TO: ALL HOLDERS OF CONTROL STAND FLAP POSITION SENSOR GEAR BOX ASSEMBLY
COMPONENT MAINTENANCE MANUAL 27-51-26

REVISION NO. 6 DATED JUL 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 to the Record of Revision Sheet.

CHAPTER/SECTION AND PAGE NO.	DESCRIPTION OF CHANGE
702	Revised Assembly step D from 0-degree-15 feet, to read 0.25 degrees.

CONTROL STAND FLAP POSITION SENSOR GEARBOX ASSEMBLY

PART NUMBERS 253T5723-2,-3

COMPONENT MAINTENANCE MANUAL
WITH
ILLUSTRATED PARTS LIST

7976

REVISION RECORD

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

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

TEMPORARY REVISION AND SERVICE BULLETIN RECORD

BOEING SERVICE BULLETIN	BOEING TEMPORARY REVISION	OTHER DIRECTIVE	DATE OF INCORPORATION INTO MANUAL

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2	BLANK	
REVISION RECORD		
1	JUL 10/83	01
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TR & SB RECORD		
1	JUL 10/83	01
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*1	JUL 01/04	01
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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
2. Record of Revisions
3. Temporary Revision & Service Bulletin Record
4. List of Effective Pages
5. Table of Contents
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.

CONTROL STAND FLAP POSITION SENSOR GEARBOX ASSEMBLY

DESCRIPTION AND OPERATION

1. Description

A. The control stand flap position sensor gearbox assembly consists of an input shaft and two internally splined output gears mounted in a covered housing.

2. Operation

A. Movement of the control stand flap control lever causes rotation of the gearbox assembly input shaft. Output from the gears is fed to a pair of rotary variable differential transformers (RVDT's) which provide flap position signals.

3. Leading Particulars (Approximate)

Length (overall) -- 6 inches
Height (overall) -- 6 inches
Width (overall) -- 4 inches
Weight -- 1 pound

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

A. Disassemble by standard industry practices.

NOTE: Do not disassemble cover assembly or housing assembly (IPL Fig. 1, 30; IPL Fig. 2, 65) unless repair or replacement is necessary (IPL Fig. 1, 15; IPL Fig. 2, 45).

CLEANING

1. Clean all parts but not the bearings (IPL Fig. 1, 20, 35, 40; IPL Fig. 2, 50, 70, 75) with standard industry practices and information contained in 20-30-03.

2. Clean teflon-sealed bearings (IPL Fig. 1, 20, 35, 40; IPL Fig. 2, 50, 70, 75) as shown in manufacturer's instructions.

CHECK

1. Check all parts for obvious defects in accordance with standard industry practices (IPL Fig. 1 and 2).

2. Magnetic particle check as shown in 20-20-01 -- Input shaft (IPL Fig. 1, 60; IPL Fig. 2, 95) and gear (IPL Fig. 1, 65; IPL Fig. 2, 100)

3. Penetrant check as shown in 20-20-02 -- Cover (IPL Fig. 1, 25; IPL Fig. 2, 60), housing (IPL Fig. 1, 55; IPL Fig. 2, 90) and clamp (IPL Fig. 2, 25).

REPAIR - GENERAL

1. Content

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

B.

P/N	NAME	REPAIR
253T5724	HOUSING	1-1
253T5725	COVER	2-1
253T5726	INPUT SHAFT	3-1
253T5727	GEAR	4-1
BAC27TCT0064 BAC27TCT0065	MARKER REPLACEMENT	5-1

2. Standard Practices

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

B. 20-30-02 Stripping of Protective Finishes
20-41-01 Decoding Table for Boeing Finish Codes
20-42-03 Hard Chrome Plating
20-42-05 Bright Cadmium Plating
20-43-01 Chromic acid Anodizing
20-50-03 Bearing Installation and Retention
20-50-05 Application of Aluminum Foil and Other Markers

3. Materials

NOTE: Equivalent substitutes may be used.

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

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

EXAMPLES

— | 0.002	STRAIGHT WITHIN 0.002
⊥ | 0.002 | B	PERPENDICULAR TO B WITHIN 0.002
// | 0.002 | A	PARALLEL TO A WITHIN 0.002
○ | 0.002	ROUND WITHIN 0.002
⌭ | 0.010	CYLINDRICAL SURFACE MUST LIE BETWEEN TWO CONCENTRIC CYLINDERS, ONE OF WHICH HAS A RADIUS 0.010 INCH GREATER THAN THE OTHER
⌒ | 0.006 | A	EACH LINE ELEMENT OF THE SURFACE AT ANY CROSS SECTION MUST LIE BETWEEN TWO PROFILE BOUNDARIES 0.006 INCH APART RELATIVE TO DATUM PLANE A
⌓ | 0.020 | A	SURFACES MUST LIE WITHIN PARALLEL BOUNDARIES 0.02 INCH APART AND EQUALLY DISPOSED ABOUT TRUE PROFILE
◎ ∅ 0.0005 | C	CONCENTRIC TO C WITHIN 0.0005 DIAMETER
≡ | 0.010 | A	SYMMETRICAL WITH A WITHIN 0.010
∠ | 0.005 | A	ANGULAR TOLERANCE 0.005 WITH A
⌖ ∅ 0.002 Ⓢ | B	LOCATED AT TRUE POSITION WITHIN 0.002 DIA RELATIVE TO DATUM B, REGARDLESS OF FEATURE SIZE
⊥ ∅ 0.010 Ⓜ | A 0.510 Ⓟ	AXIS IS TOTALLY WITHIN A CYLINDER OF 0.010-INCH DIAMETER, PERPENDICULAR TO, AND EXTENDING 0.510-INCH ABOVE, DATUM A, MAXIMUM MATERIAL CONDITION
[2.000] OR 2.000 BSC	THEORETICALLY EXACT DIMENSION IS 2.000

NOTE: DATUM MAY APPEAR AT EITHER SIDE OF TOLERANCE FRAME

0.020 | A
A | 0.020

True Position Dimensioning Symbols
Figure 601

HOUSING ASSEMBLY - REPAIR 1-1

253T5724-1

NOTE: Refer to REPAIR-GENERAL for a 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)

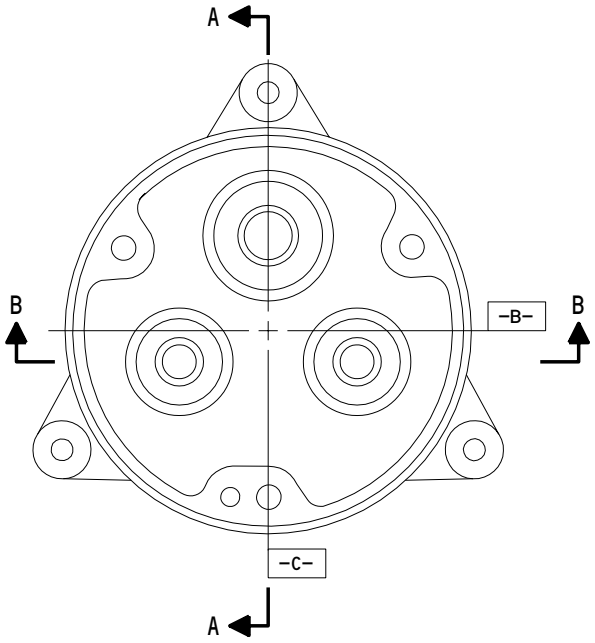
   A. Remove bearing (IPL Fig. 1, 35, 40; IPL Fig. 2, 70, 75).

