COMPONENT MAINTENANCE MANUAL WITH ILLUSTRATED PARTS LIST

ELEV TAB CONTROL GEARING MECHANISM CRANK ASSEMBLY

PART NUMBER 65C30878–1, –3

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COMPONENT MAINTENANCE MANUAL

Revision No. 13
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To: All holders of ELEV TAB CONTROL GEARING MECHANISM CRANK ASSEMBLY 27-31-97.

Attached is the current revision to this COMPONENT MAINTENANCE MANUAL

The COMPONENT MAINTENANCE MANUAL is furnished either as a printed manual, on microfilm, or digital products, or any combination of the three. This revision replaces all previous microfilm cartridges or digital products. All microfilm and digital products are reissued with all obsolete data deleted and all updated pages added.

For printed manuals, changes are indicated on the List of Effective Pages (LEP). The pages which are revised will be identified on the LEP by an R (Revised), A (Added), O (Overflow, i.e. changes to the document structure and/or page layout), or D (Deleted). Each page in the LEP is identified by Chapter-Section-Subject number, page number and page date.

Pages replaced or made obsolete by this revision should be removed and destroyed.

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Location of Change	Description of Change
27-31-97	
ILLUSTRATED PARTS LIST	Added clarifications.

COMPONENT MAINTENANCE MANUAL

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

TABLE OF CONTENTS

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COMPONENT MAINTENANCE MANUAL

TEMPORARY REVISION AND SERVICE BULLETIN RECORD

BOEING SERVICE BULLETIN	BOEING TEMPORARY REVISION	OTHER DIRECTIVE	DATE OF INCORPORATION INTO MANUAL
		PRR 33731	MAR 05/85

All revisions to this manual will be accompanied by transmittal sheet bearing the revision number. Enter the revision number in numerical order, together with the revision date, the date filed and the initials of the person filing.

Revision		Filed		Revision		Filed	
Number	Date	Date	Initials	Number	Date	Date	Initials

Revision		Filed		Revision		Filed	
Number	Date	Date	Initials	Number	Date	Date	Initials

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All temporary revisions to this manual will be accompanied by a cover sheet bearing the temporary revision number. Enter the temporary revision number in numerical order, together with the temporary revision date, the date the temporary revision is inserted and the initials of the person filing.
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Temporary Revision		Inserted		Removed	
Number	Date	Date	Initials	Date	Initials

Temporary Revision		Inserted		Removed	
Date	Initials	Number	Date	Date	Initials

Temporary Revision		Inserted		Removed	
Number	Date	Date	Initials	Date	Initials

Temporary Revision		Inserted		Removed	
Date	Initials	Number	Date	Date	Initials

INTRODUCTION

1. General

A. The instructions in this manual supply the data necessary to do the maintenance functions together with the test, fault isolation, repair, and replacement of the defective parts.

B. This manual is divided into different parts:

(1) Title Page

(2) Transmittal Letter

(3) Highlights

(4) List of Effective Pages

(5) Table of Contents

(6) Temporary Revision & Service Bulletin Record

(7) Record of Revisions

(8) Record of Temporary Revisions

(9) Introduction

(10) Procedures & IPL Sections

C. Components that can be repaired have a different repair number for each specified repair. To find the repair number location of a component, look in the Repair-General procedure at the beginning of the REPAIR section. The Repair-General procedure also has an explanation of the True Position Dimension symbols used.

D. All dimensions, measures, quantities and weights included are in English units. When metric equivalents are given they will be in the parentheses that follow the English units.

E. The introduction to the Illustrated Parts List (IPL) shows how the IPL data is used.

F. Design changes, optional parts, configuration differences and Service Bulletin modifications may cause different part numbers. These part numbers are identified in the IPL with an alphabetical letter which is added to the end of the basic item number. This new item number is referred to as an alpha-variant. Throughout the manual, IPL basic item number references also apply to alpha-variants unless shown differently.

G. The tool reference numbers found in the individual procedures and in the Special Tools, Fixtures, and Equipment section are used to identify if a tool is a standard tool (STD-XXXX), a commercial tool (COM-XXXX), or a Special Tool (SPL-XXXX). This reference number is also used to distinguish between tools with similar names in the same procedure. These reference numbers are for use in the documentation only. They are not to be used for ordering tools.

