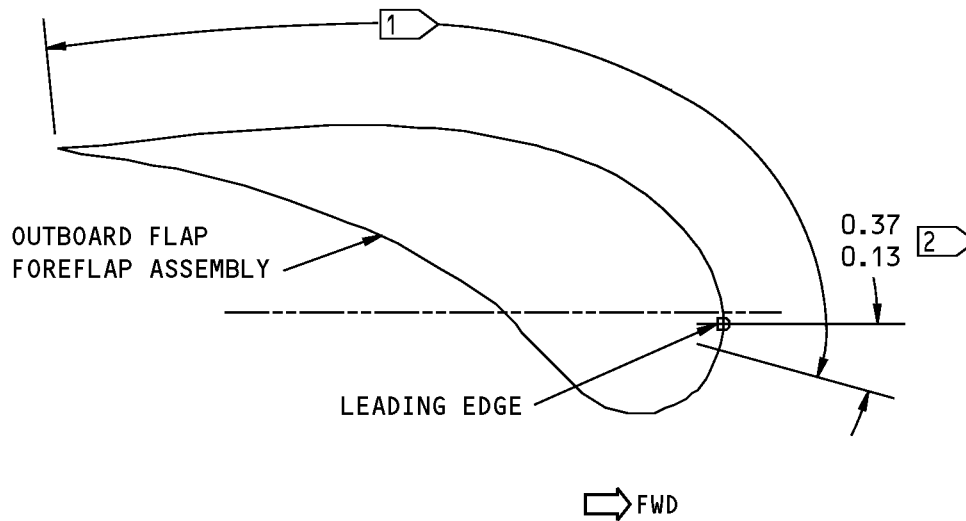
REPAIR 1-1

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1 ALONG THE FULL SPAN OF THE UPPER SURFACE, APPLY BMS 10-79, TYPE 2 PRIMER (F-19.46). APPLY BMS 10-86, TYPE 1 ABRASION RESISTANT TEFLON COATING (F-14.9624)

ALL DIMENSIONS ARE IN INCHES

2 TRUE DIMENSION

Outboard Flap Foreflap Assembly Refinish Details
Figure 601

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REPAIR 1-1

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STOP ASSEMBLY - REPAIR 2-1

69-62750-5, -6, 65C33897-1, -2

1. General

- A. This procedure has the data necessary to repair the stop assembly.
- B. Refer to REPAIR-GENERAL, Paragraph 2. for the Standard Overhaul Practices Manual (SOPM) subjects identified in this procedure.
- C. Refer to REPAIR-GENERAL, Paragraph 3. for the description of the consumable codes identified in this procedure.
- D. Refer to IPL Figure 1 for the item numbers.

2. Bearing Replacement (915, 915A, IPL Figure 1)

- A. Remove bolt (895), washer (900, 905) and nut (910) and the bearing (915).
- B. Apply compound, C00528 (F-19.11) to bolt (895). Then install a replacement bearing with bolt (895), washer (900, 905) and nut (910).

3. Refinish

- A. Stop (920, 925) – Cadmium plate and apply primer, C00259 (F-16.01). Apply enamel coating, C00700 (SRF-14.9813). Material: 15-5PH CRES HT TR 170 KSI MINIMUM
- B. Stop (920A, 925A) – Chemical treat or chromic acid anodize and apply primer, C00259 (F-18.05). Apply enamel coating, C00700 (SRF-14.9813), except no enamel coating, C00700 in holes. Material: Al alloy.
- C. Stop assembly (885A, 890A) – Assemble with wet primer, C00259 (F-20.06).

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REPAIR 2-1

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EXHAUST GATE ACTUATOR FITTING ASSY - REPAIR 3-1

65C35713-1, -2, -5, -6

1. General

- A. This procedure has the data necessary to repair the exhaust gate actuator fitting assembly.
- B. Refer to REPAIR-GENERAL, Paragraph 2. for the Standard Overhaul Practices Manual (SOPM) subjects identified in this procedure.
- C. Refer to REPAIR-GENERAL, Paragraph 3. for the description of the consumable codes identified in this procedure.
- D. Refer to the REPAIR-GENERAL, Figure 601 for the Standard True Position Dimensioning Symbols shown in the repair.
- E. Refer to IPL Figure 1 for the item numbers.

2. Bushing replacement (95, 100, REPAIR 3-1, Figure 601)

- A. Remove the bushings from the fitting (105).
- B. Install the bushings (95, 100) into the fitting (105) with sealant, A00247 as shown in SOPM 20-50-03.
- C. Machine the inside diameter of the bushing (95, 100) to the dimensions shown in REPAIR 3-1, Figure 601.

3. Refinish

- A. Exhaust Gate Actuator Fitting (105) – Cadmium plate and apply primer, C00259 (F-16.01) all over, except no primer, C00259 in bushing holes. Material: 15-5PH CRES, HT TR 180-200 KSI.

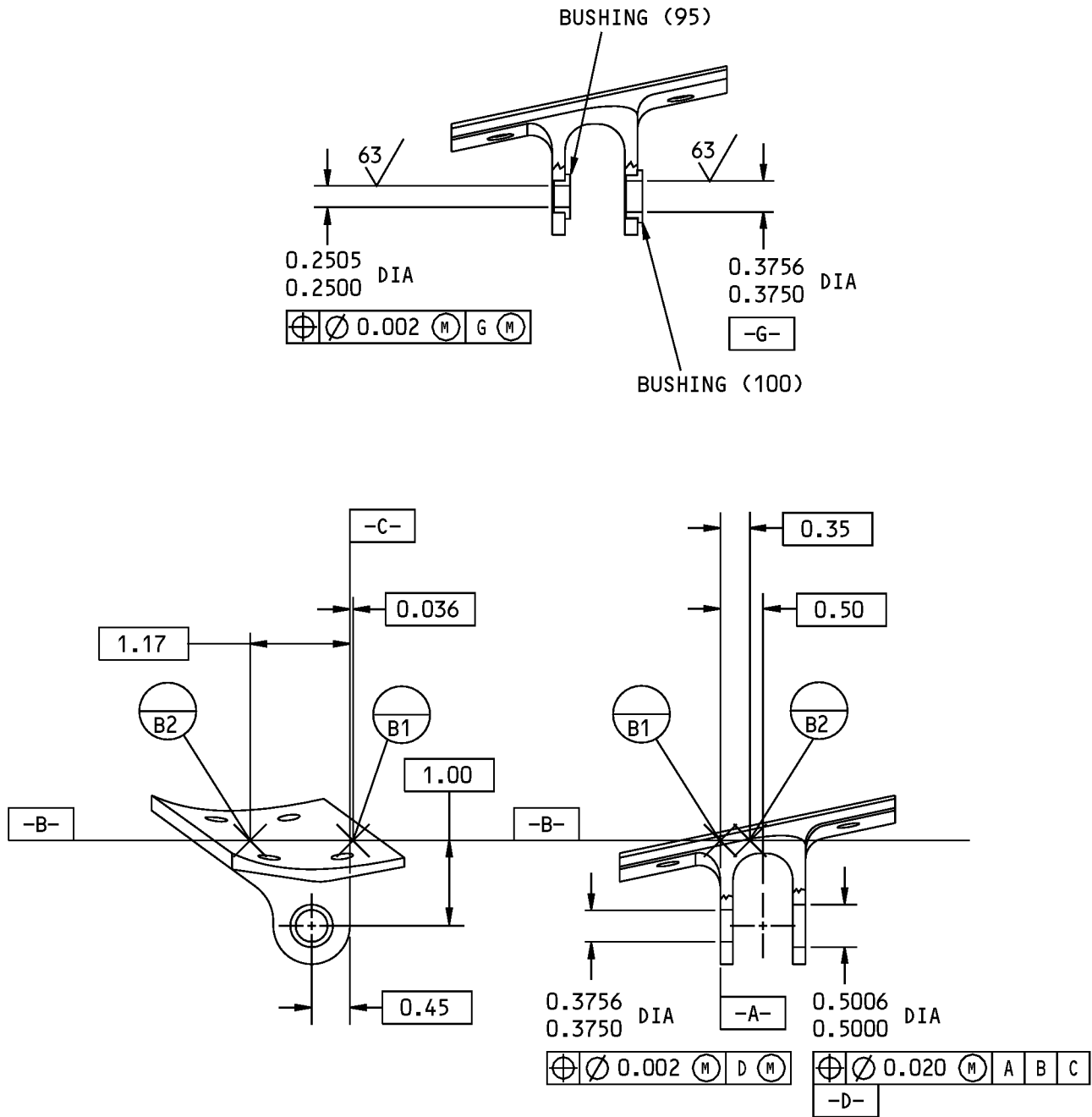
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REPAIR 3-1

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BUSHINGS (95,100) OMITTED FOR CLARITY

ITEM NUMBERS REFER TO IPL FIG. 1

ALL DIMENSIONS ARE IN INCHES

65C35713-1,-2,-5,-6 Exhaust Gate Actuator Fitting Assembly
Figure 601

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REPAIR 3-1

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TRACK FITTING ASSEMBLY - REPAIR 4-1

65C35718-1, 65C35719-1, 65C35720-1

1. General

- A. This procedure has the data necessary to repair the track fitting assembly.
- B. Refer to REPAIR-GENERAL, Paragraph 2. for the Standard Overhaul Practices Manual (SOPM) subjects identified in this procedure.
- C. Refer to REPAIR-GENERAL, Paragraph 3. for the description of the consumable codes identified in this procedure.
- D. Refer to the REPAIR-GENERAL, Figure 601 for the Standard True Position Dimensioning Symbols shown in the repair.
- E. Refer to IPL Figure 1 for the item numbers.

2. Bearing replacement (245, 530, 815 REPAIR 4-1, Figure 601)

- A. Remove the bearing as specified in SOPM 20-50-03.
- B. Install the bearing into the track fitting with sealant, A00247 and roller swage as shown in SOPM 20-50-03 and REPAIR 4-1, Figure 601.
- C. Track Fitting (250, 535, 820) – Cadmium plate (F-15.06). Apply primer, C00175 (F-19.47) all over, except in bearing holes. Material: 15-5PH CRES, HT TR 180-200 KSI.

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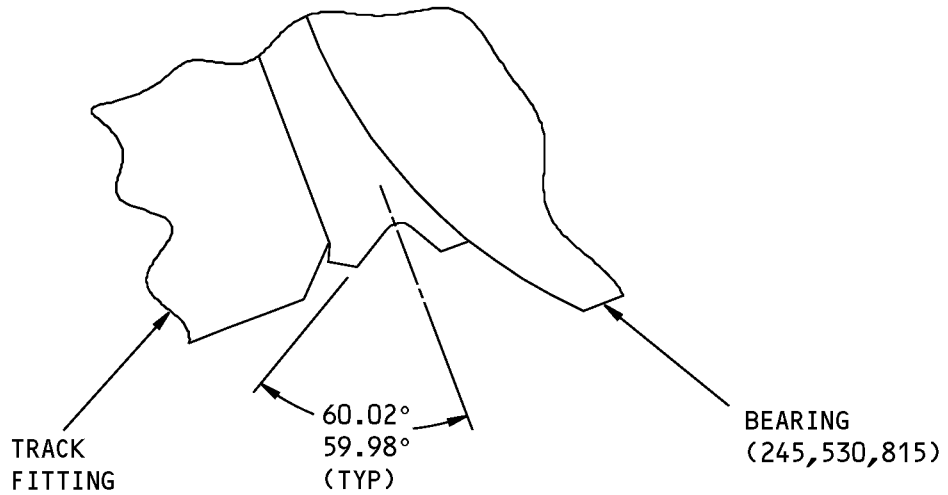
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BEARING ROLLER SWAGING REQUIREMENT

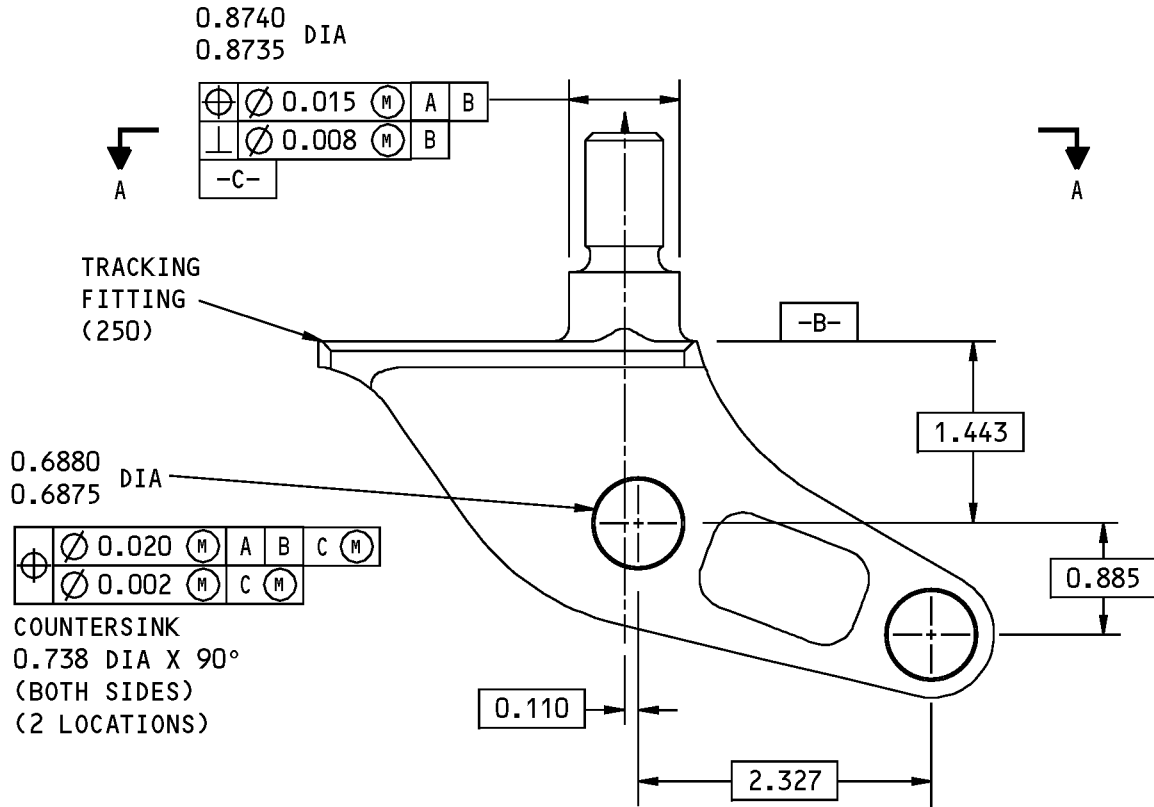
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65C35720-1

Track Fitting Assembly Repair
Figure 601 (Sheet 1 of 4)

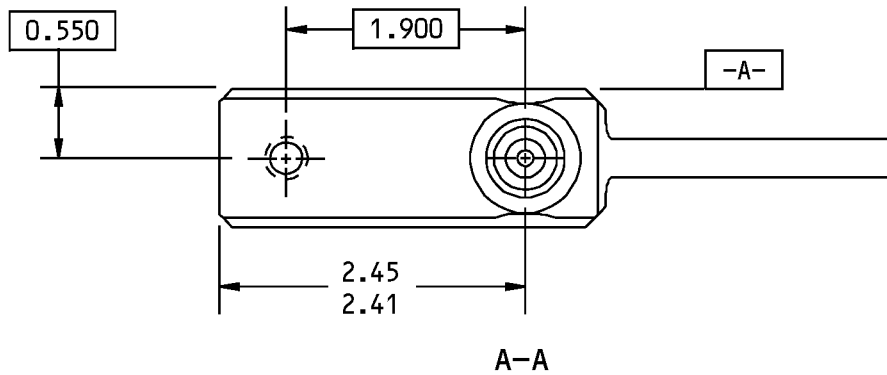
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65C35718-1
BEARINGS (245) OMITTED FOR CLARITY

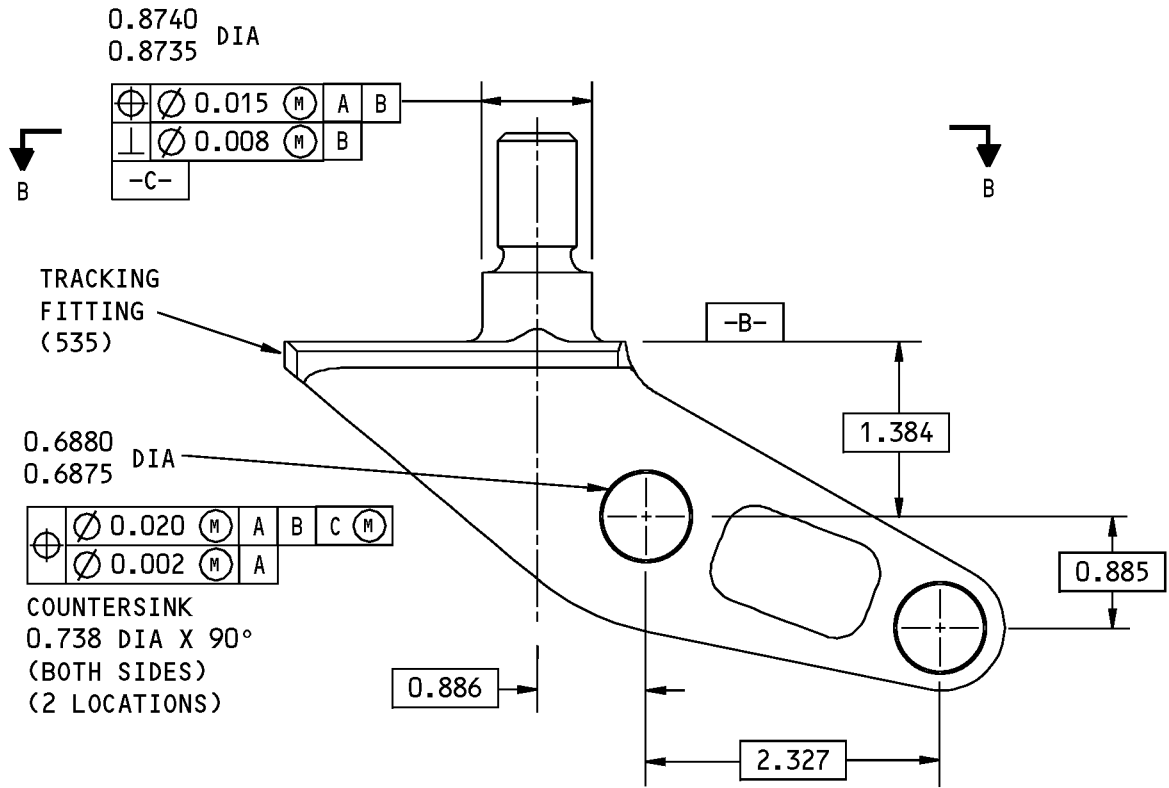


Track Fitting Assembly Repair
Figure 601 (Sheet 2 of 4)

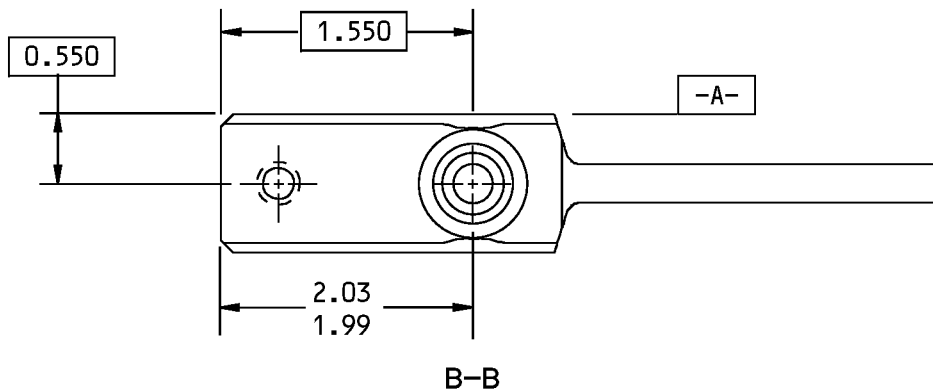
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COMPONENT MAINTENANCE MANUAL



65C35719-1
BEARINGS (530) OMITTED FOR CLARITY



Track Fitting Assembly Repair
Figure 601 (Sheet 3 of 4)

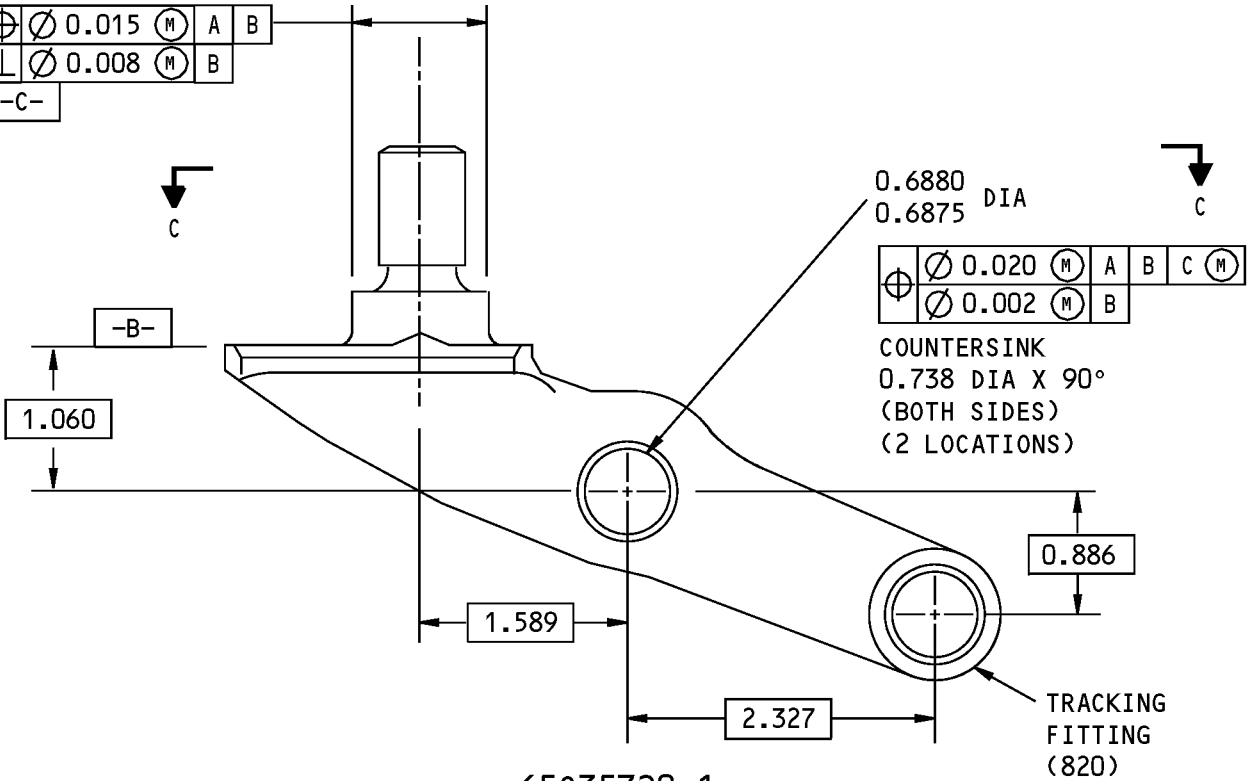
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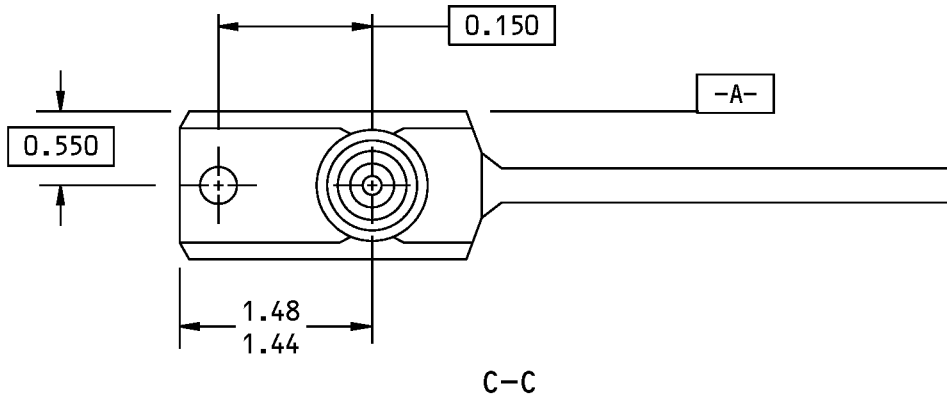
COMPONENT MAINTENANCE MANUAL

0.8740
0.8735 DIA

\oplus	\oslash	0.015	(M)	A	B
\perp	\oslash	0.008	(M)	B	
-C-					



65C35720-1
BEARINGS (815) OMITTED FOR CLARITY



Track Fitting Assembly Repair
Figure 601 (Sheet 4 of 4)

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COMPONENT MAINTENANCE MANUAL

HINGE FITTING ASSEMBLY - REPAIR 5-1

65C35723-1

1. General

- A. This procedure has the data necessary to repair the hinge fitting assembly.
- B. Refer to REPAIR-GENERAL, Paragraph 2. for the Standard Overhaul Practices Manual (SOPM) subjects identified in this procedure.
- C. Refer to REPAIR-GENERAL, Paragraph 3. for the description of the consumable codes identified in this procedure.
- D. Refer to the REPAIR-GENERAL, Figure 601 for the Standard True Position Dimensioning Symbols shown in the repair.
- E. Refer to IPL Figure 1 for the item numbers.

