TO: ALL HOLDERS OF MAIN LANDING GEAR ALTERNATE EXTEND UPLOCK RELEASE CRANK SHAFT ASSEMBLY COMPONENT MAINTENANCE MANUAL 32-35-80

REVISION NO. 3 DATED NOV 01/02

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 the Revision No. and date on the Record of Revision Sheet.

CHAPTER/SECTION AND PAGE NO.	DESCRIPTION OF CHANGE
TITLE PAGE 1	Added shaft assemblies 257T3404-7, -8 with tighter tolerances on spline master teeth.
REPAIR 2-1 601-602 REPAIR 2-2 601-602 REPAIR 4-1 601,603 702 1002-1004,1006-1009	
DESCRIPTION & OPERATION 1 501 REPAIR-GEN 601-602 REPAIR 1-1 601 REPAIR 1-2 601-602 REPAIR 2-1 601-602	Added clarifications and updated callouts.

CHAPTER/SECTION AND PAGE NO.	DESCRIPTION OF CHANGE
REPAIR 2-2	HIGHLIGHT CONTINUED FROM PREVIOUS PAGE
601	
REPAIR 3-1	
601	
REPAIR 4-1	
601,603	
REPAIR 5-1	
601	
701-702	

MAIN LANDING GEAR ALTERNATE EXTEND UPLOCK RELEASE CRANK SHAFT ASSEMBLY

PART NUMBERS 257T3404-3 THRU -8

COMPONENT MAINTENANCE MANUAL
WITH
ILLUSTRATED PARTS LIST

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
		PRR B10293 PRR B11313	OCT 10/85 OCT 10/85

PAGE	DATE	CODE
32-35-80		
TITLE PAGE		
*1	NOV 01/02	01.1
2	BLANK	
REVISION RECORD		
1	OCT 10/85	01
2	BLANK	
TR & SB RECORD		
1	OCT 10/85	01
2	BLANK	
LIST OF EFFECTIVE PAGES		
*1	NOV 01/02	01
THRU LAST PAGE		
CONTENTS		
1	OCT 10/85	01
2	BLANK	
INTRODUCTION		
1	OCT 10/85	01
2	BLANK	
DESCRIPTION & OPERATION		
*1	NOV 01/02	01.1
2	BLANK	
DISASSEMBLY		
301	OCT 10/85	01
302	BLANK	
CHECK		
*501	NOV 01/02	01.1
502	BLANK	
REPAIR-GENERAL		
*601	NOV 01/02	01.1
*602	NOV 01/02	01.1
REPAIR 1-1		
*601	NOV 01/02	01.1
602	BLANK	
REPAIR 1-2		
*601	NOV 01/02	01.1
*602	NOV 01/02	01.1
REPAIR 2-1		
*601	NOV 01/02	01.1
*602	NOV 01/02	01.1
REPAIR 2-2		
*601	NOV 01/02	01.1
*602	NOV 01/02	01.1
REPAIR 3-1		
*601	NOV 01/02	01.1
602	BLANK	
REPAIR 4-1		
*601	NOV 01/02	01.1
*602	NOV 01/02	01.101
*603	NOV 01/02	01.1
604	BLANK	
REPAIR 5-1		
*601	NOV 01/02	01.1
602	BLANK	
ASSEMBLY		
*701	NOV 01/02	01.1
*702	NOV 01/02	01.1
FITS AND CLEARANCES		
801	OCT 10/85	01
802	BLANK	
ILLUSTRATED PARTS LIST		
1001	OCT 10/85	01
*1002	NOV 01/02	01.1
*1003	NOV 01/02	01.1
*1004	NOV 01/02	01.1

* = REVISED, ADDED OR DELETED

PAGE	DATE	CODE
ILLUSTRATED PARTS LIST		CONT.
*1005	BLANK	
*1006	NOV 01/02	01.1
*1007	NOV 01/02	01.1
*1008	NOV 01/02	01.1
*1009	NOV 01/02	01.1
*1010	BLANK	

PAGE	DATE	CODE

* = REVISED, ADDED OR DELETED

TABLE OF CONTENTS

*[1] Special instructions not required. Use standard industry practices.

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.

MAIN LANDING GEAR ALTERNATE EXTEND UNLOCK RELEASE CRANK SHAFT ASSEMBLY

DESCRIPTION AND OPERATION

1. The main landing gear alternate extend uplock release crank shaft assembly includes cranks, spacers, and bearing mounted on a torque shaft. It is part of the linkage in the main landing gear alternate extend uplock release installation (CMM 32-35-83).

2. Leading Particulars (Approximate)

   Length -- 7.5 inches
   Width -- 11.0 inches
   Depth -- 6.2 inches
   Weight -- 5 pounds

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. Refer to IPL Fig. 1 for item numbers.

1. Remove out (20), bolt (10), washers (15) and bearing (25).

2. Remove spacer (30), crank (35), spacer (85), support (90 or 95), spacer (115) and input crank (120 or 125) from torque shaft (130).

3. Do not disassemble crank (35) or support (90 or 95) unless necessary for repair or replacement.

CHECK

1. Examine all parts for defects by standard industry practices.
2. Refer to Fits and Clearances for design dimensions and wear limits.
3. Penetrant check (SOPM 20-20-02) -- cranks (80, 120, 125), torque shaft (130).

REPAIR - GENERAL

1. Content

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

P/N	NAME	REPAIR
257T3431	TORQUE TUBE SUPPORT	1-1
257T3446	ROLLER STOP CRANK	2-1
257T3448	TORQUE SHAFT	3-1
257T3449	INPUT CRANK	4-1
- - -	MISCELLANEOUS PARTS REFINISH	5-1

2. Standard Practices

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

20-00-00	Introduction
20-30-02	Stripping of Protective Finishes
20-41-01	Decoding Table for Boeing Finish Codes
20-43-01	Chromic Acid Anodizing
20-50-03	Bearing and Bushing Replacement
20-60-02	Finishing Materials
20-60-03	Lubricants

3. Materials

NOTE: Equivalent substitutes can be used.

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

B. Enamel -- BMS 10-60, Color 702 White Gloss (SOPM 20-60-02)

C. Enamel - BMS 10-60, Color 707 Gray Gloss (SOPM 20-60-02)

D. Grease -- BMS 3-33 or BMS 3-24 (SOPM 20-60-03)

4. Dimensioning Symbols

A. Standard True Position Dimensioning Symbols used in applicable repair procedures are shown in SOPM 20-00-00.

TORQUE TUBE SUPPORT ASSEMBLY - REPAIR 1-1

257T3431-3, -4, -7, -8

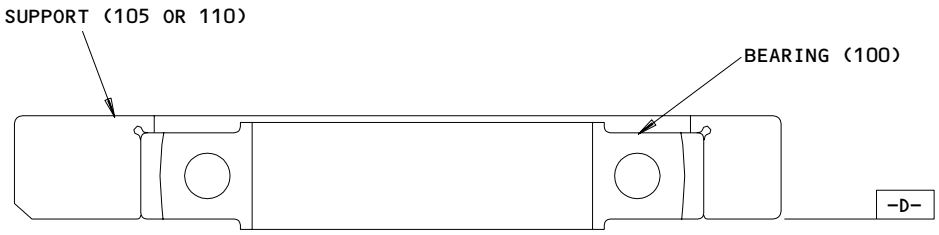
NOTE: Refer to REPAIR - GENERAL for a list of applicable standard practices, and to IPL Fig. 1 for item numbers.