ELEVATOR TAB CONTROL GEARING MECHANISM CRANK ASSEMBLY - DESCRIPTION AND OPERATION

1. **Description**

   A. The Elevator Tab Control Gearing Mechanism Crank Assembly consists of a crank assembly with bearings. The crank is attached to stabilizer and elevator structure, and to the elevator tab through a pair of control rods.

2. **Operation**

   A. The crank assembly actuates the elevator tab to provide an aerodynamic assist to reduce the force required to deflect the elevator.

3. **Leading Particulars (Approximate)**

   A. Length – 16 inches

   B. Width – 5 inches

   C. Height – 4 inches

   D. Weight – 1 pound

(NOT APPLICABLE)

DISASSEMBLY

1. **General**

   A. This procedure has the data necessary to disassemble the elevator tab control gearing mechanism crank assembly.

   B. Disassemble this component sufficiently to isolate the defects, do the necessary repairs, and put the component back to a serviceable condition.

   C. Refer to IPL Figure 1 for item numbers.

2. **Parts Replacement**

   NOTE: The following parts are recommended for replacement. Unless otherwise noted, actual replacement of parts may be based on in-service experience.

   A. Bearing (65)

   B. Nut (5)

3. **Disassembly**

   NOTE: Do not remove lockbolt (90) or items (95,100).

   A. Disassemble using standard industry practices.

(NOT APPLICABLE)

CHECK

1. General

A. This procedure has the data to find defects in the specified parts.

B. Refer to the Standard Overhaul Practices Manual (SOPM) for the SOPM subjects identified in this procedure.

C. Refer to IPL Figure 1 for item numbers.

2. Check

A. References

Reference	Title
SOPM 20-20-01	MAGNETIC PARTICLE INSPECTION
SOPM 20-20-02	PENETRANT METHODS OF INSPECTION

B. Procedure

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

(2) Magnetic particle check link (35) per SOPM 20-20-01.

(3) Penetrant check the following parts per SOPM 20-20-02.

(a) Crank (95)

(b) Sleeve (100)

(c) Crank Assy (105)

REPAIR

1. **Content**

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

Table 601:

P/N	NAME	REPAIR
65C30878	CRANK	1-1
- - - -	MISC PARTS REFINISH	2-1

CRANK ASSEMBLY - REPAIR 1-1

65C30878–1, –3

1. General

A. This procedure has the data to refinish the crank assembly.

B. Refer to the Standard Overhaul Practices Manual (SOPM) for the SOPM subjects identified in this procedure.

C. Refer to IPL Figure 1 for item numbers.

2. Bearing Replacement

A. Consumable Materials

NOTE: Equivalent substitutes may be used.

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

B. References

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

C. Procedure

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

(1) Remove bearing (65) and sleeve (70).

(2) Install replacement bearing and sleeve with sealant, A00247 and stake in place per SOPM 20-50-03.

MISCELLANEOUS PARTS REFINISH - REPAIR 2-1

1. General

A. This procedure has the data necessary to refinish the parts, which are not given in the specified repairs.

B. Refer to the Standard Overhaul Practices Manual (SOPM) for the SOPM subjects identified in the procedure.

C. Refer to IPL Figure 1 for the item numbers.

2. Refinish

A. Consumable Materials

NOTE: Equivalent substitutes may be used.

Reference	Description	Specification
C00259	Primer - Chemical And Solvent Resistant Finish, Epoxy Resin	BMS10-11, Type I

B. References

Reference	Title
SOPM 20-30-02	STRIPPING OF PROTECTIVE FINISHES
SOPM 20-30-03	GENERAL CLEANING PROCEDURES
SOPM 20-41-01	DECODING TABLE FOR BOEING FINISH CODES
SOPM 20-60-02	FINISHING MATERIALS

C. Procedure

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

(1) Repair of parts listed in REPAIR 2-1, Table 601 consists of restoration of the original finish.

