

 **BOEING**
COMPONENT
MAINTENANCE MANUAL

TO: ALL HOLDERS OF LIGHTING CONTROL PANEL ASSEMBLY M10056 COMPONENT MAINTENANCE
MANUAL 33-11-71

REVISION NO. 22 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.

ALL PAGES

DESCRIPTION OF CHANGE

Added assemblies P/N 233T3100-67, -123, -190, -191,
-306.

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HIGHLIGHTS

01.1

Page 1

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LIGHTING CONTROL PANEL ASSEMBLY, M10056

PART NUMBERS 233N3214-22,-24,-26 THRU -29,
-31 THRU -34,-38,-41,
-300 THRU -306
233T3100-67,-123,-190,-191,-306

COMPONENT MAINTENANCE MANUAL
WITH
ILLUSTRATED PARTS LIST

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TITLE PAGE

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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

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REVISION RECORD

01.1

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TEMPORARY REVISION AND SERVICE BULLETIN RECORD

BOEING SERVICE BULLETIN	BOEING TEMPORARY REVISION	OTHER DIRECTIVE	DATE OF INCORPORATION INTO MANUAL
		PRRC 12010 PRRC 12011 PRRN 52136 PRRN 52266 PRRN 52448 PRRVDCN0005 PRRN 53112 PRR 53135-97 PRR B11632 RR B41018-29 PRR 54427 PRR B12574	OCT 10/82 OCT 10/82 OCT 10/82 OCT 10/82 OCT 10/82 OCT 10/82 JUL 10/85 JUL 01/88 JAN 01/89 JAN 01/89 MAR 01/95 MAR 01/95

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TR & SB RECORD

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*1	NOV 01/04	01.1	*113	NOV 01/04	01.1
2	BLANK		114	BLANK	
REVISION RECORD			REPAIR-GENERAL		
*1	NOV 01/04	01.1	*601	NOV 01/04	01.1
2	BLANK		602	BLANK	
TR & SB RECORD			ILLUSTRATED PARTS LIST		
*1	NOV 01/04	01.1	*1001	NOV 01/04	01.1
2	BLANK		*1002	NOV 01/04	01.1
LIST OF EFFECTIVE PAGES			*1003	NOV 01/04	01.1
*1	NOV 01/04	01	*1004	NOV 01/04	01.1
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*1	NOV 01/04	01.1	*1007	NOV 01/04	01.1
2	BLANK		*1008	NOV 01/04	01.1
INTRODUCTION			*1009	NOV 01/04	01.1
*1	NOV 01/04	01.1	*1010	NOV 01/04	01.1
2	BLANK		*1011	NOV 01/04	01.1
DESCRIPTION & OPERATION			*1012	NOV 01/04	01.1
*1	NOV 01/04	01.1	*1013	BLANK	
2	BLANK		*1014	NOV 01/04	01.1
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*101	NOV 01/04	01.1	*1016	NOV 01/04	01.1
*102	NOV 01/04	01.1	*1017	NOV 01/04	01.1
*103	NOV 01/04	01.1	*1018	NOV 01/04	01.1
*104	NOV 01/04	01.1	*1019	NOV 01/04	01.1
*105	NOV 01/04	01.1	*1020	NOV 01/04	01.1
*106	NOV 01/04	01.1	*1021	NOV 01/04	01.1
*107	NOV 01/04	01.1	*1022	NOV 01/04	01.1
*108	NOV 01/04	01.1	*1023	NOV 01/04	01.1
109	BLANK		*1024	NOV 01/04	01.1
*110	NOV 01/04	01.1	*1025	NOV 01/04	01.1
*111	NOV 01/04	01.1	*1026	NOV 01/04	01.1
			*1027	NOV 01/04	01.1
			*1028	NOV 01/04	01.1
			*1029	BLANK	
			*1030	NOV 01/04	01.1
			*1031	NOV 01/04	01.1
			*1032	NOV 01/04	01.1
			*1033	NOV 01/04	01.1

* = REVISED, ADDED OR DELETED

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ILLUSTRATED PARTS LIST		CONT.			
*1034	NOV 01/04	01.1			
*1035	NOV 01/04	01.1			
*1036	NOV 01/04	01.1			

* = REVISED, ADDED OR DELETED

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Testing and Trouble Shooting.	101
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Check	*[1]
Repair.	601
Assembly.	*[2]
Fits and Clearances (not applicable)	
Special Tools, Fixtures, and Equipment.	*[1]
Illustrated Parts List.	1001

[*[1]] Use applicable procedures in SOPM 20-11-05 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 | 4. List of Effective Pages |
| 2. Record of Revisions | 5. Table of Contents |
| 3. Temporary Revisions &
Service Bulletin Record | 6. Introduction |
| | 7. Procedures and 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/TS

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INTRODUCTION

01.1

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LIGHTING CONTROL PANEL ASSEMBLY M10056 – DESCRIPTION AND OPERATION

1. Description

- A. The lighting control panel assembly consists of switches, indicators and resistors interconnected by a wire bundle. All components are mounted on a baseplate assembly.

2. Operation

- A. The Lighting Control Panel Assembly, M10056, is located on Overhead Panel P5.

- B. The Lighting Control Panel Assembly, M10056, circuitry contains:

- (1) Switches S1 and S2, Left/Right Runway Turnoff: control the two runway turnoff lights (left/right), which are mounted on the nose landing gear.
- (2) Switch S3, Lights Override: permits the crews to simultaneously turn on all floodlights.
- (3) Switch S4, Taxi: controls the Taxi light, which is mounted on the nose landing gear.
- (4) Potentiometer R1, Glareshield Panel/Flood: is dual (2) 500K ohms potentiometer resistors, which will increase or decrease depending on the rotation (clockwise or counter clockwise). The inner knob controls the potentiometer that varies the dimmer control unit (DCU) 0-5v ac output to the floodlights. The outer knob controls the potentiometer for the integral panel lights.
- (5) Potentiometer R2, Aisle Stand Panel/Flood: contains a switch and potentiometer. These components are ganged to the selector shaft such that rotation of the shaft in a clockwise or counter clockwise commands more or less electrical power to the Left/Right Aisle Stand Floodlight.

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DESCRIPTION & OPERATION

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TESTING AND TROUBLE SHOOTING

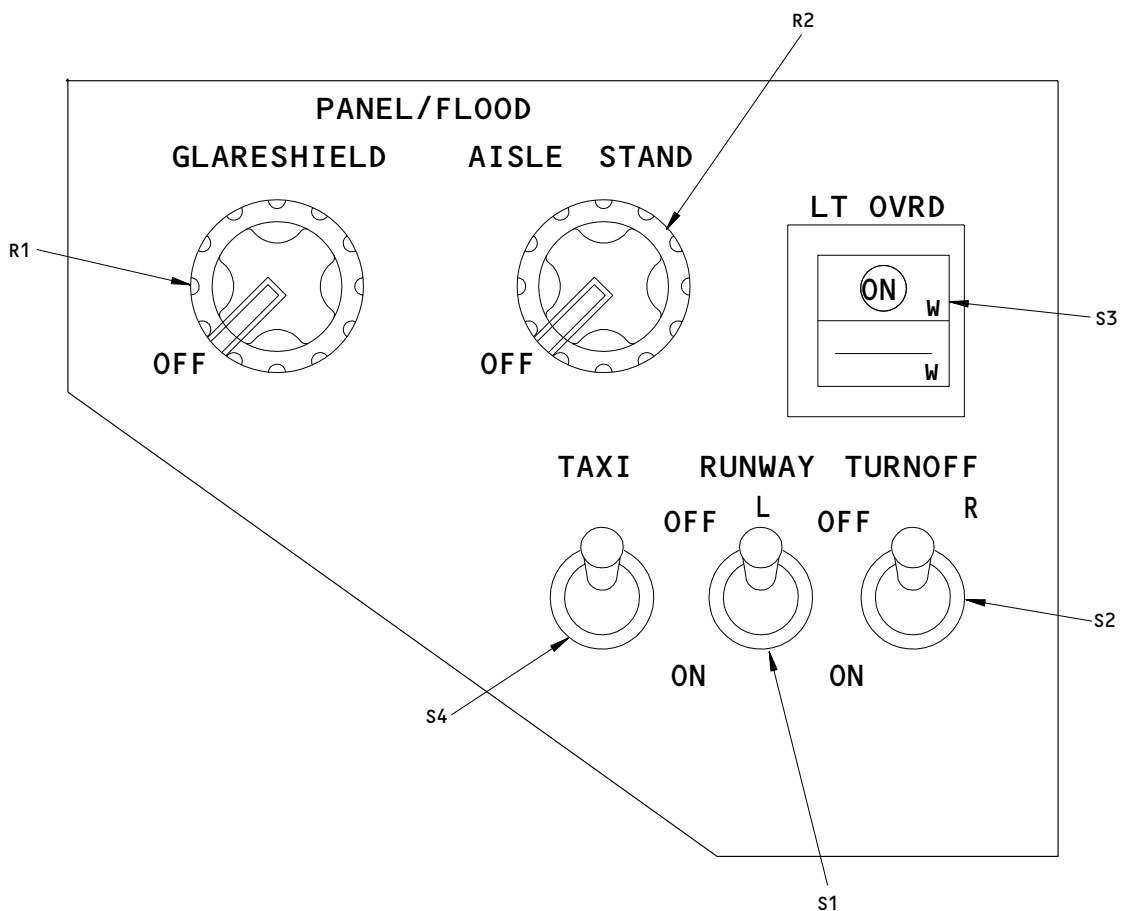
1. Test Equipment

- A. Multimeter: Any model in the Simpson 260 series of multimeters/VOMs or equivalent.
- B. Power supply: 5 \pm 0.3 Vac, 400 \pm 10 HZ
- C. Test connectors (Boeing breakout box A33003-2 and cables A33003-19, -21 may be used):
 - (1) BACC45FT14 - 15S6 (mate to J2)
 - (2) BACC45FT14 - 15S8 (mate to J3)

2. Functional Test

- A. Connect test connector to mate to J2 on panel assembly.
- B. Perform tests listed in Fig. 102. Component locations are shown in Fig. 101.

