



Interior Maintenance Manual Illustrated Parts Catalog Model 750

UNIT 0107

FOR ITEMS BEYOND THE SCOPE OF THIS MANUAL

SEE IPC AND MAINTENANCE MANUALS



Cessna

CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

This manual is provided in addendum to the Aircraft Maintenance Manual and Illustrated Parts Catalog. It has been prepared to assist maintenance personnel in servicing and maintaining the interior of Model 750 airplanes. This manual provides the necessary information required to enable the mechanic to service, inspect, remove and replace components or repair systems.

Information beyond the scope of this manual may be found in Cessna Model 750 Wiring Diagram Manual, Illustrated Parts Catalog, Structural Repair Manual, Component Maintenance Manual, Nondestructive Testing Manual and Illustrated Tool and Equipment Manual. For technical assistance concerning this manual, contact Cessna Aircraft Company, Citation Completion Center.

Technical Publications available from the manufacturer of the various components and systems which are not covered in this manual must be utilized as required for maintenance of those components and systems.

To expedite the order process please include the following.

1. Aircraft model and unit numbers.
2. When ordering custom fitted interior parts include old part or exact measurements.

The Cessna Aircraft Completion Center would like to assure you of our full cooperation with any questions you may have concerning your interior.

CESSNA AIRCRAFT COMPANY

MODEL 750

INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG



Subject	Forward	Maintenance	Parts
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Passenger Compartment	25-20		
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Galley	25-30		
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Lavatories	25-40		
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Cargo Compartment	25-50		
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Electrical	25-90		
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Subject	Forward	Maintenance	Parts
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General

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GENERAL WARNINGS, CAUTIONS AND NOTES

This manual is to be utilized as an aid only. Accepted airplane maintenance practices and sound judgment shall be exercised for interior care and maintenance.

WARNING:

THE FOLLOWING WARNINGS SHALL APPLY FOR ALL INTERIOR MAINTENANCE ACTIVITIES TO INSURE PERSONAL SAFETY.

1. When installing interior components, insure that all installation point attachments are made properly and secured.
2. When removing / installing electrical components, insure that system power is off.
3. Maintain the proper placard and limitation requirements as specified in the airplane at all times.

CAUTION:

The following cautions are applicable for all maintenance activities to insure against interior damage.

1. In areas where grease or dirt are prevalent, wear protection over footwear when entering the interior.
2. Do not carry sharp tools or instruments in pockets.
3. Cover all necessary interior furniture to prevent damage.

NOTE:

When servicing or performing maintenance on the interior, care should be exercised to keep it clean. Protective covers should be used to the maximum extent.

When ordering plated parts, the plating number found in section 25-00-06 must follow the part number without a space.

LIFE VEST - DESCRIPTION AND OPERATION

NOTE:

- (1) A life vest is provided in a pouch and stored in a container under the passenger seat carriage assembly. An elastic band holds the vest in the container. Life vests are also located in a pocket on the back of the pilot and copilot seats. A life vest is located in the bottom of the toilet seat assembly.
- (2) The life vest is designed to be stored in its pouch and should be removed only in a emergency or for inspection. Instructions for use of the life vest are provided on a card for each passenger.
- (3) Life vest are inflated by pulling handle with discharges an air cylinder. The vest can be inflated manually by blowing into a filler tube.
- (4) Life Vests need to be returned to the vendor for inspection every 12 months. The date of original certification is stamped on the vest.

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INTERIOR CARE

An Interior Cleaning Kit, is provided with your aircraft. Please follow the instructions included in this kit. If the use of the cleaning kit products does not produce the desired effect, follow the procedures in this chapter.

Cleaning Instructions

PVC Suede

Frequent gentle cleaning with upholstery shampoo foam is the most satisfactory method to maintain suedes appearance. Suggested shampoos such as 'Blue Luster', which contain a sodium lauryl sulfate are recommended. Follow directions on the label. Heavily soiled areas should be treated immediately with an application of 'Lestoil' type cleaner, followed immediately by brisk rubbing with a clean, wet cloth. Rinse with clear water and blot dry with clean towel.

CAUTION: The use of solvents and dry cleaning fluids must be avoided.

Suede and Caressa

Suede is treated to resist dirt and natural soil. Generally, suede may be cleaned by brushing with a suede brush or very fine sand paper. Oil spots can usually be removed by the use of chalk sprayed from an aerosol can. 'Spot' manufactured by Red Devil is one available brand.

Ultra Suede

For weekly cleaning - clean with plastic brush wiping in horizontal or vertical direction. On ink marks - use a Q-Tip with isopropyl alcohol and blot with white wiper. On heavily soiled areas use vinegar and water mixture with a white wiper to help prevent build up of soil and smoke film, do not rub, gently blot.

Wood Veneer

Do not use solvent based cleanser or restorer. To clean, use any oil base spray or liquid furniture polish on soft cloth and wipe. If heavily soiled use warm water and mild detergent before polish.

Laminate and Vinyl

Wipe with a clean white wiper using a mixture of white vinegar and water (1/3 cup of vinegar to 2/3 cup of water) or use warm water and mild detergent. Wipe dry with clean cloth.

Leather

Of all the upholstery materials on the market today, genuine leather requires the least care. To remove almost any stain clean according to the following instructions:

1. Apply small amount of colorless dishwashing liquid to damp white cheesecloth. Rub cloth until soap suds appear. Wipe stained area.
2. Rinse off the soap film with a piece of cheesecloth dampened in clear lukewarm water.
3. Finish by wiping with a dry, soft white cloth.

CAUTION: Never use furniture polishes, oils, varnishes or ammonia water.

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INTERIOR CARE - CONTINUED

Plated Parts

To clean wipe with a soft cloth and a mild soap detergent (small amount of soap in warm water) or a non-abrasive window cleaner (without ammonia) diluted 50% with water. Apply to a cloth and gently wipe away fingerprints or residue, rinse with warm water and dry with a soft cloth. This will clean and protect your plated parts.

CAUTION: Never use abrasives, glass cleaner, or polish to clean.

WARNING: Many household-type products can be very aggressive and damage the clearcoat or plating. These items include soaps, hand cleaners, any product that has chlorine or abrasives, spray cleaners, cleansers, mouth wash, any product with lower than 7ph or higher than 10ph, solvent-based cleaners, waxes or polishes, and or any type of drain cleaner.

Silk

To clean airborne particles, thoroughly vacuum surfaces. To remove stains, consult a professional dry cleaning service.

CAUTION: Never use any type of cleaning detergent.

Mirrors

Wipe with white wiper in a horizontal or vertical direction only using a well diluted window cleaner or an aircraft plexiglass cleaner.

Plastic Trays

Wipe with a clean white wiper using a mixture of white vinegar and water (1/3 cup of vinegar to 2/3 cup of water). Place mixture in a labeled bottle and place on aircraft for daily maintenance.

CAUTION: Trays are not dishwasher safe.

Polished Wool

Use a dry cleaning product such as 'Picrin'. Apply product on a clean cloth then lightly rub on dried stained area.

Carpet

For general maintenance - lightly vacuum weekly.

WARNING: Do not use vacuum cleaner or any object which may generate sparks while air plane is being fueled. Professional dry cleaning is recommended.

If a spill occurs, first blot up any excess liquid with a clean white cloth or paper towel. Scrape up solids with the dull edge of a knife or spoon. Blot residue and avoid rubbing soil into the fabric or carpet.

CAUTION: Do not use a mechanical shampooer. It will distort the carpet.

Prepco

Tank should be rinsed after each use with water. To clean use warm water and mild soap or 1 part vinegar / two parts water, or baking soda and water. Rinse out cleaner with water. If spigot becomes stained it can be removed from prepco for ease in cleaning with a scouring pad.

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CLEANING SOLUTIONS

Refer to Chart for solution to use on particular stain. Pretest solution on an inconspicuous area. Apply appropriate stain removal solution sparingly, working in from edge to center of stain. Remove excess moisture with white paper towel.

NOTE: Use all cleaning solutions sparingly.

Solutions**1. Ammonia Solution:**

1 tablespoon clear household ammonia (3% solution) with 1/2 cup water. Sponge with fresh water and blot to dry.

2. Detergent Solution:

1 teaspoon colorless dishwashing liquid with 1 cup of warm water. Apply with damp paper towels and blot to dry.

3. Dry Cleaning Solution:

Use a dry cleaning solvent such as 'Carbona', 'Energine' or 'K2R' (chemically 1.1.1. trichloroethane preferred). Read directions on package carefully.

Supplies**Scrub Brush:**

Soft plastic scrub brush with handle.

Wipes:

Box of soft wipers. Recommended are plexiglass white wiper #8710 made by Chicopee.

Spot Remover:

Spot remover for oil, tar or grease.

NOTE: For treated fabric - the type of spot remover used for cleaning should be recommended by the company which applies the fabric treatment. Follow specific instructions listed on the product.

Type of Stain	Solution
Alcohol, Beer	2
Blood	2
Margarine, Butter	1
Candy, Chocolate	2
Colas, Soft Drinks	2
Catsup, Tomato Juice	2
Cigarette Burns	3
Coffee	2
Cold Cream	1
Correction Fluid	1
Cosmetics	1
Cough Syrup	2
Deodorant	1
Fruit, Berry Stain	2
Grease	1
Gum	3
Hair Oil	1
Ink, Ballpoint	2
Ink, Fluid	3
Iodine	1
Lipstick	3
Mayonnaise	1
Mildew	3
Milk	2
Mud	2
Mustard	2
Nail Polish	3
Oil	1
Paint, Oil Base	3
Perfume	3
Rubber Cement	1
Rust	2
Shoe Polish	1
Tar, Asphalt	1
Tea	2
Toothpaste	2
Urine	3
Vomit	2
Wine	2

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LOOSE EQUIPMENT

Part Number	Description	Vendor	Quantity
4611006-1	LOOSE EQUIPMENT INSTL (standard)		
1259	FLASHLIGHT	KANS	2
4611060-1	BAGGAGE RESTRAINT SYSTEM		1
4611061-1	EXT PAINT TOUCH UP KIT		1
4611062-8	CARPET ASSY-DROPPED ASLE		1
4611063-1	PASSENGER BRIEFING CARD		9
4611079-1	THRESHOLD CARPET ASSY		1
4611079-4	THROW RUG ASSY		4
4611143-1	RESTRAINT KIT		1
70002-00	FIRST AID KIT	53655	1
9910143-1	COAT HANGER		6
---	LOOSE EQUIPMENT INSTL (special)		
---	DISPOSABLE CUPS	SEE PARTS CATALOG	
01-0655	AIRSHOW CD		1
105009-2	DVD REMOTE CONTROL		2
GT/5	HEADSET		8
4690059-25	8.4 TOUCH SCREEN MONITOR MOD		1
4690059-26	8.4 MONITOR MOD		3
4690059-1	5.6 MONITOR MOD		2
5A3204-10112	LIFERAFT		3

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VENDOR LIST

AERI	Aeristo P.O. Box 1088 Grapevine, TX 76099	0BW04	Aircraft Modular Products, Inc. 4000 N.W. 36th Ave. Miami, FL 33142	24403	Enidine Inc. 7 Centre Drive Orchid Park, NY 14127
APGR	Appearance Group P.O. Box 36024 Dallas, TX 75235	00779	Amp Inc. P.O. Box 3608 Harrisburg, PA 75105	24984	Hydra Flow 13259 E. 166th St. Cerritos, CA 90701
AUIN	Audio International 4618 JFK Blvd. N. Little Rock, AR 72116	02289	Hi-G Co. 101 Locust St. Hartford, CT	27264	Molex Inc. 2222 Wellington Ct. Lisle, IL
AVWS	Aerial View Systems P.O. Box 9905 New Port Beach, CA	03743	Appleton Electric Col 2205 12th Ave. Milwaukee, WI	29289	Aero Space Controls 1050 N. Mosley Wichita, KS 67214
CLCO	Clancey Co. 5812 Maple Mission, KS 66202	04221	Midtex Relays 1650 Tower Blvd. N. Mankato, MN	29780	Monogram Industries P.O. Box 5002 Redondo Beach, CA
DAHL	Dahlgren Duck 122222 Merit Drive Suite 980 Dallas, TX 75251-2217	04729	UNICORP 291 Cleveland St. Orange, NJ 07050	31272	Ancra Corp. 2233 E. Grand Ave. El Segundo, CA 90245
DETT	Dettmers Inc. 3081 S.E. Slater St. Stewart, FL 34997	06090	Raychem Corp. 300 Constitution Dr. Menlo Park, CA 940025-1111	31845	Sealth Aero Marine 641 Ewing St. Seattle, WA 98119
HAAM	Hafele America P.O. Box 1590 HighPoint, NC 27262	07688	Joint Electron Device Eng	33497	Precision Winding 109 S. Knight Wichita, KS 67213
KANS	Kansas Fire Equip. 123 So. Osage Wichita, KS	08806	General Electric Nela Park Cleveland, OH 44112	37695	Magnavox Elec Systems Co. 1313 Production Rd. Fort Wayne, IN 46303
K2962	Baxter Woodhouse and Taylor 2 Stockport CHES SK12 1AH, England	1K426	Litton Systems Inc Litton Special Devices 750 W Sproul Rd Springfield, PA 19064	4W953	Precision Pattern 1643 S. Maize Wichita, KS 67209
MOIN	Morgan Hinge Inc. 2922 Vancouver Drive Little Rock, AR 72204	10933	Avionic Instruments Inc 1414 Randolph Ave Avenel, NJ 07001	43223	Alberts BJ Co. 537 S. Main St. Wichita, KS 67201
MOLY	Molly Crop. 504 Mt. Laurel Ave. Temple, PA 19560	11139	Deutsch Co. 700 S. Hathaway Banning, CA	43588	Radio Shack 448 S. Rock Rd. Wichita, KS 67207
OKATA	Delta Faucet P.O. Box 40980 Indianapolis, IN 46280	13029	Van Dusen Aircraft Products Box 10133 Lambert Field St. Louis, MO	44055	Superior Supply 215 Laura St. Wichita, KS 67211
PHGO	Phoenix Gold 1170 N.E. 63rd. Portland, OR 97213	14208	Minneapolis Speaker Co. 3806 Grand Ave. So. Minneapolis, MN 5540	47911	Polar Ware Lake Shore Rd. Sheboygan, WI 53081
PRPF	Price Pfister 1939 Hereford Rd. Irving, TX 75038	16499	Standard Precision Inc Accuride Division 12311 S Shoemaker Ave Santa Fe Springs, CA	50333	Koss Corp. 4129 N. Port Washington Ave. Milwaukee, WI 53212-1029
RPDE	Rosen Product Development P.O. Box 5386 Eugene, OR 97405	2W816	Petsche Co. Inc. 4545 W. Harry Wichita, KS	51296	Charles Starr Co. 14713 1/2 Oxnard St. Van Nuys, CA 91411
SMCO	Star Manufacturing Co. 9325 Olive Blvd. St. Louis, MO 63132			51752	Global-Wulfsberg Systems 2144 Michaelson Drive Irvine, CA 92715
0A485	Vista Mfg. Inc. P.O. Box 438 Ponder, TX				

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VENDOR LIST - CONTINUED

52607	Actron Mfg. Inc. 3800 E Miraloma Ave Anaheim CA	75345	Kirkhill Rubber Co. 300 E. Cypress Brea, CA 92621	99539	General Fire Extinguisher 103 Brookside Drive 1685 Shermer Road Northbrook, IL 60062-5315
53421	Tyton Corp. P.O. Box 23055 Milwaukee, WI 53233	76005	Lord Corp Aerospace Products Div 1635 W 12th St P O Box 10039 Erie PA	NOTE: SIX DIGIT NUMBERS	
53655	Scott Aviation Div Figgie International Inc 225 Erie St Lancaster NY	78372	Universal Industrial Prod Co. 1 Core Way Dr. Pioneer, Ohio 43554	051531	American Cabin Supply 103 Brookside Drive Nicholasville, KY 40356 1-800-932-9933
56081	Baker Electronics Inc 1734 Northgate Blvd Sarasota FL 34234	80477	Adams Rite 540 W. Chevy Chase Dr. Glendale, CA 91204	054181	American Fun food 2810 N. Market Wichita KS 67207
57399	Eastern Aero Marine 3850 N.W. 25th St. Miami, FL 33142	82389	Switch Craft 5555 N. Elstrom Ave. Chicago, IL	147768	TIA Electric Col 22 Audrey Place Fairfield, NJ 07006
59959	Pacific Systems Corp 1111 W Nickerson St Seattle WA	82647	Texas Instruments 34 Forest St. Attleboro, MA 02703	169871	CAE Inc. P.O. Box 430 Hamburg, MI 48139
61806	Baekgarrrd Ltd. 1855 Janke Dr. Northbrook, IL 60062-670	82837	Grimes Div Midland Ross P.O. Box 277, Mansfield Airport Mansfield, OH 44901	248011	Cruver Manufacturing Chicago IL
62139	Selby Furniture Hardware Co Inc 17 E 22nd St New York NY	83014	Hartwell Corp. 900 S. Richfield Rd. Placentia, CA	448151	High Tech Finishing 6201 Royaltown Houston, TX 77081
62661	Colder Products Co. 1001 Westgate Dr. St. Paul, MN 55114	83564	Wemac, Inc. 18465 Pacific St. Fountain Valley, CA 92708-7004	503291	Jims Builder Hardware 567 W. Douglas Wichita KS 67213
63367	FL Aerospace Lake Dr. Ext. Delray Beach, FL	91929	Honeywell Inc. Microswitch Div. 11 W. Spring St. Freeport, IL 61032	579951	Rexnord, Inc. P.O. Box 601 Hasbrouck Heights, NJ
67131	Vicor Corp. 23 Frontage Road Andover, MA 01810	94222	Southco, Inc. 210 N. Brinton Lake Rd. Concordville, PA 19331	610241	Mid Continent Paper 4700 S. Pallisade Wichita KS 67216
70093	Asinc Inc 14661-C Myford Rd Tustin CA	95146	Alco Switch 1551 Osgood St. North Andover, MA 01845	628434	Monogram Industries 800 W. Artesia Blvd. P.O. Box 71106 Compton CA 90224-9057
71400	Bussman P.O. Box 14460 Wichita, KS 67213	95263	Leecraft Mfg. 21-16 44th R. Long Island, NY	680772	Pacific Scientific 1346 S. State College Blvd. Anaheim, VA 92803
71468	ITT Cannon 666 E. Dyer Rd Santa Ana, CA 92702-0929	95957	Brownline/Brooks and Perkins 2950 W. Lomita Blvd Torrance, CA	732751	Puritan Bennett Aero System 18465 Pacific JSt. Fountain Valley, CA 92708
72914	FI Aerospace Corp Grimes Div 550 Rt 55 P O Box 247 Urbana OH	98313	Davis Aircraft Products 1150 Walnut Ave. Bohemia, NY 11716	847471	Charles A. Starr Co. P.O. Box 71106 Reno NV 89570
74868	Amphenol Corp. 1 Kennedy Ave. Danbury, CT			988271	Wulfsburg Electronics 11300 W. 89th St. Overland Park, KS 66214

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INTERIOR TRIM COORDINATION PACKAGE:

CARPET:

ENTRY THRESHOLD & THROW RUG BINDING: MEGA, 922
MAIN CABIN CARPET BINDING: MEGA, 922
BAGGAGE CARPET: CONCOURSE, C014, MED. GRAY
BAGGAGE CARPET BINDING: F520533, GRAY

CABINETRY:

PAINT TABLE HANDLE TO MATCH: SINA PEARSON, BAUHAUS TEXTURE, 174-62, TAUPE/SLATE
TABLE HINGE FINISH: CLARIANT, GOLD

SEAT BELT WEBBING COLOR:

CREWSEATS: PAC SCI, BW POLY, BEIGE
JUMPSEAT: NOT APPLICABLE
PASSENGER SEATS: -420, CAPPUCCINO (NC-351)
SIDEFACING SEAT: NOT APPLICABLE

INTERIOR TRIM PAINTS:

PASSENGER SEATS:
ACRYFLEX (NON-METAL PARTS): 377-565, CHAMPAGNE
POLYURETHANE (METAL PARTS): WP-3050, CHAMPAGNE
CABIN & COCKPIT HEADLINER TRIM :
ACRYFLEX (NON-METAL PARTS): 377-708, BAMBOO
POLYURETHANE (METAL PARTS): WP-3337, BAMBOO
WINDOW SHADES:
ACRYFLEX (NON-METAL PARTS): 370-533, BONE ULTRASUEDE
COCKPIT TRIM: (WINDOW)
ACRYFLEX (NON-METAL PARTS): NOT APPLICABLE
POLYURETHANE (METAL PARTS): AO-3487 CP BEIGE
(IF ACRYFLEX NOT SPECIFIED PARTS ARE TO BE UNPAINTED)
CARPET:
ACRYFLEX (NON-METAL PARTS): 377-734, SEAL
POLYURETHANE (METAL PARTS): WP-3390, SEAL
ENTRANCE DOOR TRIM: (CABIN DOOR POST)
ACRYFLEX (NON-METAL PARTS): NOT APPLICABLE
POLYURETHANE (METAL PARTS): WP-3050, CHAMPAGNE
DOORPOST TRIM TO BE COVERED
DOORSTEP:
POLYURETHANE: WP-3050 SF CHAMPAGNE
TAILCONE GUSSETS:
POLYURETHANE (METAL PARTS): WP-3058, LT. GRAY

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*Citation II***FLIGHT DECK COMPARTMENT****1. UPPER SIDEWALL**

MFG: (CDC) Townsend
NAME: Traditional
NO: CS-CM-136-97T
COLOR: Creme

2. CONSOLE ARMREST

MFG: (CDC) Townsend
NAME: Traditional
NO: CS-CM-136-97T
COLOR: Creme

3. CONSOLE SIDEPANEL

MFG: (CDC) Townsend
NAME: Traditional
NO: CS-CM-136-97T
COLOR: Creme

4. HEADLINER (NOT SHOWN)

MFG: (CDC) Pollack
NAME: Clubcar
NO: 5009-01
COLOR: Buff

**5. LH & RH DIVIDERS (FWD SIDE)
(NOT SHOWN)**

MFG: Carl Booth
NAME: Wood Veneer
NO: WS-233
COLOR: Walnut Burl

6. CARPET (NOT SHOWN)

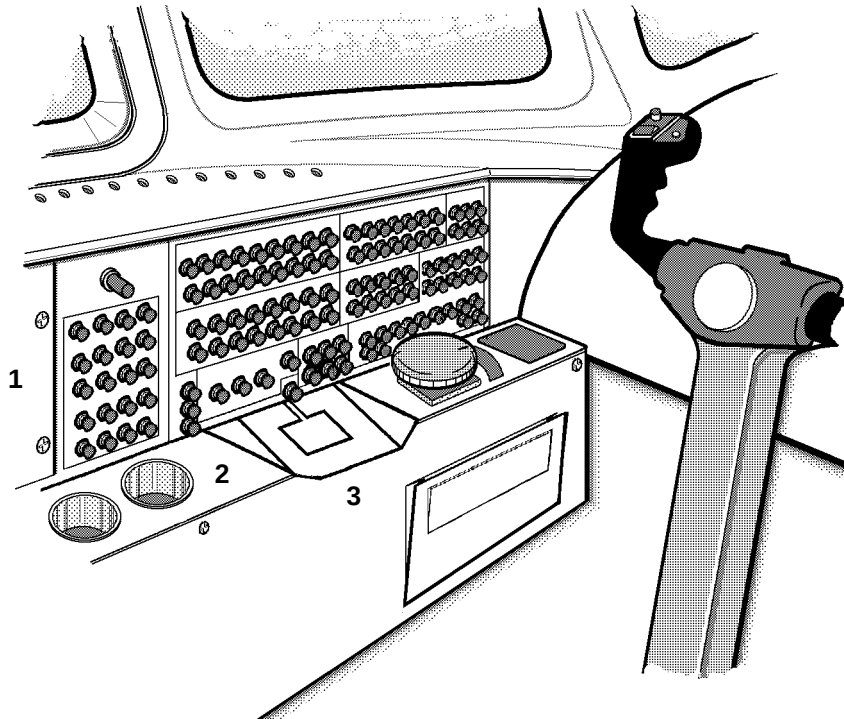
MFG: (CDC) Kalogridis
NAME: Cut Pile
NO: CVCP-1130
COLOR: Asphalt

7. SCUFF MATS (NOT SHOWN)

MFG:
NAME:
NO: L443019
COLOR: Black

**8. DIVIDER DOORS
(FWD & AFT SIDE)**

MFG: Carl Booth
NAME: Wood Veneer
NO: WS-233
COLOR: Walnut Burl



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Citation II

FLIGHT DECK COMPARTMENT - CREW SEATS

1. SEAT MATERIAL

MFG: (CDC) Townsend
NAME: Traditional
NO: CS-CM-136-97T
COLOR: Creme

2. SEAT TRIM

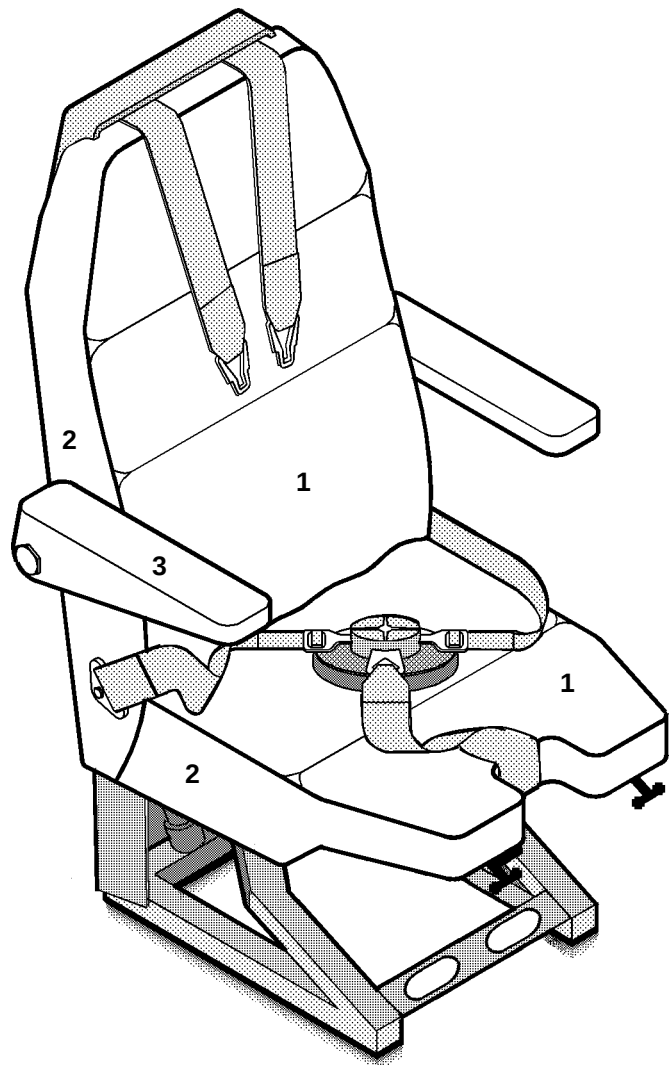
MFG: (CDC) Townsend
NAME: Traditional
NO: CS-CM-136-97T
COLOR: Creme

3. ARMREST MATERIAL

MFG: (CDC) Townsend
NAME: Traditional
NO: CS-CM-136-97T
COLOR: Creme

**4. SHEEPSKIN SLIPCOVERS
(NOT SHOWN)**

MFG: Douglass
NAME:
NO:
COLOR: Tan



Citation II

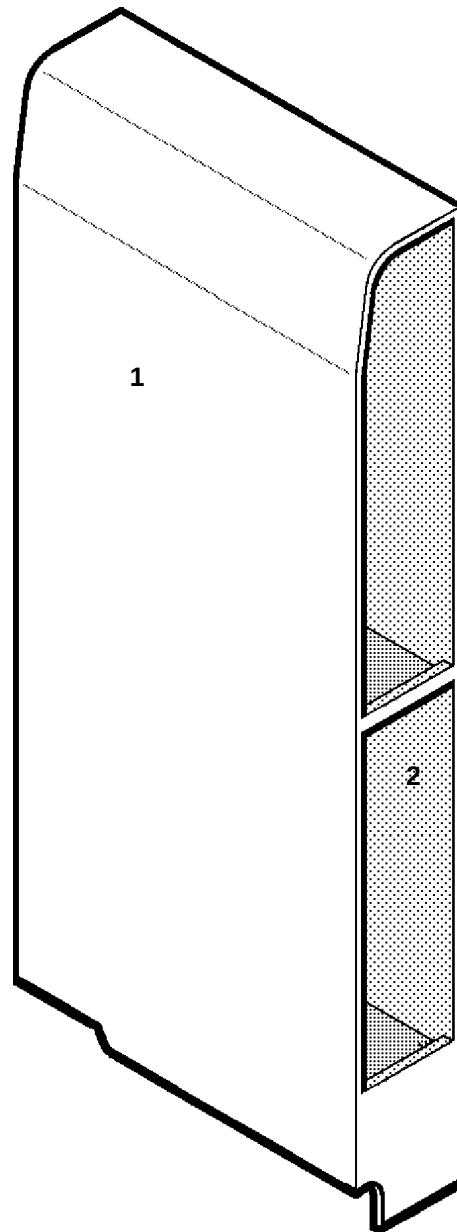
FLIGHT DECK COMPARTMENT - RH TWO BOOK NAVIGATION CHART CASE

1. CHART CASE MATERIAL

MFG: Carl Booth
NAME: Wood Veneer
NO: WS-233
COLOR: Walnut Burl

2. INTERIOR COMPARTMENT MATERIAL

MFG: Wilsonart
NAME: Matte Laminate
NO: D50-60
COLOR: Khaki Brown





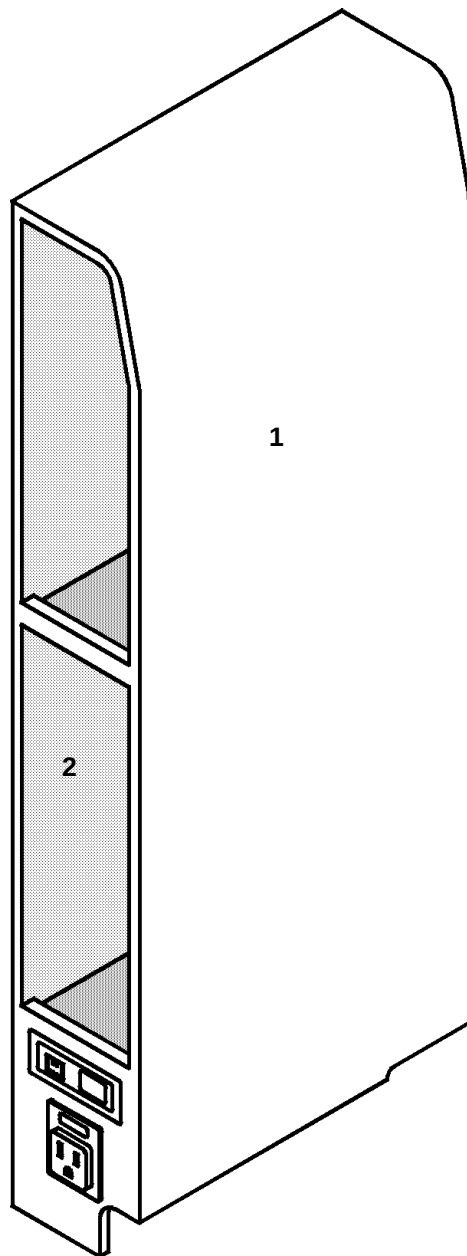
FLIGHT DECK COMPARTMENT - LH TWO BOOK NAVIGATION CHART CASE

1. CHART CASE MATERIAL

MFG: Carl Booth
NAME: Wood Veneer
NO: WS-233
COLOR: Walnut Burl

2. INTERIOR COMPARTMENT MATERIAL

MFG: Wilsonart
NAME: Matte Laminate
NO: D50-60
COLOR: Khaki Brown



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Citation II

FWD CABIN AREA - LH FWD CLOSET

1. CABINETRY

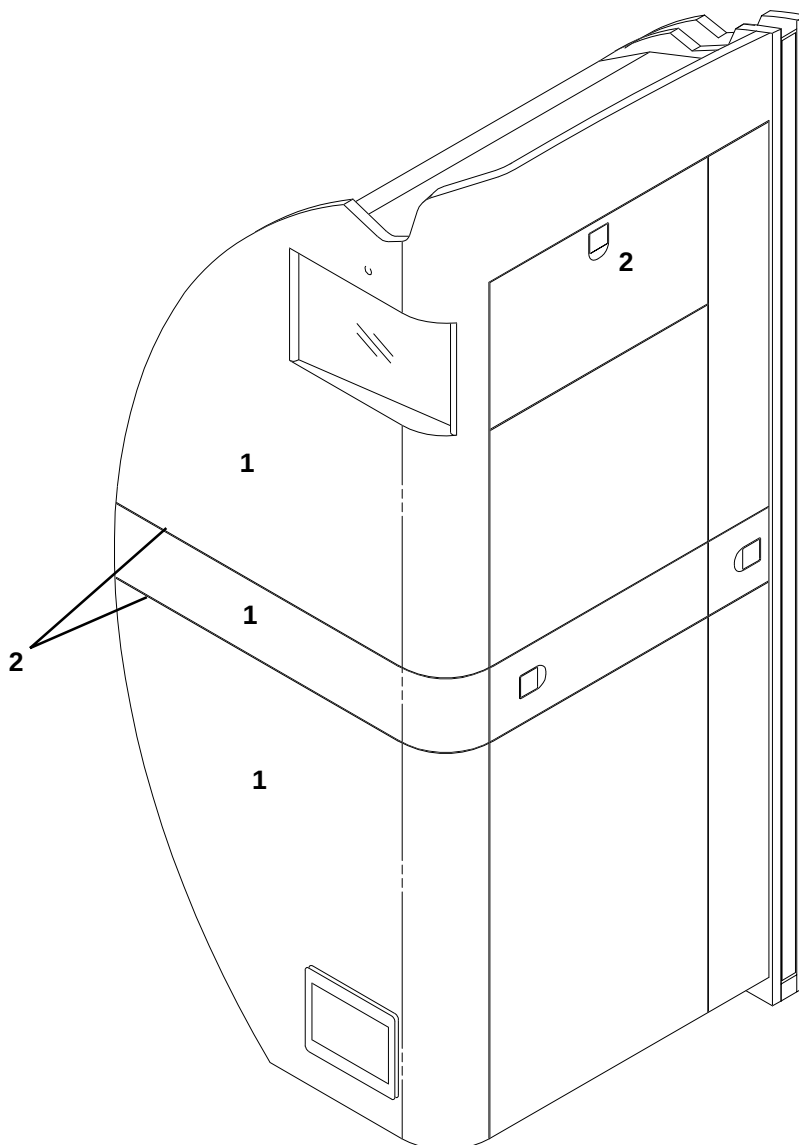
MFG: Carl Booth
NAME: Wood Veneer
NO: WS-233
COLOR: Walnut Burl

2. HARDWARE FINISH / INLAY

MFG: Quaker City Plating
NAME:
NO: QCP-588
COLOR: Satin Blush White Gold

**3. INTERIOR COMPARTMENTS
(NOT SHOWN)**

MFG: Wilsonart
NAME: Matte Laminate
NO: D50-60
COLOR: Khaki Brown



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INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

*Citation II***FWD CABIN AREA - RH FWD LARGE GALLEY****1. CABINETRY**

MFG: Carl Booth
NAME: Wood Veneer
NO: WS-233
COLOR: Walnut Burl

2. HARDWARE FINISH / INLAY

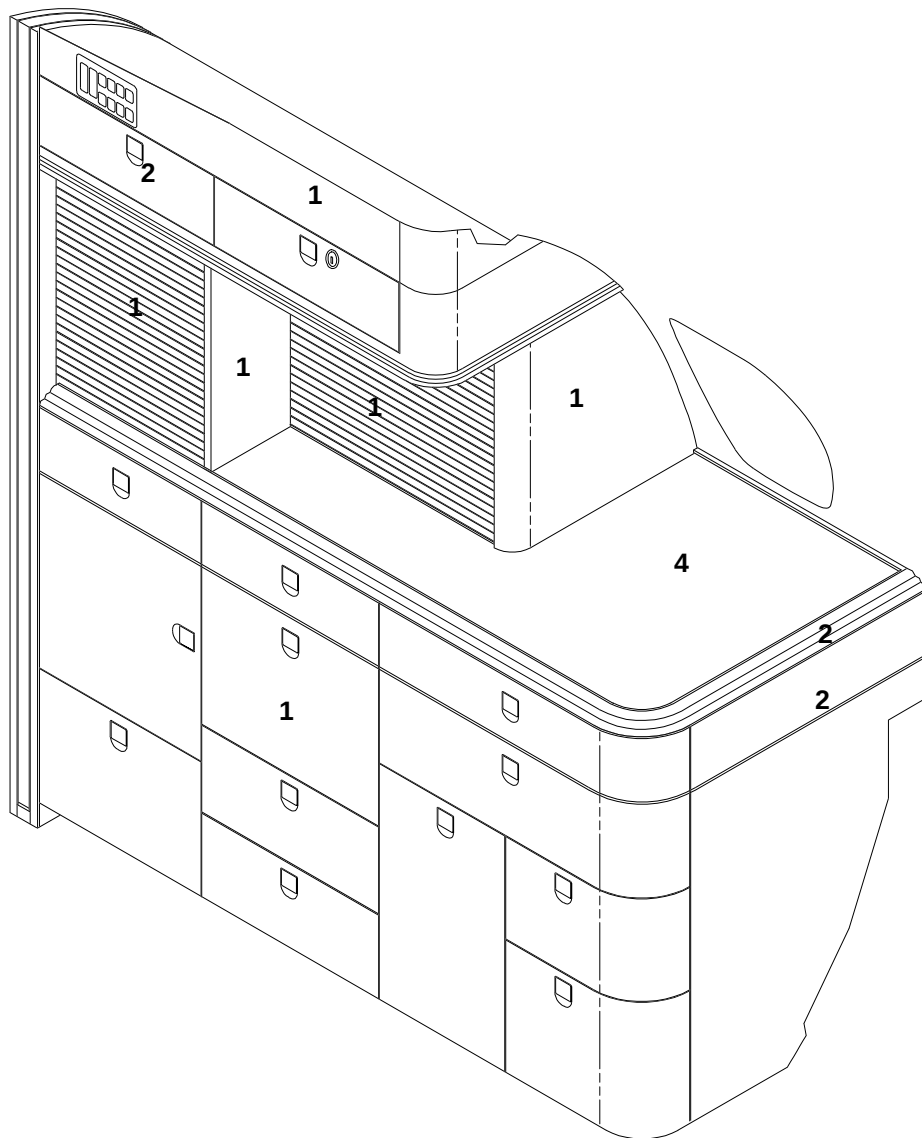
MFG: Quaker City Plating
NAME:
NO: QCP-588
COLOR: Satin Blush White Gold

**3. INTERIOR COMPARTMENTS
(NOT SHOWN)**

MFG: Wilsonart
NAME: Matte Laminate
NO: D50-60
COLOR: Khaki Brown

4. WORK SURFACE

MFG: Carl Booth
NAME: Wood Veneer
NO: WS-233
COLOR: Walnut Burl



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INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Citation II

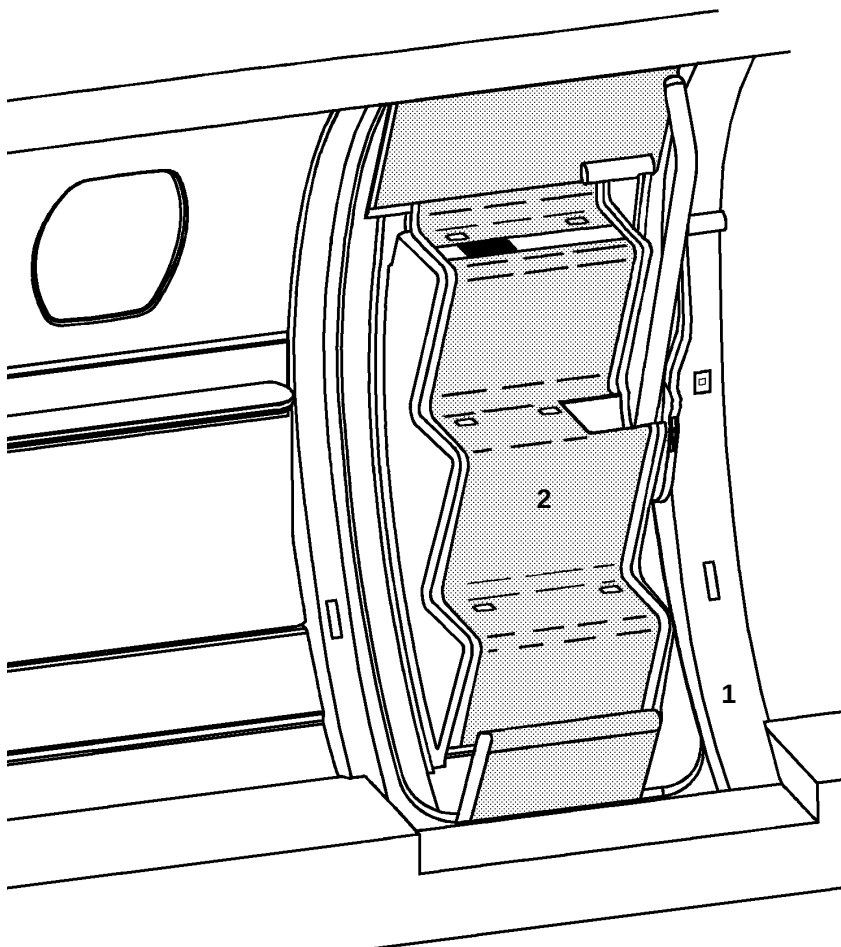
FWD CABIN AREA - ENTRY AREA

**1. ENTRANCE DOOR TRIM/HAND
RAIL COVER**

MFG: (CDC) Townsend
NAME: Traditional
NO: CS-CM-136-97
COLOR: Creme

2. CABIN DOOR STEPS

MFG: Schneller
NAME: Aeromat ST
NO: 15239/15240/20R/54
COLOR: Beige



MODEL 750

INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

*Citation II***MAIN CABIN AREA - PASSENGER SEAT****1. SEAT MATERIAL**

MFG: (CDC) Townsend
NAME: Traditional
NO: CS-CM-136-97
COLOR: Creme

2. ARMREST MATERIAL

MFG: (CDC) Townsend
NAME: Traditional
NO: CS-CM-136-97
COLOR: Creme

3. SEAT TRIM

MFG: (CDC) Townsend
NAME: Traditional
NO: CS-CM-136-97
COLOR: Creme

4. SEAT BASE

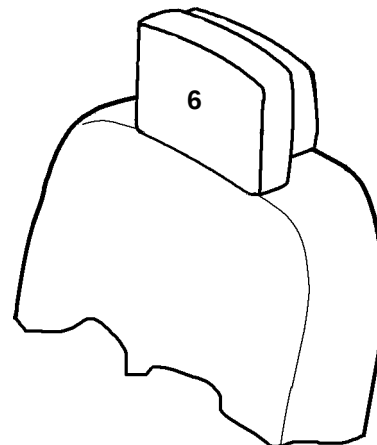
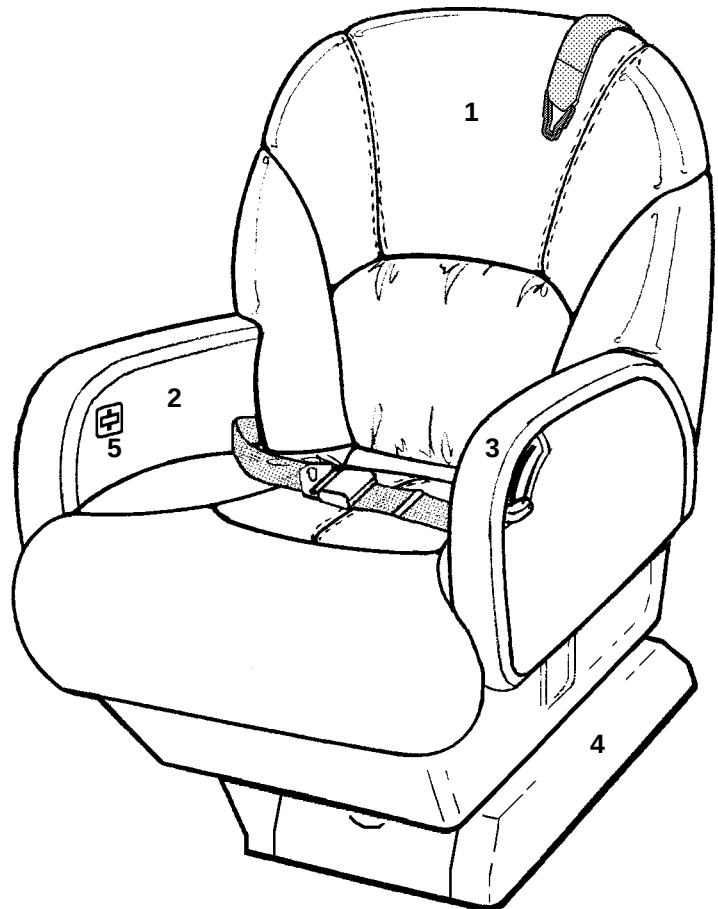
MFG: (CDC) Townsend
NAME: Traditional
NO: CS-CM-136-97
COLOR: Creme

5. HARDWARE FINISH

MFG: Quaker City Plating
NAME:
NO: QCP-588
COLOR: Satin Blush White Gold

6. HEADREST PILLOW MATERIAL

MFG: (CDC) Townsend
NAME: Traditional
NO: CS-CM-136-97
COLOR: Creme
Shredded Sheepskin Stuffing



MODEL 750

INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

*Citation II***MAIN CABIN AREA - MATERIALS****1. HEADLINER / PSU**

MFG: (CDC) Pollack
 NAME: Clubcar
 NO: 5009-01
 COLOR: Buff

2. WINDOW REVEALS

MFG: (CDC) Jim Thompson
 NAME: Thai Silk
 NO: 190021
 COLOR: Ceylon Ivory

3. SIDEWALL

MFG: (CDC) Sina Pearson
 NAME: Bauhaus Texture
 NO: 174-62
 COLOR: Taupe/Slate

4. CARPET

MFG: (CDC) Kalogridis
 NAME: Cut Pile
 NO: CVCP-1130
 COLOR: Asphalt

5. WINDOW SHADES (NOT SHOWN)

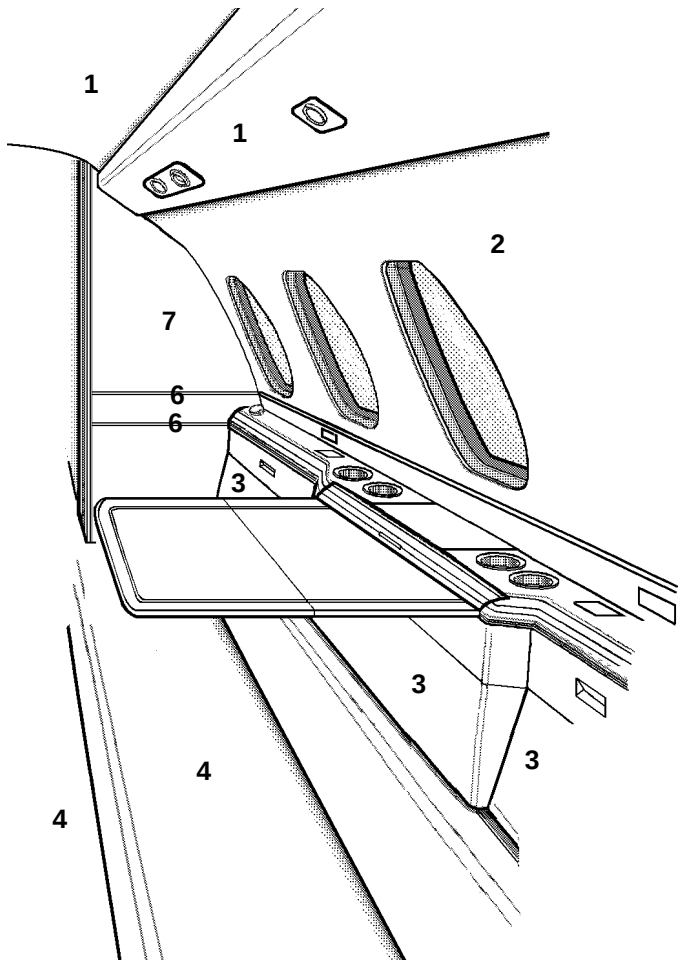
MFG: (CDC)
 NAME: Duette
 NO: F780831
 COLOR: Beach Shells

6. LH/RH AFT DIVIDERS (FWD SIDE) (MIDDLE & LOWER AREA)

MFG: Carl Booth
 NAME: Wood Veneer
 NO: WS-233
 COLOR: Walnut Burl

7. LH/RH AFT DIVIDERS (FWD SIDE) (UPPER AREA)

MFG:
 NAME: Mirror
 NO:
 COLOR: Bronze



MODEL 750

INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

*Citation II***MAIN CABIN AREA - FURNITURE****1. SIDELEDGE / BACKSPLASH**

MFG: Carl Booth
NAME: Wood Veneer
NO: WS-233
COLOR: Walnut Burl

2. TABLE TOP SURFACE

MFG: (CDC)
NAME: Top Grain Leather
NO: L441934
COLOR: Dk. Charcoal

3. HARDWARE FINISH / INLAY

MFG: Quaker City Plating
NAME:
NO: QCP-588
COLOR: Satin Blush White Gold

4. MAIN TABLE LEAF (UNDERSIDE)

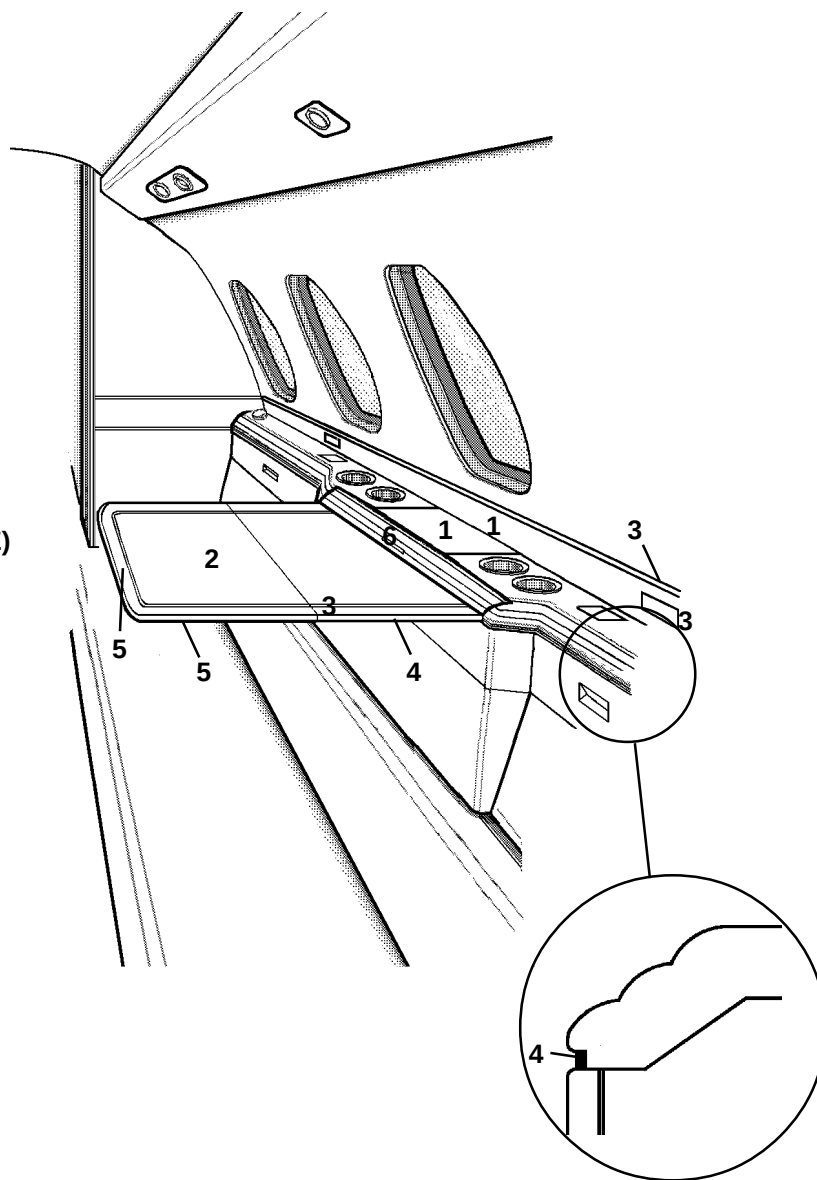
MFG: Wilsonart
NAME: Matte Laminate
NO: D50-60
COLOR: Khaki Brown

**5. TABLE TOP EDGE/
SECONDARY FOLD OUT
SURFACE (UNDERSIDE)**

MFG: Carl Booth
NAME: Wood Veneer
NO: WS-233
COLOR: Walnut Burl

6. TABLE LEAF LID (UNDERSIDE)

MFG: Carl Booth
NAME: Wood Veneer
NO: WS-233
COLOR: Walnut Burl



(Detail of Inlay)

MODEL 750

INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

*Citation II***AFT LAVATORY AREA - VANITY CABINET****1. AFT VANITY CABINET (EXTERIOR)**

MFG: Carl Booth
 NAME: Wood Veneer
 NO: WS-233
 COLOR: Walnut Burl

2. AFT VANITY BACKSPLASH

MFG:
 NAME: Mirror
 NO:
 COLOR: Bronze

3. LH AFT DIVIDER (NOT SHOWN)

MFG: (CDC) Townsend
 NAME: Traditional
 NO: CS-CM-136-97T
 COLOR: Creme

4. AFT VANITY TOP

MFG: Carl Booth
 NAME: Wood Veneer
 NO: WS-233
 COLOR: Walnut Burl

5. SINK FINISH

MFG: Quaker City Plating
 NAME:
 NO: QCP-588
 COLOR: Satin Blush White Gold

6. AFT VANITY CABINET (INTERIOR)

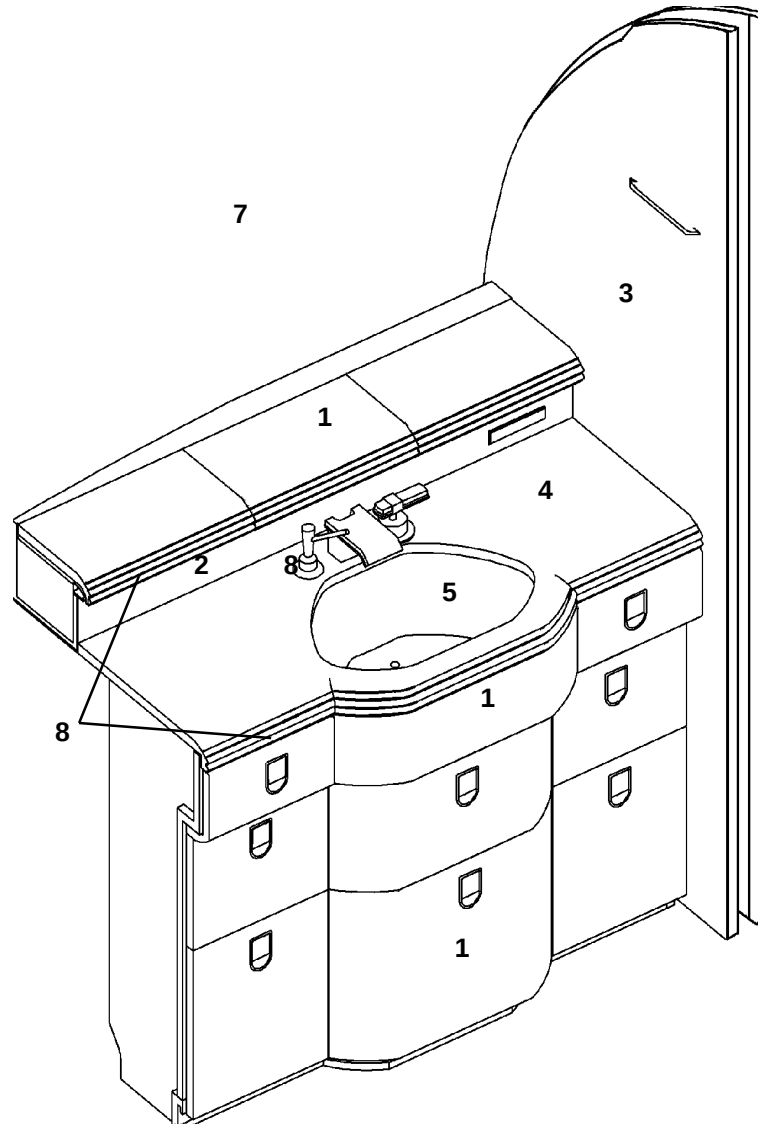
MFG: Wilsonart
 NAME: Matte Laminate
 NO: D50-60
 COLOR: Khaki Brown

7. REVEAL

MFG: (CDC) Jim Thompson
 NAME: Thai Silk
 NO: 190021
 COLOR: Ceylon Ivory

8. HARDWARE / INLAY

MFG: Quaker City Plating
 NAME:
 NO: QCP-588
 COLOR: Satin Blush White Gold



*Citation II***AFT LAVATORY AREA - TOILET****1. TOILET SEAT MATERIAL**

MFG: (CDC) Townsend
NAME: Traditional
NO: CS-CM-136-97T
COLOR: Creme

2. TOILET CABINET BASE

MFG: (CDC) Townsend
NAME: Traditional
NO: CS-CM-136-97T
COLOR: Creme

3. RH AFT DIVIDER (AFT SIDE)

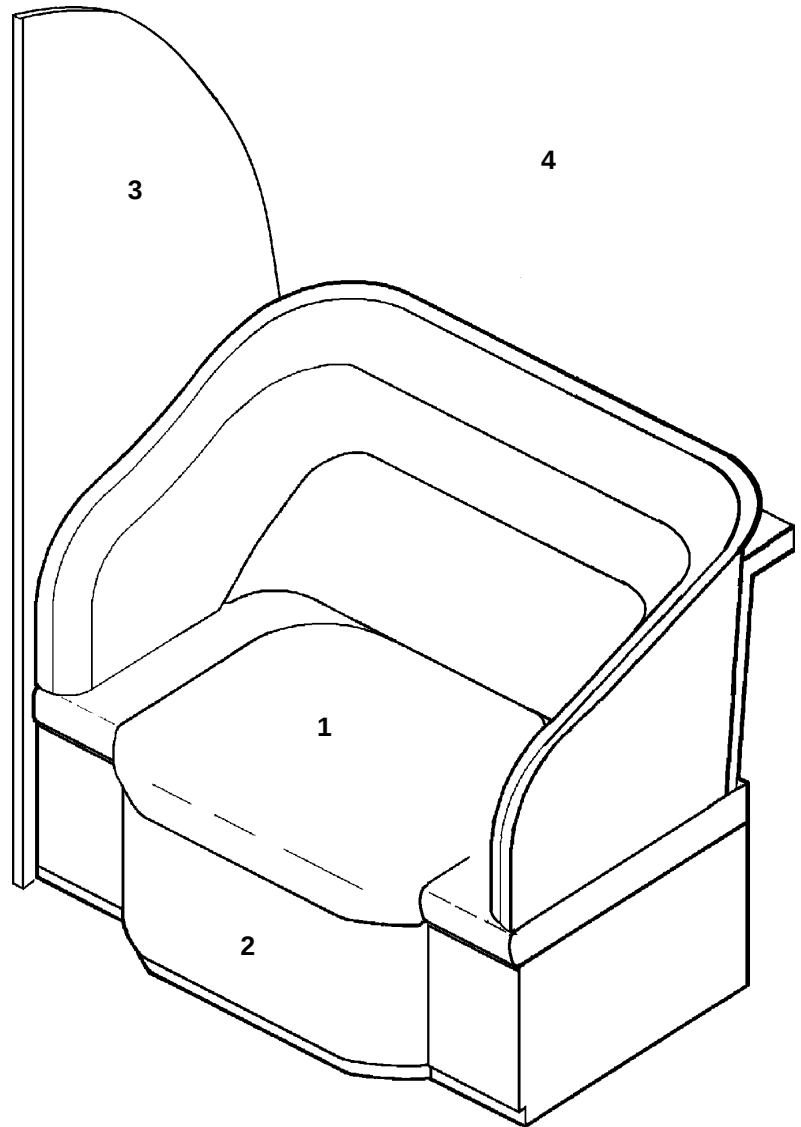
MFG: (CDC) Townsend
NAME: Traditional
NO: CS-CM-136-97T
COLOR: Creme

4. REVEAL

MFG: (CDC) Jim Thompson
NAME: Thai Silk
NO: 190021
COLOR: Ceylon Ivory

**5. DIVIDER DOOR
(FWD & AFT SIDES)
(NOT SHOWN)**

MFG: Carl Booth
NAME: Wood Veneer
NO: WS-233
COLOR: Walnut Burl



*Citation II***AFT LAVATORY AREA - LARGE AFT CLOSET****1. AFT BULKHEAD (UPPER AREA)**

MFG:
NAME: Mirror
NO:
COLOR: Bronze

2. AFT BULKHEAD (LOWER AREA)

MFG: Carl Booth
NAME: Wood Veneer
NO: WS-233
COLOR: Walnut Burl

3. HARDWARE FINISH / INLAY

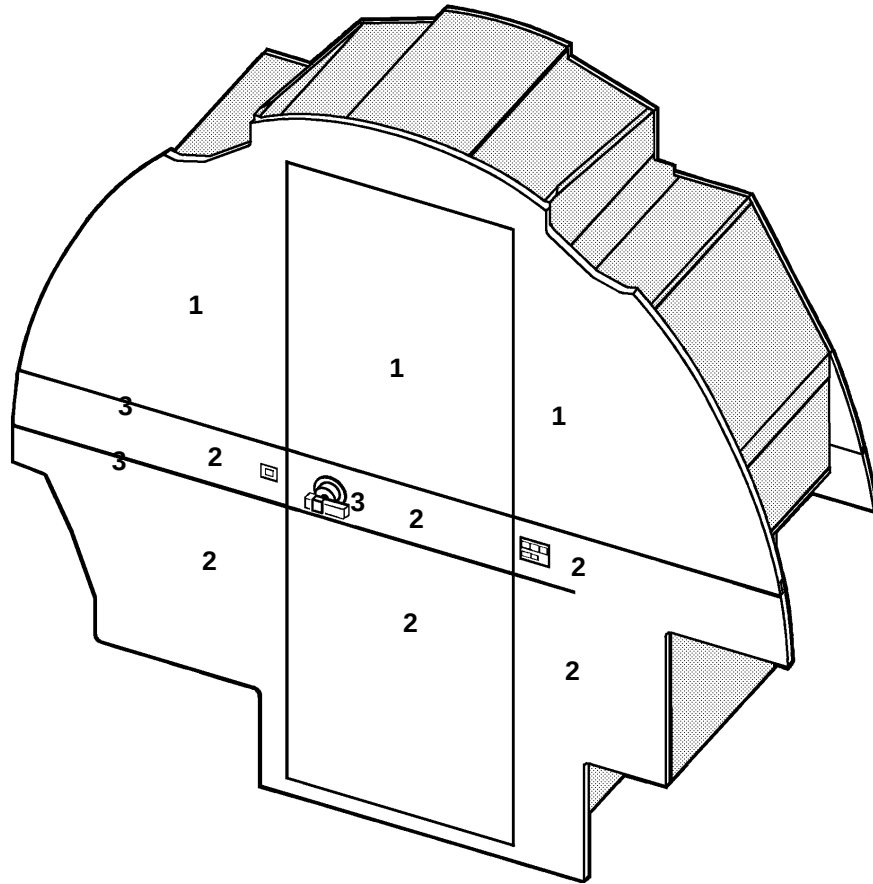
MFG: Quaker City Plating
NAME:
NO: QCP-588
COLOR: Satin Blush White Gold

**4. CLOSET LINING / SHELVES
(NOT SHOWN)**

MFG: Wilsonart
NAME: Matte Laminate
NO: D50-60
COLOR: Khaki Brown

5. CLOSET FLOOR (NOT SHOWN)

MFG: Wilsonart
NAME: Matte Laminate
NO: D50-60
COLOR: Khaki Brown





TAILCONE BAGGAGE COMPARTMENT

1. BAGGAGE COMPARTMENT LINING

MFG:

NAME: Concourse

NO: C014

COLOR: Medium Gray

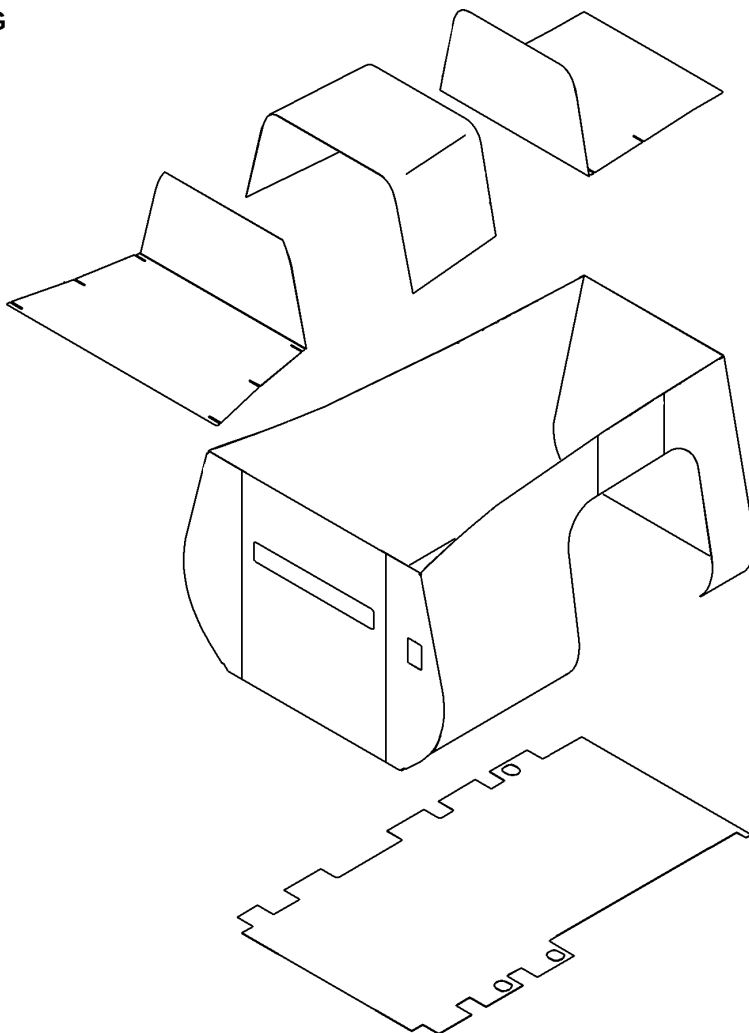
2. BAGGAGE RESTRAINT WEBBING

MFG:

NAME:

NO:

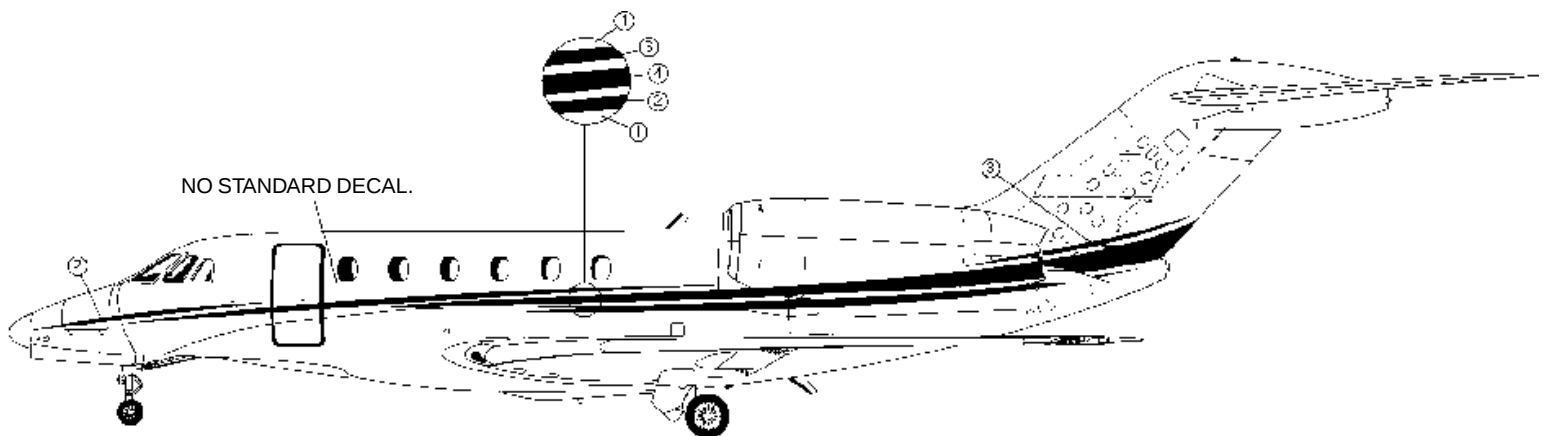
COLOR: Gray



CESSNA AIRCRAFT COMPANY

MODEL 750

INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Citation II

UNIT NUMBER: 750-0107

REGISTRATION NUMBER:	DATE: 9/29/99	PAINT CODE	COLOR
LOCATION: TAIL	SIZE: 12"	DRAWN BY: D. RAMSEY	1 810-002 SNOW WHITE
STYLE: SLANT			2 MO-10653 HARVEST GOLD
	EMERGENCY DOOR MARKINGS:		3 MO-150 ANTIQUE SILVER
COLOR: CHARCOAL GRAY SHADOW	HARVEST GOLD		4 MO-250 CHARCOAL GRAY SHADOW
W/HARVEST GOLD SHADOW			5
	☒ SPECIAL ☐ STANDARD		6
	Scheme the Same as 750-103		7

CESSNA AIRCRAFT COMPANY

MODEL 750

INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

INTERIOR PLACARDS

Part Number	Description	Standard/Option	Location
4616018-1	DATA MONITOR PLACARD ASSY	S	DROPPED AISLE
4919043-1	SILKSCREEN-LATCH SLIDING DOORS	S	FWD DIVIDERS
4611185-15	JUMPSEAT PIN PLACARD	O	LH FWD CLOSET
4611185-21	JUMPSEAT PLACARD	O	LH FWD CLOSET
4711060-8	SILKSCREEN-JUMPSEAT INSTRUCTIONS	O	LH FWD CLOSET
4919052-8	FIRE EXTINGUISHER SILKSCREEN	S	LH FWD CLOSET
4919053-11	OXYGEN BOTTLE SILKSCREEN	S	LH FWD CLOSET
4919044-1	CLOSE DRAWERS SILKSCREEN	S	RH FWD GALLEY
4919058-2	TRASH CONTAINER SILKSCREEN	S	RH FWD GALLEY
4919058-3	TRASH CONTAINER SILKSCREEN	S	RH FWD GALLEY
4616002-1	DECAL, DOOR, OPEN	S	CABIN DOOR
4616002-2	DECAL, DOOR, LOCK	S	CABIN DOOR
4616002-3	DECAL, DOOR, PULL	S	CABIN DOOR
4616004-1	PRECATCH PLACARD ASSY	S	CABIN DOOR
4616005-1	RELEASE HANDLE PLACARD ASSY	S	CABIN DOOR
4699043-3	DOOR PLACARD	S	CABIN DOOR
4699043-5	DOOR PLACARD	S	CABIN DOOR
4919062-1	LIFEVEST SILKSCREEN	S	SEATS
4616016-1	SILKSCREEN-THREE PLACE SOFA	O	THREE PLACE SOFA
4616016-2	THREE PLACE SOFA PLACARD	O	THREE PLACE SOFA
4690059-2	SILKSCREEN-MONITORS	O	SIDELEDGES
4919055-1	STOW TABLE SILKSCREEN	S	SIDELEDGES
4616012-1	DITCHING INFO SILKSCREEN	S	PSU
4616007-1	WINDOW SHADE SILKSCREEN	S	WINDOW SHADES
4616002-4	DECAL, ESCAPE HATCH, OPEN	S	ESCAPE HATCH
4616002-5	DECAL, ESCAPE HATCH, PUSH	S	ESCAPE HATCH
4616006-1	HATCH OPERATION INSTRUCTION	S	ESCAPE HATCH
4919056-2	PLACARD-EXIT REMOVE COVER	S	ESCAPE HATCH
4616014-1	LIFE RAFT PLACARD ASSY	O	AFT BULKHEAD CLOSET
4616025-1	PLACARD-ON SHLEF OVER J-BOX	S	AFT BULKHEAD CLOSET
4616012-2	WATER BARRIER PLACARD ASSY	S	WATER BARRIER
4616012-5	WATER BARRIER PLACARD ASSY	S	WATER BARRIER
4616012-8	WATER BARRIER PLACARD ASSY	S	WATER BARRIER
4919243-8	TOILET SERVICE PLACARD	S	RH AFT TOILET

NOTE: Optional placards not installed on all aircraft.

CESSNA AIRCRAFT COMPANY

MODEL 750

INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

INTERIOR PLACARDS

Part Number	Description	Standard/Option	Location
4616008-3	GEAR ACCESS SILKSCREEN	S	LH AFT VANITY
4616015-1	HAND TOWELS SILKSCREEN	O	LH AFT VANITY
4616015-2	110 VOLT OUTLET SILKSCREEN	O	LH AFT VANITY
4616015-3	TOILET TISSUE SILKSCREEN	S	LH AFT VANITY
4616015-4	FACIAL TISSUE SILKSCREEN	O	LH AFT VANITY
4616015-5	ELECTRICAL OUTLET SILKSCREEN	O	LH AFT VANITY
4919058-4	TRASH CONTAINER SILKSCREEN	S	LH AFT VANITY
4919061-4	NO SMOKING IN LAVATORY SILKSCREEN	S	AFT DIVIDERS
4919061-5	NO SMOKING IN LAVATORY SILKSCREEN	S	AFT DIVIDERS
4616003-4	SKI COMPARTMENT PLACARD ASSY	S	BAGGAGE COMP.
4616013-1	BAGGAGE COMP. WEIGHT PLACARD	S	BAGGAGE COMP.
4616024-1	POWER SUPPLY PLACARD ASSY	S	POWER SUPPLY
4616024-4	AIRSHOW PLACARD ASSY	S	AIRSHOW GENESYS
4616024-7	STEREO AMP PLACARD ASSY	S	STEREO AMPLIFIER
4616024-9	DC CONVERTER PLACARD ASSY	S	DC CONVERTER
4616024-11	A/V CONTROLLER PLACARD ASSY	S	A/V CONTROLLER UNIT
4616024-13	CD CHANGER PLACARD ASSY	S	CD CHANGER
4616024-15	FAU PLACARD ASSY	S	FAU UNIT
4616024-17	CABIN MANAGEMENT PLACARD ASSY	S	MANAGEMENT MODULE
4616024-19	AC INVERTER PLACARD ASSY	S	AC INVERTER
4616024-21	TRANSFORMER PLACARD ASSY	S	ISOLATION TRANS.
4616024-23	CALL ALERTER PLACARD ASSY	S	CALL ALERTER
4616024-25	CDBR PLACARD ASSY	S	CDBR UNIT
4616024-27	AIRSHOW BRIEFER PLACRD ASSY	S	AIRSHOW GENESYS

NOTE: Optional placards not installed on all aircraft.

CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Subject	Forward	Maintenance	Parts
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 Flight Compartment

Control Wheel Emblem	25-10-01	25-10-02
Pedestal Panel Covers	25-10-03	25-10-04
Crew Seats	25-10-05	25-10-06
Jepp Case	25-10-07	25-10-08
Cockpit Window Trim	25-10-09	25-10-10
Cockpit Overhead	25-10-11	25-10-12
Handset	25-10-13	25-10-14
Sunvisor	25-10-15	25-10-16
Cockpit Assist Handle	25-10-17	25-10-18
Sonalert Signal	25-10-19	25-10-20
Flashlight Charger Instl	25-11-01	25-11-02

CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

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CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

CONTROL WHEEL EMBLEM - MAINTENANCE

1 General

- A. This section covers the control wheel emblem maintenance.

2 Control Wheel Emblem Removal / Installation

A. Remove Control Wheel Emblem

- (1) Control wheel emblem is held in place by adhesive backing, to remove carefully pull it loose from face pad.

B. Install Control Wheel Emblem

- (1) Remove protective backing from adhesive side of new emblem.

NOTE: Do not contact unprotected adhesive. It must be free of any debris to ensure good adhesion.

- (2) Using notch on emblem, align with notch on face pad.

- (3) Firmly press emblem to face pad.

3 Face Pad Removal / Installation

- A. The face pad snaps into place on the control wheel.

4 Chart Holder Assembly

- A. The chart holder consists of a clip, bracket, and cover.

B. Chart Holder Assembly Removal

- (1) Remove the chart holder assembly by sliding forward, loose from the control wheel assembly.

- (2) Remove screw securing clip to bracket and remove bracket.

- (3) Remove the nut securing cover plate to clip, and remove cover.

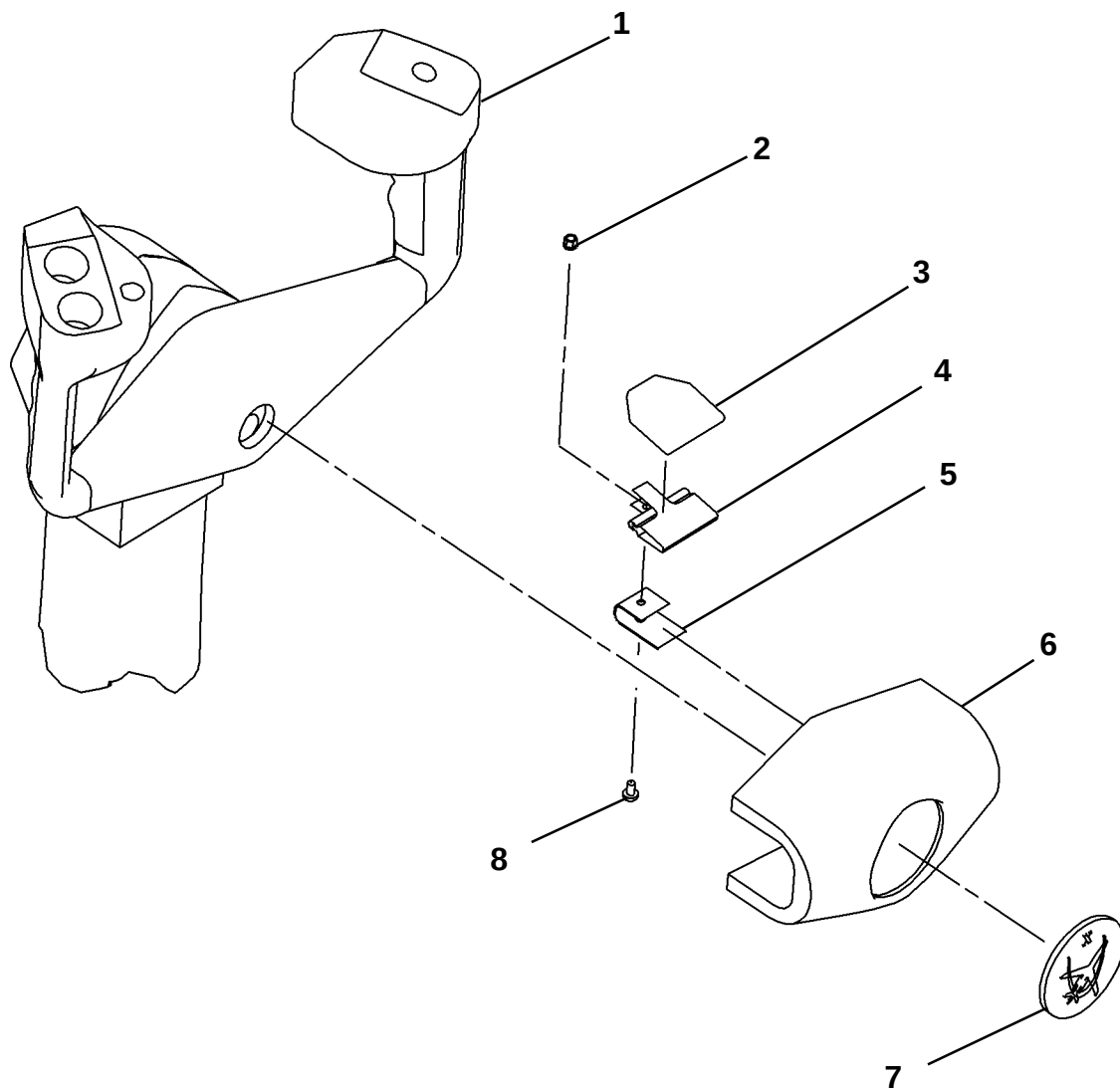
C. Chart Holder Assembly Installation

- (1) Secure cover plate to clip with nut.

- (2) Secure clip to bracket with screw.

- (3) Attach chart holder assembly by aligning with control wheel and sliding aft, snapping into place.

CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

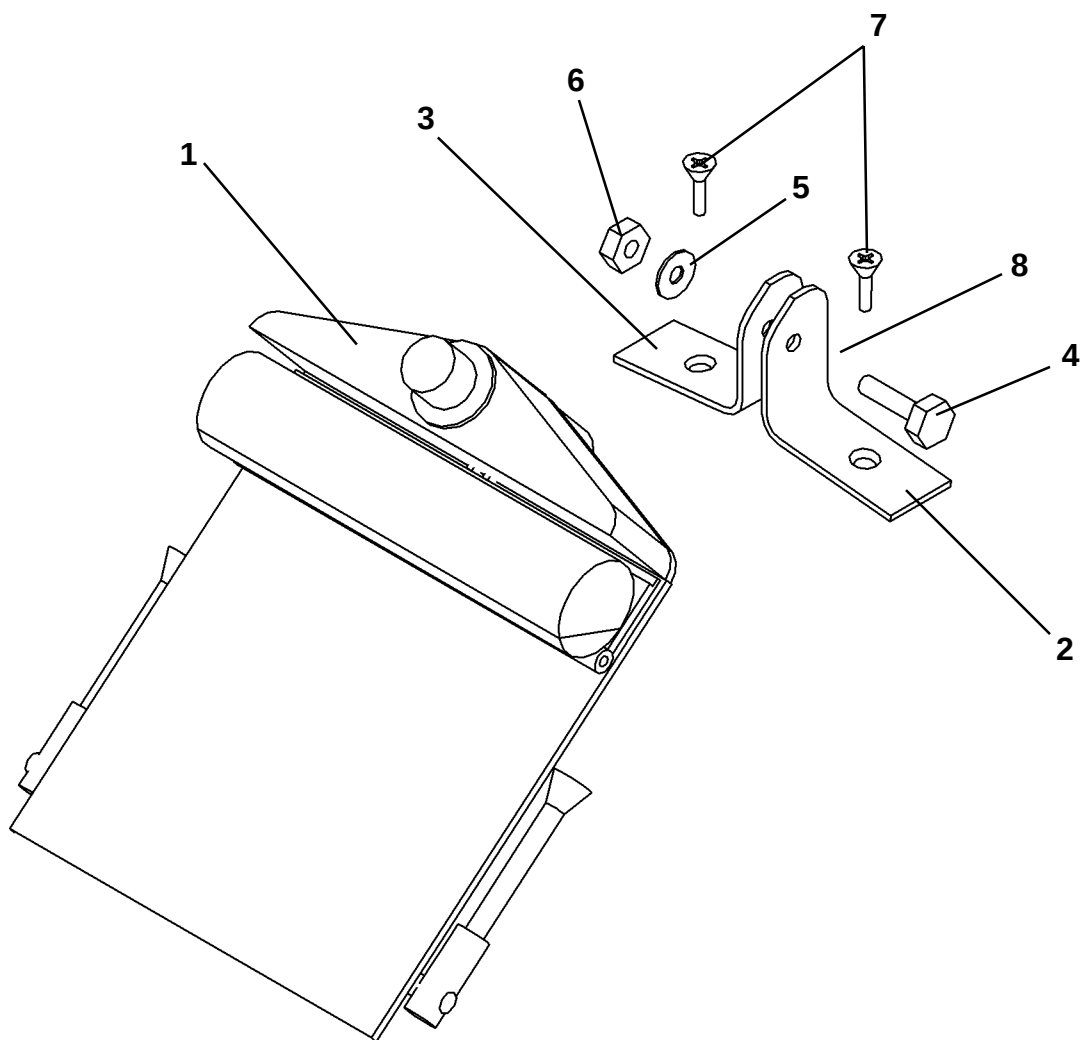


CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

No.	Part Number	Description	Vendor
-	4611046-1	EMBLEM INSTL	
1	- - -	CONTROL WHEEL	
2	MS27039-0805	SCREW	
3	6219063-3	COVER	
4	5519128-4	CLIP	
5	6219063-2	CLIP SUPPORT	
6	6219059-3	FACE PAD	
7	9914182-1	PLACCARD	
8	MS21042-08	NUT	

NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG



CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

No.	Part Number	Description	Vendor
-	4919343-1	CHART HOLDER INSTL	MIAN
1	10-62-01	CHARTHOLDER	
2	4919343-2	RH BRACKET	
3	4919343-3	LH BRACKET	
4	MS35206-266	SCREW, MACHINE, PAN	
5	AN960-10	WASHER	
6	MS21044C3	NUT	
7	MS35206-236	SCREW	
8	S1438-2	WASHER	

NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

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CESSNA AIRCRAFT COMPANY
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INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

PEDESTAL PANEL COVERS - MAINTENANCE

1. Description

- A. Five upholstery panels are provided along both sides of the flight compartment. They incorporate padding and have an upholstery covering. They are held in place with fasteners and Velcro tape. The armrest upholstery panel is bonded to the upper edge of the side console. Two pedestal covers are installed along each side of the pedestal. They have an upholstery covering.

2. Upholstery Panel Removal/Installation

NOTE : The upholstery panels should be removed in proper sequence. The upper side upholstery panel should be removed first followed by the circuit breaker upholstery panel and then the armrest upholstery panel. The side console upholstery panel can be removed and installed independently. During installation the armrest upholstery panel goes on first since it is bonded to the top edge of the side console.

A. Upper Side Upholstery Panel Removal / Installation

(1) Remove Upper Side Upholstery Panel

- (a) Remove window trim as necessary to gain access to top side upholstery panel. (Refer to section 25-10-09)
- (b) Remove upper side upholstery panel secured with Velcro tape.

(2) Install Upper Side Upholstery Panel

NOTE : Ensure circuit breaker upholstery panel is installed prior to installing top side upholstery panel.

- (a) Position upper side upholstery panel and secure with Velcro tape.
- (b) Install window trim. (Refer to section 25-10-09)

B. Circuit Breaker Upholstery Panel Removal / Installation

(1) Remove Circuit Breaker Upholstery Panel

- (a) Remove two screws securing Electroluminescent (EL) panel from aft top side of circuit breaker upholstery panel and remove EL panel.
- (b) Remove trim ring from Wemac fixture and screws.
- (c) Remove MAP LIGHT knob by loosening Allen set screw.
- (d) Remove circuit breaker electroluminescent panel.
- (e) Remove circuit breaker upholstery panel held on with Velcro tape.

(2) Install Circuit Breaker Upholstery Panel

NOTE : Ensure armrest upholstery panel is installed prior to installing circuit breaker upholstery panel.

- (a) Position circuit breaker upholstery panel and secure with Velcro tape.
- (b) Install circuit breaker electroluminescent panel.
- (c) Install MAP LIGHT knob and secure with Allen set screw.
- (d) Secure to Wemac fixture and trim ring with screws.
- (e) Position electroluminescent panel to top of circuit breaker upholstery panel and secure with two screws.

CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

PEDESTAL PANEL COVERS - MAINTENANCE

C. Armrest Upholstery Panel Removal / Installation

(1) Remove Armrest Upholstery Panel

- (a) Remove ash tray and screw securing ash tray receptacle. Remove ash tray receptacle.
- (b) Remove screw securing cup holder and remove cup holder.
- (c) Remove safety wire from hand wheel and drive number 40 out with a punch. Remove hand wheel. (Pilot side only)
- (d) Remove AIRSPEED LIMITATIONS placard and placard retainer.
- (e) Remove side console upholstery panel.
- (f) Remove adhesive securing inboard side of armrest upholstery panel to top edge of side console structure.
- (g) Remove armrest upholstery panel secured on outboard side by fasteners.
- (h) If applicable modify armrest flange as follows :
 - (1) Radius armrest flange to match circuit breaker panel(s) mounting screws.

NOTE : The reason for this modification is to allow the removal and installation of the circuit breaker panel(s) without removing the arm rest.

(2) Install Armrest Upholstery Panel

NOTE : Side console panel must be removed prior to installing armrest upholstery panel.

- (a) Install armrest upholstery panel with fasteners along outboard edge.
- (b) Apply class II adhesive to top edge of side console structure and bond inboard edge of armrest upholstery panel material to edge.
- (c) Position AIRSPEED LIMITATIONS placard retainer and secure with screws. Install AIRSPEED LIMITATIONS placard.
- (d) Install hand wheel and secure with pin and safety wire.
- (e) Install cup holder and secure with screw.
- (f) Install ash tray receptacle and secure with screw. Install ash tray.
- (g) Install side console upholstery panel.

D. Side Console Upholstery Panel Removal / Installation

(1) Remove Side Console Upholstery Panel

- (a) Remove pilot and/or co-pilot seat. (Refer to section 25-10-05)
- (b) Remove side console upholstery panel.

(2) Install Side Console Upholstery Panel

- (a) Position side console upholstery panel and secure with fasteners and Velcro tape.
- (b) Install pilot and copilot seat. (Refer to section 25-10-05)

CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

PEDESTAL PANEL COVERS - MAINTENANCE

E. Cowl Upholstery Panel Removal / Installation

- (1) Remove cowl upholstery panel by separating the attaching Velcro fasteners.
- (2) Install cowl upholstery panel by aligning the panel and pressing the Velcro fasteners.

F. Pedestal Covers Removal / Installation

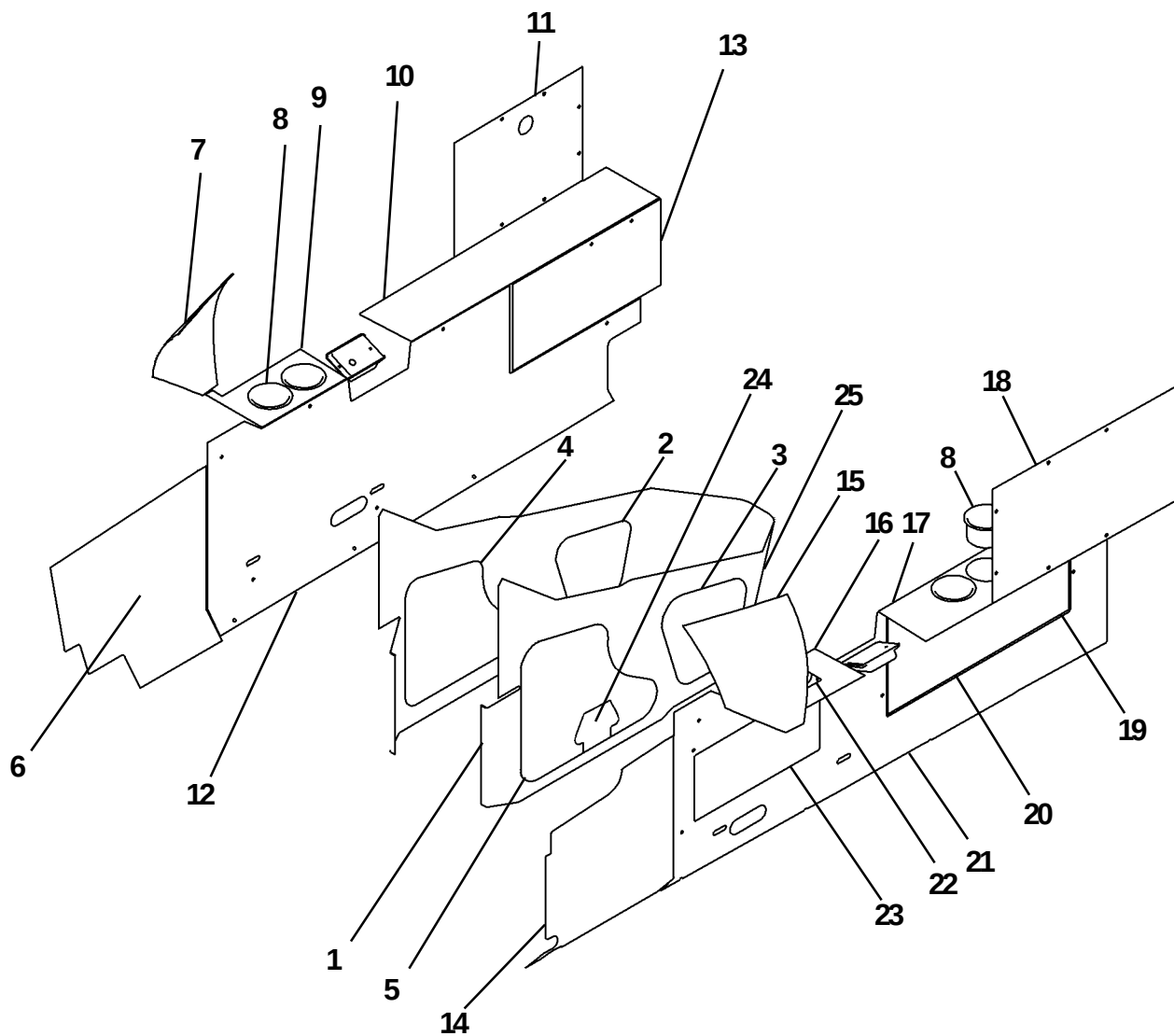
(1) Remove Pedestal Covers

- (a) Remove pilot / co-pilot seats as necessary to gain access to pedestal covers. (Refer to section 25-10-05)
- (b) Remove screws securing pedestal covers and remove covers.

(2) Install Pedestal Covers

- (a) Position covers to pedestal and secure with screws.
- (b) Install pilot / co-pilot seats. (Refer to section 25-10-05)

CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG



CESSNA AIRCRAFT COMPANY
MODEL 750
 INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

No.	Part Number	Description	Vendor
-	4611047-2	CENTER PANEL INSTL	
-	4611269-2	RH SIDE PANEL INSTL	
-	4611269-1	LH SIDE PANEL INSTL	
1	4611377-1	CENTER PEDESTAL COVER	
2	4611085-2	COVER-RH, ACCESS PLATE	
3	4611085-3	COVER-LH, ACCESS PLATE	
4	4611085-6	COVER-RH, ACCESS PLATE	
5	4611377-2	COVER-LH, ACCESS PLATE	
6	4611268-18	COWL PANEL ASSY - RH	
7	4611050-4	SIDE PANEL, FWD, CKPT, RH	
-	4919069-2	SILKSCREEN CKPT S/PNL RH	
8	4811861-1	CUP HOLDER	
-	5514800-118	PAD	
-	MS24693S28	SCREW	
9	4611164-12	ARMREST PANEL ASSY - RH FWD	
-	---	OXYGEN MASK	
10	4611164-14	ARMREST PANEL ASSY - RH AFT	
11	4611268-8	UPR UPHOL PANEL ASSY - RH	
12	4611268-4	LWR UPHOL PANEL ASSY - RH	
13	4611164-10	LWR UPHOL PANEL ASSY - RH	
14	4919011-89	COWL PNL ASSY, LH	
15	4611050-5	SIDE PANEL, FWD, CKPT, LH	
-	4919069-1	SILKSCREEN CKPT S/PNL LH	
16	4611268-11	ARMREST PANEL ASSY - LH FWD	
-	---	OXYGEN MASK	
17	4611164-12	ARMREST PANEL ASSY - LH AFT	
18	4611164-9	UPR UPHOL PANEL ASSY - LH	
19	4611268-23	LWR UPHOL PANEL ASSY - LH FWD	
20	4611268-21	LWR UPHOL PANEL ASSY - LH AFT	
21	4611268-3	LWR UPHOL PANEL ASSY - LH	
22	6219056-32	ESCUTCHEON	
-	S1021A8-10C	SCREW	
23	4611268-5	UPHOL PANEL ASSY - LH POCKET	
-	MS27039-1-06	SCREW	
24	4611377-3	COVER - LH, ACCESS PLATE	
25	4611377-4	COVER PLATE - LH	

NOTE: Parts not available as complete installations

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CREW SEATS - MAINTENANCE

1 General

A Seats.

- (1) Adjustable seats are provided for the pilot and copilot. There are three levers for adjusting the position of the seat. The outboard lever adjusts the seat vertically. The inboard lever adjusts the seat to the desired reclining position. The center lever adjusts the seat forward and aft. A life vest is located in the back pocket of each seat. A fire extinguisher is located below the copilot seat. The seat incorporates a 5-point restraint system with inertia reel.
- (2) See General layout for location.

2 Operations and inspections

A Armrest Operation

- (1) Pull outward and raise or lower to desired position.

B Life Vest Certification

- (1) Life vest needs to be returned to the vendor for inspection and recertification every 12 months. The date of original certification is stamped on the vest.

C Fire Extinguisher Inspection

- (1) Recommended monthly inspections per manufacturers instructions.

3 Remove Crew Seats

NOTE: If interference of the carpet makes it difficult to move the seat(s) on the seat track, it is permissible to neatly trim the carpet away from the track.

NOTE: Care should be taken in removal / installation so as not to damage the fwd cabinetry. Use protective covers on fwd cabinets prior to removal of seat.

A Remove interior furnishings as required to allow movement of seats to cutouts in seat tracks.

B Remove seat stops forward of crew seat.

C Raise lever on seat securing seat in place to allow forward or aft movement as required.

D Position seat so feet match cutouts in seat track

4 Install Crew Seats

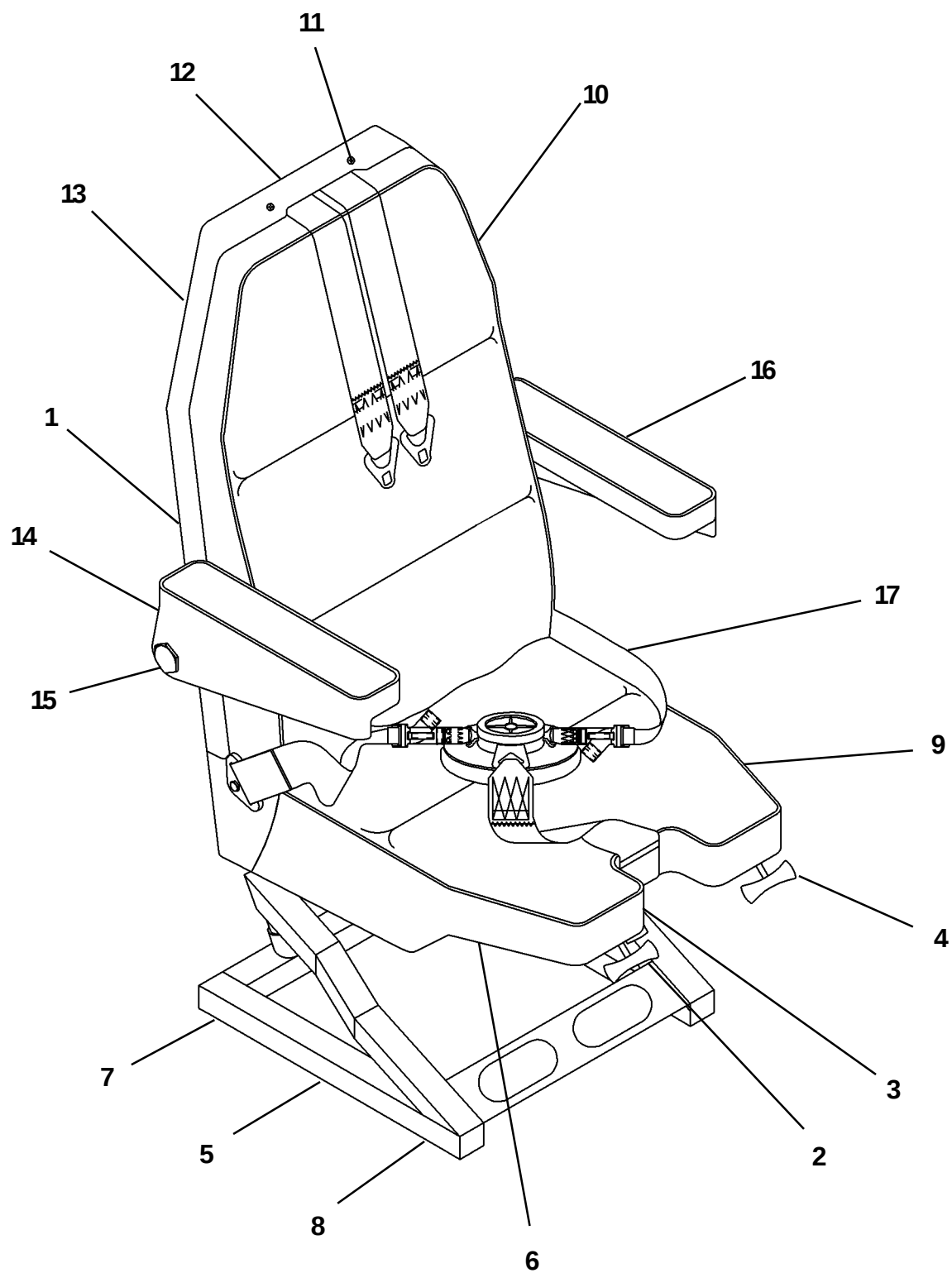
A Position seat with feet of seat base at cutout in seat track and ensure engagement of feet in tracks.

B Roll seat along tracks to position.

C Install seat stops forward of crew seats. Ensure that seat stops are secure on reinstallation.

D Install other interior furnishings removed for access.

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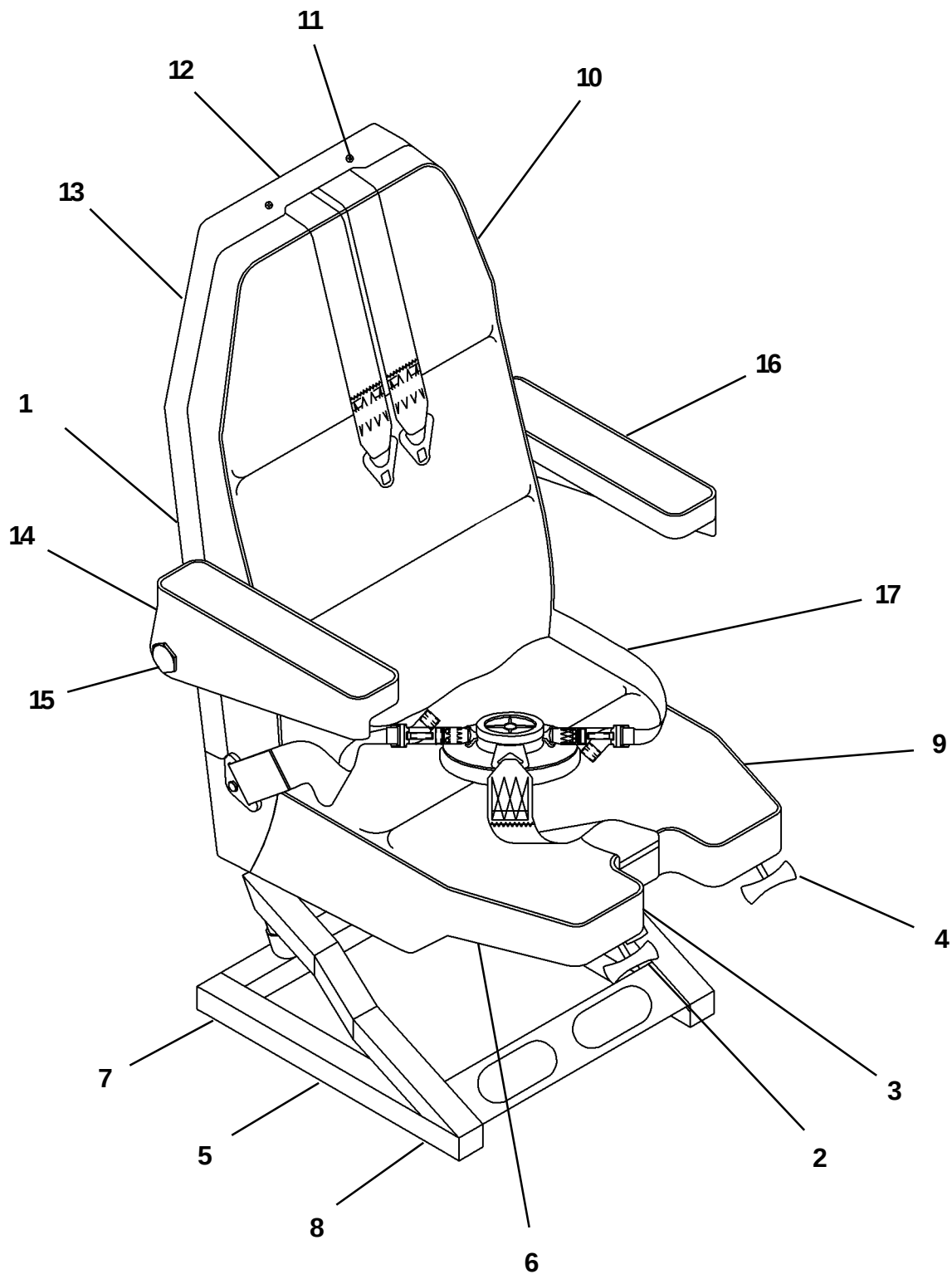
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No.	Part Number	Description	Vendor
-	---	CREW SEATS	
-	4611100-45	CREW SEAT ASSY. LH (SHOWN)	
-	4611008-3	CREW SEAT INSTL. LH (SHOWN)	
-	4611100-46	CREW SEAT ASSY. RH (OPPOSITE)	
-	4611008-4	CREW SEAT INSTL. RH (OPPOSITE)	
-	4690005-1	CREW SEAT LOWER BASE MOD	
1	4611100-45	CREW SEAT UPHOLSTERY-LH	
-	4611100-46	CREW SEAT UPHOLSTERY-RH	
-	P0723E105PA	CREW LIFEVEST	57399
2	4699014-5	CONTROL ASSY (INBD)	
3	MC194-24	CONTROL ASSY-SEAT LOCK (INBD CNTR)	02953
-	MS16633-1025	RING, RETAINING, EXT	
4	4699014-6	CONTROL ASSY (OUTBD)	
5	4611009-45	SEAT STRUCTURE ASSY-LH	
-	4611009-46	SEAT STRUCTURE ASSY-RH	
6	4611011-53	SEAT LOCK ASSY	
-	AN4-14	BOLT	
-	NAS43DD4-40	SPACER	
-	AN310-4	NUT	
-	AN960-416	WASHER	
-	AN960-416L	WASHER	
-	MS24665-229	PIN	
-	4611011-51	LINK	
-	NAS43DD1-28	SPACER	
-	MS20392-1C37	PIN	
-	MS24665-132	COTTER PIN	
-	AN4-10A	BOLT (lower)	
-	AN960-416	WASHER (lower, bolt head)	
7	4611201-3	ROLLER HOUSING (2 ea)	
-	4611011-64	ROLLER (2 ea)	
-	NAS43HT3-91	SPACER (6 ea)	
-	AN23-28A	BOLT (6 ea)	
-	AN960-10	WASHER (bolt head, 6 ea)	
-	CM3224-3	NUT (6 ea)	

NOTE: Parts not available as complete installations

NOTE: Life Vests need to be returned to the vendor for inspection every 12 months. The date of original certification is stamped on the vest.

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No.	Part Number	Description	Vendor
-	- - -	CREW SEATS	
8	4611201-1	ROLLER HOUSING (2 ea)	
-	4611011-63	ROLLER (2 ea)	
-	NAS43HT4-91	SPACER (6 ea)	
-	AN23-30A	BOLT (6 ea)	
-	AN960-416	WASHER	
-	MS35333-40	LOCK-WASHER (6 ea)	
-	CM3224-4	NUT (6 ea)	
9	4611100-38	BOTTOM ASSY	
10	4611100-35	BACK ASSY	
11	AN525-832R6	SCREW (2 ea)	
12	4711089-14	GUIDE ASSY	
-	MS27039-0808	SCREW (2 ea)	
13	4711089-3	UPHOLSTERY ASSY	
14	4611100-3	ARMREST ASSY RH	
15	5314537-2	BOLT	
-	5514502-18	WASHER	
-	5514502-33	WASHER	
-	5514502-25	SHAFT TUBE ASSY-LH	
-	5514502-26	SHAFT TUBE ASSY-RH	
16	4611100-4	ARMREST ASSY LH	
17	4699007-1	CREW RESTRAINT ASSY-LH	
-	4699007-2	CREW RESTRAINT ASSY-RH	
-	1111459-01	CROTCH STRAP ASSY	45402
-	6219149-19	RETAINER	
-	1111460-03	LAP BELT ASSY	45402
-	1117521-01	REEL & SHOULDER HARNESS	45402

NOTE: Parts not available as complete installations

NOTE: Life Vests need to be returned to the vendor for inspection every 12 months. The date of original certification is stamped on the vest.

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NAVIGATION CHART CASES - MAINTENANCE

1. General

A. This section describes the Map Cases.

(1) Map Case.

- (a) Two map cases are installed on the front side of the forward dividers. They are used to store navigational charts and maps. They are constructed of wood fiber and have a laminate covering.

B. See General layout for locations.

2. Map Case Removal/Installation

NOTE: Removal and Installation for left and right map case is typical.

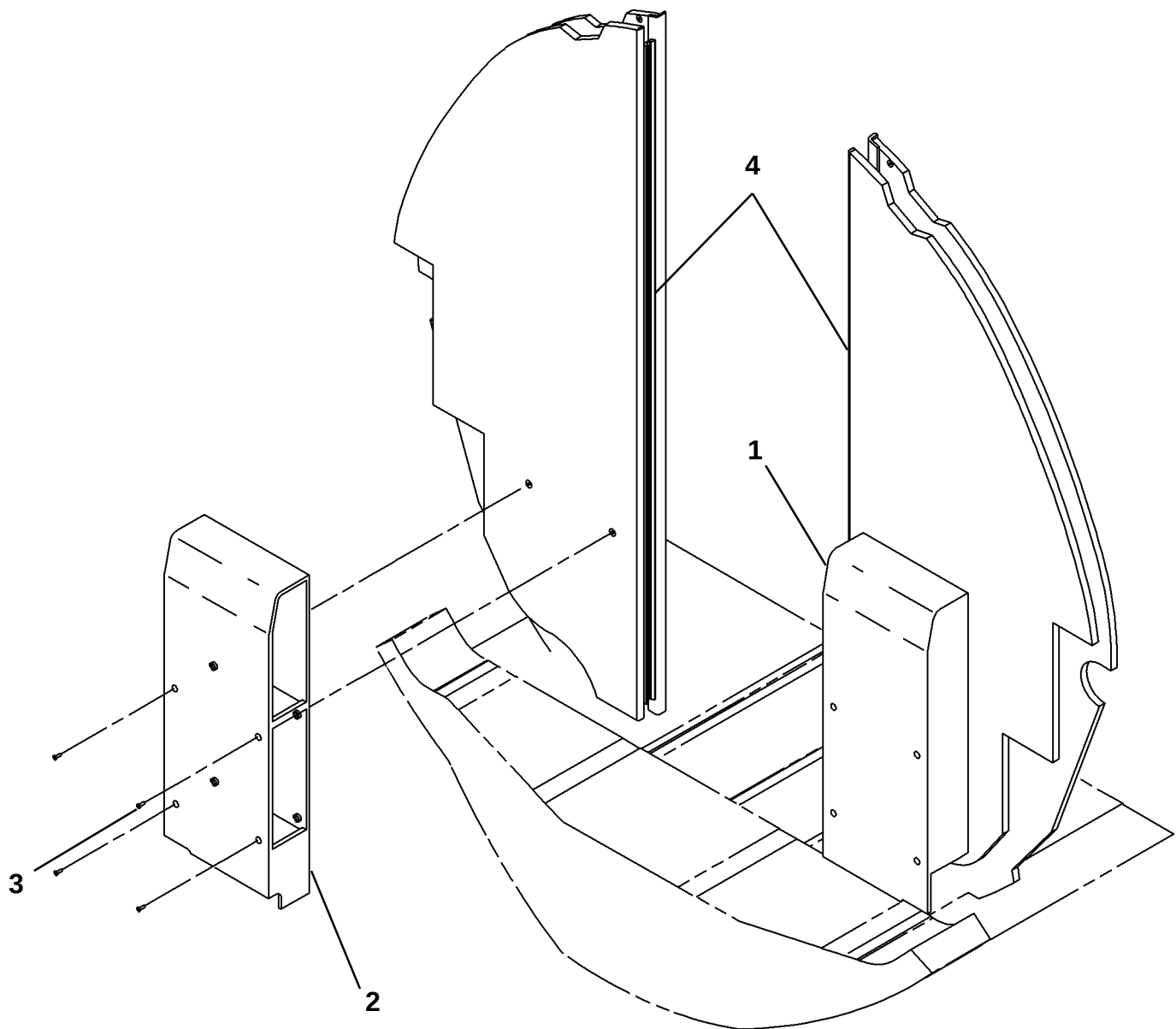
A. Remove Map Case.

- (1) Reposition or remove seats to gain access to screws securing map case to dividers. (Refer to section 25-10-05).
- (2) Remove screws and washers securing map case to dividers.
- (3) Remove map case from airplane.

B. Install Map Case.

- (1) Position map case and secure to forward divider with four screws and washers.
- (2) Install or reposition seats. Refer to section 25-10-05.

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No.	Part Number	Description	Vendor
-	4611325-1,-2	NAVIGATION CHART CASE INSTL LH, RH	
1	4699324-3	NAVIGATION CHART CASE-LH	
-	#10	INSERT THRU (4 ea)	
-	1322-1-32	110 VOLT OUTLET (not shown)	59959
-	1322-1-42	FAX/DATA OUTLET (not shown)	59959
2	4699179-4	NAVIGATION CHART CASE-RH	
-	#10	INSERT THRU (4 ea)	
3	MS24694C52	SCREW (4 ea)	
4	- - -	FWD DIVIDERS	

NOTE: Parts not available as complete installations

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COCKPIT WINDOW TRIM - MAINTENANCE

1. Description

- A. Trim encloses the windows and windshields in the flight compartment. The trim around the aft openable window is bonded in place. The window insert trim around the aft openable window opening is held in place with screws. It is removed first and installed last. The window and windshield trim is held in place with clips secured to the structure as well as screws.

2. Window / Windshield Trim Removal/Installation

NOTE : Install a protective coating to window and windshield prior to performing maintenance.

A. Remove Window / Windshield Trim

- (1) Remove aft openable side window.
- (2) Remove screws securing magnetic compass. Save screws for reinstallation.
- (3) Remove oxygen mask holder, sunvisor, and any brackets or clips for equipment that may be securing trim to structure. Save screws for reinstallation.
- (4) Remove window and windshield trim in the following order:

NOTE : Trim around aft openable window is bonded on with RTV and is normally not removed.

- (a) Remove screws securing the window insert trim from around aft openable window opening and remove trim.
- (b) Remove screws securing forward side window trim and remove trim.
- (c) Remove screws securing windshield trim and remove trim.

B. Install Window / Windshield trim

- (1) Install window and windshield trim in the following order:

NOTE : Use cleco fasteners (number 21) to properly align screw holes.

- (a) Position trim around windshield and secure with screws.
- (b) Position trim around forward side windows and secure with screws.
- (c) Position the window insert trim around aft openable window area and secure with screws.

NOTE : If trim around aft openable window requires replacement, install with RTV 157, Class 5A (gray).

- (2) Install any brackets, clips, sunvisors and oxygen mask holders that were removed.
- (3) Install magnetic compass with screws.
- (4) Install aft openable side window.
- (5) Remove protective coating from windows and windshield.

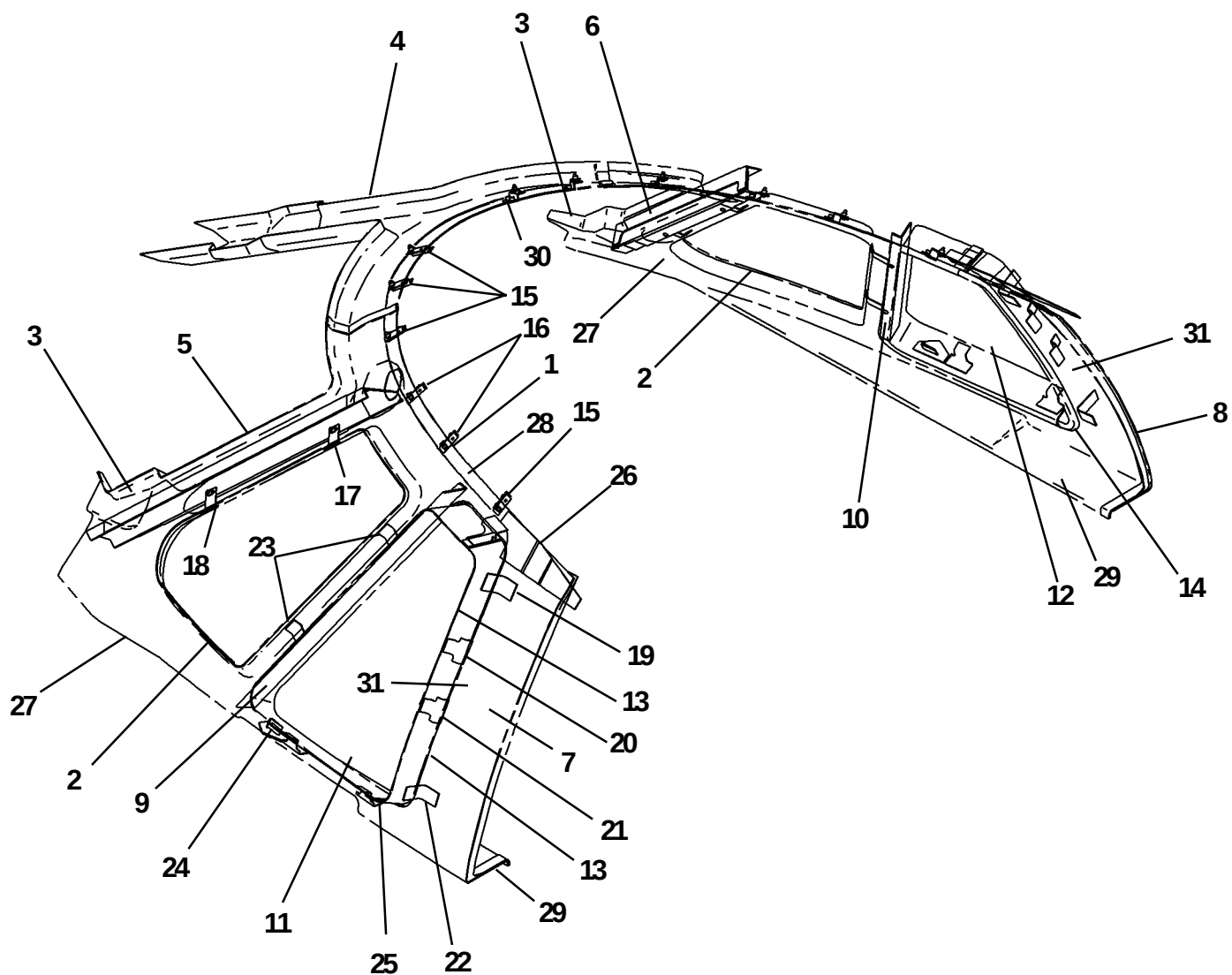
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COCKPIT WINDOW TRIM - MAINTENANCE

C. Openable Window Trim Replacement

- (1) Remove screws securing openable window trim. Retain screws for reinstallation. Remove and discard existing openable window trim.
- (2) Position new aft openable window trim on window frame and drill two number 27 (0.144" diameter) holes through new aft openable window trim to match existing holes in support brackets and secure trim with existing screws.
- (3) Position new forward openable window trim on window frame. Ensure that trim is flat against window frame.
- (4) Trim ends of new forward openable window trim to match jogged ends of new aft openable window trim. Solvent bond trim pieces together.
- (5) Drill three number 27 (0.144" diameter) holes through new forward openable window trim to match existing holes in support brackets and secure trim with existing screws.

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No.	Part Number	Description	Vendor
-	6719149-6	COCKPIT WINDOW TRIM INSTL	
-	4611320-1	COCKPIT TRIM BRACKET INSTL	
1	MS35206-228	SCREW (17 ea)	
-	NAS1329A06-75	RIVNUT (17 ea)	
2	4611045-14	EDGE TRIM	
3	4611045-18	EDGE TRIM	
4	4611067-9	WINDOW TRIM, CENTER	
-	5119405-11	COMPASS CARD	
-	5119405-12	CARD COVER	
-	MS24622-8	SCREW	
5	6719121-21	LH WINDOW TRIM	
6	6719121-22	RH WINDOW TRIM	
7	4611093-31	LH AFT TRIM	
8	4611093-32	RH AFT TRIM	
9	6719123-5	FWD, LH OPENABLE WINDOW TRIM	
10	6719123-6	FWD, RH OPENABLE WINDOW TRIM	
11	6219023-26	LH OPENABLE WINDOW TRIM	
12	6219023-27	RH OPENABLE WINDOW TRIM	
13	6719123-17	AFT, LH OPENABLE WINDOW TRIM	
14	6719123-18	AFT, RH OPENABLE WINDOW TRIM	
15	4611320-4	BRACKET ASSY	
-	MS27039-108	SCREW	
16	4611320-4	BRACKET ASSY	
-	MS27039-0808	SCREW	
17	4611025-7	BRACKET ASSY	
-	MS27039-0810	SCREW	
18	4611025-11	BRACKET ASSY	
-	4611025-10	BRACKET ASSY	
-	MS27039-0810	SCREW	
19	4611025-15	BRACKET	
20	4611025-20	BRACKET	
21	4611025-21	BRACKET	
22	4611025-18	BRACKET	
23	4611025-9	BRACKET	
-	MS27039-0810	SCREW	
24	4611320-6	BRACKET	
-	MS27039-0808	SCREW	
-	S1477-08	NUT	
25	4611025-13	BRACKET	
26	4611025-19	BRACKET	
27	4611045-27	EDGE TRIM	
28	4611120-12	TRIM STRIP	
-	CM3657-2	SCREW (40 ea)	
29	4611045-23	EDGE TRIM	
-	6219238-29	DUCT SEAL	
30	4611320-7	BRACKET ASSY	
31	4611287-1	SMOKE GOGGLE INSTL	
-	MS35206-214	SCREW	
-	S2080-1	HOOK	
-	4611287-2	SMOKE GOGGLE ASSY	
-	4611287-5	PLATE ASSY	

NOTE: Parts not available as complete installations

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COCKPIT OVERHEAD - MAINTENANCE

1 Description

- A. The overhead is located along the top of the flight compartment. It contains cutouts and inserts for air outlets, Wemacs, maplights, floodlights, speakers and a warning horn.

2 Cockpit Overhead Removal / Installation

A. Remove Cockpit Overhead Assembly

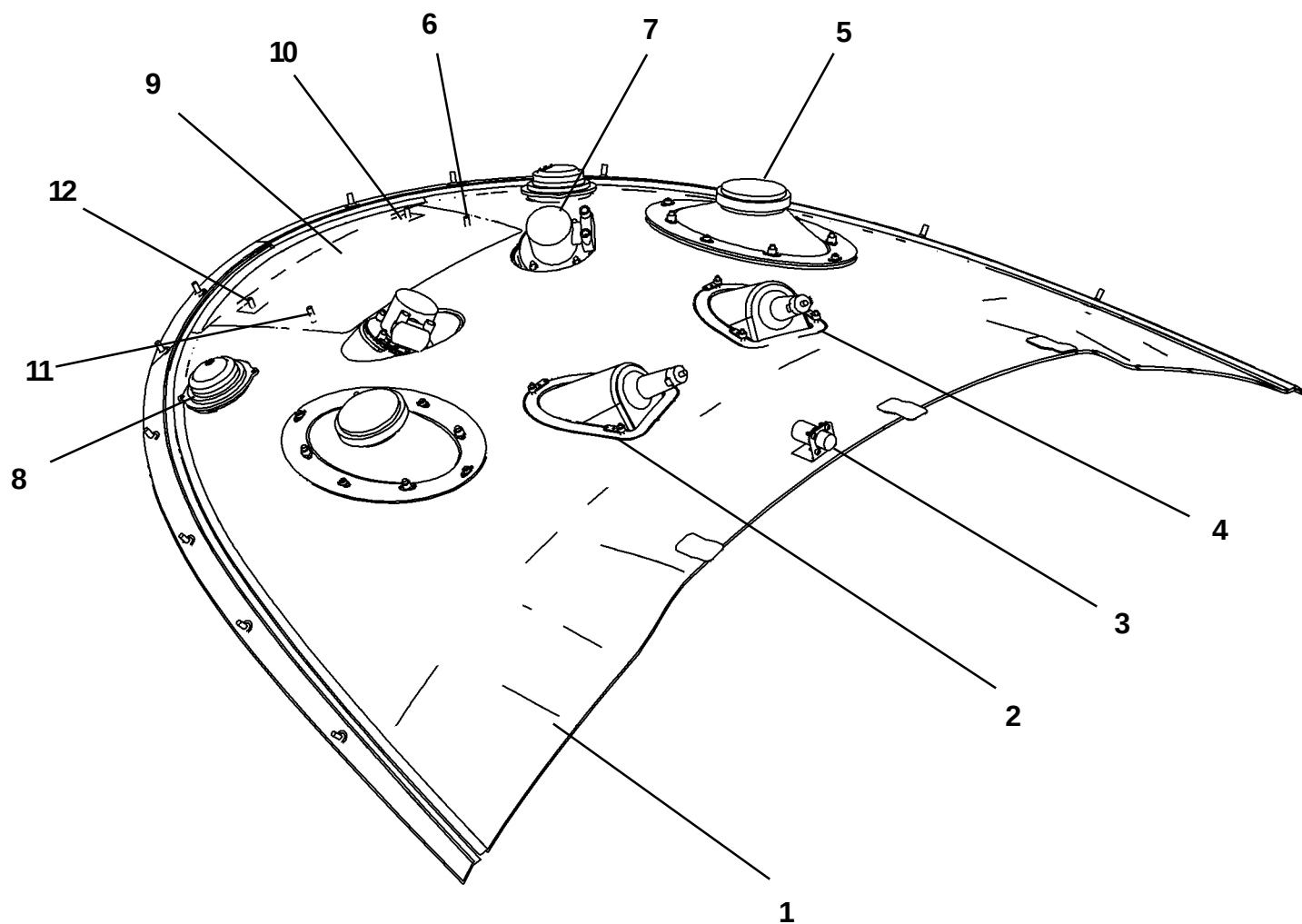
- (1) Disengage COCKPIT FLOOD and MAP LIGHTS circuit breakers.
- (2) Remove window and windshield trim to gain access to screws around headliner. (Refer to section 25-10-09)
- (3) Remove Wemacs from overhead with a Wemac tool.
- (4) Remove screws around edge of overhead and lower overhead assembly.
- (5) Identify, tag, and disconnect wiring for lights, speakers, and warning horn.
- (6) Remove overhead assembly from flight compartment.

NOTE : Do not disturb the air ducts. Misalignment could occur.

B. Install Cockpit Overhead Assembly

- (1) Position overhead assembly and connect wiring for lights, speakers, and warning horn.
- (2) Align overhead assembly with Wemacs openings and secure with screws.
- (3) Install Wemacs with a Wemac tool.
- (4) Install trim around windows and windshields. (Refer to section 25-10-09)
- (5) Engage COCKPIT FLOOD and MAP LIGHTS circuit breakers.
- (6) Operational test floodlights, map lights, speakers, and warning horn.

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No.	Part Number	Description	Vendor
-	4611335-6	COCKPIT OVERHEAD INSTL	
1	4611334-3	COCKPIT OVERHEAD UPHOLSTERY ASSY	
-	4611334-2	COCKPIT OVERHEAD PANEL	
2	4611094-45	LH LIGHT SHROUD	
-	MS35206-231	SCREW	
3	M85528/2-10A	MOUNTING FLANGE	
-	MS35206-215	SCREW	
4	4611094-46	RH LIGHT SHROUD	
-	MS35206-231	SCREW	
5	4611048-4	SPEAKER MOD- COPILOT	
-	MS24694S8	SCREW	
-	4611048-5	SPEAKER MOD- PILOT	
-	MS24694S8	SCREW	
-	4611094-12	SPEAKER GRILL	
-	4611094-13	SPEAKER BEZEL	
-	CM3559-6-12LB	SCREW	
6	4611335-7	BRACKET ASSY	
-	4611335-15	PLATE ASSY	
-	MS27039-1-10	SCREW	
-	NAS1149F0332P	WASHER	
7	2585	CHART LIGHT	83564
-	MS24693S50	SCREW	
-	4611094-50	LIGHT SHROUD	
8	1205-2	AIR VALVE	83564
-	4811884-4	WEMAC ISOLATOR	
9	RSLM5CCM/28	5.6" COCKPIT MONITOR	RPDE
-	4611336-2	MONITOR SHROUD UPHOLSTERY ASSY	
-	MS24694S49	SCREW	
10	4611335-9	BRACKET ASSY	
-	4611335-15	PLATE ASSY	
-	MS27039-1-10	SCREW	
-	NAS1149F0332P	WASHER	
11	4611335-8	BRACKET ASSY	
-	4611335-15	PLATE ASSY	
-	MS27039-1-10	SCREW	
-	NAS1149F0332P	WASHER	
12	4611335-10	BRACKET ASSY	
-	4611335-15	PLATE ASSY	
-	MS27039-1-10	SCREW	
-	NAS1149F0332P	WASHER	

NOTE: Parts not available as complete installations

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HANDSET - MAINTENANCE

1 General

A. This section covers the maintenance of the cockpit handset.

2 Handset Removal / Installation

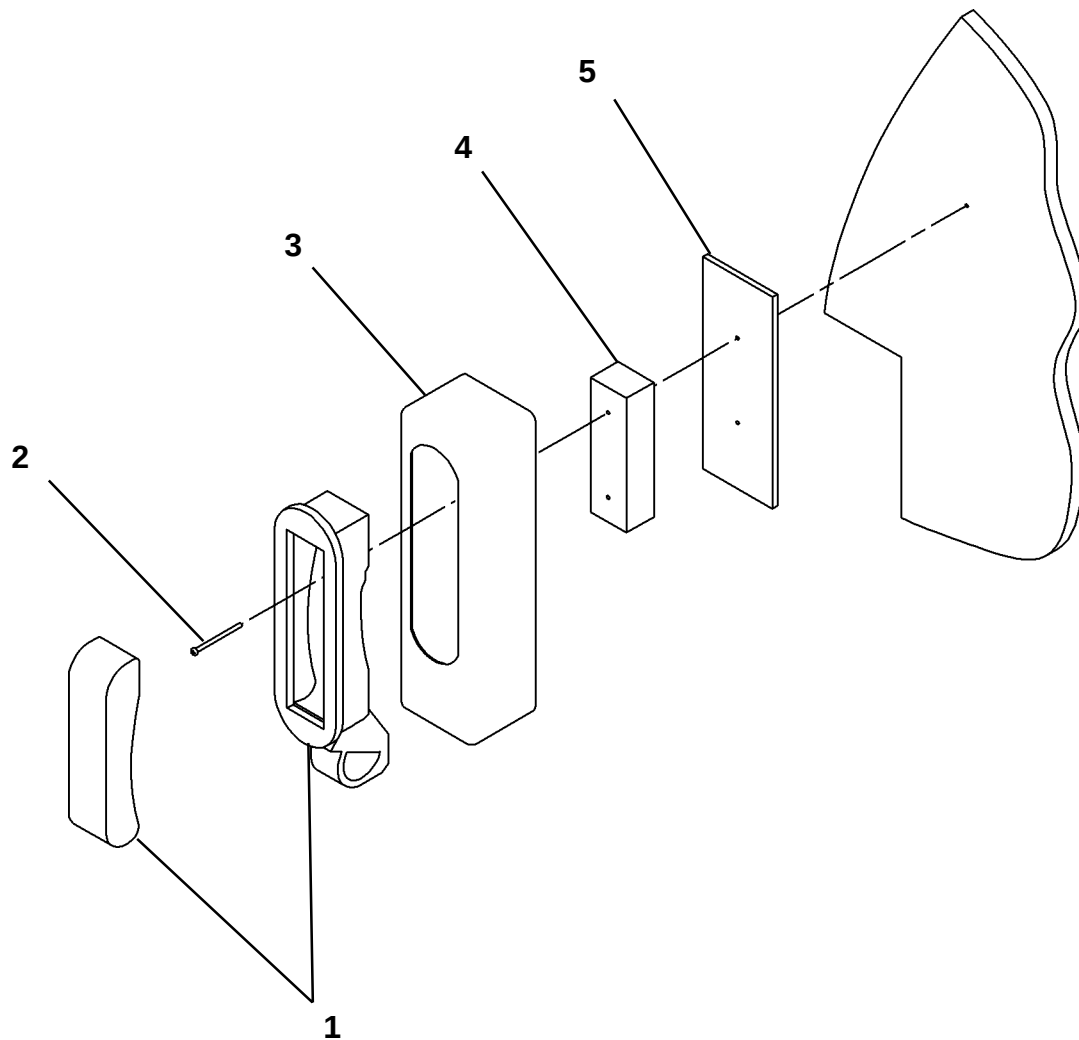
A. Remove Handset

- (1) With handset removed from cradle, remove two screws securing handset assembly to divider.
- (2) With phone assembly removed from divider, remove spacer blocks from back of phone.
- (3) Remove phone assembly from bezel box by unsnapping the upper end and sliding the phone up and out of the bezel box.

B. Install Handset

- (1) Install phone assembly in the bezel box by sliding the lower end (with cord reel) in and down into bezel and snap upper end in place.
- (2) Align two spacer blocks with the back of phone assembly.
- (3) Secure phone assembly to divider with screws and replace handset in cradle.

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No.	Part Number	Description	Vendor
-	4611333-1	HANDSET INSTL	
1	725729-805WH	COCKPIT HANDSET	37695
2	MS35206-330	SCREW	
3	4611333-2	BEZEL BOX	
4	4611333-3	SPACER BLOCK	
5	4611333-4	SPACER BLOCK	

NOTE: Parts not available as complete installations

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SUNVISOR - MAINTENANCE

NOTE : Planes may be equipped with either a monorail sunvisor assembly or telescoping rod sunvisors. This section will cover the maintenance on both. Be sure to refer to the section that corresponds to the proper equipment.

MONORAIL SUNVISOR

1 General

A. This section covers the monorail sunvisor located in the flight compartment.

2 Monorail Sunvisor Removal / Installation

A. Remove Monorail Sunvisor

- (1) Remove the two screws that secure the cockpit assist handle. (Refer to section 25-10-17)
- (2) Remove 8 screws (2 per bracket), that secure the monorail sunvisor to the aircraft structure.
- (3) Remove monorail sunvisor from airplane.

B. Install Monorail Sunvisor

- (1) Align and install monorail sunvisor with 8 screws (2 per bracket), but do not tighten.
- (2) Install assist handle with forward screw through the center bracket of monorail sunvisor.
- (3) Tighten all remaining screws to secure the sunvisor to structure.

TELESCOPING ROD SUNVISORS

1 General

A. The telescoping sunvisor assembly consists of a telescoping rod assembly and shade assembly. The sunvisor utilizes pivot-type installation hardware at the window frame and on the shade assembly.

2 Sunvisor Removal / Installation

A. Remove Sunvisor

- (1) Remove tension adjustment screws from window frame.
- (2) Remove sunvisor assembly.

B. Install Sunvisor

- (1) Position sunvisor assembly to window frame and secure with tension adjustment screws.
- (2) If sunvisor assembly rotates too freely in socket plate tighten tension adjustment screws.

NOTE : If shade assembly telescopes on rod assembly too freely, tighten tension adjustment nut.

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SUNVISOR - MAINTENANCE

TELESCOPING SUNVISOR (CONT.)

3 Nylon Insert Replacement

A. Replace Nylon Insert in Window Frame

- (1) Remove sunvisor assembly.
- (2) Remove trim as necessary to gain access to plate and socket. (Refer to section 25-10-09)
- (3) Remove screws securing top plate to socket plate. Replace nylon insert.
- (4) Install top plate to socket plate and secure with screws.
- (5) Install trim. (Refer to section 25-10-09)
- (6) Install sunvisor assembly.

B. Replace Nylon Insert in Shade Assembly

- (1) Remove two tension adjustment screws securing rod assembly to shade assembly. Replace nylon inserts.
- (2) Position shade assembly to rod assembly and secure with two tension adjustment screws.
- (3) If shade assembly rotates too freely on rod assembly tighten tension adjustment screws.

4 Storage Clip Removal / Installation

A. Remove Storage Clip

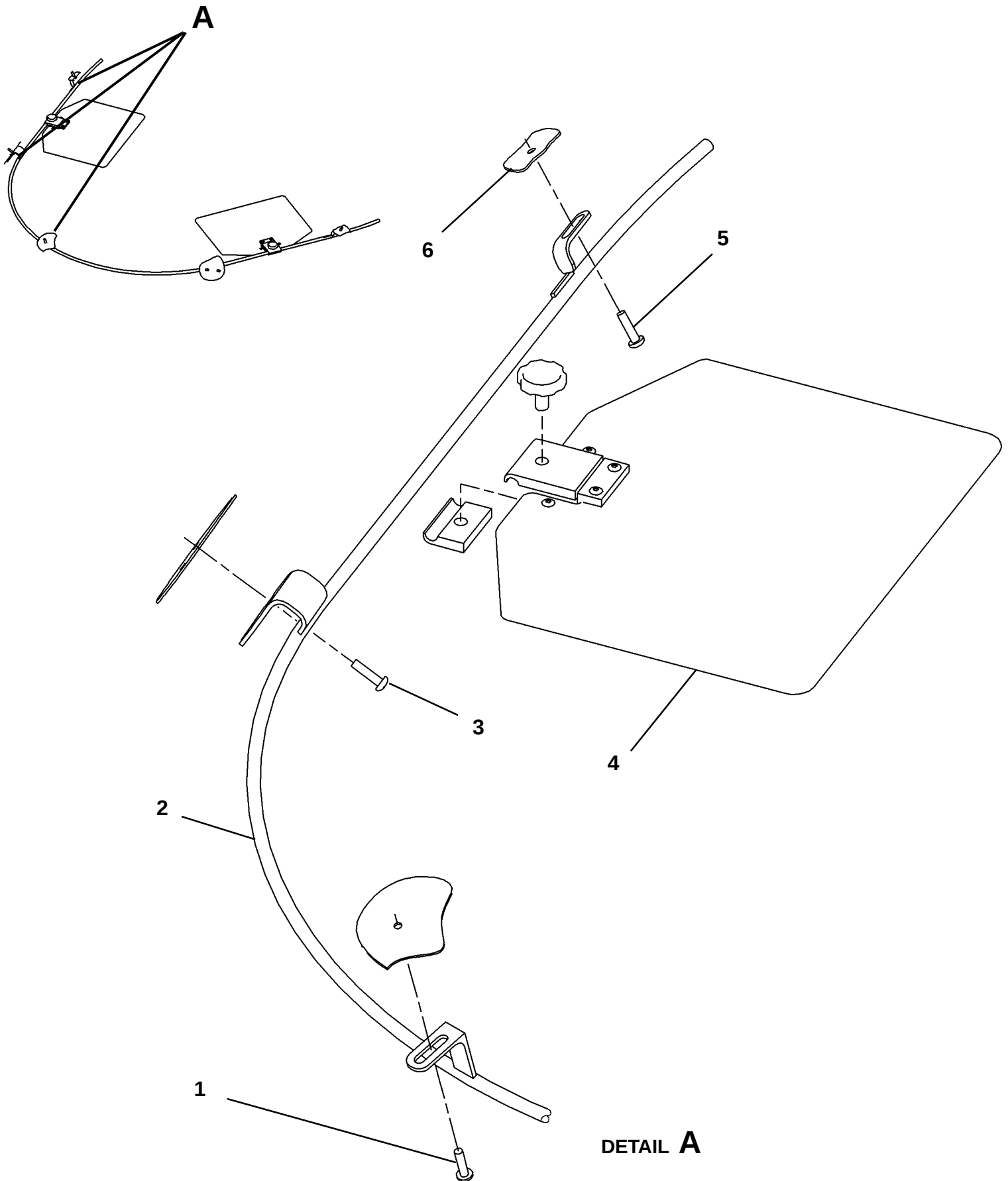
- (1) Remove window trim as necessary to gain access to storage clip. (Refer to section 25-10-09)
- (2) Remove screws securing storage clip and remove clip from structure.

B. Install Storage Clip

- (1) Position storage clip to structure and secure with screws.
- (2) Install window trim. (Refer to section 25-10-09)

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No.	Part Number	Description	Vendor
-	4611384-1	MONORAIL SUNVISOR INSTL	
1	MS27039C1-17	SCREW (existing assist handle)	
2	---	TRACK	
3	AN526C10R12	SCREW	
4	R750-300-1	SUNVISOR KIT	RPDE
5	AN526C10R12	SCREW	
6	---	COCKPIT TRIM	

NOTE: Parts not available as complete installations

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COCKPIT ASSIST HANDLE - MAINTENANCE

1 General

- A.** There is an assist handle provided to ease entry/exit from the crew seats.

2 Cockpit Assist Handle Removal / Installation

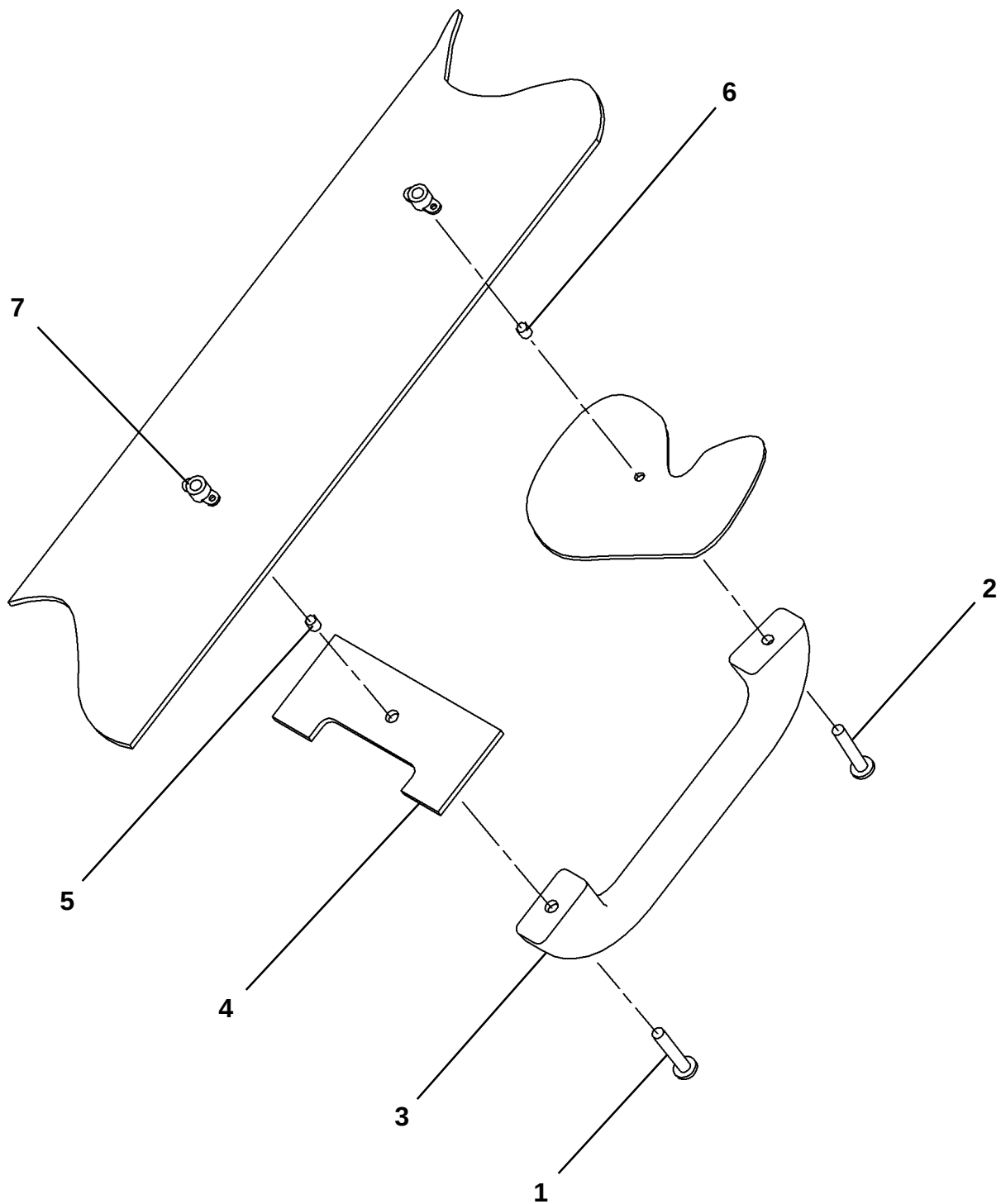
A. Remove Cockpit Assist Handle

- (1) Remove screws securing assist handle. Be sure to retain the screws and spacers.
- (2) Remove assist handle and plate assembly.

B. Install Cockpit Assist Handle

- (1) Ensure alignment of assist handle, plate assembly, and spacers.
- (2) Secure assist handle, plate assembly, and spacers with screws.

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No.	Part Number	Description	Vendor
-	4611223-1	ASSIST HANDLE INSTL	
1	MS27039C1-13	SCREW	
2	MS27039C1-17	SCREW	
3	4611208-1	COCKPIT ASSIST HANDLE	
4	4611223-2	PLATE ASSY	
5	NAS43DD3-10	SPACER	
6	NAS43DD3-29	SPACER	
7	MS21069L3K	NUTPLATE	

NOTE: Parts not available as complete installations

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SONALERT SIGNAL - MAINTENANCE

1 General

- A.** This section covers the Sonalert Signal located in the cockpit overhead assembly, refer to section 25-10-11.

2 Sonalert Signal Removal / Installation

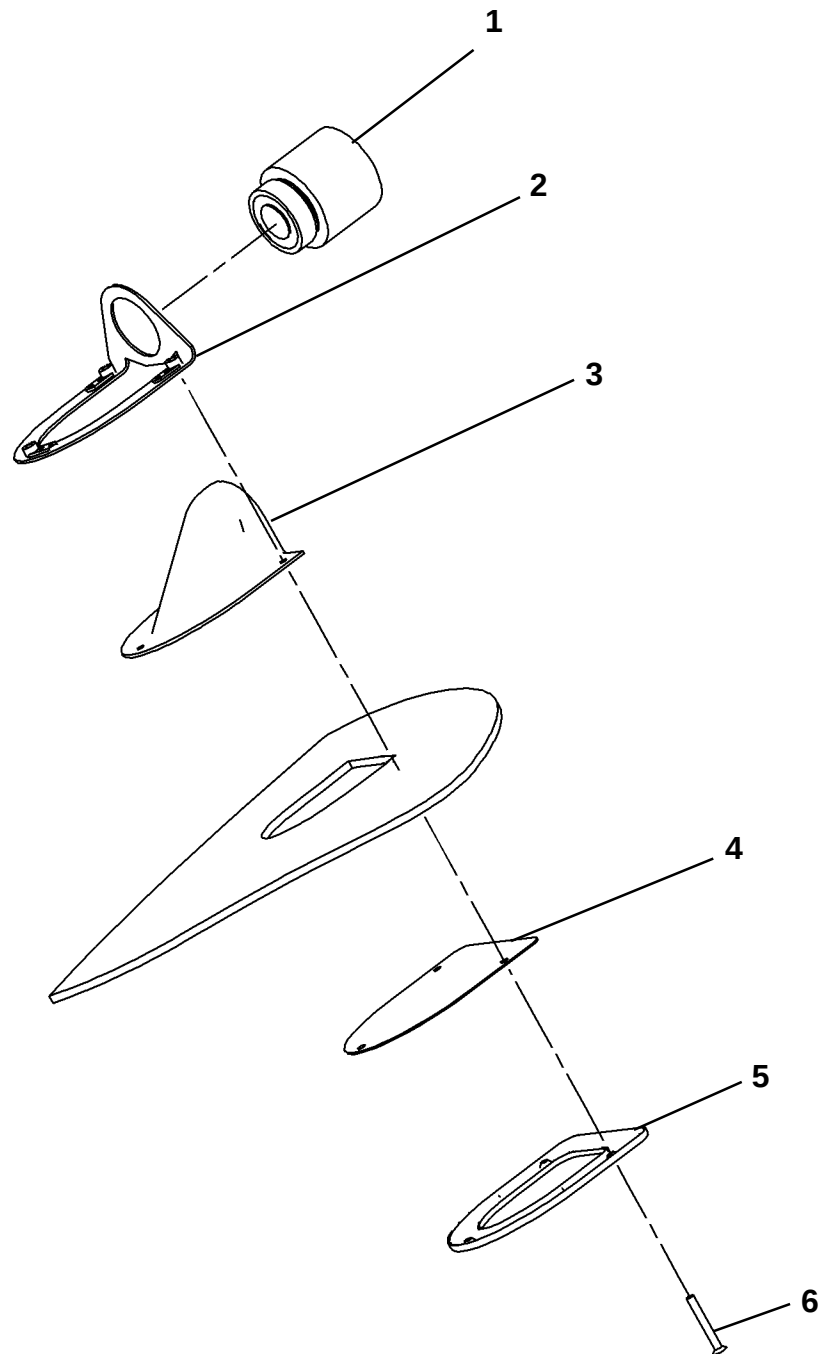
A. Remove Sonalert Signal

- (1) Remove cockpit overhead. (Refer to section 25-10-11)
- (2) Remove three screws that secure cover plate to overhead, and remove cover plate and grill.
- (3) On the upper side of the overhead assembly, the sonalert signal unit can be removed.
- (4) Remove cowlings from nutplate assembly by pulling the forward end down and out.
- (5) Remove nut securing Sonalert signal to nutplate assembly, and remove signal.

B. Install Sonalert Signal

- (1) Secure Sonalert signal to nutplate assembly with nut.
- (2) Align cowlings to nutplate assembly by first inserting the aft end and rocking the forward end up and back into place.
- (3) Align the Sonalert signal unit to upper side of overhead assembly.
- (4) With grill and cover plate aligned on lower side of overhead, and signal unit aligned on upper side of overhead, secure with three screws.
- (5) Install cockpit overhead. (Refer to section 25-10-11)

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No.	Part Number	Description	Vendor
-	4611107-1	SONALERT INSTL	90201
1	SC616CP	SONALERT SIGNAL	
2	4611107-4	NUTPLATE ASSY	
3	4611107-6	COWLING	
4	4611107-3	FRONT GRILL COVER	
5	4611107-2	FRONT COVER PLATE	
6	MS24693S31	SCREW	

NOTE: Parts not available as complete installations

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FLASHLIGHT CHARGER INSTALLATION - MAINTENANCE

1 General

A. This section covers the Flashlight Charger located on the left hand Jepp case in the cockpit.

2 Flashlight Charger Removal / Installation

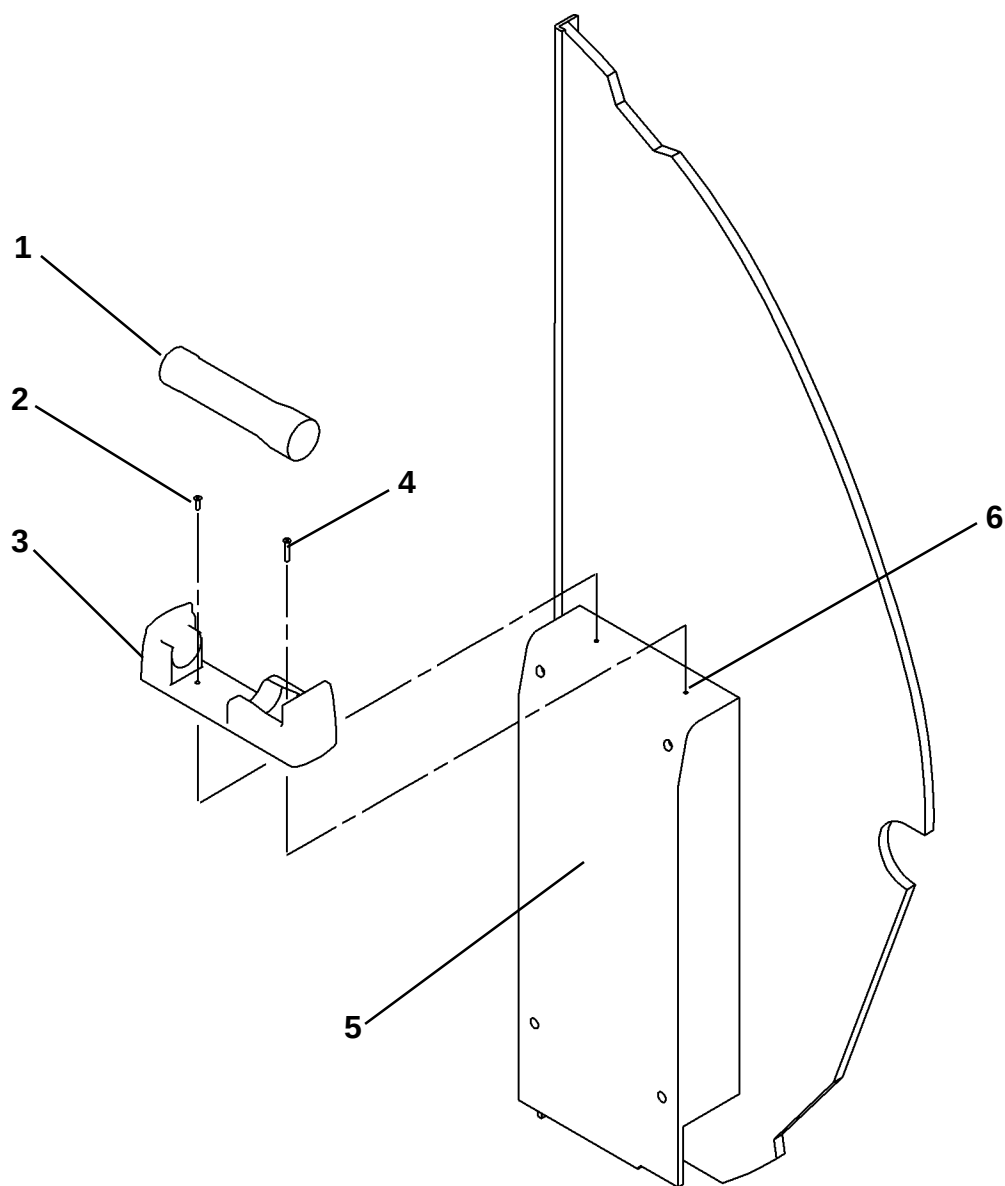
A. Remove Flashlight Charger

- (1) Remove flashlight from charger.
- (2) Remove screws attaching the charger to the Jepp case.
- (3) Disconnect and tag wiring for installation.

B. Install Flashlight Charger

- (1) Locate and connect wiring to charger, secure charger to Jepp case with screws.
- (2) Install flashlight by snapping it into the charger.

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No.	Part Number	Description	Vendor
-	4611364-3, -4	LH, RH FLASHLIGHT W/ CHARGER INSTL	
1	- - -	FLASHLIGHT	
2	MS24694-S19	SCREW	
3	4648004-1	FLASHLIGHT CHARGER MOD	
4	MS24694-S13	SCREW	
5	- - -	NAVIGATIONAL CHART CASE	
6	NAS1833-3-250	INSERT	

NOTE: Parts not available as complete installations

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Subject	Forward	Maintenance	Parts
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Passenger Compartment

FWD Divider	25-20-01	25-20-02
Floorboards	25-20-03	25-20-04
Carpet	25-20-05	25-20-06
Aisle Lights	25-20-07	25-20-08
Fixed Step	25-20-09	25-20-10
Entry Door Trim	25-20-11	25-20-12
Proximity Sign	25-20-13	25-20-14
Sideledge	25-20-15	25-20-16
Sidewall	25-20-17	25-20-18
Sidewall Switches	25-20-19	25-20-20
Passenger Seats	25-20-21	25-20-22
PSU Installation	25-20-23	25-20-24
Indirect Lighting	25-20-25	25-20-26
Window Reveal	25-20-27	25-20-28
Backsplash	25-20-29	25-20-30
Electrical Window Shade Installation	25-20-31	25-20-32
Aft Dividers	25-20-33	25-20-34
Forward Closet	25-20-35	25-20-36
Audio/ Video Operation Procedures		25-20-38
Speaker Assembly Installation	25-20-39	25-20-40
Woofer Module Assembly Installation	25-20-41	25-20-42
Cabin Data Bus Repeater	25-21-01	25-21-02
Dropped Aisle Storage Box	25-21-03	25-21-04
Seat Shroud Mod	25-21-05	25-21-06
Smart Screen Control Box Installation	25-21-07	25-21-08

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FORWARD DIVIDER - MAINTENANCE

1 General

- A.** The fwd partition is fastened to the front of the fwd cabinetry. With the fwd panel of the cabinet making up the aft panel of the partition.

2 Removal/Installation

A. Remove fwd partition

- (1) Pull carpet back to expose screws securing fwd panel to brackets.
- (2) Remove screws securing fwd panel to brackets.
- (3) Tag and remove fwd partition panel.
- (4) Locate and remove screws securing aft partition panel to fwd cabinetry, this includes screws accessible inside of cabinetry.
- (5) Remove screws securing aft partition panel to brackets, tag and remove partition panel.

B. Install fwd partition

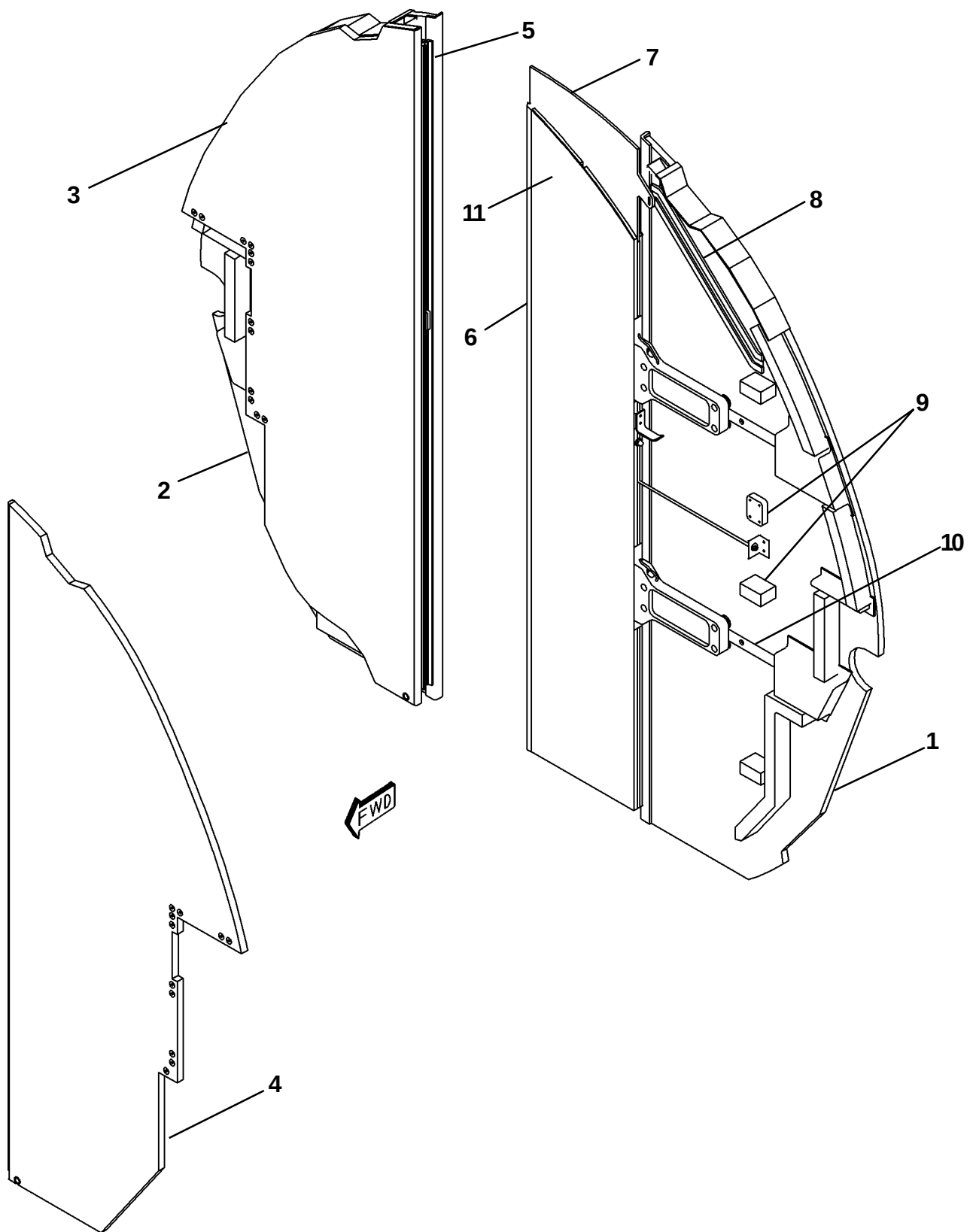
- (1) Locate aft partition panel.
- (2) Install screws securing aft partition panel to fwd cabinetry, including screws accessible inside of cabinetry.
- (3) Install screws securing aft partition panel cabinetry to brackets.
- (4) Locate fwd partition panel.
- (5) Install screws securing fwd partition panel to brackets.

3 Operations and inspections

A. Inspect

- (1) Inspect fwd partitions for nicks, cracks, scratches.
- (2) Inspect for security of installation.

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No.	Part Number	Description	Vendor
-	4699142-2	RH POCKET DOOR INSTL	
-	4699142-1	LH POCKET DOOR INSTL	
1	4699142-3	LH DOOR HARDWARE INSTL	
-	---	Hardware to be installed on fwd side of closet panel.	
-	---	Refer to closet for instl.	
2	4699142-4	RH DOOR HARDWARE ASSY	
-	---	Hardware to be installed on fwd side of galley panel.	
-	---	Refer to refreshment center for instl.	
3	4699142-6	RH FWD PANEL ASSY	
-	#10	SCREW (4 ea)	
-	#10	INSERT	
4	4699142-5	LH FWD PANEL ASSY	
-	#10	SCREW (4 ea)	
-	#10	INSERT	
5	4699016-6	RH DOOR ASSY	
-	NAS1149FN832P	WASHER (4 ea)	
-	MS35206-250	SCREW (4 ea)	
-	S-1091-10-16	KNURLED INSERT	4W953
-	S1091-8-8	INSERT	4W953
-	12366-2	DOOR ASSY - RH	4W953
6	4699016-5	LH DOOR ASSY	
-	NAS1149FN832P	WASHER (4 ea)	
-	MS35206-250	SCREW (4 ea)	
-	S-1091-10-16	KNURLED INSERT	4W953
-	S1091-8-8	INSERT	4W953
-	12366-1	DOOR ASSY - LH	4W953
7	12350-19	LH POP-UP PANEL ASSY	4W953
-	12350-20	RH POP-UP PANEL ASSY	4W953
8	12350-25	LH POP-UP TRACK	4W953
-	12350-26	RH POP-UP TRACK	4W953
-	#6	THREADED INSERT	
-	#6	SCREW	
9	12469-1	LH PUSH BUTTON LATCH	4W953
-	12469-2	RH PUSH BUTTON LATCH	4W953
10	12363-1-11	SLIDE ASSY	4W953
-	MS25083-5BB4	JUMPER ASSY	
-	#8	SCREW	
-	#8	INSERT	

NOTE: Parts not available as complete installations

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FLOORBOARDS - MAINTENANCE

1 General

- A.** This section covers the cabin floorboards, which are made up of several panel assemblies. They are located between the forward dividers and the aft pressurized bulkhead.
- (1) If the dropped aisle floorboard panel is to be removed during maintenance, a .75 thick panel of plywood padded on the lower side must be installed to prevent damage to the pressure vessel. The panel must rest on the angles on both sides of the dropped aisle.
 - (2) Walking on the pressure vessel is never permitted.
 - (3) If the cabin door floorboard panel is removed a wire bundle will be exposed. Cover with a .75 thick plywood to prevent wire bundle damage.
 - (4) The temporary panel(s) must remain in place except for required maintenance access to that area of the plane.
 - (5) Walking on the bulkhead on the forward end of the footwell located in the aft portion of the cabin is never permitted with the floorboard panel removed.