Table 601: Refinish Details

IPL FIG. & ITEM	MATERIAL	FINISH
Fig. 1		
Retainer (25,50)	Al alloy	Chemical treat and apply primer, C00259 (F-18.06)
Link (35)	15-5 PH CRES 150-170 ksi	Passivate (F-17.09)
Crank (75)	Al alloy	Chemical treat and apply primer, C00259 (F-18.06) except no primer in holes that receive a bushing (3 in line) or in 0.2497-0.2500 dia holes (4 in line)
Crank (95)	Al alloy	Chromic acid anodize and apply primer, C00259 (F-18.13)
Sleeve (100)	Al alloy	Chromic acid anodize (F-17.04)

ASSEMBLY

1. General

A. This procedure has the data necessary to assemble the elevator tab control gearing mechanism crank assembly.

B. Refer to the Standard Overhaul Practices Manual (SOPM) for the SOPM subjects identified in this procedure.

C. Refer to IPL Figure 1 for item numbers.

2. Assembly

A. Consumable Materials

NOTE: Equivalent substitutes may be used.

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

B. References

Reference	Title
SOPM 20-30-03	GENERAL CLEANING PROCEDURES
SOPM 20-41-01	DECODING TABLE FOR BOEING FINISH CODES
SOPM 20-60-02	FINISHING MATERIALS
SOPM 20-60-04	MISCELLANEOUS MATERIALS

C. Use standard industry practices and the steps shown below for assembly of this component.

NOTE: For general cleaning procedures, refer to SOPM 20-30-03. For the decoding table for Boeing finish codes, refer to SOPM 20-41-01. For finishing materials, refer to SOPM 20-60-02. For miscellaneous materials, refer to SOPM 20-60-04.

(1) Install crank (95) and sleeve (100) with wet primer, C00259 (F-20.20) on faying surfaces.

(2) Install retainer (25) with sealant, A00247.

(3) Install bushing (30) with sealant, A00247 at the faying surface of the crank assembly (75).

NOTE: Make sure the exposed surface of bushing is free of sealant, A00247.

3. Storage

A. Use standard industry practices for storage of this component.

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COMPONENT MAINTENANCE MANUAL

FITS AND CLEARANCES

(NOT APPLICABLE)

COMPONENT MAINTENANCE MANUAL

SPECIAL TOOLS, FIXTURES, AND EQUIPMENT

(NOT APPLICABLE)

ILLUSTRATED PARTS LIST

1. Introduction

A. The Illustrated Parts List (IPL) contains an illustration and a list of component parts you can repair or replace. The Illustrated Parts Catalog (IPC) shows how to use the Boeing part number system.

B. This shows how parts are related: The relation of each item to its next higher assembly (NHA) is shown in the NOMENCLATURE column. Use the indenture system that follows:

1 2 3 4 5 6 7

. Assembly

. Attaching parts for assembly

. . Detail parts for assembly

. . Subassembly

. . Attaching parts for subassembly

. . . Detail parts for subassembly

. . . Sub-subassembly

. . . Attaching parts for subassembly

. . . . . Details parts for sub-subassembly

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

C. Each top assembly is given one use code letter (A, B, C, etc.) in the USAGE CODE column. All subsequent component parts in the list can have one or more of the use code letters to show effectivity to top assemblies. A component part without a use code applies to all top assemblies.

D. An alphabetical letter is added after the item number for optional parts, parts changed by a Service Bulletin, configuration differences (except left-handed and right-handed parts), last engineering releases, and parts added between item numbers in a sequence. The alphabetical letter will not be shown on the illustration for equivalent parts of the same part number.

E. Color-coded parts are identified with a single digit alpha following the dash number or with ''SP'' suffix. If the ''SP'' suffix is used, it represents consolidation of all color codes applicable for a given usage which are not separately listed. Orders for color-coded parts should include the registry number of the airplane for which the parts are ordered.

F. If a part number is 15 characters long but will not fit in the part number column, the part number will be displayed with a ''~'' at the end of the line and will be continued on the next line. The ''~'' denotes that the part number continues on the next line.

G. Parts changed by a Service Bulletin are shown by PRE SB XXXX and POST SB XXXX added to the NOMENCLATURE column.

(1) When a new top assembly is added by a Service Bulletin, PRE SB XXXX and POST SB XXXX will be added at the top assembly level only. The configuration differences at the detail part level are shown by use code letters.

