

 **BOEING**  
COMPONENT  
MAINTENANCE MANUAL

TO: ALL HOLDERS OF STABILIZER CUTOFF SWITCH ASSEMBLY COMPONENT MAINTENANCE  
MANUAL 27-41-45

REVISION NO. 10 DATED MAR 01/04

HIGHLIGHTS

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

CHAPTER/SECTION

AND PAGE NO.

DESCRIPTION OF CHANGE

TITLE PAGE

Incorporated latest engineering changes and added top assemblies 253T2144-30 and -31.

1

DESCRIPTION & OPERATION

1

302

702-703,707-708

1002-1014,1017-1022,

1025-1027,1033-1036,

1041-1045,1051-1054

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HIGHLIGHTS

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# STABILIZER CUTOFF SWITCH ASSEMBLY

PART NUMBERS 253T2144-7,-8,-11,-12,-15,-16,  
-24 THRU -31

COMPONENT MAINTENANCE MANUAL  
WITH  
ILLUSTRATED PARTS LIST

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TITLE PAGE

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REVISION RECORD

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

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

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REVISION RECORD

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Jul 10/83



TEMPORARY REVISION AND SERVICE BULLETIN RECORD

BOEING SERVICE BULLETIN	BOEING TEMPORARY REVISION	OTHER DIRECTIVE	DATE OF INCORPORATION INTO MANUAL
		PRR B10517 PRR B11489 PRR B13106-7	APR 10/83 OCT 10/86 MAR 01/00

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TR & SB RECORD

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

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## INTRODUCTION

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

This manual is divided into separate sections:

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

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

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

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

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

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

Verification:

Disassembly	Sep 10/82
Assembly	Sep 10/82

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STABILIZER CUTOFF SWITCH ASSEMBLY

DESCRIPTION AND OPERATION

1. The stabilizer cutoff switch assembly consists of arm assemblies and switches. A cam on the elevator torque tube assembly operates the switches via arm assemblies. The switches actuate relays which are major parts of the control module for varying the horizontal stabilizer angle of attack.
2. Leading Particulars (Approximate)

Width -- 2 inches

Length -- 10 inches

Height -- 10 inches (assemblies 253T2144-8, -12, -16, -24, -26, -29, -31  
-- 6 inches (assemblies 253T2144-7, -11, -15, -25, -27, -28, -30)

Weight -- 7 pounds

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DISASSEMBLY

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

1. Disassembly (IPL Fig. 1) (Assemblies 253T2144-7, -8, -11, -12)

- A. Remove springs (75) from arm assemblies (105, 110).
- B. Remove screws (5), washers (20), nuts (25), spacers (10, 15, 100), switch guards (90A), and switches (95) from bracket assembly (55C).
- C. Remove bolts (30), washers (45), nuts (50), spacers (35, 40), and arm assemblies (105, 110) from bracket assembly (55C).
- D. Remove stops (85) and nuts (80) from arm assemblies (105, 110).

NOTE: Do not disassemble bracket assembly (55C) or arm assemblies (105, 110) unless necessary for repair or replacement.

2. Disassembly (IPL Fig. 2) (Assemblies 253T2144-15, -16)

- A. Remove spring (45) from arm assemblies (80).
- B. Remove screws (5), washers (10), nuts (30), spacers (15, 20, 25), switch guards (35), and switches (40) from bracket assembly (125).
- C. Remove bolts (60), washers (65), nuts (75), spacers (70, 72), and arm assemblies (80) from bracket assembly (125).
- D. Remove stops (55) and nuts (50) from arm assemblies (80).

NOTE: Do not disassemble bracket assembly (125) or arm assemblies (80) unless necessary for repair or replacement.

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**3. Disassembly (IPL Fig. 3) (Assemblies 253T2144-24, -27)**

- A. Remove springs (60A) from arm assemblies (90, 95, 100).
- B. Remove screws (5), washers (20), nuts (25), spacers (10, 15, 85), switch guards (75), and switches (80) from bracket assembly (170).
- C. Remove bolts (30A), washers (50), collar (55A), spacers (40, 45), and arm assemblies (90, 95, 100) from bracket assembly (170).
- D. Remove stops (70) and nuts (65) from arm assemblies (90, 95, 100).

**NOTE:** Do not disassemble bracket assembly (170) or arm assemblies (90, 95, 100) unless necessary for repair or replacement.

**4. Disassembly (IPL Fig. 4) (Assemblies 253T2144-25, -26, -29, -31)**

- A. Remove spring (60A) from arm assemblies (90, 95).
- B. Remove screws (5), washers (20A), nuts (25), spacers (10, 15, 85), switch guards (75), and switches (80) from bracket assembly (150).
- C. Remove bolts (48), washers (50A), collar (55A), spacers (35, 40, 45), and arm assemblies (90, 95) from bracket assembly (150).
- D. Remove stops (70) and nuts (65) from arm assemblies (90, 95).

**NOTE:** Do not disassemble bracket assembly (150) or arm assemblies (90, 95) unless necessary for repair or replacement.

**5. Disassembly (IPL Fig. 5) (Assemblies 253T2144-28, -30)**

- A. Remove spring (55) from arm assemblies (80, 85).

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- B. Remove screws (5), washers (20), nuts (25), spacers (10, 15, 78), switch gureards (70), and switches (75) from bracket assembly (145).
- C. Remove bolts (53A), washers (45), collar (50), spacers (35, 35, 40) and arm assemblies (80, 85) from braket assembly (145).
- D. Remove stops (65) and nuts (60) from arm assemblies (80, 85).

NOTE: Do not disassemble bracket assembly (145) or arm assemblies (80, 95) unless necessary for repair or replacement.

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CHECK

1. Check all parts for obvious defects in accordance with standard industry practices.
2. Magnetic particle check as shown in 20-20-01 -- Stops (85, IPL Fig. 1; IPL Fig. 2; 70, IPL Fig. 3; 70, IPL Fig. 4; 65, IPL Fig. 5)
3. Penetrant check as shown in SOPM 20-20-02 -- Spacers (40, IPL Fig. 1; 70, IPL Fig. 2; 45, IPL Fig. 3; 45, IPL Fig. 4; 40, IPL Fig. 5), retainers (135, IPL Fig. 1; 105, IPL Fig. 2; 135, IPL Fig. 3; 120, IPL Fig. 4; 115, IPL Fig. 5), arms (155, 160, 165, IPL Fig. 1; 120, IPL Fig. 2; 155, 160, 165, IPL Fig. 3; 140, 145, IPL Fig. 4; 135, 140, IPL Fig. 5).
4. Check spring (75A, IPL Fig. 1; 45, IPL Fig. 2; 60A, IPL Fig. 3; 60A, IPL Fig. 4; 55, IPL Fig. 5):
  - A. Free length between inside of loops:
    - (1) For 253T2163-1 -- 1.345 to 1.405 inches
    - (2) For 253T2163-2 -- 1.50 to 1.56 inches
  - B. Initial tension:
    - (1) For 253T2163-1 -- 0.84 to 1.14 pounds
    - (2) For 253T2163-2 -- 0.00 to 2.00 pounds
  - C. Load when extended to 2.02 to 2.08 inches:
    - (1) For 253T2163-1 at 2.05 inches -- 4.37 to 5.35 pounds
    - (2) For 253T2163-2 at 1.86 inches -- 5.00 to 6.10 pounds

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REPAIR – GENERAL1. Content

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

<u>P/N</u>	<u>NAME</u>	<u>REPAIR</u>
253T2137	ARM ASSEMBLY	1-1
253T2138	ARM ASSEMBLY	1-1
253T2144	ARM ASSEMBLY	2-1
- - -	MISC PARTS REFINISH	3-1

2. Standard Practices

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

20-30-02 Stripping of Protective Finishes  
 20-30-03 General Cleaning Procedures  
 20-41-01 Decoding Table for Boeing Finish Codes  
 20-42-03 Hard Chrome Plating  
 20-43-01 Chromic Acid Anodizing  
 20-50-01 Bolt and Nut Installation  
 20-50-03 Bearing Installation and Retention

3. Materials

NOTE: Equivalent substitutes may be used.

- A. Primer -- BMS 10-11, type 1 (Ref 20-60-02)  
 B. Sealant -- BMS 5-95 (Ref 20-60-04)

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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
≡	SYMMETRY		ON OTHER DIMENSIONS OR 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	$\boxed{\text{⊥}} \boxed{\text{∅}} \boxed{0.010} \boxed{\text{Ⓜ}} \boxed{A}$ $\boxed{0.510} \boxed{\text{Ⓟ}}$	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	$\boxed{2.000}$	THEORETICALLY EXACT DIMENSION IS 2.000
$\boxed{\text{⌒}} \boxed{0.020} \boxed{A}$	SURFACES MUST LIE WITHIN PARALLEL BOUNDARIES 0.020 INCH APART AND EQUALLY DISPOSED ABOUT TRUE PROFILE	OR $\boxed{2.000}$ BSC	

True Position Dimensioning Symbols  
Figure 601

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REPAIR-GENERAL

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ARM ASSEMBLY – REPAIR 1-1

251T2137-1, -5, -6  
251T2138-1, -7

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

1. Bearing Replacement (IPL Fig. 1, Fig. 601)

- A. Remove rivet (150A) and bearing (145) from arm assembly (120 or 125).
- B. If retainer (135) is being replaced, remove rivets (140) and retainer (135) from arm assembly (120 or 125). Install new retainer (135) on arm assembly (120 or 125) with rivets (140). Drill hole for rivet (150A) as shown.
- C. Install new bearing (145) between arm (155 or 160) and retainer (135) with rivet (150A).
- D. Check that bearing (145) turns freely after assembly.

2. Bearing Replacement (IPL Fig. 2, Fig. 601)

- A. Remove rivet (110) and bearing (115) from arm assembly (90).
- B. If retainer (105) is being replaced, remove rivets (100) and retainer (105) from arm assembly (90). Install new retainer (105) on arm assembly (90) with rivets (100). Drill hole for rivet (110) as shown.
- C. Install new bearing (115) between arm (120) and retainer (105) with rivet (110).
- D. Check that bearing (115) turns freely after assembly.

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**3. Bearing Replacement (IPL Fig. 3, Fig. 601)**

- A. Remove rivet (150) and bearing (145) from arm assembly (110, 115 or 120).
- B. If retainer (135) is being replaced, remove rivets (140) and retainer (135) from arm assembly (110, 115 or 120). Install new retainer (135) on arm assembly (110, 115, or 120) with rivets (140). Drill hole for rivet (150) as shown.
- C. Install new bearing (145) between arm (155 or 160 or 165) and retainer (135) with rivet (150).
- D. Check that bearing (145) turns freely after assembly.

**4. Bearing Replacement (IPL Fig. 4, Fig. 601)**

- A. Remove rivet (135) and bearing (130) from arm assembly (105 or 110).
- B. If retainer (120) is being replaced, remove rivets (125) and retainer (120) from arm assembly (105 or 110). Install new retainer (120) on arm assembly (105 or 110) with rivets (125). Drill hole for rivet (135) as shown.
- C. Install new bearing (130) between arm (140 or 145) and retainer (120) with rivet (135).
- D. Check that bearing (130) turns freely after assembly.

**5. Bearing Replacement (IPL Fig. 5, Fig. 601)**

- A. Remove rivet (130) and bearing (125) from arm assembly (95 or 100).
- B. If retainer (115) is being replaced, remove rivets (120) and retainer (115) from arm assembly (95 or 100). Install new retainer (115) on arm assembly (95 or 100) with rivets (120). Drill hole for rivet (130) as shown.

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- | C. Install new bearing (125) between arm (135 or 140) and retainer (115) with rivet (130).
- | D. Check that bearing (125) turns freely after assembly.

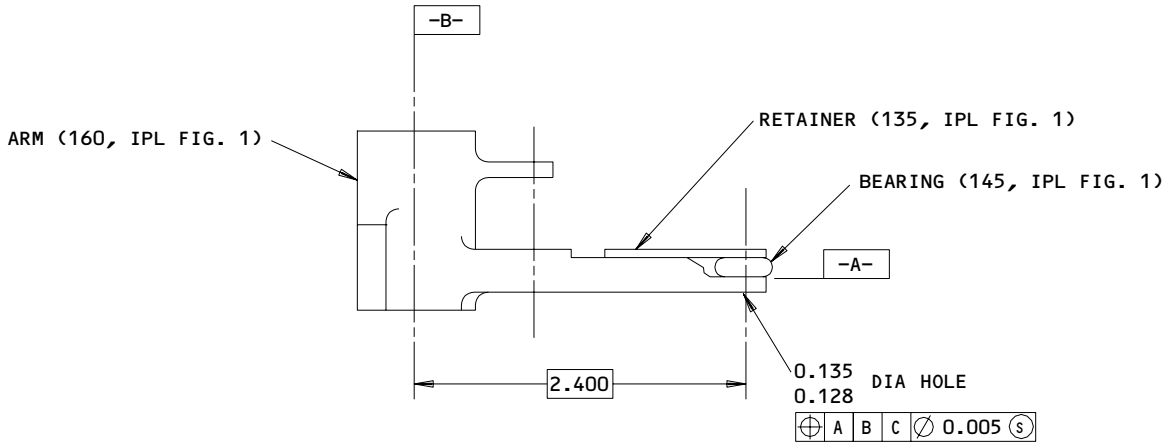
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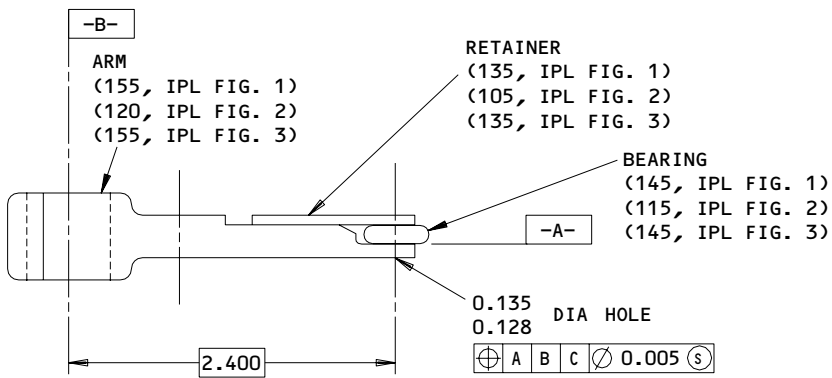
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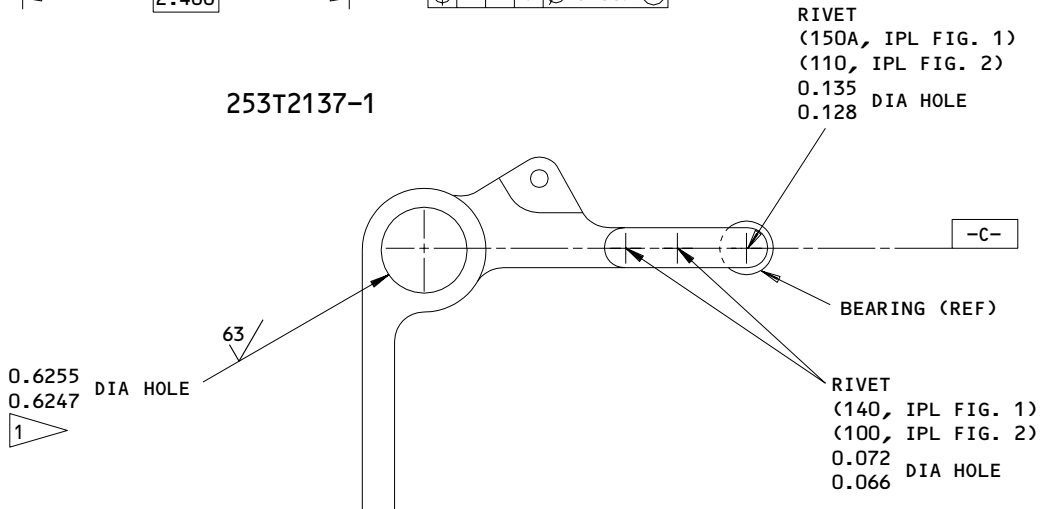
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253T2138-1



253T2137-1



**REFINISH**

ANODIZE (F-17.05) AND APPLY ONE COAT OF PRIMER, BMS 10-11, TYPE 1 (F-20.02) ON ARM (155, 160) UNLESS SHOWN DIFFERENTLY

1 OMIT PRIMER

MATERIAL: AL ALLOY

ALL DIMENSIONS ARE IN INCHES

251T2137-1,-5,-6; 251T2138-1,-7  
 Arm Assembly - Bearing Replacement  
 Figure 601 (Sheet 1)

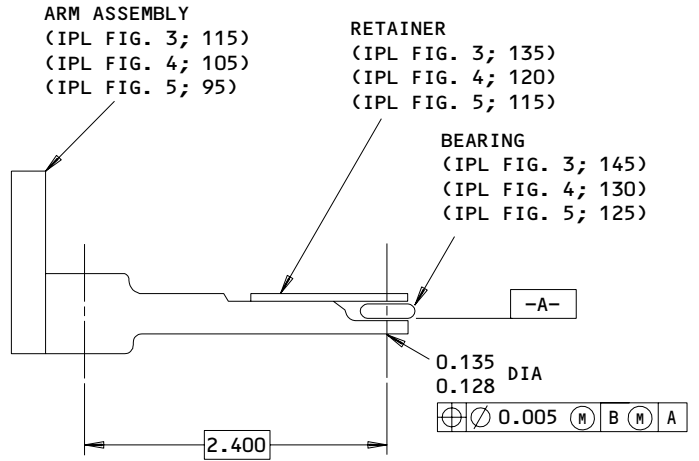
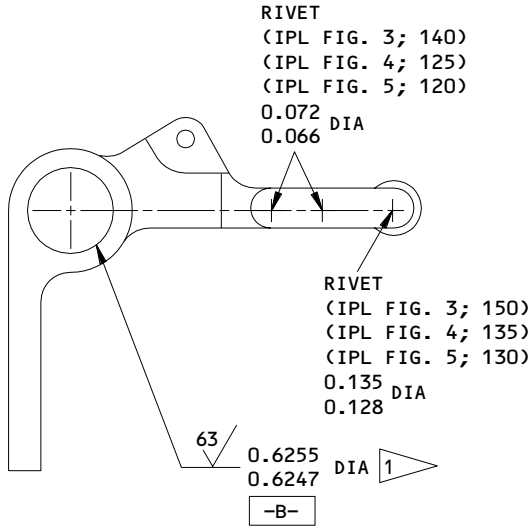
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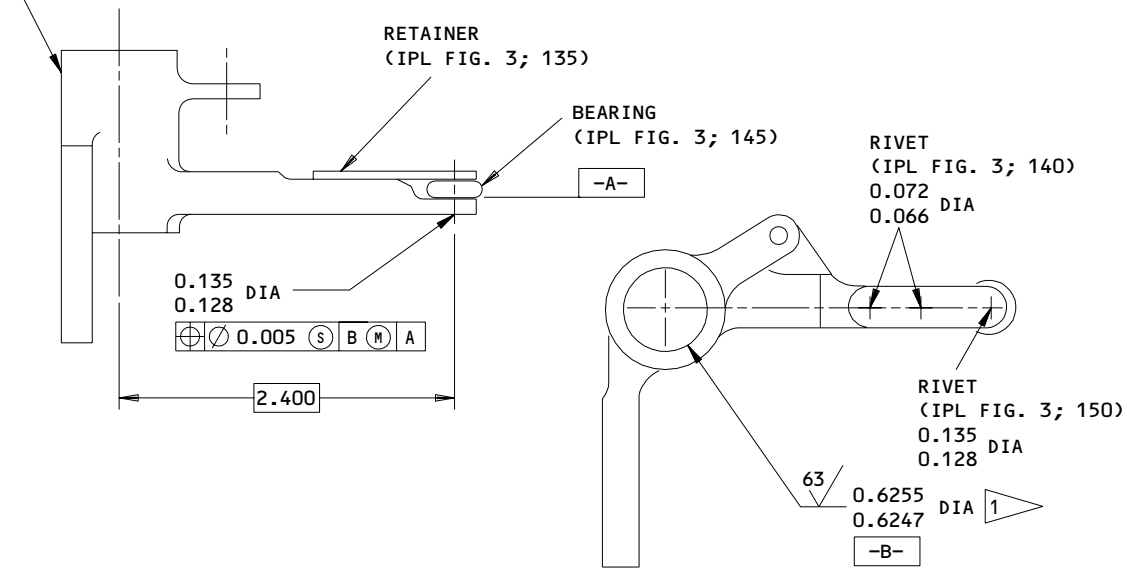
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ARM ASSEMBLY  
 (IPL FIG. 3; 120)

253T2137-5  
 253T2137-6 OPPOSITE



253T2138-7

**REFINISH**

ANODIZE (F-17.05) AND APPLY ONE COAT OF PRIMER, BMS 10-11, TYPE 1 (F-20.02) ON ARM (105,110,115,120) UNLESS SHOWN DIFFERENTLY

MATERIAL: AL ALLOY

ALL DIMENSIONS ARE IN INCHES

1 OMIT PRIMER

251T2137-1,-5,-6  
 251T2138-1,-7  
 Arm Assembly - Bearing Replacement  
 Figure 601 (Sheet 2)

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ARM ASSEMBLY – REPAIR 2-1

253T2144-2, -3, -13, -14, -21, -22, -23

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

1. Bushing Replacement (IPL Fig. 1, Fig. 601)

- A. Remove bushings (115) from arm assembly (120 or 125).
- B. Install new bushings onto arm assembly (120 or 125) as shown in 20-50-03 with BMS 5-95 sealant.

