TO: ALL HOLDERS OF APU AND CARGO FIRE CONTROL MODULE ASSEMBLY, M10444, COMPONENT MAINTENANCE MANUAL 26-22-11

REVISION NO. 5 DATED NOV 01/04

HIGHLIGHTS

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

CHAPTER/SECTION AND PAGE NO.	DESCRIPTION OF CHANGE
CONTENTS	Edited without technical change.
1	
101-102	
1015	
1002	Added the S231T290 series switch interchangeability information.

BOEING

COMPONENT
MAINTENANCE MANUAL

APU AND CARGO FIRE CONTROL MODULE ASSEMBLY, M10444

PART NUMBERS 233T6211-301,-302,-1301

COMPONENT MAINTENANCE MANUAL
WITH
ILLUSTRATED PARTS LIST

L02899

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
233T6211-26-01	26-4	PRR B12901-10S	NOV 01/01

PAGE	DATE	CODE
26-22-11		
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1	MAR 01/00	01
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*101	NOV 01/04	01.1
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1001	MAR 01/00	01
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*1003	NOV 01/04	01.101
*1004	NOV 01/04	01.101
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* = REVISED, ADDED OR DELETED

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*[1] Use applicable procedures in SOPM (Standard Overhaul Practices Manual) 20-11-04 and standard industry practices.
*[2] Special instructions not required.

INTRODUCTION

The instructions in this manual provide the information necessary to perform maintenance functions including test, fault isolation, and replacement of defective components.

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

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

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

Verification:

Testing/FI

DESCRIPTION AND OPERATION

1. Description

   A. The APU and Cargo Fire Control module assembly contains push button switches, a fire control switch, and several light indicators. External connections are made through two circular connectors mounted in the rear of the assembly.

TESTING AND FAULT ISOLATION

1. Test Equipment

   A. Power supply: 28V dc ±1V, 1 amp

   B. Power supply: 5V ac ±0.2V, 400Hz

   C. Multimeter: Fluke 8020A or equivalent

   D. Test Connector: Test connectors shown below with pigtail leads (Boeing breakout box A33003-2 with test cables specified may be used)

Test Connector	Interface with	Test Cable
BACC45FT18-31S6	J2	A33003-36
BACC45FT18-31S7	J3	A33003-37

2. Functional Test

   A. Connect the module to the breakout box. Do functional test shown in Table 101. Fig. 101 shows the component locations, and Fig. 102 contains the schematic diagram.

      NOTE: Continuity is defined as 3 ohms max, and Open is defined as 900K ohms min.

3. Supplier Switch Operational Test

   A. For the APU fire switch (S39), do the operational test shown in Table 102. Table 102 may be used to verify the correct electrical operation of the switch. If the switch is known to be defective, the status of the switch is unknown, or the switch has been repaired or modified, the supplier CMM should be used. See OHM/CMM Index, D6-47081 to find the supplier CMM for the switch. Use test connector BACC45FT20-41S7. See Fig. 103 for the switch schematic diagram.

Step No.	Procedure		Required Result	Suspected Component
	This test procedure is for 233T6211-301, -302, -1301.			
	Continuity Test			
	Make sure all switches are off position. Measure the resistance between the pins shown below:			
	(+)	(-)		
1	J3-22	J3-16	Continuity	S1
2	J3-20	J3-5	Continuity	S2
3	J3-6	J3-8	Continuity	S2
4	J3-9	J3-10	Continuity	S2
5	J2-5	J2-20	Continuity	S2
6	J2-16	J2-22	Continuity	S1
7	J2-6	J2-8	Continuity	S1
8	J2-9	J2-10	Continuity	S1
	Press S1 switch on.			
9	J2-22	J2-16	Open	S1
10	J2-6	J2-8	Open	S1
11	J2-9	J2-10	Open	S1
12	J2-7	J2-8	Continuity	S1
13	J2-10	J2-11	Continuity	S1
14	J3-22	J3-16	Open	S1
	Release S1 switch off.			
	Press S2 switch on.			
15	J2-5	J2-20	Open	S2
16	J3-5	J3-20	Open	S2
17	J3-7	J3-8	Continuity	S2
18	J2-10	J3-11	Continuity	S2
	Release S2 switch off.			

Functional Test
Table 101 (Sheet 1)

Step No.	Procedure	Required Result	Suspected Component
	Press S3 switch on.		
	(+) (-)		
19	J3-24 J2-17	Continuity	S3
20	J2-30 J2-31	Continuity	S3
	Release S3 switch off.		
21	Apply 28V dc to J3-3 and ground to J3-4.	S2 AFT, L1 lighted	S2,L1
	Remove connections.		
22	Apply 28V dc to J2-3 and ground to J2-4.	S1 FWD, S3 DISCH, L2 lighted	S1,S3,L2
	Remove connections.		
23	Apply 28V dc to J2-3 and ground to J2-23, then apply 28V dc to J2-17 and ground to J2-15.	S3 DISCH lighted	S3,K1
	Remove connections.		
24	Apply 5V ac 400Hz J2-1 and J2-2.	Lightplate on	Lightplate
25	Press S2 switch on.	S2 ARMED lighted	S2
	Release S2 switch off.		
26	Press S1 switch on.	S1 ARMED lighted	S1
	Release S2 switch off.		
	Remove all connections.		