(2) When the top assembly part number is not changed by the Service Bulletin, PRE SB XXXX and POST SB XXXX will be added at the detail level.

H. Interchangeable Parts

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

VENDOR CODES

Code	Name
06710	LAMSON AND SESSIONS CO THE VALLEY-TODECO 12975 BRADLEY AVENUE SYLMAR, CALIFORNIA 91342-3830 FORMERLY VALLEY BOLT CORP VB0097 IN NORTH HOLLYWOOD, CA
06725	AIR INDUSTRIES CORPORATION 12570 KNOTT STREET GARDEN GROVE, CALIFORNIA 92641-3932 FORMERLY AIR INDUSTRIES OF CALIF IN GARDENA, CALIF.
06950	SCREWCORP VSI AEROSPACE PRODUCTS DIV FAIRCHILD IND DIV 13001 EAST TEMPLE AVENUE PO BOX 730 CITY OF INDUSTRY, CALIFORNIA 91746-1417 FORMERLY VB0096 AND VSI CORP SCREWCORP DIV FORMERLY IN CULVER CITY, CALIFORNIA SCREW CORP SEE V.S.I. CORP SCREWCORP DIVISION
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
14728	PRECISION FORM RIVET INC 148 WEST AIRPORT ROAD LITITZ, PENNSYLVANIA 17543 FORMERLY ALUMINUM CO OF AMERICA LANCASTER WORKS,LANCASTER,PA

Code	Name
15653	ALCOA GLOBAL FASTENERS INC DIV KAYNAR PRODUCTS 800 S STATE COLLEGE BLVD FULLERTON, CALIFORNIA 92831-3001 FORMERLY VK6405 MICRODOT AEROSP LTD; FORMERLY KAYNAR TECH FORMERLY FAIRCHILD FASTENERS KAYNAR DIV
17446	HUCK INTL INC AEROSPACE FASTENER DIV 900 WATSON CENTER ROAD CARSON, CALIFORNIA 90745-4201 FORMERLY V32134 REXNORD INC; FORMERLY V97928 HUCK INTL
21335	TIMKEN US CORPORATION DIV FAFNIR 336 MECHANIC STREET LEBANON, NH 03766-0267 FORMERLY FAFNIR BRG AND TEXTRON INC FAFNIR DIV IN NEW BRITAIN, CONNECTICUT ; FORMERLY TORRINGTON CO THE SPECIAL PRODUCTS DIV SUB OF THE INGERSOLL-RAND CO V8D210 FORMERLY TORRINGTON CO FAFNIR BEARING DIV IN TORRINGTON, CT
23294	AVALON MACHINE PRODUCTS INC 15337 ALLEN STREET PARAMOUNT, CALIFORNIA 90723-4011
27624	PB FASTENERS DIV OF BRILES PAUL R 1700 WEST 132ND STREET GARDENA, CALIFORNIA 90249 FORMERLY PAUL R BRILES INC P.B. FASTENER DIV
42838	NATIONAL RIVET AND MANUFACTURING COMPANY 1-21 EAST JEFFERSON STREET WAUPUN, WISCONSIN 53963-2028
52828	REPUBLIC FASTENER MFG CORP 1300 RANCHO CONEJO BLVD NEWBURY PARK, CALIFORNIA 91320-1405 FORMERLY IN SYLMAR, CALIFORNIA