2. Bushing Replacement (IPL Fig. 2, Fig. 601)

- A. Remove bushings (85) from arm assembly (90).
- B. Install new bushings onto arm assembly (90) as shown in 20-50-03 with BMS 5-95 sealant.

3. Bushing Replacement (IPL Fig. 3, Fig. 601)

- A. Remove bushings (105) from arm assembly (110, 115 or 120).
- B. Install new bushings onto arm assembly (110, 115 or 120) as shown in 20-50-03 with BMS 5-95 sealant.

4. Bushing Replacement (IPL Fig. 4, Fig. 601)

- A. Remove bushings (100) from arm assembly (105 or 110).
- B. Install new bushings onto arm assembly (105 or 110) as shown in 20-50-03 with BMS 5-95 sealant.

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REPAIR 2-1

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5. Bushing Replacement (IPL Fig. 5, Fig. 601)
  - A. Remove bushings (90) from arm assembly (95 or 100).
  - B. Install new bushings onto arm assembly (95 or 100) as shown in 20-50-03 with BMS 5-95 sealant.

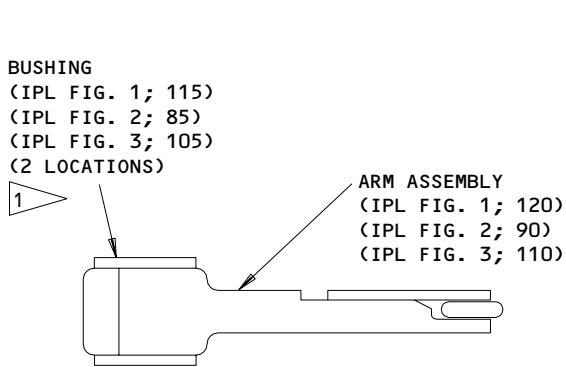
**27-41-45**

REPAIR 2-1

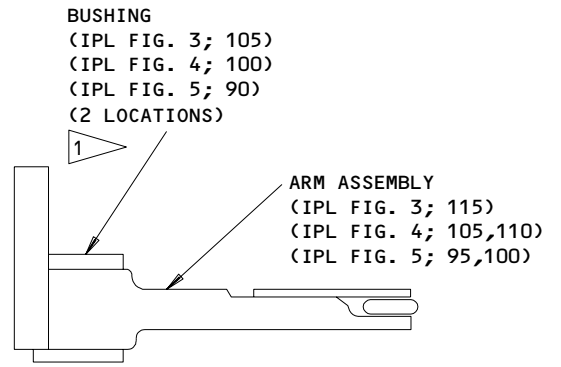
01.1

Page 602

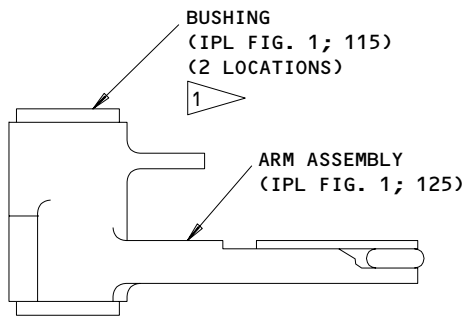
Mar 01/00



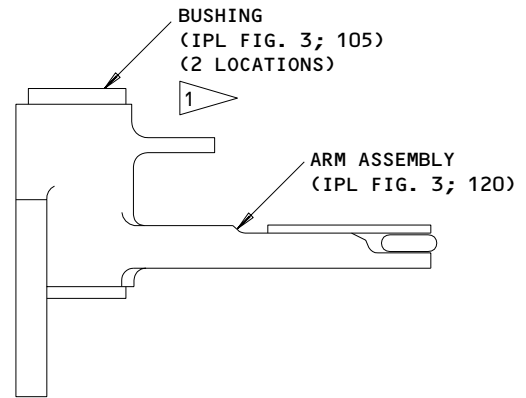
253T2144-3,-13



253T2144-21,-22



253T2144-2,-14



253T2144-23

1 INSTALL WITH BMS 5-95 SEALANT  
 AS SHOW IN SOPM 20-50-03

253T2144-2,-3,-13,-14,-21,-22,-23  
 Arm Assembly - Bushing Replacement  
 Figure 601

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MISC PARTS REFINISH - REPAIR 3-1

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

IPL FIG. & ITEM	MATERIAL	FINISH
Spacer (40, IPL Fig. 1; 70, IPL Fig. 2; 45, IPL Fig. 3; 45, IPL Fig. 4; 40, IPL Fig. 5)	Al alloy	Chromic acid anodize and apply a layer of primer, BMS 10-11, type 1 (F-18.13), but no primer on ID of 0.25-inch hole and 0.497 inch OD surface.
Stop (85, IPL Fig. 1; 55, IPL Fig. 2; 70, IPL Fig. 3; 70, IPL Fig. 4; 65, IPL Fig. 5)	4340 bar 125-145 ksi	Cadmium plate (F-15.06).
Retainer (135, IPL Fig. 1; 105, IPL Fig. 2; 135, IPL Fig. 3; 120, IPL Fig. 4; 115, IPL Fig. 5)	Al alloy	Chromic acid anodize and apply a layer of primer, BMS 10-11, type 1 (F-18.13).
Panel, inboard (65A, IPL Fig. 1; 195, IPL Fig. 2; 240, IPL Fig. 3; 215, IPL Fig. 4; 190, IPL Fig. 5), Panel, outboard (70, IPL Fig. 1; 200, IPL Fig. 2; 245, IPL Fig. 3; 220, IPL Fig. 4; 195, IPL Fig. 5)	Al alloy	Treat surface and apply a layer of primer, BMS 10-11, type 1 (F-18.06).

Refinish Details  
Figure 601

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REPAIR 3-1

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ASSEMBLY1. Materials

NOTE: Equivalent substitutes may be used.

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

B. Sealant -- BMS 5-95 (Ref 20-60-04)

2. Assembly (IPL Fig. 1, Fig. 701) (Assemblies 253T2144-7, -8, -11, -12)

A. Install switches (95), switch guards (90A), and spacers (10, 15, 100) on bracket assembly (55C). Secure with screws (5), washers (20), and nuts (25) as shown.

B. Install stops (85) and nuts (80) on arm assemblies (105, 110).

NOTE: Stops (85) will be adjusted after installation of switches in the airplane.

C. Install arm assemblies (105, 110) and spacers (35, 40) on bracket assembly (55C). Secure with bolts (30), washers (45), and nuts (50).

D. Install springs (75) on arm assemblies (105, 110).

E. Tighten nuts (25) to 5 pound-inches above run-on torque and nuts (50) to 10 pound-inches above run-on torque.

3. Assembly (IPL Fig. 2, Fig. 701) (Assemblies 253T2144-15, -16)

A. Install switches (40), switch guards (35), and spacers (15, 20, 25) on bracket assembly (125). Secure with screws (5), washers (10), and nuts (30) as shown.

B. Install stops (55) and nuts (50) on arm assemblies (80).

NOTE: Stops (55) will be adjusted after installation of switches in the airplane.

C. Install arm assemblies (80) and spacers (70, 72) on bracket assembly (125). Secure with bolts (60), washers (65), and nuts (75).

D. Install spring (45) on arm assemblies (80).

E. Tighten nuts (30) to 5 pound-inches above run-on torque and nuts (75) to 10 pound-inches above run-on torque.

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4. Assembly (IPL Fig. 3, Fig. 701) (Assemblies 253T2144-24, -27)
- A. Install switches (80), switch guards (75), and spacers (10, 15, 85) on bracket assembly (170). Secure with screws (5), washers (20), and nuts (25) as shown.
  - B. Install stops (70) and nuts (65) on arm assemblies (90, 95, 100).  
**NOTE:** Stops (70) will be adjusted after installation of switches in the airplane.
  - C. Install arm assemblies (90, 95, 100) and spacers (35, 40, 45) on bracket assembly (170). Secure with bolts (30A), washers (50), and collars (55A).
  - D. Install springs (60A) on arm assemblies (90, 95, 100).
  - E. Tighten nuts (25) to 5 pound-inches above run-on torque.
5. Assembly (IPL Fig. 4, Fig. 701) (Assemblies 253T2144-25, -26, -29, -31)
- A. Install switches (80), switch guards (75), and spacers (10, 15, 85) on bracket assembly (150). Secure with screws (5), washers (20A), and nuts (25) as shown.
  - B. Install stops (70) and nuts (65) on arm assemblies (90, 95).  
**NOTE:** Stops (70) will be adjusted after installation of switches in the airplane.
  - C. Install arm assemblies (90, 95) and spacers (35, 40, 45) on bracket assembly (150). Secure with bolts (48), washers (50A), and collars (55A).
  - D. Install spring (60A) on arm assemblies (90, 95).
  - E. Tighten nuts (25) to 5 pound-inches above run-on torque.

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**6. Assembly** (IPL Fig. 5, Fig. 701) (Assemblies 253T2144-28, -30)

A. Install switches (75), switch guards (70), and spacers (10, 15, 78) on bracket assembly (145). Secure with screws (5), washers (20), and nuts (25) as shown.

B. Install stops (65) and nuts (60) on arm assemblies (80, 85).

**NOTE:** Stops (65) will be adjusted after installation of switches in the airplane.

C. Install arm assemblies (80, 85) and spacers (30, 35, 40) on bracket assembly (145). Secure with bolts (53A), washers (45), and collars (50).

D. Install nuts (25) to 5 pound-inches above run-on torque.

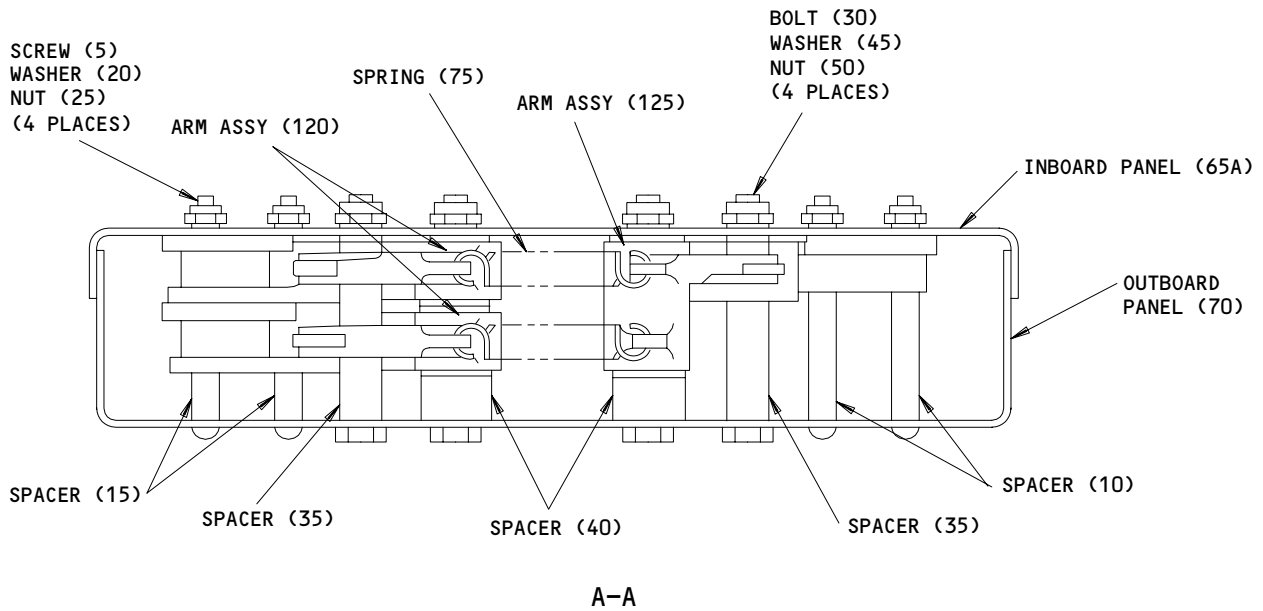
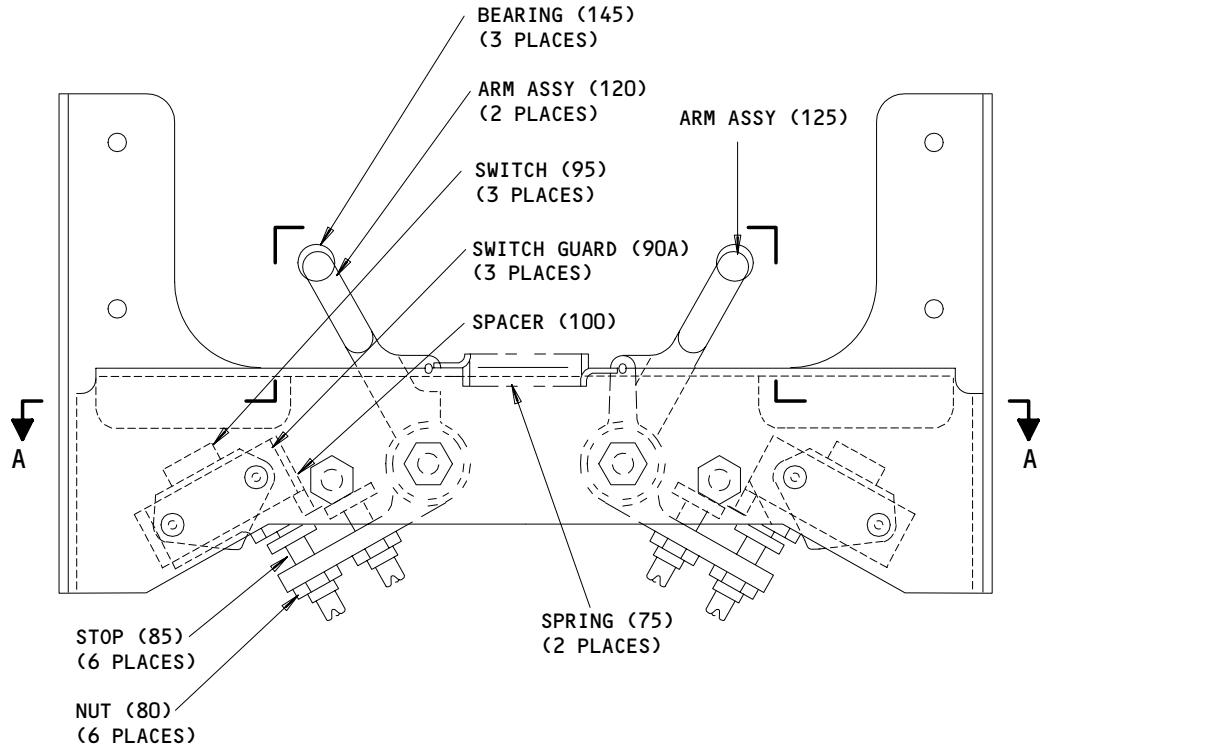
**7. Storage**

A. Prepare and store component in accordance with standard industry practices.

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**COMPONENT  
MAINTENANCE MANUAL**



253T2144-7,-8,-11,-12 ASSEMBLIES (IPL FIG. 1)

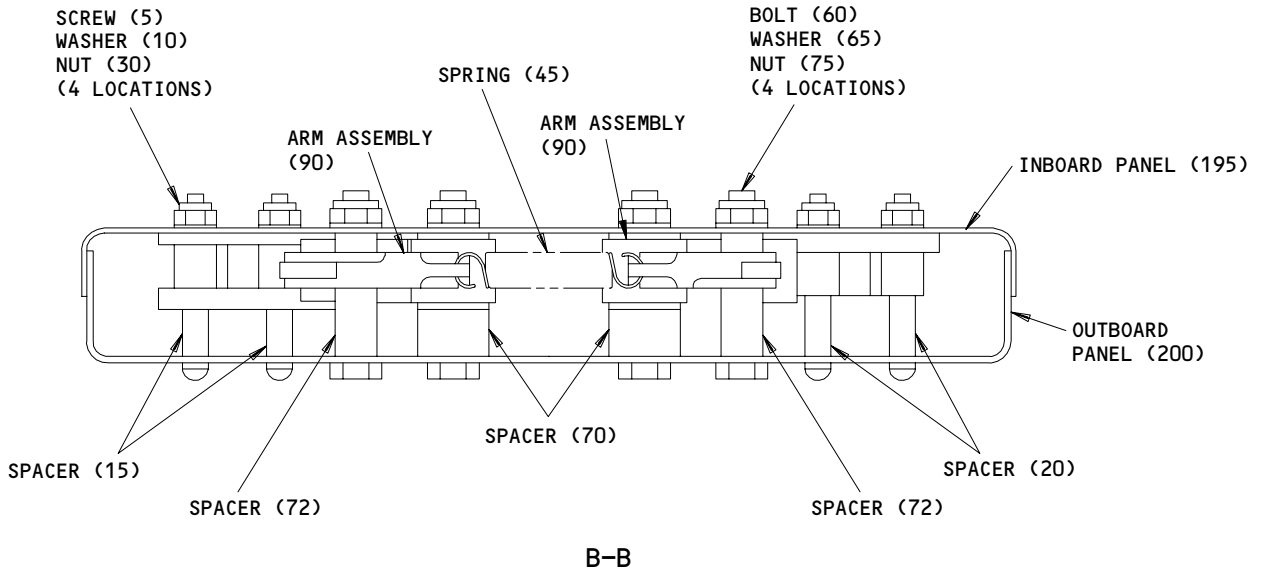
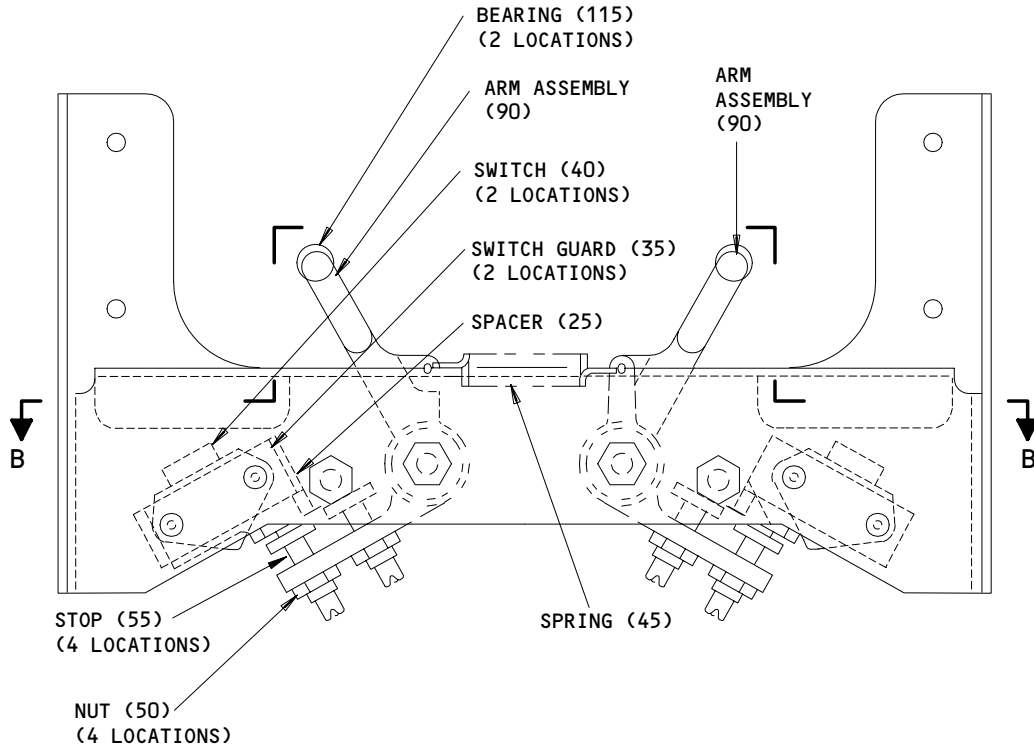
Switch - Assembly Detail  
Figure 701 (Sheet 1)