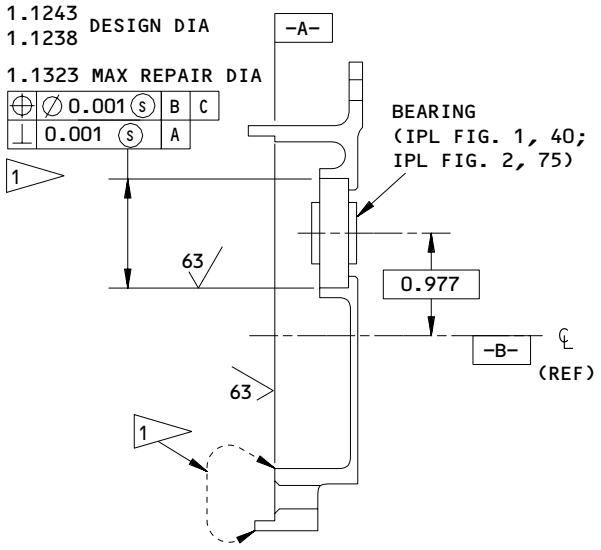
   B. Install replacement bearing with wet primer.

2. Bearing Surface Repair (Fig. 601)

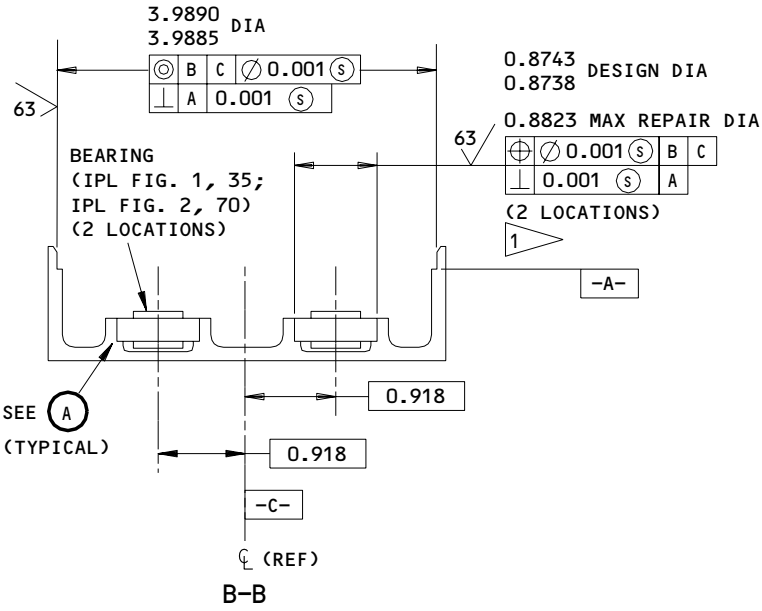
   A. Machine diameter as required to remove defects within repair limit shown.

   B. Hard anodize (F-17.06) and machine to design dimensions and finish shown. Plating thickness must not exceed 0.004 inch after machining.

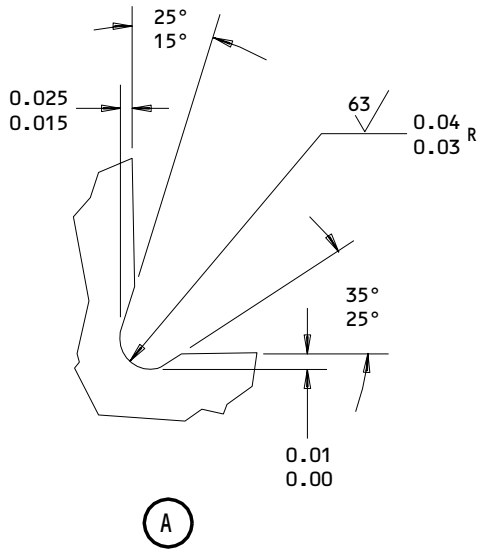




A-A



B-B



REFINISH

HOUSING (IPL FIG. 1, 55; IPL FIG. 2, 90):
CHROMIC ACID OR SULFURIC ACID ANODIZE (F-17.05)
AND APPLY A LAYER OF BMS 10-11, TYPE 1 PRIMER
(F-20.02) UNLESS SHOWN DIFFERENTLY