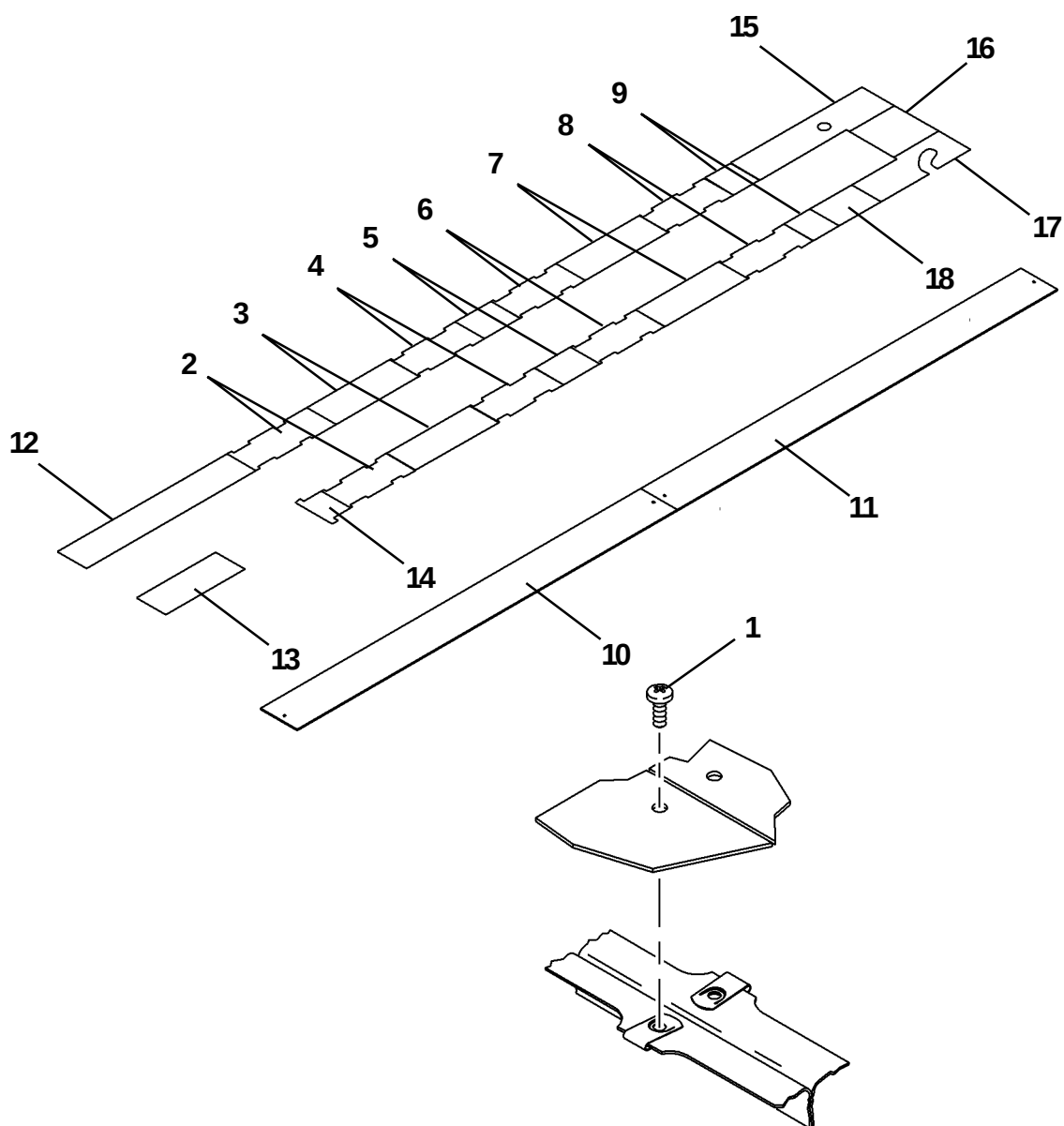
2 Removal/Installation

- A.** Remove floorboard panel.
- (1) Remove screws securing floorboard panel to structure.
 - (2) Remove floorboard panel.
 - (3) Identify and tag floorboard for reinstallation.
- B.** Install floorboard panel.
- (1) Locate proper tagged floorboard panel.
 - (2) Install floorboard panel.
 - (3) Install screws securing floorboard panel to structure.

3 Operations and inspections

- A.** Inspect floorboards.
- (1) Inspect floorboard(s) for nicks, cracks, proper fit, and security of installation.

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No.	Part Number	Description	Vendor
-	4611127-1	CABIN FLOORBOARDS INSTL	
-	6719044-1	AFT CABIN FLOORBOARDS	
1	MS27039-1-07	SCREW	
-	S1477-3	NUT	
2	4611127-9	PANEL ASSY	
3	4611127-11	PANEL ASSY	
4	4611127-10	PANEL ASSY	
5	4611127-12	PANEL ASSY	
6	4611127-9	PANEL ASSY	
7	4611127-11	PANEL ASSY	
8	4611127-10	PANEL ASSY	
9	4611127-13	PANEL ASSY	
10	6711136-7	PANEL ASSY	
11	6711136-2	PANEL ASSY	
12	6711130-4	PANEL ASSY	
13	6711130-5	PANEL	
14	6711130-6	PANEL	
15	6719043-14	FLOORBOARD ASSY, RH	
16	6719043-3	FLOORBOARD ASSY, CENTER	
17	6719043-13	FLOORBOARD ASSY, LH AFT	
18	6719043-15	FLOORBOARD ASSY, LH	

NOTE: Parts not available as complete installations

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CARPET - MAINTENANCE

1 General

- A. This section covers information on removal and installation of the various sections of carpet in the passenger compartment. The carpeting is installed along the floorboards and lower level air ducts.
- B. For carpet cleaning instructions refer to (25-00-02 Interior Care), (25-00-03 Cleaning Solutions).
- C. The carpet sections are primarily held in place with hook and pile fasteners. The mating hook and pile fastener strips are solvent bonded to the floorboards and sewed into the carpet.

2 Removal/Installation

A. Remove Carpet

- (1) Remove seats.
- (2) Remove screws from bezel-lens assemblies.
- (3) Remove carpet by pulling up on carpet section until the hook and pile fasteners separate.

NOTE: If the hook fastener has separated from the floorboards, it may be necessary to install new hook fastener. Use 76 high tack adhesive, manufactured by 3M, is recommended to install new hook fastener. EC1300I adhesive may also be used.

B. Install Carpet

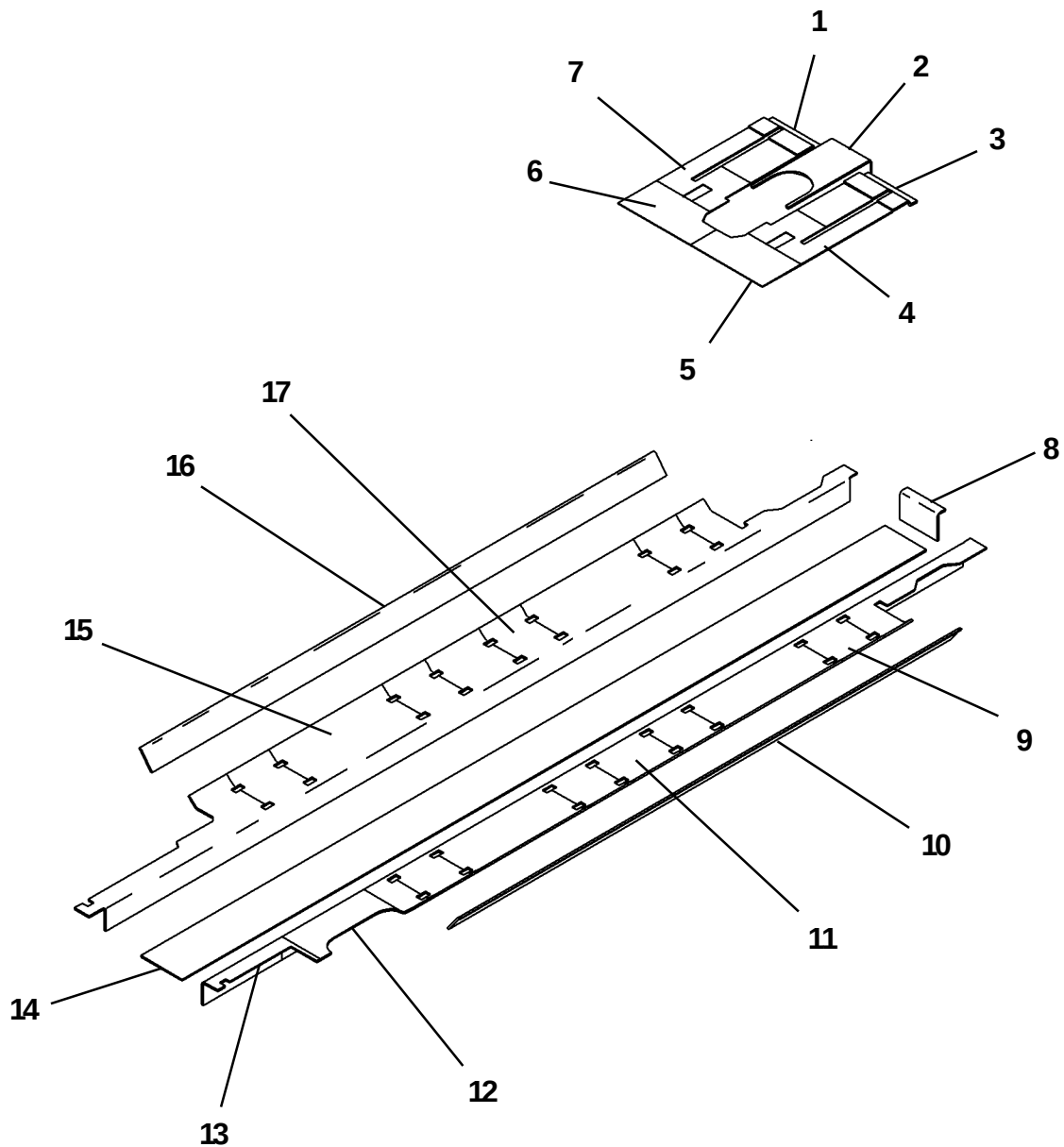
- (1) Position carpet sections around bezel-lens assemblies and secure with screws to floorboard panel.
- (2) Position remaining carpet sections and secure with hook and pile fasteners.

3 Operations and inspections

A. Inspect carpet

- (1) Inspect carpet for snags, runs, proper fit, and security of installation.

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No.	Part Number	Description	Vendor
-	4611062-1	COCKPIT/CABIN CARPET INSTL	
1	4611062-14	CARPET ASSY - RH,FWD,OUTBD	
2	4611062-2	CARPET ASSY - FWD,AISLE	
3	4611062-13	CARPET ASSY - LH,FWD,OUTBD	
4	4611062-11	SCUFFPLATE ASSY - LH	
5	4919040-40	SCUFFPLATE ASSY - RH	
6	4919040-39	SCUFFPLATE ASSY - LH	
7	4611062-12	SCUFFPLATE ASSY - RH	
8	4611062-10	CARPET ASSY - AFT	
9	4611062-17	CARPET ASSY - LH, SEAT	
10	4611062-5	CARPET ASSY - LH, OUTBD	
11	4611062-3	CARPET ASSY - LH, INBD	
12	4611062-19	CARPET ASSY - THRESHOLD	
13	4611062-7	CARPET ASSY - LH, FWD BAR	
14	4611062-8	CARPET ASSY - DROPPED ASLE	
15	4611062-4	CARPET ASSY - RH, INBD	
16	4611062-6	CARPET ASSY - RH, OUTBD	
17	4611062-18	CARPET ASSY - RH, SEAT	

NOTE: Parts not available as complete installations

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AISLE LIGHTS - MAINTENANCE

1 General

- A.** The aisle lights are located on each side, just inside the entry door near the floor, and light strips on the left and right hand side running fore & aft near the floor in the footwell area. The aisle lights are hidden by the carpet installation, an initial inspection must be performed to insure security of installation and proper operation prior to installation of the carpet.

2 Removal/Installation

A. Remove aisle lights

- (1) Disengage aisle lights circuit breaker(s) located in the left hand aft bulkhead closet under the lower left hand shelf.
- (2) Remove the necessary carpet to expose the support angle which includes the light strip assembly and identify for reinstallation.
- (3) Remove (9) screws from the support angle.
- (4) Gently remove support angle which includes the light strip assembly and disconnect the electrical wire.
- (5) Identify wire for reinstallation.
- (6) Remove support angle and light strip assembly & identify for reinstallation.

B. Install aisle lights

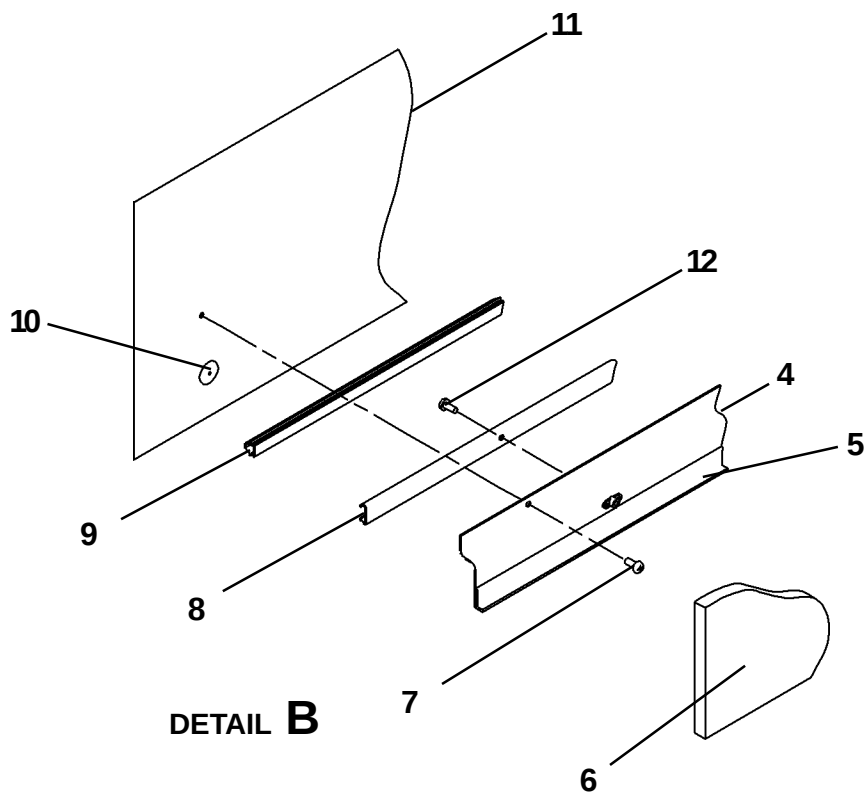
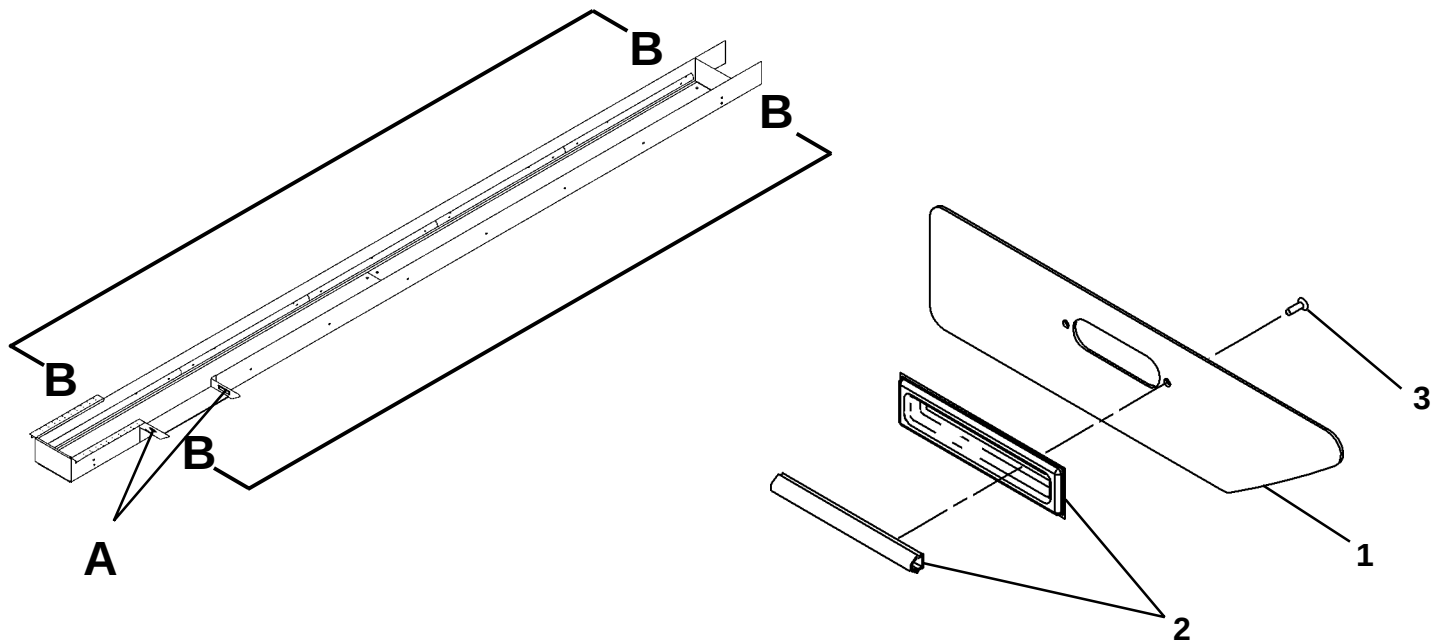
- (1) Position support angle and light strip assembly in the location identified for reinstallation.
- (2) Connect electrical wire identified for reinstallation.
- (3) Install support angle which includes the light strip assembly being careful not to damage electrical wires.
- (4) Use (9) screws to attach the angle and light strip assembly to the location identified for reinstallation.
- (5) Engage circuit breaker(s) located in the left hand aft bulkhead closet under the lower left hand shelf.
- (6) Initial inspection must be made prior to carpet reinstallation.
- (7) Install carpets identified for reinstallation.

3 Operations and Inspections

A. Inspect aisle lights

- (1) Inspect aisle lights for proper operation and security of installation.
- (2) Inspect carpet for security of installation and fit.
- (3) Inspect all the electrical components for evidence of arcing, shorting, or overheating.

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No.	Part Number	Description	Vendor
-	4611148-7	aisle light instl	
-	4611148-3	light assy (lh)	
-	4611148-4	light assy (rh)	
1	4611186-1	threshold light housing	
2	4638001-4	cabin door threshold light	
3	MS24693S27	SCREW	
4	4611148-5	SUPPORT ANGLE ASSY	
5	4611148-6	CARPET STOP	
6	- - -	CARPET	
7	MS35206-227	SCREW	
8	4638001-9	aisle light assy	
9	BULB-END-TIPS	CHANNEL END TIPS	0A485
10	MS35489-134	GROMMET	
11	- - -	CENTER AISLE PANEL	
12	MS27039C0806	SCREW	
-	MS21076L08E	NUTPLATE	

NOTE: Parts not available as complete installations

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FIXED STEP - MAINTENANCE

1 Description

- A.** This section covers the fixed step located with the main cabin entryway.

2 Removal/Installation (See Illustration)

- A.** Remove Fixed door step.

- (1) Remove electrical power.
- (2) It is necessary to pull mat back to gain access to step installation screws.
(Refer to Chap. 52 in the 750 Maintenance Manual)
(Refer to Chap. in the 750 illustrated Parts Catalog)

- B.** Install Fixed door step.

- (1) Clean area removed with solvent (Imperial).
- (2) Apply Adhesive to area to be reattached press firmly.

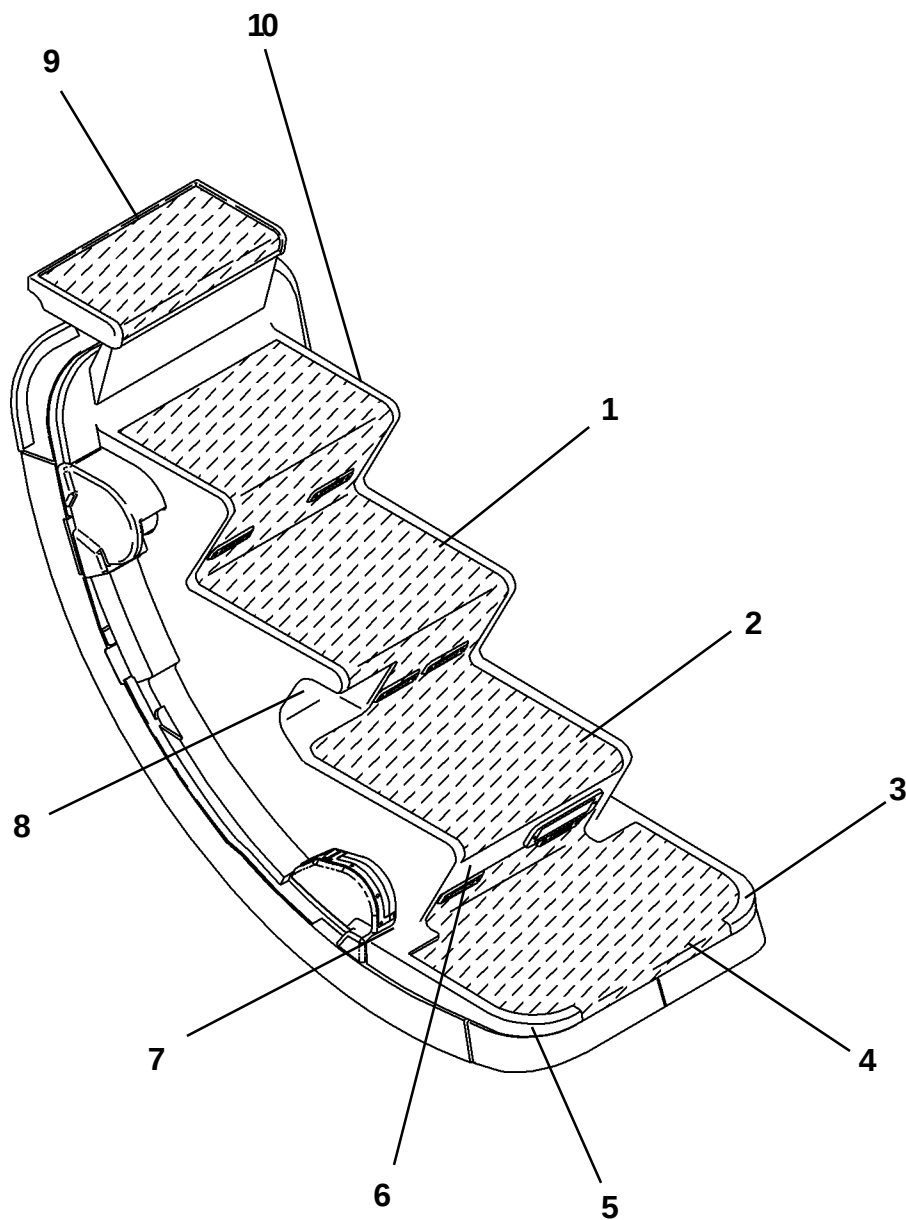
NOTE: Use a medium bonding adhesive.

3 Inspection/Check

- A.** Inspect Fixed door step.

- (1) Inspect Doorstep for nicks, cracks, dents and security of installation.

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No.	Part Number	Description	Vendor
-	4611044-2	STEP MAT AND PLACARD INSTL	
-	4611138-1	PLACARD, CABIN DOOR INSTL	
-	4611309-4	DOORSTEP TRIM INSTL	
1	4611015-3	MAT, FIXED STEP	
2	4616004-1	PRECATCH PLACARD	
3	4611309-5	TRIM	
-	P840299	TRANSFER TAPE	
4	4611015-4	MAT, FIXED STEP	
5	4611309-6	TRIM	
-	P840299	TRANSFER TAPE	
6	4699043-5	DOOR PLACARD	
7	4616005-1	RELEASE HANDLE PLACARD	
8	4699043-3	DOOR PLACARD	
-	4699043-4	ARROW	
9	4611015-2	MAT, FOLDING STEP	
10	6791125-22	VENT DOOR PLACARD UPPER	
-	6791125-25	VENT DOOR PLACARD LOWER	

NOTE: Parts not available as complete installations

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ENTRY DOOR TRIM - MAINTENANCE

1 General

A. Entry door Trim

- (1) There is a total of (4) entry door trim panels (2 at the floor, 1 fore and 1 aft). The entry door trim panels are fastened to the structure with screws. The forward panel contains (1) entry door lights switch, (1) proximity sign, (1) door handle stop, (1) wedjit and (1) wedjit cover. The aft panel contains (1) proximity sign, (1) wedjit and (1) wedjit cover.
- (2) Tip for removal: (1 each) widjit can be found in the lower area of the forward and aft entry door trim panel. Screws (2) attach the widjet cover, the entry door trim panel, and the widjit, to a bracket on the frame of the aircraft. A third different size screw is used to release the water barrier after it has been installed. It screws through the widjit cover, entry door trim panel and attaches only to the widjit. During removal, once the (2) screws have been removed the widjit may fall down behind the entry door trim panel to the floor. If this happens remember to remove and identify the widjit as soon as the forward and aft entry door trim panels have been removed.
- (3) Tip for installation: because the widjit rests behind the entry door trim panel it is inaccessible after the entry door trim is in place. A piece of double sided sticky tape can be used to hold the widjit in position on the back side of each panel until the panel and widjit cover can be secured to the plane with (2) screws each.
- (4) Before the entry door trim has been refastened to the structure an initial test of the forward panel, proximity sign, entry door lights switch and aft panel proximity switch must be performed to insure security of installation and proper operation.
- (5) When the (4) entry door trim panels are removed from the aircraft, they must be covered with furniture tape and masking tape. This is to prevent nicks, scratches, or other damage. This tape is to remain on the entry door trim panels after reinstallation and removed only after all maintenance is completed on the interior of the plane.

2 Removal/Installation

A. Remove Entry door Trim

- (1) Disengage the door entry lights, and proximity signs circuit breaker located in the left hand aft bulk head closet under the lower left hand shelf.
- (2) Unscrew the door handle stop found near the bottom of the forward entry door trim panel and identify for reinstallation.
- (3) Remove and identify (2) wedjit covers held in place with (2) screws each.
- (4) Remove (2 each) screws, which attach the lower (2) entry door trim panels to the plane. they will be found at the bottom of the door entrance. Remove, and identify the (2) entry door trimpanels.
- (5) Cover with furniture tape.
- (6) To access the (3 each) top screws, the psu cover directly over the door must be removed. It is held in place by plastic catches on the outboard side and tabs on the inboard side. Grasp the outboard side and gently pull in a downward direction. The psu cover will then swing down and inboard and slip off the inboard tabs.
- (7) Remove the forward and aft entry door trim panels, which are attached with (11) screws each with (3 each) of the screws found at the top hidden by the psu cover. Disconnect the (3) wire bundles before completely removing the entry door trim panels.

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ENTRY DOOR TRIM - MAINTENANCE

- (8) On the forward entry door trim panel locate and disconnect the electrical wire bundle attached to the proximity sign, and the entry door lights switch.
- (9) On the aft entry door trim panel locate and disconnect the electrical wire bundle attached to the proximity sign.
- (10) Identify the wire bundles for reinstallation.
- (11) Identify the forward and aft entry door trim panels for reinstallation.

B. Install Entry door Trim

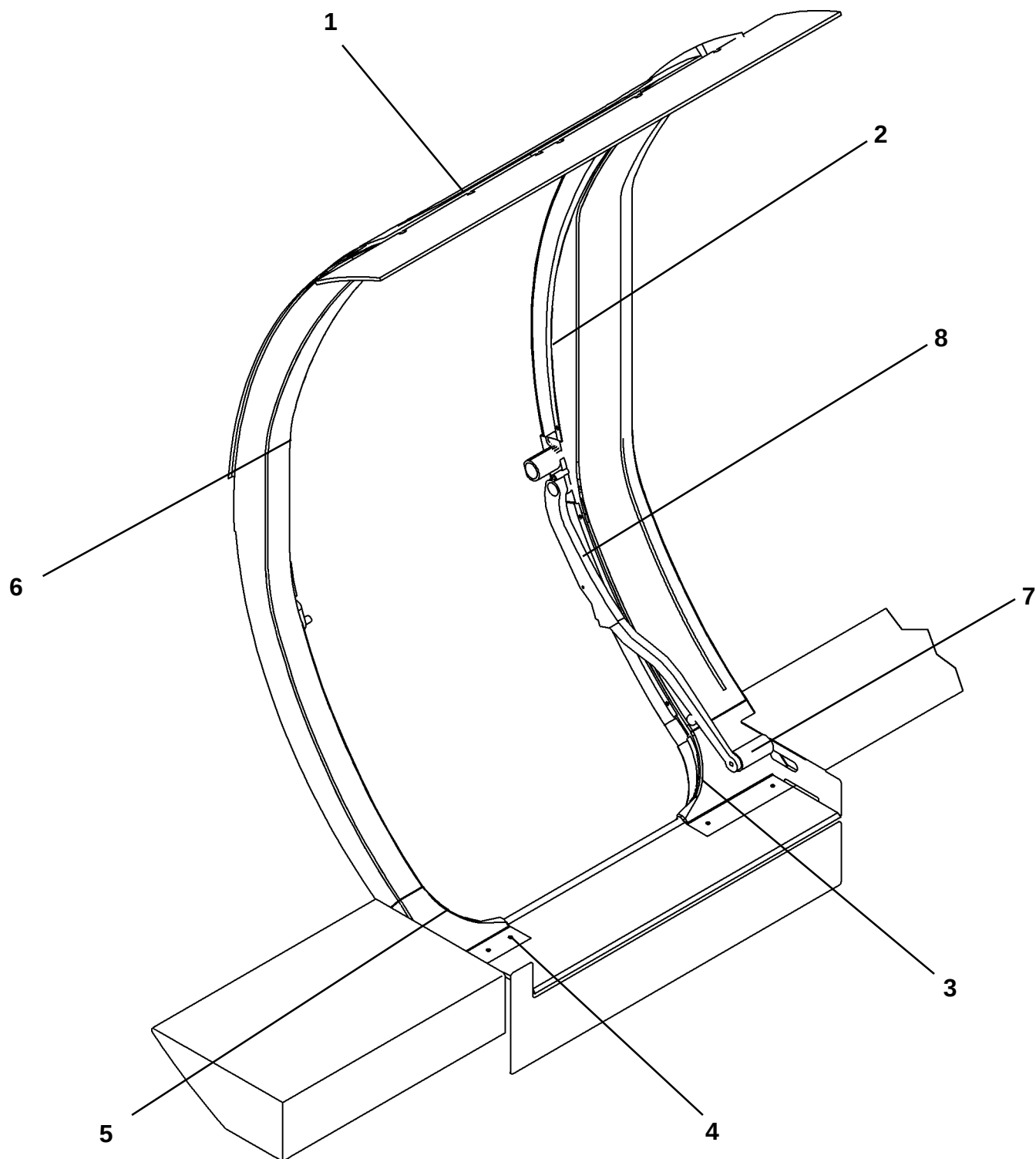
- (1) Position the forward and aft entry door trim panels at the location identified for reinstallation.
- (2) On the forward entry door trim panel reattach the proximity sign, and entry door lights switch electrical wire bundle identified for reinstallation.
- (3) On the aft entry door trim panel reattach the proximity sign electrical wire bundle identified for reinstallation.
- (4) Place widjit on entry door trim panel with double sided tape.
- (5) Fit the entry door trim panel into place. Position the widjit cover on the entry door trim panel and attach with (2) screws.
- (6) Gently finish fitting the forward and aft entry door trim panels into the correct position and replace (11) screws on each, being careful not to damage the electrical wire bundles. Note: the forward entry door trim panel fits behind the closet edge.
- (7) Identify the psu cover for reinstallation and install it by hanging it on the inboard tabs. then swing it outboard and up until the psu snaps into place.
- (8) Identify the door handle stop and screw it into the lower forward entry door trim panel.
- (9) Identify the (2) lower entry door trim panels for reinstallation. They are installed at the bottom of the door entrance with (2) screws each.
- (10) Remove furniture tape after all maintenance is performed.
- (11) Engage proximity sign and entry door lights circuit breaker.

3 Operations and Inspections

A. Inspect entry door trim

- (1) Inspect proximity sign, entry door lights switch, entry door trim, the side of the forward closet, and psu cover for nicks, scratches, and security of installation.
- (2) Inspect the carpet and headliner for dirt and tears in the upholstery.
- (3) Inspect proximity sign and entry door lights for proper operation.
- (4) Inspect all the electrical components for evidence of arcing, shorting, or overheating.

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No.	Part Number	Description	Vendor
-	4611178-1	ENTRY DOOR TRIM INSTL	
1	MS35206-262	SCREW (6 ea)	
2	NAS1149F0332P	WASHER (6 ea)	
3	4611177-4	CAB DR TRIM-FWD LOWER	
4	MS24694S1	SCREW	
5	4611177-5	CAB DR TRIM-AFT LOWER	
6	4611177-2	CAB DR TRIM-AFT UPPER	
7	4611266-1	KNOB	
8	4611211-1	HANDRAIL COVER	

NOTE: Parts not available as complete installations

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PROXIMITY SIGN - MAINTENANCE

1 General

A. The proximity signs are located inside the aircraft on either side of the entrance door.

- (1) Installation tip: before the door trim has been fastened to the aircraft an initial test of the proximity sign must be performed to insure security of installation and proper operation. This inspection is to be made on all the electrical components for evidence of arcing, shorting, or overheating.
- (2) There is (1) panel on each side of the cabin door (1 fore and 1 aft). Each door panel has (1) proximity sign. The door panels are fastened to the Structure with screws. It is only necessary to remove the top (6) screws from each panel to gain access to the proximity signs.
- (3) When bending the door panel(s) inboard to gain access to the proximity sign(s) use caution, and if necessary to prevent damage, remove the remaining screws and remove the complete door panel(s).

2 Removal/Installation

A. Remove proximity sign

- (1) Disengage proximity sign circuit breaker located in the left hand aft bulkhead closet under the lower left hand shelf.
- (2) It is not necessary to completely remove door panel to remove the proximity sign. Remove (6) screws and gently bend the door panel inboard. Locate and disconnect the electrical wire attached to the proximity sign. Identify the wire for reinstallation.
- (3) On the back of the proximity sign locate (2) each, plastic retainer clips (1 on the top and 1 on the bottom).
- (4) Gently push both retainer clips together which will release the proximity sign from the door panel. It can then be removed from the door panel by gently pulling the proximity sign inboard.
- (5) Identify and tag for installation.

NOTE: The use of a screwdriver may be required to press each retainer clip together.

B. Install proximity sign

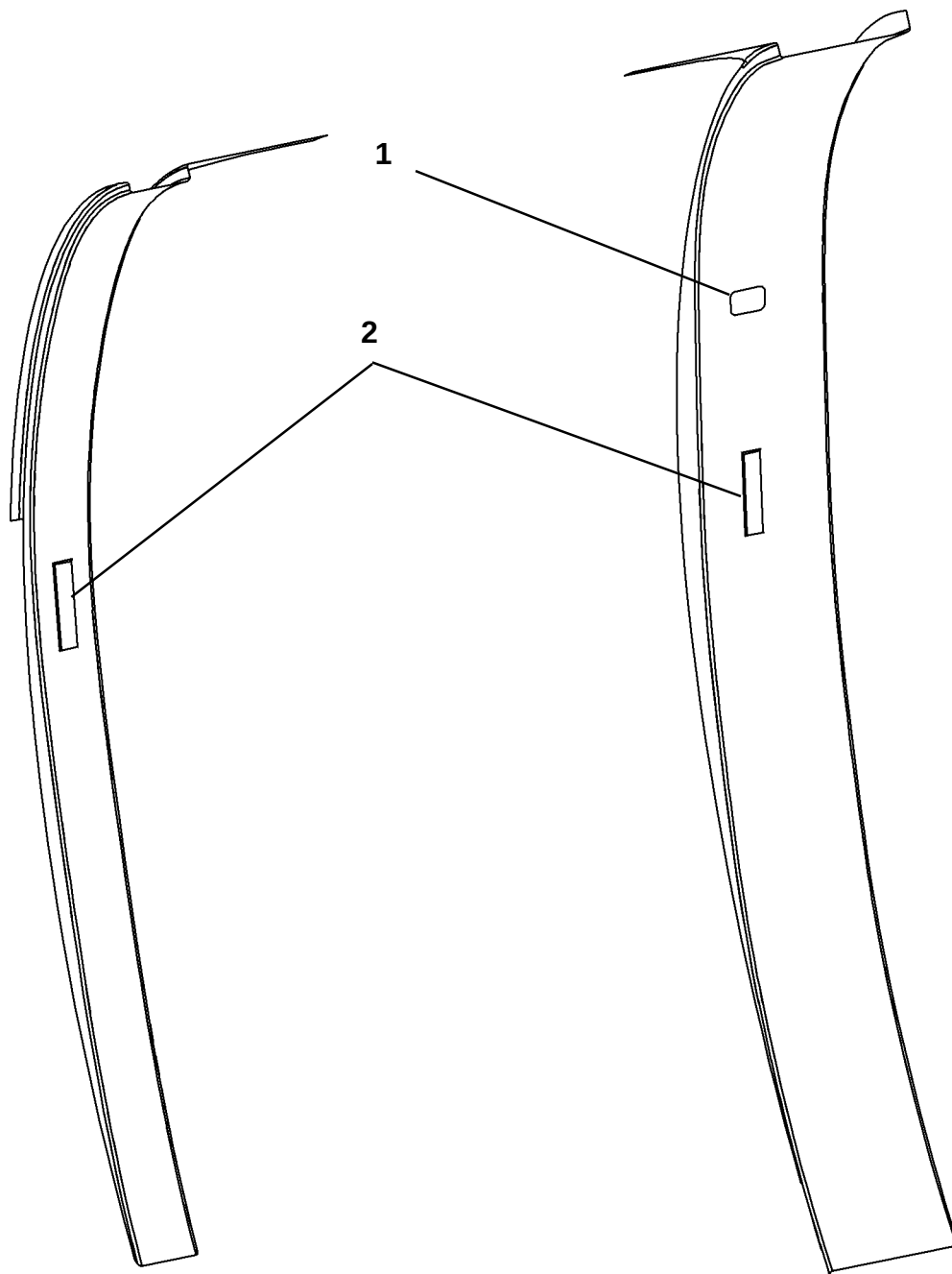
- (1) Identify proximity sign for installation.
- (2) Position the proximity sign at the location identified for installation and gently press the proximity sign into door panel cutout until the (2) plastic retaining clips snap into place.
- (3) Gently bend the door panel inboard. Connect electrical wire identified for installation.
- (4) Gently allow door panel to bend back to correct position and replace (6) screws being careful not to damage the electrical wire.
- (5) Engage proximity sign circuit breaker.

3 Operations and inspections

A. Inspect proximity sign

- (1) Inspect proximity sign and door panels for nicks, scratches, and security of installation.
- (2) Inspect proximity sign for proper operation.
- (3) Inspect all the electrical components for evidence of arcing, shorting, or overheating.

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No.	Part Number	Description	Vendor
-	4611059-1	PROXIMITY SIGN INSTL	
-	4611059-4	DOORPOST SWITCH INSTL	
1	1322-1-16	DOOR POST SWITCH	59959
2	BR9424-031	EXIT SIGN	17023

NOTE: Parts not available as complete installations

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SIDELEDGE - MAINTENANCE

1 General

- A.** The sideledges are located on the right and left sides of the cabin. They incorporate armrests, executive tables, escape hatch table, cupholders and monitor jacks.
- (1) Sidepanels must be removed in order to gain access to hardware necessary to remove table shrouds, tables and armrest. Refer to section (25-20-18).

2 Removal/Installation

A. Remove sideledges

- (1) Remove and identify table shroud, by pulling inboard to disconnect hook and pile fastener.
- (2) Remove and identify table leaf to gain access to hardware connecting table to structure.
- (3) Remove screws attaching table to brackets, identify table.
- (4) Tag and disconnect electrical wiring.
- (5) Remove armrest and tag, remove screws attaching it to structure, remove from aircraft.

B. Install sideledges

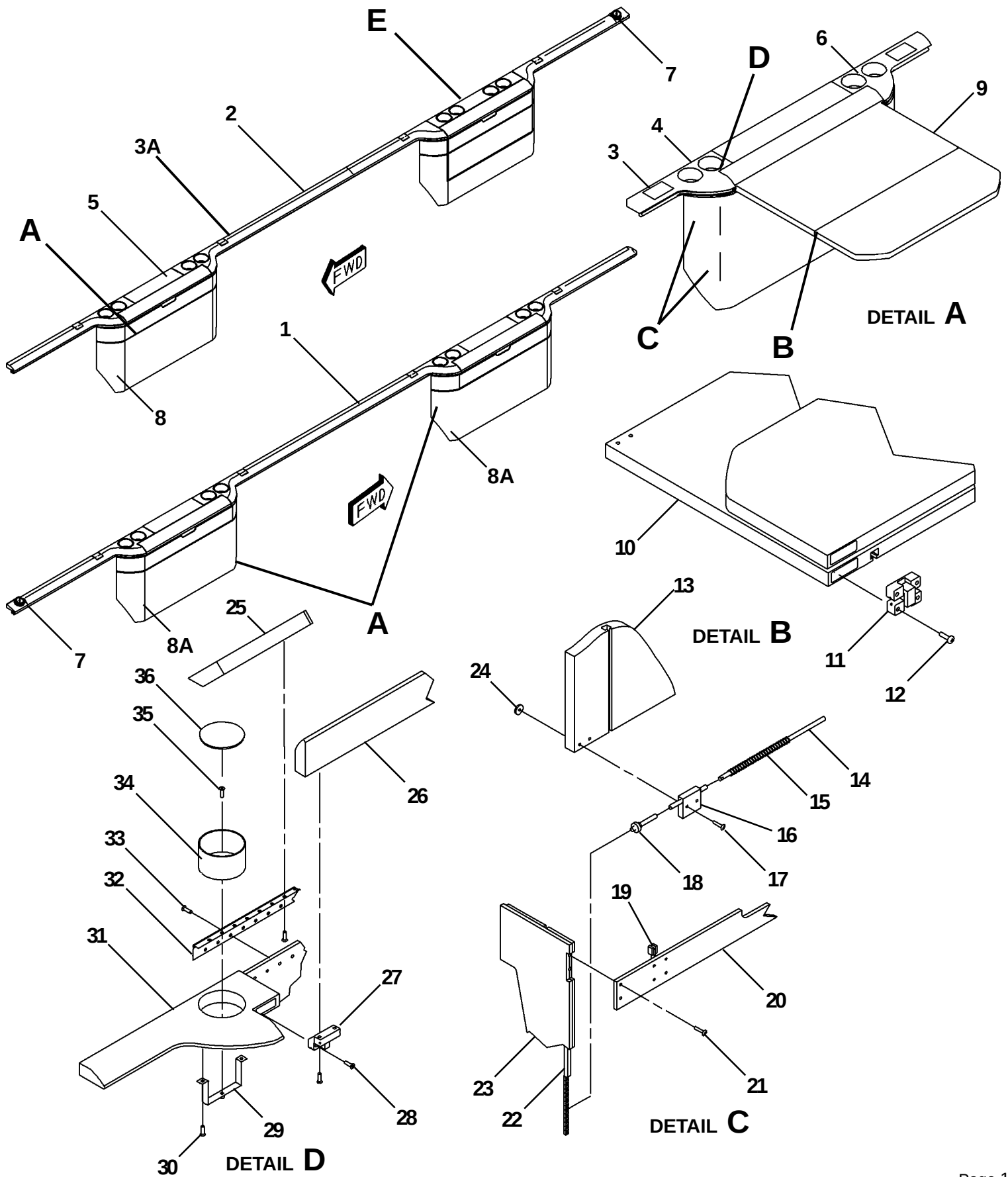
- (1) Identify armrest for installation, install screws attaching it to structure.
- (2) Identify and connect electrical wiring.
- (3) Identify and install table, install screws securing it to bracketry.
- (4) Identify and install table leaf, install attaching screws.
- (5) Identify and install table shroud align hook and pile fasteners, press firmly to secure.

3 Operations and inspections

A. Inspect sideledges

- (1) Inspect sideledge, tables and armrest for nicks, scratches, and security of installation.
- (2) Inspect all the electrical components for evidence of arcing, shorting, or overheating.

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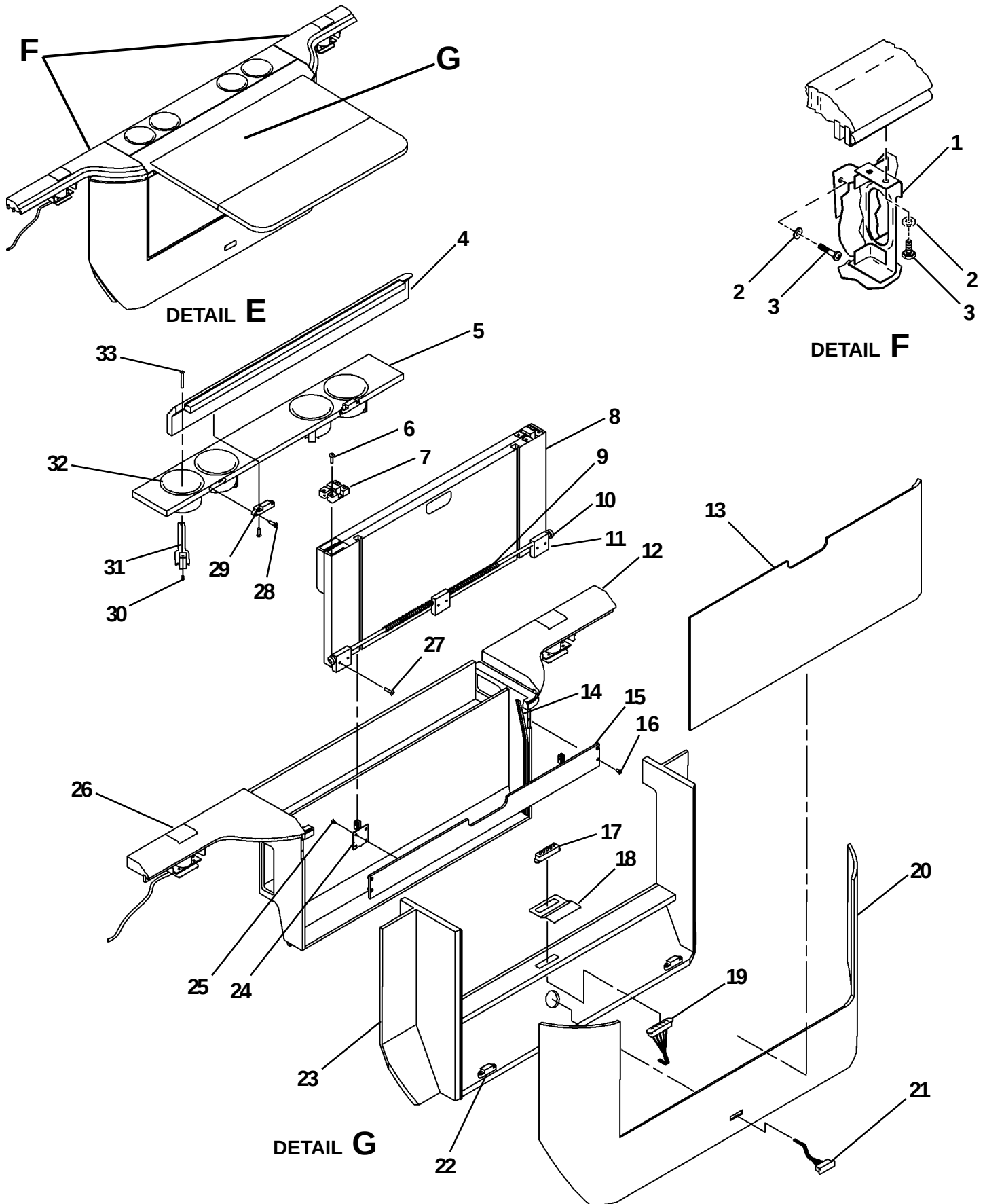


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No.	Part Number	Description	Vendor
-	---	LH SIDELEDGE ASSY	
-	---	RH SIDELEDGE ASSY	
1	4699418-1	LH SIDELEDGE ASSY	
2	4699418-2	RH SIDELEDGE ASSY	
3	12525-1	MONITOR INSTL	RPDE
-	RSLM5SCC/28	TV MONITOR RECEPTACLE	RPDE
3A	0100-006	8.4" TOUCHSCREEN RECEPTACLE	RPDE
-	4699418-3	HAT BRACKET	
-	#10	SCREW	
4	12268-81	BRACKET	4W953
-	#10	SCREW	
5	725729-815WH	HANDSET	37695
-	1322-1-22	SWITCH PANEL-110 OUTLET	59959
-	1322-1-42	FAX/DATA OUTLET PANEL	59959
6	12268-82	BRACKET	4W953
-	12448-19	MOUNTING PLATE	4W953
-	#10	SCREW	
7	2567-03	LIGHT	02217
8	4699265-2	TABLE SHROUD ASSY	
8A	4699051-7	TABLE SHROUD ASSY	
9	4699326-2	TABLE LEAF ASSY	
10	---	TABLE LEAF ASSY	
11	HCTH4S180K	HINGE	MOIN
12	---	SCREW	
13	---	TABLE LEAF ASSY	
14	G10	FIBERGLASS ROD	4W953
15	10804-1	SPRING	4W953
-	10804-2	SPRING	4W953
16	12448-15	BEARING BLOCK	4W953
17	---	SCREW	
18	30202-1	GEAR	4W953
19	12448-17	LEAF GUIDE	4W953
-	12448-27	GUIDE PLATE	4W953
20	#6	SCREW	
21	12451-19	LEAF SUPPORT	4W953
-	#8	SCREW	
22	12448-41	FRAME TRACK LH	4W953
-	12448-42	FRAME TRACK RH	4W953
-	10805-1	RACK	4W953
23	4699308-1	TABLE ASSY	
-	C3-810	DOOR LATCH GRABBER	94222
24	---	INSERT	
25	---	GENERAL STORAGE LID	
26	---	TABLE LEAF LID	
27	HCTH4S180K	HINGE	MOIN
28	---	TABLE LEAF DOOR	
29	81050-7	CUP HOLDER BRACKET	4W953
30	---	SCREW	
31	---	ARMREST	
32	12448-63	HINGE	4W953
33	---	SCREW	
34	4811861-3	CUP HOLDER	
35	---	SCREW	
36	---	PAD	

NOTE: Parts not available as complete installations

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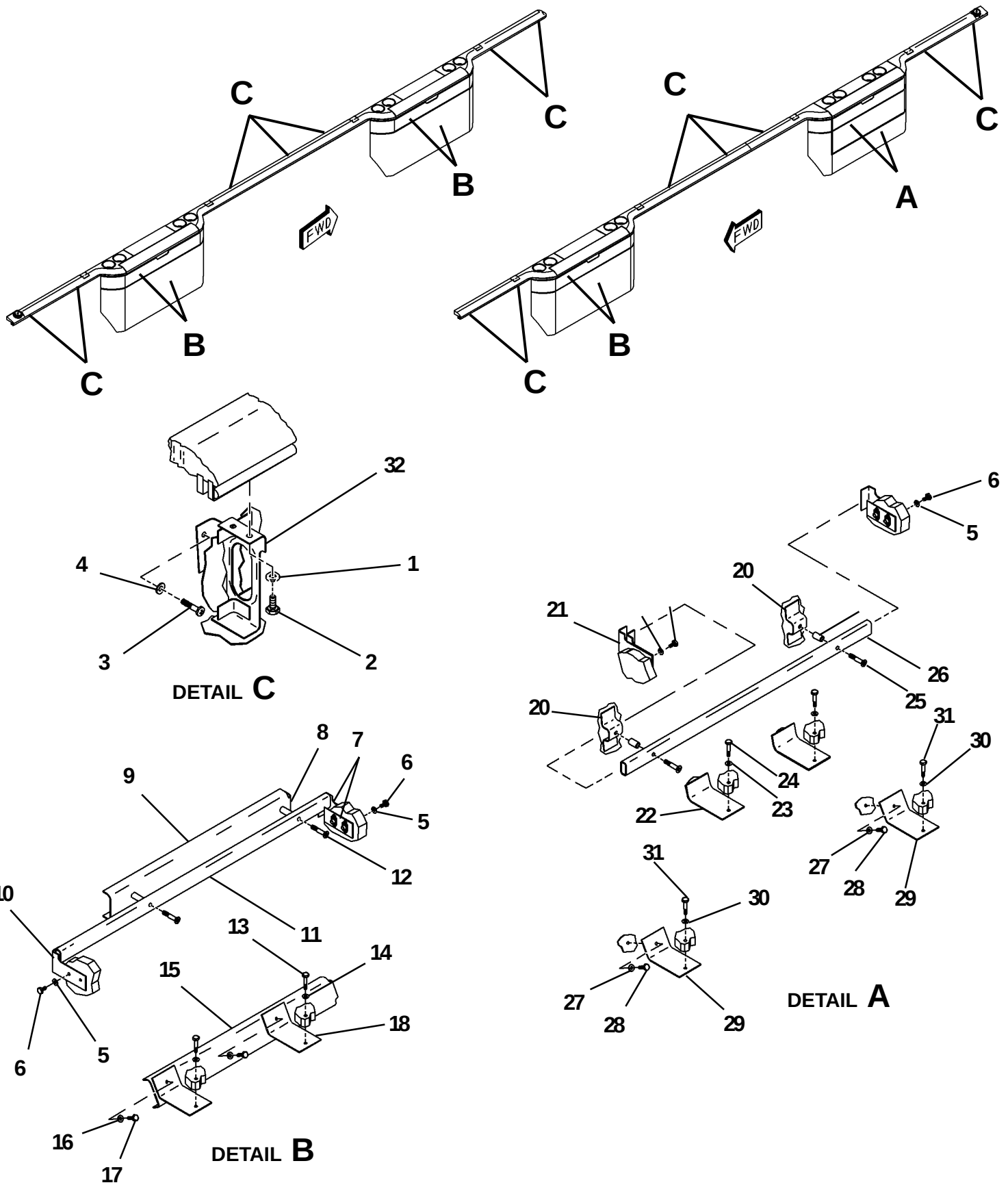


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No.	Part Number	Description	Vendor
-	---	RH ESCAPE HATCH	
-	4699418-2	RH SIDELEDGE ASSY	
1	12268-81	LH BRACKET	4W953
-	12268-82	RH BRACKET	4W953
2	#10	WASHER	
3	#10	SCREW	
4	---	TABLE LEAF LID	4W953
5	---	ARMREST	
6	---	SCREW	
7	HCTH4S180K	HINGE	MOIN
8	4699121-4	ESCAPE HATCH TABLE LEAF ASSY	
9	G10	FIBERGLASS ROD	4W953
-	10804-1	SPRING	4W953
-	10804-2	SPRING	4W953
10	30202-1	GEAR	4W953
-	NAS561-2-6	ROLL PIN	
11	12448-15	BEARING BLOCK	4W953
12	4699308-3	TABLE ASSY	
13	4699051-10	TABLE SHROUD ASSY	
14	12448-57	LH FRAME TRACK	4W953
-	10805-1	RACK	4W953
-	12448-58	RH FRAME TRACK	4W953
15	12451-21	LEAF SUPPORT	4W953
16	#8	SCREW	
17	---	CONNECTOR WBA	
18	12499-5	CONNECTOR BRACKET ASSY	4W953
19	---	CONNECTOR WBA	
20	4699051-9	ESCAPE HATCH TBL FRAME SHROUD ASSY	
21	---	INDICATOR LIGHT (see electrical)	
22	C3-810	DOOR LATCH GRABBER	94222
23	4699308-2	ESCAPE HATCH TABLE FRAME ASSY	
24	12448-17	LEAF GUIDE	4W953
-	12448-27	GUIDE PLATE	4W953
25	#6	SCREW	
26	12525-3	MONITOR INSTL	RPDE
-	RSLM5SCC/28	TV MONITOR RECEPTACLE	RPDE
27	#10	SCREW	
28	---	SCREW	
29	1001DH	HINGE	DETT
30	---	SCREW	
31	81050-7	CUP HOLDER BRACKET	4W953
32	4811861-3	CUP HOLDER	
33	---	SCREW	

NOTE: Parts not available as complete installations

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No.	Part Number	Description	Vendor
-	4611404-1	LH SIDELEDGE, TABLE INSTL	
-	4611404-2	RH SIDELEDGE, TABLE INSTL	
1	AN960-10L	WASHER	
2	MS27039-1-05	SCREW	
3	MS27039-0812	SCREW	
4	AN960-8	WASHER	
5	#10	WASHER	
6	#10	BOLT	
7	12268-82	BRACKET	4W953
-	12448-19	MOUNTING PLATE	4W953
8	4611117-12	SPACER	
9	4611117-3	BRACKET ASSY	
10	12268-81	BRACKET	4W953
11	4611106-29	TUBE	
12	MS24694S121	SCREW	
13	AN3-10A	BOLT	
14	AN960-10L	WASHER	
15	4611106-5	BRACKET ASSY (2 ea) lh	
-	4611106-6	BRACKET ASSY rh fwd	
16	AN960-10L	WASHER	
17	AN3-5A	BOLT	
18	4611280-30	BRACKET	
19	NAS43DD4-43	SPACER	
20	4611106-32	HAT BRACKET ASSY	
21	12448-111	BRACKET ASSY	4W953
22	4611106-9	BRACKET	
23	AN960-10L	WASHER	
24	AN3C10	BOLT	
25	MS24694S106	SCREW	
26	4611106-51	TUBE	
27	AN960-10L	WASHER	
28	AN3-10A	BOLT	
29	4611280-30	BRACKET	
30	AN960-10L	WASHER	
31	AN3-5A	BOLT	
32	4611404-3	SUPPORT BRACKET ASSY	

NOTE: Parts not available as complete installations

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SIDE WALL - MAINTENANCE

1 General

- A. The sidewalls are located fwd, inbetween and aft of the tables and are attached with hook and pile fasteners.

2 Removal/Installation

- A. Remove sidewalls.

- (1) Remove sidewall by pulling inboard to seperate hook and pile fasteners.

- B. Install sidewalls.

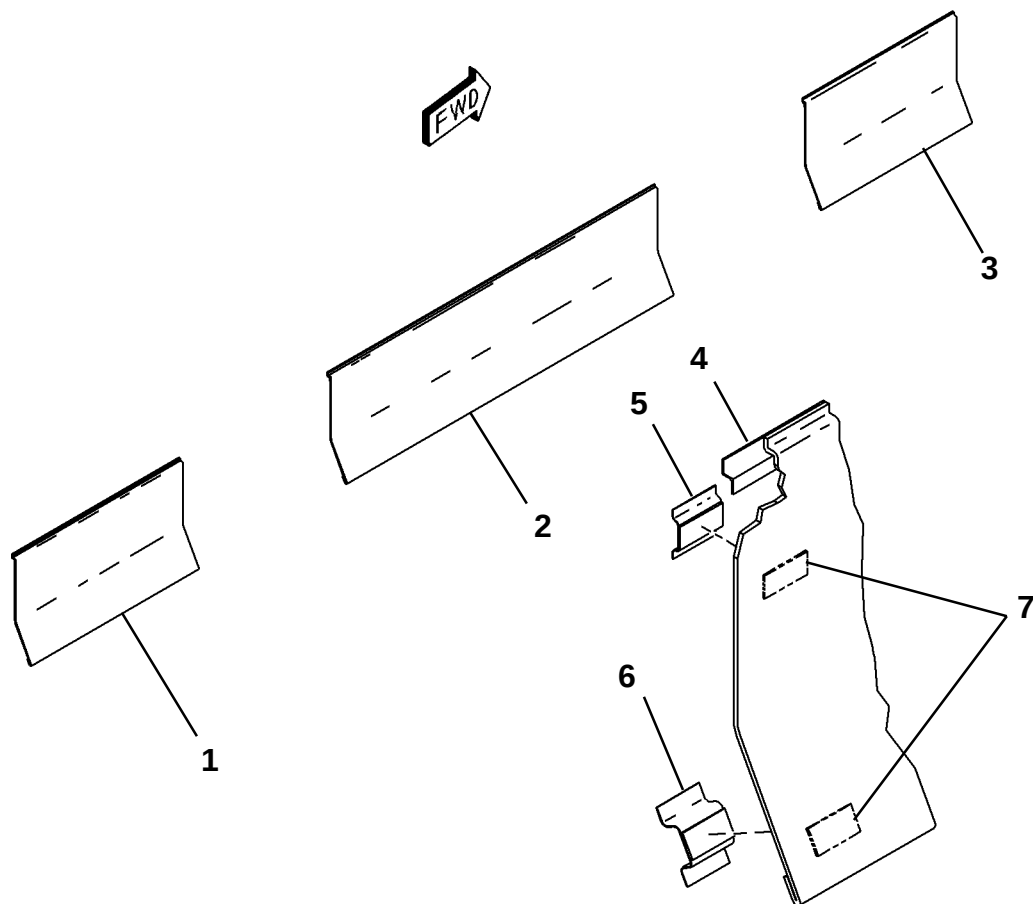
- (1) Install sidewall by aligning hook and pile fasteners, press firmly to secure.

3 Operations and inspections

- A. Inspect sidewalls.

- (1) Inspect sidewall for nicks, scratches, and security of installation.
 - (2) Inspect hook and pile fasteners, replace as nessessary.

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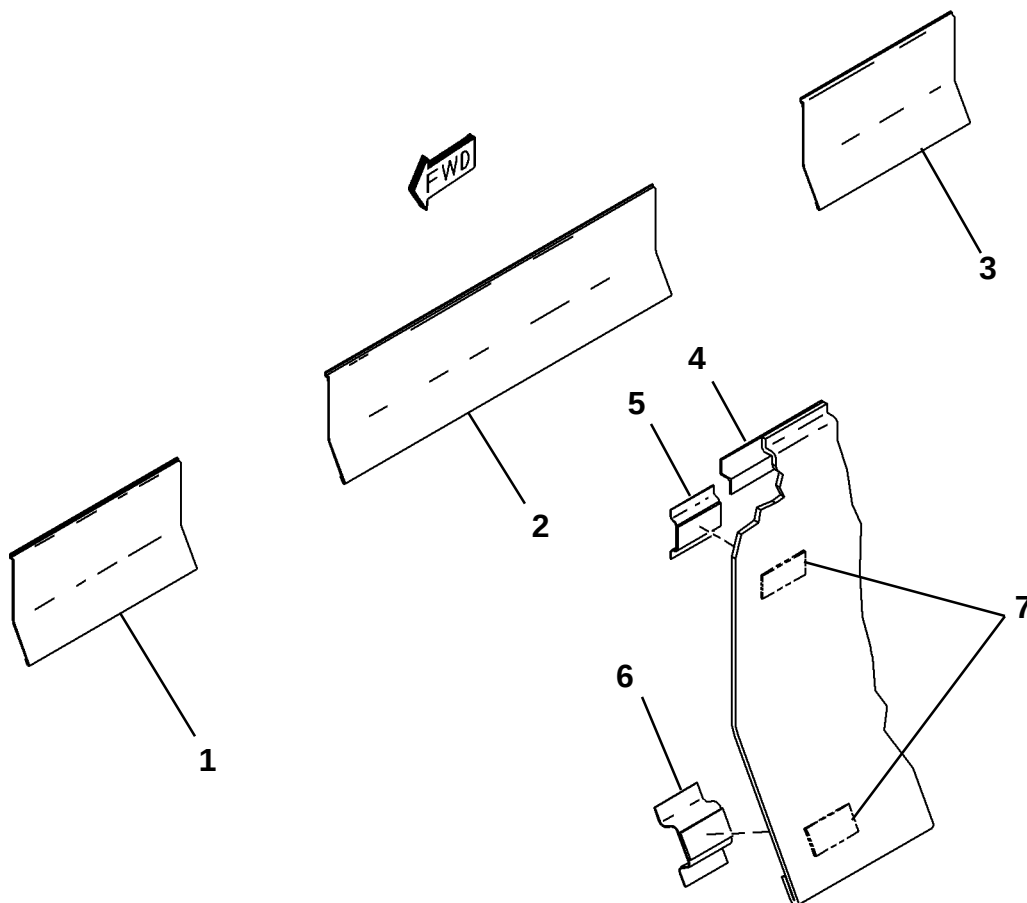


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No.	Part Number	Description	Vendor
-	4611199-1	LH SIDEWALL INSTL	
1	4611199-17	SIDE PANEL ASSY	
2	4611199-23	SIDE PANEL ASSY	
3	4611199-11	SIDE PANEL ASSY	
4	- - -	EXTRUSION	
5	4611162-18	ANGLE	
6	4611162-19	ANGLE	
7	S2092-10	FABRIC	
-	S2092-11	FABRIC	

NOTE: Parts not available as complete installations

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No.	Part Number	Description	Vendor
-	4611199-2	RH SIDEWALL INSTL	
1	4611199-8	SIDE PANEL ASSY	
2	4611199-9	SIDE PANEL ASSY	
3	4611199-10	SIDE PANEL ASSY	
4	- - -	EXTRUSION	
5	4611162-18	ANGLE	
6	4611162-19	BRACKET, S/P SUPPORT	
7	S2092-10	FABRIC	
-	S2092-35	FABRIC	

NOTE: Parts not available as complete installations

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SIDE WALL SWITCHES - MAINTENANCE

1 General

- A. The sidewall switches are located in the sidewall panels.

2 Removal/Installation

- A. Remove sidewall switch.

- (1) Remove sidewall by pulling inboard to separate hook and pile fasteners.
 - (2) Remove screws securing switch brackets to closeout assembly.
 - (3) Remove screws attaching switch to brackets.

- B. Install sidewalls.

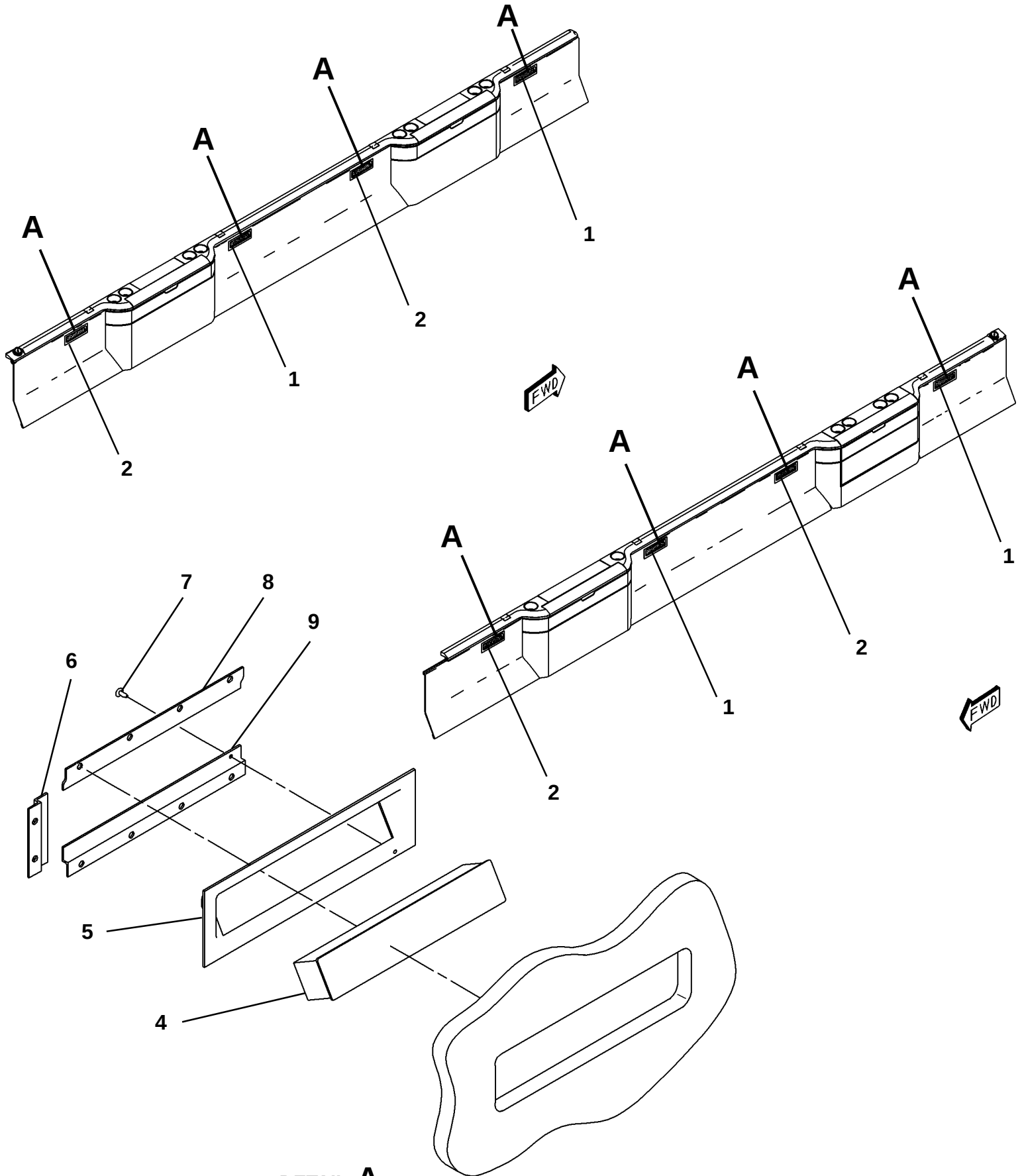
- (1) Replace switch if necessary, attach switch brackets to switch with screws.
 - (2) Attach switch brackets to closeout assembly.
 - (3) Install sidewall by aligning hook and pile fasteners, press firmly to secure.

3 Operations and inspections

- A. Inspect sidewalls.

- (1) Inspect sidewall for nicks, scratches, and security of installation.
 - (2) Inspect hook and pile fasteners, replace as necessary.

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DETAIL A

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No.	Part Number	Description	Vendor
-	4611370-1	LH SIDEWALL SWITCH INSTL	
-	4611370-2	RH SIDEWALL SWITCH INSTL	
1	1322-1-10	SWITCH PANEL	
2	1322-1-11	SWITCH PANEL	
3	---	SIDELEGE PANEL	
4	---	SWITCH PANEL	
5	4611091-4	SWITCH CLOSEOUT ASSY	
6	4611091-9	BRACKET AFT	
7	S1021Z4-4B	SCREW	
8	4611091-7	BRACKET UPPER	
9	4611091-8	BRACKET LOWER	

NOTE: Parts not available as complete installations

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PASSENGER SEATS - MAINTENANCE

1 General

A. The passenger seats incorporate fwd, aft lateral and reclining movement.

- (1) The base shroud must be removed to gain access to the hardware holding the seat to the floor, (reference. - vendor manual).
- (2) Remove base shroud gently to prevent scratches or other damage.

2 Removal/Installation

A. Remove passenger seat.

- (1) Slide seat inboard as far as possible exposing (2) screws on shroud top cover between the seat and sidewall.
- (2) Remove the (2) screws and shroud top cover, (reference - vendor manual).
- (3) Pull base shroud inboard until ball catches release, allowing removal of shroud. This will expose base assembly. (reference. - vendor manual).
- (4) Remove attaching hardware which includes (1) bolt, (2) washers, (1) nut and (1) bracket with ball catch (4) places.
- (5) Remove seat and identify for reinstallation.

B. Install passenger seat.

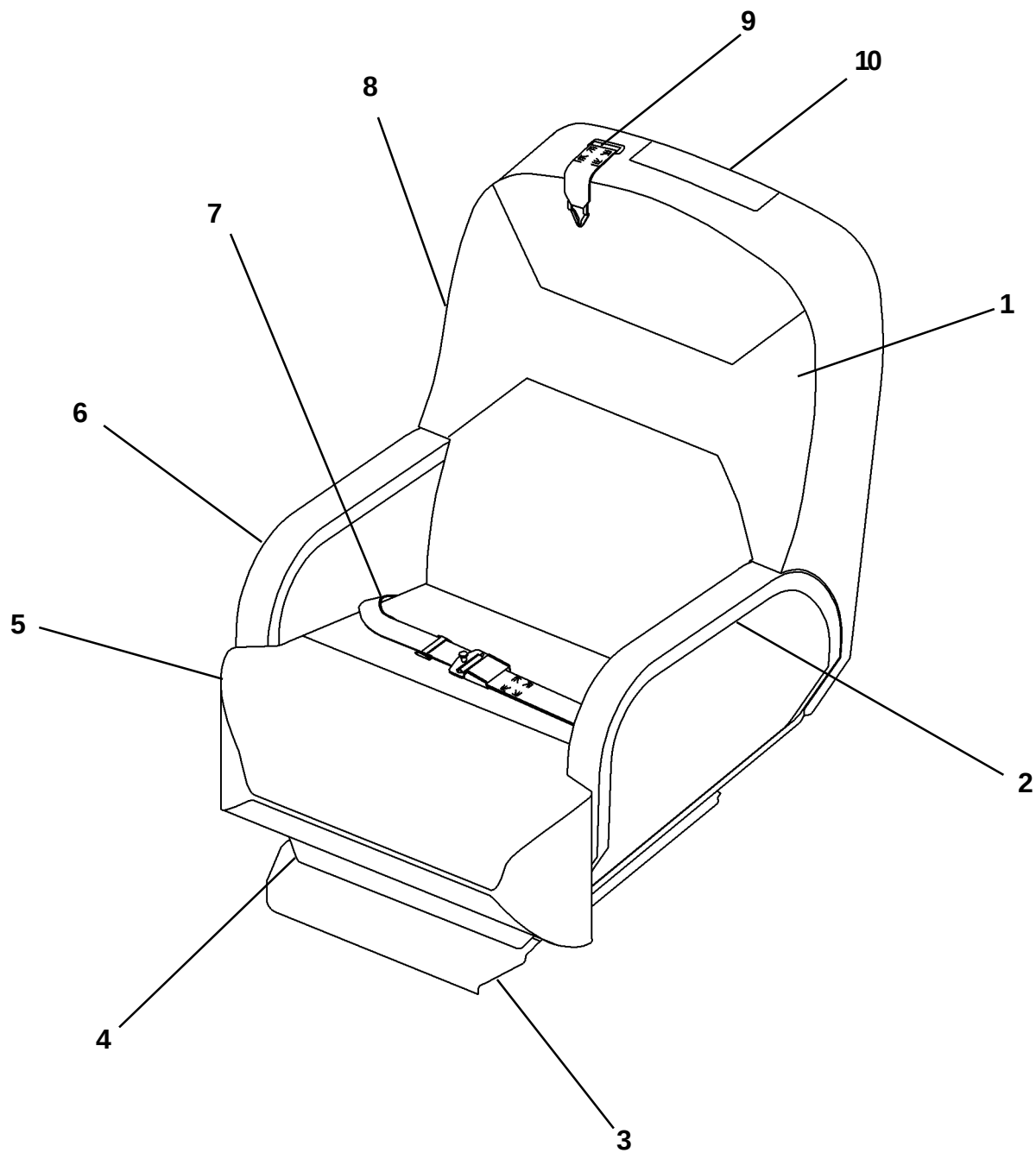
- (1) Position seat and identify for reinstallation.
- (2) Install (1) bolt, (2) washers, (1) nut and (1) bracket with ball catch (4) places.
- (3) Position base shroud at inboard side of base assy.
- (4) Slide base shroud outboard until it snaps onto ball catches. (ref. - vendor manual).
- (5) Slide seat inboard as far as possible.
- (6) Position shroud top cover between seat and sidewall.
- (7) Align (2) holes in shroud top cover with (2) holes in base shroud and fasten with (2) screws.
- (8) Slide seat to correct position for use.

3 Operations and inspections

A. Inspect passenger seat.

- (1) Inspect passenger seat for nicks, cracks, dents, tears in upholstery.
- (2) Inspect passenger seat and controls for proper operation.

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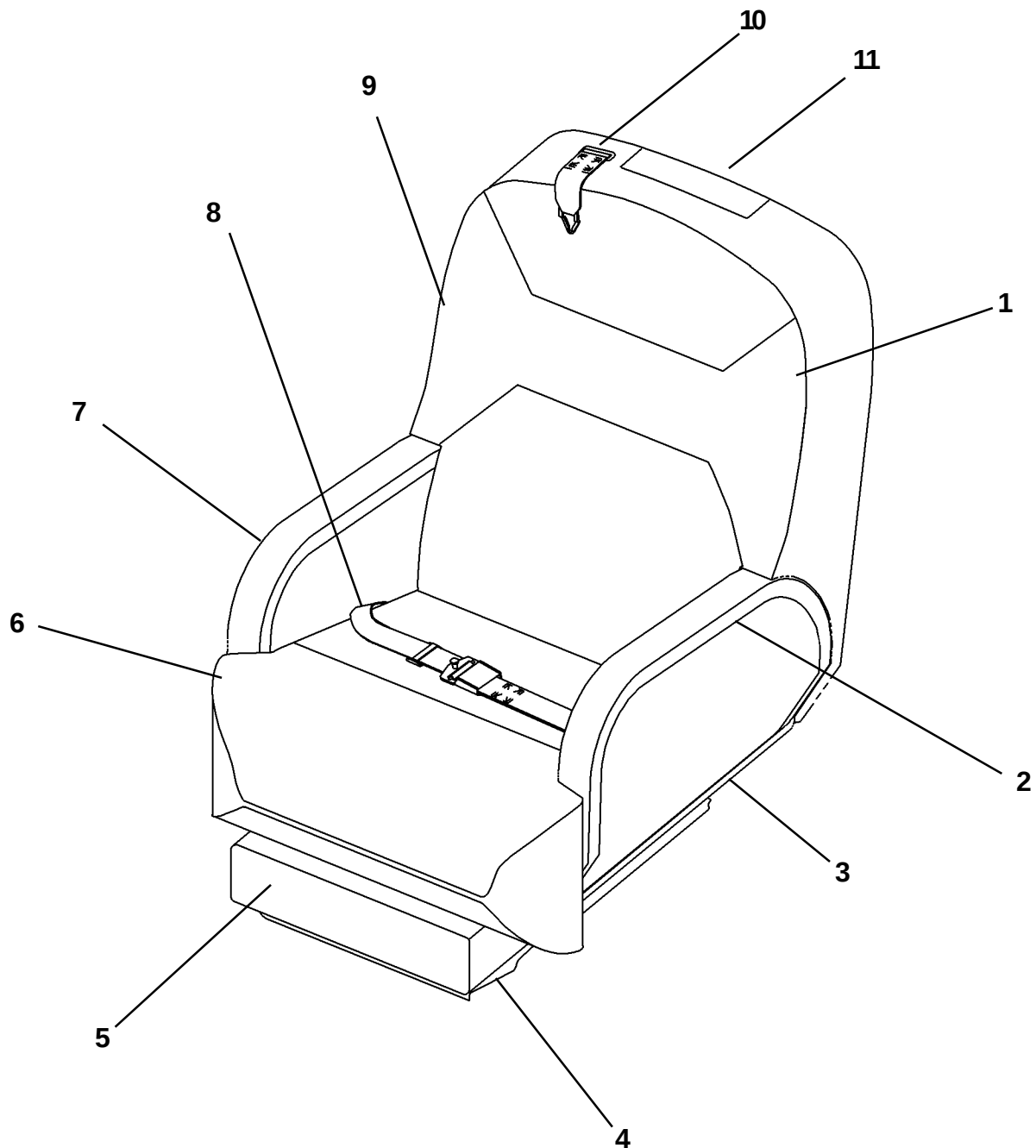
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No.	Part Number	Description	Vendor
-	4611400-3	PASSENGER SEAT ASSY	
-	4611400-4	PASSENGER SEAT ASSY	
1	2524.516.01-110A	SEAT STRUCTURE (-4 seat only)	0BW04
-	2524.516.01-110B	SEAT STRUCTURE (-3 seat only)	0BW04
2	4611332-4	OUTBD ARMREST UPHOL ASSY (-4 seat only)	
-	4611332-3	OUTBD ARMREST UPHOL ASSY (-3 seat only)	
3	4611133-40	PEDESTAL SHROUD UPHOL (-4 seat only)	
-	4611133-39	PEDESTAL SHROUD UPHOL (-3 seat only)	
-	P0723E105PA	PASS LIFEVEST	57399
4	4611133-42	BUCKET SHROUD UPHOL ASSY (-4 seat only)	
-	4611133-41	BUCKET SHROUD UPHOL ASSY (-3 seat only)	
5	4611170-2	SEAT CUSHION ASSY	
-	4611166-47	FILLER FOAM	
6	4611332-2	INBD ARMREST UPHOL ASSY (-4 seat only)	
-	4611332-1	INBD ARMREST UPHOL ASSY (-3 seat only)	
7	4979002-22	3 PT RESTRAINT ASSY (-4 seat only)	
-	4979002-23	3 PT RESTRAINT ASSY (-3 seat only)	
-	AN4-4A	BOLT (shoulder restraint)	
-	MS21042-4	NUT (shoulder restraint)	
-	NAS1149F0432P	WASHER (shoulder restraint)	
8	4611170-42	BACK CUSHION ASSY (-4 seat only)	
-	4611170-1	BACK CUSHION ASSY (-3 seat only)	
-	MS27980-7B	STUD (5 ea)	
-	MS27980-8B	EYELET (5 ea)	
9	4711000-71	WEB GUIDE	
10	4611166-3	HEADREST ASSY	
-	4611137-13	CLOSEOUT	

NOTE: Parts not available as complete installations

NOTE: Life Vests need to be returned to the vendor for inspection every 12 months. The date of original certification is stamped on the vest.