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ASSEMBLY  
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**BOEING**  
**COMPONENT  
 MAINTENANCE MANUAL**



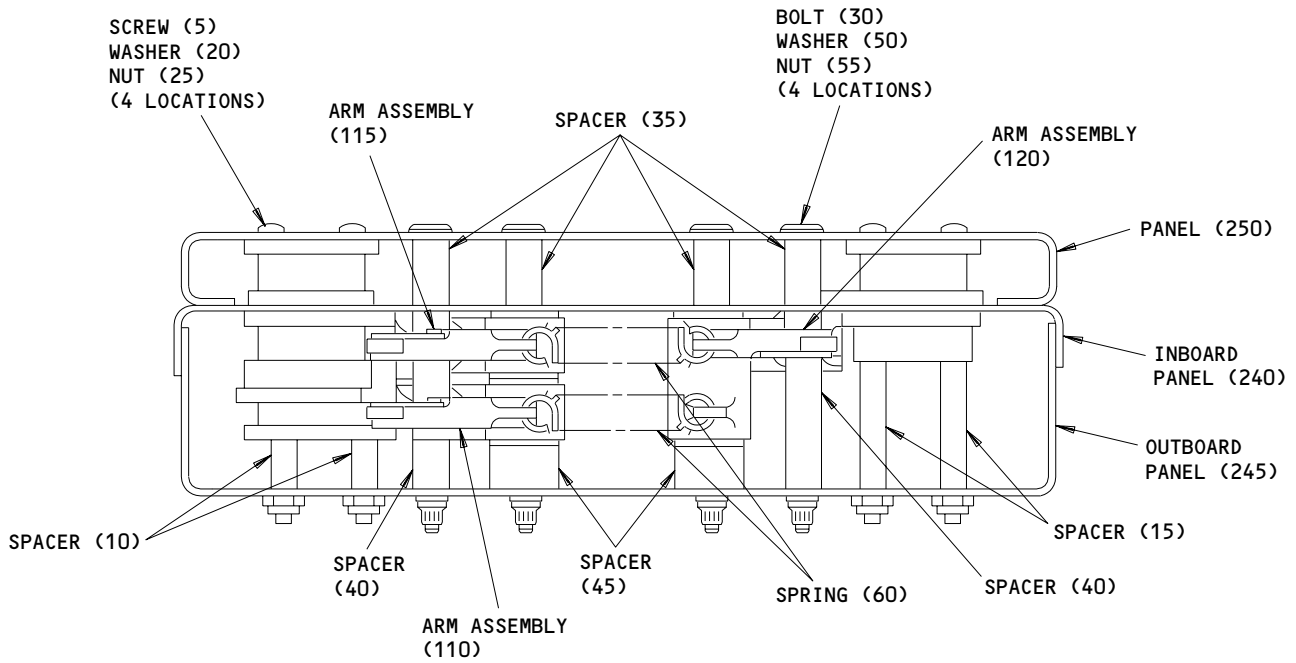
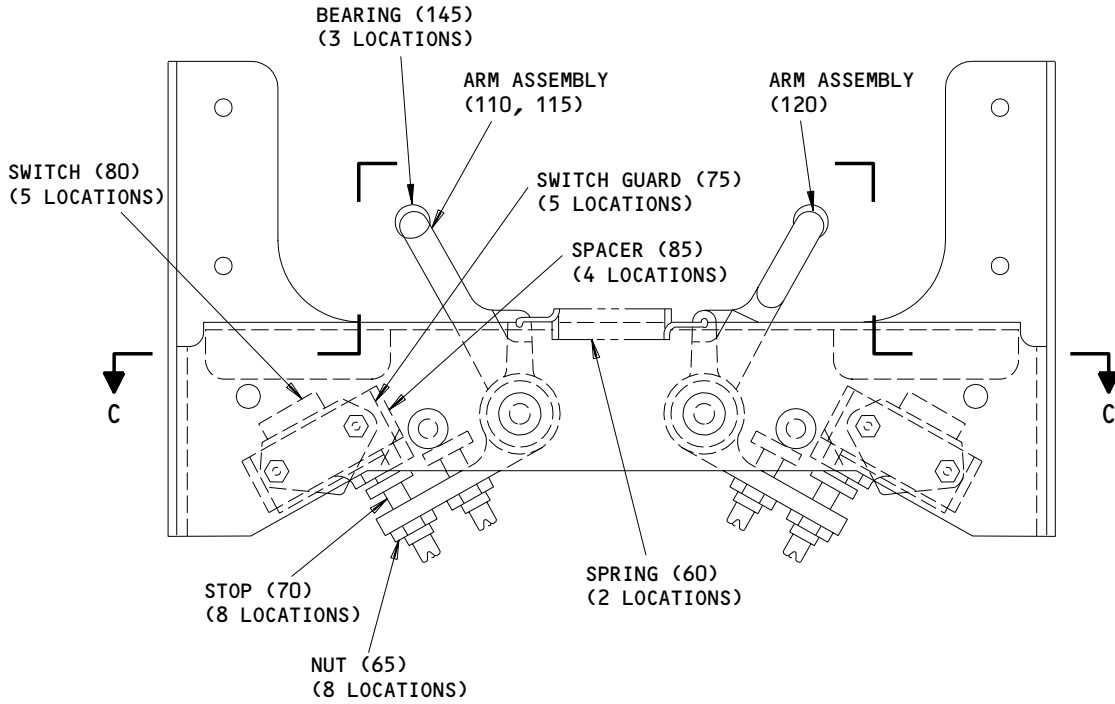
253T2144-15,-16 ASSEMBLIES (IPL FIG. 2)

Switch - Assembly Detail  
 Figure 701 (Sheet 2)

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ASSEMBLY  
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C-C

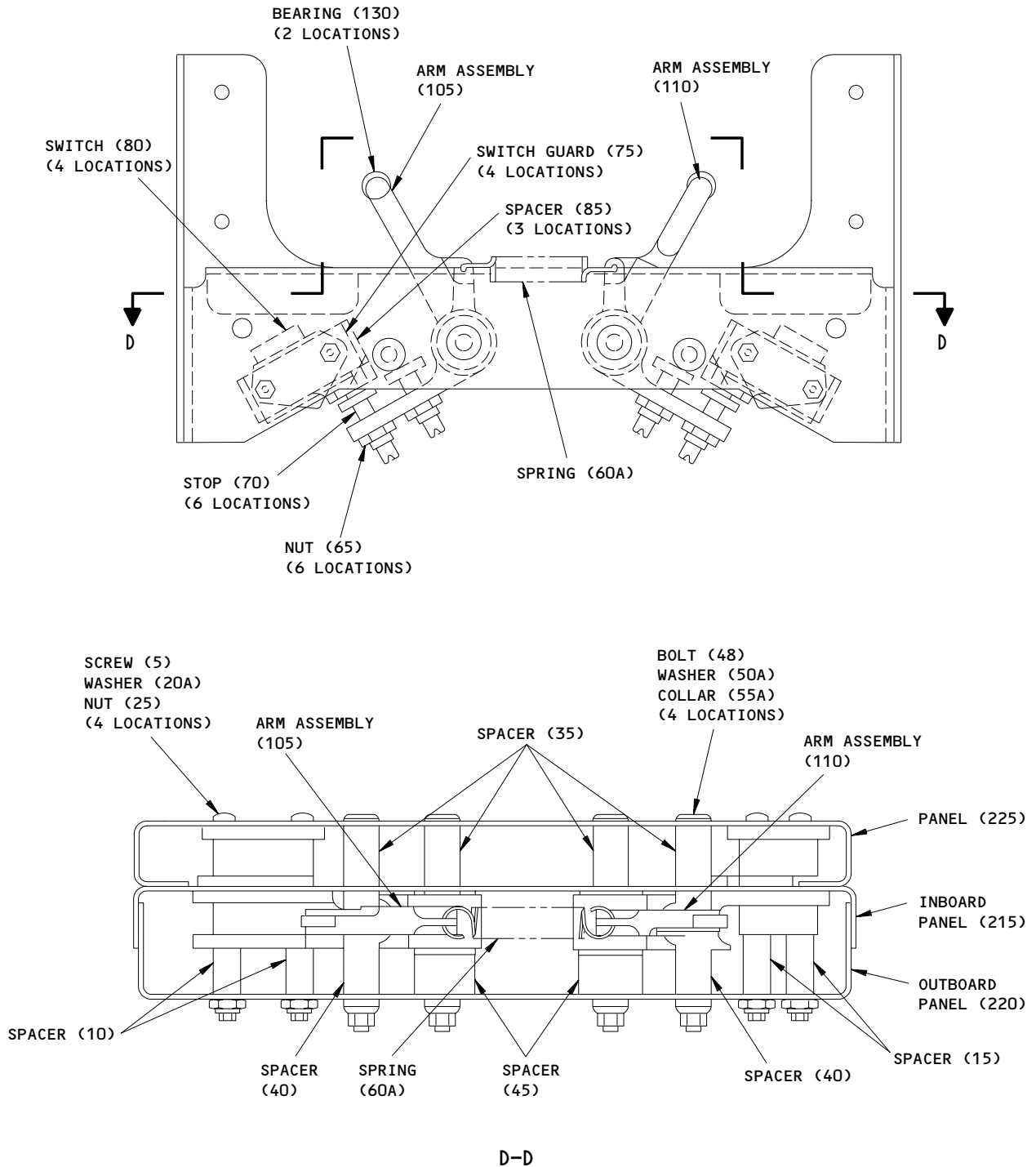
253T2144-24,-27 ASSEMBLIES (IPL FIG. 3)

Switch - Assembly Detail  
 Figure 701 (Sheet 3)

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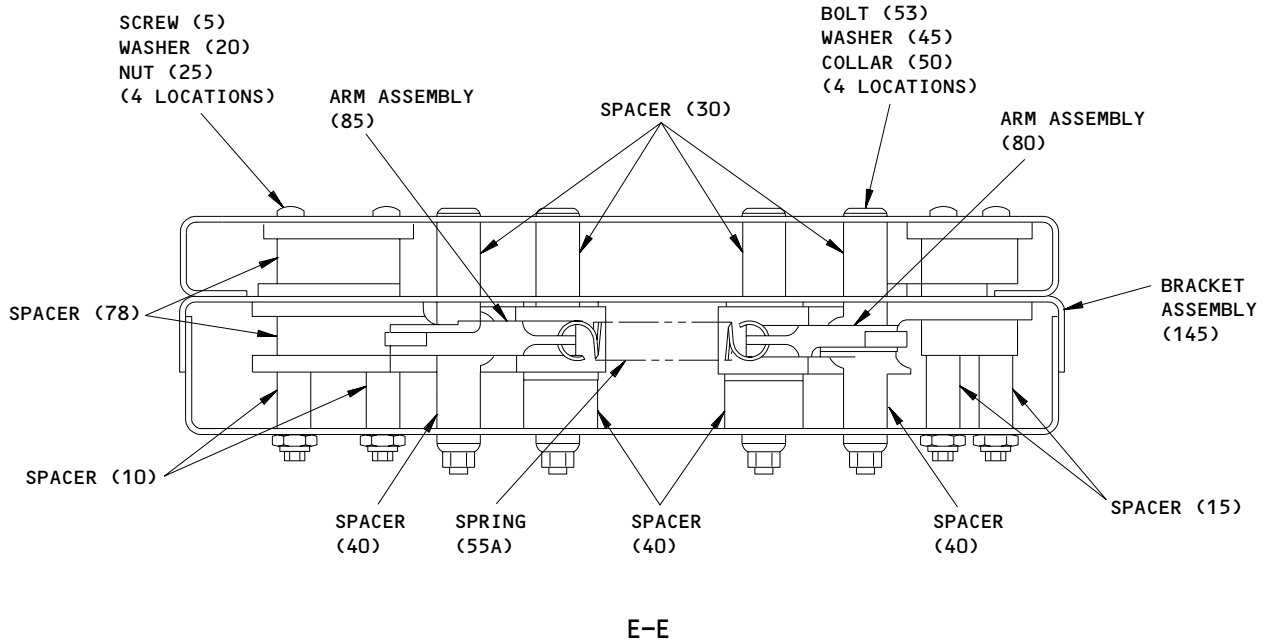
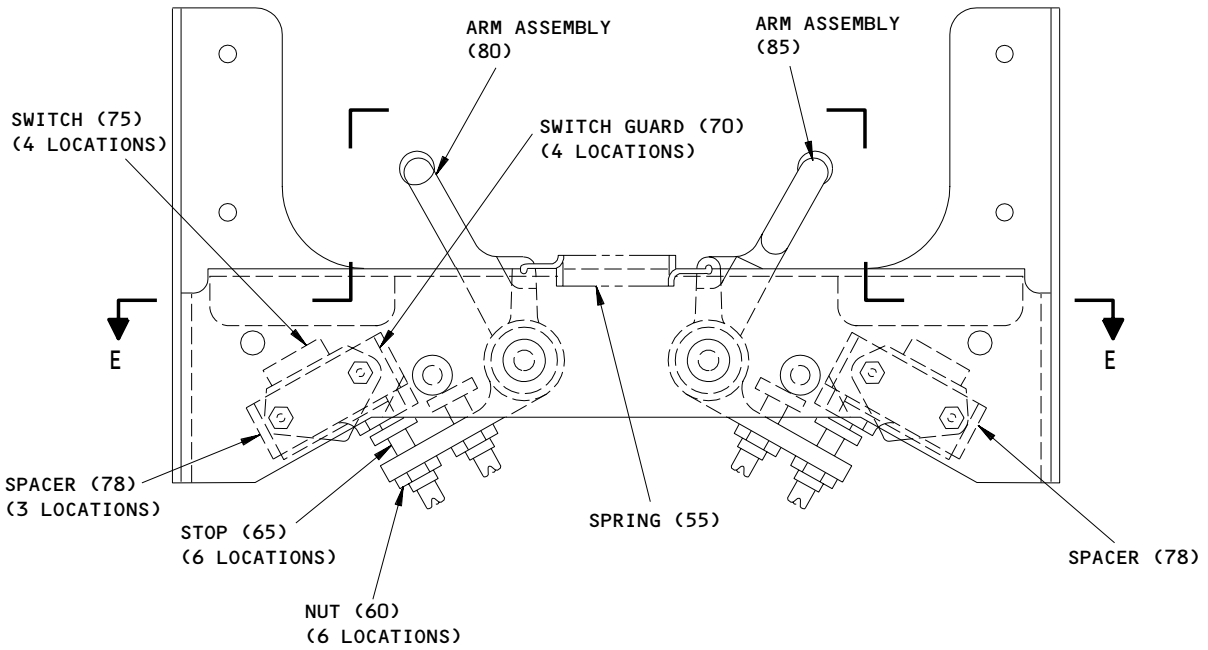
253T2144-25,-26,-29,-31 ASSEMBLIES (IPL FIG. 4)

Switch - Assembly Detail  
 Figure 701 (Sheet 4)

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253T2144-28,-30

Switch - Assembly Detail  
 Figure 701 (Sheet 5)


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ASSEMBLY  
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**BOEING**  
 COMPONENT  
 MAINTENANCE MANUAL
FITS AND CLEARANCES

FOR TORQUE VALUES OF STANDARD FASTENERS, REFER TO 20-50-01			
ITEM NO. IPL FIG.	NAME	TORQUE	
		POUND-INCHES 	POUND-FEET
IPL FIG. 1; 25	NUT	5	
IPL FIG. 1; 50	NUT	10	
IPL FIG. 2; 30	NUT	5	
IPL FIG. 2; 75	NUT	10	
IPL FIG. 3,4; 25	NUT	5	
IPL FIG. 5; 25	NUT	5	

 VALUE INDICATES ABOVE RUN-ON TORQUE

Torque Table  
Figure 801

**27-41-45**

FITS AND CLEARANCES  
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ILLUSTRATED PARTS LIST

1. This section lists and illustrates replaceable or repairable component parts. The Illustrated Parts Catalog contains a complete explanation of the Boeing part numbering system.
2. Indentures show parts relationships as follows:

Assembly

Detail Parts for Assembly

Subassembly

Attaching Parts for Subassembly

Detail Parts for Subassembly

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

3. One use code letter (A, B, C, etc.) is assigned in the EFF CODE column for each variation of top assembly. All listed parts are used on all top assemblies except when limitations are shown by use code letter opposite individual part entries.
4. Letter suffixes (alpha-variants) are added to item numbers for optional parts, Service Bulletin modification parts, configuration differences (except left- and right-hand parts), product improvement parts, and parts added between two sequential item numbers. The alpha-variant is not shown on illustrations when appearance and location of all variants of the part is the same.
5. Service Bulletin modifications are shown by the notations PRE SB XXXX and POST SB XXXX.
  - A. When a new top assembly part number is assigned by Service Bulletin, the notations appear at the top assembly level only. The configuration differences at detail part level are then shown by use code letter.
  - B. When the top assembly part number is not changed by the Service Bulletin, the notations appear at the detail part level.

6. Parts Interchangeability

Optional (OPT)	The parts are optional to and interchangeable with other parts having the same item number.
Supersedes, Superseded By (SUPSDS, SUPSD BY)	The part supersedes and is not interchangeable with the original part.
Replaces, Replaced By (REPLS, REPLD BY)	The part replaces and is interchangeable with, or is an alternate to, the original part.