MATERIAL: AL ALLOY

1 NO PRIMER ON THESE SURFACES

ALL DIMENSIONS ARE IN INCHES

253T5724-1
Housing Assembly - Bearing Replacement and Refinish
Figure 601

7980

COVER ASSEMBLY - REPAIR 2-1

253T5725-5

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

1. Bearing Replacement

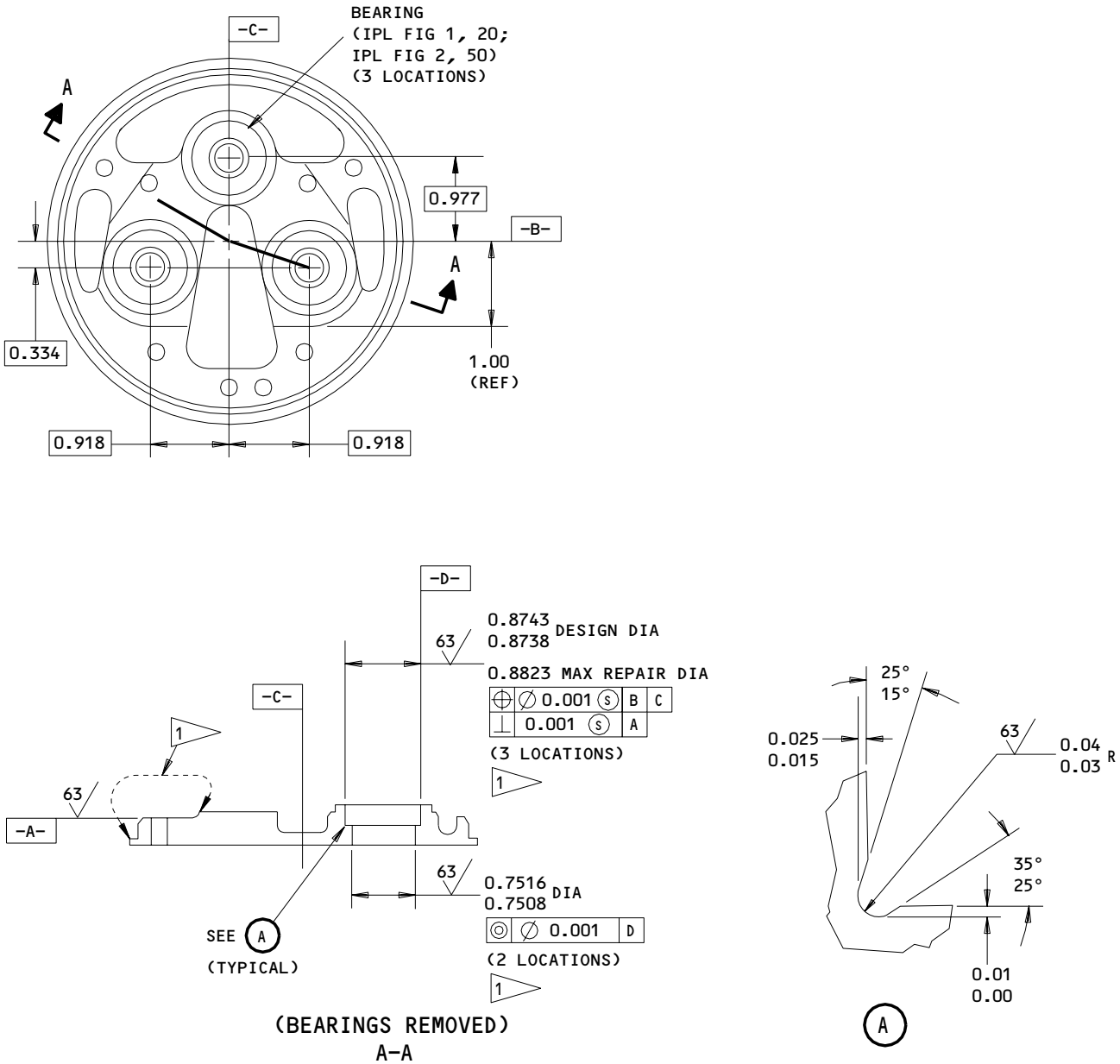
   A. Remove bearing (IPL Fig. 1, 20; IPL Fig. 2, 50).

   B. Install replacement bearing using wet primer and roller swage in place.

2. Bearing Surface Repair (Fig. 601)

   A. Machine diameter as required to remove defects within repair limit shown.

   B. Hard anodize (F-17.06) and machine to design dimensions and finish shown. Plating thickness must not exceed 0.004 inch after machining.



(BEARINGS REMOVED)
A-A

REFINISH

COVER (IPL FIG 1, 25; IPL FIG 2, 60):
CHROMIC ACID OR SULFURIC ACID ANODIZE (F-17.05)
AND APPLY A LAYER OF BMS 10-11, TYPE 1 PRIMER
(F-20.02) UNLESS SHOWN DIFFERENTLY

1 NO PRIMER ON THIS SURFACE

MATERIAL: AL ALLOY

ALL DIMENSIONS ARE IN INCHES

253T5725-5
Cover Assembly - Bearing Replacement and Refinish
Figure 601

7981

INPUT SHAFT - REPAIR 3-1

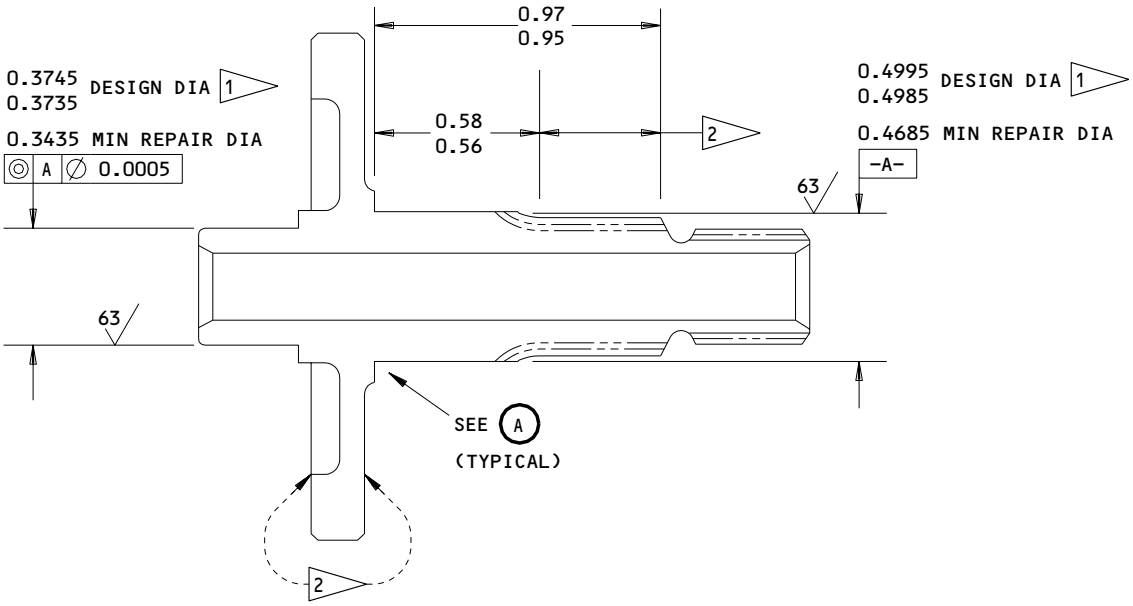
253T5726-1

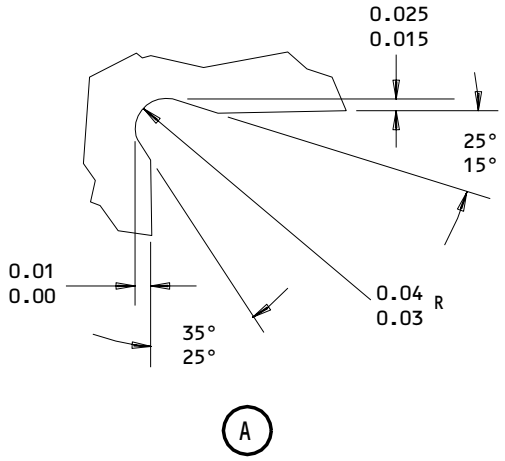
NOTE: Refer to REPAIR-GENERAL for a list of applicable standard practices. For repair of surfaces which may only require stripping and restoration of original finish, refer to REFINISH instructions, Fig. 601.

1. Bearing Surface Repair (Fig. 601)

   A. Machine diameter as required to remove defects within repair limit shown.

   B. Build up repaired area with chrome plate as shown in 20-42-03 and grind to design dimensions and finish shown. Chrome plate thickness must not exceed 0.015 inch after grinding.