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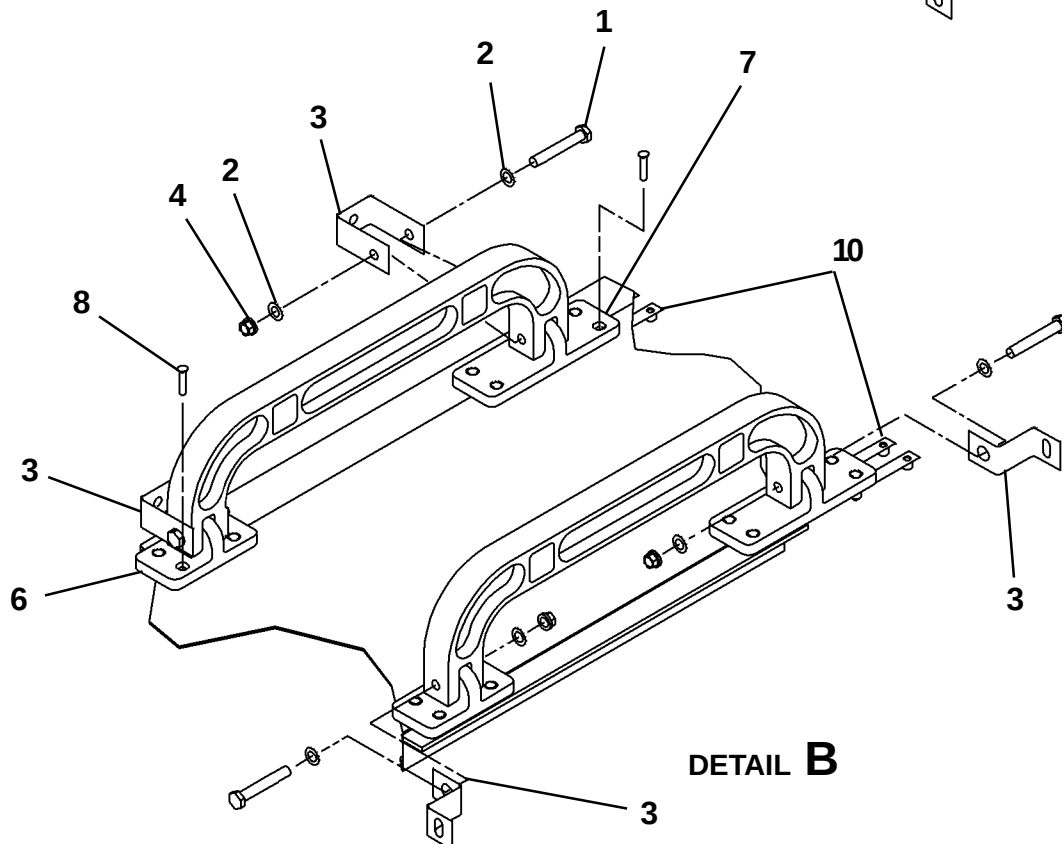
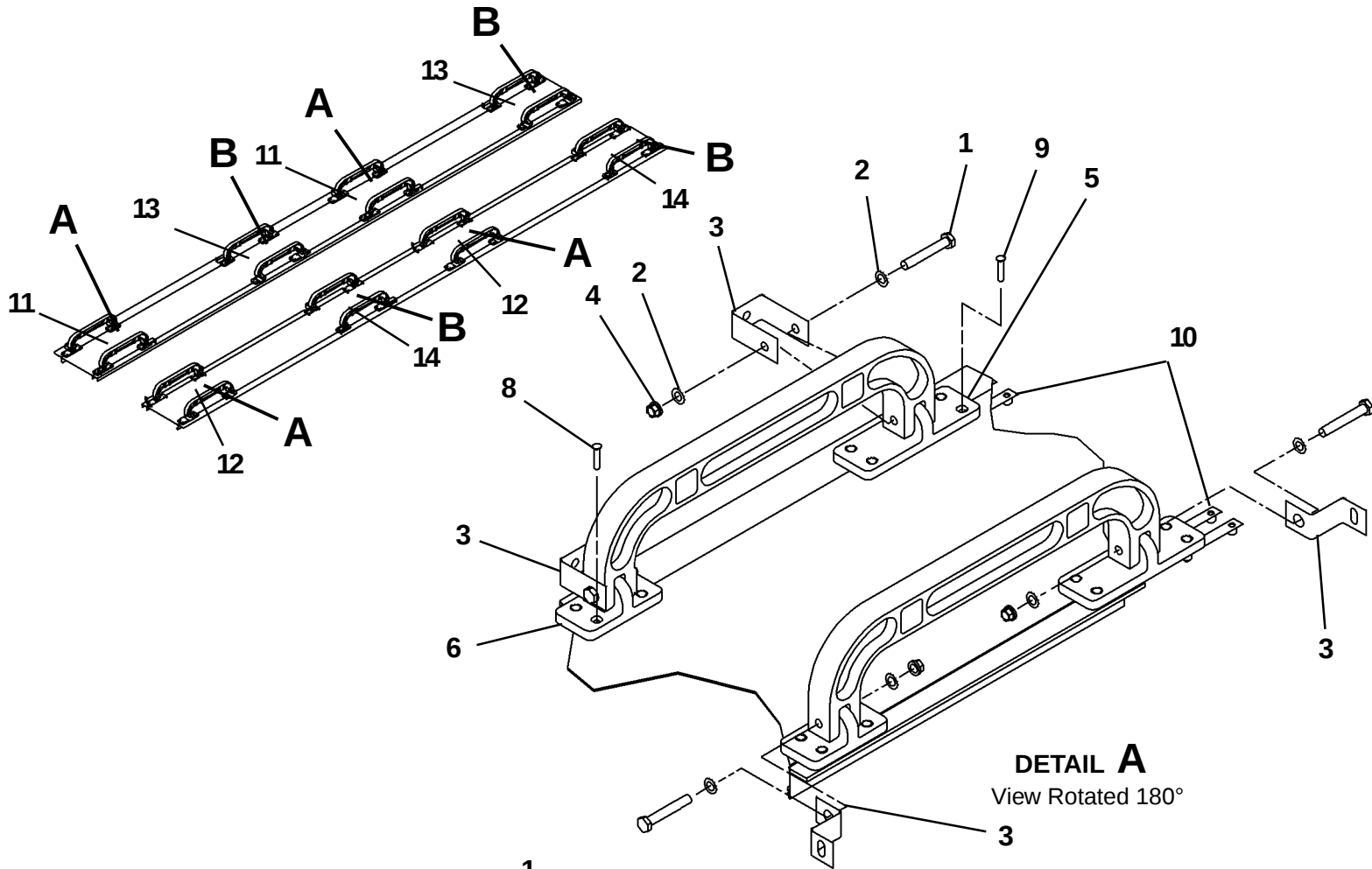
CESSNA AIRCRAFT COMPANY
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 INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

No.	Part Number	Description	Vendor
-	4611180-27	PASSENGER SEAT ASSY	
-	4611180-28	PASSENGER SEAT ASSY	
-	4690026-1	SEAT ARMREST MOD	
-	4690026-2	SEAT ARMREST MOD	
1	2524.516.01-111B	SEAT STRUCTURE (-27 seat only)	0BW04
-	2524.516.01-111A	SEAT STRUCTURE (-28 seat only)	0BW04
2	4611133-35	OUTBD ARMREST UPHOL ASSY (-27 seat only)	
-	4611133-36	OUTBD ARMREST UPHOL ASSY (-28 seat only)	
3	4611133-41	BUCKET SHROUD UPHOL ASSY (-27 seat only)	
-	4611133-42	BUCKET SHROUD UPHOL ASSY (-28 seat only)	
-	MS27980-1N	BUTTON	
-	MS27980-6N	SOCKET	
4	4611133-39	PEDESTAL SHROUD UPHOL (-27 seat only)	
-	4611133-40	PEDESTAL SHROUD UPHOL (-28 seat only)	
-	P0723E105PA	PASS LIFEVEST	57399
5	4611180-22	FOOT REST COVER	
-	4611180-21	FOAM PADDING	
6	4611170-2	SEAT CUSHION ASSY	
7	4611133-37	INBD ARMREST UPHOL ASSY (-27 seat only)	
-	4611133-38	INBD ARMREST UPHOL ASSY (-28 seat only)	
8	4979002-23	3 PT RESTRAINT ASSY (-27 seat only)	
-	4979002-22	3 PT RESTRAINT ASSY (-28 seat only)	
-	AN4-4A	BOLT (shoulder restraint)	
-	MS21042-4	NUT (shoulder restraint)	
-	NAS1149F0432P	WASHER (shoulder restraint)	
9	4611170-1	BACK CUSHION ASSY (-27 seat only)	
-	4611170-42	BACK CUSHION ASSY (-28 seat only)	
10	4711000-71	WEB GUIDE	
11	4611166-3	HEADREST ASSY	
-	4611137-13	CLOSEOUT	

NOTE: Parts not available as complete installations

NOTE: Life Vests need to be returned to the vendor for inspection every 12 months. The date of original certification is stamped on the vest.

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No.	Part Number	Description	Vendor
-	4611315-2	PASSENGER SEAT INSTL	
1	NAS6605-22	BOLT	
2	- - -	WASHER	
3	- - -	SHROUD ATTACMENT (see provided vendor manual sec. 25-20-22)	
4	MS21042L5	NUT	
5	4611128-1	ATTACH FITTING (8 ea)	
6	4611128-3	ATTACH FITTING (16 ea)	
7	4611128-2	ATTACH FITTING (8 ea)	
8	NAS517-3-8	SCREW (128 ea)	
-	4611129-6	NUTPLATE STRIP ASSY (80 ea)	
9	NAS517-3-8	SCREW	
-	4611129-4	NUTPLATE STRIP ASSY (16 ea)	
10	MS35207-263	SCREW (64 ea) not shown	
-	AN960-10L	WASHER (64 ea) not shown	
11	4611400-3	PASSENGER SEAT	
12	4611400-4	PASSENGER SEAT	
13	4611180-28	PASSENGER SEAT	
14	4611180-27	PASSENGER SEAT	

NOTE: Parts not available as complete installations

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PSU INSTALLATION - MAINTENANCE

1 General

- A.** Aircraft feature a long passenger service unit (PSU) overhead on each side of the passenger compartment and two short passenger service units overhead in the lavatory area. Indirect lighting is incorporated in the main passenger service units along both sides of the passenger compartment.
- (1) Refer to section 25-20-25 for maintenance information on the indirect lighting.
 - (2) Refer to Production Maintenance Manual Chapter 21, Overhead Air Distribution System - Maintenance Practices, for information on air ducts in the passenger service units.
 - (3) Refer to Production Maintenance Manual Chapter 35, Passenger Oxygen System - Description and Operation, for information on the oxygen system within the passenger service unit.
 - (4) To prevent damage when installing a PSU, insure electrical wiring is properly clamped, not chafing or being pinched between the PSU and the structure.

2 Removal/Installation

A. Remove PSU

- (1) Disengage Cabin Read and Indirect Lights circuit breakers. Verify that the Emer Lighting switch is off, and the oxygen control is in the off position.
- (2) Remove window reveal as necessary to gain access to attaching hardware securing lower portion of PSU. Refer to section 25-20-27.
- (3) Remove fasteners securing bottom bracket on PSU. Use caution to not damage indirect lighting.
- (4) With a minimum of three people, gently pull down outboard edge of PSU to release clips. Slide PSU upward (inboard), disengage retainers at tip of PSU from brackets, and lower PSU.
- (5) Identify, tag and disconnect electrical wiring bundles.
- (6) Disconnect air ducts and oxygen lines. Cap or plug air ducts and oxygen lines. Refer to Production Maintenance Manual, Chapter 21 - Overhead Air Distribution System, and Chapter 35 - Passenger Oxygen System.
- (7) Remove PSU from aircraft.

B. Install PSU

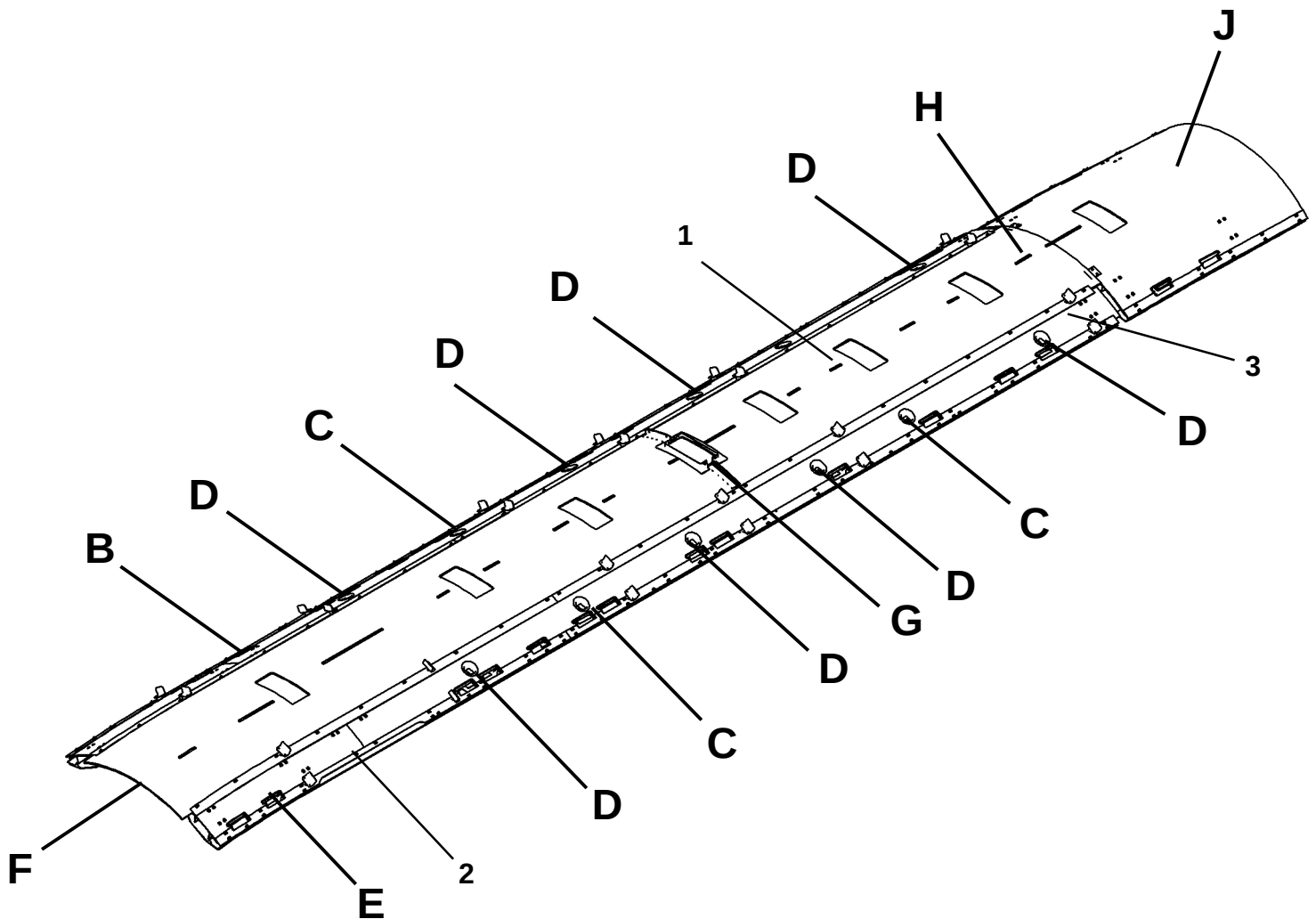
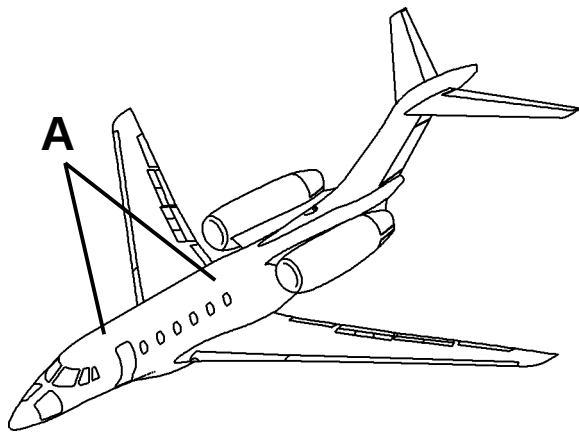
- (1) Using a minimum of three people, position PSU and connect air ducts, oxygen lines and electrical wiring. Refer to Production Maintenance Manual, Chapter 21 - Overhead Air Distribution System, and Chapter 35 - Passenger Oxygen System. Use caution when positioning PSU to avoid damage to indirect lighting.
- (2) Engage Cabin Read and Indirect Lights circuit breakers and operation test lights prior to securing PSU to structure.
- (3) Position Emer Lighting switch to the on position and operation test emergency lighting.
- (4) Engage retainers on inboard portion of PSU into brackets and swing outboard edge of PSU upward until it snaps into place.
- (5) Verify that the PSU (right hand side) does not interfere with removal of the emergency exit door.
- (6) Install window reveals. Refer to section 25-20-27.

3 Operations and inspections

A. Inspect PSU

- (1) Inspect the PSU for damage and security of installation.
- (2) Inspect the PSU electrical components for evidence of arcing, shorting, or overheating.

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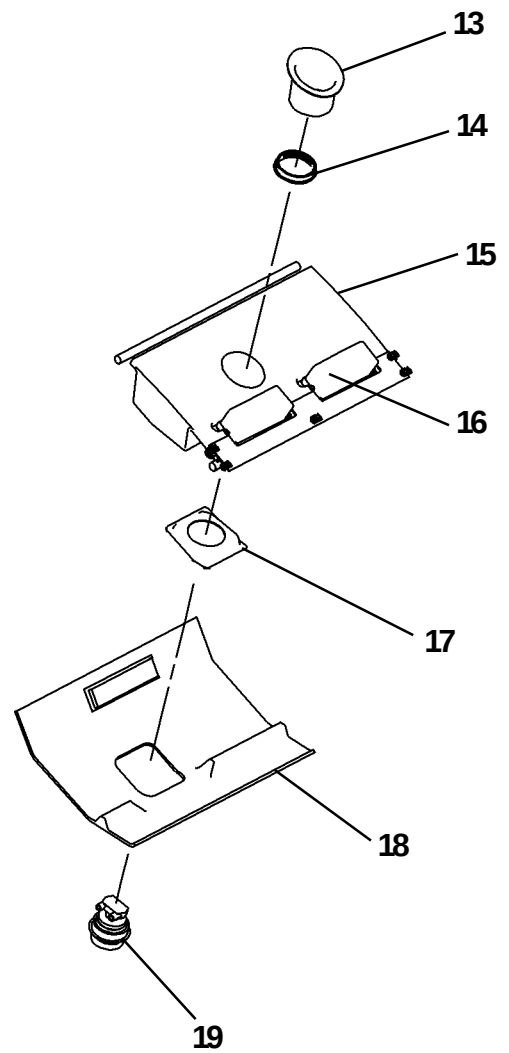
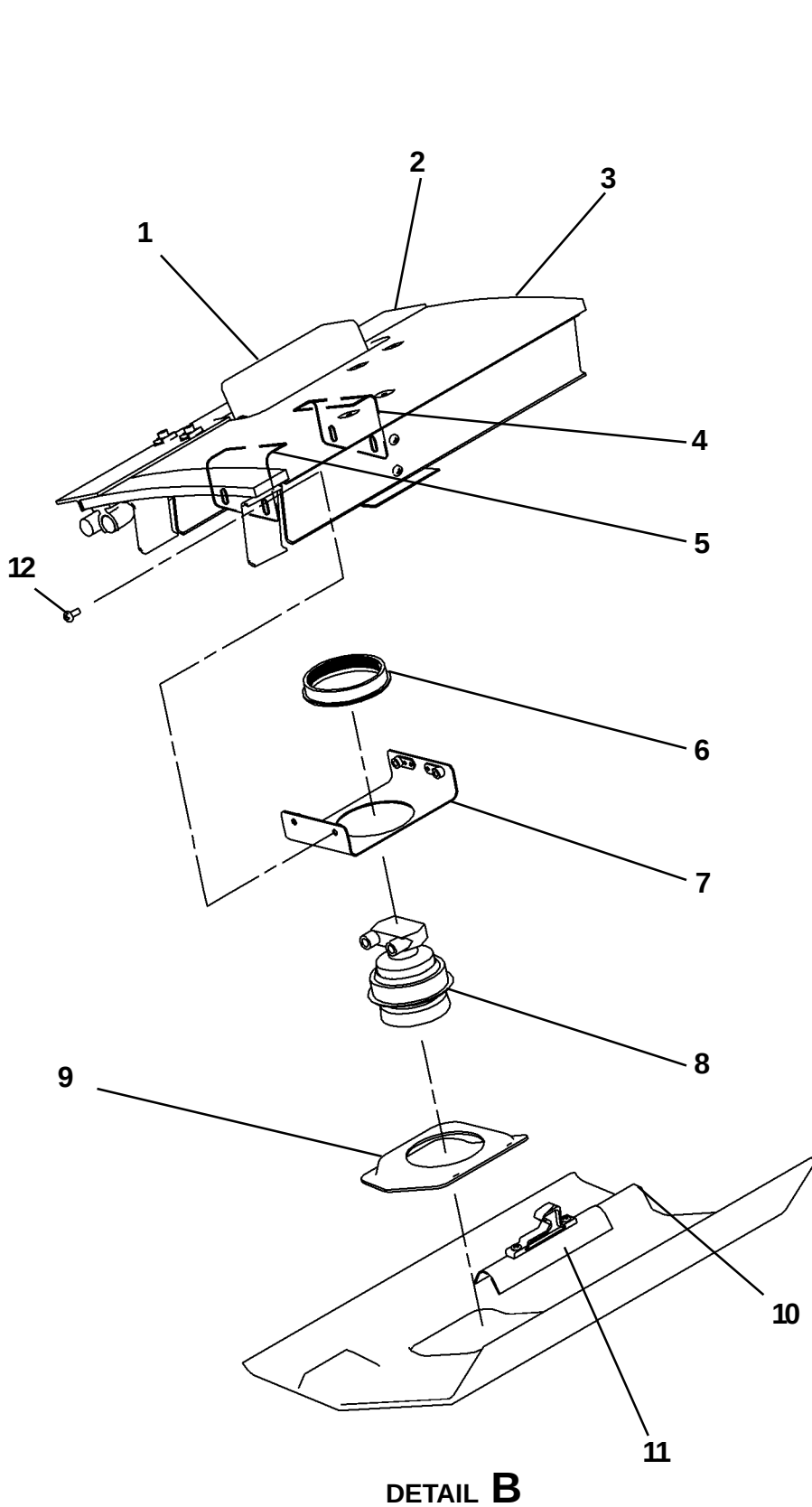


CESSNA AIRCRAFT COMPANY
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No.	Part Number	Description	Vendor
-	4611351-1	PSU FACIA INSTL	
1	4611096-1	HEADLINER INSTL, CABIN	
2	4616012-1	PLACARD	
3	4611088-11	GRILL, TEMP SENSOR	
4	4611096-2	HEADLINER INSTL, TOILET AREA	

NOTE: Parts not available as complete installations

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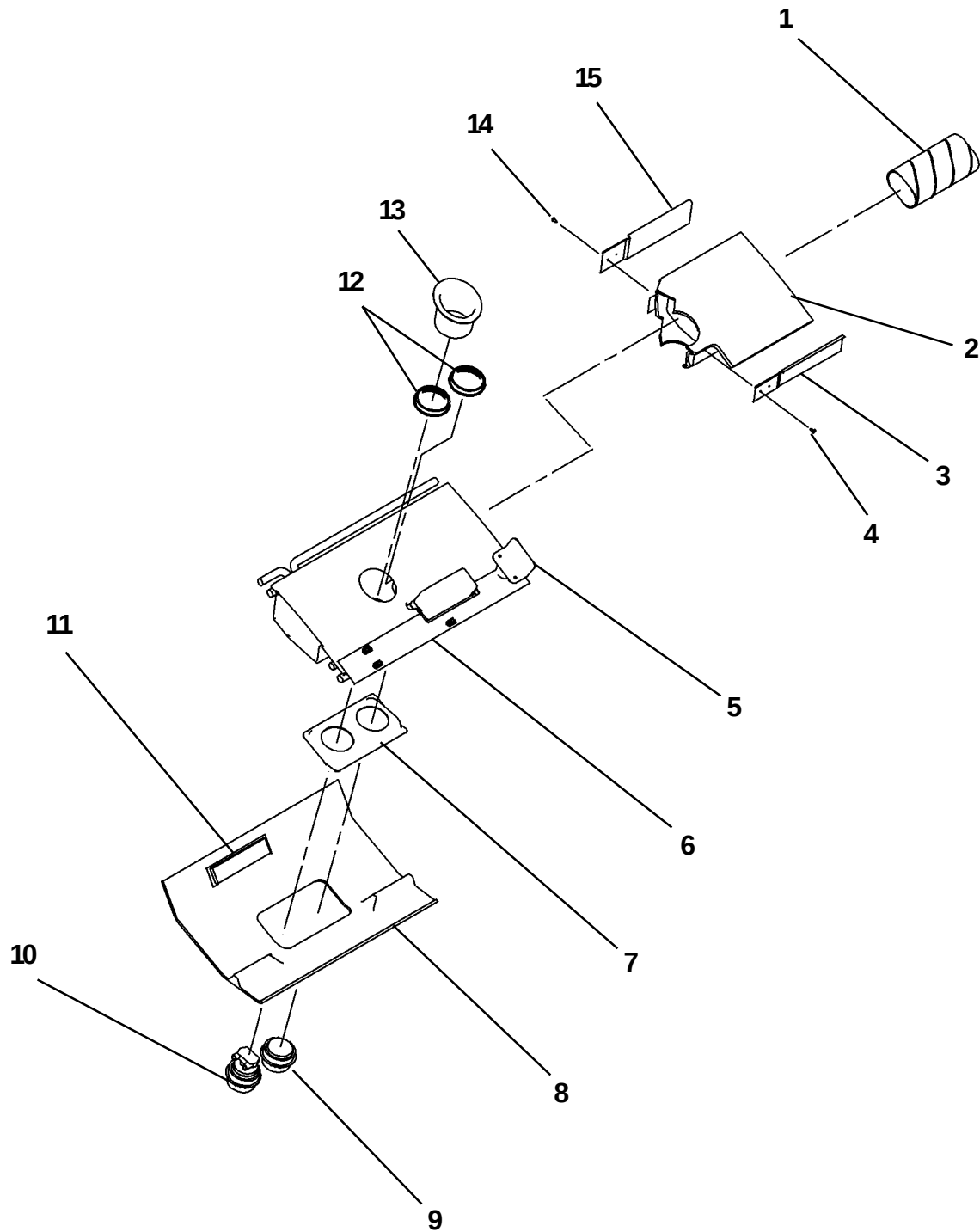
DETAIL C

CESSNA AIRCRAFT COMPANY
MODEL 750
 INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

No.	Part Number	Description	Vendor
-	4611351-1	PSU FASCIA INSTL	
1	- - -	INDIRECT LIGHTING POWER SUPPLY (refer to section 25-20-26)	
2	6719008-90	TEE ASSY, RH UPPER FWD OUTBD	
3	6719054-92	RH OVERHEAD DUCT ASSY	
4	6719054-41	BRACKET ANGLE	
5	6719054-40	BRACKET ANGLE	
6	4611875-6	WEMAC ISOLATOR - LOWER	
-	4611875-7	WEMAC ISOLATER - UPPER	
7	6719054-42	BRACKET PAN	
8	2640	LIGHT	83564
9	4611317-1	CLOSEOUT CUP	
10	4611351-2	COVER	
11	4611088-10	KEEPER ASSY	
-	C3-210P	DOOR LATCH GRABBER	94222
-	S1021A4-6	SCREW	
12	MS35206-227	SCREW	
13	4611317-2	CLOSEOUT CUP	
14	4611875-6	WEMAC ISOLATOR - LOWER	
-	4611875-7	WEMAC ISOLATER - UPPER	
15	6719054-91	LH OVHD DUCT BOND ASSY (shown)	
-	6719054-92	RH OVHD DUCT BOND ASSY (opposite)	
16	- - -	INDIRECT LIGHTING POWER SUPPLY (refer to section 25-20-26)	
17	4611317-1	CLOSEOUT CUP	
18	4611351-3	COVER	
19	2640	LIGHT	83564

NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
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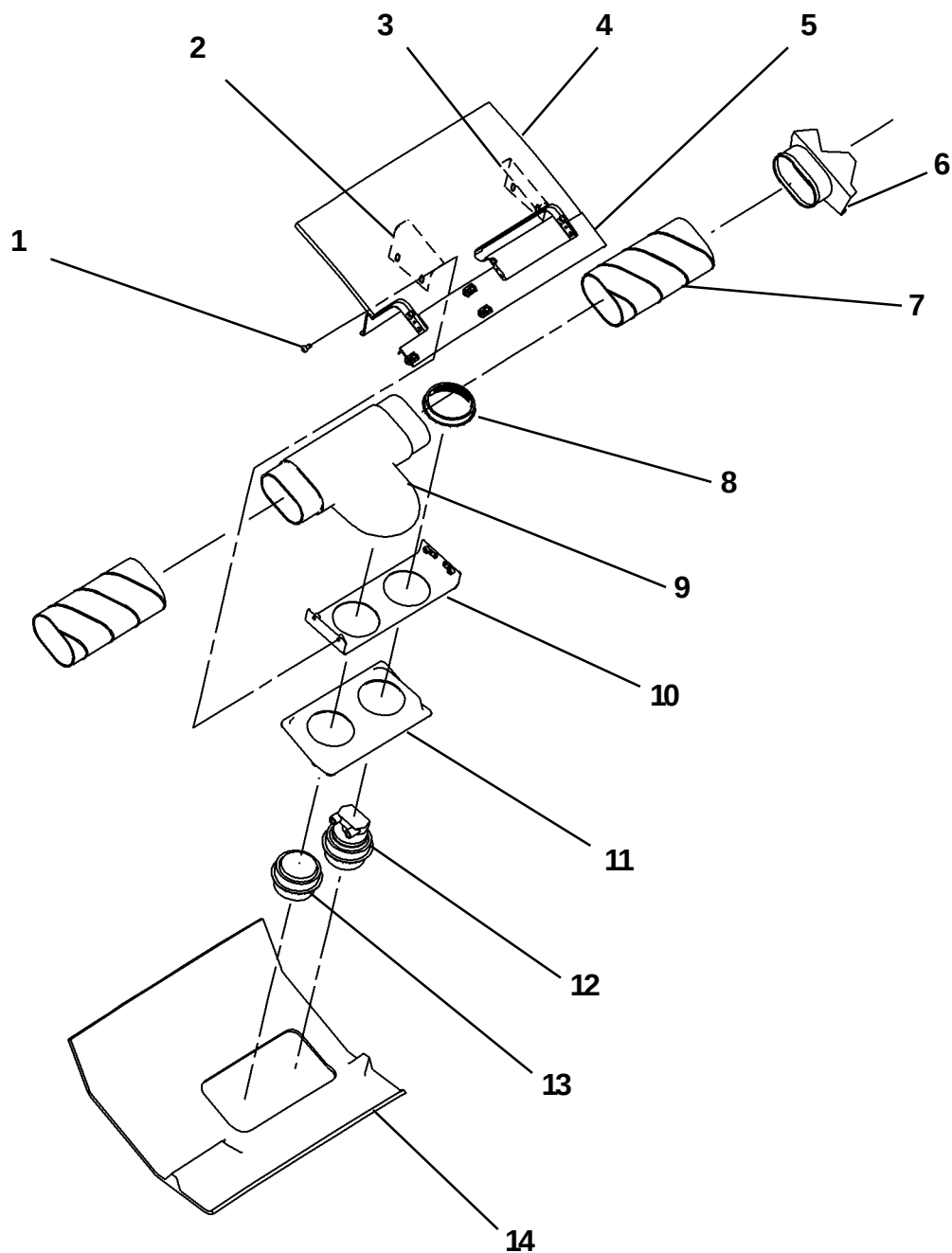
DETAIL D

CESSNA AIRCRAFT COMPANY
MODEL 750
 INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

No.	Part Number	Description	Vendor
-	4611351-1	PSU FASCIA INSTL	
1	- - -	FLEXIBLE DUCT	
2	6719054-91	LH OVERHEAD DUCT BOND ASSY	
3	6719054-80	REFLECTOR	
4	MS35206-227	SCREW (4 ea)	
5	6719008-91	ATTACH BRACKET ASSY (outbd)	
6	- - -	TEE ASSY, LH UPPER OUTBD	
7	4611317-2	CLOSEOUT CUP	
8	4611351-3	COVER	
9	1205-1	AIR OUTLET	83564
10	2640	LIGHT	83564
11	4611224-1	MICROPHONE INSTL	
-	NVX1004-1	MICROPHONE	
-	4611224-2	SPACER	
-	S2092	HOOK & PILE FASTENER	
12	4611875-6	WEMAC ISOLATOR - LOWER	
-	4611875-7	WEMAC ISOLATER - UPPER	
13	6719054-86	LIGHT WEMAC CUP INSTL	
14	S1021A4-6B	SCREW (2 ea)	
15	6719054-53	REFLECTOR, LH INBD	

NOTE: Parts not available as complete installations

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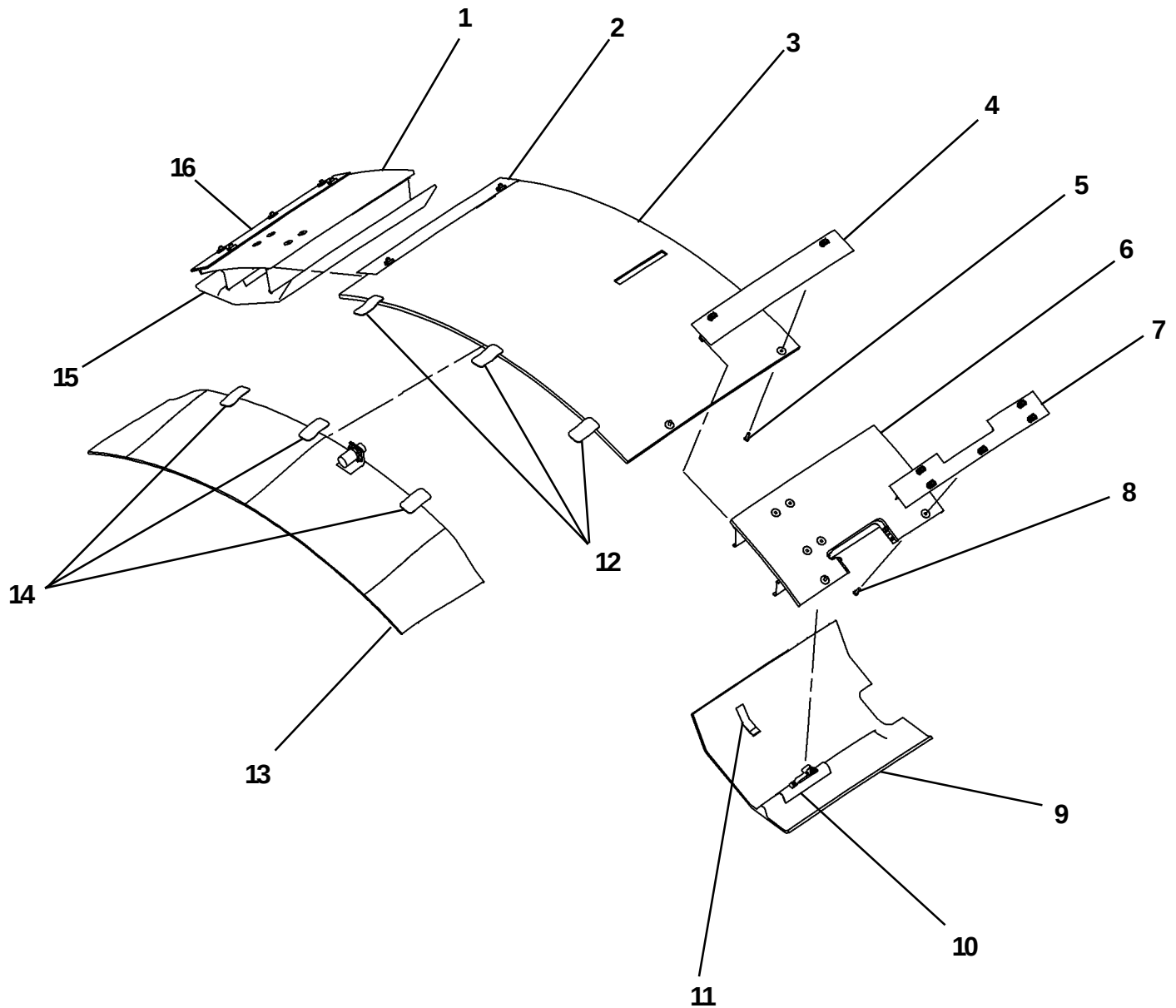
DETAIL E

CESSNA AIRCRAFT COMPANY
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 INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

No.	Part Number	Description	Vendor
-	4611351-1	PSU FASCIA INSTL	
1	MS35206-227	SCREW (4 ea)	
2	6719054-41	BRACKET ANGLE	
3	6719054-40	BRACKET ANGLE	
4	6719054-91	LH OVERHEAD DUCT BOND ASSY	
5	6719008-89	TEE ASSY, LH UPPER FWD OUTBD	
6	6719054-71	END CAP	
7	BWT11050-1	FLEXIBLE DUCT	
8	4611875-6	WEMAC ISOLATOR - LOWER	
-	4611875-7	WEMAC ISOLATER - UPPER	
9	BWT9531-1	PLENUM	
10	6719054-46	BRACKET PAN	
11	4611317-2	CLOSEOUT CUP	
12	2640	LIGHT	83564
13	1205-1	AIR OUTLET	83564
14	4611351-3	COVER	

NOTE: Parts not available as complete installations

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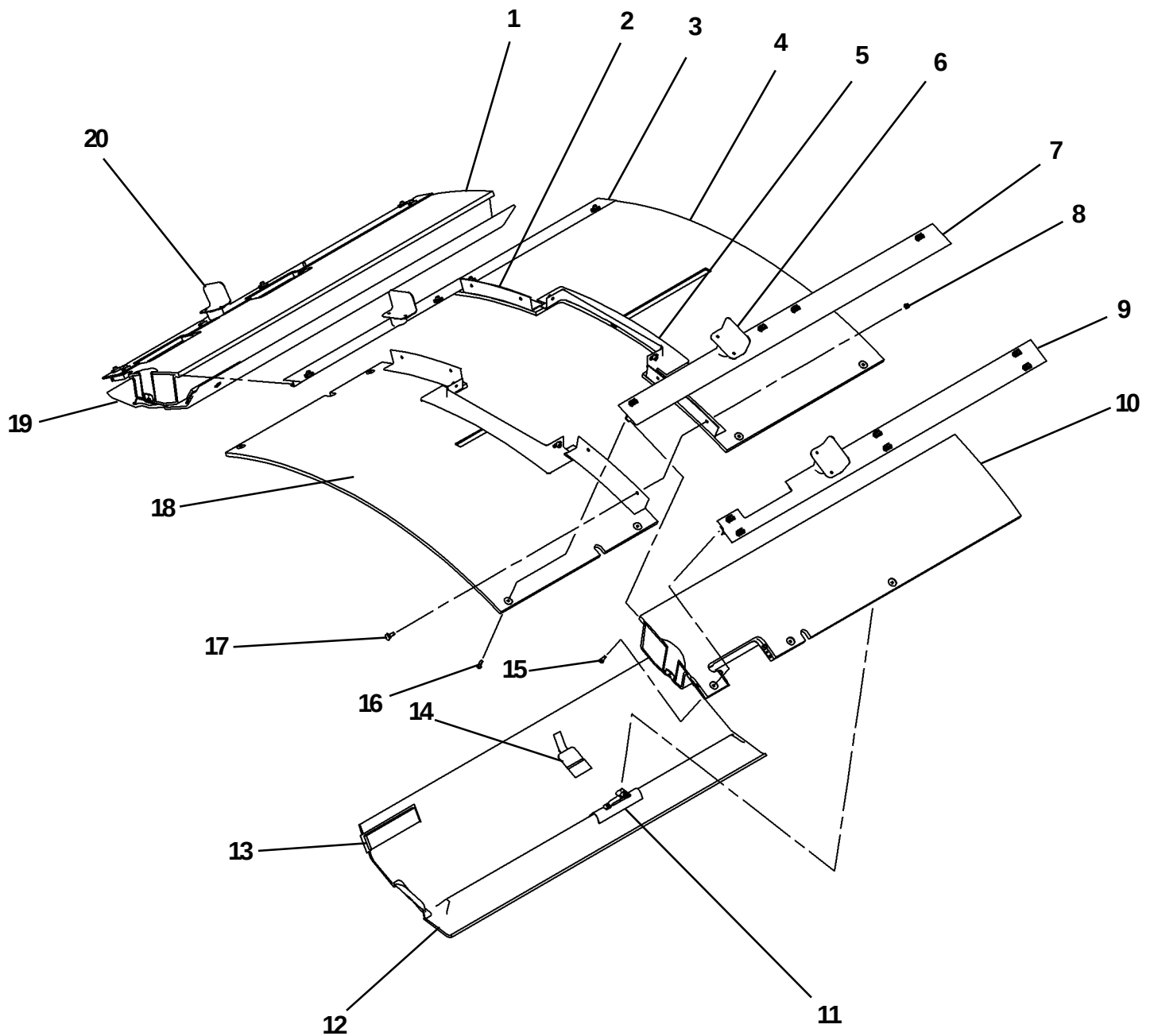
DETAIL F

CESSNA AIRCRAFT COMPANY
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No.	Part Number	Description	Vendor
-	4611351-1	PSU FASCIA INSTL	
1	6719054-92	RH OVERHEAD DUCT ASSY	
2	6719008-10	TEE ASSY, RH UPPER FWD INBD	
3	6719083-1	CENTER OVERHEAD PANEL FWD ASSY	
4	6719008-9	TEE ASSY, LH UPPER FWD INBD	
5	MS24694S6	SCREW	
6	6719054-91	LH OVERHEAD DUCT BOND ASSY	
7	6719008-89	TEE ASSY, LH UPPER FWD OUTBD	
8	MS24694S6	SCREW	
9	4611351-3	COVER	
10	4611088-10	KEEPER ASSY	
-	C3-210P	DOOR LATCH GRABBER	94222
-	S1021A4-6	SCREW	
11	4611088-8	ANGLE CLIP	
12	4611094-16	FINGER BRACKET	
13	- - -	COCKPIT OVERHEAD PANEL ASSY (refer to sec 25-10-12)	
14	4611094-16	FINGER BRACKET	
15	4611351-2	COVER	
16	6719008-90	TEE ASSY, RH UPPER FWD OUTBD	

NOTE: Parts not available as complete installations

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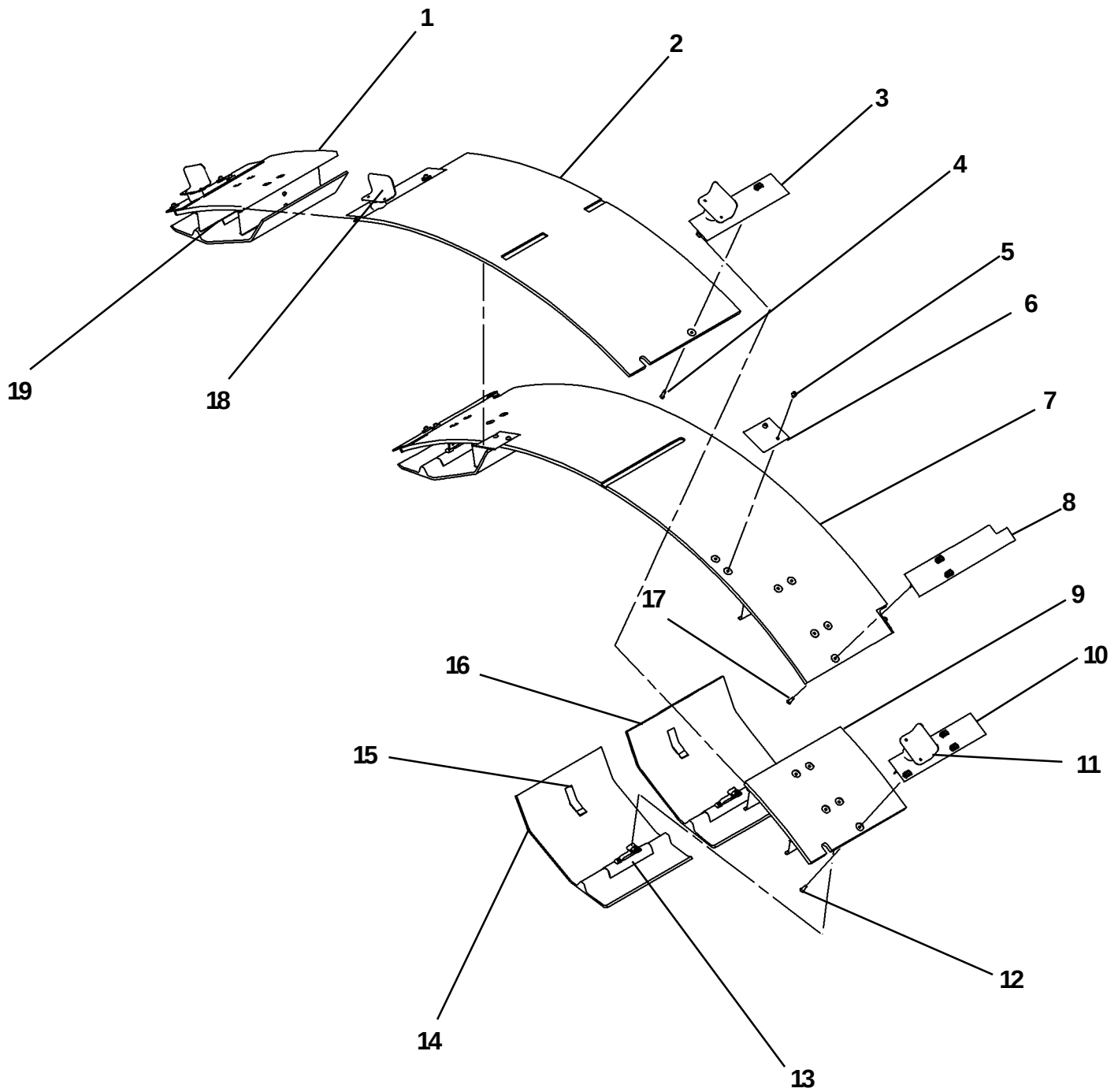
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CESSNA AIRCRAFT COMPANY
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 INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

No.	Part Number	Description	Vendor
-	4611351-1	PSU FASCIA INSTL	
1	6719054-92	RH OVERHEAD DUCT ASSY	
2	6719083-2	CURVED SUPPORT BRACKET (4 ea)	
3	6719008-132	TEE ASSY, RH AFT UPPER INBD	
4	6719083-5	CENTER OVERHEAD PANEL AFT	
5	6719083-6	SPEAKER BRACKET ASSY (2 ea)	
6	6719008-92	ATTACH BRACKET ASSY (inbd)	
7	6719008-133	TEE ASSY, LH AFT UPPER INBD	
8	AN3C3	NUT (2 ea)	
9	6719008-87	TEE ASSY, LH UPPER AFT OUTBD	
-	6719008-88	TEE ASSY, RH UPPER AFT OUTBD (opposite-not shown)	
10	6719054-91	LH OVERHEAD DUCT BOND ASSY	
11	4611088-10	KEEPER ASSY	
-	C3-210P	DOOR LATCH GRABBER	94222
-	S1021A4-6	SCREW	
12	4611351-3	COVER	
13	4611224-1	MICROPHONE INSTL	
-	NVX1004-1	MICROPHONE	
-	4611224-2	SPACER	
-	S2092	HOOK & PILE FASTENER	
14	4611088-8	ANGLE CLIP	
15	MS24694S6	SCREW	
16	MS24694S6	SCREW	
17	MS21042-3	SCREW (2 ea)	
18	6719083-1	CENTER OVERHEAD PANEL FWD ASSY	
19	4611351-2	COVER	
20	6719008-91	ATTACH BRACKET ASSY (outbd)	

NOTE: Parts not available as complete installations

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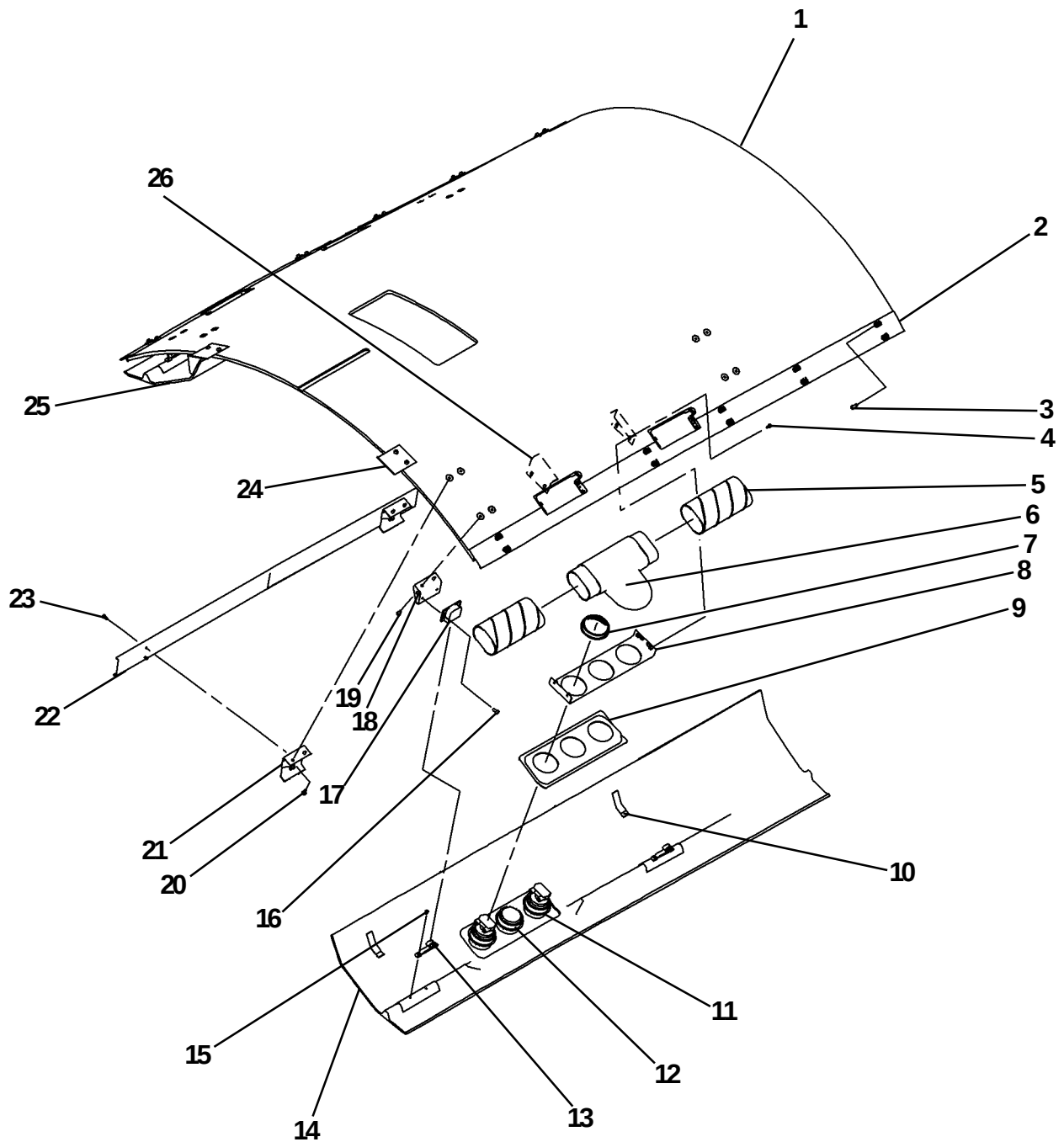
DETAIL H

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 INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

No.	Part Number	Description	Vendor
-	4611351-1	PSU FASCIA INSTL	
1	6719054-92	RH OVERHEAD DUCT ASSY	
2	6719018-1	CENTER OVERHEAD PANEL ASSY	
3	6719008-133	TEE ASSY, LH AFT UPPER INBD	
-	6719008-132	TEE ASSY, RH AFT UPPER INBD (opposite)	
4	MS24694S6	SCREW	
5	MS35206-241	SCREW	
6	6719037-31	CLIP	
7	6719037-25	AFT CENTER OVERHEAD PANEL ASSY	
8	6719008-112	TEE ASSY, LH UPPER LAV AREA	
-	6719008-113	TEE ASSY, RH UPPER LAV AREA (opposite-not shown)	
9	6719054-91	LH OVERHEAD DUCT BOND ASSY	
10	6719008-87	TEE ASSY, LH UPPER AFT OUTBD	
-	6719008-88	TEE ASSY, RH UPPER AFT OUTBD (opposite-not shown)	
11	6719008-91	ATTACH BRACKET ASSY (outbd)	
12	MS24694S6	SCREW	
13	4611088-10	KEEPER ASSY	
-	C3-210P	DOOR LATCH GRABBER	94222
-	S1021A4-6	SCREW	
14	4611351-3	COVER	
15	4611088-8	ANGLE CLIP	
16	4611092-17	COVER	
17	MS24694S6	SCREW	
18	6719008-92	ATTACH BRACKET ASSY (inbd)	
19	4611351-2	COVER	

NOTE: Parts not available as complete installations

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DETAIL J

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No.	Part Number	Description	Vendor
-	4611351-1	PSU FASCIA INSTL	
-	4611351-5	COVER-LH TOILET AREA	
-	4611351-4	COVER-RH TOILET AREA (not shown)	
1	6719037-25	AFT CENTER OVERHEAD PANEL ASSY	
2	6719008-112	TEE ASSY, LH UPPER LAV AREA	
-	6719008-113	TEE ASSY, RH UPPER LAV AREA (opposite-not shown)	
3	MS24694S6	SCREW	
4	MS35206-227	SCREW	
5	BWT9531-4	FLEXIBLE DUCT	
6	BWT9531-1	PLENUM	
7	4811875-6	WEMAC ISOLATOR-LOWER	
-	4811875-7	WEMAC ISOLATOR-UPPER	
8	6719054-44	BRACKET PAN	
9	4611317-3	CLOSEOUT CUP	
10	4611088-8	ANGLE CLIP	
11	2640	LIGHT	83564
12	1205-1	AIR OUTLET	83564
13	4611088-10	KEEPER ASSY	
-	C3-210P	DOOR LATCH GRABBER	94222
14	6719054-95	COVER	
15	S1021A4-6	SCREW	
16	MS35206-227	SCREW	
17	C3-10	DOOR LATCH GRABBER	94222
18	6719054-36	AFT OUTBD FASCIA SUPPORT ASSY	
19	MS35206-242	SCREW	
20	MS35206-242	SCREW	
21	6719054-32	AFT INBD FASCIA SUPPORT ASSY	
22	6719054-63	LH REFLECTOR	
-	6719054-64	RH REFLECTOR (opposite-not shown)	
23	MS35206-227	SCREW	
24	6719037-31	CLIP	
-	MS35206-241	SCREW	
25	6719054-96	COVER	
26	6719054-40	BRACKET ANGLE	
-	6719054-41	BRACKET ANGLE	

NOTE: Parts not available as complete installations

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INDIRECT LIGHTING - MAINTENANCE

1 General

A. This section covers the indirect lighting found along the overhead PSU panels.

- (1) To gain access to the indirect lighting it is first necessary to remove the PSU Cover Panel(s) found on the overhead ceiling panels. Refer to section 25-20-23.
- (2) An initial test must be performed on electrical components for evidence of arcing, shorts, or overheating. Insure security of installation and proper operation prior to installing the PSU Cover.

2 Removal/Installation

A. Remove Indirect Lighting

- (1) Disengage the PSU Circuit Breaker located in the aft bulkhead closet under the lower left hand shelf.
- (2) Remove the PSU Cover. It is held in place by plastic catches on the outboard side and tabs on the inboard side. Grasp the outboard side and gently pull in a downward direction. The PSU Cover will swing down and inboard and will slip off the tabs on the inboard side.
- (3) Identify and tag the PSU Cover for installation.
- (4) Disconnect the wire bundle(s) from the indirect neon light(s) and identify / tag for installation.
- (5) Remove the indirect neon light(s) from their plastic retainers and identify for installation.

B. Install Indirect Lighting

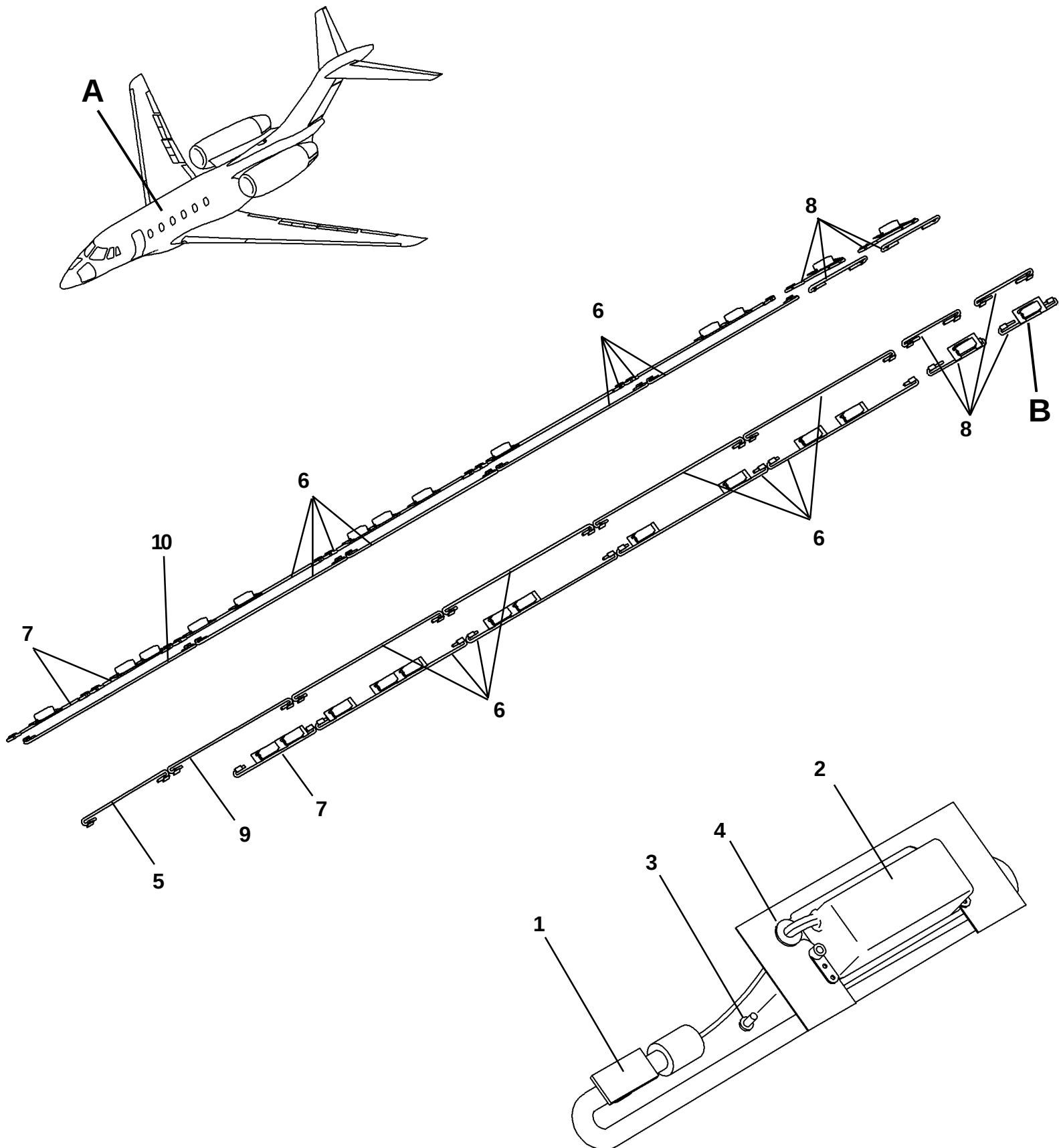
- (1) Identify the indirect neon light(s) and install in their plastic retainers.
- (2) Identify and connect the wire bundle(s) to the indirect neon lighting.
- (3) Identify and locate the PSU and hang on the inboard tabs. Swing PSU outboard and up until it snaps into place.
- (4) Engage the PSU Circuit Breaker located in the aft bulkhead closet under the lower left hand shelf.

3 Operations and inspections

A. Inspect Indirect Lighting Installation

- (1) Inspect the PSU for nicks, scratches, and security of installation. Inspect the PSU electrical components for proper operation, and evidence of arcing, shorting, or overheating.

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No.	Part Number	Description	Vendor
-	6719023-2	INDIRECT LIGHTING INSTL	
-	4690030-2	INDIRECT LIGHTING INSTL MOD	
-	4611200-2	INDIRECT LIGHTING MOD	
1	6719054-38	LIGHT CLIP ASSY	
2	AL-750PS	POWER SUPPLY	
3	MS35206-243	SCREW (2 ea location)	
4	MS35489-6	GROMMET (1 ea location)	
5	AL-1245-T-560B	HOOKED BULB	
6	AL-1245-T-975B	HOOKED BULB	
7	AL-1245-T-533B	HOOKED BULB	
8	AL-1245-T-838B	HOOKED BULB	
9	AL-1245-T-803B	HOOKED BULB	
10	AL-1245-T-1112B	HOOKED BULB	

NOTE: Parts not available as complete installations

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WINDOW REVEAL PANEL INSTALLATION - MAINTENANCE

1 General

- A. The Window Reveal Panel Installation includes (2) panels on the right side and (1) panel on the left side. The panels are located along the sides of the cabin, between the sideledges and the overhead PSU.
- (1) The Window Reveal Panels are held in place with screws and washers at the top and an upward facing channel along the lower edge. There are approximately (20) screws on the forward right hand panel, (3) on the aft right hand panel, and (20) on the left hand panel.
 - (2) It is necessary to remove the PSU Cover and the indirect neon lighting prior to removing the Window Reveal Panel(s).
 - (3) An initial test must be performed on electrical components for evidence of arcing, shorting, or overheating. Insure security of installation and proper operation prior to securing the screws and washers into the Window Reveal Panel(s).
 - (4) An electrical component test should also be performed on the PSU Indirect Neon Lighting prior to installation of the PSU Cover.

2 Removal/Installation

A. Remove Window Reveal(s)

- (1) Disengage the PSU, and Electric Window Shade Circuit Breakers located in the aft bulkhead closet under the lower left hand shelf.
- (2) Remove the PSU cover. It is held in place by plastic catches on the outboard side and tabs on the inboard side. Grasp the outboard side and gently pull in a downward direction. The PSU cover will swing down and inboard and will slide off the tabs on the inboard side.
- (3) Identify and tag the PSU cover for installation.
- (4) Disconnect the wire bundles from the Indirect Neon Lighting. Identify and tag wiring for installation.
- (5) Remove the Indirect Neon Light(s) from their plastic retainers, identify and tag for installation.
- (6) Remove the screws on the upper side of the Window Reveal Panel. Gently allow the Window Reveal Panel to lean inboard. Disconnect the wire bundles from the control switches, identify and tag for installation.
- (7) Remove the Window Reveal Panel by lifting out of the channel along its lower edge. Identify and tag for installation.

B. Install Window Reveal(s)

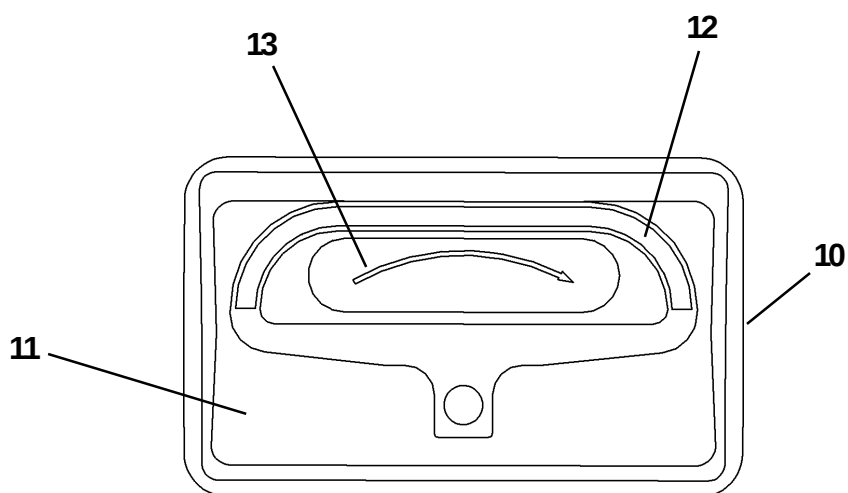
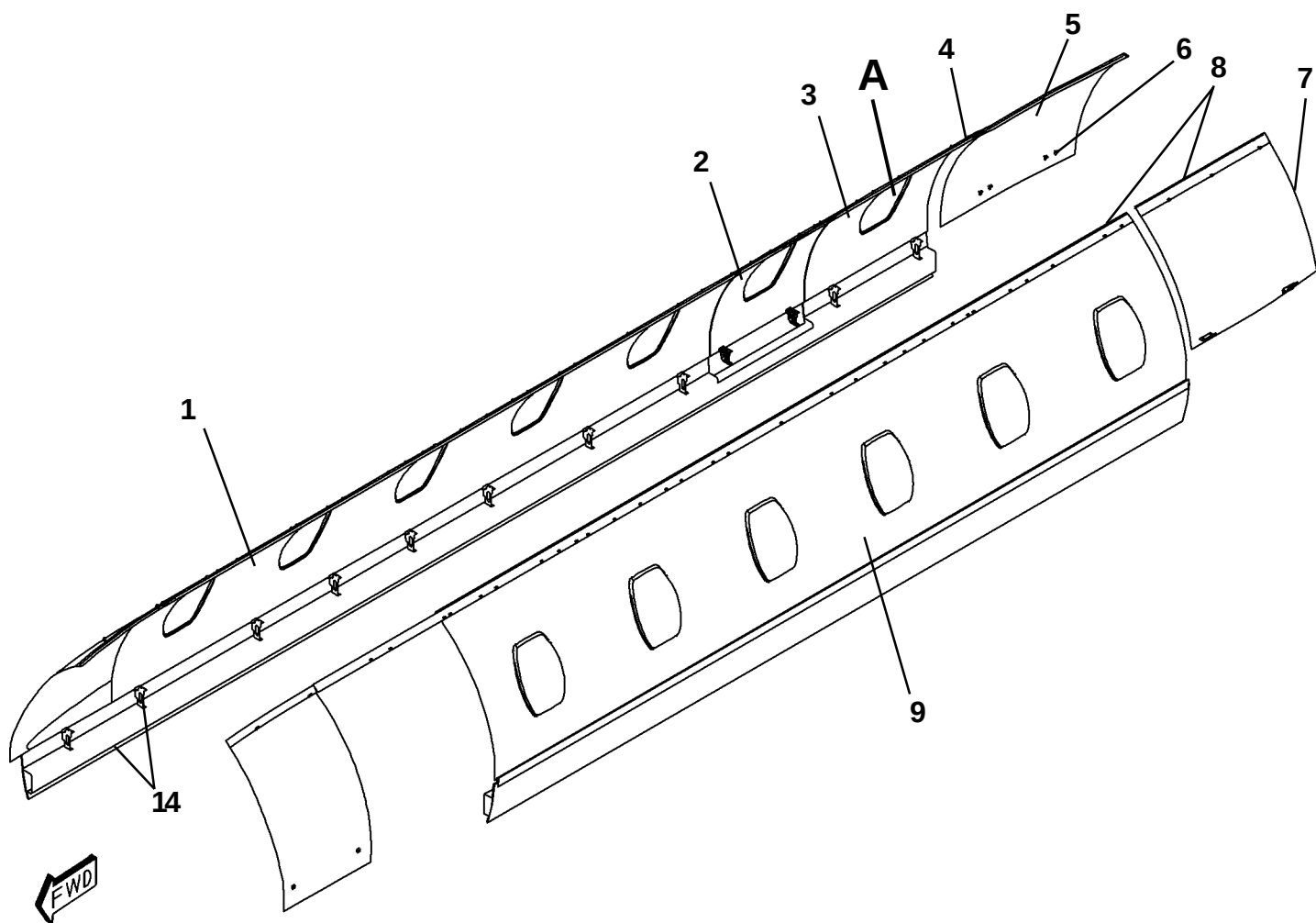
- (1) Identify the correct Window Reveal Panel to be installed and locate the lower edge in the upward facing channel.
- (2) Locate and identify the wire bundles, and connect to the Window Reveal Panel Switches.
- (3) Install the screws and washers that secure the upper edge of Window Reveal Panel to the structure.
- (4) Identify and install the Indirect Neon Light(s) in their correct location(s).
- (5) Identify and connect the wire bundles to the Indirect Neon Lighting.
- (6) Identify the correct PSU cover and locate it on the inboard tabs. Swing the outboard edge up until the PSU snaps into place.

3 Operations and inspections

A. Inspect Window Reveal(s)

- (1) Inspect the Window Reveal(s) and PSU Cover(s) for damage and security of installation. Inspect the Window Reveal and PSU Electrical components for proper operation and evidence of arcing, shorting, or overheating.

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DETAIL A

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No.	Part Number	Description	Vendor
-	4611151-25,-23	LH WINDOW REVEALS INSTL	
-	4611151-24,-26,-30,-18	RH WINDOW REVEALS INSTL	
1	4611151-24	RH FWD CABIN WINDOW REVEAL INSTL	
-	4611150-20	RH CABIN WINDOW REVEAL ASSY	
-	MS35206-331	SCREW (14 EA)	
-	AN960-8	WASHER (14 EA)	
2	4611151-26	ESCAPE HATCH WINDOW REVEAL INSTL	
-	4611150-28	ESCAPE HATCH CABIN WINDOW REVEAL ASSY	
-	MS35206-243	SCREW (2 EA)	
-	AN960-8	WASHER (2 EA)	
3	4611151-30	RH AFT CABIN WINDOW REVEAL INSTL	
-	4611150-24	RH AFT CABIN WINDOW REVEAL ASSY	
-	MS35206-331	SCREW (3 EA)	
-	AN960-8	WASHER (3 EA)	
4	- - -	TRACK ASSY (REF)	
5	4611151-18	RH TOILET AREA REVEAL INSTL	
-	4611150-30	RH TOILET AREA REVEAL ASSY	
-	MS35206-331	SCREW (3 EA)	
-	AN960-8	WASHER (3 EA)	
6	MS35206-245	SCREW (4 EA)	
-	S1450-2-14-032	WASHER (4 EA)	
7	4611151-23	LH TOILET AREA REVEAL INSTL	
-	4611150-17	LH TOILET AREA REVEAL ASSY	
-	MS35206-331	SCREW (3 EA)	
-	AN960-8	WASHER (3 EA)	
8	- - -	TRACK ASSY (REF)	
9	4611151-25	LH CABIN WINDOW REVEAL INSTL	
-	4611150-19	LH CABIN WINDOW REVEAL ASSY	
-	MS35206-331	SCREW (3 EA)	
-	AN960-8	WASHER (3 EA)	
10	4611151-11	PAN ASSY	
-	4611149-9	PAN	
-	4919057-7	MOUNTING PLATE	
-	MS24693S2	SCREW	
-	NAS1149C0532R	WASHER	
-	MS21042L4	NUT	
11	4611151-9	COVER ASSY	
-	4611149-5	COVER	
-	4919056-2	PLACARD	
12	4616006-4	HANDLE MARKER	
13	4616006-1	PLACARD	
14	- - -	REFER TO TABLE INSTL	

NOTE: Parts not available as complete installations

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BACKSPLASH - MAINTENANCE

1 General

- A. The backsplash panels are located along the sides of the passenger compartment, between the sideledge assemblies and the window reveals.

2 Removal/Installation

A. Remove Backsplash

- (1) Remove PSU panels (Refer to section 25-20-23).
- (2) Remove window reveal(s) (Refer to section 25-20-27).
- (3) Remove nuts/washers securing backsplash to bracketry.
- (4) Disconnect wiring bundles from switch panels, identify and tag for installation.
- (5) Remove backsplash by pulling the panel gently inboard.
- (6) Identify and tag backsplash for installation.

B. Install Backsplash

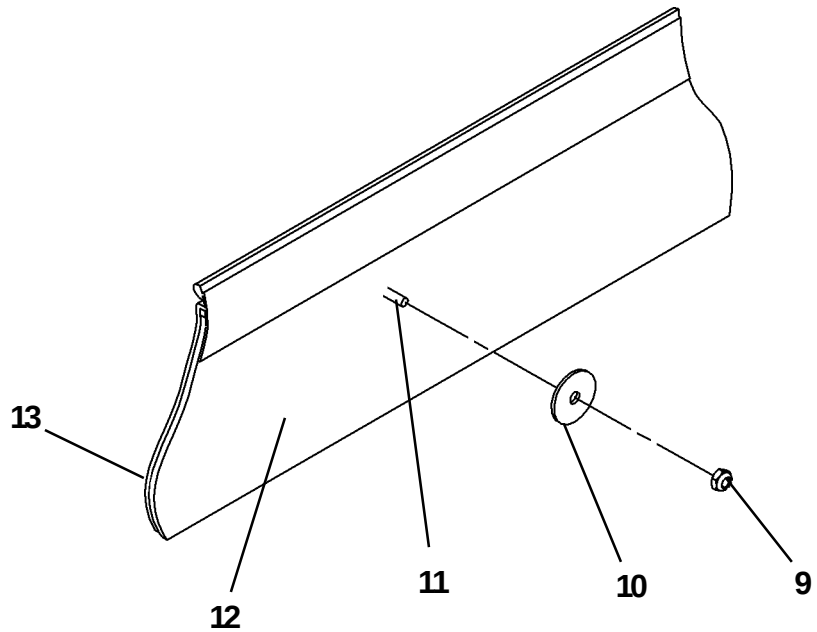
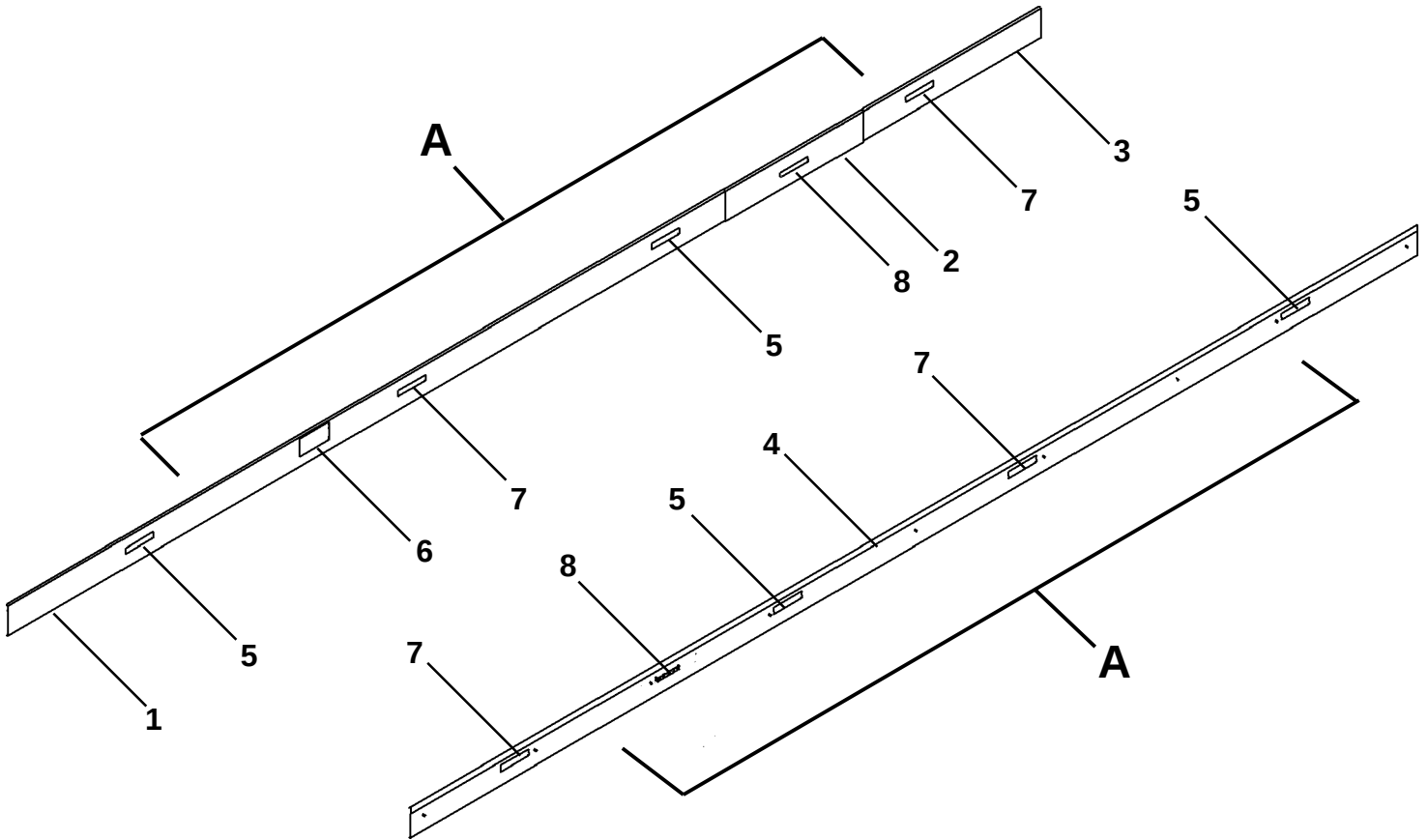
- (1) Align studs on outboard side of backsplash panel with holes in bracketry.
- (2) Locate and connect wiring bundles to switch panels.
- (3) Secure backsplash to bracketry with nuts/washers, using caution not to damage the wiring.
- (4) Inspect switch panels for damage and proper operation prior to installing reveals and PSU.
- (5) Install window reveal(s) (Refer to section 25-20-27).
- (6) Install PSU panels (Refer to section 25-20-23).

3 Operations and inspections

A. Inspect Backsplash

- (1) Inspect backsplash for nicks, scratches, and security of installation.
- (2) Inspect electrical switch panels for evidence of arcing, shorting, or overheating.

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DETAIL A

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No.	Part Number	Description	Vendor
-	4611157-1, -2, -4, -6	BACKSPLASH INSTL	
-	4699168-4	BACKSPLASH ASSY RH AFT	
-	4699217-1	BACKSPLASH ASSY RH FWD	
-	4699176-1, -4	BACKSPLASH ASSY LH, E.H.	
1	4611157-2	RH FWD BACKSPLASH INSTL	
-	4699217-1	RH FWD BACKSPLASH	
2	4611157-4	ESCAPE HATCH BACKSPLASH INSTL	
-	4699176-4	ESCAPE BACKSPLASH	
3	4611157-6	RH AFT BACKSPLASH INSTL	
-	4699168-4	RH AFT BACKSPLASH	
4	4611157-1	LH BACKSPLASH INSTL	
-	4699176-1	LH BACKSPLASH	
5	1322-1-3	ARMREST SWITCH PANEL	59959
6	1322-1-21	EXEC TBL SWITCH	59959
7	1322-1-4	ARMREST SWITCH PANEL	59959
8	---	NS/FSB (see electrical)	59959
9	MS21083N08	NUT (as required)	
10	AN970-3	WASHER (as required)	
11	---	BONDED WELD SCREW	
12	---	.050 ALUM PLATE	
13	---	DECORATIVE BACKSPLASH OVERLAY (see 25-00-06)	

NOTE: Parts not available as complete installations

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ELECTRIC WINDOW SHADE INSTALLATION - MAINTENANCE

1 General

A. The Electric Window Shades are located on the windows in the main passenger compartment.

- (1) To gain access to the Window Shade Assemblies, it is necessary to remove the PSU Cover Panel(s), Indirect Neon Light(s), and the Window Reveal Panel(s).
- (2) An initial test must be performed on electrical components for evidence of arcing, shorting or over heating. Insure security of installation and proper operation prior to securing the screws and washers in the Window Reveal Panel(s).
- (3) An electrical component test should also be performed on the PSU Indirect Lighting prior to installing the PSU cover.

2 Removal/Installation

A. Remove Electric Window Shade Assembly

- (1) Disengage the PSU, and Electric Window Shade Circuit Breakers located in the aft bulkhead closet under the lower left hand shelf.
- (2) Remove the PSU Cover. Grasp the outboard side and gently pull in a downward direction. The PSU Cover will then swing down and inboard and will slide off the inboard tabs.
- (3) Identify and tag the PSU for installation.
- (4) Disconnect the wire bundles from the Indirect Neon Lighting, identify and tag for installation.
- (5) Remove the Indirect Neon Light(s) from their plastic retainers, identify and tag for installation.
- (6) Remove the screws and washers on the upper edge of the Window Reveal Panel(s). Gently allow the Window Reveal Panel to lean inboard. Disconnect the wire bundles from the control switches and identify for installation.
- (7) Remove the Window Reveal Panel and identify for installation.
- (8) Remove (6) screws on the inboard skin of the Electric Window Shade Assembly. Gently remove Electric Window Shade Assembly. Disconnect the wire bundle, identify and tag for installation.
- (9) Remove the Electric Window Shade Assembly from the plane and identify for installation.

B. Install Electric Window Shade Assembly

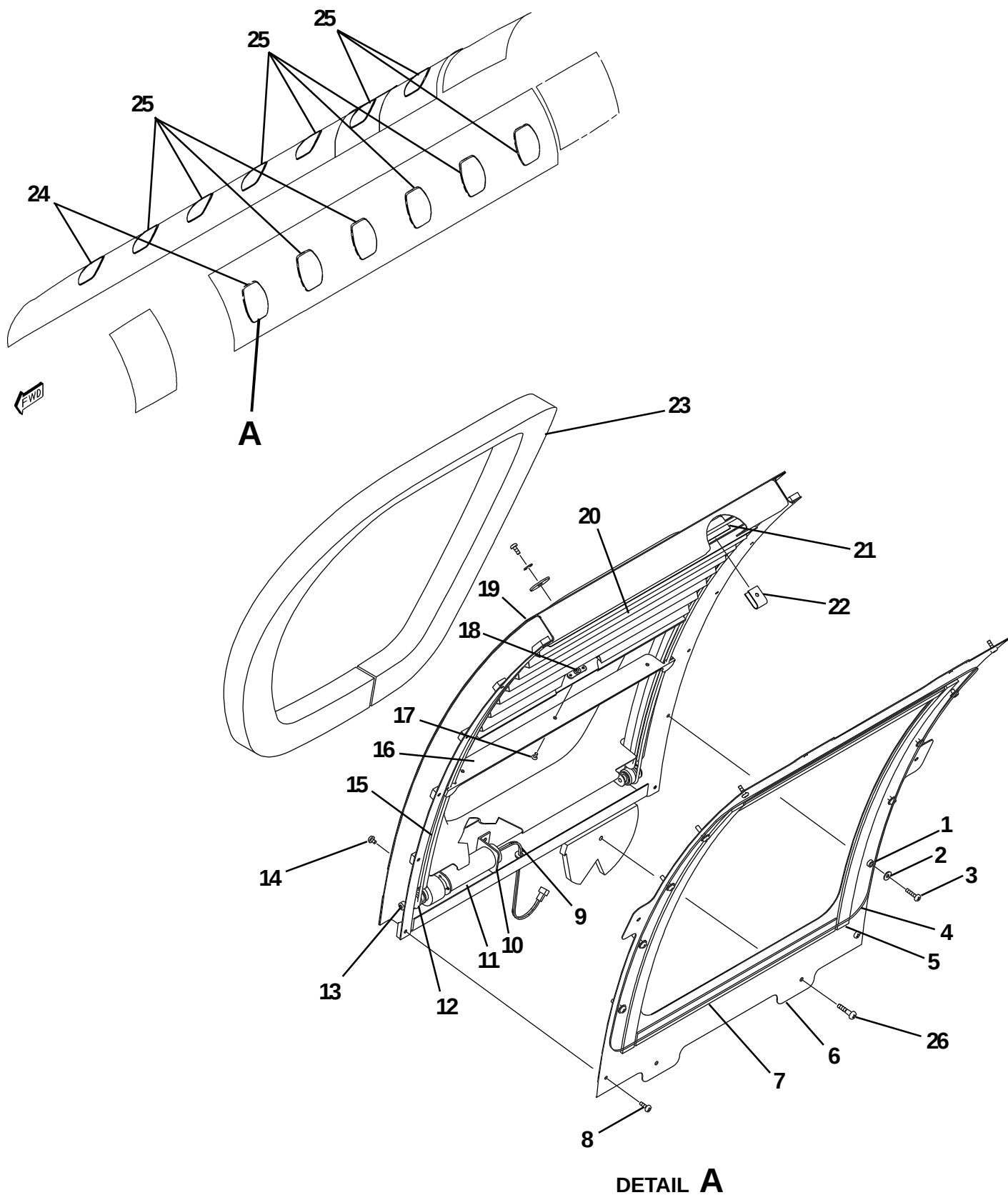
- (1) Identify and locate the Electric Window Shade Assembly in its correct location.
- (2) Locate, identify and attach the wire bundle to the Electric Window Shade Assembly.
- (3) Secure the Electric Window Shade Assembly with (6) screws, using caution not to damage the wiring bundle.
- (4) Identify and locate the correct Window Reveal Panel in the upward facing channel.
- (5) Locate and attach the wire bundles to the Window Reveal Panel Switches.
- (6) Secure the upper edge of Window Reveal Panel(s) with screws and washers.
- (7) Install the Indirect Neon Light(s) in their corresponding plastic retainers.
- (8) Connect the wire bundles to the Indirect Lighting.
- (9) Identify and locate the correct PSU on the inboard tabs, swing outboard edge up until PSU snaps into place.