1. Bearing Replacement (Fig. 601)

   A. Remove the old bearing.

   B. If you find defects on the support, refer to REPAIR 1-2 for repair instructions.

   C. Install a replacement bearing and roller swage it (SOPM 20-50-03).



257T3431-3,-4,-7,-8
Bearing Replacement
Figure 601

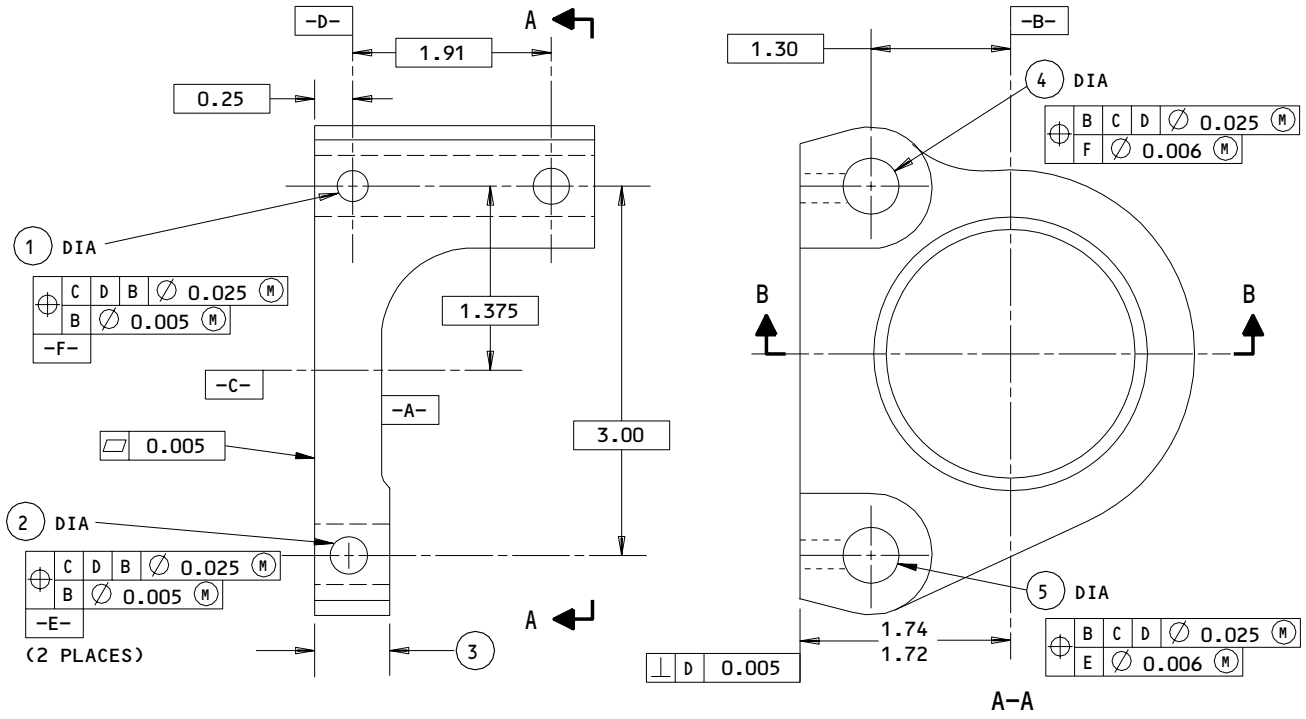
190911

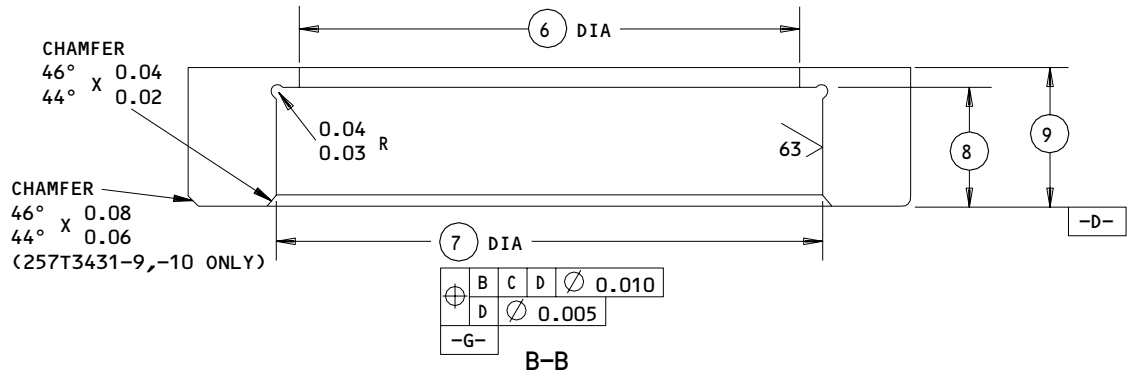
SUPPORT - REPAIR 1-2

257T3431-5, -6, -9, -10

1. Coating Repair

NOTE: Repair is only replacement of the original finish. Refer to Refinish instructions, Fig. 601. Refer to REPAIR - GENERAL for a list of applicable standard practices.





	1	2	3	4	5	6	7	8	9
DESIGN DIM	0.261 0.250	0.312 0.290	0.51 0.49	0.535 0.531	0.535 0.531	2.280 2.260	2.3757 2.3750	0.390 0.375	0.45 0.43

REFINISH

CHROMIC ACID ANODIZE AND APPLY BMS 10-11, TYPE 1 PRIMER (F-18.13) AND BMS 10-60 COLOR 702 WHITE GLOSS ENAMEL (F-14.9812, WHICH REPLACES SRF-14.9812). NO PRIMER OR ENAMEL ON DIA -G-

REPAIR

(SAME AS REFINISH)

125 ALL MACHINED SURFACES UNLESS SHOWN DIFFERENTLY

MATERIAL: AL ALLOY

ALL DIMENSIONS ARE IN INCHES

257T3431-5,-6,-9,-10
Torque Tube Support Repair and Refinish
Figure 601

ROLLER STOP CRANK ASSEMBLY - REPAIR 2-1

257T3446-1, -3, -5

NOTE: Refer to REPAIR - GENERAL for a list of applicable standard practices. Refer to IPL Fig. 1 for item numbers.

