COMPONENT MAINTENANCE MANUAL WITH ILLUSTRATED PARTS LIST

SYSTEM A HYDRAULIC RESERVOIR ASSEMBLY

PART NUMBER 65-44600–19, –20, –22, –23, –24, 65-44601–13, –21, –22, –23

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COMPONENT MAINTENANCE MANUAL

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To: All holders of SYSTEM A HYDRAULIC RESERVOIR ASSEMBLY 29-11-16.

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
29-11-16 SPECIAL TOOLS FIXTURES AND EQUIPMENT	Changed the data in the Tool Supplier Information table.

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

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TEMPORARY REVISION AND SERVICE BULLETIN RECORD

BOEING SERVICE BULLETIN	BOEING TEMPORARY REVISION	OTHER DIRECTIVE	DATE OF INCORPORATION INTO MANUAL
		PRR 34759	MAR 05/91
	29-1		MAR 05/91
		PRR 35005-57	MAR 01/95

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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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.

SYSTEM A HYDRAULIC RESERVOIR ASSEMBLY - DESCRIPTION AND OPERATION

1. Description & Operation

A. The System A Hydraulic Reservoir Assembly is a pressure vessel composed of welded container, quantity transmitter, unions, drain valve, couplings and associated parts. The welded container consists of a dome, body, support ring, tubes, bosses, and baffles.

B. Hydraulic fluid stored in the reservoir is pressurized by controlled engine bleed air to ensure a pressurized supply to the hydraulic pumps. Return fluid enters the reservoir through a baffle assembly to reduce foaming. Engine driven pump supply fluid leaves the reservoir through a standpipe with an anti-swirl vane welded in the inlet. AC motor pump supply fluid leaves through a baffled exit at the bottom of the tank.

2. Leading Particulars (approximate)

A. Length – 15 inches

B. Width – 15 inches

C. Height – 21 inches

D. Weight – 12 pounds (dry)

TESTING AND FAULT ISOLATION

1. General

A. This section contains the data necessary to test the system A resevoir system.

2. Test

A. Consumable Materials

NOTE: Equivalent substitutes may be used.

Reference	Description	Specification
D00153	Fluid - Hydraulic, Erosion Arresting, Fire Resistant	BMS3-11 Type IV (interchange˜able & intermixable with Type V)

B. Procedure

(1) Hydraulic reservoir assembly pressure test.

(a) Using the solution of water and sodium dichromate, or use BMS 3-11 hydraulic fluid, D00153 as a test fluid, apply a proof pressure of 100 psig for 5 minutes. There shall be no external leakage nor permanent set.

(b) After testing flush with fluid, D00153 per Cleaning and Flushing instructions.

(NOT APPLICABLE)

CLEANING

1. General

A. This section contains the data necessary to clean the system A resevoir system.

B. Use standard industry practices and the following procedures.

2. Flushing Procedure

A. Tools/Equipment

NOTE: Equivalent substitutes may be used.

Reference	Description
SPL-5395	Sealing Cap, Pressure Transmitter Mount Tool (Part #: C29001-1, Supplier: 81205)
SPL-5454	Bonding Meter (Part #: T-207, Supplier: 81982)

B. Consumable Materials

NOTE: Equivalent substitutes may be used.

Reference	Description	Specification
D00153	Fluid - Hydraulic, Erosion Arresting, Fire Resistant	BMS3-11 Type IV (interchange˜able & intermixable with Type V)
G01912	Lockwire - Monel (0.032 In. Dia.)	NASM20995N˜C32 (QQ-N-281)

C. References

Reference	Title
SOPM 20-11-03	REPAIR OF ELECTRICAL TERMINATIONS AND ELECTRICAL BONDING AREAS
SOPM 20-50-02	INSTALLATION OF SAFETYING DEVICES
SOPM 20-60-03	LUBRICANTS
SOPM 20-60-04	MISCELLANEOUS MATERIALS

D. Procedure

NOTE: For lubricants, refer to SOPM 20-60-03. For miscellaneous materials, refer to SOPM 20-60-04.

(1) Use BMS 3-11 hydraulic fluid, D00153 continuously filtered through a 15 micron absolute filter.