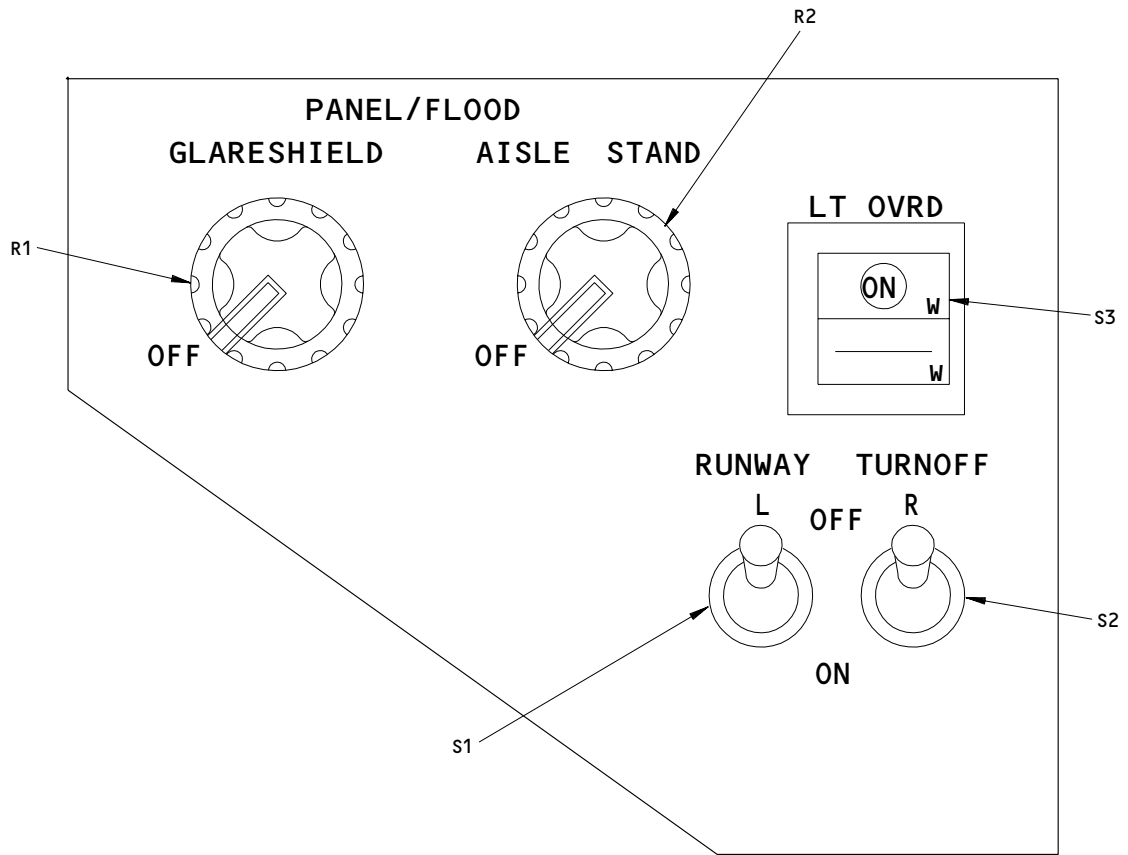
33-11-71



233N3214-22,-26,-28,-29,-34,-38,-303 THRU -305
 233T3100-67,-190,-306

Component Location
 Figure 101 (Sheet 1)

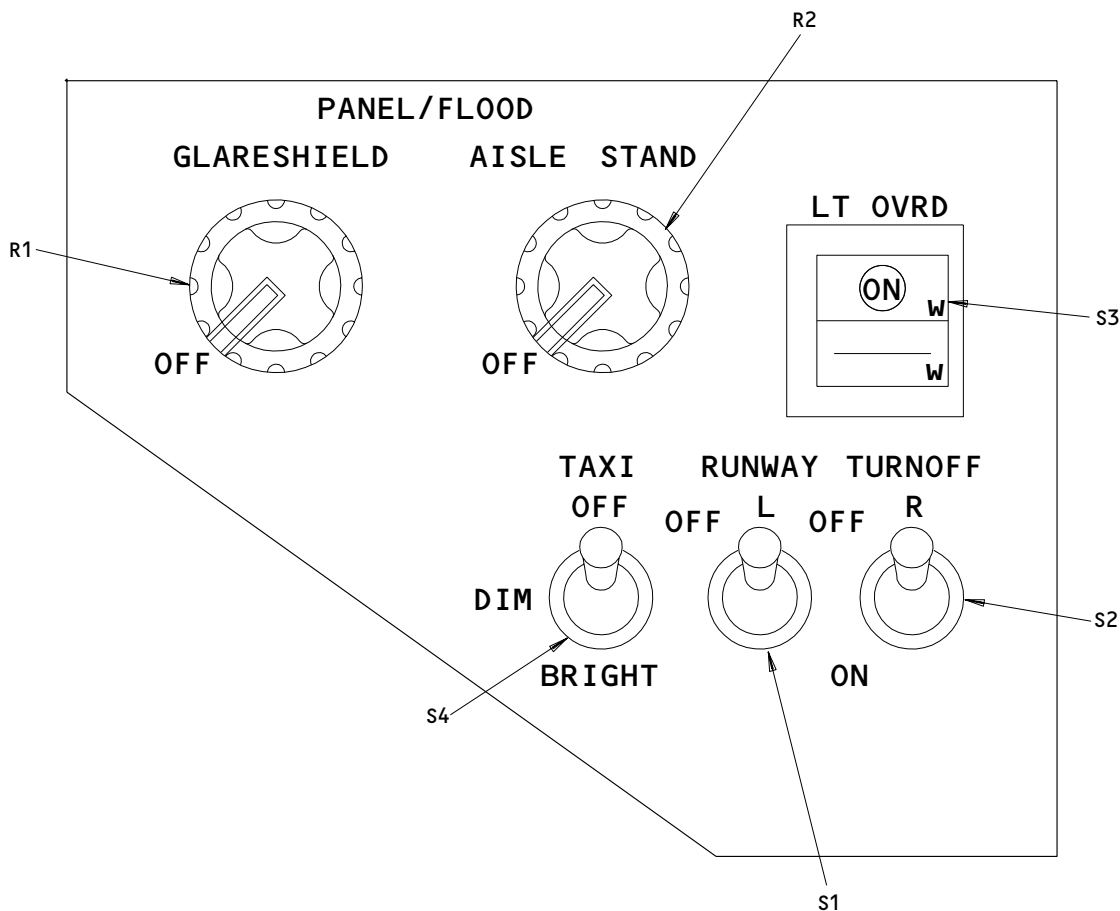
33-11-71



233N3214-24,-27,-31,-32,-33,-300,-301,-306
 233T3100-123,-191

Component Location
 Figure 101 (Sheet 2)

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233N3214-41,-302
 Component Location
 Figure 101 (Sheet 3)

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TEST PROCEDURE	REQUIRED RESULTS	COMP TEST									
1. (233N3214-22, -26,-28,-29, -34,-38,-303 thru -305; 233T3100-67,-190,-306) (a) Set S4 to OFF (b) Measure ohms between pins J2-10 and J2-11 (c) Set S4 to ON (d) Measure ohms between pins J2-10 to J2-11	open continuity	S4 S4									
1A. (233N3214-41,-302 only) (a) Measure ohms with S4 OFF, S4 DIM, and S4 BRIGHT J2-10 to J2-11 J2-10 to J2-14	<table border="0"> <tr> <td><u>S4 OFF</u></td> <td><u>S4 DIM</u></td> <td><u>S4 BRIGHT</u></td> </tr> <tr> <td>open</td> <td>open</td> <td>continuity</td> </tr> <tr> <td>open</td> <td>continuity</td> <td>open</td> </tr> </table>	<u>S4 OFF</u>	<u>S4 DIM</u>	<u>S4 BRIGHT</u>	open	open	continuity	open	continuity	open	S4
<u>S4 OFF</u>	<u>S4 DIM</u>	<u>S4 BRIGHT</u>									
open	open	continuity									
open	continuity	open									
<u>All Assemblies</u> 2. Measure ohms with S1 OFF and ON. J2-12 to J2-13	<table border="0"> <tr> <td><u>S1 OFF</u></td> <td><u>S1 ON</u></td> </tr> <tr> <td>open</td> <td>continuity</td> </tr> </table>	<u>S1 OFF</u>	<u>S1 ON</u>	open	continuity	S1					
<u>S1 OFF</u>	<u>S1 ON</u>										
open	continuity										

233N3214-22, -24, -26, -27, -28, -29, -31, -32, -33,
-34, -38, -41, -300 thru -306;
233T3100-67, -123, -190, -191, -306

Functional Test
Figure 102 (Sheet 1)

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TEST PROCEDURE	REQUIRED RESULTS	COMP TEST
3. (For all except 233N3214-300 thru -306; 233T3100-67,-123,-190,-191,-306) Measure ohms: J2-1 to center post J1 J2-2 to baseplate J1	continuity continuity	J1
4. Connect +5v ac to J2-1 and ground to J2-2.		
4A. (For P/N 233N3214-300 thru -306; 233T3100-67,-123,-190,-191,-306) Observe that the lightplate is	illuminated	Lightplate J1
5. Press S3 to on.	S3 ON (white) illuminated	S3
6. Set inner shaft of R1 and R2 fully CCW.		
7. Measure ohms: J2-3 to J2-4 J2-5 to J2-6 J2-7 to J2-9	continuity continuity continuity	S3 S3 S3
8. Press, release S3	S3 ON (white) extinguished	S3

233N3214-22, -24, -26, -27, -28, -29, -31, -32, -33,
 -34, -38, -41, -300 thru -306;
 233T3100-67, -123, -190, -191, -306

Functional Test
 Figure 102 (Sheet 2)

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TEST PROCEDURE	REQUIRED RESULTS	COMP TEST
9. Disconnect +5v ac power.		
10. Measure ohms: J2-3 to J2-4 J2-5 to J2-6 J2-7 to J2-9 J2-7 to J2-8	open open 450k min 3 ohms max	S3,R1 S3 R1 R1
11. Set inner shaft of R1 and R2 fully CW.		
12. Measure ohms: J2-3 to J2-4 J2-7 to J2-9	3 ohms max *[1]	R2 S3,R1
13. Rotate inner shaft of R2 to approximate midpoint.		
14. Measure ohms: J2-3 to J2-4	10 to 40 ohms	R2
15. Disconnect test connector from J2. Connect test connector to J3.		

233N3214-22, -24, -26, -27, -28, -29, -31, -32, -33,
 -34, -38, -41, -300 thru -306;
 233T3100-67, -123, -190, -191, -306

Functional Test
 Figure 102 (Sheet 3)