Functional Test
Table 101 (Sheet 2)

TEST STEP	PROCEDURE	REQUIRED RESULTS
1.0	INSULATION RESISTANCE AND CHASSIS GROUND CHECK	
1.1	Measure ohms between Pin 24 and all other pins (Pins 1 thru 23, 25, 28 thru 41) one pair at a time.	Open
1.2	Measure ohms between Pin 24 and the chassis.	Continuity
2.0	HANDLE ILLUMINATION CHECK	
2.1	Apply 28 ±0.5V dc to Pin 1 (+) and Pin 2 (−).	
2.2	Monitor the switch handle legend.	Evenly illuminated
2.3	Remove 28V dc from Pins 1 and 2.	
3.0	NORMAL POSITION (HANDLE IN) CHECK	
	Measure ohms between the pins shown below:	
	(+) (−)	
3.1	Pin 3 Pin 12	Continuity
3.2	Pin 3 Pin 11	Open
3.3	Pin 17 Pin 35	Continuity
3.4	Pin 17 Pin 34	Open
3.5	Pin 14 Pin 31	Continuity
3.6	Pin 14 Pin 30	Open
3.7	Pin 15 Pin 5	Continuity
3.8	Pin 15 Pin 4	Open
3.9	Pin 21 Pin 41	Continuity
3.10	Pin 21 Pin 40	Open

APU Fire Switch Operational Test
Table 102 (Sheet 1)

TEST STEP	PROCEDURE	REQUIRED RESULTS
3.11	Pin 13 Pin 29	Continuity
3.12	Pin 13 Pin 28	Open
3.13	Pin 18 Pin 37	Continuity
3.14	Pin 18 Pin 36	Open
3.15	Pin 19 Pin 7	Continuity
3.16	Pin 19 Pin 6	Open
3.17	Pin 20 Pin 39	Continuity
3.18	Pin 20 Pin 38	Open
3.19	Pin 16 Pin 33	Continuity
3.20	Pin 16 Pin 32	Open
4.0	SOLENOID CHECK	
4.1	Apply 28 ±0.5V dc, 5A max to Pin 10 (+) and Pin 25 (−).	
4.2	Pull the switch shaft out as far as it will go.	
5.0	FIRE POSITION (HANDLE OUT) CHECK	
5.1	Non-Discharge Position Check	
	Measure ohms between the pins shown below:	
	(+) (−)	
5.1.1	Pin 3 Pin 12	Open
5.1.2	Pin 3 Pin 11	Continuity
5.1.3	Pin 17 Pin 35	Open
5.1.4	Pin 17 Pin 34	Continuity
5.1.5	Pin 14 Pin 31	Open

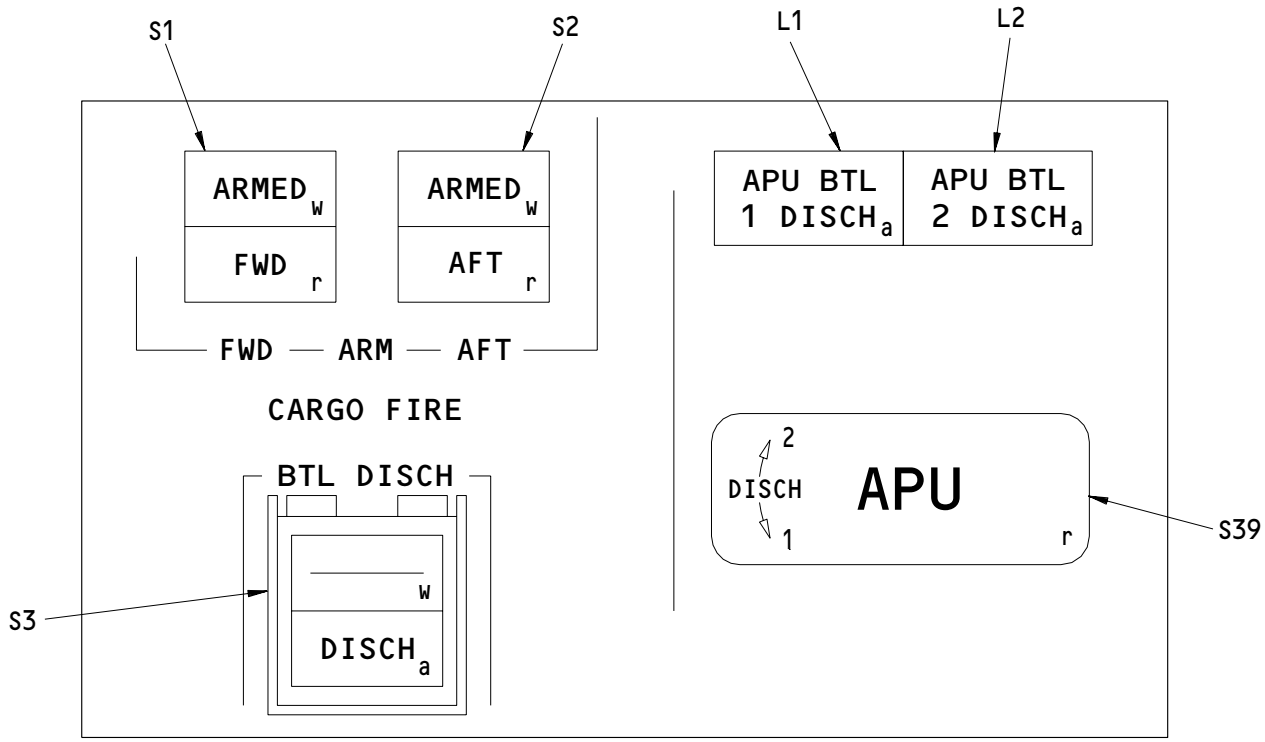
APU Fire Switch Operational Test
Table 102 (Sheet 2)

TEST STEP	PROCEDURE	REQUIRED RESULTS
5.1.6	Pin 14 Pin 30	Continuity
5.1.7	Pin 15 Pin 5	Open
5.1.8	Pin 15 Pin 4	Continuity
5.1.9	Pin 21 Pin 41	Open
5.1.10	Pin 21 Pin 40	Continuity
5.1.11	Pin 13 Pin 29	Open
5.1.12	Pin 13 Pin 28	Continuity
5.1.13	Pin 18 Pin 37	Open
5.1.14	Pin 18 Pin 36	Continuity
5.1.15	Pin 19 Pin 7	Open
5.1.16	Pin 19 Pin 6	Continuity
5.1.17	Pin 20 Pin 39	Open
5.1.18	Pin 20 Pin 38	Continuity
5.1.19	Pin 16 Pin 33	Open
5.1.20	Pin 16 Pin 32	Continuity
5.2	Discharge Position Check	
5.2.1	Measure ohms between Pin 8 and Pin 9 with the switch shaft rotated as far as it will go in a clockwise direction and held in this position.	Continuity
5.2.2	Measure ohms between Pin 22 and Pin 23 with the switch shaft rotated as far as it will go in a counterclockwise direction and held in this position.	Continuity
5.2.3	Rotate the switch shaft back to the middle position and push it in as far as it will go.	
5.2.4	Remove 28V dc from Pins 10 and 25.	