3 Operations and inspections

A. Inspect Electric Window Shade Assembly

- (1) Inspect the Electric Window Shade Assemblies for damage, and security of installation. Inspect electrical components for proper operation, and evidence of arcing, shorting, or overheating.

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No.	Part Number	Description	Vendor
-	4611037-1	LH WINDOW SHADE INSTL	
-	4611037-2	RH WINDOW SHADE INSTL	
1	NAS43DD1-7	SPACER	
2	AN960-6	WASHER	
3	MS35206-327	SCREW	
4	4611035-38	DUST PANE	
5	4919091-31	SPACER STRIP	
6	4611035-2	SKIN-INBOARD	
7	4919091-30	SPACER STRIP	
8	MS35206-228	SCREW	
9	MS35489-4	GROMMET	
10	4611035-49	ANGLE	
11	4611035-39	MOTOR ASSY	
12	FAD125	BEARING	13603
-	S2202-3	WASHER	
13	FAD125	BEARING	13603
14	MS35206-225	SCREW	
15	32GBF377E	DRIVE BELT	29440
16	4611035-43	CARRIER-SHADE	
17	MS24693S2	SCREW	
18	4611035-10	STRAP ASSY	
19	4611036-9	FRAME ASSY	
20	4919091-22	SHADE	
21	4919091-25	BACKING STRIP	
22	NAS395-17-3	NUT	
23	4919093-2	FOAM SEAL	
24	4611036-11	WINDOW SHADE ASSY	
25	4611036-8	WINDOW SHADE ASSY	
26	MS27039-811	SCREW	

NOTE: Parts not available as complete installations

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AFT DIVIDERS - MAINTENANCE

1 General

- A.** The aft partition is fastened to the front of the aft cabinetry. With the fwd panel of the cabinet making up the aft panel of the partition.

2 Removal/Installation

A. Remove aft partition

- (1) Pull carpet back to expose screws securing fwd panel to brackets.
- (2) Remove screws securing fwd panel to brackets.
- (3) Tag and remove fwd partition panel.
- (4) Locate and remove screws securing aft partition panel to aft cabinetry, this includes screws accessible inside of cabinetry.
- (5) Remove screws securing aft partition panel to brackets, tag and remove partition panel.

B. Install aft partition

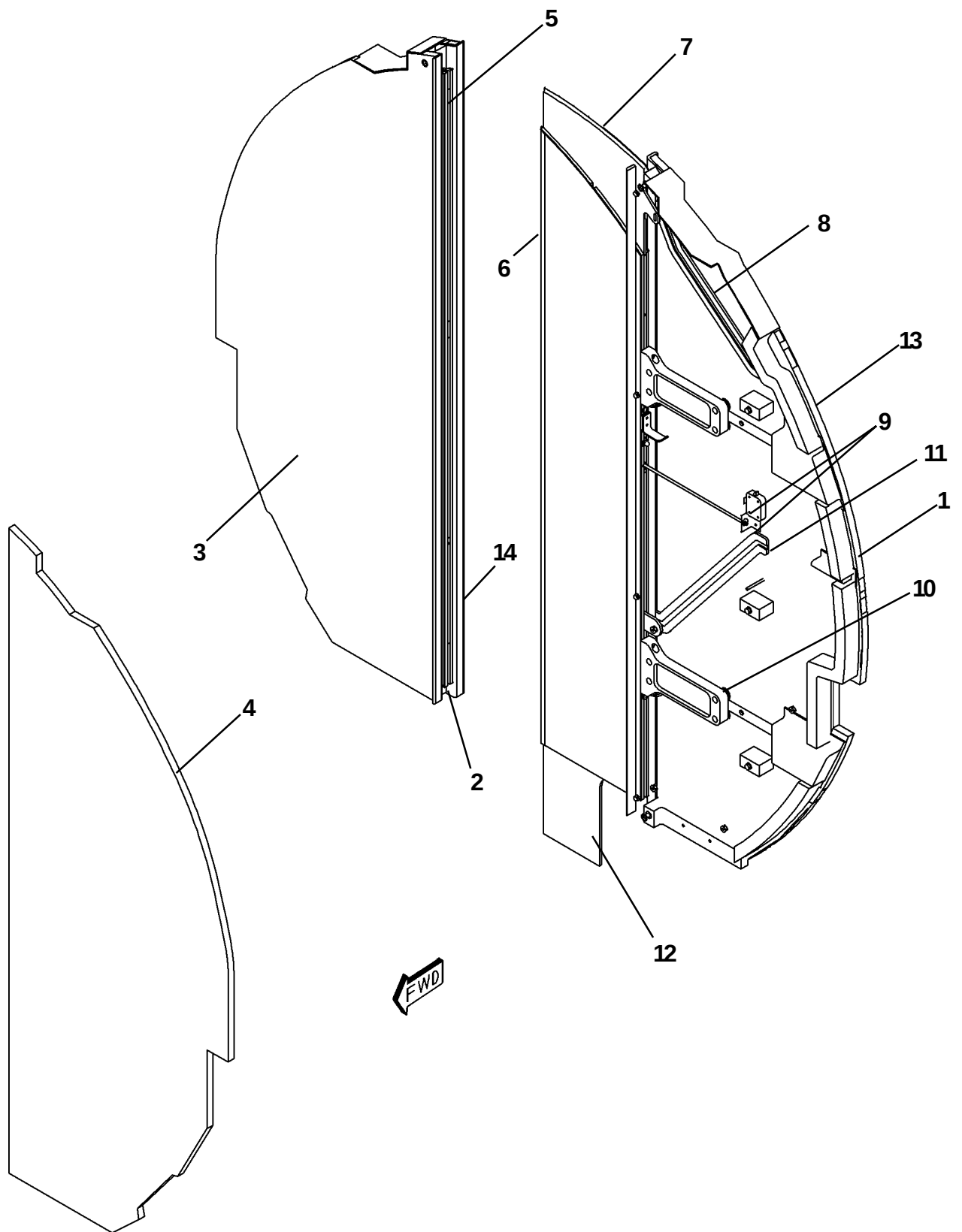
- (1) Locate aft partition panel.
- (2) Install screws securing aft partition panel to aft cabinetry, including screws accessible inside of cabinetry.
- (3) Install screws securing aft partition panel to brackets.
- (4) Locate fwd partition panel.
- (5) Install screws securing fwd partition panel to brackets.

3 Operations and inspections

A. Inspect aft partition

- (1) Inspect aft partitions for nicks, cracks, scratches.
- (2) Inspect for security of installation.

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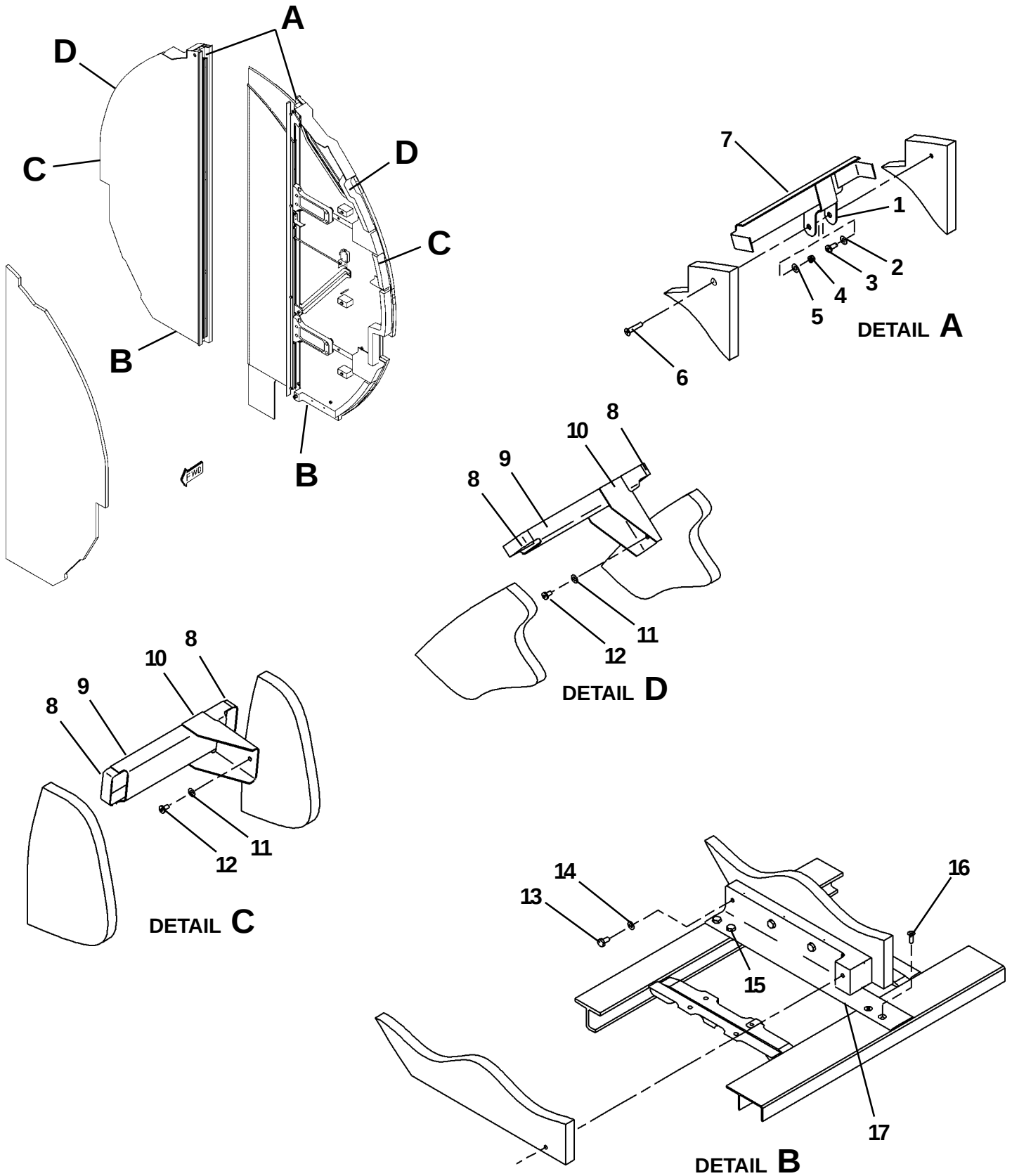


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 INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

No.	Part Number	Description	Vendor
-	4699153-1,-2	LH, RH DIVIDER ASSY	
1	4699017-22	LH STRUCTURAL PANEL ASSY	
-	4699017-26	TOWEL BAR ASSY (not shown)	
-	---	#10 SOCKET HEAD SET SCREW	
-	---	#10 INSERTS	
2	4699017-14	RH STRUCTURAL PANEL ASSY	
3	4699153-3	RH FWD PANEL ASSY	
-	---	#10 SCREW (4 ea)	
-	---	#10 INSERT	
-	4611104-2	OVERLAY PANEL INSTL	
-	4611104-4	OVERLAY PANEL ASSY	
-	S2092-35-.50	DUALOK (30 ea)	
4	4699153-4	LH FWD PANEL ASSY	
-	---	#10 SCREW (3 ea)	
-	---	#10 INSERT	
-	4611104-1	OVERLAY PANEL INSTL	
-	S2092-35-.50	DUALOK (28 ea)	
-	4611104-5	AFT PANEL OVERLAY ASSY, LH	
5	4699017-6	RH DOOR ASSY	
-	12365-1	PRIVACY LATCH	4W953
-	12366-4	DOOR ASSY - RH	4W953
6	4699017-5	LH DOOR ASSY	
-	12366-3	DOOR ASSY - LH	4W953
7	12350-19	LH POP-UP PANEL ASSY	4W953
-	12350-20	RH POP-UP PANEL ASSY	4W953
8	12350-23	LH POP-UP TRACK	4W953
-	12350-24	RH POP-UP TRACK	4W953
9	12469-1	LH PUSH BUTTON LATCH	4W953
-	12469-2	RH PUSH BUTTON LATCH	4W953
10	12363-1-11	SLIDE ASSY	4W953
-	MS25083-5BB4	JUMPER ASSY	
-	MS24693-S48	SCREW	
11	12350-27	LH POP-DOWN TRACK	4W953
-	12350-28	RH POP-DOWN TRACK	4W953
12	12350-21	LH POP-DOWN PANEL ASSY	4W953
-	12350-22	RH POP-DOWN PANEL ASSY	4W953
13	4698098-1	LH AFT PANEL OVERLAY	
-	4699098-3	SUBSTRATE PANEL-RH	
-	4699098-5	VENEER PANEL-RH	
14	4698098-2	RH AFT PANEL OVERLAY	
-	4699098-4	SUBSTRATE PANEL-RH	
-	4699098-6	VENEER PANEL-RH	

NOTE: Parts not available as complete installations

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No.	Part Number	Description	Vendor
-	4611110-15, -16	LH, RH DIVIDER INSTL	
1	4611110-14	UPPER DIVIDER SPACER BRACKET	
2	AN960-10L	WASHER	
3	MS27039-1-05	SCREW	
4	MS21042L3	NUT	
5	AN960-10L	WASHER	
6	MS24693-276	SCREW	
7	4611110-13	LH UPPER INTERCOSTAL	
-	4611110-12	RH UPPER INTERCOSTAL	
8	4611110-10	STIRRUP CLIP	
9	4611110-9	CHANNEL INTERCOSTAL	
10	4611110-11	ATTACH BRACKET	
11	MS27039-1-05	SCREW	
12	AN960-10L	WASHER	
13	AN3-12A	BOLT	
14	AN960-10	WASHER	
15	AN3-6A	BOLT	
-	AN960-10L	WASHER	
-	4611114-9	NUTPLATE STRIP	
16	MS24694S50	SCREW	
17	4611110-5	LH FLOOR BRACKET	
-	4611110-6	RH FLOOR BRACKET	
18	4919061-5	SILKSCREEN	

NOTE: Parts not available as complete installations

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FORWARD CLOSET - MAINTENANCE

1 General

A. The Forward Closet is located in the forward section of the passenger compartment on the left hand side.

- (1) It may be necessary to remove carpet to gain access to some bolts.

2 Removal/Installation

A. Remove Forward Closet

- (1) Remove electrical power. Disengage Closet circuit breaker located in the power junction box.
- (2) Remove bolts, screws and washers securing the Closet to attach brackets.
- (3) Move Closet inboard by first tilting the top inboard, then move the bottom inboard enough to disconnect electrical wiring and remove drain hose. Tag and disconnect electrical wiring. Remove drain hose; then, remove Closet from airplane.

B. Install Forward Closet

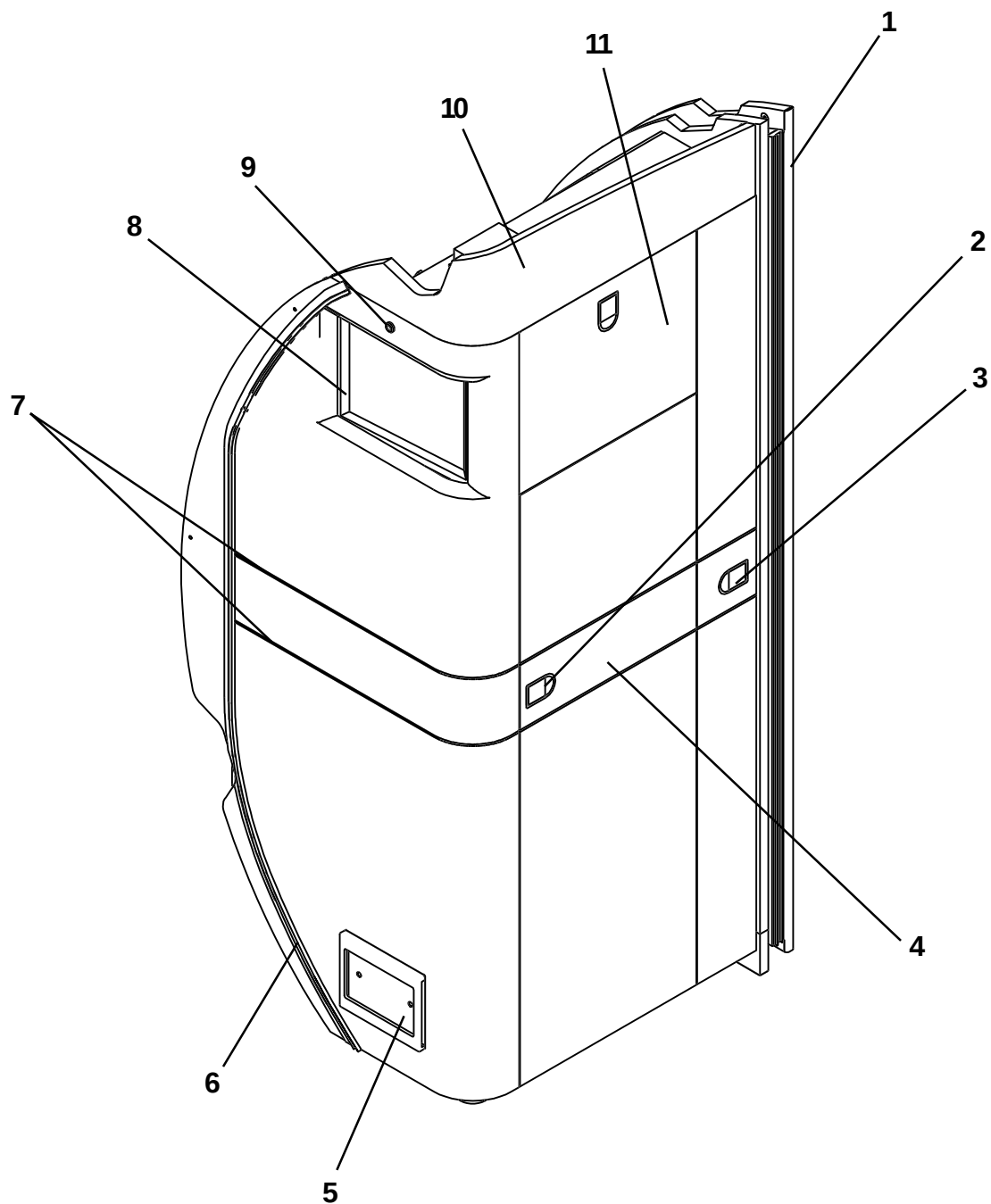
- (1) Position Closet in airplane near the installed position.
- (2) Identify and connect electrical wiring.
- (3) Connect drain hose.
- (4) With top of Closet tilted inboard, place the bottom in against the wall; then, tilt the top back into position.
- (5) Install bolts, screws and washers securing Closet in place.
- (6) Engage Closet circuit breaker located in the left power junction box and check electrical components.

3 Operations and inspections

A. Inspect Forward Closet

- (1) Inspect Closet for nicks, cracks, dents and security of installation.
- (2) Check doors and drawers for proper operation.
- (3) Check switches and controls for evidence of arcing, shorts or overheating.
Check controls for proper operation.

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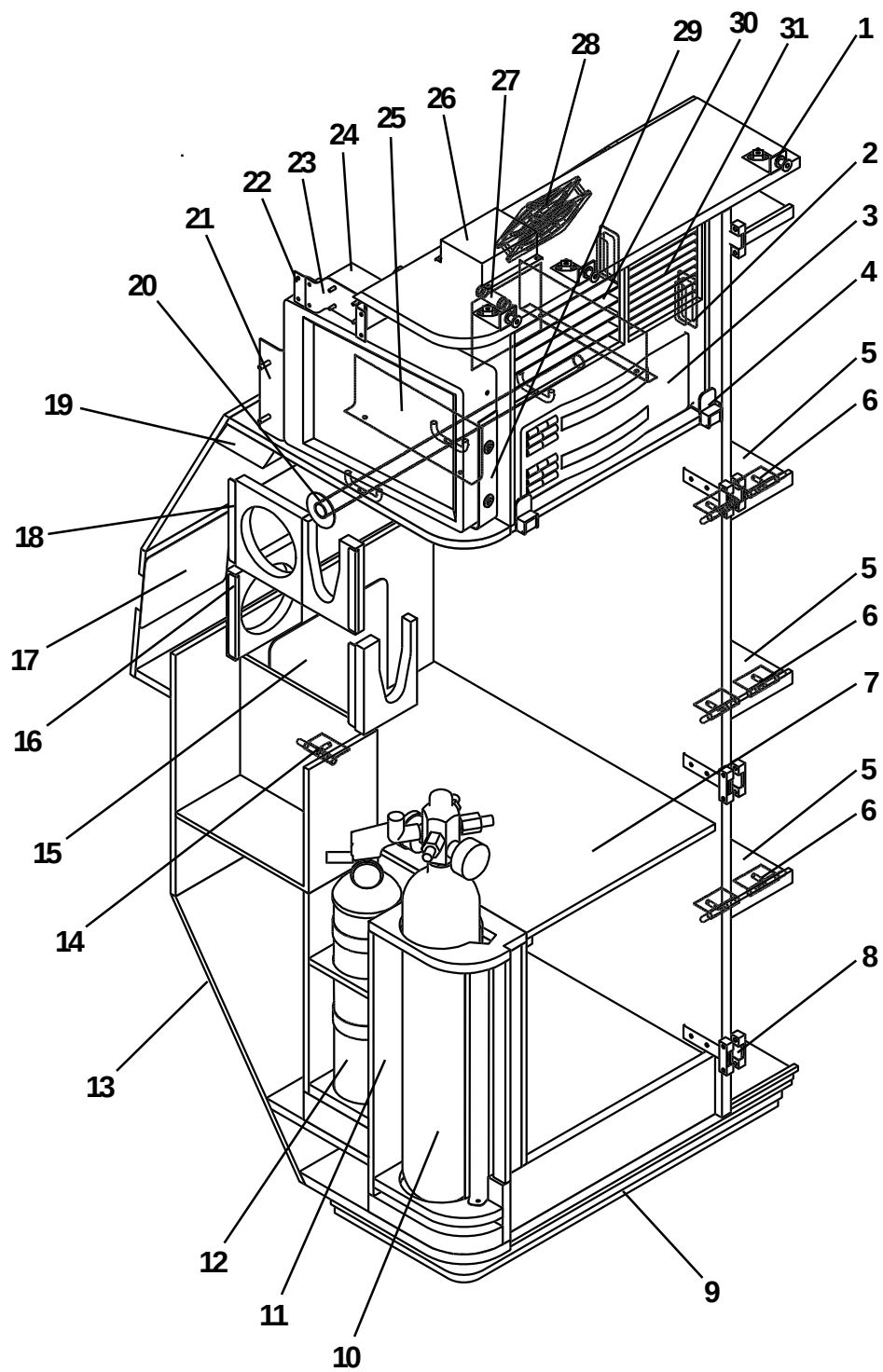


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No.	Part Number	Description	Vendor
-	4699458-1	LH FWD CLOSET ASSY	
1	---	POCKET DOOR INSTL (see section 25-20-02)	
2	12420-17	LATCH INSTL - 3 PT	4W953
-	S214N/8N	DOORSTAY	4W953
3	SAM243	LATCH	31845
4	4919052-8	SILKSCREEN (fire extiguisher)	
-	4919053-11	SILKSCREEN (oxygen)	
5	4799458-2	DEEP A.W. HOLDER ASSY	
6	12479-31	ENTRY CHANNEL	4W953
7	---	METAL INLAY TRIM STRIPS	
8	RLCD10-6BC1	10.4" MONITOR	RPDE
-	12666-1	LEXAN MONITOR SCREEN	
9	4948019-3	IR RECEIVER MOD	
10	---	REMOVABLE HEADER	
11	---	ENTERTAINMENT SYSTEM COMPONENTS	
-	S214N/8N	DOORSTAY (2 ea)	4W953

NOTE: Parts not available as complete installations

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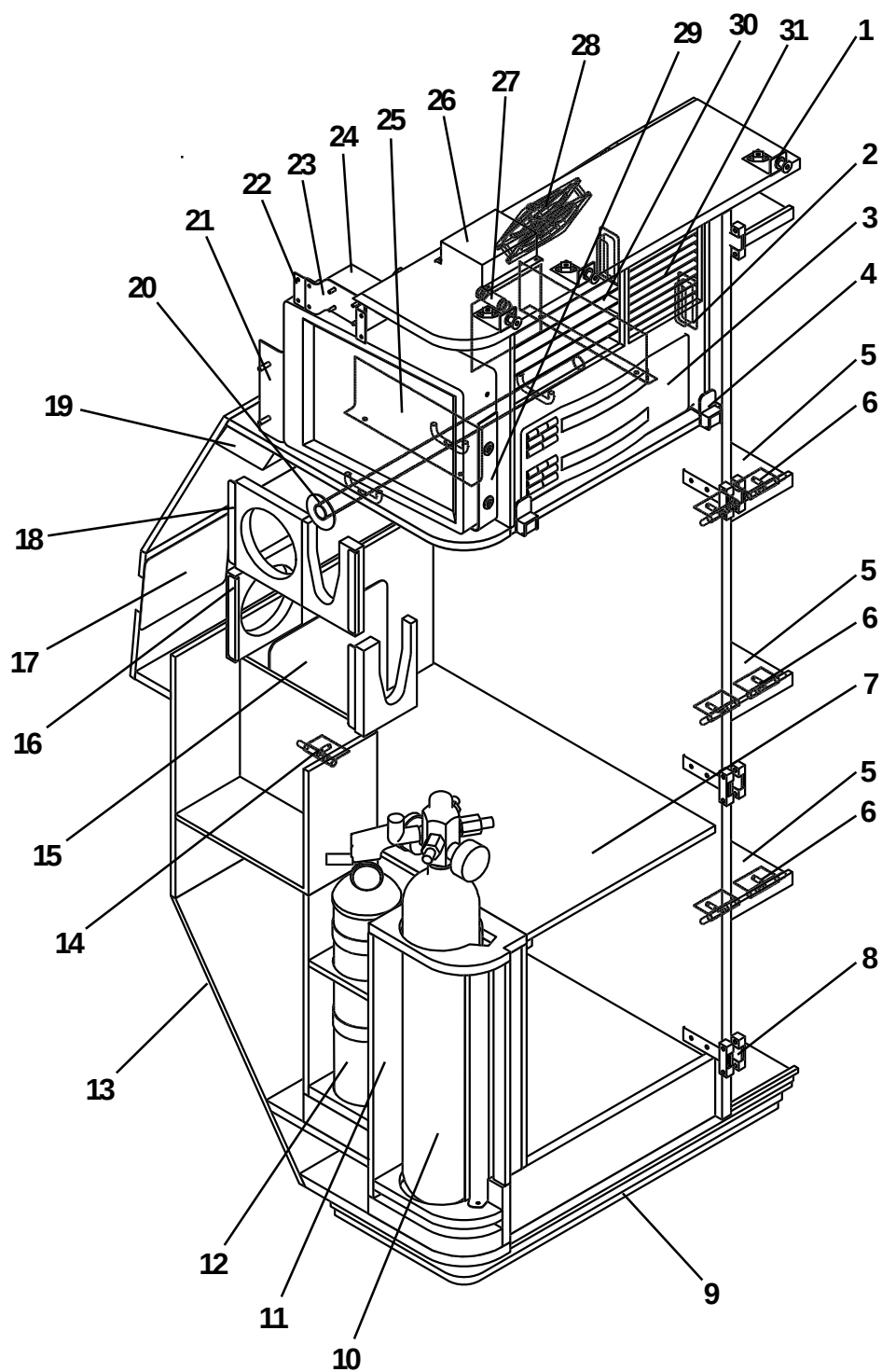


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No.	Part Number	Description	Vendor
-	4699458-1	LH FWD CLOSET ASSY	
1	12448-59	ANGLE ASSY (3 ea)	4W953
-	#8	CTRSNK SCREW	
-	#8	SCREW	
2	2964	FLUSH MOUNT COAT HOOK (2 ea)	80477
-	12554-3	PLATE ASSY (2 ea)	4W953
-	#8	SCREW	
3	105009-1	DUAL DVD PLAYER	MCCI
-	#10	SCREW	
4	DH-4A-90L	HINGE (2 ea)	4W953
5	---	FOLDING STORAGE SHELVES	
-	81322-22	HINGE	4W953
6	S-1103-1	PIN ASSY	4W953
-	S-1103-2	PIN ASSY	4W953
7	---	FOLDING STORAGE SHELF	
-	81322-22	HINGE	4W953
8	HDSH-44S-90K	HINGE (7 ea)	MOIN
9	T29W1.5S28LEAENT	LIGHT	0A485
10	9914067-47	OXYGEN BOTTLE (w/EROS)	
11	4699354-2	EMERGENCY EQUIPMENT CASE	
12	A352GS	FIRE EXTINGUISHER	KANS
13	4699213-1	LH FWD CLOSET OUTBOARD	
14	S-1103-1	PIN ASSY	4W953
15	---	REMOVABLE ACCESS PANEL	4W953
16	4699144-2	WINE RACK	
-	4699144-3	WINE RACK	
17	---	REMOVABLE ACCESS PANEL	4W953
18	4699144-2	WINE RACK	
-	4699144-3	WINE RACK	
19	12132-5	LIGHT HOUSING ASSY	4W953
20	81329-1-3	COAT ROD ASSY	4W953
-	#8	SCREW	
21	4699231-5	ANGLE	
-	#10	WASHER	
-	#10	SCREW	
22	4699405-2	BRACKET	
23	4699249-2	HAT BRACKET	
-	#6	SCREW	
24	159006	VIDEO ISOLATION TRANSFORMER	70093
-	#6	NUT	
-	4616024-21	TRANSFORMER PLACARD ASSY	
25	12538-3	VCP BRACKET ASSY (2 ea)	4W953
-	#10	CTRSNK SCREW	

NOTE: Parts not available as complete installations

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INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG



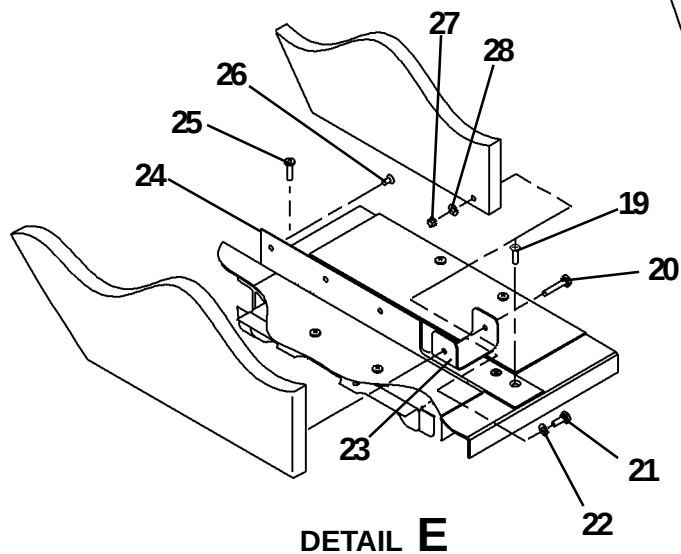
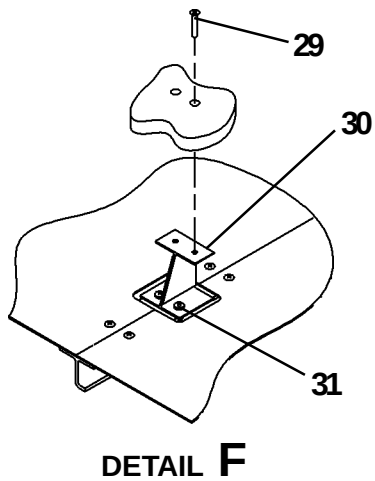
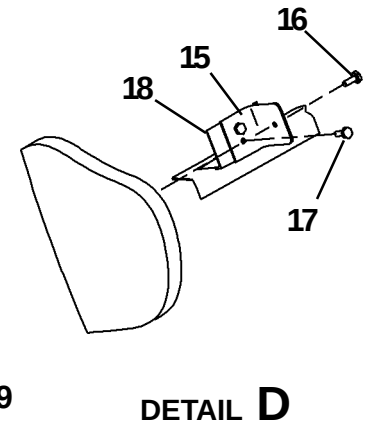
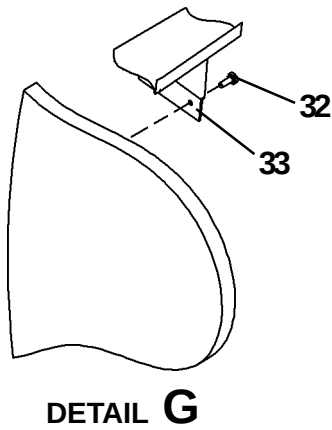
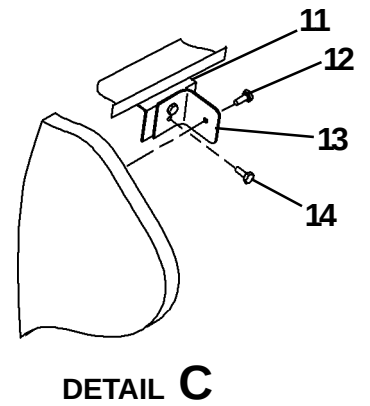
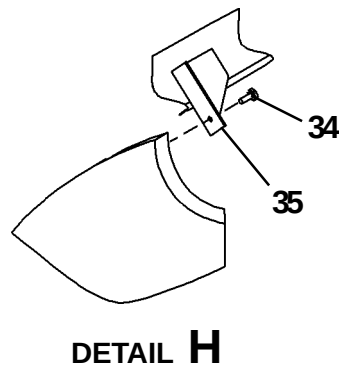
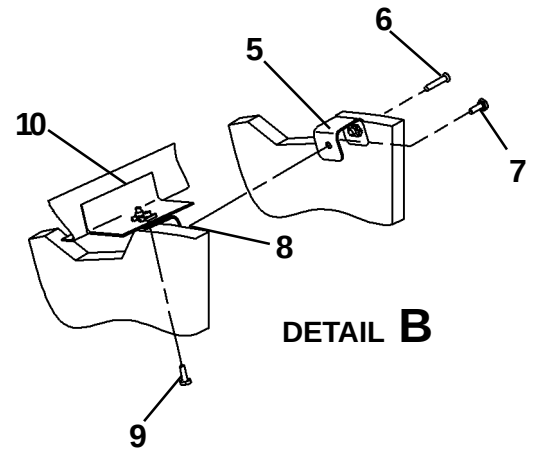
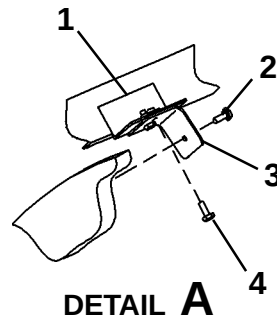
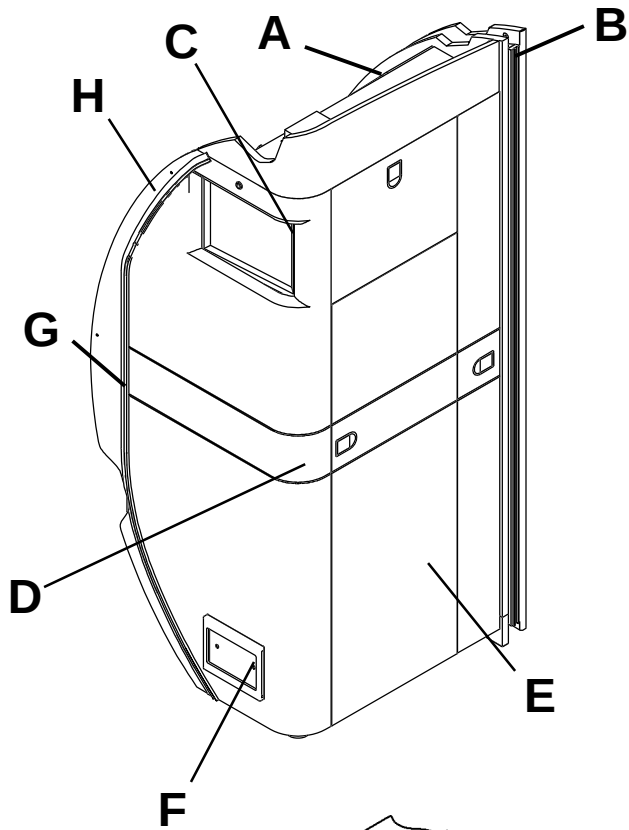
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MODEL 750
 INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

No.	Part Number	Description	Vendor
-	4699458-1	LH FWD CLOSET ASSY	
26	RISR-28-12-6	DC-DC CONVERTER	RPDE
-	#8	SCREW	
-	4616024-9	DC CONVERTER PLACARD ASSY	
27	12538-21	BREAKER PANEL (1 HOLE)	4W953
28	4948003-3	SLIM DC FAN ASSY	
-	12538-1	FAN BRACKET ASSY	4W953
-	12570A040	FAN SCREEN (2 ea)	4W953
-	#8	SCREW	
29	4699219-3	BRACKET ASSY	
-	#10	WASHER	
-	#10	SCREW	
30	---	DVD STORAGE AREA	
31	---	CD STORAGE AREA	

NOTE: Parts not available as complete installations

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No.	Part Number	Description	Vendor
-	4611115-26	LH FWD CABINET INSTL	
1	4611126-8	ANGLE ASSY	
2	AN3-4A	BOLT	
3	4611115-21	BRACKET	
4	AN3-4A	BOLT	
5	4611115-25	SPACER BRACKET ASSY	
6	MS24694S58	SCREW	
7	AN3-4A	BOLT	
8	4611222-3	BRACKET	
9	AN3-4A	BOLT	
10	4611126-6	ANGLE ASSY	
11	4611126-8	ANGLE ASSY	
12	AN3-4A	BOLT	
13	4611115-22	BRACKET	
14	AN3-4A	BOLT	
15	4611115-23	BRACKET	
16	AN3-4A	BOLT	
17	AN3-4A	BOLT	
18	4611126-8	ANGLE ASSY	
19	AN3-5A	BOLT	
20	AN3-10A	BOLT	
21	AN3-4A	BOLT	
22	NAS1149F0332P	WASHER	
23	4611126-28	SPACER BRACKET ASSY	
24	4611115-15	FLOOR BRACKET	
25	AN3-5A	BOLT	
26	MS24694S47	SCREW	
27	MS21043-3	NUT	
28	NAS1149F0332P	WASHER	
29	MS24694S58	SCREW	
30	4611115-19	BRACKET	
31	AN3-5A	BOLT	
32	AN3-410A	BOLT	
33	4611115-17	BRACKET	
34	AN3-10A	BOLT	
35	4611115-16	BRACKET	

NOTE: Parts not available as complete installations

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AUDIO / VIDEO OPERATION PROCEDURES

WARNING: DO NOT Manually adjust audio/video support equipment (ie stereo amp, subwoofer amp electronic crossover etc.) as it may result in audio system damage. Switches and Control Units are preset at the factory and require NO adjustments.

I. Audio for overhead speakers

The following instructions are for general operation of overhead speakers.

- (1) Ensure all circuit breakers (CB) are engaged in FWD closet.
- (2) Insert compact disc (CD) into CD player.
- (3) Turn Equalizer (EQ) "ON".
- (4) Adjust audio component volume up two levels from maximum, then at executive table turn "ON" cabin overhead speaker system and adjust volume to preferred listening level.
- (5) Adjust EQ for preferred equalization.
- (6) CD or VCP Audio selection for overhead speakers can be made at executive table, (selected audio will be backlit).

II. Audio for headphone switch panels

The following instructions are for general operation of headphone switch panels.

- (1) Ensure all circuit breakers (CB) are engaged in FWD closet.
- (2) Insert compact disc (CD) into CD player.
- (3) Turn equalizer "ON".
- (4) Adjust audio / video component volume up two levels from maximum, then at sidewall switch panel adjust headphone volume to preferred listening level.
- (5) Adjust EQ for preferred equalization.
- (6) CD or VCP Audio selection for headphone can be made at switch panel, (selected audio will be backlit).

III. Video for mini - TV

The following instructions are for general operation of mini airshow viewing screens

- (1) Ensure all circuit breakers (CB) are engaged in FWD closet.
- (2) Turn VCP power "ON" place tape in player and press play.
- (3) Place mini TV in Receptacle provided in armrest at each seat location.
 - (a) Airshow video powers up automatically when aircraft power switch is "ON".
 - (b) Turn mini TV "ON", (switch lower left side of monitor).
 - (c) Adjust brightness and contrast, (controls at bottom of monitor).
- (4) Video selection can be made for Airshow or VCP at sidewall switch panel, (selected audio will be backlit).
 - (a) Airshow mode can only be selected at executive table switch panel.

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SPEAKER ASSEMBLY INSTALLATION - MAINTENANCE

1 General

- A.** The Speaker Assemblies each include (1) speaker, (1) speaker box, (1) speaker grill, and are located in the center ceiling panel.
- (1) An initial inspection must be performed to insure security of installation and proper operation prior to installing the screws that secure the speaker box assembly.
 - (2) Before the speaker grill is installed, check switches and electrical components for evidence of arcing, shorting, or overheating.

2 Removal/Installation

A. Remove Speaker Assembly

- (1) Disengage Speaker circuit breaker located in the aft bulkhead closet, under the lower left hand shelf.
- (2) Gently remove speaker grill which is attached with Velcro.
- (3) Remove the speaker box attaching hardware which includes (4) screws located on the inner sides of the speaker box.
- (4) Gently lower the speaker box, exposing the speaker feed wire.
- (5) Disconnect the speaker feed wire, identify and tag for installation.

B. Install Speaker Assembly

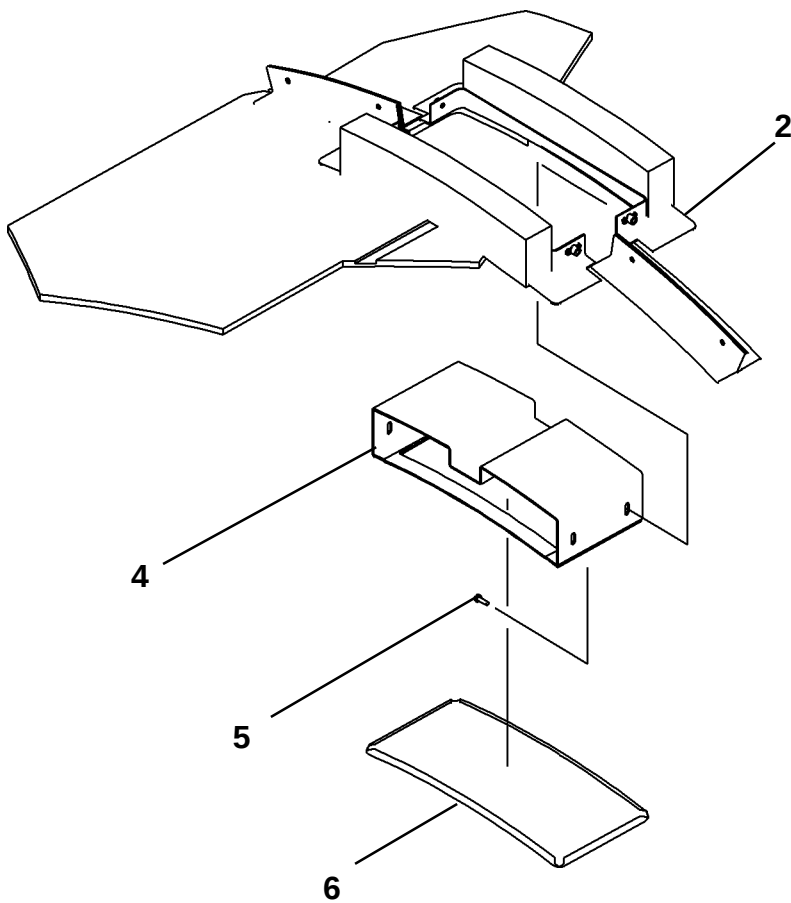
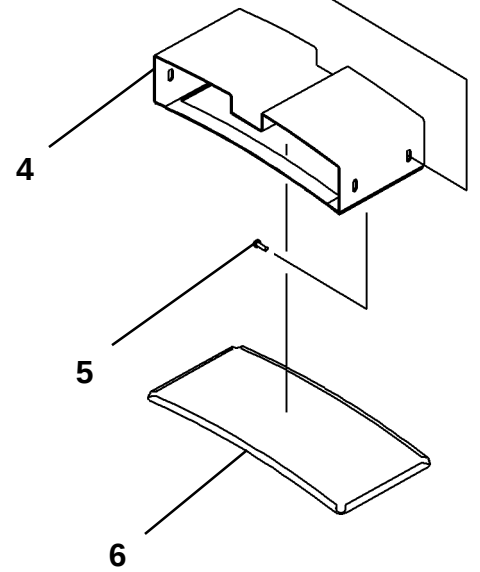
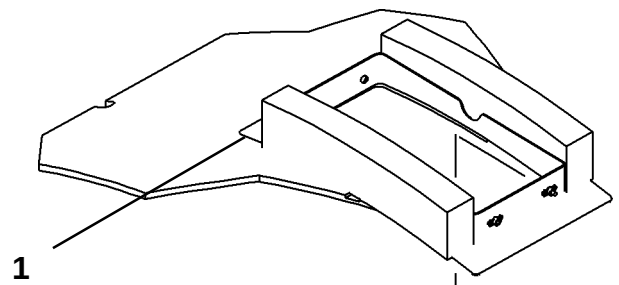
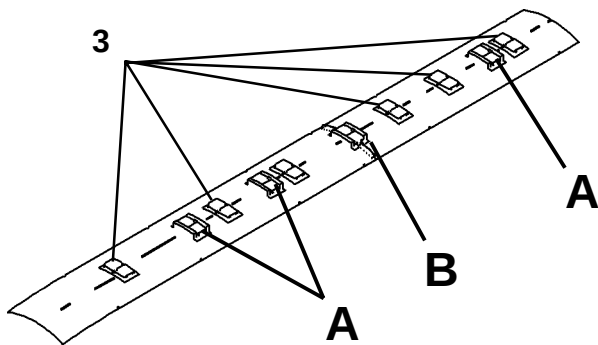
- (1) Position Speaker at the correct location.
- (2) Connect the Speaker feed wire to the speaker box and install, exercising caution not to damage the speaker feed wire.
- (3) Attach the speaker box with (4) screws located on the inner sides of the speaker box.
- (4) Align speaker grill with Velcro fasteners and install by pressing firmly.
- (5) Engage the speaker circuit breaker located in the aft bulkhead closet, under the lower left hand shelf.

3 Operations and inspections

A. Inspect Speaker Assembly

- (1) Inspect Speaker grill and center ceiling panel for damage, and security of installation.
- (2) Check speaker for proper operation after the speaker grill has been installed.
- (3) Inspect all the electrical components for evidence of arcing, shorting, or overheating.

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No.	Part Number	Description	Vendor
-	4611112-1	OVERHEAD SPEAKER INSTL	
1	6619023-9	OXYGEN BOX BRACKET ASSY (3 ea)	
2	6719083-6	SPEAKER BRACKET (2 ea)	
3	---	OXYGEN BOX LOCATIONS	
4	DT-A3CA	OVERHEAD SPEAKER (4 ea)	DTAV
5	MS35206-229	SCREW (16 ea)	
6	---	GRILL	

NOTE: Parts not available as complete installations

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WOOFER MODULE ASSEMBLY INSTALLATION - MAINTENANCE

1 General

- A.** The Woofer Assembly includes (1) woofer, and (4) brackets and is attached to the floor by (4) screws. The woofer assembly is hidden under the passenger seat base shroud which must be removed to gain access to the hardware holding the woofer assembly to the floor. (Refer to the vendor seat manual.)
- (1) Remove passenger seat base shroud gently to prevent scratches or other damage.
 - (2) Because the woofer assembly is hidden by the passenger seat base shroud, an initial inspection must be performed to insure security of installation and proper operation prior to installing the passenger seat base shroud. This inspection is to be made on all the electrical components for evidence of arcing, shorting, or overheating.

2 Removal/Installation

A. Remove Woofer Assembly

- (1) Disengage circuit breaker located in the aft bulkhead closet under the lower left hand shelf.
- (2) Slide passenger seat inboard as far as possible exposing (2) screws on seat base shroud top cover, between the passenger seat and the sidewall.
- (3) Remove the (2) screws and passenger seat base shroud top cover. (Refer to the vendor seat manual.)
- (4) Pull passenger seat base shroud inboard until ball catches release, allowing removal of seat base shroud. (Refer to the vendor seat manual.) This will expose woofer assembly.
- (5) Remove attaching hardware which includes (1) screw at (4) places.
- (6) Disconnect the wire feed attached to the woofer, identify and tag for installation.
- (7) Remove woofer assembly and identify for installation.

B. Install Woofer Assembly

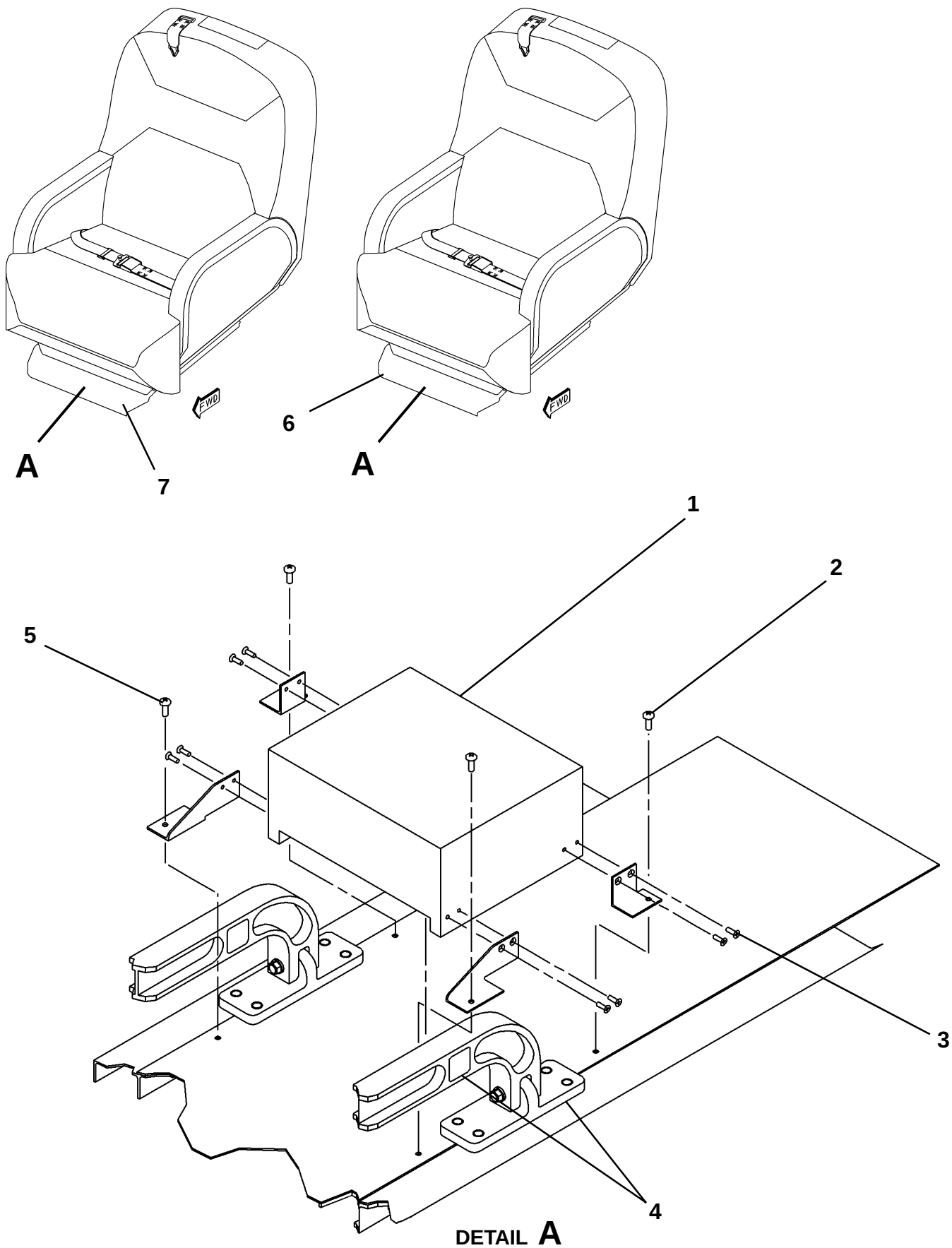
- (1) Position woofer at correct location.
- (2) Secure to structure with (1) screw at (4) places.
- (3) Identify and locate the correct wire feed and attach it to the woofer.
- (4) Engage circuit breaker located in aft bulkhead closet under the lower left hand shelf.
- (5) Initial inspection must be made prior to seat base shroud installation.
- (6) Position passenger seat base shroud at inboard side of seat base assembly.
- (7) Slide passenger seat base shroud outboard until it snaps onto ball catches. (Refer to the vendor seat manual.)
- (8) Slide passenger seat inboard as far as possible.
- (9) Position passenger seat base shroud top cover between passenger seat and sidewall.
- (10) Align (2) holes in seat base shroud top cover with (2) holes in base shroud and fasten with (2) screws.
- (11) Slide passenger seat to correct position for use.

3 Operations and inspections

A. Inspect Woofer Assembly

- (1) Inspect passenger seat base shroud for damage and security of installation.
- (2) Check the woofer for proper operation after the seat base shroud has been installed.
- (3) Inspect all the electrical components for evidence of arcing, shorting, or overheating.

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No.	Part Number	Description	Vendor
-	4611083-1	WOOFER SPEAKER INSTL	
1	DT-AUS5CA	WOOFER MODULE	DTAV
2	MS35207-263	SCREW (2 ea)	
3	S1022A8-10C	SCREW (16 ea)	
4	- - -	SEAT FRAME	
5	- - -	EXISTING SCREW (see 25-20-04)	
6	2524.001.10-6923	BASE SHROUD LH (see vendor maintenance)	0BW04
-	4919062-1	SILKSCREEN	
7	2524.001.10-6922	BASE SHROUD RH (see vendor maintenance)	0BW04
-	4919062-1	SILKSCREEN	

NOTE: Parts not available as complete installations

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CABIN DATA BUS REPEATER - MAINTENANCE

1 General

- A.** This section covers the cabin data bus repeaters located under the aft left-hand passenger seat, and the forward right-hand passenger seat.

2 Cabin Data Bus Repeater (CDBR Unit) Removal / Installation

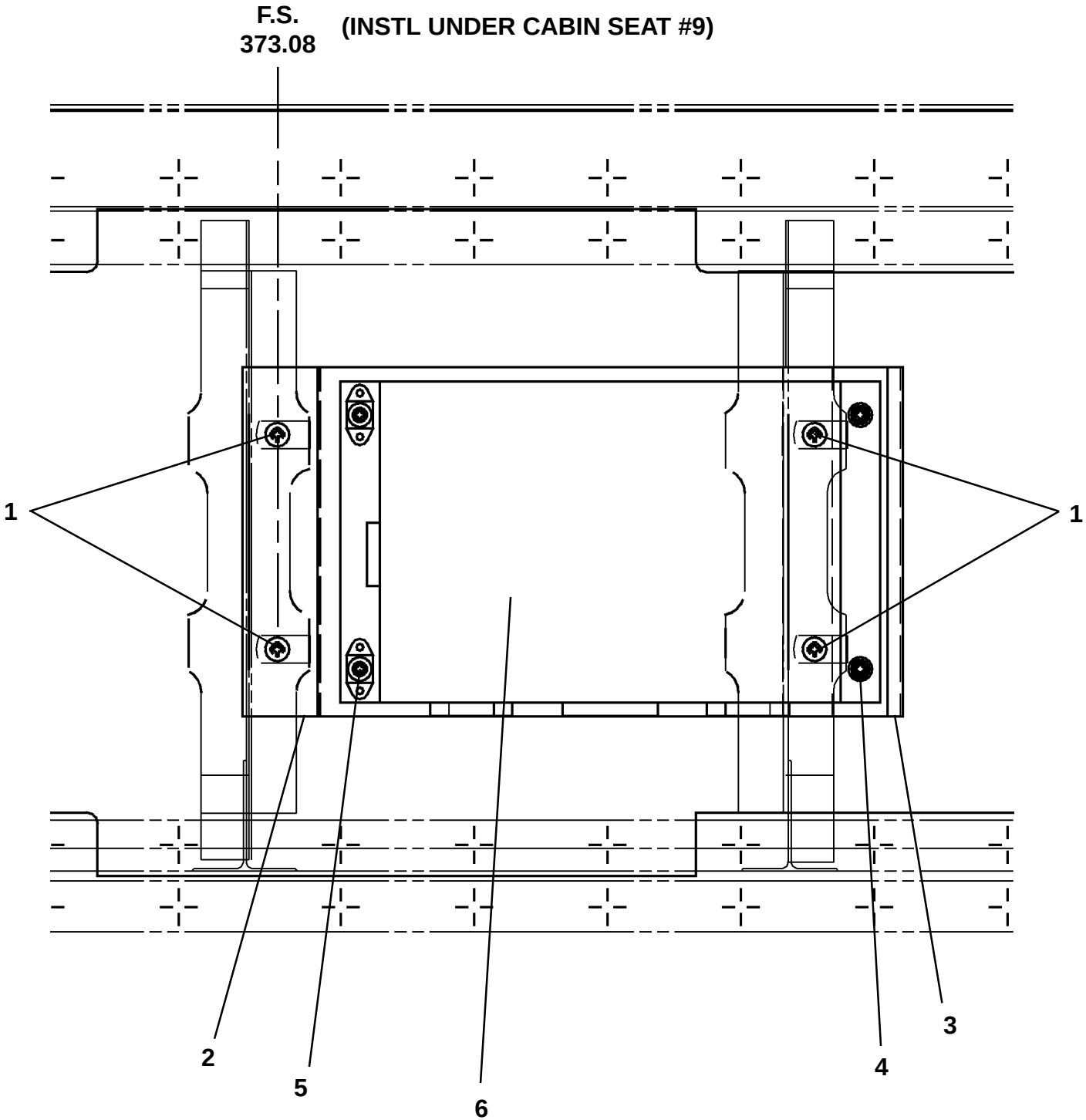
A. Remove CDBR Unit

- (1) Remove aft left-hand passenger seat, refer to section 25-20-21.
- (2) Remove floorboard, refer to section 25-20-03.
- (3) Remove the four screws that secure the CDBR Unit to brackets, and remove CDBR Unit.
- (4) Remove two screws that secure each bracket and brackets can then be removed.

B. Install CDBR Unit

- (1) Align and secure each CDBR bracket to structure with two screws.
- (2) Align and secure CDBR Unit to the brackets with screws.
- (3) Install floorboard, refer to section 25-20-03.
- (4) Install aft left-hand passenger seat, refer to section 25-20-21.

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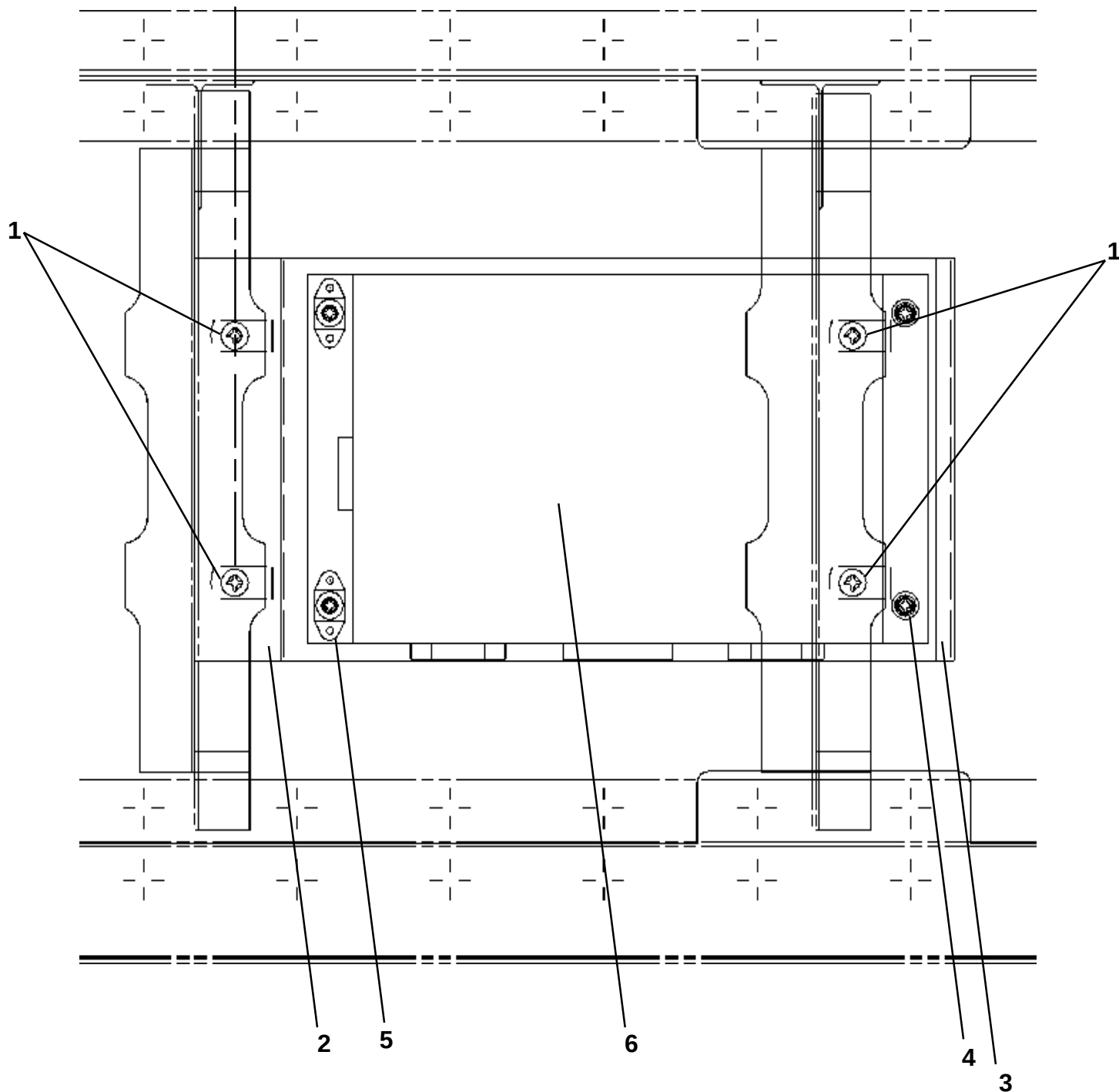
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No.	Part Number	Description	Vendor
-	4611230-8	CABIN DATA BUS REPEATER INSTL	
1	MS27039-1-07	SCREW	
-	NAS1149F0332P	WASHER	
-	S1477-3	NUT	
2	4611278-1	BRACKET ASSY	
3	4611278-2	FLANGE	
4	MS27039-1-07	SCREW	
-	NAS1149F0332P	WASHER	
-	MS21042-3	NUT	
5	MS27039-1-07	SCREW	
-	NAS1149F0332P	WASHER	
-	- - -	NUTPLATE	
6	902205-803	CDBR-2	37695

NOTE: Parts not available as complete installations

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F.S.
232.38 (INSTL UNDER CABIN SEAT #4)



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No.	Part Number	Description	Vendor
-	4611230-13	CABIN DATA BUS REPEATER INSTL	
1	MS27039-1-07	SCREW	
-	NAS1149F0332P	WASHER	
-	S1477-3	NUT	
2	4611278-1	BRACKET ASSY	
3	4611278-2	FLANGE	
4	MS27039-1-07	SCREW	
-	NAS1149F0332P	WASHER	
-	MS21042-3	NUT	
5	MS27039-1-07	SCREW	
-	NAS1149F0332P	WASHER	
-	- - -	NUTPLATE	
6	902205-803	CDBR-2	37695

NOTE: Parts not available as complete installations

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DROPPED AISLE STORAGE BOX - MAINTENANCE

1 General

A. This section covers the dropped aisle storage box found at the forward end of the dropped center aisle.

2 Dropped Aisle Storage Box Removal / Installation

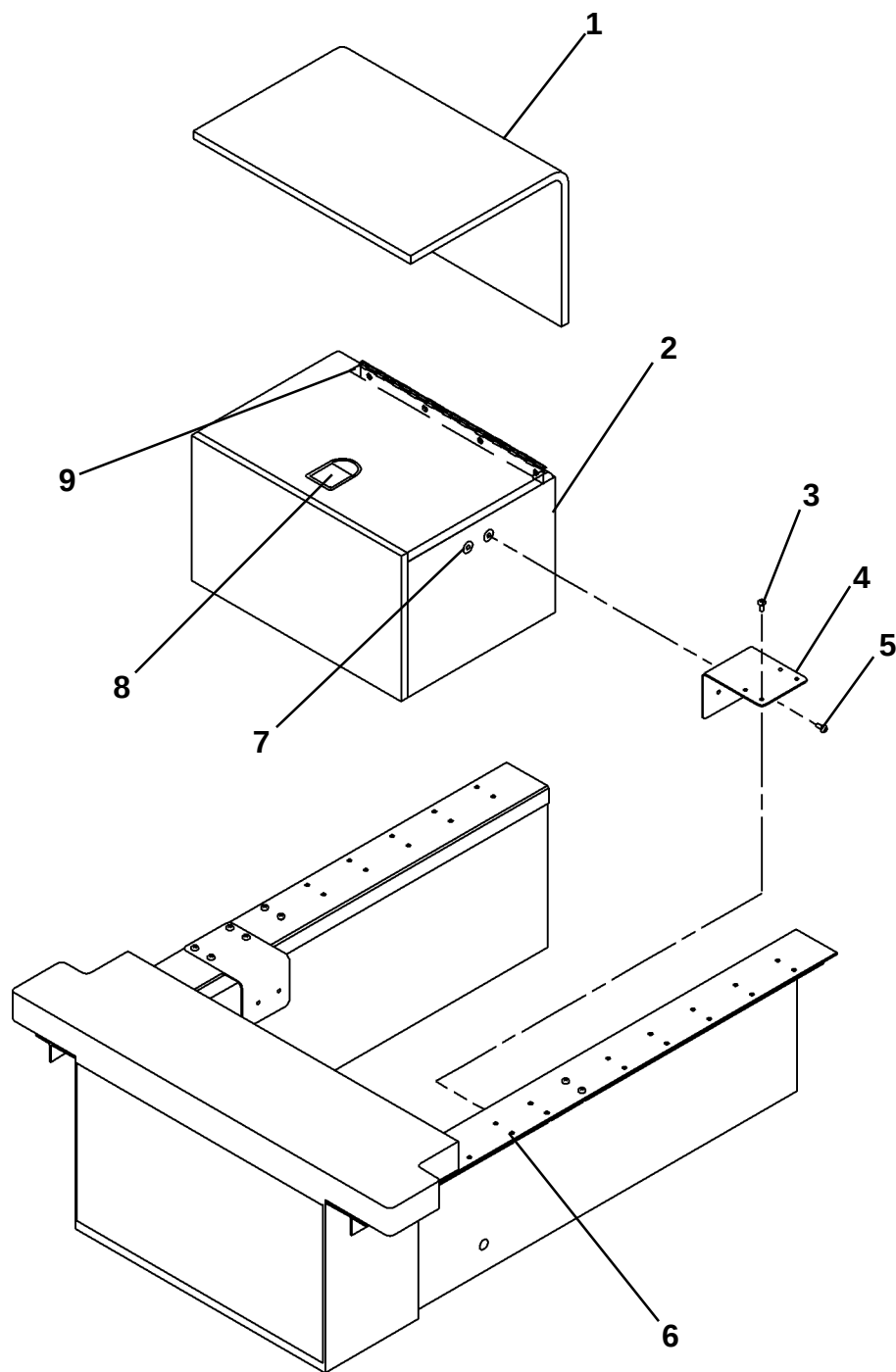
A. Remove Storage Box

- (1) Remove carpet to gain necessary access to storage box.
- (2) Remove screws securing brackets to seat track rails.
- (3) Remove screws securing brackets to storage box.

B. Install Storage Box

- (1) Secure brackets to storage box with screws.
- (2) Secure brackets to seat track rails with screws.
- (3) Reinstall carpet as necessary.

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No.	Part Number	Description	Vendor
-	4611397-1	DROPPED AISLE STORAGE BOX INSTL	
-	4699117-1	STORAGE BOX-FWD AISLE	
1	4611310-1	CARPET MOD	
2	#10	SCREW	
-	81060C4C1100W4	HINGE ASSY	4W953
3	MS27039-1-14	SCREW	
4	4611397-2	ATTACH ANGLE	
5	MS27039-1-06	SCREW	
6	4611291-3	NUTPLATE STRIP ASSY	
7	NAS1832-3-3	INSERT	
8	SAM243	LATCH	31845
9	4699117-1	STORAGE BOX-FWD AISLE	

NOTE: Parts not available as complete installations

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SEAT SHROUD MOD - MAINTENANCE

1 General

- A.** This section covers the seat shroud mod to incorporate smart screen control box instl for #10 seat in the passenger compartment.

2 Seat Shroud / Mod

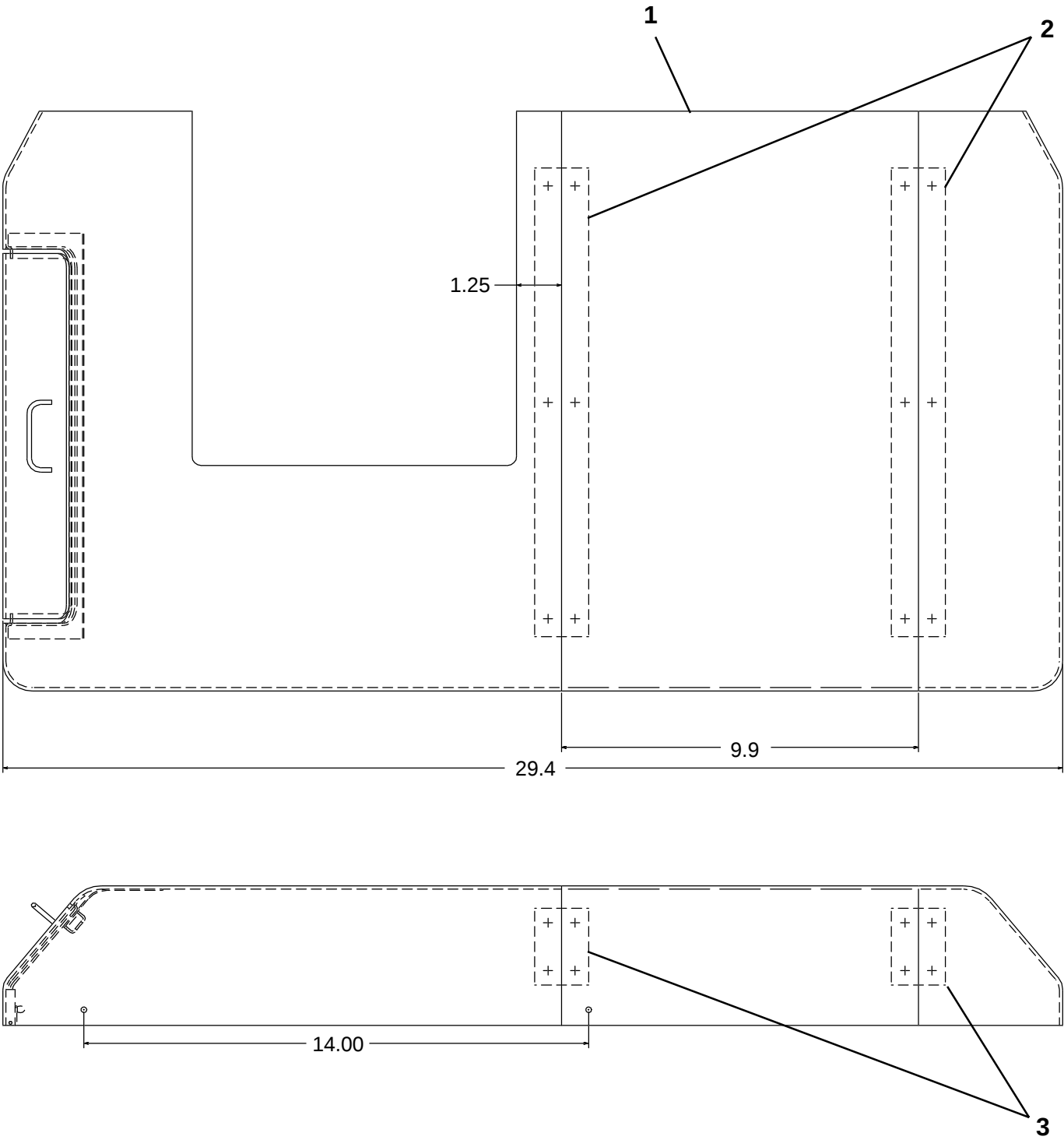
A. Remove Base Shroud

- (1) The base shroud must be removed to gain access to the hardware holding the seat to the floor, pull gently inbd separating ball from catch securing base shroud to seat assy.
- (2) Remove base shroud gently to prevent scratches or other damage.

B. Modify Base Shroud

- (1) Cut shroud at indicated dimension.
- (2) Remove ball catch and screw.
- (3) Install splice and plates as shown.
- (4) Install ball catch and screw.
- (5) Install base shroud.

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No.	Part Number	Description	Vendor
-	4690080-5	SEAT SHROUD MOD	
1	4690080-2	SPLICE	
2	4690080-4	PLATE	
3	4690080-3	PLATE	
4	- - -	BALL CATCH (relocation)	

NOTE: Parts not available as complete installations

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SMART SCREEN CONTROL BOX INSTALLATION - MAINTENANCE

1 General

- A.** The smart screen control box instl consist of a U/NET RS Converter and a Smart Screen PC these units are located under the # 10 passenger seat. It is nessesary to remove the seat to gain access to the hardware secuing the control box assemblies to the floor.

2 Removal/Installation

A. Remove Control Assembly

- (1) Disengage circuit breaker located in the aft bulkhead closet.
- (2) Remove passenger seat base shroud gently to prevent scratches or other damage (refer to provided vendor manual).
- (3) Remove passenger seat (refer to 25-20-22).
- (4) Disconnect the wire feed attached to the Control box, identify and tag for installation.
- (5) Remove screws securing control box to cabin floorboard.
- (6) Remove Control assembly and identify for installation.

B. Install Woofer Assembly

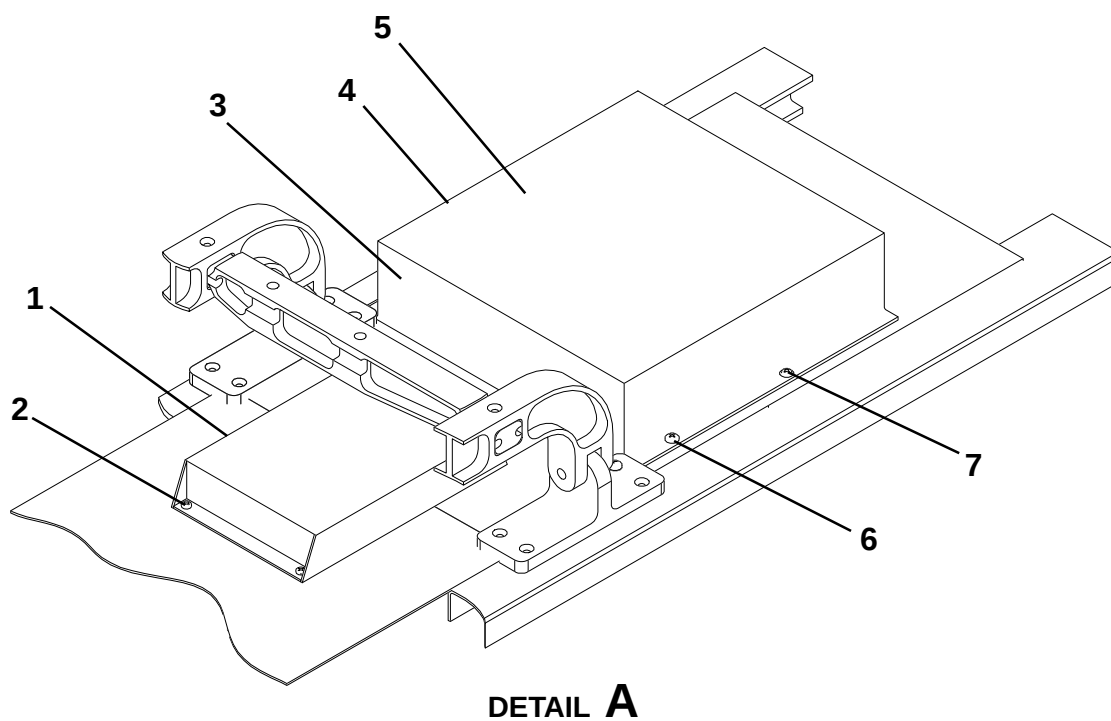
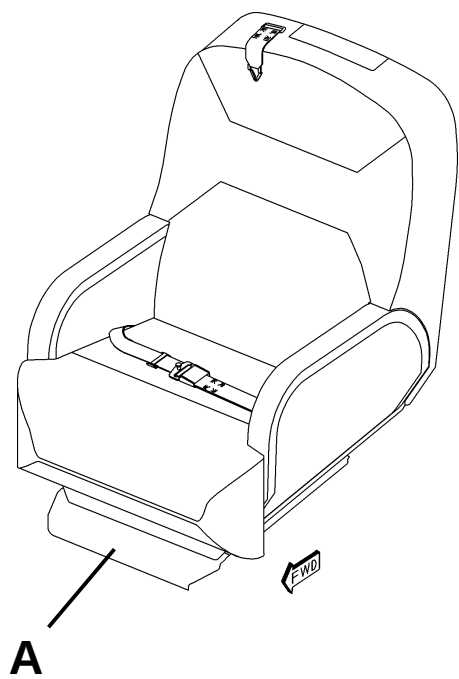
- (1) Position Control box at correct location.
- (2) Secure to structure with (1) screw at (4) places.
- (3) Idenify and locate the correct wire feed and attach it to the Control box.
- (4) Engage circuit breaker. located in aft bulkhead closet.
- (5) Intial inspection must be made prior to seat and base shroud installation.
- (6) Install passenger seat and base shroud.

3 Operations and inspections

A. Inspect Woofer Assembly

- (1) Inspect passenger seat base shroud for damage and security of installation.
- (2) Check the Control box for proper operation after the seat base shroud has been installed.
- (3) Inspect all the electrical components for evidence of arcing, shorting, or overheating.

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No.	Part Number	Description	Vendor
-	4611493-1	SMART SCREEN CONTROL BOX INSTL	
1	1053-1-3	UNET/RS CONVERTER	59959
2	NAS1329S06-75	BLIND NUT	
-	MS35206-327	SCREW	
-	NAS1149FN616P	WASHER	
3	- - -	USE EXISTING HARDWARE	
4	1451-1-3	SMART SCREEN PC	59959
5	NAS1329A06-200	NUT, BLIND RIVET	
-	MS35206-327	SCREW	
-	NAS1149FN616P	WASHER	
6	NAS1329S06-75	BLIND NUT	
-	MS35206-327	SCREW	
-	NAS1149FN616P	WASHER	
7	- - -	USE EXISTING HARDWARE	

NOTE: Parts not available as complete installations

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Subject	Forward	Maintenance	Parts
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Galley

Refreshment Center	25-30-01	25-30-02
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REFRESHMENT CENTER - MAINTENANCE

1. Description

A. This section covers the refreshment center located in the forward portion of the passenger compartment.

2. Refreshment Center Removal / Installation

A. Remove Refreshment Center.

- (1) Remove electrical power. Disengage REFRESHMENT CENTER circuit breaker located in the power junction box.
- (2) Remove header panel.
- (3) Remove forward structural panel of refreshment center. (Refer to section 25-20-01)
- (4) Remove screws securing upper cabinet assembly to the lower chest of the refreshment center.
- (5) Remove screws securing upper cabinet to cabin structure and disconnect wiring assemblies and hoses. Remove upper cabinet from airplane.
- (6) Remove screws securing chest assembly to airplane structure, disconnect wiring and hoses. Remove chest assembly from airplane.
- (7) For ease of removal / installation, illustrations are provided which cover all components mentioned above. Refer to section 25-30-02.

NOTE: It may be necessary to remove carpet before removing bolts.