1. Parts Replacement (Fig. 601)

   A. Remove nuts (65, 70), bolts (40, 45), washers (50, 55, 60) and bearing (75) from crank (80).

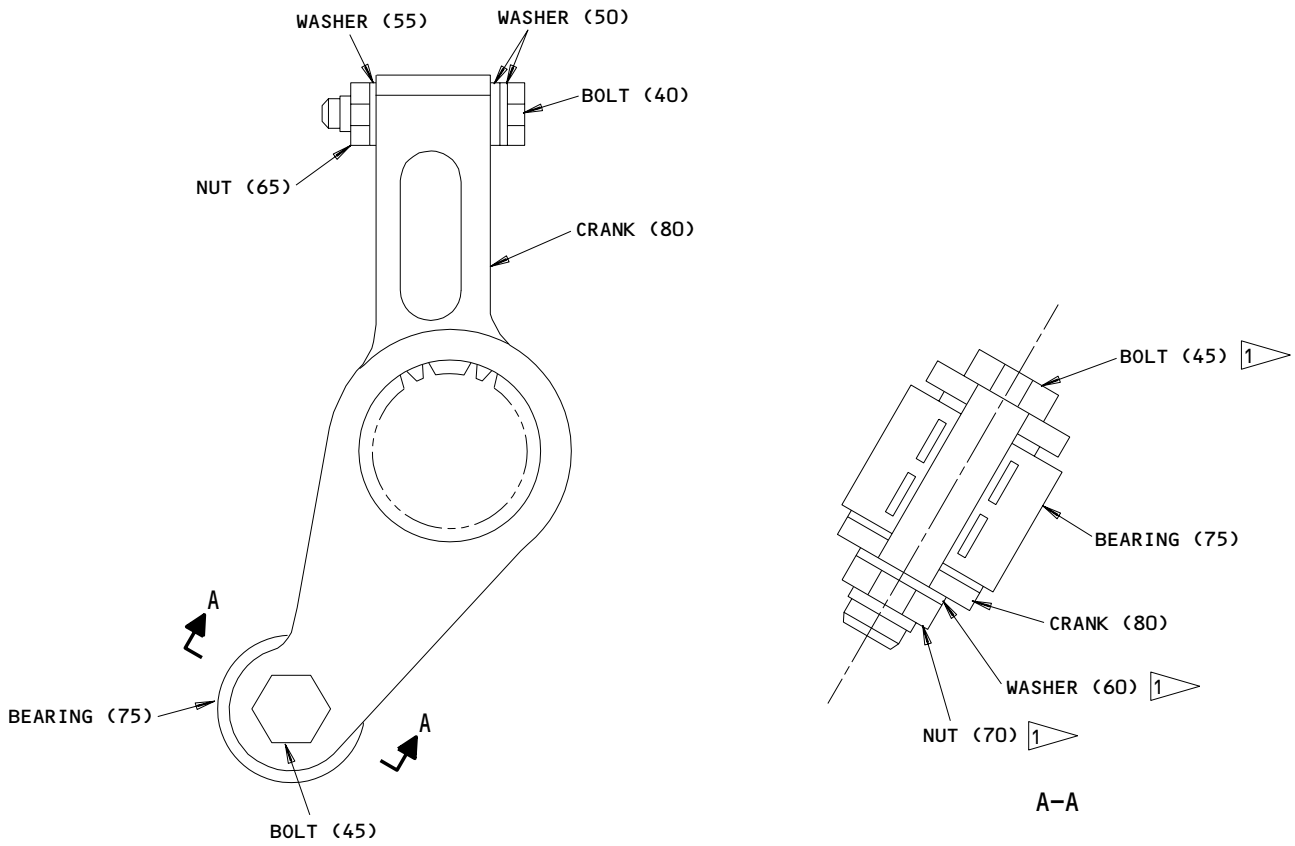
   B. If you find defects on crank (80) surfaces, refer to REPAIR 2-2 for repair instructions.

   C. Install replacement bearing (75), washer (60), bolt (45), nut (70) on crank with grease on mating surfaces. Install bolt (40), washers (50, 55), and nut (65) as shown.

2. Refinish

   A. Touch up finish as indicated.

   B. Refer to REPAIR 2-2 for refinish of crank (80).



REFINISH

TOUCH UP FINISH (F-21.12)

CRANK (80) -- REFER TO REPAIR 2-2

1 ASSEMBLE WITH GREASE ON MATING SURFACES

ITEM NUMBERS REFER TO IPL FIG. 1

257T3446-1,-3,-5
Roller Stop Crank Parts Replacement
Figure 601

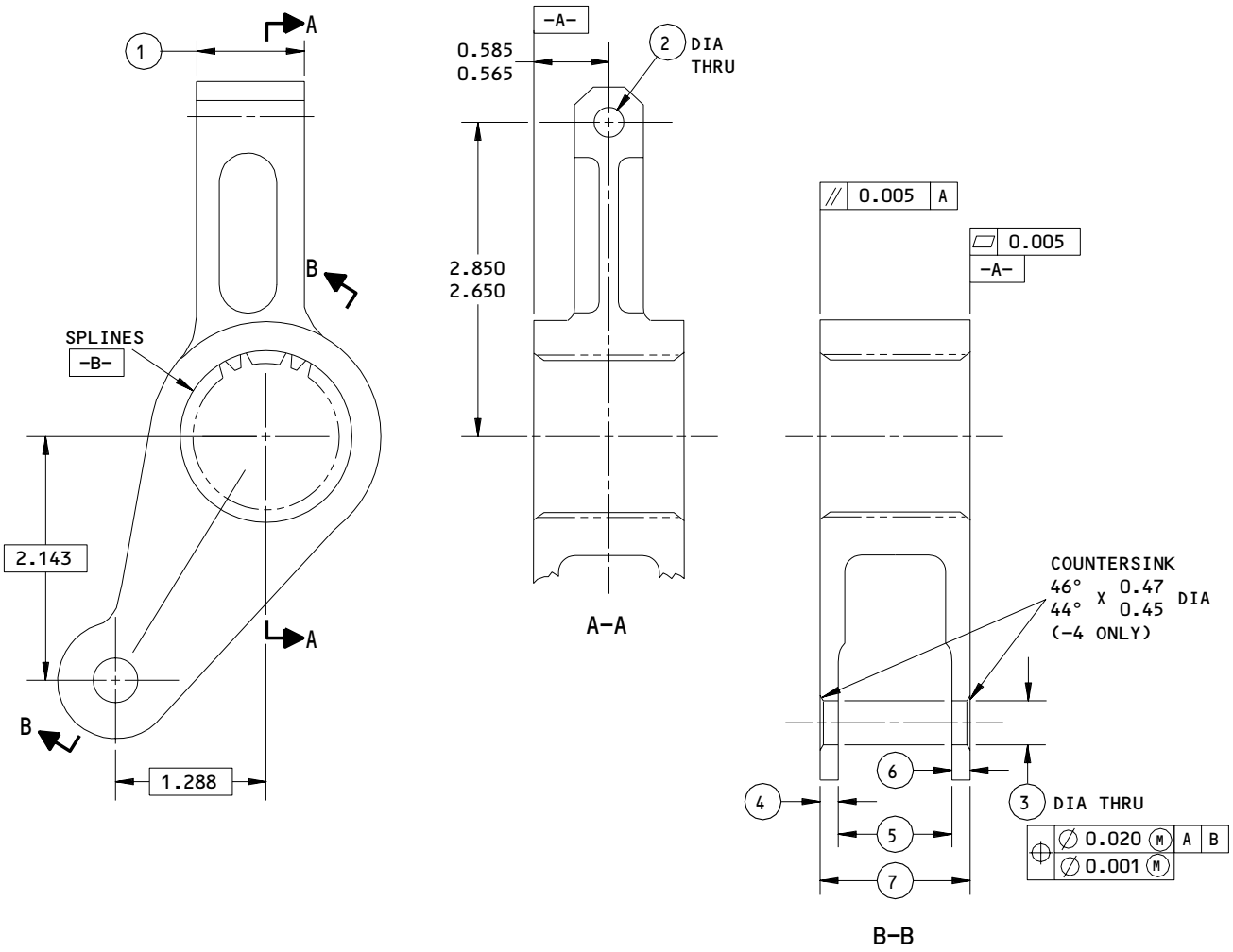
190922

CRANK - REPAIR 2-2

257T3446-2, -4, -6

1. Coating Repair

A. Repair is only replacement of the original finish. Refer to Refinish instructions, Fig. 601. Refer to REPAIR - GENERAL for a list of applicable standard practices.