(2) Connect supply line from test stand (test stand must be capable of providing 20 gpm at 55 psig through a 15 micron filter) to system return port (30, IPL Figure 1).

(3) Connect return line on test stand to supply connections (60, 80) on lower manifold casting.

(4) Cap reservoir vent valve (110) with suitable pressure blank. Make sure drain valve (50) is closed.

(5) Remove transmitter (25) and cover opening with Sealing Cap, Pressure Transmitter Mount Tool, SPL-5395.

(6) Flush reservoir for 10 minutes at 20 gpm flow rate. Do not exceed 55 psig in reservoir during flushing.

(7) Drain reservoir through drain valve (50).

(8) Remove Sealing Cap, Pressure Transmitter Mount Tool, SPL-5395 at transmitter port and reinstall transmitter (25).

  (a) Clean faying surfaces of transmitter (25) and transmitter boss for electrical bonding per SOPM 20-11-03.

  (b) Install packing (20) and transmitter (25) with bolts (15) and washers (10).

  (c) Check resistance across bond with Avtron Bonding Meter, SPL-5454. Maximum resistance shall be no greater than 0.001 ohm.

(9) Disconnect test stand lines from reservoir drain, and install Skydrol resistant plugs or caps in all openings.

  NOTE: All plugs, caps and blanks shall be flushed prior to installation.

(10) Close drain valve (50) and lockwire with lockwire, G01912 per SOPM 20-50-02 using double twist method.

(NOT APPLICABLE)

REPAIR

1. **Content**

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

Table 601:

P/N	NAME	REPAIR
65-44601	RESERVOIR	1-1

RESERVOIR ASSEMBLY - REPAIR 1-1

65-44601–13, –21, –22, –23

1. General

A. This section contains the data necessary to repair the resevoir assembly.

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

2. Marker or Nameplate Replacement (100, 105)

A. Consumable Materials

NOTE: Equivalent substitutes may be used.

Reference	Description	Specification
A01070	Adhesive - Polyamide	BAC5010, Type 38
B00571	Coating - Clear Hydraulic Fluid Resistant Topcoat	BAC5710, Type 41

B. References

Reference	Title
SOPM 20-41-01	DECODING TABLE FOR BOEING FINISH CODES
SOPM 20-44-01	APPLICATION OF SPECIAL PURPOSE COATINGS AND FINISHES
SOPM 20-50-05	APPLICATION OF ALUMINUM FOIL AND OTHER MARKERS
SOPM 20-50-10	APPLICATION OF STENCILS, INSIGNIA, SILK SCREEN, PART NUMBERING AND IDENTIFICATION MARKINGS
SOPM 20-50-12	APPLICATION OF ADHESIVES
SOPM 20-60-02	FINISHING MATERIALS
SOPM 20-60-04	MISCELLANEOUS MATERIALS

C. Procedure (IPL Figure 2)

NOTE: 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) Remove damaged marker or nameplate. Note position.

(2) Clean reservoir surface per SOPM 20-50-05.

(3) Touch up by chemically treating (F-17.07) reservoir surface, as required.

(4) Install new marker or nameplate in position noted per SOPM 20-50-05, except bond with adhesive, A01070 per SOPM 20-50-12, method 1.

(5) Topcoat marker or nameplate with coating, B00571 per SOPM 20-44-01.

(6) Refinish reservoir assembly per Refinish.

(7) Vibro engrave (electric etch optional) reservoir assembly dash number on nameplate per SOPM 20-50-10.

3. 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
C50069	Coating - Enamel, Color 702 Gloss White	BMS10-11, Type II

B. References

Reference	Title
SOPM 20-41-01	DECODING TABLE FOR BOEING FINISH CODES
SOPM 20-60-02	FINISHING MATERIALS
SOPM 20-60-04	MISCELLANEOUS MATERIALS

C. Procedure

NOTE: 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) Reservoir assembly (115, IPL Figure 1) – Protect nameplates and markers by masking. Chemically treat (F-17.07) interior and exterior surfaces. Apply primer, C00259r (F-20.02) plus enamel coating, C50069 (F-21.03) on exterior surfaces only. Omit primer and enamel from boss face O-ring seats, threads, equipment mating surfaces, and 1.25 inches from end of tube (25, IPL Figure 2). Material: Alum alloy.