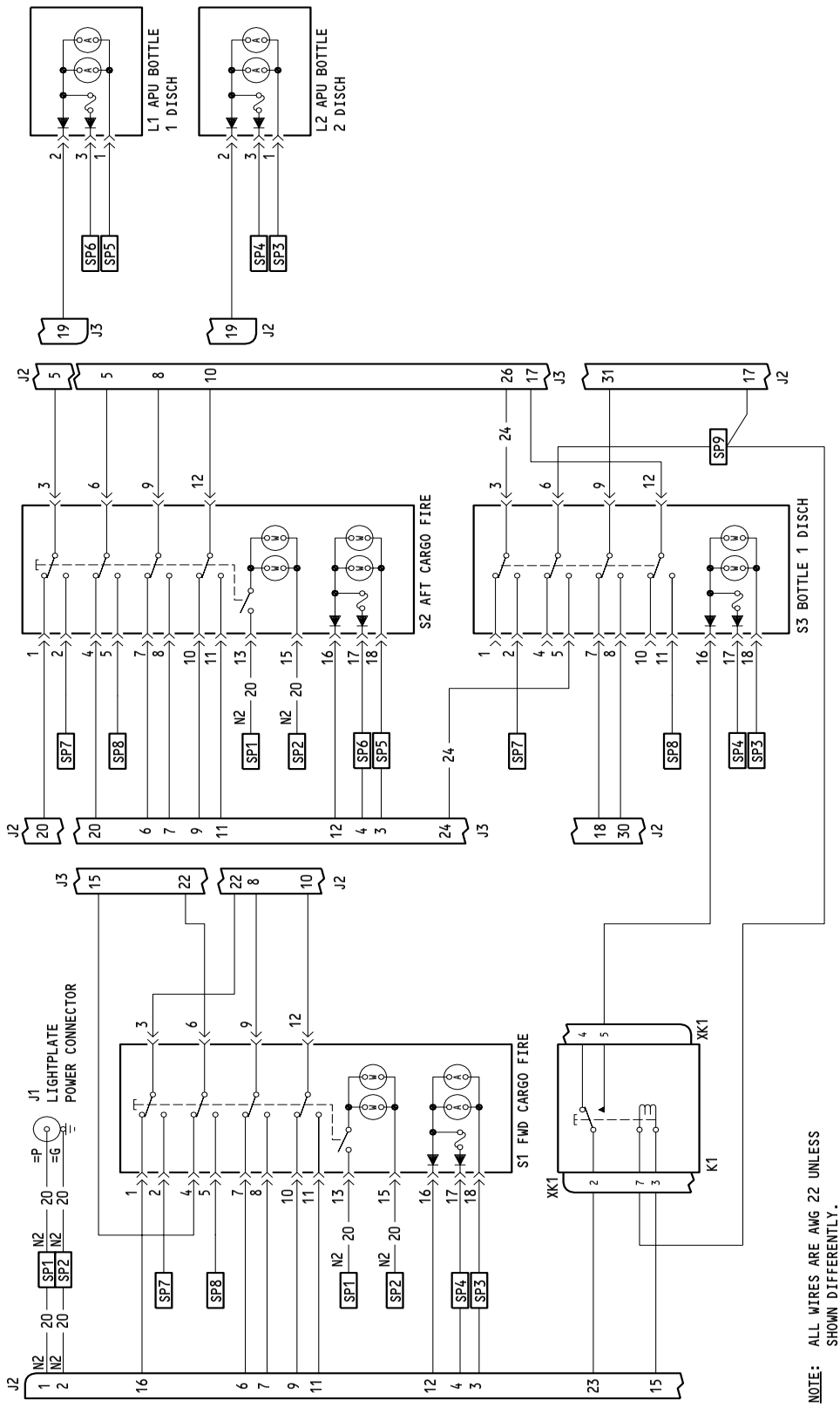
APU Fire Switch Operational Test
Table 102 (Sheet 3)

TEST STEP	PROCEDURE	REQUIRED RESULTS
6.0	SOLENOID OVERRIDE BUTTON CHECK	
6.1	Pull the switch shaft out as far as it will go while pressing the solenoid override button. Measure ohms between the pins shown below: Measure ohms between the pins shown below:	
	(+) (−)	
6.2	Pin 3 Pin 12	Open
6.3	Pin 3 Pin 11	Continuity
6.4	Pin 17 Pin 35	Open
6.5	Pin 17 Pin 34	Continuity
6.6	Pin 14 Pin 31	Open
6.7	Pin 14 Pin 30	Continuity
6.8	Pin 15 Pin 5	Open
6.9	Pin 15 Pin 4	Continuity
6.10	Pin 21 Pin 41	Open
6.11	Pin 21 Pin 40	Continuity
6.12	Pin 13 Pin 29	Open
6.13	Pin 13 Pin 28	Continuity
6.14	Pin 18 Pin 37	Open
6.15	Pin 18 Pin 36	Continuity
6.16	Pin 19 Pin 7	Open
6.17	Pin 19 Pin 6	Continuity
6.18	Pin 20 Pin 39	Open
6.19	Pin 20 Pin 38	Continuity
6.20	Pin 16 Pin 33	Open
6.21	Pin 16 Pin 32	Continuity
7.0	Remove all connections.	