	1	2	3	4	5	6	7
DESIGN DIM	0.930 0.910	0.261 0.250	0.379 0.375	0.173 0.128	1.002 0.997	0.160 0.140	1.310 1.290

REFINISH

CHROMIC ACID ANODIZE (F-17.04) ALL OVER.
APPLY BMS 10-11, TYPE 1 PRIMER (F-20.02) AND
BMS 10-60, COLOR 707, GRAY GLOSS ENAMEL
(F-14.9813, WHICH REPLACES SRF-14.9813) BUT NO
PRIMER OR ENAMEL ON SPLINES AND DIA -C-

REPAIR

(SAME AS REFINISH)

125 MACHINE FINISH

MATERIAL: AL ALLOY

ALL DIMENSIONS ARE IN INCHES

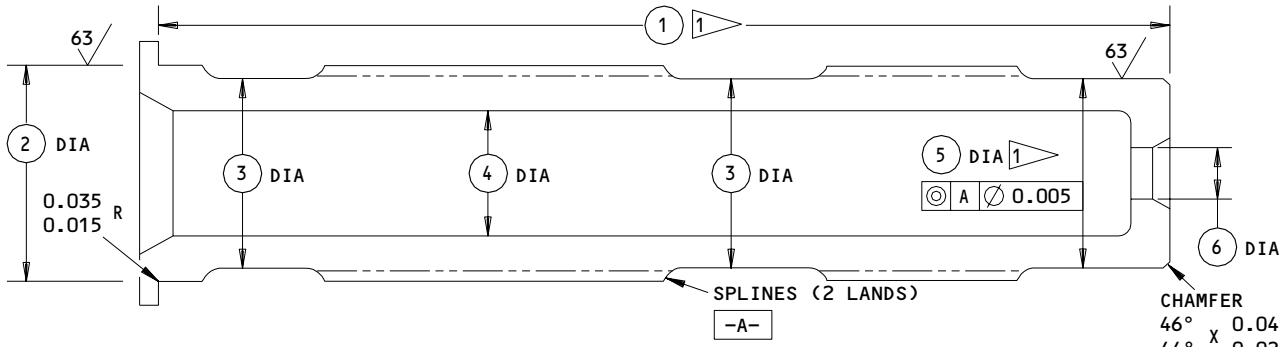
257T3446-2,-4,-6
Crank Repair and Refinish
Figure 601

TORQUE SHAFT - REPAIR 3-1

257T3448-1

1. Coating Repair

A. Repair is only replacement of the original finish. Refer to Refinish instructions, Fig. 601. Refer to REPAIR - GENERAL for a list of applicable standard practices.



	1	2	3	4	5	6
DESIGN DIM	6.740 6.720	1.550 1.548	1.280 1.260	0.910 0.890	1.312 1.311	0.379 0.375

REFINISH

CHROMIC ACID ANODIZE AND APPLY BMS 10-11, TYPE 1 PRIMER (F-18.13) FOLLOWED BY BMS 10-60 COLOR 707 GRAY GLOSS ENAMEL (F-14.9813, WHICH REPLACES SRF-14.9813), BUT NO PRIMER OR ENAMEL AS SHOWN BY 1

1 NO PRIMER OR ENAMEL ON OD

REPAIR

(SAME AS REFINISH)