B. Install Refreshment Center.

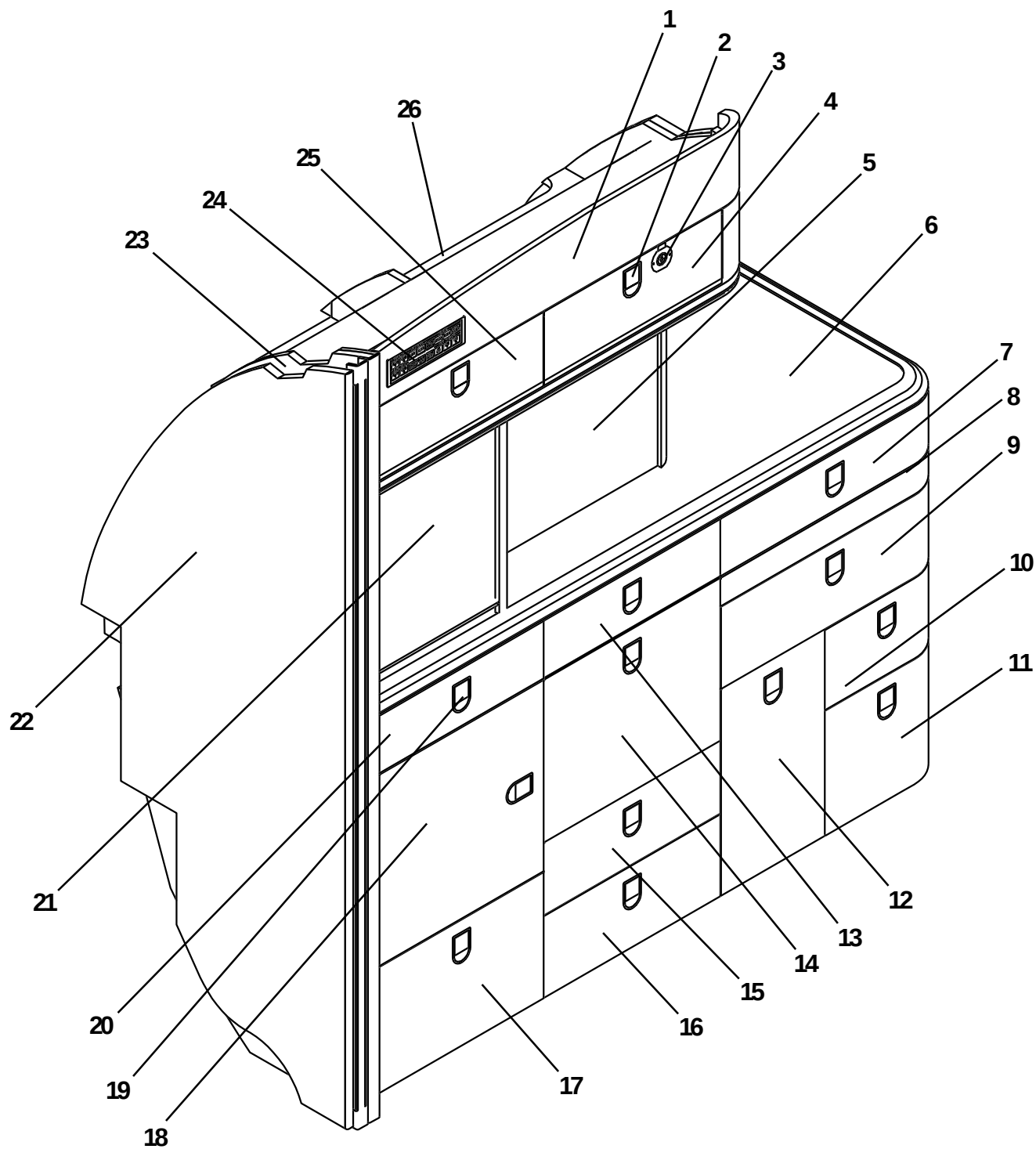
- (1) Position refreshment center chest assembly in airplane near the installed position.
- (2) Identify and connect electrical wiring and hoses, secure chest assembly to structure with screws.
- (3) Position upper cabinet assembly and connect wiring and hoses. Secure to structure with screws.
- (4) Secure upper cabinet to lower chest assembly with screws.
- (5) Install forward structural panel of refreshment center. (Refer to section 25-20-01)
- (6) Install header panel on upper cabinet assembly of refreshment center.
- (7) Engage REFRESHMENT CENTER circuit breaker located in the left power junction box and check electrical components.
- (8) For ease of removal / installation, illustrations are provided which cover all components mentioned above. Refer to section 25-30-02.

3. Inspection/Check

A. Inspect Refreshment Center.

- (1) Inspect refreshment center for nicks, cracks, dents and security of installation.
- (2) Check doors and drawers for proper operation.
- (3) Check switches and controls for evidence of arcing, shorts or overheating.
Check controls for proper operation.
- (4) Check heated drains for security, damage and proper operation.

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MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

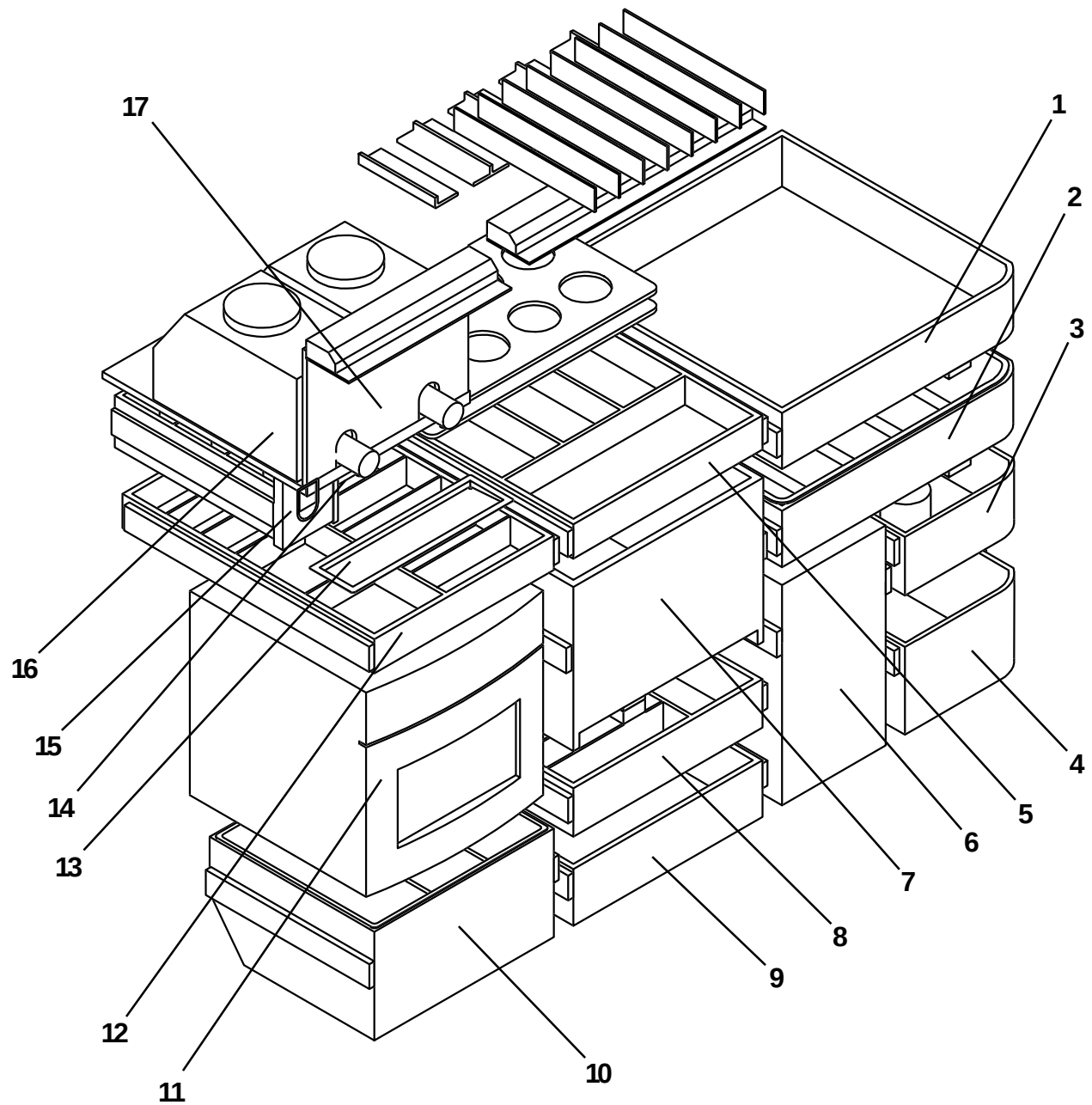


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No.	Part Number	Description	Vendor
-	4699462-1	REFRESHMENT CENTER ASSY	
-	4699434-1	UPPER SHELL	
-	4699413-1	LOWER SHELL	
1	4699443-2	REMOVABLE HEADER	
2	---	CUSTOMS SEAL LATCH	
3	K02066-US4	CORBIN LOCK	4W953
4	---	MINI-LIQUOR STORAGE	
-	1001G	HINGE (2 ea)	DETT
5	---	TAMBOUR DOOR	
6	---	GALLEY WORK SURFACE	
7	---	STORAGE DRAWER	
8	---	ACCENT TRIM ASSY	
9	---	STORAGE DRAWER	
-	4699462-5	REMOVABLE BEVERAGE HOLDER INSERT	
10	---	STORAGE DRAWER	
11	---	STORAGE DRAWER	
12	4699462-3	TRASH CONTAINER	
13	---	STORAGE DRAWER	
14	4699462-2	DIVIDED ICE CHEST	
15	---	STORAGE DRAWER	
16	---	STORAGE DRAWER	
17	---	STORAGE DRAWER	
-	4699462-6	REMOVABLE DIRTY DISH LINER	
18	---	OVEN / STORAGE DRAWER	
-	DH-4A-90	HINGE (2 ea)	MOIN
-	4699462-4	STORAGE DRAWER (to be used in place of oven)	
-	A5210-14P	SLIDE ASSY (2 ea)	52607
19	SAM243	LATCH (14 ea)	31845
20	---	STORAGE DRAWER	
21	---	TAMBOUR DOOR	
22	---	RH DIVIDER DOOR INSTL (see section 25-20-02)	
23	4699450-6	STRUCTURAL PANEL	
24	1322-1-72	MASTER SWITCH PANEL	59959
25	---	STORAGE COMPARTMENT	
-	1001G	HINGE (2 ea)	DETT
26	4611097-1	GASPER AIR INSTL (not shown)	

NOTE: Parts not available as complete installations

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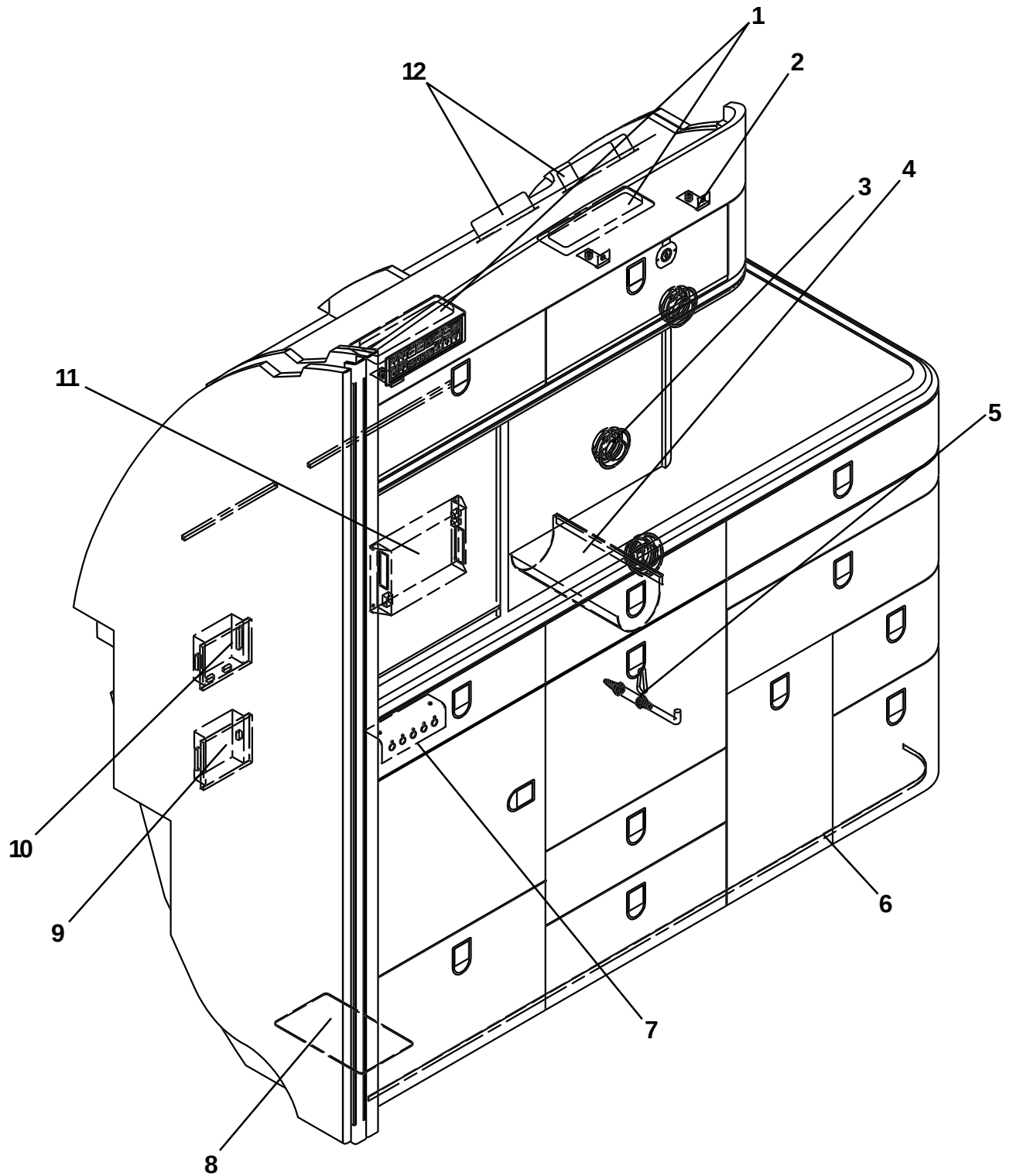


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 INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

No.	Part Number	Description	Vendor
-	4699462-1	REFRESHMENT CENTER ASSY	
1	---	STORAGE DRAWER	
-	A5210-18P	SLIDE ASSY (2 ea)	52607
2	A5210-18P	SLIDE ASSY (2 ea)	52607
3	A5210-15P	SLIDE ASSY (2 ea)	52607
4	A5210-10P	SLIDE ASSY (2 ea)	52607
5	A5210-18P	SLIDE ASSY (2 ea)	52607
6	A5210-15P	SLIDE ASSY (2 ea)	52607
7	A5210-16P	SLIDE ASSY (3 ea)	52607
8	A5210-14P	SLIDE ASSY (2 ea)	52607
9	A5210-11P	SLIDE ASSY (2 ea)	52607
10	A5210-13P	SLIDE ASSY (2 ea)	52607
11	400-1409-02-L	MICROWAVE	14776
12	A5210-18P	SLIDE ASSY (2 ea)	52607
13	---	DRIP TRAY W/AUTOMATIC OVERBOARD DRAIN	
14	---	DUAL CUP DISPENSOR	
-	240BALLCATCH	DOUBLE BALL CATCH (2 ea)	62139
15	---	CONDIMENT STORAGE DRAWER	
-	A5210-12P	SLIDE ASSY (2 ea)	52607
16	81366C0563-1150-0658	CUSTOM PREPCO (2 ea)	4W953
17	---	STOWABLE PREPCO DOOR	
-	12528-1	STOWABLE PREPCO DOOR INSTL	

NOTE: Parts not available as complete installations

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INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

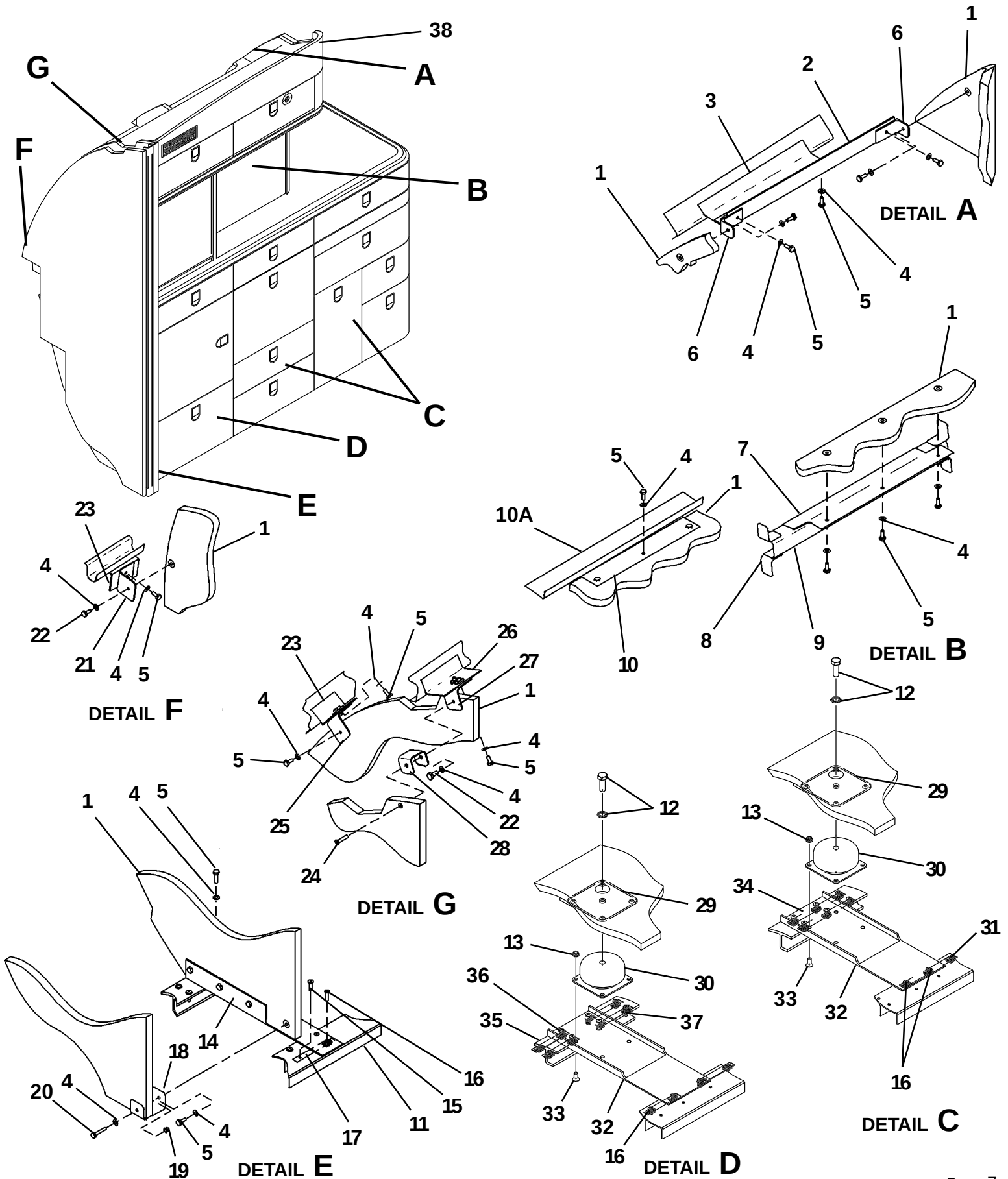


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No.	Part Number	Description	Vendor
-	4699462-1	REFRESHMENT CENTER ASSY	
1	---	LIGHT HOUSING (2 ea)	
-	S6.00C1B28-2L-AE	STRIP LIGHT	0A485
-	V3L1123D8	MICROSWITCH	91929
2	4699420-2	HEADER ANGLE (4 ea)	
-	#8	SCREW	
3	1205-2	AIR VALVE	83564
-	2944-01	CAP	16827
-	U62-1.0	HOSE	
-	2000-24	CLAMP	16827
-	---	TEE	
-	---	COUPLING	
4	---	REMOVABLE BOTTLE HOLDER (located in ice chest)	
5	S-1044-1	BALL VALVE	4W953
-	81289-1	BRACKET	
-	S-1014	HOSE	
-	12928	"Y" CONNECTOR	4W953
-	KF06-02PS	COUPLING	44055
6	S2800-453	LIGHT	
7	4699444-4	CIRCUIT BREAKER ANGLE	
-	#10	SCREW	
-	4699462-7	CIRCUIT BREAKER SILKSCREEN	
8	---	REMOVABLE ACCESS PANEL	
9	725256-801	CALL ALERTER SWITCH	37695
-	MS21042L06	NUT	
-	MS35206-228	SCREW	
-	NAS1149DN632K	WASHER	
-	4616024-23	CALL ALERTER PLACARD ASSY	
10	724864-801	CABIN DATA BUS REPEATER	37695
-	MS21042L06	NUT	
-	MS35206-228	SCREW	
-	NAS1149DN632K	WASHER	
-	4616024-25	CDBR PLACARD ASSY	
11	1051-1-2/512-21	CABIN MANAGEMENT MODULE	59959
-	#6	SCREW / WASHER	
-	#6	SELF-LOCKING NUT	
-	4616024-17	CABIN MANAGEMENT PLACARD ASSY	
12	AL750PS	POWER SUPPLY (3 ea)	59579
-	4616024-1	POWER SUPPLY PLACARD ASSY	

NOTE: Parts not available as complete installations

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No.	Part Number	Description	Vendor
-	4611423-12	REFRESHMENT CENTER INSTL	
1	---	CABINET PANEL	
2	4611372-2	INTERCOSTAL ASSY	
3	4611125-13	WEB	
4	NAS1149FO332P	WASHER (41 ea)	
5	AN3-4A	BOLT (29 ea)	
6	4611080-8	BRACKET (2 ea)	
7	4611024-6	WEB	
8	4611080-11	CLIP (4 ea)	
9	4611080-9	LONGERON	
10	4611024-5	WEB	
10A	---	STRINGER	
11	---	INBOARD SEAT BEAM	
12	MS35307-360	BOLT	
-	MS35335-30	WASHER	
13	MS21042-4	NUT	
14	4611080-14	FLOOR BRACKET	
15	MS27039-1-10	SCREW	
15A	AN3-6A	BOLT (3 ea)	
16	MS24694S53	SCREW (6 ea)	
17	4611087-8	NUTPLATE ASSY	
17A	4611080-12	NUTPLATE ASSY	
18	4611115-12	BRACKET	
19	MS21043-3	NUT	
20	AN3-7A	BOLT	
21	4611115-22	BRACKET	
22	AN3-3A	BOLT (2 ea)	
23	4611126-8	ANGLE ASSY	
24	MS24694S57	SCREW	
25	4611115-21	BRACKET	
26	4611126-6	ANGLE ASSY	
27	4611115-20	BRACKET	
28	4611126-25	SPACER BRKT ASSY	
29	4699388-2	MOUNTING PLATE	
-	4699388-3	SPACER BLOCK	
30	CM2-80AST	SHOCK MOUNT	07941
31	4919058-3	SILKSCREEN (NOT SHOWN)	
32	4611423-2	FLOOR BRACKET	
33	MS24694S95	SCREW	
34	4611423-4	NUTPLATE ASSY	
35	4611080-12	NUTPLATE ASSY	
36	MS27039-1-11	SCREW	
37	4611423-3	NUTPLATE ASSY	
38	4914044-1	SILKSCREEN	

NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Subject	Forward	Maintenance	Parts
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Lavatories

Aft Vanity	25-40-01	25-40-02
Aft Closet	25-40-03	25-40-04
Water Barrier	25-40-05	25-40-06
Toilet Installation	25-40-07	25-40-08

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AFT VANITY - MAINTENANCE

1. Caution

- A. Vanity cabinets incorporating electrical components must have the electrical wire bundle(s) properly routed and secured.
- (1) Verify the appropriate circuit breaker is disengaged before performing maintenance on any electrical components or wiring.
 - (2) Secure and protect electrical wires to prevent fraying and contact with moving parts such as drawers and hardware.
 - (3) Ensure clearance between electrical wiring and heat generating components.
 - (4) Ensure electrical wiring is not crushed or pinched between the cabinetry and the airplane structure during installation of the cabinetry.
 - (5) Ensure electrical wiring insulation is not frayed and bare wires are repaired or replaced. Wire bundles should be properly routed using grommets, necessary clamps and tie-straps.

2. Removal/Installation (See Illustration)

A. Remove Aft Vanity.

- (1) Disconnect electrical power. Empty water tank in closet. Disengage VANITY circuit breaker located in the power junction box.
- (2) Remove bolts, screws and washers securing the aft vanity components, and the attach brackets.

NOTE: It may be necessary to remove carpet before removing bolts.

- (3) Move vanity inboard by first tilting the top inboard, then move the bottom inboard enough to disconnect electrical wiring and remove drain hose. Tag and disconnect electrical wiring. Disconnect hoses, then remove vanity from airplane.

B. Install Vanity.

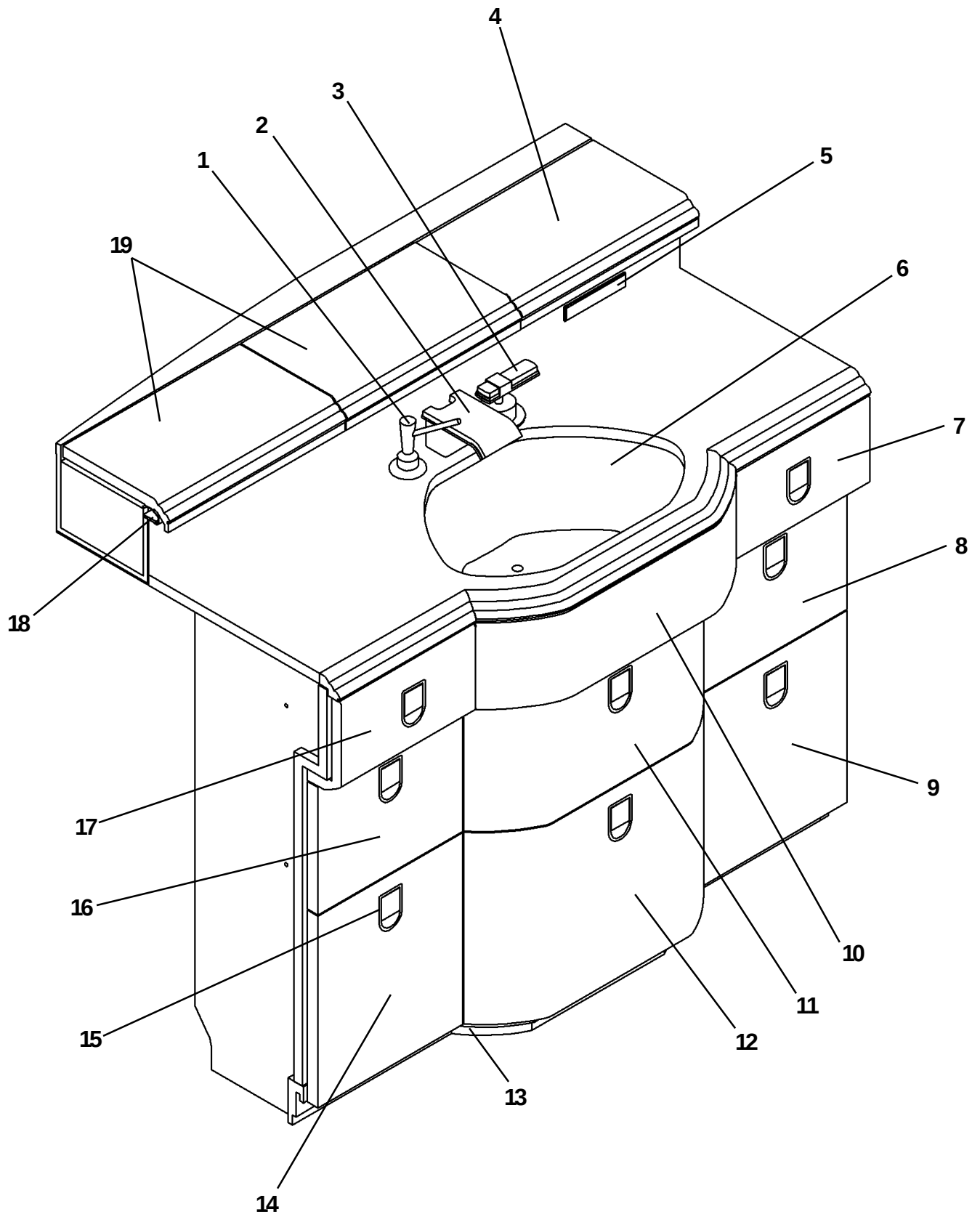
- (1) Position vanity components in airplane near the installed position.
- (2) Identify and connect electrical wiring.
- (3) Connect water hoses.
- (4) With top of vanity tilted inboard, place the bottom in against the wall, then tilt the top back into position.
- (5) Install bolts, screws and washers securing vanity in place.
- (6) Engage Vanity circuit breaker located in the left power junction box and check electrical components.
- (7) Fill water tank, check for leaks.

3. Inspection/Check

A. Inspect Vanity.

- (1) Inspect vanity for nicks, cracks, dents and security of installation.
- (2) Check doors and drawers for proper operation.
- (3) Check switches and controls for evidence of arcing, shorts or overheating. Check controls for proper operation.
- (4) Check heated drains for security, damage and proper operation.
- (5) Check plumbing, look for leaks or corrosion.

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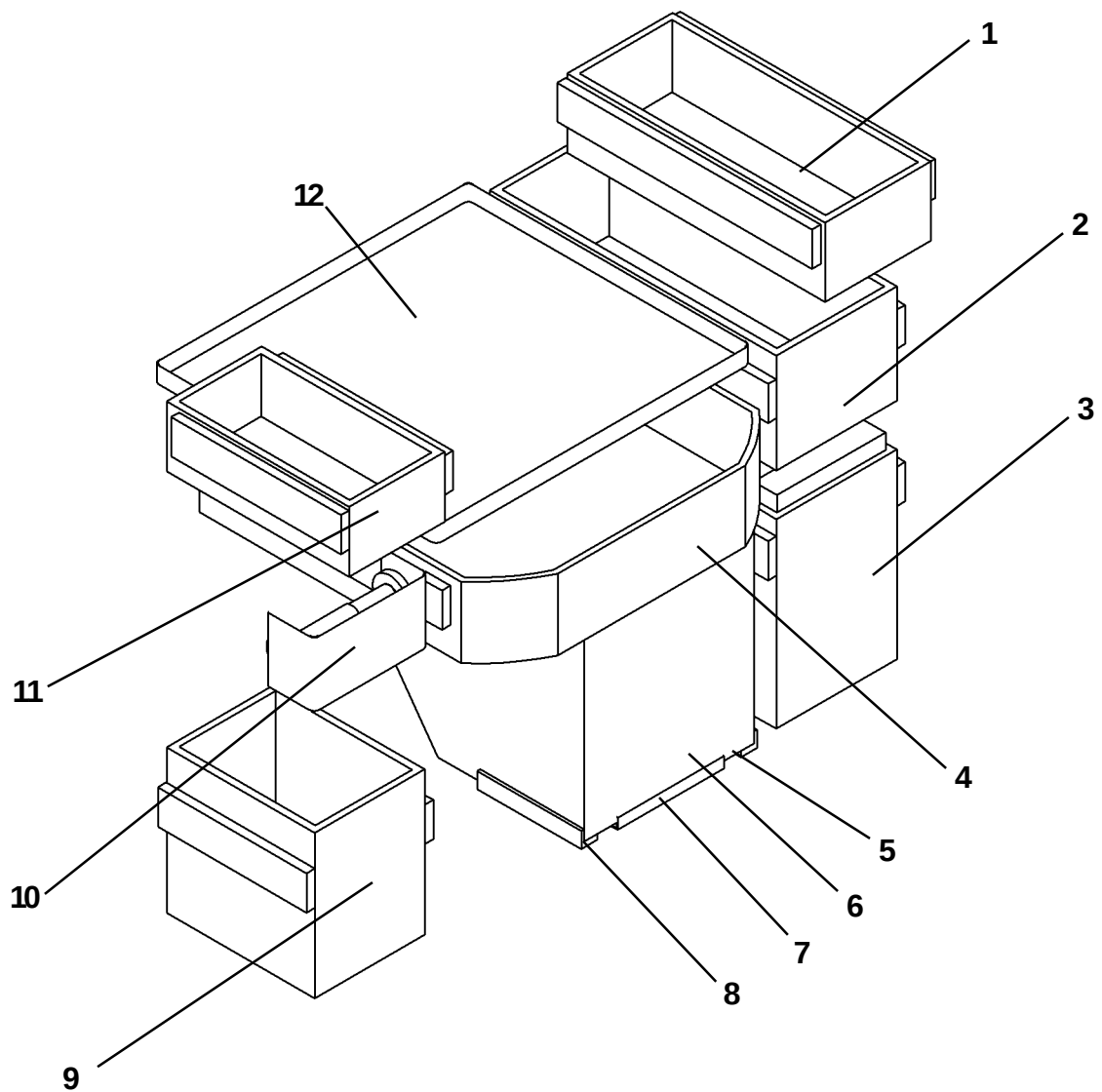


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No.	Part Number	Description	Vendor
-	4699280-4	LH VANITY CABINET ASSY	
1	DELTA 1000	SOAP DISPENSER	4W953
2	12341-1	SPOUT ASSY	4W953
-	#10	SCREW	
-	12515-3	TUBE ADAPTER	4W953
-	#10	SCREW	
-	6-EBU-SS	90 DEGREE FITTING	4W953
3	12515-1	HANDLE ASSY	4W953
-	#10	SCREW	
-	12384-1	FAUCET HANDLE ASSY	4W953
4	---	GENERAL STORAGE	
5	17039-BR9424-001	SIGN	17023
6	12368-1	SINK ASSY	4W953
-	10760-99	DRAIN ASSY	4W953
-	#10	SCREW/INSERT	
7	---	GENERAL STORAGE DRAWER	
8	---	GENERAL STORAGE DRAWER	
9	12479-1	TRASH CONTAINER ASSY	4W953
10	---	ACCESS TO ELECTRICAL COMPONENTS	
11	---	GENERAL STORAGE DRAWER	
12	---	WATER TANK AND GENERAL STORAGE AREA	
-	90A6500	HINGE (2 ea)	0BN60
-	195H7130	MOUNTING PLATE (2 ea)	0BN60
13	FR31W1S28LEAE	ACCENT LIGHT	0A485
14	---	GENERAL STORAGE DRAWER	
15	SAM243	PADDLE LATCH	31845
16	---	TOILET TISSUE STORAGE	
17	---	GENERAL STORAGE DRAWER	
-	---	REMOVABLE KYDEX DIVIDERS	
18	AL-1245-T-737	FLUORESCENT LAMP	59579
19	---	GENERAL STORAGE COMPARTMENTS	

NOTE: Parts not available as complete installations

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INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

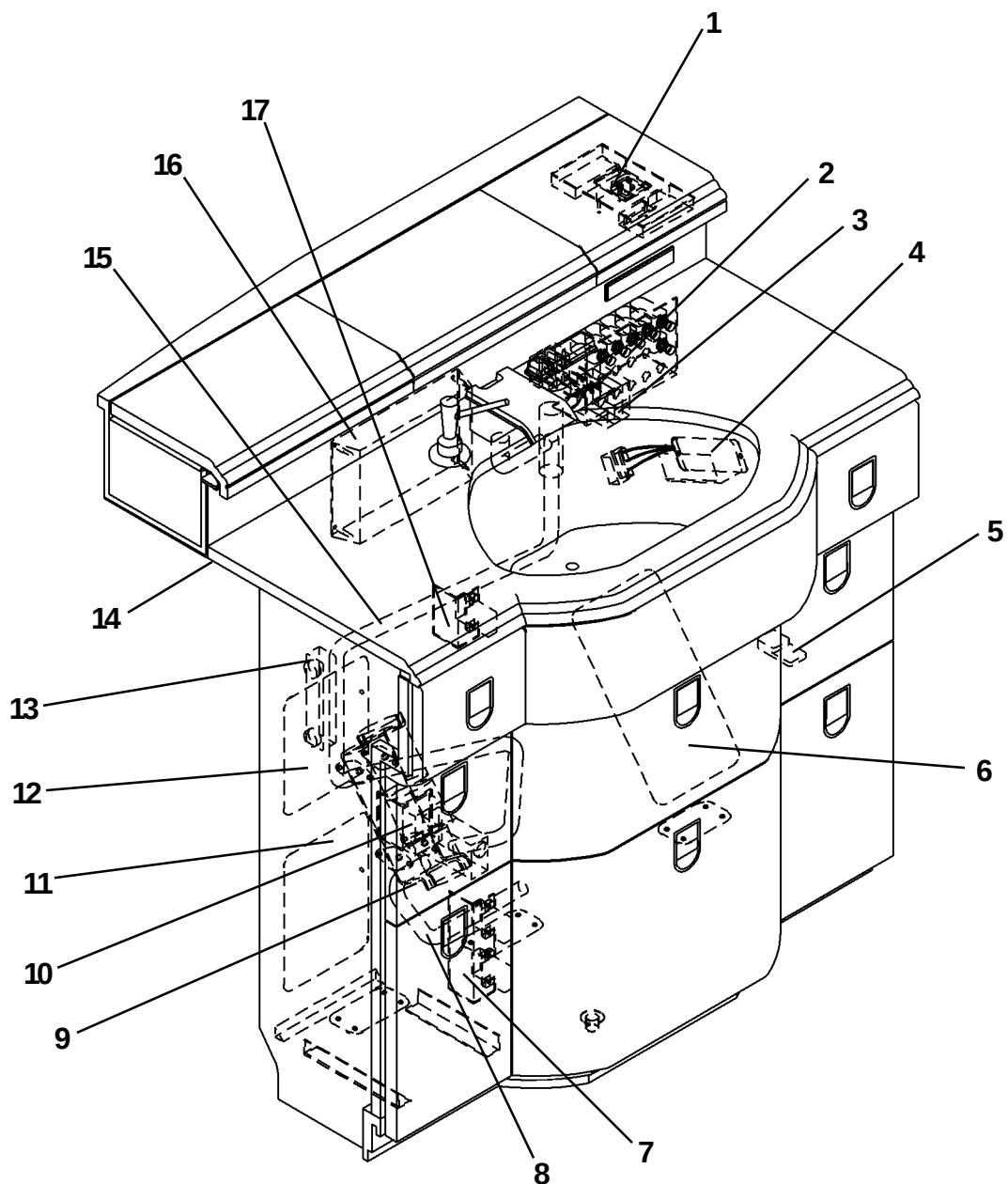


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 INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

No.	Part Number	Description	Vendor
-	4699280-4	LH VANITY CABINET ASSY	
1	---	GENERAL STORAGE DRAWER	
-	A5210-12P	SLIDE ASSY (2 ea)	52607
2	---	GENERAL STORAGE DRAWER	
-	A5210-12P	SLIDE ASSY (2 ea)	52607
3	12479-1	TRASH CONTAINER ASSY	4W953-
-	A5210-12P	SLIDE ASSY (2 ea)	52607
4	---	GENERAL STORAGE DRAWER	
-	A5210-12P	SLIDE ASSY (2 ea)	52607
5	---	EXTRUSION	
6	12614-1	2 GALLON WATER TANK	4W953
-	LCD100-06	COUPLING BODY	62661
-	LCD260-04	COUPLING	62661
-	G-06349-42	ELBOW	4W953
-	HFCD106-12	COUPLER-NPT	62661
-	HFCD246-12	NIPPLE-NPT	62661
7	---	EXTRUSION	
8	---	EXTRUSION	
9	---	GENERAL STORAGE DRAWER	
-	A5210-7P	SLIDE ASSY (2 ea)	52607
10	---	TOILET PAPER ROLL	4W953
11	---	GENERAL STORAGE DRAWER	
-	A5210-8P	SLIDE ASSY (2 ea)	52607
12	---	DRIP PAN	

NOTE: Parts not available as complete installations

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INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

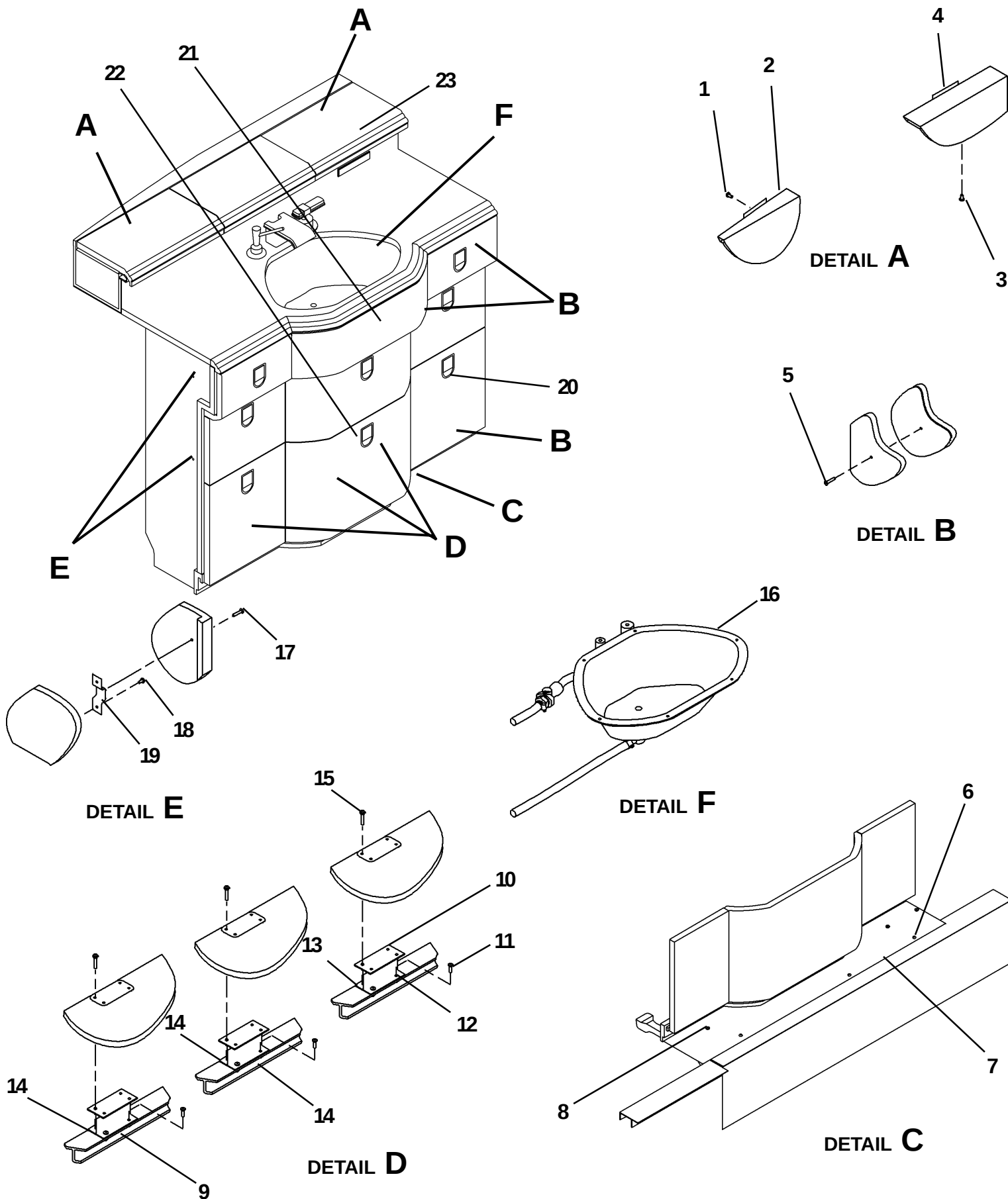


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 INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

No.	Part Number	Description	Vendor
-	4699280-4	LH VANITY CABINET ASSY	
1	1322-1-22	110 VOLT ELECTRIC OUTLET	59959
-	4699109-2	HAT BRACKET	
-	12520-13	CLOSEOUT PANEL	4W953
-	#8	SCREW	
2	81295-3-3-15	BREAKER ANGLE	4W953
-	#8	SCREW	
3	AL750D	DIMMER MODULE (3 ea)	59579
-	NAS43DD4-4FC	SPACER (2 ea)	
-	NAS600-28P	SCREW	
4	AL750PS	POWER SUPPLY	59579
-	#6	SCREW	
-	4616024-1	POWER SUPPLY PLACARD ASSY	
5	12448-71	RUB BLOCK	4W953
6	---	REMOVABLE ACCESS PANEL	
7	12520-25	DOUBLE RELAY BRACKET	4W953
-	#6	SCREW	
8	---	WATER HOSE	
9	4699266-5	PUMP AND SOLENOID ASSY	
-	79003-06-0120	WATER HOSE	
-	SL2337-3	SHOCK MOUNT (4 ea)	97393
-	4690025-2	WATER PUMP BRACKET ASSY	
-	#8	SCREW	
-	10-32 UNJF	BOLT (4 ea)	
-	12538-59	CONNECTOR ANGLE	4W953
-	#6	SCREW	
-	79339-002	HYDRAFLO HOSE	24984
-	AS4471-06-0300	HYDRAFLO HOSE	24984
10	0BRU48AD	TIMER RELAY	63681
-	S08	SOCKET	63681
-	12515-25	SOCKET BRACKET	4W953
-	#8	SCREW	
11	---	REMOVABLE ACCESS PANEL	
12	---	REMOVABLE ACCESS PANEL	
13	1049-1-1	TERMINAL BLOCK	59959
14	4699283-2	SMALL VANITY SHELL	
15	---	WATER HOSE	
16	1051-1-2	CONTROL MODULE	59959
-	#8	SCREW	
-	4616024-17	CABIN MANAGEMENT CONTROL MODULE PLACARD	
17	12495-21	RELAY BRACKET	4W953
-	#6	SCREW	

NOTE: Parts not available as complete installations

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No.	Part Number	Description	Vendor
-	4611122-1	LH VANITY CABINET INSTL	
1	MS27039-1-06	SCREW	
2	4611113-4	BRACKET	
3	MS27039-1-06	SCREW	
4	4611113-3	BRACKET	
5	MS24693-275	SCREW	
6	MS27039-0808	SCREW	
-	S1477-8B	NUT	
7	4611122-2	FLOORBOARD	
8	MS27039-1-07	SCREW	
-	S1477-3	NUT	
9	4611114-9	NUTPLATE STRIP	
10	4611113-19	BRACKET ASSY	
11	MS27039-1-18	SCREW (9ea)	
12	4611113-7	NUTPLATE STRIP	
13	4611122-3	NUTPLATE STRIP	
14	4611119-3	NUTPLATE STRIP	
15	MS27039-1-18	SCREW	
16	#10	SCREW	
17	MS24693-S275	SCREW	
18	MS27039-1-06	SCREW	
19	4611113-17	BRACKET	
20	4919058-2	SILKSCREEN	
-	4919058-3	SILKSCREEN (trash can lid)	
21	4919044-1	SILKSCREEN	
22	4611297-2	SILKSCREEN	
23	4616015-5	SILKSCREEN "ELECTRICAL OUTLET"	

NOTE: Parts not available as complete installations

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AFT CLOSET - MAINTENANCE

1. General

- A.** This section covers the aft bulkhead closet which is located in the extreme aft portion of the cabin. The aft closet is built in two sections, an upper and lower and these sections are separated during removal / installation.

2. Removal/Installation (See Illustration)

A. Remove Closet.

- (1) Remove Aft Vanity. (Refer to 25-40-01)
- (2) Remove Toilet. (Refer to section 25-40-07)
- (3) Disconnect electrical power. Empty water tank. Disengage CLOSET circuit breaker located in the power junction box.
- (4) Remove bolts, screws and washers securing the aft closet upper section to the attach brackets. Disconnect wiring assemblies and hoses.
- (5) Remove screws securing the upper section of the closet to the lower section and remove upper section of closet.
- (6) Remove screws securing lower section to the airplane structure, and remove lower section.

B. Install Closet.

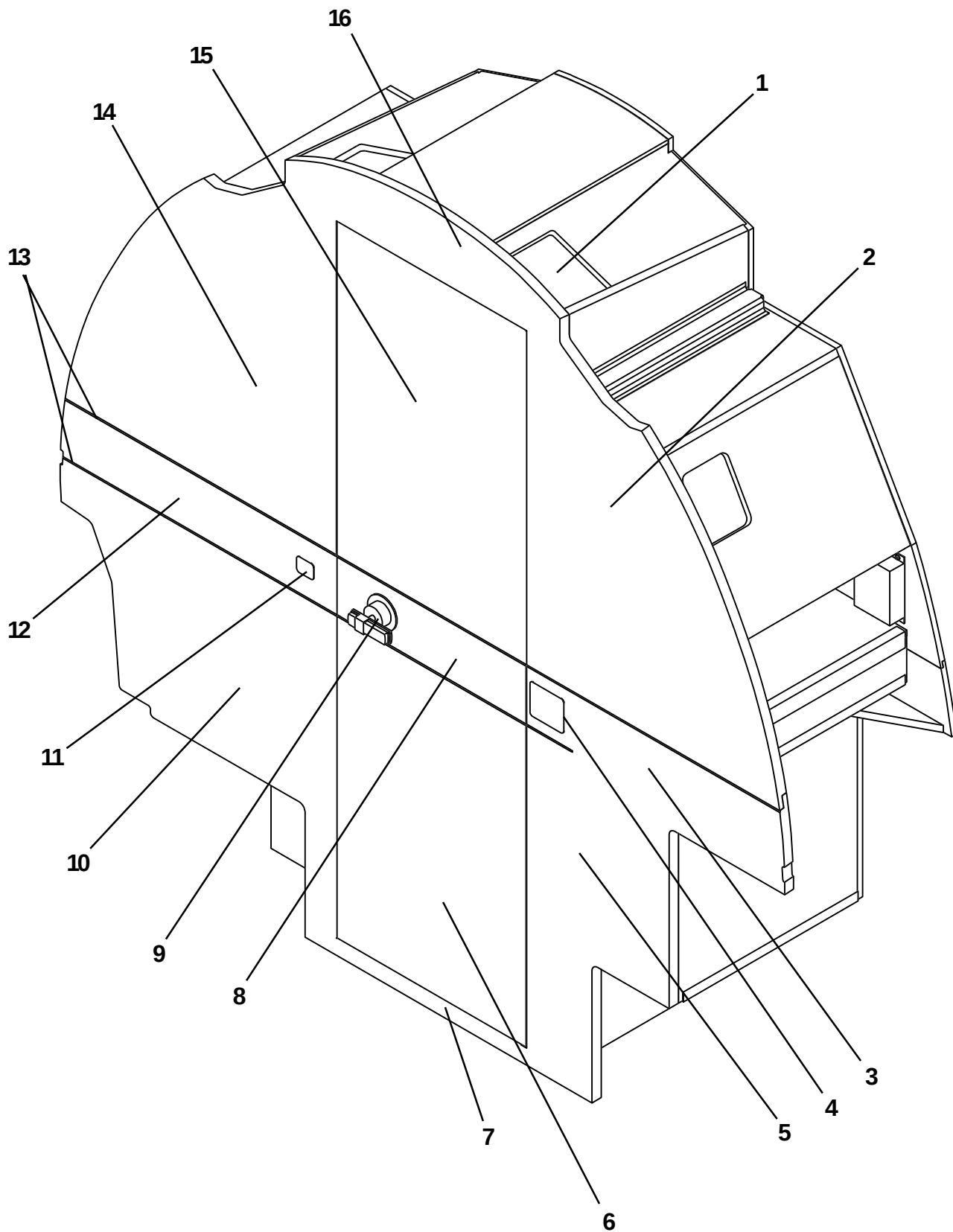
- (1) Position lower section of closet in airplane near the installed position, and secure to structure with screws.
- (2) Identify and connect electrical wiring.
- (3) Connect water hose.
- (4) With top of closet tilted inboard, place the bottom in against the wall, then tilt the top back into position.
- (5) Install bolts, screws and washers securing upper section of closet in place.
- (6) Engage CLOSET circuit breaker located in the left power junction box and check electrical components.
- (7) Install Toilet. (Refer to section 25-40-07)
- (8) Install Aft Vanity. (Refer to section 25-40-01)

3. Inspection/Check

A. Inspect Closet.

- (1) Inspect closet for nicks, cracks, dents and security of installation.
- (2) Check doors for proper operation.
- (3) Check switches and controls for evidence of arcing, shorts or overheating.
Check controls for proper operation.

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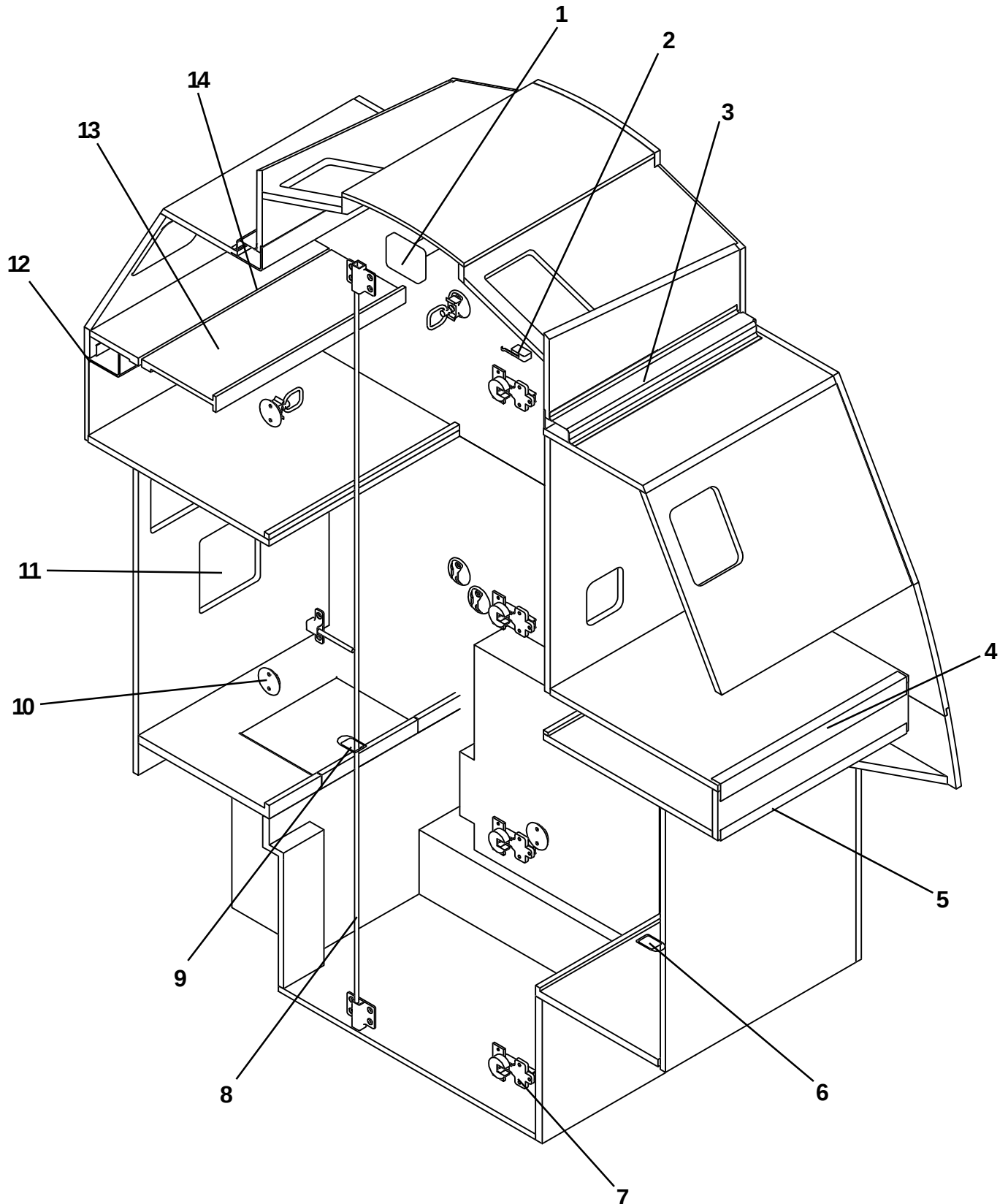


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No.	Part Number	Description	Vendor
-	4699350-27	BULKHEAD CLOSET ASSY	
1	12172A0700E0500	ACCESS PANEL (5 ea)	4W953
-	#6	SCREW	
2	4699350-17	MIRROR	
3	---	WOOD VENEER	
4	1322-1-5	VANITY SWITCH PANEL	59959
-	12501-5	SWITCH COVER	4W953
5	---	WOOD VENEER	
6	---	WOOD VENEER	
7	---	WOOD VENEER	
8	---	WOOD VENEER	
9	12576-3	3 PT DOOR HANDLE	4W953
-	12479-37	DOOR STAY ANGLE	4W953
-	1085	DOOR SUPPORT	4W953
-	#8	SCREW	
-	12480-31	DOOR TRIM GUARD (3 ea)	4W953
-	12391-9	STRIKER (3 ea)	4W953
-	12448-101	DOOR STOP	4W953
-	12448-99	DOOR STOP	4W953
10	---	WOOD VENEER	
11	1322-1-2	VANITY SEAT LIGHT SWITCH PANEL	59959
-	12391-23	SWITCH COVER-RH	4W953
12	---	WOOD VENEER	
13	---	METAL INLAY TRIM STRIP	
14	4699350-14	MIRROR	
15	4699350-16	MIRROR	
16	4699350-15	MIRROR	
-	4611249-1	LIFE RAFT PLACARD INSTL	

NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
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INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

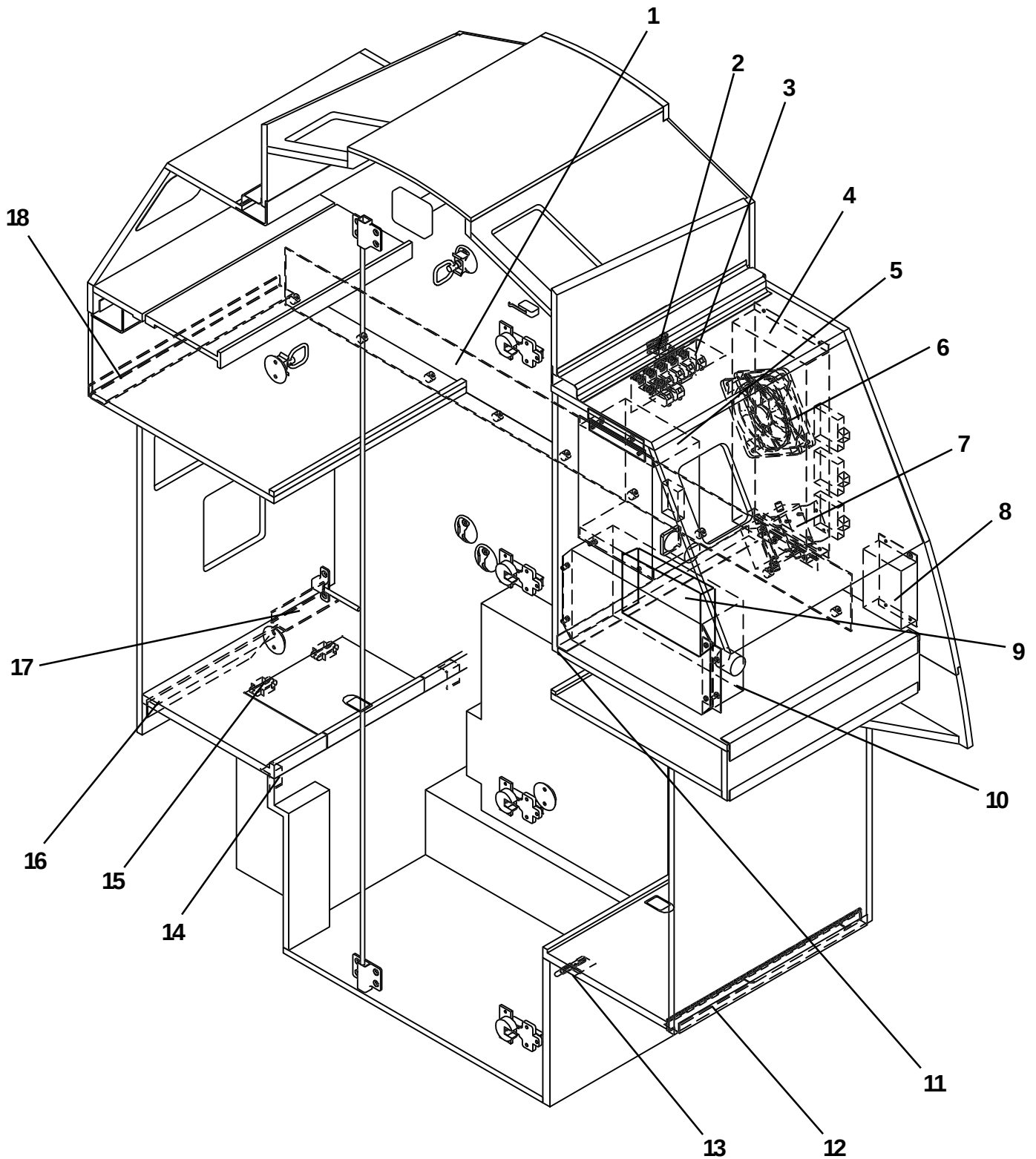


CESSNA AIRCRAFT COMPANY
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No.	Part Number	Description	Vendor
-	4699350-27	BULKHEAD CLOSET ASSY	
1	12479-29	COAT ROD HOLDER	4W953
-	12479-17	COAT ROD	4W953
2	V3L1123D8	MICROSWITCH	91929
-	#8	CTRSNK SCREW	
3	12589-49	LIGHT HOUSING (2 ea)	4W953
-	- - -	TANSLUCENT LENS	
-	#6	CTRSNK SCREW	
-	MS25231-313	BULB	
-	7-06	BULB HOLDER	
4	12614-31	ANGLE ASSY	4W953
5	12479-9	ANGLE	4W953
-	#8	SCREW	
6	A23545-3S	LATCH	52607
7	98M9500	HINGE (4 ea)	0BN60
-	#6	SCREW	
-	195H7130	MOUNTING PLATE (4 ea)	0BN60
-	#10	CTRSNK SCREW	
8	12576-3	3 POINT DOOR HANDLE ASSY	4W953
9	A23545-3S	LATCH	52607
10	20050-52	ANCHOR PLATE (10 ea)	95957
11	12172A0650E0600	ACCESS PLATE	4W953
12	12479-11	Z-EXTRUSION	4W953
-	#8	SCREW	
13	- - -	FOLDING STORAGE SHELF	
-	S-1103-1	PIN ASSY	4W953
-	S-1103-2	PIN ASSY	4W953
-	12391-21	BUSHING (4 ea)	4W953
14	81322-22-1500-6M-6M	PIANO HINGE	4W953
-	#6	CTRSNK SCREW	

NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
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INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

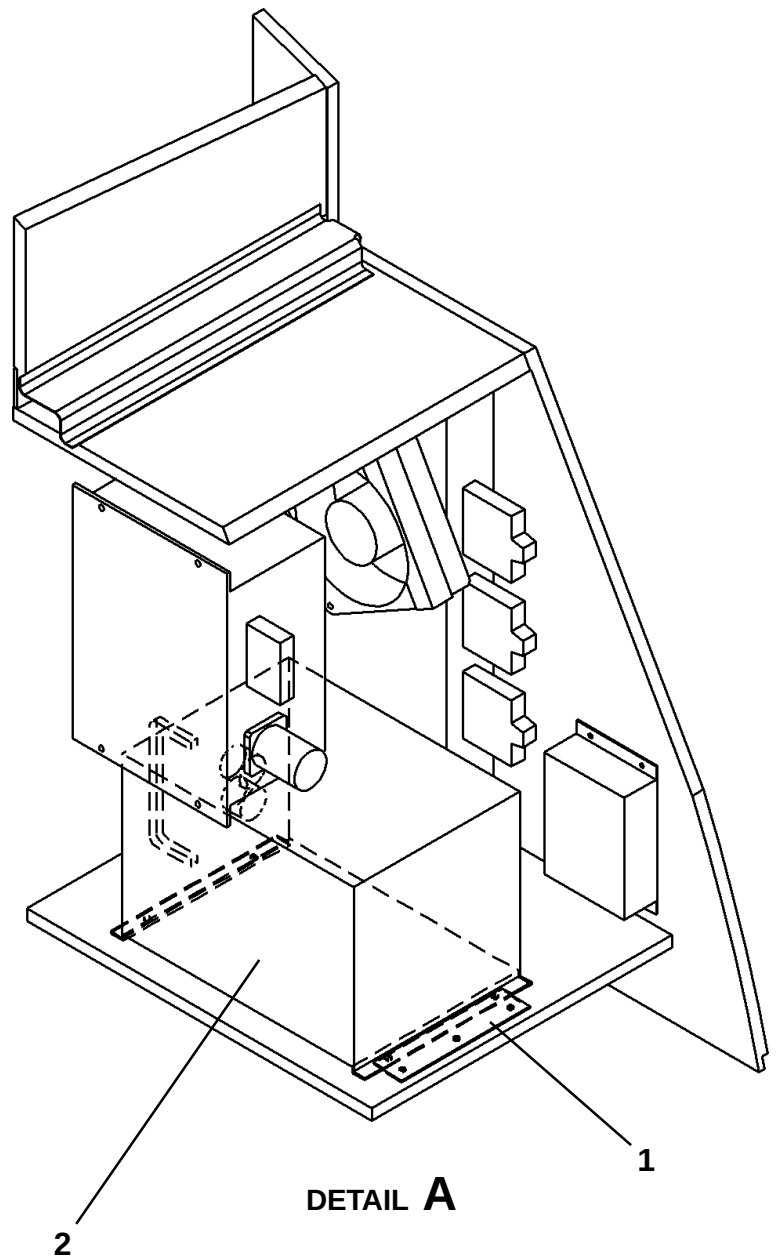
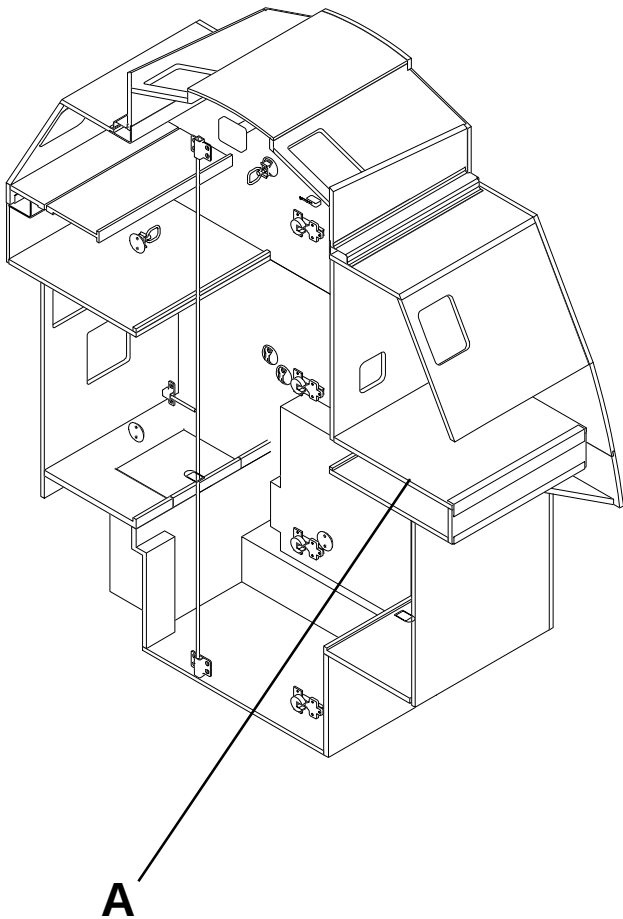


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No.	Part Number	Description	Vendor
-	4699350-27	BULKHEAD CLOSET ASSY	
1	12515-17	SUPPORT PLATE ASSY	4W953
-	#10	SCREW	
2	10522-1	TOUCH LATCH	4W953
3	81295-3-2-10	BREAKER ANGLE	4W953
-	#10	SCREW	
4	1024-1-1/512-2	A / V CONTROLLER	59959
-	12562-9	RETAINER ANGLE	4W953
-	#8	SCREW	
-	4616024-11	AV CONTROLLER PLACARD ASSY	
5	102002-1	STEREO AMPLIFIER	MCCI
-	12562-9	RETAINER ANGLE	4W953
-	#10	SCREW	
-	4616024-7	STEREO AMP PLACARD ASSY	
6	4948003-4	DC COOLING FAN ASSY	
-	12615-5	FAN MOUNTING ANGLE	4W953
-	12570A048B048	SCREEN (2 ea)	4W953
-	#10	SCREW	
-	#10	NUT	
7	159006	VIDEO ISOLATION TRANSFORMER (2 ea)	70093
-	#8	NUT	
-	4690044-4	HAT BRACKET	
-	#8	SCREW	
-	4616024-21	TRANSFORMER PLACARD ASSY	
8	HDM-3	HEADPHONE AMPLIFIER	AUIN
-	#6	SCREW	
-	4616024-27	AIRSHOW BRIEFER PLACARD ASSY	
9	1033-1-1	RADIO FREQ. / IR INTERPRETER	59959
-	4699350-28	BRACKET	
-	#10	SCREW	
10	SS120	28 VOLT DC INVERTER	16017
-	12391-25	RETAINER ANGLE	4W953
-	#10	SCREW	
-	1/4"	SCREW	
-	4616024-19	AC INVERTER PLACARD ASSY	
11	12344-9-1553	COVER MOUNTING ANGLE	4W953
12	12589-47	ANGLE ASSY	4W953
-	81322-22-1500-6M-6M	PIANO HINGE	4W953
13	S-1103-2	PIN ASSY	4W953
14	12448-55	ANGLE ASSY (2 ea)	4W953
-	#10	CTRSNK SCREW	
15	1001DH	HINGE (2 ea)	DETT
16	12589-45	ANGLE ASSY	4W953
-	#10	CTRSNK SCREW	
17	12448-51	ANGLE ASSY	4W953
-	#10	CTRSNK SCREW	
18	12479-9	ANGLE	4W953
-	#8	SCREW	

NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
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INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

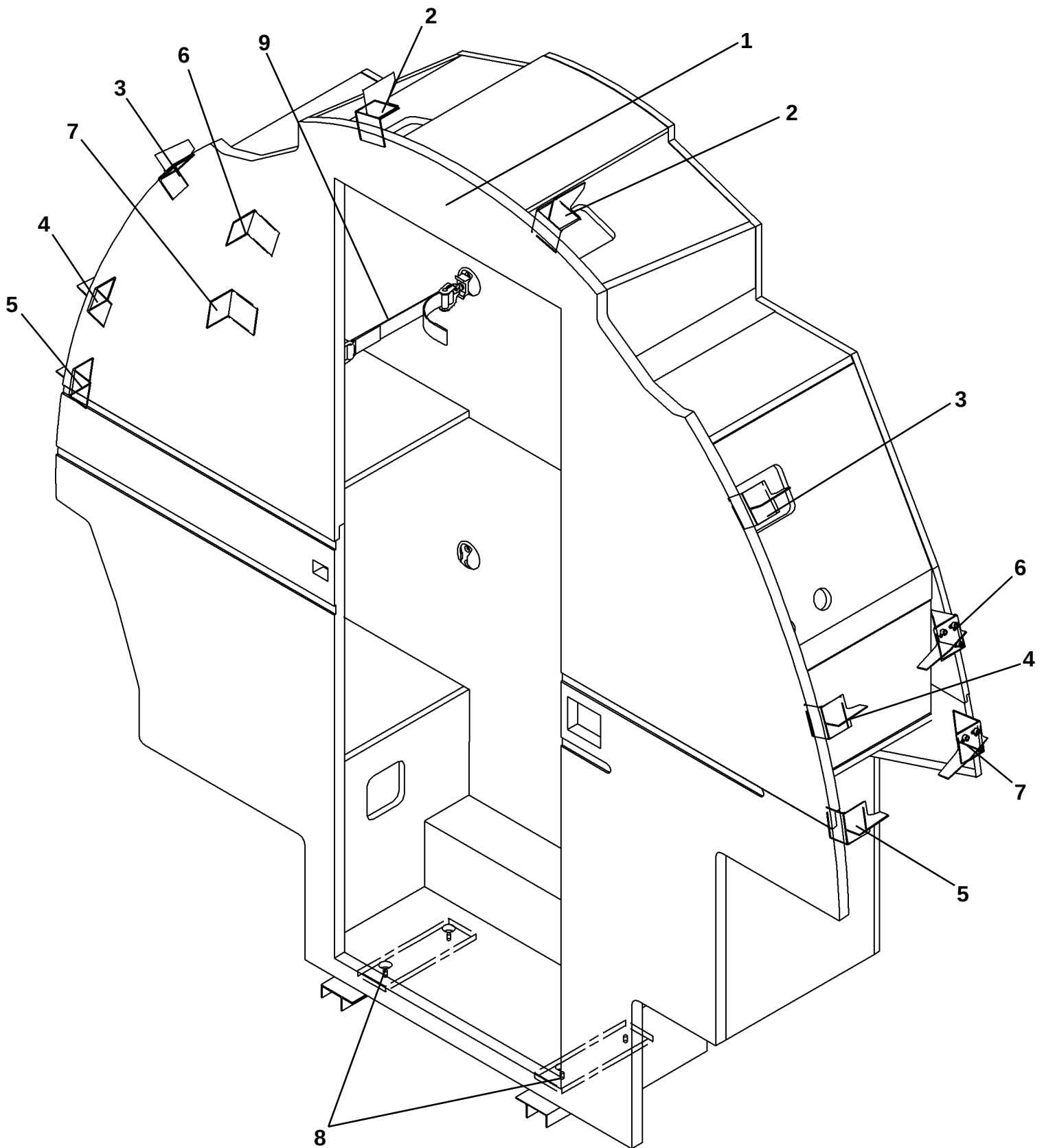


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No.	Part Number	Description	Vendor
-	4611413-2	AIRSHOW 400 INSTL (AFT CLOSET)	
1	4611413-4	AIRSHOW RETAINER	
-	MS27039-0806	SCREW	
2	920092	AIRSHOW NETWORK, FLANGE MOUNT	70093
-	MS27039-0807	SCREW	
-	4616024-4	AIRSHOW PLACARD ASSY	

NOTE: Parts not available as complete installations

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No.	Part Number	Description	Vendor
-	4611292-3	BULKHEAD CLOSET INSTL	
1	4616012-2	WATER BARRIER PLACARD	
-	4616014-1	LIFE RAFT PLACARD	
2	4611114-3	TEE	
-	4611114-5	CLIP	
-	MS27039-1-06	SCREW	
-	NAS1149F0332P	WASHER	
3	4611114-4	TEE	
-	4611114-2	CLIP	
-	AN3-4A	BOLT	
-	NAS1149F0332P	WASHER	
4	4611114-4	TEE	
-	4611114-2	CLIP	
-	AN3-4A	BOLT	
-	NAS1149F0332P	WASHER	
5	4611114-4	TEE	
-	4611114-2	CLIP	
-	AN3-4A	BOLT	
-	NAS1149F0332P	WASHER	
6	4611114-7	TEE	
-	4611114-6	CLIP	
-	MS27039-1-05	SCREW	
-	NAS1149F0332P	WASHER	
-	MS27039-0808	SCREW (3 ea)	
-	NAS1149FN832P	WASHER (3 ea)	
7	4611114-7	TEE	
-	4611114-6	CLIP	
-	AN3-3A	BOLT	
-	NAS1149F0332P	WASHER	
-	MS27039-0808	SCREW (3 ea)	
-	NAS1149FN832P	WASHER (3 ea)	
8	AN3-6A	BOLT (6 ea)	
-	NAS1149F0332P	WASHER	
-	4611119-3	NUTPLATE ASSY	
9	4611114-8	STRAP ASSY (3 ea)	

NOTE: Parts not available as complete installations

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WATER BARRIER - MAINTENANCE

1 General

- A.** This section covers the Water Barrier and its use. The water barrier is a short divider that is installed across the entrance door that is utilized to prolong float time if ditching becomes necessary. It is stowed in the aft bulkhead closet. Instructions for the use of the water barrier are provided on a placard.

2 Water Barrier Removal / Installation

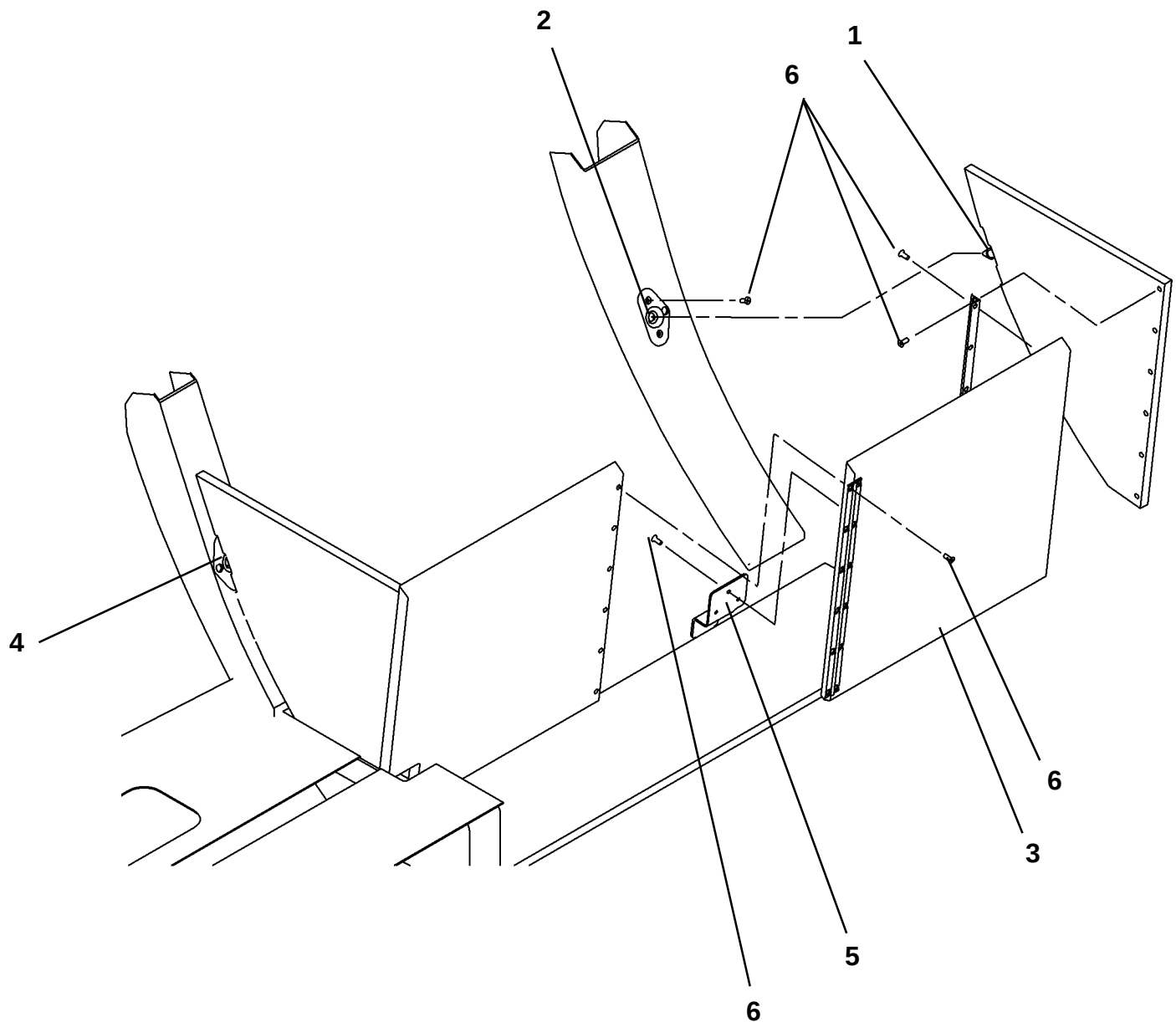
A. Install Water Barrier

- (1) Remove water barrier from aft bulkhead closet and unfold wings.
- (2) Insert clips in slots at bottom of entrance door opening.
- (3) Insert studs into receptacles located on door frame.

B. Remove Water Barrier

- (1) Squeeze ears on receptacles to release tension on studs to allow removal of water barrier from door frame.
- (2) Fold wings in on water barrier and install in water barrier storage area of the aft bulkhead closet.

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No.	Part Number	Description	Vendor
-	6719064-1	WATER BARRIER INSTL	
1	- - -	ALIGNMENT PIN	
2	6211274-2	WEDJIT	
-	CM3738-6	SCREW	
3	9914580-11	WATER BARRIER ASSY	
-	6211274-3	COVER	
4	6211274-2	WEDJIT	
-	CM3738-6	SCREW	
5	- - -	CLIP	
6	CM3738-6	SCREW	

NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
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INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

TOILET INSTALLATION - MAINTENANCE

1 General

- A. The toilet is located in the extreme aft area of the passenger compartment, across from the aft vanity. A copy of the Vendor Toilet Manual is provided in the back of this manual.
- (1) Prior to toilet assembly installation and removal, it must be externally serviced and empty of all fluids. Refer to Production 750 Maintenance Manual.

2 Removal/Installation

A. Remove Toilet Assembly

- (1) Disengage toilet assembly circuit breakers. There are (2) in the aft bulkhead closet and (1) in the aft vanity.
- (2) Remove wraparound back cushion and horseshoe cushion.
- (3) Lift toilet lid and remove screws in shroud.
- (4) Remove fascia by removing screws.
- (5) Disconnect electrical plug at signal transmitter.
- (6) Disconnect plug at flush motor.
- (7) Loosen hose clamp from water inlet hose and remove hose.
- (8) Loosen hose clamp from bottom of vent and remove line.
- (9) Disconnect flush cable at cable block.
- (10) Loosen (1) each nut on (3) tie down rods.
- (11) Remove toilet by lifting straight up.

B. Install Toilet Assembly

- (1) Inspect o-rings on toilet drain collar for nicks, cuts, or deterioration. If damaged, replace as follows:
 - (A) Remove o-rings and thoroughly clean drain collar.
 - (B) Pack o-ring grooves in drain collar with silicon grease and replace with AN62278 o-rings.
- (2) Remove toilet drain line plug and plate.
- (3) Place toilet assembly on shear pins, insuring that o-rings on toilet assembly drain collar seat into toilet drain line.
- (4) Secure toilet assembly to shear pins with (1) each nut on (3) tie down rods.
- (5) Connect flush cable at cable block.
- (6) Connect vent line/clamp to toilet assembly vent and tighten clamp.
- (7) Connect water inlet hose/clamp to water inlet and tighten clamp.
- (8) Connect electrical plug at flush motor.
- (9) Connect electrical plug at signal transmitter.
- (10) Engage toilet circuit breakers, (2) in the aft bulkhead closet and (1) in the aft vanity.
 - (A) Connect ground service unit to service panel and charge system with clean water.
 - (B) Engage battery switch and activate flush switch a minimum of (3) flush cycles. Each flush cycle should last approximately (8) seconds.
 - (C) Check for water leaks around water inlet line and drain collar.
 - (D) Remove access panels 313DB, 313CB, and 313AL. Check for leaks around toilet tank seal and drain line. Also check drain line clamps for leaks.
 - (E) Replace access panels 313DB, 313CB, 313AL.
 - (F) Service the toilet. Refer to Production Maintenance Manual chapter 12.
 - (G) Disengage battery switch.
- (11) Attach fascia panel to brackets with screws.
- (12) Install shroud, toilet ring/lid, and secure with screws.