4. Repair

A. Procedure

CAUTION: DO NOT REMOVE MATERIAL INSIDE OF, OR WITHIN 0.5 INCH OF RADIUSED AREAS OF TRANSITION FROM CYLINDRICAL TO SPHERICAL FORM. MULTIPLE BLEND-OUT REPAIRS IN THE SAME RESERVOIR LOCATION MUST NOT EXCEED MAXIMUM DEPTH VALUES SHOWN BELOW.

(1) Smooth and blend out areas of minor corrosion damage to reservoir assembly. In areas of cylindrical form (reservoir sides), blend to a maximum depth of 0.013 inch. In areas of spherical form (end domes), blend to a maximum depth of 0.010 inch. Refinish as necessary for protection against corrosion.

ASSEMBLY

1. General

A. This section contains the data necessary to assemble the system A resevoir system.

2. Assembly

A. Tools/Equipment

NOTE: Equivalent substitutes may be used.

Reference	Description
SPL-5454	Bonding Meter (Part #: T-207, Supplier: 81982)

B. Consumable Materials

NOTE: Equivalent substitutes may be used.

Reference	Description	Specification
D00054	Fluid - Hydraulic Assembly Lubricant - MCS 352B (Formerly Monsanto MCS 352B)	
D00153	Fluid - Hydraulic, Erosion Arresting, Fire Resistant	BMS3-11 Type IV (interchange˜able & intermixable with Type V)
G01912	Lockwire - Monel (0.032 In. Dia.)	NASM20995N˜C32 (QQ-N-281)

C. References

Reference	Title
SOPM 20-11-03	REPAIR OF ELECTRICAL TERMINATIONS AND ELECTRICAL BONDING AREAS
SOPM 20-50-02	INSTALLATION OF SAFETYING DEVICES
SOPM 20-50-06	INSTALLATION OF O-RINGS AND TEFLON SEALS
SOPM 20-60-03	LUBRICANTS
SOPM 20-60-04	MISCELLANEOUS MATERIALS

D. Procedure IPL Figure 1

NOTE: For lubricants, refer to SOPM 20-60-03. For miscellaneous materials, refer to SOPM 20-60-04.

(1) Use standard industry practices for assembly of this component plus the following procedures.

(2) Lubricate O-rings (20, 35, 65, 75, 55,) with BMS 3-11 hydraulic fluid, D00153 or MCS 352B fluid, D00054 per SOPM 20-50-06.

(3) Flush reservoir per instructions in CLEANING.

(4) For the 65-44600-19, -20, -22 assemblies, install clamp (100) with bolts (95), washers (90) and nuts (85). Shim between clamp (100) and reservoir with required washers (90) to prevent preloading of tube.

(5) Install sleeve (105) and nut (110).

(6) Install couplings (70, 80) and O-ring (75) into boss coupling.

(7) Install unions (30, 60) and O-rings (35, 65) into boss couplings.

(8) Install O-ring (55) and drain valve (50) with bolts (40) and washers (45). Close and lockwire valve and bolts with lockwire, G01912 per SOPM 20-50-02 using double-twist method.

(9) Clean faying surface between transmitter boss and transmitter (25) per SOPM 20-11-03. Brush-alodine cleaned surface (17.07). Install transmitter (25) with bolts (15), washers (10) and nuts (5). Use Bonding Meter, SPL-5454 to check that resistance between transmitter (25) and transmitter boss is less than 0.001 ohm.

3. Assembly

A. Procedure (IPL Figure 2)

(1) For the 65-44601-22, -23 assemblies, install the clamp (170) with the bolts (165), the washers (160), and the nuts (155) to the support ring (15). Shim as required with washers (160) between the clamp (170) and the support ring (15) to prevent preloading of the tube.

4. Storage

A. Procedure

(1) Use standard industry practices to store this component, plus the following procedure.

(2) Install Skydrol-resistant plugs or caps on all openings to ensure that reservoir is kept clean during handling and storage.

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FITS AND CLEARANCES

(NOT APPLICABLE)

SPECIAL TOOLS, FIXTURES, AND EQUIPMENT

1. General

A. This section lists the special tools, fixtures, and equipment necessary for maintenance.

NOTE: Equivalent substitutes may be used.