125 ALL MACHINED SURFACES UNLESS SHOWN DIFFERENTLY

MATERIAL: AL ALLOY

ALL DIMENSIONS ARE IN INCHES

257T3448-1
Torque Shaft Repair And Refinish
Figure 601

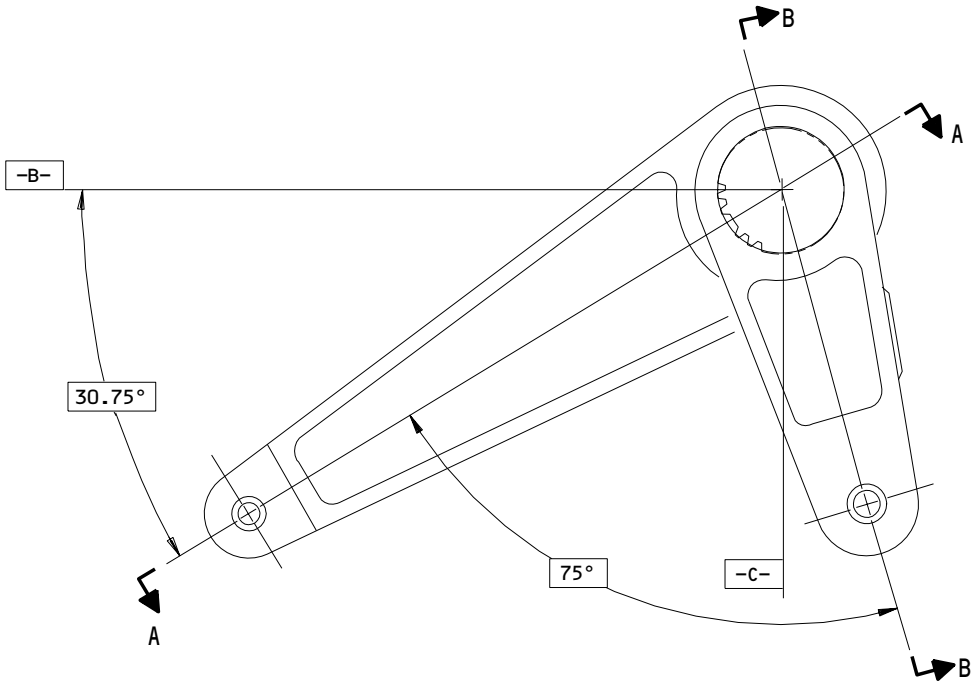
190928

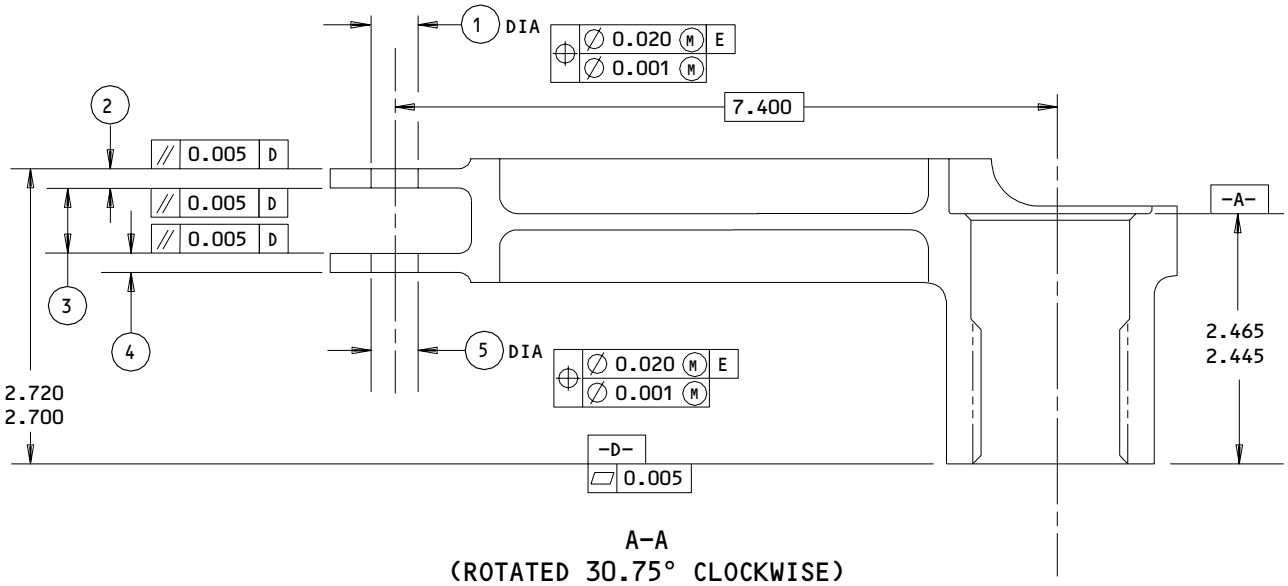
INPUT CRANK - REPAIR 4-1

257T3449-1 THRU -4

1. Coating Repair

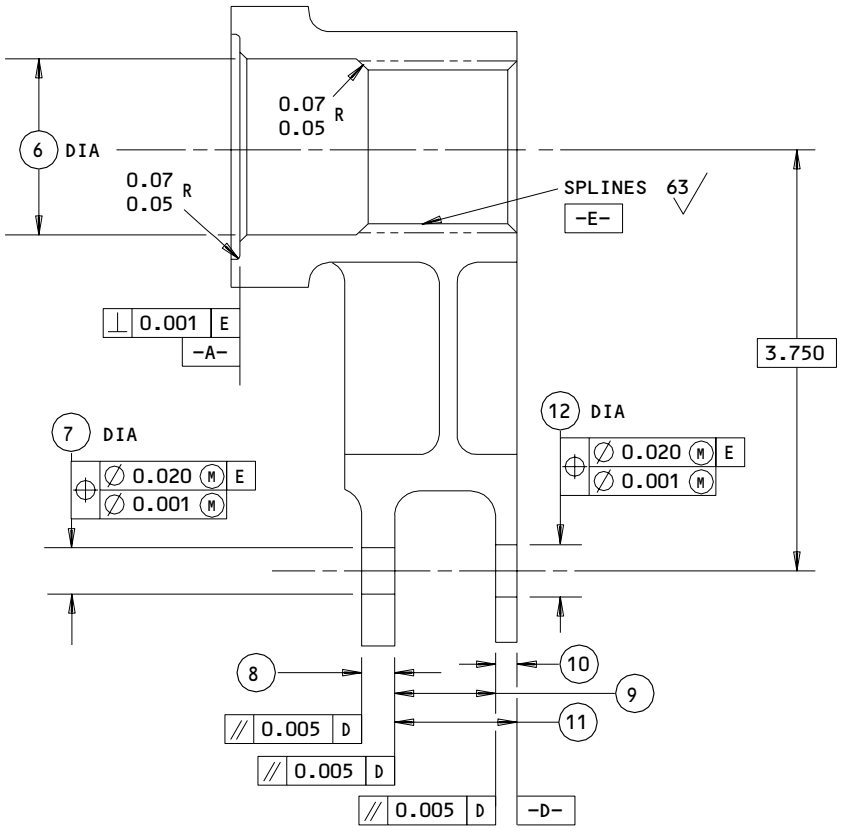
A. Repair is only replacement of the original finish. Refer to Refinish instructions, Fig. 601. Refer to REPAIR - GENERAL for a list of applicable standard practices.





A-A
(ROTATED 30.75° CLOCKWISE)

257T3449-1,-3 SHOWN, -2,-4 OPPOSITE
Input Crank Repair And Refinish
Figure 601 (Sheet 1)



B-B
(ROTATED 15° CLOCKWISE)

	1	2	3	4	5	6	7	8	9
DESIGN DIM	0.2505 0.2495	0.130 0.110	0.630 0.620	0.130 0.110	0.3755 0.3745	1.552 1.550	0.3130 0.3120	0.310 0.290	0.900 0.880

	10	11	12
DESIGN DIM	0.220 0.180	1.090 1.070	0.4380 0.4370

REFINISH

ANODIZE (F-17.05) ALL OVER. APPLY BMS 10-11, TYPE 1 PRIMER (F-20.02) FOLLOWED BY BMS 10-60, COLOR 707 GRAY GLOSS ENAMEL (F-14.9813, WHICH REPLACES SRF-14.9813), BUT NO PRIMER OR ENAMEL ON SPLINES OR IN LUG HOLES.

REPAIR

(SAME AS REFINISH)

125 ALL MACHINED SURFACES UNLESS SHOWN DIFFERENTLY

MATERIAL: AL ALLOY

ALL DIMENSIONS ARE IN INCHES

257T3449-1,-3 SHOWN, -2,-4 OPPOSITE
Input Crank Repair and Refinish
Figure 601 (Sheet 2)

MISCELLANEOUS PARTS REFINISH - REPAIR 5-1

1. Repair of these parts is only replacement of the original finish. Refer to Refinish to instructions, Fig. 601. Refer to REPAIR - GENERAL for a list of applicable standard practices.

IPL FIG. & ITEM	MATERIAL	FINISH
Fig. 1		
Spacers (30,85,115)	Al alloy	Chemical treat (F-18.14) all over. Apply BMS 10-11, type 1 primer (F-20.02) and BMS 10-60 color 707 gray gloss enamel (F-14.9813, which replaces (SRF-14.9813) on exterior only.

Refinish Details
Figure 601

ASSEMBLY

1. Materials

NOTE: Equivalent substitutes can be used.

A. Corrosion Preventive Compound -- MIL-C-16173, class 3 (SOPM 20-60-03)

B. Grease -- BMS 3-33 or BMS 3-24 (SOPM 20-60-03)

2. Assembly (IPL Fig. 1) (Fig. 701)

A. Apply a layer of corrosion preventive compound to the splines of input crank (120 or 125) and shaft (130), then install the crank on the shaft, with the double tooth on the crank engaged with the missing tooth on the shaft.