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ILLUSTRATED PARTS LIST

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Jul 10/83

VENDORS

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

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

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

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

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

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

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

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

62554 SIMMONDS MECAERO FASTENERS INC  
1734 SEQUOIA AVENUE  
ORANGE, CALIFORNIA 92668

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

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

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

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

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

82647      TEXAS INSTRUMENT INC CONTROL PRODUCTS DIV  
 34 FOREST STREET MAIL 12-33  
 ATTLEBORO, MASSACHUSETTS 02703-2454  
 FORMERLY METALS & CONTROLS INC  
 FORMERLY IN MANSFIELD, MASSACHUSETTS  
 FORMERLY METALS AND CONTROLS CORP IN ATTLEBORO, MA V80602

83086      NEW HAMPSHIRE BALL BEARINGS, INCORPORATED  
 ROUTE 202  
 PETERBOROUGH, NEW HAMPSHIRE 03458

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

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 ILLUSTRATED PARTS LIST  
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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
AN960D416L		1	45	4
AN960D6L		1	20	4
AN960JD4L		3	180	2
		3	195	2
		4	160	2
		4	175	2
AN960JD416L		2	65	4
		3	50	4
AN960JD6L		2	10	4
		3	20	4
AN960PD4L		1	57	2
		1	58H	2
		2	135	2
		2	160	2
BACB30NR4K22		2	60	4
BACB30NR4K33		1	30	4
BACB30VT8K34		3	30A	4
BACB30VT8K35		4	48	4
		5	53A	4
BACC10DK2		3	78	1
		4	78	1
		5	73	1
BACC10DK3		3	79	1
		4	79	1
		5	74	1
BACC30BL8		3	55A	4
		4	55A	4
		5	50	4
BACN10JC06		1	25	4
BACN10JC3		1	80	6
BACN10JC3CD		2	50	4
BACN10JC4		1	50	4
BACN10JC4CD		2	75	4
BACN10JR3		1	64G	4
		2	185	4
		3	230	2
		4	205	2
		5	180	2

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**BOEING**  
 COMPONENT  
 MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
BACN10YR06CD		5	25	4
BACN10YR3CD		3	65	8
		4	65	6
		5	60	6
BACR15BA3AD		1	64	8
		2	180	8
		3	225	4
BACR15BA3AD		4	200	4
		5	175	4
BACR15BB2B		1	140	6
		2	100	4
		3	140	6
		4	125	4
		5	120	4
BACR15BB4B		1	56	2
		1	58G	2
		2	130	2
		2	155	2
		3	175	2
		3	190	2
		4	155	2
		4	170	2
		5	150	2
BACR15BB4B6		2	110	2
BACR15BB4D		1	62A	3
		1	64S	9
		2	145	3
		2	170	2
		2	190	9
		3	215	3
		3	235	15
		4	185	3
		4	186	2
		4	210	15
		5	165	5
		5	185	15

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ILLUSTRATED PARTS LIST

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
BACR15FT5D		1	60	2
		3	205	2
BACS12CK06-38		1	5	4
BCREFA2924		3	145D	1
BCREF11098		1	145C	2
		2	115B	2
		3	145E	2
		4	130C	2
		5	125B	2
BCREF116568		1	145F	1
BRH10A06		1	25	4
BRH10A3		1	80	6
BRH10A4		1	50	4
BRH10C4D		2	75	4
BR2000A3		1	64G	4
BR2000A3		2	185	4
		3	230	2
		4	205	2
		5	180	2
HST10AG8-34		3	30A	4
HST10AG8-35		4	48	4
		5	53A	4
HST79-8		3	55A	4
		4	55A	4
		5	50	4
HST79CY8		3	55A	4
		4	55A	4
		5	50	4
H10-06BAC		1	25	4
H10-3BAC		1	80	6
H10-4BAC		1	50	4
H51650-4BAC		2	75	4
H52732-06CD		5	25	4
H52732-3CD		3	65	8
		4	65	6
		5	60	6

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**BOEING**  
 COMPONENT  
 MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
K1000-3BAC		1	64G	4
		2	185	4
		3	230	2
		4	205	2
		5	180	2
MS21042L06		2	30	4
		3	25	4
		4	25	4
MS21209F1-10		1	130	6
MS21209F1-10		2	95	4
		3	125	2
		3	130	6
		4	115	6
		5	110	6
MS24586C112		1	75	2
		2	45A	1
MS35650-302		3	65A	8
		4	65A	6
		5	60A	6
NAS1149DN616J		4	20A	4
		5	20	4
NAS1149D0332J		3	77	2
		4	77	2
		5	72	2
NAS1149D0416J		4	50A	4
		5	45	4
NAS1149FN416J		5	155	1
NAS43DD1-32		1	15	2
		2	15	2
		3	10	2
		4	10	2
		5	10	2
NAS43DD1-32FC		4	10A	2
		5	10A	2
NAS43DD1-43		2	20	2
		4	15	2
		5	15	2
NAS43DD1-43FC		4	15A	2
		5	15A	2
NAS43DD1-89		1	10	2
		3	15	2
NAS43DD4-125		1	35	2
		3	40	2

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
NAS43DD4-46		3	35	4
		4	35	4
		5	30	4
NAS43DD4-46FC		4	35A	4
		5	30A	4
NAS43DD4-78		2	72	2
		4	40	2
		5	35	2
NAS43DD4-78FC		4	40A	2
		5	35A	2
NAS557-16A		4	197	1
NAS601-26P		2	5	4
NAS601-38P		4	5	4
		5	5	4
NAS601-50P		3	5	4
NAS623-3-4		3	76	2
		4	76	2
		5	71	2
NS103202-02		1	64G	4
		2	185	4
		3	230	2
		4	205	2
		5	180	2
NS202101-02		1	80	6
NS202101-048		1	50	4
NS202486-048		2	75	4
PLH506CD		5	25	4
PLH53CD		3	65	8
		4	65	6
		5	60	6
RMA9201-3		1	64G	4
		2	185	4
		3	230	2
		4	205	2
		5	180	2

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 COMPONENT  
 MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
RMLH9075-3W		1	80	6
RMLH9075-4W		1	50	4
RMLH9075-62W		1	25	4
SR2-6EE		1	145	2
		1	145D	1
		2	115	2
		3	145	2
		3	145C	1
		4	130	2
		5	125	2
SSRI618EEHA7P25		1	145F	1
		3	145D	1
SSR1-618EEHA7P2		1	145C	2
		3	145E	2
		4	130C	2
S618CE7		1	145G	2
		1	145H	1
		2	115C	2
		3	145F	2
		4	130D	2
		5	125C	2
T6C428JCD		2	75	4
T6S1032J		1	80	6
T6S428J		1	50	4
T6S632J		1	25	4
T8088S1032		1	64G	4
		2	185	4
		3	230	2
		4	205	2
		5	180	2
VN102A1-02		1	64G	4
		2	185	4
		3	230	2
		4	205	2
		5	180	2

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
VN303A02		1	80	6
VN303A048		1	50	4
VN303A62		1	25	4
10AT96-1		1	95	3
		2	40	2
		3	80	5
		4	80	4
		5	75	4
102LH9075-4W		2	75	4
253T2137-1		1	120	2
		2	90	2
		3	110	1
253T2137-2		1	155	2
		2	120	2
		3	155	1
253T2137-4		1	150A	3
		2	110	2
		3	150	3
		4	135	2
		5	130	2
253T2137-5		3	115	1
		4	105	1
		5	95	1
253T2137-6		4	110	1
		5	100	1
253T2137-7		4	140	1
		5	135	1
253T2137-8		3	160	1
253T2137-8		4	145	1
		5	140	1
253T2138-1		1	125	1
253T2138-2		1	160	1
253T2138-7		3	120	1
253T2138-8		3	165	1
253T2139-1		1	85	6
		2	55	4
		3	70	8
		4	70	6
		5	65	6

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
253T2139-2		3	70A	8
		4	70A	6
		5	65A	6
253T2139-3		3	70B	8
		4	70B	6
		5	65B	6
253T2139-4		4	70C	6
		5	65C	6
		1	40	2
253T2140-1		1	40	2
253T2140-2		2	70	2
253T2140-3		3	45	2
253T2140-4		4	45	2
253T2141-2		5	40	2
		1	90A	3
		2	35	2
253T2141-3		1	90B	3
		2	35A	2
		3	75	5
		4	75	4
		5	70	4
253T2142-10		1	65A	1
253T2142-11		1	55E	1
253T2142-12		1	55F	1
253T2142-13		1	65B	1
253T2142-15		2	195	1
		2	175	1
		4	190	1
		5	170	1
		2	125	1
253T2142-16		2	125	1
253T2142-19		2	200B	1
253T2142-20		4	220	1
		5	195	1
		3	170	1
253T2142-22		4	150A	1
253T2142-23		4	150	1
253T2142-24		3	240	1
		4	215	1
		5	190	1

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
253T2142-25		3	250	1
		4	225	1
		5	200	1
253T2142-27		5	145	1
253T2142-29		4	196	1
253T2142-3		1	70	1
		3	245	1
253T2142-30		4	150B	1
253T2142-6		1	63A	1
		2	150	1
		3	220	1
		4	195	1
253T2142-7		1	61	1
		3	210	1
253T2142-8		1	55D	1
253T2143-1		1	135	3
		2	105	2
		3	135	3
		4	120	2
		5	115	2
253T2144-11		1	1H	RF
253T2144-13		1	110A	2
		3	90	1
253T2144-14		1	105A	1
253T2144-15		1	1K	RF
		2	1	RF
253T2144-16		1	1L	RF
		2	1A	RF
253T2144-2		1	105	1
253T2144-21		3	95	1
		4	90	1
		5	80	1
		4	95	1
253T2144-22		5	85	1
		3	100	1
253T2144-23		1	1S	RF
253T2144-24		3	1C	RF
		1	1T	RF
253T2144-25		4	1B	RF
		1	1U	RF
253T2144-26		4	1C	RF
		1	1R	RF
253T2144-27		3	1B	RF

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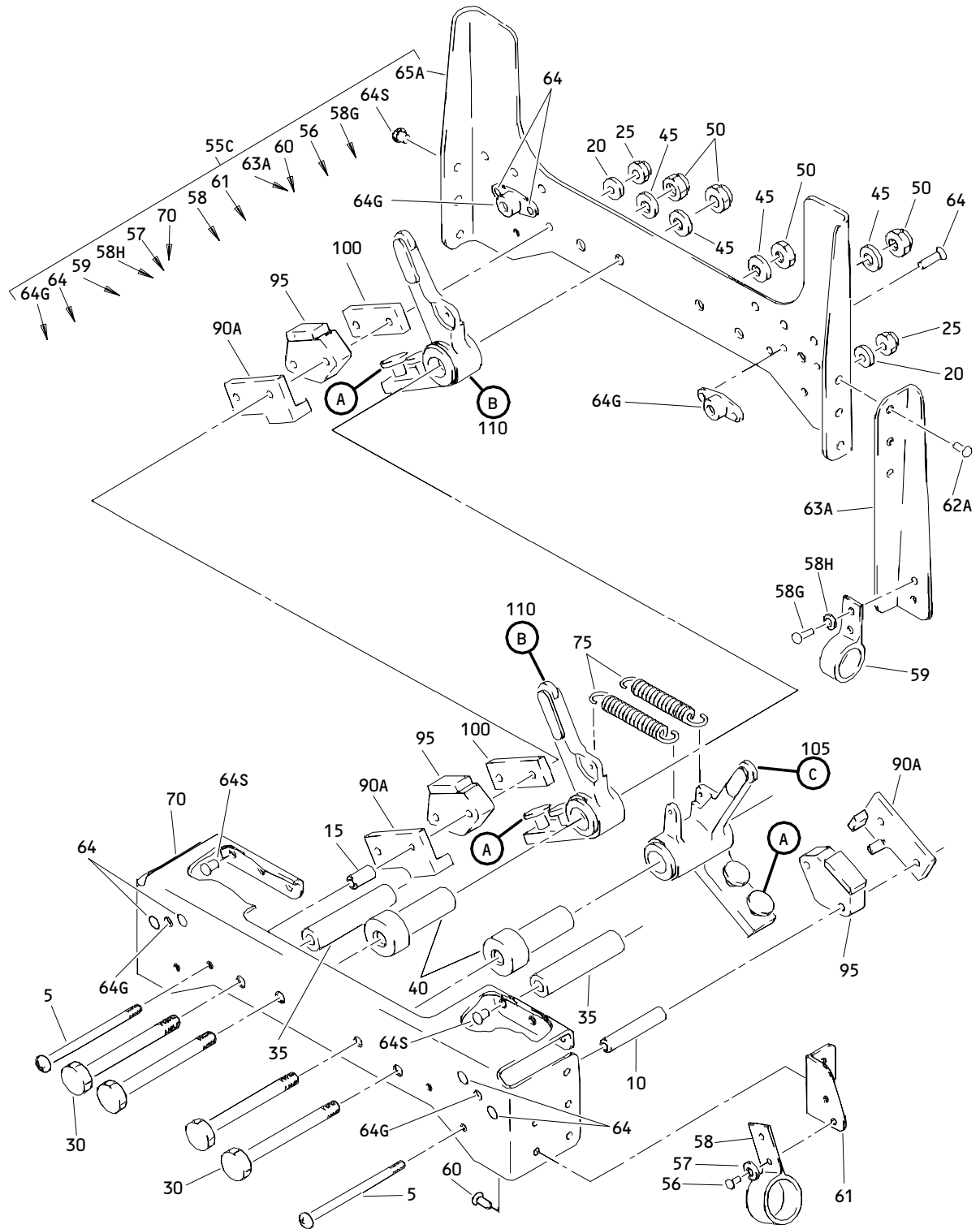
PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
253T2144-28		1	1V	RF
		5	1A	RF
253T2144-29		1	1W	RF
		4	1D	RF
253T2144-3		1	110	2
		2	80	2
253T2144-30		1	1X	RF
		5	1B	RF
253T2144-31		1	1Y	RF
		4	1E	RF
253T2144-7		1	1D	RF
253T2150-1		1	115	6
		2	85	4
253T2150-2		1	115A	6
		3	105	6
		4	100	4
		5	90	4
253T2161-1		1	100	2
		2	25	1
		3	85	4
		4	85	3
		5	78	3
253T2163-1		1	75A	2
		2	45	1
253T2163-2		3	60A	2
		4	60A	1
		5	55	1
255T4183-2		5	160	1
63749-1		1	95B	3
		4	80B	4
		5	75B	4
69B81855-2		1	58	1
		1	59	1
		2	140	1
		2	165	1
		3	185	1
		3	200	1

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
69B81855-2		4	165	1
		4	180	1
96-02		1	80	6
96-048		1	50	4
96-62		1	25	4

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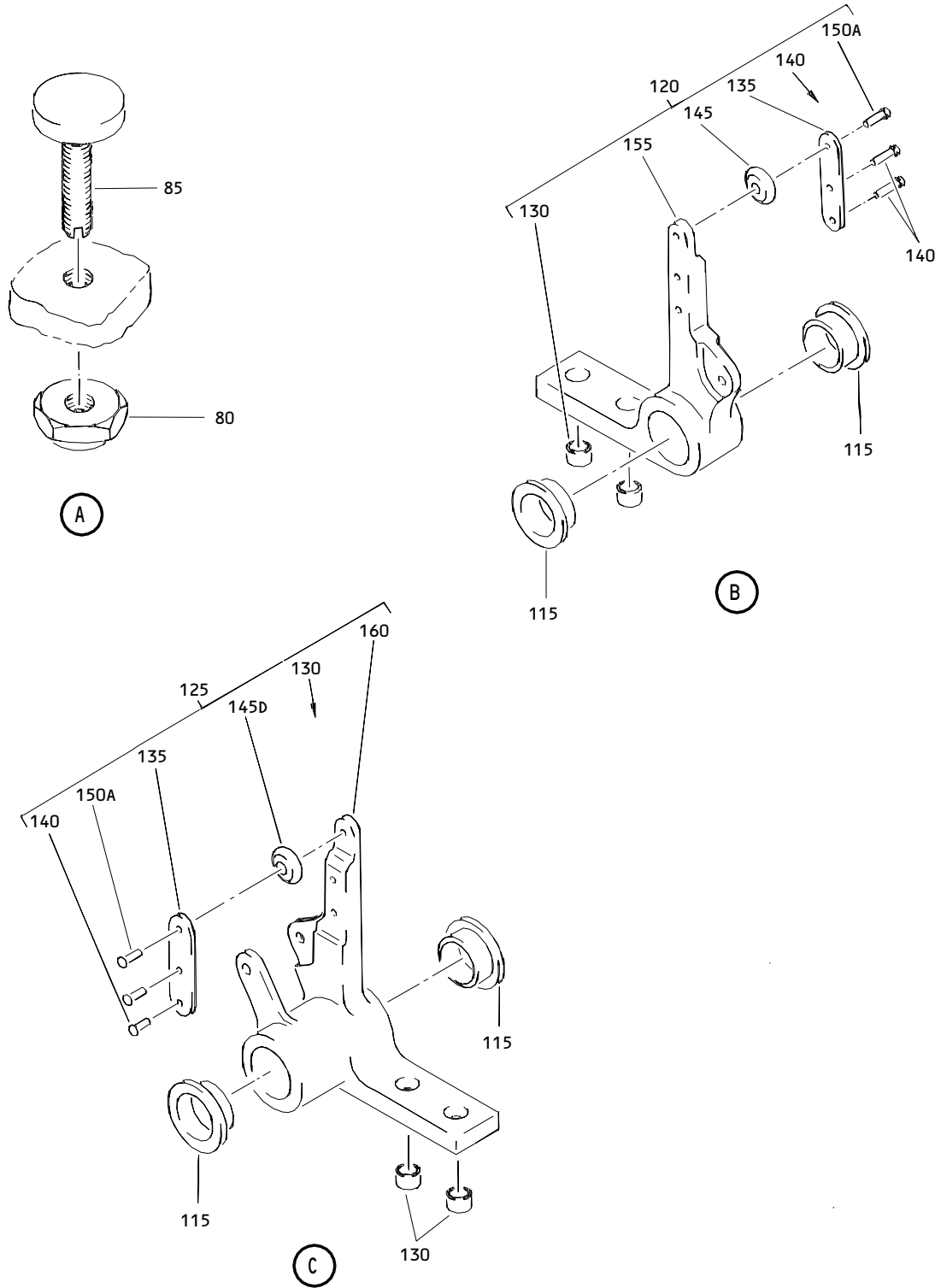


Stabilizer Cutoff Switch Assembly  
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**Stabilizer Cutoff Switch Assembly**  
**Figure 1 (Sheet 2)**

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
-1	253T2144-1		DELETED		
-1A	253T2144-4		DELETED		
-1B	253T2144-5		DELETED		
-1C	258T2144-6		DELETED		
-1D	253T2144-7		SWITCH ASSY-STAB. CUTOFF	A	RF
-1E	253T2144-8		SWITCH ASSY-STAB. CUTOFF	B	RF
-1F	253T2144-9		DELETED		
-1G	253T2144-10		DELETED		
-1H	253T2144-11		SWITCH ASSY-STAB. CUTOFF	C	RF
-1J	253T2144-12		SWITCH ASSY-STAB. CUTOFF	D	RF
-1K	253T2144-15		SWITCH ASSY-STAB. CUTOFF (FOR DETAILS SEE FIG. 2)	E	RF
-1L	253T2144-16		SWITCH ASSY-STAB. CUTOFF (FOR DETAILS SEE FIG. 2)	F	RF
-1M	253T2144-17		DELETED		
-1N	253T2144-18		DELETED		
-1P	253T2144-19		DELETED		
-1Q	253T2144-20		DELETED		
-1R	253T2144-27		SWITCH ASSY-STAB. CUTOFF (FOR DETAILS SEE FIG. 3)	G	RF
-1S	253T2144-24		SWITCH ASSY-STAB. CUTOFF (FOR DETAILS SEE FIG. 3)	H	RF
-1T	253T2144-25		SWITCH ASSY-STAB. CUTOFF (FOR DETAILS SEE FIG. 4)	J	RF
-1U	253T2144-26		SWITCH ASSY-STAB. CUTOFF (FOR DETAILS SEE FIG. 4)	K	RF
-1V	253T2144-28		SWITCH ASSY-STAB. CUTOFF (FOR DETAILS SEE FIG. 5)	L	RF
-1W	253T2144-29		SWITCH ASSY-STAB. CUTOFF (FOR DETAILS SEE FIG. 4)	M	RF
-1X	253T2144-30		SWITCH ASSY-STAB. CUTOFF (FOR DETAILS SEE FIG. 5)	N	RF
-1Y	253T2144-31		SWITCH ASSY-STAB. CUTOFF (FOR DETAILS SEE FIG. 4)	P	RF
5	BACS12CK06-38		.SCREW	A-D	4
10	NAS43DD1-89		.SPACER	A-D	2
15	NAS43DD1-32		.SPACER	A-D	2
20	AN960D6L		.WASHER	A-D	4