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INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

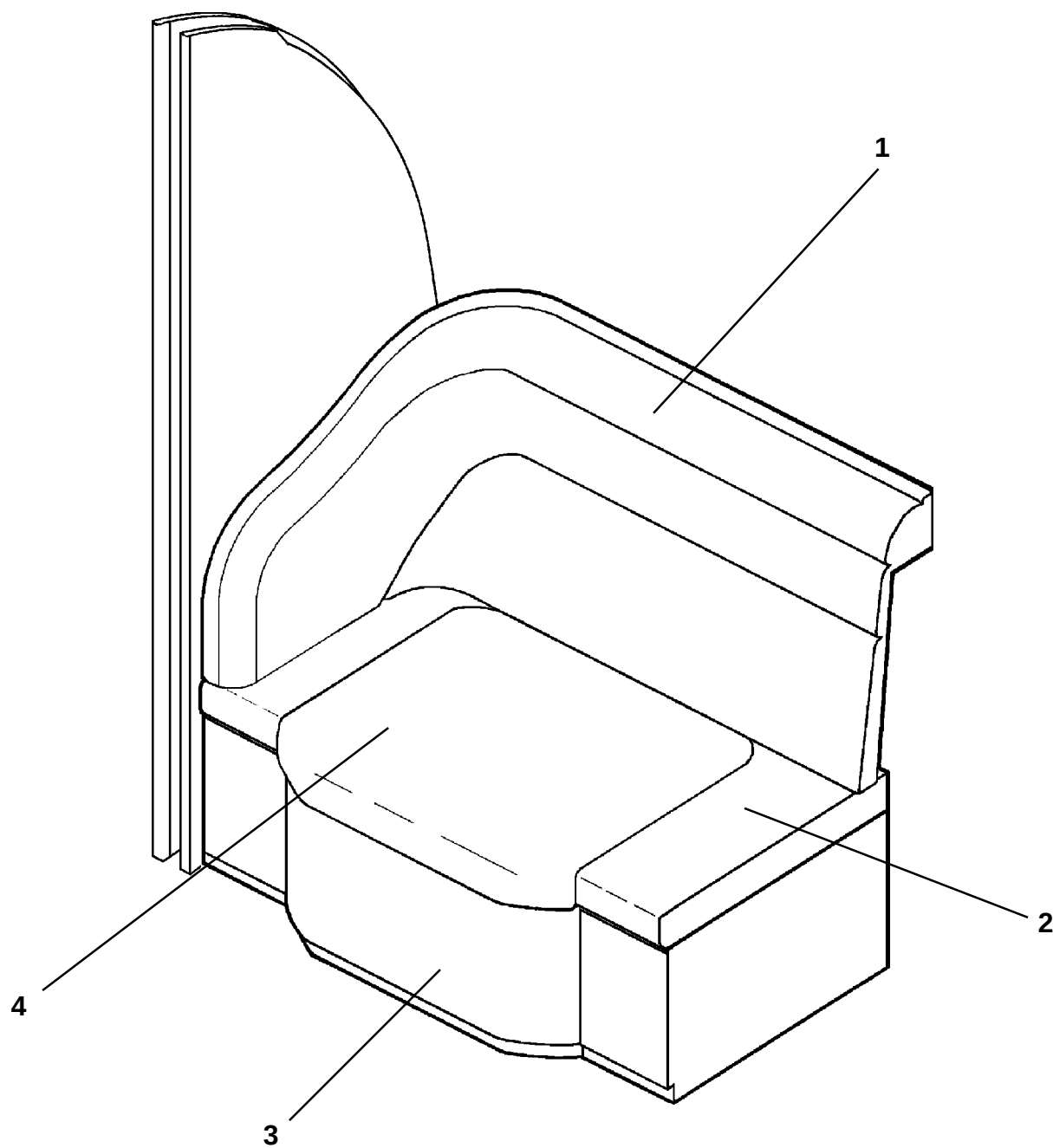
TOILET INSTALLATION - MAINTENANCE

3 Operations and inspections

A. Inspect Toilet Assembly

- (1) Flush Cable Adjustment and Tension Test
 - (A) Adjust flush cable travel at cable block. Pull handle should extend 4.50 inches.
 - (B) Check handle pull. It should be 50 pounds, +10 or -15 pounds.
- (2) Check Operation of Toilet
 - (A) Engage battery switch and activate flush switch a minimum of (3) flush cycles. Each flush cycle should last approximately (8) seconds.
 - (B) Disengage battery switch.
- (3) Indicator Level Light and Automatic Water Shut Off Test
 - (A) Turn inlet water on and fill tank with (1.5) gallons.

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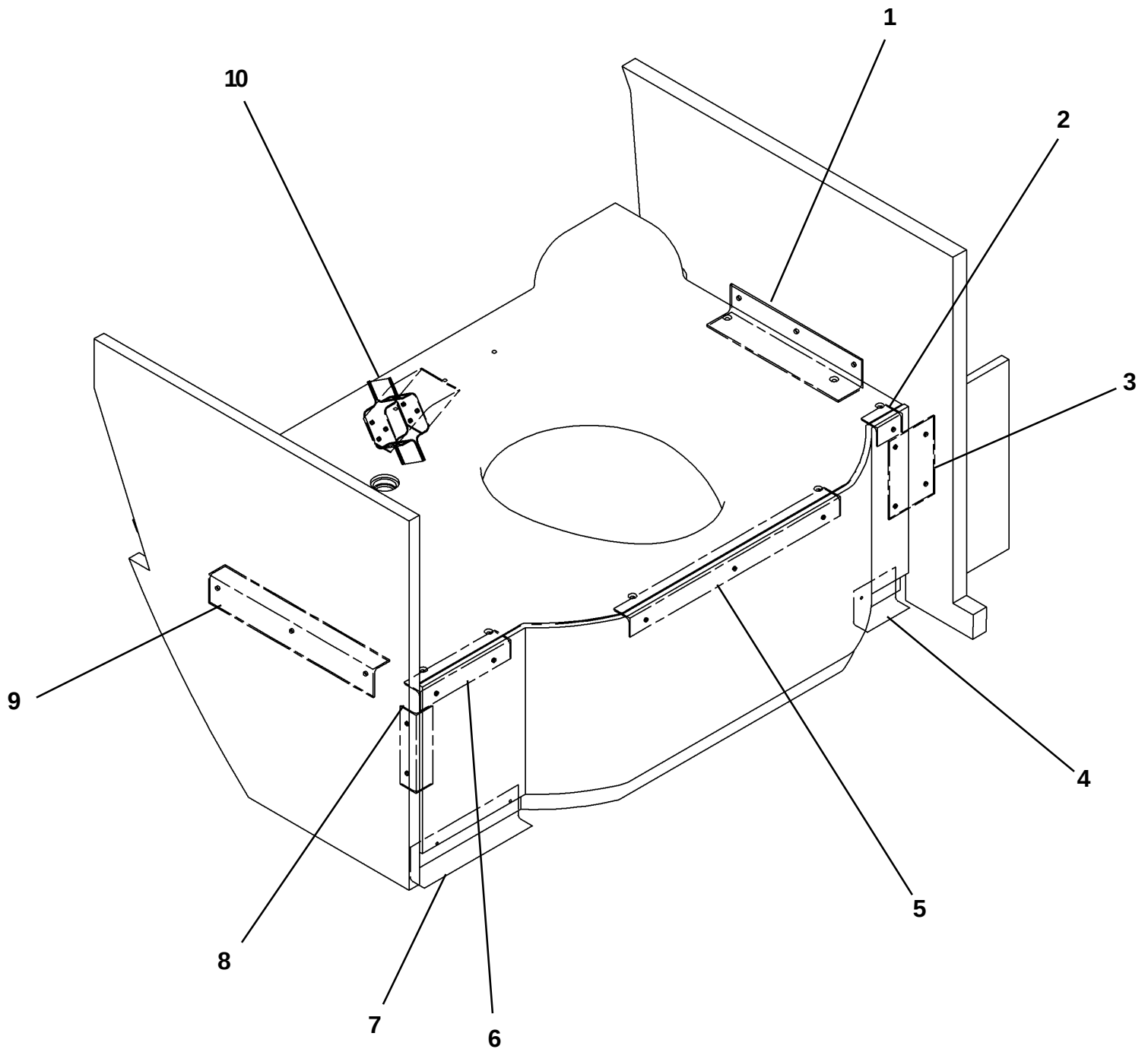


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No.	Part Number	Description	Vendor
1	4611388-1	UPHOLSTERY ASSY, BACK	
2	4611195-1	UPHOLSTERY ASSY, SEAT	
3	4611193-2	UPHOLSTERY INSTL, FASCIA	
-	4611191-1	UPHOLSTERY ASSY, FASCIA (LEATHER)	
4	4611082-3	UPHOLSTERY ASSY, LID	

NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
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INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

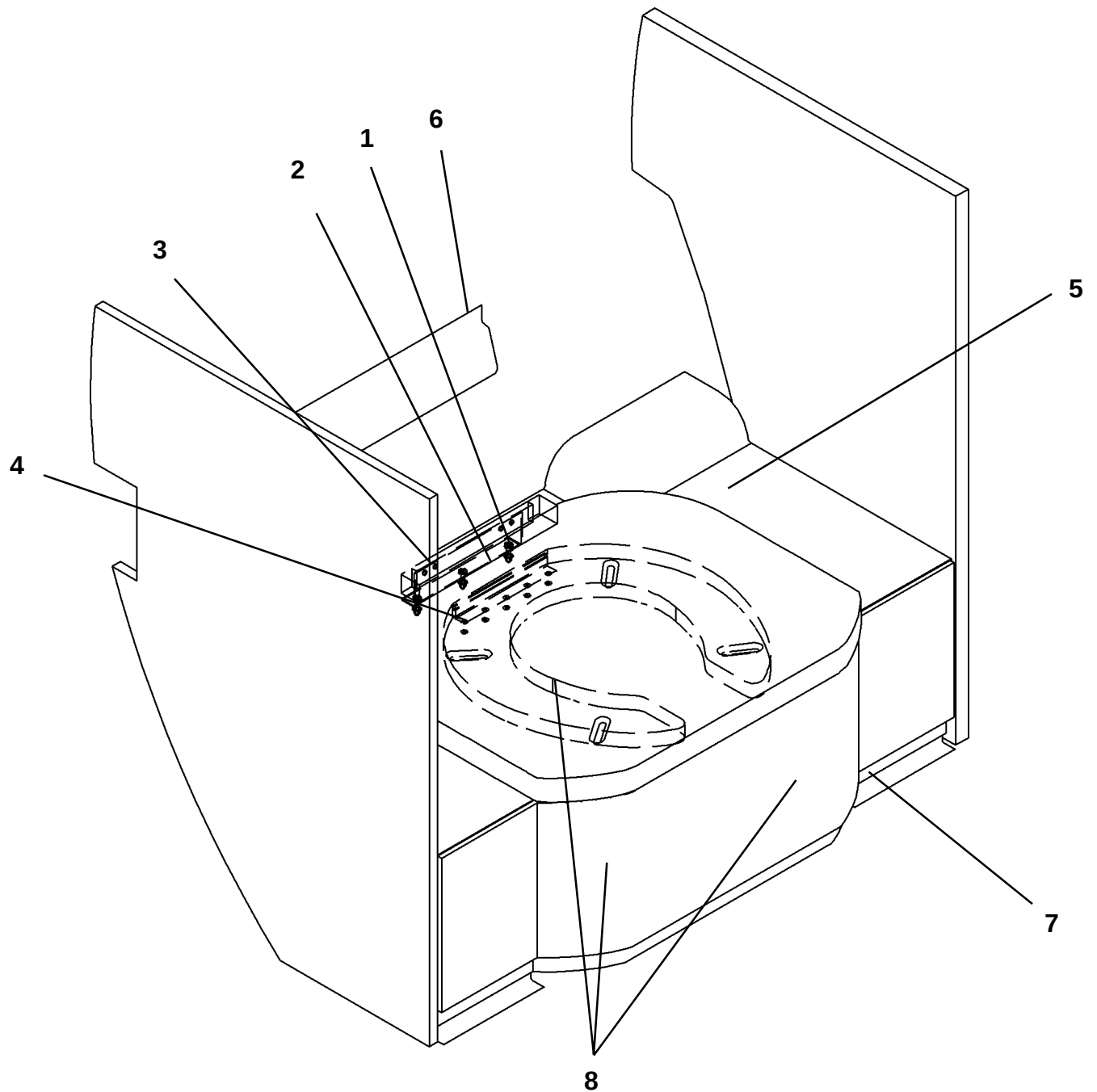


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 INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

No.	Part Number	Description	Vendor
-	4611193-9, -3	TOILET SEAT AND BRACKET INSTL	
1	4611193-6	ANGLE	
-	AN3-3	BOLT	
-	AN960-10L	WASHER	
2	4611193-4	ANGLE	
-	MS35206-259	SCREW	
-	AN960-10L	WASHER	
3	4611193-8	ANGLE	
-	MS35206-259	SCREW	
-	AN960-10L	WASHER	
4	4611193-5	ANGLE	
-	MS35206-212	SCREW	
-	AN960-4L	WASHER	
5	4611084-7	ANGLE	
-	MS35206-259	SCREW	
-	AN960-10L	WASHER	
6	4611084-6	ANGLE	
-	MS35206-259	SCREW	
-	AN960-10L	WASHER	
7	4611084-4	ANGLE	
-	MS35206-212	SCREW	
-	AN960-4L	WASHER	
8	4611084-11	ANGLE ASSY	
-	MS35206-259	SCREW	
-	AN960-10L	WASHER	
9	4611193-6	ANGLE	
-	MS35206-259	SCREW	
-	AN960-10L	WASHER	
10	4611084-14	BRACKET INSTL	
-	4611084-12	BRACKET ASSY	
-	4611084-13	CAP BRACKET	
-	MS35206-243	SCREW	
-	AN960-8	WASHER	

NOTE: Parts not available as complete installations

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No.	Part Number	Description	Vendor
-	4611194-4	TOILET INSTL	
1	MS27039-1-14	SCREW	
-	NAS1149FO332P	WASHER	
-	MS21042-3	NUT	
2	4611312-2	BRACKET	
-	4611312-3	HINGE	
-	4611312-4	HINGE	
3	4611084-36	ANGLE ASSY	
-	MS24694S49	SCREW	
-	4611084-37	HINGE (2 ea)	
-	MS27039C1-06	SCREW	
4	MS35206-220	SCREW	
-	MS21083N04	NUT	
-	NAS1149FN432P	WASHER	
5	4699002-1	RH TOILET ASSY (See Toilet Vendor Manual)	
6	4611081-10	BRACKET	
7	4611026-2	SHEAR PIN INSTL	
-	4611026-3	SHEAR PIN (3 ea)	
-	AN3-3A	BOLT	
-	MS35338-43	LOCK WASHER	
-	AN960C10	WASHER	

NOTE: Parts not available as complete installations

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Subject	Forward	Maintenance	Parts
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Cargo Compartment

Baggage Compartment	25-50-01	25-50-02
Aft Baggage Compartment Coat Rod	25-50-03	25-50-04

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BAGGAGE COMPARTMENT - MAINTENANCE

1 General

- A. This section describes the upholstery in the aft baggage compartment. It also includes a description of the loose equipment in the baggage compartment.

2 Description

A. Upholstery

- (1) The floorboards, sides, and ceilings are covered with upholstery panels. The floor upholstery panels contain padding and have a fabric covering. They are held in place with Velcro tape and tie down anchor plates. The upholstery covering over the battery compartment door is held in place with Velcro tape. The ceiling upholstery panels contain a sheet of aluminum and have a fabric covering. They are held in place with screws. The side upholstery panels are held in place with Velcro tape.

B. Loose Equipment

- (1) The loose equipment in the baggage compartment consists of 2 strap assemblies (Part # 4611143-2), 8 strap assemblies (Part # 4611143-3), and an engine dust cover kit [Part # CITX-100 (inlet)].

3 Upholstery Removal / Installation

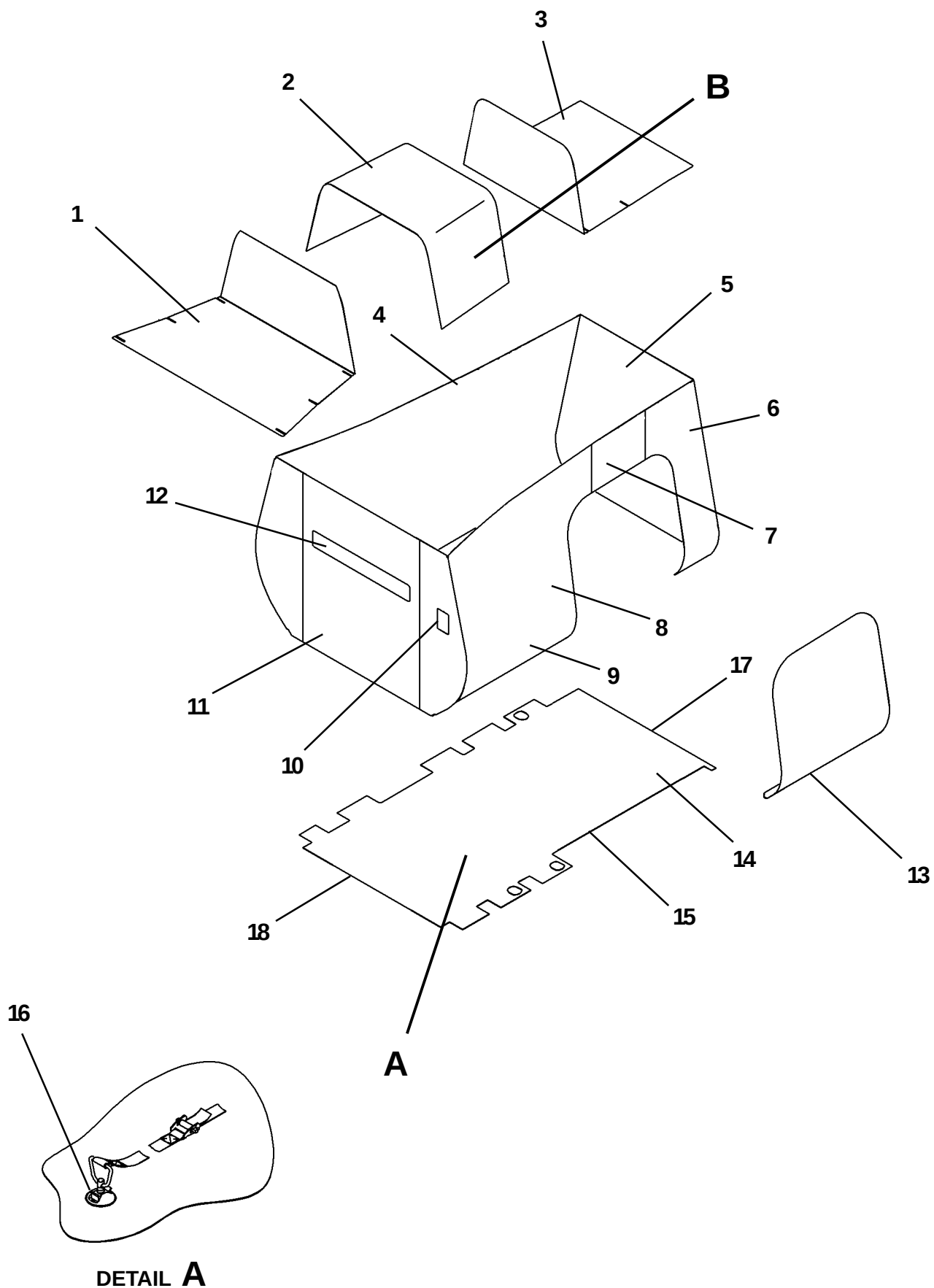
A. Remove Upholstery (Refer to section 25-50-02)

- (1) Remove screws securing threshold panel to structure.
- (2) Remove screws securing tie down anchor plates and remove plates.
- (3) Remove floor upholstery panels from floorboards, held on with Velcro tape.
- (4) Remove screws securing ceiling upholstery panels and remove upholstery panels.
- (5) Remove side upholstery panels, held on with Velcro tape.

B. Install Upholstery (Refer to section 25-50-02)

- (1) Position and secure side upholstery panels with Velcro tape.
- (2) Position and secure ceiling upholstery panels with screws.
- (3) Position and secure floor upholstery panels with Velcro tape.
- (4) Position and secure tie down anchor plates.
- (5) Position and secure threshold panel to structure with screws.

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No.	Part Number	Description	Vendor
-	4611057-21	CARPET INSTL	
-	6719046-1	DOOR COVER INSTL	
-	4611060-1	RESTRAINT SYSTEM INSTL	
1	4611057-22	CARPET ASSY-FWD CEILING	
2	4611057-9	CARPET ASSY-CTR CEILING	
3	4611057-23	CARPET ASSY-AFT CEILING	
4	4611057-11	CARPET ASSY-RH WALL	
5	4611057-6	CARPET ASSY-AFT WALL	
6	4611057-16	CARPET ASSY-LH WALL	
7	4611057-15	CARPET ASSY-LH WALL	
8	4611057-14	CARPET ASSY-SWITCH COVER (not shown)	
9	4611057-10	CARPET ASSY-LH WALL	
10	4611057-5	CARPET ASSY-SWITCH DOOR	
11	4611057-3	CARPET ASSY-FWD WALL	
12	4611057-4	CARPET ASSY-CB DOOR	
13	6719045-2	BAG DOOR COVER ASSY (upper)	
-	6719045-8	BAG DOOR COVER ASSY (lower)	
-	MS35206-247	SCREW (18 ea)	
14	4616013-1	BAGGAGE COMPARTMENT WIEGHT PLACARD	
15	4611057-18	CARPET ASSY-FLOOR	
16	20050-52	ANCHOR PLATE (20 ea)	95957
-	MS24694C53	SCREW (40 ea)	
17	4611057-19	CARPET ASSY-AFT ACCESS DOOR	
18	4611057-20	CARPET ASSY-FWD ACCESS DOOR	

NOTE: Parts not available as complete installations

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AFT BAGGAGE COMPARTMENT COAT ROD - MAINTENANCE

1 General

A. This section covers the coat rod located in the aft baggage compartment.

2 Aft Baggage Compartment Coat Rod Removal / Installation

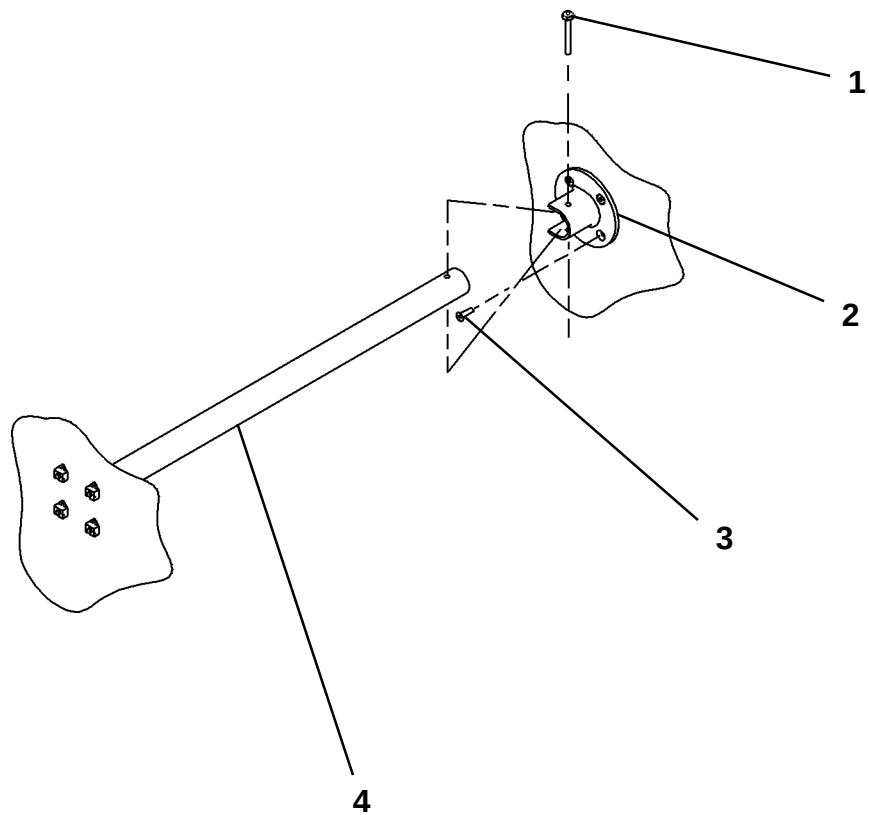
A. Remove Coat Rod

- (1) Remove the retaining pin located at each end of the coat rod, and remove the rod.
- (2) Remove the anchor plates secured by 4 screws.

B. Install Coat Rod

- (1) Align anchor plates and secure each with 4 screws.
- (2) Insert coat rod into channel in anchor plates.
- (3) With holes in anchor plates aligned with holes through coat rod, secure coat rod with two retaining pins.

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DETAIL B

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No.	Part Number	Description	Vendor
-	4611276-1	COAT ROD INSTL	
1	MS17984C313	PIN	
2	4611023-2	ANCHOR	
3	MS24694C51	SCREW	
-	MS21075-3N	NUTPLATE	
4	4611023-3	ROD	

NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
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Subject	Forward	Maintenance	Parts
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Emergency

PSU Exit Signs	25-60-01	25-60-02
Chime Installation		25-60-04
Emergency Lighting Installation		25-60-06

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PSU EXIT SIGNS - MAINTENANCE

1 General

- A.** This section covers the PSU Exit Signs in the passenger compartment. There is one sign located in the PSU on each side of the cabin.

2 PSU Exit Sign Removal / Installation

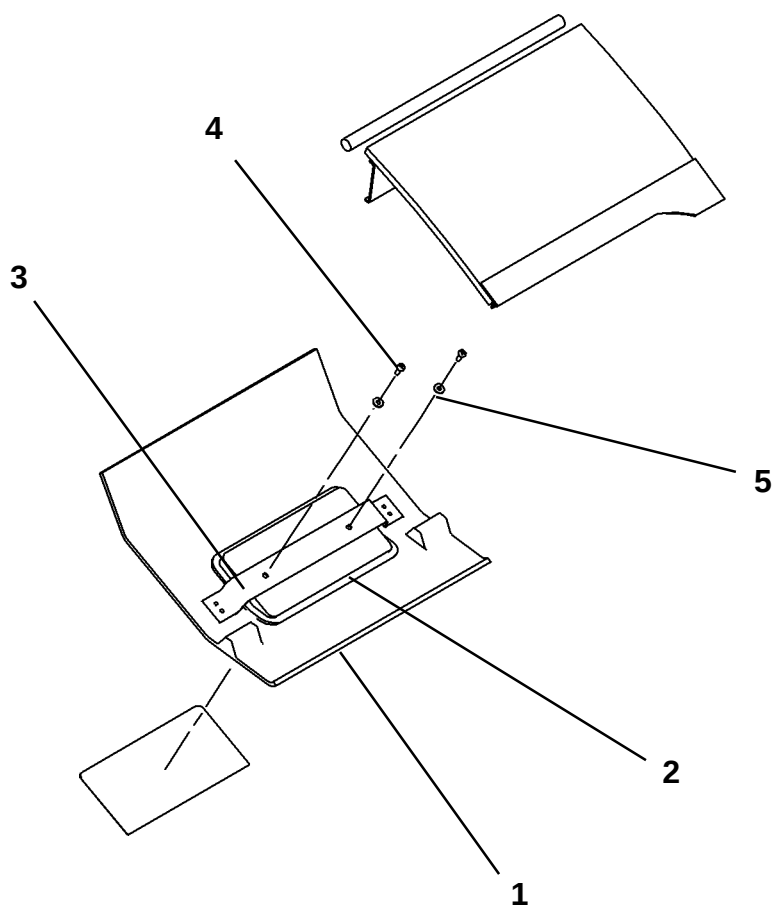
A. Remove PSU Exit Sign

- (1) Remove the PSU (Refer to section 25-20-23)
- (2) Disconnect and tag electrical wires from exit sign.
- (3) Remove screws that secure sign to bracket.
- (4) Gently pull sign loose from PSU facia assembly.

B. Install PSU Exit Sign

- (1) Align exit sign with location in the PSU facia assembly.
- (2) Secure sign to bracket in PSU with screws.
- (3) Locate and connect electrical wiring to exit sign.
- (4) Install the PSU (Refer to section 25-20-23)

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No.	Part Number	Description	Vendor
-	4699072-1	PSU FASCIA EXIT SIGN	
1	- - -	LH PSU FASCIA ASSY	
-	- - -	RH PSU FASCIA ASSY	
2	4699072-1	LH EXIT SIGN	
-	4699072-1	RH EXIT SIGN	
3	4611039-4	BRACKET	
4	MS35206-228	SCREW	
5	AN960-6	WASHER	

NOTE: Parts not available as complete installations

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No.	Part Number	Description	Vendor
	- - -	CHIME INSTL	

NOTE: This information can be found in the electrical chapter, section 25-95-04.

NOTE: Parts not available as complete installations

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No.	Part Number	Description	Vendor
	- - -	EMERGENCY LIGHTING INSTL	

NOTE: This information can be found in the electrical chapter, section 25-93-16.

NOTE: Parts not available as complete installations

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Subject	Forward	Maintenance	Parts
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Electrical

Interior Cabinetry Wire Routing, Clamping	25-90-00		
Electrical Wire Routing Instl		25-90-03	
Interior J-box Mod		25-91-02	
Interior J-box		25-91-04	
Entertainment Pwr/Gnd		25-91-06	
RH PA Speaker		25-92-02	
LH PA Speaker		25-92-04	
RH Cabin PSU Lighting		25-92-06	
LH Cabin PSU Lighting		25-92-08	
Lavatory Overhead Lighting		25-92-10	
External Service Toilet		25-93-02	
Overboard Drain Heater		25-93-04	
Wemac Boost Fan		25-93-06	
FM Antenna Shipside		25-93-08	
PA Chime		25-93-10	
LH Shipside Switch Interface		25-93-12	
RH Shipside Switch Interface		25-93-14	
Emergency Lighting / Cabin Entry		25-93-16	
Master Control Panel Interface		25-93-18	
Lavatory Overhead Shipside		25-93-20	
Furniture Power / Ground		25-93-22	
Entertainment Sys Speaker Shipside		25-93-24	
LCD TV Shipside Interface		25-94-02	
Cockpit LCD TV SS Interface		25-94-04	
A/V Switch Panels to LH AFT Closet		25-94-06	
Cabin AC Outlets		25-94-08	
LH FWD to AFT Closet A/V Shipside		25-94-10	
Flashlight Charger Shipside		25-94-12	
Escape Hatch & No Smoking/Fasten Seat Belt Sign Jumper		25-94-14	
Shade & No Smoking/Fasten Seat Belt Sign Shipside Jumper		25-94-16	
Entertainment System Speaker Shipside		25-94-18	
Emergency Lighting (JAA) Shipside Mod		25-94-20	
Emergency Lighting (JAA) PSU Wiring Mod		25-94-22	
Bulkhead Closet Inverter Power/Ground		25-94-24	
Backsplash to Master Jumper		25-94-26	
Airshow Briefer Shipside		25-94-28	
Airshow Network Shipside		25-94-30	
Magnastar Phone W/Fax Shipside		25-94-32	
Smart Screen Cabin Management System Shipside		25-94-34	
Vanity Cabinet Modification		25-94-36	
FWD Monitor Video Shipside		25-94-38	
Interior J-box Installation		25-95-02	
Chime Box Installation		25-95-04	
Forward Crossover Instl		25-95-06	
Electrical Ground Instl		25-95-08	
Ground Stud Instl		25-95-08	
Interior System Control Relay Instl		25-95-08	
Forward Crossover Instl		25-95-08	
LH FWD Entertainment Cabinet		25-96-02	

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Subject	Forward	Maintenance	Parts
Aft Closet A/V Cabinet			25-96-04
Genesys Cockpit Overhead			25-96-06
Cabin Door Threshold Light Assy			25-97-02
Aisle Light Assy (LH AFT, RH FWD)			25-97-04
Aisle Light Assy (LH FWD)			25-97-06
Aisle Light Assy (RH AFT)			25-97-08
Toilet Relay Assy			25-97-10
Flush Switch			25-97-12
Exit Sign (Vertical)			25-97-14
Exit Sign (Horizontal)			25-97-16
No Smoking Fasten Seat Belt Sign			25-97-18
FM Antenna Assy			25-97-20
Electric Shade Power Connector Assy			25-97-22
Aft Bulkhead Closet			25-98-02
Bulkhead Closet AC Inverter			25-98-04
AFT Divider Light Wire Diagram			25-98-06
Vanity Cabinet			25-98-08
Fwd Galley W/Microwave & Hot Tanks			25-98-10
LH FWD Closet			25-98-12
Flashlight Power Charger			25-98-14
Fan Modification (Forward Closet)			25-99-02
Fan Mod (Aft Closet)			25-99-04
Flashlight Charger Modification			25-99-06

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INTERIOR CABINETRY WIRE ROUTING AND CLAMPING MAINTENANCE

1. GENERAL

- A. The following procedures are provided to ensure that the cabinetry wire routing, clamping and wire connection are accomplished properly.

WARNING: DO NOT manually adjust switches or Control Units. They are preset at the factory and require NO adjustments.

CAUTION: WHILE REINSTALLING CABINETRY, IT IS IMPORTANT THAT GOOD STANDARD PRACTICES AND WORKMANSHIP BE UTILIZED. WHILE THESE PROCEDURES CONTAIN BOTH SPECIFIC AND GENERAL INSTRUCTIONS, THEY MUST BE APPLIED USING STANDARD PRACTICE TECHNIQUES FOR AIRPLANE WIRING TO ENSURE A PROPER ELECTRICAL INSTALLATION IN EACH CABINET. REFER TO THE WIRING DIAGRAM MANUAL, CHAPTER 20, STANDARD PRACTICES.

CAUTION: CABINETRY MAY BE CONSTRUCTED OF A COMPOSITE MATERIAL, SUCH AS GRAPHITE. GRAPHITE IS AN ELECTRICALLY CONDUCTIVE MATERIAL AND MUST BE TREATED AS SUCH. GRAPHITE PANELS, WHEN SHORTED TO A POWER SOURCE, WILL DRAW ELECTRICAL CURRENT AND ACT LIKE A HEATING ELEMENT. ALL WIRING AND COMPONENTS AS DEFINED HEREIN MUST BE INSULATED FROM THE GRAPHITE PANELS. FASTENERS USED FOR INSTALLATION OF COMPONENTS (DEFINED HEREIN) ON GRAPHITE MATERIAL, SHALL BE ISOLATED AS SPECIFICALLY DEFINED. THE METHOD DESCRIBED WILL PREVENT CONDUCTING ELECTRICITY THROUGH THE FASTENER IN CASE OF A SHORT CIRCUIT.

NOTE: During the installation procedures, Identify the type of panels within the cabinetry if any, to determine the proper action. Refer to Electrical Safety Precaution, Step E.

NOTE: Where defined, self tapping screws are utilized in wood blocks and panels. During installation, utilize a smaller diameter hole than the threads to provide proper gripping action of the threads. Screws must not penetrate the far panel. This will present a sharp point which can damage other components and wiring. When drilling holes in cabinet panels, always use a drill stop set to prevent penetration through the far side of the panel.

NOTE: Star Chemical Company, Inc., Epoxy A and B which is a fast pot life epoxy, can be utilized as a substitute for EA9309.3NA adhesive throughout this procedure except for the installation of threaded inserts.

2. ELECTRICAL SAFETY PRECAUTION

CAUTION: REFRESHMENT CENTERS AND CABINETS INCORPORATING ELECTRICAL COMPONENTS MUST HAVE THE ELECTRICAL WIRE BUNDLE(S) PROPERLY ROUTED AND SECURED. REFER TO INTERIOR CABINETRY WIRING AND ELECTRICAL COMPONENTS - MAINTENANCE PRACTICES.

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INTERIOR CABINETRY WIRE ROUTING AND CLAMPING MAINTENANCE

- A. Verify the appropriate circuit breaker is disengaged before performing maintenance on any electrical components or wiring.
- B. Secure and protect electrical wires to prevent fraying and contact with moving parts such as drawers and hardware.
- C. Ensure clearance between electrical wiring and heat generating components such as resistors. EXAMPLE: If the clearance between the resistor and its mounting surface is 1.00 inch, then the clearance between a wire bundle and the resistor must also be 1.00 inch.
- D. Ensure electrical wiring is not crushed or pinched between the cabinetry and the airplane structure during installation of the cabinetry.
- E. Cabinetry constructed of some composite materials may contain material such as graphite which will conduct electricity in the same manner as metal. Ensure electrical wiring insulation is not frayed. Replace or repair bare wires. Properly route wire bundles using grommets, clamps and tie-straps.

3. WIRE BUNDLES

- A. Wire Bundle Routing.
 - (1) Routing wire bundles in cabinets must conform to the following criteria:
 - (a) Wire bundles must be properly secured and clamped to prevent bundles from sagging onto sharp metallic edges or rubbing on structure.
 - (b) Secure wire bundles clear of all moving objects and mechanisms such as drawers, drawer tracks, sliding doors, etc.
 - (c) Do not route wire bundles closer than three (3) inches to heat producing components, such as resistors and power supplies (except where the wires connect to the component).
 - (d) Avoid routing wire bundles behind nutplate where an excessively long screw, if installed, would damage the wire bundle.
 - (e) Wire bundles must not rest upon any electrically conductive material without additional protection such as grommets or phenolic as defined herein.
 - (f) Do not secure wire bundles to other electrical components except at terminal ends.
 - (g) Bend radius of wire bundles must not be smaller than 10 times the diameter of the bundle.
 - (h) Wire bundles connecting from the cabinet wiring to the airplane electrical system are to be as short as possible, allowing connection during installation of the cabinet. Excess length must be properly stowed and clamped. During installation of the cabinet, it must be determined that wire bundles are not crushed or pinched between the cabinet and the airplane structure. If it cannot be assured that the wire bundle is properly secured, then protect the wire bundle with Varglas tubing.
 - (i) Wire bundles must be routed in such a manner to prevent tension and stress on terminal ends. The wire bundles must be supported and secured to alleviate any (built-in) tension or stress.
 - (j) Avoid wire routing around sharp edges at all times. If wire bundle must be routed around a sharp edge, round the edge of the panel to a radius to allow proper installation of the (0.015 inch) thick phenolic sheet. Routing around rounded corners of the cabinet(s) shall have a phenolic sheet installed on the corner to protect the wire bundle.
 - (k) Routing through a panel shall utilize tubing MS3420-4 or MS3420-6. The tubing must extend 0.50 inch past the panel. Seal tubing to panel with EC1300L Adhesive.

NOTE: Tubing Part Number MS3420-4 has an outside diameter of 0.302 inch and tubing Part Number MS3420-6 has an outside diameter of 0.427 inch.

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INTERIOR CABINETRY WIRE ROUTING AND CLAMPING MAINTENANCE

- 1 If panel hole is too small to accommodate the tubing, disconnect electrical wire at an existing splice or at a component termination, if possible. New splices may be added if necessary. Remove wire from hole. Enlarge hole to accept tubing. Route wire through the tubing and reconnect wire.
- 2 Wire bundles that route inside the core of a panel are not common. If existing, they must be protected. If wire bundles route inside the core of panels, they must be disconnected at one end and heat shrink tubing applied over the entire portion routed within the panel. The wire bundle is then reinstalled. Use a grommet (S1050-) on Wire routed over metal edge to protect wires. Wires pressing hard against an edge must have the edge rounded or reduce edge to remove pressure on the wires. Rerouting the wires to reduce pressure is preferred. U-shaped cabinet upper attaching brackets must have the flange trimmed (remove 0.25 inch material) in the areas where switch panel wire bundles press hard against the brackets and rerouting is impossible. Trim 1.00 inch from the bracket, extend 0.50 inch beyond wire interference area on either side and radius trimmed area 0.125 at each end. Deburr all trimmed edges and install S1050-1 grommet. Wire Wound Resistors - These resistors are usually utilized in the fluorescent light circuits and are cylindrically shaped and approximately 0.50 inch diameter by 2.00 inches long. Mounts support the resistor away from the panel to which they are attached. Ensure that these types of resistors are positioned so the resistor (cylindrical portion) is no closer to any adjacent panel than the panel on which it is mounted. Relocate resistors, to achieve the proper clearance. **EXAMPLE:** If the clearance between the resistor and its mounting surface is 1.00 inch, then the clearance between any adjacent panel and the resistor must also be 1.00 inch.

- (2) Modify wire bundle routing if the above listed requirements are not met. Lengthen or shorten wire bundles as required. Refer to Wire Bundle Clamping for information regarding clamping.

B. Wire Bundle Clamping.

- (1) Wire bundles are to be secured to structure at least every twelve (12) inches with clamps or cable tie supports and Sta-straps. Wire bundle runs shorter than 12 inches will require clamps to be closer together. In areas where the unsupported portion of the wire bundle can move considerably, such as around bends or corners, additional clamps must be used. There are two methods to secure wire bundles to the cabinet panels, depending upon the type of panel.
 - (a) Composite Panels - A hole is drilled through one side of the panel into the core area. The core may be enlarged to allow proper gripping of the cable tie support. If the existing hole is too large, drill another hole adjacent to the original hole. A cable tie support is pressed into the hole. Then the wire bundle is secured to the cable tie support using a Sta-strap. If removal of the cable tie support is required, the exposed portion must be cut off while the pointed end remains in the panel core. An attempt to pull the cable tie support from the panel will result in damage to the panel. Cable tie supports used in wood or solid panels will not fasten properly.
 - (b) Plywood Panels - A pilot hole is drilled for a self-tapping screw. A nylon clamp is used with the screw to secure the wire bundle to the cabinet.

NOTE: Do not drill pilot hole completely through plywood panel. Self tapping screws must not be installed completely through the panel.

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INTERIOR CABINETRY WIRE ROUTING AND CLAMPING MAINTENANCE

- (2) Wire bundles are secured together with Sta-straps every four (4) to six (6) inches. In areas where the wire bundle flexes or transitions around corners, additional Sta-straps may be required to prevent separating.
- (3) Existing wire bundles may already be secured in the cabinet with hot glue. This is permissible, providing the hot glue application has not become loosened from the panel structure. (No additional hot glue is to be used to secure wires.) If the hot glue application to the wire bundle and panel is defective, clamp the wire bundle to the panel structure per steps (1), (a) and (b) as applicable.
- (4) Modify bundle clamping to meet all the above listed requirements. Install additional clamps as required. Replace clamps which do not conform to the listed requirements. Install Sta-straps as required.

4. CIRCUIT BREAKERS AND MICRO SWITCHES

- A. Terminals must be covered with a heat shrink tubing to protect the exposed terminal and screw head. Tee shaped terminals must have both ends covered with heat shrink tubing even if only one end is utilized. Unused microswitch terminals must have heat shrink tubing applied to cover the terminal and must be securely attached. If any bare terminal portion is still exposed after covering the terminal with heat shrink tubing, apply RTV 162 or RTV 738 to cover the exposed portion.

5. SOLDER CONNECTIONS

- A. The exposed bare wire and solder terminal must be covered with heat shrink tubing. If after covering the terminal with heat shrink tubing, any bare terminal portion is still exposed, apply RTV 162 or RTV 738 to cover the exposed portion.
 - (1) Incandescent Light Assemblies - Solder connections and terminal arrangement must be as shown using heat shrink tubing. Apply RTV 162 or RTV 738 to the center conductor of the light assembly as shown. Ensure each light assembly is secured with a screw and washer as shown.

6. MAPCO CONNECTORS

- A. Wire terminals must be separated in a manner to prevent a short circuit. Screws must be tightened. Since the pins and terminals are free to rotate, the wires must be clamped to provide separation. For connectors with terminals recessed into a panel, the wire terminals may be bent away from the connector to provide proper clearance for the wires. Coat connector terminals to a depth of 0.30 inch with RTV 738 or RTV 162 Adhesive Sealant and allow to cure.

NOTE: This connector wiring installation is typical and applies to two and three-pin connectors used in Mapco, Prepco, oven and hot liquid container (except hot cup connectors) installations.

7. HEATED FLUID TANK

- A. The heated fluid tank compartment (if existing) must be insulated at the portion that may contact the heated tank. In addition, the connector for the heated fluid tank that mounts to the cabinet must be insulated from the graphite composite panels or metallic panels.

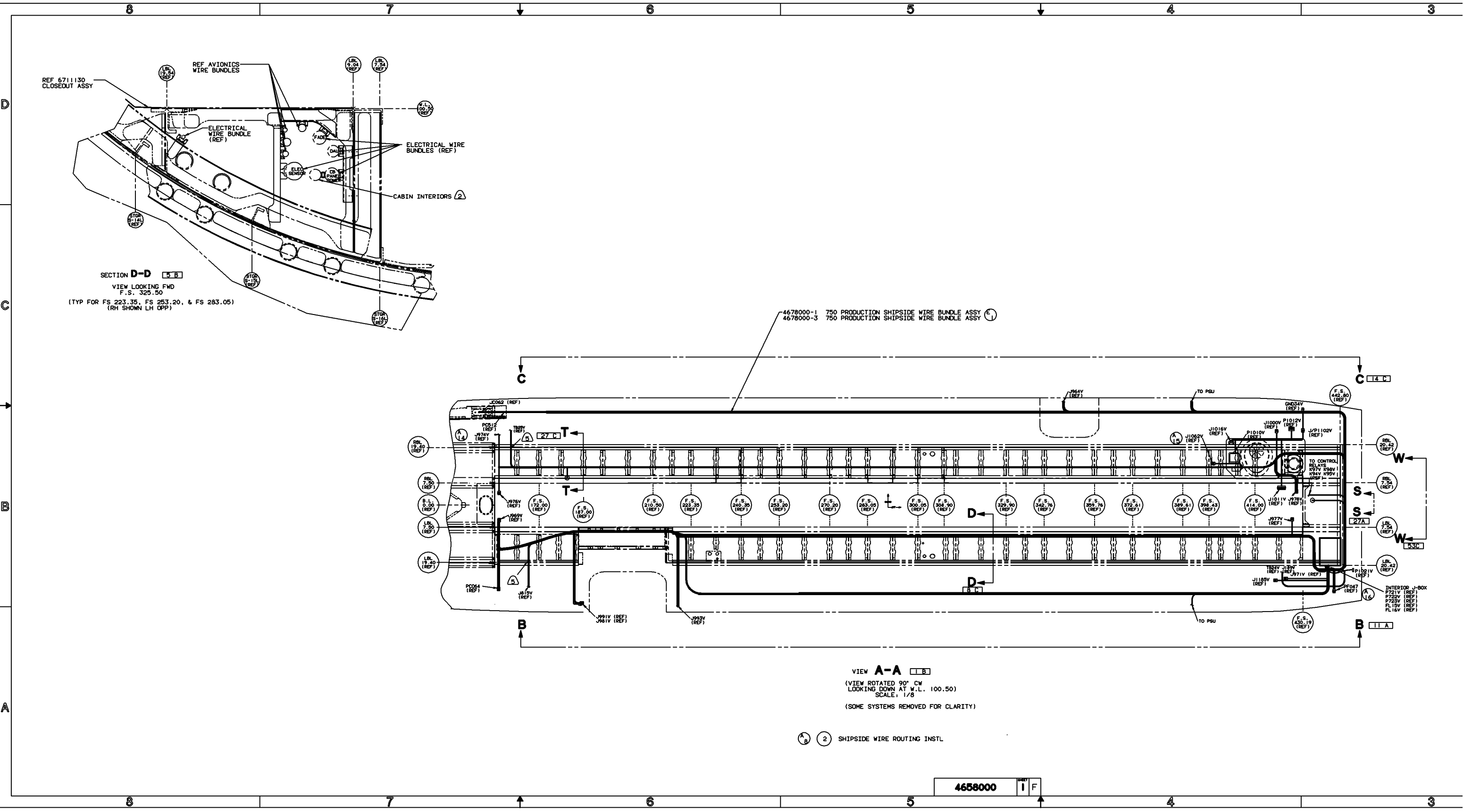
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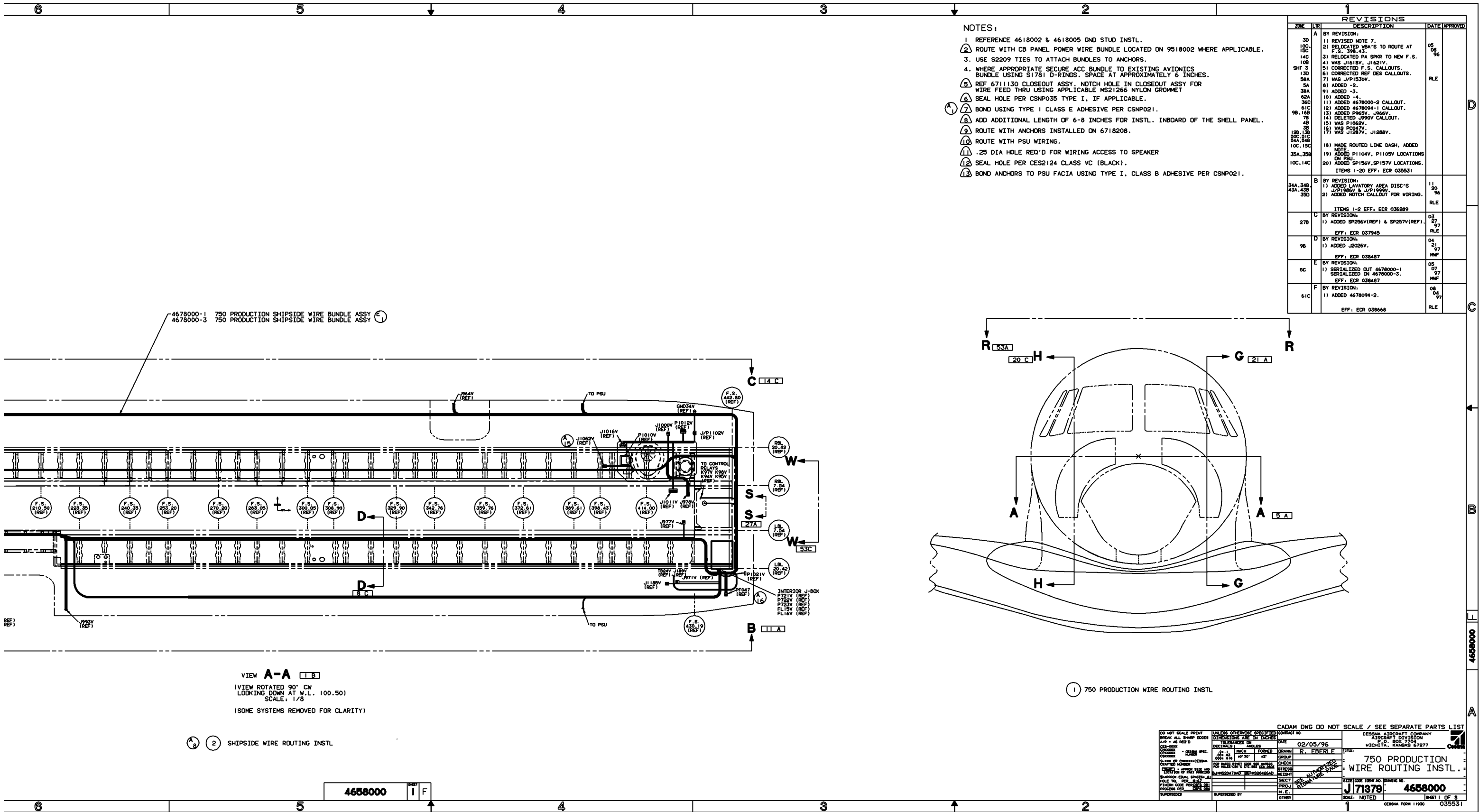
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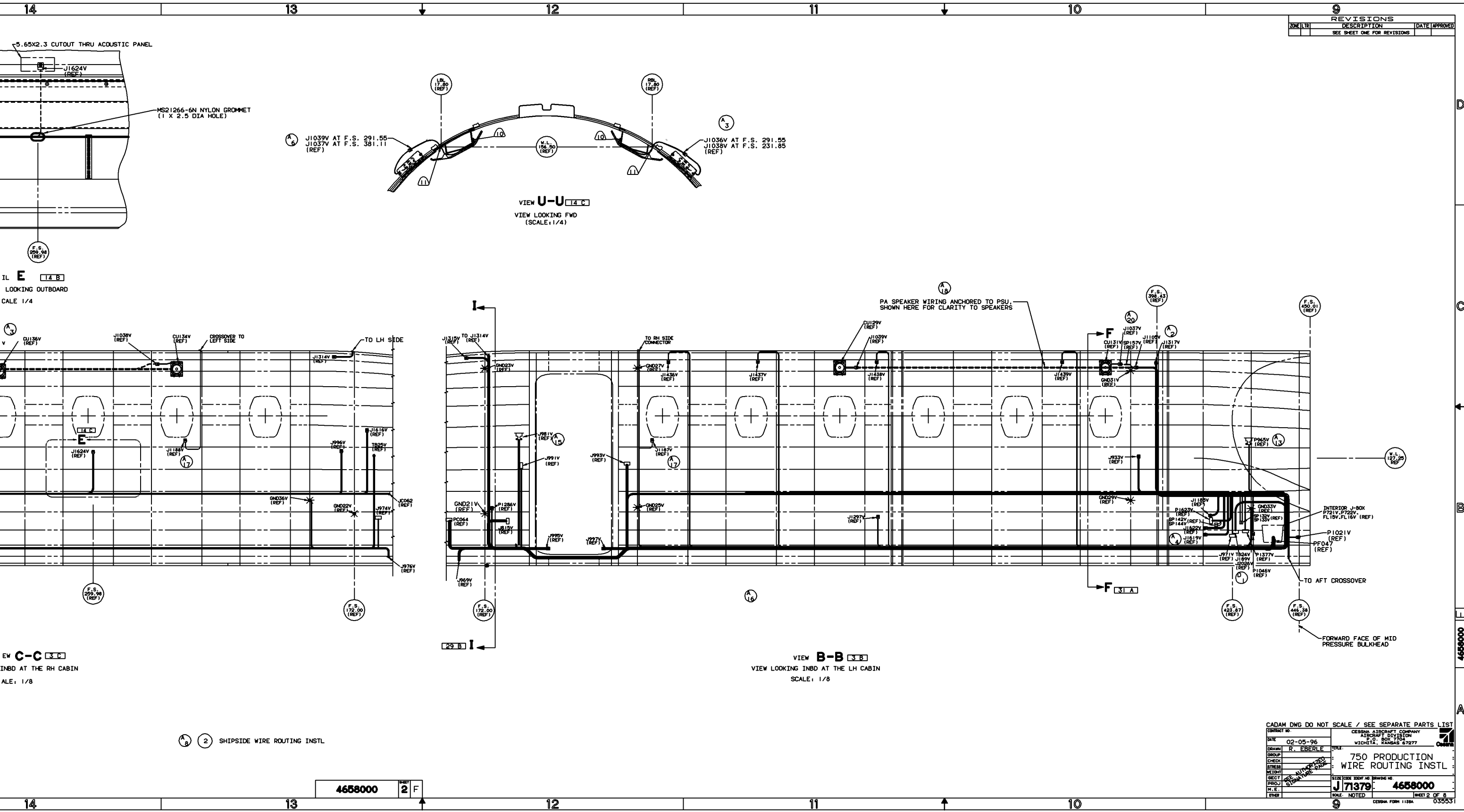
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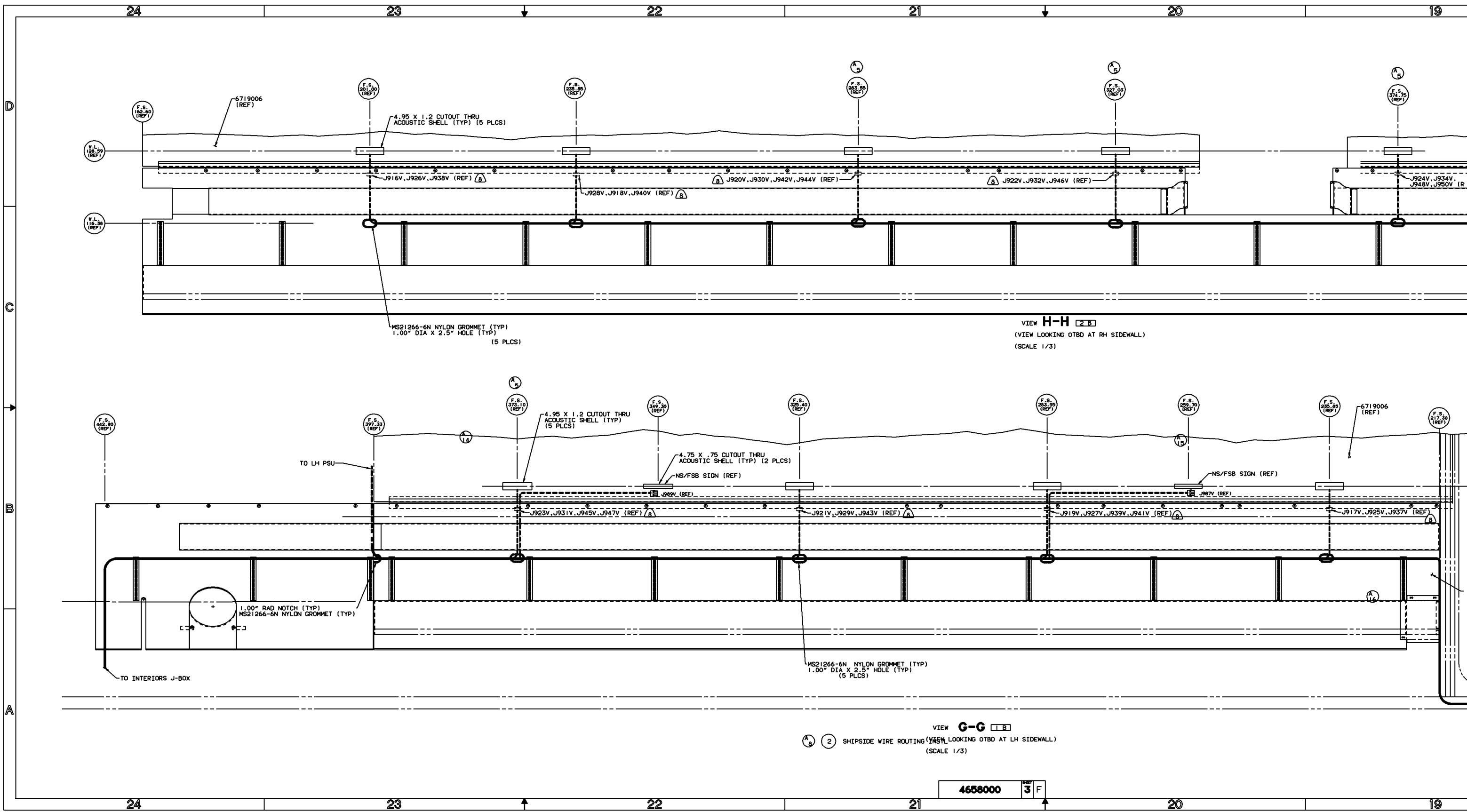
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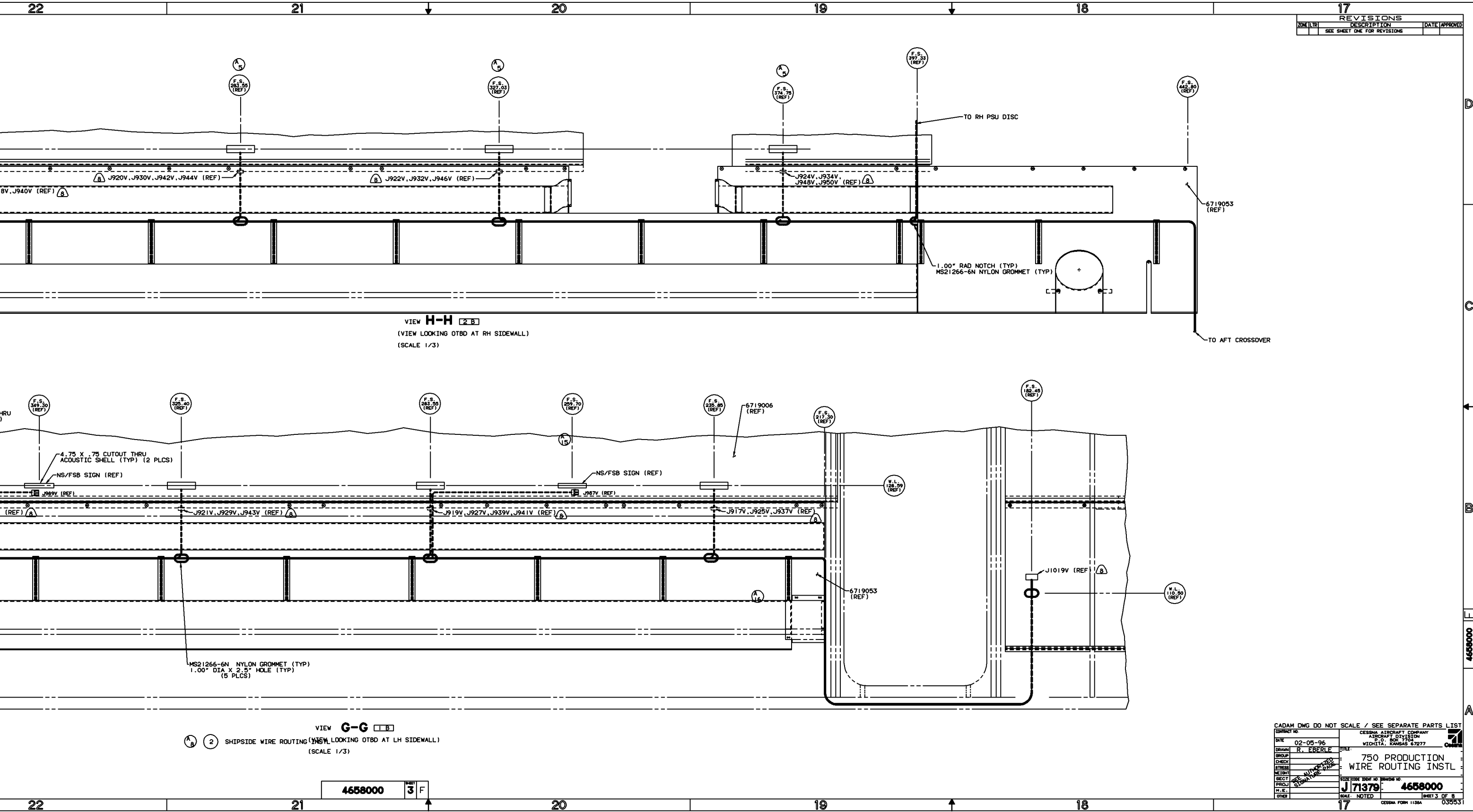


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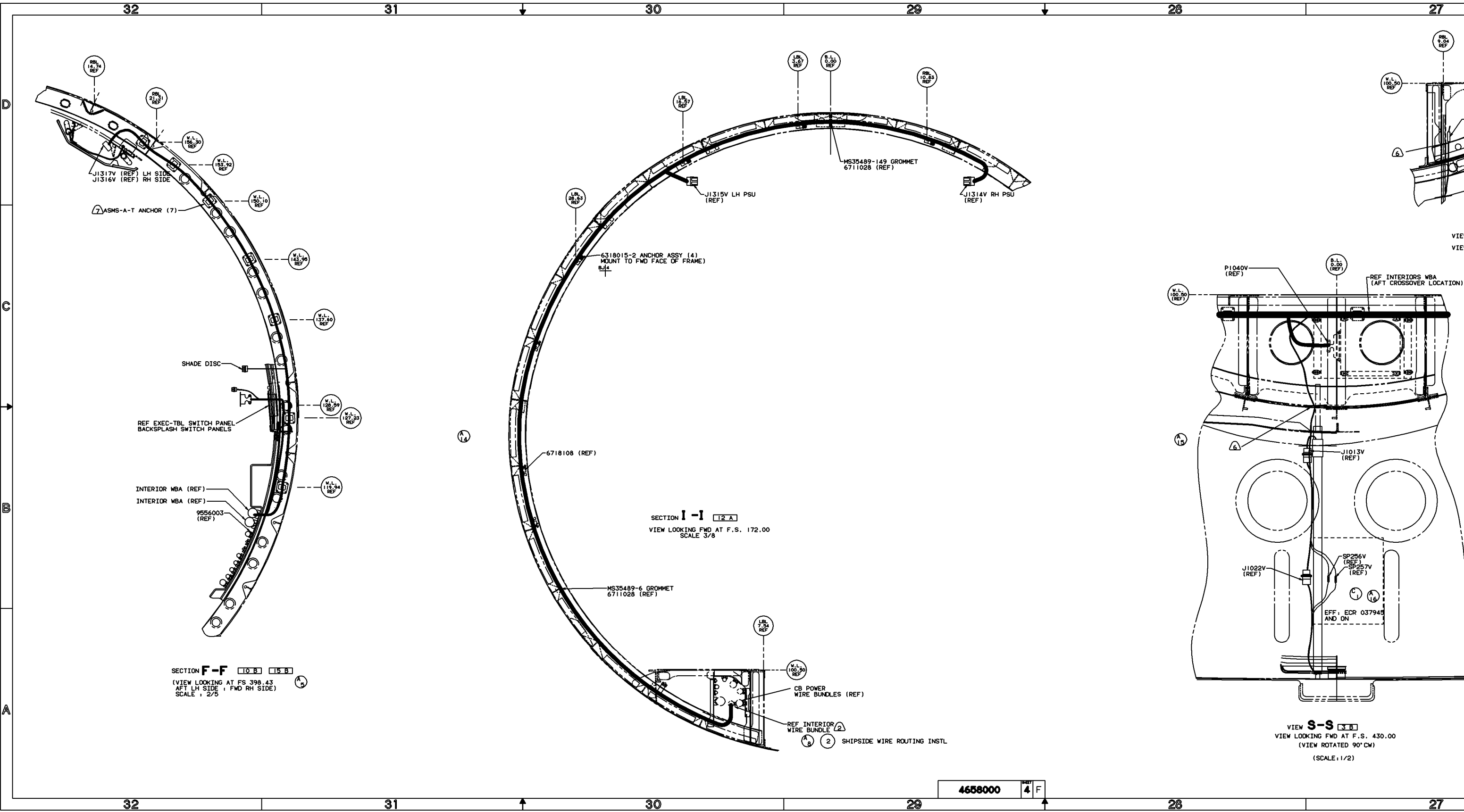
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REVISIONS		
DATE	DESCRIPTION	APPROVED
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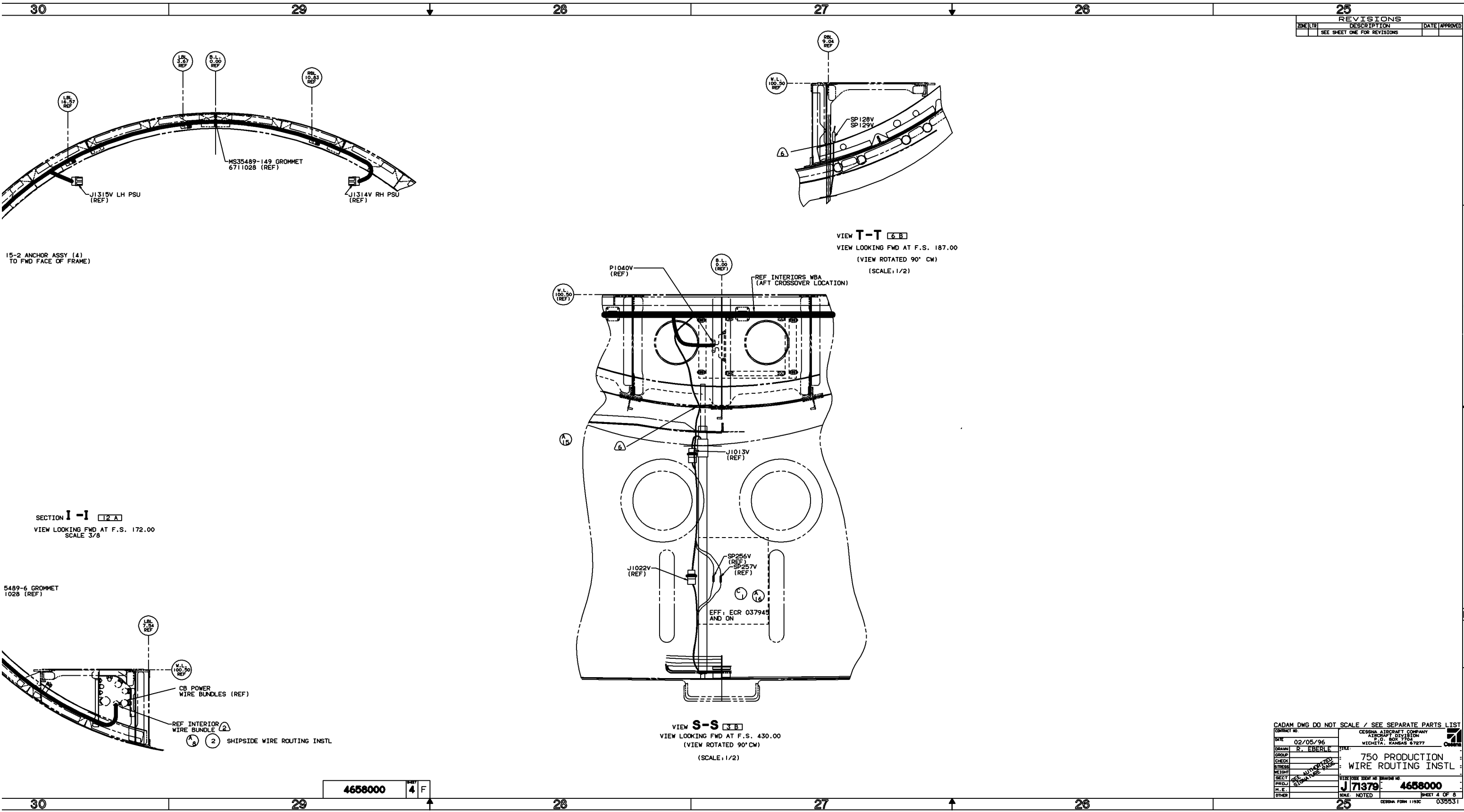
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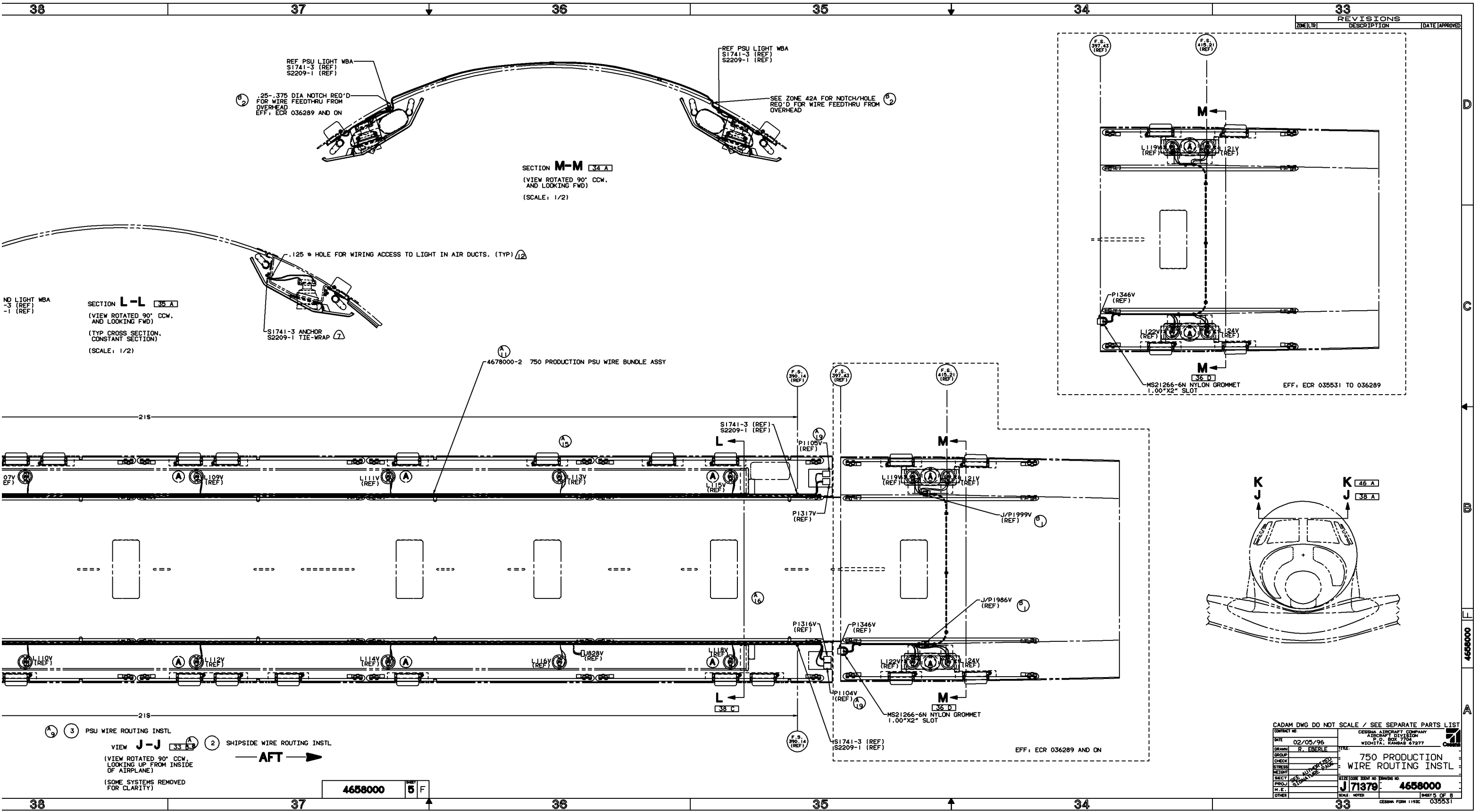


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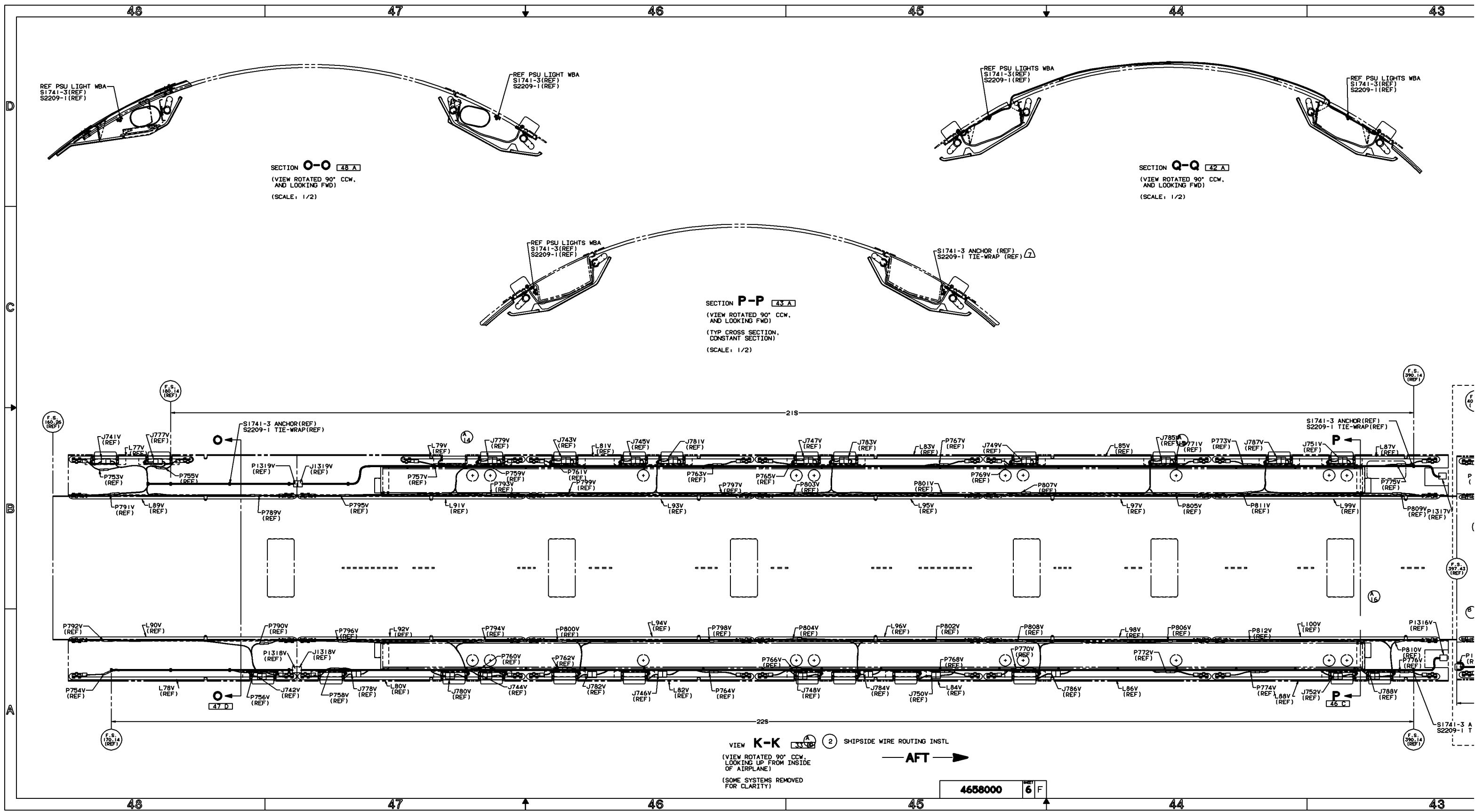


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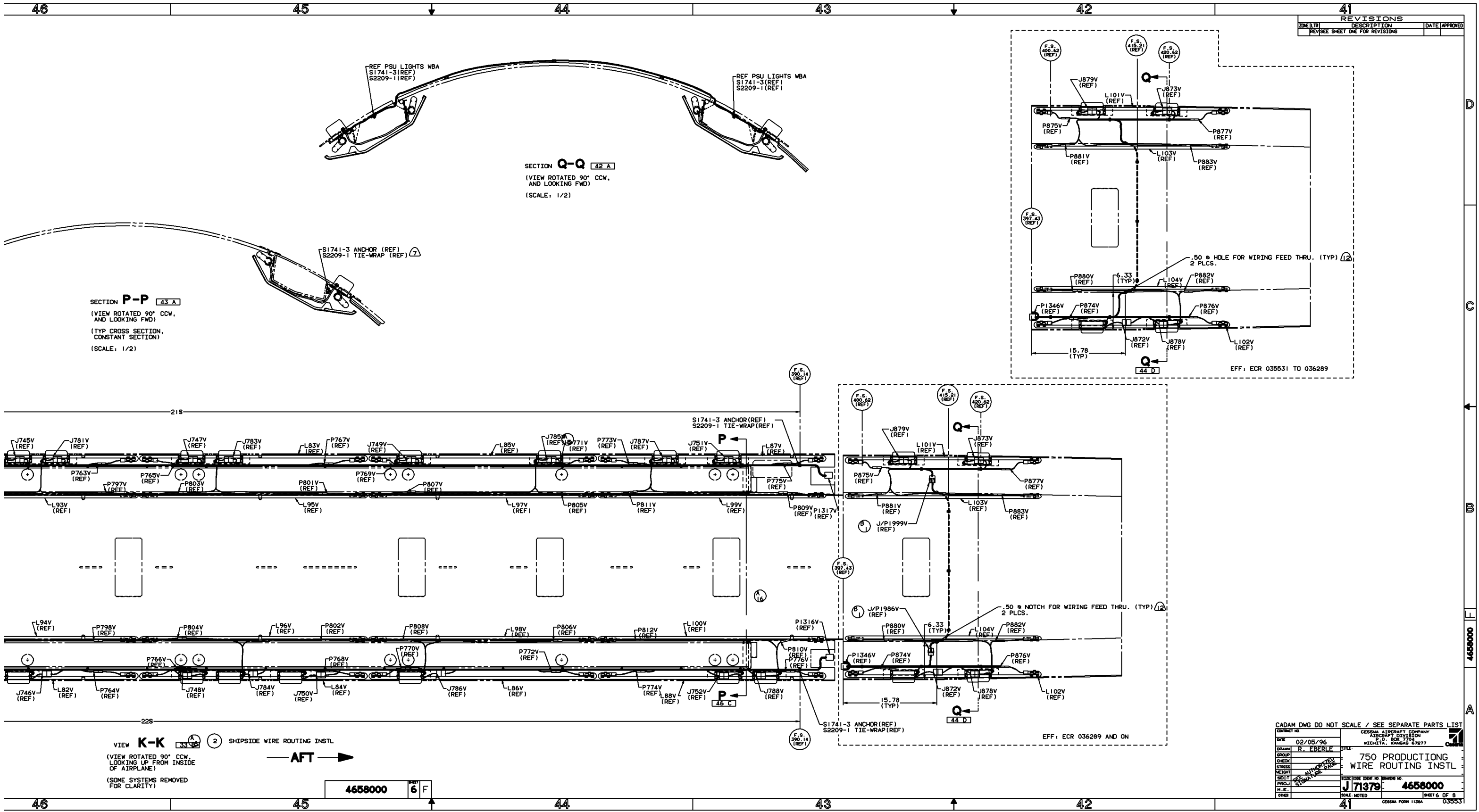