APU Fire Switch Operational Test
Table 102 (Sheet 4)

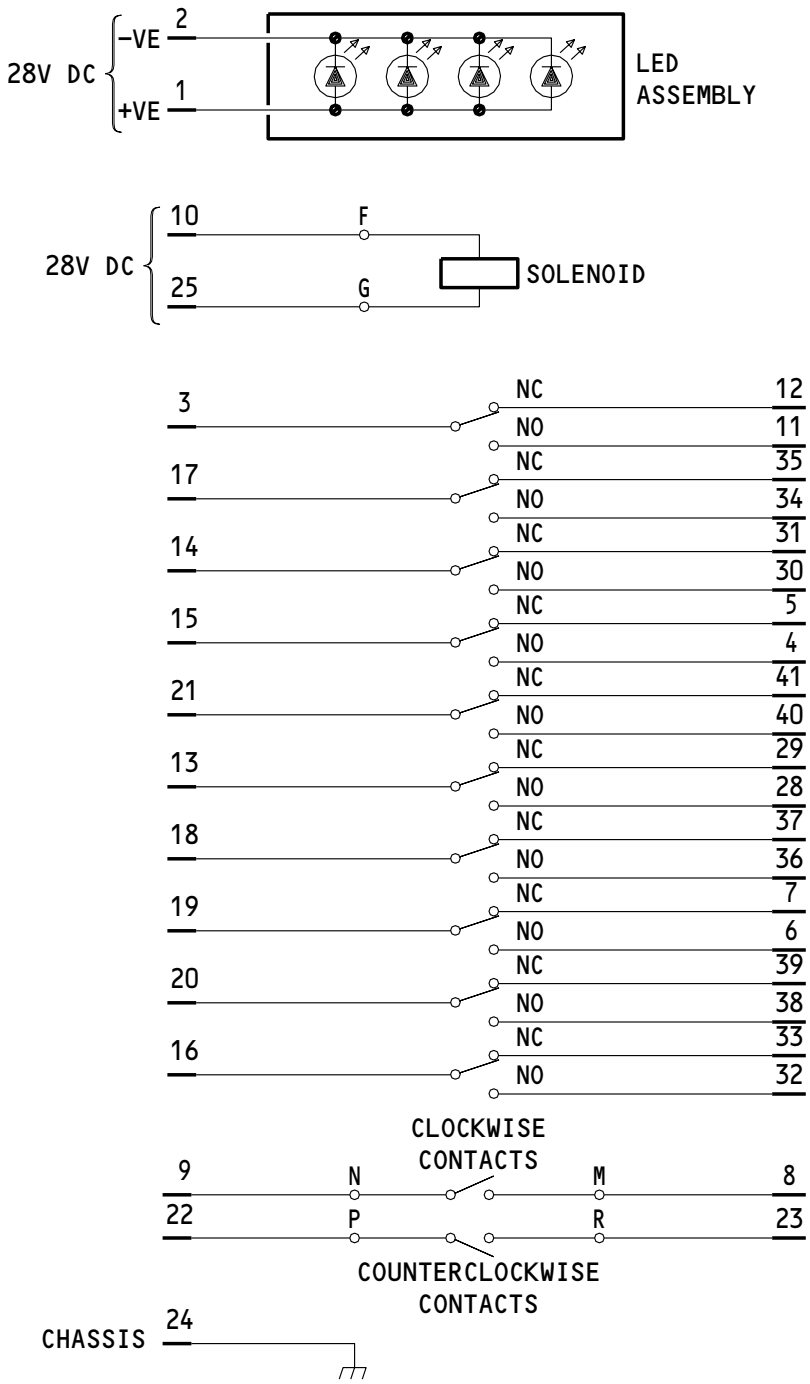


233T6211-301,-302,-1301
APU Cargo Fire Control Panel Component Locations
Figure 101



233T6211-301,-302,-1301
APU and Cargo Fire Control Schematic Diagram
Figure 102

LO2944



NOTE: THE LED ASSEMBLY CONTAINS CURRENT LIMITING CIRCUITRY.

APU Fire Switch Schematic Diagram
Figure 103

REPAIR - GENERAL

1. Material

   A. Varglas, non-fray type HO or HP (V79074: Varflex Corporation, 512 West Court Street PO Box 551, Rome, New York 13440-4010)

2. All repair may be accomplished with standard industry practices and procedures contained in SOPM 20-11-04 except as follows:

   A. When you replace wires, make sure that the wires are installed per the following:

      (1) Separate wire bundles by air separation (by a neutral bundle) or by use of shielded wires (Varglas sleeving should be used in the pressurized area).

      (2) Maintain the wire separation color coding per Table 601. Wire bundles that are not sleeved or shielded or that are shielded for purpose other than separation are color-coded to identify the functional separation category:

Functional Separation Category	Wire Bundle Tying Material Color
L (Left Power System)	Red
R (Right Power System)	Green
C (Center Bus Power)	Yellow
A (APU Power and Ground)	Orange
S (Battery Power)	Blue
N (Non-Redundant, Non-Power)	White

Wire Separation Color Code
Table 601

      (3) Install wire bundles with 0.25 inch (0.635 cm) minimum spacing when air space is the means of separation between categories. Wire bundles may be kept separated by using spacers P/N BACS45A( ) or 63-9273-( ). Spacers must be tied to wire bundle(s) with lacing tape.

(4) Apply the following when wire bundles of different separation categories are routed and tied together:

(a) Two or more bundles, all sleeved: Use white lacing tape.

(b) One or more sleeved and one unsleeved bundle: Use lacing tape color of unsleeved bundle.

(c) One or more neutral bundles and one color-coded bundle: Use lacing tape color of color-coded bundle.

(5) Make sure to maintain wire bundle and wire segment sleeving and clamping following any repair.

B. When you replace the lighted pushbutton switch (IPL Fig. 1, Item 15B, 20B, 45B), make sure that you use the switch with the letter "D" imprinted on the master module of the switch. The Korry part number of the master module with the config "D" marked is 13206-001 (Items 15B, 20B) or 13203-001 (Items 45B).

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.

7. The following table may be used to find the interchangeability information for the S231T290 series flight deck pushbutton switches. The corresponding vendor part number is shown in parentheses along with the cage code. The last two digits denoted by 'XX' should match between the old part and interchangeable part numbers. The old part number may be used as a replacement unless noted differently:

Old Part Number	Interchangeable Part Number
S231T290-10XX *[1] (433-673-1001-10XX (V81590))	S231T290-42XX (4336731004-42XX (V81590))
S231T290-11XX *[1] (433-673-1001-11XX (V81590))	S231T290-43XX (4336731004-43XX (V81590))
S231T290-20XX (851-30768-20XX (V96182))	S231T290-42XX (4336731004-42XX (V81590))
S231T290-30XX (851-30768-30XX (V96182))	S231T290-42XX (4336731004-42XX (V81590))
S231T290-31XX (851-30768-31XX (V96182))	S231T290-43XX (4336731004-43XX (V81590))
S231T290-40XX *[1] (433-673-1004-40XX (V81590))	S231T290-42XX (4336731004-42XX (V81590))
S231T290-41XX *[1] (433-673-1004-41XX (V81590))	S231T290-43XX (4336731004-43XX (V81590))

*[1] The old part number may be used as a replacement where the old part number contains configuration "D" master module. See repair section for additional information.

