

**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

**TO:** Holders of C&D Interiors Manual 25-32-98, Initial Issue, dated Apr 01/01 for the G1 Galley Assembly, Part Number 9332001-103.

**REVISION NO. 1 DATED JUN 01/04**

**HIGHLIGHTS**

This manual was revised to add 9332001-105 and incorporate engineering changes.

**NOTE:** This revision is a partial reissue. Discard and insert only the affected pages as listed.

Following are highlights of this revision:

Page No.	Description of Change
Title	Revised to add 9332001-105 and show Rev. 1 date.
Record of Revisions	Added Rev. 1.
List of Effective Pages	Revised to reflect Rev. 1 changes.
Table of Contents	Revised to reflect Rev. 1 changes.
Description and Operation	Revised to reflect Rev. 1 changes.
Disassembly	Revised to reflect Rev. 1 changes..
Assembly	Revised to reflect Rev. 1 changes.
Numerical Index	Revised text as necessary to add 9332001-105 and incorporate engineering changes.
IPL	Revised text and illustrations as necessary to add 9332001-105 and incorporate engineering changes.
Rework	Added Section to provide rework instructions to incorporate the Cockpit Security Door Assembly and the Flight Deck Access System (FDAS).

**25-32-98**

**HIGHLIGHTS**  
Page H-1  
Jun 01/04

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C & D A E R O S P A C E  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

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**25-32-98**

HIGHLIGHTS  
Page H-2  
Jun 01/04



**C & D A E R O S P A C E**  
**14 CENTERPOINTE, LA PALMA, CA 90623 (CAGE NO. 56135)**

## **G1 GALLEY ASSEMBLY**

## Part Number

9332001-103  
9332001-105

# COMPONENT MAINTENANCE MANUAL WITH ILLUSTRATED PARTS LIST

25-32-98 Page T-1  
Initial Issue: Apr 01/01  
Revision 1: Jun 01/04

  
C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

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**25-32-98**

Page T-2  
Jun 01/04



**C & D AERO SPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

## **RECORD OF REVISIONS**

Retain this record in the front of the manual. Upon receipt of a revision, insert the revised pages in the manual, enter the revision number, date filled, and initial.

  
C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

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**25-32-98**

Page RR-2  
Jun 01/04



**C & D A E R O S P A C E**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

## **RECORD OF TEMPORARY REVISIONS**

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**C & D A E R O S P A C E**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

## **SERVICE BULLETIN LIST**

Service bulletins and/or letters applicable to the component that are included in this manual are given below.

  
C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

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**25-32-98**

Page SB-2  
Apr 01/01

## LIST OF EFFECTIVE PAGES

<u>Subject</u>	<u>Page</u>	<u>Date</u>	<u>Subject</u>	<u>Page</u>	<u>Date</u>
Title Page	T-1 T-2	Jun 01/04 Jun 01/04	Testing and Fault Isolation (continued)	1007 1008 1009 1010 1011 1012	Apr 01/01 Apr 01/01 Apr 01/01 Apr 01/01 Apr 01/01 Apr 01/01
Record of Revisions	RR-1 RR-2	Jun 01/04 Jun 01/04			
Record of Temporary Revisions	TR-1 TR-2	Apr 01/01 Apr 01/01	Schematics and Wiring Diagrams	2001 2002 2003 2004	Apr 01/01 Apr 01/01 Apr 01/01 Apr 01/01
Service Bulletin List	SB-1 SB-2	Apr 01/01 Apr 01/01			
List of Effective Pages	LEP-1 LEP-2 LEP-3 LEP-4	Jun 01/04 Jun 01/04 Jun 01/04 Jun 01/04	Disassembly	3001 3002 3003 3004 3005 3006 3007 3008 3009 3010 3011 3012 3013 3014 3015 3016	Jun 01/04 Jun 01/04
Table of Contents	TOC-1 TOC-2 TOC-3 TOC-4	Apr 01/01 Jun 01/04 Apr 01/01 Apr 01/01			
Introduction	Intro-1 Intro-2 Intro-3 Intro-4	Jun 01/04 Apr 01/01 Apr 01/01 Apr 01/01			
Description and Operation	1 2 3 4 5 6 7 8 9 10	Apr 01/01 Apr 01/01 Apr 01/01 Apr 01/01 Apr 01/01 Jun 01/04 Apr 01/01 Apr 01/01 Apr 01/01 Apr 01/01	Cleaning	4001 4002 4003 4004 4005 4006 4007 4008 4009 4010	Apr 01/01 Apr 01/01 Apr 01/01 Apr 01/01 Apr 01/01 Apr 01/01 Apr 01/01 Apr 01/01 Apr 01/01 Apr 01/01
Testing and Fault Isolation	1001 1002 1003 1004 1005 1006	Apr 01/01 Apr 01/01 Apr 01/01 Apr 01/01 Apr 01/01 Apr 01/01	Inspection/Check	5001 5002 5003 5004	Apr 01/01 Apr 01/01 Apr 01/01 Apr 01/01



**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

<u>Subject</u>	<u>Page</u>	<u>Date</u>	<u>Subject</u>	<u>Page</u>	<u>Date</u>
Repair	6001	Apr 01/01	Illustrated Parts List (continued)	10017	Jun 01/04
	6002	Apr 01/01		10018	Jun 01/04
	6003	Apr 01/01		10019	Jun 01/04
	6004	Apr 01/01		10020	Jun 01/04
	6005	Apr 01/01		10021	Jun 01/04
	6006	Apr 01/01		10022	Jun 01/04
	6007	Apr 01/01		10023	Jun 01/04
	6008	Apr 01/01		10024	Jun 01/04
Assembly	7001	Jun 01/04		10025	Jun 01/04
	7002	Jun 01/04		10026	Jun 01/04
	7003	Jun 01/04		10027	Jun 01/04
	7004	Jun 01/04		10028	Jun 01/04
	7005	Jun 01/04		10029	Jun 01/04
	7006	Jun 01/04		10030	Jun 01/04
	7007	Jun 01/04		10031	Jun 01/04
	7008	Jun 01/04		10032	Apr 01/01
	7009	Jun 01/04		10033	Jun 01/04
	7010	Jun 01/04		10034	Jun 01/04
	7011	Jun 01/04		10035	Jun 01/04
	7012	Jun 01/04		10036	Apr 01/01
	7013	Jun 01/04		10037	Apr 01/01
	7014	Jun 01/04		10038	Jun 01/04
	7015	Jun 01/04		10039	Jun 01/04
	7016	Jun 01/04		10040	Jun 01/04
Special Tools, Fixtures, Equipment and Consumables	9001	Apr 01/01		10041	Jun 01/04
	9002	Apr 01/01		10042	Jun 01/04
	9003	Apr 01/01		10043	Jun 01/04
	9004	Apr 01/01		10044	Jun 01/04
Illustrated Parts List	10001	Apr 01/01		10045	Jun 01/04
	10002	Apr 01/01		10046	Jun 01/04
	10003	Apr 01/01		10047	Jun 01/04
	10004	Apr 01/01		10048	Jun 01/04
	10005	Apr 01/01		10049	Jun 01/04
	10006	Apr 01/01		10050	Jun 01/04
	10007	Apr 01/01		10051	Jun 01/04
	10008	Apr 01/01		10052	Jun 01/04
	10009	Jun 01/04		10053	Jun 01/04
	10010	Jun 01/04		10054	Apr 01/01
	10011	Jun 01/04		10055	Apr 01/01
	10012	Jun 01/04		10056	Jun 01/04
	10013	Jun 01/04		10057	Apr 01/01
	10014	Jun 01/04		10058	Jun 01/04
	10015	Jun 01/04		10059	Apr 01/01
	10016	Jun 01/04		10060	Apr 01/01

**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

<u>Subject</u>	<u>Page</u>	<u>Date</u>
Illustrated Parts List	10065	Apr 01/01
(continued)	10066	Apr 01/01
	10067	Jun 01/04
	10068	Jun 01/04
	10069	Jun 01/04
	10070	Jun 01/04
	10071	Jun 01/04
	10072	Apr 01/01
	10073	Apr 01/01
	10074	Apr 01/01
	10075	Apr 01/01
	10076	Apr 01/01
	10077	Apr 01/01
	10078	Apr 01/01
	10079	Apr 01/01
	10080	Apr 01/01
	10081	Apr 01/01
	10082	Apr 01/01
	10083	Apr 01/01
	10084	Jun 01/04
	10085	Jun 01/04
	10086	Jun 01/04
	10087	Apr 01/01
	10088	Jun 01/04
	10089	Jun 01/04
	10090	Apr 01/01
	10091	Apr 01/01
	10092	Apr 01/01
	10093	Apr 01/01
	10094	Jun 01/04
	10095	Jun 01/04
	10096	Jun 01/04
	10097	Jun 01/04
Rework	16001	Jun 01/04
	16002	Jun 01/04



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## TABLE OF CONTENTS

<u>Subject</u>	<u>Page</u>
Introduction . . . . .	Intro-1
1. Scope . . . . .	Intro-1
2. Product Support Services . . . . .	Intro-1
3. Usage Guide . . . . .	Intro-1
4. Abbreviations and Unit Symbols . . . . .	Intro-2
Description and Operation . . . . .	1
1. Description . . . . .	1
2. Operation . . . . .	4
3. Technical Properties . . . . .	6
4. Trim and Finish . . . . .	6
Testing and Fault Isolation . . . . .	1001
1. General . . . . .	1001
2. Electrical Test Procedure . . . . .	1002
3. Plumbing Test Procedure . . . . .	1007
4. Mechanical Test Procedure . . . . .	1008
5. Fault Isolation Procedures . . . . .	1009
Schematics and Wiring Diagrams . . . . .	2001
Disassembly . . . . .	3001
1. General . . . . .	3001
2. Disassembly Procedures . . . . .	3001
Cleaning . . . . .	4001
1. General . . . . .	4001
2. Safety Precautions . . . . .	4001
3. Cleaning Procedures . . . . .	4001
A. General Surface Cleaning . . . . .	4001
B. Metal Parts . . . . .	4005
C. Adhesives . . . . .	4007
4. Metal Preservation and Corrosion Inhibition . . . . .	4008
Inspection/Check . . . . .	5001
1. General . . . . .	5001
2. Component Checks . . . . .	5001
Repair . . . . .	6001
1. General . . . . .	6001
2. Replace or Install Bonded Components . . . . .	6001
3. Replace Potted Inserts . . . . .	6004
4. Fill Edge Holes in Honeycomb Panels . . . . .	6007
5. Replace Adhesive-Backed Placards . . . . .	6007
6. Repair Electrical Circuits . . . . .	6008
Assembly . . . . .	7001
1. General . . . . .	7001
2. Assembly Procedures . . . . .	7001



C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

## TABLE OF CONTENTS (continued)

<u>Subject</u>		<u>Page</u>
Fits and Clearances (Not Applicable)		
Special Tools, Fixtures, Equipment and Consumables . . . . .		9001
Illustrated Parts List . . . . .		10001
1. General . . . . .		10001
2. Scope of Information . . . . .		10001
3. Equipment Designator Index . . . . .		10001
4. Numerical Index . . . . .		10001
5. Explanation of Detail Parts List Entries . . . . .		10002
6. Manufacturers Names and Addresses . . . . .		10004
Rework 01 . . . . .		16001
1. General . . . . .		16001
2. Effectivity . . . . .		16001
3. Rework Procedures . . . . .		16001
Rework 02 . . . . .		16002
1. General . . . . .		16002
2. Effectivity . . . . .		16002
3. Rework Procedures . . . . .		16002

## LIST OF ILLUSTRATIONS

<u>Figure</u>	<u>Title</u>	<u>Page</u>
1	G1 Galley Assembly . . . . .	2
2	Controls and Indicators . . . . .	5
3	G1 Galley Assembly Trim and Finish . . . . .	8
2001	Wiring Diagram - Galley Assembly . . . . .	2002
6001	Insert Installation With Potting Compound . . . . .	6005
IPL 1	G1 Galley Assembly . . . . .	10032
IPL 2	G1 Galley Assembly . . . . .	10034
IPL 3	G1 Galley Electrical Installation . . . . .	10052
IPL 4	G1 Galley Control Module Assembly . . . . .	10062
IPL 5	G1 Galley Plumbing Installation . . . . .	10066
IPL 6	Door Assembly . . . . .	10072
IPL 7	Work Counter Assembly . . . . .	10074
IPL 8	G1 Galley Air Duct Assembly . . . . .	10076
IPL 9	Outboard Access Panel Assembly . . . . .	10078
IPL 10	Coat Room Assembly . . . . .	10080
IPL 11	Trim Installation . . . . .	10084
IPL 12	Bonded Structure Assembly . . . . .	10088

## LIST OF TABLES

<u>Table</u>	<u>Title</u>	<u>Page</u>
1	Controls and Indicators .....	5
2	Technical Properties .....	6
3	Operator Trim and Finish Code .....	6
4	Trim and Finish .....	7
1001	Test Equipment and Materials .....	1001
1002	Fault Isolation Procedures .....	1009
4001	Cleaning Tools and Materials .....	4002
5001	Inspection/Check Procedures .....	5001
6001	Repair Tools and Materials .....	6002
9001	Special Tools, Fixtures and Equipment .....	9001
9002	Consumables .....	9002

  
C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

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## INTRODUCTION

### 1. Scope

This Component Maintenance Manual (CMM) contains maintenance instructions and lists replacement parts for the G1 Galley Assembly, part number 9332001-103, -105.

### 2. Product Support Services

Replacement parts, technical publications, and other product support services are available from C & D Aerospace. Please contact:

C&D AEROSPACE  
14 Centerpointe  
La Palma, California 90623  
USA  
(V56135)

Telephone: 714-523-9977  
FAX: 714-523-0995

### 3. Usage Guide

- A. Refer to the TABLE OF CONTENTS to find the applicable maintenance procedures or other data.
  - (1) DESCRIPTION AND OPERATION describes the purpose, primary components, operation, and technical properties of the G1 galley.
  - (2) TESTING AND FAULT ISOLATION contains test and fault isolation procedures.
  - (3) DISASSEMBLY contains special procedures to disassemble the G1 galley for repair or part replacement.
  - (4) CLEANING contains procedures to clean the components of the G1 galley.
  - (5) INSPECTION/CHECK contains procedures to inspect and check parts for wear and damage.
  - (6) REPAIR contains procedures to replace potted inserts, replace bonded components, and make other repairs.
  - (7) ASSEMBLY contains special procedures to assemble the G1 galley.
  - (8) SPECIAL TOOLS, FIXTURES, EQUIPMENT AND CONSUMABLES describes the recommended special tools, fixtures, test equipment and consumables use in this manual.
  - (9) ILLUSTRATED PARTS LIST contains the data needed to order replacement parts. An equipment designator index, a numerical index, and exploded-view illustrations keyed



**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

to the parts lists are provided to help find and identify the parts. The introduction gives more data.

- B. The sections contain a table of recommended tools and materials, when applicable. Equivalent items can be used.
- C. The procedures in this manual follow the specifications utilized during production and are thereby shop verified.

#### 4. Abbreviations and Unit Symbols

Abbreviations and unit symbols used in this manual are defined below. All weights and measurements are given first in English standard units followed by the metric equivalent in parenthesis.

Symbol/ Abbr.	Term	Symbol/ Abbr.	Term
°	Degree	FIG.	Figure
Ω	Ohms	FWD	Forward
±	Plus or Minus	Hz	Hertz
(+)	Positive charge	INBD	Inboard
(-)	Negative charge	INSTL	Installation
-	Not Illustrated	IC	Intergrated Circuit
AC	Alternating Current	IPL	Illustrated Parts List
ALT	Alternate	kg	Kilogram
AR	As Required	kPag	Kilopascal - Gage
ASSY	Assembly		(1 kg = 2.205 pounds)
ATA	Air Transport Association		(1 kpag = 0.15 psig)
AWG	Average Wire Gage	LED	Light Emitting Diode
BFE	Buyer Furnished Equipment	LH	Left-Hand
BRT	Bright	MEK	Methyl-Ethyl-Ketone
°C	degrees Celsius	MFD	Manufactured From
CAGE	Commercial And Government	NHA	Next Higher Assembly
	Entity	NO.	Number
CB	Circuit Breaker	OUTBD	Outboard
cm	Centimeter (1 cm = 0.394 inch)	PN	Part Number
CMM	Component Maintenance	PCB	Printed Circuit Board
	Manual	psig	Pound per Square Inch - Gage
EFF	Effectivity	REPLCD	Replaced
ESD	Electro Static Discharge	REPLCS	Replaces
°F	degrees Fahrenheit	REV	Revision
		RF	Reference

  
C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

<u>Symbol/ Abbr.</u>	<u>Term</u>
SB	Service Bulletin
SUPSD	Superseded
UUT	Unit Under Test
V	Vendor
VDA	Volts Alternating Current
VDC	Volts Direct Current
Vrm	Voltage, Root Mean Square

  
C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

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**25-32-98**

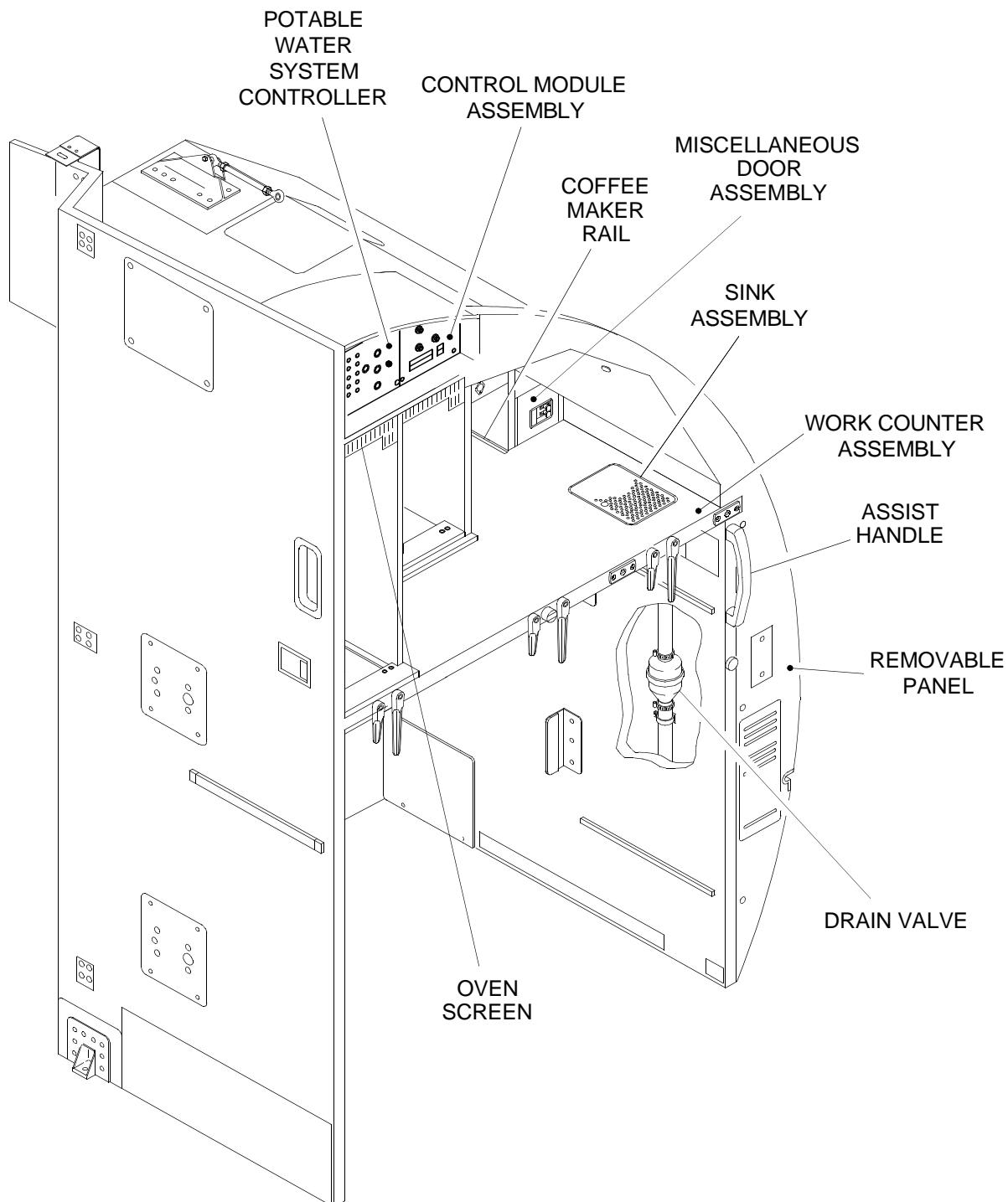
Page Intro-4  
Apr 01/01

## **DESCRIPTION AND OPERATION**

### **1. Description**

- A. The primary components of the G1 galley are shown in Figure 1. The galley contains the items given below for supply stowage, food preparation and service cart retention.
  - (1) A counter is provided on the galley for preparation of food items. The work counter includes a sink assembly with drain to capture residual fluids. The sink assembly screen is hinged to access the fluid reservoir. The plumbing system for the sink includes a drain valve and shut-off valve. The plumbing provisions for coffee maker. There is an electrical panel to control power for the ovens and coffee maker.
  - (2) Storage compartments in the galley are provided for miscellaneous components. These compartments are secured with hinged doors. A drip pan assembly with drain line is also provided. The compartment side walls, back panel, and floor are protected with replaceable rubstrips.
  - (3) The galley electrical system includes a control module assembly that houses circuit breakers for ovens 1 and 2, coffee maker, and the electrical AC outlet, connectors for 28 VDC main power and 115 VAC/400 Hz power for the ovens and coffee maker, and switches for galley area lights and overheat light. Refer to Figure 2 and Table 1 for the control module assembly controls and indicators. The galley area light is operated with an ON/OFF switch (SDS72). The galley area circuit includes a BRIGHT/DIM switch (SDS73) to adjust the light at the galley work counter. The overheat light is operated with HTR/OVHT switch (SDS64). A PWS (potable water system) controller is installed next to the control module assembly.
  - (4) The galley also includes a cart dividers and cart retainers. The galley structure is secured to the aircraft ceiling with one (1) tie rod assembly. Five (5) floor fittings are provided to secure the galley to the aircraft standard seat tracks. Removable panels are provided to allow access to plumbing and electrical components.
- B. All components visible to the passengers have decorative finishes or a bonded decorative trim or laminate. All air, drain lines, and electrical wires are mounted behind panels out of passenger view.

**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

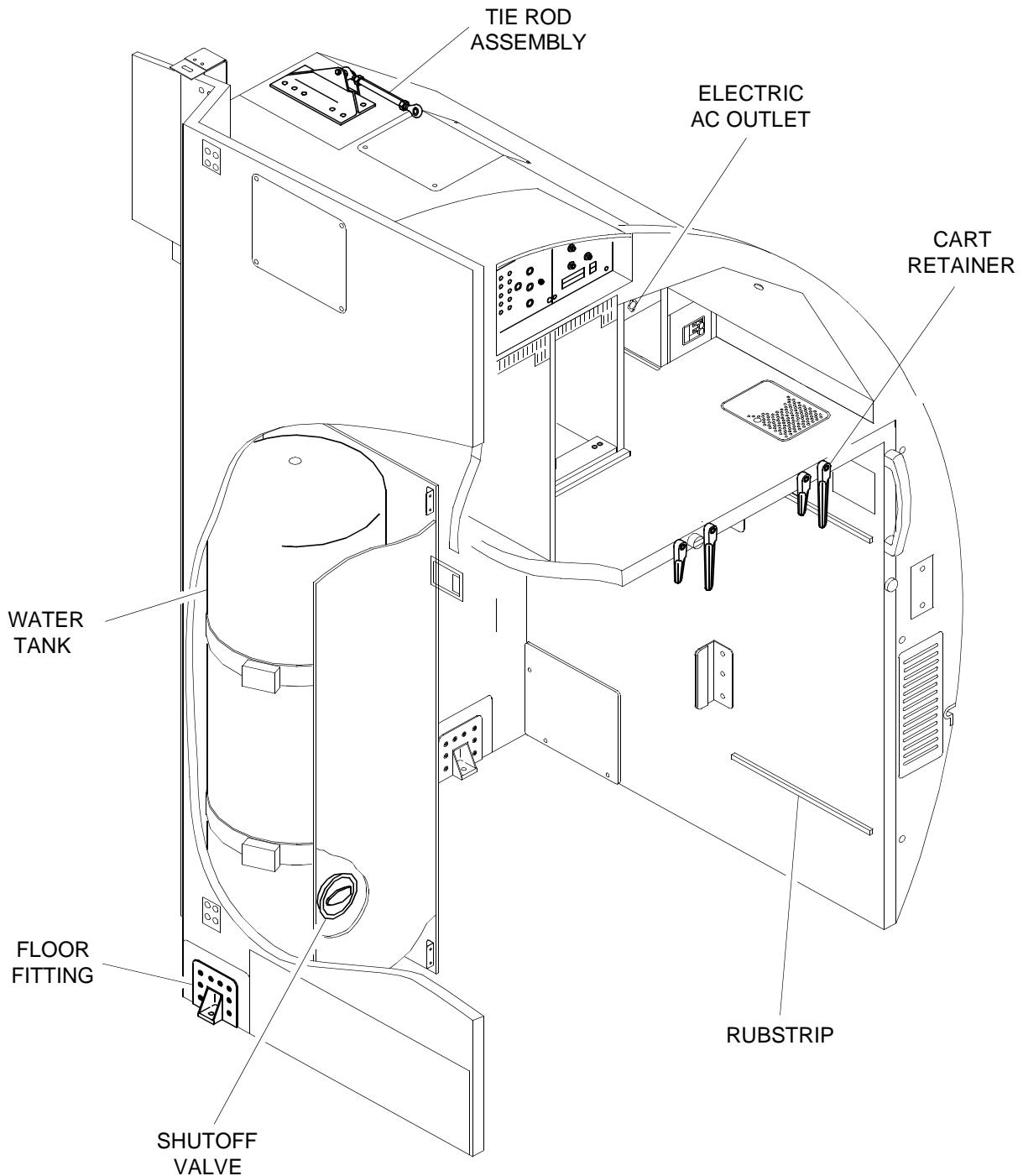


G1 Galley Assembly  
Figure 1 (Sheet 1 of 2)

**25-32-98**

Page 2  
Apr 01/01

**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**



G1 Galley Assembly  
Figure 1 (Sheet 2)

**25-32-98**

Page 3  
Apr 01/01

**2. Operation**

**A. Control Module Assembly**

Refer to Figure 2 and Table 1 for controls and indicators for the control module assembly. The control module assembly receives 115 VAC/400 Hz electrical power at connector PL114J1 and 28 VDC at connector PL114J2.

**(1) GALLEY LIGHT**

The galley light is turned on and off with the ON/OFF switch (1). The work light bright and dim feature is controlled with the BRIGHT/DIM switch (2).

**(2) OVERHEAT LIGHT**

The overheat light is turned heater and overheat with the HTR/OVHT switch (2).

**(3) OVENS**

The ovens circuits are protected with 15 amp circuit breakers (3). A circuit overload will cause the circuit breakers (3) to trip (open the circuit). To reset the circuit breaker, press the circuit breaker button.

**(4) COFFEE MAKER**

The coffee maker circuit are protected with 10 amp circuit breaker (6). A circuit overload will cause the circuit breaker (6) to trip (open the circuit). To reset the circuit breaker, press the circuit breaker button.

**(5) AC OUTLET**

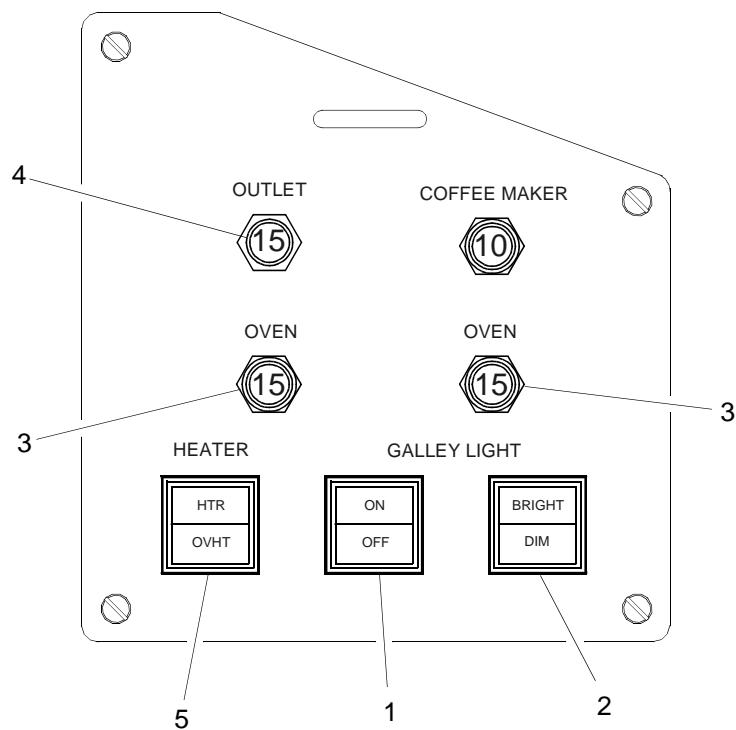
The AC outlet is protected by a 15 amp circuit breaker (4). A circuit overload will cause the circuit breaker (4) to trip (open the circuit). To reset the circuit breaker, press the circuit breaker button.

**B. Miscellaneous Compartment Door Latches**

- (1)** To open the miscellaneous compartment doors, move the sliding latch to the retracted position and pull the spring loaded slam latch to open the door.
- (2)** To close the door, push in on the door until the slam latch bolt engages the striker. Move the sliding latch to the extended (closed) position.



**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**



Controls and Indicators  
 Figure 2

Controls and Indicators  
 Table 1

Figure 2 Item No.	Control or Indicator	Position or Indication	Function
1	Galley light ON/OFF switch	ON or OFF	Turns the galley light on or off.
2	Galley light BRIGHT/DIM switch	BRIGHT or DIM	Dims or brightens the galley light above the work counter.
3	circuit breaker CB1, CB2	press to reset	Trips (opens) when ovens 1 or 2 circuit overloads.
4	circuit breaker CB3	press to reset	Trips (opens) when AC outlet circuit overloads.
5	Overheat light HTR/OVHT switch	HTR or OVHT	Turns the overheat light to heater or overheat.
6	circuit breaker CB4	press to reset	Trips (opens) when coffee maker circuit overloads.

  
C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

**3. Technical Properties**

Technical properties of the G1 galley are given in Table 2.

Technical Properties  
Table 2

Property	Specification
Description	
Manufacturer	C&D Aerospace (CAGE 56135)
Part Number	
Assembly	9332001-103, -105
Nomenclature	G1 Galley Assembly
Input Power	115 VAC/400 Hz, 3 Phase and 28 VDC.
Overall Dimensions	
Height	74,23 inches (188,54 cm)
Width	39,20 inches (99,57 cm)
Depth	38,30 inches (97,28 cm)

**4. Trim and Finish**

**A. Trim and finish Code**

The Trim and finish codes for the various operators are given in Table 3.

Examples of part numbers showing the trim and finish are shown below.

9332001-103 Specifies decorative finish requirement without operator code.

9332001DA103 Specifies decorative finish requirement for Lufthansa.

Operator Trim and Finish Code  
Table 3

Operator	Trim and Finish Code
Lufthansa	DA



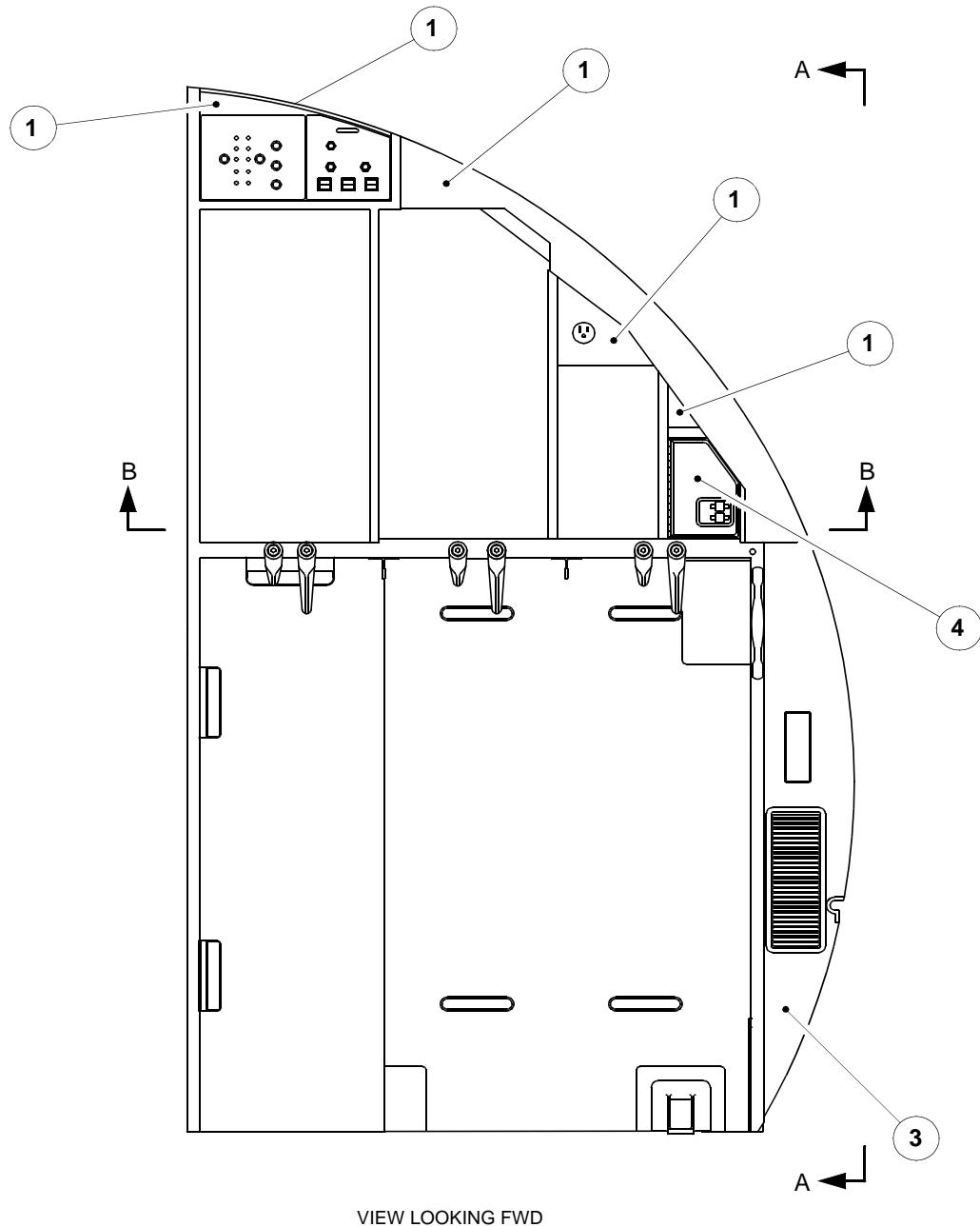
C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

B. Trim and finish information is identified in Table 4 and Figure 3.

Table 4  
 Trim and Finish

ITEM	DESCRIPTION	COLOR/FINISH	MATERIAL	SOURCE (CAGE)*
1	Aft Face	Medium Grey	Aerfilm LHR/5923/670HTE/54"/HA211	Schneller (V21213)
2	Exposed Surfaces	Medium Grey	Aerfilm LHR/5923/670HTE/54"/HA211	Schneller (V21213)
3	Close-out Fairing Removable	Medium Grey	Aerfilm LHR/5923/670HTE/54"/HA211	Schneller (V21213)
4	Miscellaneous Door	Medium Grey	Aerfilm LHR/5923/670HTE/54"/HA211	Schneller (V21213)
5	Side Wall / Outboard panel	Light Grey	Aerfilm LHR/6037/670HTE/54"/HA211	Schneller (V21213)
6	Aisle Face	Medium Grey	Aerglas LHR II/5923/670P/48"X96"	Schneller (V21213)
7	Aisle Access Cover	Medium Grey	Aerfilm LHR/5923/670HTE/54"/HA211	Schneller (V21213)
8	Cockpit Area Panel	BAC704 Grey	Paint #346-65, Ivory Primer #343-55	Mankiewicz Gebr & Co. (VD2603)

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**COMPONENT MAINTENANCE MANUAL**  
**9332001**

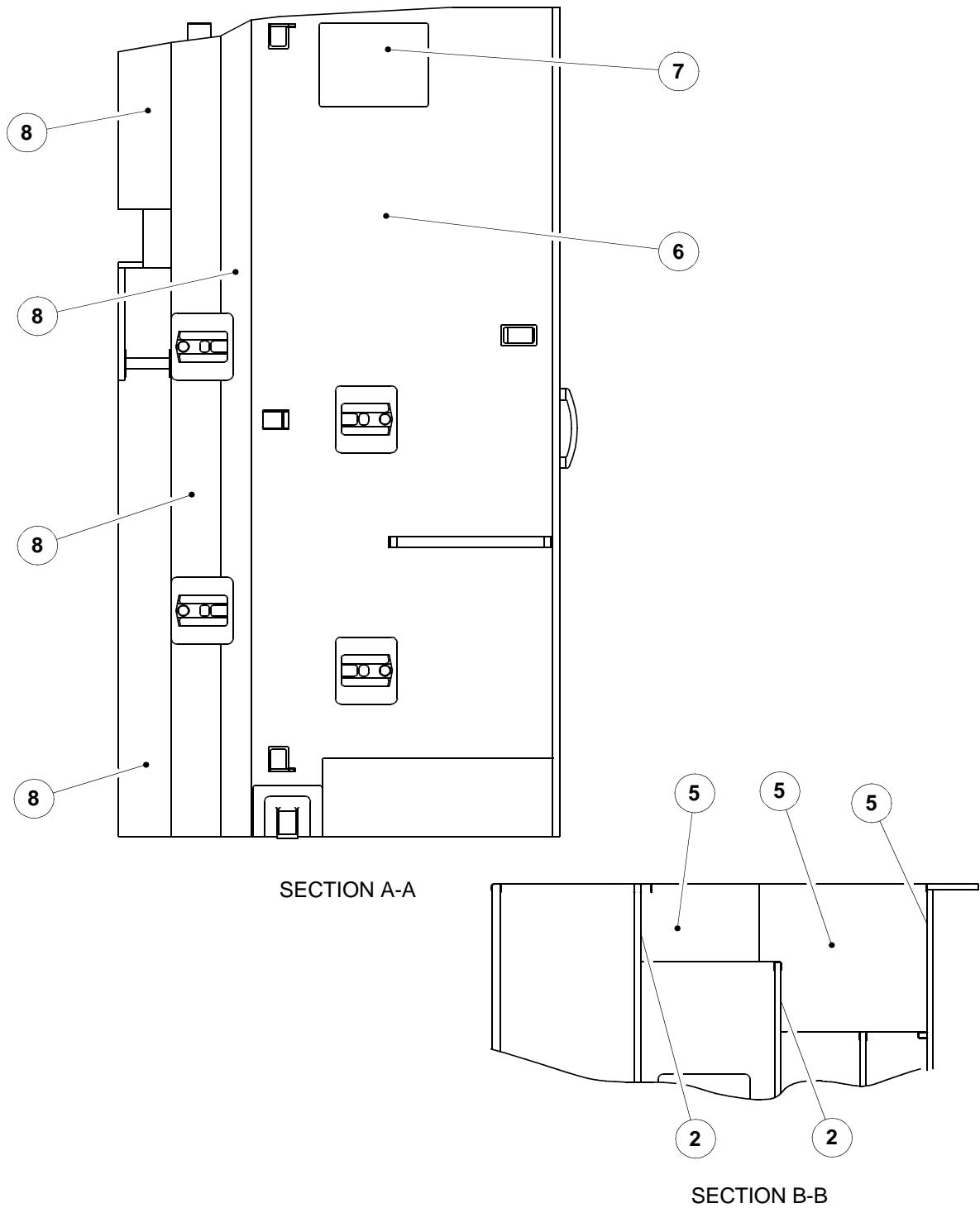


G1 Galley Assembly Trim and Finish  
Figure 3 (Sheet 1 of 2)

**25-32-98**

Page 8  
Apr 01/01

**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**



G1 Galley Assembly Trim and Finish  
Figure 3 (Sheet 2)

**25-32-98**

Page 9  
Apr 01/01

  
C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

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**25-32-98**

Page 10  
Apr 01/01

## **TESTING AND FAULT ISOLATION**

### **1. General**

A. This section contains test and fault isolation procedures. The tests can be done on or off the aircraft.

**NOTE:** If the tests are done in a repair shop, 115 VAC/400 Hz must be provided at galley interface connector TB20, and 28 VDC power must be provided at galley interface connector J372.

B. The recommended test equipment and materials are given in Table 1001.

**NOTE:** Equivalent items can be used.

C. The wiring diagrams are given in Figure 2001.

Test Equipment and Materials  
Table 1001

Nomenclature	Part or Specification Number	Source (CAGE)*
Air or Nitrogen Supply, 150 psi minimum	---	Commercially Available
Hypot II	3560D	Associated Research (V04237)
Jumper Harness, Test	9331716-501	C&D Aerospace (V56135)
Megohm-meter	Model DMH251L	Metrohm
Meter, Microohm, 100 milliohms	Model 5600	Davis Instruments (V88775)
Meter, Phase Rotation	PSI-8031	AWS (V58935)
Multimeter, Digital	Model 87 True RMS	Fluke Mfg. Co. (V89536)
Power Supply, 115/200 VAC, 3 phase, 400 Hz	---	Commercially Available
Power Supply, 28 VDC, 3000 Watt minimum	---	Commercially Available
Power Supply, 6 VDC	---	Commercially Available

\* Refer to the IPL, paragraph 6, for the address.

  
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**COMPONENT MAINTENANCE MANUAL**  
**9332001**

2. Electrical Test Procedure

**WARNING:** ELECTRICAL POWER CAN CAUSE SEVERE SHOCK AND BURNS. AVOID CONTACT WITH ENERGIZED CIRCUITS. FOLLOW STANDARD ELECTRICAL SAFETY PROCEDURES.

A. Continuity Check

Use a multimeter (Table 1001) to verify point-to-point continuity of all electrical circuits. Verify all connections. Refer to Figure 2001 for the wiring diagrams.

**NOTE:** Check continuity from backshell of connector MT184P1 to ground point bracket GS5010.

B. Insulation Resistance Test

- (1) All 28 VDC components must withstand 500 VDC between individual isolated terminals and between all terminals and case for 1 minute. There shall be no current leakage in excess of 1.0 amperes.
- (2) The insulation resistance between individual isolated terminals and between all terminals and case shall be greater than 20 megohms when tested at 500 VDC.

C. Static Ground and Bonding Resistance Test

**CAUTION:** THIS TEST IS TO BE PERFORMED ON NON-LIVE AND DE-ENERGIZED CIRCUITS ONLY. MAKE SURE THE INTERNAL BATTERY OF THE MICRO-OHMmeter IS FULLY CHARGED PRIOR TO TESTING.

- (1) Connect the positive (+) lead from the micro-ohmmeter to the GS5002 ground (65, IPL Figure 4) on the control module assembly (200, IPL Figure 3). Connect the return (-) lead from the micro-ohmmeter to the airframe ground, GS5102 jumper assembly (180, IPL Figure 3). Measure the resistance. The resistance must be less than 100 milliohms.
- (2) Connect the positive (+) lead from the micro-ohmmeter to the GS5003 ground (220, IPL Figure 3) on the work counter assembly (800, -800A, IPL Figure 2). Connect the return (-) lead from the micro-ohmmeter to the airframe ground, GS5102 jumper assembly (180, IPL Figure 3). Measure the resistance. The resistance must be less than 100 milliohms.
- (3) Connect the positive (+) lead from the micro-ohmmeter to the ground GS5010 (215, IPL Figure 3). Connect the return (-) lead from the micro-ohmmeter to the jumper assembly GS5102 (180, IPL Figure 3). Measure the resistance. The resistance must be less than 100 milliohms.