Special Tools

Reference	Description	Part Number	Supplier
SPL-5395	Sealing Cap, Pressure Transmitter Mount Tool	C29001-1	81205
SPL-5454	Bonding Meter	T-207	81982

Tool Supplier Information

CAGE Code	Supplier Name	Supplier Address
81205	THE BOEING COMPANY	17930 INTERNATIONAL BLVD. SOUTH SEATAC, WA 98188-4321 Telephone: 206-662-6650 Facsimile: 206-662-7145
81982	CRANE AEROSPACE & ELECTRONICS	16700 13TH AVE. W. P. O. BOX 7722 LOCAL: LESLIE KEYES; LYNNWOOD, WA LYNNWOOD, WA 98046-9727 Telephone: (425) 743-8321 Facsimile: (425) 743- 8234 www.craneae.com/contact_us/contact_us.htm

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

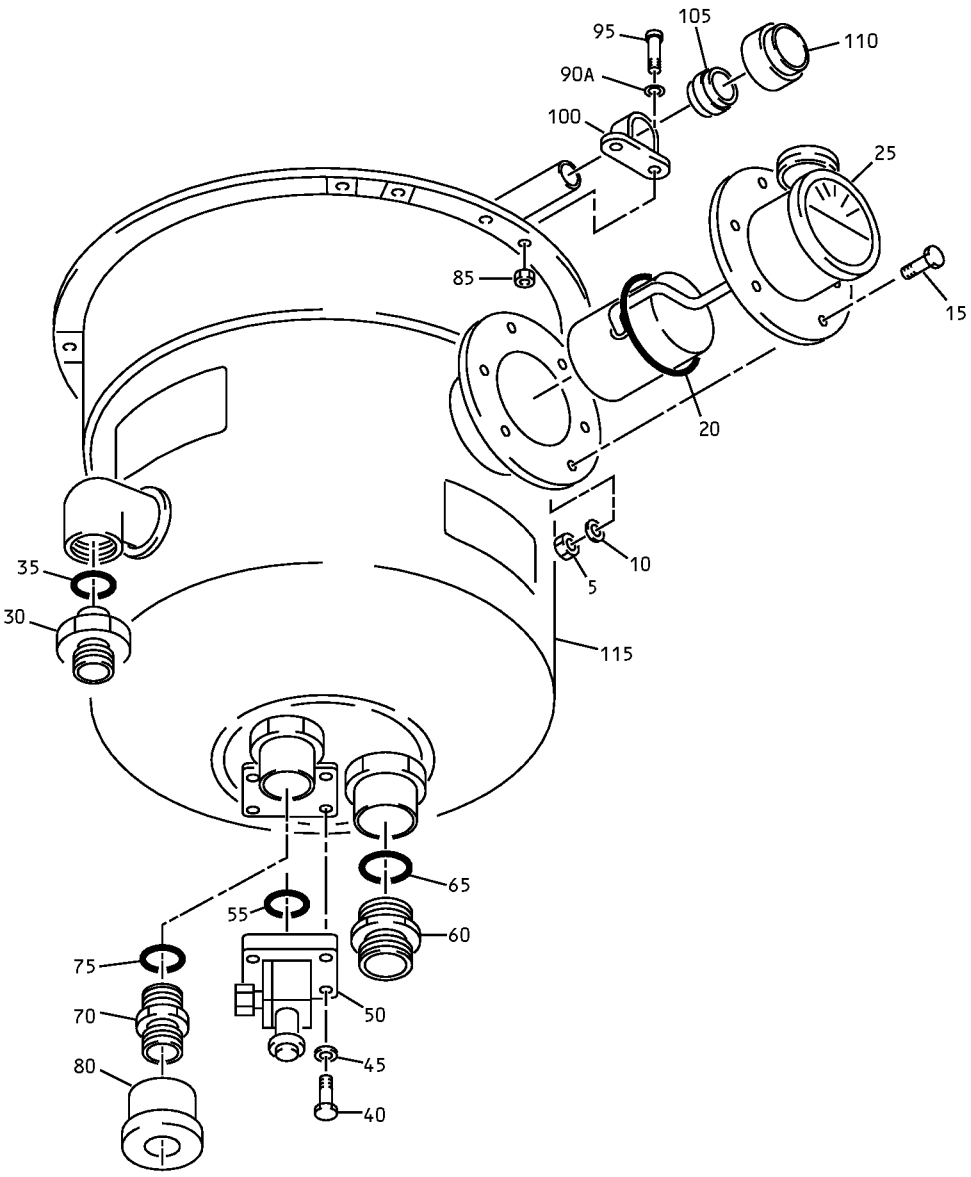
Code	Name
00624	EATON AEROQUIP INC ENGINEERED SYSTEMS DIV 300 S EAST AVE JACKSON, MICHIGAN 49203-1972 FORMERLY AEROQUIP ELBEE PLANT V99879 OR WESTERN PLANT V70128; FORMERLY AEROQUIP AEROSP DIV JACKSON PLANT; FORMERLY V11328 AEROQUIP LINAIR DIV; LAWRENCE PLANT V26622
89305	BF GOODRICH AEROSPACE AIRCRAFT INTEGRATED SYSTEMS 100 PANTON ROAD VERGENNES, VERMONT 05491-1013
92003	PARKER-HANNIFIN CORPORATION 14300 ALTON PKWY IRVINE, CALIFORNIA 92618 FORMERLY PARKER AIRCRAFT V02689;FORMERLY SCHULZ TOOL & MFG V82267; FORMERLY PARKER-BERTEA AEROSPACE GROUP