REFINISH

SHAFT (IPL FIG 1, 60; IPL FIG 2, 95):
CADMIUM PLATE (F-15.02)(0.0002-0.0003 THICK)
UNLESS SHOWN DIFFERENTLY

125 ALL MACHINED SURFACES UNLESS SHOWN DIFFERENTLY

1 DIMENSIONS APPLY AFTER PLATING

2 NO CADMIUM PLATING THESE AREAS

MATERIAL: NITRALLOY 135
150-200 KSI

ALL DIMENSIONS ARE IN INCHES

253T5726-1
Input Shaft - Bearing Surface Repair
Figure 601

169332

GEAR - REPAIR 4-1

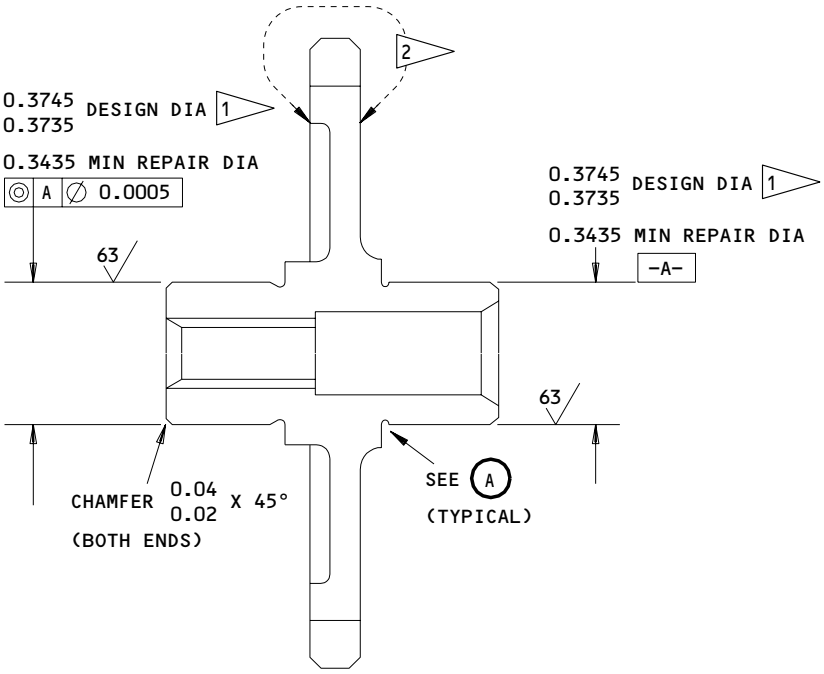
253T5727-1

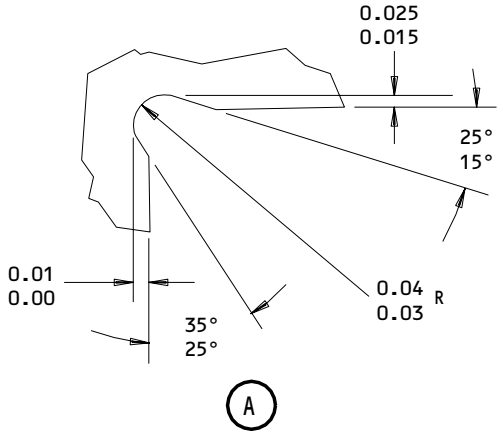
NOTE: Refer to REPAIR-GENERAL for a list of applicable standard practices. For repair of surfaces which may only require stripping and restoration of original finish, refer to REFINISH instructions, Fig. 601.

1. Bearing Surface Repair (Fig. 601)

   A. Machine diameter as required to remove defects within repair limit shown.

   B. Build up repaired area with chrome plate as shown in 20-42-03 and grind to design dimensions and finish shown. Chrome plate thickness must not exceed 0.015 inch after grinding.





REFINISH

GEAR (IPL FIG 1, 65; IPL FIG 2, 100):
CADMIUM PLATE (F-15.02) (0.0002-0.0003 THICK)
UNLESS SHOWN DIFFERENTLY

1 DIMENSIONS APPLY AFTER PLATING

2 NO CADMIUM PLATING THIS AREA

125 ALL MACHINED SURFACES UNLESS SHOWN DIFFERENTLY

MATERIAL: NITRALLOY 135
150-200 KSI

ALL DIMENSIONS ARE IN INCHES

253T5727-1
Gear - Bearing Surface Repair
Figure 601

169336

MARKER REPLACEMENT - REPAIR 5-1

BAC27TCTO064
BAC27TCTO065

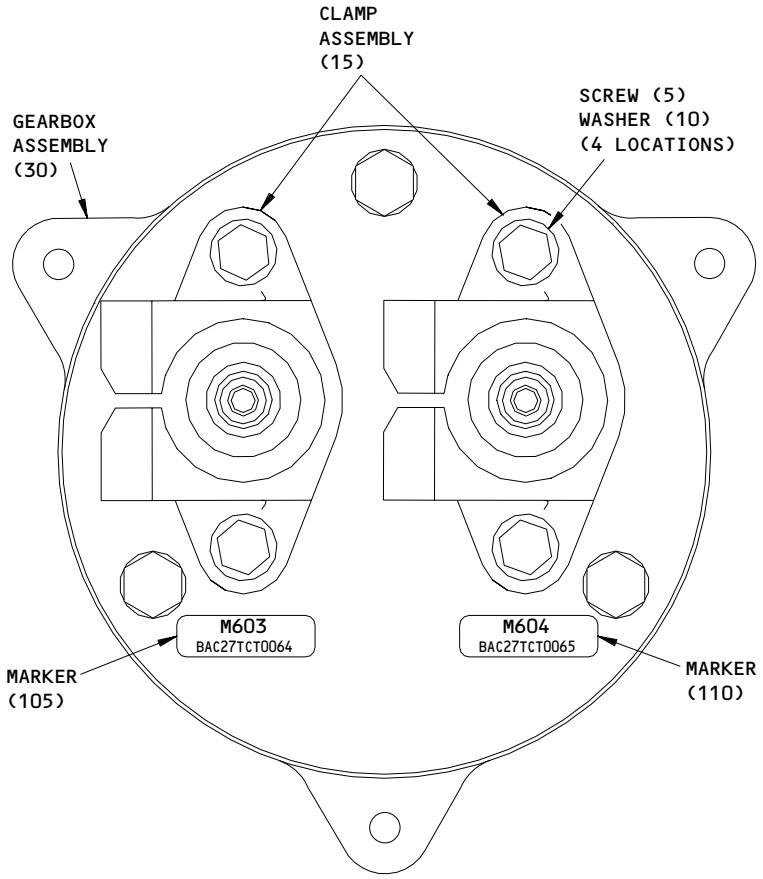
NOTE: Refer to REPAIR - GENERAL for a list of applicable standard practices.