2. Bushing Replacement (360, 641, REPAIR 5-1, Figure 601)

- A. Remove the bushings from the hinge fitting (365, 642).
- B. Install the bushings (360, 641) into hinge fitting (365, 642) with sealant, A00247 as shown in SOPM 20-50-03.
- C. Machine the inside diameter of the bushing (360, 641) and the bushing flanges to the dimensions shown in REPAIR 5-1, Figure 601.

3. Refinish

- A. Hinge Fitting (365, 642) – Cadmium plate (F-15.06). Apply primer, C00175 (F-19.47), except in bushing holes and as noted in REPAIR 5-1, Figure 601. Material: 15-5PH CRES, HT TR 180-200 KSI.

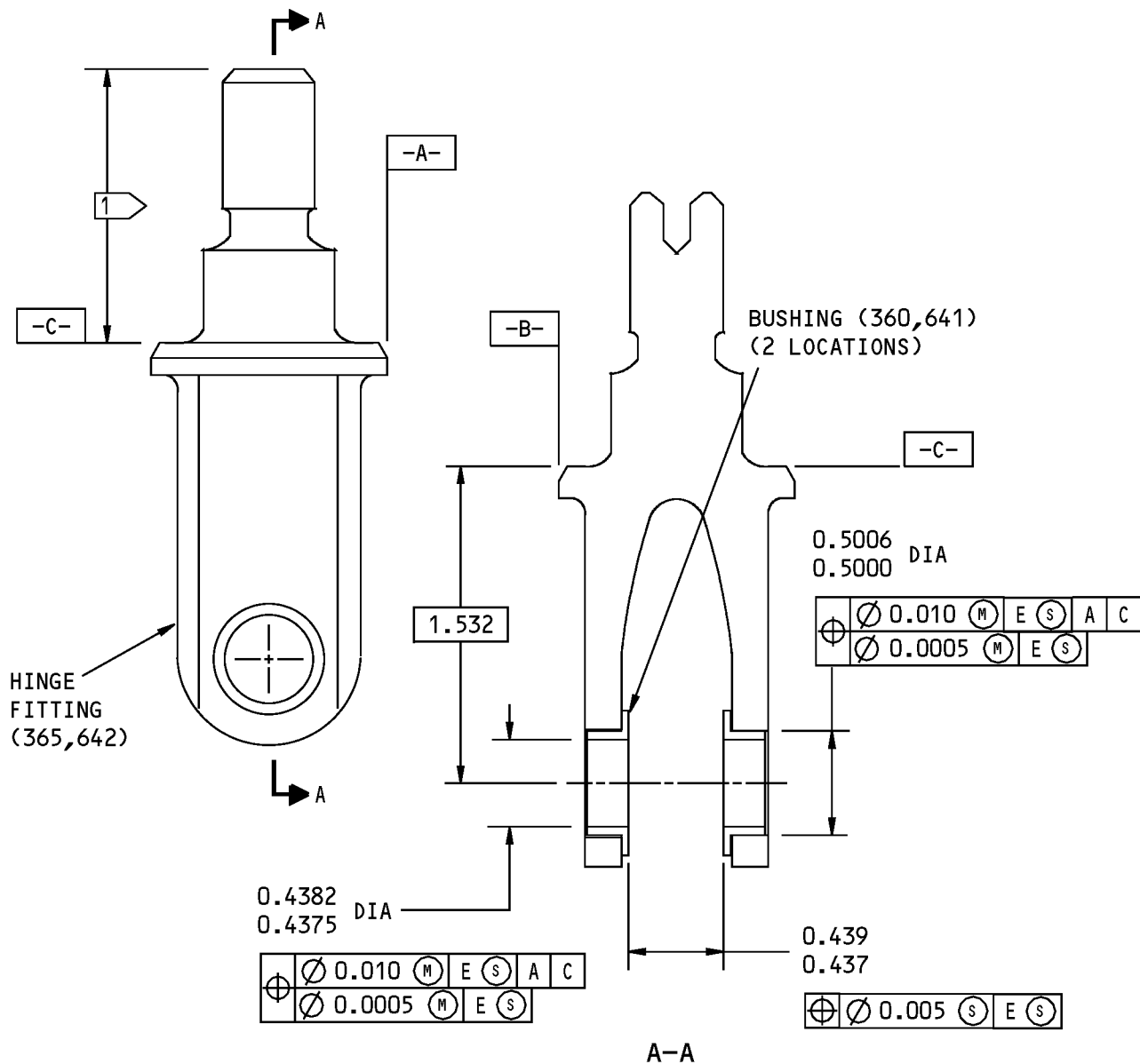
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REPAIR 5-1

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1 NO BMS 10-79 PRIMER IN THIS AREA

125/ ALL MACHINED SURFACES UNLESS SHOWN DIFFERENTLY

ITEM NUMBERS REFER TO IPL FIG. 1

ALL DIMENSIONS ARE IN INCHES

65C35723-1 Track Fitting Assembly Repair
Figure 601

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REPAIR 5-1
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ASSEMBLY

1. General

- A. This procedure has the necessary data to assemble the the outboard flap foreflap assembly.
- B. Refer to the Standard Overhaul Practices Manual (SOPM) for the SOPM subjects identified in this procedure.
- C. Refer to IPL Figure 1 for item numbers.

2. Assembly (IPL Figure 1)

A. Consumable Materials

NOTE: Equivalent substitutes may be used.

Reference	Description	Specification
A00247	Sealant - Pressure And Environmental - Chromate Type	BMS 5-95
C00259	Primer - Chemical And Solvent Resistant Finish, Epoxy Resin	BMS10-11, Type I

B. References

Reference	Title
SOPM 20-50-01	BOLT AND NUT INSTALLATION
SOPM 20-50-19	GENERAL SEALING
SOPM 20-60-02	FINISHING MATERIALS
SOPM 20-60-03	LUBRICANTS
SOPM 20-60-04	MISCELLANEOUS MATERIALS

C. Procedure

NOTE: For bolt and nut installation, refer to SOPM 20-50-01. For finishing materials, refer to SOPM 20-60-02. For lubricants, refer to SOPM 20-60-03. For miscellaneous materials, refer to SOPM 20-60-04.

- (1) Use standard industry practices for the assembly of this component and the following procedures:
- (2) Install bolt (895), bearing (915), washer (900), washer (905), and nut (910) to the stop (920). Torque nut (910) to 75-100 pound-inches.
- (3) Install the track fitting assembly (810) as follows:
 - (a) Install track fitting assembly (810) to the attach rib assembly (750) with sealant, A00247 applied to all surfaces common to the attach rib.
 - 1) Install bolt (775), shim (795), retainer (800), filler (782) and nut (780).
 - a) Use shim (795) by removing 0.003 inch laminations if and as required.
 - b) After proper fit up, install shim (795) with primer, C00259.
 - c) Optional shim for shim (795).

< 1 > Make shim from solid stock aluminum alloy, 2024-T3 or T4.

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ASSEMBLY

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- < 2 > After proper fit up, chemical treat or chromic acid anodize and apply primer, C00259 (F-18.05).
- d) Maximum allowable unshimmed gap at fastener pull up to equal 0.004 inch.
- 2) Install washer (790) and nut (785) onto the track fitting assembly (810). Torque the nut (785) to 1500-1800 pound-inches.
- (4) Install the hinge fitting assembly (640) as follows:
- (a) Install the hinge fitting assembly (640) and the failsafe plate (625) onto the rib assembly (655) with wet sealant, A00247 applied to all parts common to the rib assembly (655) as specified in SOPM 20-50-19.
 - (b) Install washer (635) and nut (630) onto the hinge fitting assembly (640). Torque the nut (630) to 400-500 pound-inches.
 - (c) Install bolts (620) to nutplates (650).
- (5) Install the track fitting assembly (525) as follows:
- (a) Install the track fitting assembly (525) to the attach rib assembly (475) with sealant, A00247 applied to all surfaces common to the attach rib as specified in SOPM 20-50-19.
 - 1) Install bolt (500), washer (505), and nut (510).
 - 2) Install washer (520) and nut (515) onto the track fitting assembly (525). Torque nut (515) to 1500-1800 pound-inches.
- (6) Install the hinge fitting assembly (355) as follows:
- (a) Install the hinge fitting assembly (355) and the failsafe plate (340) onto the rib assembly (380) with wet sealant, A00247 applied to all parts common to the rib assembly (380) as specified in SOPM 20-50-19.
 - (b) Install the washer (345) and nut (350) onto the hinge fitting assembly (355). Torque the nut (350) to 400-500 pound-inches.
 - (c) Install bolts (335) to nutplates (375).
- (7) Install the track fitting assembly (240) as follows:
- (a) Install the track fitting assembly (240) to the attach rib assembly (190) with sealant, A00247 applied to all surfaces common to the attach rib as specified in SOPM 20-50-19.
 - 1) Install bolt (215), washer (220) and nut (225).
 - 2) Install washer (23) and nut (230) onto the track fitting assembly (240). Torque nut (230) to 1500-1800 pound-inches.
- (8) Install the fitting assembly (85) as follows:
- (a) Install the fitting assembly (85) to the foreflap assembly (1A) with sealant, A00247 applied to all surfaces common to the foreflap assembly as specified in SOPM 20-50-19.
 - 1) Install bolts (70), washers (75), and nuts (80).

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ASSEMBLY

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FITS AND CLEARANCES

REF IPL		NAME	TORQUE*	
FIG. NO.	ITEM NO.		POUND-INCHES	POUND-FEET
1	230,515,785	Nut	1500-1800	
1	350,630	Nut	400-500	
1	910	Nut	75-100	

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

Torque Table
Figure 801

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FITS AND CLEARANCES
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SPECIAL TOOLS, FIXTURES, AND EQUIPMENT

(NOT APPLICABLE)

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SPECIAL TOOLS, FIXTURES, AND EQUIPMENT

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

VENDOR CODES

Code	Name
06710	LAMSON AND SESSIONS CO THE VALLEY-TODECO 12975 BRADLEY AVENUE SYLMAR, CALIFORNIA 91342-3830 FORMERLY VALLEY BOLT CORP VB0097 IN NORTH HOLLYWOOD, CA
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
10630	ANILLO INDUSTRIES, INCORPORATED 2090 NORTH GLASSELL ORANGE, CALIFORNIA 92667 FORMERLY WESTERN WASHER DIV OF SENG CO V87487
11815	CHERRY AEROSPACE FASTENERS DIV OF TEXTRON 1224 EAST WARNER AVENUE PO BOX 2157 SANTA ANA, CALIFORNIA 92707-0157 FORMERLY IN LOS ANGELES, CALIF , FORMERLY CHERRY FASTENERS TOWNSEND DIV OF TEXTRON INC V71087

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Code	Name
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
27238	BRISTOL INDUSTRIES 630 EAST LAMBERT ROAD PO BOX 630 BREA, CALIFORNIA 92621-4119
50632	KAMATICS CORP SUB OF KAMAN CORP 1335 BLUE HILLS ROAD BLOOMFIELD, CONNECTICUT 06002-1304
52828	REPUBLIC FASTENER MFG CORP 1300 RANCHO CONEJO BLVD NEWBURY PARK, CALIFORNIA 91320-1405 FORMERLY IN SYLMAR, CALIFORNIA
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
55231	TRIBON BEARING COMPANY 6200 HILLCREST DR CLEVELAND, OHIO 44125 FORMERLY PURE CARBON COMPANY V80894
56878	SPS TECHNOLOGIES INC AEROSPACE AND INDUSTRIAL PRODUCTS DIV 301 HIGHLAND AVE JENKINTOWN, PENNSYLVANIA 19046 FORMERLY STANDARD PRESSED STEEL FORMERLY IN SALT LAKE, UTAH
62554	SIMMONDS MECAERO FASTENERS INC 1734 SEQUOIA AVENUE ORANGE, CALIFORNIA 92668

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Code	Name
72962	HARVARD INDUSTRIES INC 3 WERNER WAY SUITE 210 LEBANON, NEW JERSEY 08833 FORMERLY ESNA V7A079 FORMERLY ELASTIC STOP NUT IN UNION, NJ
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
97393	SHUR-LOK CORPORATION 2541 WHITE ROAD PO BOX 19584 IRVINE, CALIFORNIA 92623-9584 FORMERLY SHUR LOK CORP VB0060 FORMERLY IN SANTA ANA, CALIFORNIA 92714
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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NUMERICAL INDEX

PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
102F9201M3		1	30	10
		1	175	40
		1	310	38
		1	460	34
		1	595	30
		1	735	30
		1	807	1
		1	845	8
	102F9201M4		1	375
		1	650	2
		1	870	1
102LH9031-10		1	230	1
		1	515	1
		1	785	1
102LH9031-4		1	910	1
102LH9031-7		1	350	1
		1	630	1
102LH90314		1	910	1
102LH90317		1	350	1
		1	630	1
2552-02RET		1	130A	2
		1	265A	2
		1	415A	2
		1	550A	1
		1	690A	1
52LH6073-048		1	80	4
		1	150	4
		1	285	4
		1	435	4
		1	570	4
		1	710	4
53488N428		1	80	4
		1	150	4
		1	285	4

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
53488W428		1	435	4
		1	570	4
		1	710	4
		1	75	4
		1	145	4
		1	280	4
		1	430	4
		1	565	4
		1	705	4
6073-04		1	75	4
		1	145	4
		1	280	4
		1	430	4
		1	565	4
		1	705	4
65C33897-1		1	885	1
65C33897-2		1	890	1
65C33897-3		1	920	1
65C33897-4		1	925	1
65C35703-11		1	875	1
65C35703-12		1	880	1
65C35703-13		1	850	1
65C35703-14		1	855	1
65C35703-19		1	50	1
65C35703-1SP		1	1E	RF
65C35703-20		1	55	1
65C35703-24SP		1	5D	RF
65C35703-26		1	65	1
65C35703-28		1	45	1
65C35703-29SP		1	1F	RF
65C35703-2SP		1	5H	RF
65C35703-30SP		1	5E	RF
65C35703-39SP		1	1G	RF
65C35703-40SP		1	5F	RF
65C35703-41SP		1	1H	RF

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
65C35703-42SP		1	5G	RF
65C35703-5		1	60	1
65C35703-7		1	35	1
65C35703-9		1	40	1
65C35709-1		1	325	1
65C35709-2		1	330	1
65C35710-1		1	610	1
65C35710-2		1	615	1
65C35711-1		1	930	1
65C35711-2		1	935	1
65C35713-1		1	85	1
65C35713-2		1	90	1
65C35713-3		1	105	1
65C35713-4		1	110	1
65C35713-5		1	85A	1
65C35713-6		1	90A	1
65C35713-7		1	105A	1
65C35713-8		1	110A	1
65C35715-1		1	190	1
65C35715-2		1	195	1
65C35715-3		1	205	1
65C35715-4		1	210	1
65C35716-1		1	475	1
65C35716-2		1	480	1
65C35716-3		1	490	1
65C35716-4		1	495	1
65C35717-1		1	750	1
65C35717-2		1	755	1
65C35717-3		1	765	1
65C35717-4		1	770	1
65C35718-1		1	240	1
65C35718-2		1	250	1
65C35719-1		1	525	1
65C35719-2		1	535	1
65C35720-1		1	810	1

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
65C35720-2		1	820	1
65C35721-1		1	380	1
65C35721-2		1	385	1
65C35721-3		1	395	1
65C35721-4		1	400	1
65C35722-1		1	655	1
65C35722-2		1	660	1
65C35722-3		1	670	1
65C35722-4		1	675	1
65C35723-1		1	355	1
		1	640	1
65C35723-2		1	365	1
		1	642	1
65C35724-1		1	235	1
		1	520	1
		1	790	1
65C35724-2		1	345	1
		1	635	1
65C35725-1		1	340	1
65C35725-2		1	625	1
66-25179-1		1	895	1
678324CD		1	910	1
67832CD1018		1	230	1
		1	515	1
		1	785	1
67832CD4		1	910	1
67832CD428		1	910	1
67832CD7		1	350	1
		1	630	1
67832CD720		1	350	1
		1	630	1
69-62750-5		1	885A	1
69-62750-6		1	890A	1
69-62750-7		1	920A	1
69-62750-8		1	925A	1

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
69-78488-1		1	800	1
69-78488-2		1	805	1
AF5140-3C3		1	940	4
AF5141-3C		1	806A	2
AF5141-3C3		1	370A	4
		1	645J	2
AS46-4		1	75	4
		1	145	4
		1	280	4
		1	430	4
		1	565	4
		1	705	4
BACB28AP04-013		1	95	1
BACB28AP06P017		1	360	2
		1	641	2
BACB28AT06B013A		1	100	1
BACB28AW10A040C		1	390	1
		1	665	1
BACB28AW14A033C		1	760	1
BACB28AW14A045C		1	200	1
		1	485	1
BACB30MR4K11		1	775	1
BACB30MR4K13		1	215	1
		1	500	1
BACB30MR4K6		1	335	2
		1	620	2
BACB30NN4K10		1	420	2
		1	555	2
		1	700	2
BACB30NN4K11		1	270	2
BACB30NN4K12		1	135	2
BACB30NN4K13		1	140	2
		1	425	2
		1	560	2
BACB30NN4K14		1	275	2

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
BACB30NN4K6		1	860	1
BACB30NN4K9		1	695	2
BACB30NT4K7		1	70	4
BACB30VF3K10		1	440	4
		1	575	4
		1	720	4
BACB30VF3K11		1	290	4
BACB30VF3K12		1	155	4
BACB30VF3K13		1	160	4
		1	445	4
		1	580	4
BACB30VF3K14		1	295	4
BACB30VF3K4		1	15	8
		1	165	32
		1	300	30
		1	450	26
		1	585	22
		1	680	1
		1	725	22
		1	830	5
BACB30VF3K5		1	20	1
		1	120	1
		1	405	2
BACB30VF3K6		1	115	1
		1	835	1
BACB30VF3K7		1	10	1
BACB30VF3K8		1	255	2
		1	540	1
BACB30VF3K9		1	715	4
BACF3H06JF005HN		1	782	1
BACN10HR10CD		1	230	1
		1	515	1
		1	785	1
BACN10HR4CD		1	910	1
BACN10HR7CD		1	350	1

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
BACN10JN3CD		1	630	1
		1	30	10
		1	175	40
		1	310	38
		1	460	34
		1	595	30
		1	735	30
		1	807	1
		1	845	8
	BACN10JN4CD		1	375
		1	650	2
		1	870	1
BACN10MT4		1	80	4
		1	150	4
		1	285	4
		1	435	4
		1	570	4
		1	710	4
BACR15BA3AD		1	25	20
		1	170	80
		1	305	76
		1	370	4
		1	455	68
		1	590	60
		1	645	2
		1	730	60
		1	806	2
		1	840	16
		1	865	2
BACR15DR3AC		1	806A	2
BACR15DR3AC3		1	370A	4
		1	645J	2
BACR15DR3PAC3		1	940	4
BACS40R006A007F		1	795	1
BACS40R010F061F		1	745	1

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
BACS40R011F061F		1	185	1
		1	465	1
		1	470	1
BACS40R012F054F		1	600	1
BACS40R012F061F		1	740	1
BACS40R012F068F		1	320	1
		1	605	1
BACS40R013F061F		1	180	1
BACS40R014F056F		1	315	1
BACW10AU4		1	75	4
		1	145	4
		1	280	4
		1	430	4
		1	565	4
		1	705	4
BACW10BP4DP		1	220	1
		1	505	1
		1	905	1
BACW10P321S		1	900	1
BH003024CD		1	910	1
BH00303CM10		1	230	1
		1	515	1
		1	785	1
BH00303CM4		1	910	1
BH00303CM7		1	350	1
		1	630	1
BMN10HR4CD		1	910	1
BMN10HRCWD3-10		1	230	1
		1	515	1
		1	785	1
BMN10HRCWD3-7		1	350	1
		1	630	1
BMN5024CW34		1	910	1
BMN5024CWD3-4		1	910	1
BMN5024CWD37		1	350	1