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
10-60554-28		1	25	1
10-60554-34		1	25A	1
10-60554-37		1	25B	1
10-60561-1		1	50	1
20043-0000-01		1	25	1
20138-1000-0101		1	25A	1
20138-1000-0201		1	25B	1
3-111794		1	50	1
375248-12		1	70	1
375530-12		1	80	1
65-44600-19		1	1	RF
65-44600-20		1	1A	RF
65-44600-22		1	1B	RF
65-44600-23		1	1C	RF
65-44600-24		1	1D	RF
65-44601-13		1	115	1
		2	1	RF
65-44601-16		2	10	1
65-44601-17		2	15	1
65-44601-18		2	35	1
65-44601-19		2	45	1
65-44601-20		2	25	1
65-44601-21		1	115A	1
		2	1A	RF
65-44601-22		1	115B	1
		2	1B	RF
65-44601-23		1	115C	1
		2	1C	RF
65-44601-3		2	5	1
65-44601-6		2	40	1
65C26803-1		2	110	1
69-35000-1		2	75	1
69-35600-3		2	80	1
69-35600-4		2	70	1

PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
69-35744-1		2	55	1
69-35744-7		2	30	1
69-35749-4		2	20	7
69-35752-3		2	50	1
69-35754-2		2	60	1
69-35975-2		2	65	1
69-73922-1		2	85	1
69-73922-2		2	90	1
69-73923-1		2	115	1
69-73926-1		2	135	1
69-73926-2		2	125	1
69-73926-3		2	120	1
69-73926-4		2	130	1
69-73927-1		2	140	1
69-73929-1		2	145	1
69-73929-2		2	150	1
AN960JD10L		1	90A	AR
		2	160	2
AN960PD10L		1	45	4
AN960PD416		1	10	6
BAC27DHY0277		2	100	1
BAC27DHY0304		2	105	1
BAC27DHY0343		2	100A	1
BACC10CC12		1	100	1
		2	170	1
BACS13AP12		1	105	1
MS21209F1-15P		2	175	4
MS21902D16		1	60	1
MS21921D12		1	110	1
MS21924D12		1	30	1
NAS1611-213		1	55	1
NAS1611-234		1	20	1
NAS1612-12		1	35	1
		1	75	1
NAS1612-16		1	65	1

PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
NAS1801-3-7		1	95	2
		2	165	2
NAS1804-3		1	85	2
		2	155	2
NAS1804-4		1	5	6
NAS6603H4		1	40	4
NAS6604-8		1	15	6