1. Marker Replacement

A. Remove marker (IPL Fig. 2, 105, 110).

B. Install replacement marker in location shown in Fig. 601 and in 20-50-05.

C. Apply top coating, Type 41, to marker. Extend coating 0.3 inch beyond the edge of the marker where possible.



ITEM NUMBERS REFER TO IPL FIG. 2

253T5723-3
Gearbox Assembly Repair
Figure 601

ASSEMBLY

1. Materials

NOTE: Equivalent substitutes may be used.

A. Grease -- MIL-G-23827 (Ref 20-60-03)

2. Lubrication

A. Lightly lubricate all gear teeth with grease.

3. Assembly

A. Assemble 253T5723-2 (Ref IPL Fig. 1) as follows:

(1) Install input shaft (60) and gears (65) in housing assembly (30). Make sure internal splines in gears face upward.

(2) Install cover assembly (15) onto housing assembly (30 with bolts (5) and washers (10).

B. Assemble 253T5723-3 (Ref IPL Fig. 2) as follows:

(1) Install shaft (95) and gears (100) in housing assembly (65). Make sure internal splines in gears face upward.

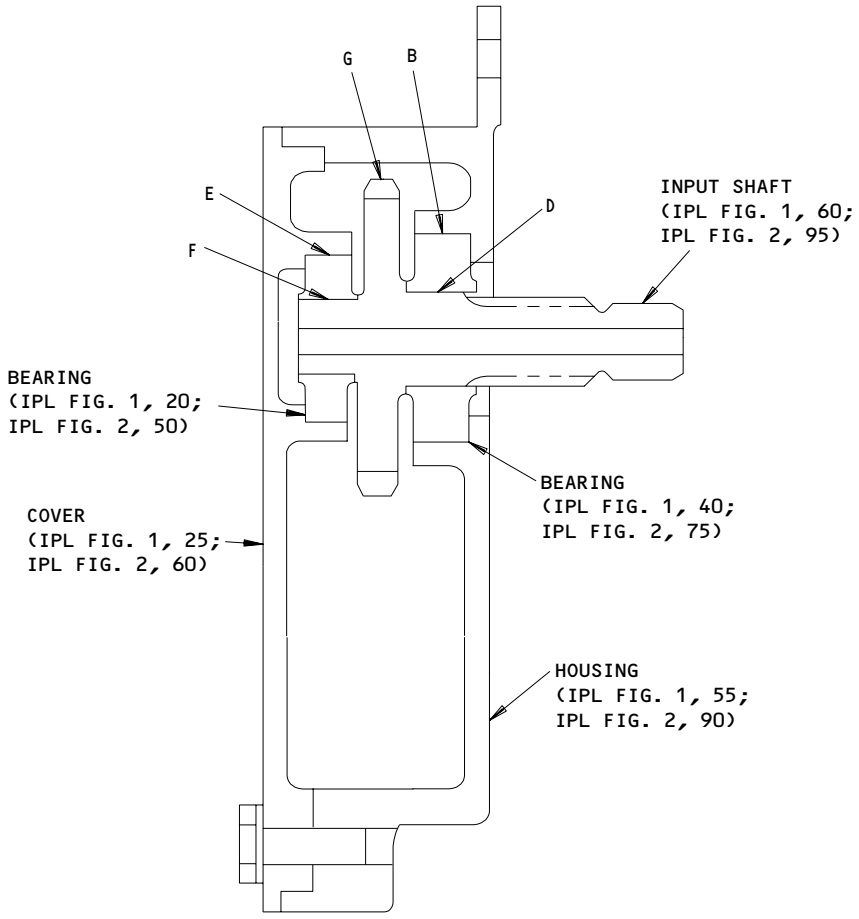
(2) Install cover assembly (45) onto housing assembly (65) with bolts (35) and washers (40).

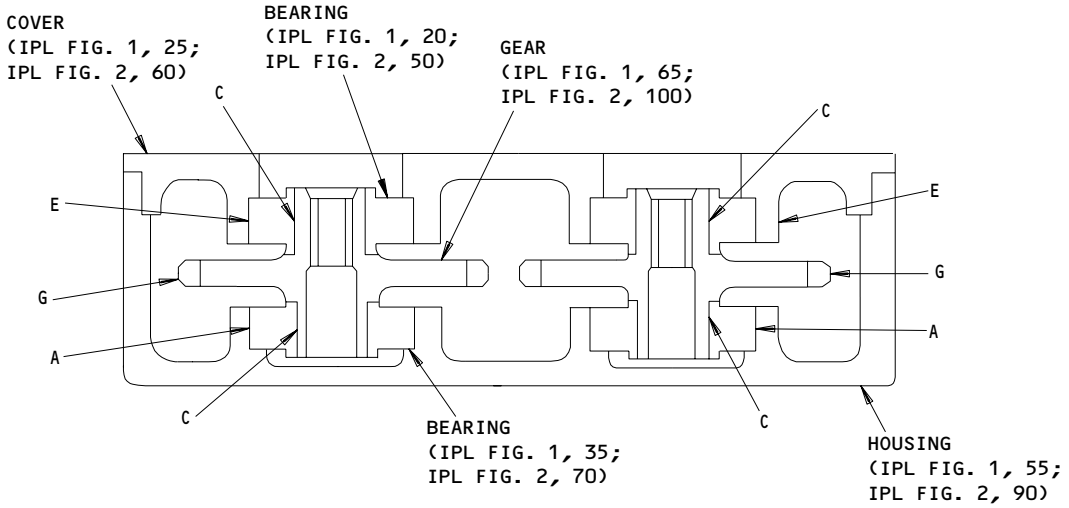
(3) Install clamp assembly (15) with screws (5) and washer (10).

C. Check gearbox assembly for smooth operation. Turn input shaft (IPL Fig. 1, 60; IPL Fig. 2, 95) for 30 revolutions in each direction. The gearbox must be smooth running with no binding or rough opertaion.

D. Check backlash of input shaft (IPL Fig. 1, 60; IPL Fig. 2, 95) against gear (IPL Fig. 1, 65; IPL Fig. 2, 100). Backlash shall not exceed 0.25 degrees.