B. Install spacer (115) on shaft (130).

C. Turn support (90 or 95) with its projections toward input crank (120 or 125), and slip onto shaft (130). Turn the support into the position shown.

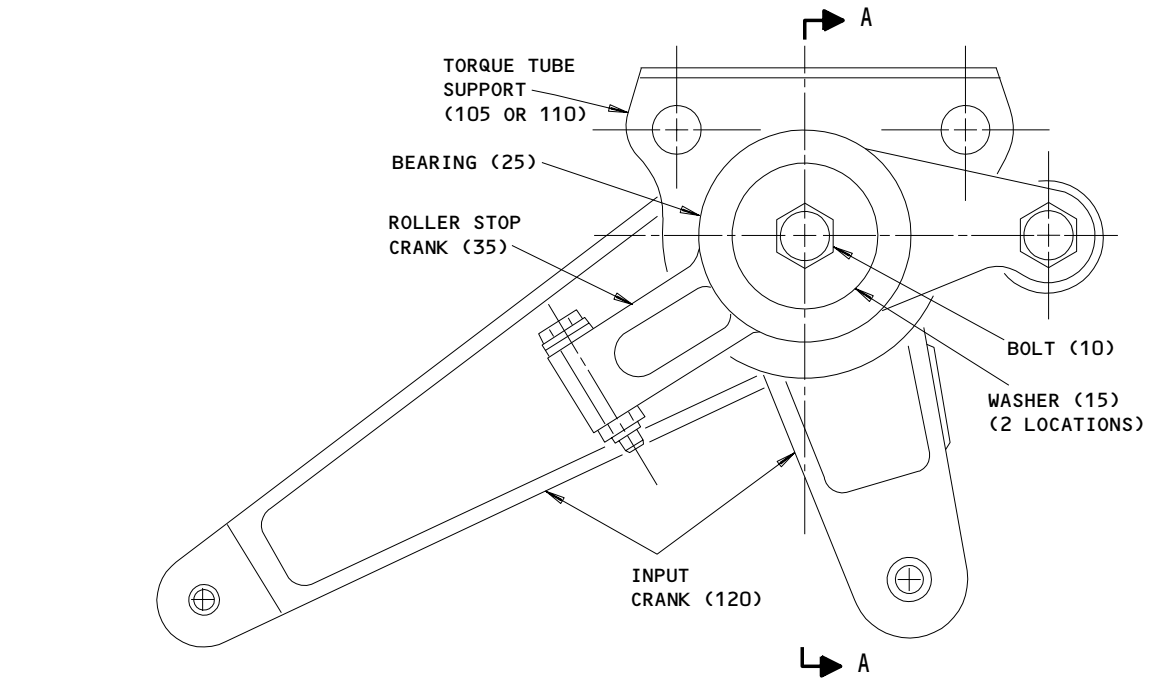
D. Install spacer (85) on shaft (130).

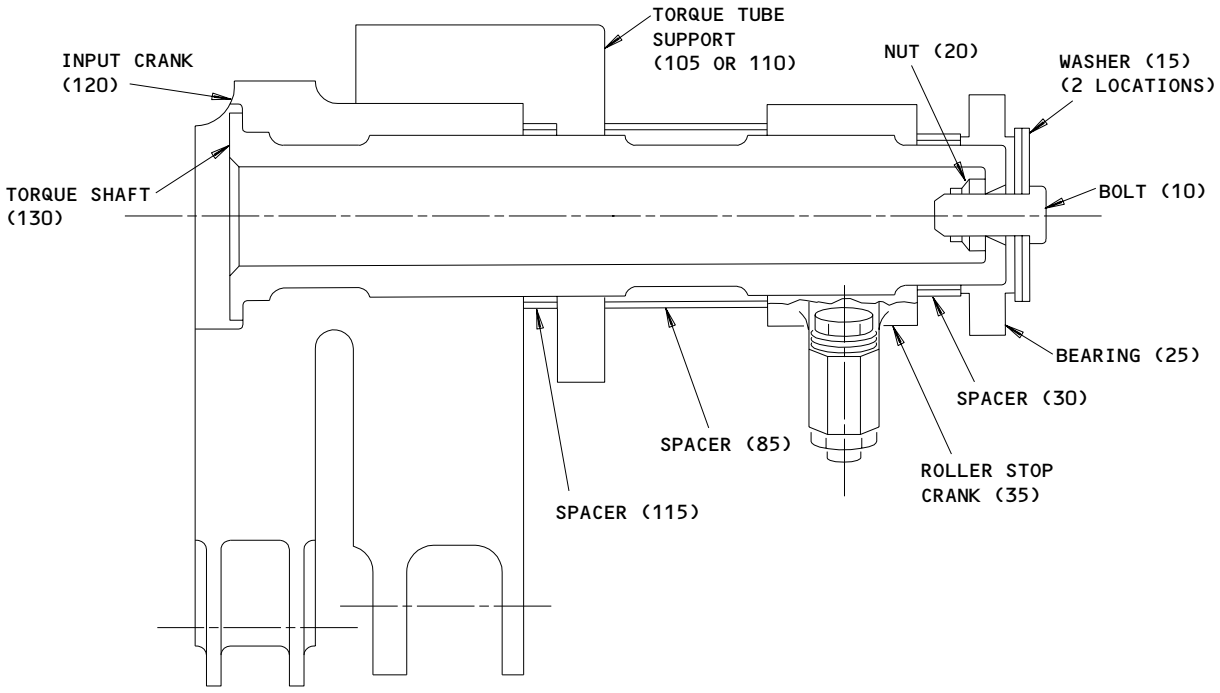
E. Apply a layer of corrosion preventive compound to the splines of roller stop crank (35) and shaft (130), then install the crank on the shaft, with the double tooth on the crank engaged with the missing tooth on the shaft.