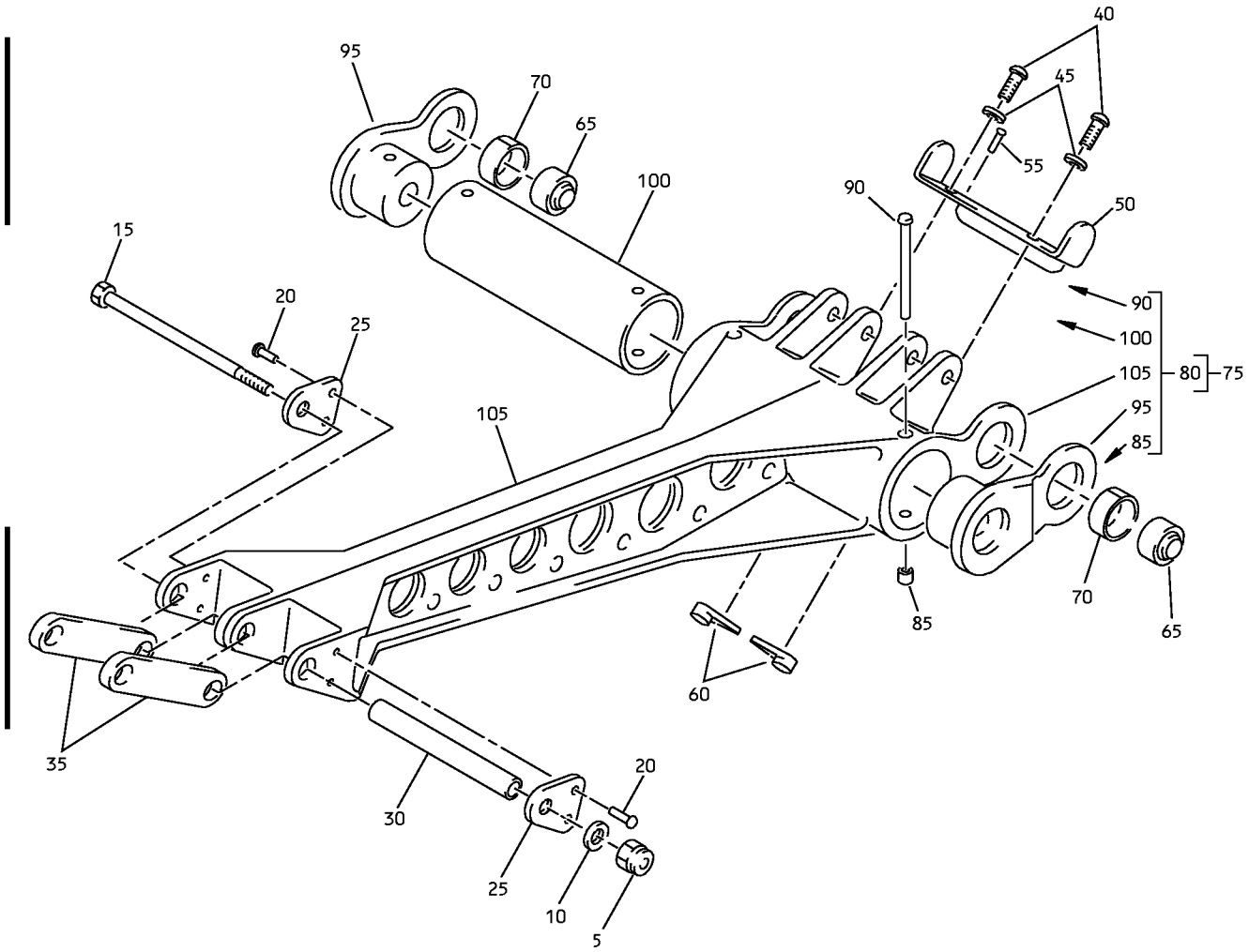
Code	Name
53551	ALLFAST FASTENING SYSTEMS INC 15200 EAST DON JULIAN ROAD PO BOX 3166 CITY OF INDUSTRY, CALIFORNIA 91745-1001 FORMERLY V0736B FORMERLY ALLFAST INC V5K545
55580	BRILES RIVET CORP 2640 VISTA PACIFIC DRIVE OCEANSIDE, CALIFORNIA 92056-3514 FORMERLY IN SANTA ANA, CALIFORNIA
56878	SPS TECHNOLOGIES INC AEROSPACE AND INDUSTRIAL PRODUCTS DIV 301 HIGHLAND AVE JENKINTOWN, PENNSYLVANIA 19046 FORMERLY STANDARD PRESSED STEEL FORMERLY IN SALT LAKE, UTAH
65910	MAYDAY MANUFACTURING COMPANY HIGHWAY 407 AT MORRIS ROAD PO BOX 603 LEWISVILLE, TEXAS 75067 FORMERLY V0545B IN DALLAS, TEXAS AND V8F880
70265	ALL POWER MANUFACTURING COMPANY 13141 MOLETTE STREET SANTA FE SPRINGS, CALIFORNIA 90670-5500 FORMERLY IN MONTEBELLO, CALIFORNIA
72962	HARVARD INDUSTRIES INC 3 WERNER WAY SUITE 210 LEBANON, NEW JERSEY 08833 FORMERLY ESNA V7A079 FORMERLY ELASTIC STOP NUT IN UNION, NJ
73197	HI-SHEAR TECHNOLOGY CORP 2600 SKYPARK DRIVE TORRANCE, CALIFORNIA 90509
80539	SPS TECHNOLOGIES INC DIV AERPSOACE - SANTA ANA 2701 SOUTH HARBOR BOULEVARD SANTA ANA, CALIFORNIA 92704-5803 FORMERLY NUTT-SHEL DIV OF SPC WESTERN CO V80539 AND STANDARD PRESSED STEEL WESTERN DIV V17279