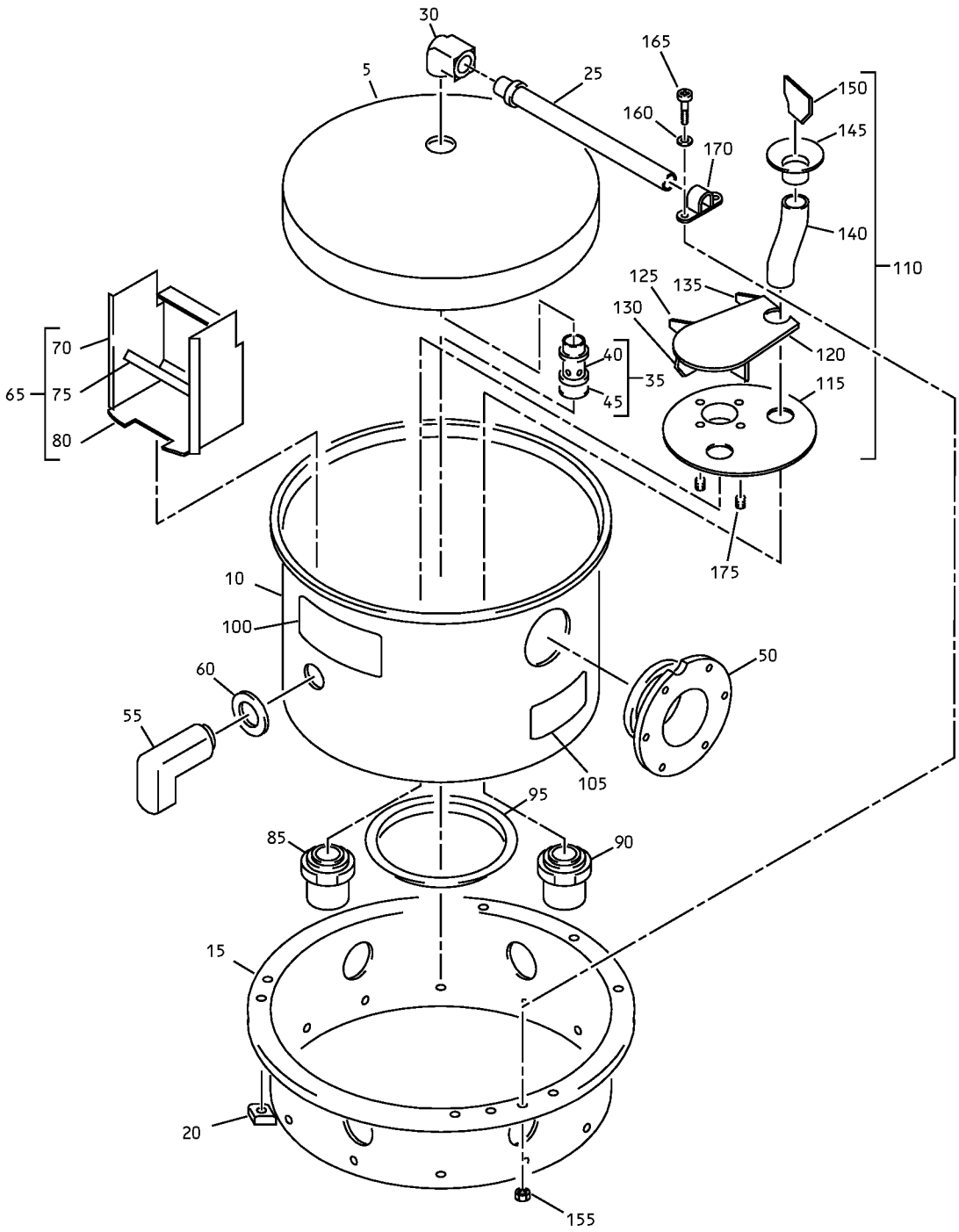
System A Hydraulic Reservoir Assembly
IPL Figure 1