VENDORS

K0673 PAGE AEROSPACE LTD
FORGE LANE
SUNBURY-ON-THAMES, MIDDLESEX TW16 6EQ ENGLAND
FORMERLY PAGE ENGINEERING CO LTD

01526 GENICOM CORP
ONE GENICOM DRIVE
WAYNESBORO, VIRGINIA 22980-1999
FORMERLY GE SPECIALY CONTROL & DATA COMMUNICATIONS PROD DEPT

05617 IDD AEROSPACE CORP
18225 NORTHEAST 76TH STREET PO BOX 97056
REDMOND, WASHINGTON 98073-9756
FORMERLY FARWEST ELEC INC;FORMERY IN BELLEVUE, WA;
FORMERLY BELL IND FARWEST MFG DIV;FORMERLY BELL IND
ILLUMINATED DISPLAYS DIV

09026 BABCOCK ELECTRONICS CORP CONTROL PRODUCT DIV SEE
ESTERLINE ELECTRONICS CORP V82050

12324 DUPREE INC STAKE FASTENER CO
14395 RAMONA PO BOX 1797
CHINO, CALIFORNIA 91708
FORMERLY DUPREE MFG CO IN SOUTH EL MONTE, CALIFORNIA
FORMERLY STAKE FASTENER CO DIV OF DUPREE INC

15653 FAIRCHILD FASTENERS KAYNAR PRODUCTS DIV
800 S STATE COLLEGE BLVD
FULLERTON, CALIFORNIA 92831-3001
FORMERLY VK6405 MICRODOT AEROSP LTD; FORMERLY KAYNAR TECH
KAYNAR DIV

35344 LEACH CORP RELAY DIV SEE LEACH CORP CONTROL PROD DIV V58657

51074 WEST COAST SPECIALTIES INC
8158 304TH AVE SE PO BOX 5010
PRESTON, WASHINGTON 98050
FORMERLY V0424B; FORMERLY IN ISSAQUAH, WA

51896 SPECTRA LUX CORP
11825 120TH AVENUE NORTHEAST
KIRKLAND, WASHINGTON 98034
FORMERLY IN BELLEVUE, WASHINGTON

58614 COMMUNICATIONS INSTRUMENTS INC
HWY 74 EAST, PO BOX 520
FAIRVIEW, NORTH CAROLINA 28730

VENDORS

58982 PRECISION CONNECTOR DESIGNS INC
CENTENNIAL PARK 2 TECHNOLOGY DRIVE
PEABODY, MASSACHUSETTS 01960
FORMERLY IN WINCHESTER, MASSACHUSETTS

60119 MONADNOCK CO THE
18301 ARENTH AVENUE PO BOX 1222
CITY OF INDUSTRY, CALIFORNIA 91749
FORMERLY UNITED CARR FASTENER CORP VB0051 VB0056 VB0076
FORMERLY TRW ELECTRONIC COMPONENTS CINCH-MONADNOCK DIV
FORMERLY CINCH-MONADNOCK DIV OF TRW INC V76530

71482 CP CLARE CORP NORTH AMERICA SALES OPERATIONS
601B CAMPUS DRIVE
ARLINGTON HEIGHTS, ILLINOIS 60004
FORMERLY CLARE DIV OF GENERAL INSTRUMENT CORP
FORMERLY IN CHICAGO, ILLINOIS

72794 DZUS FASTENER COMPANY, INCORPORATED
425 UNION BOULEVARD
WEST ISLIP, NEW YORK 11795-3123
FORMERLY IN BABYLON, NEW YORK