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
BRFM20C3D		1	630	1
		1	30	10
		1	175	40
		1	310	38
		1	460	34
		1	595	30
		1	735	30
		1	807	1
		1	845	8
	BRFM20C4D		1	375
		1	650	2
		1	870	1
CCR264CS3-3IT		1	370A	4
		1	645J	2
CCR274CS3-3IT		1	940	4
CR59064CD		1	910	1
CR603010		1	230	1
		1	515	1
		1	785	1
CR60304		1	910	1
CR60307		1	350	1
		1	630	1
F2552-02		1	125A	2
		1	260A	2
		1	410A	2
		1	545A	1
		1	685A	1
H19700P4		1	80	4
		1	150	4
		1	285	4
		1	435	4
		1	570	4
		1	710	4
H51560		1	910	1
H51560-10		1	230	1

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
		1	515	1
		1	785	1
H51560-4		1	910	1
H51560-7		1	350	1
		1	630	1
H964CD		1	910	1
K19701P4		1	75	4
		1	145	4
		1	280	4
		1	430	4
		1	565	4
		1	705	4
KSC151706V		1	915	1
LA4190A		1	915A	1
MF51637-3		1	30	10
		1	175	40
		1	310	38
		1	460	34
		1	595	30
		1	735	30
		1	807	1
		1	845	8
MF51637-4		1	375	2
		1	650	2
		1	870	1
MF53050-3CD		1	30	10
		1	175	40
		1	310	38
		1	460	34
		1	595	30
		1	735	30
		1	807	1
		1	845	8
MF53050-4CD		1	375	2
		1	650	2

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
MS14103-5		1	870	1
		1	245	2
		1	530	2
		1	815	2
MS21140-0806P		1	861	1
MS21140-0809P		1	696	2
MS21140-0810P		1	421	2
		1	556	2
		1	701	2
MS21140-0811P		1	271	2
MS21140-0812P		1	136	2
MS21140-0813P		1	141	2
		1	426	2
		1	561	2
MS21140-0814P		1	276	2
MS27253-1		1	945	1
NAS1805-4L		1	225	1
		1	510	1
		1	780	1
NAS623-4-9		1	825	2
NS202487-02		1	30	10
		1	175	40
		1	310	38
		1	460	34
		1	595	30
		1	735	30
		1	807	1
		1	845	8
		1	375	2
		1	650	2
NS202487-048		1	870	1
		1	910	1
RMLH224CD		1	940	4
RV540A3C3		1	370A	4
RV541A3C3		1	645J	2

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
SL4123-3		1	125	2
		1	260	2
		1	410	2
		1	545	1
		1	685	1
SL7108C10		1	230	1
		1	515	1
		1	785	1
SL7108C4		1	910	1
SL7108C7		1	350	1
		1	630	1
SLR4123-3		1	130	2
		1	265	2
		1	415	2
		1	550	1
		1	690	1
T8301C428CD		1	375	2
		1	650	2
		1	870	1
TLN1020L4N		1	80	4
		1	150	4
		1	285	4
		1	435	4
		1	570	4
		1	710	4
TLN1020L4W		1	75	4
		1	145	4
		1	280	4
		1	430	4
		1	565	4
		1	705	4
VAL280094CD		1	910	1
VCU0005D10		1	230	1
		1	515	1
		1	785	1

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
VCU0005D4		1	910	1
VCU0005D7		1	350	1
		1	630	1

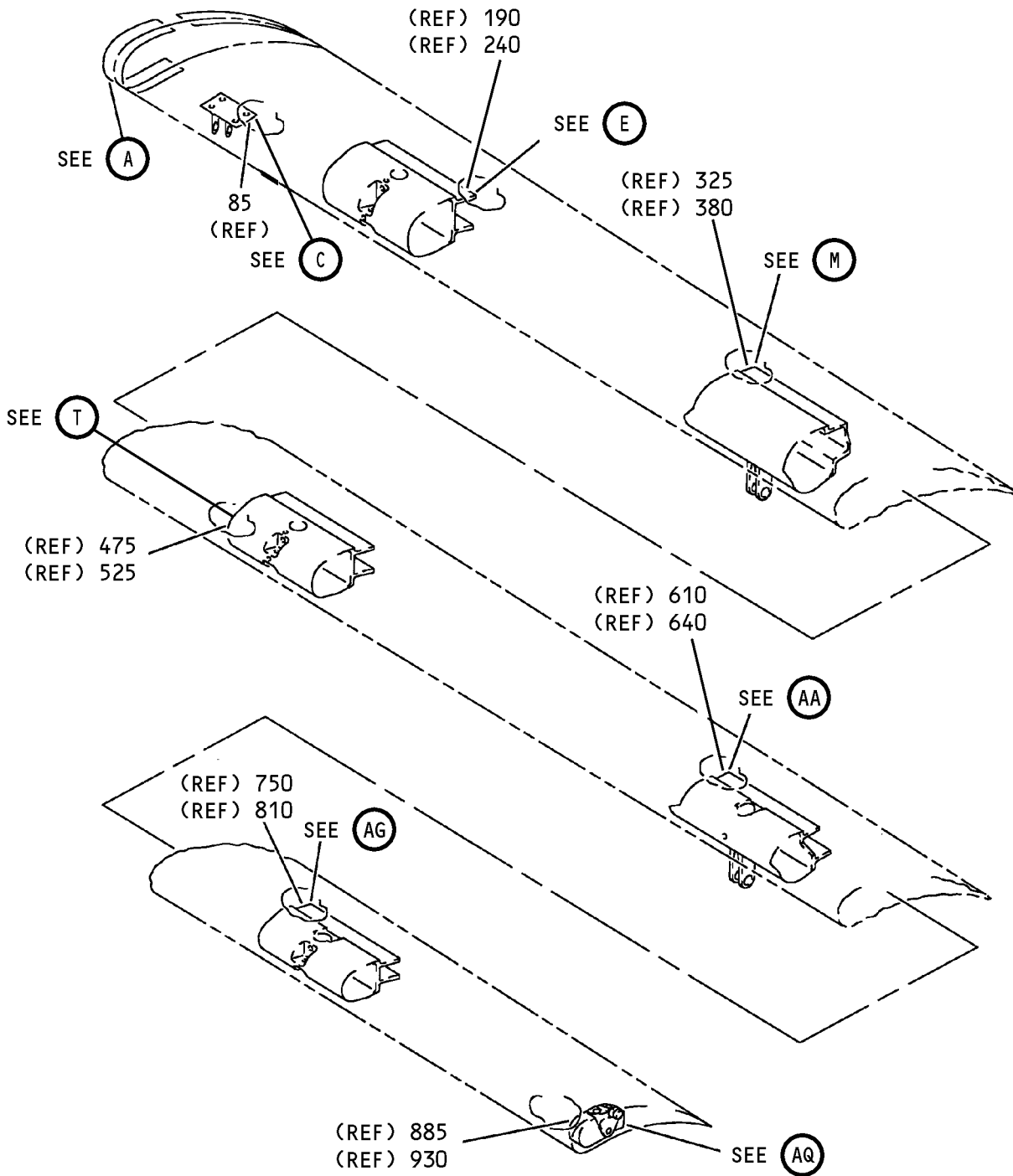
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Outboard Flap Foreflap Assembly
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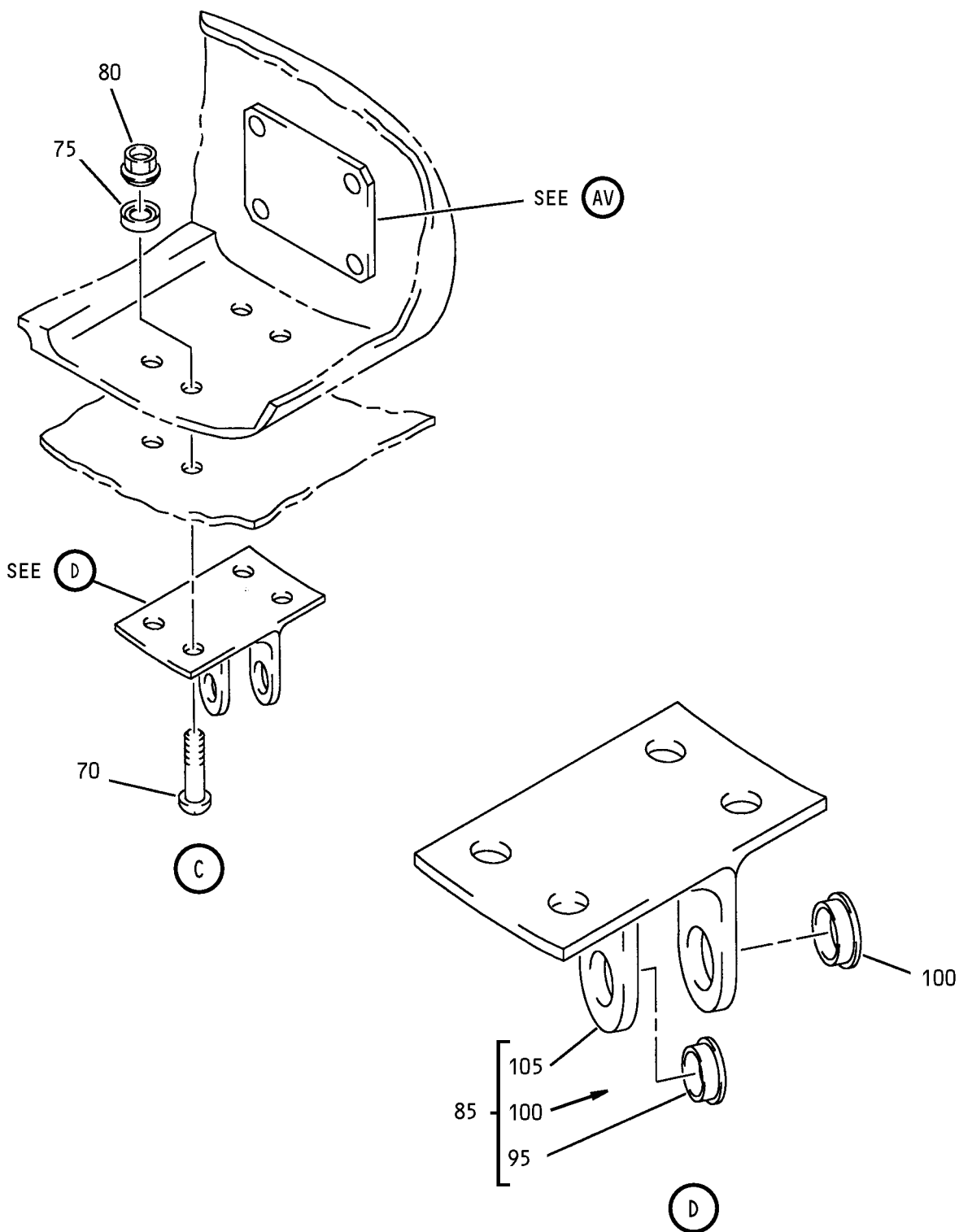
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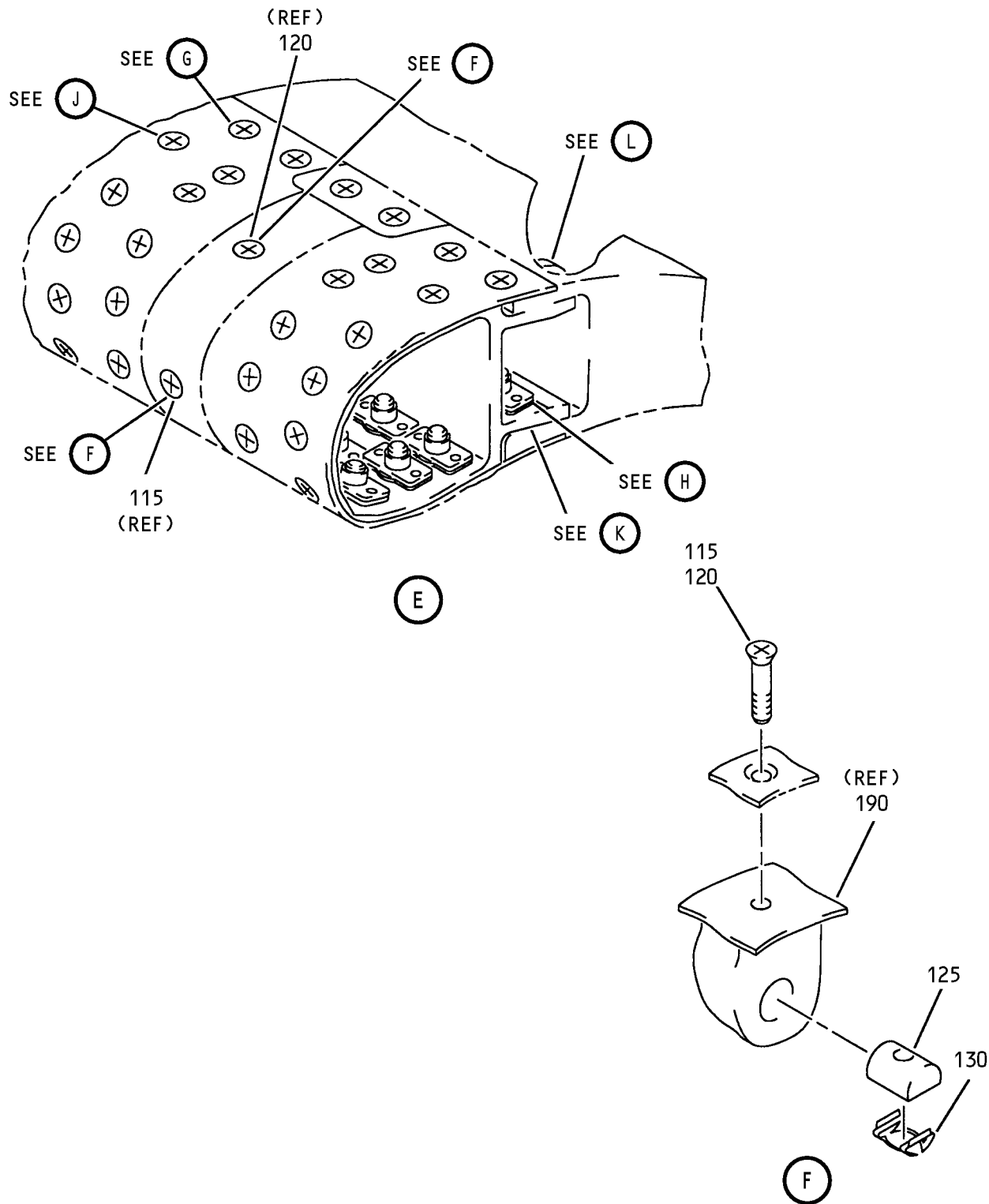
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Outboard Flap Foreflap Assembly
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Outboard Flap Foreflap Assembly
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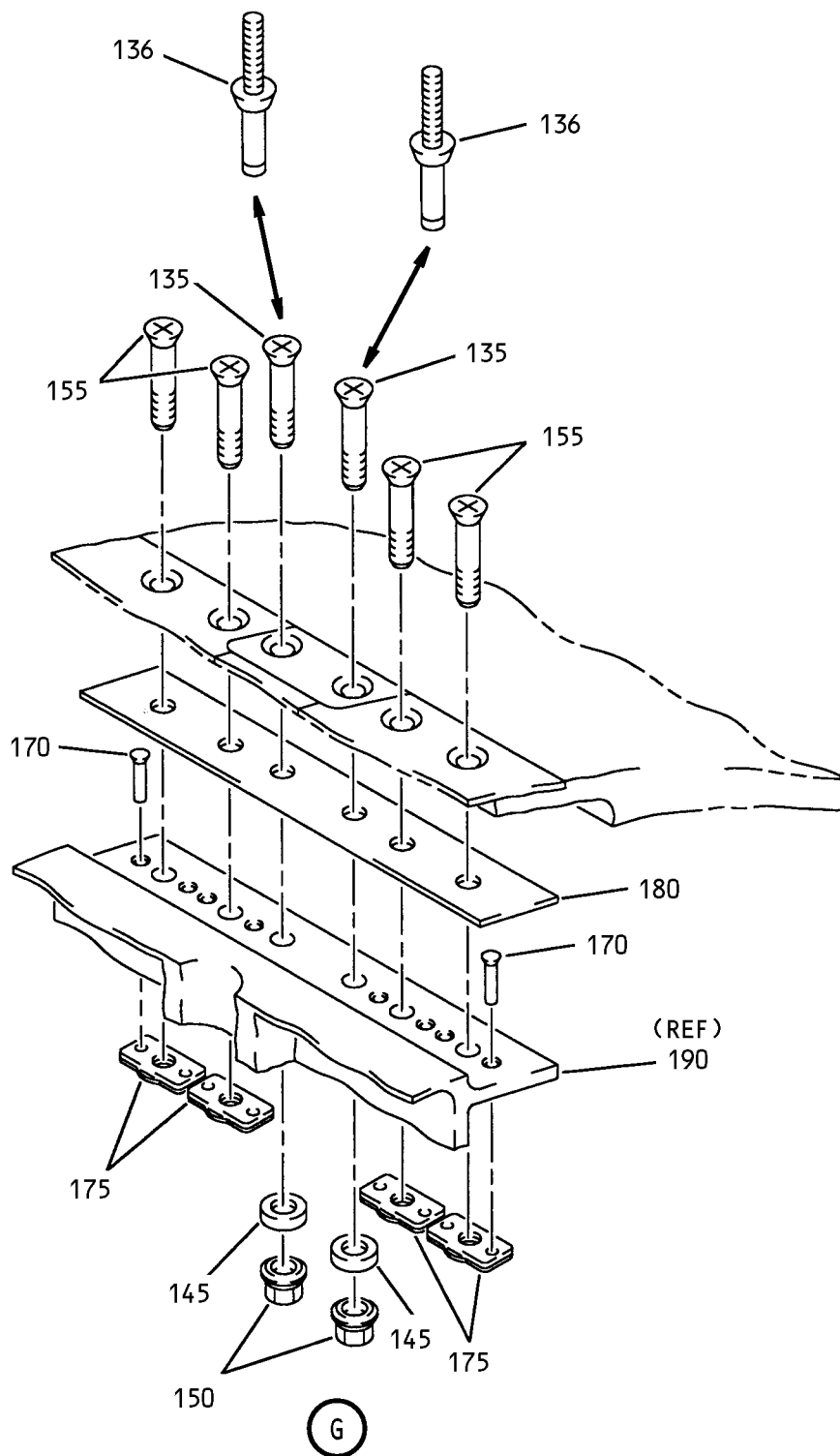
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Outboard Flap Foreflap Assembly
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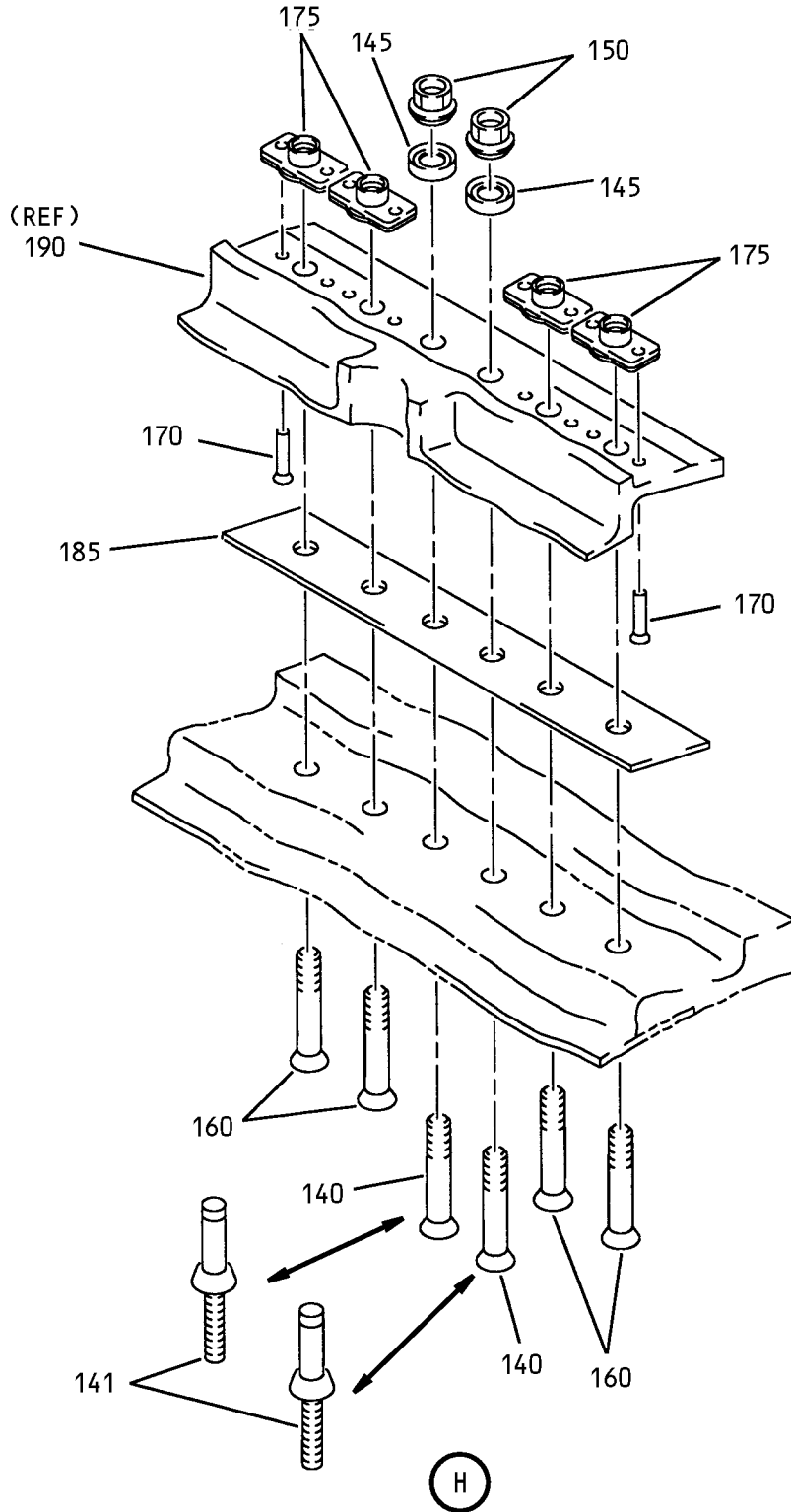
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Outboard Flap Foreflap Assembly
IPL Figure 1 (Sheet 6 of 32)