Code	Name
92215	FAIRCHILD IND INC FAIRCHILD AEROSPACE FASTENER DIV 3010 W LOMITA BLVD TORRANCE, CALIFORNIA 90505-5102 FORMERLY VOI-SHAN IN CULVER CITY, CALIF
93907	TEXTRON INC CAMCAR DIV 600 18TH AVENUE ROCKFORD, ILLINOIS 61101
94892	MASTER MACHINE PRODUCTS CORPORATION 1551 SOUTH PRIMROSE AVE MONROVIA, CALIFORNIA 91016-4542 FORMERLY IN HUNTINGTON PARK, CALIFORNIA
97928	Replaced: [V97928] SEE V17446 HUCK INTL by Code: Name and Address below 17446: HUCK INTL INC AEROSPACE FASTENER DIV 900 WATSON CENTER ROAD CARSON, CALIFORNIA 90745-4201 FORMERLY V32134 REXNORD INC; FORMERLY V97928 HUCK INTL

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
65C30878-1		1	1	RF
65C30878-2		1	75	1
65C30878-3		1	1A	RF
65C30881-1		1	95	2
65C30881-3		1	95A	2
65C30902-1		1	80	1
65C30902-2		1	105	1
69-38919-31		1	70	2
69-75947-1		1	35	2
69-75948-1		1	50	1
69-75948-2		1	25	2
69-75994-1		1	100	1
AN960KD10		1	45	2
AN960KD416		1	10	1
BACB28Y4C315		1	30	1
		1	30	1
		1	30	1
		1	30	1
		1	30	1
BACB28Y4F315		1	30A	1
		1	30A	1
		1	30A	1
		1	30A	1
		1	30A	1
BACB30GP6-28		1	90	2
		1	90	2
		1	90	2
BACB30NR4K53		1	15	1
		1	15	1
		1	15	1
		1	15	1
		1	15	1
		1	15	1
		1	15	1

PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
		1	15	1
		1	15	1
		1	15	1
		1	15	1
		1	15	1
BACN10JP3B		1	60	2
BACR15BA3D		1	55	4
		1	55	4
		1	55	4
		1	55	4
BACR15BB3D		1	20	4
		1	20	4
		1	20	4
		1	20	4
		1	20	4
BRM100A3		1	60	2
MK2000-3BAC		1	60	2
MKSP5AFS428		1	65C	2
MKSP5AFS464		1	65	2
MS21042L4		1	5	1
MS27645-5AR		1	65B	2
MS27645-5ARG		1	65A	2
NAS1080D		1	85	2
NAS1149D0363J		1	45A	2
NAS1149D0463J		1	10A	1
NAS623-3-4		1	40	2
NS103198-02		1	60	2
RMA9207-3		1	60	2
T8077S1032		1	60	2
VN201A1-02		1	60	2