**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

- (4) Connect the positive (+) lead from the micro-ohmmeter to the ground GS5011 (215, IPL Figure 3). Connect the return (-) lead from the micro-ohmmeter to the jumper assembly GS5102 (180, IPL Figure 3). Measure the resistance. The resistance must be less than 100 milliohms.
- (5) Connect the positive (+) lead from the micro-ohmmeter to the GS5012 ground (225, IPL Figure 3) on the water tank (690, Figure 2). Connect the return (-) lead from the micro-ohmmeter to the airframe ground, GS5102 jumper assembly (180, IPL Figure 3). Measure the resistance. The resistance must be less than 100 milliohms.
- (6) Connect the positive (+) lead from the micro-ohmmeter to the GS5013 ground (225, IPL Figure 3) on the inlet pipe. Connect the return (-) lead from the micro-ohmmeter to the airframe ground, GS5102 jumper assembly (180, IPL Figure 3). Measure the resistance. The resistance must be less than 100 milliohms.
- (7) Connect the positive (+) lead from the micro-ohmmeter to the GS5014 ground (230, IPL Figure 3) on the outlet pipe. Connect the return (-) lead from the micro-ohmmeter to the airframe ground, GS5102 jumper assembly (180, IPL Figure 3). Measure the resistance. The resistance must be less than 100 milliohms.
- (8) Connect the positive (+) lead from the micro-ohmmeter to the GS5033 ground (220, IPL Figure 3). Connect the return (-) lead from the micro-ohmmeter to the airframe ground, GS5102 jumper assembly (180, IPL Figure 3). Measure the resistance. The resistance must be less than 100 milliohms.
- (9) Connect the positive (+) lead from the micro-ohmmeter to the ground on the J5000 AC outlet (350, IPL Figure 3). Connect the return (-) lead from the micro-ohmmeter to the airframe ground, GS5102 jumper assembly (180, IPL Figure 3). Measure the resistance. The resistance must be less than 100 milliohms.
- (10) Connect the positive (+) lead from the micro-ohmmeter to pins D and F (tied together) of connectors A200J1 and A201J1 (160, IPL Figure 3). Connect the return (-) lead from the micro-ohmmeter to the airframe ground, GS5102 jumper assembly (180, IPL Figure 3). Measure the resistance. The resistance must be less than 100 milliohms.
- (11) Connect the positive (+) lead from the micro-ohmmeter to pins 5 and 6 (tied together) of A196J1 (165, IPL Figure 3). Connect the return (-) lead from the micro-ohmmeter to the airframe ground, GS5102 jumper assembly (180, IPL Figure 3). Measure the resistance. The resistance must be less than 100 milliohms.

**D. Circuit Protection Test**

- (1) The circuit breakers CB1, CB2, CB3, CB4 (25, 30, 35 IPL Figure 4) must be in the open position (pulled out).
- (2) Apply 115 VAC, 3 phase, 400 Hz to test circuits in accordance with SCHEMATICS AND WIRING DIAGRAMS and measure voltage at bus side to verify 115 VAC is present at the following locations:
  - (a) CB1 at A1, B1, and C1 (perform phase check).
  - (b) CB2 at A1, B1, and C1 (perform phase check).
  - (c) CB3 at the end of wire, PZA-P6049-12.
  - (d) CB4 at A1, B1, C1 (perform phase check).
- (3) Apply 115 VAC, 3 phase, 400 Hz to test circuits in accordance with SCHEMATICS AND WIRING DIAGRAMS and measure voltage on load side to verify 0 VAC is present at the following locations:
  - (a) CB1 at A2, B2, C2.
  - (b) CB2 at A2, B2, C2.
  - (c) CB3 at the end of wire PZA-P6050-12.
  - (d) CB4 at A2, B2, C2.

**E. Power Connection Test**

- (1) The circuit breakers CB1, CB2, CB3, CB4 (25, 30, 35, IPL Figure 4) must be in the open position (pulled out).
- (2) Apply 115 VAC, 3 phase, 400 Hz to test circuits in accordance with SCHEMATICS AND WIRING DIAGRAMS and measure voltage to verify 115 VAC is present at the following locations:
  - (a) A200J1 (160, IPL Figure 3) at pins A, C, E (perform phase check).
  - (b) A201J1 (160, IPL Figure 3) at pins A, C, E (perform phase check).
  - (c) A196J1 (165, IPL Figure 3) at pins 1, 2, 3 (perform phase check).
  - (d) End of wire PZA-P6021-12 to pin of Outlet J5000 (350, IPL Figure 3).

**F. Component Functional Tests**

**(1) Test Set-up**

- (a) The circuit breakers CB1, CB2, CB3, CB4 (25, 30, 35, IPL Figure 4) must be in the open position (pulled out).
- (b) Attach connector J372 on test harness to connector P372 (85, IPL Figure 3) on galley electrical harness.
- (c) Ensure that water pressure is 30 psig with test pressure gauge at the water inlet in the open position and galley water shutoff valve (285, IPL Figure 5) is closed.
- (d) Close circuit breakers CB1, CB2, CB3, CB4 (25, 30, 35, IPL Figure 4).

**(2) Coffee Maker**

**NOTE:** The customer will supply and install the coffee maker and they will perform the test at their facility.

- (a) Turn on the coffee maker by pressing ON/OFF (GREEN) switch and verify ON/OFF switch indicator is illuminated.
- (b) Rotate the galley water shut-off valve (285, IPL Figure 5) to the OPEN position.
- (c) Approximate 3.5 minutes after turning the coffee maker on, hot water indicator light should be illuminated.
- (d) Verify hot water is available from faucet.
- (e) Close brew handle.
- (f) Press BREW (WHITE) switch and verify the indicator light is illuminated.
- (g) Press HOT PLATE (GREEN) switch and verify the indicator light is illuminated.
- (h) Verify the hot plate is heated.
- (i) Drain water from tank to a lower condition.
- (j) Verify COLD/LOW WATER (RED) indicator light is illuminated.
- (k) Press ON/OFF switch and verify the indicator light is extinguished.

**(3) Oven Outlets (160, IPL Figure 3)**

- (a) Verify 115 VAC is present between pins A, C, E with pin B.

  
C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

- (4) Oven
  - The customer will supply and install the ovens and they will perform the test at their facility.
- (5) Coffee Maker Rail Assembly (430, IPL Figure 5)
  - (a) Verify 115 VAC is present at the end of wires Red #1, Yellow #2, Blue #3 and Black #4 of the Coffee Maker Rail Assembly.
- (6) Power Outlet (350, IPL Figure 3) Test
  - (a) Verify that 115 VAC is present at the outlet receptacle terminals.
- (7) Exit Identifier (385, IPL Figure 3) Test
  - (a) Connect the 6 VDC power supply to connector P372, pin K, with return to P372, pin L.
  - (b) Turn on 6 VDC power supply and verify that exit identifier is illuminated.
  - (c) Turn off the 6 VDC power supply and verify that exit identifier is extinguished.
- (8) Galley Area Light and Overheat Light Test
  - (a) Ensure that 28 VDC power supply is in OFF position.
  - (b) Connect the 28 VDC power supply to connector P372, pin F. Connect the DC ground to P372, pin J.
  - (c) Turn on 28 VDC power supply.
  - (d) Verify that OFF indicator is illuminated. If the two switches are in ON and DIM positions, press ON/OFF switch so that only OFF indicator is illuminated. If the two switches are in ON and BRIGHT positions, place the BRIGHT/DIM switch in the DIM position and press the ON/OFF switch to the OFF position. Verify the OFF indicator is illuminated.
  - (e) Press the ON/OFF switch to the ON position. Verify that the ON and DIM indicators are illuminated. Verify that 28 VDC is present at connector P372, pin G. Verify that 0 VDC is present at connector P372, pin H.
  - (f) Press the BRIGHT/DIM switch to the BRIGHT position. Verify that the ON indicator remains illuminated and the DIM indicator is extinguished. Verify that the BRIGHT indicator is illuminated. Verify that 28 VDC is present at connector P372, pin G. Verify that 0 VDC is present at connector P372, pin H.

- (g) Press the ON/OFF switch to the OFF position. Verify that the OFF indicator is illuminated and no other indicator is illuminated. Verify that 0 VDC is present at connector P372, pins G and H.
- (h) Turn off the 28 VDC power supply.
- (i) Connect the 28 VDC power supply to connector P372, pin C. Connect the DC ground to P372, pin E.
- (j) Turn the 28 VDC power supply on. Verify the HTR indicator is illuminated.
- (k) Measure voltage at P372 connector, pins A and B. If 0 VDC is present, press the ON/OFF switch into the ON position and verify that 28 VDC is present at connector P372, pins A and B. If 28 VDC is present, press the ON/OFF switch into the OFF position and verify that 0 VDC is present at pins A and B.
- (l) Turn the 28 VDC power supply off. Disconnect the wire between the power supply and connector J372, pin C.
- (m) Connect pin D on the P372 connector to the 28 VDC power supply. Verify that the OVHT indicator (amber) is illuminated.
- (n) Turn the 28 VDC power supply off.

(9) Water Heater

- The customer will supply and install the water heaters and they will perform the test at their facility.

### 3. Plumbing Test Procedure

#### A. Potable Water System Pressure and Leakage Test

- (1) Plug all connection points to all water bearing inserts.
- (2) Install air pump or nitrogen tank with pressure gauge at water inlet. Ensure test shutoff valve is open. Pressurize lines to 125 psig.
- (3) Rotate test shutoff valve to CLOSED position.
- (4) Maintain pressure for 5 minutes and check for pressure leaks. There shall be no pressure leaks in a 5 minute period.
- (5) Reduce pressure to zero and remove air pump or nitrogen tank.
- (6) Remove vent valve (420, IPL Figure 5) from plumbing system.

- (7) Plug all connection points to all water bearing inserts.
- (8) Install air pump or nitrogen tank with pressure gauge at water inlet. Ensure test shutoff valve is open. Pressure lines to 125 psig.
- (9) Rotate test shutoff valve to CLOSED position.
- (10) Maintain pressure for 5 minutes and check for pressure leaks. There shall be no pressure leaks in a 5 minutes period.
- (11) Reduce pressure to zero and remove air pump or nitrogen tank.
- (12) Install vent valve (420, IPL Figure 5) in plumbing system.
- (13) Plug all connection points to all water bearing inserts.
- (14) Install air pump or nitrogen tank with pressure gauge at water inlet. Ensure test shutoff valve is open. Pressurize lines to 50 psig.
- (15) Rotate test shutoff valve to CLOSED position.
- (16) Maintain pressure for 5 minutes and check for pressure leaks. There shall be no pressure leaks in a 5 minute period.
- (17) Reduce pressure to zero and remove air pump or nitrogen tank.

B. Drain System Test

- (1) Plug drain line outlet.
- (2) Fill sink with approximately two quarts of water and let stand for 5 minutes.
- (3) Visually check drain system for evidence of leakage at all connection points.
- (4) With drain line still plugged, acquire a container of suitable capacity (two quarts plus) to aid in drainage procedures.
- (5) Unplug drain outlet and verify that all water drains within one minute.
- (6) Verify that volume of water drained is approximately two quarts.

4. Mechanical Test Procedure

A. Test door assemblies (360, IPL Figure 2) as follows:

- (1) Push down on the double slide latch assembly (30, IPL Figure 6) and pull the door open. The latch bolt must retract from the door striker (375, IPL Figure 2) and the door

must swing open without binding.

(2) Close the door and engage the latch (30, IPL Figure 6) in the door striker (375, IPL Figure 2). The latch must slide smoothly. The latch tongue must engage the striker so that the door cannot be opened.

B. Test the retainers (405, 415, 420, IPL Figure 2) as follows:

(1) Turn the retainers (405, 415, 420, IPL Figure 2) 90 degrees from the engaged position to the disengaged position several times.

(2) Verify the retainer operates smoothly and is positively retained at each 90 degree position.

5. Fault Isolation Procedures

Fault isolation procedures are given in Table 1002.

Fault Isolation Procedures  
Table 1002 (Sheet 1 of 3)

Trouble	Probable Cause	Corrective Action
<b>ELECTRICAL TEST</b>		
Open or short circuit.	Damaged electrical wire harness.  Open or shorted wire connection; damaged terminal or wire insulation; incorrect wire routing.	Replace the wire harness.  Refer to REPAIR for general electrical repair instructions; refer to Figure 2001 for wiring diagrams.
The static ground and bonding resistance is greater than specified.	Open or shorted wire connection; damaged terminal or wire insulation; incorrect wire routing.	Refer to REPAIR for general electrical repair instructions; refer to Figure 2001 for wiring diagrams.
No power to electrical equipment.	Electrical connectors not connected.  Tripped circuit breaker CB1, CB2, CB3, CB4 (25, 30, 35, IPL Figure 4).	Check all electrical connections for secure contact; refer to Figure 2001 for wiring diagrams.  Isolate the cause of the tripped circuit and repair; push in (close) the tripped circuit breaker.



**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

Trouble	Probable Cause	Corrective Action
<b>ELECTRICAL TEST</b>		
No power to electrical equipment.	Damaged electrical wiring.  Damaged or defective circuit breaker CB1 thru CB4 (25, 30, 35, IPL Figure 4).	Check all applicable circuits for point-to-point continuity; refer to Figure 2001 and REPAIR.  Replace the damaged circuit breaker.
No power at AC outlet	Damaged electrical connection.  Damaged AC outlet.	Check all applicable circuits for point-to-point continuity; refer to Figure 2001 and REPAIR.  Replace the AC outlet.
Exit identifier fails to illuminate	Damaged electrical connection.  Damaged exit identifier.	Check all applicable circuits for point-to-point continuity; refer to Figure 2001 and REPAIR.  Replace the exit identifier.
Galley lights do not turn on or dim/brighten as specified.	Damaged electrical connection.  Burned out ceiling panel lamp; lamp not fully engaged in lamp holder.  Damaged P372 connector (85, IPL Figure 3).  Damaged SDS64, SDS72, or SDS73 (40, 45, 50, IPL Figure 4).	Check all applicable circuits for point-to-point continuity; refer to Figure 2001 and REPAIR.  Replace the lamp.  Replace the damaged connector.  Replace the damaged switch.
<b>PLUMBING TEST</b>		
Leakage in the plumbing.	Loose connections or clamps; damaged hoses, tubes or fittings (IPL Figure 5).  Damaged vent valve (410, IPL Figure 5).  Damaged pressure relief valve (420, IPL Figure 5).	Tighten the clamps and fittings; replace damaged components.  Replace the vent valve.  Replace the valve.



C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

Trouble	Probable Cause	Corrective Action
<b>PLUMBING TEST</b>		
Leakage in the plumbing.	Damaged shut-off valve (285, IPL Figure 5).	Replace the valve.
Leakage is evident from drain system	Damaged hose or fittings.	Replace the hose or fittings
Water drainage period exceeds 1 minute	Clogged/obstructed hose or fittings.	Remove clog or obstruction from the hose or fittings.
<b>MECHANICAL TEST</b>		
Door assemblies (360, IPL Figure 2) bind when opened or closed.	Bent or damaged door trim.  Damaged door hinge half.	Replace the damaged trim.  Replace the door hinge half.
Door assemblies fail to latch/unlatch properly	Bent or damaged latch assembly.	Replace the latch assembly.
Door assemblies latch does not engage striker properly.	Bent or damaged striker.  Latch bolt is damaged.  Latch assembly is damaged internally.	Replace striker.  Replace the latch assembly.  Replace the latch assembly.
Retainers (405, 415, 420, IPL Figure 2).	Deformed, cracked spot weld, damaged finish.	Replace the retainers.

  
C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

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**25-32-98**

Page 1012  
Apr 01/01



## SCHEMATICS AND WIRING DIAGRAMS

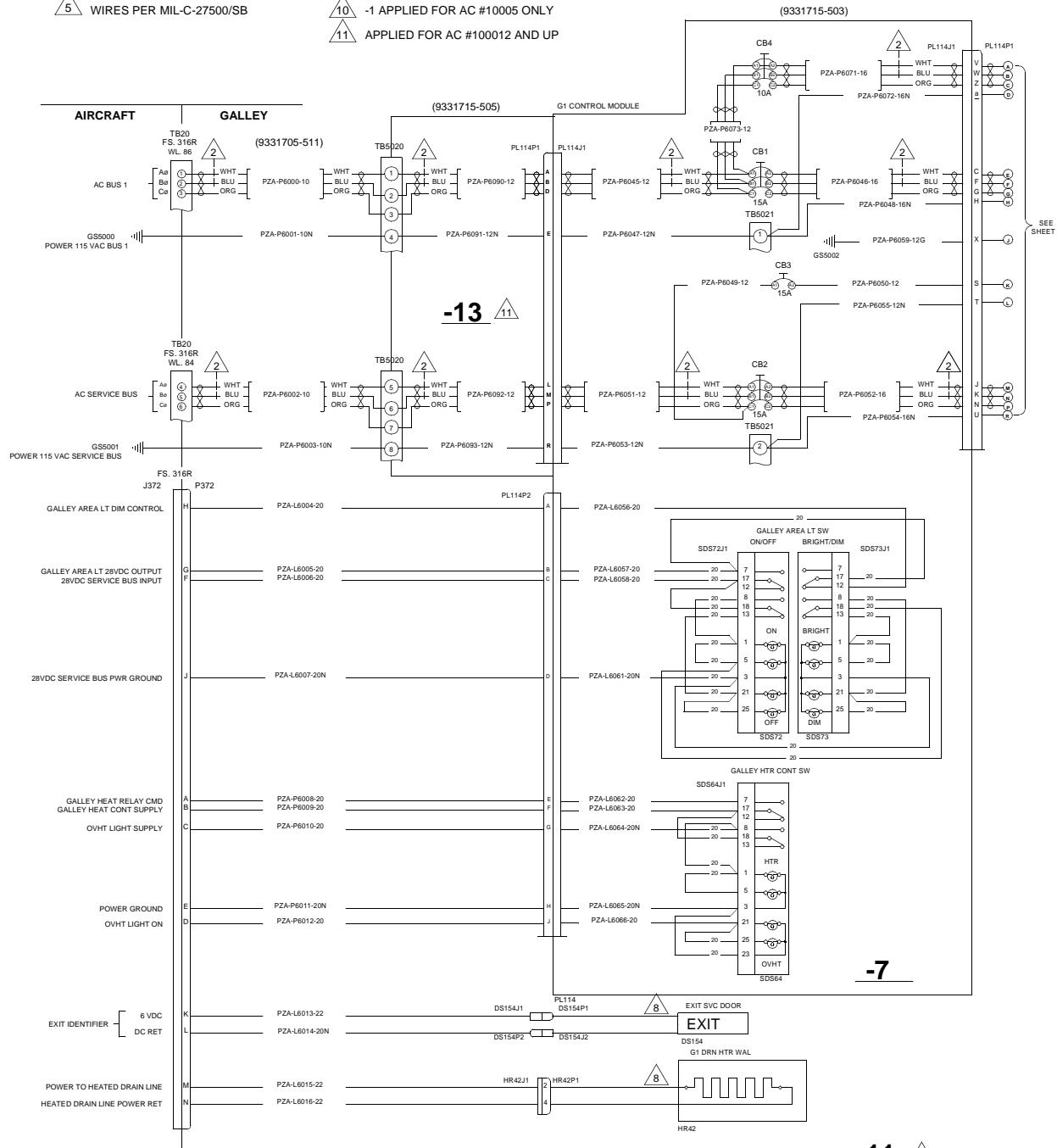
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All	Rev N/C	Initial Release		All

**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

NOTES: UNLESS OTHERWISE SPECIFIED

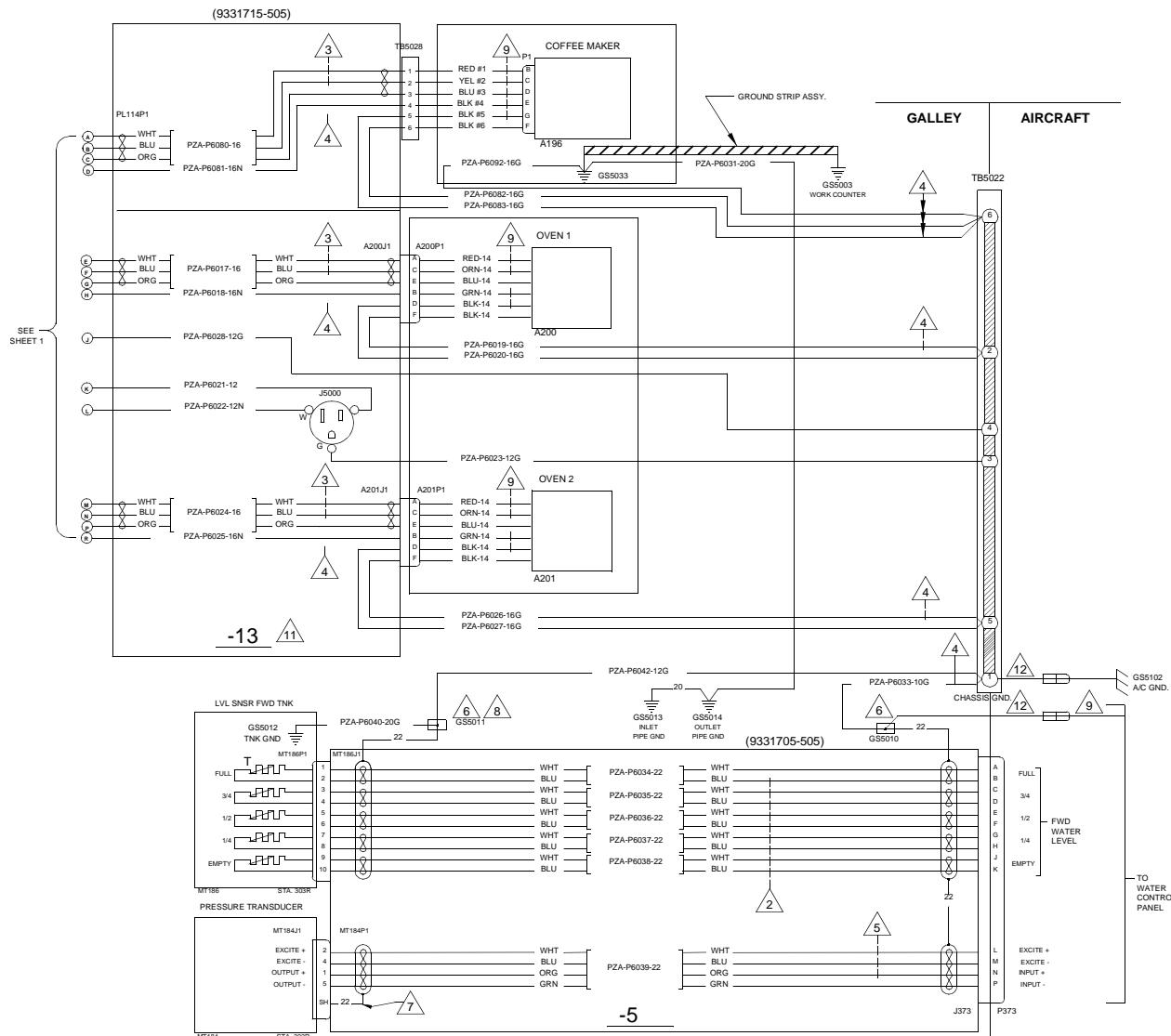
- 1. ALL WIRES PER MIL-W-22759/34
- 2. WIRES PER MIL-C-27500/SD
- 3. WIRES PER MIL-C-27500/SP
- 4. WIRES PER MIL-W-22759/43
- 5. WIRES PER MIL-C-27500/SB

- 6. SHIELDED WIRE TO BE TERMINATED TO BRACKET
- 7. SHIELDED WIRE TO BE TERMINATED TO CONNECTOR BACKSHELL
- 8. GROUND WIRES TO BE TERMINATED TO BRACKET
- 9. WIRES FURNISHED BY SUPPLIER
- 10. -1 APPLIED FOR AC #10005 ONLY
- 11. APPLIED FOR AC #100012 AND UP
- 12. BONDING JUMPERS PER MS25083





**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**



9332008  
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## Wiring Diagram - G1 Galley Assembly Figure 2001 (Sheet 2)

**25-32-98**

Page 2003  
Apr 01/01

  
C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

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**25-32-98**

Page 2004  
Apr 01/01

## **DISASSEMBLY**

### **1. General**

- A. This section contains special instructions and notes needed to prevent damage to components and possible injury during disassembly of the G1 galley.
- B. To use this section, first refer to TESTING AND FAULT ISOLATION and CHECK to identify the damaged and worn parts. Then refer to paragraph 2, below, for any special disassembly instructions.
- C. Refer to REPAIR to replace all bonded components, adhesive-backed placards, electrical wiring, and potted inserts. Remove the attaching parts given in the IPL to remove all other components.
- D. No special tools or fixtures are needed to disassemble the G1 galley. Refer to REPAIR for adhesives and potting compounds.

**NOTE:** The disassembly sequence can be changed.

### **2. Disassembly Procedures**

**CAUTION:** THE G1 GALLEY ASSEMBLY HAS DECORATIVE SURFACES THAT ARE EASILY DAMAGED. COVER THE SURFACES AND HANDLE THE UNIT WITH CARE TO PREVENT DAMAGE.

**NOTE:** Many of the components can be replaced with the G1 galley installed in the aircraft.

#### **A. G1 Galley Assembly (IPL Figure 1)**

- (1) Remove the screws (10), washers (15), and coat room assembly (5). Refer to paragraph J. for disassembly procedures.
- (2) Remove the cockpit door assembly (20). Refer to CMM 25-17-01 to disassemble the cockpit door assembly.
- (3) Remove the G1 galley assembly (25, -25A). Refer to paragraph B. for disassembly procedures.

#### **B. G1 Galley Assembly (IPL Figure 2)**

- (1) Remove the electrical installation (-5). Refer to paragraph C. for disassembly procedures.
- (2) Remove the plumbing installation (-10). Refer to paragraph E. for disassembly procedures.

  
C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

- (3) Remove the rivets (20) and nameplate (15).
- (4) Remove the screw (30), washers (35), nut (40), and tie rod assembly (-25). Disassemble the tie rod assembly as follows:
  - (a) Remove the washers (45).
  - (b) Remove the nuts (50, 55).
  - (c) Remove the left hand rod end (58).
  - (d) Remove the clevis assembly (-60). Disassemble as follows, remove the bushings (60) and clevis (70).
  - (e) Remove the rod body (75).
- (5) Remove the screws (85), washers (90), and tie rod access cover (80).
- (6) Remove the velcro hooks (95).
- (7) Remove the electrical outlet cover (100).
- (8) Remove the rivets (110) and workshelf socket (105).
- (9) Remove the rivets (120) and workshelf socket assembly (-115). Disassemble the workshelf socket assembly as follows:
  - (a) Remove the spring pin (125) and socket (130).
- (10) Remove the screws (140), washers (145), and potable water system controller (135).
- (11) Remove the rubstrips (150, 155).
- (12) Remove the screws (165), washers (170), and entrance ceiling support bracket (160).
- (13) Remove the gap seal (175).
- (14) Remove the screws (185), washers (190), cockpit door hinge (180).
- (15) Remove the screws (200), washers (205), and fwd cockpit support (195).
- (16) Remove the screws (215), washers (220), and cockpit door hinge (210).
- (17) Remove the screws (230), washers (235), and access cover (225).
- (18) Remove the screws (245), washers (250), and upper fitting (240).

**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

- (19) Remove the screws (260), washers (265), and lower fitting (255).
- (20) Remove the screws (275) and covers (270).
- (21) Remove the screws (285), washers (290), and upper fitting (280).
- (22) Remove the screws (300), washers (305), and lower fitting (295).
- (23) Remove the rubstrip assembly (-310). Disassemble as follows:
  - (a) Remove the rubstrip (315).
  - (b) Remove the screws (325), and end caps (320).
  - (c) Remove the screw (335) and retainer (330).
- (24) Remove the screws (345), cap nuts (350), door hold open (340), and door hold open back plate (355).
- (25) Remove the screws (365), washers (370), and door assembly (360). Refer to paragraph F. for disassembly procedures.
- (26) Remove the screws (380), rivnuts (385), and door striker (375).
- (27) Remove the screws (395), washers (400), and miscellaneous compartment back cover (390).
- (28) Remove the nuts (410) and cart retainers (405).
- (29) Remove the nuts (425) and cart retainers (415, 420).
- (30) Remove the screw (435) and door stop (430).
- (31) Refer to REPAIR to replace the bonded door spacer (440).
- (32) Refer to REPAIR to replace the bonded splash guards (445, 450, 455).
- (33) Remove the screws (470), washers (475), and oven screen (460, 465).
- (34) Remove the screws (485), washers (490), and oven brackets (480).
- (35) Refer to REPAIR to replace the bonded rubstrips (495, 500, 505).
- (36) Remove the screws (515) and cart rubstrip (510).
- (37) Remove the screws (525) and cart rubstrip (520).

  
C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

- (38) Remove the screws (535) and cart rubstrips (530).
- (39) Remove the screws (540), washers (545), and assist handle (538).
- (40) For 9332001-505 only; remove the screws (554), washers (556), and assist handle (552).
- (41) Remove the pins (560), washers (565, 570), retainers (-575A), knobs (580), and rod assembly (-585). Disassemble the rod assembly as follows:
  - (a) Remove the pins (590), special screw (595), connecting rod (600), and distance tube (605).
- (42) Remove the screws (615) and divider tee (610).
- (43) Remove the screws (625) and divider tee (620).
- (44) Remove the screws (635) and cart stops (630).
- (45) Remove the screws (645) and stop (640).
- (46) Remove the screws (655), washers (660), and access cover (650).
- (47) Remove the screws (670), washers (675), and air supply access cover (665).
- (48) Remove the screws (685) and water tank cover panel (-680A).
- (49) Remove the water tank (690).
- (50) Remove the mylar abrasion strips (695).
- (51) Remove the clamps (700).
- (52) Remove the insulation (705).
- (53) Remove the screws (715), washers (720), and brackets (710).
- (54) Remove the screws (730), washers (735), and brackets (725).
- (55) Remove the screws (745), washers (750), and bracket (740).
- (56) Remove the screws (760) and bracket (755).
- (57) Remove the screws (770), washers (775), and fwd support water tank panels (765).
- (58) Remove the water tank leakage sump (780).

**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

- (59) Remove the screws (790) and water tank protection angle (785).
- (60) Refer to REPAIR to replace the bonded workdeck trim (795).
- (61) Remove the work counter assembly (800, -800A). Refer to paragraph G. for disassembly procedures.
- (62) Remove the velcro hook (810, 815).
- (63) Remove the screws (825), washers (830), and receptacle brackets (820).
- (64) Remove the outboard access panel assembly (835). Refer to paragraph I. for disassembly procedures.
- (65) Remove the G1 galley air duct assembly (840). Refer to paragraph H. for disassembly procedures.
- (66) Remove the screws (850) and coat rod (845).
- (67) Remove the screws (860) and coat rod fitting assembly (-855). Disassemble the coat rod fitting assembly as follows:
  - (a) Remove the insert (865) and fitting (870).
- (68) Remove the rivets (880) and ventilation cover assembly (-875). Disassemble the ventilation cover assembly as follows:
  - (a) Remove the rivets (890) and nutplate (885).
  - (b) Remove the cover (895).
- (69) Remove the extrusion trim installation (-900, -900A). Refer to paragraph K. for disassembly procedures.
- (70) Refer to REPAIR to replace the bonded structure assembly (905). Refer to paragraph L. for disassembly procedures.

C. G1 Galley Electrical Installation (IPL Figure 3)

**WARNING:** DISCONNECT ELECTRICAL POWER FROM THE G1 GALLEY BEFORE BEGINNING DISASSEMBLY. A DANGER OF SERIOUS OR FATAL INJURY EXISTS IF ELECTRICAL POWER IS PRESENT DURING DISASSEMBLY.

- (1) Refer to REPAIR to replace the placards (5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, - 60A, 65, 70, 75).
- (2) Remove the wire harness assembly (-80). Disassemble as follows:

  
C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

- (a) Remove the plug connector (85, 90, 95).
- (b) Remove the contact (100, 105).
- (c) Remove the terminal lugs (110, 115, 120).
- (3) Remove the wire harness assembly (-125). Disassemble as follows:
  - (a) Remove the plug connector (130, 135, 140).
  - (b) Remove the terminal lugs (145).
- (4) Remove the wire harness assembly (-150). Disassemble as follows:
  - (a) Remove the connectors (155, 160, 165).
  - (b) Remove the terminal lugs (170, 175).
- (5) Remove the jumper assembly (180). Disassemble as follows:
  - (a) Remove the quick ground jumper (185, 190).
- (6) Remove the screws (205), washers (210), and control module assembly (200). Refer to paragraph D. for disassembly procedures.
- (7) Remove the ground stud installations (215, 220).
- (8) Refer to REPAIR to replace the bonding tubes (225, 230).
- (9) Remove the screw (240) and static ground strip (235).
- (10) Remove the jumper (245).
- (11) Remove the screws (270), washers (275), and clamps (250, 255, 260, 265).
- (12) Remove the cable ties (280) and cable tie mounts (285).
- (13) Refer to REPAIR to replace the bonded edging grommet (-290A, -292).
- (14) Refer to REPAIR to replace the bonded grommets (-295A).
- (15) Remove the terminal link (300).
- (16) Remove the terminal block assembly (305, -310A).
- (17) Remove the screws (315), washers (320), and nuts (325).

**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

- (18) Remove the screws (340), washers (345), and water controller bracket (335).
- (19) Remove the screws (355, 360, 365), washers (370, 375, 380), and 15 amp outlet receptacle (350).
- (20) Remove the screws (390) and exit identifier base assembly (385).
- (21) Remove the screws (395), washers (400), and nuts (405).
- (22) Remove the screws (415), washers (420), and coffee maker bracket (410).
- (23) Remove the screws (430), washers (435), and water tank bracket (425).
- (24) Remove the screws (445), washers (450), and support angle (440).
- (25) Remove the screws (460), washers (465), and heater hose bracket (455).

**D. G1 Galley Control Module Assembly (IPL Figure 4)**

**WARNING: DISCONNECT ELECTRICAL POWER FROM THE G1 GALLEY BEFORE BEGINNING DISASSEMBLY. A DANGER OF SERIOUS OR FATAL INJURY EXISTS IF ELECTRICAL POWER IS PRESENT DURING DISASSEMBLY.**

- (1) Refer to REPAIR to replace the placards (5).
- (2) Remove the control module wire kit assembly (-10). Disassemble as follows:
  - (a) Remove the receptacle connectors (15, 20).
- (3) Remove the circuit breakers (25, 30, 35).
- (4) Remove the switches (40, 45, 50).
- (5) Remove the switch retention sleeves (55).
- (6) Remove the switch lamps (60).
- (7) Remove the screw (70) and ground stud installation (65).
- (8) Remove the screws (80), washers (85), locknuts (90), and terminal block assembly (75).
- (9) Remove the screws (95), washers (100), and nuts (105).
- (10) Remove the module bracket assembly (-110). Disassemble as follows:
  - (a) Remove the screws (120) and handle (115).

  
C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

- (b) Remove the screws (130) and connector bracket (125).
- (c) Remove the rivets (140) and support angle (135).
- (d) Remove the rivets (150) and base panel (145).
- (e) Refer to REPAIR to replace the bonded art work (155).
- (f) Remove the face panel (160).

**E. G1 Galley Plumbing Installation (IPL Figure 5)**

- (1) Remove the screws (-15A), washers (20), stand off clamps (-25A), and loop clamps (5, 10).
- (2) Remove the screws (-45A), washers (50), stand off clamps (-55A), and loop clamp (35, 40).
- (3) Remove the screw (-65A), washer (70), stand off clamp (-75A), and loop clamp (60).
- (4) Remove the screws (-90A), washers (95), stand off clamps (-100A), and loop clamp (80, 85).
- (5) Remove the screws (-115A), washers (120), stand off clamps (-125A), and loop clamp (105, 110).
- (6) Remove the screw (-140A), washer (145), stand off clamp (-150A), and loop clamp (135).
- (7) Remove the screws (-160A), washers (165), and loop clamps (155).
- (8) Remove the shell clamp (170) and hose clamps (175, 180, 185).
- (9) Remove the tie down straps (190, 200, 210).
- (10) Remove the foam hose insulation (195, 205, 215).
- (11) Remove the male elbow (225).
- (12) Remove the male adapter (230).
- (13) Remove the hose assembly (235).
- (14) Remove the tube union (240).
- (15) Remove the male connectors (245).

**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

- (16) Remove the tube (250).
- (17) Remove the screws (-255A), washers (260, 265), shut-off valve bezel (270), shut-off valve bracket (275), and shut-off valve (285).
- (18) Remove the tube (290).
- (19) Remove the port connector (295), union elbow (300), and adapter (305).
- (20) Remove the tee (310).
- (21) Remove the hose assembly (315).
- (22) Remove the flareless swivel elbow (320).
- (23) Remove the hose assembly (325, 330).
- (24) Remove the drain tube (340, 350, 355, 360).
- (25) Remove the hose supports (362).
- (26) Remove the manifold (365).
- (27) Remove the drain valve (370).
- (28) Remove the heated hose (375).
- (29) Remove the tees (385, 390).
- (30) Remove the hose assembly (395).
- (31) Remove the pressure transducer (400).
- (32) Remove the tubes (405).
- (33) Remove the vent valve (410).
- (34) Remove the check valve (415).
- (35) Remove the pressure relief valve (420).
- (36) Remove the hose assembly (425).
- (37) Remove the bolts (-435A), washers (-440A), and coffee maker rail assembly (430).
- (38) Remove the rubstrip assemblies (-445). Disassemble as follows:

  
C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

- (a) Remove the double sided tape (450) and rubstrip (455).
- (39) Remove the water filter (460).
- (40) Remove the screws (-470A), washers (475), and water filter mounting bracket (465).

**F. Door Assembly (IPL Figure 6)**

- (1) Remove the drive screws (5), hinge pin (10), half hinge (15), and door stop (20).
- (2) Remove the screws (25), double slide latch (30), and latch back plate (35).
- (3) Remove the trim hinge (40) and trim (45).
- (4) Refer to REPAIR to replace the bonded decor (50).
- (5) Remove the panel (55).

**G. Work Counter Assembly (IPL Figure 7)**

- (1) Remove the counter top (5).
- (2) Remove the sink assembly (-10, -10A). Disassemble as follows:
  - (a) Remove the rivets (20) and nutplates (15).
  - (b) Remove the screws (30), washers (35), and screen assembly (-25, -25A). Disassemble the screen assembly as follows:
    - 1. Remove the pin (40), cres spring (45), half hinge (50), and hinge assembly (-55, -55A). Disassemble the hinge assembly as follows:
      - a. Remove the bracket (60, -60A), half hinge (65), and screen (70).
    - (c) Remove the screen (75).
  - (d) Remove the sink assembly (-80, -80A). Disassemble as follows:
    - 1. Remove the tube (85) and sink (90, -90A).

**H. G1 Galley Air Duct Assembly (IPL Figure 8)**

- (1) Remove the screw (10), clamp spacer (15), and hose clamp (5).
- (2) Remove the screws (25), clamp spacers (30), and hose clamps (20).
- (3) Remove the screws (40), clamp spacers (45), and clamps (35).

**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

- (4) Remove the hose clamps (50).
- (5) Remove the louver (55).
- (6) Remove the tube (60).
- (7) Remove the air exhaust hose (65).
- (8) Remove the tube (70, 75).
- (9) Remove the air supply hose (80).
- (10) Remove the screws (85), air gasket (90), and tube (95).

I. Outboard Access Panel Assembly (IPL Figure 9)

- (1) Remove the foam seal (5).
- (2) Refer to REPAIR to replace the bonded decor (10), air grill (15), and flood light bracket assembly (20).
- (3) Remove the studs (25), half grommets (30), and spacers (35).
- (4) Remove the panel assembly (-40). Disassemble as follows:
  - (a) Remove the blind inserts (45).
  - (b) Remove the panel (50).

J. Coat Room Assembly (IPL Figure 10)

- (1) Remove the screws (10) and coat rod fitting assembly (5).
- (2) Remove the screws (20), washers (25), and angles (15).
- (3) Refer to REPAIR to replace the bonded coat room structure (-30). Disassemble as follows:

NOTE: Refer to REPAIR to replace the blind inserts.

- (a) Remove the panel (35, 40, 45, 50) and panel assembly (-55). Disassemble the panel assembly as follows:
  1. Remove the blind inserts (60) and panel (65).
- (b) Remove the panel assembly (-70). Disassemble as follows:

  
C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

1. Remove the blind inserts (75) and panel (80).
- (c) Remove the panel assembly (-85). Disassemble as follows:
  1. Remove the blind inserts (90) and panel (95).
- (d) Remove the panel assembly (-100). Disassemble as follows:
  1. Remove the blind inserts (105) and panel (110).

**K. Trim Installation (IPL Figure 11)**

- (1) Remove the trim (5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, -75A, -80A, 85, 90, 95, -95A).
- (2) For 9332009-505 only; remove the assist handle brackets (100).
- (3) Remove the assist handle brackets (105).

**L. Bonded Structure Assembly (IPL Figure 12)**

**NOTE:** Refer to REPAIR to replace the blind inserts.

- (1) Remove the screws (10), washers (15, 20), nuts (25), and upper attach bracket assembly (5).
- (2) Remove the screws (30), washers (35), and doublers (40, 45, 50, 55).
- (3) Remove the doublers (60, 65, 70, 75).
- (4) Remove the screws (85), washers (90), and upper observer seat fitting bracket (80).
- (5) Remove the screws (100), washers (105), and lower observer seat fitting bracket (95).
- (6) Remove the screws (115) and outside observer seat fitting doublers (110).
- (7) Remove the screws (130, 135), washers (140), and attendant seat fitting bracket assembly (120, 125).
- (8) Remove the screws (150) and outside attendant seat fitting doublers (145).
- (9) Remove the screws (160) and kick strip (155).
- (10) Remove the screws (170), cart retainer blocks (175, 180), and cart retainer doublers (185, 190, 195).
- (11) Remove the screws (200) and cart stop doublers (205, 210).

**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

- (12) Remove the oven tie down doubler (215).
- (13) Remove the screws (225) and corner angle (220).
- (14) Remove the screws (235), washers (240), and outboard corner doubler (230).
- (15) Remove the screws (250) and intermediate cart retainer mounting blocks (245).
- (16) Remove the pressure line access cutout doubler (255).
- (17) Remove the cart stop doubler (260, 265).
- (18) Remove the screws (285), washers (290), and support angle (270, 275, 280).
- (19) Remove the screws (300), washers (305), and inside doublers (295).
- (20) Remove the screws (320), screens (325), and outside doubler (310, 315).
- (21) Remove the spacer doubler (330).
- (22) Remove the screws (350) and floor fitting brackets (335, 340, 345).
- (23) Remove the screws (360) and floor fitting bracket (355).
- (24) Remove the screws (385) and floor fitting doubler (365, 370, 375, 380).
- (25) Remove the floor fitting doublers (390).
- (26) Remove access air supply cutout doubler (395).
- (27) Remove the panels (400, 405).
- (28) Remove the water controller mounting panel assembly (-410). Disassemble as follows:
  - (a) Remove the blind inserts (415, 420) and panel (425).
- (29) Remove the top panel assembly (-430). Disassemble as follows:
  - (a) Remove the blind inserts (-435A, -440A, -445A, 446, 448) and panel (450).
- (30) Remove the water controller panel (455).
- (31) Remove the oven divider panel assembly (-460). Disassemble as follows:
  - (a) Remove the blind inserts (-465A, 470) and panel (475).