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MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-25	H10-06BAC		.NUT- (V15653) (SPEC BACN10JC06) (OPT RMLH9075-62W (V72962)) (OPT T6S632J (V11815)) (OPT VN303A62 (V92215)) (OPT 96-62 (V80539)) (OPT BRH10A06 (OPT BRH10A06 (V52828))	A-D	4
30	BACB30NR4K33		.BOLT	A-D	4
35	NAS43DD4-125		.SPACER	A-D	2
40	253T2140-1		.SPACER	A-D	2
45	AN960D416L		.WASHER	A-D	4
50	BRH10A4		.NUT- (V52828) (SPEC BACN10JC4) (OPT T6S428J (V11815)) (OPT 96-048 (V80539)) (OPT VN303A048 (V92215)) (OPT RMLH9075-4W (V72962)) (OPT NS202101-048 (V80539)) (OPT H10-4BAC (V15653))	A-D	4
55	253T2142-1		DELETED		
55A	253T2142-5		DELETED		
-55B	253T2142-4		DELETED		
55C	253T2142-9		.BRACKET ASSY	A	1
-55D	253T2142-8		.BRACKET ASSY	B	1
-55E	253T2142-11		.BRACKET ASSY	D	1
-55F	253T2142-12		.BRACKET ASSY	C	1
56	BACR15BB4B		..RIVET- (SIZE DETERMINE ON INST)	A,C	2
57	AN960PD4L		..WASHER	A,C	2
58	69B81855-2		..FAIRLEAD	A,C	1

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 COMPONENT  
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- 58G	BACR15BB4B		..RIVET- (SIZE DETERMINE ON INST)	B,D	2
58H	AN960PD4L		..WASHER	B,D	2
59	69B81855-2		..FAIRLEAD	B,D	1
60	BACR15FT5D		..RIVET- (SIZE DETERMINE ON INST)	A,C	2
61	253T2142-7		..ANGLE	A,C	1
62	K1000-3BAC		DELETED		
62A	BACR15BB4D		..RIVET- (SIZE DETERMINE ON INST)	B,D	3
63	BACR15BA3AD		ATTACHING PARTS DELETED		
63A	253T2142-6		..ANGLE	B,D	1
64	BACR15BA3AD		..RIVET- (SIZE DETERMINE ON INST)	A-D	8
64G	K1000-3BAC		..NUTPLATE- (V15653) (SPEC BACN10JR3) (OPT NS103202-02 (V80539)) (OPT RMA9201-3 (V72962)) (OPT T8088S1032 (V11815)) (OPT VN102A1-02 (V92215)) (OPT BR2000A3 (V52828))	A-D	4
64S	BACR15BB4D		..RIVET- (SIZE DETERMINE ON INST)	A-D	9
65	253T2142-2		DELETED		
65A	253T2142-10		..PANEL-INBD	A,B	1
-65B	253T2142-13		..PANEL-INBD	C,D	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-70	253T2142-3		. . PANEL-OUTBD	A-D	1
75	MS24586C112		. SPRING- (OPT ITEM 75A)	A,B	2
-75A	253T2163-1		. SPRING- (OPT ITEM 75)	A,B	2
-75B	253T2163-1		. SPRING	C,D	2
80	H10-3BAC		. NUT- (V15653) (SPEC BACN10JC3) (OPT NS202101-02 (V80539)) (OPT RMLH9075-3W (V72962)) (OPT T6S1032J (V71087)) (OPT VN303A02 (V92215)) (OPT 96-02 (V80539)) (OPT BRH10A3 (V52828))	A-D	6
85	253T2139-1		. STOP	A-D	6
90	253T2141-1		DELETED		
90A	253T2141-2		. GUARD-SWITCH (OPT ITEM 90B)	A-D	3
-90B	253T2141-3		. GUARD-SWITCH (OPT ITEM 90A)	A-D	3
95	10AT96-1		. SWITCH- (V82647)	A,B,D	3
-95A	10AT96-1		. SWITCH- (V82647) (OPT ITEM 95B)	C	3
-95B	63749-1		. SWITCH- (V02005) (OPT ITEM 95A)	C	3

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
100	253T2161-1		.SPACER	A-D	2
105	253T2144-2		.ARM ASSY	A,B	1
-105A	253T2144-14		.ARM ASSY	C,D	1
110	253T2144-3		.ARM ASSY	A,B	2
-110A	253T2144-13		.ARM ASSY	C,D	2
115	253T2150-1		..BUSHING	A,B	2
-115A	253T2150-2		..BUSHING	C,D	2
120	253T2137-1		..ARM ASSY- (USED ON ITEMS 110, 110A)	A-D	1
125	253T2138-1		..ARM ASSY- (USED ON ITEMS 105, 105A)	A-D	1
130	MS21209F1-10		...INSERT	A-D	2
135	253T2143-1		...RETAINER	A-D	1
140	BACR15BB2B		...RIVET- (SIZE DETERMINE ON INST)	A-D	2
			-----*		
145	SR2-6EE		...BEARING- (V83086) (OPT ITEMS 145C, 145G) (USED ON ITEM 120)	A-D	1
-145A	S618CE		DELETED		
-145B	BCREFA2924		DELETED		
-145C	BCREF11098		...BEARING- (83086) (SSR1-618EEHA7P25LDP) (OPT ITEMS 145, 145G) (USED ON ITEM 120)	A-D	1

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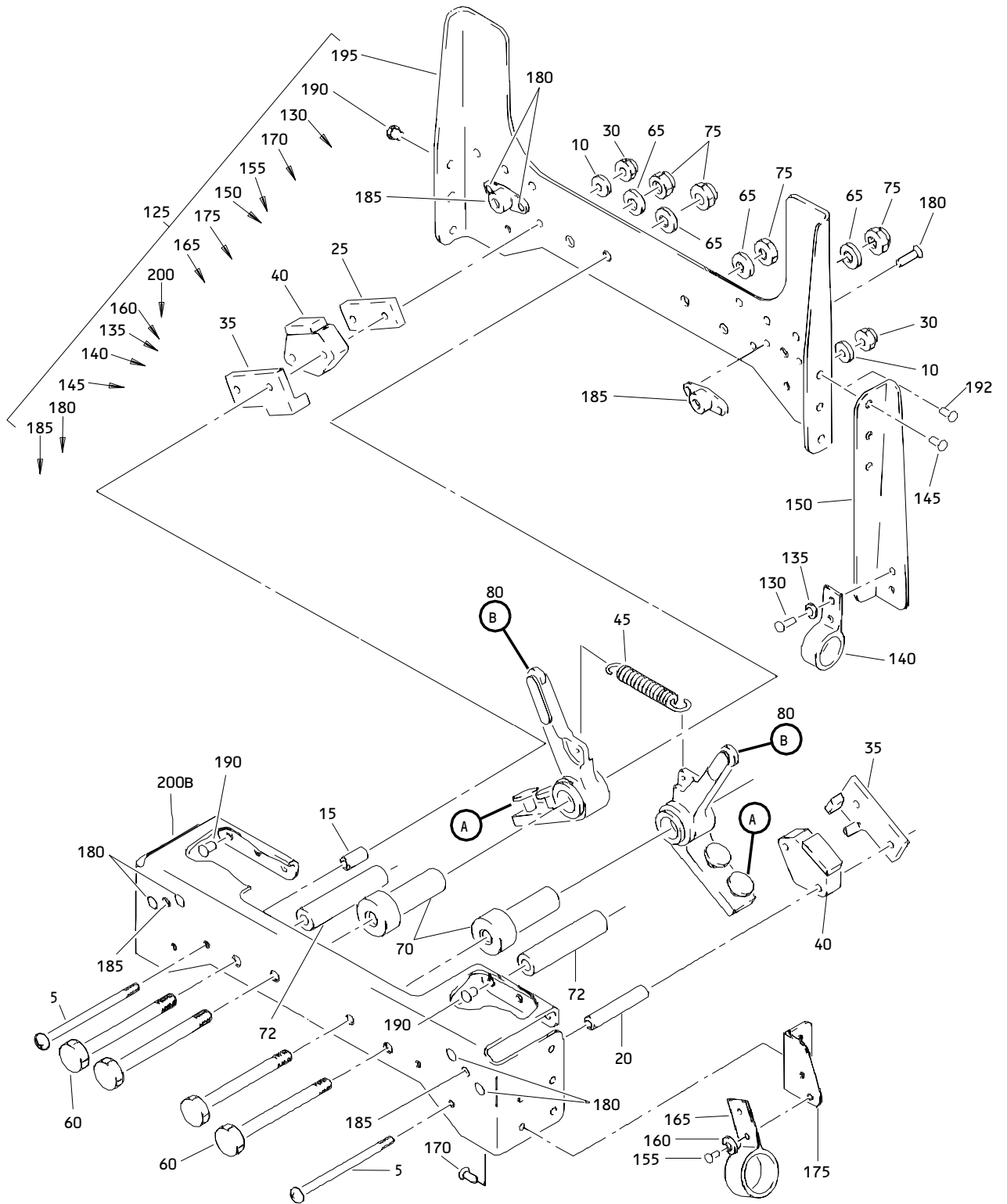
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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-145D	SR2-6EE		...BEARING- (V83086) (OPT ITEMS 145F, 145H) (USED ON ITEM 125)	A-D	1
-145E	S618CE		DELETED		
-145F	BCREF116568		...BEARING- (V83086) (SSRI618EEHA7P25LDP) (OPT ITEMS 145D, 145H) (USED ON ITEM 125)	A-D	1
-145G	S618CE7		...BEARING- (V40920) (OPT ITEMS 145, 145C) (USED ON ITEM 120)	A-D	1
-145H	S618CE7		...BEARING- (V40920) (OPT ITEMS 145D, 145F) (USED ON ITEM 125)	A-D	1
150	BACR15BB4B		ATTACHING PARTS DELETED		
150A	253T2137-4		...RIVET-BRG -----*	A-D	1
155	253T2137-2		...ARM- (USED ON ITEM 120)	A-D	1
160	253T2138-2		...ARM- (USED ON ITEM 125)	A-D	1

- Item Not Illustrated

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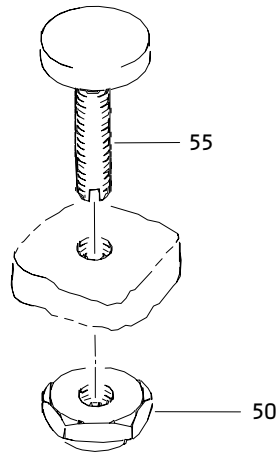


Stabilizer Cutoff Switch Assembly  
 Figure 2 (Sheet 1)

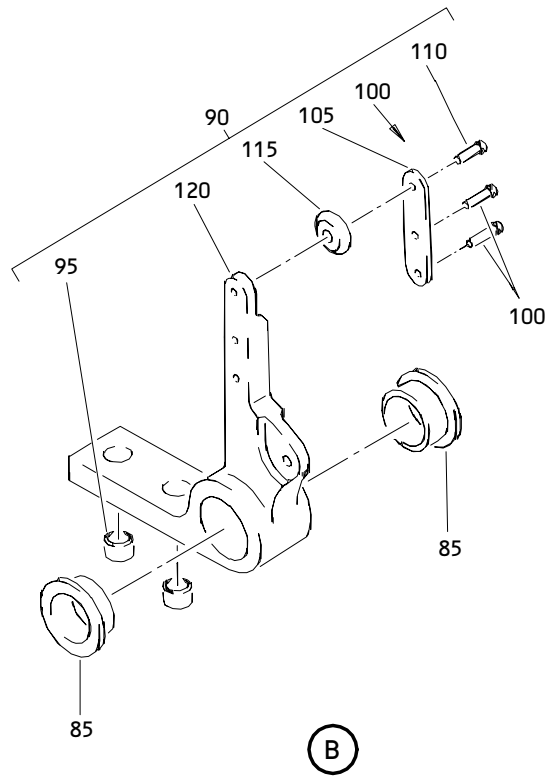
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(A)



Stabilizer Cutoff Switch Assembly  
Figure 2 (Sheet 2)

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02-					
-1	253T2144-15		SWITCH ASSY-STAB. CUTOFF	E	RF
-1A	253T2144-16		SWITCH ASSY-STAB. CUTOFF	F	RF
5	NAS601-26P		.SCREW	E,F	4
10	AN960JD6L		.WASHER	E,F	4
15	NAS43DD1-32		.SPACER	E,F	2
20	NAS43DD1-43		.SPACER	E,F	2
25	253T2161-1		.SPACER	E,F	1
30	MS21042L06		.NUT	E,F	4
35	253T2141-2		.GUARD-SWITCH (OPT ITEM 35A)	E,F	2
-35A	253T2141-3		.GUARD-SWITCH (OPT ITEM 35)	E,F	2
40	10AT96-1		.SWITCH- (V82647)	E,F	2
45	253T2163-1		.SPRING- (OPT ITEM 45A)	E,F	1
-45A	MS24586C112		.SPRING- (OPT ITEM 45)	E,F	1
50	BACN10JC3CD		.NUT	E,F	4
55	253T2139-1		.STOP	E,F	4
60	BACB30NR4K22		.BOLT	E,F	4
65	AN960JD416L		.WASHER	E,F	4
70	253T2140-2		.SPACER	E,F	2
72	NAS43DD4-78		.SPACER	E,F	2
75	BRH10C4D		.NUT- (V52828) (SPEC BACN10JC4CD) (OPT T6C428JCD (V11815)) (OPT NS202486-048 (V80539)) (OPT 102LH9075-4W (V72962)) (OPT H51650-4BAC (V15653))	E,F	4

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02-					
80	253T2144-3		.ARM ASSY	E,F	2
85	253T2150-1		..BUSHING	E,F	2
90	253T2137-1		..ARM ASSY	E,F	1
95	MS21209F1-10		...INSERT	E,F	2
100	BACR15BB2B		...RIVET- (SIZE DETERMINE ON INST)	E,F	2
105	253T2143-1		...RETAINER	E,F	1
110	253T2137-4		...RIVET-BRG (ALT FROM BACR15BB4B6)	E,F	1
115	SR2-6EE		...BEARING- (V83086) (OPT ITEMS 115A, 115C)	E,F	1
-115A	S618CE		DELETED		
-115B	BREF11098		...BEARING- (V83086) (OPT ITEMS 115, 115C)	E,F	1
-115C	S618CE7		...BEARING- (V83086) (OPT ITEMS 115, 115B)	E,F	1
120	253T2137-2		...ARM	E,F	1
125	253T2142-16		.BRACKET ASSY	F	1
-125A	253T2142-17		.BRACKET ASSY	E	1
130	BACR15BB4B		..RIVET- (SIZE DETERMINE ON INST)	F	2
135	AN960PD4L		..WASHER	F	2
140	69B81855-2		..FAIRLEAD	F	1
145	BACR15BB4D		..RIVET- (SIZE DETERMINE ON INST)	F	3
150	253T2142-6		..ANGLE	F	1

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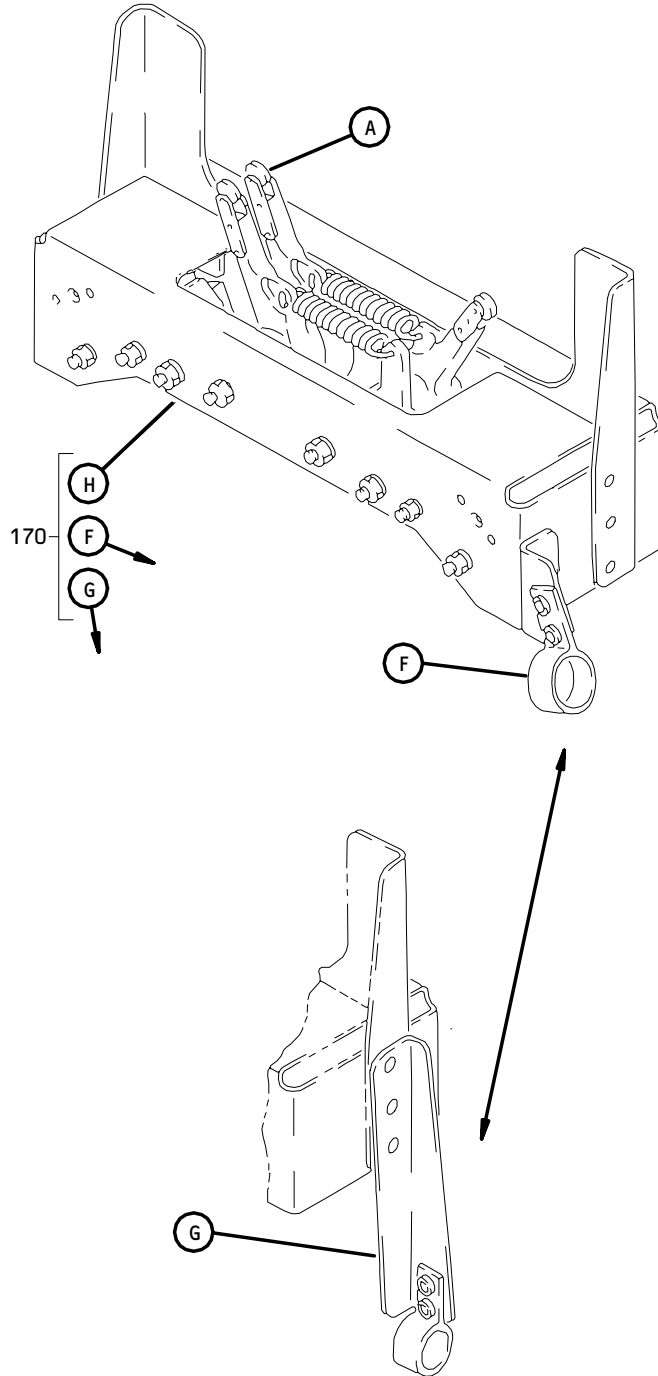

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02-155	BACR15BB4B		..RIVET- (SIZE DETERMINE ON INST)	E	2
160	AN960PD4L		..WASHER	E	2
165	69B81855-2		..FAIRLEAD	E	1
170	BACR15BB4D		..RIVET- (SIZE DETERMINE ON INST)	E	2
175	253T2142-15		..ANGLE	E	1
180	BACR15BA3AD		..RIVET- (SIZE DETERMINE ON INST)	E,F	8
185	K1000-3BAC		..NUTPLATE- (V15653) (SPEC BACN10JR3) (OPT NS103202-02 (V80539)) (OPT RMA9201-3 (V72962)) (OPT T8088S1032 (V11815)) (OPT VN102A1-02 (V92215)) (OPT BR2000A3 (V52828))	E,F	4
190	BACR15BB4D		..RIVET- (SIZE DETERMINE ON INST)	E,F	9
195	253T2142-13		..PANEL-INBD	E,F	1
200	253T2142-14		DELETED		
200A	253T2142-18		DELETED		
200B	253T2142-19		..PANEL-OUTBD	E,F	1