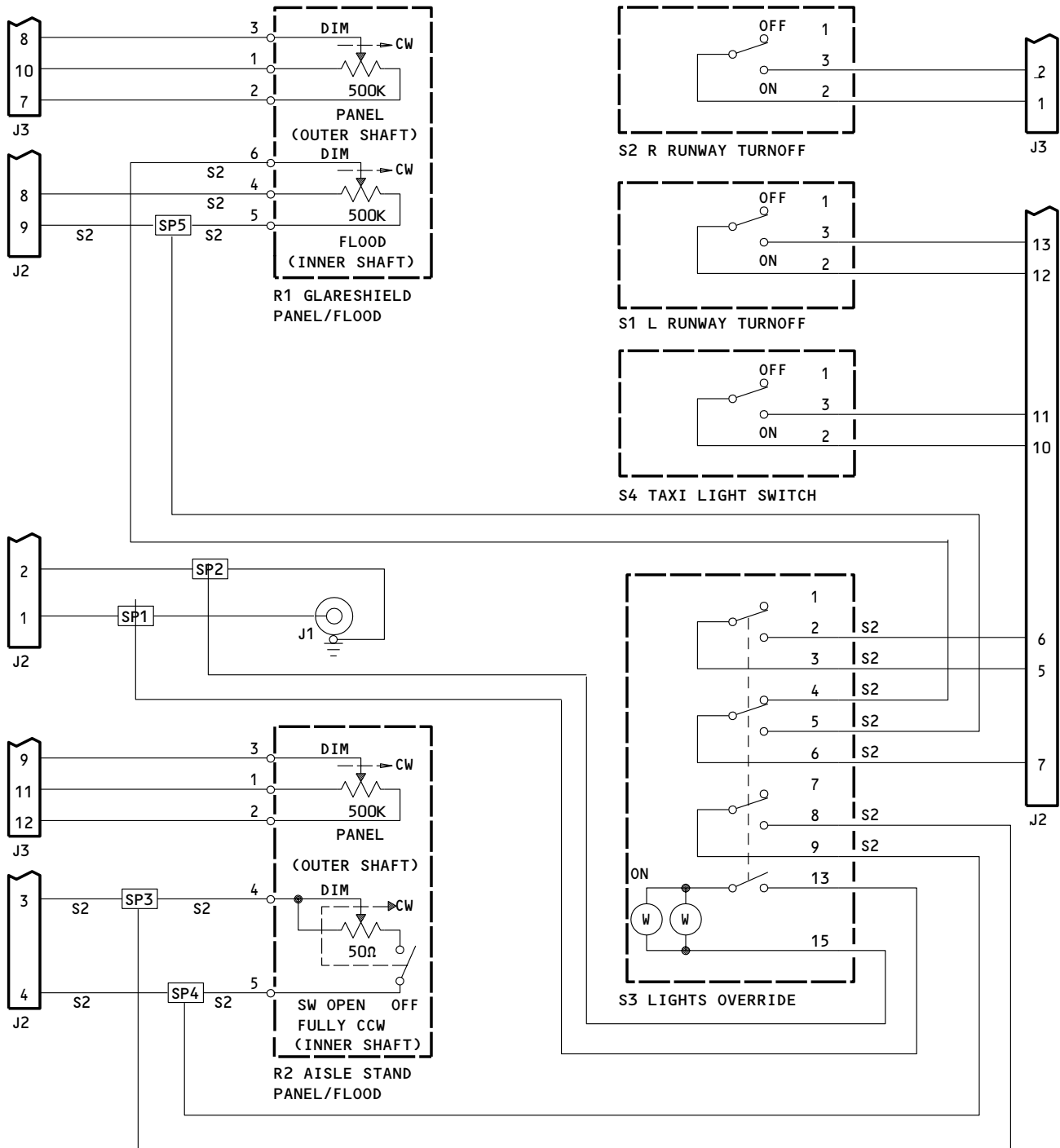
33-11-71

TEST PROCEDURE	REQUIRED RESULTS	COMP TEST		
16. Measure ohms with S2 ON and OF. J3-1 to J3-2	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"><u>S2 OFF</u> open</td> <td style="width: 50%; border: none;"><u>S2 ON</u> continuity</td> </tr> </table>	<u>S2 OFF</u> open	<u>S2 ON</u> continuity	S2
<u>S2 OFF</u> open	<u>S2 ON</u> continuity			
17. Set outer shafts of R1 and R2 fully CCW.				
18. Measure ohms: J3-8 to J3-7 J3-9 to J3-12 J3-8 to J3-10 J3-9 to J3-11	450k min 450k min 25 ohms max 3 ohms max	R1 R2 R1 R2		
19. Rotate outer shaft of R1 and R2 fully CW. J3-8 to J3-7 J3-9 to J3-12	*[1] *[1]	R1 R2		

*[1] Rotate the potentiometer from CCW to CW, resistance shall very smoothly from 500 K OHMS to approximately 10 K OHMS, resistance will drop off rapidly below approximately 10 K OHMS. When the potentiometer is rotated in the opposite direction, the resistance profile will reverse.

233N3214-22, -24, -26, -27, -28, -29, -31, -32, -33, -34, -38, -41,
 -300 thru -306;
 233T3100-67, -123, -190, -191, -306
 Functional Test
 Figure 102 (Sheet 4)

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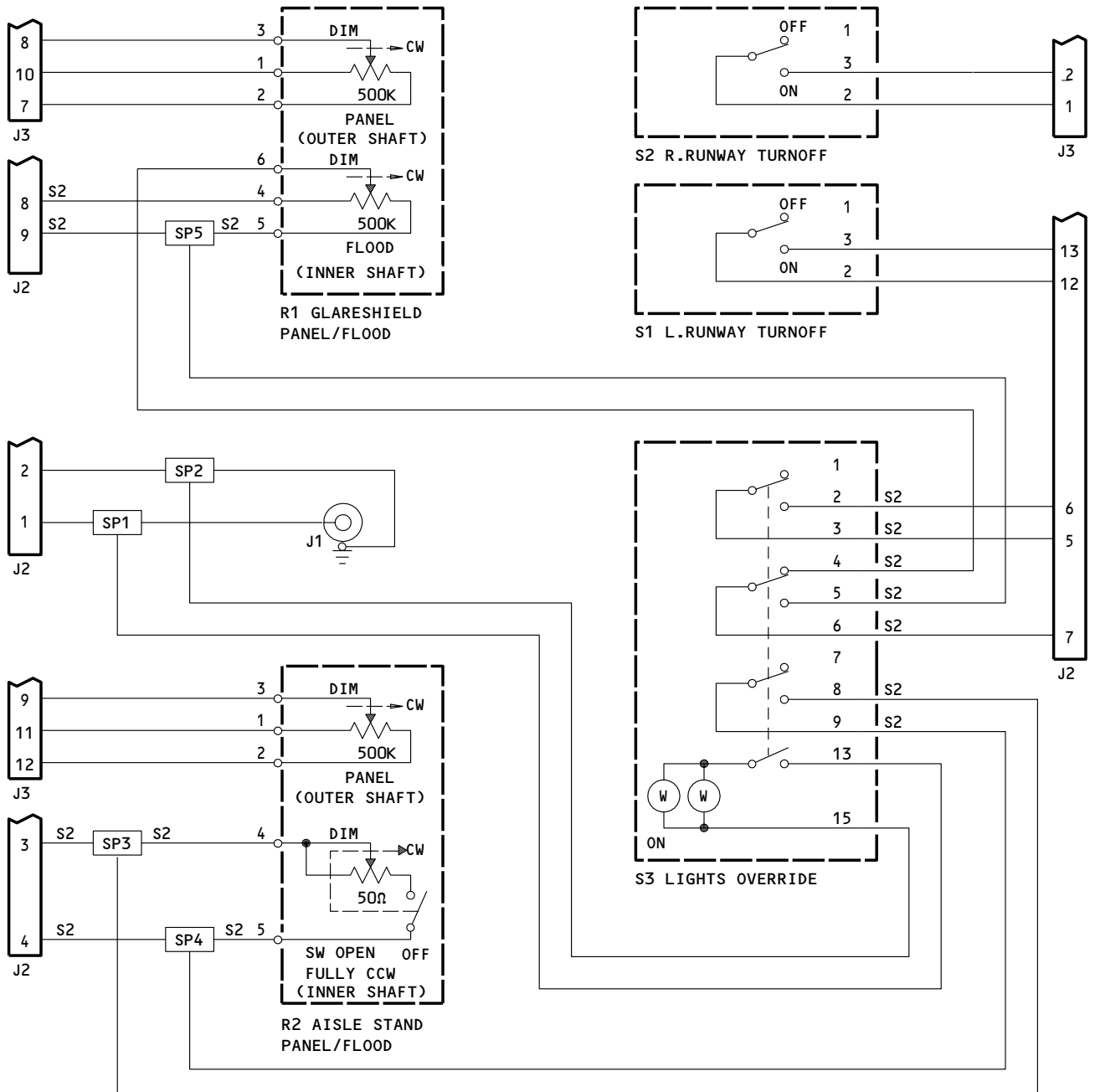


NOTE: ALL WIRES BMS 13-16, TYPE I, CLASS 1, AWG 20 EXCEPT AS SPECIFIED. SEPARATION: ALL WIRES N2 UNLESS NOTED. SEE REPAIR FOR S2, N2 SPACING AND COLOR CODING.

233N3214-22,-26,-28,-29,-34,-38,-303 THRU -305
 233T3100-67,-190,-306

Schematic Diagram
 Figure 103 (Sheet 1)

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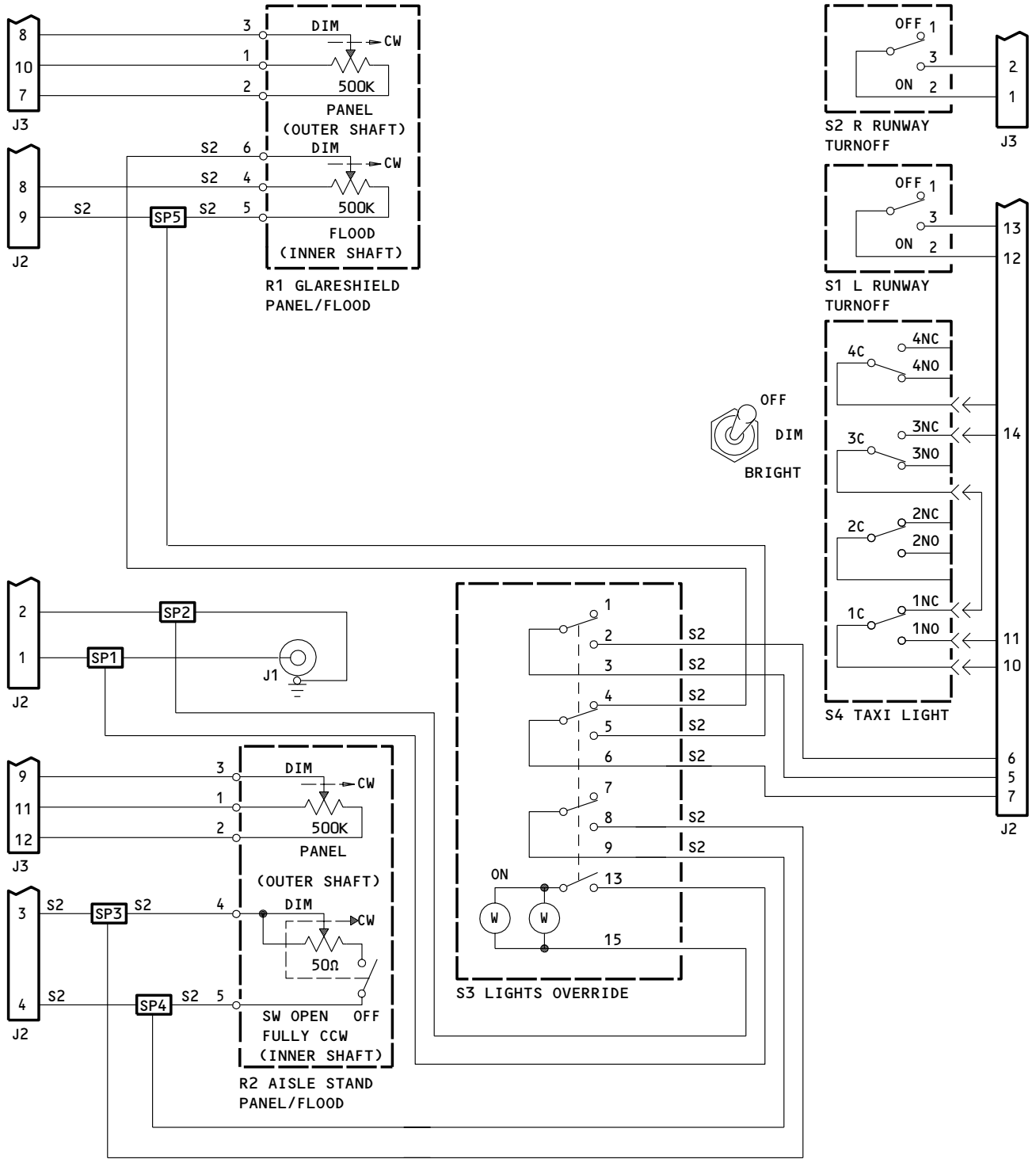


NOTE: ALL WIRES BMS 13-16, TYPE I, CLASS 1, AWG 20 EXCEPT AS SPECIFIED.
 SEPARATION: ALL WIRES N2 UNLESS NOTED. SEE REPAIR FOR S2, N2 SPACING AND COLOR CODING.