  
C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

- (32) Remove the electrical outlet mounting panel assembly (-480). Disassemble as follows:
  - (a) Remove the blind inserts (485) and panel (490).
- (33) Remove the miscellaneous compartment outboard panel assembly (-495). Disassemble as follows:
  - (a) Remove the blind inserts (500, 505) and panel (510).
- (34) Remove the spacer panel assembly (-515). Disassemble as follows:
  - (a) Remove the blind insert (520), sleeves (525), and panel (530).
- (35) Remove the spacer panel assembly (-535). Disassemble as follows:
  - (a) Remove the blind insert (540, 545) and panel (550).
- (36) Remove the miscellaneous compartment panel (555).
- (37) Remove the coffee maker and miscellaneous compartment divider panel assembly (-560). Disassemble as follows:
  - (a) Remove the blind inserts (565) and panel (570).
- (38) Remove the miscellaneous compartment closeout panel (575).
- (39) Remove the workdeck panel assembly (-580). Disassemble as follows:
  - (a) Remove the blind inserts (585, 590, 595, 600) and panel (605).
- (40) Remove the side support water tank panel assemblies (-610). Disassemble as follows:
  - (a) Remove the blind inserts (615) and panel (620).
- (41) Remove the aft water tank panel assembly (-625). Disassemble as follows:
  - (a) Remove the blind inserts (630) and panel (635).
- (42) Remove the water tank panel (640, 645, 650).
- (43) Remove the inboard panel assembly (-655). Disassemble as follows:
  - (a) Remove the inserts (-660A, -665A) and panel (670).
- (44) Remove the inboard panel assembly (-675). Disassemble as follows:

**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

- (a) Remove the inserts (-680A, -685A, -690A) and panel (695).
- (45) Remove the forward backwall panel assembly (-700). Disassemble as follows:
  - (a) Remove the blind inserts (705, 710, 715) and panel (720).
- (46) Remove the cart outboard panel assembly (-725). Disassemble as follows:
  - (a) Remove the blind inserts (730, 735, 740) and panel (745).
- (47) Remove the aisle panel assembly (-750). Disassemble as follows:
  - (a) Remove the blind inserts (-755A, -760A, -765A, 768) and panel (770).
- (48) Remove the screws (785) and cutout doubler (775, 780).

  
C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

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## **CLEANING**

### **1. General**

A. This section provides cleaning instructions for passenger cabin interior equipment made by C&D Aerospace. Correct use of the materials and equipment will provide acceptable cleaning, minimize hazards to personnel, and prevent possible damage to the equipment.

**NOTE:** The companies that make the cleaning materials can change the formula. Therefore, always follow the instructions given on the container. The instructions to mix and use the cleaning materials, given on or provided with the container, supersede the instructions given here.

B. The recommended cleaning materials are given in Table 4001.

**NOTE:** Equivalent items can be used.

### **2. Safety Precautions**

A. All cleaning materials have some hazard related to their use. Follow the safety warnings given below to make sure personnel are safe and to prevent damage to the equipment.

**WARNING:** METHYL-ETHYL-KETONE (MEK) AND ACETONE ARE POISONOUS AND FLAMMABLE. PREVENT EYE AND SKIN CONTACT AND DO NOT BREATHE THE VAPORS. KEEP AWAY FROM HEAT AND OPEN FLAME. USE IN A WELL VENTILATED AREA. DO NOT TAKE INTERNALLY. WEAR GLOVES AND USE DISCRETION TO AVOID VAPOR CONTACT WITH EYES AND NOSE. USE OF RESPIRATOR AND GOGGLES IS ADVISED.

BRULIN 815MX CONTAINS 2-AMINOETHANOL. DIRECT CONTACT CAN CAUSE EYE IRRITATION. LONG CONTACT CAN CAUSE SKIN IRRITATION. WEAR ADEQUATE AND DISCRETIONARY PROTECTION TO PREVENT AND MINIMIZE SKIN CONTACT AND EYE IRRITATION.

ALL HOUSEHOLD DETERGENTS, SOAPS, AND OTHERS CLEANING AGENTS NORMALLY ARE ALKALINE SOLUTIONS. EYE IRRITATIONS AND SKIN SENSITIVITY IS POSSIBLE. WEAR ADEQUATE AND DISCRETIONARY PROTECTION TO PREVENT AND MINIMIZE HAZARDS.

### **3. Cleaning Procedures**

A. General Surface Cleaning (Including Vinyl-Décor Covered Panels)

**CAUTION:** THE DECORATIVE LAMINATE SURFACE OF VARIOUS INTERIOR COMPONENTS CAN BE DAMAGED BY THE USE OF INCORRECT CLEANING MATERIALS AND EQUIPMENT, OR INCORRECT MIXING OF THE SPECIFIED CLEANING MATERIALS.



**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

**CAUTION:** DO NOT USE ABRASIVE MATERIALS ON THE DECORATIVE SURFACES.  
 DO NOT SCRAPE THE SURFACES WITH SHARP TOOLS.

Table 4001. Cleaning Tools and Materials

Nomenclature	Part or Specification Number	Source (CAGE)*
Apron	---	Commercially Available
Cotton Cloths (clean and dry)	---	Commercially Available
Protective eye wear or safety goggles	---	Commercially Available
Rubber Gloves, Latex or better	---	Commercially Available
Soft-bristled brush	---	Commercially Available
Solvent, cleaning Adhesive removal	ACETONE	Commercially Available
	MEK (Methyl-Ethyl-Ketone) (metal parts only)	Commercially Available
	BRULIN 815MX	Brulin & Co. (V94058)
	CALLA 301-A LEMON	Zip-Chem Prod., Inc. (V8E913)
General overall surface cleaning (including décor)	Mild household detergent	Commercially Available
	BRULIN 815MX	Brulin & Co. (V94058)
	CALLA 301-A LEMON	Zip-Chem Prod., Inc. (V8E913)
Metal cleaning	Solvent, Federal Specification P-D-680, Type III	Optional
	MEK (Methyl-Ethyl-Ketone) (metal parts only)	Commercially Available
	BRULIN 815MX	Brulin & Co. (V94058)
	CALLA 301-A LEMON	Zip-Chem Prod., Inc. (V8E913)


  
**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

Table 4001. Cleaning Tools and Materials

Nomenclature	Part or Specification Number	Source (CAGE)*
Metal Preservation, Corrosion Inhibitors/ Cleaners	VCI-416 Cleaner Corrosion Inhibitor	Cortec Corporation (V8K356)
	Corpwipe 300	Cortec Corporation (V8K356)
Plastic Blade Scrapper or Spatula	---	Commercially Available
Sponges (clean and dry)	---	Commercially Available
Spray bottles	---	Commercially Available
Vacuum unit	---	Commercially Available

\* Refer to the IPL, paragraph 6, for the address.

(1) Use of Mild Household Detergent

Prepare a solution of mild household detergent (Table 4001) with lukewarm water (90°-120°F). Solution should be 1 part detergent to 50 parts of water by volume. Apply the solution to the surface with a sponge or cotton cloth.

On porous surfaces, the cloth or sponge should be lightly dampened with the solution and the surfaces should be cleaned using circular swipes. Do not allow excess solution to be forced from the sponge or cloth into the surface. Press Lightly.

On non-porous surfaces, such as Tedlar or vinyl, surfaces can be scrubbed with a wet sponge or cloth. Do not allow excess to run off onto adjoining surfaces. Take care that excess does not come into contact with porous surfaces.

For all surfaces, scrub soiled areas as necessary, and repeat applications of mild detergent to remove contamination. Use a soft bristled brush to clean heavily textured surfaces or crevices. Rinse the surfaces with clean water, or use a fresh sponge or cloth dampened with clean water to remove residue. Dry the surfaces with a clean, dry cotton cloth.

**CAUTION:** DO NOT USE BRULIN 815MX CLEANER UNDILUTED. SOLUTIONS STRONGER THAN SPECIFIED CAN DAMAGE THE DECORATIVE SURFACES.

**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

**(2) Use of BRULIN 815MX**

Prepare a solution of BRULIN 815MX (Table 4001) with cool or lukewarm water (90°-120°F). Solution should be 1-part BRULIN 815MX to 64 parts of water by volume, for light soil. Solution can be increased up to 1 part of BRULIN 815 MX to 10 parts of water by volume. The solution can be applied using a spray bottle, soft bristled brush, sponge or cotton cloth.

**NOTE: COOL WATER WORKS BEST WITH NORMAL DIRT AND DUST. WARM WATER WORKS BEST WITH OILY SURFACES.**

On porous surfaces, do not use spray bottles. Cloth or sponge should be lightly dampened with the solution, and the surfaces should be cleaned using circular swipes. Do not allow excess solution to be forced from the sponge or cloth into the surface. Press Lightly.

On non-porous surfaces, such as Tedlar or vinyl, surfaces can be scrubbed with a wet sponge or cloth, or the material may be sprayed onto the surfaces and scrubbed with a clean sponge or cloth. Do not allow excess to run off onto adjoining surfaces. Take care that excess does not come into contact with porous surfaces.

For all surfaces, scrub soiled areas as necessary, and repeat as necessary to remove contamination. Use a soft bristled brush to clean heavily textured surfaces or crevices. Rinse the surfaces with clean water, or use a fresh sponge or cloth dampened with clean water to remove residue. Dry the surfaces with a clean, dry cotton cloth.

**(3) Use of CALLA 301-A LEMON**

Prepare a solution of CALLA 301-A LEMON (Table 4001) with cool or lukewarm water (90°-120°F). Solution should be 1 part CALLA 301-A LEMON to 4-8 parts of water by volume for normal cleaning. For concentrated dirt, or spots, use full strength. The solution can be applied using a spray bottle, soft bristled brush, or cotton cloth.

**NOTE: COOL WATER WORKS BEST WITH NORMAL DIRT AND DUST. WARM WATER WORKS BEST WITH OILY SURFACES.**

On porous surfaces, do not use spray bottles. Cloth or sponge should be lightly dampened with the solution, and the surfaces should be cleaned using circular swipes. Do not allow excess solution to be forced from the sponge or cloth into the surface. Press Lightly.

On non-porous surfaces, such as Tedlar or vinyl, surfaces can be scrubbed with a soft bristled brush or wet sponge or cloth, or the material may be sprayed onto the surfaces and scrubbed with the soft bristled brush, a clean sponge or cloth. Do not allow excess to run off onto adjoining surfaces. Take care that excess does not come into contact with porous surfaces.

For all surfaces, scrub soiled areas as necessary, and repeat as necessary to remove contamination. Use a soft bristled brush to clean heavily textured surfaces or crevices. Rinse the surfaces with clean water, or use a fresh sponge or cloth dampened with clean water to remove residue. Dry the surfaces with a clean, dry cotton cloth.

B. Metal Parts

**CAUTION:** DO NOT LET SOLVENTS CONTACT THE DECOR MATERIAL OR PLASTIC COMPONENTS. MEK AND ACETONE CAN DAMAGE SOME COMPONENTS, AND MATERIALS.

DO NOT SATURATE CLOTH WITH SOLVENT BY PLACING THE CLOTH OVER THE CONTAINER MOUTH AND TURNING THE CONTAINER TO WET THE CLOTH. THIS CAN CAUSE CONTAMINATION OF THE SOLVENT SOURCE. ALWAYS POUR THE SOLVENT ONTO THE CLOTH OR USE A DISPENSER CAN DESIGNED TO ISOLATE CONTAMINATES.

**NOTE:** It is recommended that regardless of cleaning method employed; that metal surfaces should be treated with a corrosion inhibitor. Metal surfaces are normally treated or anodized to prevent corrosion. Normal wear, and abnormal abuse affect corrosion, and it is always a factor in aircraft.

Do not scour or abrade surfaces. Corrosion protection is normally a thin layer of anodize or organic agent. Abrasion may remove the protective film coating.

(1) Use of Solvents

Dampen a clean dry cotton cloth with the solvent by pouring the solvent onto the cloth. Wipe the metal surfaces with the solvent. Repeat applications as necessary to remove all dirt. Dry the parts with a clean, dry cotton cloth. Do not allow solvent to evaporate on surface. Do not re-use cloth as this may redeposit contaminants on the surface. For oxidation, powdery white corrosion, use corrosion inhibitor/cleaner.

(2) Use of BRULIN 815 MX

Prepare a solution of BRULIN 815MX (Table 4001) with cool or lukewarm water (90°-120°F). Solution should be 1-part BRULIN 815MX to 64 parts of water by volume, for light soil. Solution can be increased up to 1 part of BRULIN 815 MX to 10 parts of water by volume. The solution can be applied using a spray bottle, soft bristled brush, sponge or cotton cloth.

**NOTE:** COOL WATER WORKS BEST WITH NORMAL DIRT AND DUST. WARM WATER WORKS BEST WITH OILY SURFACES.

Surfaces can be scrubbed with a wet sponge or cloth, or the material may be sprayed onto the surfaces and scrubbed with a clean sponge or cloth or soft bristled brush. Do not allow excess to run off onto adjoining surfaces. Take care that excess does not come into contact with porous surfaces.

For all surfaces, scrub soiled areas as necessary, and repeat applications as necessary to remove contamination. Use a soft bristled brush to clean heavily soiled areas or crevices. Rinse the surfaces with clean water, or use a fresh sponge or cloth dampened with clean water to remove residue. Dry the surfaces with a clean, dry cotton cloth.

  
C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

**(3) Use of CALLA 301-A LEMON**

Prepare a solution of CALLA 301-A LEMON (Table 4001) with cool or lukewarm water (90°-120°F). Solution should be 1 part CALLA 301-A LEMON to 4-8 parts of water by volume for normal soil. Use full strength for heavy soil. The solution can be applied using a spray bottle, soft bristled brush, sponge or cotton cloth.

**NOTE: COOL WATER WORKS BEST WITH NORMAL DIRT AND DUST. WARM WATER WORKS BEST WITH OILY SURFACES.**

Surfaces can be scrubbed with a wet sponge or cloth, or the material may be sprayed onto the surfaces and scrubbed with a clean sponge or cloth or soft bristled brush. Do not allow excess to run off onto adjoining surfaces. Take care that excess does not come into contact with porous surfaces.

For all surfaces, scrub soiled areas as necessary, and repeat applications as necessary to remove contamination. Use a soft bristled brush to clean heavily soiled areas or crevices. Rinse the surfaces with clean water, or use a fresh sponge or cloth dampened with clean water to remove residue. Dry the surfaces with a clean, dry cotton cloth.

**(4) Use of VCI-416**

Prepare a solution of VCI-416 (Table 4001) with cool or lukewarm water (90°-120°F). Solution should be 1 part VCI-416 to 50 parts of water by volume, for light soil. Solution can be increased up to 1 part of VCI-416 to 10 parts of water by volume for heavy soil. The solution can be applied using a spray bottle, soft bristled brush, sponge or cotton cloth.

**NOTE: COOL WATER WORKS BEST WITH NORMAL DIRT AND DUST. WARM WATER WORKS BEST WITH OILY SURFACES.**

**MATERIAL IS NON-TOXIC, NON CORROSIVE AND IS USDA APPROVED.  
IT HAS MILD FOAMING DURING APPLICATION.**

Surfaces can be scrubbed with a wet sponge or cloth, or the material may be sprayed onto the surfaces and scrubbed with a clean sponge or cloth. Do not allow excess to run off onto adjoining surfaces. Take care that excess does not come into contact with porous surfaces.

For all surfaces, scrub soiled areas as necessary, and repeat as necessary to remove contamination. Use a soft bristled brush to clean heavily textured surfaces or crevices. No rinsing is necessary. Allow metal surfaces to remain wet for a minimum of 1 minute prior to drying. Dry the surfaces with a clean, dry cotton cloth.

C. Adhesives

**CAUTION:** DO NOT LET SOLVENTS CONTACT THE DECOR MATERIAL OR PLASTIC COMPONENTS. MEK AND ACETONE CAN DAMAGE SOME COMPONENTS, AND MATERIALS.

DO NOT SATURATE CLOTH WITH SOLVENT BY PLACING THE CLOTH OVER THE CONTAINER MOUTH AND TURNING THE CONTAINER TO WET THE CLOTH. THIS CAN CAUSE CONTAMINATION OF THE SOLVENT SOURCE. ALWAYS POUR THE SOLVENT ONTO THE CLOTH OR USE A DISPENSER CAN DESIGNED TO ISOLATE CONTAMINATES.

**NOTE:** It is recommended that regardless of cleaning method employed; that metal surfaces should be treated with a corrosion inhibitor. Metal surfaces are normally treated or anodized to prevent corrosion. Normal wear, and abnormal abuse affect corrosion, and it is always a factor in aircraft.

(1) Use of Solvents

To remove adhesive tape or adhesive residue from metal parts, dampen a clean dry cotton cloth with the solvent by pouring the solvent onto the cloth. Wipe onto the adhesive residue or tape. Peel as much tape from the surface as possible. Use of a plastic scrapper or spatula to remove as much solid material is recommended. Do not scratch surfaces, this reduces corrosion protection. Do not use metal scrappers, as this increases damage risk.

Repeat solvent applications as necessary to remove all residues. Dry the parts with a clean, dry cotton cloth. Do not allow solvent to evaporate on surface.

(2) Use of BRULIN 815 MX

Prepare a solution of BRULIN 815MX (Table 4001) with lukewarm water (90°-120°F). Solution 1 part of BRULIN 815 MX to 10 parts of water by volume. The solution can be applied using a sponge or cotton cloth.

**NOTE:** WARM WATER WORKS BEST WITH MOST ADHESIVE RESIDUES.

Surfaces can be wiped with a wet sponge or cloth, or the material may be sprayed onto the surfaces and wiped with a clean sponge or cloth or soft bristled brush. Do not allow excess to run off onto adjoining surfaces. Take care that excess does not come into contact with porous surfaces.

For all surfaces, scrub soiled areas as necessary, and repeat applications as necessary to remove contamination. Use a soft bristled brush to clean heavily soiled areas or crevices. Rinse the surfaces with clean water, or use a fresh sponge or cloth dampened with clean water to remove residue. Dry the surfaces with a clean, dry cotton cloth.

  
C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

**(3) Use of CALLA 301-A LEMON**

Prepare a solution of CALLA 301-A LEMON (Table 4001) Use full strength. The solution can be applied using a spray bottle, soft bristled brush, sponge or cotton cloth.

Surfaces can be wiped with a wet sponge or cloth, or the material may be sprayed onto the surfaces and scrubbed with a clean sponge or cloth or soft bristled brush. Do not allow excess to run off onto adjoining surfaces. Take care that excess does not come into contact with porous surfaces.

For all surfaces, scrub soiled areas as necessary, and repeat applications as necessary to remove contamination. Use a soft bristled brush to clean heavily soiled areas or crevices. Rinse the surfaces with clean water, or use a fresh sponge or cloth dampened with clean water to remove residue. Dry the surfaces with a clean, dry cotton cloth.

**(4) Use of VCI-416**

For use on Metal surfaces with adhesive tape or residue. Prepare a solution of VCI-416 (Table 4001) with lukewarm water (90°-120°F). Solution should be 1 part VCI-416 to 10 parts of water by volume. The solution can be applied using a spray bottle, soft bristled brush, sponge or cotton cloth.

**NOTE: WARM WATER WORKS BEST WITH MOST ADHESIVE RESIDUE.**

Surfaces can be scrubbed with a wet sponge or cloth, or the material may be sprayed onto the surfaces and scrubbed with a clean sponge or cloth. Do not allow excess to run off onto adjoining surfaces. Take care that excess does not come into contact with porous surfaces.

Scrub soiled areas as necessary, and repeat as necessary to remove contamination. Use a soft bristled brush to clean heavily textured surfaces or crevices. No rinsing is necessary. Allow metal surfaces to remain wet for 1 minute. Dry the surfaces with a clean, dry cotton cloth.

**4. Metal Preservation and Corrosion Inhibition**

**A. General Surface Cleaning and Preservation Metal Surfaces.** Cortec VCI 416 is non-toxic and USDA Approved for metal surfaces. Removes oxidation as well as normal dirt and contamination. It is recommended for use, to insure metal preservation.

**(1) To Use Cortec VCI 416**

Cortec VCI 416 Cleaner, Corrosion Inhibitor can be purchased in 16 oz spray bottles or purchased in concentrated form. For use as a cleaner: heavy soil/cleaning use concentrate at 1 part VCI-416 to 10 parts water. For Light Duty Cleaning, use 1 part VCI-416 to 50 parts water.

  
C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

Cortec VCI 416 use as Corrosion Inhibitor: if other cleaners are used, spray metal surfaces with Cortec VCI 416 or apply with a damp cloth. Wipe surfaces with a dry clean cloth to remove any residue from cleaning process. Spray or apply a second coat of Cortec VCI 416. Leave wet for a minimum of 1 minute. Follow with a clean dry, cloth.

If Cortec VCI 416 was used as cleaner, insure that the surfaces remain wet for 1 minute prior to drying.

(2) To Use Cortec Corwipe 300

Corwipe 300 Wipes are impregnated with corrosion inhibitors and offer mild cleaning. These wipes can be used after final wipe down of surfaces with a clean dry shop wipe.

When used as the final wipe down they will give added corrosion resistance to metal surfaces.

  
C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

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## **INSPECTION/CHECK**

### **1. General**

- A. Refer to paragraph 2 to visually examine the components of the G1 galley for damage and wear.
- B. Refer to REPAIR to repair minor damage. If the damage is major or beyond simple repair, replace the part.

### **2. Component Checks**

Detailed check procedures are given in Table 5001.

Inspection/Check Procedures  
Table 5001 (Sheet 1 of 4)

Component	Inspect/Check For	Corrective Action
G1 Galley Assembly (IPL Figure 2)	Bent or damaged tie rod assy (-25).  Unreadable or missing placards (15).  Broken assist handle (555).  Misaligned or damaged hinge (180, 210).	Replace.  Replace.  Replace.  Adjust hinge hardware or replace.
Electrical Installation (IPL Figure 3)	Cut or cracked insulation on the electrical wiring; burns or other electrical damage; corroded or damaged harness assembly, contacts or connections.  Damaged electrical component; refer to TESTING AND FAULT ISOLATION to check the component function.  Bent or damaged sockets or contacts in the connectors and receptacles; crossed or stripped threads on the connector shell.  Deformed or damaged clamps (250, 255, 260, 265).  Corroded or damaged wire connections.	Repair.  Replace damaged parts.  Replace damaged parts.  Replace.  Replace.



**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

Inspection/Check Procedures  
 Table 5001 (Sheet 2 of 4)

Component	Inspect/Check For	Corrective Action
Electrical Installation (IPL Figure 3) - continued	Deteriorated or damaged grommets (290, 295).	Replace.
Control Module Assembly (IPL Figure 4)	Cut or cracked insulation on the electrical wiring; burns or other electrical damage; corroded or damaged harness assembly, contacts or connections.  Damaged electrical component; refer to TESTING AND FAULT ISOLATION to check the component function.  Bent or damaged sockets or contacts in the connectors and receptacles; crossed or stripped threads on the connector shell.  Corroded or damage wire connections.  Damaged or deformed connectors (15, 20).  Damaged electrical switches (40, 45, 50).  Damaged lamps (60).  Damaged circuit breakers (25, 30, 35).	Repair.  Replace damaged parts.  Replace damaged parts.  Replace.  Replace.  Replace.  Replace per REPAIR section.
Plumbing Installation (IPL Figure 5)	Cut or cracked tubes, hoses or adaptors; stripped clamps.  Damaged plumbing component; refer to TESTING AND FAULT ISOLATION to check the function of the plumbing components.  Damaged adapters, elbows, connectors or other piping components.  Punctured, gouged, or dented tubes.	Replace.  Replace.  Replace damaged components.  Replace the damaged tubes.



**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

Inspection/Check Procedures  
 Table 5001 (Sheet 3 of 4)

Component	Inspect/Check For	Corrective Action
Plumbing Installation (IPL Figure 5) - continued	Loose, missing or damaged clamps.  Damaged or deformed shut-off valve (285) or shut-off valve bracket (275).	Replace or refer to ASSEMBLY to reinstall.  Replace the damaged part.
Door Assembly (IPL Figure 6)	Damaged or worn latch (30).	Replace.
Work Counter Assembly (IPL Figure 7)	Damaged or deformed hinge (15, 40).	Replace.
Air Duct Assembly (IPL Figure 8)	Damaged or loose clamps (5, 20, 35, 50).  Cracked or broken tubes (60, 70, 75, 95) or hoses (65, 80).	Replace.  Replace.
Outboard Access Panel Assembly (IPL Figure 9)	Damage gasket (90).  Broken bonded air grill (15).  Damaged seals (5).  Damaged grommets (30).  Damaged inserts (45).	Replace.  Replace per REPAIR section.  Replace.  Replace.  Replace per REPAIR section.
Coat Room Assembly (IPL Figure 10)	Bent, cracked, or damaged fitting (5).  Loose bond.	Replace.  Refer to REPAIR to bond loose panel.
Trim Installation (IPL Figure 11)	Damaged inserts (60, 75, 90, 105).  Loose bond.	Replace per REPAIR section.  Refer to REPAIR to bond loose trim.

  
C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

Inspection/Check Procedures  
Table 5001 (Sheet 4 of 4)

Component	Inspect/Check For	Corrective Action
Bonded Structure Assembly (IPL Figure 12).	Punctures, scratches, or gouges in the panels; separation between the bonded panels.  Bent, cracked, or damaged fittings.  Loose, bent, cracked, or damaged brackets (5, 80, 95, 120, 125, 335, 340, 345, 355).  Bent or damaged kick strip (155).  Crossed or stripped threads in the potted inserts; inserts loose or out of alignment.	Repair the damage to the panels; the individual panels cannot be replaced.  Replace.  If loose, tighten with attaching hardware. If damaged, replace.  Replace.  Repair/replace per REPAIR section.

## **REPAIR**

### **1. General**

A. This section contains procedures to replace or install bonded components, replace damaged inserts, and make the other general repairs given below.

Paragraph	Repair Action
2	Replace or install bonded components
3	Replace potted inserts
4	Fill edge holes in honeycomb panels
5	Replace adhesive-backed placards
6	Repair electrical circuits

B. The recommended tools and materials are given in Table 6001.

**NOTE:** Equivalent items can be used.

### **2. Replace or Install Bonded Components**

**WARNING:** THE MEK SOLVENT AND ADHESIVES ARE VERY FLAMMABLE AND CAN DAMAGE YOUR EYES AND NOSE. USE THE ITEMS ONLY IN WELL VENTILATED AREAS AWAY FROM OPEN FLAMES. FLUSH IRRITATED EYES WITH WATER.

A. Remove the loose or damaged components. Abrade all metal surfaces with medium grit aluminum oxide abrasive cloth (Table 6001).

B. Clean the component and the bonding surface with clean, lint-free cloths and MEK solvent (Table 6001). Wipe the part dry before the solvent evaporates. Wear gloves to handle cleaned components.



**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

Repair Tools and Materials  
 Table 6001 (Sheet 1 of 2)

Nomenclature	Part or Specification Number	Source (CAGE)*
Abrasive Cloth, Aluminum Oxide, Medium Grit	Federal Specification P-C-451	Commercially Available
Adhesives (alternate source listed)	Epibond 1210-A (Resin) 9615-B (Hardener)  L-301-A (Resin) L-301-B (Hardener)  Versilok 506 Accelerator No. 4	Ciba-Geigy (V01684)  J.D. Lincoln, Inc. (V0K9V8)  Lord Corp. (V30676)
Alcohol, Ethyl	Federal Specification TT-I-735	Commercially Available
Alodine	#1200	Commercially Available
Compressed air, 15 to 20 psig (104 to 138 kPag)	- - -	Commercially Available
Guide Tool	SLT 600G**	Shur-Lok Corp. (V97393)
Plug, Sealing 10 AWG 12 AWG 16 AWG 20 AWG 22 AWG	MS27488-10 MS27488-12 MS27488-16 MS27488-20 MS27488-22	Commercially Available
Potting Compound, Inserts (alternate sources listed)	EY 3010 (Kit) Resin (Part A) Mod II Hardener (Part B) Mod II  Epocast 88703-A (Resin) 88703-B (Hardener)  7160-A (Resin) 7160-B (Hardener)	Ciba-Geigy (V01684)  Ciba-Geigy (V01684)  Fiber Resin Corp. (V0HB93)
Protective Coating, Corrosion, Blue	Nycote 7-11	Nycote Laboratories (V05803)

\* Refer to the IPL, paragraph 6, for the address.

\*\* Add insert tab number to guide tool part number. Example: Insert tab number: T2 would use guide tool part number: SLT 600G2.


  
**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

 Repair Tools and Materials  
 Table 6001 (Sheet 2 of 2)

Nomenclature	Part or Specification Number	Source (CAGE)*
Sealant, Panel Edge	FR-8136W (Parts A and B)	Fiber Resin Corp. (V0HB93)
Sealant, Silicone (white)	RTV 102	General Electric Co. (V01139)
Sealant Gun, Pneumatic	Model 250	Products Research, Inc. (V5P793)
Solvent, Methyl-Ethyl-Ketone (MEK)	Federal Specification TT-M-261	Commercially Available
Splice, Wire	48-7190 48-7191	Amphenol (V77820)
Wire, Electrical (match color)		Commercially Available
10 AWG	MIL-W-22759/34-10-9	
12 AWG	MIL-W-22759/34-12-9	
16 AWG	MIL-W-22759/34-16-9	
20 AWG	MIL-W-22759/34-20-9	
22 AWG	MIL-W-22759/34-22-9	
Wrap, Spiral	SW31	Alpha Electric Co. (V3U683)

\* Refer to the IPL, paragraph 6, for the address.

C. Mix the two-part adhesive (resin and hardener, Table 6001) in the approximate mix ratio given below. Mix no more than can be used within the pot life of the adhesive. Blend the components fully without stirring too much air into the mixture.

<u>Adhesive</u>	<u>Mix Ratio By Weight</u> <u>Resin/Hardener</u>	<u>Approx. Pot Life</u> <u>60°F to 80°F</u>
1210-A/9615-B	50/50	60 minutes
L301-A/L301-B	100/50	60 minutes

NOTE: Always follow the instructions given by the manufacturer. The mix ratio may have changed after publication of this manual. The Versilok adhesive does not need to be mixed.

D. If Versilok adhesive (Table 6001) is required, coat both surfaces with Accelerator No. 4 (Table 6001). Allow the accelerator to dry, which should not take more than 5 minutes at 75° F (24° C).

E. Use the sealant gun (Table 6001) to apply adhesive to the bonding surfaces. The extruded adhesive bead must be continuous and sufficient to form some squeeze-out when the parts

  
C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

are assembled.

- F. Install the component and feather-edge the squeeze-out to form a small fillet.
- G. Remove the excess adhesive with clean, lint-free cloths and the MEK solvent (Table 6001). Wipe the part dry before the MEK evaporates.
- H. Allow the adhesive to cure for 48 hours at 75° F to 80° F (24° C to 27° C), or 2 hours at 150° F to 160° F (66° C to 71° C).
- I. Touch-up visible bond-line voids with adhesive. Feather smooth the adhesive to avoid too much build-up. Allow the adhesive to set at least 2 to 3 hours before the assembly is handled.
- J. Fill corners and gaps with white RTV 102 sealant (Table 6001).

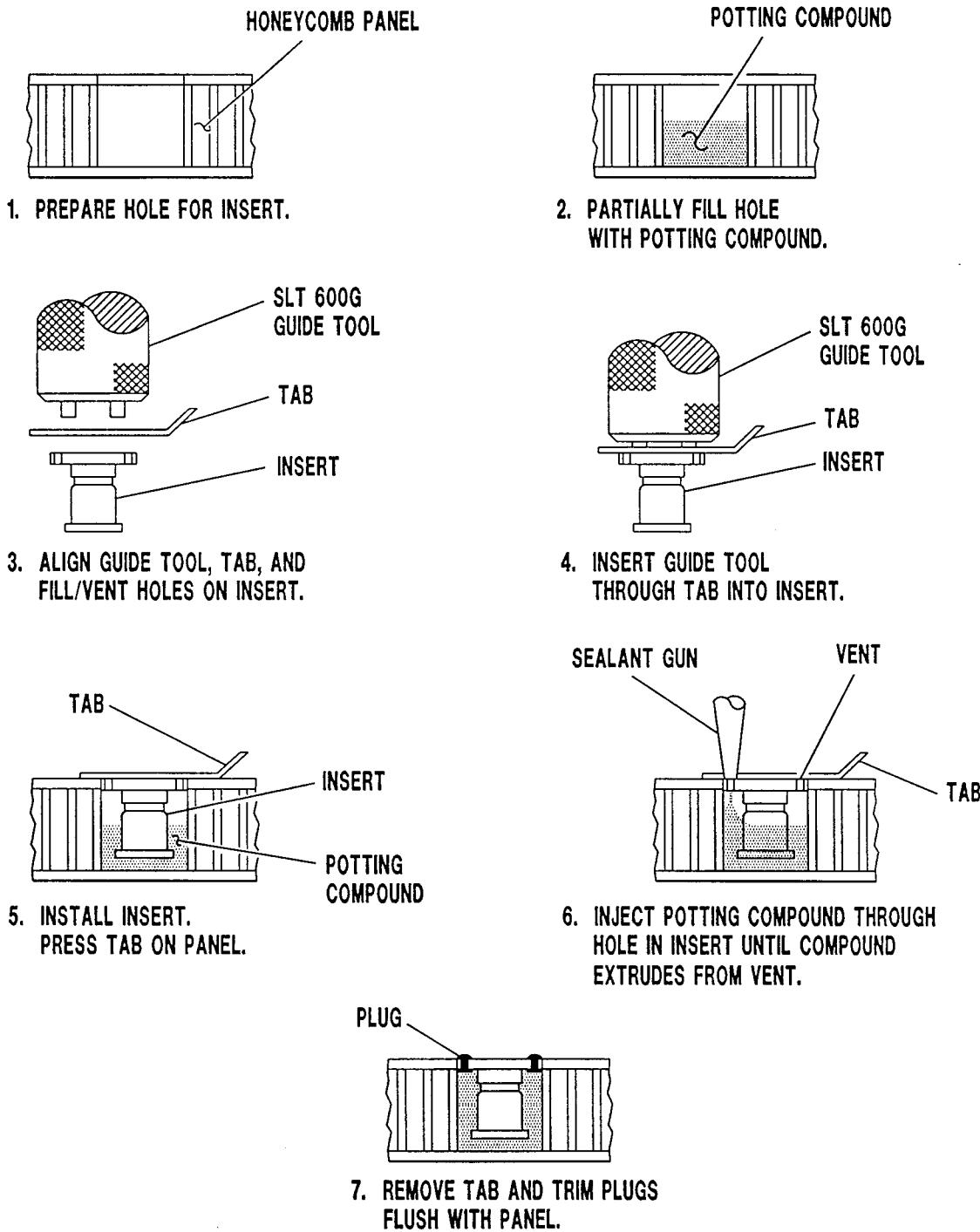
3. Replace Potted Inserts (Refer to Figure 6001)

**NOTE:** Use this procedure to replace inserts installed with potting compound in the honeycomb panels.

**WARNING:** THIS PROCEDURE APPLIES HAZARDOUS MATERIALS. FOLLOW SHOP SAFETY PRACTICES CLOSELY TO AVOID INJURY.

- A. Drill out the damaged insert. Do not enlarge the hole beyond the minimum needed to remove the insert.
- B. Use a flat-bottom drill or counterbore tool to finish the hole. The hole must extend 1/4 inch (0.6 cm) beyond the insert length, and can extend to but not contact the opposite skin of the panel, if necessary. Undercut the solid-core panels (i.e., balsa, foam) to a diameter 1-1/2 to 2 times the installation hole diameter. Do not damage either skin.
- C. Remove all debris and particles from the drilled hole with a vacuum or dry compressed air. It is important to remove all debris, including partially drilled and loosened cell walls, to assure that the potting compound will contact the core material.
- D. Use clean, lint-free cloths and MEK solvent (Table 6001) to wipe away oily dirt and debris. Allow at least 15 minutes at room temperature for the solvent to evaporate from the honeycomb.

**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**



Insert Installation With Potting Compound  
Figure 6001

  
C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

E. Clean the replacement insert by vapor degreasing, solvent washing, or other means. The cleaned insert should be handled with clean gloves.

**NOTE:** Pressure-sensitive alignment tabs or other installation aids may be attached to the inserts. Reinstall the tabs after cleaning.

F. Mix the potting resin and hardener compound (Table 6001) in the approximate mix ratio given below. Mix no more than can be used within the pot life of the compound. Blend the resin and hardener components fully without stirring too much air into the mixture.

<u>Adhesive</u>	<u>Mix Ratio By Weight Resin/Hardener</u>	<u>Approx. Pot Life 60°F to 80°F</u>
EY 3010 (Kit)	100/8	20 to 25 minutes
88073-A/B	100/24	10 to 15 minutes
7160-A/B	100/10	20 to 25 minutes

**NOTE:** Always follow the instructions given by the manufacturer. The mix ratio may have changed after publication of this manual.

G. Fill the hole in the panel 1/2 to 2/3 full with potting compound.

H. Insert the SLT 600G guide tool (Table 6001) into the two holes in the insert. Do not remove the tab.

I. Slowly turn the insert while lowering it into the panel to prevent voids in the potting compound. Press the tab firmly against the panel.

**CAUTION:** TOO RAPID INJECTION OF POTTING COMPOUND WILL FORCE THE INSERT AWAY FROM THE PANEL.

J. Use the sealant gun (Table 6001) to slowly inject potting compound into one hole of the insert until some compound comes out of the other hole. Allow the potting compound to cure for 24 hours at 70° F to 90° F (21° C to 32° C), or 5 hours at 100° F to 120° F (38° C to 49° C).

K. Remove the tab and trim the small plugs of potting compound that extend from the holes in the insert.

L. Check the insert for proper installation. The insert must be installed no more than 0.030 inch (0.076 cm) above or below the face of the panel. The insert must not be off-center or installed at an angle.

4. Fill Edge Holes in Honeycomb Panels

**NOTE:** Use this procedure to fill exposed holes, visible after final assembly, in the edges of individual panels.

**WARNING:** THIS PROCEDURE APPLIES HAZARDOUS MATERIALS. FOLLOW SHOP SAFETY PRACTICES CLOSELY TO AVOID INJURY.

- A. Remove all debris and particles from the hole with a vacuum or dry compressed air. It is important to remove all debris, including loosened cell walls, to assure that the sealant will contact the core material.
- B. Use clean, lint-free cloths and MEK solvent (Table 6001) to wipe away oily dirt and debris. Allow at least 15 minutes at room temperature for the solvent to evaporate from the honeycomb.
- C. Mix the two-part FR-8136W sealant (Table 6001) in the mix ratio of 100 parts by weight of Part A to 50 parts by weight of Part B. Mix no more than can be used within the pot life of the compound (45 minutes at 75° F). Blend the two components fully without stirring too much air into the mixture.

**NOTE:** Always follow the instructions given by the manufacturer. The mix ratio may have changed after publication of this manual.

- D. Fill the hole in the panel with sealant.
- E. Allow the sealant to cure for 12 hours at 70° F to 90° F (21° C to 32° C), or 3 hours at 120° F to 130° F (49° C to 54° C).
- F. Sand or file the sealant smooth.

5. Replace Adhesive-Backed Placards

- A. Use a flat-blade screwdriver or an equivalent tool to peel the damaged rubstrip or placard from the panel.
- B. Clean the panel with ethyl alcohol (Table 6001) to remove any adhesive and other contaminants.
- C. Remove the contact sheet from the back of the replacement rubstrip or placard.
- D. Install the rubstrip or placard in the same location on the panel. Press the rubstrip or placard from the center out to remove any air bubbles.

6. Repair Electrical Circuits

The electrical wires can be replaced and reconnected as needed. General instructions are given below.

- A. Replace damaged wire leads with MIL-W-22759/34 electrical wire (Table 6001). The wire size (AWG) is identified by the last two numbers of the wire number shown on the wiring diagrams, Figures 2001 through 2005. Cut the replacement wire to the same length as the damaged wire. Select the wire color and size to match.
- B. Cover all wires susceptible to damage with protective sleeving or spiral wrap (Table 6001).
- C. Install splices (Table 6001) as needed.
- D. Install sealing plugs (Table 6001) in all unused receptacle and connector cavities.
- E. Provide an 18 inch (46 cm) service loop at each component, where applicable.
- F. Install wire clamps approximately 10 inches (25 cm) apart. Use core tape or equivalent to increase the bundle diameter for proper fit.
- G. Secure the wires with tiedown straps as required.
- H. Prepare electrical ground area as follows:
  - (1) Sand the ground surface area with medium grit aluminum oxide abrasive cloth (Table 6001) to remove nonconductive material and surface treatment. Sanded surface must extend 0.125 inch (0,3175 cm) minimum beyond the attachment point for a good electrical bond.
  - (2) Clean the electrical bond surfaces with ethyl alcohol (Table 6001) than rinse.
  - (3) Where aluminum metal is the electrical bond point, treat the area with #1200 Alodine (Table 6001) for 1 to 2 minutes than rinse.
  - (4) After the ground hardware is installed, apply corrosion protective coating (Table 6001) to cover the ground stud. Corrosion preventive color blue is mandatory.

## **ASSEMBLY**

### **1. General**

- A. This section contains special instructions and notes needed to prevent damage to components and possible injury during assembly of the G1 galley.
- B. To use this section, first refer to TESTING AND FAULT ISOLATION and INSPECTION/CHECK to identify the damaged and worn parts. Then refer to paragraph 2, below, for any special assembly instructions.
- C. Refer to REPAIR to replace all bonded components, adhesive-backed placards, electrical wiring, and potted inserts. Install the attaching parts given in the IPL to secure all other components.
- D. No special tools or fixtures are needed to assemble the G1 galley. Refer to REPAIR for adhesives and potting compounds.

**NOTE:** The assembly sequence can be changed.

### **2. Assembly Procedures**

#### **A. Bonded Structure Assembly (IPL Figure 12)**

**CAUTION:** BE CAREFUL WHEN INSTALLING SCREWS THAT ATTACH PARTS TO THE HONEYCOMB PANELS. THE INSERTS INSTALLED IN THE PANELS TO RECEIVE THE SCREWS ARE SECURED WITH POTTING COMPOUND. DAMAGED, LOOSE, OR MISALIGNED INSERTS MUST BE REPLACED.

**NOTE:** The individual panels of the structure assembly are bonded together and cannot be replaced without expensive special fixtures and tooling. Refer to REPAIR to fill visible holes. Replace the bonded structure assembly if the damage cannot be repaired.

- (1) Install the cutout doubler (775, 780) with screws (785).
- (2) Install the aisle panel assembly (-750). Assemble as follows:
  - (a) Install the panel (770) and blind inserts (-755A, -760A, -765A, 768).
- (3) Install the cart outboard panel assembly (-725). Assemble as follows:
  - (a) Install the panel (745) and blind inserts (730, 735, 740).
- (4) Install the forward backwall panel assembly (-700). Assemble as follows:

  
C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

- (a) Install the panel (720) and blind inserts (705, 710, 715).
- (5) Install the inboard panel assembly (-675). Assemble as follows:
  - (a) Install the panel (695) and inserts (-680A, -685A, -690A).
- (6) Install the inboard panel assembly (-655). Assemble as follows:
  - (a) Install the panel (670) and inserts (-660A, -665A).
- (7) Install the water tank panel (640, 645, 650).
- (8) Install the aft water tank panel assembly (-625). Assemble as follows:
  - (a) Install the panel (635) and blind inserts (630).
- (9) Install the side support water tank panel assemblies (-610). Assemble as follows:
  - (a) Install the panel (620) and blind inserts (615).
- (10) Install the workdeck panel assembly (-580). Assemble as follows:
  - (a) Install the panel (605) and blind inserts (585, 590, 595, 600).
- (11) Install the miscellaneous compartment closeout panel (575).
- (12) Install the coffee maker and miscellaneous compartment divider panel assembly (-560). Assemble as follows:
  - (a) Install the panel (570) and blind inserts (565).
- (13) Install the miscellaneous compartment panel (555).
- (14) Install the spacer panel assembly (-535). Assemble as follows:
  - (a) Install the panel (550) and blind insert (540, 545).
- (15) Install the spacer panel assembly (-515). Assemble as follows:
  - (a) Install the panel (530), sleeves (525), and blind inserts (520).
- (16) Install the miscellaneous compartment outboard panel assembly (-495). Assemble as follows:
  - (a) Install the panel (510) and blind inserts (500, 505).
- (17) Install the electrical outlet mounting panel assembly (-480). Assemble as follows:

**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

(a) Install the panel (490) and blind inserts (485).