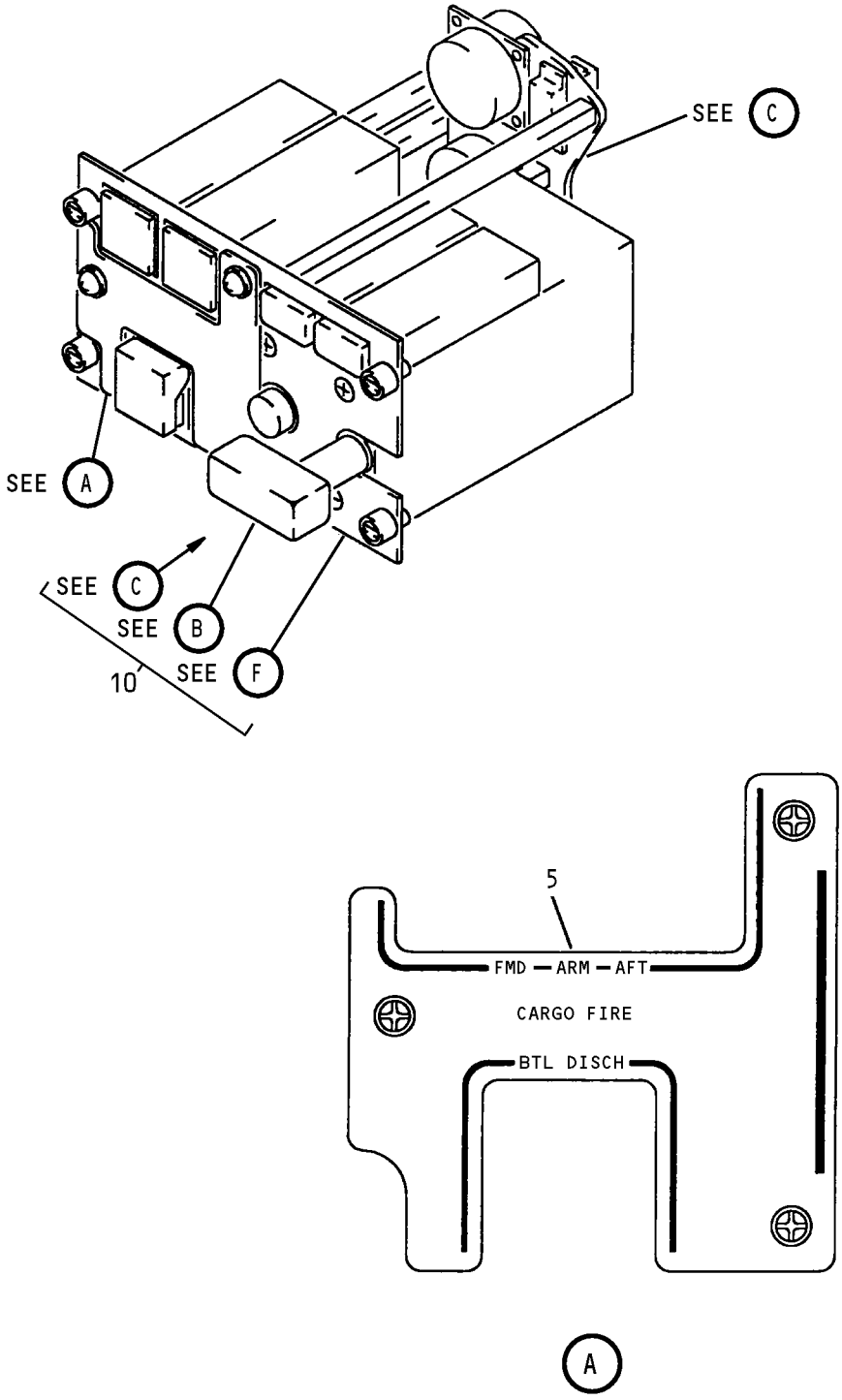
72962 HARVARD INDUSTRIES INC
3 WERNER WAY SUITE 210
LEBANON, NEW JERSEY 08833
FORMERLY AMERACE CORP ESNA DIV
FORMERLY ELASTIC STOP NUT IN UNION, NJ

81590 KORRY ELECTRONIC INC SUB OF CRITON CORP
901 DEXTER AVENUE NORTH
SEATTLE, WASHINGTON 98109-3515
FORMERLY KORRY, BORIS VB0021 AND KORRY MFG CO

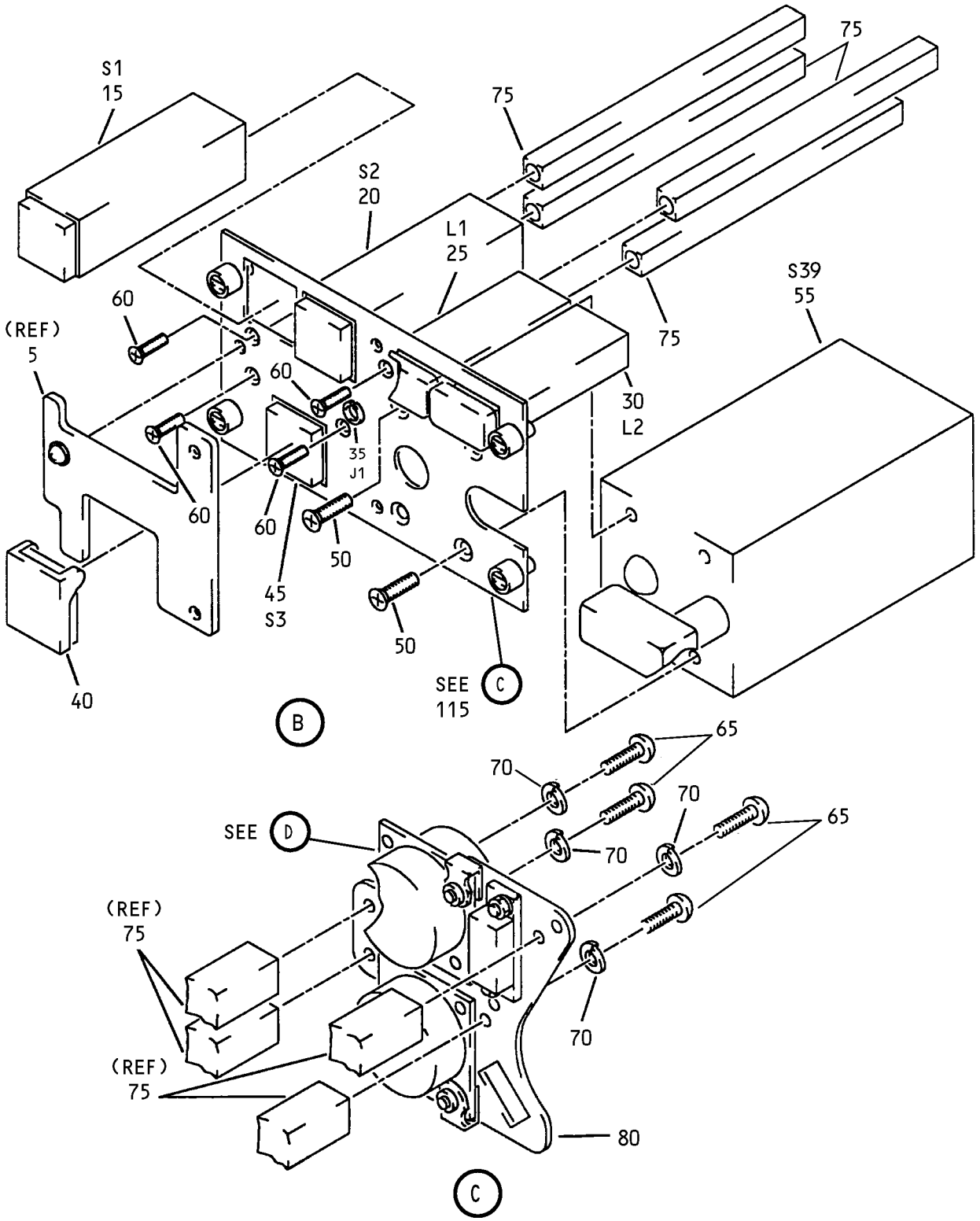
REFERENCE DESIGNATOR INDEX (SEE SCHEMATIC DIAGRAM)		
REFERENCE DESIGNATOR	PART NUMBER	FIG-ITEM
J1	90-42301-1	1-35
J2	BACC45FN18-31P6	95
J3	BACC45FN18-31P7	100
K1	3SAV1338A2	105
L1	BCREF8567	25
L2	BCREF8568	30
S1	BCREFA0526	15
S1	BCREFA0526	15B
S2	BCREFA0527	20
S2	BCREFA0527	20B
S2	4336731004-4262	20A
S3	BCREF10576	45
S3	BCREF10576	45B
S3	4336731004-4206	45A
S39	D455-08-001	55
XK1	RSE120026	110