233N3214-24,-27,-31,-32,-33,-300,-301,-306
 233T3100-123,-191

Schematic Diagram
 Figure 103 (Sheet 2)

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NOTE: ALL WIRES BMS 13-16, TYPE I, CLASS 1, AWG 20 EXCEPT AS SPECIFIED. SEPARATION: ALL WIRES N2 UNLESS SHOWN DIFFERENTLY. SEE REPAIR FOR S2, N2 SPACING AND COLOR CODING

233N3214-41,-302
 Schematic Diagram
 Figure 103 (Sheet 3)

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REPAIR

1. Materials

A. Varglas non-fray type H0 or HP sleeving, (Varflex Corp., 512 W. Court Street, Rome, New York, 13440)

2. All repairs may be accomplished with the standard industry practices and procedures contained in 20-11-05 except as listed below.

A. When replacing wires, a minimum spacing of 1/4 inch must be maintained between bundle categories labeled in the schematic. Wires labeled N2 may be bundled with wires of any category. Existing spacers (63-9273-2) or Varglas non-fray type H0 or HP sleeving may be used to assure proper spacing. Bundles are color coded as follows: R2 (green), S2 (blue), L2 (red), and N2 (white).

B. When you replace the pushbutton switch series S231T290-XXXX, torque the mounting screws to 16-24 ounce-inches.

C. When you replace the knobs (Fig. 2, items 3, 4; Fig. 3, items 5, 10), set the gap, 0.003 ±0.001 inch, between the knob and the lightplate (Fig. 2, item 5; Fig. 3, item 15) before you tighten.

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REPAIR-GENERAL

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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

Details 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.

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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:

<u>Old Part Number</u>	<u>Interchangeable Part Number</u>
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

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

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

15084 DUPREE INC AEROSPACE KNOB CO DIV
 14395 RAMONA PO BOX 1797
 CHINO, CALIFORNIA 91708-1797
 FORMERLY AEROSPACE KNOB CO DIV OF DUPREE INC
 FORMERLY IN SOUTH EL MONTE, CALIFORNIA

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

34263 CTS CORP IN TEXAS DBA CTS ELECTRONIC CORP
 1100 ROOSEVELT STREET PO BOX 2420
 BROWNSVILLE, TEXAS 78521
 FORMERLY CTS OF BROWNSVILLE INC

51896 SPECTRA LUX CORP
 12335 134TH COURT NE
 REDMOND, WASHINGTON 98052
 FORMERLY IN KIRKLAND, WA

60119 MONADNOCK CO THE
 18301 ARENTH AVENUE
 ROWLAND HEIGHTS, CALIFORNIA 91748-1288
 FORMERLY UNITED CARR FASTENER CORP VB0051 VB0056 VB0076
 FORMERLY TRW ELECTRONIC COMPONENTS CINCH-MONADNOCK DIV
 FORMERLY CINCH-MONADNOCK DIV OF TRW INC V76530
 FORMERLY IN CITY OF INDUSTRY, CALIFORNIA

72794 DFCI SOLUTIONS INC
 425 UNION BLVD
 WEST ISLIP, NEW YORK 11795-3116
 FORMERLY DZUS FASTENER

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ILLUSTRATED PARTS LIST
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VENDORS

72962 HARVARD INDUSTRIES INC
3 WERNER WAY SUITE 210
LEBANON, NEW JERSEY 08833
FORMERLY ESNA V7A079
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

81640 EATON CORP AEROSPACE AND COMMERCIAL CONTROLS DIV
2250 WHITFIELD AVENUE EAST
SARASOTA, FLORIDA 34243-9703
FORMERLY SINGER CO CONTROLS DIV AND CONTROLS CO OF AMERICA
AND CONTROL SWITCH A CUTLER-HAMMER CO AND EATON CORP
CUTLER-HAMMER GROUP V97198, V81641 IN FOLCROFT, PENNSYLVANIA

91929 HONEYWELL INC MICRO SWITCH DIV
11 WEST SPRING STREET
FREEPORT, ILLINOIS 61032
FORMERLY MICRO SWITCH A DIV OF HONEYWELL
FORMERLY V74059 AND V40228

95266 O E C O CORP
4607 SE INTERNATIONAL WAY
MILWAUKIE, OREGON 97222
FORMERLY OSBOURNE ELECTRIC IN PORTLAND, OREGON

96182 EATON CORP AEROSPACE AND COMMERCIAL CONTROLS DIV MSC PROD
1640 MONROVIA
COSTA MESA, CALIFORNIA 92627-4405
FORMERLY MASTER SPECIALITIES CO IN GARDENA, CALIFORNIA

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ILLUSTRATED PARTS LIST
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REFERENCE DESIGNATOR INDEX (SEE SCHEMATIC DIAGRAM)		
REFERENCE DESIGNATOR	PART NUMBER	FIG-ITEM
J1	800-000121-1	1-20
J1	800-000121-1	2-30
J1	800-000121-1	3-30
J2	BACC45FN14-15P6	1-95
J2	BACC45FN14-15P6	2-100
J2	BACC45FN14-15P6	3-115
J3	BACC45FN14-15P8	1-100
J3	BACC45FN14-15P8	2-105
J3	BACC45FN14-15P8	3-120
R1	WA03924A	1-10
R1	WA03924A	2-15
R1	WA03924A	3-21
R2	200-26549-01	1-13
R2	200-26549-01	2-20
R2	200-26549-01	3-23
S1	MS25306-222	1-25
S1	MS25306-222	2-35
S1	MS25306-222	3-35
S2	MS25306-222	1-25
S2	MS25306-222	2-35
S2	MS25306-222	3-35
S3	BCREFA0503	1-15L
S3	BCREFA0503	15M
S3	BCREFA0503	15P
S3	BCREFA0503	15R
S3	BCREFA0503	2-25A
S3	BCREFA0503	25B
S3	BCREFA0503	25D
S3	BCREFA0503	25E
S3	BCREFA0503	25J
S3	BCREFA0503	3-25C
S3	BCREF7604	1-15D
S3	BCREF7604	15N
S3	BCREF7604	2-25C
S3	BCREF7604	3-25B
S3	S231T290-5012	1-15H
S3	S231T290-5012	15J
S3	S231T290-5012	15S
S3	S231T290-5012	15W
S3	S231T290-5012	2-25
S3	S231T290-5012	2-25F
S3	S231T290-5012	25L
S3	S231T290-5012	3-25D
S3	4336731004-4212	1-15U
S3	4336731004-4212	15V

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REFERENCE DESIGNATOR INDEX (SEE SCHEMATIC DIAGRAM)		
REFERENCE DESIGNATOR	PART NUMBER	FIG-ITEM
S3	4336731004-4212	2-25H
S3	4336731004-4212	25K
S3	851-30768-2012	1-15A
S3	851-30768-2012	15E
S3	851-30768-2012	3-25
S3	851-30768-3012	1-15B
S3	851-30768-3012	15F
S3	851-30768-3012	15Q
S3	851-30768-3012	3-25A
S4	A3-1110-01	1-30A
S4	A3-1110-01	2-40A
S4	MS25306-222	1-30
S4	MS25306-222	2-40
S4	MS25306-222	3-40

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
A3-1110-01		1	30A	1
		2	40A	1
A3-1110-01-1		1	30A	1
		2	40A	1
BACB12CB04-5		2	92	2
BACC45FN14-15P6		1	95	1
		2	100	1
		3	115	1
BACC45FN14-15P8		1	100	1
		2	105	1
		3	120	1
BACN10NW1		1	90	4
		1	91	2
		2	95	4
		2	97	2
		3	105	4
		3	110	2
BACN10PA06-6		1	55	3
		2	65	3
		3	65	3
BACS12CB04-5		1	85A	4
		1	86A	2
		2	90A	4
		3	95A	4
		3	100	2
BACS12CB06-5		1	70A	3
		2	75A	3
		3	80A	3
BACS12HN04-5		1	85B	4
		2	90C	4
		2	92B	2

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
BACS12HN06-5		1	70B	3
		2	75C	3
BACS21DX1B		1	50A	3
		2	60A	3
		3	60	3
BACS30EM11		1	30A	1
		2	40A	1
BACW10EC06S		1	75A	3
BACW10EC06S		2	80A	3
BCREFA0503		1	15L	1
		2	25A	1
		3	25C	1
BCREF7604		1	15D	1
		2	25C	1
		3	25B	1
K19798-04		1	90	4
		1	91	2
		2	95	4
		2	97	2
		3	105	4
		3	110	2
MS25306-222		1	25	2
		1	30	1
		2	35	2
		2	40	1
		3	35	2
		3	40	1
MS35338-41		1	75	3
		2	80	3
		3	85	3
NAS1801-04-5		1	85	4
		1	86C	4
		2	90	4
		2	92A	2
		3	95	4

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
NAS1801-06-5		1	70	3
		2	75	3
		3	80	3
NAS514P632-5		1	45	3
		2	55	3
NAS514P632-5 PFSC35-38ASEMB		3	55	3
		1	50A	3
		2	60A	3
RC445-103 RC445-131		3	60	3
		3	5	2
		2	3	2
RMA4812-160-40		3	5B	2
		1	90	4
		1	91	2
SF6G6CBB5D		2	95	4
		2	97	2
		3	105	4
		3	110	2
		1	55	3
		2	65	3
S231T290-1012		3	65	3
		1	15D	1
		2	25C	1
S231T290-2012		3	25B	1
		1	15A	1
		3	25	1
S231T290-3012		3	25	1
		1	15B	1
		3	25A	1
S231T290-4012		1	15L	1
		2	25A	1
		3	25C	1
S231T290-5012		1	15H	1
		2	25	1
S231T290-5012 S233T100-6003		3	25D	1
		2	5D	1
		3	15A	1
S233T100-6016		2	5E	1
		3	15	1
		2	5A	1
S233T100-6066 TT410-101		2	4A	2
		3	10	2
		2	4	2
TT410-106		3	10B	2
		1	10	1
		2	15	1
WA03924A		3	21	1

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
200-26549-01		1	13	1
		2	20	1
		3	23	1
233N3214-16		1	40	1
		2	50	1
		3	50	1
233N3214-17		1	65	1
		2	70A	1
		3	75	1
233N3214-19		1	35	1
		2	45	1
		3	45	1
233N3214-20		1	60	1
		2	70	1
		3	70	1
233N3214-22		1	1	RF
		3	20	1
233N3214-23		1	110	1
		2	115	1
		3	130	1
233N3214-24		1	5	RF
		3	20A	1
233N3214-25		1	115A	1
		2	115A	1
		3	135	1
233N3214-26		1	1A	RF
233N3214-26		3	20B	1
233N3214-27		1	1B	RF
		3	20C	1
233N3214-28		1	5A	RF
		3	20D	1
233N3214-29		1	1C	RF
		2	10D	RF
233N3214-300		1	5H	RF
		2	1A	RF
233N3214-301		1	5J	RF
		2	1B	RF
233N3214-302		1	5K	RF
		2	1C	RF
233N3214-303		1	5L	RF
		2	1D	RF
233N3214-304		1	5M	RF
		2	1E	RF
233N3214-305		1	5N	RF
		2	1F	RF