- Item Not Illustrated

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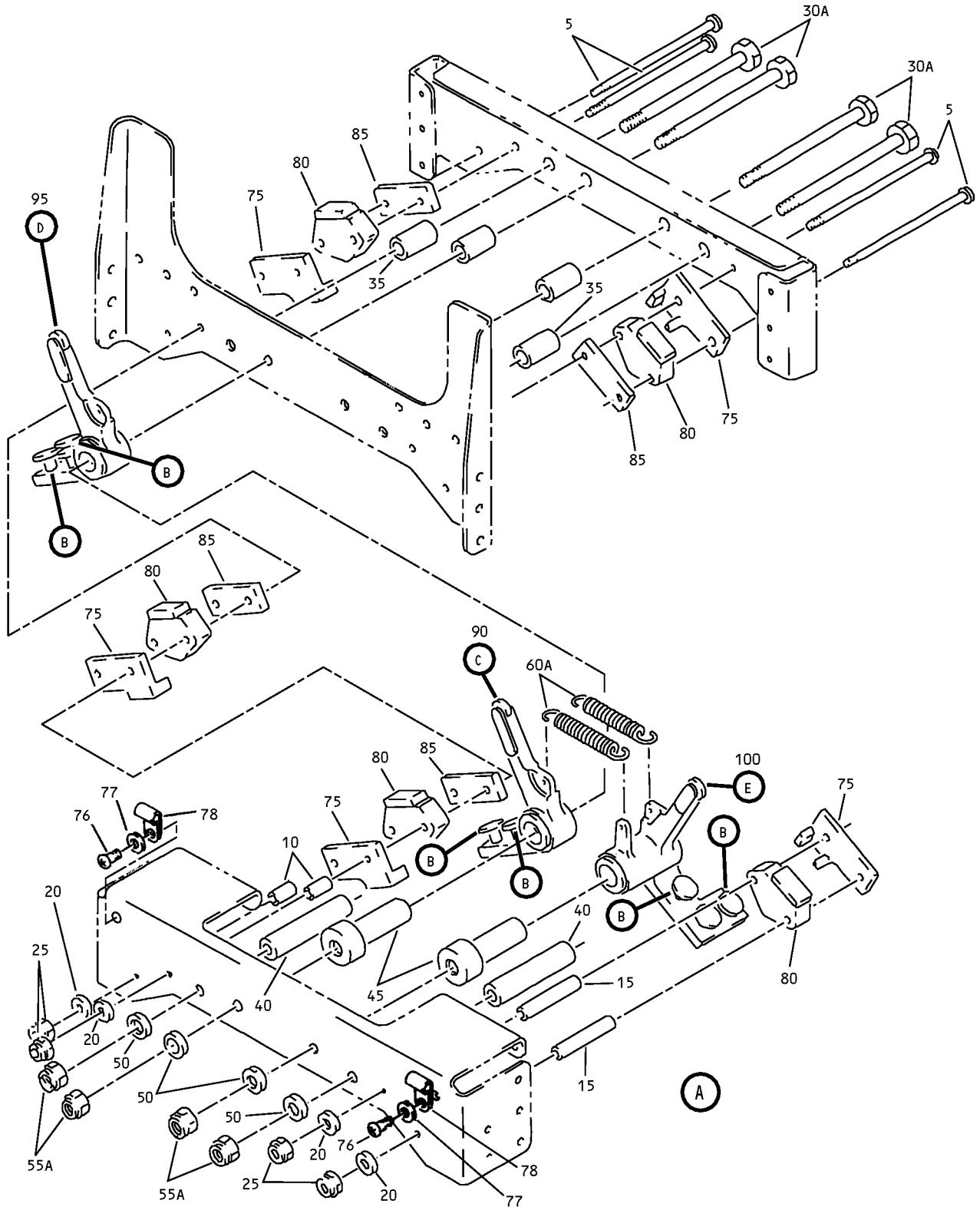
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Stabilizer Cutoff Switch Assembly  
Figure 3 (Sheet 1)

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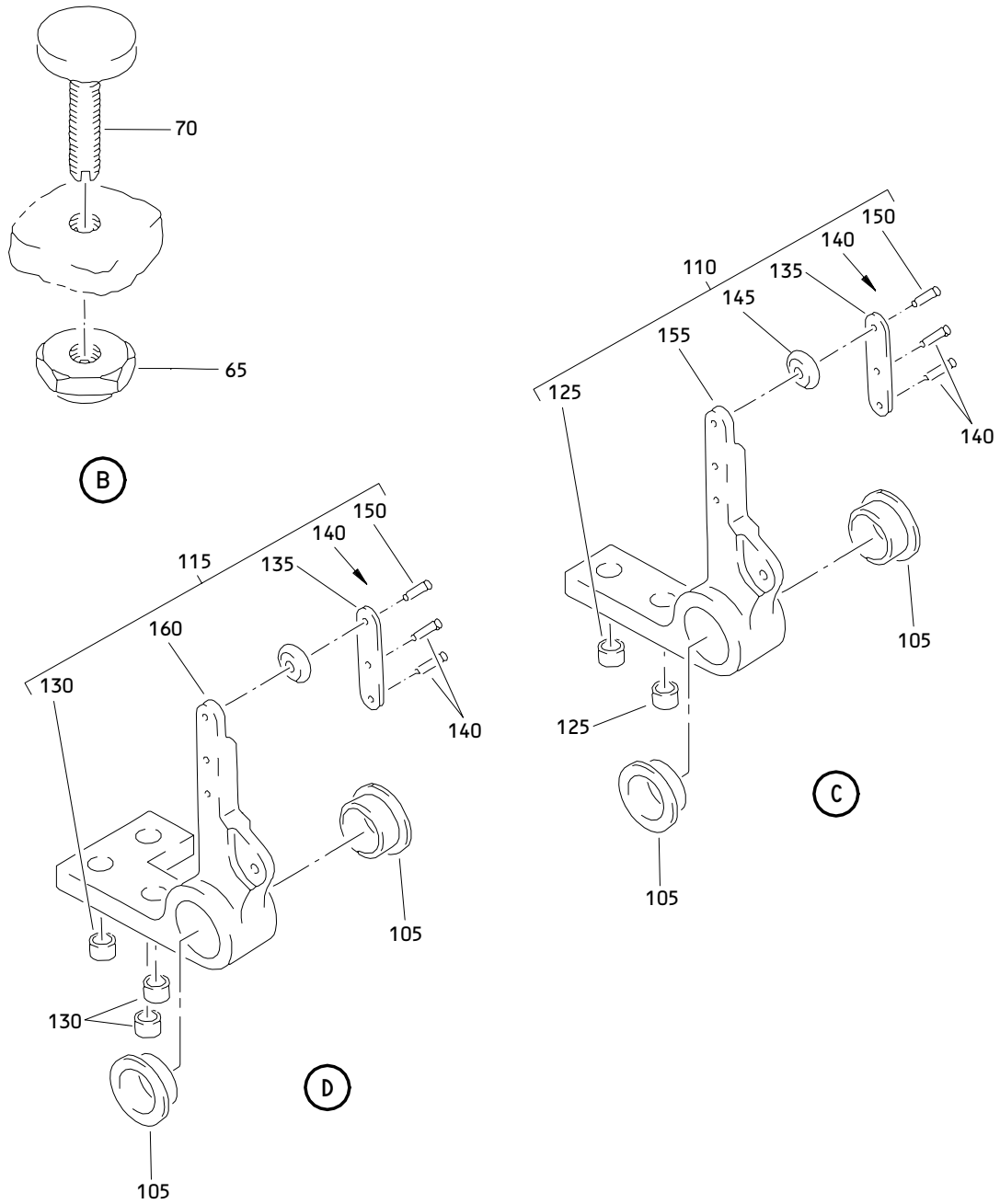
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Stabilizer Cutoff Switch Assembly  
Figure 3 (Sheet 2)

**27-41-45**

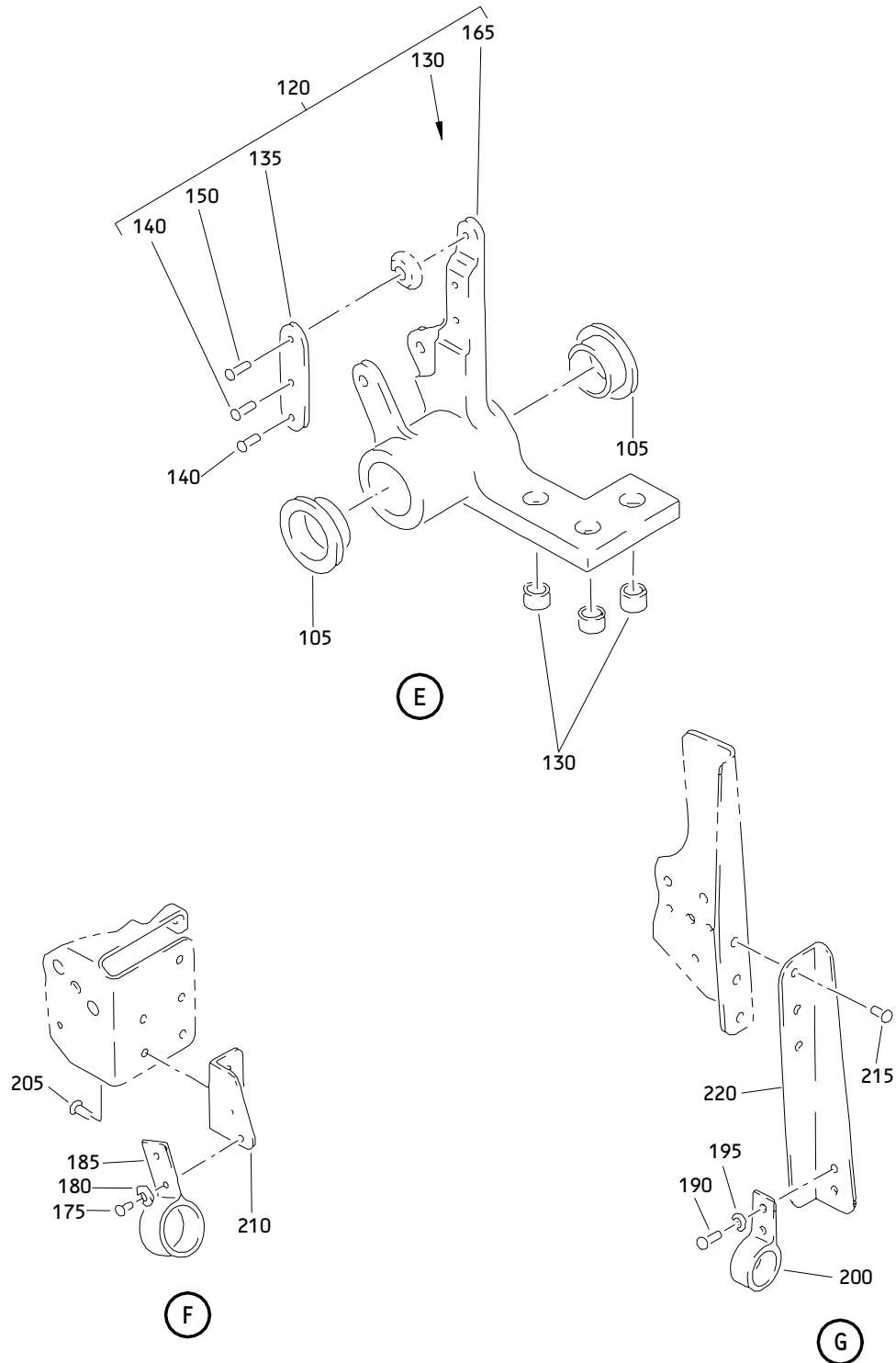
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Stabilizer Cutoff Switch Assembly  
 Figure 3 (Sheet 3)

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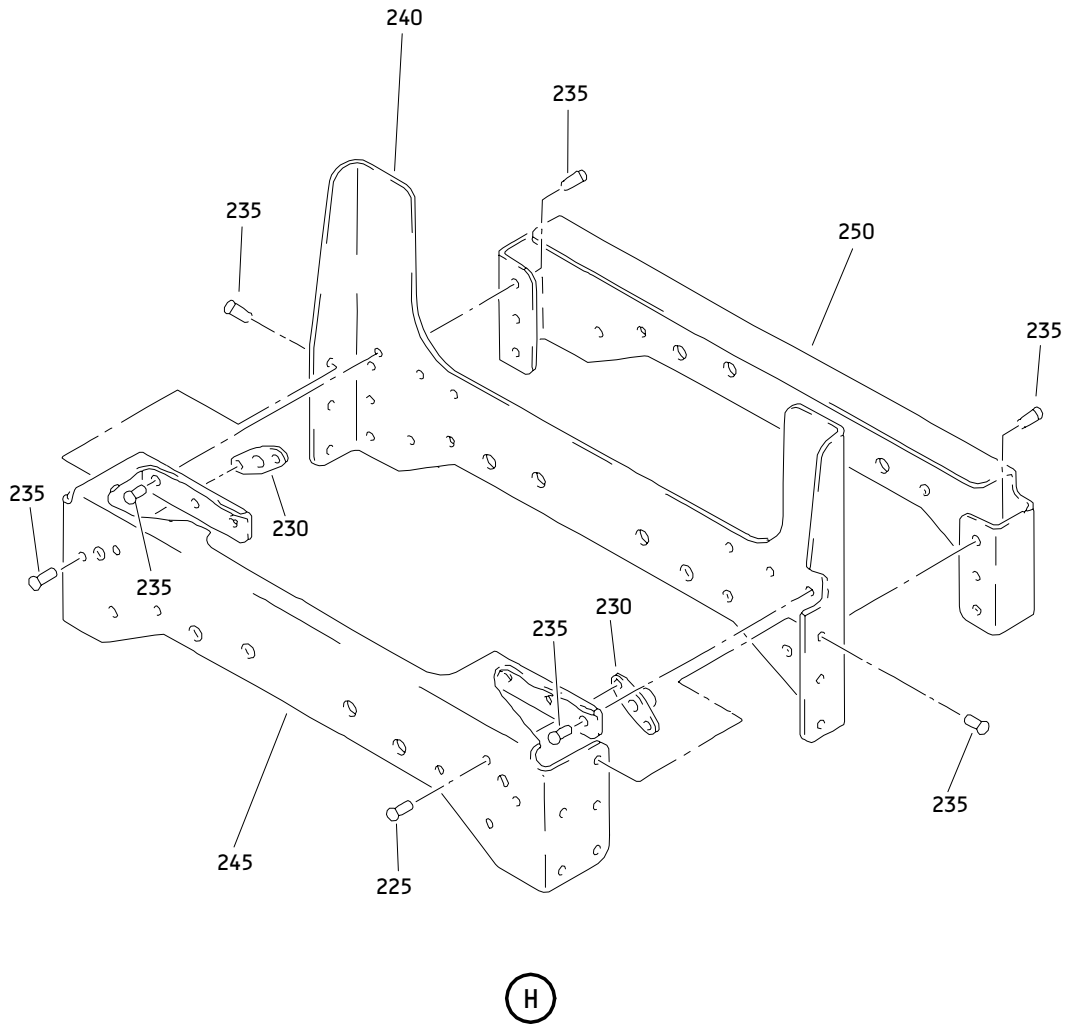


Stabilizer Cutoff Switch Assembly  
 Figure 3 (Sheet 4)

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Stabilizer Cutoff Switch Assembly  
Figure 3 (Sheet 5)

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
03-					
-1	253T2144-17		DELETED		
-1A	253T2144-18		DELETED		
-1B	253T2144-27		SWITCH ASSY-STAB. CUTOFF	G	RF
-1C	253T2144-24		SWITCH ASSY-STAB. CUTOFF	H	RF
5	NAS601-50P		.SCREW	G,H	4
10	NAS43DD1-32		.SPACER	G,H	2
15	NAS43DD1-89		.SPACER	G,H	2
20	AN960JD6L		.WASHER	G,H	4
25	MS21042L06		.NUT	G,H	4
30	BACB30NR4K45		DELETED		
30A	HST10AG8-34		.BOLT- (VOPTK6) (SPEC BACB30VT8K34) (OPT HST10AG8-34 (V06725)) (OPT HST10AG8-34 (V56878)) (OPT HST10AG8-34 (V73197))	G,H	4
35	NAS43DD4-46		.SPACER	G,H	4
40	NAS43DD4-125		.SPACER	G,H	2
45	253T2140-3		.SPACER	G,H	2
50	AN960JD416L		.WASHER	G,H	4
55	H52732-4CD		DELETED		
55A	HST79CY8		.COLLAR- (V73197) (SPEC BACC30BL8) (OPT HST79-8 (V56878)) (OPT HST79-8 (V92215)) (OPT HST79-8 (V5M902))	G,H	4

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
03-60	253T2163-1		DELETED		
60A	253T2163-2		.SPRING	G,H	2
65	H52732-3CD		.NUT- (V15653) (SPEC BACN10YR3CD) (OPT PLH53CD (V62554)) (OPT ITEM 65A)	G,H	8
-65A	MS35650-302		.NUT- (OPT ITEM 65)	G,H	8
70	253T2139-1		.STOP- (OPT ITEMS 70A, 70B)	G,H	8
-70A	253T2139-2		.STOP- (OPT ITEMS 70, 70B)	G,H	8
-70B	253T2139-3		.STOP- (OPT ITEMS 70, 70A)	G,H	8
75	253T2141-3		.GUARD-SWITCH	G,H	5
76	NAS623-3-4		.SCREW	G,H	2
77	NAS1149D0332J		.WASHER	G,H	2
78	BACC10DK2		.CLAMP	G,H	1
79	BACC10DK3		.CLAMP	G,H	1
80	10AT96-1		.SWITCH- (V82647)	G,H	5
85	253T2161-1		.SPACER	G,H	4
90	253T2144-13		.ARM ASSY	G,H	1
95	253T2144-21		.ARM ASSY	G,H	1
100	253T2144-23		.ARM ASSY	G,H	1
105	253T2150-2		..BUSHING	G,H	2
110	253T2137-1		..ARM ASSY- (USED ON ITEM 90)	G,H	1
115	253T2137-5		..ARM ASSY- (USED ON ITEM 95)	G,H	1
120	253T2138-7		..ARM ASSY- (USED ON ITEM 100)	G,H	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
03-125	MS21209F1-10		...INSERT- (USED ON ITEM 110)	G,H	2
130	MS21209F1-10		...INSERT- (USED ON ITEMS 115, 120)	G,H	3
135	253T2143-1		...RETAINER	G,H	1
140	BACR15BB2B		...RIVET- (SIZE DETERMINE ON INST)	G,H	2
145	SR2-6EE		...BEARING- (V83086) (OPT ITEMS 145E, 145F) (USED ON ITEMS 110, 115)	G,H	1
-145A	S618CE		DELETED		
-145B	BCREFA2924		DELETED		
-145C	SR2-6EE		...BEARING- (V83086) (OPT ITEM 145D) (USED ON ITEM 120)	G,H	1
-145D	BCREFA2924		...BEARING- (V83086) (SSR1618EEHA7P25LDP) (OPT ITEM 145C) (USED ON ITEM 120)	G,H	1
-145E	BCREF11098		...BEARING- (V83086) (SSR1-618EEHA7P25LDP) (OPT ITEMS 145, 145F) (USED ON ITEMS 110, 115)	G,H	1
-145F	S618CE7		...BEARING- (V83086) (OPT ITEMS 145, 145E) (USED ON ITEMS 110, 115)	G,H	1
150	253T2137-4		...RIVET-BRG	G,H	1
155	253T2137-2		...ARM- (USED ON ITEM 110)	G,H	1
160	253T2137-8		...ARM- (USED ON ITEM 115)	G,H	1
165	253T2138-8		...ARM- (USED ON ITEM 120)	G,H	1
170	253T2142-20		.BRACKET ASSY	G	1
-170A	253T2142-21		.BRACKET ASSY	H	1
175	BACR15BB4B		..RIVET- (SIZE DETERMINE ON INST)	G	2