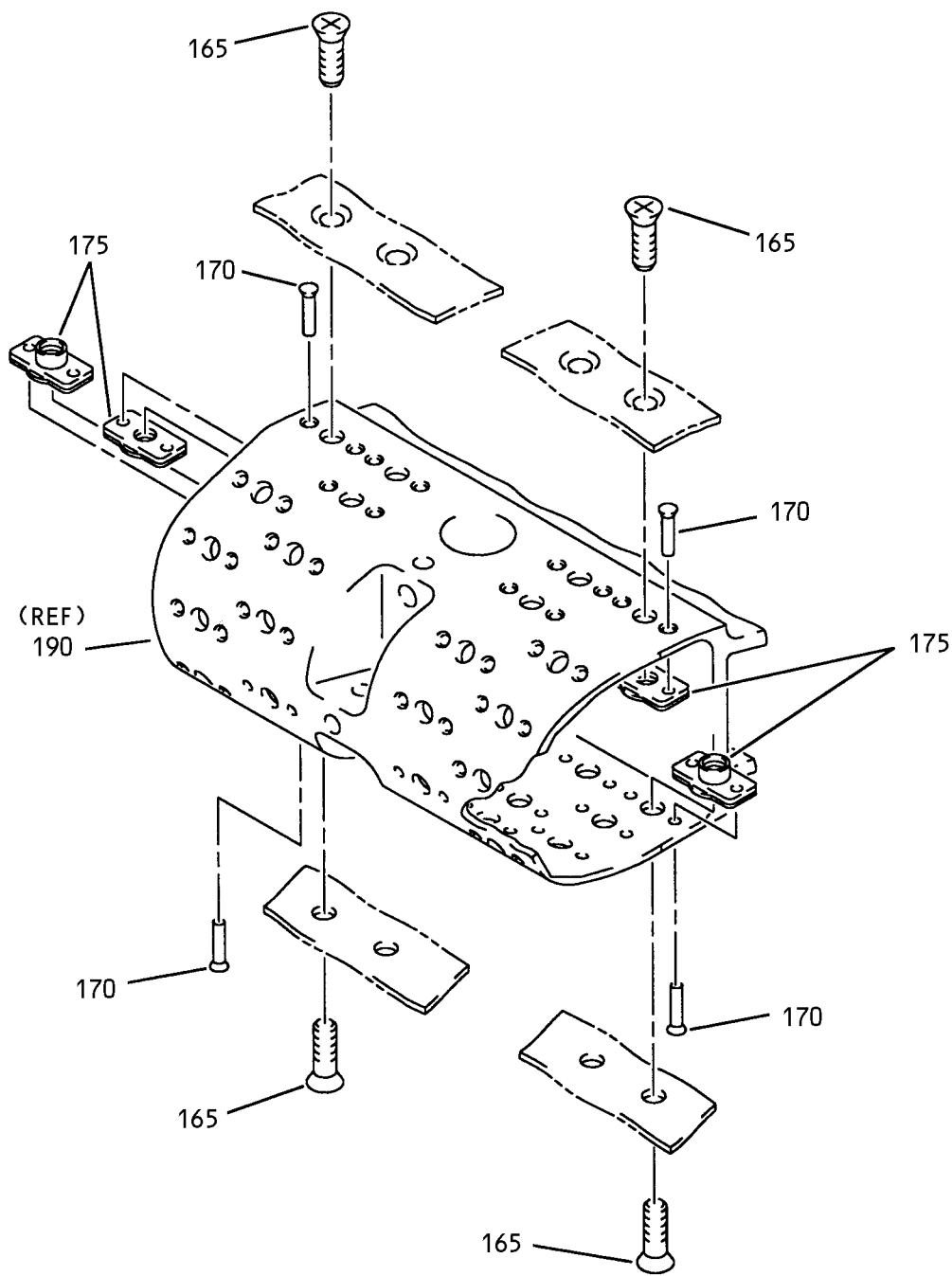
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J

Outboard Flap Foreflap Assembly
IPL Figure 1 (Sheet 7 of 32)

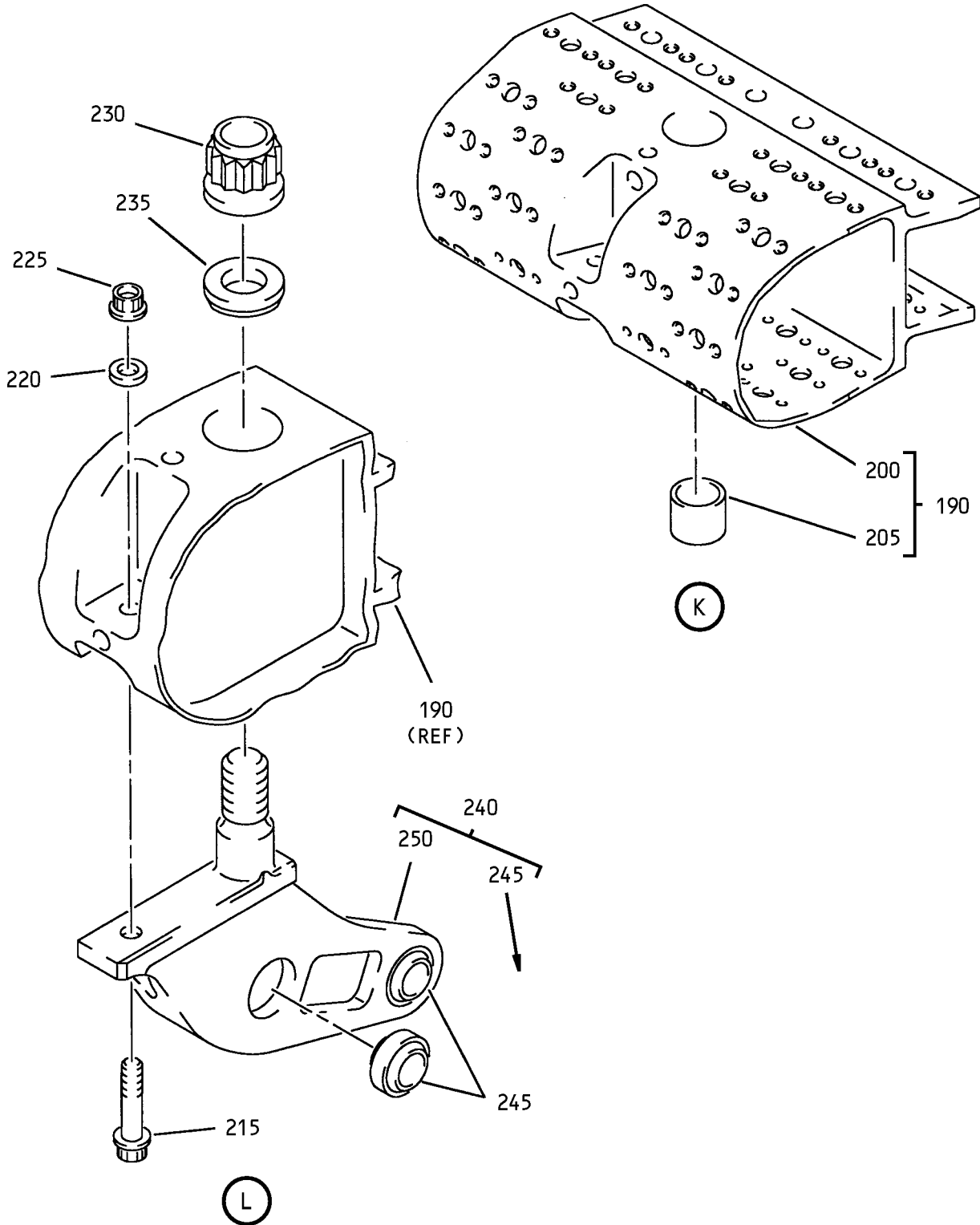
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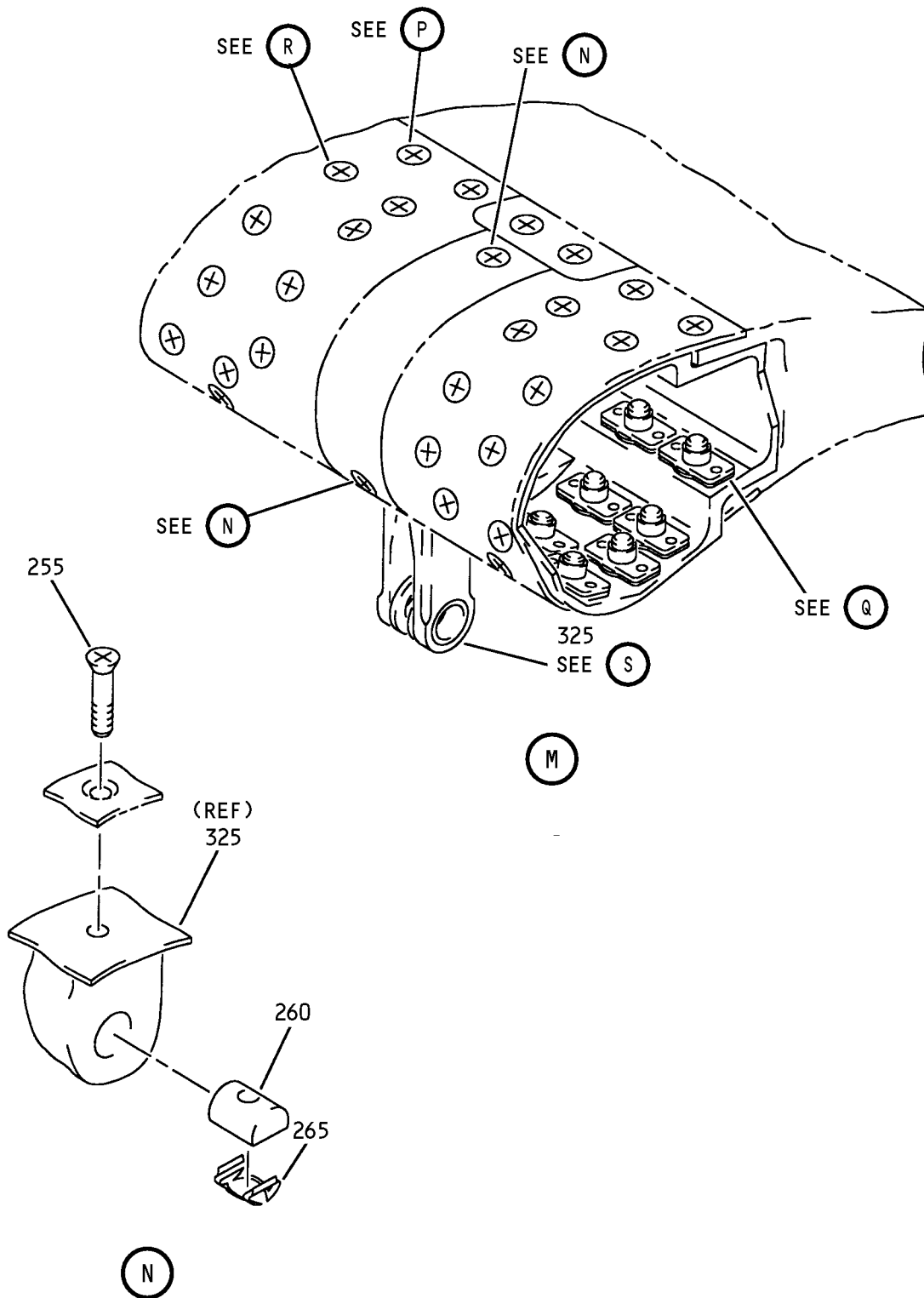
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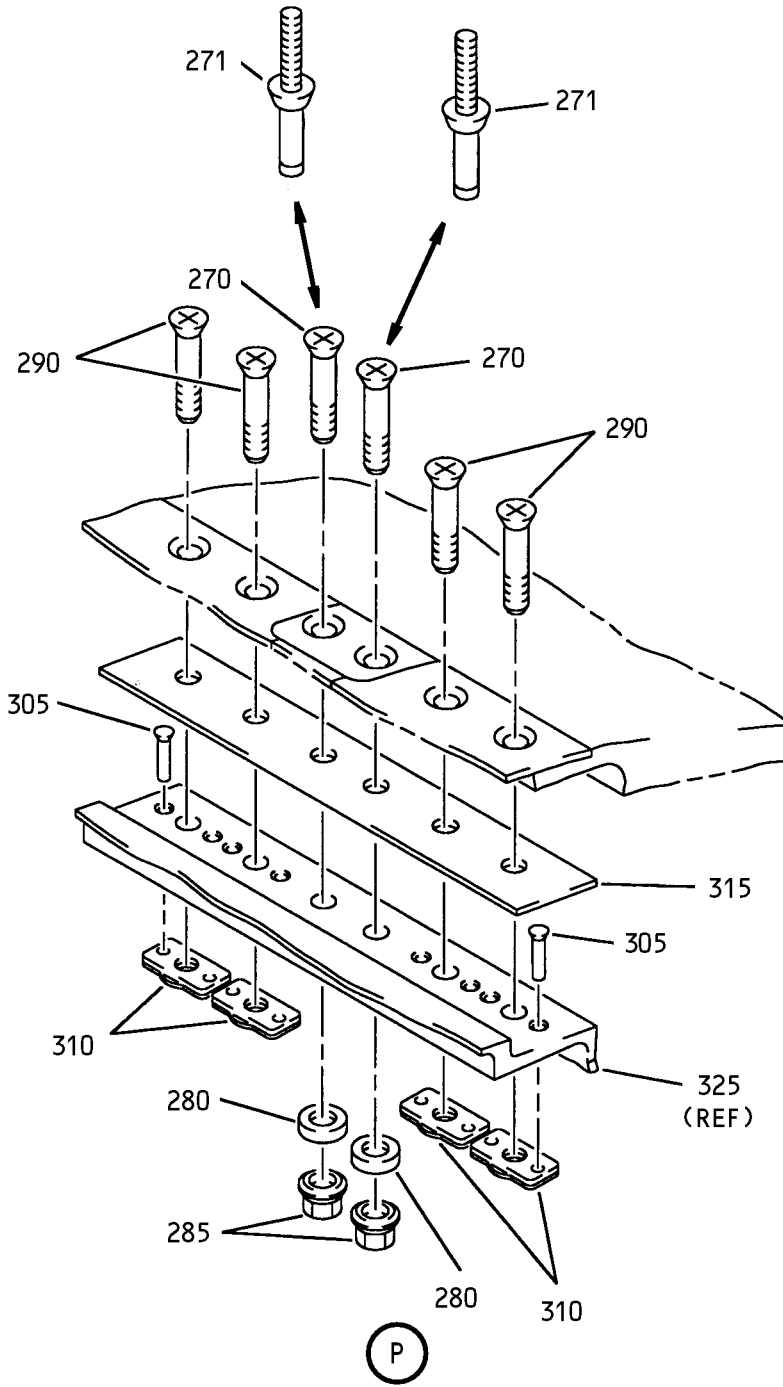
Outboard Flap Foreflap Assembly
IPL Figure 1 (Sheet 8 of 32)

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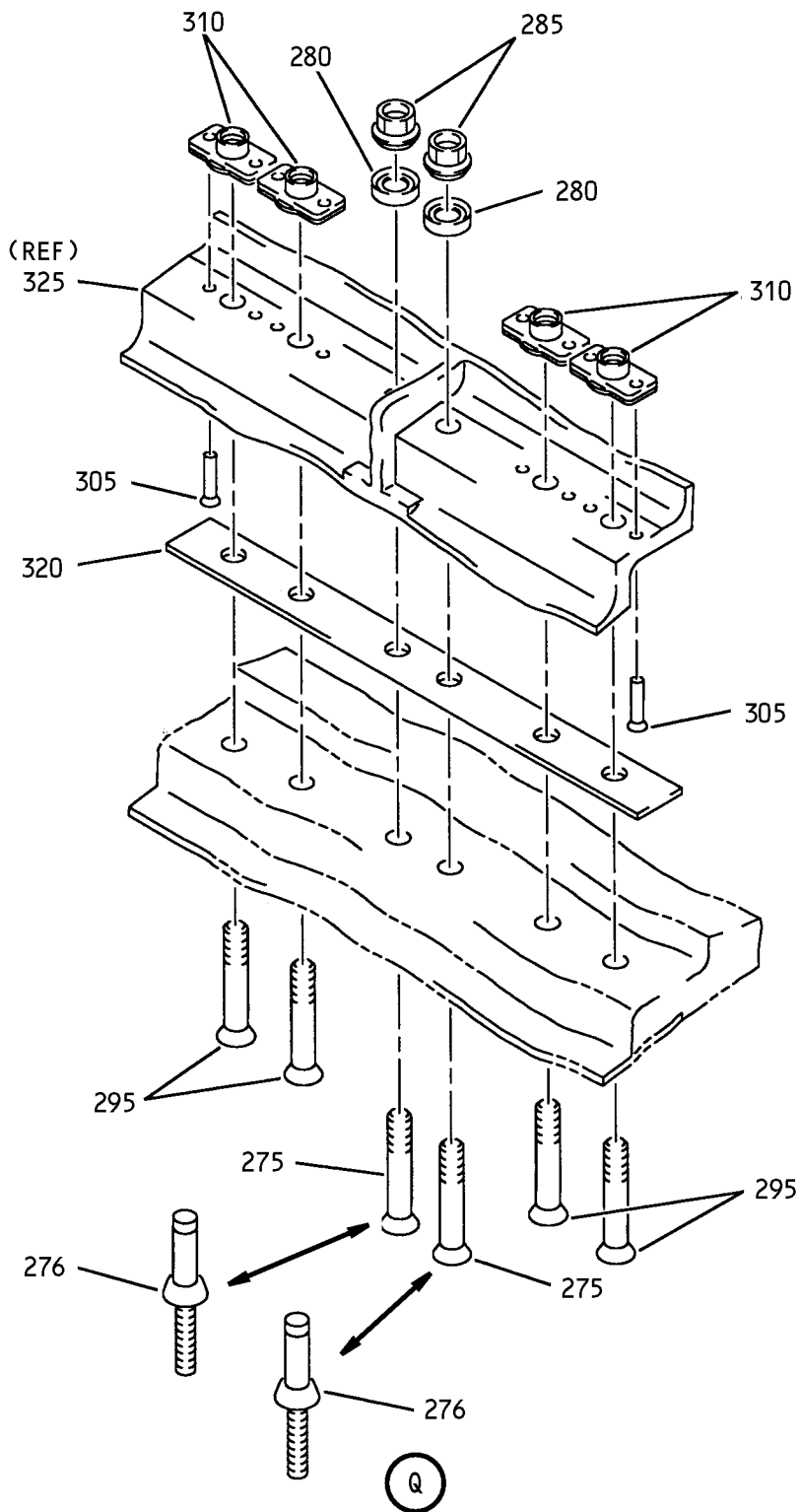
Outboard Flap Foreflap Assembly
IPL Figure 1 (Sheet 9 of 32)

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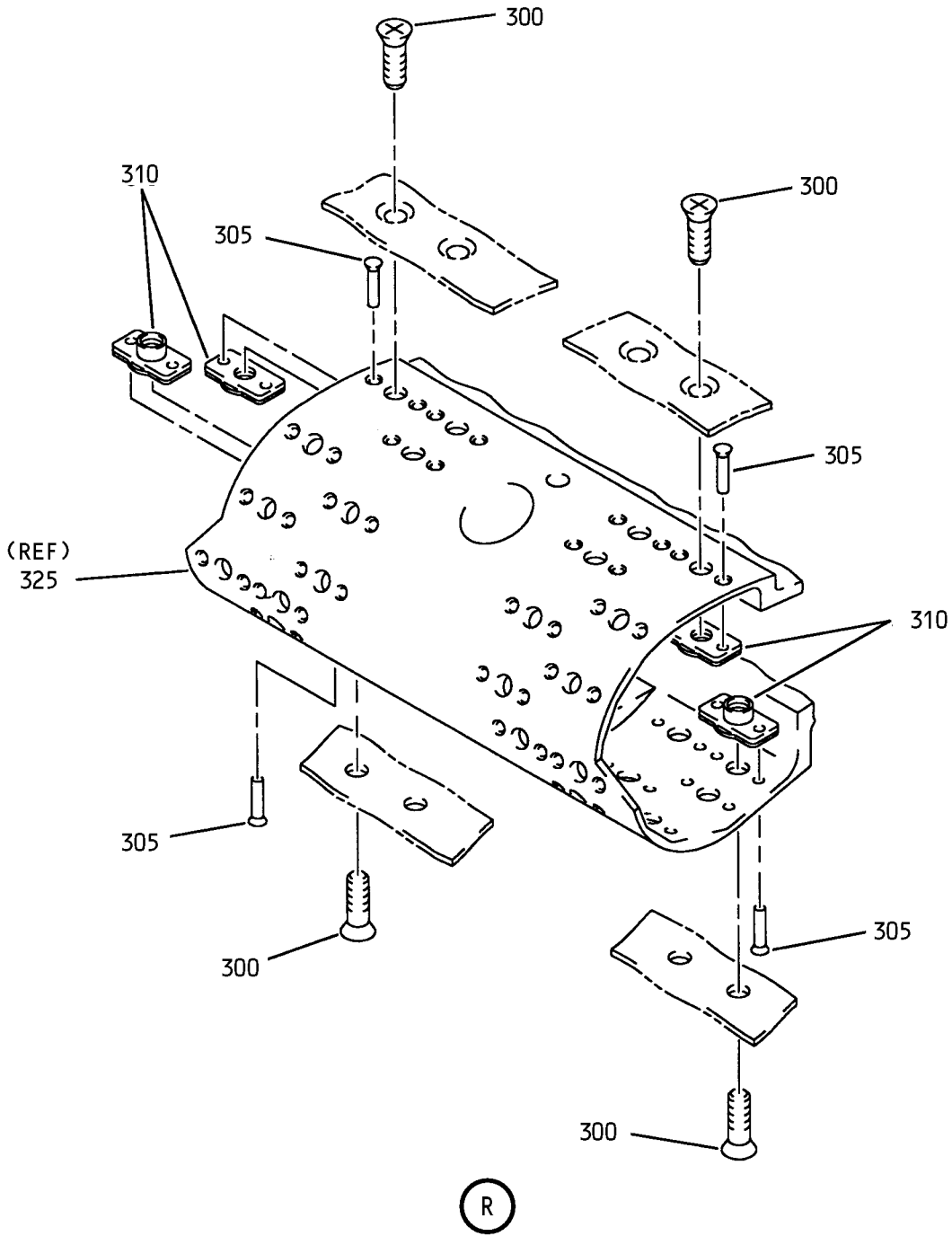
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Outboard Flap Foreflap Assembly
IPL Figure 1 (Sheet 11 of 32)