(18) Install the oven divider panel assembly (-460). Assemble as follows:

(a) Install the panel (475) and blind inserts (-465A, 470).

(19) Install the water controller panel (455).

(20) Install the top panel assembly (-430). Assemble as follows:

(a) Install the panel (450) and blind inserts (-435A, -440A, -445A, 446, 448).

(21) Install the water controller mounting panel assembly (-410). Assemble as follows:

(a) Install the panel (425) and blind inserts (415, 420).

(22) Install the panels (400, 405).

(23) Install the access air supply cutout doubler (395).

(24) Install the floor fitting doublers (390).

(25) Install the floor fitting doubler (365, 370, 375, 380) with screws (385).

(26) Install the floor fitting bracket (355) with screws (360).

(27) Install the floor fitting brackets (335, 340, 345) with screws (350).

(28) Install the spacer doubler (330).

(29) Install the outside doubler (310, 315) with screws (320) and screens (325).

(30) Install the inside doublers (295) with screws (300) and washers (305).

(31) Install the support angle (270, 275, 280) with screws (285) and washers (290).

(32) Install the cart stop doubler (260, 265).

(33) Install the pressure line access cutout doubler (255).

(34) Install the intermediate cart retainer mounting blocks (245) with screws (250).

(35) Install the outboard corner doubler (230) with screws (235) and washers (240).

(36) Install the corner angle (220) with screws (225).

(37) Install the oven tie down doubler (215).

  
C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

- (38) Install the cart stop doublers (205, 210) and screws (200).
- (39) Install the cart retainer doublers (185, 190, 195), cart retainer blocks (175, 180), and screws (170).
- (40) Install the kick strip (155) with screws (160).
- (41) Install the outside attendant seat fitting doublers (145) with screws (150).
- (42) Install the attendant seat fitting bracket assemblies (120, 125) with screws (130, 135) and washers (140).
- (43) Install the outside observer seat fitting doublers (110) with screws (115).
- (44) Install the lower observer seat fitting bracket (95) with screws (100) and washers (105).
- (45) Install the upper observer seat fitting bracket (80) with screws (85) and washers (90).
- (46) Install the doublers (60, 65, 70, 75).
- (47) Install the doublers (40, 45, 50, 55), washers (35), and screws (30).
- (48) Install the upper attach bracket assembly (5) with screws (10), washers (15, 20), and nuts (25).

**B. Trim Installation (IPL Figure 11)**

- (1) Install the assist handle brackets (105).
- (2) For 9332009-505 only; install the assist handle brackets (100).
- (3) Install the trim (5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, -75A, -80A, 85, 90, -95A).

**C. Coat Room Assembly (IPL Figure 10)**

- (1) Refer to REPAIR to replace the bonded coat room structure (-30). Assemble as follows:

NOTE: Refer to REPAIR to replace the blind inserts.

- (a) Install the panel assembly (-100). Assemble as follows:
  1. Install the panel (110) and blind inserts (105).
- (b) Install the panel assembly (-85). Assemble as follows:

**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

1. Install the panel (95) and blind inserts (90).

(c) Install the panel assembly (-70). Assemble as follows:

1. Install the panel (80) and blind inserts (75).

(d) Install the panel assembly (-55) and panels (35, 40, 45, 50). Assemble the panel assembly as follows:

1. Install the panel (65) and blind inserts (60).

(2) Install the angles (15) with screws (20) and washers (25).

(3) Install the coat rod fitting assembly (5) with screws (10).

**D. Outboard Access Panel Assembly (IPL Figure 9)**

(1) Install the panel assembly (-40). Assemble as follows:

(a) Install the panel (50).

(b) Install the blind inserts (45).

(2) Install the spacers (35), half grommets (30), and studs (25).

(3) Refer to REPAIR to replace the bonded flood light bracket assembly (20), air grill (15), and decor (10).

(4) Install the foam seal (5).

**E. G1 Galley Air Duct Assembly (IPL Figure 8)**

(1) Install the tube (95), air gasket (90), and screws (85).

(2) Install the air supply hose (80).

(3) Install the tube (70, 75).

(4) Install the air exhaust hose (65).

(5) Install the tube (60).

(6) Install the louver (55).

(7) Install the hose clamps (50).

(8) Install the clamps (35) with screws (40) and clamp spacers (45).

  
C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

(9) Install the hose clamps (20) with screws (25) and clamp spacers (30).

(10) Install the hose clamp (5) with screw (10) and clamp spacer (15).

**F. Work Counter Assembly (IPL Figure 7)**

(1) Install the sink assembly (-10, -10A). Assemble as follows:

(a) Install the sink assembly (-80, -80A). Assemble as follows:

1. Install the sink (90, -90A) and tube (85).

(b) Install the screen (75).

(c) Install the screen assembly (-25, -25A) with screws (30) and washers (35). Assemble the screen assembly as follows:

1. Install the hinge assembly (-55,-55A), half hinge (50), cres spring (45), and pin (40). Assemble the hinge assembly as follows:

a. Install the screen (70), half hinge (65), and bracket (60, -60A).

(d) Install the nutplates (15) with rivets (20).

(2) Install the counter top (5).

**G. Door Assembly (IPL Figure 6)**

(1) Install the panel (55).

(2) Refer to REPAIR to replace the bonded decor (50).

(3) Install the trim (45) and trim hinge (40).

(4) Install the latch back plate (35), double slide latch (30), and screws (25).

(5) Install the door stop (20), half hinge (15), hinge pin (10) and drive screws (5).

**H. G1 Galley Plumbing Installation (IPL Figure 5)**

(1) Install the water filter mounting bracket (465) with screws (-470A) and washers (475).

(2) Install the water filter (430).

(3) Install the rubstrip assemblies (-445). Assemble as follows:

(a) Install the double sided tape (450) and rubstrip (455).

**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

- (4) Install the coffee maker rail assembly (430) with bolts (-435A) and washers (-440A).
- (5) Install the hose assembly (425).
- (6) Install the pressure relief valve (420).
- (7) Install the check valve (415).
- (8) Install the vent valve (410).
- (9) Install the tubes (405).
- (10) Install the pressure transducer (400).
- (11) Install the hose assembly (395).
- (12) Install the tees (385, 390).
- (13) Install the heated hose (375).
- (14) Install the drain valve (370).
- (15) Install the manifold (365).
- (16) Install the hose supports (362).
- (17) Install the drain tube (340, 350, 355, 360).
- (18) Install the hose assembly (325, 330).
- (19) Install the flareless swivel elbow (320).
- (20) Install the hose assembly (315).
- (21) Install the tee (310).
- (22) Install the adapter (305), union elbow (300), port connector (295).
- (23) Install the tube (290).
- (24) Install the shut-off valve (285), shut-off valve bracket (275), shut-off valve bezel (270), washers (260, 265), and screws (-255A).
- (25) Install the tube (250).
- (26) Install the male connectors (245).

- (27) Install the tube union (240).
- (28) Install the hose assembly (235).
- (29) Install the male adapter (230).
- (30) Install the male elbow (225).
- (31) Install the foam hose insulation (195, 205, 215).
- (32) Install the tie down straps (190, 200, 210).
- (33) Install the hose clamps (175, 180, 185) and shell clamp (170).
- (34) Install the loop clamps (155) with screws (-160A), washers (165).
- (35) Install the loop clamp (135) with screw (-140A), washer (145), and stand off clamp (-150A).
- (36) Install the loop clamp (105, 110) with screws (-115A), washers (120), and stand off clamps (-125A).
- (37) Install the loop clamp (80, 85) with screws (-90A), washers (95), and stand off clamps (-100A).
- (38) Install the loop clamp (60) with screw (-65A), washer (70), and stand off clamp (-75A).
- (39) Install the loop clamps (35, 40) with screws (-45A), washers (50), and stand off clamps (-55A).
- (40) Install the loop clamps (5, 10) with screws (-15A), washers (20), and stand off clamps (-25A).

I. G1 Galley Control Module Assembly (IPL Figure 4)

**WARNING:** DISCONNECT ELECTRICAL POWER FROM THE G1 GALLEY BEFORE BEGINNING ASSEMBLY. A DANGER OF SERIOUS OR FATAL INJURY EXISTS IF ELECTRICAL POWER IS PRESENT DURING ASSEMBLY.

- (1) Install the module bracket assembly (-110). Assemble as follows:
  - (a) Install the face panel (160).
  - (b) Refer to REPAIR to replace the bonded art work (155).
  - (c) Install the base panel (145) with rivets (150).

**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

- (d) Install the support angle (135) with rivets (140).
- (e) Install the connector bracket (125) with screws (130).
- (f) Install the handle (115) with screws (120).
- (2) Install the screws (95), washers (100), and nuts (105).
- (3) Install the terminal block assembly (75) with screws (80), washers (85), and locknuts (90).
- (4) Install the ground stud installation (65) with screws (70).
- (5) Install the switch lamps (60).
- (6) Install the switch retention sleeves (55).
- (7) Install the switches (40, 45, 50).
- (8) Install the circuit breakers (25, 30, 35).
- (9) Install the control module wire kit assembly (-10). Assemble as follows:
  - (a) Install the receptacle connectors (15, 20).
- (10) Refer to REPAIR to replace the placards (5).

J. G1 Galley Electrical Installation (IPL Figure 3)

**WARNING:** DISCONNECT ELECTRICAL POWER FROM THE G1 GALLEY BEFORE BEGINNING ASSEMBLY. A DANGER OF SERIOUS OR FATAL INJURY EXISTS IF ELECTRICAL POWER IS PRESENT DURING ASSEMBLY.

- (1) Install the heater hose bracket (455) with screws (460) and washers (465).
- (2) Install the support angle (440) with screws (445) and washers (450).
- (3) Install the water tank bracket (425) with screws (430) and washers (435).
- (4) Install the coffee maker bracket (410) with screws (415) and washers (420).
- (5) Install the screws (395), washers (400), and nuts (405).
- (6) Install the exit identifier base assembly (385) with screws (390).
- (7) Install the 15 amp outlet receptacle (350) with screws (355, 360, 365) and washers (370, 375, 380),.

  
C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

- (8) Install the water controller bracket (335) with screws (340) and washers (345),.
- (9) Install the screws (315), washers (320), and nuts (325).
- (10) Install the terminal block assembly (305, -310A).
- (11) Install the terminal link (300).
- (12) Refer to REPAIR to replace the bonded grommets (-295A)
- (13) Refer to REPAIR to replace the bonded edging grommet (-290A, -292).
- (14) Install the cable tie mounts (285) and cable ties (280).
- (15) Install the clamps (250, 255, 260, 265) with screws (270) and washers (275).
- (16) Install the jumper (245).
- (17) Install the static ground strip (235) with screw (240).
- (18) Refer to REPAIR to replace the bonding tubes (225, 230).
- (19) Install the ground stud installations (215, 220).
- (20) Install the control module assembly (200) with screws (205) and washers (210). Refer to paragraph I. for assembly procedures.
- (21) Install the jumper assembly (180). Assemble as follows:
  - (a) Install the quick ground jumper (185, 190).
- (22) Install the wire harness assembly (-150). Assemble as follows:
  - (a) Install the terminal lugs (170, 175).
  - (b) Install the connectors (155, 160, 165).
- (23) Install the wire harness assembly (-125). Assemble as follows:
  - (a) Install the terminal lugs (145).
  - (b) Install the plug connector (130, 135, 140).
- (24) Install the wire harness assembly (-80). Assemble as follows:
  - (a) Install the terminal lugs (110, 115, 120).

**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

- (b) Install the contact (100, 105).
- (c) Install the plug connector (85, 90, 95).

(25) Refer to REPAIR to replace the placards (5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, - 60A, 65, 70, 75).

K. G1 Galley Assembly (IPL Figure 2)

- (1) Refer to REPAIR to replace the bonded structure assembly (905). Refer to paragraph A. for assembly procedures.
- (2) Install the extrusion trim installation (-900, -900A). Refer to paragraph B. for assembly procedures.
- (3) Install the ventilation cover assembly (-875) with rivets (880). Assemble the ventilation cover assembly as follows:
  - (a) Install the cover (895).
  - (b) Install the nutplate (885) with rivets (890).
- (4) Install the coat rod fitting assembly (-855) with screws (860). Assemble the coat rod fitting assembly as follows:
  - (a) Install the insert (865) and fitting (870).
- (5) Install the coat rod (845) with screws (850).
- (6) Install the G1 galley air duct assembly (840). Refer to paragraph E. for assembly procedures.
- (7) Install the outboard access panel assembly (835). Refer to paragraph D. for assembly procedures.
- (8) Install the receptacle brackets (820) with screws (825) and washers (830).
- (9) Install the velcro hook (810, 815).
- (10) Install the work counter assembly (800, -800A). Refer to paragraph F. for assembly procedures.
- (11) Refer to REPAIR to replace the bonded workdeck trim (795).
- (12) Install the water tank protection angle (785) with screws (790).
- (13) Install the water tank leakage sump (780).

  
C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

- (14) Install the fwd support water tank panels (765) with screws (770) and washers (775).
- (15) Install the bracket (755) with screws (760).
- (16) Install the bracket (740) with screws (745) and washers (750).
- (17) Install the brackets (725) with screws (730) and washers (735).
- (18) Install the brackets (710) with screws (715) and washers (720).
- (19) Install the insulation (705).
- (20) Install the clamps (700).
- (21) Install the mylar abrasion strips (695).
- (22) Install the water tank (690).
- (23) Install the water tank cover panel (-680A) with screws (685).
- (24) Install the air supply access cover (665) with screws (670) and washers (675).
- (25) Install the access cover (650) with screws (655) and washers (660).
- (26) Install the stop (640) with screws (645).
- (27) Install the cart stops (630) with screws (635).
- (28) Install the divider tee (620) with screws (625).
- (29) Install the divider tee (610) with screws (615).
- (30) Install the rod assembly (-585), knobs (580), retainers (-575A), pins (560), washers (565, 570), and pins (560). Assemble the rod assembly as follows:
  - (a) Install the distance tube (605), connecting rod (600), special screw (595), and pins (590).
- (31) For 9332001-505 only; install the assist handle (552) with screws (554) and washers (556).
- (32) Install the assist handle (538) with screws (540) and washers (545).
- (33) Install the cart rubstrips (530) with screws (535).
- (34) Install the cart rubstrip (520) with screws (525).

**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

- (35) Install the cart rubstrip (510) with screws (515).
- (36) Refer to REPAIR to replace the bonded rubstrips (495, 500, 505).
- (37) Install the oven brackets (480) with screws (485) and washers (490).
- (38) Install the oven screen (460, 465) with screws (470) and washers (475).
- (39) Refer to REPAIR to replace the bonded splash guards (445, 450, 455).
- (40) Refer to REPAIR to replace the bonded door spacer (440).
- (41) Install the door stop (430) with screw (435).
- (42) Install the cart retainers (415, 420) with nuts (425).
- (43) Install the cart retainers (405) with nuts (410).
- (44) Install the miscellaneous compartment back cover (390) with screws (395) and washers (400).
- (45) Install the door striker (375) with screws (380) and rivnuts (385).
- (46) Install the door assembly (360) with screws (365) and washers (370). Refer to paragraph G. for assembly procedures.
- (47) Install the door hold open (340) with screws (345), cap nuts (350), and door hold open back plate (355).
- (48) Install the rubstrip assembly (-310). Assemble as follows:
  - (a) Install the retainer (330) with screw (335).
  - (b) Install the end caps (320) with screws (325).
  - (c) Install the rubstrip (315).
- (49) Install the lower fitting (295) with screws (300) and washers (305).
- (50) Install the upper fitting (280) with screws (285) and washers (290).
- (51) Install the covers (270) with screws (275).
- (52) Install the lower fitting (255) with screws (260) and washers (265).
- (53) Install the upper fitting (240) with screws (245) and washers (250).

  
C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

- (54) Install the access cover (225) with screws (230) and washers (235).
- (55) Install the cockpit door hinge (210) with screws (215) and washers (220).
- (56) Install the fwd cockpit support (195) with screws (200) and washers (205).
- (57) Install the cockpit door hinge (180) with screws (185) and washers (190).
- (58) Install the gap seal (175).
- (59) Install the entrance ceiling support bracket (160) with screws (165) and washers (170).
- (60) Install the rubstrips (150, 155).
- (61) Install the potable water system controller (135) with screws (140) and washers (145).
- (62) Install the workshelf socket assembly (-115) with rivets (120). Assemble the workshelf socket assembly as follows:
  - (a) Install the socket (130) and spring pin (125).
- (63) Install the workshelf socket (105) with rivets (110).
- (64) Install the electrical outlet cover (100).
- (65) Install the velcro hooks (95).
- (66) Install the tie rod access cover (80), screws (85) and washers (90).
- (67) Install the tie rod assembly (-25) with screw (30), washers (35), and nut (40). Assemble the tie rod assembly as follows:
  - (a) Install the rod body (75).
  - (b) Install the clevis assembly (-60) Assemble as follows, install the bushings (65) and clevis (70).
  - (c) Install the left hand rod end (58).
  - (d) Install the nuts (50, 55).
  - (e) Install the washers (45).
- (68) Install the nameplate (15) with rivets (20).
- (69) Install the plumbing installation (-10). Refer to paragraph H. for assembly procedures.

  
C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

| (70) Install the electrical installation (-5). Refer to paragraph J. for assembly procedures.

L. G1 Galley Assembly (IPL Figure 1)

- (1) Install the G1 galley assembly (25, -25A). Refer to paragraph K. for assembly procedures.
- (2) Install the cockpit door assembly (20). Refer to CMM 25-17-01 to assemble the cockpit door assembly.
- (3) Install the screws (10), washers (15), and coat room assembly (5). Refer to paragraph C. for assembly procedures.

  
C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

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## **SPECIAL TOOLS, FIXTURES, EQUIPMENT AND CONSUMABLES**

### 1. General

The recommended special tools, fixtures, and test equipment for the G1 galley assembly are given in Table 9001. The recommended consumables for the G1 galley assembly are given in Table 9002.

NOTE: Equivalent items can be used.

Special Tools, Fixtures, and Equipment  
Table 9001

Nomenclature	Part or Specification Number	Source (CAGE)*	Use
Guide Tool	SLT 600G**	Shur-Lok Corp. (V97393)	To install potted inserts.
Hypot II	3560D	Associated Research (V04237)	Testing
Jumper Harness, Test	9331716-501	C&D Aerospace (V56135)	Testing
Meter, Megohm	Model DMH251L	Metroohm	Testing
Meter, Micro-ohm, 100 milliohms	Model 5600	Davis Instruments (V88775)	To measure circuit resistance.
Meter, Phase Rotation	PSI-8031	AWS (V58935)	Testing
Multimeter, Digital	Model 87 True RMS	Fluke Mfg. Co. (V89536)	To measure circuit continuity.
Power Supply, 115 VAC, 3 phase, 400 Hz	----	Commercially Available	AC Electrical power for tests.
Power Supply, 28 VDC, 5 amp minimum	----	Commercially Available	DC Electrical power for tests.
Sealant Gun, Pneumatic	Model 250	Products Research, Inc. (V5P793)	To apply sealant and potting compound.
Vacuum unit	----	Commercially Available	Cleaning

\* Refer to the IPL, paragraph 6, for the address.

\*\* Add insert tab number to guide tool part number. Example: Insert tab number: T2 would use guide tool part number: SLT 600G2.



**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

Consumables  
 Table 9002 (Sheet 1 of 3)

Nomenclature	Part or Specification Number	Source (CAGE)*	Use or Maintenance Level Code
Abrasive Cloth, Aluminum Oxide, Medium Grit	Federal Specification P-C-451	Commercially Available	Repair
Adhesives (alternate source listed)	<u>Primary</u>  Epibond 1210-A (Resin) 9615-B (Hardener)  <u>Alternates</u>  L-301-A (Resin) L-301-B (Hardener)  Versilok 506 Accelerator No. 4	Ciba-Geigy (V01684)  J.D. Lincoln, Inc. (V0K9V8)  Lord Corp. (V30676)	Repair
Air or Nitrogen Supply, 150 psig min	---	Commercially Available	Testing
Alcohol, Ethyl	Federal Specification TT-I-735	Commercially Available	Repair
Alodine	#1200	Commercially Available	Repair
Apron	---	Commercially Available	Cleaning
Cloth, lint-free	---	Commercially Available	Repair
Cloths, Cotton (clean and dry)	---	Commercially Available	Cleaning
Compressed air, 15 to 20 psig (104 to 138 kPag)	---	Commercially Available	Repair
Eye safety goggles	---	Commercially Available	Cleaning
Gloves, Chemical Resistant	---	Commercially Available	Cleaning

\* Refer to the IPL, paragraph 6, for the address.


  
**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

**Consumables**  
**Table 9002 (Sheet 2 of 3)**

Nomenclature	Part or Specification Number	Source (CAGE)*	Use or Maintenance Level Code
Potting Compound, Inserts (alternate sources listed)	EY 3010 (Kit) Resin (Part A) Mod II Hardener (Part B) Mod II  Epocast 88703-A (Resin) 88703-B (Hardener)  7160-A (Resin) 7160-B (Hardener)	Ciba-Geigy (V01684)  Ciba-Geigy (V01684)  Fiber Resin Corp. (V0HB93)	Repair
Plug, Sealing 10 AWG 12 AWG 16 AWG 20 AWG 22 AWG	MS27488-10 MS27488-12 MS27488-16 MS27488-20 MS27488-22	Commercially Available	Repair
Protective Coating, Corrosion, Blue	Nycote 7-11	Nycote Laboratories (V05803)	Repair/Assembly
Sealant, Panel Edge	FR-8136W (Parts A and B)	Fiber Resin Corp. (V0HB93)	Repair
Sealant, Silicone (white)	RTV 102	General Electric Co. (V01139)	Repair/Assembly
Soft-bristled brush	---	Commercially Available	Cleaning
Solvent, cleaning Adhesive removal	MEK (Methyl-Ethyl-Ketone) (metal parts only) Federal Specification TT-M-261  BRULIN 815MX  CALLA 301-A LEMON	Commercially Available  Brulin & Co. (V94058)  Zip-Chem Prod., Inc. (V8E913)	Cleaning

\* Refer to the IPL, paragraph 6, for the address.



C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

Consumables  
 Table 9002 (Sheet 3 of 3)

Nomenclature	Part or Specification Number	Source (CAGE)*	Use or Maintenance Level Code
Solvent, cleaning - continued General overall surface cleaning (including decor)	Mild household detergent  BRULIN 815MX  CALLA 301-A LEMON	Commercially Available  Brulin & Co. (V94058)  Zip-Chem Prod., Inc. (V8E913)	Cleaning
Metal cleaning	Solvent, Federal Specification P-D-680, Type III  MEK (Methyl-Ethyl-Ketone) (metal parts only)	Optional  Commercially Available	Cleaning
	BRULIN 815MX  CALLA 301-A LEMON	Brulin & Co. (V94058)  Zip-Chem Prod., Inc. (V8E913)	
Sponges (clean and dry)	---	Commercially Available	Cleaning
Splice, Wire	48-7190 48-7191	Amphenol Corp. (V77820)	Repair
Spray bottles	---	Commercially Available	Cleaning
Thinner, Humiseal	Humiseal No. 33	Columbia Chase Corp. (V99109)	Repair
Wire, Electrical 10 AWG 12 AWG 16 AWG 20 AWG 22 AWG	MIL-W-22759/34-10-9 MIL-W-22759/34-12-9 MIL-W-22759/34-16-9 MIL-W-22759/34-20-9 MIL-W-22759/34-22-9	Commercially Available	Repair

\* Refer to the IPL, paragraph 6, for the address.

## **ILLUSTRATED PARTS LIST**

### **1. General**

This section lists, describes, and illustrates all component assemblies, subassemblies, and parts required for maintenance of the G1 galley assembly.

### **2. Scope of Information**

#### **A. General**

Each assembly is listed and immediately followed by a listing of its detail parts. The listing is indented to show the relationship between each part and its next higher assembly. Item numbers in the parts list correspond to the item numbers of the accompanying illustration (figure).

#### **B. How to Identify a Part**

- (1) When the part number is known: Find the part number in the numerical index and note the figure and item number. Find the item number in the applicable parts list and illustration to get the necessary information.
- (2) When the part number is not known: Review the illustrations to identify the part by physical appearance and location. Refer to the accompanying parts list to get the part number, nomenclature, effectivity, and quantity.
- (3) The effectivity code shows the part usage relative to the next higher assembly. When the EFFECTIVITY CODE column is blank, the part usage applies to all next-higher-assembly versions unless otherwise specified in the NOMENCLATURE column.

### **3. Equipment Designator Index**

The Equipment Designator Index is an aid to find the parts in the Detail Parts List by equipment designator. The equipment designator, the part number, the figure number, and the item number are given for each entry.

The equipment designator are sorted one character at a time, from left to right. The correct sequence is (1) dash, (2) letters A through Z, and (3) numerals 0 through 9.

### **4. Numerical Index**

The Numerical Index is an aid to find parts in the Detail Parts List by part number. The figure number, the item number, and the total quantity required are given for each entry.

The part numbers are sorted one character at a time, from left to right. The correct sequence is (1) dash, (2) letters A through Z, and (3) numerals 0 through 9.

  
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**COMPONENT MAINTENANCE MANUAL**  
**9332001**

5. Explanation of Detail Parts List Entries

The Detail Parts List is arranged in general sequence of disassembly. The parts are illustrated in an exploded-view illustration and listed in the related parts list.

A. FIG. ITEM Column

- (1) The first number at the top of each FIG. ITEM column is the figure number of the exploded-view illustration. The number given opposite each part number is the item number assigned to the part in the illustration.
- (2) A dash (-) in front of an item number means the part is not illustrated.
- (3) Alpha-variants A through Z (except I and O) are assigned to item numbers when necessary to identify added parts, alternate parts, and parts modified by service bulletins.

B. PART NUMBER Column

This column gives the part number of the manufacturer for each part, as modified to meet the requirements of ATA 200/2000. The modifications can include:

- (1) Removal of blank spaces and special characters, with the possible exception of dashes. Dashes are permitted only between numeric characters.
- (2) Insertion of a reference part number compatible with ATA 200/2000 if the part number is longer than 15 characters. In these cases, the full part number is given in the NOMENCLATURE column.

C. INDENTURE Column

The indenture column is used to shows the relationship of one part to another as found on the original engineering drawings. A typical indenture relationship is as follows:

- 0 End Item or Major Assembly
- 1 Detail Parts for End Item or Major Assembly
- 2 Subassemblies
- ATTACHING PARTS
- 2 Attaching Parts for Subassemblies
- \*- 3 Detail Part for Subassemblies
- ATTACHING PARTS
- 3 Attaching Parts for Detail Parts
- \*



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**COMPONENT MAINTENANCE MANUAL**  
**9332001**

**D. NOMENCLATURE Column**

- (1) This column contains descriptive nomenclature for each part, and can also give the CAGE code of the manufacturer (if the part is not made by C&D Aerospace), the part number (if it is longer than 15 digits or modified to ATA 200/2000), any service bulletin that affect the part, and any obsolete part numbers. The column also provides figure references for NHA and details, and additional descriptive information as required.
- (2) Assemblies, subassemblies, and detail parts subjected to modification, deletion, addition, or replacement by an issued service bulletin are annotated to indicate both the pre- and post-service bulletin configurations. The term (PRE SB XXXX) in the NOMENCLATURE column identifies the original configuration, and the term (POST SB XXXX) identifies assemblies and parts after the modification has been completed.
- (3) The terms defined below are used when applicable to indicate the interchangeability of parts.

Term	Abbreviation	Definition
Alternate	ALT	The listed part is alternate to and interchangeable with other parts within the same item number variant group or other item numbers if designated.
Superseded By	SUPSD BY	The part is superseded by and is not interchangeable with the item number designated in the notation.
Supersedes	SUPSDS	The part supersedes and is not interchangeable with the item number designated in the notation.
Replaced By	REPLCD BY	The part is replaced by and is interchangeable with the item number designated in the notation.
Replaces	REPLCS	The part replaces and is interchangeable with the item number designated in the notation.



**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

**E. EFF CODE Column**

This column contains effectiveness codes (A, B, etc.) to indicate the alternate models or configurations of the end items to which the parts apply. This column is left blank when the parts apply to all models or configurations in the parts list.

**F. UNITS PER ASSY Column**

The quantity shown in this column is the units required for one next higher assembly (NHA). The abbreviation RF (reference) means the end item or assembly is shown completely assembled in the figure referenced in the NOMENCLATURE column.

**6. Manufacturer Names and Addresses**

The CAGE codes for the manufacturers of the parts, special tools, test equipment, and materials referenced in the manual are given below. The five digit code is preceded by the letter V. The codes are taken from Cataloging Handbook H4/H8. No code in the NOMENCLATURE column means the part is supplied by C&D Aerospace.

<u>Code</u>	<u>Name and Address</u>	<u>Code</u>	<u>Name and Address</u>
VD2603	Mankiewicz Gebr. & Co. GMBH & Co. P.O. Box 93 04 29 Hamburg, Germany	V01684	Ciba-Geigy 4917 Dawn Avenue East Lansing, MI 48823-5605
V0C307	Cannon, ITT Cannon Corp. 1851 E. Deere Ave. P.O. Box 350000 Santa Ana, CA 92705-6500	V03087	Business Systems Division of General Instrument Corp 200 West Rd. Baltimore, MD 21204-2315
V0HB93	Fiber Resin Corp. 170 W. Providencia Ave. Burbank, CA 91502	V04073	Aviel Electronics Inc. 5530 S. Valley View Suite 103 Las Vegas, NV 89118
V0K9V8	J. D. Lincoln, Inc 937 Newhall St. Costa Mesa, CA 92627	V04237	Associated Research Inc. 13860 Laurel Dr. Lake Forest, IL 60045
V0ZLA5	Swagelok Quick-Connect Co 5171 Hudson Dr. Hudson, OH 44236	V05399	BEMCO 157 Main St. Box 68 Centerton, AR 72719
V01139	General Electric Co. Silicone Products Dept. Hudson River Rd. Waterford, NY 12188	V05803	Nycote Laboratories 12750 Raymer St. North Hollywood, CA 91605-4207



**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

<u>Code</u>	<u>Name and Address</u>	<u>Code</u>	<u>Name and Address</u>
V06324	Glendair Inc. 1211 Air Way Glendale, CA 91201-2497	V3U683	Alpha Electric Co. Inc. 71 Central Ave. Newark, NJ 07102-1904
V06383	Panduit Corp. Connector Division 412 Rockwell Court Burr Ridge, IL 60521	V30676	Lord Corp. Chemical Products Group 2000 W. Grandview Blvd. P.O. Box 10038 Erie, PA 16514
V08576	Everpure Inc. 660 Blackhawk Dr. Westmont, IL 60559-9005	V30974	Aerofit Products Inc. 6460 Dale St. Buena Park, CA 90621
V08793	Harvey Hubbel Inc. Lighting Division 1212 N. Hubbel Way Anaheim, CA 92801	V31869	Oshino Electric Lamp Works Ltd. 52 Minami Shinagawa 2 Chome Shinagawa Ku Tokyo, Japan
V1QYE6	Hoke Controls 1901 Lynx Pl. Ontario, CA 91761	V34696	4/Flight Industries 24555 Avenue Kearney Valencia, CA 91355
V11815	Textron Inc. Textron Aerospace Fasteners Div. 1224 E. Warner Ave. Santa Ana, CA 92707	V5H377	Texas Instruments Inc. Texas Instruments Supply Co. 1 Sierra Gate Plz. Suite 225B Roseville, CA 95678
V17023	Bruce Industries Inc. 101 Evans Ave. Dayton, NV 89403	V5P793	Products Research, Inc. Semco Division 463 W. Wrightwood Ave. Elmhurst, IL 60126-1011
V21213	Schneller Inc. 6019 Powermill Rd. P.O. Box 670 Kent, OH 44240	V51941	Skylock Industries, Inc. 904 S. Alta Vista Ave. Monrovia, CA 91016-3318
V24984	Hydraflow 13259 E. 166th St. Cerritos, CA 90703	V56135	C&D Interiors 7330 Lincoln Way Garden Grove, CA 92841
V3A054	McMaster-Carr Supply Co. 9630 Norwalk Blvd. Sante Fe Springs, CA 90670	V56958	Young Engineers, Inc., The 23151 Alcade Drive Suite B-5 P.O. Box 2098 Laguna Hills, CA 92654-2098

**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

<u>Code</u>	<u>Name and Address</u>	<u>Code</u>	<u>Name and Address</u>
V58935	A W Sperry Instruments 245 Marcus Blvd. Hauppauge, NY 11788	V97393	Shur-Lok Corp. 2541 White Rd. P.O. Box 19584 Irvine, CA 92713
V63367	BE Aerospace Corp Aircraft Products Div 12807 Lake Dr. Delray Beach, FL 33447		
V70494	Emhart Industries, Inc. Hardware Division 225 Episcopal Rd. Berlin, CT 06037-1524		
V77820	Amphenol Corp. Bendix Connector OPNS 40-60 Delaware St. Sidney, NY 1383-1395		
V8E913	Zip-Chem Products, Inc. 1860 Dobbin Dr. San Jose, CA 95133		
V88308	Bombardier Aerospace P.O. Box 6087 Stetion Centre-ville Montreal, Quebec, Canada, H3C 3G9		
V89536	Fluke Mfg. Co. 6920 Seaway Blvd. P.O. Box 9090 Everett, WA 98206-9090		
V9G628	Eaton Corp. Cutler-Hammer Products Sales Office Wayne, PA 19080		
V94058	Brulin & Co., Inc. 2920 Brown Ave. P.O. Box 270 Indianapolis, IN 46206		


  
**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**
**EQUIPMENT DESIGNATOR INDEX**

EQUIPMENT DESIGNATOR	PART NUMBER	IPL FIGURE	FIG. ITEM
A196J1	MS24264R14B7SN	3	165
A200J1	BUC6-33	3	160
A201J1	BUC6-33	3	160
CB1	6TC14-15	4	35
CB2	6TC14-15	4	35
CB3	2TC14-15	4	25
CB4	6TC14-10	4	30
DS154	BR9279-013	3	385
DS154J1	M39029-32-248	3	105
DS154P2	M39029-31-229	3	100
GS5000	MS35206-112	3	115
GS5001	MS35206-112	3	115
GS5002	CD1253-15	4	65
GS5003	CD1253-14	3	220
GS5010	CD1253-4	3	215
GS5011	MS35206-112	3	145
GS5011	CD1253-4	3	215
GS5012	CDEL032-503	3	225
GS5013	CDEL032-503	3	225
GS5014	CDEL032-505	3	230
GS5033	CD1253-14	3	220
GS5102	9332005-601	3	180
HR42J1	D38999-20FA35SN	3	95
J373	D38999-20FD19PN	3	130
J5000	MS25036-112	3	170
J5000	HBL5256	3	350
J5000-G	MS25036-112	3	170
J5000-W	MS25036-112	3	170
MT184P1	D38999-26SA35SN	3	135
MT186J1	D38999-20FB35SN	3	140
P372	D38999-26FD18PN	3	85
PL114J1	D38999-20FJ24PN	4	15
PL114J2	D38999-20FD18PN	4	20
PL114P1	D38999-26FJ24SN	3	155
PL114P2	D38999-26FD18SN	3	90
SDS64	800A1C2D2J3L2N2	4	40



**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

EQUIPMENT DESIGNATOR	PART NUMBER	IPL FIGURE	FIG. ITEM
SDS72	800A1C1D2J3L2N2	4	45
SDS73	800A1C1D2J3L2N2	4	50
TB20-1	MS25036-157	3	120
TB20-2	MS25036-157	3	120
TB20-3	MS25036-157	3	120
TB20-4	MS25036-157	3	120
TB20-5	MS25036-157	3	120
TB20-6	MS25036-157	3	120
TB5020-1	MS35206-111	3	110
TB5020-1	MS25036-112	3	170
TB5020-2	MS35206-111	3	110
TB5020-2	MS25036-112	3	170
TB5020-3	MS35206-111	3	110
TB5020-3	MS25036-112	3	170
TB5020-4	MS35206-111	3	110
TB5020-4	MS25036-112	3	170
TB5020-5	MS35206-111	3	110
TB5020-5	MS25036-112	3	170
TB5020-6	MS35206-111	3	110
TB5020-6	MS25036-112	3	170
TB5020-7	MS35206-111	3	110
TB5020-7	MS25036-112	3	170
TB5020-8	MS35206-111	3	110
TB5020-8	MS25036-112	3	170
TB5020	CDEL030-1-07	3	310
TB5021	CDEL030-2-01	4	75
TB5022	CDEL030-1-41	3	305
TB5022-1	MS35206-112	3	145
TB5022-2	MS25036-108	3	175
TB5022-3	MS25036-112	3	170
TB5022-4	MS25036-112	3	170
TB5022-5	MS25036-108	3	175
TB5022-6	MS25036-108	3	175



C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

### NUMERICAL INDEX

	PART NUMBER	AIRLINE STOCK NO.	IPL FIGURE	FIGURE ITEM	TTL REQ
R	ABMM-D		3	285	18
	AD32BS		2	20	4
			2	880	2
	AFP2777J06		5	390	1
	AFP2778J06		5	385	2
	AJ4-65		9	25	4
R	AKS4-632-80L		2	385	2
	AN4-10A		5	435	D
R	AN4-7A		5	– 435A	4
R	AN960C416L		5	440	D
	AS4137J0808		5	320	1
	BE725-8-200-5		8	65	1
	BE725-9-180-5		8	80	1
	BR9279-013		3	385	1
	BUC6-33		3	160	2
	CDDS045-3		9	5	AR
	CDEL030-1-07		3	310	D
	CDEL030-1-41		3	305	1
	CDEL030-1-43		3	– 310A	1
R	CDEL030-2-01		4	75	1
	CDEL032-503		3	225	2
	CDEL032-505		3	230	1
	CDIN07-04-13B		12	448	2
	CDPL136		4	5	9
	CDPL136A196		3	55	1
	CDPL136A200		3	40	1
	CDPL136A201		3	45	1
	CDPL136DS154		3	65	1
	CDPL136GS5003		3	60	D
	CDPL136GS5010		3	15	1
	CDPL136GS5011		3	75	1
	CDPL136GS5012		3	70	1



C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

	PART NUMBER	AIRLINE STOCK NO.	IPL FIGURE	FIGURE ITEM	TTL REQ
R	CDPL136GS5013		3	30	1
	CDPL136GS5014		3	25	1
	CDPL136GS5033		3	50	1
	CDPL136GS5041		3	- 60A	1
	CDPL136J5000		3	20	1
	CDPL136MT184		3	35	1
	CDPL136TB5020		3	5	1
	CDPL136TB5022		3	10	1
	CDPL160-13		2	15	1
	CDSP1004-3		6	30	1
R	CDSP1107-1		2	375	1
	CDSP1201-2		2	415	2
	CDSP1202-1		2	405	3
	CDSP1220-2		2	420	1
	CDSP1223-1		2	- 575A	2
	CDSP2019-7C620		12	335	2
	CDSP2019-7C760		12	345	1
	CDSP2400T		2	150	2
	CDSP2400T		2	155	2
	CDSP2400T		2	505	4
R	CDSP3802-1		2	870	1
	CDSP3802-501		2	- 855	1
			10	5	1
	CDSP3803S387		2	845	1
	CDSP5002		6	35	1
	CDSP5503-025		5	- 75A	1
	CDSP5503-050		5	- 25A	5
	CDSP5503-075		5	- 150A	1
	CDSP5503-100		5	- 100A	2
	CDSP5503-150		5	- 55A	2
R	CDSP5503-185		8	30	2
	CDSP5503-200		5	- 125A	2



C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

	PART NUMBER	AIRLINE STOCK NO.	IPL FIGURE	FIGURE ITEM	TTL REQ
R	CDSP5503-35		8	45	2
	CDSP5503-75		8	15	1
	CDSP5601-45		6	20	1
	CDSP5602-7		2	430	1
	CDSP5801-2AL		2	90	7
			2	170	2
			2	235	D
			2	370	2
			2	660	4
			2	675	3
CDSP5801-3AL			3	210	4
			3	370	2
R			2	145	4
	CDSP5903-3-500		12	15	10
R	CDSP5903-4-1000		12	35	19
	CDSP5903-4-750		12	– 445A	10
R	CDSP5905-06-20		12	595	4
	CDSP5905-08-13		12	– 690A	2
R	CDSP5905-08-20		12	768	3
			10	90	2
R			12	– 440A	24
	CDSP5905-08-20		12	505	5
R			12	715	4
	CDSP5905-3-13		12	740	10
R			12	– 765A	7
	CDSP5905-3-13		10	60	6
R			10	75	2
	CDSP5905-3-20		10	105	2
R			12	– 435A	7
	CDSP5905-3-20		12	500	8
R			12	– 665A	1
	CDSP5905-3-20		12	– 680A	6



**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

	PART NUMBER	AIRLINE STOCK NO.	IPL FIGURE	FIGURE ITEM	TTL REQ
R	CDSP5905-3-20		12	705	43
R			12	730	26
R			12	- 755A	36
	CDSP5905-3-28		12	585	65
	CDSP5905-4-28		12	590	4
R	CDSP5906-08-500		12	446	4
	CDSP5906-3-1000		12	600	6
R	CDSP5906-3-750		12	- 660A	20
R			12	- 685A	10
R			12	710	19
R			12	735	11
R			12	- 760A	36
	CD1253-14		3	220	2
	CD1253-15		4	65	1
	CD1253-4		3	215	2
R	CD1312-11		5	55	D
R	CD1312-15		5	125	D
R	CD1312-19		5	75	D
R	CD1312-3		5	25	D
R	CD1312-5		5	150	D
R	CD1312-7		5	100	D
	CD1398-503		5	370	1
	CR3212-4-03		2	110	2
			2	120	2
	D38999-20FA35SN		3	95	1
	D38999-20FB35SN		3	140	1
	D38999-20FD18PN		4	20	1
	D38999-20FD19PN		3	130	1
	D38999-20FJ24PN		4	15	1
	D38999-26FD18PN		3	85	1
	D38999-26FD18SN		3	90	1
	D38999-26FJ24SN		3	155	1



C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

PART NUMBER	AIRLINE STOCK NO.	IPL FIGURE	FIGURE ITEM	TTL REQ
D38999-26SA35SN		3	135	1
FC06TS3232S6-20		5	235	1
GP4B		9	30	4
HBL5256		3	350	1
MS16562-214		2	125	1
MS16562-220		2	590	2
MS16562-225		2	560	2
MS20253P2-650		6	10	1
MS20426AD3-4		4	140	4
		4	150	3
MS20426AD3-4A		2	890	2
MS20427M3-3		7	20	4
MS21042L04		3	325	16
		4	105	8
MS21042L06		3	405	8
MS21042L08		4	90	2
MS21042L3		12	25	10
MS21042L6		2	40	1
		2	410	3
		2	425	3
MS21075L3N		2	885	1
MS21209C0620		2	865	1
R MS21242S6KL		2	- 65	D
R MS21266-1N		3	- 290A	1
R MS21266-8N		3	292	1
MS21318-15		6	5	2
MS21919WCG12		5	5	1
		5	40	1
		5	110	1
		5	135	1
		5	155	2
MS21919WCG14		5	80	1