168011 S0004992393_V3

Elevator Tab Control Gearing Mechanism Crank Assembly
IPL Figure 1

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY
1–					
–1	65C30878-1		CRANK ASSY-ELEV TAB CONT GEARING MECHANISM	A	RF
–1A	65C30878-3		CRANK ASSY-ELEV TAB CONT GEARING MECHANISM	B	RF
5	MS21042L4		. NUT		1
10	AN960KD416		. WASHER	A	1
–10A	NAS1149D0463J		. WASHER	B	1
15	BACB30NR4K53		. BOLT (SPEC BACB30NR4K53) (OPT BACB30NR4K53 (V06710)) (OPT BACB30NR4K53 (V06725)) (OPT BACB30NR4K53 (V06950)) (OPT BACB30NR4K53 (V27624)) (OPT BACB30NR4K53 (V56878)) (OPT BACB30NR4K53 (V73197)) (OPT BACB30NR4K53 (V80539)) (OPT BACB30NR4K53 (V92215)) (OPT BACB30NR4K53 (V93907)) (OPT BACB30NR4K53 (V97928))		1
20	BACR15BB3D		. RIVET (V14728) (SPEC BACR15BB3D) (OPT BACR15BB3D (V42838)) (OPT BACR15BB3D (V53551)) (OPT BACR15BB3D (V55580))		4
25	69-75948-2		. RETAINER		2
30	BACB28Y4C315		. BUSHING (V23294) (SPEC BACB28Y4C315) (OPT BACB28Y4C315 (V65910)) (OPT BACB28Y4C315 (V70265)) (OPT BACB28Y4C315 (V94892))	A	1
–30A	BACB28Y4F315		. BUSHING (V23294) (SPEC BACB28Y4F315) (OPT BACB28Y4F315 (V65910)) (OPT BACB28Y4F315 (V70265)) (OPT BACB28Y4F315 (V94892))	B	1
35	69-75947-1		. LINK		2
40	NAS623-3-4		. SCREW		2

–Item not Illustrated

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY
1–					
45	AN960KD10		. WASHER	A	2
–45A	NAS1149D0363J		. WASHER	B	2
50	69-75948-1		. RETAINER		1
55	BACR15BA3D		. RIVET (V42838) (SPEC BACR15BA3D) (OPT BACR15BA3D (V53551)) (OPT BACR15BA3D (V55580))		4
60	BRM100A3		. NUTPLATE (V52828) (SPEC BACN10JP3B) (OPT MK2000-3BAC (V15653)) (OPT NS103198-02 (V80539)) (OPT RMA9207-3 (V72962)) (OPT T8077S1032 (V11815)) (OPT VN201A1-02 (V92215))		2
65	MKSP5AFS464		. BEARING (V21335) (OPT ITEM 65A, 65B, 65C)		2
–65A	MS27645-5ARG		. BEARING (OPT ITEM 65, 65B, 65C)		2
–65B	MS27645-5AR		. BEARING (OPT ITEM 65, 65A, 65C)		2
–65C	MKSP5AFS428		. BEARING (V21335) (OPT ITEM 65, 65A, 65B)		2
70	69-38919-31		. SLEEVE		2
75	65C30878-2		. CRANK ASSY		1
80	65C30902-1		. . CRANK ASSY (ITEMS APPEARS AS SHOWN ONLY AFTER FINAL MACHINING. FINAL MACHINING DONE AT 65C30878-2 LEVEL)		1
85	NAS1080D		. . . COLLAR		2
90	BACB30GP6-28		. . . LOCKBOLT (V11815) (SPEC BACB30GP6-28) (OPT BACB30GP6-28 (V17446))		2

–Item not Illustrated

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY
1–					
95	65C30881-1		. . . CRANK (OPT ITEM 95A) (ITEMS APPEARS AS SHOWN ONLY AFTER FINAL MACHINING. FINAL MACHINING DONE AT 65C30878-2 LEVEL)		2
–95A	65C30881-3		. . . CRANK (OPT ITEM 95) (ITEMS APPEARS AS SHOWN ONLY AFTER FINAL MACHINING. FINAL MACHINING DONE AT 65C30878-2 LEVEL)		2
100	69-75994-1		. . . SLEEVE (ITEMS APPEARS AS SHOWN ONLY AFTER FINAL MACHINING. FINAL MACHINING DONE AT 65C30878-2 LEVEL)		1
105	65C30902-2		. . . CRANK ASSY (ITEMS APPEARS AS SHOWN ONLY AFTER FINAL MACHINING. FINAL MACHINING DONE AT 65C30878-2 LEVEL)		1

–Item not Illustrated