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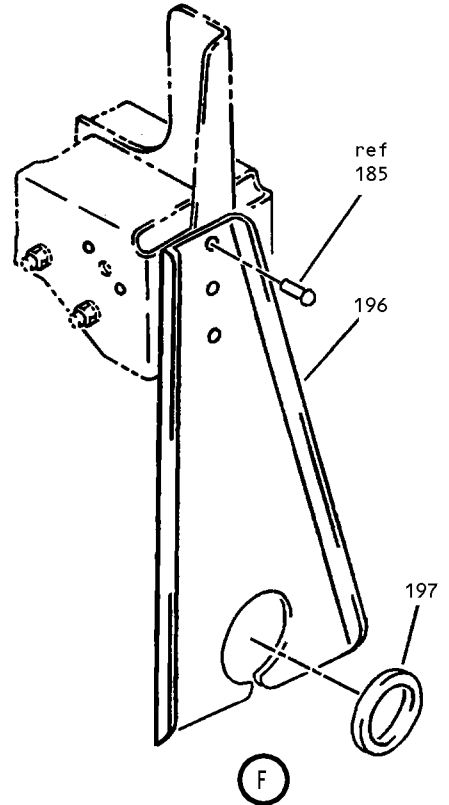
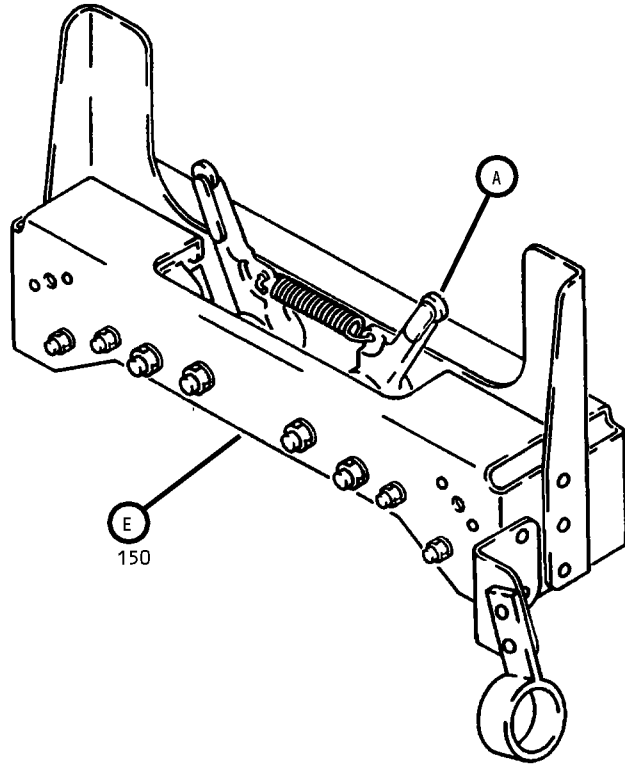
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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
03-					
180	AN960JD4L		..WASHER	G	2
185	69B81855-2		..FAIRLEAD	G	1
190	BACR15BB4B		..RIVET- (SIZE DETERMINE ON INST)	H	2
195	AN960JD4L		..WASHER	H	2
200	69B81855-2		..FAIRLEAD	H	1
205	BACR15FT5D		..RIVET- (SIZE DETERMINE ON INST)	G	2
210	253T2142-7		..ANGLE	G	1
215	BACR15BB4D		..RIVET- (SIZE DETERMINE ON INST)	H	3
220	253T2142-6		..ANGLE	H	1
225	BACR15BA3AD		..RIVET- (SIZE DETERMINE ON INST)	G,H	4
230	K1000-3BAC		..NUTPLATE- (V15653) (SPEC BACN10JR3) (OPT NS103202-02 (V80539)) (OPT RMA9201-3 (V72962)) (OPT T8088S1032 (V11815)) (OPT VN102A1-02 (V92215)) (OPT BR2000A3 (V52828))	G,H	2
235	BACR15BB4D		..RIVET- (SIZE DETERMINE ON INST)	G,H	15
240	253T2142-24		..PANEL-INBD	G,H	1
245	253T2142-3		..PANEL-OUTBD	G,H	1
250	253T2142-25		..PANEL	G,H	1

- Item Not Illustrated

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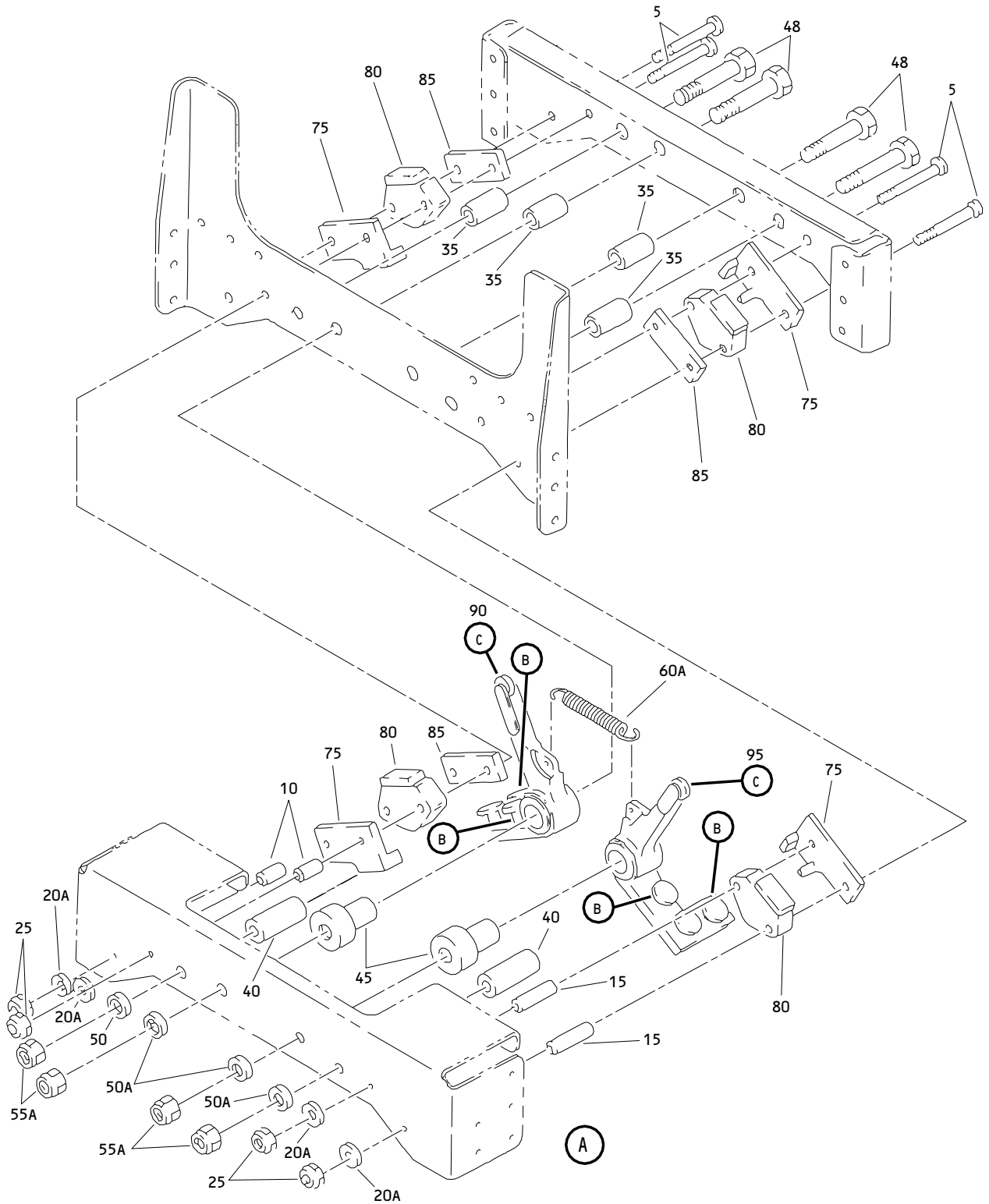
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Stabilizer Cutoff Switch Assembly  
Figure 4 (Sheet 1)

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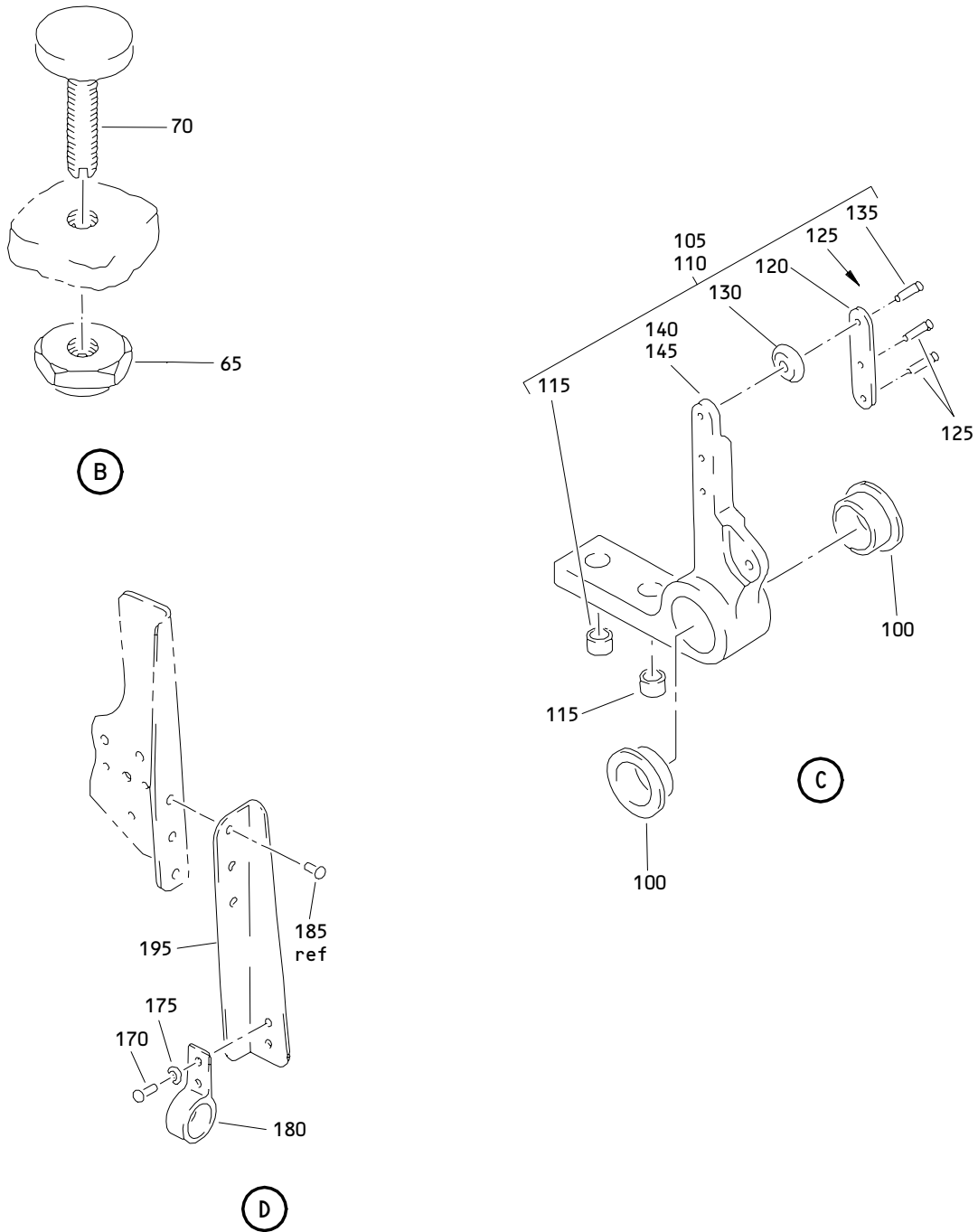
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**Stabilizer Cutoff Switch Assembly**  
**Figure 4 (Sheet 2)**

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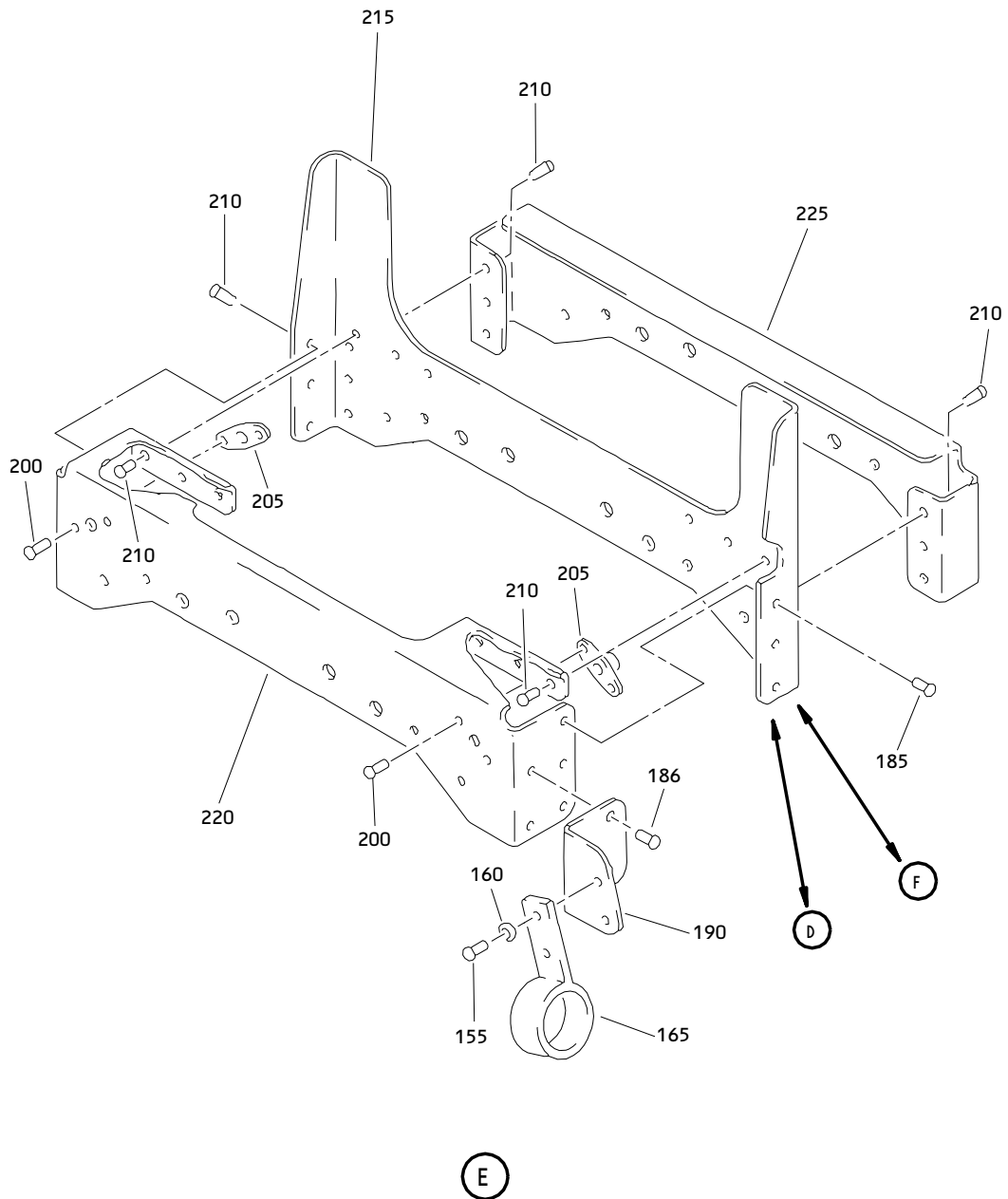


Stabilizer Cutoff Switch Assembly  
Figure 4 (Sheet 3)

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Stabilizer Cutoff Switch Assembly  
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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
04-					
-1	253T2144-19		DELETED		
-1A	253T2144-20		DELETED		
-1B	253T2144-25		SWITCH ASSY-STAB. CUTOFF	J	RF
-1C	253T2144-26		SWITCH ASSY-STAB. CUTOFF	K	RF
-1D	253T2144-29		SWITCH ASSY-STAB. CUTOFF	M	RF
-1E	253T2144-31		SWITCH ASSY-STAB. CUTOFF	P	RF
5	NAS601-38P		.SCREW	J,K,M P	4
10	NAS43DD1-32		.SPACER	J,K,M	2
-10A	NAS43DD1-32FC		.SPACER	P	2
15	NAS43DD1-43		.SPACER	J,K,M	2
-15A	NAS43DD1-43FC		.SPACER	P	2
20	AN960JD6L		DELETED		
20A	NAS1149DN616J		.WASHER	J,K,M	4
25	MS21042L06		.NUT	J,K,M P	4
30	BACB30NR4K34		DELETED		
30A	HST10AG8-34		DELETED		
35	NAS43DD4-46		.SPACER	J,K,M	4
-35A	NAS43DD4-46FC		.SPACER	P	4
40	NAS43DD4-78		.SPACER	J,K,M	2
-40A	NAS43DD4-78FC		.SPACER	P	2
45	253T2140-4		.SPACER	J,K,M P	2
48	HST10AG8-35		.BOLT- (VOPTK6) (SPEC BACB30VT8K35) (OPT HST10AG8-35 (V06725)) (OPT HST10AG8-35 (V56878)) (OPT HST10AG8-35 (V73197))	J,K,M P	4

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
04-50 50A	AN960JD416L NAS1149D0416J		DELETED . WASHER	J, K, M P	4
55 55A	H52732-4CD HST79CY8		DELETED . COLLAR- (V73197) (SPEC BACC30BL8) (OPT HST79-8 (V56878)) (OPT HST79-8 (V92215)) (OPT HST79-8 (V5M902))	J, K, M P	4
60 60A	253T2163-1 253T2163-2		DELETED . SPRING	J, K, M P	1
65	H52732-3CD		. NUT- (V15653) (SPEC BACN10YR3CD) (OPT PLH53CD (V62554)) (OPT ITEM 65A)	J, K, M P	6
-65A	MS35650-302		. NUT- (OPT ITEM 65)	J, K, M P	6
70	253T2139-1		. STOP- (OPT ITEMS 70A, 70B)	J, K, M	6
-70A	253T2139-2		. STOP- (OPT ITEMS 70, 70B)	J, K, M	6
-70B	253T2139-3		. STOP- (OPT ITEMS 70, 70A)	J, K, M	6
-70C	253T2139-4		. STOP	P	6
75	253T2141-3		. GUARD-SWITCH	J, K, M P	4
76	NAS623-3-4		. SCREW	J, K, M P	2
77	NAS1149D0332J		. WASHER	J, K, M P	2
78	BACC10DK2		. CLAMP	J, K, M P	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
04-79	BACC10DK3		.CLAMP	J,K,M P	1
80	10AT96-1		.SWITCH- (V82647)	J,K,M	4
-80A	10AT96-1		.SWITCH- (V82647) (OPT ITEM 80B)	P	4
-80B	63749-1		.SWITCH- (V02005) (OPT ITEM 80A)	P	4
85	253T2161-1		.SPACER	J,K,M P	3
90	253T2144-21		.ARM ASSY	J,K,M P	1
95	253T2144-22		.ARM ASSY	J,K,M P	1
100	253T2150-2		..BUSHING	J,K,M P	2
105	253T2137-5		..ARM ASSY- (USED ON ITEM 90)	J,K,M P	1
110	253T2137-6		..ARM ASSY- (USED ON ITEM 95)	J,K,M P	1
115	MS21209F1-10		...INSERT	J,K,M P	3
120	253T2143-1		...RETAINER	J,K,M P	1
125	BACR15BB2B		...RIVET- (SIZE DETERMINE ON INST)	J,K,M P	2
130	SR2-6EE		...BEARING- (V83086) (OPT ITEMS 130C, 130D)	J,K,M P	1
-130A	BCREFA2924		DELETED		
-130B	S618CE		DELETED		
-130C	BCREF11098		...BEARING- (V83086) (SSR1-618EEHA7P25LDP) (OPT ITEMS 130, 130D)	J,K,M P	1
-130D	S618CE7		...BEARING- (V83086) (OPT ITEMS 130, 130C)	J,K,M P	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
04-135	253T2137-4		...RIVET-BRG	J,K,M P	1
140	253T2137-7		...ARM- (USED ON ITEM 105)	J,K,M P	1
145	253T2137-8		...ARM- (USED ON ITEM 110)	J,K,M P	1
150	253T2142-23		.BRACKET ASSY	J	1
-150A	253T2142-22		.BRACKET ASSY	K	1
-150B	253T2142-30		.BRACKET ASSY	M,P	1
155	BACR15BB4B		..RIVET- (SIZE DETERMINE ON INST)	J	2
160	AN960JD4L		..WASHER	J	2
165	69B81855-2		..FAIRLEAD	J	1
170	BACR15BB4B		..RIVET- (SIZE DETERMINE ON INST)	K,M,P	2
175	AN960JD4L		..WASHER	K	2
180	69B81855-2		..FAIRLEAD	K	1
185	BACR15BB4D		..RIVET- (SIZE DETERMINE ON INST)	J,K,M P	3
186	BACR15BB4D		..RIVET- (SIZE DETERMINE ON INST)	J	2
190	253T2142-15		..ANGLE	J	1
195	253T2142-6		..ANGLE	K	1
196	253T2142-29		..ANGLE	M,P	1
197	NAS557-16A		..GROMMET	M,P	1
200	BACR15BA3AD		..RIVET- (SIZE DETERMINE ON INST)	J,K,M P	4
205	K1000-3BAC		..NUTPLATE- (V15653) (SPEC BACN10JR3) (OPT NS103202-02 (V80539)) (OPT RMA9201-3 (V72962)) (OPT T8088S1032 (V11815)) (OPT VN102A1-02 (V92215)) (OPT BR2000A3 (V52828))	J,K,M P	2