**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

PART NUMBER	AIRLINE STOCK NO.	IPL FIGURE	FIGURE ITEM	TTL REQ
MS21919WCG14		5	105	1
MS21919WCG45		5	85	1
MS21919WCG6		5	10	4
MS21919WCG9		5	35	1
		5	60	1
MS21919WDG37		8	5	1
		8	20	2
MS21919WDG42		8	35	2
MS24264R14B7SN		3	165	1
MS24679-2		2	350	2
MS24693C71		4	70	1
MS25036-108		3	175	6
MS25036-112		3	170	13
MS25036-157		3	120	6
MS25083-2BB10		3	245	1
MS25083-3PB28		3	185	1
MS25083-3SB		3	190	1
MS25226-4-6		3	300	1
R MS25281R11		3	265	4
R MS25281R6		3	250	2
R MS25281R8		3	255	6
R MS25281R9		3	260	10
MS3367-1-9		5	190	4
MS3367-2-9		5	210	2
MS3367-5-9		3	280	AR
MS3367-7-9		5	200	3
MS35206-111		3	110	8
MS35206-112		3	115	2
		3	145	2
MS35206-227		2	335	1
		3	390	2
MS35338-42		3	375	3



C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

	PART NUMBER	AIRLINE STOCK NO.	IPL FIGURE	FIGURE ITEM	TTL REQ
	MS51957-27		7	30	2
	M25L1006-9		2	320	2
	M39029-31-229		3	100	1
	M39029-32-248		3	105	1
R	M81935-1-6KL		2	58	1
	NAS1096-2-7		3	365	1
	NAS1149C0332R		2	720	8
R	NAS1149C0432R		5	– 440A	4
	NAS1149CN632R		7	35	2
	NAS1149F0322P		5	120	2
R	NAS1149F0332P		1	15	10
			2	190	4
			2	205	4
			2	220	4
			2	250	5
			2	265	5
			2	290	5
			2	305	5
			2	400	2
R			2	545	2
R			2	556	2
			2	735	14
			2	750	4
			2	775	4
			5	20	5
			5	50	2
			5	70	1
			5	95	2
			5	145	1
			5	165	2
			5	260	2
			5	475	4



**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

	PART NUMBER	AIRLINE STOCK NO.	IPL FIGURE	FIGURE ITEM	TTL REQ
R	NAS1149F0332P		10 12 12 12 12 12 12 12	25 20 90 105 140 240 290 305	10 10 6 5 4 9 12 32
	NAS1149F0632P		2	35	2
	NAS1149F0832P		2 2 2	475 490 830	8 12 8
	NAS1149FN416P		3 4	320 100	32 16
	NAS1149FN616P		3	400	16
R	NAS1149FN816P		3 3 3 3 3 3	275 345 380 420 435 450	22 2 3 2 2 2
R	NAS1149FN832P		4	85	2
R	NAS1368N12A		3	290	D
R	NAS1368N14A		3	– 295A	2
R	NAS1368N8A		3	295	D
	NAS1474C06		7	15	2
	NAS1515H4		2	565	2
	NAS1515H4H		2	570	2
	NAS1764J080808		5	310	1
	NAS1922-0225-3		8	50	6
	NAS43DD4-16		12	525	4


  
**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

PART NUMBER	AIRLINE STOCK NO.	IPL FIGURE	FIGURE ITEM	TTL REQ
NAS43DD4-24		9	35	4
NAS509-6		2	55	1
NAS509L6		2	50	1
NAS513-6		2	45	2
NAS514P1032-5		3	240	1
NAS514P1032-7		2	140	4
		2	275	8
		2	615	8
		2	625	6
		2	635	21
		2	760	3
		2	790	3
R		12	115	4
		12	135	4
		12	150	8
		12	170	18
		12	200	5
		12	225	6
		12	250	8
		12	320	30
		2	515	3
		2	525	3
		2	535	6
		2	645	2
		2	685	8
NAS514P440-4P		4	120	2
NAS514P632-6		2	325	2
		2	380	2
		2	850	2
NAS514P832-20		2	165	2
NAS514P832-4		6	25	2
R	NAS514P832-5	12	785	8



**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

PART NUMBER	AIRLINE STOCK NO.	IPL FIGURE	FIGURE ITEM	TTL REQ
NAS514P832-6		2	85	7
		2	200	4
		2	230	4
		2	345	2
		2	365	2
		2	435	1
		2	655	4
		2	670	3
		2	860	2
		3	205	4
		3	355	2
		4	80	2
		4	130	2
		10	10	2
NAS517-3-00		12	30	19
		12	160	8
		12	385	24
NAS517-3-1		12	350	32
		12	360	16
NAS517-3-14		12	10	10
NAS600-6P		3	315	16
R		4	95	8
		3	395	8
		2	470	8
		2	825	8
		3	270	22
		3	340	2
		3	360	2
		3	415	2
		3	430	2
		3	445	2
		3	460	2


  
**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

	PART NUMBER	AIRLINE STOCK NO.	IPL FIGURE	FIGURE ITEM	TTL REQ
	NAS602-7		8	85	4
	NAS603-12		8	40	2
R	NAS603-14		5	15	D
R	NAS603-14P		5	- 15A	5
	NAS603-16P		2	245	5
			2	260	5
			2	285	5
			2	300	5
R	NAS603-18		5	140	D
R	NAS603-18P		5	- 140A	1
			8	10	1
	NAS603-20P		2	540	2
R			2	554	2
R	NAS603-22		5	90	D
R	NAS603-22P		5	- 90A	2
R	NAS603-30		5	45	D
R	NAS603-30P		5	- 45A	2
	NAS603-36		8	25	2
R	NAS603-38		5	115	D
R	NAS603-38P		5	- 115A	2
	NAS603-6P		1	10	10
			2	395	2
			2	715	8
			2	730	14
			2	745	4
			2	770	4
R			10	20	10
			12	85	6
			12	100	5
			12	130	4
			12	235	9
			12	285	12



**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

	PART NUMBER	AIRLINE STOCK NO.	IPL FIGURE	FIGURE ITEM	TTL REQ
R	NAS603-6P		12	300	32
R	NAS603-7		5	160	D
R			5	255	D
R			5	470	D
R	NAS603-7P		5	– 160A	2
R			5	– 255A	2
R			5	– 470A	4
	NAS603-8P		2	185	4
			2	215	4
			2	485	12
R	NAS603-9		5	65	D
R	NAS603-9P		5	– 65A	1
	NAS6606-16		2	30	1
	SS43S6		5	285	1
	SS600-2-6ST		5	225	1
	SS600-9		5	300	1
	SS601PC		5	295	1
	SS6TA1-8AN		5	305	1
	SS8TA1-8ST		5	230	1
	S1B		5	460	1
	TYE2003-3-250		12	545	1
R	TYE2003-3-60		12	445	D
R	TYE2003-4-750		12	690	D
	TYE2161-08-09		9	45	4
	TYE2161-08-13		12	420	4
R			12	440	D
R			12	465	D
			12	485	2
R	TYE2161-08-20		12	765	D
R	TYE2161-3-13		12	435	D
			12	470	1
			12	565	4



C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

	PART NUMBER	AIRLINE STOCK NO.	IPL FIGURE	FIGURE ITEM	TTL REQ
R	TYE2161-3-13		12	615	4
R			12	630	10
R	TYE2161-3-20		12	665	D
R			12	680	D
R			12	755	D
	TYE2161-3-6		12	520	1
			12	540	1
R	TYE2168-3-500		12	- 465A	3
R	TYE2168-3-750		12	660	D
R			12	685	D
R			12	760	D
	TYE2334-3-3		12	415	4
	0L6034		4	60	12
	14C02-08A		5	170	1
	16298-1		2	280	1
	16298-3		2	240	1
	16298-5		2	295	1
	16298-7		2	255	1
	2E1976-1		5	400	1
	2TC14-15		4	25	1
	20626-3		2	355	1
	20626-5		2	340	1
R	20682-405		2	575	D
	375W		5	465	1
	4E3261-1		5	410	1
	4E3262-1		5	415	1
	4E3263-1		5	420	1
	4E3269-2		2	705	AR
	4081068-3		2	580	2
	4081070-1		2	600	1
	4081071-3		2	595	1
	455C88-1110M		2	700	2



**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

	PART NUMBER	AIRLINE STOCK NO.	IPL FIGURE	FIGURE ITEM	TTL REQ
R	458-4-2693		7	45	1
R	4602308-501		2	550	D
R			11	100	2
R			11	105	2
	4602326-1		12	175	2
	4602326-3		12	180	1
	4602345-1		12	245	2
	4603059-1		2	70	1
	4603059-13		2	75	1
	4603059-509		2	-25	1
R	4603059-601		2	-60	1
	5E2621-3		2	135	1
	5E2657-1		2	690	1
	5321K17		5	175	2
R	5416K14		5	180	4
	5416K15		5	185	3
	5511044-3		5	275	1
	5631040-1		5	270	1
	6CM4-316		5	245	2
	6TC14-10		4	30	1
	6TC14-15		4	35	2
	6U316		5	240	1
	62-0101-127		5	430	1
	79002-08-0080		5	325	1
	79240-022		5	395	1
	79245-06-0130		5	425	1
	79245-08-0120		5	315	1
	79252H0460-000		5	330	1
	79368-11		5	375	1
	800A1C1D2J3L2N2		4	45	1
			4	50	1
	800A1C2D2J3L2N2		4	40	1



C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

	PART NUMBER	AIRLINE STOCK NO.	IPL FIGURE	FIGURE ITEM	TTL REQ
	800R2-1		4	55	3
	8042440A21		4	115	1
R	9331009-19		11	- 90A	1
R	9331009-27		11	- 80A	1
	9331011-1		12	400	1
	9331014-501		12	405	1
	9331015-1		12	425	1
	9331015-501		12	- 410	1
	9331016-1		12	455	1
	9331025-1		12	640	1
	9331026-1		12	645	1
	9331028-1		12	635	1
	9331028-501		12	- 625	1
	9331029-1		12	620	1
	9331029-501		12	- 610	2
	9331030-1		12	650	1
	9331071-1		12	390	4
	9331071-11		12	375	1
	9331071-3		12	365	1
	9331071-5		12	380	1
	9331071-7		12	155	1
	9331071-9		12	370	1
	9331073-1		12	185	1
	9331073-13		12	145	2
	9331073-15		12	110	2
	9331073-25		12	265	1
	9331073-3		12	190	1
	9331073-39		12	205	3
	9331073-41		12	260	1
	9331073-43		12	255	1
	9331073-45		12	210	1
	9331073-47		12	330	1



**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

PART NUMBER	AIRLINE STOCK NO.	IPL FIGURE	FIGURE ITEM	TTL REQ
9331073-5		12	75	1
9331073-7		12	395	1
9331073-9		12	70	1
9331074-501		12	120	1
9331074-503		12	125	1
9331074-505		12	80	1
9331074-507		12	95	1
9331077-501		2	710	4
9331078-1		2	780	1
9331080-501		2	160	1
9331081-17		2	390	1
9331081-19		2	650	1
9331081-501		2	665	1
9331081-503		2	225	1
9331091-1		12	340	1
9331091-3		12	355	1
9331092-503		12	5	1
9331097-501		2	630	7
9331097-503		2	785	1
9331097-505		2	755	1
9331099-1		12	270	1
9331099-3		12	275	1
9331099-5		12	280	1
9331100-15		2	620	1
9331100-9		2	610	1
9331106-5		2	605	1
R 9331107-1		5	362	2
R 9331111-503		2	100	1
R 9331112-1		2	538	1
R 9331112-1		2	552	1
R 9331115-3		2	555	D
R 9331115-3		2	530	2



C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

PART NUMBER	AIRLINE STOCK NO.	IPL FIGURE	FIGURE ITEM	TTL REQ
9331115-5		2	520	1
9331115-7		2	510	1
9331119-1		9	15	1
9331119-5		8	90	1
9331119-7		8	95	1
9331141-1		5	290	1
9331141-501		5	405	2
9331144-501		5	365	1
9331160-11		8	60	1
9331160-15		8	75	1
9331160-19		7	85	1
9331160-3		8	70	1
9331171-1		8	55	1
9331182-1		9	50	1
9331182-3		9	10	AR
9331182-501		2	835	1
		9	- 1	RF
		9	- 40	1
R 9331182-601		2	- 680A	1
R 9331183-501		2	725	7
R 9331183-503		2	740	1
R 9331183-505		2	680	D
R 9331183-507		10	65	1
9331184-1		10	40	1
9331184-11		10	15	5
9331184-13		10	45	1
9331184-17		10	50	1
9331184-19		10	80	1
9331184-3		10	95	1
9331184-5		1	5	1
9331184-501		10	- 1	RF
9331184-601		10	- 30	1



**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

PART NUMBER	AIRLINE STOCK NO.	IPL FIGURE	FIGURE ITEM	TTL REQ
9331184-7		10	110	1
9331184-701		10	-55	1
9331184-703		10	-70	1
9331184-705		10	-85	1
9331184-707		10	-100	1
9331184-9		10	35	1
9331185-501		2	765	2
9331186-505		2	-585	2
9331528-3		2	105	1
9331528-503		2	-115	1
9331528-7		2	130	1
9331703-1		4	160	1
9331703-3		4	145	1
9331703-5		4	135	1
9331705-505		3	-125	1
9331705-511		3	-80	1
9331706-501		4	125	1
9331708-11		3	410	1
9331708-3		3	335	1
9331708-5		3	425	1
9331708-7		3	455	1
9331710-1		4	155	1
9331711-501		3	440	1
9331712-3		3	235	1
9331715-503		4	-10	1
9331715-505		3	-150	1
9332001-1		2	695	AR
9332001-103		1	-1	RF
9332001-105		1	-1A	RF
9332001-503		1	25	1
R 9332001-505		2	-1	RF
R 9332001-505		1	-25A	1



C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

	PART NUMBER	AIRLINE STOCK NO.	IPL FIGURE	FIGURE ITEM	TTL REQ
R	9332001-505		2	– 1A	RF
	9332004-503		2	905	1
R	9332005-503		12	– 1	RF
	9332005-503		2	– 5	1
	9332005-601		3	– 1	RF
	9332006-1		5	180	1
	9332006-3		5	360	1
	9332006-5		5	355	1
	9332006-503		5	350	1
	9332006-503		2	– 10	1
	9332006-9		5	– 1	RF
	9332006-9		5	340	1
	9332009-1		11	95	1
	9332009-11		11	25	1
	9332009-13		11	35	1
	9332009-15		11	30	1
	9332009-17		11	40	1
	9332009-19		11	45	1
	9332009-21		11	50	1
	9332009-23		11	60	1
	9332009-25		11	65	1
R	9332009-27		11	80	D
	9332009-29		11	85	1
	9332009-3		11	20	1
R	9332009-33		11	90	D
	9332009-35		11	70	1
	9332009-37		11	5	1
R	9332009-39		11	75	D
R	9332009-5		11	– 95A	1
	9332009-5		11	15	1
	9332009-503		2	– 900	1
	9332009-503		11	– 1	RF



**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

	PART NUMBER	AIRLINE STOCK NO.	IPL FIGURE	FIGURE ITEM	TTL REQ
R	9332009-505		2	– 900A	1
R			11	– 1A	RF
	9332009-7		11	10	1
	9332009-9		11	55	1
	9332010-1		12	770	1
	9332010-3		12	670	1
	9332010-5		12	695	1
	9332010-501		12	– 750	1
	9332010-503		12	– 655	1
	9332010-505		12	– 675	1
	9332012-1		12	450	1
	9332012-501		12	– 430	1
	9332013-3		12	720	1
	9332013-503		12	– 700	1
	9332014-1		12	570	1
	9332014-501		12	– 560	1
	9332015-1		12	490	1
	9332015-3		12	575	1
	9332015-5		12	555	1
	9332015-501		12	– 480	1
	9332016-1		12	510	1
	9332016-501		12	– 495	1
	9332017-1		12	475	1
	9332017-501		12	– 460	1
	9332018-3		12	605	1
	9332018-503		12	– 580	1
	9332019-3		12	745	1
	9332019-503		12	– 725	1
	9332024-1		12	530	1
	9332024-3		12	550	1
	9332024-501		12	– 515	1
	9332024-503		12	– 535	1



C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

	PART NUMBER	AIRLINE STOCK NO.	IPL FIGURE	FIGURE ITEM	TTL REQ
	9332071-1		2	895	1
	9332071-501		2	- 875	1
	9332072-1		12	40	1
	9332072-11		12	50	1
	9332072-13		12	230	1
	9332072-23		2	440	1
	9332072-29		12	215	1
	9332072-3		12	45	1
R	9332072-31		12	775	1
R	9332072-33		12	780	1
	9332072-5		12	195	1
	9332072-503		2	270	2
	9332072-7		2	80	1
	9332072-9		12	55	1
	9332076-1		2	445	1
	9332076-3		2	450	1
	9332076-5		2	455	1
	9332083-1		7	90	1
	9332083-11		7	65	1
	9332083-13		7	40	1
	9332083-15		7	- 60A	1
	9332083-17		7	- 90A	1
	9332083-3		7	70	1
	9332083-5		7	60	1
	9332083-501		7	- 10	1
	9332083-503		7	- 10A	1
	9332083-601		7	- 25	1
	9332083-603		7	- 80	1
	9332083-605		7	- 25A	1
	9332083-607		7	- 80A	1
	9332083-7		7	75	1
	9332083-701		7	55	1



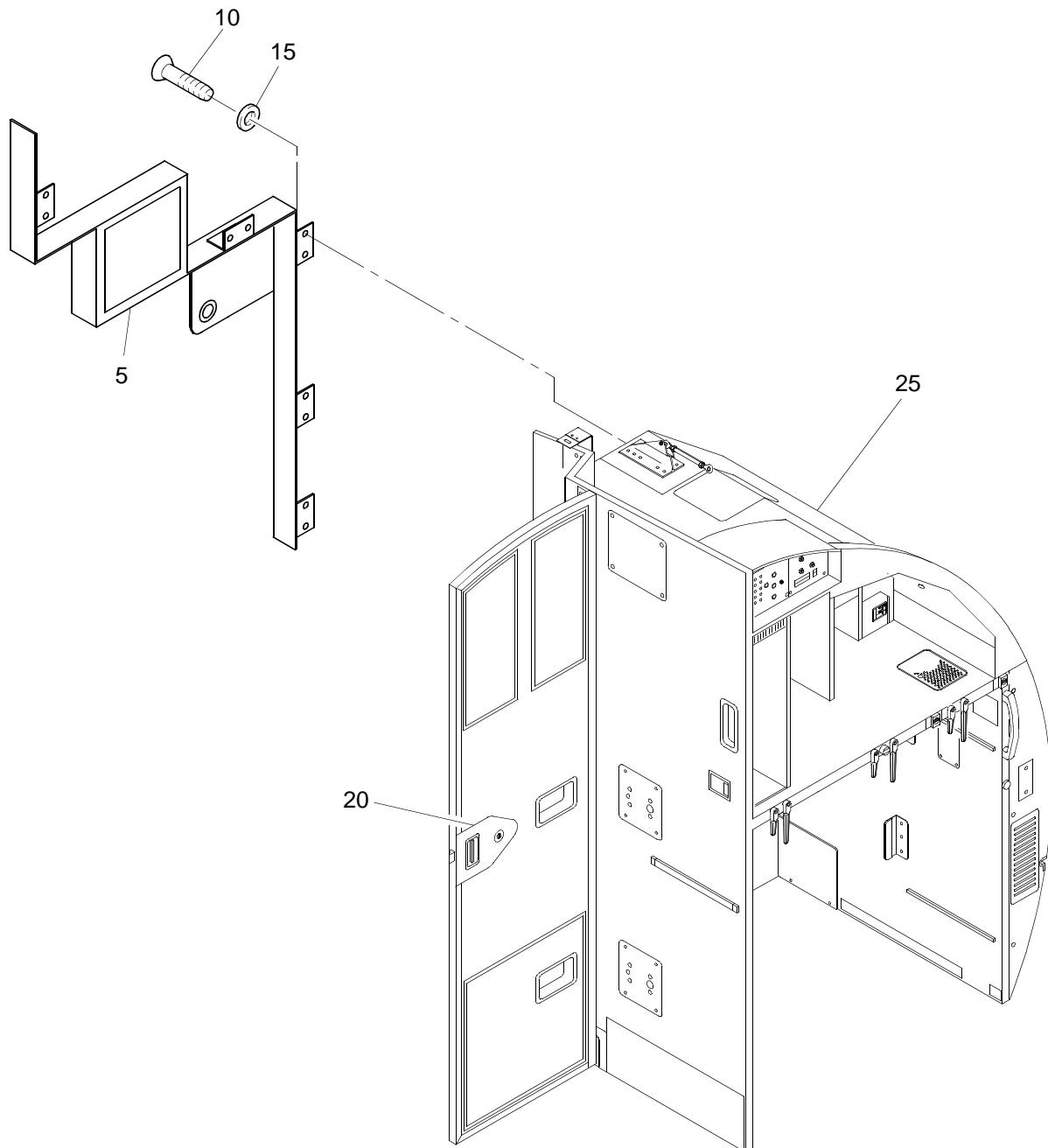
**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

PART NUMBER	AIRLINE STOCK NO.	IPL FIGURE	FIGURE ITEM	TTL REQ
9332083-703		7	- 55A	1
9332083-9		7	50	1
9332093-1		2	460	1
9332093-3		2	465	1
9332108-501		2	820	4
9332109-501		12	220	1
9332110-501		2	480	2
9332115-11		5	450	1
9332115-5		2	495	1
9332115-501		5	- 445	2
9332115-7		2	500	1
9332115-9		5	455	1
9332141-3		5	250	1
9332167-1		7	5	1
9332167-3		2	795	1
9332167-503		2	800	1
		7	- 1	RF
9332167-505		2	-800A	1
		7	- 1A	RF
9332171-503		2	840	1
		8	- 1	RF
9332174-1		6	55	1
9332174-3		6	45	1
9332174-5		6	50	AR
9332174-501		2	360	1
		6	- 1	RF
9332174-7		6	40	1
9332174-9		6	15	1
9332701-501		3	200	1
		4	- 1	RF
9332701-601		4	- 110	1
9333001-11		2	815	1



C & D AEROSPACE  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**

PART NUMBER	AIRLINE STOCK NO.	IPL FIGURE	FIGURE ITEM	TTL REQ
9333001-5		2	175	1
9333001-7		2	95	2
9333001-9		2	810	1
9333006-31		5	195	1
9333006-33		5	215	1
9333006-35		5	205	1
9333073-1		12	315	1
9333073-3		12	310	1
9333073-5		12	295	2
9333073-7		12	325	2
9333115-3		2	640	1
R 9334009-31		11	- 75A	1
R 9341216-3		2	68	2
9393401-3		2	315	1
9393401-503		2	- 310	1
9393401-53		2	330	1
9393451-501		9	20	1
9397001-505		1	20	1
9397257-501		2	180	1
9397257-502		2	210	1
9397258-1		12	60	2
9397258-3		12	65	1
9397261-1		2	195	1
95606A260		5	265	1



IPL Figure 1. G1 Galley Assembly

**25-32-98**

Page 10032  
Apr 01/01

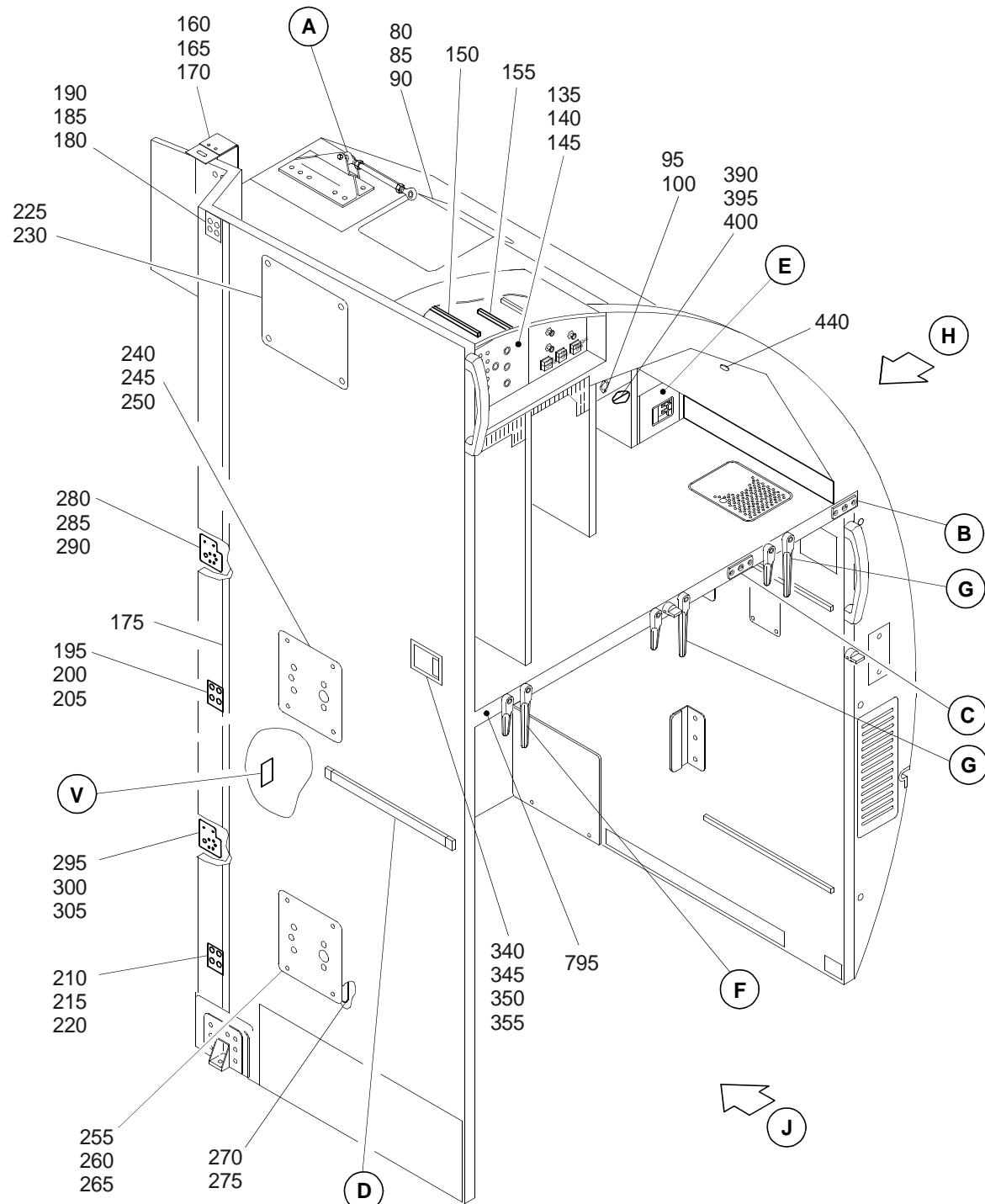

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**9332001**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	INDENT	NOMENCLATURE	EFF CODE	UNITS PER ASSY
R 1			0	GALLEY ASSY, G1	A	RF
R - 1A	9332001-103		0	GALLEY ASSY, G1	B	RF
R 5	9332001-105		1	COAT ROOM ASSY (SEE FIG. 10 FOR DETAILS)		1
				ATTACHING PARTS		
R 10	9331184-501		1	SCREW		10
R 15	NAS603-6P		1	WASHER		10
				--- * ---		
R 20	NAS1149F0332P		1	DOOR ASSY, COCKPIT (RF CMM 25-17-01 FOR DETAILS)		
R 25	9397001-505		1	GALLEY ASSY, G1 (SEE FIG. 2 FOR DETAILS)	A	1
R - 25A	9332001-503		1	GALLEY ASSY, G1 (SEE FIG. 2 FOR DETAILS)	B	1

- ITEM NOT ILLUSTRATED



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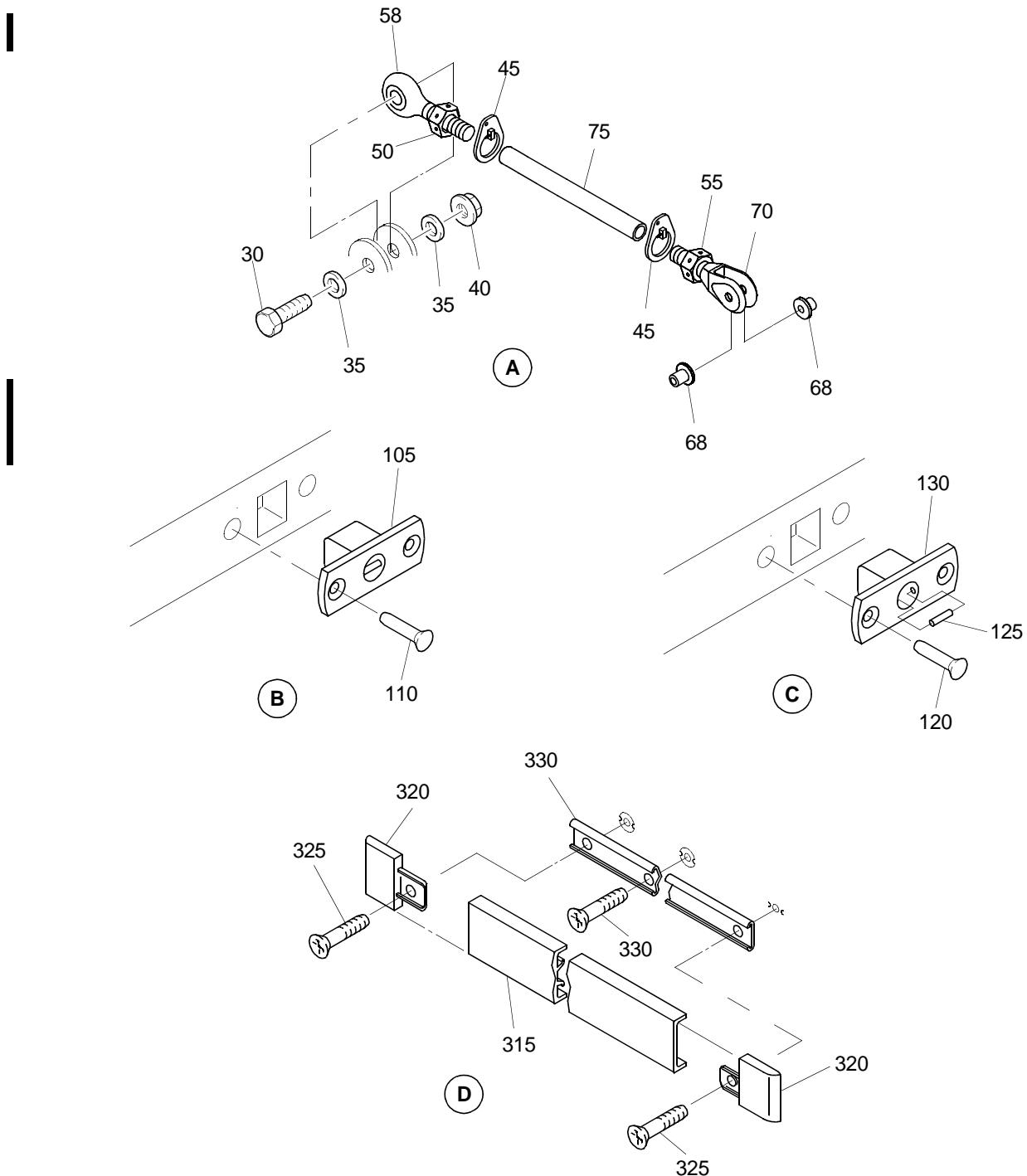


IPL Figure 2. G1 Galley Assembly  
(Sheet 1 of 7)

**25-32-98**

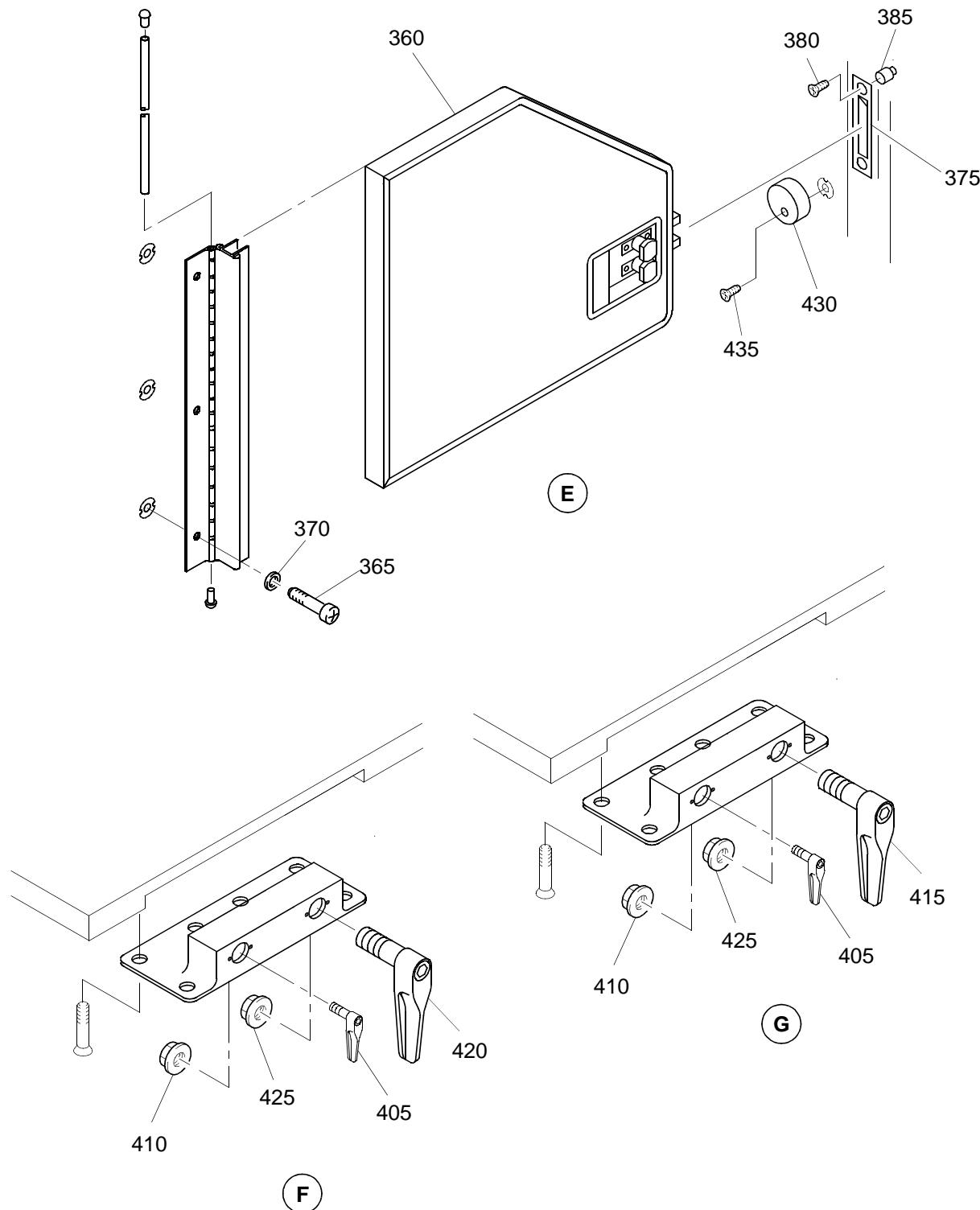
Page 10034  
Jun 01/04

**COMPONENT MAINTENANCE MANUAL**  
**9332001**



IPL Figure 2. G1 Galley Assembly  
(Sheet 2)

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**9332001**



IPL Figure 2. G1 Galley Assembly  
(Sheet 3)

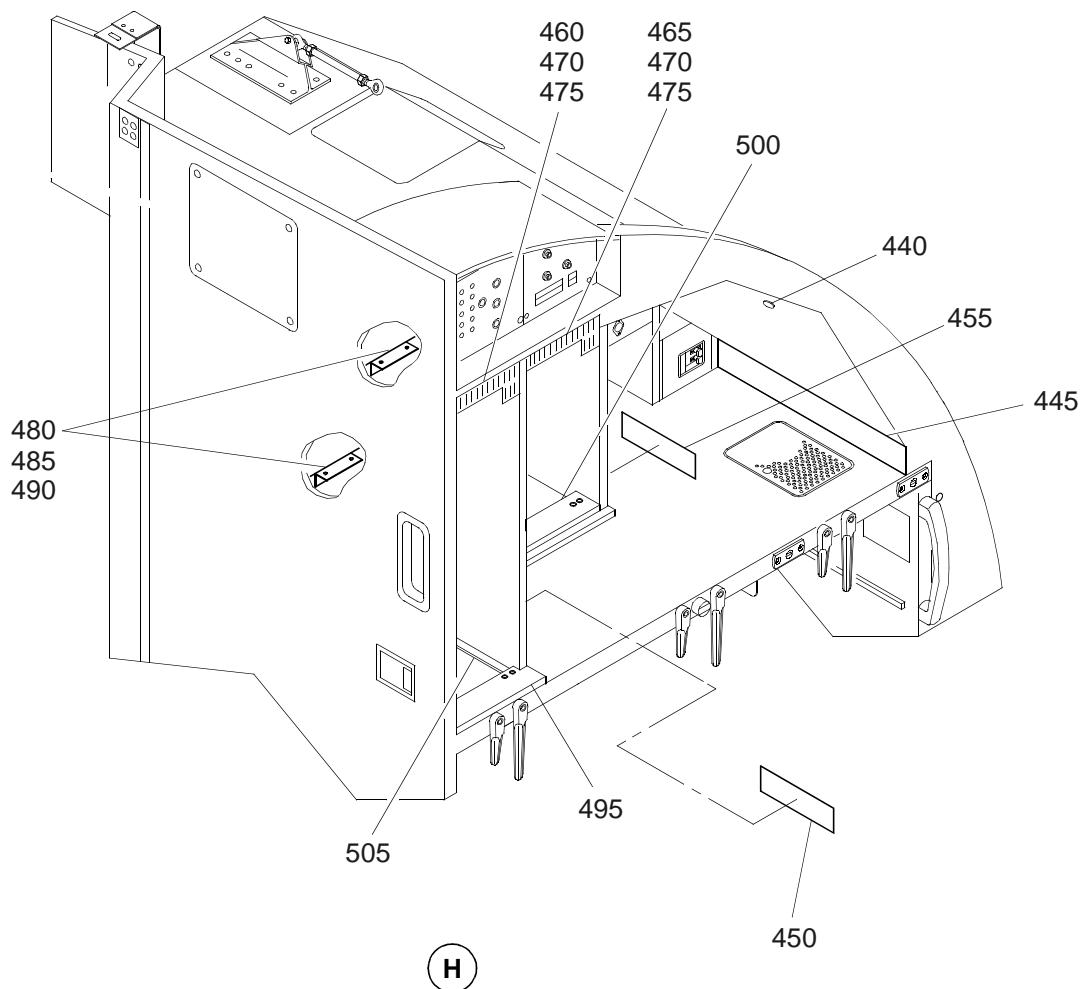
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Page 10036  
Apr 01/01



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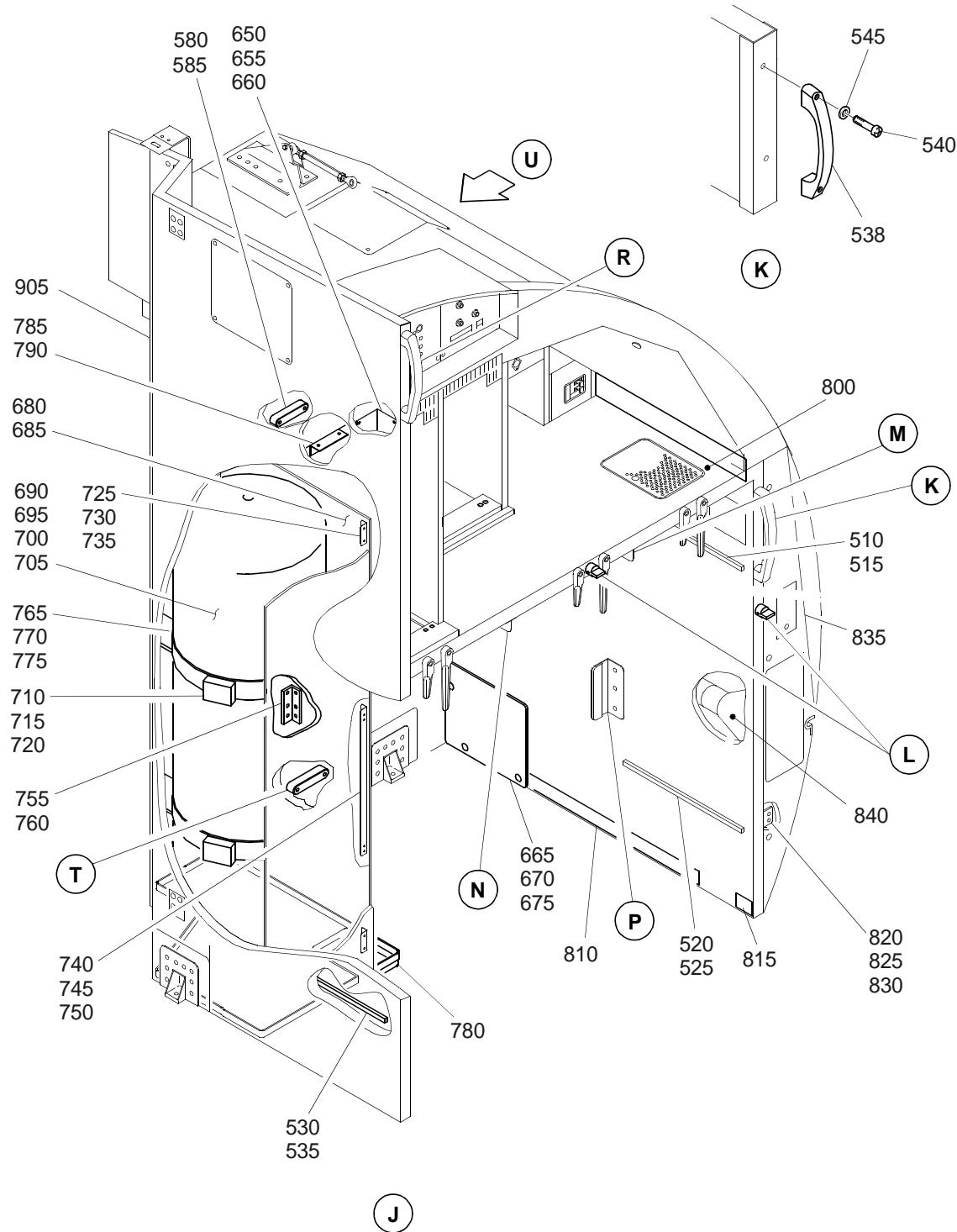
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IPL Figure 2. G1 Galley Assembly  
(Sheet 4)