F. Install spacer (30) on shaft (130).

G. Apply grease to the coat bore of bearing (25), then install the bearing on the end of shaft (130).

H. Install washers (15), bolt (10), nut (20). Tighten the nut to 40-50 lb-in.



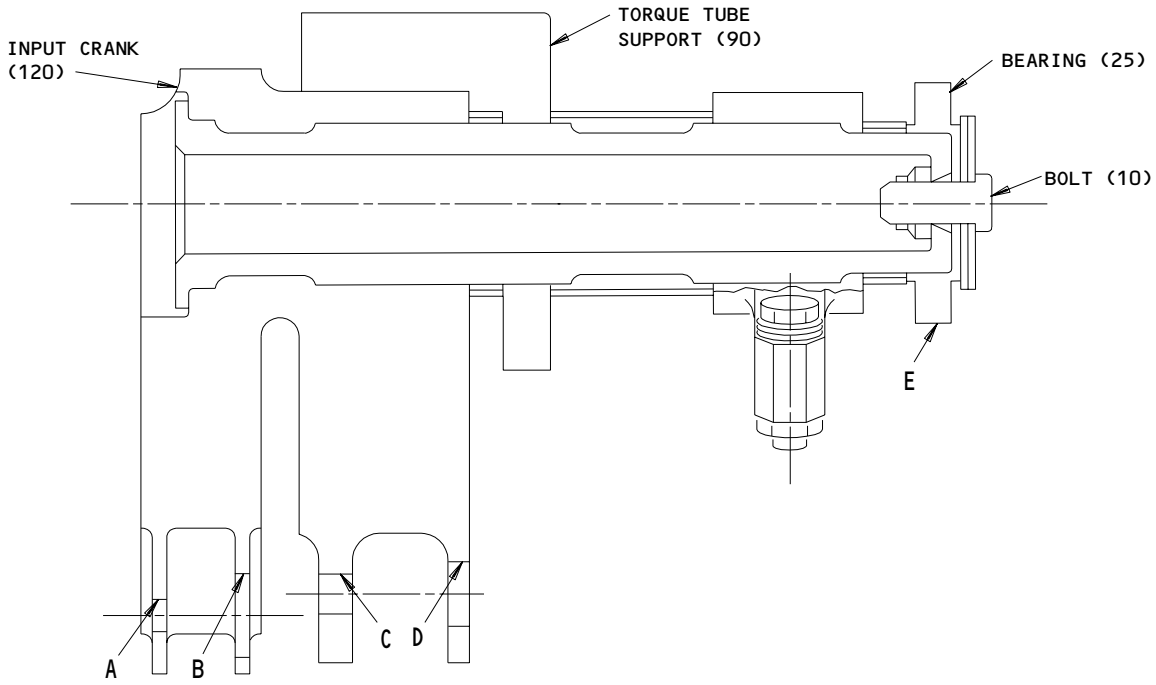


A-A

ITEM NUMBERS REFER TO IPL FIG. 1

257T3404-3,-5,-7 SHOWN; -4,-6,-8 OPPOSITE
Assembly Details
Figure 701

FITS AND CLEARANCES



Ref Letter Fig.801	Mating Item No. IPL Fig.1	Design Dimension				Service Wear Limit		
		Dimension		Assembly Clearance		Dimension		Maximum Clearance
		Min	Max	Min	Max	Min	Max	
A	ID 120,125	0.2495	0.2505	0.0000	0.0020			
	OD *[1]	0.2485	0.2495					
B	ID 120,125	0.3745	0.3755	0.0000	0.0015			
	OD *[2]	0.3740	0.3745					
C	ID 120,125	0.3120	0.3130	0.0000	0.0020			
	OD *[1]	0.3110	0.3120					
D	ID 120,125	0.4370	0.4380	0.0000	0.0015			
	OD *[2]	0.4365	0.4370					
E	ID *[3]	2.2500	2.2512	0.0000	0.0022			
	OD 25	2.2490	2.2500					

*[1] MATING INSTALLATION BOLT

*[2] MATING INSTALLATION BUSHING

*[3] TUBE SUPPORT 257T3431-1,-2 (REF 32-35-83)

Fits and Clearances
Figure 801

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

06144 INDUSTRIAL TECTONICS BEARING CORP
18301 SOUTH SANTA FE AVENUE
RANCO DOMINQUEZ, CALIFORNIA 90221
FORMERLY IN COMPTON, CALIFORNIA

07484 ACCURATE BUSHING CO INC
443 NORTH AVENUE
GARWOOD, NEW JERSEY 07027-1014
FORMERLY V83132 SMITH BRG DIV OF ACCURATE BUSHING CO

21335 TORRINGTON CO FAFNIR BEARING DIV
59 FIELD STREET
TORRINGTON, CONNECTICUT 06790-1008
FORMERLY FAFNIR BRG AND TEXTRON INC FAFNIR DIV IN
NEW BRITAIN, CONNECTICUT

38443 MRC BEARINGS
402 CHANDLER STREET
JAMESTOWN, NEW YORK 14701-3802
FORMERLY MARLIN-ROCKWELL CORP DIV TRW AND TRW INC

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

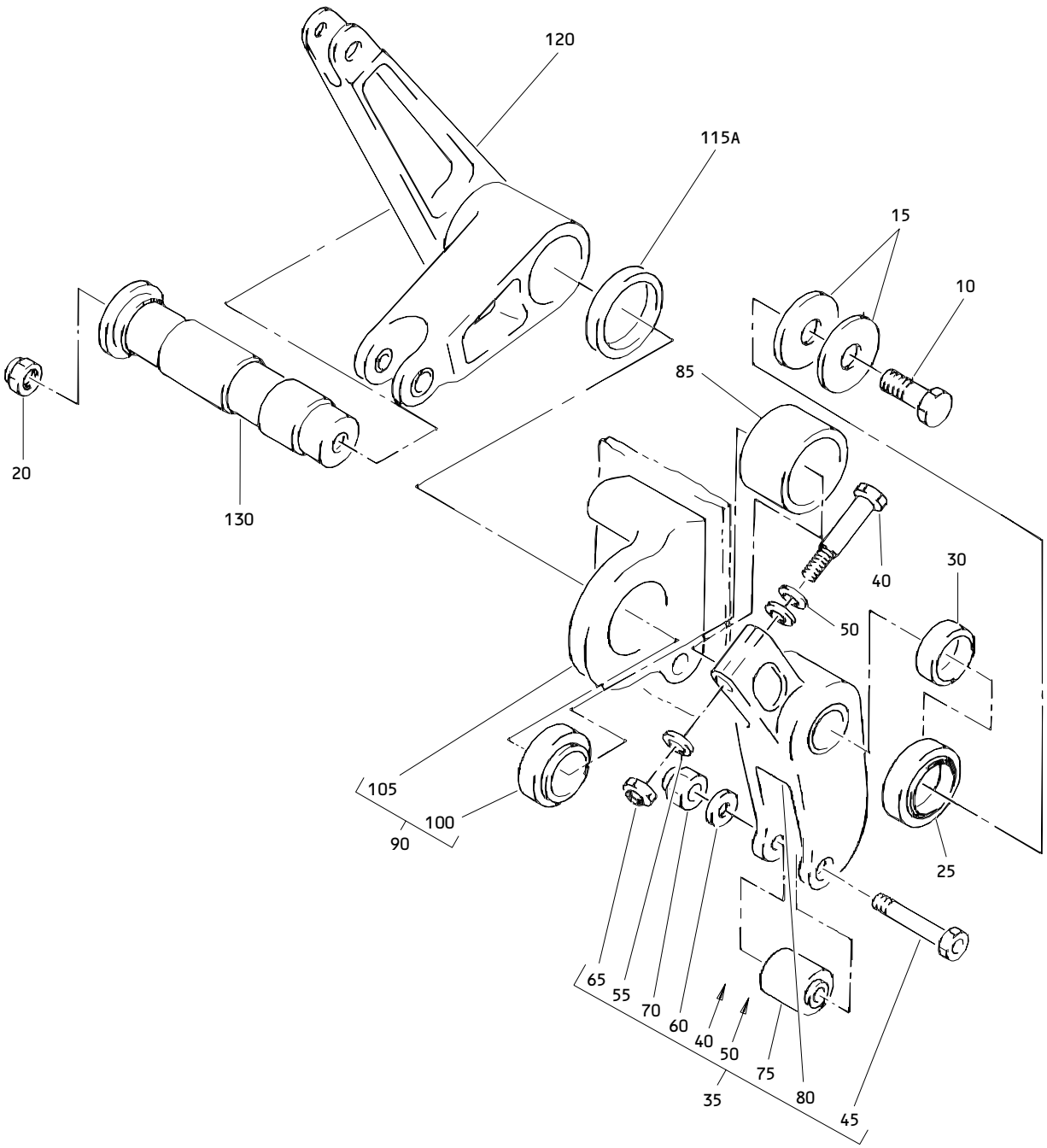
60380 TORRINGTON CO BEARINGS DIV SUBSIDIARY OF INGERSOLL-RAND CORP
59 FIELD STREET PO BOX 1008
TORRINGTON, CONNECTICUT 06790-4942
FORMERLY TORRINGTON BEARING COMPANY