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
BACC45FN18-31P6		1	95	1
BACC45FN18-31P7		1	100	1
BACN10NW1		1	90	4
BACP10U0337N		1	130	1
BACR13CD2		1	105	1
BACS12CK04U5		1	85A	4
BACS12CK06U5		1	65A	4
BACS16AG1		1	110	1
BACS21DX1B		1	120	4
BACW10EC06C		1	70A	4
BCREFA0526		1	15	1
BCREFA0527		1	20	1
BCREF10576		1	45	1
BCREF8567		1	25	1
BCREF8568		1	30	1
BR16S233		1	105	1
D455-08-001		1	55	1
EE4AA005		1	105	1
FH6C5CPL12BN		1	60	4
HFW1204K01		1	105	1
HFW1206K03		1	105	1
K19798-04		1	90	4
MS24693C49		1	50	4
MS35338-136		1	70	4
MS51957-14		1	85	4
MS51957-27		1	65	4
PFSC35-38ASEMB		1	120	4
RMA4812-160-40		1	90	4
RSE120026		1	110	1
SF6G6CBB5D		1	125	3
S231T290-4006		1	45	1
S231T290-4061		1	15	1
S231T290-4062		1	20	1
S231T290-821		1	40	1
S231T300-2228		1	25	1
S231T300-2229		1	30	1
S233T100-572		1	5A	1
10-61318-17		1	55	1
233T6200-99		1	80	1
233T6211-1		1	10	1
233T6211-1001		1	10B	1
233T6211-1301		1	1C	RF
233T6211-2		1	115	1
233T6211-3		1	135	1
233T6211-301		1	1A	RF

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
233T6211-302		1	1B	RF
233T6211-4		1	10A	1
293162		1	90	4
3SAV1338A2		1	105	1
433-100-002		1	40	1
433-673-1004-40		1	45	1
433-673-1004-40		1	15	1
433-673-1004-40		1	20	1
4336731004-4206		1	45A	1
4336731004-4261		1	15A	1
4336731004-4262		1	20A	1
434-674-1031-22		1	25	1
434-674-1031-22		1	30	1
451120-026		1	110	1
69B46200-15		1	75	4
800-006845		1	5A	1
90-42301-1		1	35	1



APU and Fire Control Module Assembly, M10444
Figure 1 (Sheet 1)



APU and Fire Control Module Assembly, M10444
Figure 1 (Sheet 2)

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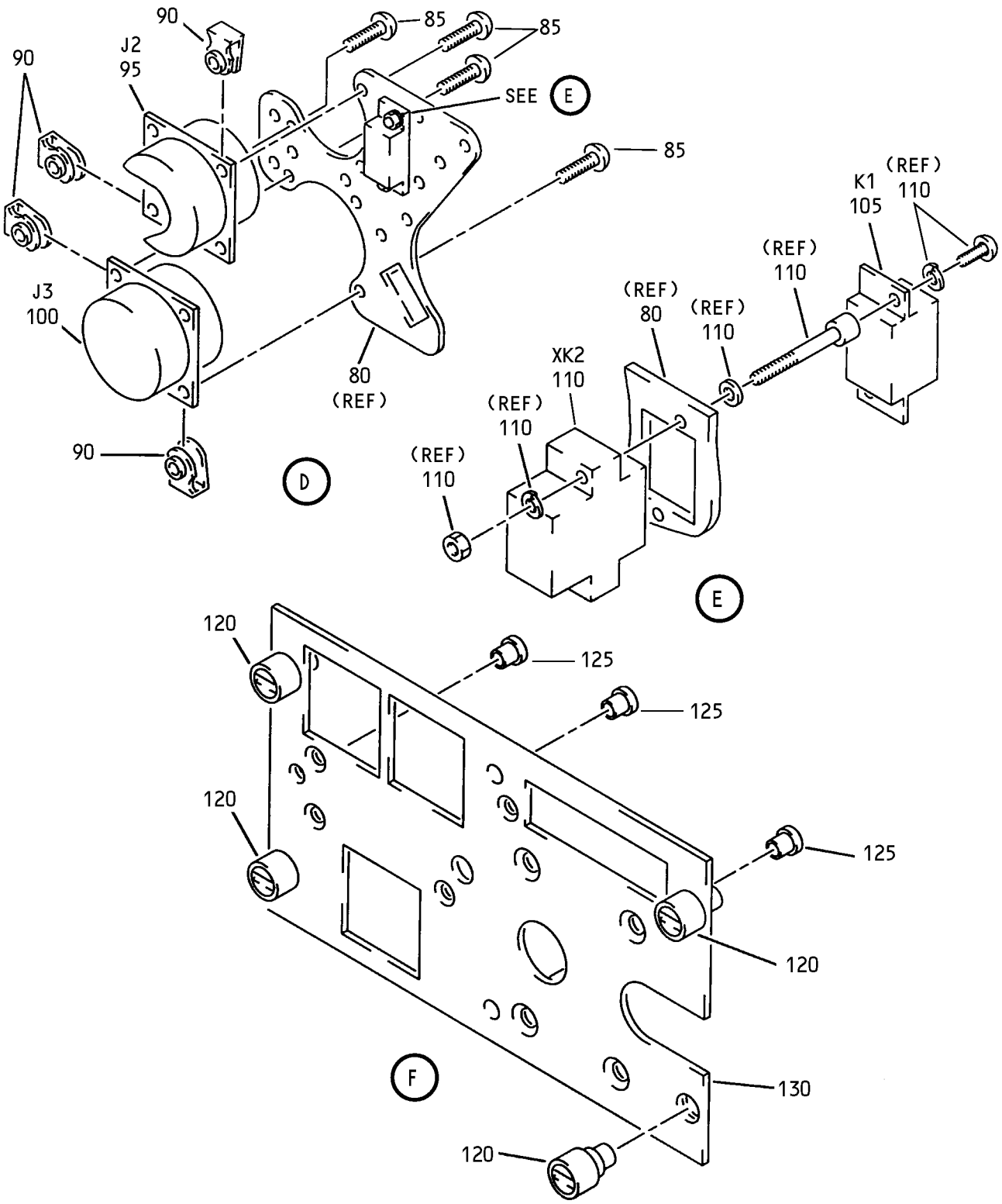