**25-32-98**

Page 10037  
Apr 01/01

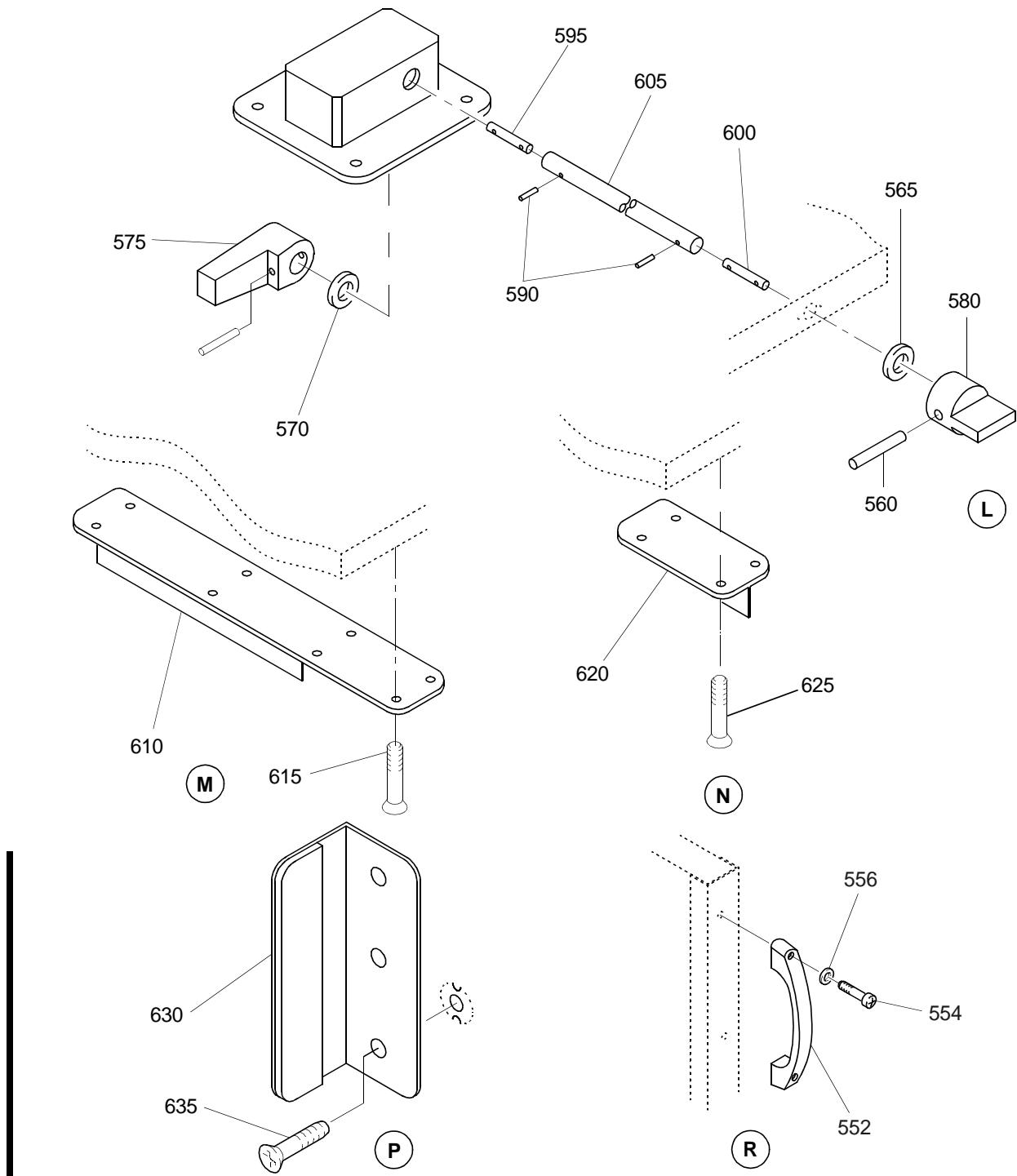


## IPL Figure 2. G1 Galley Assembly (Sheet 5)

**25-32-98**

Page 10038  
Jun 01/04

**COMPONENT MAINTENANCE MANUAL**  
**9332001**

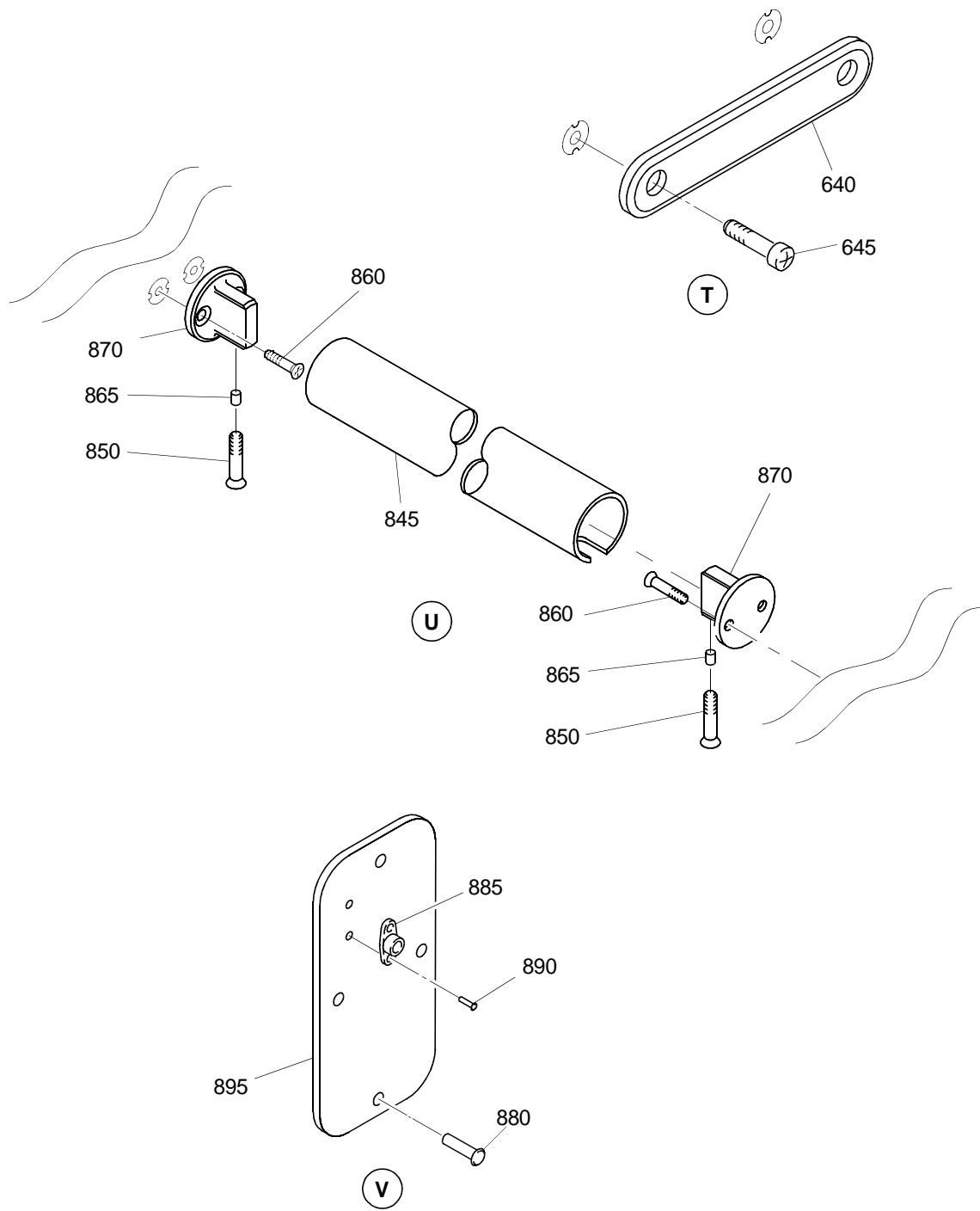


IPL Figure 2. G1 Galley Assembly  
(Sheet 6)

**25-32-98**

Page 10039  
Jun 01/04

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**9332001**



IPL Figure 2. G1 Galley Assembly  
(Sheet 7)

**25-32-98**

Page 10040  
Jun 01/04


**COMPONENT MAINTENANCE MANUAL**  
**9332001**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	INDENT	NOMENCLATURE	EFF CODE	UNITS PER ASSY
R 2			0	GALLEY ASSY, G1 (SEE FIG. 1 FOR NHA)	A	RF
R - 1	9332001-503		0	GALLEY ASSY, G1 (SEE FIG. 1 FOR NHA)	B	RF
R - 1A	9332001-505		1	ELECTRICAL INSTL (SEE FIG. 3 FOR DETAILS)		1
R - 5	9332005-503		1	PLUMBING INSTL (SEE FIG. 5 FOR DETAILS)		1
R - 10	9332006-503		1	NAMEPLATE (RF TABLE 3 FOR TRIM AND FINISH)		1
	15 CDPL160-13		1	ATTACHING PARTS		
R 20	AD32BS		1	RIVET (V70494)		4
				----- * -----		
R - 25	4603059-509		1	ROD ASSY, TIE ATTACHING PARTS		1
R 30	NAS6606-16		1	SCREW		1
R 35	NAS1149F0632P		1	WASHER		2
R 40	MS21042L6		1	NUT		1
				----- * -----		
R 45	NAS513-6		2	WASHER		2
R 50	NAS509L6		2	NUT		1
R 55	NAS509-6		2	NUT		1
R 58	M81935-1-6KL		2	END, ROD, LH		1
R - 60	4603059-601		2	CLEVIS ASSY		1
R - 65	MS21242S6KL		2	DELETED		D
R 68	9341216-3		3	BUSHING		2
R 70	4603059-1		3	CLEVIS		1
R 75	4603059-13		2	BODY, ROD		1
R 80	9332072-7		1	COVER, TIE ROD ACCESS ATTACHING PARTS		1
R 85	NAS514P832-6		1	SCREW		7
R 90	CDSP5801-2AL		1	WASHER		7
				----- * -----		

- ITEM NOT ILLUSTRATED


**COMPONENT MAINTENANCE MANUAL**  
**9332001**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	INDENT	NOMENCLATURE	EFF CODE	UNITS PER ASSY
2						
95	9333001-7		1	HOOK, VELCRO		2
100	9331111-503		1	COVER, ELECTRICAL OUTLET		1
105	9331528-3		1	SOCKET, WORKSHELF ATTACHING PARTS		1
110	CR3212-4-03		1	RIVET (V11815) - - - * - - -		2
- 115	9331528-503		1	SOCKET ASSY, WORKSHELF ATTACHING PARTS		1
120	CR3212-4-03		1	RIVET (V11815) - - - * - - -		2
125	MS16562-214		2	PIN, SPRING		1
130	9331528-7		2	SOCKET		1
135	5E2621-3		1	CONTROLLER, POTABLE WATER SYSTEM (V88308) ATTACHING PARTS		1
140	NAS514P1032-7		1	SCREW		4
145	CDSP5801-3AL		1	WASHER - - - * - - -		4
150	CDSP2400T		1	RUBSTRIP (FULL PN CDSP2400T-53-1225)		2
155	CDSP2400T		1	RUBSTRIP (FULL PN CDSP2400T-35-650)		2
160	9331080-501		1	BRACKET, ENTRANCE CEILING SUPPORT ATTACHING PARTS		1
165	NAS514P832-20		1	SCREW		2
170	CDSP5801-2AL		1	WASHER - - - * - - -		2
175	9333001-5		1	SEAL, GAP		1
180	9397257-501		1	HINGE, COCKPIT DOOR ATTACHING PARTS		1
185	NAS603-8P		1	SCREW		4
190	NAS1149F0332P		1	WASHER - - - * - - -		4

- ITEM NOT ILLUSTRATED


**COMPONENT MAINTENANCE MANUAL**  
**9332001**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	INDENT	NOMENCLATURE	EFF CODE	UNITS PER ASSY
R	2					
	195	9397261-1		1 SUPPORT, FWD, COCKPIT ATTACHING PARTS		1
	200	NAS514P832-6		1 SCREW		4
	205	NAS1149F0332P		1 WASHER ----- * -----		4
	210	9397257-502		1 HINGE, COCKPIT DOOR ATTACHING PARTS		1
	215	NAS603-8P		1 SCREW		4
	220	NAS1149F0332P		1 WASHER ----- * -----		4
	225	9331081-503		1 COVER, ACCESS (RF TABLE 3 FOR TRIM AND FINISH) ATTACHING PARTS		1
	230	NAS514P832-6		1 SCREW		4
	235	CDSP5801-2AL		1 DELETED ----- * -----		D
	240	16298-3		1 FITTING, UPPER (V34696) ATTACHING PARTS		1
	245	NAS603-16P		1 SCREW		5
	250	NAS1149F0332P		1 WASHER ----- * -----		5
	255	16298-7		1 FITTING, LOWER (V34696) ATTACHING PARTS		1
	260	NAS603-16P		1 SCREW		5
	265	NAS1149F0332P		1 WASHER ----- * -----		5
	270	9332072-503		1 COVER ATTACHING PARTS		2
R	275	NAS514P1032-7		1 SCREW ----- * -----		8
	280	16298-1		1 FITTING, UPPER (V34696) ATTACHING PARTS		1
R	285	NAS603-16P		1 SCREW		5

- ITEM NOT ILLUSTRATED



## COMPONENT MAINTENANCE MANUAL

9332001

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	INDENT	NOMENCLATURE	EFF CODE	UNITS PER ASSY
2						
290	NAS1149F0332P		1	WASHER ----- * -----		5
295	16298-5		1	FITTING, LOWER (V34696) ATTACHING PARTS		1
300	NAS603-16P		1	SCREW		5
305	NAS1149F0332P		1	WASHER ----- * -----		5
- 310	9393401-503		1	RUBSTRIP ASSY		1
315	9393401-3		2	RUBSTRIP		1
320	M25L1006-9		2	CAP, END ATTACHING PARTS		2
325	NAS514P632-6		2	SCREW ----- * -----		2
330	9393401-53		2	RETAINER ATTACHING PARTS		1
335	MS35206-227		2	SCREW ----- * -----		1
340	20626-5		1	DOOR HOLD OPEN (V51941) ATTACHING PARTS		1
345	NAS514P832-6		1	SCREW		2
350	MS24679-2		1	NUT, CAP ----- * -----		2
355	20626-3		1	BACK PLATE, DOOR HOLD OPEN (V51941)		1
360	9332174-501		1	DOOR ASSY (SEE FIG. 6 FOR DETAILS) ATTACHING PARTS		1
365	NAS514P832-6		1	SCREW		2
370	CDSP5801-2AL		1	WASHER ----- * -----		2
R	375	CDSP1107-1	1	STRIKER, DOOR ATTACHING PARTS		1
R	380	NAS514P632-6	1	SCREW		2
R	385	AKS4-632-80L	1	RIVNUT (V78276)		2

- ITEM NOT ILLUSTRATED


**COMPONENT MAINTENANCE MANUAL**  
**9332001**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	INDENT	NOMENCLATURE	EFF CODE	UNITS PER ASSY
2				----- * -----		
	390	9331081-17	1	COVER, BACK, MISCELLANEOUS COMPARTMENT ATTACHING PARTS		1
	395	NAS603-6P	1	SCREW		2
	400	NAS1149F0332P	1	WASHER		2
				----- * -----		
	405	CDSP1202-1	1	RETAINER, CART ATTACHING PARTS		3
	410	MS21042L6	1	NUT		3
				----- * -----		
	415	CDSP1201-2	1	RETAINER, CART		2
	420	CDSP1220-2	1	RETAINER, CART ATTACHING PARTS		1
	425	MS21042L6	1	NUT		3
				----- * -----		
	430	CDSP5602-7	1	STOP, DOOR ATTACHING PARTS		1
	435	NAS514P832-6	1	SCREW		1
				----- * -----		
	440	9332072-23	1	SPACER, DOOR (BONDED)		1
	445	9332076-1	1	GUARD, SPLASH (BONDED)		1
	450	9332076-3	1	GUARD, SPLASH (BONDED)		1
	455	9332076-5	1	GUARD, SPLASH (BONDED)		1
R	460	9332093-1	1	SCREEN, OVEN		1
R	465	9332093-3	1	SCREEN, OVEN		1
R				ATTACHING PARTS		
R	470	NAS602-5P	1	SCREW		8
R	475	NAS1149F0832P	1	WASHER		8
R				----- * -----		
R	480	9332110-501	1	BRACKET, OVEN ATTACHING PARTS		2
R	485	NAS603-8P	1	SCREW		12

- ITEM NOT ILLUSTRATED


**COMPONENT MAINTENANCE MANUAL**  
**9332001**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	INDENT	NOMENCLATURE	EFF CODE	UNITS PER ASSY
2						
	490	NAS1149F0832P		1 WASHER ----- * -----		12
	495	9332115-5		1 RUBSTRIP, OVEN (BONDED)		1
	500	9332115-7		1 RUBSTRIP, OVEN (BONDED)		1
	505	CDSP2400T		1 RUBSTRIP (BONDED) (FULL PN CDSP2400-50-1900)		4
	510	9331115-7		1 RUBSTRIP, CART ATTACHING PARTS		1
	515	NAS514P1032-9		1 SCREW ----- * -----		3
	520	9331115-5		1 RUBSTRIP, CART ATTACHING PARTS		1
	525	NAS514P1032-9		1 SCREW ----- * -----		3
	530	9331115-3		1 RUBSTRIP, CART ATTACHING PARTS		2
	535	NAS514P1032-9		1 SCREW ----- * -----		6
R	538	9331112-1		1 HANDLE, ASSIST ATTACHING PARTS		1
R	540	NAS603-20P		1 SCREW		2
R	545	NAS1149F0332P		1 WASHER ----- * -----		2
R	550	4602308-501		1 DELETED		D
R	552	9331112-1		1 HANDLE, ASSIST ATTACHING PARTS	B	1
R	554	NAS603-20P		1 SCREW	B	2
R	555	9331112-1		1 DELETED		D
R	556	NAS1149F0332P		1 WASHER ----- * -----	B	2
R	560	MS16562-225		1 PIN		2
	565	NAS1515H4		1 WASHER, NYLON		2
	570	NAS1515H4H		1 WASHER		2

- ITEM NOT ILLUSTRATED


**COMPONENT MAINTENANCE MANUAL**  
**9332001**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	INDENT	NOMENCLATURE	EFF CODE	UNITS PER ASSY
R 2			1	DELETED		
R 575	20682-405		1	RETAINER, 1/4-TURN	D	2
R -575A	CDSP1223-1		1	KNOB		2
R 580	4081068-3		1	ROD ASSY		2
R - 585	9331186-505		2	PIN		2
R 590	MS16562-220		2	SCREW, SPECIAL		1
R 595	4081071-3		2	ROD, CONNECTING		1
R 600	4081070-1		2	TUBE, DISTANCE		1
R 605	9331106-5		1	TEE, DIVIDER		1
R 610	9331100-9		1	ATTACHING PARTS		
R 615	NAS514P1032-7		1	SCREW		8
				----- * -----		
R 620	9331100-15		1	TEE, DIVIDER		1
			1	ATTACHING PARTS		
R 625	NAS514P1032-7		1	SCREW		6
				----- * -----		
R 630	9331097-501		1	STOP, CART		7
			1	ATTACHING PARTS		
R 635	NAS514P1032-7		1	SCREW		21
				----- * -----		
R 640	9333115-3		1	STOP		1
			1	ATTACHING PARTS		
R 645	NAS514P1032-9		1	SCREW		2
				----- * -----		
R 650	9331081-19		1	COVER, ACCESS		1
			1	ATTACHING PARTS		
R 655	NAS514P832-6		1	SCREW		4
R 660	CDSP5801-2AL		1	WASHER		4
				----- * -----		
R 665	9331081-501		1	COVER, AIR SUPPLY ACCESS		1
			1	ATTACHING PARTS		
R 670	NAS514P832-6		1	SCREW		3
R 675	CDSP5801-2AL		1	WASHER		3

- ITEM NOT ILLUSTRATED


**COMPONENT MAINTENANCE MANUAL**  
**9332001**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	INDENT	NOMENCLATURE	EFF CODE	UNITS PER ASSY
2				----- * -----		
R 680	9331183-507		1	DELETED	D	
R -680A	9331183-501		1	PANEL, WATER TANK COVER ATTACHING PARTS	1	
685	NAS514P1032-9		1	SCREW ----- * -----		8
690	5E2657-1		1	TANK, WATER (V88308)		1
695	9332001-1		1	STRIP, MYLAR ABRASION	AR	
700	455C88-1110M		1	CLAMP	2	
705	4E3269-2		1	INSULATION (V88308)	AR	
710	9331077-501		1	BRACKET ATTACHING PARTS		4
715	NAS603-6P		1	SCREW		8
720	NAS1149C0332R		1	WASHER ----- * -----		8
725	9331183-503		1	BRACKET ATTACHING PARTS		7
730	NAS603-6P		1	SCREW		14
735	NAS1149F0332P		1	WASHER ----- * -----		14
740	9331183-505		1	BRACKET ATTACHING PARTS		1
745	NAS603-6P		1	SCREW		4
750	NAS1149F0332P		1	WASHER ----- * -----		4
755	9331097-505		1	BRACKET ATTACHING PARTS		1
760	NAS514P1032-7		1	SCREW ----- * -----		3
765	9331185-501		1	PANEL, FWD SUPPORT WATER TANK ATTACHING PARTS		2
770	NAS603-6P		1	SCREW		4

- ITEM NOT ILLUSTRATED



**COMPONENT MAINTENANCE MANUAL**  
**9332001**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	INDENT	NOMENCLATURE	EFF CODE	UNITS PER ASSY
2						
775	NAS1149F0332P		1	WASHER ----- * -----		4
780	9331078-1		1	SUMP, WATER TANK LEAKAGE		1
785	9331097-503		1	ANGLE, WATER TANK PROTECTION ATTACHING PARTS		1
790	NAS514P1032-7		1	SCREW ----- * -----		3
795	9332167-3		1	TRIM, WORKDECK (BONDED)		1
800	9332167-503		1	WORK COUNTER ASSY (SEE FIG. 7 FOR DETAILS) (USE ON A/C 10012 THRU 10015)		1
-800A	9332167-505		1	WORK COUNTER ASSY (SEE FIG. 7 FOR DETAILS) (USE ON A/C 10027)		1
810	9333001-9		1	HOOK, VELCRO		1
815	9333001-11		1	HOOK, VELCRO		1
820	9332108-501		1	BRACKET, RECEPTACLE ATTACHING PARTS		4
825	NAS602-5P		1	SCREW		8
830	NAS1149F0832P		1	WASHER ----- * -----		8
835	9331182-501		1	PANEL ASSY, OUTBOARD ACCESS (RF TABLE 3 FOR TRIM AND FINISH) (SEE FIG. 9 FOR DETAILS)		1
840	9332171-503		1	AIR DUCT ASSY, GALLEY G1 (SEE FIG. 8 FOR DETAILS)		1
R	845	CDSP3803S387	1	COAT ROD ATTACHING PARTS		1
R	850	NAS514P632-6	1	SCREW ----- * -----		2
R	- 855	CDSP3802-501	1	FITTING ASSY, COAT ROD ATTACHING PARTS		1
R	860	NAS514P832-6	1	SCREW		2

- ITEM NOT ILLUSTRATED



## COMPONENT MAINTENANCE MANUAL

9332001

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	INDENT	NOMENCLATURE	EFF CODE	UNITS PER ASSY
2				----- * -----		
	865	MS21209C0620	2	INSERT		1
	870	CDSP3802-1	2	FITTING		1
	- 875	9332071-501	1	COVER ASSY, VENTILATION ATTACHING PARTS		1
R	880	AD32BS	1	RIVET (V70494)		2
				----- * -----		
	885	MS21075L3N	2	NUTPLATE ATTACHING PARTS		1
	890	MS20426AD3-4A	2	RIVET		2
				----- * -----		
	895	9332071-1	2	COVER		1
R	- 900	9332009-503	1	TRIM INSTL, EXTRUSION (SEE FIG. 11 FOR DETAILS)	A	1
R	-900A	9332009-505	1	TRIM INSTL, EXTRUSION (SEE FIG. 11 FOR DETAILS)	B	1
	905	9332004-503	1	STRUCTURE ASSY (BONDED) (SEE FIG. 12 FOR DETAILS)		1

- ITEM NOT ILLUSTRATED

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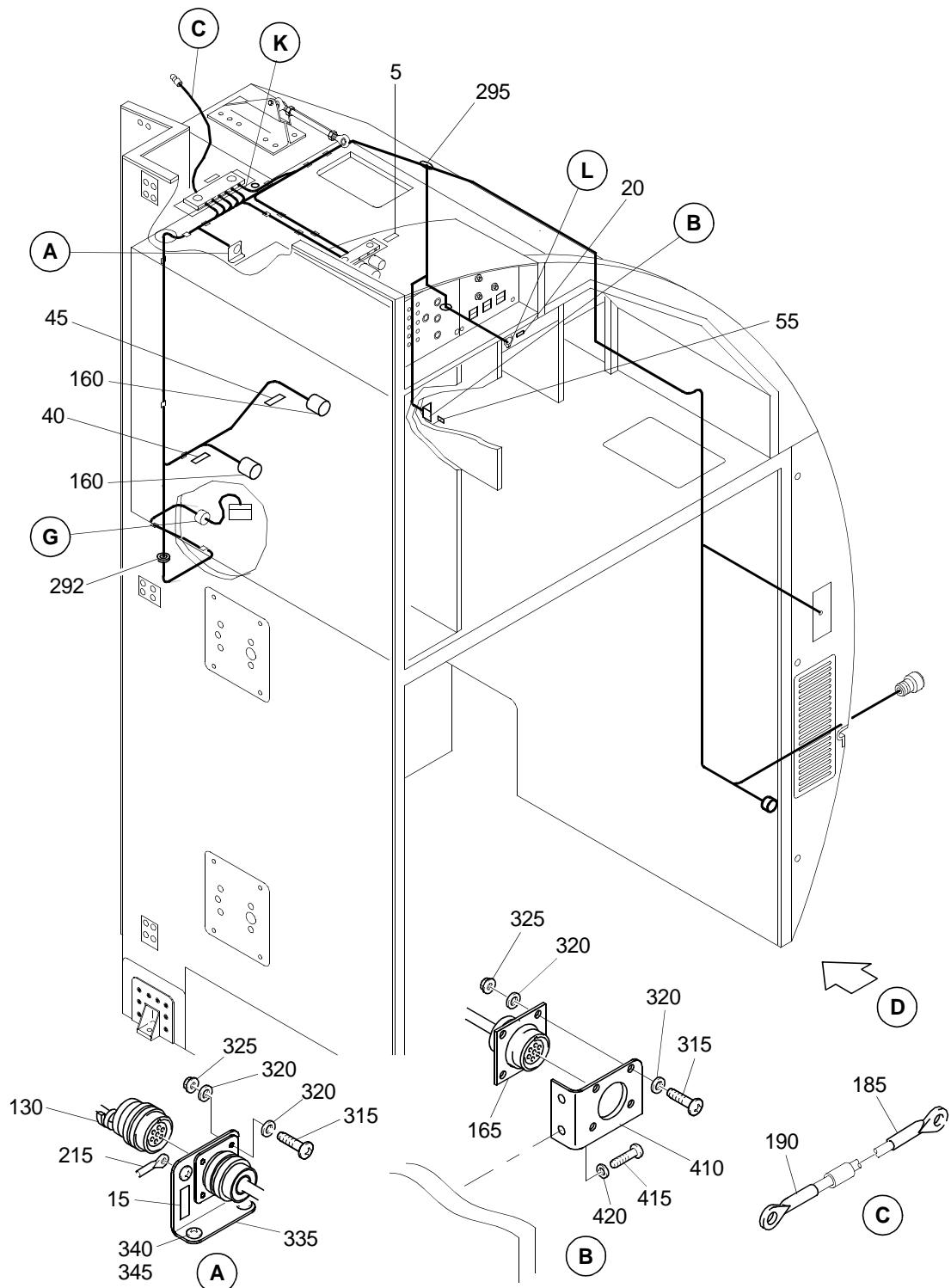


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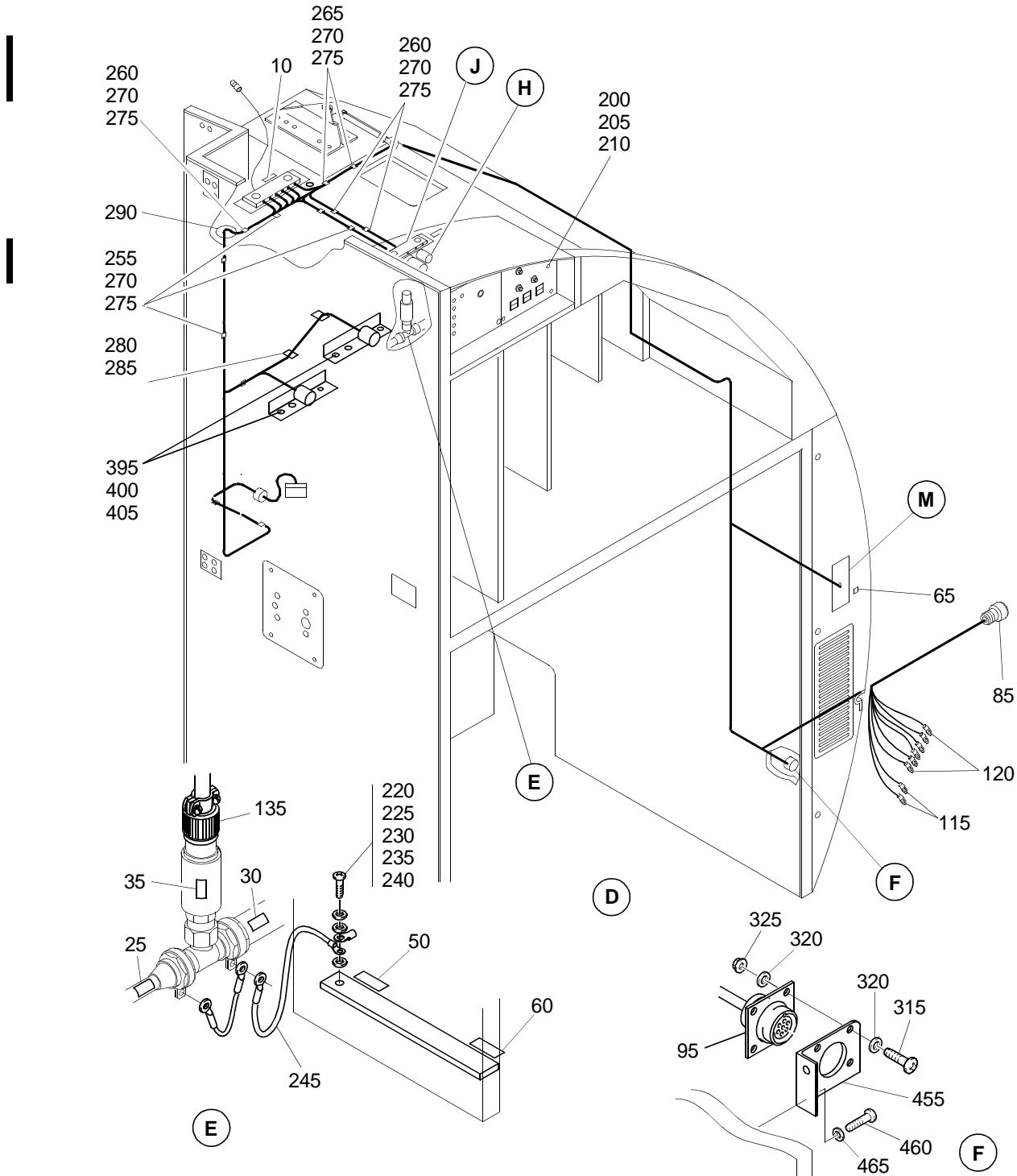


IPL Figure 3. G1 Galley Electrical Installation  
(Sheet 1 of 4)

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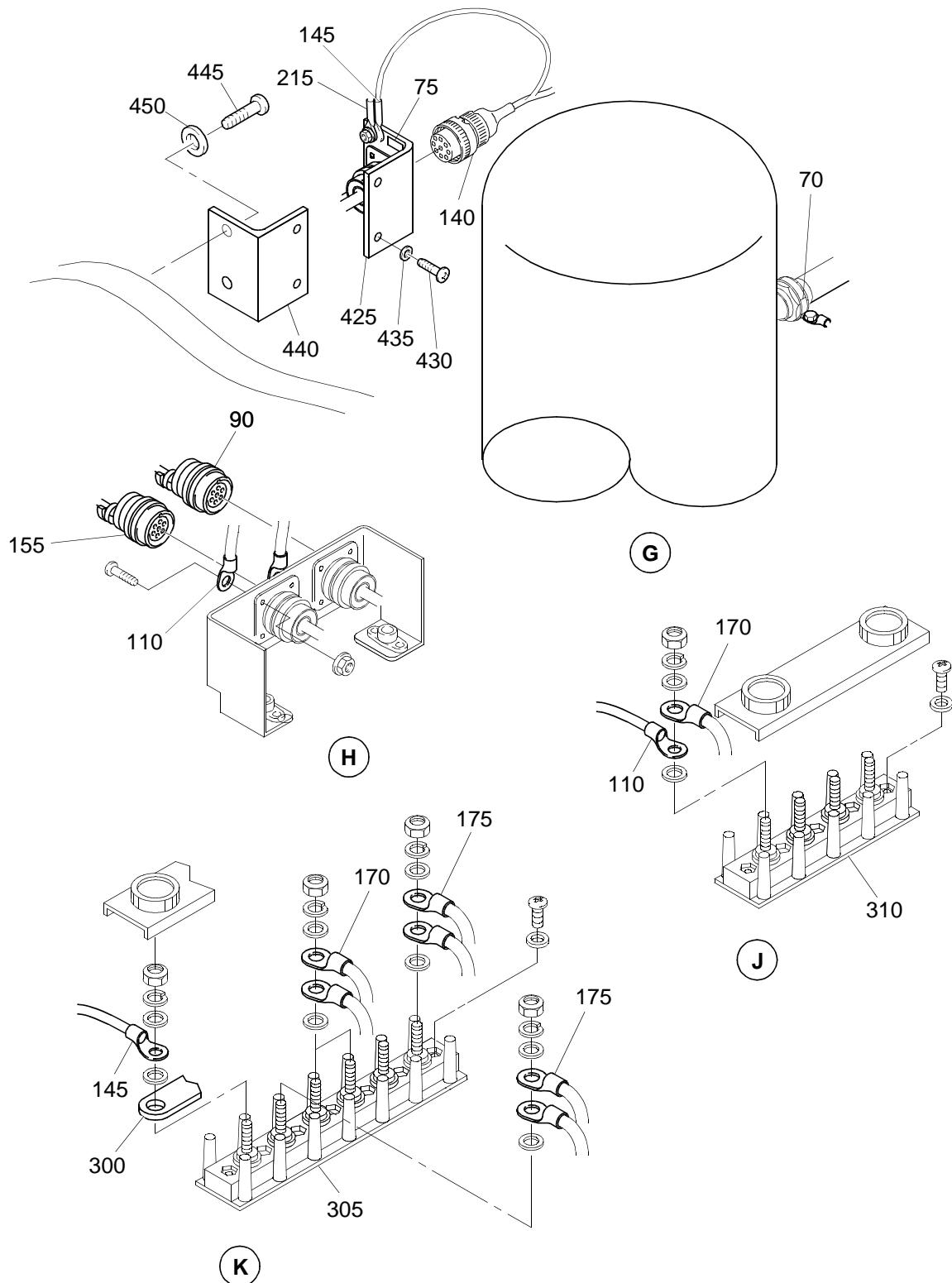
Page 10052  
Jun 01/04

**COMPONENT MAINTENANCE MANUAL**  
**9332001**



IPL Figure 3. G1 Galley Electrical Installation  
(Sheet 2)

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**9332001**

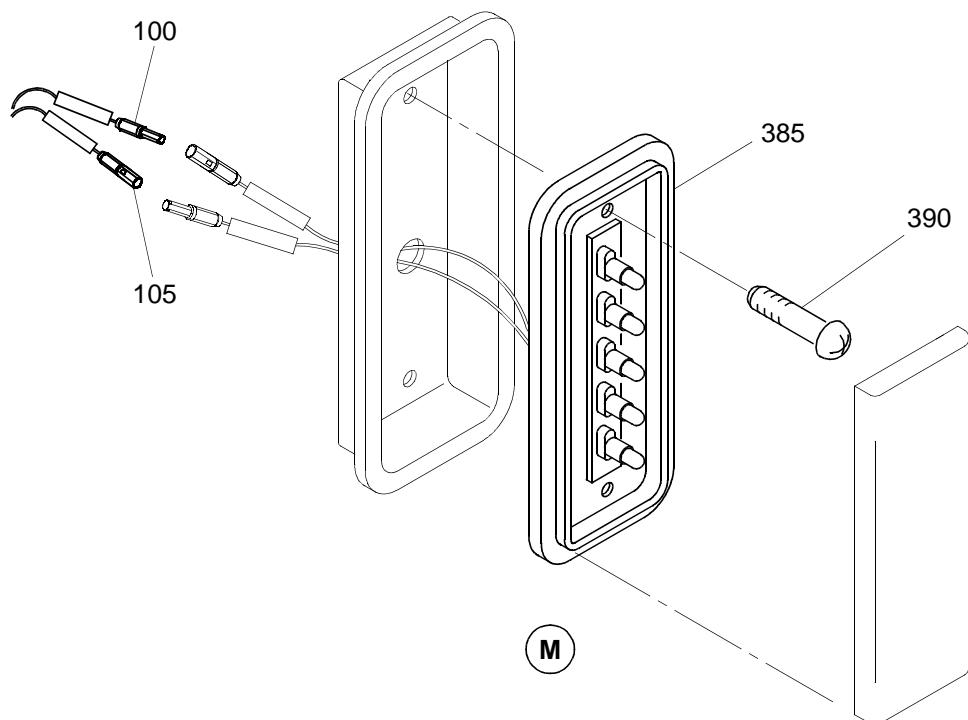
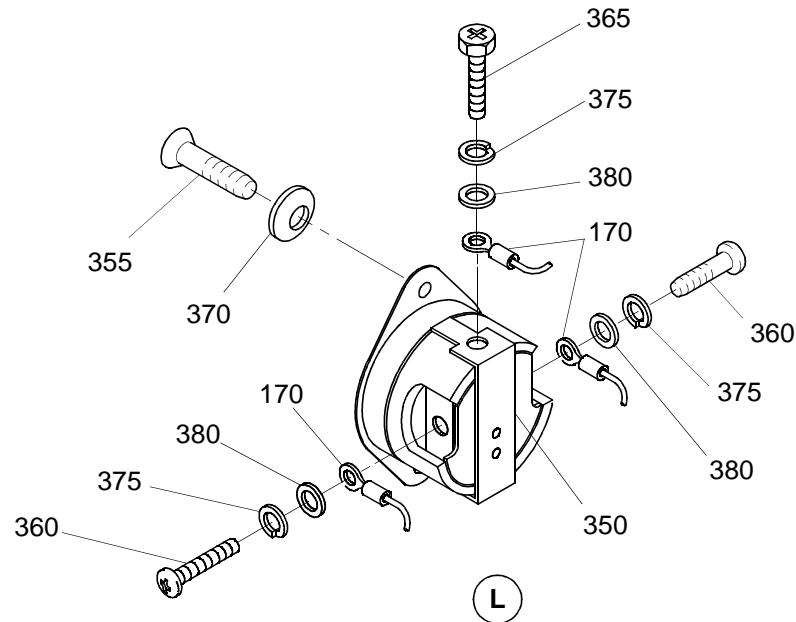


IPL Figure 3. G1 Galley Electrical Installation  
(Sheet 3)

**25-32-98**

Page 10054  
Apr 01/01

**COMPONENT MAINTENANCE MANUAL**  
**9332001**



IPL Figure 3. G1 Galley Electrical Installation  
(Sheet 4)

**25-32-98**

Page 10055  
Apr 01/01


**COMPONENT MAINTENANCE MANUAL**  
**9332001**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	INDENT	NOMENCLATURE	EFF CODE	UNITS PER ASSY
3			0	ELECTRICAL INSTL, G1 GALLEY (SEE FIG. 2 FOR NHA)		RF
	- 1	9332005-503				
	5	CDPL136TB5020	1	PLACARD, "TB5020"		1
	10	CDPL136TB5022	1	PLACARD, "TB5022"		1
	15	CDPL136GS5010	1	PLACARD, "GS5010"		1
	20	CDPL136J5000	1	PLACARD, "J5000"		1
	25	CDPL136GS5014	1	PLACARD, "GS5014"		1
	30	CDPL136GS5013	1	PLACARD, "GS5013"		1
	35	CDPL136MT184	1	PLACARD, "MT184"		1
	40	CDPL136A200	1	PLACARD, "A200"		1
	45	CDPL136A201	1	PLACARD, "A201"		1
	50	CDPL136GS5033	1	PLACARD, "GS5033"		1
	55	CDPL136A196	1	PLACARD, "A196"		1
R	60	CDPL136GS5003	1	DELETED		D
R	- 60A	CDPL136GS5041	1	PLACARD, "GS5041"		1
	65	CDPL136DS154	1	PLACARD, "DS154"		1
	70	CDPL136GS5012	1	PLACARD, "GS5012"		1
	75	CDPL136GS5011	1	PLACARD, "GS5011"		1
	- 80	9331705-511	1	WIRE HARNESS ASSY		1
	85	D38999-26FD18PN	2	CONNECTOR, PLUG (V06324) (P372)		1
	90	D38999-26FD18SN	2	CONNECTOR, PLUG (V06324) (PL114P2)		1
	95	D38999-20FA35SN	2	CONNECTOR, PLUG (V06324) (HR42J1)		1
	100	M39029-31-229	2	CONTACT, PIN (DS154P2)		1
	105	M39029-32-248	2	CONTACT, SOCKET (DS154J1)		1
	110	MS35206-111	2	TERMINAL LUG (TB5020-1 THRU TB5020-8)		8
	115	MS35206-112	2	TERMINAL LUG (GS5000, GS5001)		2
	120	MS25036-157	2	TERMINAL LUG (TB20-1 THRU TB20-6)		6

- ITEM NOT ILLUSTRATED


**COMPONENT MAINTENANCE MANUAL**  
**9332001**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	INDENT	NOMENCLATURE	EFF CODE	UNITS PER ASSY
3						
– 125	9331705-505		1	WIRE HARNESS ASSY		1
130	D38999-20FD19PN		2	CONNECTOR, PLUG (V06324) (J373)		1
135	D38999-26SA35SN		2	CONNECTOR, PLUG (V06324) (MT184P1)		1
140	D38999-20FB35SN		2	CONNECTOR, PLUG (V06324) (MT186J1)		1
145	MS35206-112		2	TERMINAL LUG (GS5011, TB5022-1)		2
– 150	9331715-505		1	WIRE HARNESS ASSY		1
155	D38999-26FJ24SN		2	CONNECTOR, PLUG (V06324) (PL114P1)		1
160	BUC6-33		2	CONNECTOR, RECEPTACLE (V0C307) (A200J1, A201J1)		2
165	MS24264R14B7SN		2	CONNECTOR, RECEPTACLE (A196J1)		1
170	MS25036-112		2	TERMINAL LUG (TB5022-3, TB5022-4, TB5020-1 THRU TB5020-8, J5000, J5000-G, J5000-W)		13
175	MS25036-108		2	TERMINAL LUG (TB5022-2, TB5022-5, TB5022-6)		6
180	9332005-601		1	JUMPER ASSY (GS5102)		1
185	MS25083-3PB28		2	JUMPER, QUICK GROUND DISCONNECT PLUG		1
190	MS25083-3SB		2	JUMPER, QUICK GROUND DISCONNECT SOCKET		1
200	9332701-501		1	MODULE ASSY, ELECTRICAL CONROL (SEE FIG. 4 FOR DETAILS) ATTACHING PARTS		1
205	NAS514P832-6		1	SCREW		4
210	CDSP5801-2AL		1	WASHER ----- * -----		4
215	CD1253-4		1	GROUND STUD INSTL (GS5010, GS5011)		2