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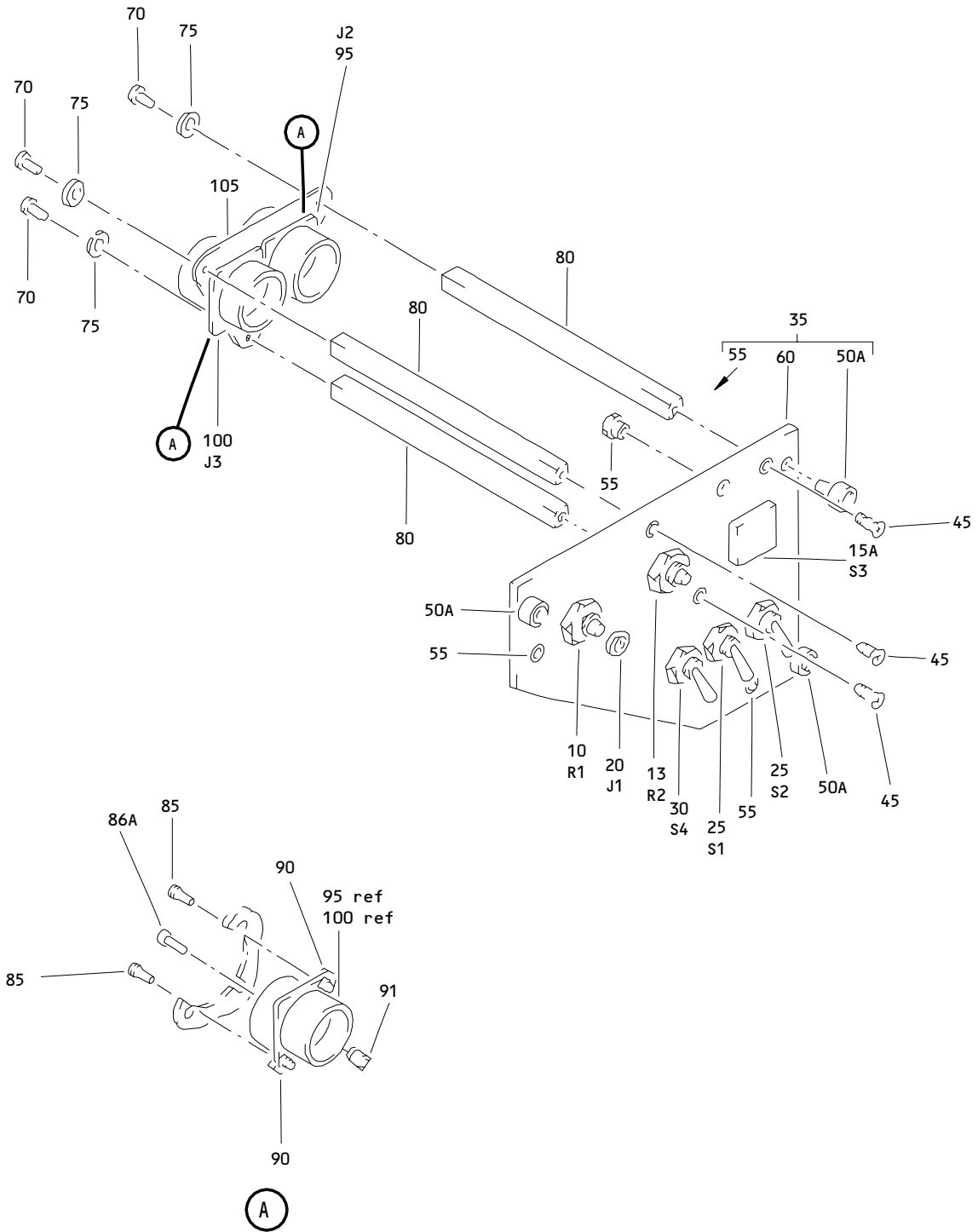
PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
233N3214-306		1	5P	RF
		2	1G	RF
233N3214-31		1	5B	RF
		2	10	RF
233N3214-32		1	5E	RF
		2	10A	RF
233N3214-33		1	5C	RF
		2	10E	RF
233N3214-35		2	10F	RF
233N3214-41		1	5G	RF
		2	10B	RF
233N3214-42		1	115B	1
		2	115B	1
233N3250-34		1	105	1
		2	110	1
		3	125	1
233T3100-123		1	5R	RF
		3	1B	RF
233T3100-190		1	5S	RF
		3	1C	RF
233T3100-191		1	5T	RF
		3	1D	RF
233T3100-306		1	5U	RF
		3	1E	RF
233T3100-67		1	5Q	RF
233T3100-67		3	1A	RF
293162		1	90	4
		1	91	2
		2	95	4
		2	97	2
		3	105	4
		3	110	2

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
433-673-1001-1012		1	15D	1
		2	25C	1
		3	25B	1
433-673-1004-4012		1	15L	1
		2	25A	1
		3	25C	1
4336731004-4212		1	15U	1
		2	25H	1
64AT11-1		1	30A	1
		2	40A	1
64AT22-1		1	30A	1
		2	40A	1
69B46200-14		1	80	3
		2	85	3
		3	90	3
800-000121-1		1	20	1
		2	30	1
		3	30	1
800-000922		2	5E	1
		3	15	1
800-001279		2	5D	1
		3	15A	1
851-30768-2012		1	15A	1
		3	25	1
		1	15B	1
851-30768-3012		3	25A	1

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M10056 Lighting Control Panel Assembly
 Figure 1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -1	233N3214-22		PANEL ASSY-M10056 LIGHTING CONT	A	RF
-1A	233N3214-26		PANEL ASSY-M10056 LIGHTING CONT	C	RF
-1B	233N3214-27		PANEL ASSY-M10056 LIGHTING CONT	D	RF
-1C	233N3214-29		PANEL ASSY-M10056 LIGHTING CONT	H	RF
-5	233N3214-24		PANEL ASSY-M10056 LIGHTING CONT	B	RF
-5A	233N3214-28		PANEL ASSY-M10056 LIGHTING CONT	E	RF
-5B	233N3214-31		PANEL ASSY-M10056 LIGHTING CONT	F	RF
-5C	233N3214-33		PANEL ASSY-M10056 LIGHTING CONT	G	RF
-5D	233N3214-34		PANEL ASSY-M10056 LIGHTING CONT	J	RF
-5E	233N3214-32		PANEL ASSY-M10056 LIGHTING CONT	K	RF
-5F	233N3214-38		DELETED		
-5G	233N3214-41		PANEL ASSY-M10056 LIGHTING CONT	M	RF
-5H	233N3214-300		PANEL ASSY-M10056 LIGHTING CONT	N	RF
-5J	233N3214-301		(FOR DETAILS SEE FIG. 2) PANEL ASSY-M10056 LIGHTING CONT	P	RF
-5K	233N3214-302		(FOR DETAILS SEE FIG. 2) PANEL ASSY-M10056 LIGHTING CONT	Q	RF
-5L	233N3214-303		(FOR DETAILS SEE FIG. 2) PANEL ASSY-M10056 LIGHTING CONT	R	RF
-5M	233N3214-304		(FOR DETAILS SEE FIG. 2) PANEL ASSY-M10056 LIGHTING CONT	S	RF
-5N	233N3214-305		(FOR DETAILS SEE FIG. 2) PANEL ASSY-M10056 LIGHTING CONT	T	RF
-5P	233N3214-306		(FOR DETAILS SEE FIG. 2) PANEL ASSY-M10056 LIGHTING CONT	L	RF

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-5Q	233T3100-67		PANEL ASSY-M10056 LIGHTING CONT L (FOR DETAILS SEE FIG. 3)	U	RF
R -5R	233T3100-123		PANEL ASSY-M10056 LIGHTING CONT L (FOR DETAILS SEE FIG. 3)	V	RF
R -5S	233T3100-190		PANEL ASSY-M10056 LIGHTING CONT L (FOR DETAILS SEE FIG. 3)	W	RF
R -5T	233T3100-191		PANEL ASSY-M10056 LIGHTING CONT L (FOR DETAILS SEE FIG. 3)	X	RF
R -5U	233T3100-306		PANEL ASSY-M10056 LIGHTING CONT L (FOR DETAILS SEE FIG. 3)	Y	RF
10	WA03924A		.RHEOSTAT- (V34263) (R1)	A-K,M	1
13	200-26549-01		.RESISTOR ASSY-VAR (V95266) (R2)	A-K,M	1
15	851-30768-1012		DELETED		
15A	851-30768-2012		.SWITCH-LIGHTED PUSH BUTTON IND (ON) (V96182) (S3) (SPEC S231T290-2012)	A	1
R -15B	851-30768-3012		.SWITCH-PUSH BUTTON IND (V96182) (S3) (SPEC S231T290-3012)	C,D	1
-15C	851-30768-1012		DELETED		
-15D	BCREF7604		.SWITCH-PUSH BUTTON IND (V81590) (S3) (433-673-1001-1012) (SPEC S231T290-1012)	C,D	1
-15E	851-30768-2012		.SWITCH-LIGHTED PUSH BUTTON IND (ON) (V96182) (S3) (SPEC S231T290-2012)	B	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -15F	851-30768-3012		.SWITCH-LIGHTED PUSH BUTTON IND (ON) (V96182) (S3) (SPEC S231T290-3012)	B	1
-15G	S231T290-4012		DELETED		
-15H	S231T290-5012		.SWITCH-PUSH BUTTON (S3) (OPT ITEM 15L)	M	1
-15J	S231T290-5012		.SWITCH-PUSH BUTTON (S3) (OPT ITEM 15Q)	G	1
-15K	S231T290-4012		DELETED		
-15L	BCREFA0503		.SWITCH-LIGHTED PUSH BUTTON (WHEN REPLACING THE PUSHBUTTON SWITCH ASSY OR THE MASTER MODULE WITHIN, VERIFY THAT A CONFIG D MASTER MODULE P/N 13206-001 IS INSTALLED IN LIEU OF ANY EARLIER CONFIGURATION MASTER MODULES.) (V81590) (433-673-1004-4012) (S3) (SPEC S231T290-4012) (OPT ITEM 15H)	M	1
-15M	BCREFA0503		.SWITCH-LIGHTED PUSH BUTTON (WHEN REPLACING THE PUSHBUTTON SWITCH ASSY OR THE MASTER MODULE WITHIN, VERIFY THAT A CONFIG D MASTER MODULE P/N 13206-001 IS INSTALLED IN LIEU OF ANY EARLIER CONFIGURATION MASTER MODULES.) (V81590) (433-673-1004-4012) (S3) (SPEC S231T290-4012)	H,K	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -15N	BCREF7604		.SWITCH-PUSH BUTTON IND (V81590) (S3) (433-673-1001-1012) (SPEC S231T290-1012)	H,K	1
-15P	BCREFA0503		.SWITCH-LIGHTED PUSH BUTTON (WHEN REPLACING THE PUSHBUTTON SWITCH ASSY OR THE MASTER MODULE WITHIN, VERIFY THAT A CONFIG D MASTER MODULE P/N 13206-001 IS INSTALLED IN LIEU OF ANY EARLIER CONFIGURATION MASTER MODULES.) (V81590) (433-673-1004-4012) (S3) (SPEC S231T290-4012) (OPT ITEM 15W)	J	1
-15Q	851-30768-3012		.SWITCH-LIGHTED PUSH BUTTON IND (ON) (V96182) (S3) (SPEC S231T290-3012) (OPT ITEM 15J)	G	1
-15R	BCREFA0503		.SWITCH-LIGHTED PUSH BUTTON (WHEN REPLACING THE PUSHBUTTON SWITCH ASSY OR THE MASTER MODULE WITHIN, VERIFY THAT A CONFIG D MASTER MODULE P/N 13206-001 IS INSTALLED IN LIEU OF ANY EARLIER CONFIGURATION MASTER MODULES.) (V81590) (433-673-1004-4012) (S3) (SPEC S231T290-4012) (OPT ITEMS 15S)	E,F	1
-15S	S231T290-5012		.SWITCH-PUSH BUTTON (S3) (OPT ITEMS 15R)	E,F	1
-15T	851-35100-5012		DELETED		