APU and Fire Control Module Assembly, M10444
Figure 1 (Sheet 3)

	FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
	01-					
	-1A	233T6211-301		MODULE ASSY-APU AND CARGO FIRE CONT M10444 (PRE SB 233T6211-26-01)	A,C	RF
R	-1B	233T6211-302		MODULE ASSY-APU AND CARGO FIRE CONT M10444	B	RF
R	-1C	233T6211-1301		MODULE ASSY-APU AND CARGO FIRE CONT M10444 (POST SB 233T6211-26-01)	C	RF
	5	S233T100-572		DELETED		
R	5A	800-006845		.LIGHTPLATE- (V05617) (SPEC S233T100-572) (OPT S233T100-572 (V51896)) (OPT (V05617), (V98140))		1
	10	233T6211-1		.MODULE ASSY- (PRE SB 233T6211-26-01)	A	1
R	-10A	233T6211-4		.MODULE ASSY	B	1
R	-10B	233T6211-1001		.MODULE ASSY- (POST SB 233T6211-26-01)	C	1
	15	BCREFA0526		..SWITCH-PUSHBUTTON (V81590) (433-673-1004-4061) (S1) (SPEC S231T290-4061)	A	1
R	-15A	4336731004-4261		..SWITCH-PUSHBUTTON (V81590) (S1)	B	1
R	15B	BCREFA0526		..SWITCH-PUSHBUTTON (USE WITH CONFIGURATION "D" MASTER MODULE. SEE REPAIR FOR ADDITIONAL INFORMATION) (V81590) (433-673-1004-4061) (S1) (SPEC S231T290-4061)	C	1

	FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
	01-20	BCREFA0527		..SWITCH-PUSHBUTTON (V81590) (433-673-1004-4062) (S2) (SPEC S231T290-4062)	A	1
R	-20A	4336731004-4262		..SWITCH-PUSHBUTTON (V81590) (S2)	B	1
R	20B	BCREFA0527		..SWITCH-PUSHBUTTON (USE WITH CONFIGURATION "D" MASTER MODULE. SEE REPAIR FOR ADDITIONAL INFORMATION) (V81590) (433-673-1004-4062) (S2) (SPEC S231T290-4062)	C	1
	25	BCREF8567		..LIGHT ASSY-IND (V81590) (434-674-1031-2228) (L1) (SPEC S231T300-2228)		1
	30	BCREF8568		..LIGHT ASSY-IND (V81590) (434-674-1031-2229) (L2) (SPEC S231T300-2229)		1
	35	90-42301-1		..CONNECTOR-PWR (V51074) (J1)		1
	40	433-100-002		..GUARD-SWITCH (V81590) (SPEC S231T290-821)		1

	FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
	01-45	BCREF10576		..SWITCH-PUSHBUTTON (V81590) (433-673-1004-4006) (S3) (SPEC S231T290-4006)	A	1
R	-45A	4336731004-4206		..SWITCH-PUSHBUTTON (V81590) (S3)	B	1
R	45B	BCREF10576		..SWITCH-PUSHBUTTON (USE WITH CONFIGURATION "D" MASTER MODULE. SEE REPAIR FOR ADDITIONAL INFORMATION) (V81590) (433-673-1004-4006) (S3) (SPEC S231T290-4006)	C	1
	50	MS24693C49		..SCREW		4
	55	D455-08-001		..SWITCH- (VK0673) (S39) (SPEC 10-61318-17)		1
	60	FH6C5CPL12BN		..SCREW- (V12324)		4
	65	MS51957-27		..SCREW	A,C	4
R	-65A	BACS12CK06U5		..SCREW	B	4
	70	MS35338-136		..WASHER	A,C	4
R	-70A	BACW10EC06C		..WASHER	B	4
	75	69B46200-15		..STANDOFF		4

	FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
	01-					
	80	233T6200-99		..BRACKET-SPRT		1
	85	MS51957-14		..SCREW	A,C	4
R	-85A	BACS12CK04U5		..SCREW	B	4
	90	K19798-04		..NUT- (V15653) (SPEC BACN10NW1) (OPT RMA4812-160-40 (V72962)) (OPT 293162 (V60119))		4
	95	BACC45FN18-31P6		..CONNECTOR- (J2)		1
	100	BACC45FN18-31P7		..CONNECTOR- (J3)		1
	105	3SAV1338A2		..RELAY- (V01526) (SPEC BACR13CD2) (OPT BR16S233 (V09026)) (OPT EE4AA005 (V35344)) (OPT HFW1206K03 (V58614)) (OPT HFW1204K01 (V71482)) (K1)		1
	110	RSE120026		..SOCKET- (V58982) (SPEC BACS16AG1) (OPT 451120-026 (V58982)) (XK1)		1
	115	233T6211-2		..BASEPLATE ASSY		1
	120	PFSC35-38ASEMB		...STUD ASSY- (V72794) (SPEC BACS21DX1B)		4
	125	SF6G6CBB5D		...NUT-PRESS (V12324)		3

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
130	BACP10U0337N		...BASEPLATE		1
-135	233T6211-3		..WIRE BUNDLE ASSY		1

- Item Not Illustrated