- ITEM NOT ILLUSTRATED


**COMPONENT MAINTENANCE MANUAL**  
**9332001**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	INDENT	NOMENCLATURE	EFF CODE	UNITS PER ASSY
3						
220	CD1253-14		1	GROUND STUD INSTL (GS5003, GS5033)		2
225	CDEL032-503		1	TUBE, BONDING (GS5012, GS5013)		2
230	CDEL032-505		1	TUBE, BONDING (GS5014)		1
235	9331712-3		1	STRIP, STATIC GROUND ATTACHING PARTS		1
240	NAS514P1032-5		1	SCREW ----- * -----		1
245	MS25083-2BB10		1	JUMPER		1
R 250	MS25281R6		1	CLAMP		2
R 255	MS25281R8		1	CLAMP		6
R 260	MS25281R9		1	CLAMP		10
R 265	MS25281R11		1	CLAMP ATTACHING PARTS		4
R 270	NAS602-6P		1	SCREW		22
R 275	NAS1149FN816P		1	WASHER ----- * -----		22
	280	MS3367-5-9	1	CABLE TIE		AR
	285	ABMM-D	1	MOUNT, CABLE TIE (V06383)		18
R 290	NAS1368N12A		1	DELETED		D
R -290A	MS21266-1N		1	GROMMET, EDGING (BONDED)		1
R 292	MS21266-8N		1	GROMMET, EDGING (BONDED)		1
R 295	NAS1368N8A		1	DELETED		D
R -295A	NAS1368N14A		1	GROMMET (BONDED)		2
300	MS25226-4-6		1	TERMINAL LINK		1
305	CDEL030-1-41		1	TERMINAL BLOCK ASSY (TB5022)		1
R 310	CDEL030-1-07		1	DELETED		D
R -310A	CDEL030-1-43		1	TERMINAL BLOCK ASSY (TB5020)		1
315	NAS600-6P		1	SCREW		16
320	NAS1149FN416P		1	WASHER		32

- ITEM NOT ILLUSTRATED


**COMPONENT MAINTENANCE MANUAL**  
**9332001**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	INDENT	NOMENCLATURE	EFF CODE	UNITS PER ASSY
3						
325	MS21042L04		1	NUT		16
335	9331708-3		1	BRACKET, WATER CONTROLLER ATTACHING PARTS		1
340	NAS602-6P		1	SCREW		2
345	NAS1149FN816P		1	WASHER		2
				----- * -----		
350	HBL5256		1	RECEPTACLE, 15 AMP OUTLET (V08793) (J5000) ATTACHING PARTS		1
355	NAS514P832-6		1	SCREW		2
360	NAS602-6P		1	SCREW		2
365	NAS1096-2-7		1	SCREW		1
370	CDSP5801-2AL		1	WASHER		2
375	MS35338-42		1	WASHER		3
380	NAS1149FN816P		1	WASHER		3
				----- * -----		
385	BR9279-013		1	BASE ASSY, EXIT IDENTIFIER (V17023) (DS154) ATTACHING PARTS		1
390	MS35206-227		1	SCREW		2
				----- * -----		
395	NAS601-7P		1	SCREW		8
400	NAS1149FN616P		1	WASHER		16
405	MS21042L06		1	NUT		8
410	9331708-11		1	BRACKET, COFFEE MAKER ATTACHING PARTS		1
415	NAS602-6P		1	SCREW		2
420	NAS1149FN816P		1	WASHER		2
				----- * -----		

- ITEM NOT ILLUSTRATED



**COMPONENT MAINTENANCE MANUAL**  
**9332001**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	INDENT	NOMENCLATURE	EFF CODE	UNITS PER ASSY
3						
425	9331708-5		1	BRACKET, WATER TANK ATTACHING PARTS		1
430	NAS602-6P		1	SCREW		2
435	NAS1149FN816P		1	WASHER --- * ---		2
440	9331711-501		1	ANGLE, SUPPORT ATTACHING PARTS		1
445	NAS602-6P		1	SCREW		2
450	NAS1149FN816P		1	WASHER --- * ---		2
455	9331708-7		1	BRACKET, HEATER HOSE ATTACHING PARTS		1
460	NAS602-6P		1	SCREW		2
465	NAS1149FN816P		1	WASHER --- * ---		2

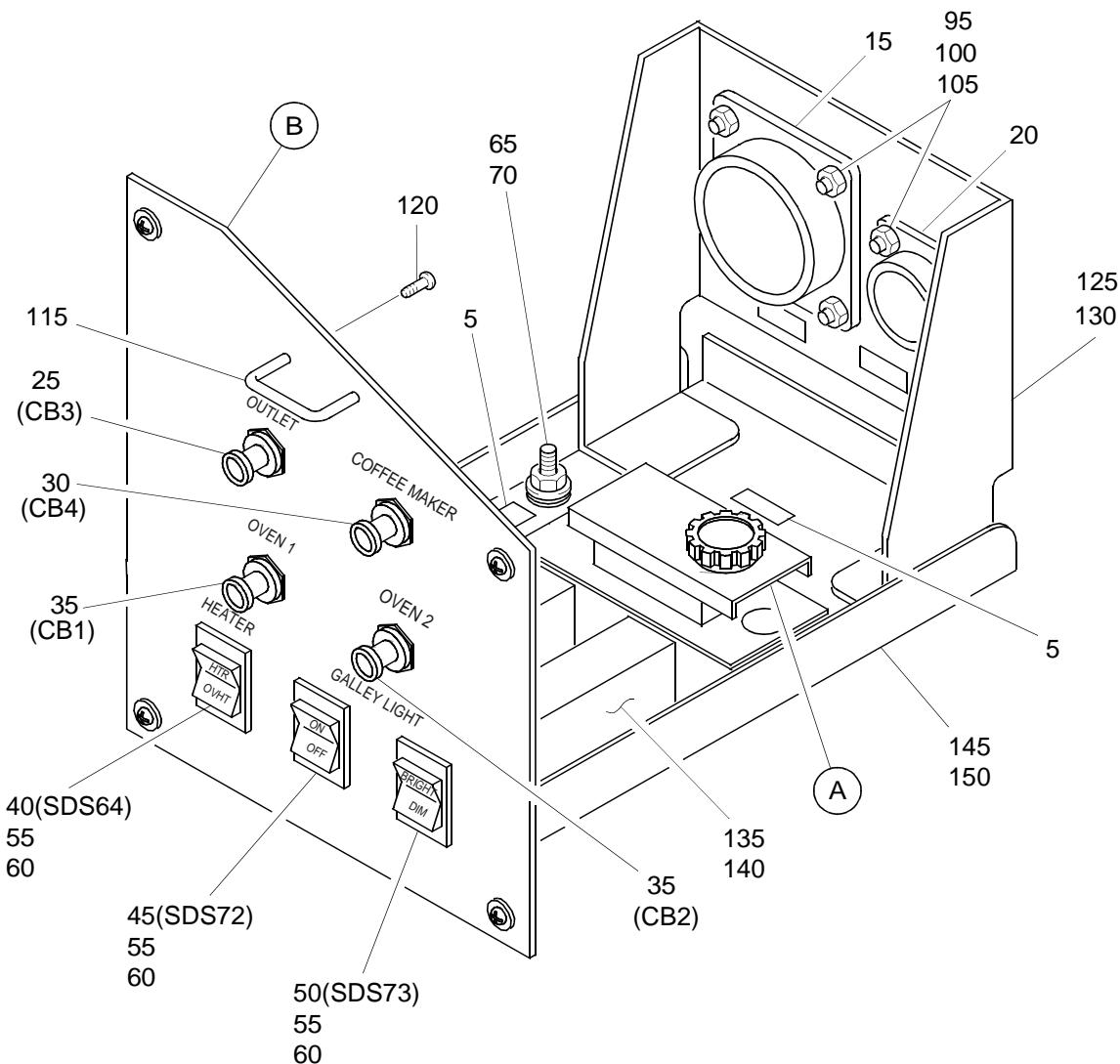
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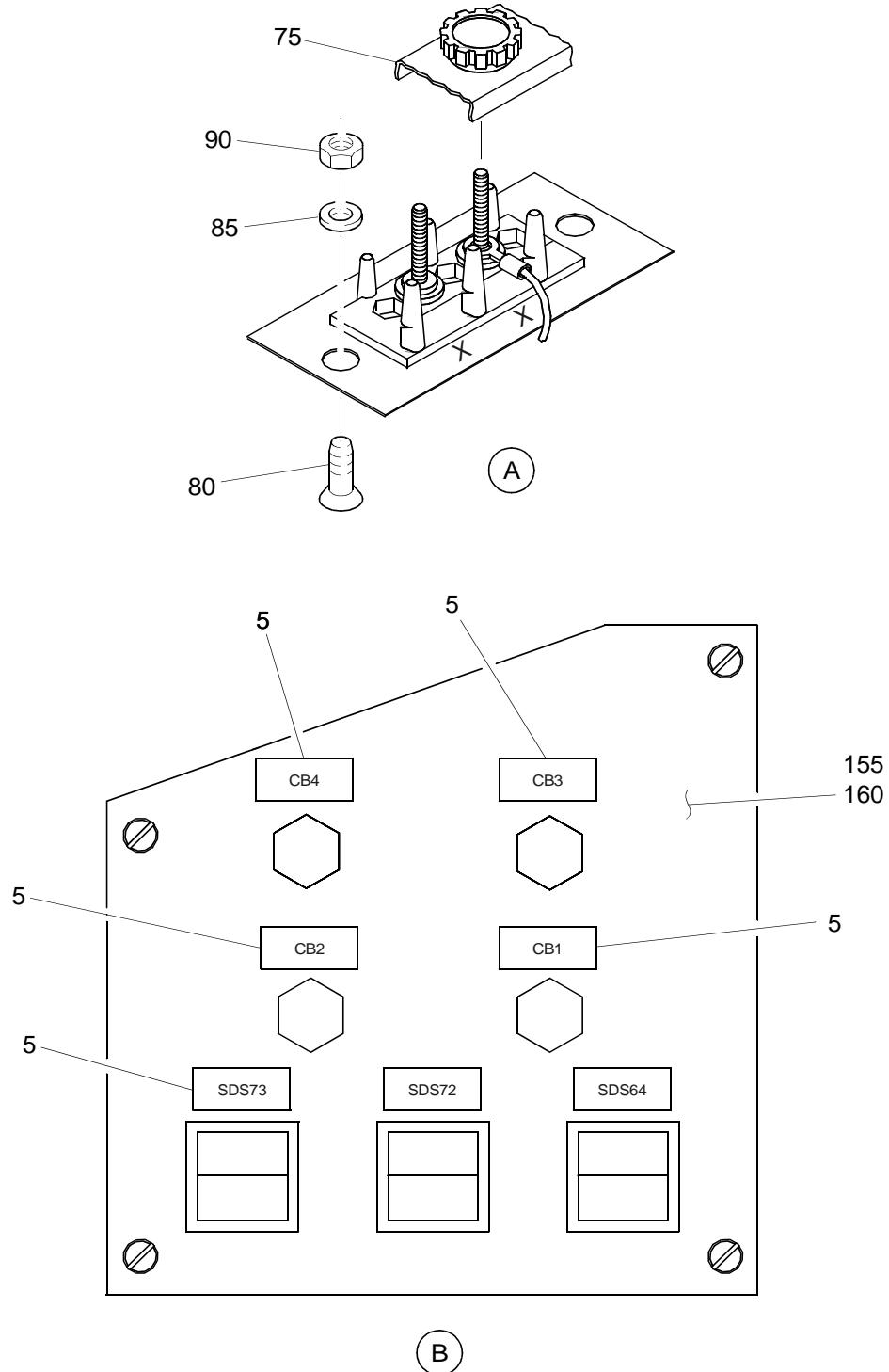


IPL Figure 4. G1 Galley Control Module Assembly  
(Sheet 1 of 2)

**25-32-98**

Page 10062  
Apr 01/01

**COMPONENT MAINTENANCE MANUAL**  
**9332001**



IPL Figure 4. G1 Galley Control Module Assembly  
(Sheet 2)

**25-32-98**

Page 10063  
Apr 01/01



## COMPONENT MAINTENANCE MANUAL

9332001

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	INDENT	NOMENCLATURE	EFF CODE	UNITS PER ASSY
4						
- 1	9332701-501		0	MODULE ASSY, CONTROL G1 GALLEY (SEE FIG. 3 FOR NHA)		RF
5	CDPL136		1	PLACARD		9
- 10	9331715-503		1	WIRE KIT ASSY, CONTROL MODULE		1
15	D38999-20FJ24PN		2	CONNECTOR, RECEPTACLE (PL114J1)		1
20	D38999-20FD18PN		2	CONNECTOR, RECEPTACLE (PL114J2)		1
25	2TC14-15		1	CIRCUIT BREAKER, SINGLE PHASE (V5H377) (OPT PN MS3320-15) (CB3)		1
30	6TC14-10		1	CIRCUIT BREAKER, 3 PHASE (V5H377) (CB4)		1
35	6TC14-15		1	CIRCUIT BREAKER, 3 PHASE (V5H377) (OPT PN MS14154-15) (CB1, CB2)		2
40	800A1C2D2J3L2N2		1	SWITCH, HEATER/OVERHEAT PUSH BUTTON (V9G628) (SDS64)		1
45	800A1C1D2J3L2N2		1	SWITCH, ON/OFF PUSH BUTTON (V9G628) (OPT PN 800A1C1D4J3L2N2) (V9G628) (SDS72)		1
50	800A1C1D2J3L2N2		1	SWITCH, BRIGHT/DIM PUSH BUTTON (V9G628) (OPT PN 800A1C1D4J3L2N2) (V9G628) (SDS73)		1
55	800R2-1		1	SLEEVE, RETENTION SWITCH (V9G628)		3
60	0L6034		1	LAMP, SWITCH (V31869)		12

- ITEM NOT ILLUSTRATED

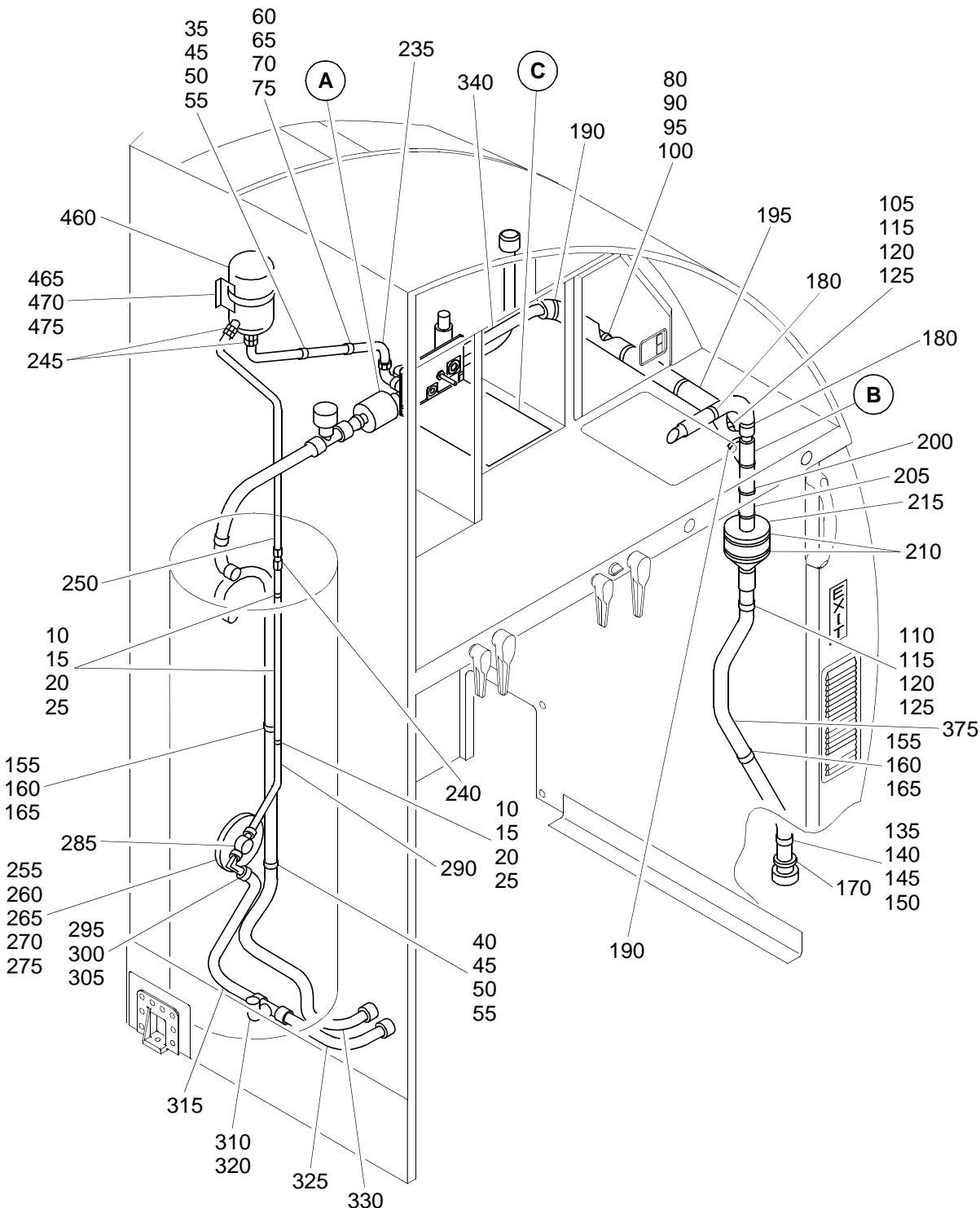

**COMPONENT MAINTENANCE MANUAL**  
**9332001**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	INDENT	NOMENCLATURE	EFF CODE	UNITS PER ASSY
4						
65	CD1253-15		1	GROUND STUD INSTL (GS5002) ATTACHING PARTS		1
70	MS24693C71		1	SCREW ----- * -----		1
75	CDEL030-2-01		1	TERMINAL BLOCK ASSY (TB5021) ATTACHING PARTS		1
80	NAS514P832-6		1	SCREW		2
85	NAS1149FN832P		1	WASHER		2
90	MS21042L08		1	LOCKNUT ----- * -----		2
95	NAS600-6P		1	SCREW		8
100	NAS1149FN416P		1	WASHER		16
105	MS21042L04		1	NUT		8
- 110	9332701-601		1	BRACKET ASSY, MODULE		1
115	8042440A21		2	HANDLE (V04073) ATTACHING PARTS		1
120	NAS514P440-4P		2	SCREW ----- * -----		2
125	9331706-501		2	BRACKET, CONNECTOR ATTACHING PARTS		1
130	NAS514P832-6		2	SCREW ----- * -----		2
135	9331703-5		2	ANGLE, SUPPORT ATTACHING PARTS		1
140	MS20426AD3-4		2	RIVET ----- * -----		4
145	9331703-3		2	PANEL, BASE ATTACHING PARTS		1
150	MS20426AD3-4		2	RIVET ----- * -----		3
155	9331710-1		2	ART, WORK (BONDED)		1
160	9331703-1		2	PANEL, FACE		1

- ITEM NOT ILLUSTRATED



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**9332001**



IPL Figure 5. G1 Galley Plumbing Installation  
(Sheet 1 of 2)

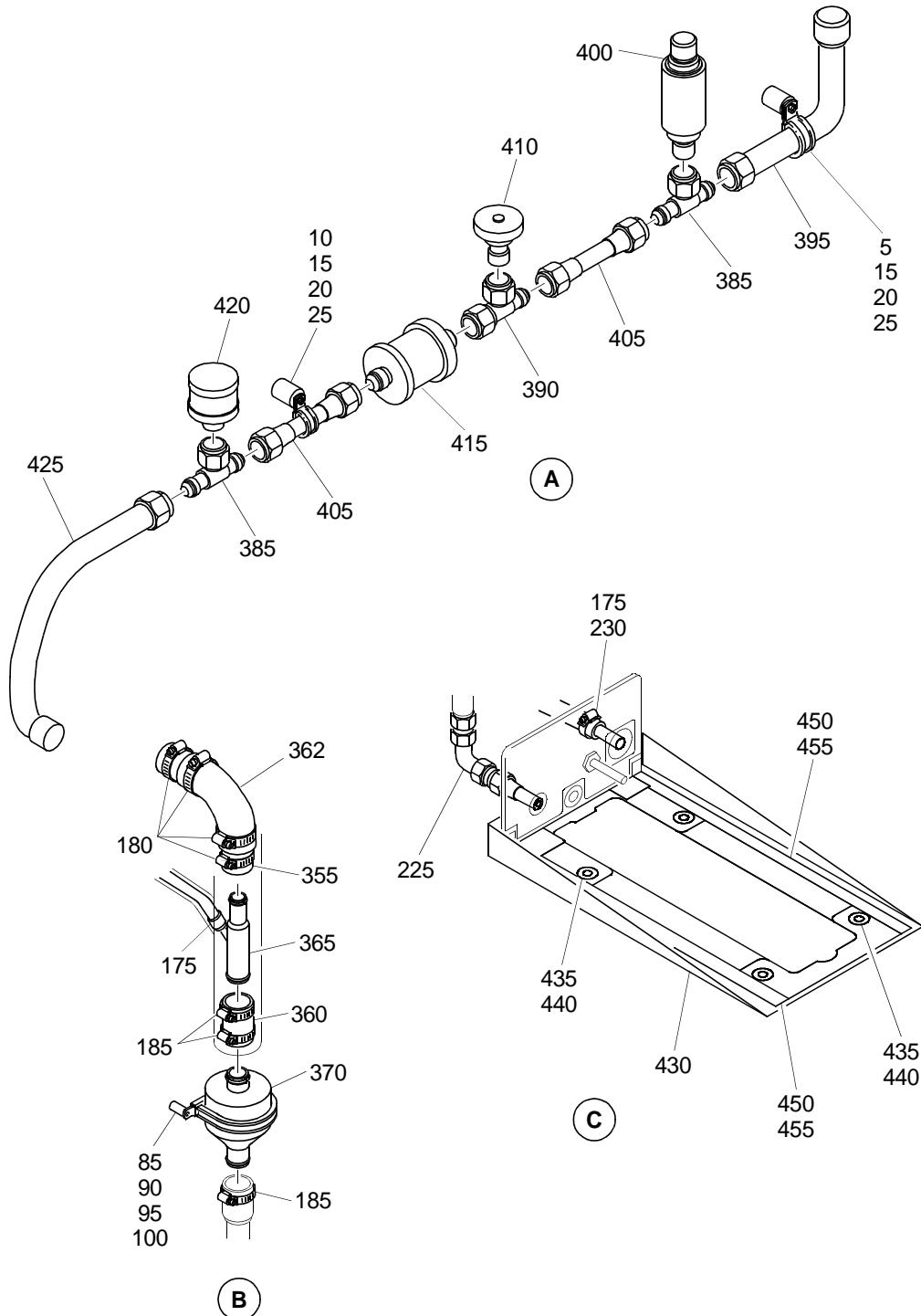
**25-32-98**

Page 10066  
Apr 01/01



**COMPONENT MAINTENANCE MANUAL**

9332001



IPL Figure 5. G1 Galley Plumbing Installation  
(Sheet 2)


**COMPONENT MAINTENANCE MANUAL**  
**9332001**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	INDENT	NOMENCLATURE	EFF CODE	UNITS PER ASSY
5			0	PLUMBING INSTL, G1 GALLEY (SEE FIG. 2 FOR NHA)		RF
	- 1	9332006-503				
	5	MS21919WCG12	1	CLAMP, LOOP		1
	10	MS21919WCG6	1	CLAMP, LOOP ATTACHING PARTS		4
R	15	NAS603-14	1	DELETED		D
R	- 15A	NAS603-14P	1	SCREW		5
	20	NAS1149F0332P	1	WASHER		5
			---	---		
R	25	CD1312-3	1	DELETED		D
R	- 25A	CDSP5503-050	1	STAND OFF, CLAMP		5
	35	MS21919WCG9	1	CLAMP, LOOP		1
	40	MS21919WCG12	1	CLAMP, LOOP ATTACHING PARTS		1
R	45	NAS603-30	1	DELETED		D
R	- 45A	NAS603-30P	1	SCREW		2
	50	NAS1149F0332P	1	WASHER		2
			---	---		
R	55	CD1312-11	1	DELETED		D
R	- 55A	CDSP5503-150	1	STAND OFF, CLAMP		2
	60	MS21919WCG9	1	CLAMP, LOOP ATTACHING PARTS		1
R	65	NAS603-9	1	DELETED		D
R	- 65A	NAS603-9P	1	SCREW		1
	70	NAS1149F0332P	1	WASHER		1
			---	---		
R	75	CD1312-19	1	DELETED		D
R	- 75A	CDSP5503-025	1	STAND OFF, CLAMP		1
	80	MS21919WCG14	1	CLAMP, LOOP		1
	85	MS21919WCG45	1	CLAMP, LOOP ATTACHING PARTS		1
R	90	NAS603-22	1	DELETED		D
R	- 90A	NAS603-22P	1	SCREW		2

- ITEM NOT ILLUSTRATED



**COMPONENT MAINTENANCE MANUAL**  
**9332001**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	INDENT	NOMENCLATURE	EFF CODE	UNITS PER ASSY
5			1	WASHER ----- * -----		2
R 95	NAS1149F0332P		1	DELETED	D	
R 100	CD1312-7		1	STAND OFF, CLAMP	2	
R -100A	CDSP5503-100		1	CLAMP, LOOP	1	
R 105	MS21919WCG14		1	CLAMP, LOOP	1	
R 110	MS21919WCG12		1	ATTACHING PARTS		
R 115	NAS603-38		1	DELETED	D	
R -115A	NAS603-38P		1	SCREW	2	
R 120	NAS1149F0322P		1	WASHER ----- * -----	2	
R 125	CD1312-15		1	DELETED	D	
R -125A	CDSP5503-200		1	STAND OFF, CLAMP	2	
R 135	MS21919WCG12		1	CLAMP, LOOP	1	
R 140	NAS603-18		1	ATTACHING PARTS		
R -140A	NAS603-18P		1	DELETED	D	
R 145	NAS1149F0332P		1	SCREW	1	
R 150	CD1312-5		1	WASHER ----- * -----	1	
R -150A	CDSP5503-075		1	DELETED	D	
R 155	MS21919WCG12		1	STAND OFF, CLAMP	1	
R 160	NAS603-7		1	CLAMP, LOOP	2	
R -160A	NAS603-7P		1	ATTACHING PARTS		
R 165	NAS1149F0332P		1	DELETED	D	
R 170	14C02-08A		1	SCREW	2	
R 175	5321K17		1	WASHER ----- * -----	2	
R 180	5416K14		1	CLAMP, SHELL (V24984)	1	
R 185	5416K15		1	CLAMP, HOSE (V3A054)	2	
R 190	MS3367-1-9		1	CLAMP, HOSE (V3A054)	4	
R 195	9333006-31		1	CLAMP, HOSE (V3A054)	3	
R			1	STRAP, TIE DOWN	4	
R			1	HOSE INSULATION, FOAM	1	

- ITEM NOT ILLUSTRATED


**COMPONENT MAINTENANCE MANUAL**  
**9332001**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	INDENT	NOMENCLATURE	EFF CODE	UNITS PER ASSY
5						
200	MS3367-7-9		1	STRAP, TIE DOWN		3
205	9333006-35		1	HOSE INSULATION, FOAM		1
210	MS3367-2-9		1	STRAP, TIE DOWN		2
215	9333006-33		1	HOSE INSULATION, FOAM		1
225	SS600-2-6ST		1	ELBOW, MALE (V11704)		1
230	SS8TA1-8ST		1	ADAPTER, MALE (V11704)		1
235	FC06TS3232S6-20		1	HOSE ASSY (V1QYE6)		1
240	6U316		1	UNION, TUBE (V1QYE6)		1
245	6CM4-316		1	CONNECTOR, MALE (V1QYE6)		2
250	9332141-3		1	TUBE		1
R	255	NAS603-7	1	DELETED	D	
R	-255A	NAS603-7P	1	SCREW		2
	260	NAS1149F0332P	1	WASHER		2
	265	95606A260	1	WASHER, NYLON (V3A054)		1
	270	5631040-1	1	BEZEL, SHUT-OFF VALVE		1
	275	5511044-3	1	BRACKET, SHUT-OFF VALVE		1
	285	SS43S6	1	VALVE, SHUT-OFF (V0ZLA5)		1
	290	9331141-1	1	TUBE		1
	295	SS601PC	1	CONNECTOR, PORT (V0ZLA5)		1
	300	SS600-9	1	ELBOW, UNION (V0ZLA5)		1
	305	SS6TA1-8AN	1	ADAPTER (V0ZLA5)		1
	310	NAS1764J080808	1	TEE		1
	315	79245-08-0120	1	HOSE ASSY (V24984)		1
	320	AS4137J0808	1	ELBOW, SWIVEL FLARELESS		1
	325	79002-08-0080	1	HOSE ASSY (V24984)		1
	330	79252H0460-000	1	HOSE ASSY (V24984)		1
	340	9332006-9	1	TUBE, DRAIN (MFD PN 5553K19)		1
	350	9332006-5	1	TUBE, DRAIN (MFD PN 5238K658)		1
	355	9332006-3	1	TUBE, DRAIN (MFD PN 5157K47)		1
	360	9332006-1	1	TUBE, DRAIN (MFD PN 5238K678)		1

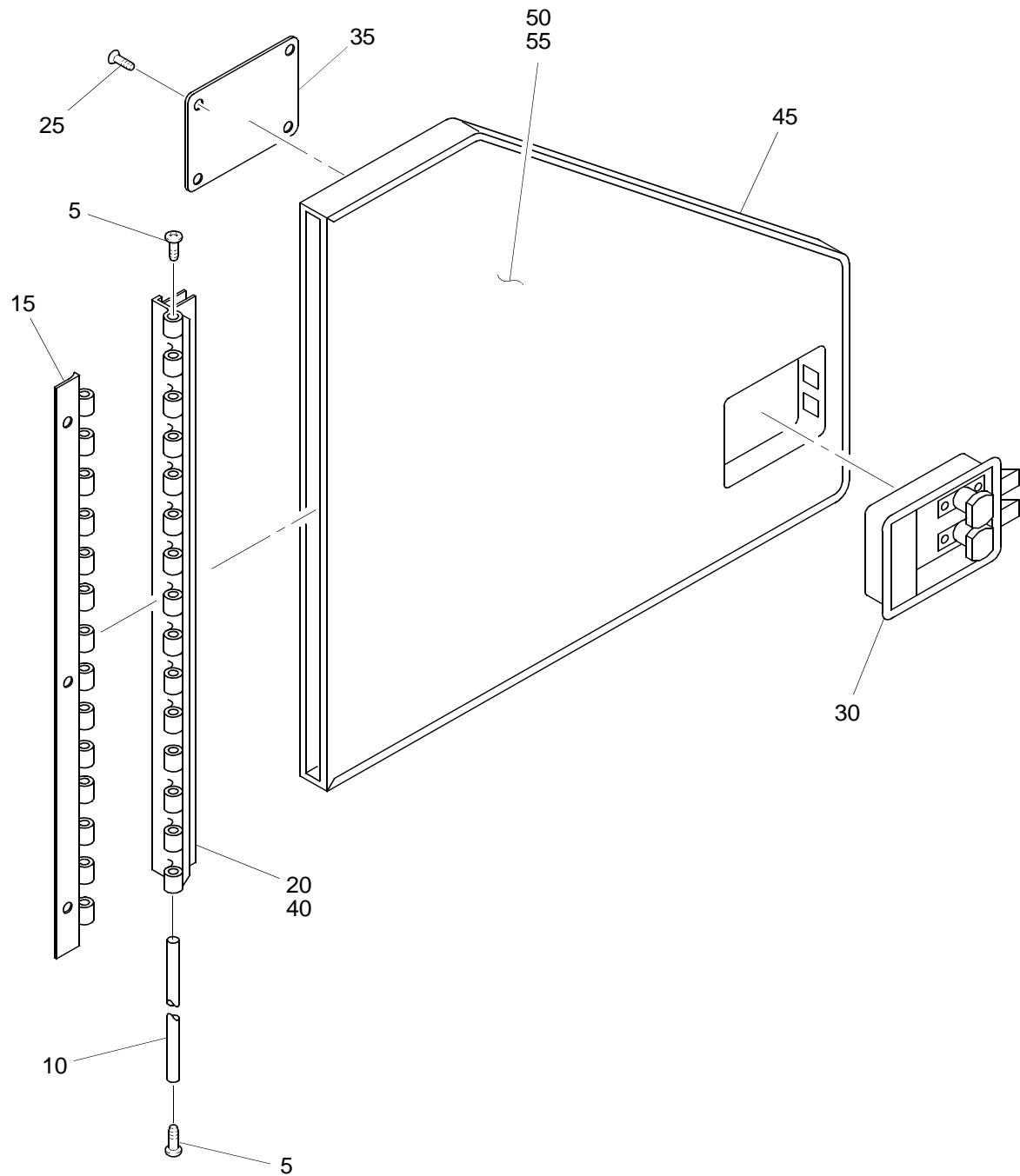
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**COMPONENT MAINTENANCE MANUAL**  
**9332001**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	INDENT	NOMENCLATURE	EFF CODE	UNITS PER ASSY
R 5			1	SUPPORT, HOSE		2
R 362	9331107-1		1	MANIFOLD		1
R 365	9331144-501		1	VALVE, DRAIN		1
R 370	CD1398-503		1	HOSE, HEATED (V24984)		1
R 375	79368-11		1	TEE (V30974)		2
R 385	AFP2778J06		1	TEE (V30974)		1
R 390	AFP2777J06		1	HOSE ASSY (V24984)		1
R 395	79240-022		1	TRANSDUCER, PRESSURE (V88308)		1
R 400	2E1976-1		1	TUBE		2
R 405	9331141-501		1	VALVE, VENT (V88308)		1
R 410	4E3261-1		1	VALVE, CHECK (V88308)		1
R 415	4E3262-1		1	VALVE, PRESSURE RELIEF (V88308)		1
R 420	4E3263-1		1	HOSE ASSY (V24984)		1
R 425	79245-06-0130		1	RAIL ASSY, COFFEE MAKER (V63367)		1
R 430	62-0101-127			ATTACHING PARTS		
R 435	AN4-10A		1	DELETED		D
R -435A	AN4-7A		1	BOLT		4
R 440	AN960C416L		1	DELETED		D
R -440A	NAS1149C0432R		1	WASHER		4
				----- * -----		
R -445	9332115-501		1	RUBSTRIP ASSY		2
R 450	9332115-11		2	TAPE, DOUBLE SIDED		1
R 455	9332115-9		2	RUBSTRIP		1
R 460	S1B		1	FILTER, WATER (V08576)		1
R 465	375W		1	BRACKET, WATER FILTER MOUNTING (V08576)		1
R				ATTACHING PARTS		
R 470	NAS603-7		1	DELETED		D
R -470A	NAS603-7P		1	SCREW		4
R 475	NAS1149F0332P		1	WASHER		4
				----- * -----		

- ITEM NOT ILLUSTRATED

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**9332001**



IPL Figure 6. Door Assembly

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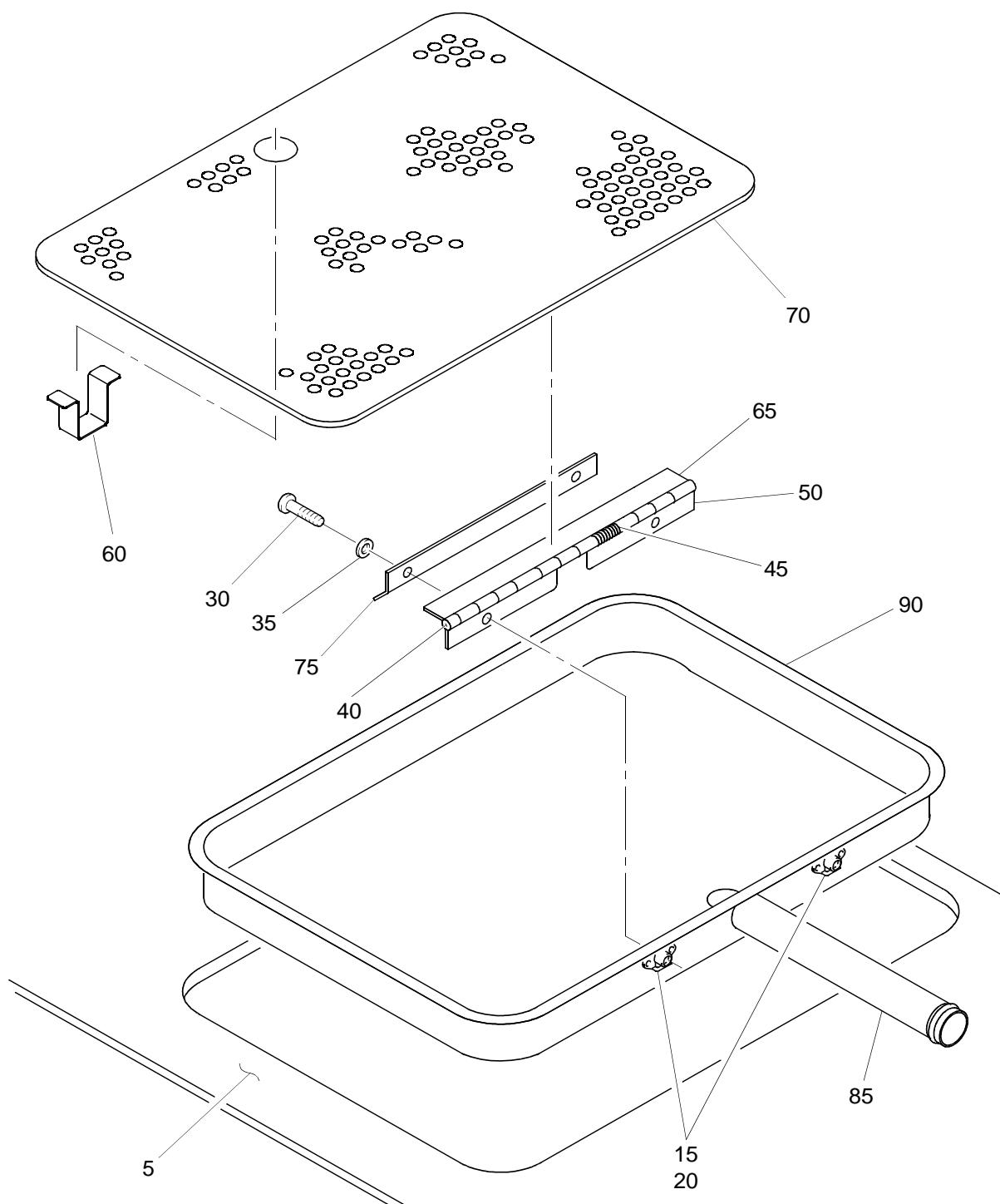
Page 10072  
Apr 01/01


**COMPONENT MAINTENANCE MANUAL**  
**9332001**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	INDENT	NOMENCLATURE	EFF CODE	UNITS PER ASSY
6			0	DOOR ASSY (SEE FIG. 2 FOR NHA)		RF
– 1	9332174-501		1	SCREW, DRIVE		2
5	MS21318-15		1	PIN, HINGE		1
10	MS20253P2-650		1	HINGE, HALF (MF PN MS20001X3-700)		1
15	9332174-9		1	STOP, DOOR		1
20	CDSP5601-45		1	SCREW		2
25	NAS514P832-4		1	LATCH, DOUBLE SLIDE		1
30	CDSP1004-3		1	BACK PLATE, LATCH		1
35	CDSP5002		1	HINGE, TRIM (MFD PN CDEX0102-1170-023)		1
40	9332174-7		1	TRIM (MFD PN CDEX0001)		1
45	9332174-3		1	DECOR (BONDED)		AR
50	9332174-5		1	PANEL		1
55	9332174-1					

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IPL Figure 7. Work Counter Assembly

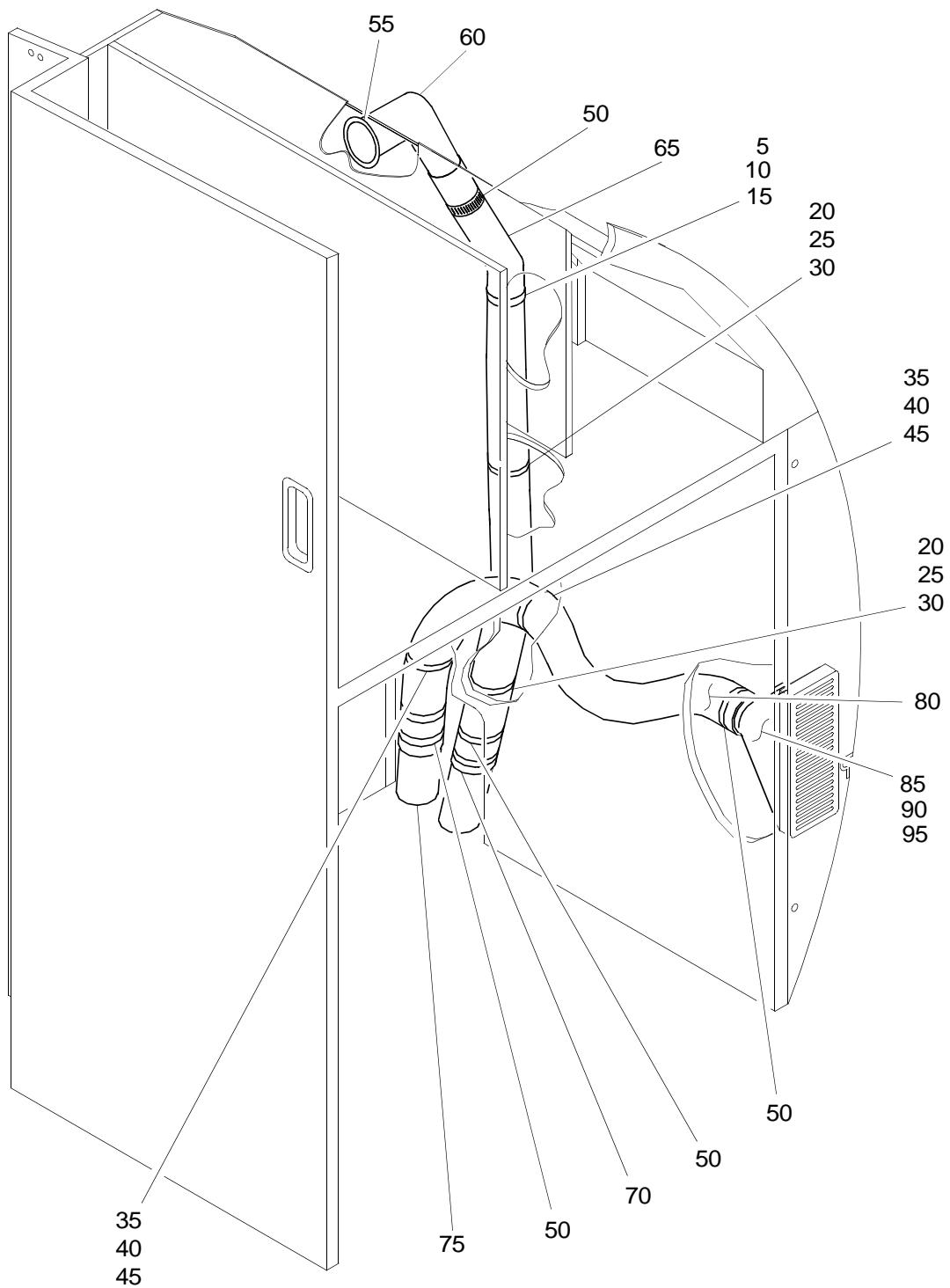
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Page 10074  
Apr 01/01


**COMPONENT MAINTENANCE MANUAL**  
**9332001**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	INDENT	NOMENCLATURE	EFF CODE	UNITS PER ASSY
7						
– 1	9332167-503		0	COUNTER ASSY, WORK (USE ON A/C 10012 THRU 10015) (SEE FIG. 2 FOR NHA)	A	RF
– 1A	9332167-505		0	COUNTER ASSY, WORK (USE ON A/C 10027) (SEE FIG. 2 FOR NHA)	B	RF
5	9332167-1		1	COUNTER TOP		1
– 10	9332083-501		1	SINK ASSY	A	1
– 10A	9332083-503		1	SINK ASSY	B	1
15	NAS1474C06		2	NUTPLATE ATTACHING PARTS		2
20	MS20427M3-3		2	RIVET --- * ---		4
– 25	9332083-601		2	SCREEN ASSY	A	1
– 25A	9332083-605		2	SCREEN ASSY ATTACHING PARTS	B	1
30	MS51957-27		2	SCREW		2
35	NAS1149CN632R		2	WASHER --- * ---		2
40	9332083-13		3	PIN		1
45	458-4-2693		3	SPRING, CRES		1
50	9332083-9		3	HINGE, HALF		1
– 55	9332083-701		3	HINGE ASSY	A	1
– 55A	9332083-703		3	HINGE ASSY	B	1
60	9332083-5		4	BRACKET	A	1
– 60A	9332083-15		4	BRACKET	B	1
65	9332083-11		4	HINGE, HALF		1
70	9332083-3		4	SCREEN		1
75	9332083-7		2	SCREEN		1
– 80	9332083-603		2	SINK ASSY	A	1
– 80A	9332083-607		2	SINK ASSY	B	1
85	9331160-19		3	TUBE		1
90	9332083-1		3	SINK	A	1
– 90A	9332083-17		3	SINK	B	1