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -15U	4336731004-4212		.SWITCH-LIGHTED PUSHBUTTON IND (V81590) (S3)	H,K	1
-15V	4336731004-4212		.SWITCH-LIGHTED PUSHBUTTON IND (V81590) (S3) (OPT ITEM 15W)	J	1
-15W	S231T290-5012		.SWITCH-LIGHTED PUSH BUTTON IND (S3) (OPT ITEMS 15P, 15V)	J	1
-15X	BCREFA0503		DELETED		
-15Y	BCREF7604		DELETED		
-15Z	4336731004-4212		DELETED		
20	800-000121-1		.CONNECTOR-PWR (V05617) (J1)	A-K,M	1
20A	800000121-1		DELETED		
25	MS25306-222		.SWITCH- (S1, S2)	A-K,M	2
30	MS25306-222		.SWITCH- (S4)	A,C,E H,J	1
-30A	A3-1110-01		.SWITCH- (V81640) (SPEC BACS30EM11) (OPT 64AT11-1 (V91929)) (OPT A3-1110-01-1 (V81640)) (OPT 64AT22-1 (V91929)) (S4)	M	1
35	233N3214-19		.BASEPLATE ASSY	A,C,E H,J, M	1
-40	233N3214-16		.BASEPLATE ASSY	B,D,F G,K	1
-42	233N3214-39		DELETED		
45	NAS514P632-5		ATTACHING PARTS .SCREW -----*-----	A-K,M	3
50	DBMB1400-6A1		DELETED		

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-50A	PFSC35-38ASEMB		..STUD- (V72794) (SPEC BACS21DX1B)	A-K,M	3
55	SF6G6CBB5D		..NUT- (V12324) (SPEC BACN10PA06-6)	A-K,M	3
60	233N3214-20		..BASEPLATE	A,C,E H,J, M	1
-65	233N3214-17		..BASEPLATE	B,D,F G,K	1
-67	233N3214-40		DELETED		
70	NAS1801-06-5		.SCREW	E-G,M	3
-70A	BACS12CB06-5		.SCREW	A-D	3
-70B	BACS12HN06-5		.SCREW	H	3
-70C	NAS1801-06-5		.SCREW- (OPT ITEM 70D)	J,K	3
-70D	BACS12HN06-5		.SCREW- (OPT ITEM 70C)	J,K	3
-70E	BACS12HN06-5		.SCREW- (OPT ITEM 70D)	J,K	3
75	MS35338-41		.WASHER	A-G,M	3
-75A	BACW10EC06S		.WASHER	H,J,K	3
80	69B46200-14		.STANDOFF	A-K,M	3
85	NAS1801-04-5		.SCREW	E-G,M	4
-85A	BACS12CB04-5		.SCREW	A-D	4
-85B	BACS12HN04-5		.SCREW	H	4
-85C	NAS1801-04-5		.SCREW- (OPT ITEM 85D)	J,K	4
-85D	BACS12HN04-5		.SCREW- (OPT ITEM 85C)	J,K	4
86	NAS1801-04-5		DELETED		

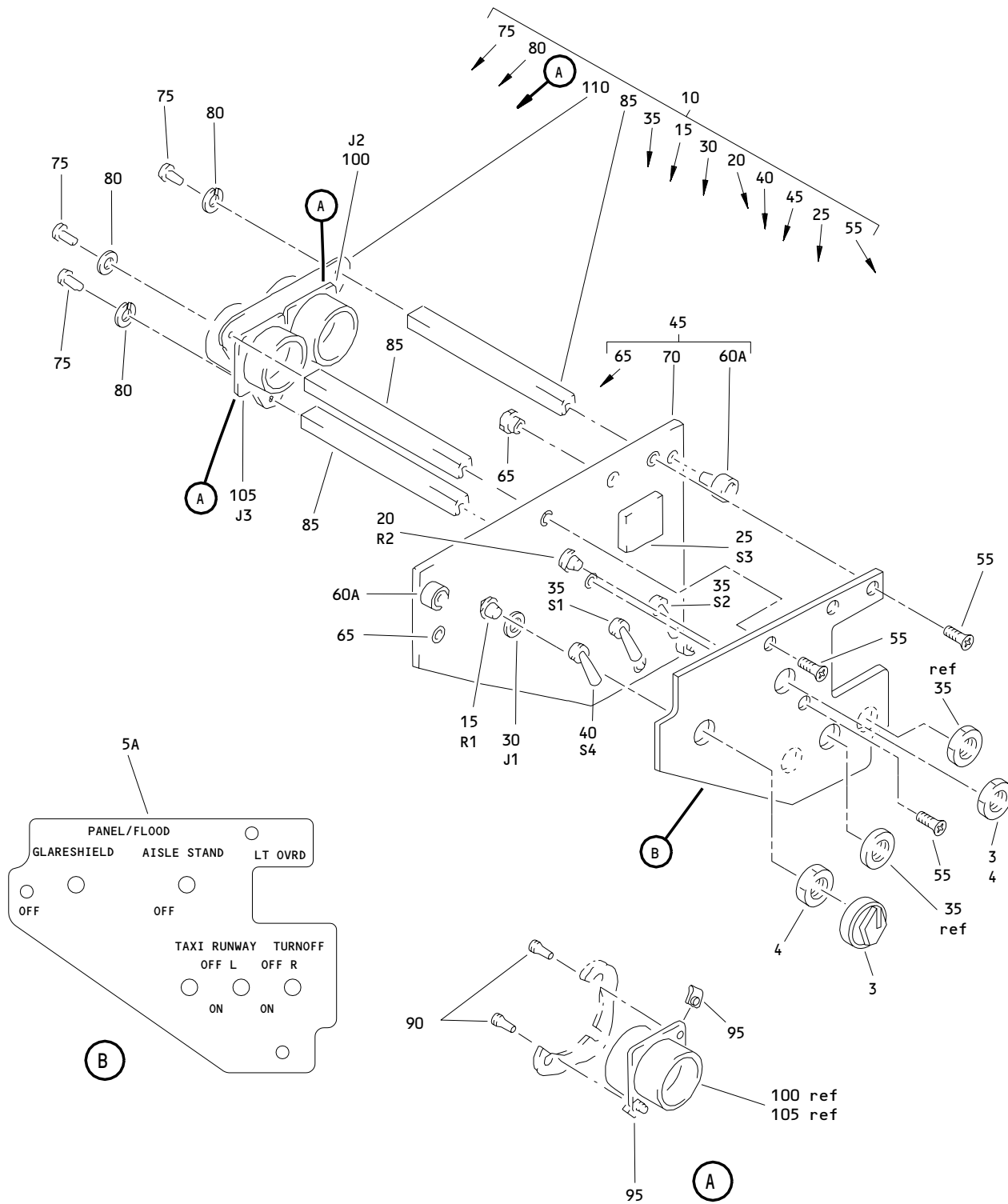
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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
86A	BACS12CB04-5		.SCREW	A-D	2
-86B	BACS12CB04-5		.SCREW- (OPT ITEM 86C)	J	2
-86C	NAS1801-04-5		.SCREW- (OPT ITEM 86B)	J	4
90	K19798-04		.NUT- (V15653) (SPEC BACN10NW1) (OPT RMA4812-160-40 (V72962)) (OPT 293162 (V60119))	A-K,M	4
91	K19798-04		.NUT- (V15653) (SPEC BACN10NW1) (OPT RMA4812-160-40 (V72962)) (OPT 293162 (V60119))	A-D,J	2
95	BACC45FN14-15P6		.CONNECTOR- (J2)	A-K,M	1
100	BACC45FN14-15P8		.CONNECTOR- (J3)	A-K,M	1
105	233N3250-34		.BRACKET-CONN.	A-K,M	1
-110	233N3214-23		.WIRE BUNDLE ASSY	A,C,E H,J	1
-115	233N3214-18		DELETED		
-115A	233N3214-25		.WIRE BUNDLE ASSY	B,D,F G,K	1
-115B	233N3214-42		.WIRE BUNDLE ASSY	M	1

- Item Not Illustrated

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Lighting Control Panel Assembly, M10056
 Figure 2

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02-					
-1A	233N3214-300		PANEL ASSY-M10056 LIGHTING CONT	N	RF
-1B	233N3214-301		PANEL ASSY-M10056 LIGHTING CONT	P	RF
-1C	233N3214-302		PANEL ASSY-M10056 LIGHTING CONT	Q	RF
-1D	233N3214-303		PANEL ASSY-M10056 LIGHTING CONT	R	RF
-1E	233N3214-304		PANEL ASSY-M10056 LIGHTING CONT	S	RF
-1F	233N3214-305		PANEL ASSY-M10056 LIGHTING CONT	T	RF
-1G	233N3214-306		PANEL ASSY-M10056 LIGHTING CONT	L	RF
3	RC445-131		.KNOB- (V15084)	L,N-T	2
4	TT410-106		.KNOB- (V15084)	L,T	2
-4A	TT410-101		.KNOB- (V15084)	N-S	2
5	S233T100-6003		DELETED		
5A	S233T100-6066		.LIGHTPLATE-LIGHTS, L SIDE (V51896) (OPT (V05617), (V98140))	Q	1
-5B	S233T100-6016		DELETED		
-5C	S233T100-6003		DELETED		
-5D	800-001279		.LIGHTPLATE-LIGHTS, L SIDE (V05617) (SPEC S233T100-6003) (OPT S233T100-6003 (V51896))	L,N,P	1
-5E	800-000922		.LIGHTPLATE-LIGHTS, L SIDE (V05617) (SPEC S233T100-6016) (OPT S233T100-6016 (V51896))	R-T	1
10	233N3214-31		.PANEL ASSY- (233N3214-24, -27, -31, -32, -33 ARE ALL INTERCHANGEABLE EXCEPT SUBJECT TO CUSTOMER PREFERENCE)	N	RF