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Outboard Flap Foreflap Assembly
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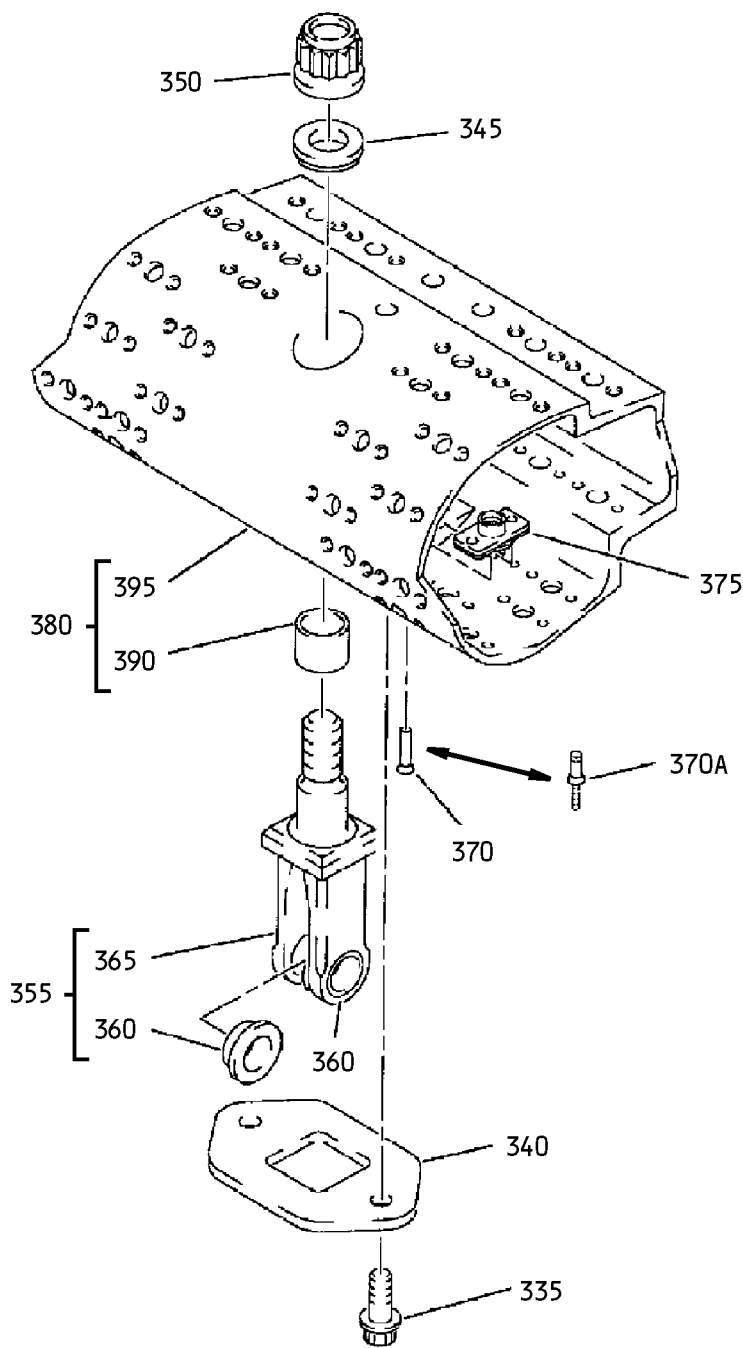
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S

Outboard Flap Foreflap Assembly
IPL Figure 1 (Sheet 13 of 32)

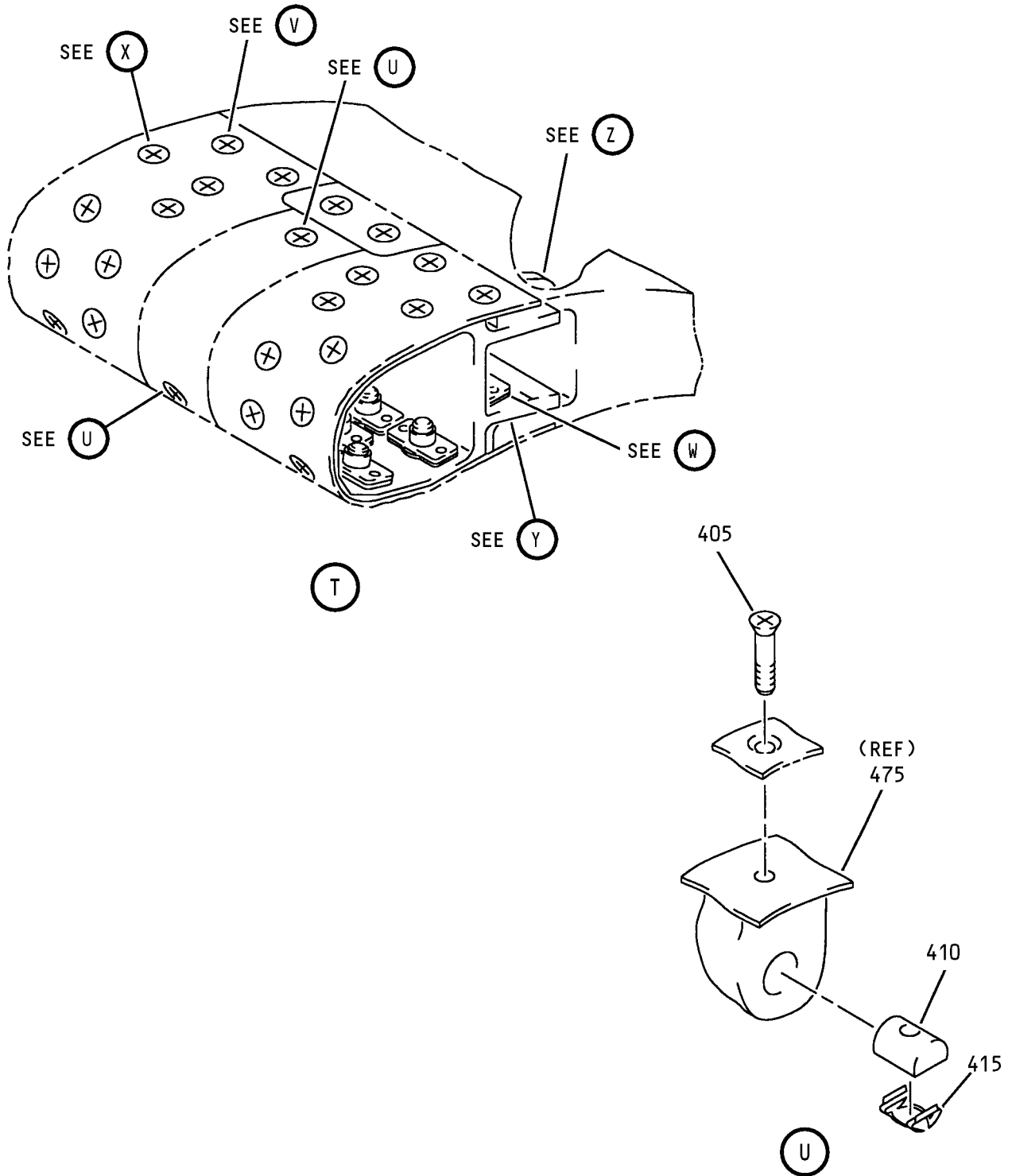
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Outboard Flap Foreflap Assembly
IPL Figure 1 (Sheet 14 of 32)

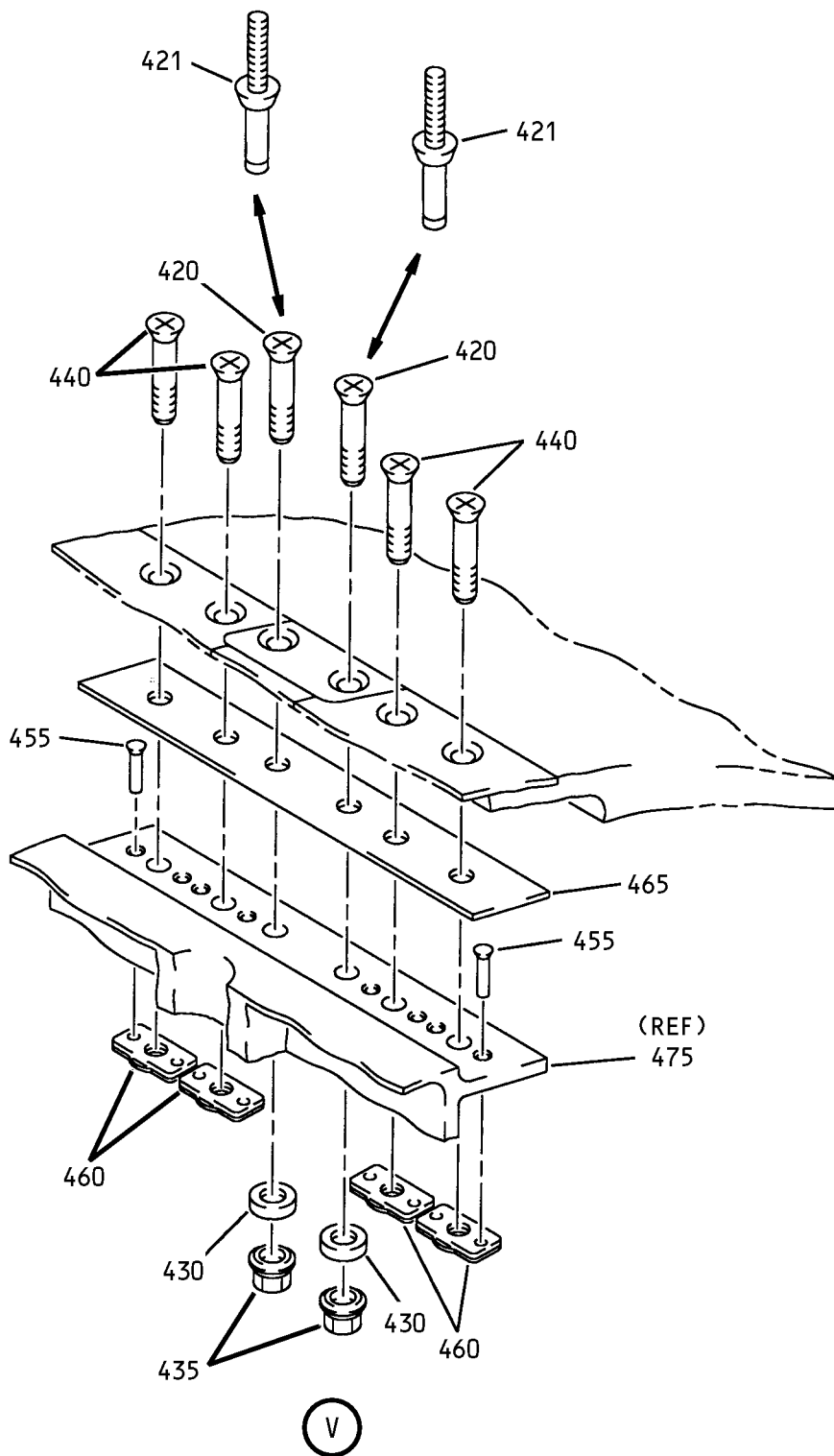
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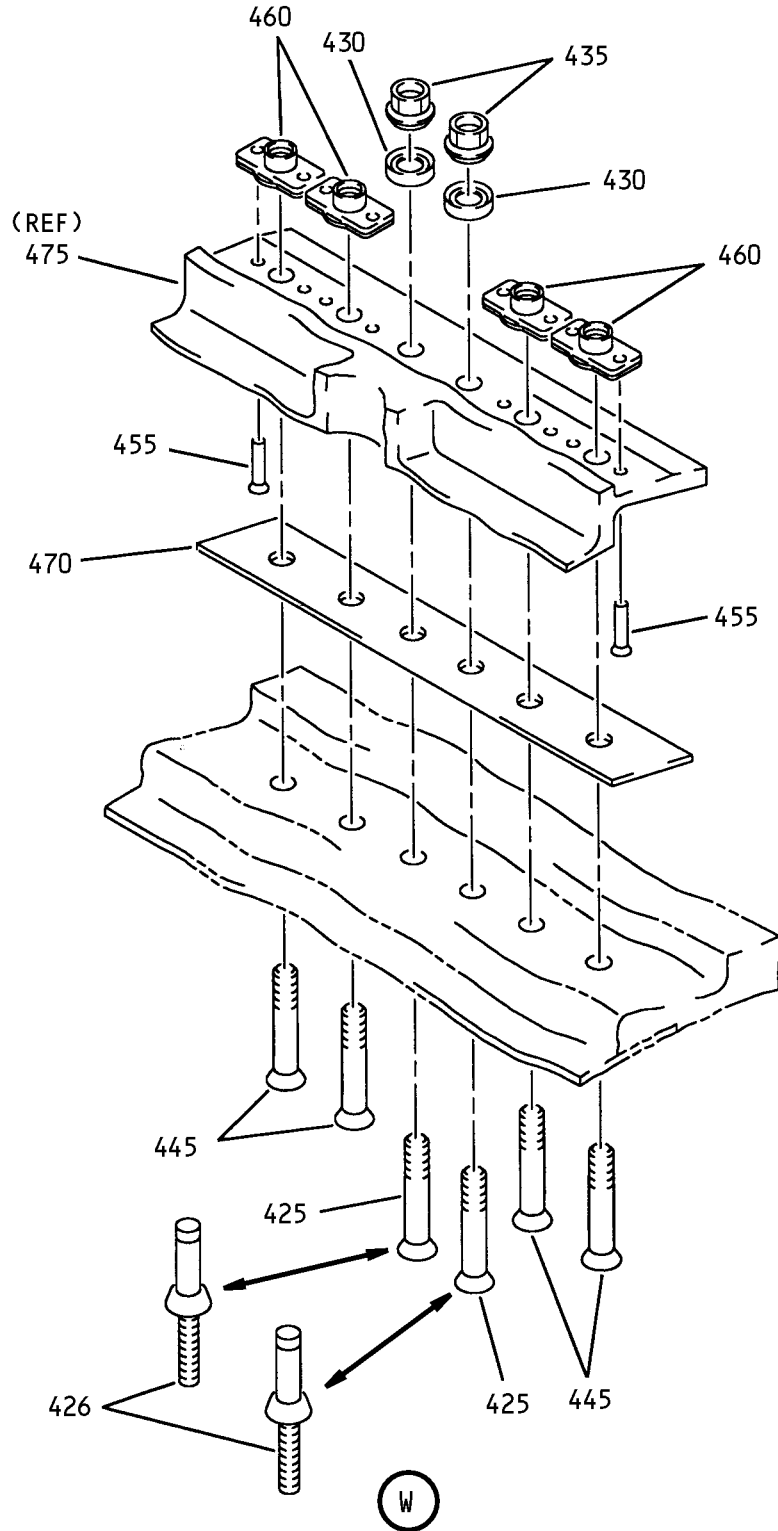
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Outboard Flap Foreflap Assembly
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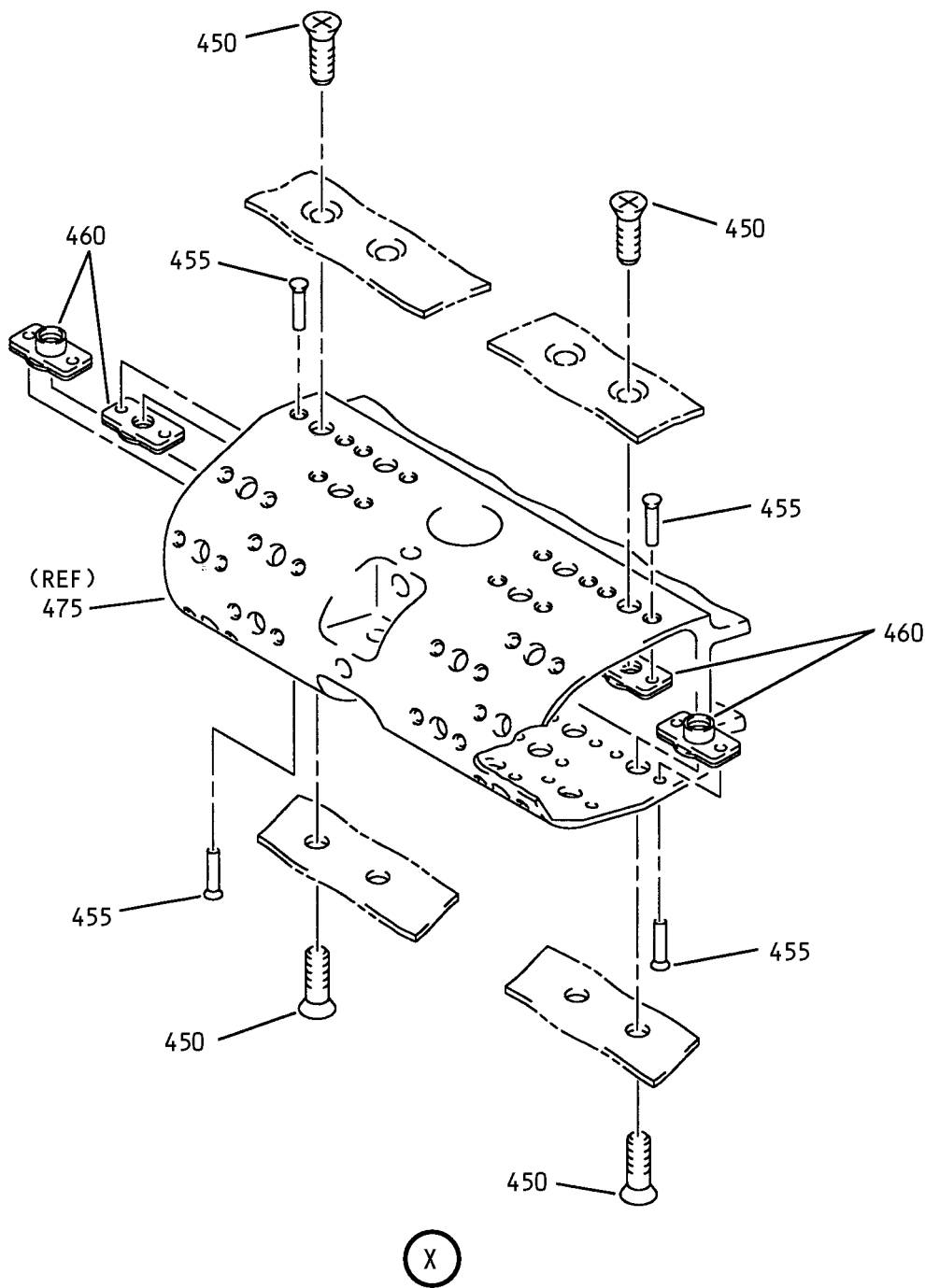
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Outboard Flap Foreflap Assembly
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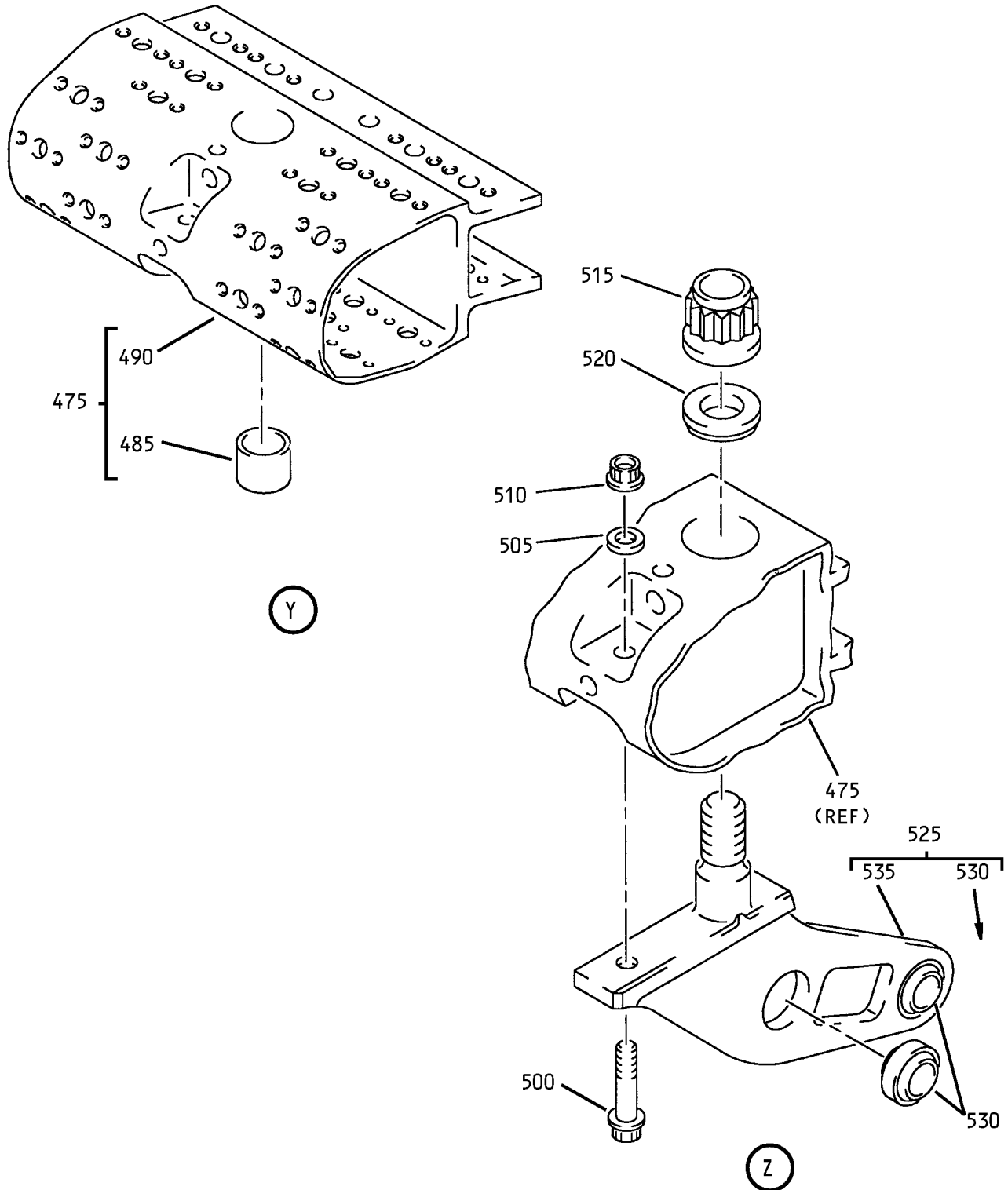
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Outboard Flap Foreflap Assembly
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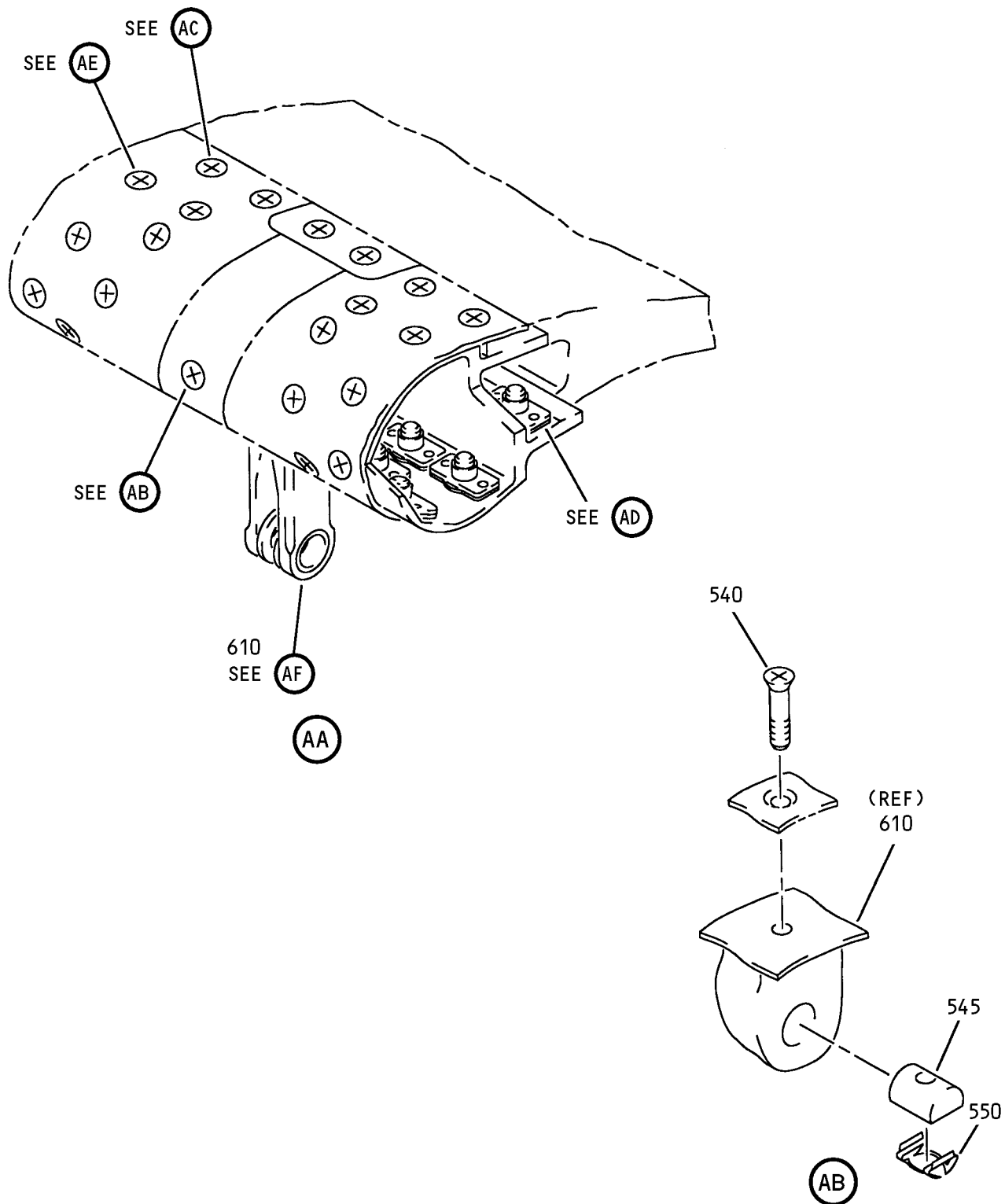
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Outboard Flap Foreflap Assembly
IPL Figure 1 (Sheet 19 of 32)