FITS AND CLEARANCES





Fits and Clearances
Figure 801 (Sheet 1)

169348

Ref Letter	Ref IPL Mating Item No.	Design Dimension*				Service Wear Limit*		
		Dimension		Assembly Clearance 1		Dimension		Maximum Clearance
		Min	Max	Min	Max	Min	Max	
A	ID 55 3 ; 90 4 OD 35 3 ; 70 4	0.8738 0.8745	0.8743 0.8750	−0.0012	−0.0002			−0.0002
B	ID 55 3 ; 90 4 OD 40 3 ; 75 4	1.1238 1.1245	1.1243 1.1250	−0.0012	−0.0002			−0.0002
C	ID 20,35 3 ; 50,70 4 OD 65 3 ; 100 4	0.3745 0.3735	0.3750 0.3745	0.0000	0.0015			0.0015
D	ID 40 3 ; 75 4 OD 60 3 ; 95 4	0.4995 0.4985	0.5000 0.4995	0.0000	0.0015			0.0015
E	ID 25 3 ; 60 4 OD 20 3 ; 50 4	0.8738 0.8745	0.8743 0.8750	−0.0012	−0.0002			−0.0002
F	ID 20 3 ; 50 4 OD 60 3 ; 95 4	0.3745 0.3735	0.3750 0.3745	0.0000	0.0015			
G 2	60,65 3 ; 95,100 4	1.7159	1.7183			1.7159		0.0015

* ALL DIMENSIONS ARE IN INCHES

1 NEGATIVE VALUES SHOW INTERFERENCE FIT

2 MEASUREMENT OVER TWO 0.0864 DIA PINS ON GEAR TEETH

3 IPL FIG. 1

4 IPL FIG. 2

Fits and Clearances
Figure 801 (Sheet 2)

169661

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.

VENDORS

K8455 RHP BEARINGS PLC RHP AEROSPACE
OLDENDS LANE
STONEHOUSE GL10 3RM UK

21335 TORRINGTON CO FAFNIR BEARING DIV
59 FIELD STREET
TORRINGTON, CONNECTICUT 06790-4942

30163 VALENTEC DAYRON INC
333 MAGUIRE BLVD PO BOX 140394
ORLANDO, FLORIDA 32814-0394

38443 MRC BEARINGS
402 CHANDLER STREET
JAMESTOWN, NEW YORK 14701-3802

40920 MPB MINIATURE PRECISION BEARING DIV
PRECISION PARK PO BOX 547
KEENE, NEW HAMPSHIRE 03431

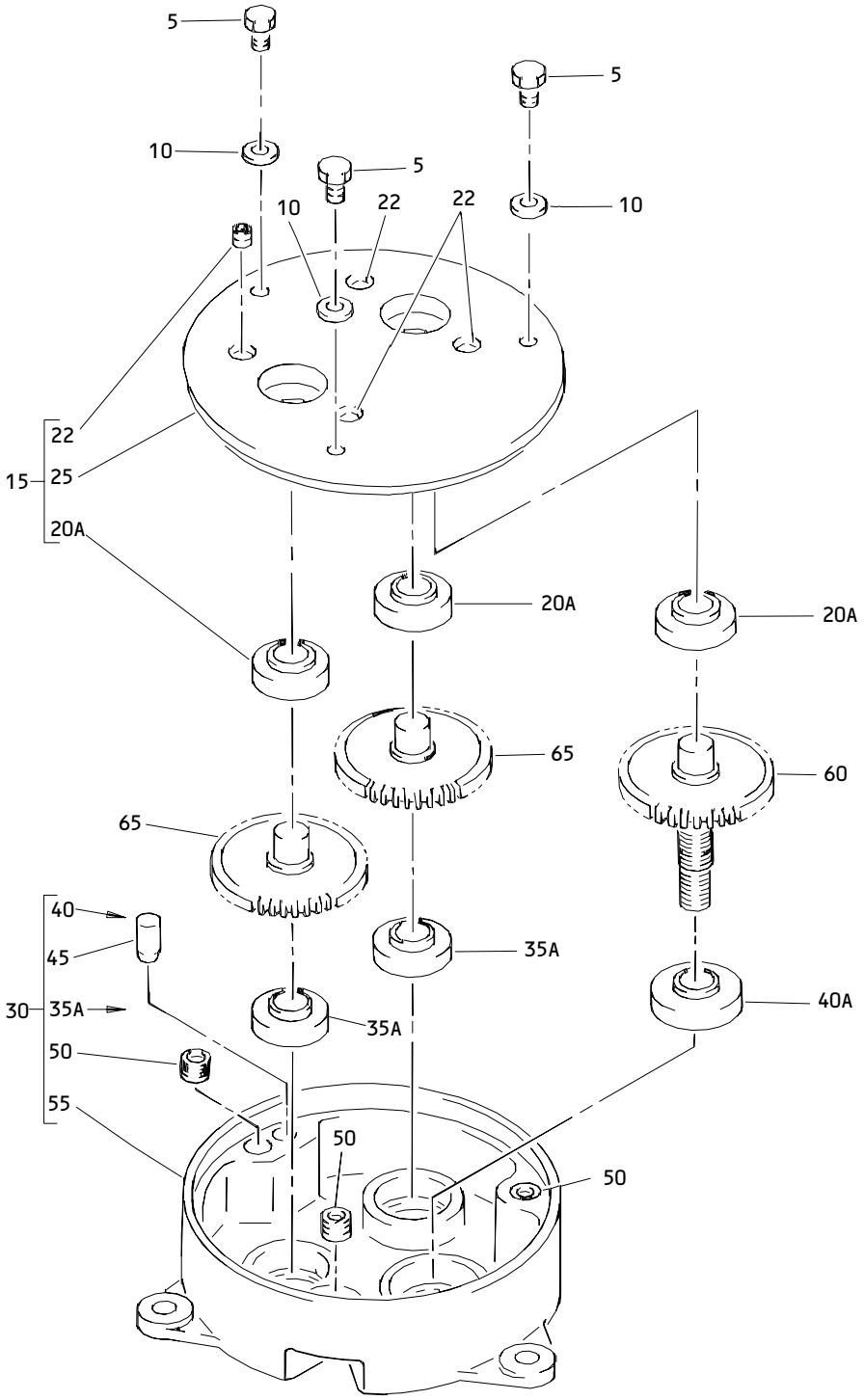
43991 FAG BEARING INCORPORATED
118 HAMILTON AVENUE
STAMFORD, CONNECTICUT 06904

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

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
AN960D10L		1	10	3
		2	40	3
BACB10BX6		1	20	3
		1	35	2
		2	50	3
		2	70	2
BACB10BX8		1	40	1
		2	75	1
BACS12GU3K6		2	5	4
BAC27TCT0064		2	105	1
BAC27TCT0065		2	110	1
CS206E		1	20	3
		1	35	2
		2	50	3
		2	70	2
CS208E		2	75	1
KP6A		1	20	3
		1	35	2
		2	50	3
		2	70	2
KP6AFS428		1	20	3
		1	35	2
		2	50	3
		2	70	2
KP6AG27		1	20	3
		1	35	2
		2	50	3
		2	70	2
KP6A2TS		1	20	3
		1	35	2
		2	50	3
		2	70	2