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY
1–					
1	65-44600-19		RESERVOIR ASSY-SYS A HYD	A	RF
–1A	65-44600-20		RESERVOIR ASSY-SYS A HYD	B	RF
–1B	65-44600-22		RESERVOIR ASSY-SYS A HYD	C	RF
–1C	65-44600-23		RESERVOIR ASSY-SYS A HYD	D	RF
–1D	65-44600-24		RESERVOIR ASSY-SYS A HYD	E	RF
5	NAS1804-4		. NUT		6
10	AN960PD416		. WASHER		6
15	NAS6604-8		. BOLT		6
20	NAS1611-234		. O-RING		1
25	20043-0000-01		. QUANTITY TRANSMITTER (V89305) (OPT ITEM 25B) (SPEC 10-60554-28)	A, B	1
–25A	20138-1000-0101		. QUANTITY TRANSMITTER (V89305) (OPT ITEM 25B) (SPEC 10-60554-34)	C	1
–25B	20138-1000-0201		. QUANTITY TRANSMITTER (PREF) (V89305) (SPEC 10-60554-37)	A-E	1
30	MS21924D12		. UNION		1
35	NAS1612-12		. O-RING		1
40	NAS6603H4		. BOLT		4
45	AN960PD10L		. WASHER		4
50	3-111794		. DRAIN VALVE (V92003) (SPEC 10-60561-1)		1
55	NAS1611-213		. O-RING		1
60	MS21902D16		. UNION		1
65	NAS1612-16		. O-RING		1
70	375248-12		. COUPLING (V00624)		1
75	NAS1612-12		. O-RING		1

–Item not Illustrated

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY
1–					
80	375530-12		. COUPLING (V00624)		1
85	NAS1804-3		. NUT	A-C	2
90	AN960PD10L		DELETED		
90A	AN960JD10L		. WASHER	A-C	AR
95	NAS1801-3-7		. BOLT	A-C	2
100	BACC10CC12		. CLAMP	A-C	1
105	BACS13AP12		. SLEEVE		1
110	MS21921D12		. NUT		1
115	65-44601-13		. RESERVOIR ASSY (FOR DETAILS SEE FIG. 2)	A	1
–115A	65-44601-21		. RESERVOIR ASSY (FOR DETAILS SEE FIG. 2)	B, C	1
–115B	65-44601-22		. RESERVOIR ASSY (FOR DETAILS SEE FIG. 2)	D	1
–115C	65-44601-23		. RESERVOIR ASSY (FOR DETAILS SEE FIG. 2)	E	1

–Item not Illustrated



Reservoir Assembly
IPL Figure 2

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY
2–					
1	65-44601-13		RESERVOIR ASSY	A	RF
–1A	65-44601-21		RESERVOIR ASSY	B	RF
–1B	65-44601-22		RESERVOIR ASSY	C	RF
–1C	65-44601-23		RESERVOIR ASSY	D	RF
5	65-44601-3		. DOME		1
10	65-44601-16		. BODY		1
15	65-44601-17		. SUPPORT RING		1
20	69-35749-4		. SPACER		7
25	65-44601-20		. TUBE		1
30	69-35744-7		. BOSS		1
35	65-44601-18		. TUBE ASSY		1
40	65-44601-6		. . TUBE		1
45	65-44601-19		. . PLATE		1
50	69-35752-3		. BOSS		1
55	69-35744-1		. BOSS		1
60	69-35754-2		. PLATE		1
65	69-35975-2		. BAFFLE ASSY		1
70	69-35600-4		. . BAFFLE WALL		1
75	69-35000-1		. . BAFFLE		1
80	69-35600-3		. . LOWER PLATE		1
85	69-73922-1		. BOSS		1
90	69-73922-2		. BOSS		1
100	BAC27DHY0277		. NAMEPLATE	A	1
–100A	BAC27DHY0343		. NAMEPLATE	B-D	1
105	BAC27DHY0304		. . MARKER, AL. FOIL		1
110	65C26803-1		. WELD ASSY		1
115	69-73923-1		. . BOSS PLATE		1
120	69-73926-3		. . PLATE		1
125	69-73926-2		. . BAFFLE		1
130	69-73926-4		. . BAFFLE		1
135	69-73926-1		. . BAFFLE		1

–Item not Illustrated

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY
2–					
140	69-73927-1		. . STANDPIPE		1
145	69-73929-1		. . STANDPIPE INLET		1
150	69-73929-2		. . VANE		1
155	NAS1804-3		. NUT	C, D	2
160	AN960JD10L		. WASHER	C, D	2
165	NAS1801-3-7		. BOLT	C, D	2
170	BACC10CC12		. CLAMP	C, D	1
175	MS21209F1-15P		. INSERT	D	4

–Item not Illustrated