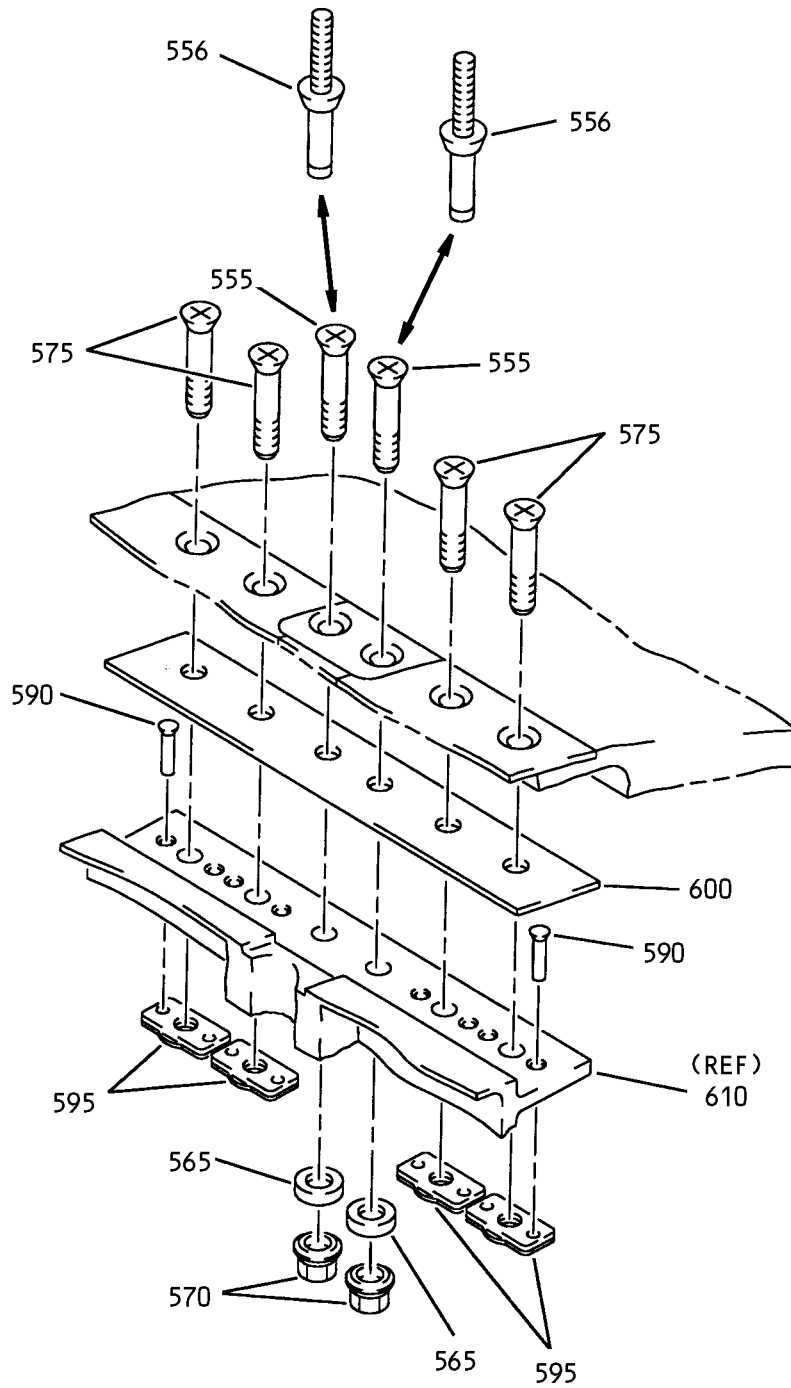
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AC

Outboard Flap Foreflap Assembly
IPL Figure 1 (Sheet 20 of 32)

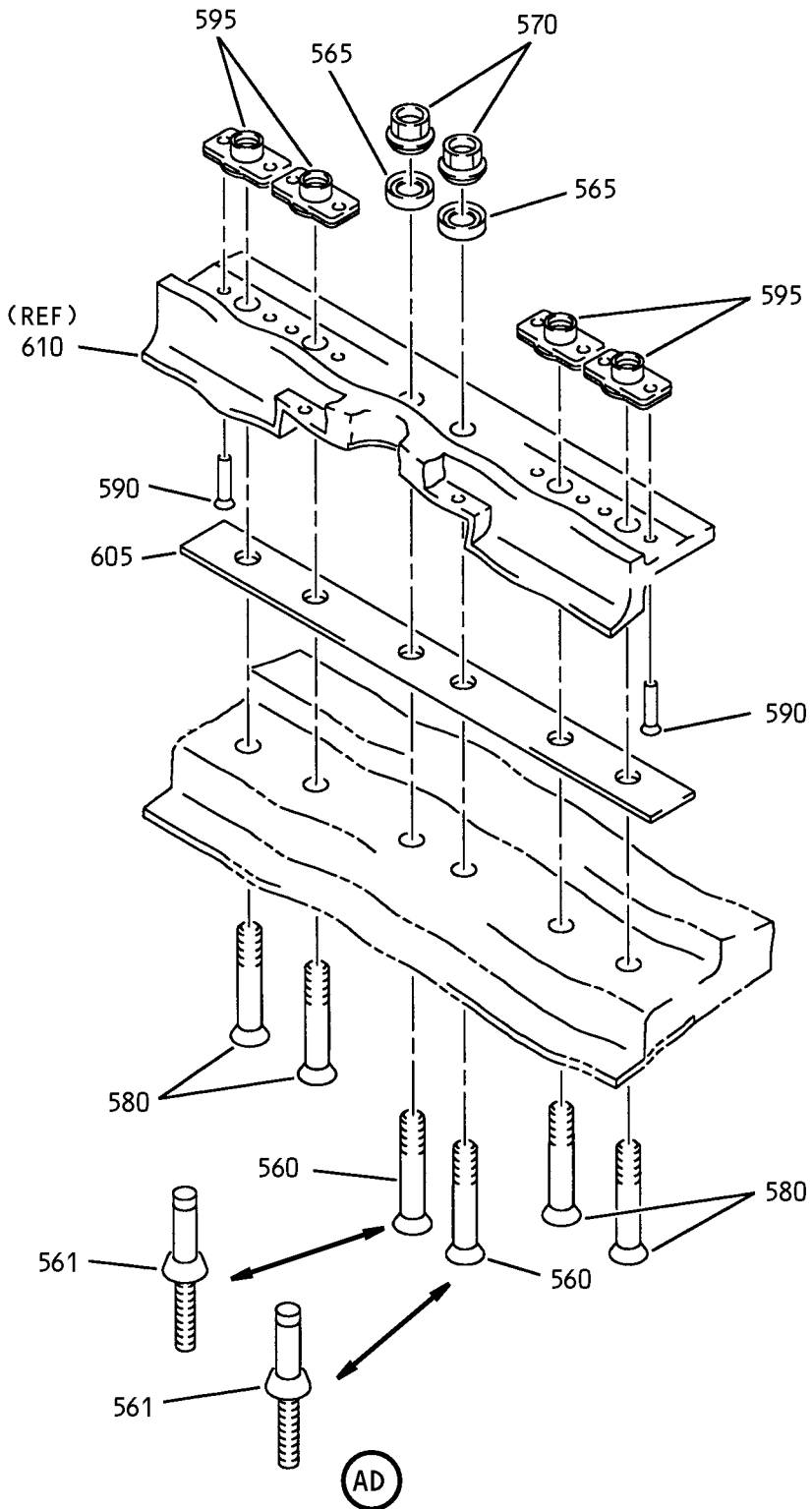
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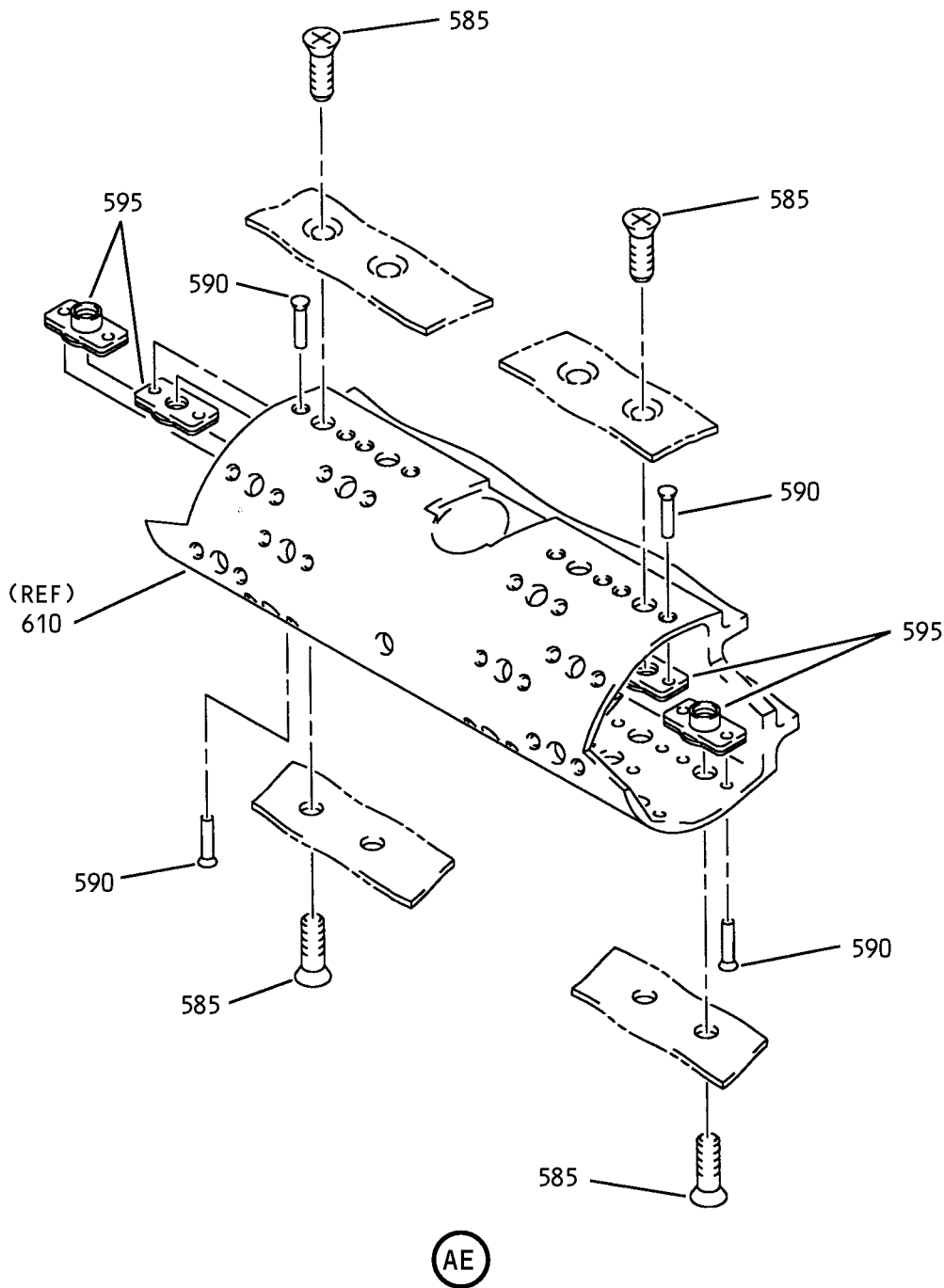
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Outboard Flap Foreflap Assembly
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Outboard Flap Foreflap Assembly
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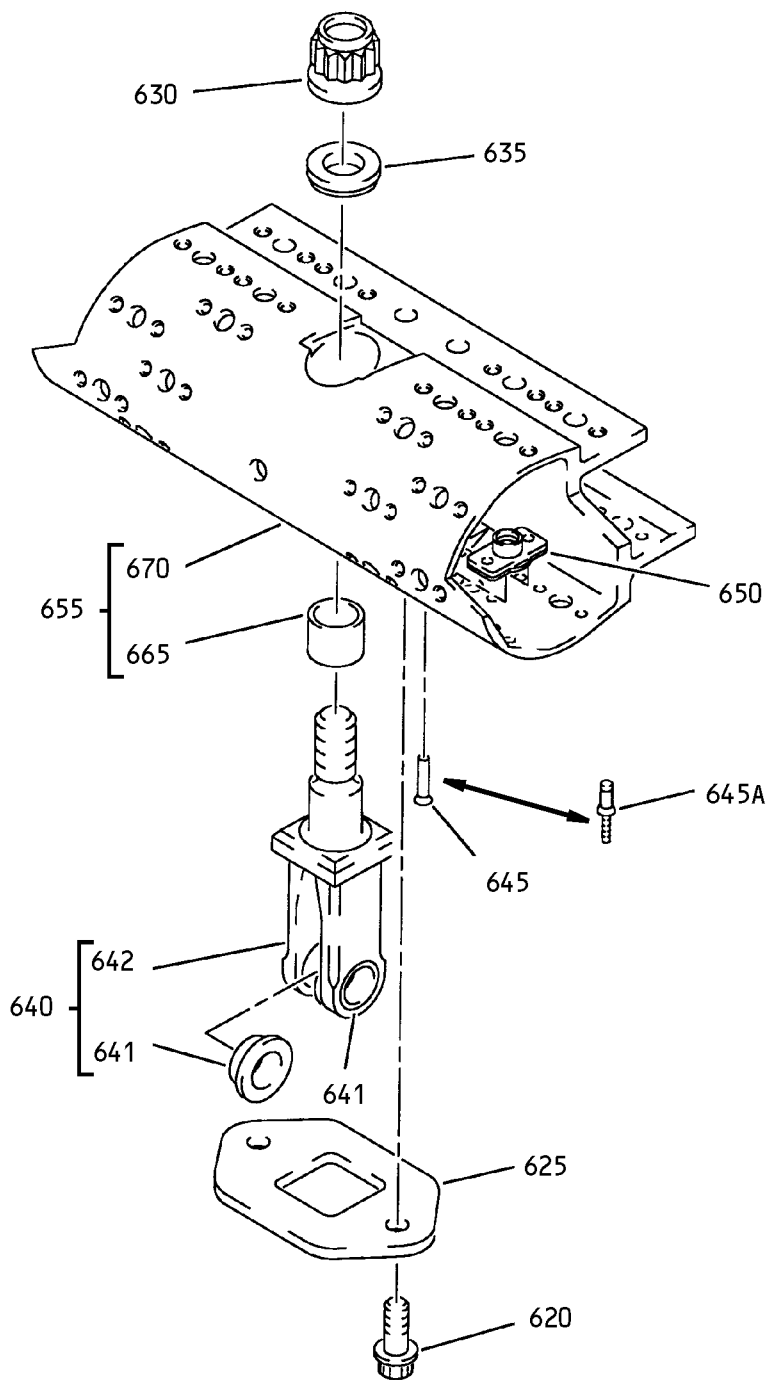
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AF

Outboard Flap Foreflap Assembly
IPL Figure 1 (Sheet 23 of 32)

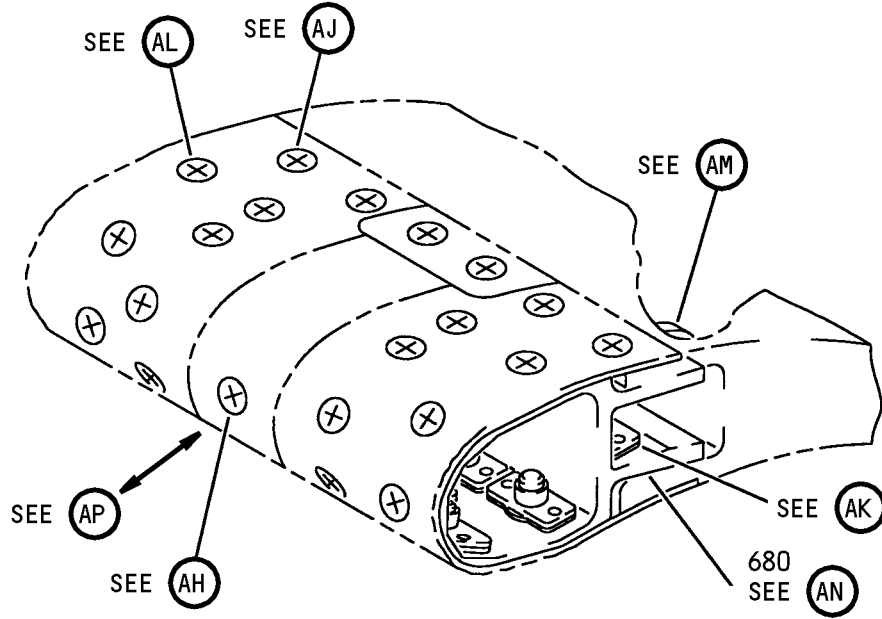
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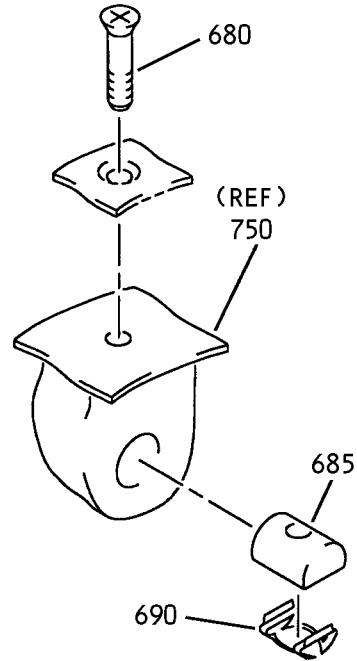
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AG



AH

Outboard Flap Foreflap Assembly
IPL Figure 1 (Sheet 24 of 32)

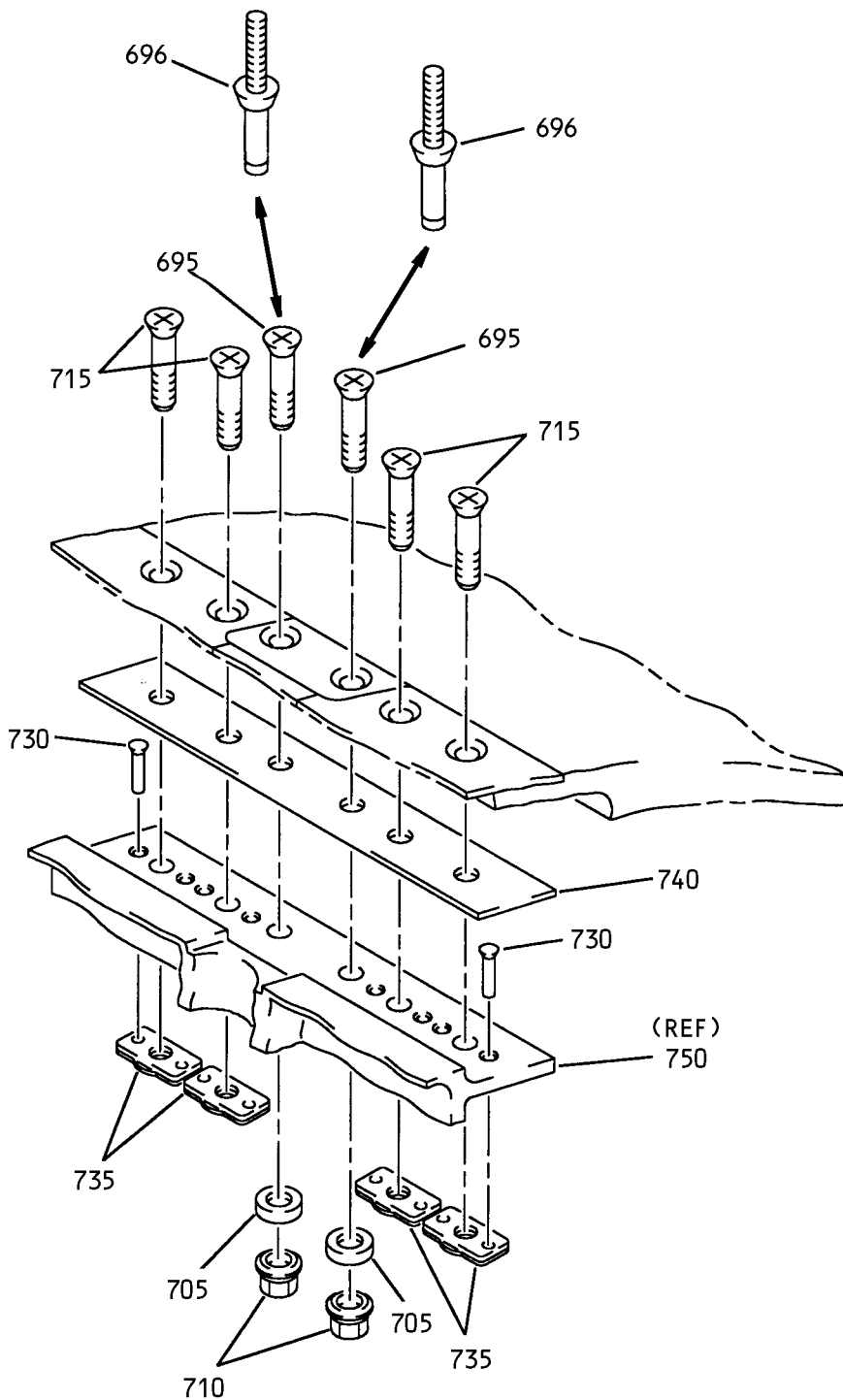
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AJ