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

92563 MCGILL MFG CO INC BEARINGS DIV
909 LAFAYETTE STREET
VALPARAISO, INDIANA 46383-4210

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
AN960JD616		1	60A	1
AN960PD416		1	50	2
AN960PD416L		1	55	1
AN960PD616L		1	60	1
AN970-6		1	15	2
ATL6		1	75	1
BACB10EU06		1	75	1
BACB10EX21		1	25	1
BACB10EX23		1	100	1
BACN10JC4		1	65	1
BACN10JC6		1	20	1
		1	70	1
KP21BS		1	25	1
KP23BS		1	100	1
KP23BSFS428		1	100	1
KP23BSLY196		1	100	1
KP23BSNJC		1	100	1
KP23BSSD610		1	100	1
KP23BS1		1	100	1
NAS6604-16		1	40	1
NAS6606-19		1	45A	1
NAS6606-21		1	45B	1
NAS6606-4		1	10	1
YAT06B		1	75	1
257T3404-3		1	1	RF
257T3404-4		1	5	RF
257T3404-5		1	1A	RF
257T3404-6		1	5A	RF
257T3404-7		1	1B	RF
257T3404-8		1	5B	RF
257T3431-10		1	110A	1
257T3431-3		1	90	1
257T3431-4		1	95	1
257T3431-5		1	105	1
257T3431-6		1	110	1
257T3431-7		1	90A	1
257T3431-8		1	95A	1
257T3431-9		1	105A	1
257T3446-1		1	35	1
257T3446-2		1	80	1
257T3446-3		1	35A	1
257T3446-4		1	80A	1
257T3446-5		1	35B	1
257T3446-6		1	80B	1
257T3447-1		1	115A	1

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
257T3447-2		1	85	1
257T3447-3		1	30	1
257T3448-1		1	130	1
257T3449-1		1	120	1
257T3449-2		1	125	1
257T3449-3		1	120A	1
257T3449-4		1	125A	1
6AL1618		1	75	1



Main Landing Gear Alternate Extend Uplock Release Crank Shaft Assembly
Figure 1

U4373

	FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
	01-					
	-1	257T3404-3		SHAFT ASSY-MAIN LDG GR ALTERNATE EXTEND UPLOCK RELEASE CRANK (LH)	A	RF
	-1A	257T3404-5		SHAFT ASSY-MAIN LDG GR ALTERNATE EXTEND UPLOCK RELEASE CRANK (LH)	C	RF
R	-1B	257T3404-7		SHAFT ASSY-MAIN LDG GR ALTERNATE EXTEND UPLOCK RELEASE CRANK (LH)	E	RF
	-5	257T3404-4		SHAFT ASSY-MAIN LDG GR ALTERNATE EXTEND UPLOCK RELEASE CRANK (RH)	B	RF
	-5A	257T3404-6		SHAFT ASSY-MAIN LDG GR ALTERNATE EXTEND UPLOCK RELEASE CRANK (RH)	D	RF
R	-5B	257T3404-8		SHAFT ASSY-MAIN LDG GR ALTERNATE EXTEND UPLOCK RELEASE CRANK (RH)	F	RF
	10	NAS6606-4		.BOLT		1
	15	AN970-6		.WASHER		2
	20	BACN10JC6		.NUT		1
	25	KP21BSLY196		.BEARING- (V40920) (SPEC BACB10EX21) (OPT KP21BSSD610 (V83086)) (OPT KP21BS (V06144)) (OPT KP21BSNJC (V06144)) (OPT KP21BSFS428 (V21335))		1

	FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
	01-					
	30	257T3447-3		.SPACER		1
	35	257T3446-1		.CRANK ASSY-ROLLER STOP (OPT ITEM 35A)	A-D	1
R	-35A	257T3446-3		.CRANK ASSY-ROLLER STOP (OPT ITEM 35)	A-D	1
R	-35B	257T3446-5		.CRANK ASSY-ROLLER STOP	E,F	1
	40	NAS6604-16		..BOLT		1
	45	NAS6604-19		DELETED		
R	45A	NAS6606-19		..BOLT- (USED ON ITEM 35)	A-D	1
R	-45B	NAS6606-21		..BOLT- (USED ON ITEM 35A)		1
	50	AN960PD416		..WASHER		2
	55	AN960PD416L		..WASHER		1
	60	AN960PD616L		..WASHER- (USED ON ITEM 35)	A-D	1
R	-60A	AN960JD616		..WASHER- (USED ON ITEMS 35A)		1
	65	BACN10JC4		..NUT		1
	70	BACN10JC6		..NUT		1
	75	ATL6		..BEARING- (V60380) (SPEC BACB10EU06) (OPT 6AL1618 (V92563)) (OPT YAT06B (V07484))		1
	80	257T3446-2		..CRANK- (USED ON ITEM 35)	A-D	1
R	-80A	257T3446-4		..CRANK- (USED ON ITEM 35A)	A-D	1
R	-80B	257T3446-6		..CRANK	E,F	1
	85	257T3447-2		.SPACER		1
	90	257T3431-3		.SUPPORT ASSY-TORQUE TUBE	A	1
	-90A	257T3431-7		.SUPPORT ASSY-TORQUE TUBE	C,E	1
	-95	257T3431-4		.SUPPORT ASSY-TORQUE TUBE	B	1
	-95A	257T3431-8		.SUPPORT ASSY-TORQUE TUBE	D,F	1

	FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
	01-					
	100	KP23BSLY196		..BEARING- (V40920) (SPEC BACB10EX23) (OPT KP23BSSD610 (V83086)) (OPT KP23BS (V06144)) (OPT KP23BSFS428 (V21335)) (OPT KP23BS1 (V38443)) (OPT KP23BSNJC (V06144))		1
	105	257T3431-5		..SUPPORT	A	1
	-105A	257T3431-9		..SUPPORT	C	1
	-110	257T3431-6		..SUPPORT	B	1
	-110A	257T3431-10		..SUPPORT	D,F	1
	115	257T3427-1		DELETED		
R	115A	257T3447-1		.SPACER		1
	120	257T3449-1		.CRANK	A,C	1
R	-120A	257T3449-3		.CRANK	E	1
	-125	257T3449-2		.CRANK	B,D	1
R	-125A	257T3449-4		.CRANK	F	1
	130	257T3448-1		.SHAFT-TORQUE		1

- Item Not Illustrated