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02- -10A	233N3214-32		.PANEL ASSY- (233N3214-24, -27, -31, -32, -33 ARE ALL INTERCHANGEABLE EXCEPT SUBJECT TO CUSTOMER PREFERENCE)	P	RF
-10B	233N3214-41		.PANEL ASSY	Q	RF
-10D	233N3214-29		.PANEL ASSY- (233N3214-22, -26, -28, -29 ARE ALL INTERCHANGEABLE EXCEPT SUBJECT TO CUSTOMER PREFERENCE)	S	RF
-10E	233N3214-34		.PANEL ASSY- (233N3214-28 I/W -34 EXCEPT SUBJECT TO CUSTOMER PREFERENCE)	T	RF
-10F 15	233N3214-35 WA03924A		.PANEL ASSY ..RHEOSTAT- (V34263) (R1)	L L,N-T	RF 1
20	200-26549-01		..RESISTOR ASSY-VAR (V95266) (R2)	N-T	1
25	S231T290-5012		..SWITCH-PUSH BUTTON (S3) (OPT ITEM 25A)	Q	1
-25A	BCREFA0503		..SWITCH-LIGHTED PUSH BUTTON (WHEN REPLACING THE PUSHBUTTON SWITCH ASSY OR THE MASTER MODULE WITHIN, VERIFY THAT A CONFIG D MASTER MODULE P/N 13206-001 IS INSTALLED IN LIEU OF ANY EARLIER CONFIGURATION MASTER MODULES.) (V81590) (433-673-1004-4012) (S3) (SPEC S231T290-4012) (OPT ITEM 25)	Q	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02- -25B	BCREFA0503		.SWITCH-LIGHTED PUSH BUTTON (WHEN REPLACING THE PUSHBUTTON SWITCH ASSY OR THE MASTER MODULE WITHIN, VERIFY THAT A CONFIG D MASTER MODULE P/N 13206-001 IS INSTALLED IN LIEU OF ANY EARLIER CONFIGURATION MASTER MODULES.) (V81590) (433-673-1004-4012) (S3) (SPEC S231T290-4012)	P,S	1
-25C	BCREF7604		..SWITCH-PUSH BUTTON IND (V81590) (S3) (433-673-1001-1012) (SPEC S231T290-1012)	P,S	1
-25D	BCREFA0503		..SWITCH-LIGHTED PUSH BUTTON (WHEN REPLACING THE PUSHBUTTON SWITCH ASSY OR THE MASTER MODULE WITHIN, VERIFY THAT A CONFIG D MASTER MODULE P/N 13206-001 IS INSTALLED IN LIEU OF ANY EARLIER CONFIGURATION MASTER MODULES.) (V81590) (433-673-1004-4012) (S3) (SPEC S231T290-4012)	L	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02- -25E	BCREFA0503		..SWITCH-LIGHTED PUSH BUTTON (WHEN REPLACING THE PUSHBUTTON SWITCH ASSY OR THE MASTER MODULE WITHIN, VERIFY THAT A CONFIG D MASTER MODULE AEN 13206-001 IS INSTALLED IN LIEU OF ANY EARLIER CONFIGURATION MASTER MODULES.) (V81590) (433-673-1004-4012) (S3) (SPEC S231T290-4012) (OPT ITEMS 25F)	N,R	1
-25F	S231T290-5012		..SWITCH-PUSH BUTTON (S3) (OPT ITEMS 25E)	N,R	1
-25G	851-35100-5012		DELETED		
-25H	4336731004-4212		..SWITCH-LIGHTED PUSH BUTTON IND (V81590) (S3)	P,S	1
-25J	BCREFA0503		..SWITCH-LIGHTED PUSH BUTTON (WHEN REPLACING THE PUSHBUTTON SWITCH ASSY OR THE MASTER MODULE WITHIN, VERIFY THAT A CONFIG D MASTER MODULE P/N 13206-001 IS INSTALLED IN LIEU OF ANY EARLIER CONFIGURATION MASTER MODULES.) (V81590) (433-673-1004-4012) (S3) (SPEC S231T290-4012) (OPT ITEM 25L)	T	1
-25K	4336731004-4212		..SWITCH-LIGHTED PUSH BUTTON IND (V81590) (S3) (OPT ITEM 25L)	T	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02- -25L	S231T290-5012		..SWITCH-LIGHTED PUSH BUTTON (S3) (OPT ITEMS 25J, 25K)	T	1
30	800-000121-1		..CONNECTOR-PWR (V05617) (J1)	L,N-T	1
35	MS25306-222		..SWITCH- (S1, S2)	L,N-T	2
40	MS25306-222		..SWITCH- (S4)	R-T	1
-40A	A3-1110-01		..SWITCH- (V81640) (SPEC BACS30EM11) (OPT 64AT11-1 (V91929)) (OPT A3-1110-01-1 (V81640)) (OPT 64AT22-1 (V91929)) (S4)	Q	1
45	233N3214-19		..BASEPLATE ASSY	Q-T	1
-50	233N3214-16		..BASEPLATE ASSY ATTACHING PARTS	L,N,P	1
55	NAS514P632-5		..SCREW -----*-----	L,N-T	3
60 60A	DBMB1400-6A1 PFSC35-38ASEMB		DELETED ...STUD- (V72794) (SPEC BACS21DX1B)	L,N-T	3
65	SF6G6CBB5D		...NUT- (V12324) (SPEC BACN10PA06-6)	L,N-T	3
70	233N3214-20		...BASEPLATE	Q-T	1
-70A	233N3214-17		...BASEPLATE	L,N,P	1
75	NAS1801-06-5		..SCREW	N,Q,R	3
-75A	BACS12CB06-5		..SCREW	L	3
-75B	NAS1801-06-5		..SCREW- (OPT ITEM 75C)	P,T	3
-75C	BACS12HN06-5		..SCREW- (OPT ITEM 75B)	P,T	3
-75D	BACS12HN06-5		..SCREW	S	3
80	MS35338-41		..WASHER	L,N,Q	3
-80A	BACW10EC06S		..WASHER	R S,T	3

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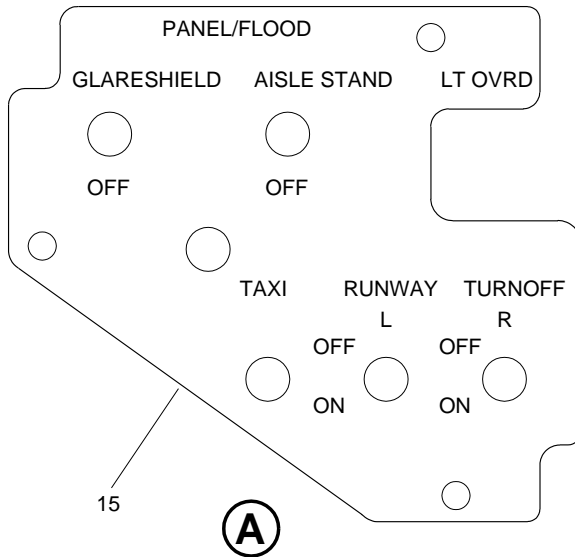
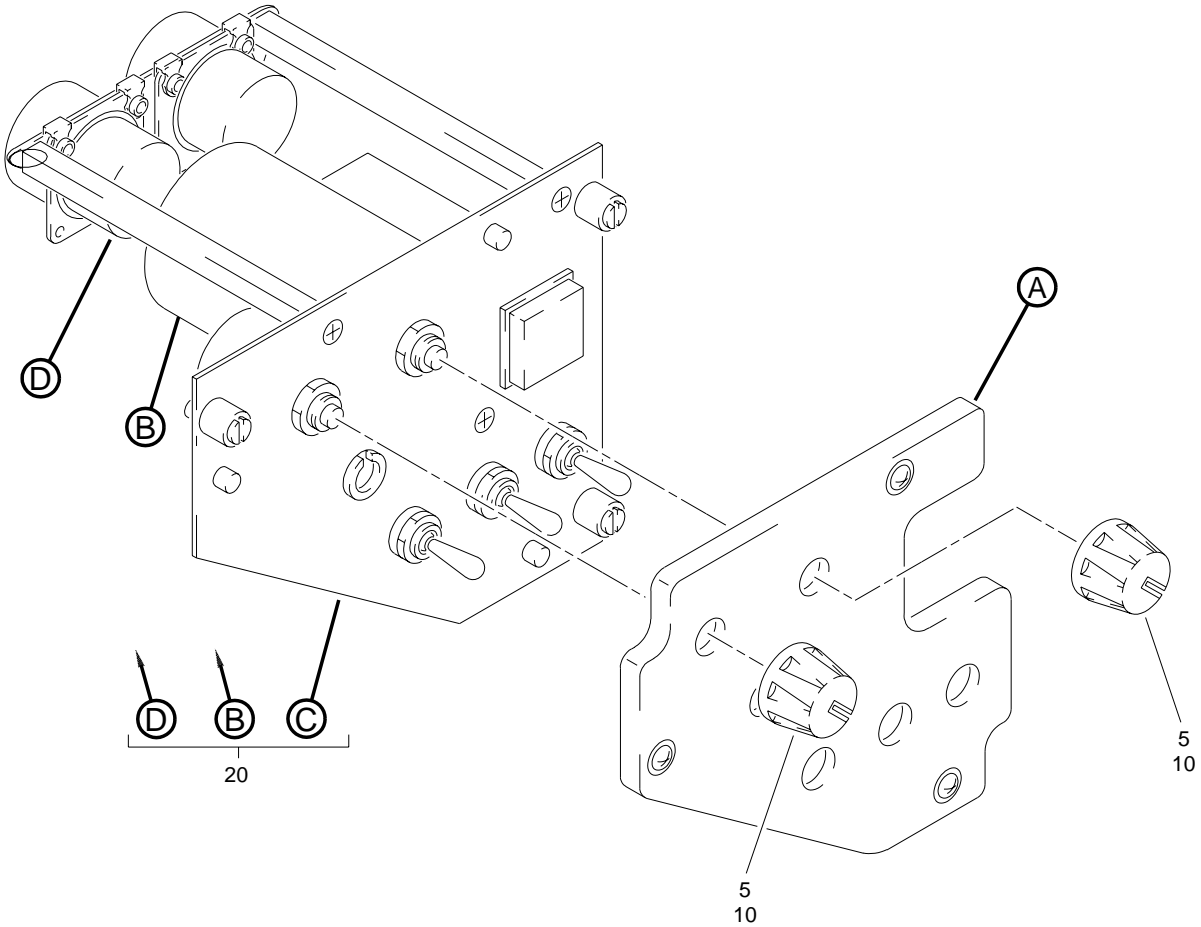
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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02-					
-80B	BACW10EC06S		..WASHER	P	3
85	69B46200-14		..STANDOFF	L,N-T	3
90	NAS1801-04-5		..SCREW	N,Q,R	4
-90A	BACS12CB04-5		..SCREW	L	4
-90B	NAS1801-04-5		..SCREW- (OPT ITEM 90C)	P,T	4
-90C	BACS12HN04-5		..SCREW- (OPT ITEM 90B)	P,T	4
-90D	BACS12HN04-5		..SCREW	S	4
92	BACB12CB04-5		..SCREW	L	2
-92A	NAS1801-04-5		..SCREW- (OPT ITEM 92B)	T	2
-92B	BACS12HN04-5		..SCREW- (OPT ITEM 92A)	T	2
95	K19798-04		..NUT- (V15653) (SPEC BACN10NW1) (OPT RMA4812-160-40 (V72962)) (OPT 293162 (V60119))	L,N-T	4
97	K19798-04		..NUT- (V15653) (SPEC BACN10NW1) (OPT RMA4812-160-40 (V72962)) (OPT 293162 (V60119))	L,T	2
100	BACC45FN14-15P6		..CONNECTOR- (J2)	L,N-T	1
105	BACC45FN14-15P8		..CONNECTOR- (J3)	L,N-T	1
110	233N3250-34		..BRACKET-CONN.	L,N-T	1
-115	233N3214-23		..WIRE BUNDLE ASSY	R-T	1
-115A	233N3214-25		..WIRE BUNDLE ASSY	L,N,P	1
-115B	233N3214-42		..WIRE BUNDLE ASSY	Q	1