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
04- 210	BACR15BB4D		..RIVET- (SIZE DETERMINE ON INST)	J,K,M P	15
215	253T2142-24		..PANEL-INBD	J,K,M P	1
220	253T2142-19		..PANEL-OUTBD	J,K,M P	1
225	253T2142-25		..PANEL	J,K,M P	1

- Item Not Illustrated

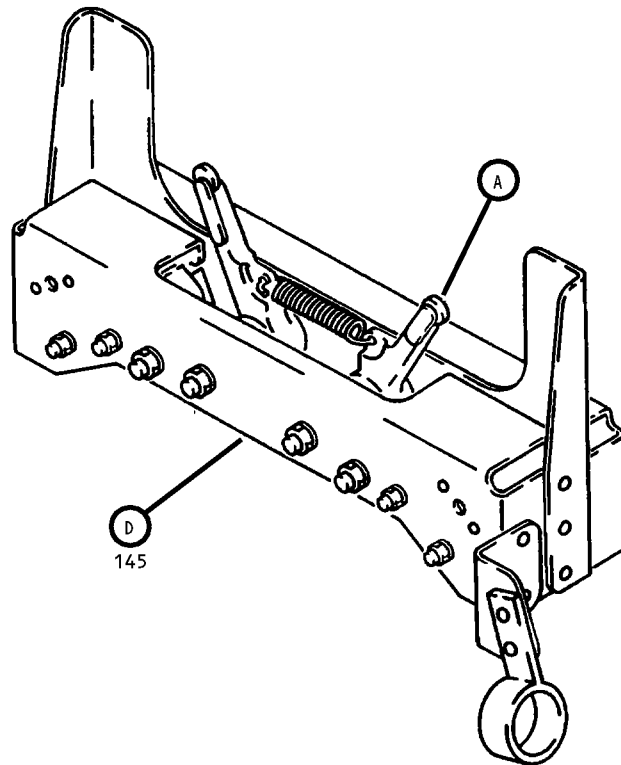
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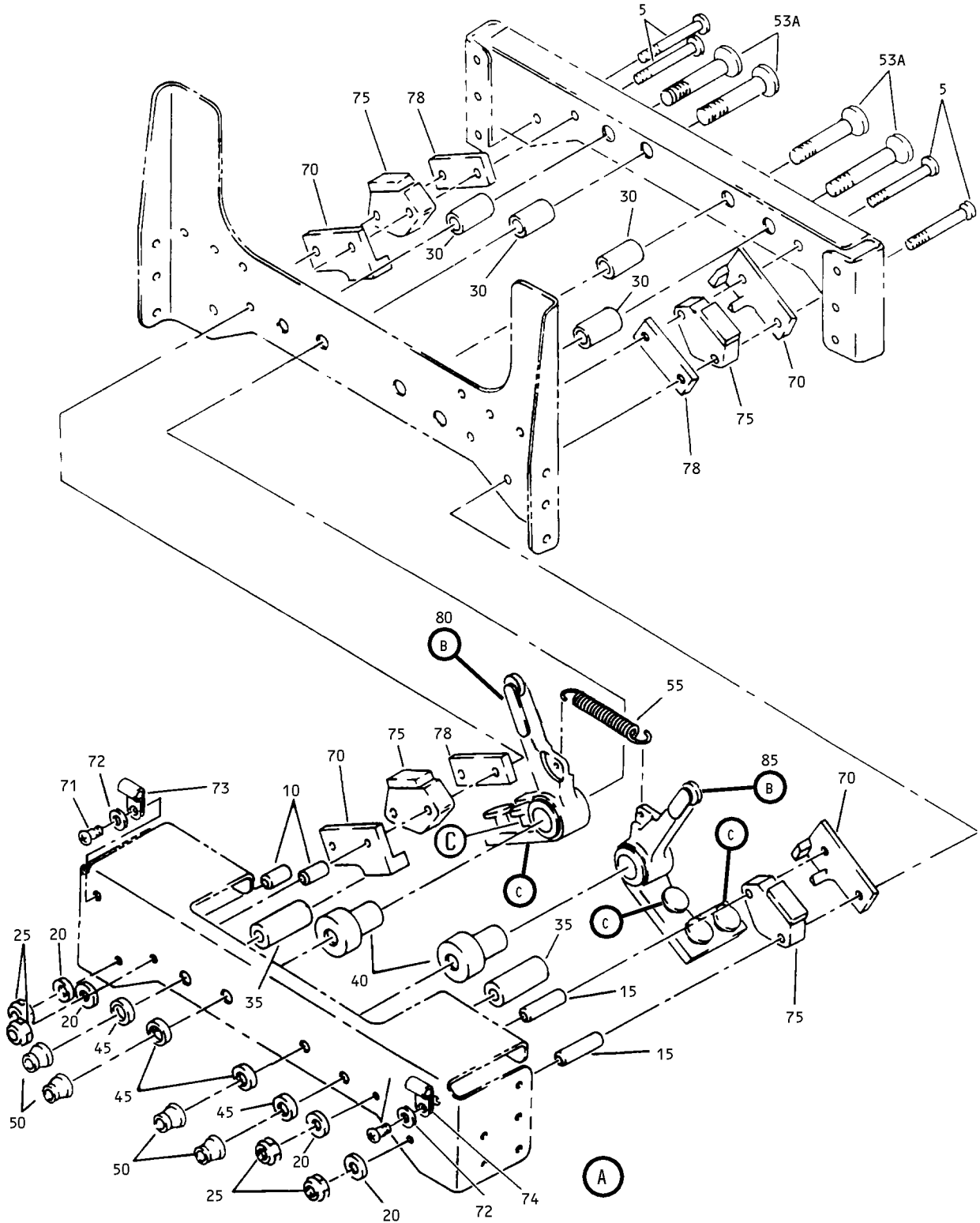
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Stabilizer Cutoff Switch Assembly  
Figure 5 (Sheet 1)

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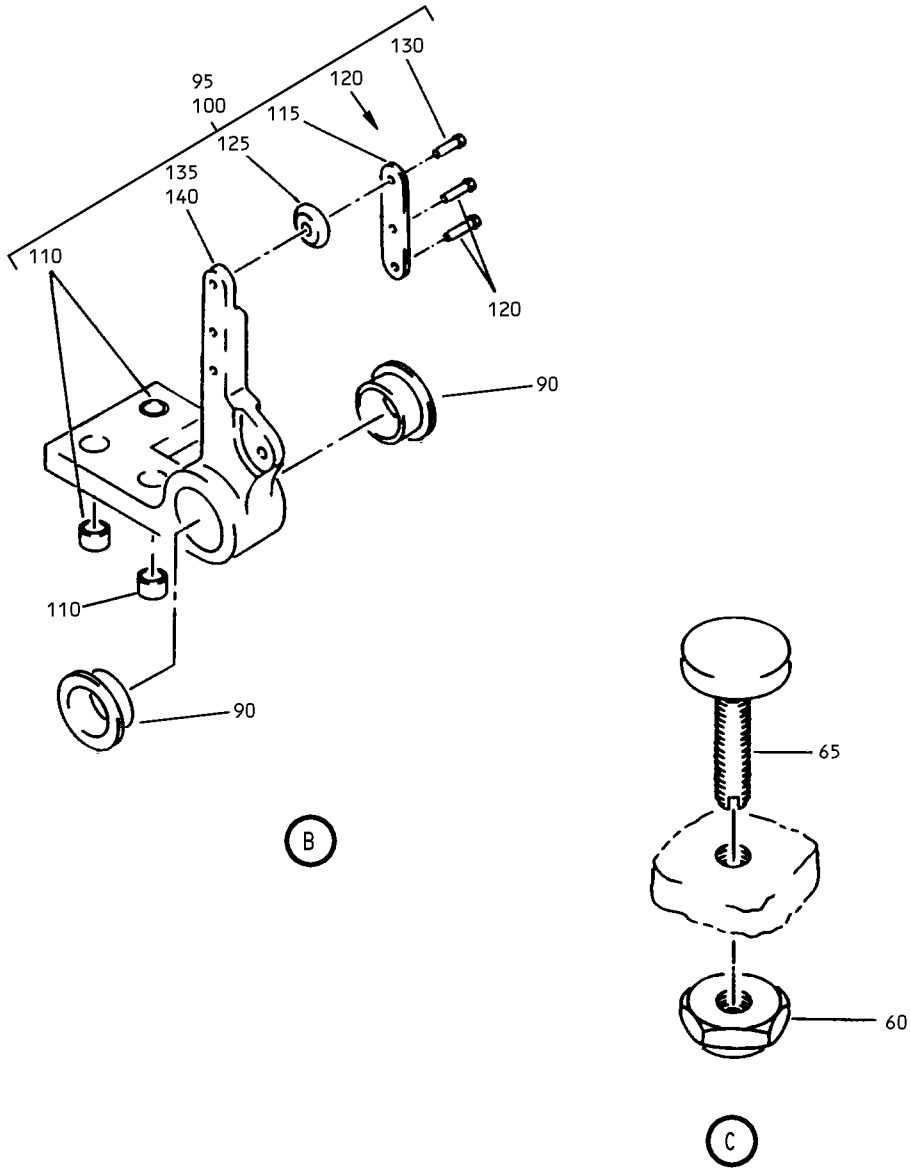


Stabilizer Cutoff Switch Assembly  
 Figure 5 (Sheet 2)

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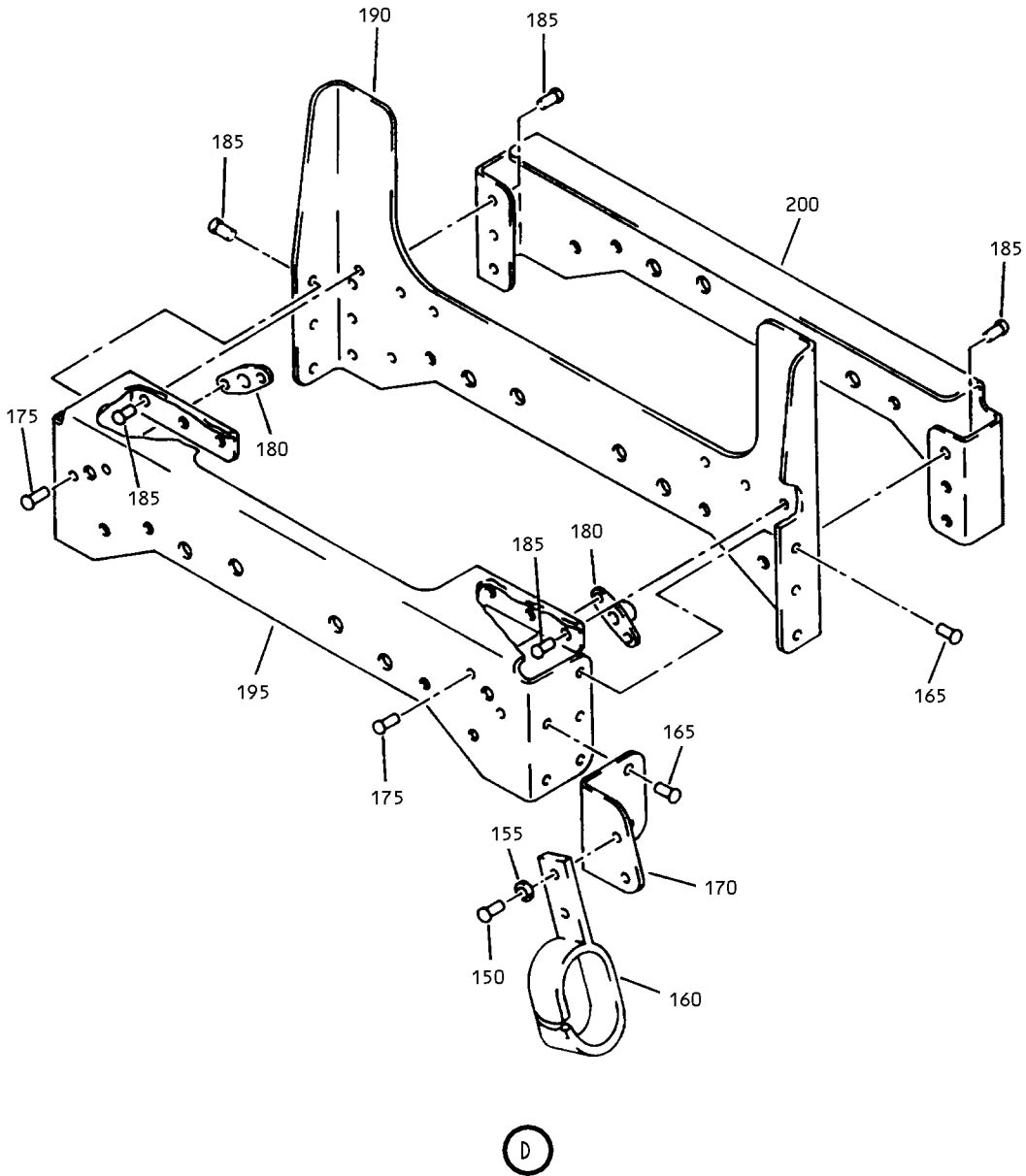




Stabilizer Cutoff Switch Assembly  
Figure 5 (Sheet 3)

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Stabilizer Cutoff Switch Assembly  
Figure 5 (Sheet 4)

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 COMPONENT  
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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
05-					
-1A	253T2144-28		SWITCH ASSY-STAB. CUTOFF	L	RF
-1B	253T2144-30		SWITCH ASSY-STAB. CUTOFF	N	RF
5	NAS601-38P		.SCREW	L,N	4
10	NAS43DD1-32		.SPACER	L	2
-10A	NAS43DD1-32FC		.SPACER	N	2
15	NAS43DD1-43		.SPACER	L	2
-15A	NAS43DD1-43FC		.SPACER	N	2
20	NAS1149DN616J		.WASHER	L,N	4
25	H52732-06CD		.NUT- (V15653) (SPEC BACN10YR06CD) (OPT PLH506CD (V62554))	L,N	4
30	NAS43DD4-46		.SPACER	L	4
-30A	NAS43DD4-46FC		.SPACER	N	4
35	NAS43DD4-78		.SPACER	L	2
-35A	NAS43DD4-78FC		.SPACER	N	2
40	253T2140-4		.SPACER	L,N	2
45	NAS1149D0416J		.WASHER	L,N	4
50	HST79CY8		.COLLAR- (V73197) (SPEC BACC30BL8) (OPT HST79-8 (V56878)) (OPT HST79-8 (V92215)) (OPT HST79-8 (V5M902))	L,N	4
53	HST10AG8-45		DELETED		
53A	HST10AG8-35		.BOLT- (V0PTK6) (SPEC BACB30VT8K35) (OPT HST10AG8-35 (V06725)) (OPT HST10AG8-35 (V56878)) (OPT HST10AG8-35 (V73197))	L,N	4

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
05-					
55	253T2163-2		.SPRING	L,N	1
60	H52732-3CD		.NUT- (V15653) (SPEC BACN10YR3CD) (OPT PLH53CD (V62554)) (OPT ITEM 60A)	L,N	6
-60A	MS35650-302		.NUT- (OPT ITEM 60)	L,N	6
65	253T2139-1		.STOP- (OPT ITEMS 65A, 65B)	L	6
-65A	253T2139-2		.STOP- (OPT ITEMS 65, 65B)	L	6
-65B	253T2139-3		.STOP- (OPT ITEMS 65, 65A)	L	6
-65C	253T2139-4		.STOP	N	6
70	253T2141-3		.GUARD-SWITCH	L,N	4
71	NAS623-3-4		.SCREW	L,N	2
72	NAS1149D0332J		.WASHER	L,N	2
73	BACC10DK2		.CLAMP	L,N	1
74	BACC10DK3		.CLAMP	L,N	1
75	10AT96-1		.SWITCH- (V82647)	L	4
-75A	10AT96-1		.SWITCH- (V82647) (OPT ITEM 75B)	N	4
-75B	63749-1		.SWITCH- (V02005) (OPT ITEM 75A)	N	4

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 COMPONENT  
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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
05-					
78	253T2161-1		.SPACER	L,N	3
80	253T2144-21		.ARM ASSY	L,N	1
85	253T2144-22		.ARM ASSY	L,N	1
90	253T2150-2		..BUSHING	L,N	2
95	253T2137-5		..ARM ASSY- (USED ON ITEM 80)	L,N	1
100	253T2137-6		..ARM ASSY- (USED ON ITEM 85)	L,N	1
110	MS21209F1-10		...INSERT	L,N	3
115	253T2143-1		...RETAINER	L,N	1
120	BACR15BB2B		...RIVET- (SIZE DETERMINE ON INST) (NHA 253T2137)	L,N	2
125	SR2-6EE		...BEARING- (V83086) (OPT ITEMS 125A, 125C)	L,N	1
-125A	S618CE		DELETED		
-125B	BCREF11098		...BEARING- (V83086) (OPT ITEMS 125, 125C)	L,N	1
-125C	S618CE7		...BEARING- (V83086) (OPT ITEMS 125, 125B)	L,N	1
130	253T2137-4		...RIVET-BRG	L,N	1
135	253T2137-7		...ARM- (USED ON ITEM 95)	L,N	1
140	253T2137-8		...ARM- (USED ON ITEM 100)	L,N	1
145	253T2142-27		.BRACKET ASSY	L,N	1
150	BACR15BB4B		..RIVET- (SIZE DETERMINE ON INST) (NHA 253T2142)	L,N	2
155	NAS1149FN416J		..WASHER	L,N	1
160	255T4183-2		..FAIRLEAD	L,N	1
165	BACR15BB4D		..RIVET- (SIZE DETERMINE ON INST) (NHA 253T2142)	L,N	5
170	253T2142-15		..ANGLE	L,N	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
05-175	BACR15BA3AD		..RIVET- (SIZE DETERMINE ON INST) (NHA 253TR2142)	L,N	4
180	K1000-3BAC		..NUTPLATE- (V15653) (SPEC BACN10JR3) (OPT NS103202-02 (V80539)) (OPT RMA9201-3 (V72962)) (OPT T8088S1032 (V11815)) (OPT VN102A1-02 (V92215)) (OPT BR2000A3 (V52828))	L,N	2
185	BACR15BB4D		..RIVET- (SIZE DETERMINE ON INST) (NHA 253T2142)	L,N	15
190	253T2142-24		..PANEL-INBD	L,N	1
195	253T2142-19		..PANEL-OUTBD	L,N	1
200	253T2142-25		..PANEL	L,N	1

- Item Not Illustrated

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