Outboard Flap Foreflap Assembly
IPL Figure 1 (Sheet 25 of 32)

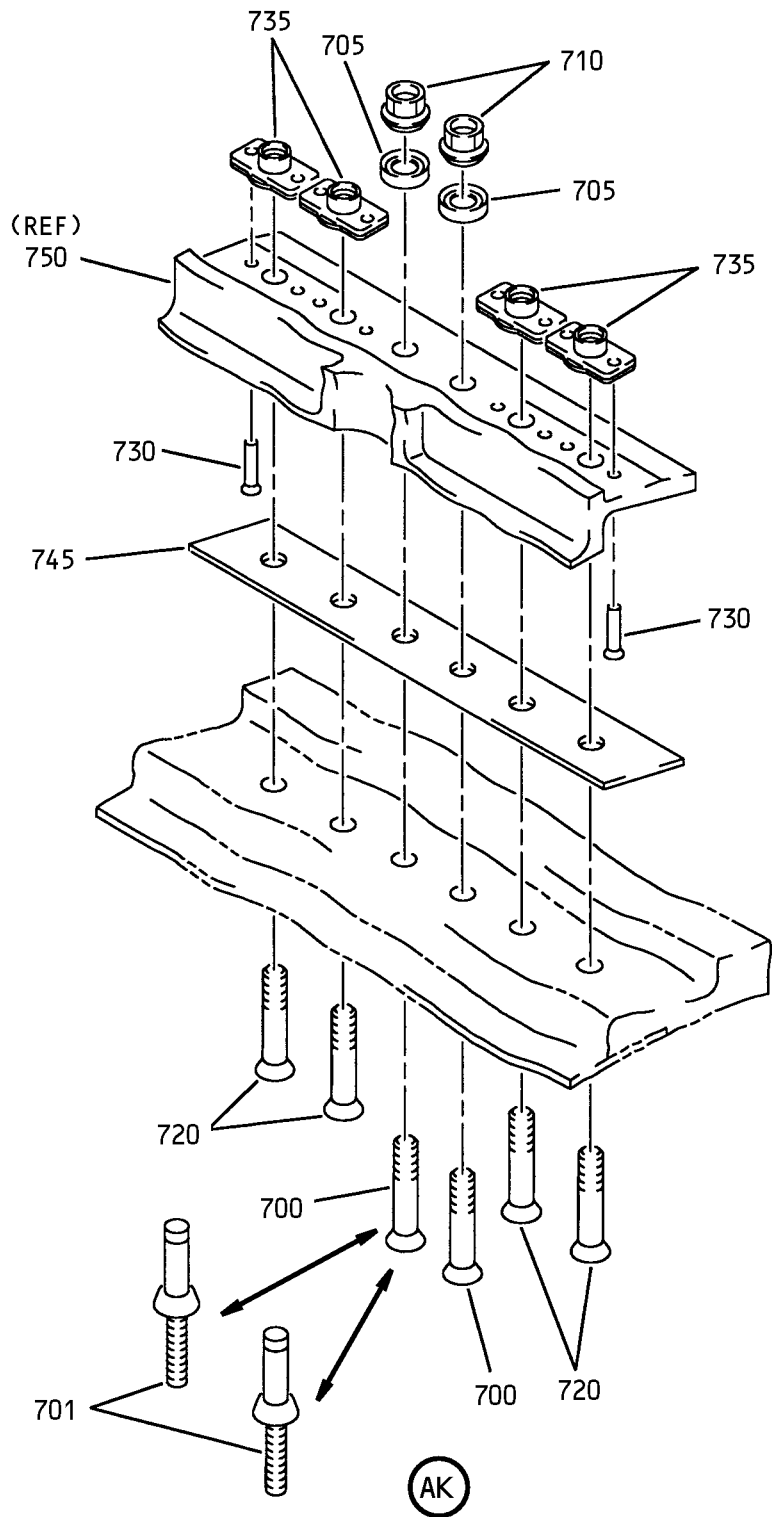
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Outboard Flap Foreflap Assembly
IPL Figure 1 (Sheet 26 of 32)

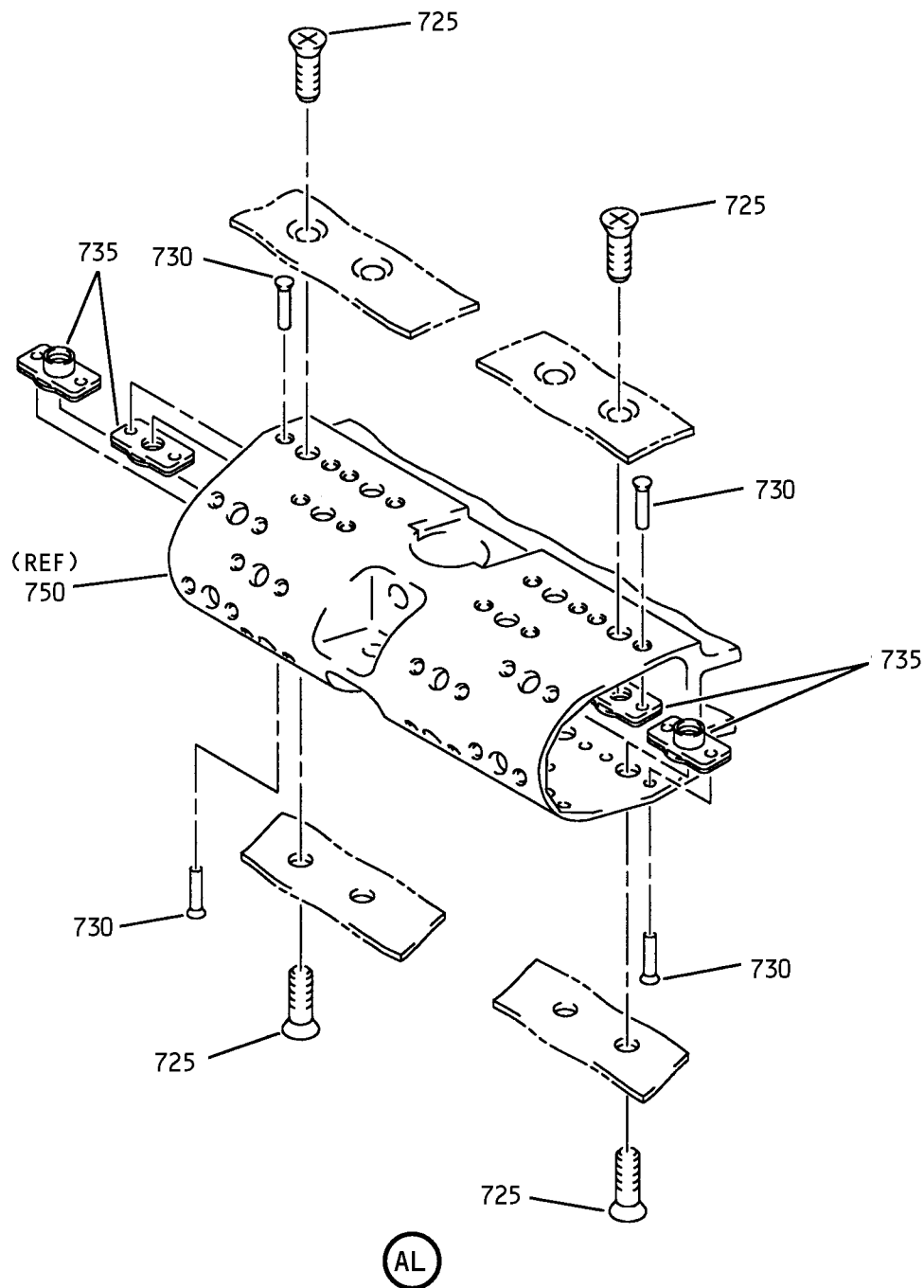
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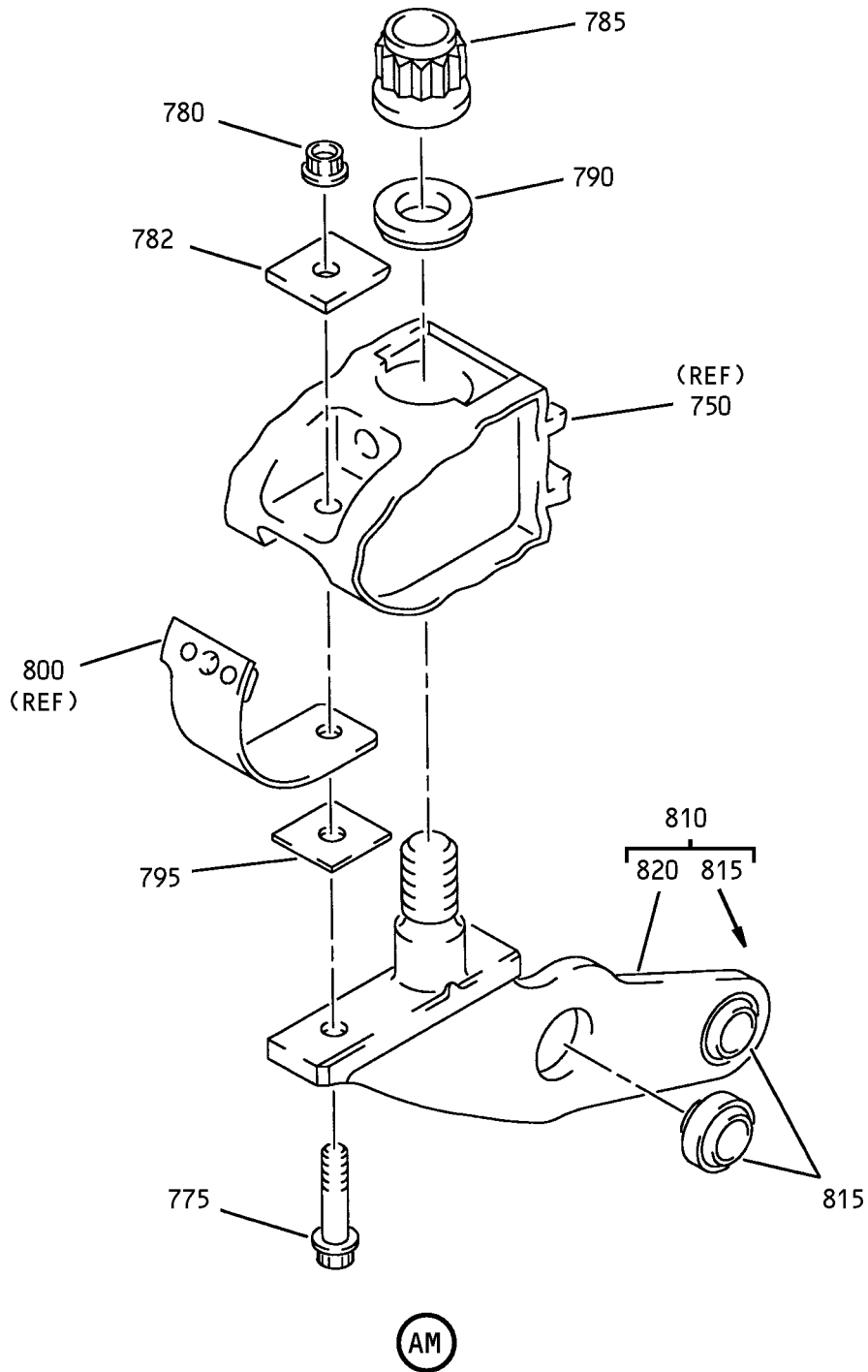
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Outboard Flap Foreflap Assembly
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Outboard Flap Foreflap Assembly
 IPL Figure 1 (Sheet 28 of 32)

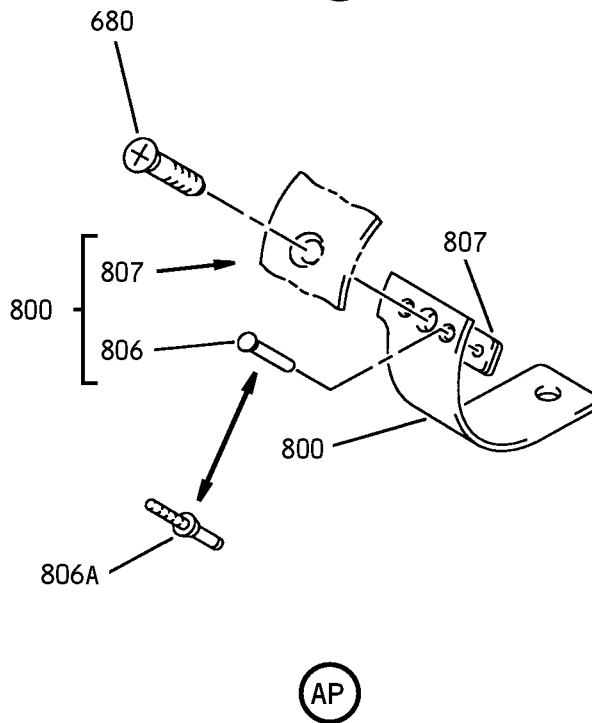
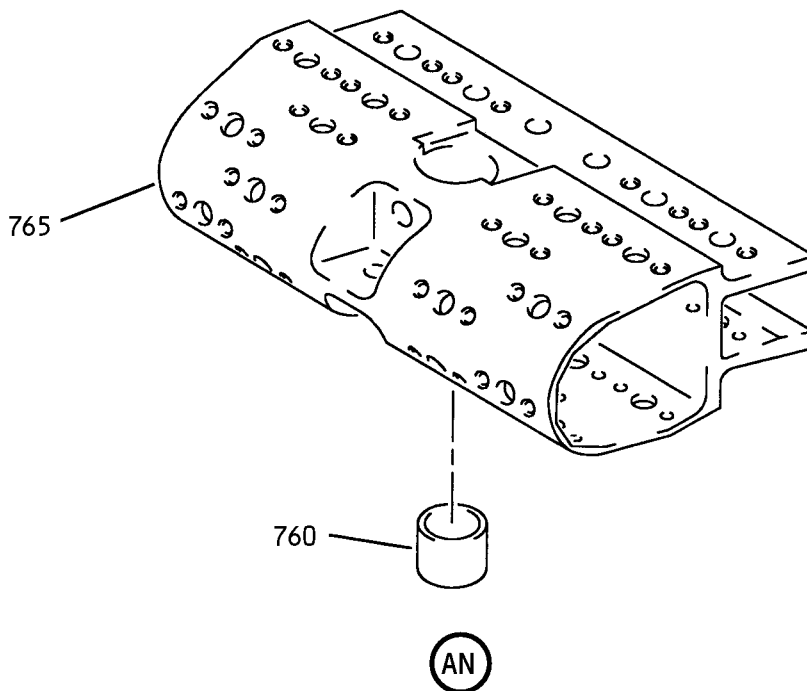
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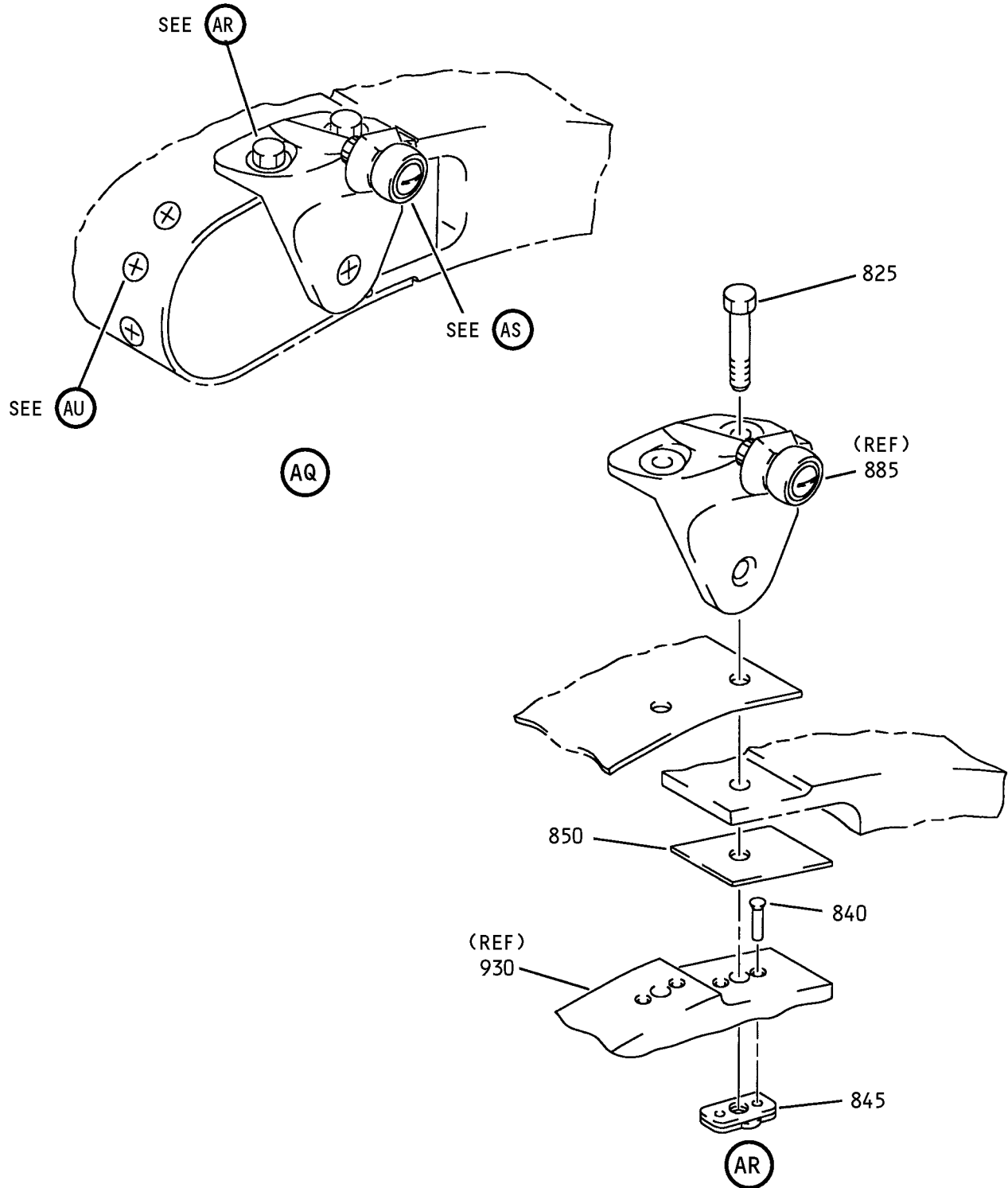
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Outboard Flap Foreflap Assembly
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Outboard Flap Foreflap Assembly
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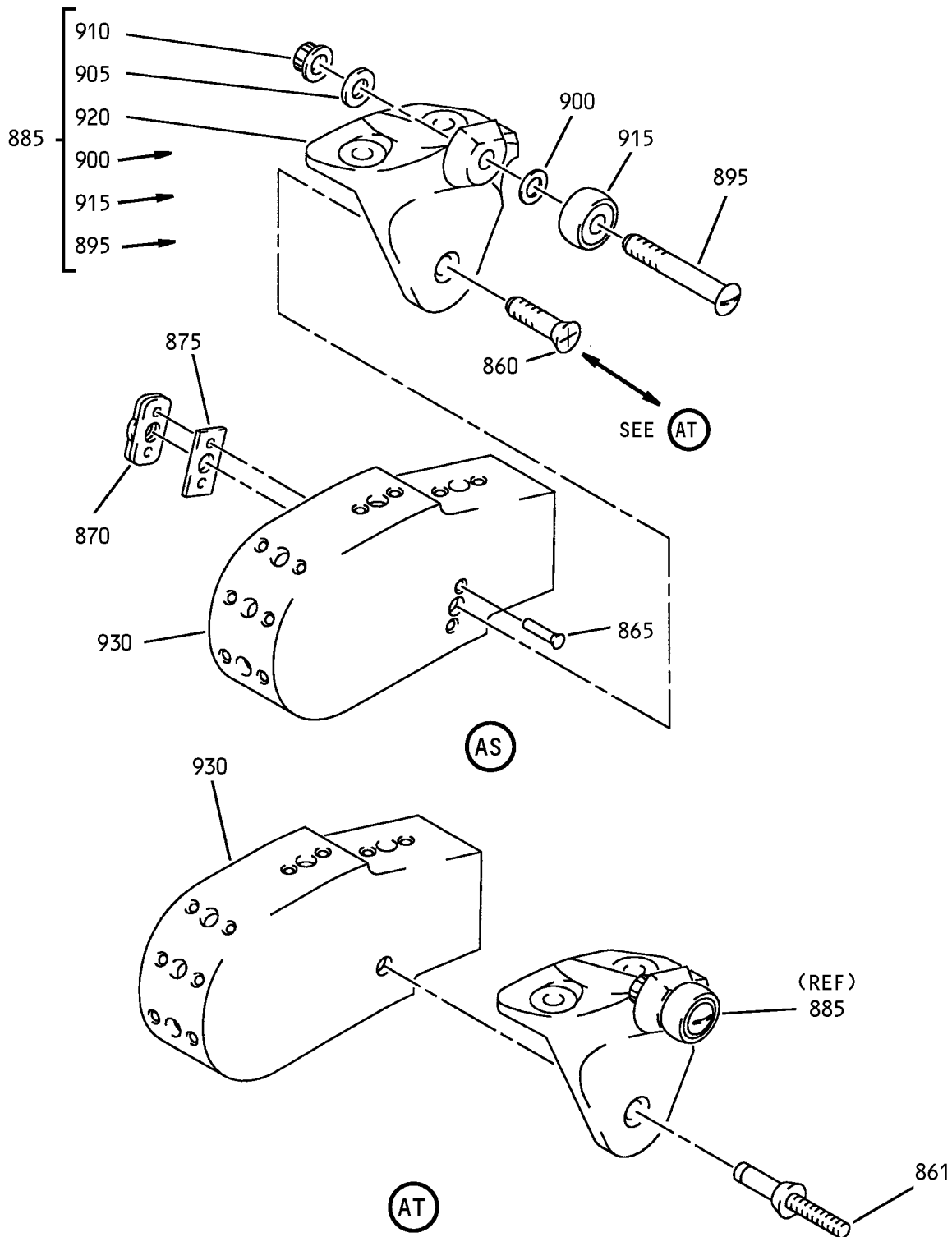
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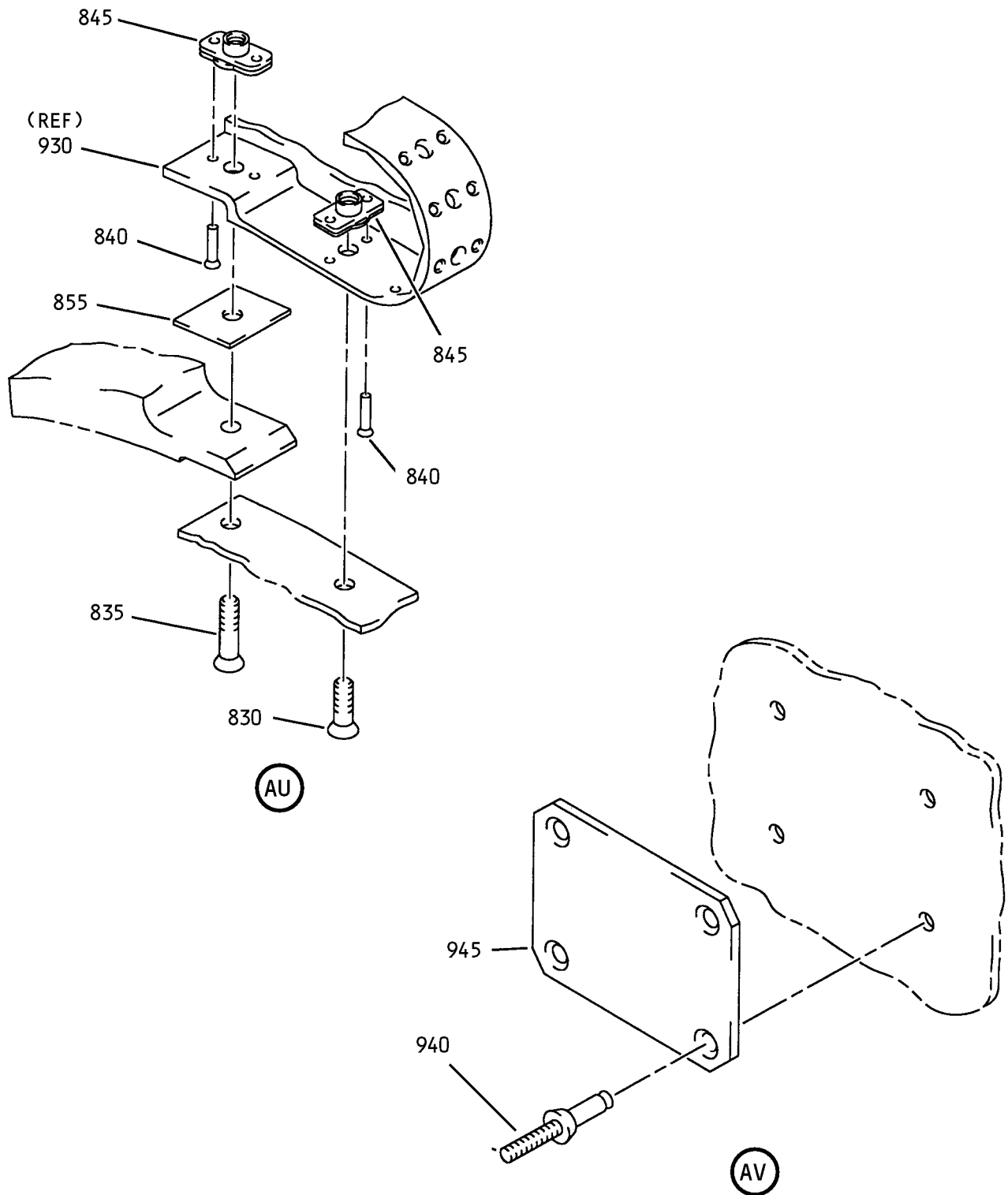
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Outboard Flap Foreflap Assembly
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Outboard Flap Foreflap Assembly
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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
1-											
-1A	65C35703-1										
-1B	65C35703-29										
-1C	65C35703-39										
-1D	65C35703-41										
-1E	65C35703-1SP								A	RF	
-1F	65C35703-29SP								C	RF	
-1G	65C35703-39SP								E	RF	
-1H	65C35703-41SP								G	RF	
-5	65C35703-24										
-5A	65C35703-30SP										
-5B	65C35703-40SP										
-5C	65C35703-42SP										
-5D	65C35703-24SP								B	RF	
-5E	65C35703-30SP								D	RF	
-5F	65C35703-40SP								F	RF	
-5G	65C35703-42SP								H	RF	
-5H	65C35703-2SP								J	RF	
10	BACB30VF3K7									1	
15	BACB30VF3K4									8	
20	BACB30VF3K5									1	
25	BACR15BA3AD									20	
30	BRFM20C3D									10	
35	65C35703-7									1	
40	65C35703-9								A, C, E, G, J	1	
-45	65C35703-28								B, D, F, H	1	