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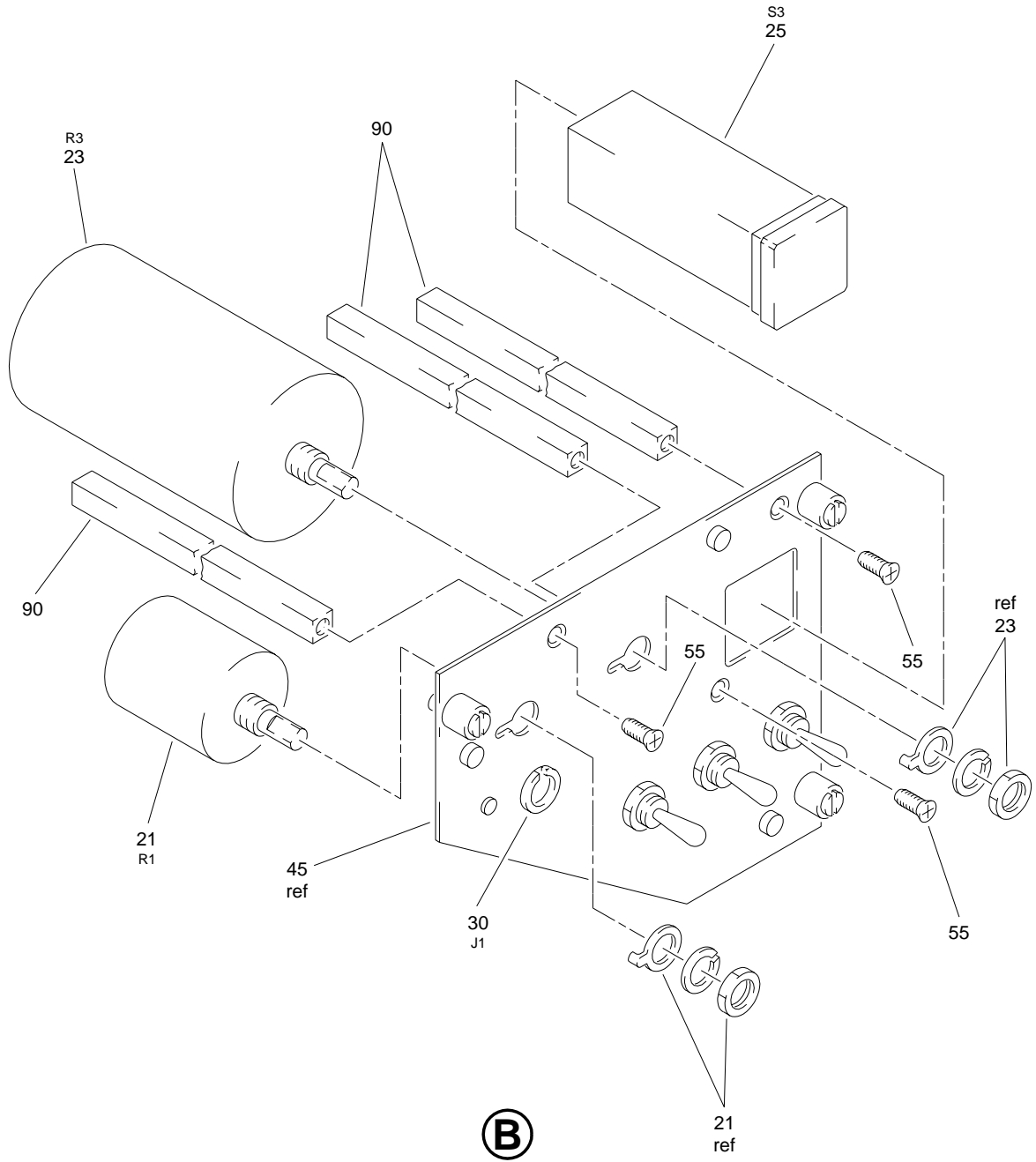
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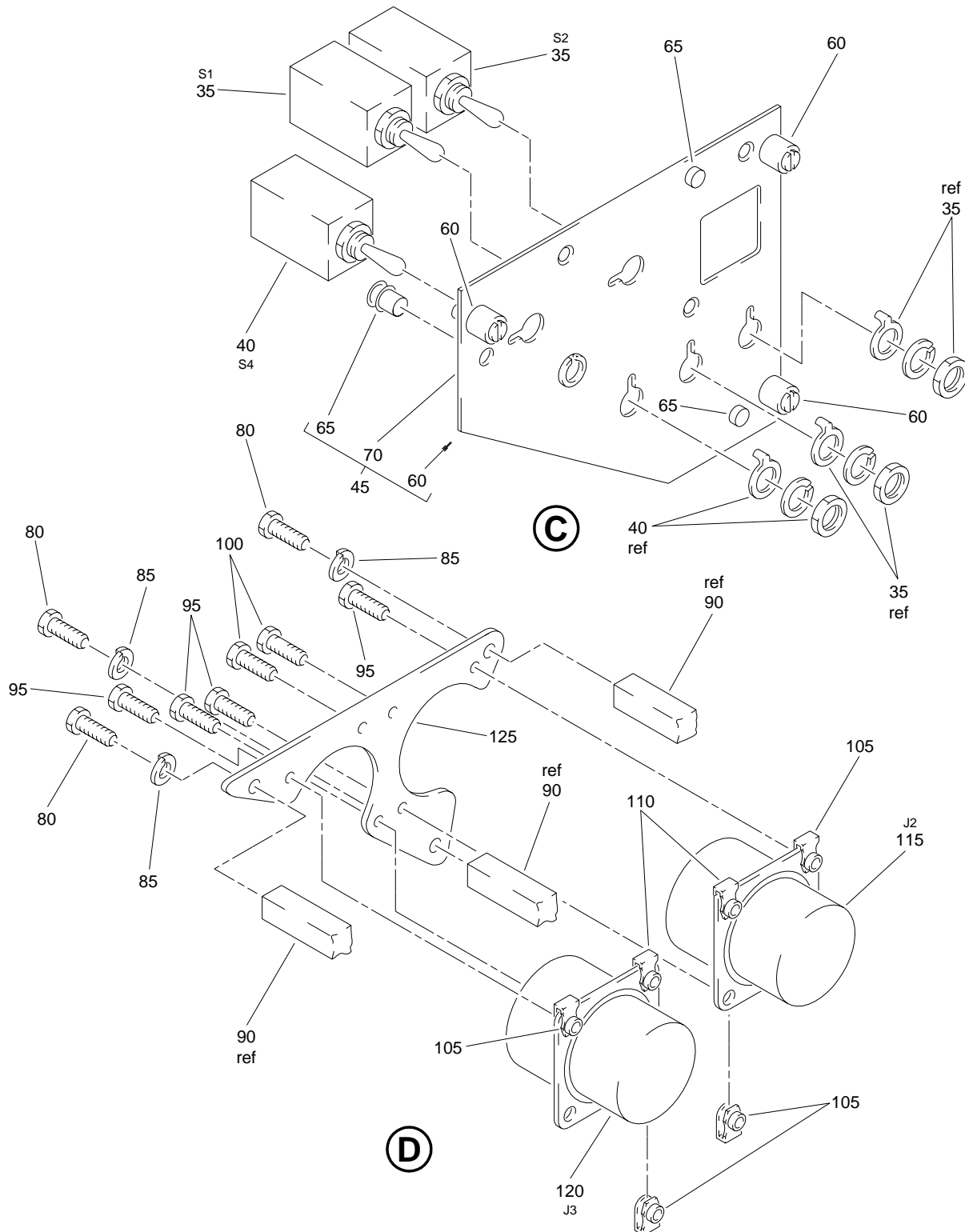
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Lighting Control Panel Assembly, M10056
 Figure 3 (Sheet 3)

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 03-1A	233T3100-67		PANEL ASSY-M10056 LIGHTING CONT L	U	RF
R -1B	233T3100-123		PANEL ASSY-M10056 LIGHTING CONT L	V	RF
R -1C	233T3100-190		PANEL ASSY-M10056 LIGHTING CONT L	W	RF
R -1D	233T3100-191		PANEL ASSY-M10056 LIGHTING CONT L	X	RF
R -1E	233T3100-306		PANEL ASSY-M10056 LIGHTING CONT L	Y	RF
R 5	RC445-103		.KNOB- (V15084)	U-X	2
R -5A	RC445-103		.KNOB- (V15084) (OPT ITEM 5B)	Y	2
R -5B	RC445-131		.KNOB- (V15084) (OPT ITEM 5A)	Y	2
R 10	TT410-101		.KNOB- (V15084)	U-X	2
R -10A	TT410-101		.KNOB- (V15084) (OPT ITEM 10B)	Y	2
R -10B	TT410-106		.KNOB- (V15084) (OPT ITEM 10A)	Y	2
R 15	800-000922		.LIGHTPLATE- (V05617) (SPEC S233T100-6016) (OPT S233T100-6016 (V51896))	U,W,Y	1
R -15A	800-001279		.LIGHTPLATE- (V05617) (SPEC S233T100-6003) (OPT S233T100-6003 (V51896))	V,X	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
	03-				
R	20	233N3214-22	.PANEL ASSY	U	1
R	-20A	233N3214-24	.PANEL ASSY	V	1
R	-20B	233N3214-26	.PANEL ASSY	W	1
R	-20C	233N3214-27	.PANEL ASSY	X	1
R	-20D	233N3214-28	.PANEL ASSY	Y	1
R	21	WA03924A	..RHEOSTAT- (V34263) (R1)	U-Y	1
R	23	200-26549-01	..RESISTOR ASSY- (V95266) (R2)	U-Y	1
R	25	851-30768-2012	..SWITCH-LIGHTED PUSH BUTTON IND (ON) (V96182) (S3) (SPEC S231T290-2012)	U,V	1
R	-25A	851-30768-3012	..SWITCH-PUSH BUTTON IND (V96182) (S3) (SPEC S231T290-3012)	V-X	1
R	-25B	BCREF7604	..SWITCH-PUSH BUTTON IND (V81590) (S3) (433-673-1001-1012) (SPEC S231T290-1012)	W,X	1
R	-25C	BCREFA0503	..SWITCH-LIGHTED PUSH BUTTON (WHEN REPLACING THE PUSHBUTTON SWITCH ASSY OR THE MASTER MODULE WITHIN, VERIFY THAT A CONFIG D MASTER MODULE P/N 13206-001 IS INSTALLED IN LIEU OF ANY EARLIER CONFIGURATION MASTER MODULES.) (V81590) (433-673-1004-4012) (S3) (SPEC S231T290-4012)	Y	1
R	-25D	S231T290-5012	..SWITCH-PUSH BUTTON (S3)	Y	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 03-30	800-000121-1		..CONNECTOR-PWR (V05617) (J1)	U-Y	1
R 35	MS25306-222		..SWITCH- (S1, S2)	U-Y	2
R 40	MS25306-222		..SWITCH- (S4)	U,W,Y	1
R 45	233N3214-19		..BASEPLATE ASSY	U,W,Y	1
R -50	233N3214-16		..BASEPLATE ASSY ATTACHING PARTS	V,X	1
R 55	NAS514P632-5		..SCREW -----*-----	U-Y	3
R 60	PFSC35-38ASEMB		...STUD- (V72794) (SPEC BACS21DX1B)	U-Y	3
R 65	SF6G6CBB5D		...NUT- (V12324) (SPEC BACN10PA06-6)	U-Y	3
R 70	233N3214-20		...BASEPLATE	U,W,Y	1
R -75	233N3214-17		...BASEPLATE	V,X	1
R 80	NAS1801-06-5		..SCREW	U-X	3
R -80A	BACS12CB06-5		..SCREW	U-X	3
R 85	MS35338-41		..WASHER	U-Y	3
R 90	69B46200-14		..STANDOFF	U-Y	3
R 95	NAS1801-04-5		..SCREW	Y	4
R -95A	BACS12CB04-5		..SCREW	U-X	4
R 100	BACS12CB04-5		..SCREW	U-X	2
R 105	K19798-04		..NUT- (V15653) (SPEC BACN10NW1) (OPT RMA4812-160-40 (V72962)) (OPT 293162 (V60119))	U-Y	4

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 03-110	K19798-04		..NUT- (V15653) (SPEC BACN10NW1) (OPT RMA4812-160-40 (V72962)) (OPT 293162 (V60119))	U-X	2
R 115	BACC45FN14-15P6		..CONNECTOR- (J2)	U-Y	1
R 120	BACC45FN14-15P8		..CONNECTOR- (J3)	U-Y	1
R 125	233N3250-34		..BRACKET-CONN.	U-Y	1
R -130	233N3214-23		..WIRE BUNDLE ASSY	U,W,Y	1
R -135	233N3214-25		..WIRE BUNDLE ASSY	V,X	1

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