- ITEM NOT ILLUSTRATED



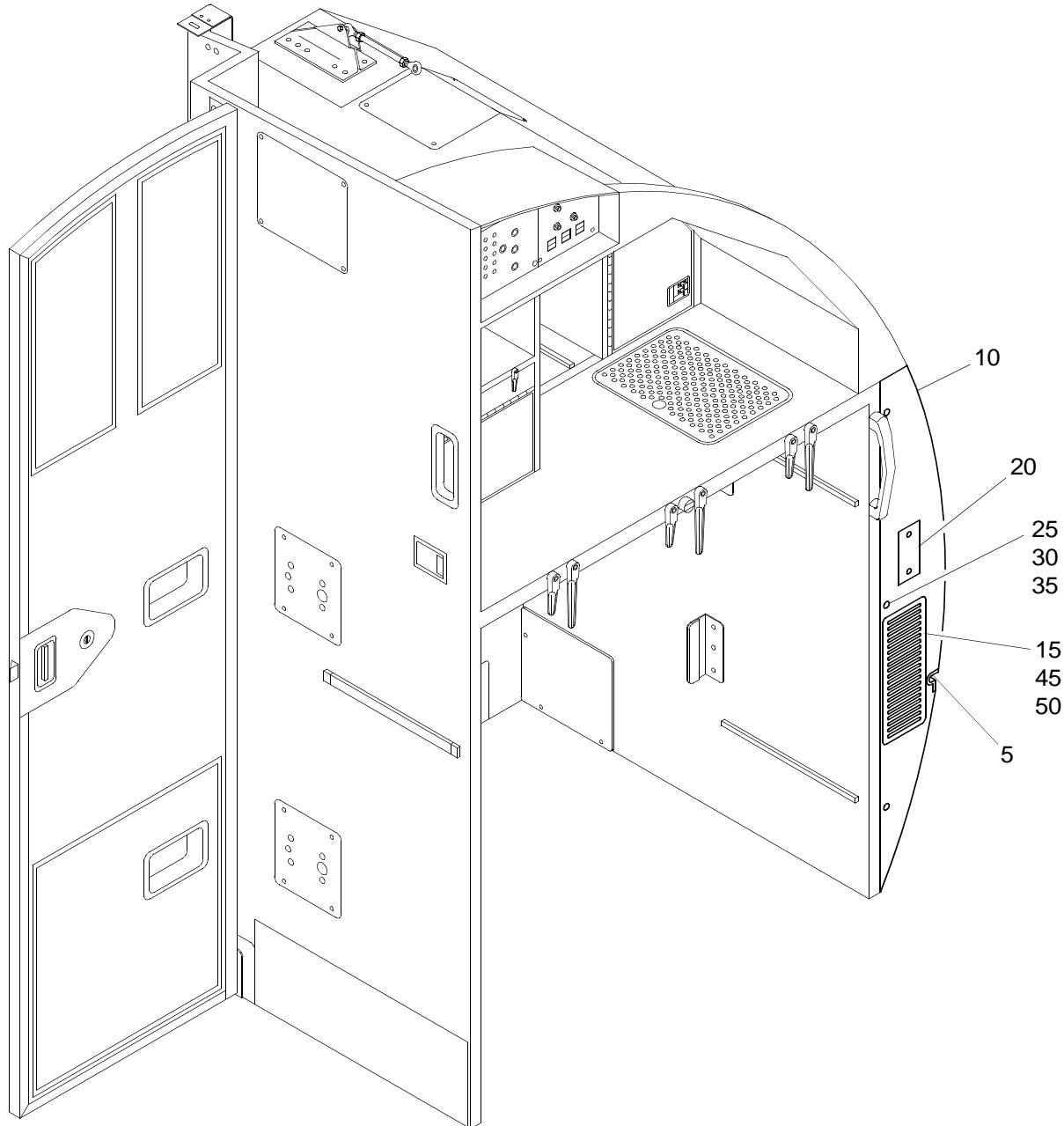
IPL Figure 8. G1 Galley Air Duct Assembly


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FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	INDENT	NOMENCLATURE	EFF CODE	UNITS PER ASSY
8			0	AIR DUCT ASSY, G1 GALLEY (SEE FIG. 2 FOR NHA)		RF
– 1	9332171-503		1	CLAMP, HOSE ATTACHING PARTS		1
5	MS21919WDG37		1	SCREW		1
10	NAS603-18		1	SPACER, CLAMP		1
15	CDSP5503-75		1	----- * -----		
20	MS21919WDG37		1	CLAMP, HOSE ATTACHING PARTS		2
25	NAS603-36		1	SCREW		2
30	CDSP5503-185		1	SPACER, CLAMP		2
35	MS21919WDG42		1	----- * -----		
40	NAS603-12		1	CLAMP		2
45	CDSP5503-35		1	ATTACHING PARTS		
50	NAS1922-0225-3		1	SCREW		2
55	9331171-1		1	SPACER, CLAMP		2
60	9331160-11		1	----- * -----		
65	BE725-8-200-5		1	CLAMP, HOSE		6
70	9331160-11		1	LOUVER		1
75	9331160-15		1	TUBE		1
80	BE725-9-180-5		1	HOSE, AIR EXHAUST (V05399)		1
85	NAS602-7		1	TUBE		1
90	9331119-5		1	HOSE, AIR SUPPLY (V05399)		1
95	9331119-7		1	SCREW		4
			1	GASKET, AIR		1
			1	TUBE		1

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IPL Figure 9. Outboard Access Panel Assembly

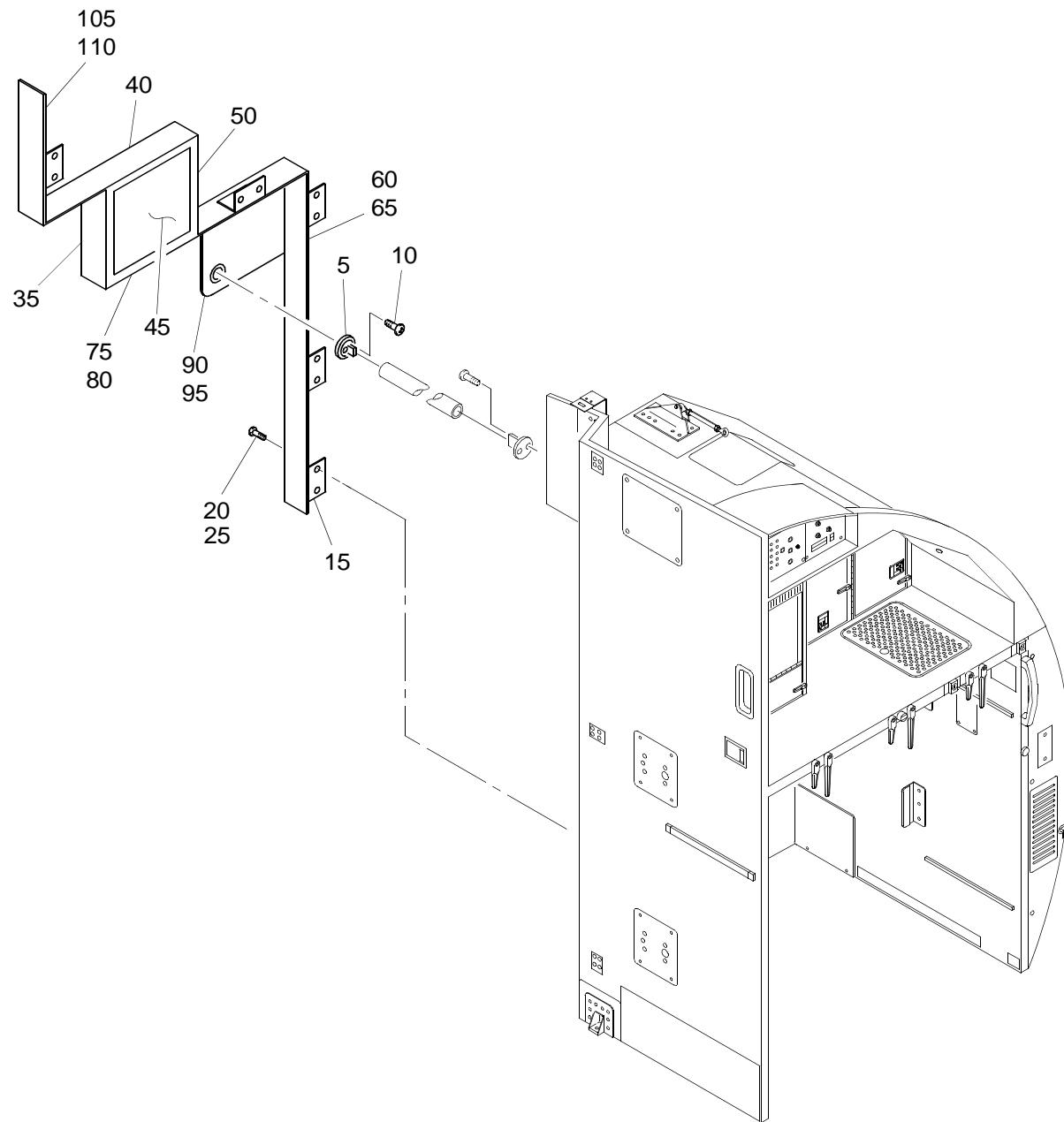
**25-32-98**

Page 10078  
Apr 01/01


**COMPONENT MAINTENANCE MANUAL**  
**9332001**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	INDENT	NOMENCLATURE	EFF CODE	UNITS PER ASSY
9			0	PANEL ASSY, OUTBOARD ACCESS (SEE FIG. 2 FOR NHA)		RF
– 1	9331182-501		1	SEAL, FOAM		AR
5	CDDS045-3		1	DECOR, (BONDED)		AR
10	9331182-3		1	GRILL, AIR (BONDED)		1
15	9331119-1		1	BRACKET ASSY, FLOOD LIGHT (BONDED)		1
20	9393451-501		1	STUD		4
25	AJ4-65		1	GROMMET, HALF (V03087)		4
30	GP4B		1	SPACER		4
35	NAS43DD4-24		1	PANEL ASSY		1
– 40	9331182-601		2	INSERT, BLIND (V56958)		4
45	TYE2161-08-09		2	PANEL		1
50	9331182-1					

- ITEM NOT ILLUSTRATED



IPL Figure 10. Coat Room Assembly

**25-32-98**

Page 10080  
Apr 01/01


**COMPONENT MAINTENANCE MANUAL**  
**9332001**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	INDENT	NOMENCLATURE	EFF CODE	UNITS PER ASSY
10			0	COAT ROOM ASSY (SEE FIG. 1 FOR NHA)		RF
– 1	9331184-501		1	FITTING ASSY, COAT ROD ATTACHING PARTS		1
5	CDSP3802-501		1	SCREW		2
10	NAS514P832-6		1	--- * ---		
15	9331184-13		1	ANGLE (MFD PN CD1003) ATTACHING PARTS		5
20	NAS603-6P		1	SCREW		10
25	NAS1149F0332P		1	WASHER		10
– 30	9331184-601		1	--- * ---		
35	9331184-9		1	STRUCTURE, COAT ROOM (BONDED)		1
40	9331184-11		2	PANEL (MFD PN CDM099-32)		1
45	9331184-17		2	PANEL (MFD PN CDM099-32)		1
50	9331184-19		2	PANEL (MFD PN CDM099-32)		1
– 55	9331184-701		2	PANEL ASSY		1
60	CDSP5905-3-13		3	INSERT, BLIND		6
65	9331184-1		3	PANEL (MFD PN CDM099-32)		1
– 70	9331184-703		2	PANEL ASSY		1
75	CDSP5905-3-13		3	INSERT, BLIND		2
80	9331184-3		3	PANEL (MFD PN CDM099-32)		1
– 85	9331184-705		2	PANEL ASSY		1
90	CDSP5905-08-13		3	INSERT, BLIND		2
95	9331184-5		3	PANEL (MFD PN CDM099-32)		1

- ITEM NOT ILLUSTRATED



**COMPONENT MAINTENANCE MANUAL**  
**9332001**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	INDENT	NOMENCLATURE	EFF CODE	UNITS PER ASSY
10			2	PANEL ASSY		1
- 100	9331184-707		3	INSERT, BLIND		2
105	CDSP5905-3-13		3	PANEL (MFD PN CDM099-32)		1
110	9331184-7					

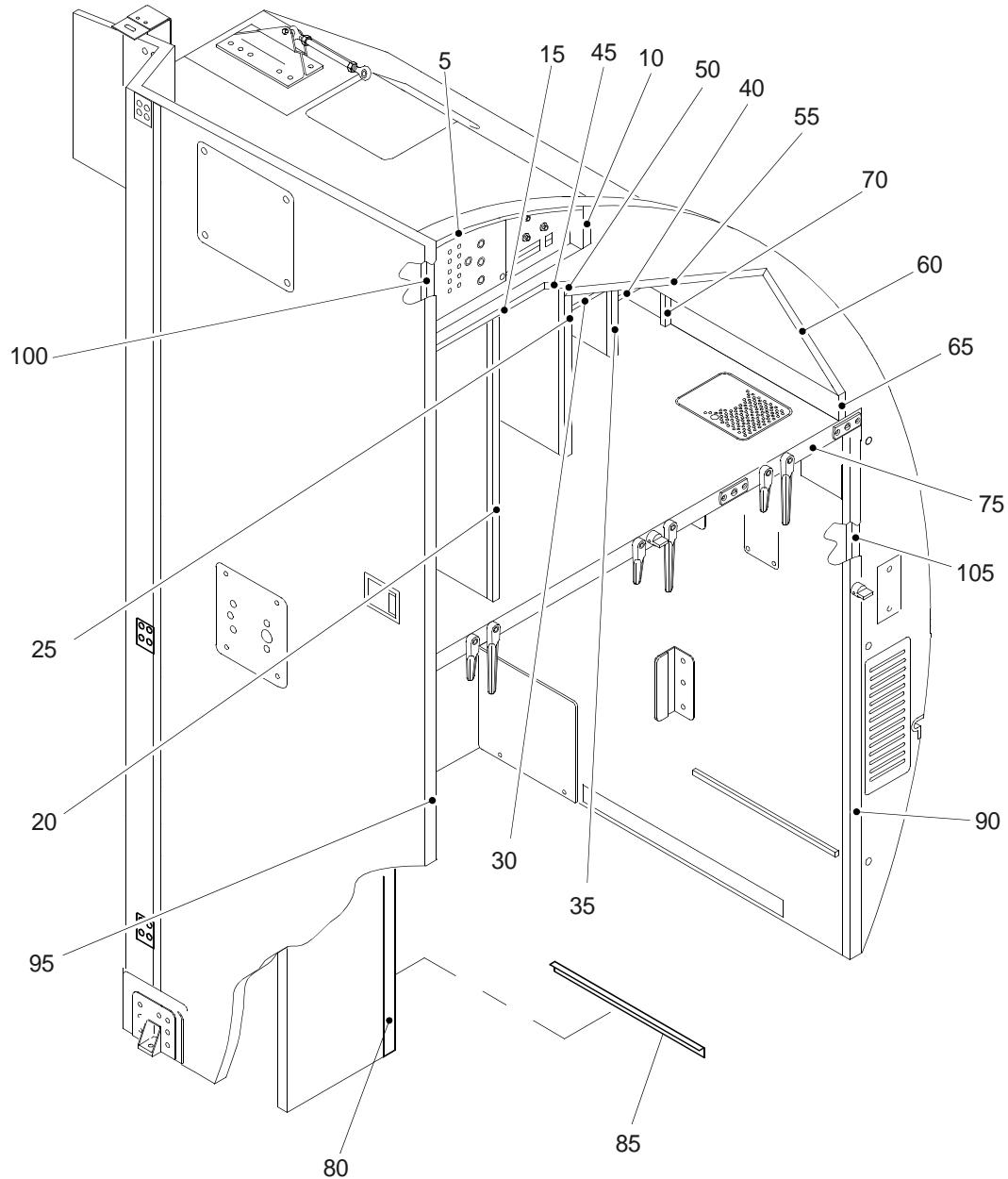
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IPL Figure 11. Trim Installation

**25-32-98**

Page 10084  
Jun 01/04


**COMPONENT MAINTENANCE MANUAL**  
**9332001**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	INDENT	NOMENCLATURE	EFF CODE	UNITS PER ASSY
R 11			0	TRIM INSTL (SEE FIG. 2 FOR NHA)	A	RF
R - 1	9332009-503		0	TRIM INSTL (SEE FIG. 2 FOR NHA)	B	RF
R - 1A	9332009-505		0	TRIM INSTL (SEE FIG. 2 FOR NHA)		
5	9332009-37		1	TRIM (MFD PN CDEX0043)		1
10	9332009-7		1	TRIM (MFD PN CD2011-5)		1
15	9332009-5		1	TRIM (MFD PN CD2011-5)		1
20	9332009-3		1	TRIM (MFD PN CD2011-5)		1
25	9332009-11		1	TRIM (MFD PN CD2011-5)		1
30	9332009-15		1	TRIM (MFD PN CD2011-5)		1
35	9332009-13		1	TRIM (MFD PN CD2011-5)		1
40	9332009-17		1	TRIM (MFD PN CD2011-5)		1
45	9332009-19		1	TRIM (MFD PN CDEX0043)		1
50	9332009-21		1	TRIM (MFD PN CDEX0043)		1
55	9332009-9		1	TRIM (MFD PN CDEX0043)		1
60	9332009-23		1	TRIM (MFD PN CDEX0043)		1
65	9332009-25		1	TRIM (MFD PN CDEX0043)		1
70	9332009-35		1	TRIM (MFD PN CD2011-3)		1
R 75	9332009-39		1	DELETED	D	
R - 75A	9334009-31		1	TRIM, DECK, WORK		1
R 80	9332009-27		1	DELETED	D	
R - 80A	9331009-27		1	TRIM, VERTICAL		1

- ITEM NOT ILLUSTRATED



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**9332001**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	INDENT	NOMENCLATURE	EFF CODE	UNITS PER ASSY
11						
R 85	9332009-29		1	TRIM (MFD PN CDEX0043)		1
R 90	9332009-33		1	DELETED		D
R - 90A	9331009-19		1	TRIM, CART, OUTBD		1
R 95	9332009-1		1	TRIM (MFD PN CD1422-3)	A	1
R - 95A	9332009-39		1	TRIM (MFD PN CD1422-3)	B	1
R 100	4602308-501		1	BRACKET, HANDLE, ASSIST	B	2
R 105	4602308-501		1	BRACKET, HANDLE, ASSIST		2

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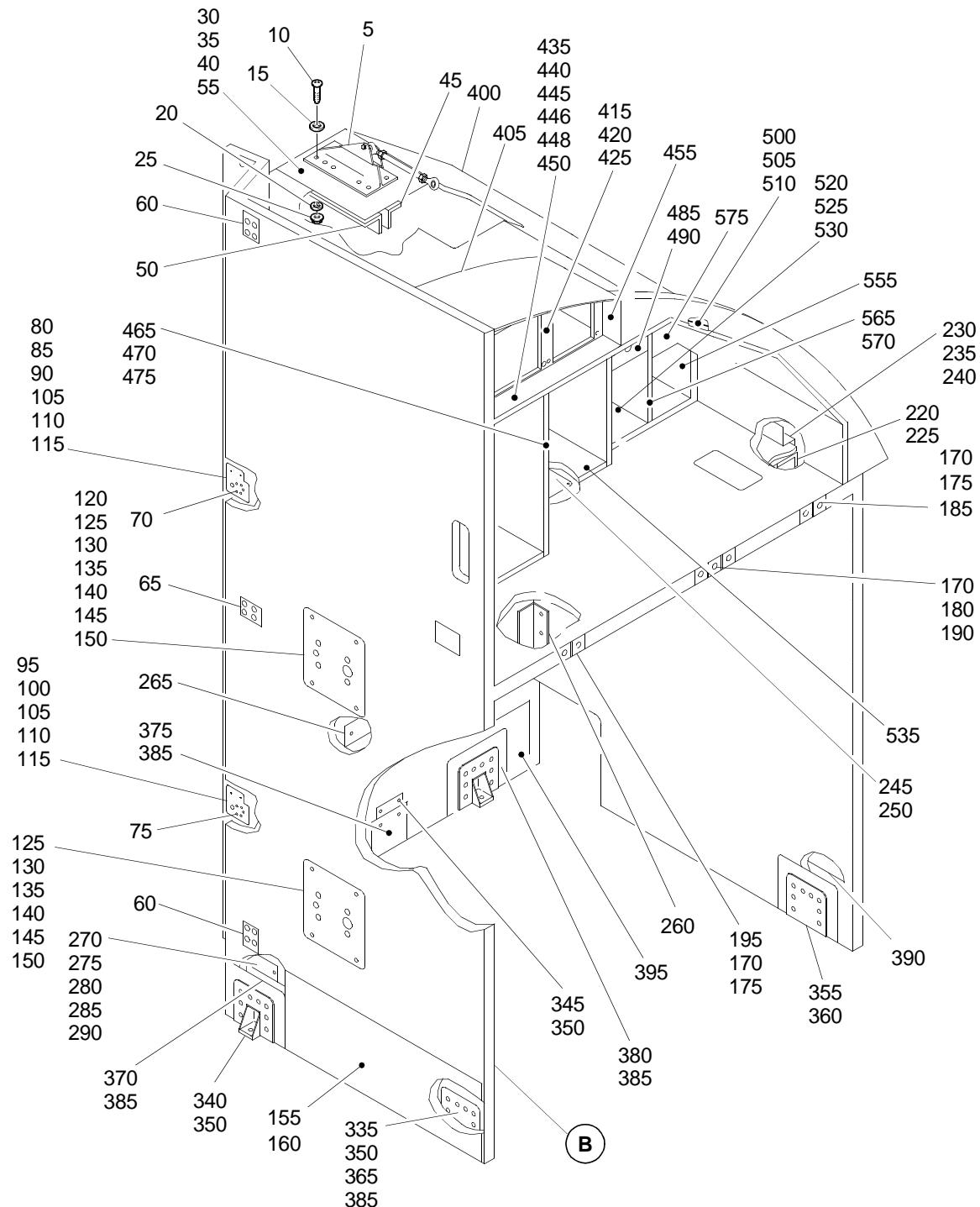
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**9332001**

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**25-32-98**

Page 10087  
Apr 01/01

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**9332001**

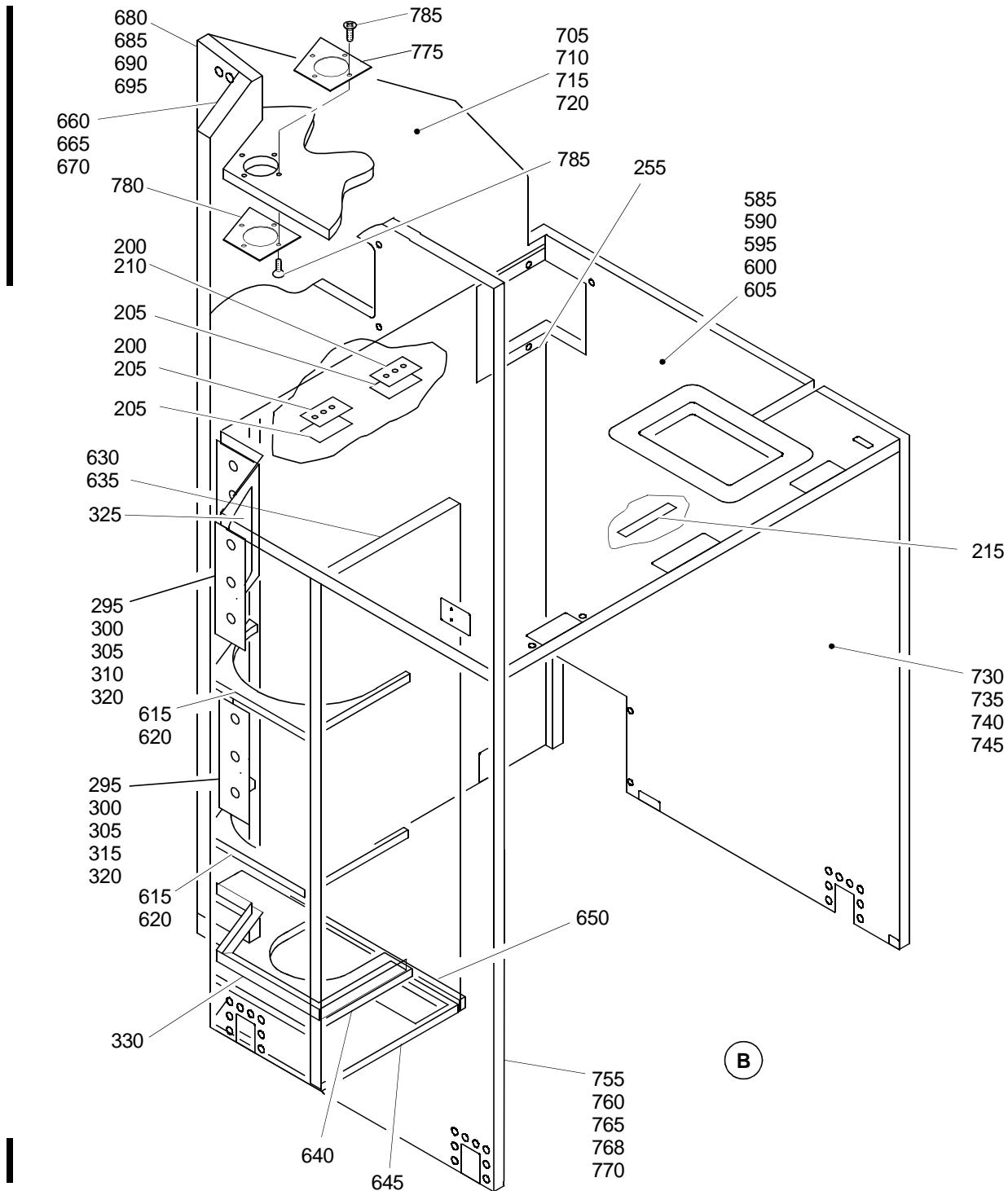


IPL Figure 12. Bonded Structure Assembly  
(Sheet 1 of 2)

**25-32-98**

Page 10088  
Jun 01/04

**COMPONENT MAINTENANCE MANUAL**  
**9332001**



IPL Figure 12. Bonded Structure Assembly  
(Sheet 2)


**COMPONENT MAINTENANCE MANUAL**  
**9332001**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	INDENT	NOMENCLATURE	EFF CODE	UNITS PER ASSY
12						
- 1	9332004-503		0	STRUCTURE ASSY (BONDED) (SEE FIG. 2 FOR NHA)		RF
5	9331092-503		1	BRACKET ASSY, UPPER ATTACH ATTACHING PARTS		1
10	NAS517-3-14		1	SCREW		10
15	CDSP5801-3AL		1	WASHER		10
20	NAS1149F0332P		1	WASHER		10
25	MS21042L3		1	NUT		10
				----- * -----		
30	NAS517-3-00		1	SCREW		19
35	CDSP5801-3AL		1	WASHER		19
40	9332072-1		1	DOUBLER, UPPER ATTACH		1
45	9332072-3		1	DOUBLER, UPPER ATTACH		1
50	9332072-11		1	DOUBLER, UPPER ATTACH		1
55	9332072-9		1	DOUBLER, TOP PANEL		1
60	9397258-1		1	DOUBLER, COCKPIT DOOR HINGE		2
65	9397258-3		1	DOUBLER, FWD SUPPORT COCKPIT DOOR		1
70	9331073-9		1	DOUBLER, INSIDE OBSERVER SEAT UPPER		1
75	9331073-5		1	DOUBLER, INSIDE OBSERVER SEAT LOWER		1
80	9331074-505		1	BRACKET, UPPER OBSERVER SEAT FITTING ATTACHING PARTS		1
85	NAS603-6P		1	SCREW		6
90	NAS1149F0332P		1	WASHER		6
				----- * -----		
95	9331074-507		1	BRACKET, LOWER OBSERVER SEAT FITTING ATTACHING PARTS		1
100	NAS603-6P		1	SCREW		5
105	NAS1149F0332P		1	WASHER		5
				----- * -----		

- ITEM NOT ILLUSTRATED


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**9332001**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	INDENT	NOMENCLATURE	EFF CODE	UNITS PER ASSY
12						
110	9331073-15		1	DOUBLER, OUTSIDE OBSERVER SEAT FITTING ATTACHING PARTS		2
115	NAS514P1032-7		1	SCREW ----- * -----		4
120	9331074-501		1	BRACKET ASSY, UPPER ATTENDANT SEAT FITTING		1
125	9331074-503		1	BRACKET ASSY, LOWER ATTENDANT SEAT FITTING ATTACHING PARTS		1
130	NAS603-6P		1	SCREW		4
135	NAS514P1032-7		1	SCREW		4
140	NAS1149F0332P		1	WASHER ----- * -----		4
145	9331073-13		1	DOUBLER, OUTSIDE ATTENDANT SEAT FITTING ATTACHING PARTS		2
150	NAS514P1032-7		1	SCREW ----- * -----		8
155	9331071-7		1	KICK STRIP ATTACHING PARTS		1
160	NAS517-3-00		1	SCREW ----- * -----		8
170	NAS514P1032-7		1	SCREW		18
175	4602326-1		1	BLOCK, CART RETAINER		2
180	4602326-3		1	BLOCK, CART RETAINER		1
185	9331073-1		1	DOUBLER, CART RETAINER		1
190	9331073-3		1	DOUBLER, CART RETAINER		1
195	9332072-5		1	DOUBLER, CART RETAINER		1
200	NAS514P1032-7		1	SCREW		5
205	9331073-39		1	DOUBLER, CART STOP		3
210	9331073-45		1	DOUBLER, CART STOP		1
215	9332072-29		1	DOUBLER, OVEN TIE DOWN		1

- ITEM NOT ILLUSTRATED


**COMPONENT MAINTENANCE MANUAL**  
**9332001**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	INDENT	NOMENCLATURE	EFF CODE	UNITS PER ASSY
12						
220	9332109-501		1	ANGLE, CORNER ATTACHING PARTS		1
225	NAS514P1032-7		1	SCREW --- * ---		6
230	9332072-13		1	DOUBLER, OUTBOARD CORNER ATTACHING PARTS		1
235	NAS603-6P		1	SCREW		9
240	NAS1149F0332P		1	WASHER --- * ---		9
245	4602345-1		1	MOUNTING BLOCK, INTERMEDIATE CART RETAINER ATTACHING PARTS		2
250	NAS514P1032-7		1	SCREW --- * ---		8
255	9331073-43		1	DOUBLER, CUTOUT PRESSURE LINE ACCESS		1
260	9331073-41		1	DOUBLER, CART STOP OUTBD		1
265	9331073-25		1	DOUBLER, CART STOP		1
270	9331099-1		1	ANGLE, SUPPORT		1
275	9331099-3		1	ANGLE, SUPPORT		1
280	9331099-5		1	ANGLE, SUPPORT ATTACHING PARTS		1
285	NAS603-6P		1	SCREW		12
290	NAS1149F0332P		1	WASHER --- * ---		12
295	9333073-5		1	DOUBLER, INSIDE ATTACHING PARTS		2
300	NAS603-6P		1	SCREW		32
305	NAS1149F0332P		1	WASHER --- * ---		32

- ITEM NOT ILLUSTRATED


**COMPONENT MAINTENANCE MANUAL**  
**9332001**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	INDENT	NOMENCLATURE	EFF CODE	UNITS PER ASSY
12						
310	9333073-3		1	DOUBLER, UPPER OUTSIDE		1
315	9333073-1		1	DOUBLER, LOWER OUTSIDE		1
				ATTACHING PARTS		
320	NAS514P1032-7		1	SCREW	30	
				----- * -----		
325	9333073-7		1	SCREEN		2
330	9331073-47		1	DOUBLER, SPACER		1
335	CDSP2019-7C620		1	BRACKET, FLOOR FITTING		2
340	9331091-1		1	BRACKET, FLOOR FITTING		1
345	CDSP2019-7C760		1	BRACKET, FLOOR FITTING		1
				ATTACHING PARTS		
350	NAS517-3-1		1	SCREW	32	
				----- * -----		
355	9331091-3		1	BRACKET, FLOOR FITTING		1
				ATTACHING PARTS		
360	NAS517-3-1		1	SCREW	16	
				----- * -----		
365	9331071-3		1	DOUBLER, FLOOR FITTING		1
370	9331071-9		1	DOUBLER, FLOOR FITTING		1
375	9331071-11		1	DOUBLER, FLOOR FITTING		1
380	9331071-5		1	DOUBLER, FLOOR FITTING		1
				ATTACHING PARTS		
385	NAS517-3-00		1	SCREW	24	
				----- * -----		
390	9331071-1		1	DOUBLER, FLOOR FITTING		4
395	9331073-7		1	DOUBLER, CUTOUT ACCESS AIR SUPPLY		1
400	9331011-1		1	PANEL, OUTBD TRIM FLANGE (MFD PN CDM089-32)		1
405	9331014-501		1	PANEL, TOP COVER, WATER CONTROLLER (MFD PN CDM031-22)		1
- 410	9331015-501		1	PANEL ASSY, WATER CONTROLLER MOUNTING (MFD PN CDM099-32)		1

- ITEM NOT ILLUSTRATED


**COMPONENT MAINTENANCE MANUAL**  
**9332001**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	INDENT	NOMENCLATURE	EFF CODE	UNITS PER ASSY
12						
415	TYE2334-3-3		2	INSERT, BLIND (V56958)		4
420	TYE2161-08-13		2	INSERT, BLIND (V56958)		4
425	9331015-1		2	PANEL (MFD PN CDM099-32)		1
- 430	9332012-501		1	PANEL ASSY, TOP (MFD PN CDM099-32)		1
R 435	TYE2161-3-13		2	DELETED		D
R -435A	CDSP5905-3-13		2	INSERT, BLIND		7
R 440	TYE2161-08-13		2	DELETED		D
R -440A	CDSP5905-08-13		2	INSERT, BLIND		24
R 445	TYE2003-3-60		2	DELETED		D
R -445A	CDSP5903-3-500		2	INSERT, BLIND		10
R 446	CDSP5906-08-500		2	INSERT		4
R 448	CDIN07-04-13B		2	INSERT, BLIND		2
450	9332012-1		2	PANEL (MFD PN CDM099-32)		1
455	9331016-1		1	PANEL, WATER CONTROLLER (MFD PN CDM099-32)		1
- 460	9332017-501		1	PANEL ASSY, OVEN DIVIDER (MFD PN CDM099-32)		1
R 465	TYE2161-08-13		2	DELETED		D
R -465A	TYE2168-3-500		2	INSERT, BLIND (V56958)		3
470	TYE2161-3-13		2	INSERT, BLIND (V56958)		1
475	9332017-1		2	PANEL (MFD PN CDM099-32)		1
- 480	9332015-501		1	PANEL ASSY, ELECTRICAL OUTLET MOUNTING (MFD PN CDM099-32)		1
485	TYE2161-08-13		2	INSERT, BLIND (V56958)		2
490	9332015-1		2	PANEL (MFD PN CDM099-32)		1
- 495	9332016-501		1	PANEL ASSY, OUTBOARD MISCELLANEOUS COMPARTMENT (MFD PN CDM099-32)		1
500	CDSP5905-3-13		2	INSERT, BLIND		8

- ITEM NOT ILLUSTRATED


**COMPONENT MAINTENANCE MANUAL**  
**9332001**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	INDENT	NOMENCLATURE	EFF CODE	UNITS PER ASSY
12						
505	CDSP5905-08-13		2	INSERT, BLIND		5
510	9332016-1		2	PANEL (MFD PN CDM099-32)		1
- 515	9332024-501		1	PANEL ASSY, SPACER (MFD PN CDM031-22)		1
520	TYE2161-3-6		2	INSERT, BLIND (V56958)		1
525	NAS43DD4-16		2	SLEEVE		4
530	9332024-1		2	PANEL (MFD PN CDM031-22)		1
- 535	9332024-503		1	PANEL ASSY, SPACER (MFD PN CDM031-22)		1
540	TYE2161-3-6		2	INSERT, BLIND (V56958)		1
545	TYE2003-3-250		2	INSERT, BLIND (V56958)		1
550	9332024-3		2	PANEL (MFD PN CDM031-22)		1
555	9332015-5		1	PANEL, MISCELLANEOUS COMPARTMENT (MFD PN CDM105-32)		1
- 560	9332014-501		1	PANEL ASSY, DIVIDER MISCELLANEOUS AND COFFEE MAKER COMPARTMENT (MFD PN CDM099-32)		1
565	TYE2161-3-13		2	INSERT, BLIND (V56958)		4
570	9332014-1		2	PANEL (MFD PN CDM099-32)		1
575	9332015-3		1	PANEL, MISCELLANEOUS COMPARTMENT CLOSEOUT (MFD PN CDM099-32)		1
- 580	9332018-503		1	PANEL ASSY, WORKDECK (MFD PN CDM065-62)		1
585	CDSP5905-3-28		2	INSERT, BLIND		65
590	CDSP5905-4-28		2	INSERT, BLIND		4
595	CDSP5903-4-1000		2	INSERT, BLIND		4
600	CDSP5906-3-1000		2	INSERT, BLIND		6
605	9332018-3		2	PANEL (MFD PN CDM065-62)		1

- ITEM NOT ILLUSTRATED



## COMPONENT MAINTENANCE MANUAL

9332001

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	INDENT	NOMENCLATURE	EFF CODE	UNITS PER ASSY
R	12					
	- 610	9331029-501		1 PANEL ASSY, SIDE SUPPORT WATER TANK (MFD PN CDM099-32)		2
	615	TYE2161-3-13		2 INSERT, BLIND (V56958)		4
	620	9331029-1		2 PANEL (MFD PN CDM099-32)		1
	- 625	9331028-501		1 PANEL ASSY, AFT WATER TANK (MFD PN CDM099-32)		1
	630	TYE2161-3-13		2 INSERT, BLIND (V56958)		10
	635	9331028-1		2 PANEL (MFD PN CDM099-32)		1
	640	9331025-1		1 PANEL, BOTTOM SUPPORT WATER TANK (MFD PN CD271)		1
	645	9331026-1		1 PANEL, BOTTOM WATER TANK COMPARTMENT (MFD PN CDM099-32)		1
	650	9331030-1		1 PANEL, OUTBOARD WATER TANK (MFD PN CDM031-22)		1
R	- 655	9332010-503		1 PANEL ASSY, INBOARD (MFD PN CDM105-32)		1
R	660	TYE2168-3-750	2	DELETED		D
R	-660A	CDSP5906-3-750	2	INSERT		20
R	665	TYE2161-3-20	2	DELETED		D
R	-665A	CDSP5905-3-20	2	INSERT, BLIND		1
	670	9332010-3	2	PANEL (MFD PN CDM105-32)		1
	- 675	9332010-505	1	PANEL ASSY, INBOARD (MFD PN CDM105-32)		1
R	680	TYE2161-3-20	2	DELETED		D
R	-680A	CDSP5905-3-20	2	INSERT, BLIND		6
R	685	TYE2168-3-750	2	DELETED		D
R	-685A	CDSP5906-3-750	2	INSERT		10
R	690	TYE2003-4-750	2	DELETED		D
R	-690A	CDSP5903-4-750	2	INSERT		2
	695	9332010-5	2	PANEL (MFD PN CDM105-32)		1

- ITEM NOT ILLUSTRATED


**COMPONENT MAINTENANCE MANUAL**  
**9332001**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	INDENT	NOMENCLATURE	EFF CODE	UNITS PER ASSY
R 12			1	PANEL ASSY, FWD BACKWALL		1
R - 700	9332013-503		2	INSERT, BLIND	43	
R 705	CDSP5905-3-20		2	INSERT, BLIND	19	
R 710	CDSP5906-3-750		2	INSERT, BLIND	4	
R 715	CDSP5905-08-20		2	PANEL (MFD PN CDM058-62)	1	
R 720	9332013-3		1	PANEL ASSY, OUTBOARD CART (MFD PN CDM105-32)	1	
R - 725	9332019-503		2	INSERT, BLIND	26	
R 730	CDSP5905-3-20		2	INSERT, BLIND	11	
R 735	CDSP5906-3-750		2	INSERT, BLIND	10	
R 740	CDSP5905-08-20		2	PANEL (MFD PN CDM105-32)	1	
R 745	9332019-3		1	PANEL ASSY, AISLE (MFD PN CDM105-32)	1	
R - 750	9332010-501		2	DELETED	D	
R 755	TYE2161-3-20		2	INSERT, BLIND	36	
R -755A	CDSP5905-3-20		2	DELETED	D	
R 760	TYE2168-3-750		2	INSERT, BLIND	36	
R -760A	CDSP5906-3-750		2	DELETED	D	
R 765	TYE2161-08-20		2	INSERT, BLIND	7	
R -765A	CDSP5905-08-20		2	DELETED	3	
R 768	CDSP5905-06-20		2	INSERT, BLIND	1	
R 770	9332010-1		2	PANEL (MFD PN CDM105-32)	1	
R 775	9332072-31		1	DOUBLER, CUTOUT	1	
R 780	9332072-33		1	DOUBLER, CUTOUT ATTACHING PARTS	1	
R 785	NAS514P832-5		1	SCREW ----- * -----	8	

- ITEM NOT ILLUSTRATED

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**COMPONENT MAINTENANCE MANUAL**

**9332001**

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Page 10098  
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**COMPONENT MAINTENANCE MANUAL**  
**9332001**  
**REWORK 01**

1. General

This section provides rework instructions for the G1 galley assembly to incorporate the Cockpit Security Door Assembly.

2. Effectivity

The modification outlined in CDR9397-18 affects the following Bombardier aircraft:

Airline	Aircraft Type	Cockpit Door Kit Part No.	C&D Aerospace Report Number
CLH	CRJ-700	CDK939-8	CDR9397-18

3. Rework Procedures

Do the detailed step-by-step procedures to modify the G1 Galley Assembly per C&D Aerospace document number CDR9397-18.

**NOTE:** Refer to C&D Aerospace CMM 25-17-03 for continued airworthiness procedures of the Cockpit Security Door.

**C & D AEROSPACE**  
**COMPONENT MAINTENANCE MANUAL**  
**9332001**  
**REWORK 02**

1. General

This section provides rework instructions for the G1 galley assembly to incorporate the Flight Deck Access System (FDAS).

2. Effectivity

The modification outlined in CDR9397-18A affects the following Bombardier aircraft:

Airline	Aircraft Type	Cockpit Door Kit Part No.	C&D Aerospace Report Number
CLH	CRJ-700	CDK939-6	CDR9397-18A

3. Rework Procedures

A. CDR9397-18 must be accomplished prior to or in conjunction with CDR9397-18A.

B. Do the detailed step-by-step procedures to modify the G1 Galley Assembly per C&D Aerospace document number CDR9397-18A.

**NOTE:** Refer to C&D Aerospace CMM 25-17-03 for continued airworthiness procedures of the Cockpit Security Door.

**NOTE:** Refer to C&D Aerospace CMM 25-17-04 for continued airworthiness procedures of the Flight Deck Access System (FDAS).