-Item not Illustrated

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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-											
50	65C35703-19		.	SEAL						A, C, E, G	1
-55	65C35703-20		.	SEAL						B, D, F, H, J	1
60	65C35703-5		.	RETAINER						A, C, E, G, J	1
-65	65C35703-26		.	RETAINER						B, D, F, H	1
70	BACB30NT4K7		.	BOLT							4
75	AS46-4		.	WASHER (V10630) (SPEC BACW10AU4) (OPT K19701P4 (V15653)) (OPT 53488W428 (V56878)) (OPT 6073-04 (V72962)) (OPT TLN1020L4W (V08524))							4
80	H19700P4		.	NUT (V15653) (SPEC BACN10MT4) (OPT 52LH6073-048 (V72962)) (OPT 53488N428 (V56878)) (OPT TLN1020L4N (V97928))							4
85	65C35713-1		.	FITTING ASSY						A	1
-85A	65C35713-5		.	FITTING ASSY						C, E, G	1
-90	65C35713-2		.	FITTING ASSY						B	1
-90A	65C35713-6		.	FITTING ASSY						D, F, H	1
95	BACB28AP04-013		.	BUSHING							1
100	BACB28AT06B013A		.	BUSHING							1
105	65C35713-3		.	FITTING						A	1
-105A	65C35713-7		.	FITTING						C, E, G	1
-110	65C35713-4		.	FITTING						B	1
-110A	65C35713-8		.	FITTING						D, F, H	1
115	BACB30VF3K6		.	BOLT							1
120	BACB30VF3K5		.	BOLT							1
125	SL4123-3		.	NUT-BARREL (V97393) (OPT ITEM 125A)							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		
1-											
-125A	F2552-02		.	NUT-BARREL							2
				(V72962)							
				(OPT ITEM 125)							
130	SLR4123-3		.	RETAINER							2
				(V97393)							
				(OPT ITEM 130A)							
				(USED WITH ITEM 125)							
-130A	2552-02RET		.	RETAINER							2
				(V72962)							
				(OPT ITEM 130)							
				(USED WITH ITEM 125A)							
135	BACB30NN4K12		.	BOLT							2
				(OPT ITEM 136)							
136	MS21140-0812P		.	FASTENER							2
				(OPT ITEM 135)							
140	BACB30NN4K13		.	BOLT							2
				(OPT ITEM 141)							
141	MS21140-0813P		.	FASTENER							2
				(OPT ITEM 140)							
145	AS46-4		.	WASHER							4
				(V10630)							
				(SPEC BACW10AU4)							
				(OPT K19701P4 (V15653))							
				(OPT 53488W428 (V56878))							
				(OPT 6073-04 (V72962))							
				(OPT TLN1020L4W (V08524))							
				(USED WITH ITEMS 135, 140)							
150	H19700P4		.	NUT							4
				(V15653)							
				(SPEC BACN10MT4)							
				(OPT 52LH6073-048 (V72962))							
				(OPT 53488N428 (V56878))							
				(OPT TLN1020L4N (V97928))							
				(USED WITH ITEMS 135, 140)							
155	BACB30VF3K12		.	BOLT							4
160	BACB30VF3K13		.	BOLT							4
165	BACB30VF3K4		.	BOLT							32
170	BACR15BA3AD		.	RIVET							80
				(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		
1-											
175	BRFM20C3D		.	NUTPLATE							40
				(V52828)							
				(SPEC BACN10JN3CD)							
				(OPT 102F9201M3 (V72962))							
				(OPT NS202487-02 (V80539))							
				(OPT MF51637-3 (V15653))							
				(OPT MF53050-3CD (V15653))							
180	BACS40R013F061F		.	SHIM							1
185	BACS40R011F061F		.	SHIM							1
190	65C35715-1		.	RIB ASSY-ATTACH					A, C, E, G		1
-195	65C35715-2		.	RIB ASSY-ATTACH					B, D, F, H		1
200	BACB28A~ W14A045C		.	BUSHING							1
205	65C35715-3		.	RIB					A, C, E, G		1
-210	65C35715-4		.	RIB					B, D, F, H		1
215	BACB30MR4K13		.	BOLT							1
220	BACW10BP4DP		.	WASHER							1
225	NAS1805-4L		.	NUT							1
230	CR603010		.	NUT							1
				(V62554)							
				(SPEC BACN10HR10CD)							
				(OPT H51560-10 (V15653))							
				(OPT 102LH9031-10 (V72962))							
				(OPT 67832CD1018 (V56878))							
				(OPT BH00303CM10 (V27238))							
				(OPT SL7108C10 (V11815))							
				(OPT VCU0005D10 (V06710))							
				(OPT BMN10HRCWD3-10 (V97928))							
235	65C35724-1		.	WASHER							1
240	65C35718-1		.	FITTING ASSY-TRACK							1
245	MS14103-5		.	BEARING							2
250	65C35718-2		.	FITTING							1
255	BACB30VF3K8		.	BOLT							2
260	SL4123-3		.	NUT-BARREL							2
				(V97393)							
				(OPT ITEM 260A)							

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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-											
-260A	F2552-02		.	NUT-BARREL							2
				(V72962)							
				(OPT ITEM 260)							
265	SLR4123-3		.	RETAINER							2
				(V97393)							
				(USED WITH ITEM 260)							
-265A	2552-02RET		.	RETAINER							2
				(V72962)							
				(USED WITH ITEM 260A)							
270	BACB30NN4K11		.	BOLT							2
				(OPT ITEM 271)							
271	MS21140-0811P		.	FASTENER							2
				(OPT ITEM 270)							
275	BACB30NN4K14		.	BOLT							2
				(OPT ITEM 276)							
276	MS21140-0814P		.	FASTENER							2
				(OPT ITEM 275)							
280	AS46-4		.	WASHER							4
				(V10630)							
				(SPEC BACW10AU4)							
				(OPT K19701P4 (V15653))							
				(OPT 53488W428 (V56878))							
				(OPT 6073-04 (V72962))							
				(OPT TLN1020L4W (V08524))							
				(USED WITH ITEMS 270, 275)							
285	H19700P4		.	NUT							4
				(V15653)							
				(SPEC BACN10MT4)							
				(OPT 52LH6073-048 (V72962))							
				(OPT 53488N428 (V56878))							
				(OPT TLN1020L4N (V97928))							
				(USED WITH ITEMS 270, 275)							
290	BACB30VF3K11		.	BOLT							4
295	BACB30VF3K14		.	BOLT							4
300	BACB30VF3K4		.	BOLT							30
305	BACR15BA3AD		.	RIVET							76
				(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		
1-											
310	BRFM20C3D		.	NUTPLATE							38
				(V52828)							
				(SPEC BACN10JN3CD)							
				(OPT 102F9201M3 (V72962))							
				(OPT NS202487-02 (V80539))							
				(OPT MF51637-3 (V15653))							
				(OPT MF53050-3CD (V15653))							
315	BACS40R014F056F		.	SHIM							1
320	BACS40R012F068F		.	SHIM							1
325	65C35709-1		.	RIB ASSY-HINGE					A, C, E, G		1
-330	65C35709-2		.	RIB ASSY-HINGE					B, D, F, H		1
335	BACB30MR4K6		..	BOLT							2
340	65C35725-1		..	PLATE-FAILSAFE							1
345	65C35724-2		..	WASHER							1
350	H51560-7		..	NUT							1
				(V15653)							
				(SPEC BACN10HR7CD)							
				(OPT 67832CD720 (V56878))							
				(OPT 102LH9031-7 (V72962))							
				(OPT BH00303CM7 (V27238))							
				(OPT BMN5024CWD37 (V97928))							
				(OPT CR60307 (V62554))							
				(OPT SL7108C7 (V11815))							
				(OPT VCU0005D7 (V06710))							
				(OPT 102LH90317 (V72962))							
				(OPT 67832CD7 (V56878))							
				(OPT BMN10HRCWD3-7 (V97928))							
355	65C35723-1		..	FITTING ASSY-HINGE							1
360	BACB28AP06P017		...	BUSHING							2
365	65C35723-2		...	FITTING							1
370	BACR15BA3AD		..	RIVET							4
				(SIZE DETERMINED ON INST)							
370A	AF5141-3C3		..	RIVET							4
				(V53551)							
				(SPEC BACR15DR3AC3)							
				(OPT CCR264CS3-3IT (V11815))							
				(OPT RV541A3C3 (V98996))							

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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- 375	BRFM20C4D		.	.								2
380	65C35721-1		.	.						A, C, E, G		1
-385	65C35721-2		.	.						B, D, F, H		1
390	BACB28A~ W10A040C		.	.	.							1
395	65C35721-3		.	.	.					A, C, E, G		1
-400	65C35721-4		.	.	.					B, D, F, H		1
405	BACB30VF3K5		.									2
410	SL4123-3		.									2
-410A	F2552-02		.									2
415	SLR4123-3		.									2
-415A	2552-02RET		.									2
420	BACB30NN4K10		.									2
421	MS21140-0810P		.									2
425	BACB30NN4K13		.									2
426	MS21140-0813P		.									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			
1- 430	AS46-4		.	W	A	S	H	E	R		4	
				(V10630)	(SPEC BACW10AU4)	(OPT K19701P4 (V15653))	(OPT 53488W428 (V56878))	(OPT 6073-04 (V72962))	(OPT TLN1020L4W (V08524))	(USED WITH ITEMS 420, 425)		
435	H19700P4		.	N	U	T					4	
				(V15653)	(SPEC BACN10MT4)	(OPT 52LH6073-048 (V72962))	(OPT 53488N428 (V56878))	(OPT TLN1020L4N (V97928))	(USED WITH ITEMS 420, 425)			
440	BACB30VF3K10		.	B	O	L	T				4	
445	BACB30VF3K13		.	B	O	L	T				4	
450	BACB30VF3K4		.	B	O	L	T				26	
455	BACR15BA3AD		.	R	I	V	E	T			68	
				(SIZE DETERMINED ON INST)								
460	BRFM20C3D		.	N	U	T	P	L	A	T	34	
				(V52828)	(SPEC BACN10JN3CD)	(OPT 102F9201M3 (V72962))	(OPT NS202487-02 (V80539))	(OPT MF51637-3 (V15653))	(OPT MF53050-3CD (V15653))			
465	BACS40R011F061F		.	S	H	I	M				1	
470	BACS40R011F061F		.	S	H	I	M				1	
475	65C35716-1		.	R	I	B	A	S	S	A	A	1
									A, C, E, G			
-480	65C35716-2		.	R	I	B	A	S	S	A	A	1
									B, D, F, H			
485	BACB28A~ W14A045C		.	.	B	U	S	H	I	N	1	
490	65C35716-3		.	.	R	I	B				1	
									A, C, E, G			
-495	65C35716-4		.	.	R	I	B				1	
									B, D, F, H			
500	BACB30MR4K13		.	B	O	L	T				1	
505	BACW10BP4DP		.	W	A	S	H	E	R		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-											
565	AS46-4		.	WASHER							4
				(V10630)							
				(SPEC BACW10AU4)							
				(OPT K19701P4 (V15653))							
				(OPT 53488W428 (V56878))							
				(OPT 6073-04 (V72962))							
				(OPT TLN1020L4W (V08524))							
				(USED WITH ITEMS 555, 560)							
570	H19700P4		.	NUT							4
				(V15653)							
				(SPEC BACN10MT4)							
				(OPT 52LH6073-048 (V72962))							
				(OPT 53488N428 (V56878))							
				(OPT TLN1020L4N (V97928))							
				(USED WITH ITEMS 555, 560)							
575	BACB30VF3K10		.	BOLT							4
580	BACB30VF3K13		.	BOLT							4
585	BACB30VF3K4		.	BOLT							22
590	BACR15BA3AD		.	RIVET							60
				(SIZE DETERMINED ON INST)							
595	BRFM20C3D		.	NUTPLATE							30
				(V52828)							
				(SPEC BACN10JN3CD)							
				(OPT 102F9201M3 (V72962))							
				(OPT NS202487-02 (V80539))							
				(OPT MF51637-3 (V15653))							
				(OPT MF53050-3CD (V15653))							
600	BACS40R012F054F		.	SHIM							1
605	BACS40R012F068F		.	SHIM							1
610	65C35710-1		.	RIB ASSY-HINGE					A, C, E, G		1
-615	65C35710-2		.	RIB ASSY-HINGE					B, D, F, H		1
620	BACB30MR4K6		.	BOLT							2
625	65C35725-2		.	PLATE-FAILSAFE							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-											
735	BRFM20C3D		.	NUTPLATE							30
				(V52828)							
				(SPEC BACN10JN3CD)							
				(OPT 102F9201M3 (V72962))							
				(OPT NS202487-02 (V80539))							
				(OPT MF51637-3 (V15653))							
				(OPT MF53050-3CD (V15653))							
740	BACS40R012F061F		.	SHIM							1
745	BACS40R010F061F		.	SHIM							1
750	65C35717-1		.	RIB ASSY-ATTACH					A, C, E, G		1
-755	65C35717-2		.	RIB ASSY-ATTACH					B, D, F, H		1
760	BACB28A~ W14A033C		.	BUSHING							1
765	65C35717-3		.	RIB					A, C, E, G		1
-770	65C35717-4		.	RIB					B, D, F, H		1
775	BACB30MR4K11		.	BOLT							1
780	NAS1805-4L		.	NUT							1
782	BACF3H06JF005HN		.	FILLER							1
785	CR603010		.	NUT							1
				(V62554)							
				(SPEC BACN10HR10CD)							
				(OPT H51560-10 (V15653))							
				(OPT 102LH9031-10 (V72962))							
				(OPT 67832CD1018 (V56878))							
				(OPT BH00303CM10 (V27238))							
				(OPT SL7108C10 (V11815))							
				(OPT VCU0005D10 (V06710))							
				(OPT BMN10HRCWD3-10 (V97928))							
790	65C35724-1		.	WASHER							1
795	BACS40R006A007F		.	SHIM							1
800	69-78488-1		.	RETAINER					A, C, E, G		1
-805	69-78488-2		.	RETAINER					B, D, F, H		1
806	BACR15BA3AD		.	RIVET							2
				(SIZE DETERMINED ON INST)							
				(OPT ITEM 806A)							

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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- -806A	AF5141-3C		.	.								2
807	BRFM20C3D		.	.								1
810	65C35720-1		.									1
815	MS14103-5		.	.								2
820	65C35720-2		.	.								1
825	NAS623-4-9		.									2
830	BACB30VF3K4		.									5
835	BACB30VF3K6		.									1
840	BACR15BA3AD		.									16
845	BRFM20C3D		.									8
850	65C35703-13		.									1
855	65C35703-14		.									1
860	BACB30NN4K6		.									1
861	MS21140-0806P		.									1
865	BACR15BA3AD		.									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		
1-											
870	BRFM20C4D		.	NUTPLATE (V52828) (SPEC BACN10JN4CD) (OPT T8301C428CD (V11815)) (OPT 102F9201M4 (V72962)) (OPT NS202487-048 (V80539)) (OPT MF51637-4 (V15653)) (OPT MF53050-4CD (V15653)) (USED WITH ITEM 860)							1
875	65C35703-11		.	FILLER						A, C, E, G	1
-880	65C35703-12		.	FILLER						B, D, F, H	1
885	65C33897-1		.	STOP ASSY (OPT ITEM 885A)						A, C, E, G	1
-885A	69-62750-5		.	STOP ASSY (OPT ITEM 885)						A, C, E, G	1
-890	65C33897-2		.	STOP ASSY (OPT ITEM 890A)						B, D, F, H	1
-890A	69-62750-6		.	STOP ASSY (OPT ITEM 890)						B, D, F, H	1
895	66-25179-1		.	BOLT							1
900	BACW10P321S		.	WASHER							1
905	BACW10BP4DP		.	WASHER							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- 910	H51560-4		. .	NUT							1
				(V15653)							
				(SPEC BACN10HR4CD)							
				(OPT 67832CD428 (V56878))							
				(OPT BMN5024CWD3-4 (V97928))							
				(OPT 102LH9031-4 (V72962))							
				(OPT BH00303CM4 (V27238))							
				(OPT BMN5024CW34 (V97928))							
				(OPT CR60304 (V62554))							
				(OPT H51560 (V15653))							
				(OPT SL7108C4 (V11815))							
				(OPT VCU0005D4 (V06710))							
				(OPT 102LH90314 (V72962))							
				(OPT 67832CD4 (V56878))							
				(OPT BH003024CD (V27238))							
				(OPT BMN10HR4CD (V97928))							
				(OPT CR59064CD (V62554))							
				(OPT H964CD (V15653))							
				(OPT RMLH224CD (V72962))							
				(OPT VAL280094CD (V06710))							
				(OPT 678324CD (V56878))							
915	KSC151706V		. .	BEARING							1
				(V50632)							
				(OPT ITEM 915A)							
-915A	LA4190A		. .	BEARING							1
				(V55231)							
				(OPT ITEM 915)							
920	65C33897-3		. .	STOP					A, C, E, G		1
				(USED ON ITEM 885)							
-920A	69-62750-7		. .	STOP					A, C, E, G		1
				(USED ON ITEM 885A)							
-925	65C33897-4		. .	STOP					B, D, F, H		1
				(USED ON ITEM 890)							
-925A	69-62750-8		. .	STOP					B, D, F, H		1
				(USED ON ITEM 890A)							
930	65C35711-1		. .	RIB-END					A, C, E, G		1
-935	65C35711-2		. .	RIB-END					B, D, F, H		1
940	AF5140-3C3		. .	RIVET							4
				(V53551)							
				(SPEC BACR15DR3PAC3)							
				(OPT CCR274CS3-3IT (V11815))							
				(OPT RV540A3C3 (V98996))							

-Item not Illustrated

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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- 945	MS27253-1										1

-Item not Illustrated

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