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
KP6BLY196		1	20	3
		1	35	2
		2	50	3
		2	70	2
KP6BSD610		1	20	3
		1	35	2
		2	50	3
		2	70	2
KP8A		1	40	1
		2	75	1
KP8AFS428		1	40	1
		2	75	1
KP8AG27		1	40	1
KP8AG27		2	75	1
KP8A2TS		1	40	1
		2	75	1
KP8BLY196		1	40	1
		2	75	1
LLKP6A		1	20	3
		1	35	2
		2	50	3
		2	70	2
LLKP8A		1	40	1
		2	75	1
MS21209F1-15		1	22	4
		2	20	4
		2	55	4
MS21209F1-20		1	50	3
		2	85	3
NAS1149D0316J		2	10	4
NAS607-3-4P		1	45	1
		2	80	1
NAS6603-5		1	5	3
		2	35	3

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
253T5723-2		1	1	RF
		2	30	1
253T5723-3		1	1A	RF
		2	1	RF
253T5724-1		1	30	1
		2	65	1
253T5724-2		1	55	1
		2	90	1
253T5725-5		1	15	1
		2	45	1
253T5725-6		1	25	1
		2	60	1
253T5726-1		1	60	1
		2	95	1
253T5727-1		1	65	2
		2	100	2
253T5734-1		2	15	2
253T5734-2		2	25	2



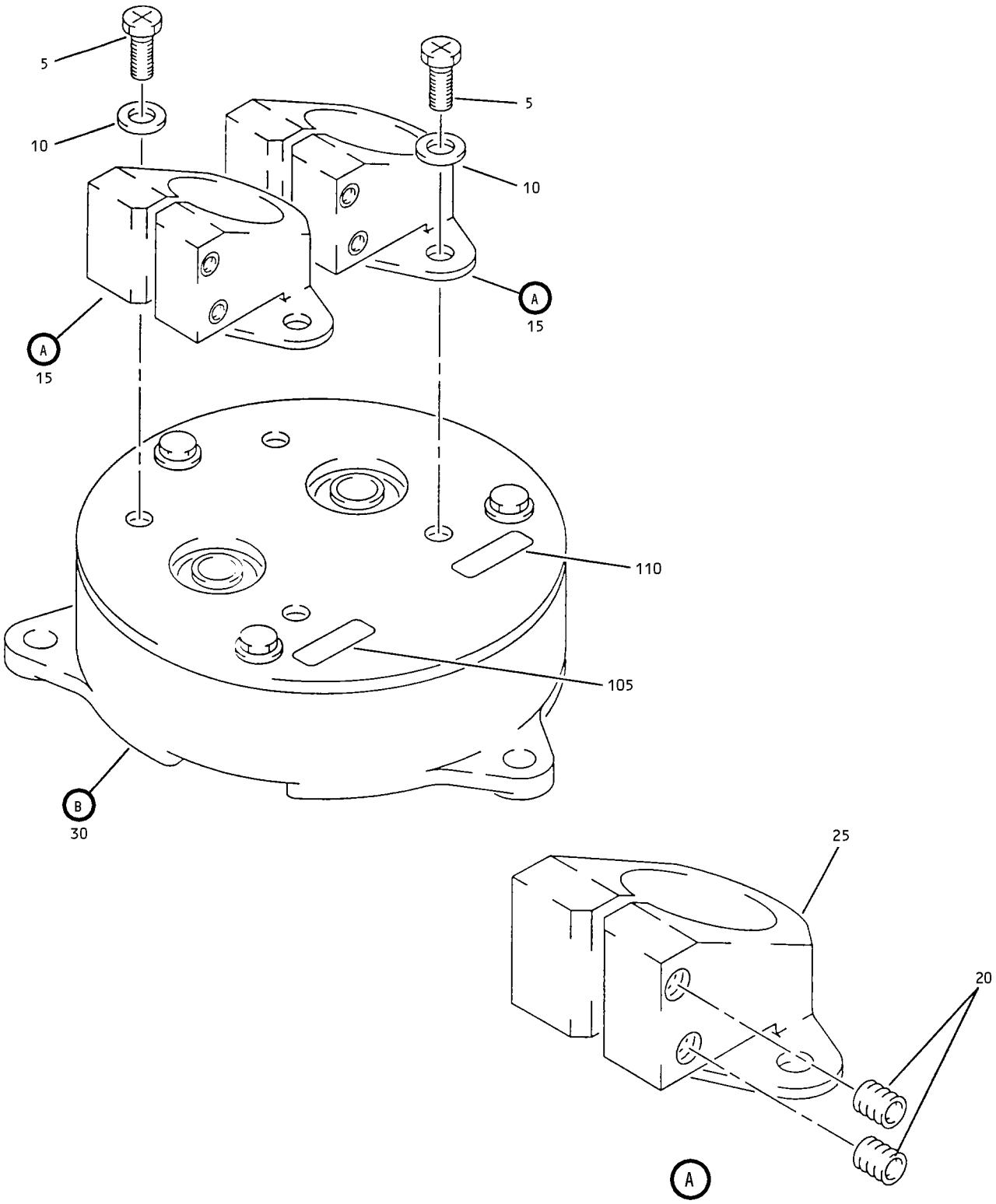
Control Stand Flap Position Sensor Gearbox Assembly
Figure 1

T55267

	FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
	01-					
	-1	253T5723-2		GEARBOX ASSY-CONT STAND FLAP POSITION SENSOR	A	RF
R	-1A	253T5723-3		GEARBOX ASSY-CONT STAND FLAP POSITION SENSOR (FOR DETAILS SEE FIG. 2)	B	RF
	5	NAS6603-5		.BOLT	A	3
	10	AN960D10L		.WASHER	A	3
	15	253T5725-5		.COVER ASSY	A	1
R	20	KP6AFS428		..BEARING- (V21335) (SPEC BACB10BX6) (OPT KP6A2TS (V43991)) (OPT LLKP6A (V38443)) (OPT KP6AG27 (V30163)) (OPT KP6A (V38443)) (OPT KP6BLY196 (V40920)) (OPT KP6BSD610 (V83086)) (OPT CS206E (VK8455))	A	3
	22	MS21209F1-15		..INSERT	A	4
	25	253T5725-6		..COVER	A	1
	30	253T5724-1		.HOUSING ASSY	A	1
R	35	KP6AFS428		..BEARING- (V21335) (SPEC BACB10BX6) (OPT KP6A2TS (V43991)) (OPT LLKP6A (V38443)) (OPT KP6AG27 (V30163)) (OPT KP6A (V38443)) (OPT KP6BLY196 (V40920)) (OPT KP6BSD610 (V83086)) (OPT CS206E (VK8455))	A	2

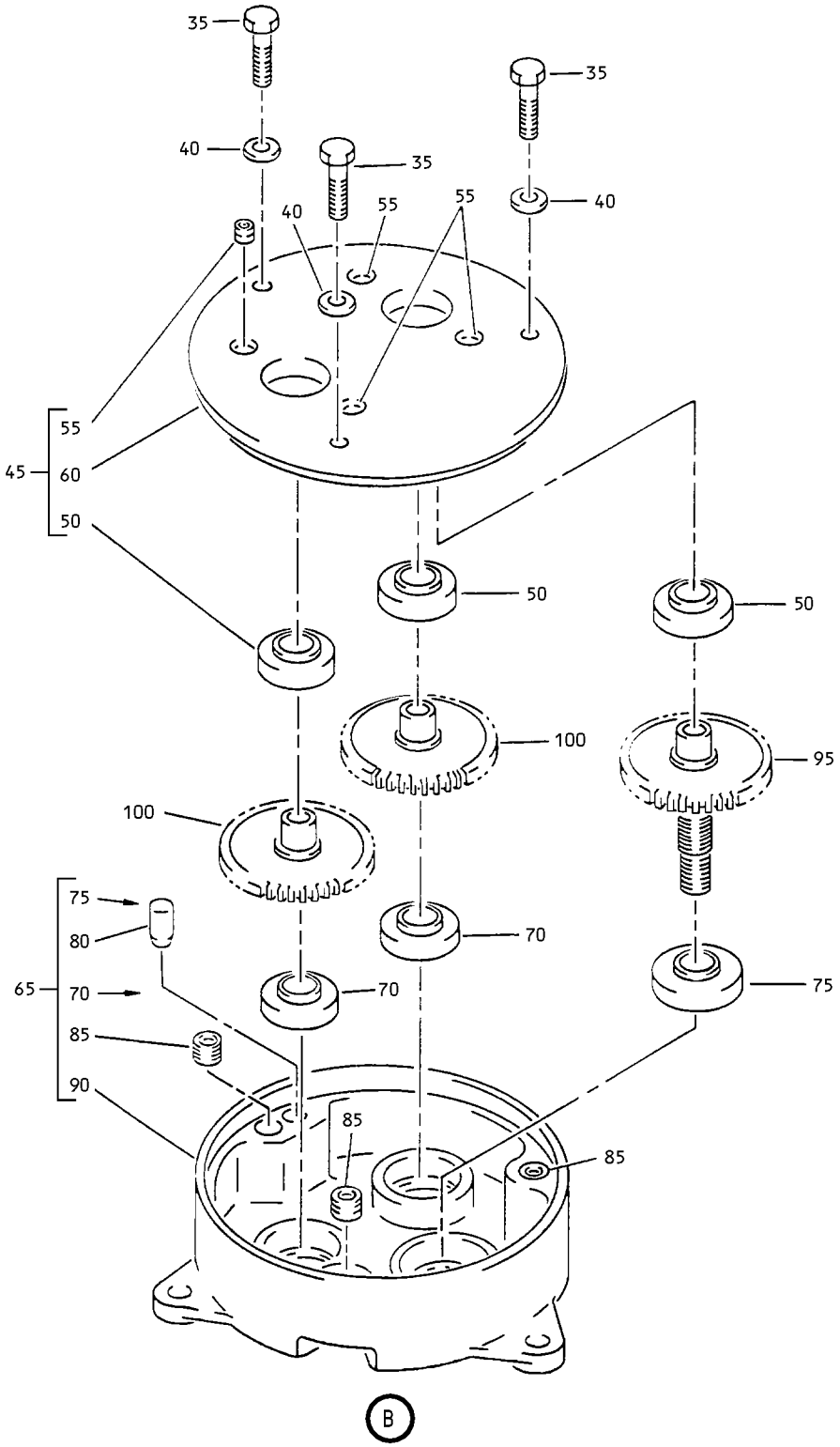
	FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
	01-					
R	40	KP8AFS428		..BEARING- (V21335) (SPEC BACB10BX8) (OPT KP8A2TS (V43991)) (OPT LLKP8A (V38443)) (OPT KP8AG27 (V30163)) (OPT KP8A (V38443)) (OPT KP8BLY196 (V40920)) (OPT KP8BSD610 (V83086))	A	1
	45	NAS607-3-4P		..PIN	A	1
	50	MS21209F1-20		..INSERT	A	3
	55	253T5724-2		..HOUSING	A	1
	60	253T5726-1		.SHAFT-INPUT	A	1
	65	253T5727-1		.GEAR	A	2

- Item Not Illustrated



Control Stand Flap Position Sensor Gearbox Assembly
Figure 2 (Sheet 1)

L07609



Control Stand Flap Position Sensor Gearbox Assembly
Figure 2 (Sheet 2)

L07615

	FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
	02-					
R	-1	253T5723-3		GEARBOX ASSY-CONT STAND FLAP POSITION SENSOR	B	RF
R	5	BACS12GU3K6		.SCREW	B	4
R	10	NAS1149D0316J		.WASHER	B	4
R	15	253T5734-1		.CLAMP ASSY	B	2
R	20	MS21209F1-15		..INSERT	B	2
R	25	253T5734-2		..CLAMP	B	1
R	30	253T5723-2		.GEARBOX ASSY	B	1
R	35	NAS6603-5		..BOLT	B	3
R	40	AN960D10L		..WASHER	B	3
R	45	253T5725-5		..COVER ASSY	B	1
R	50	KP6AFS428		...BEARING- (V21335) (SPEC BACB10BX6) (OPT KP6A2TS (V43991)) (OPT LLKP6A (V38443)) (OPT KP6AG27 (V30163)) (OPT KP6A (V38443)) (OPT KP6BLY196 (V40920)) (OPT KP6BSD610 (V83086)) (OPT CS206E (VK8455))	B	3
R	55	MS21209F1-15		...INSERT	B	4
R	60	253T5725-6		...COVER	B	1
R	65	253T5724-1		..HOUSING ASSY	B	1

	FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R	02-70	KP6AFS428		...BEARING- (V21335) (SPEC BACB10BX6) (OPT KP6A2TS (V43991)) (OPT LLKP6A (V38443)) (OPT KP6AG27 (V30163)) (OPT KP6A (V38443)) (OPT KP6BLY196 (V40920)) (OPT KP6BSD610 (V83086)) (OPT CS206E (VK8455))	B	2
R	75	KP8AFS428		...BEARING- (V21335) (SPEC BACB10BX8) (OPT KP8A2TS (V43991)) (OPT LLKP8A (V38443)) (OPT KP8AG27 (V30163)) (OPT KP8A (V38443)) (OPT KP8BSD610 (V83086)) (OPT CS208E (VK8455))	B	1

	FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
	02-					
R	80	NAS607-3-4P		...PIN	B	1
R	85	MS21209F1-20		...INSERT	B	3
R	90	253T5724-2		...HOUSING	B	1
R	95	253T5726-1		..SHAFT-INPUT	B	1
R	100	253T5727-1		..GEAR	B	2
R	105	BAC27TCT0064		.MARKER	B	1
R	110	BAC27TCT0065		.MARKER	B	1

- Item Not Illustrated