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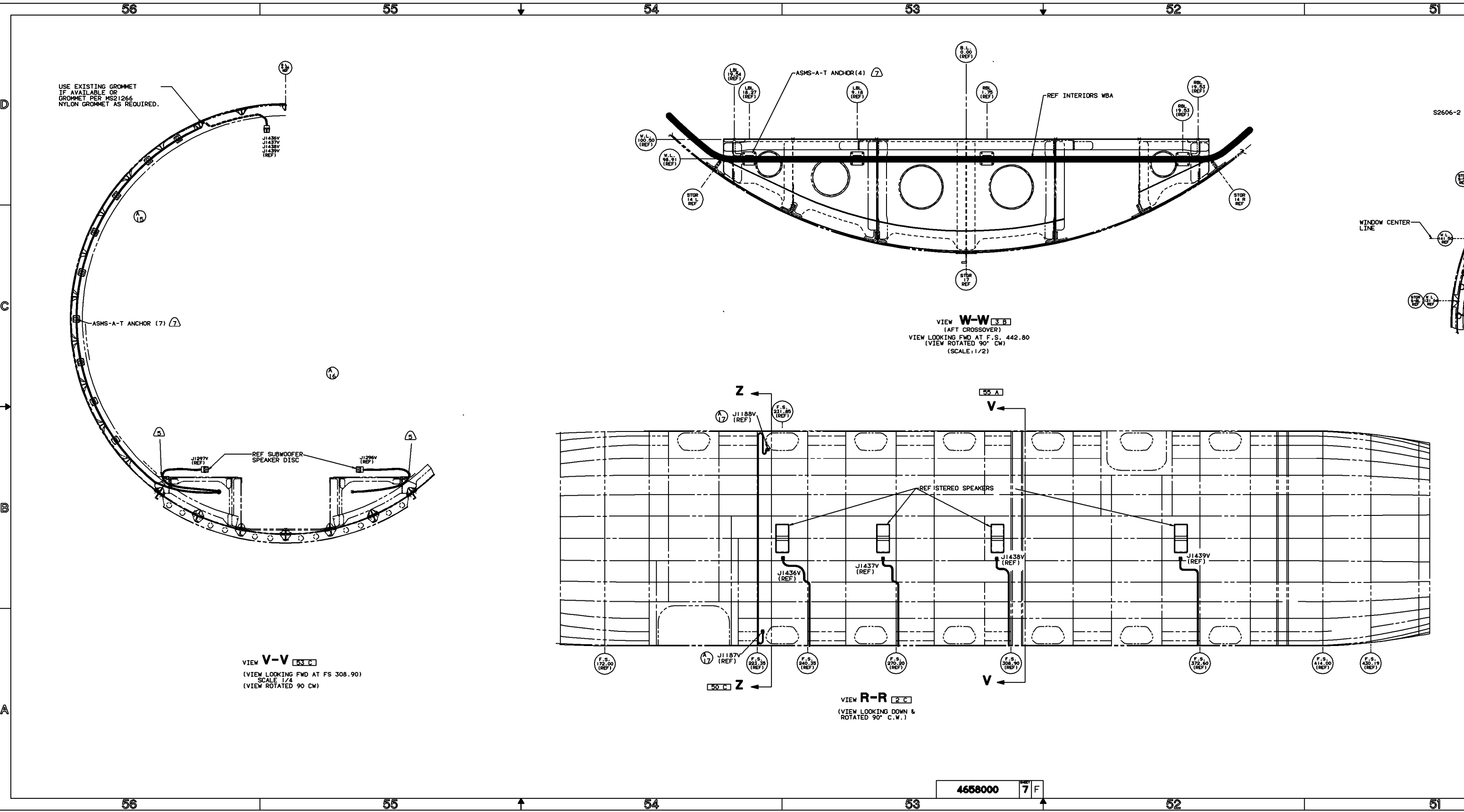


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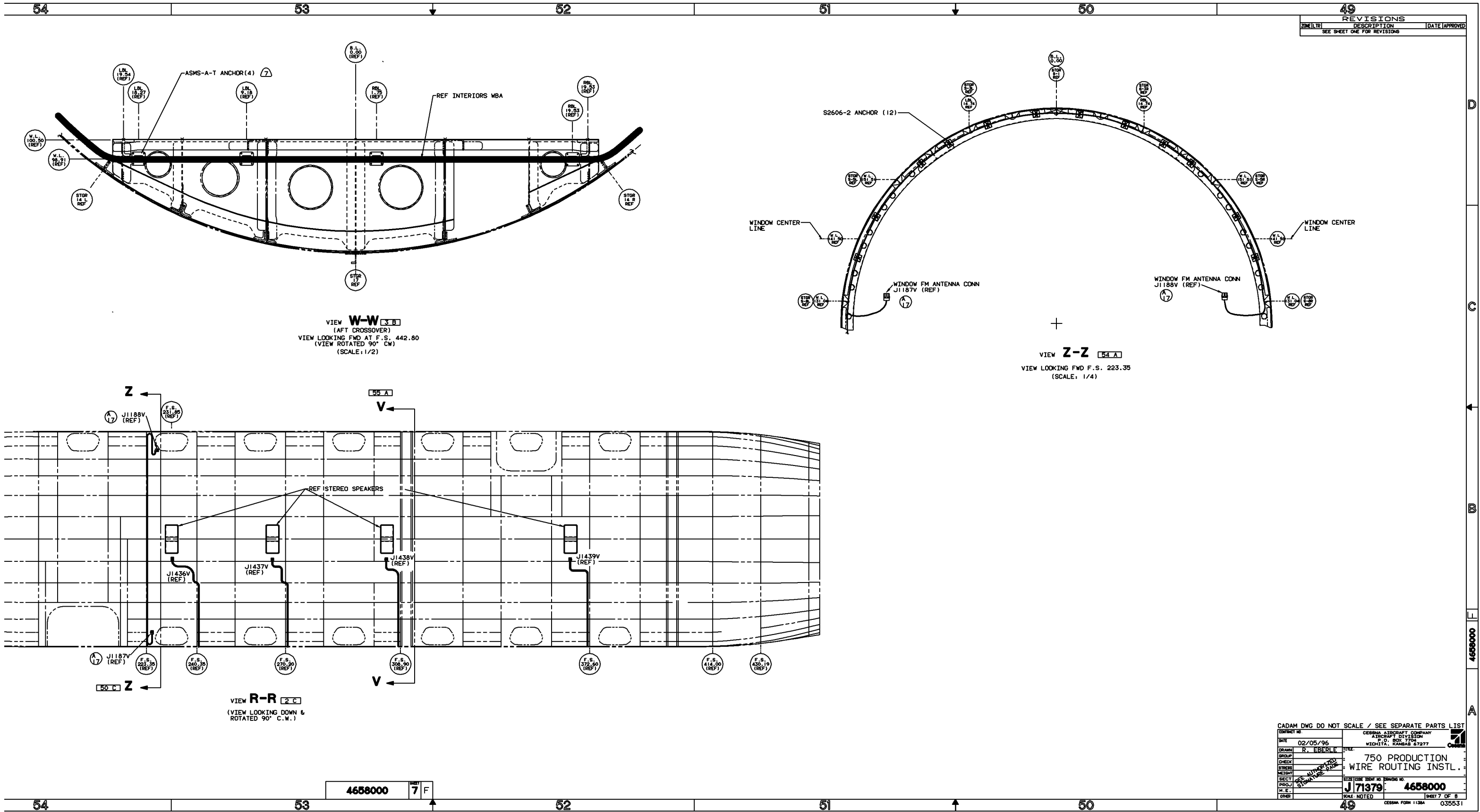


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DESIGNED	02/05/96
REVIEWED	02/05/96
APPROVED	02/05/96
OTHER	02/05/96
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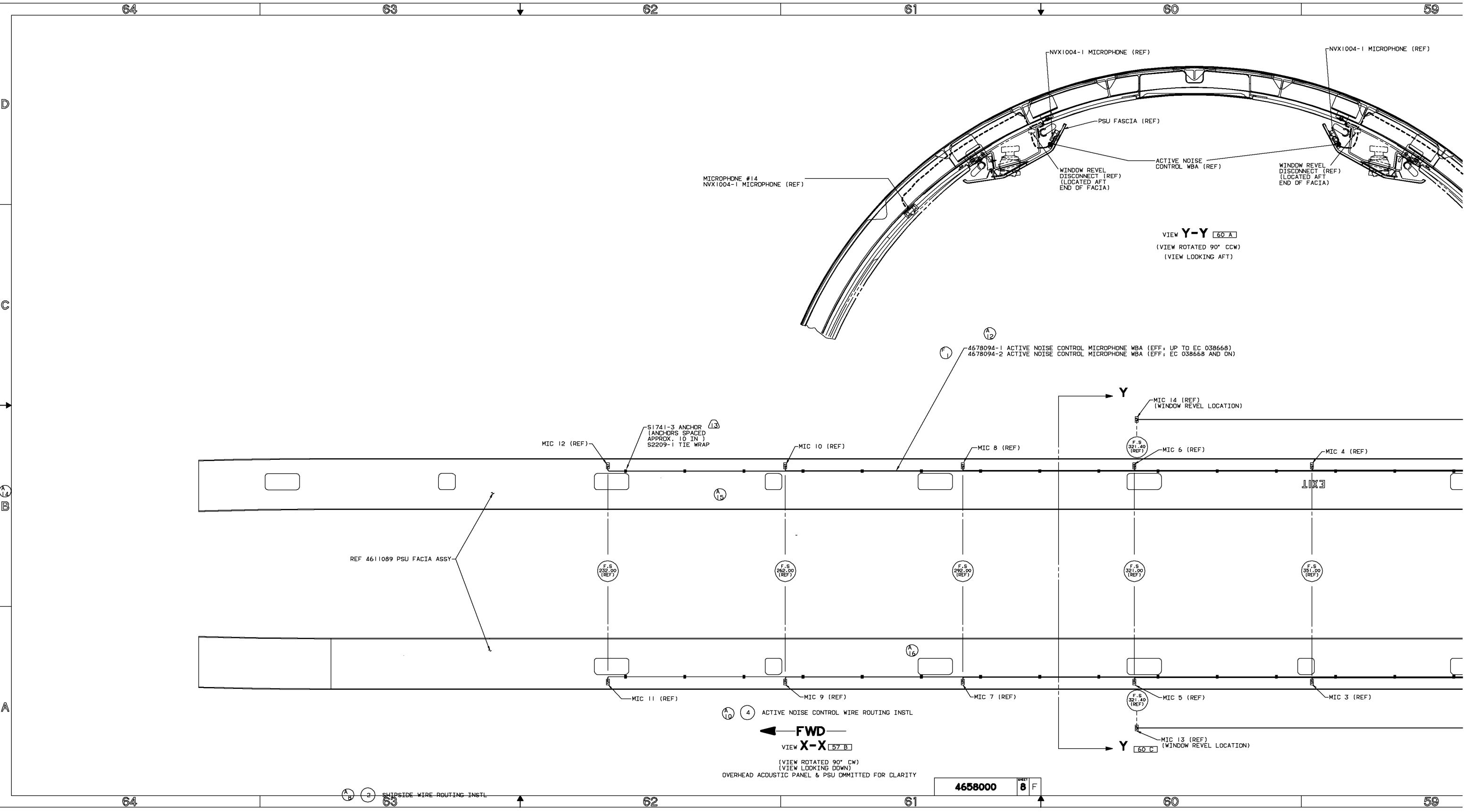
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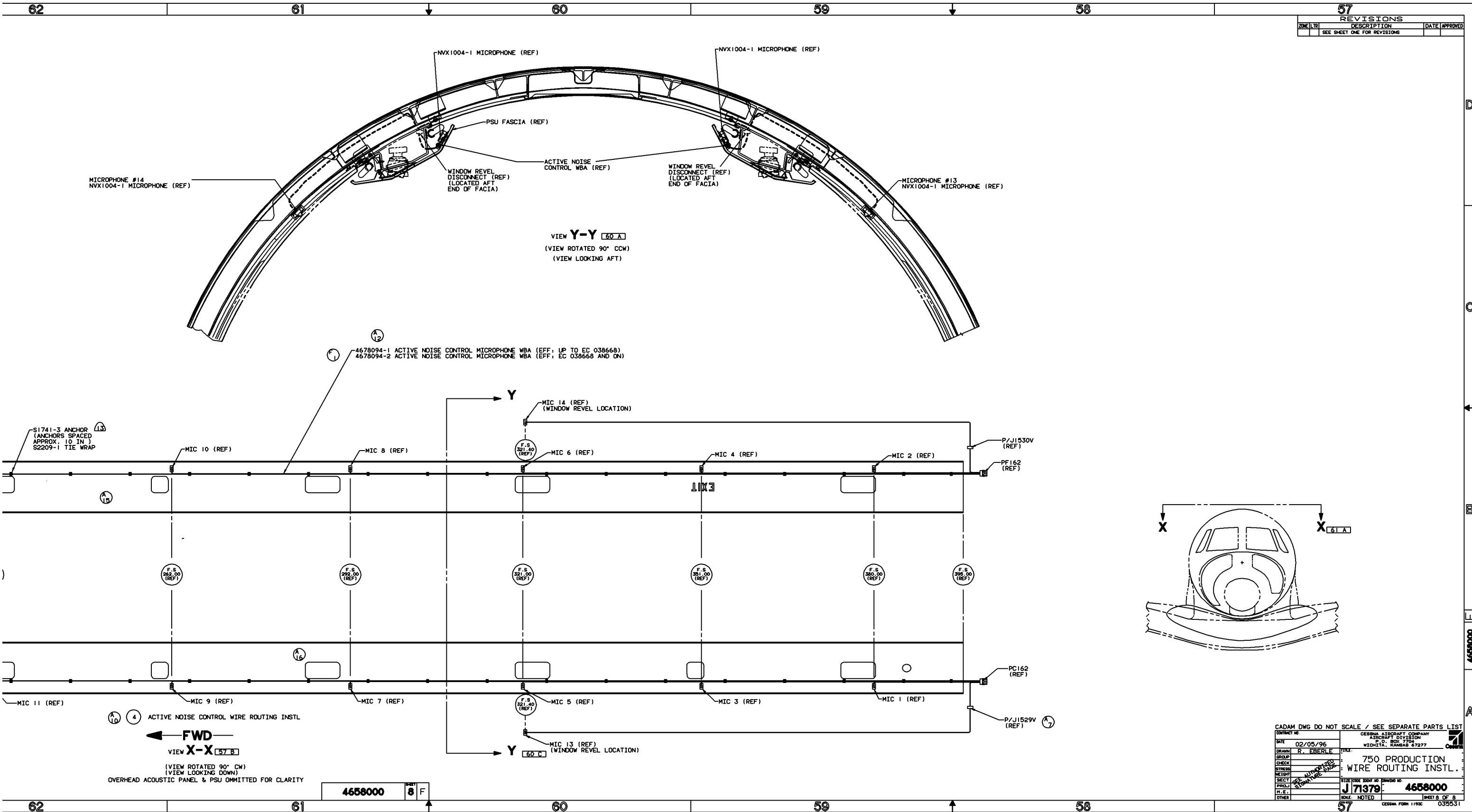
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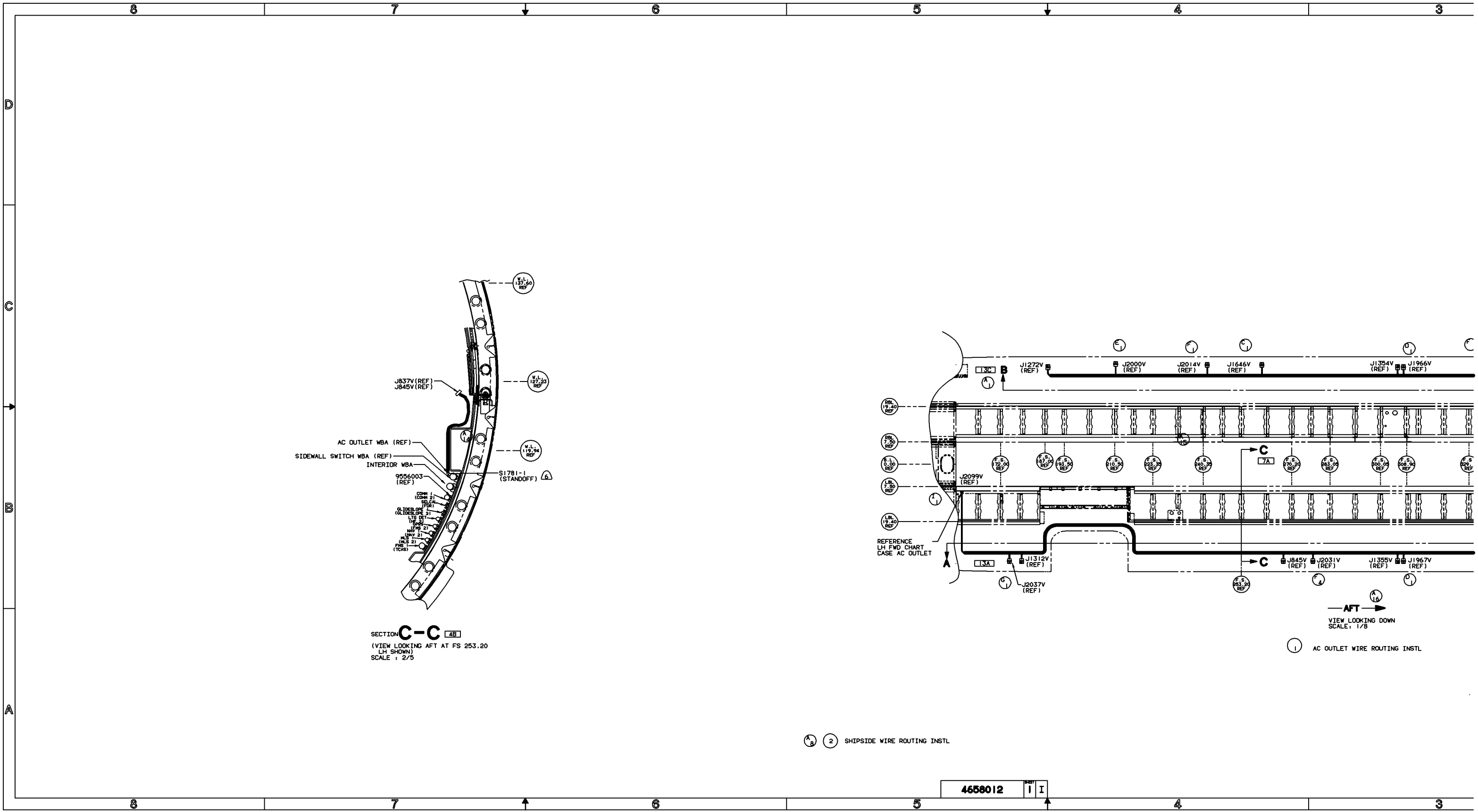
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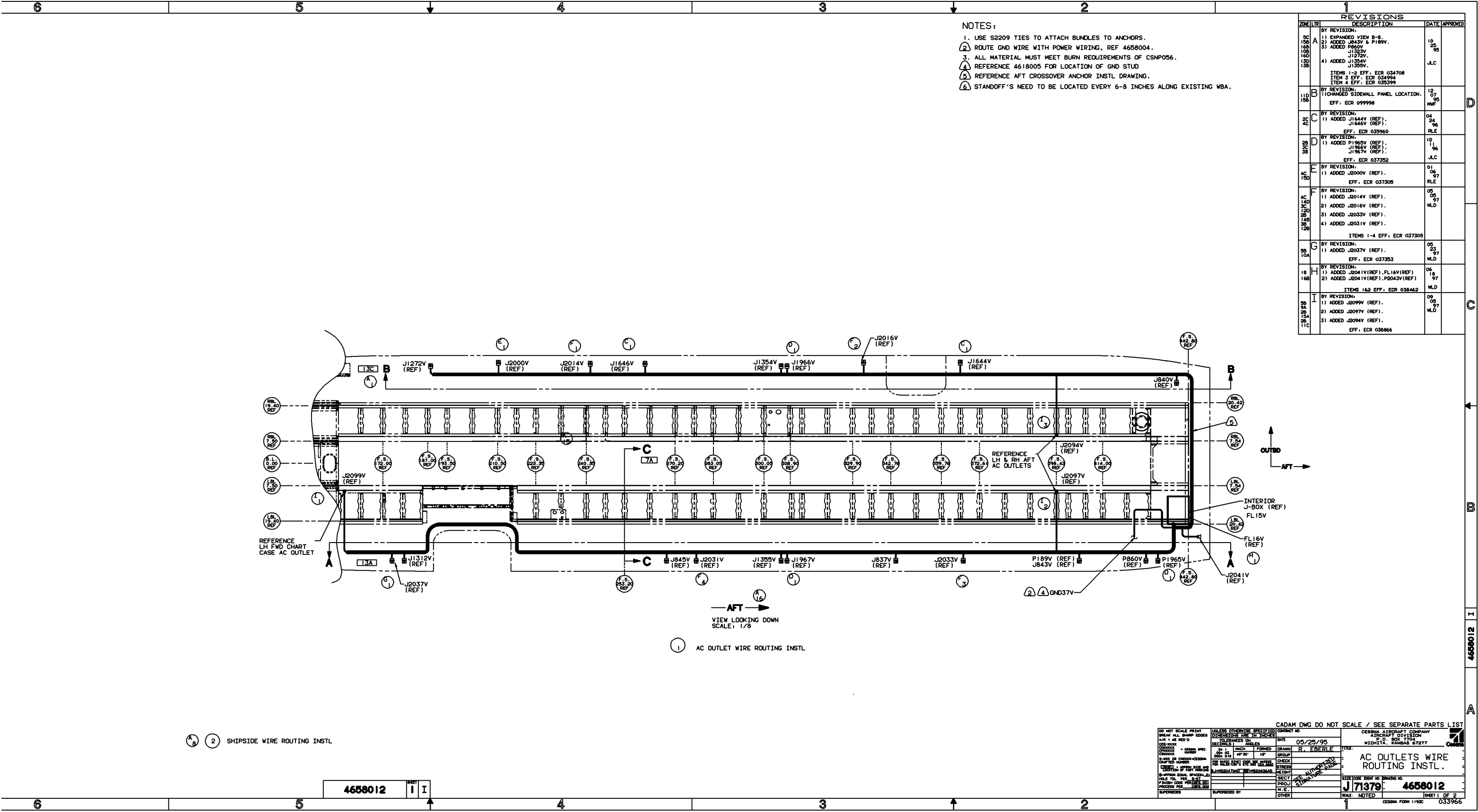
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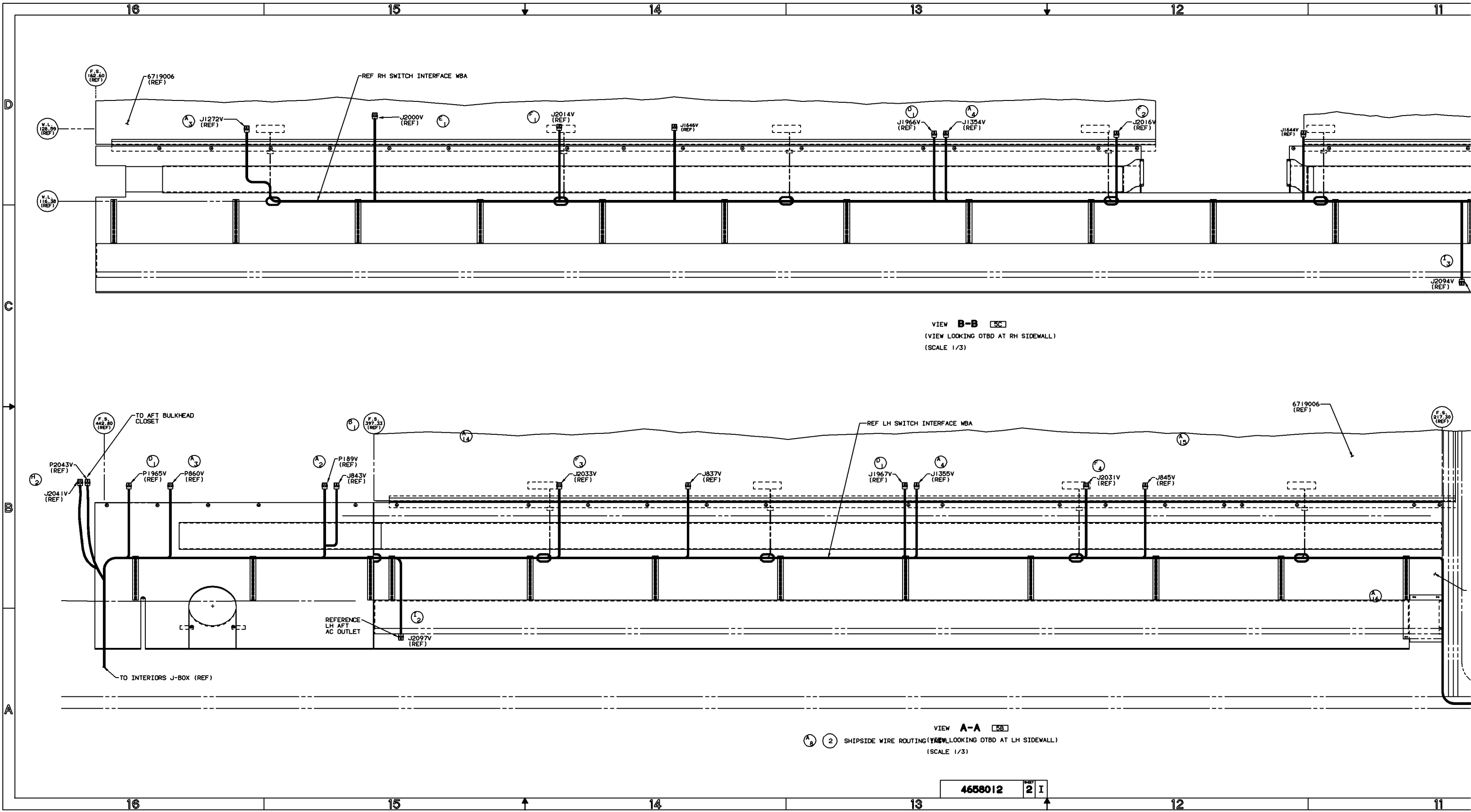
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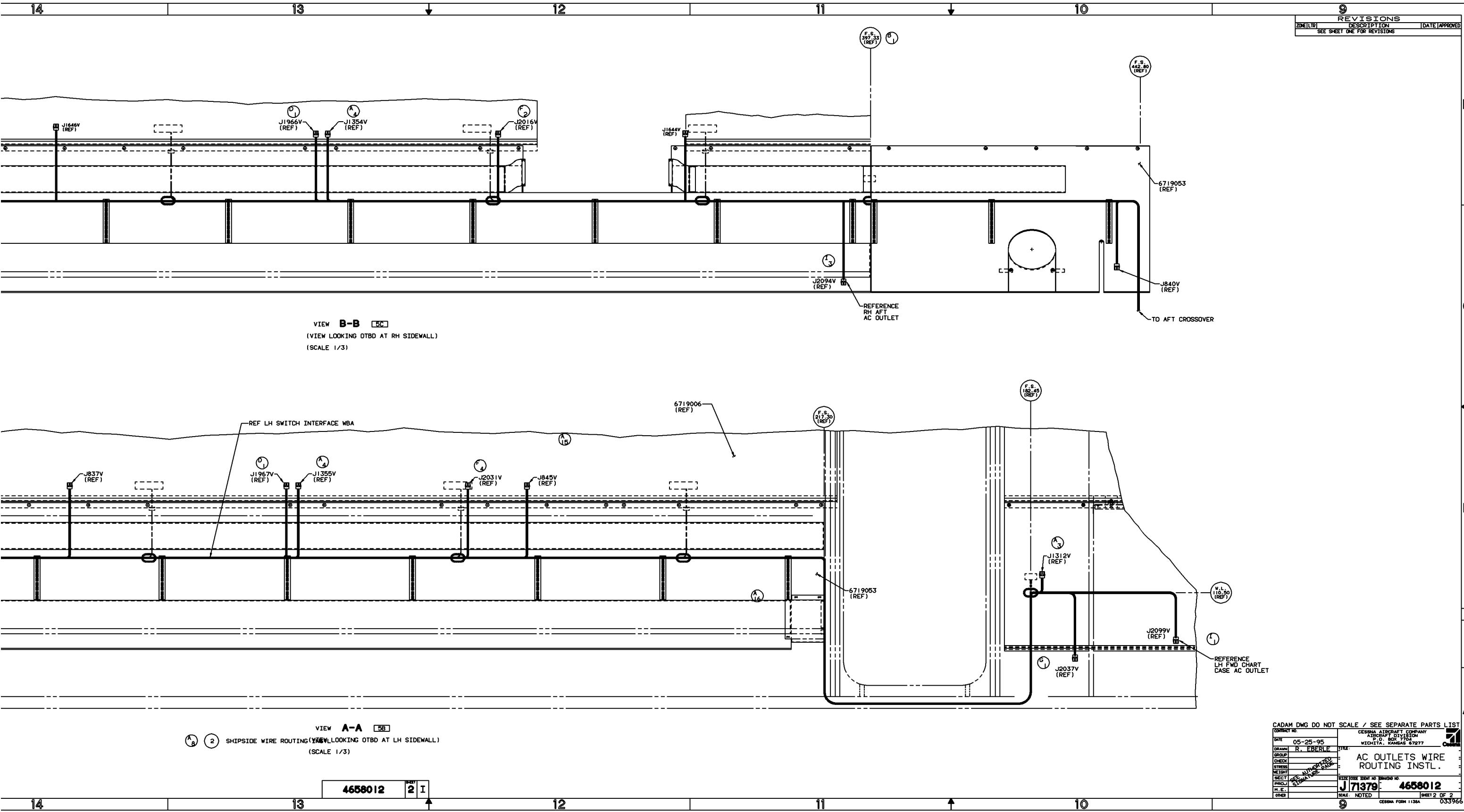
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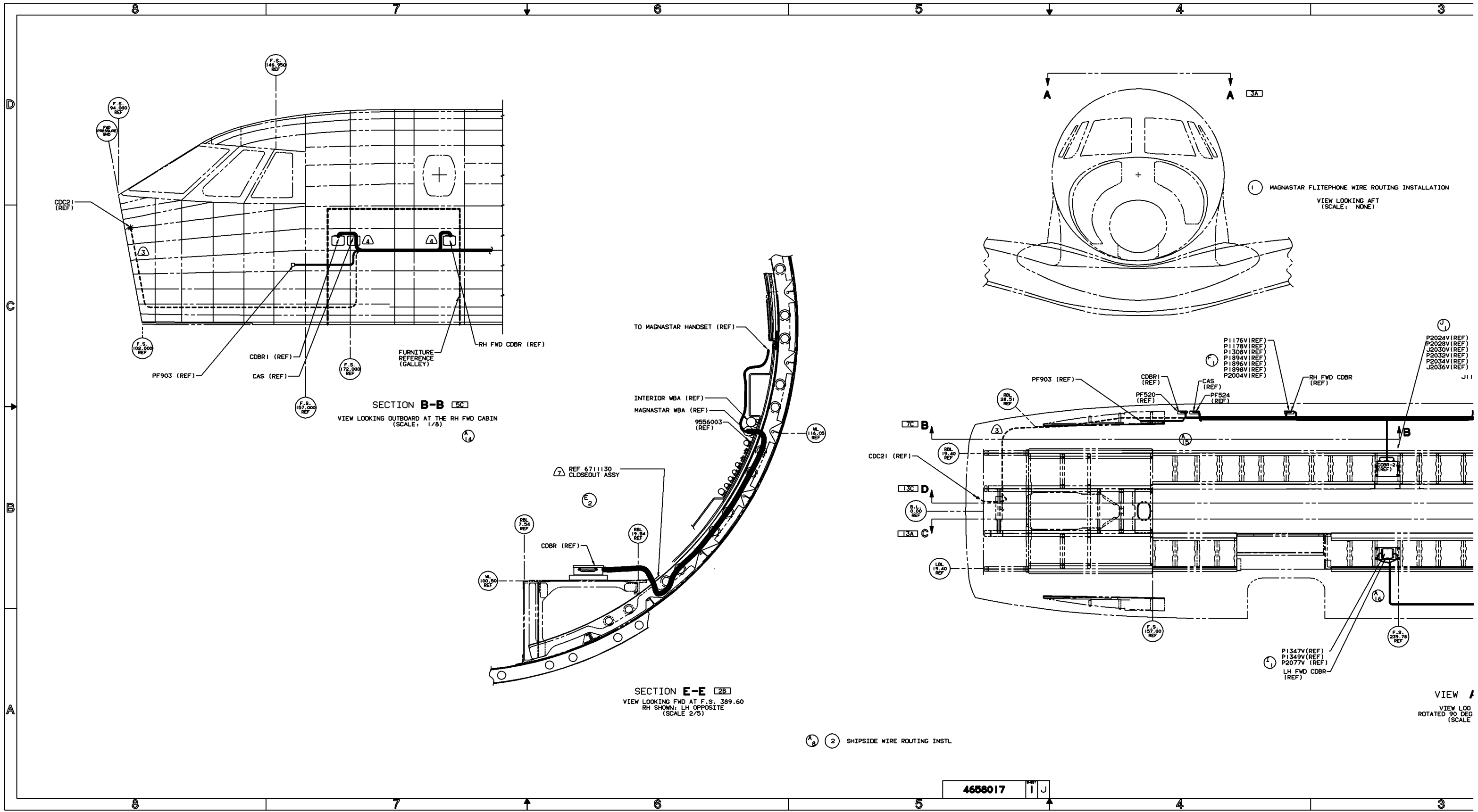
CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG



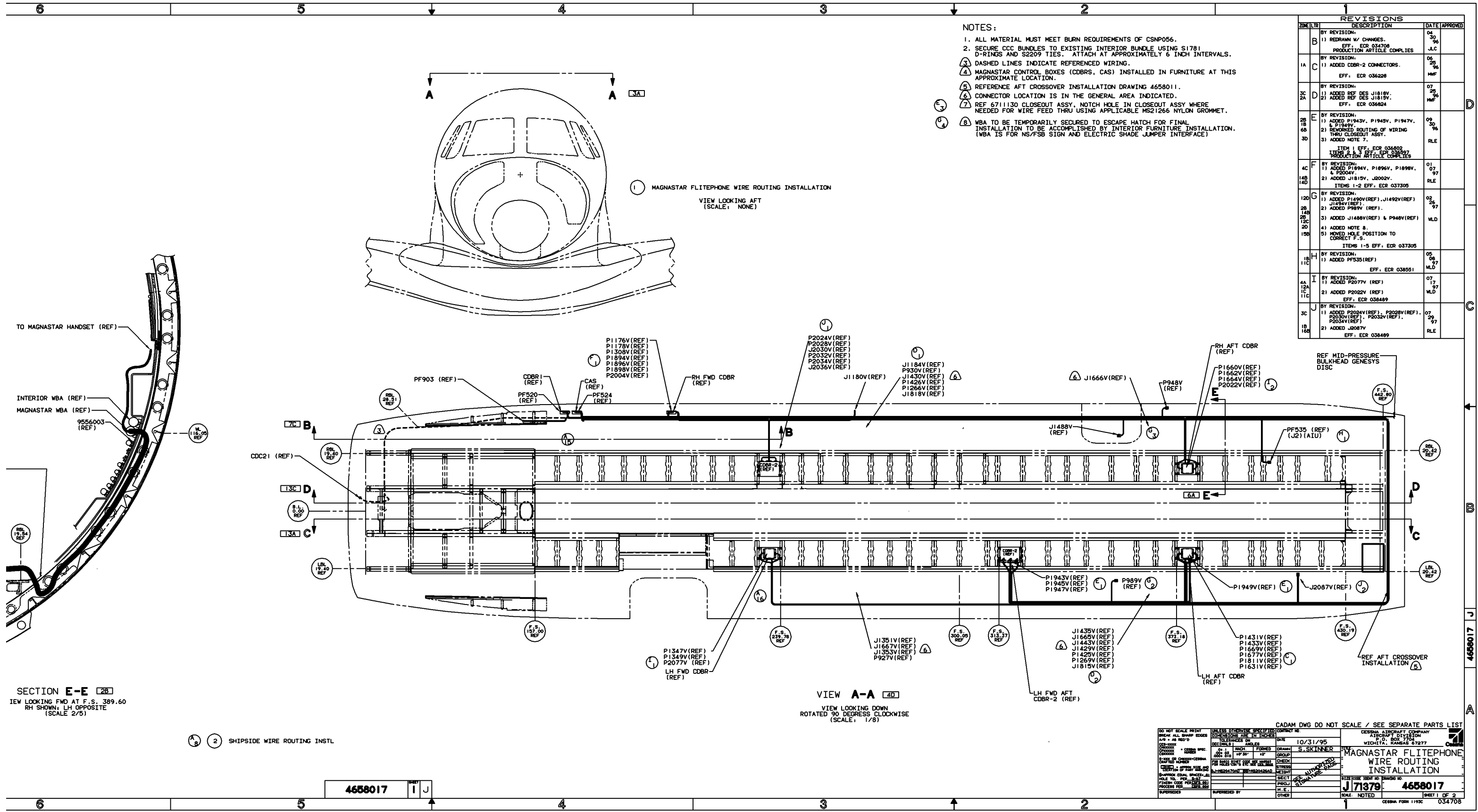
REVISIONS		
DATE/ID	DESCRIPTION	DATE/APPVED
SEE SHEET ONE FOR REVISIONS		

CADAM DWG DO NOT SCALE / SEE SEPARATE PARTS LIST	
CONTRACT NO.	CESSNA AIRCRAFT COMPANY
DATE	05-25-95
DRAWN	R. F. BERLE
CHECK	
DESIGN	
WEIGHT	
PROJECT	
OTHER	
AC OUTLETS WIRE ROUTING INSTL.	
SCALE	NOTED
OTHER	

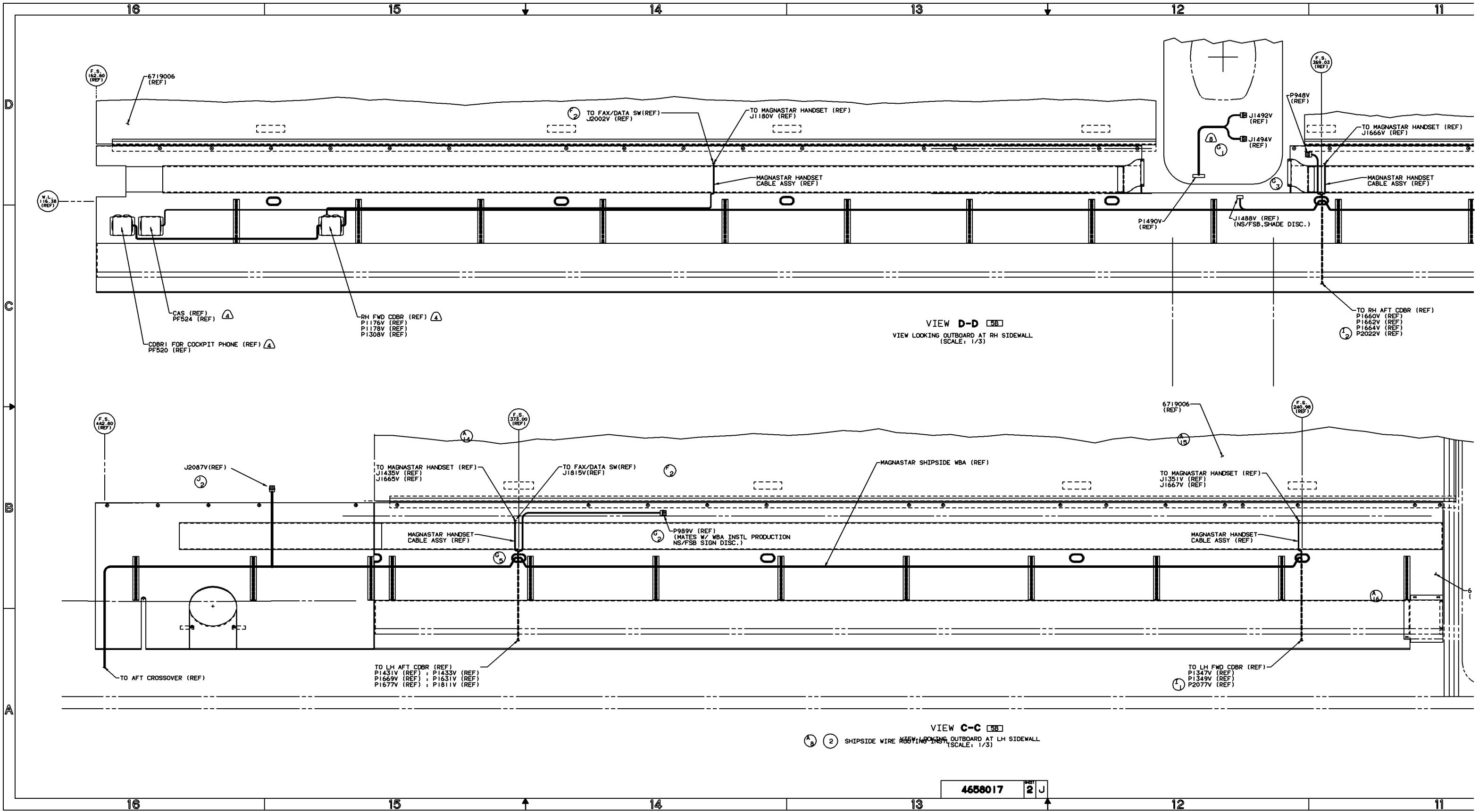
CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG



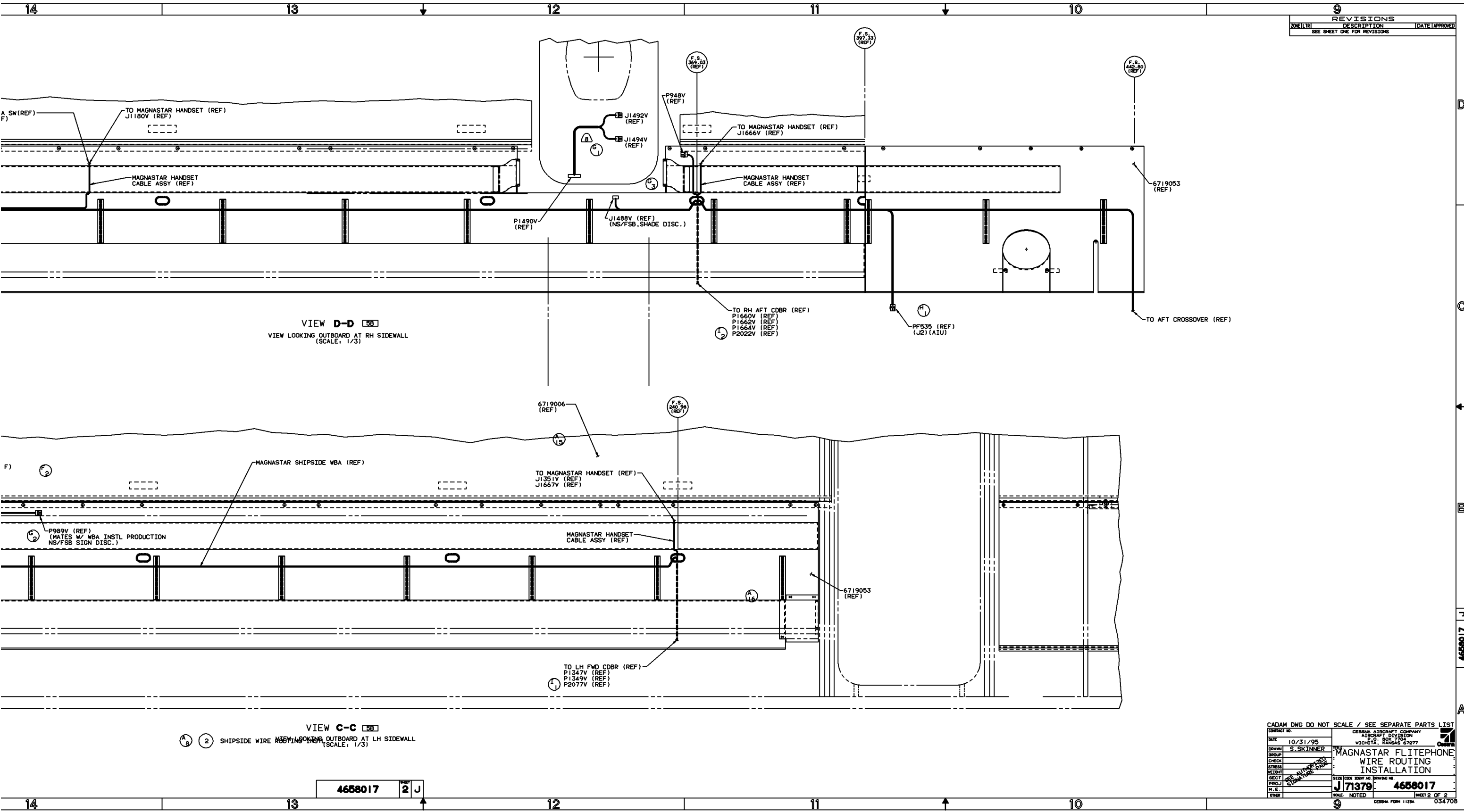
CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG



CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG



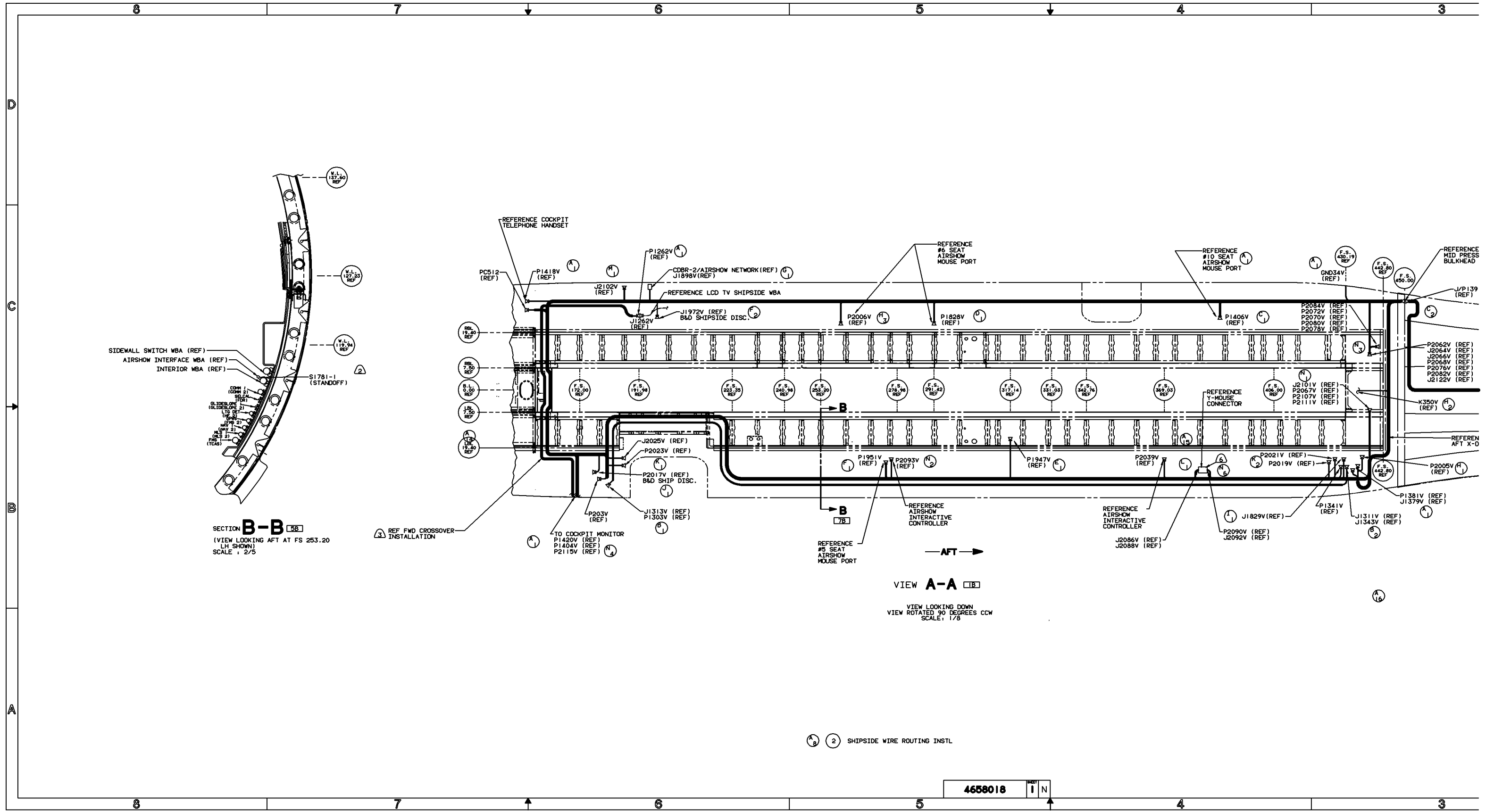
CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG



REVISIONS		
ZONE/ID	DESCRIPTION	DATE/APPROVED
SEE SHEET ONE FOR REVISIONS		

CADAM DWG DO NOT SCALE / SEE SEPARATE PARTS LIST	
CONTRACT NO.	CESSNA AIRCRAFT COMPANY
DATE	10/31/95
DRAWN	S. SKINNER
GROUP	WICHITA, KANSAS 67277
CHECKS	
STRESS	
WEIGHT	
SECT	
PROJ.	
OTHER	
MAGNASTAR FLITEPHONE WIRE ROUTING INSTALLATION	
SIZE CODE	NO. DRAWING NO.
J/71379	4658017
SOLE. NOTED	9
CESSNA FORM 1119A 034708	

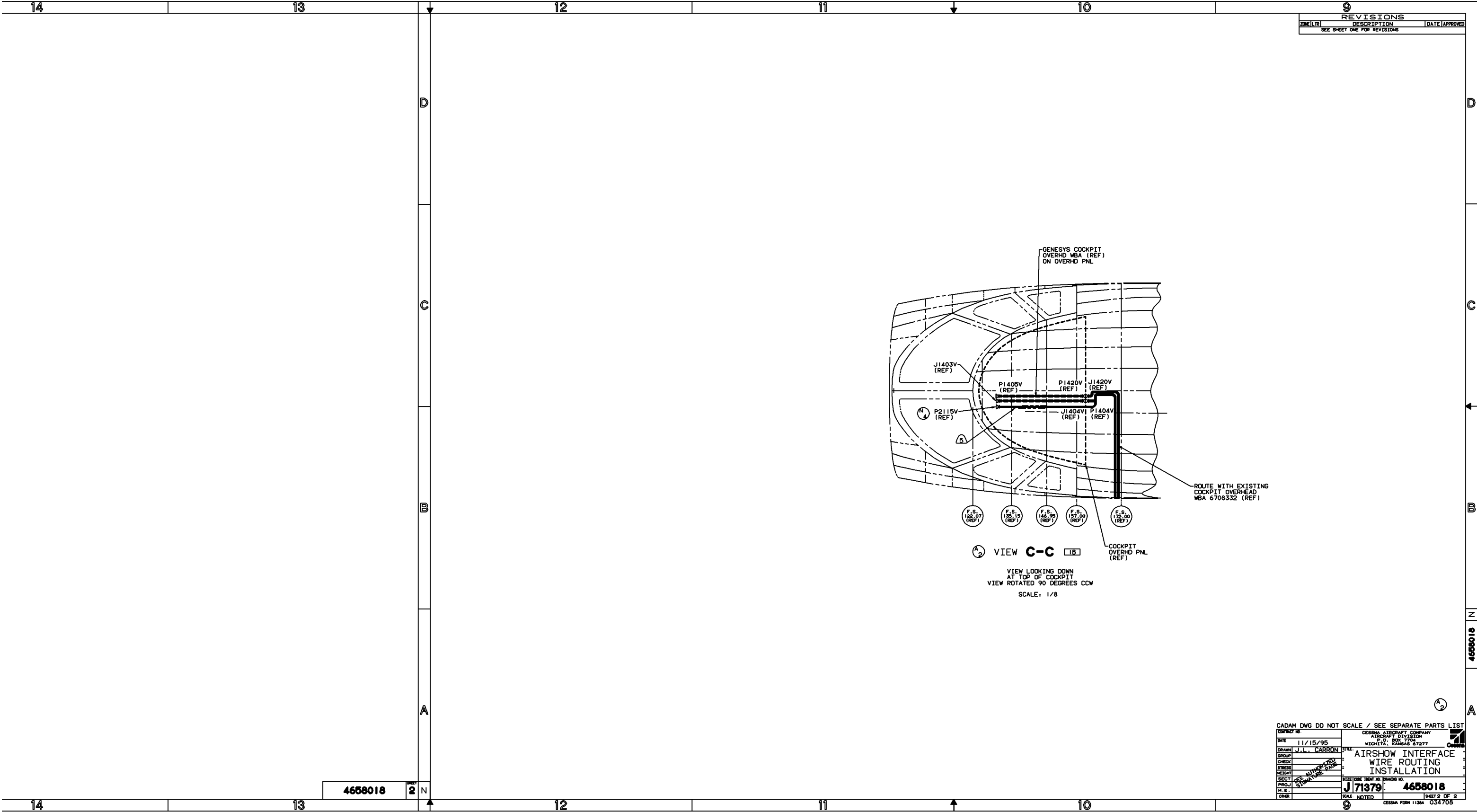
CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG



CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

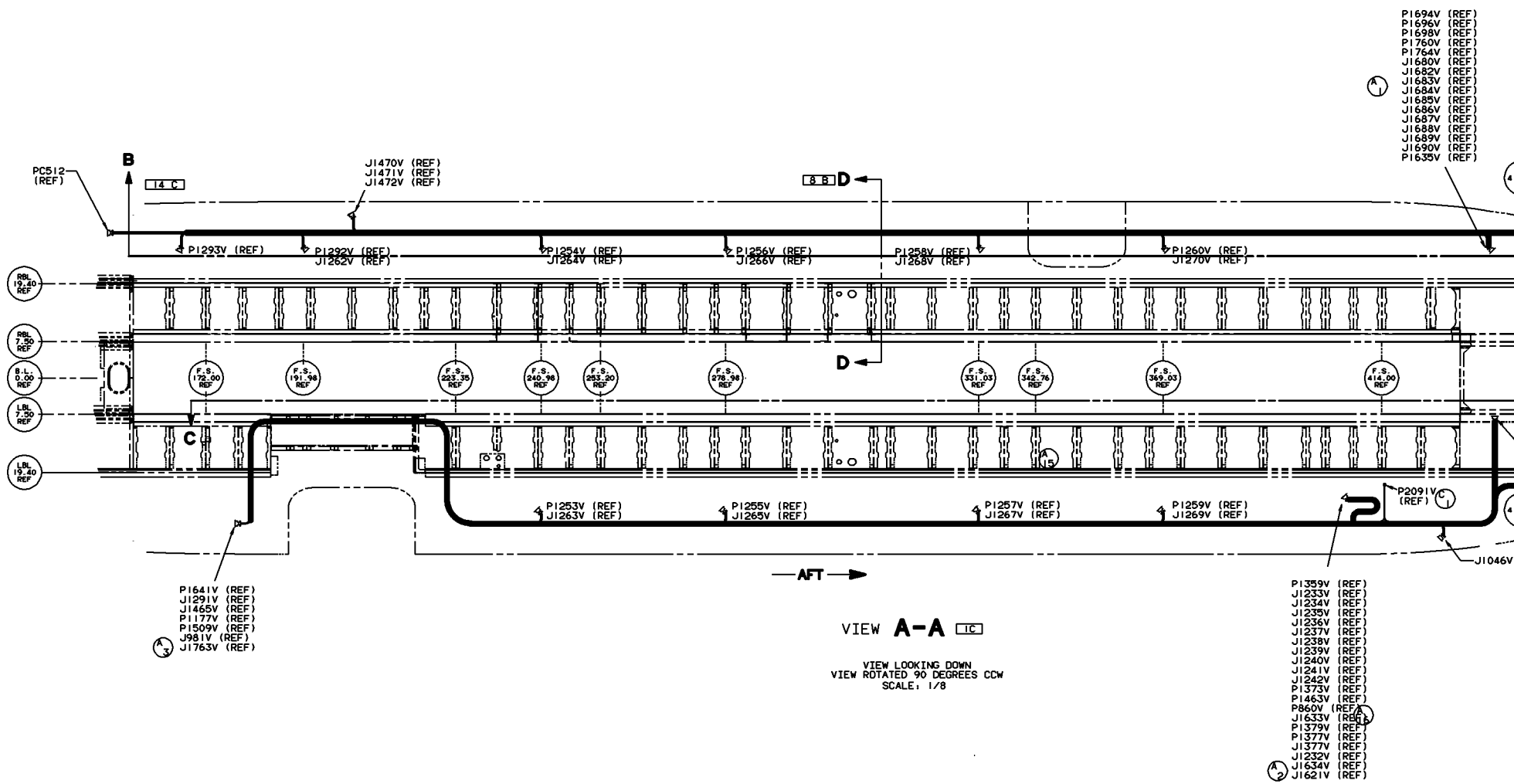
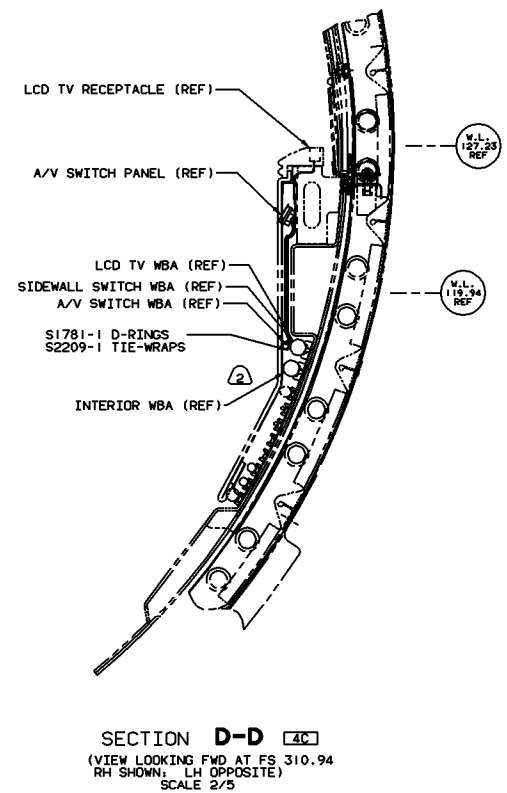
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CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG



CADAM DWG DO NOT SCALE / SEE SEPARATE PARTS LIST	
CONTRACT NO.	CESSNA AIRCRAFT COMPANY
DATE	11/15/95
DESIGNER	J.L. CARRON
CHECKED	
ENGINEER	
WELDER	
SECT.	
PROJ.	
OWNR	
AIRSHOW INTERFACE WIRE ROUTING INSTALLATION	
SIZE	11x17
SCALE	NOTED
SHEET 2 OF 2	

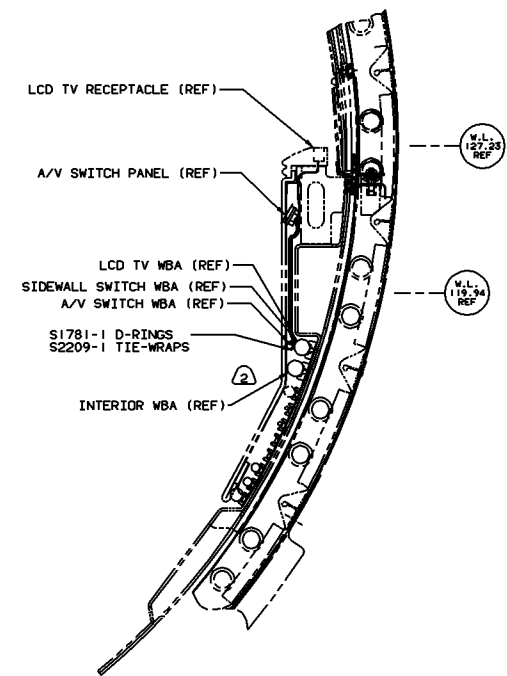
CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG



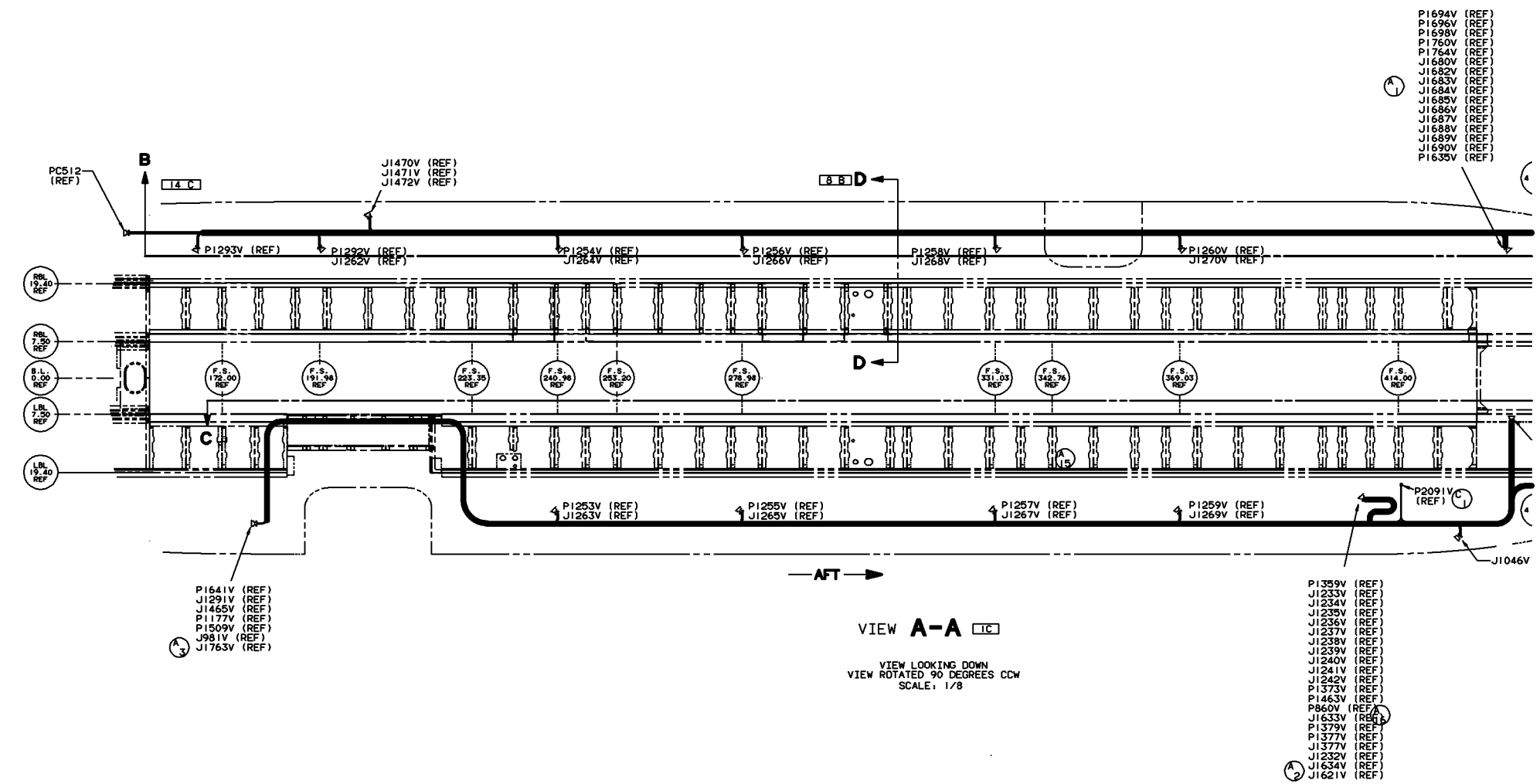
2 SHIPSIDE WIRE ROUTING INSTL

4658027

CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG



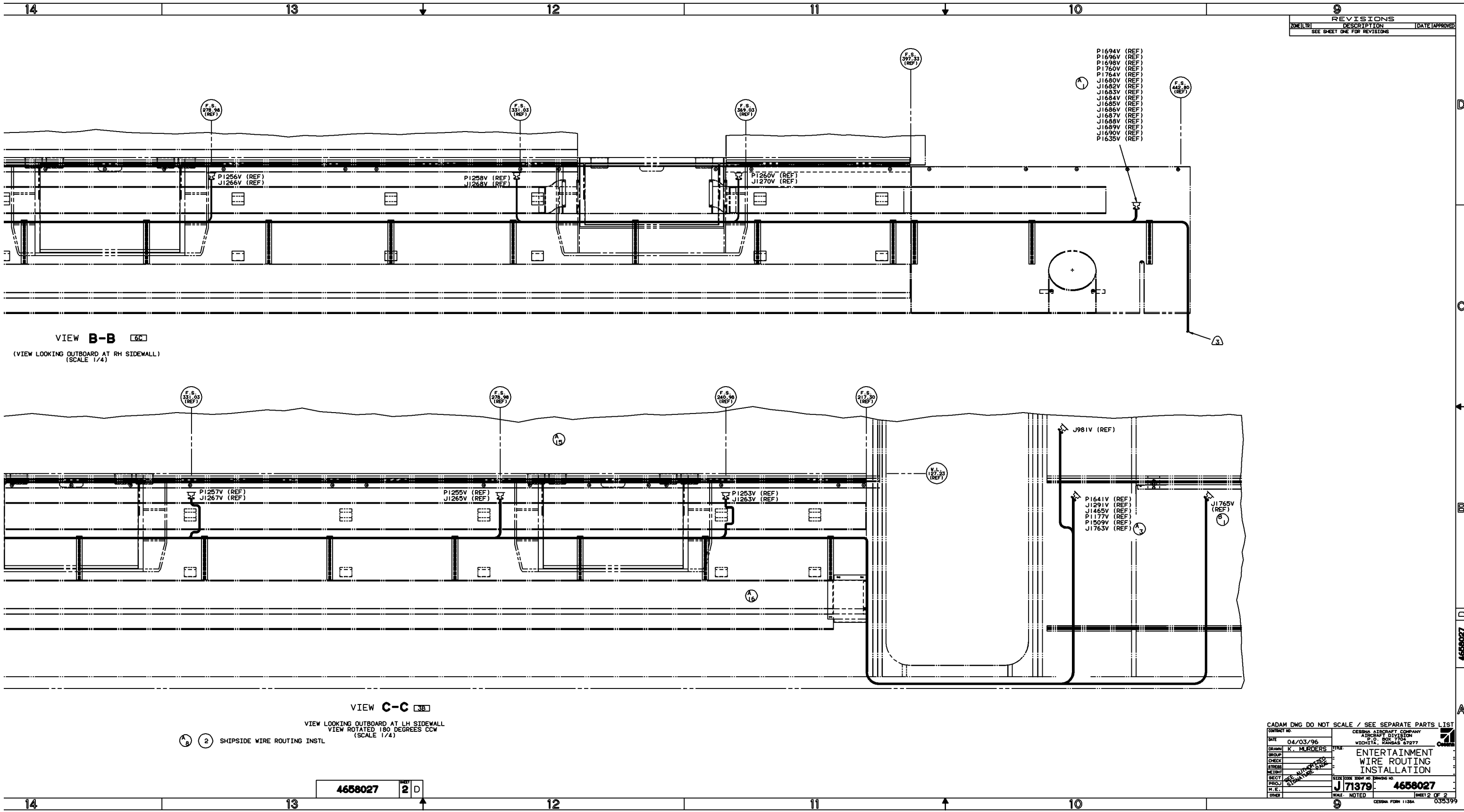
SECTION **D-D** 4C
(VIEW LOOKING FWD AT FS 310.94
RH SHOWN, LH OPPOSITE)
SCALE 2/5



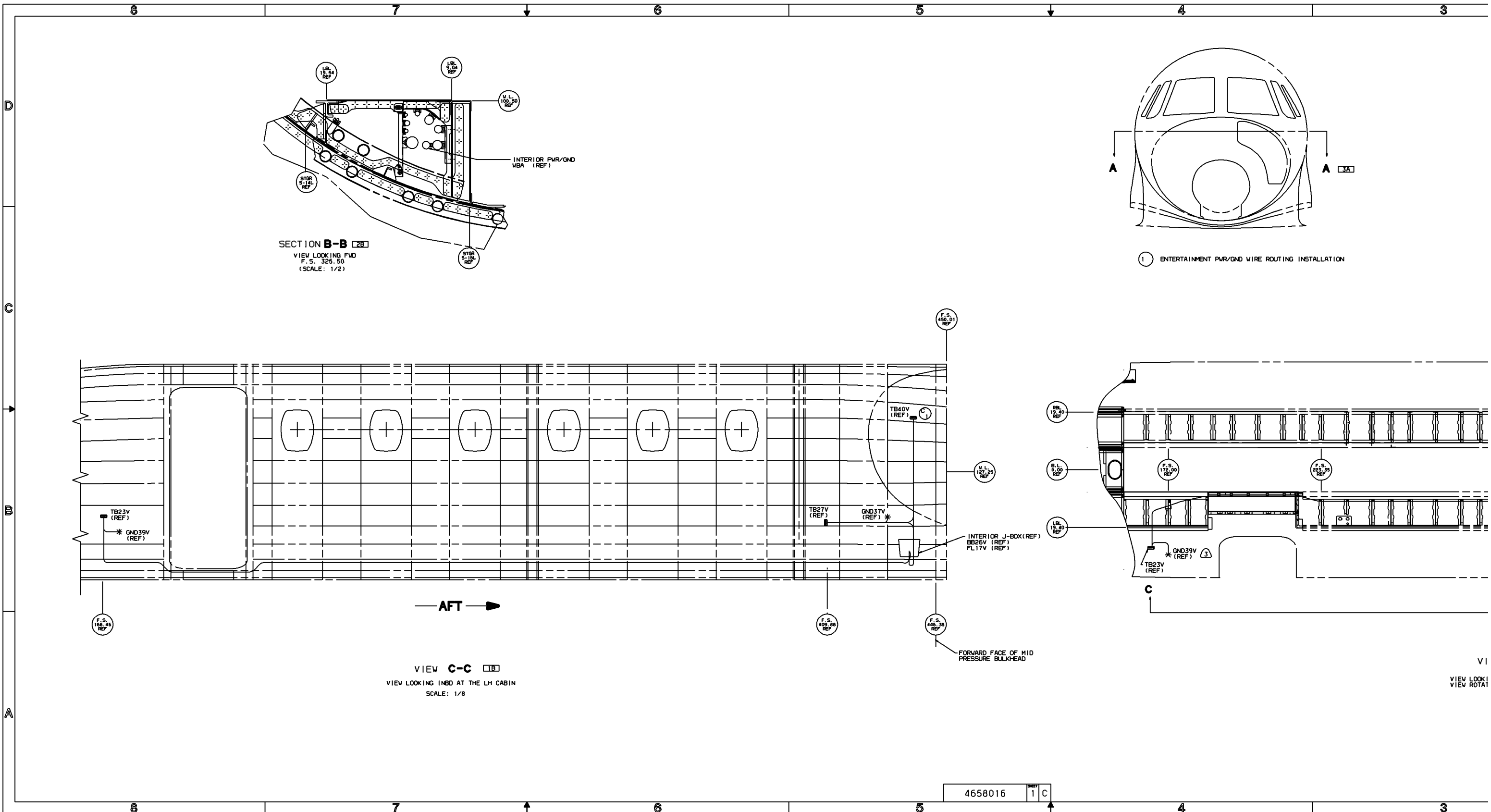
SHIPSIDE WIRE ROUTING INSTL

4658027

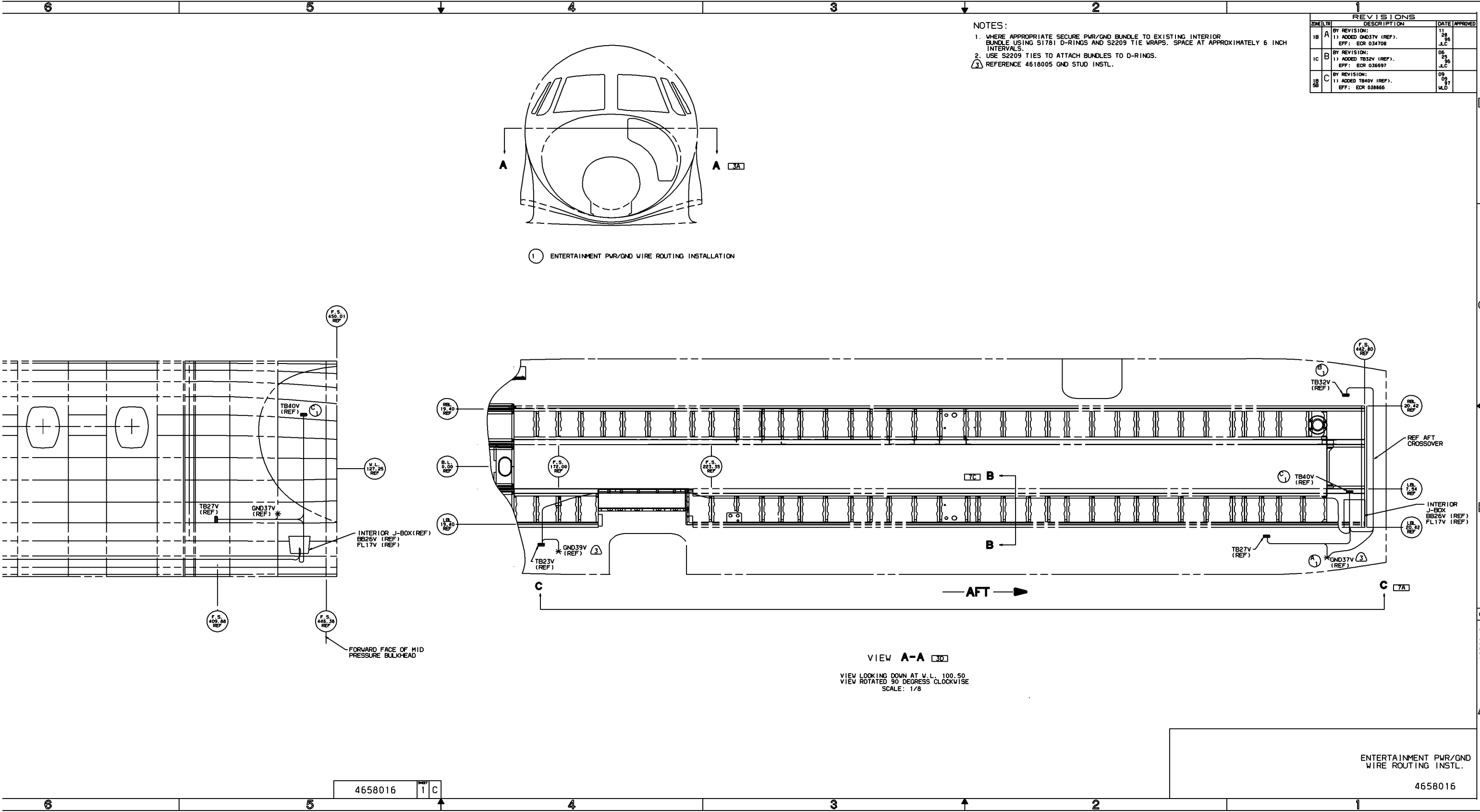
CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG



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INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

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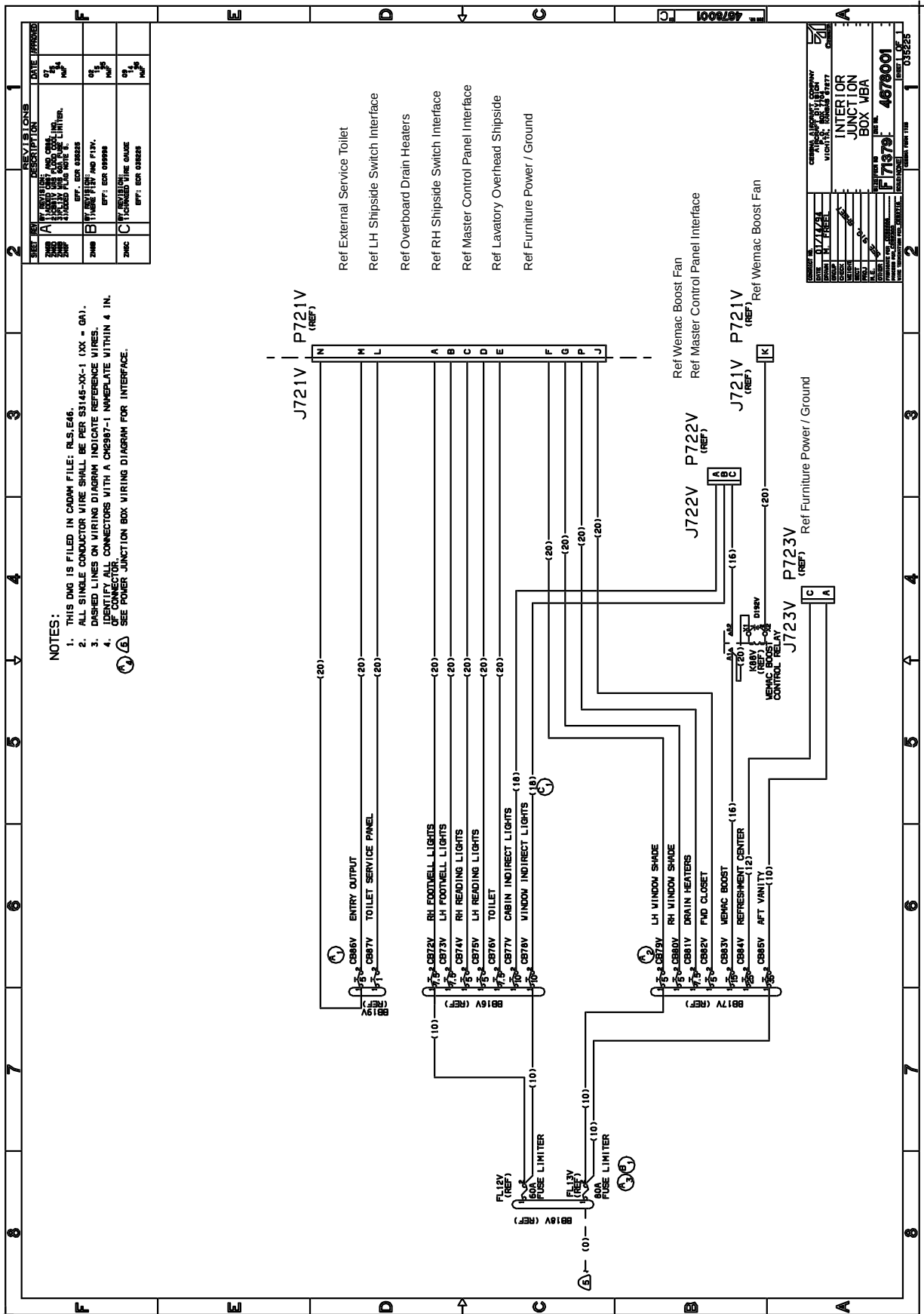
CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
	4688001-9	INTERIOR J-BOX MOD WBA	
BB21V	4688001-4	BUS BAR	
BB26V	4688001-8	BUS BAR	
FL15V	ANL50	FUSE LIMITER	71400
FL16V	ANL80	FUSE	71400
FL17V	ANL50	FUSE LIMITER	71400

NOTE: Parts not available as complete installations

MODEL 750

INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG



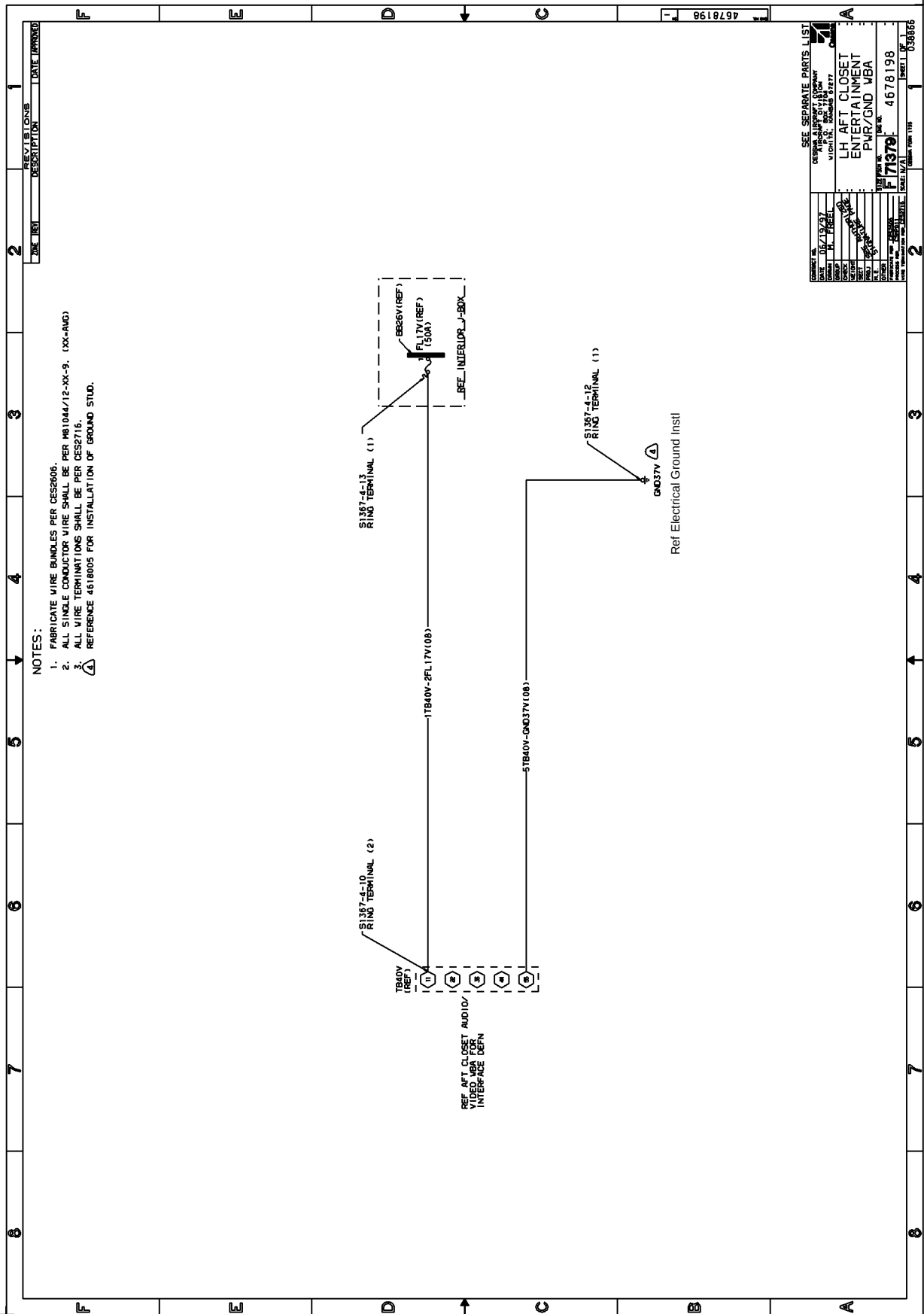
CESSNA AIRCRAFT COMPANY
MODEL 750
 INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
	4678001-1	INTERIOR J-BOX WBA	
CB72V	S2899-7.5	CIRCUIT BREAKER	
CB73V	S2899-7.5	CIRCUIT BREAKER	
CB74V	S2899-5.0	CIRCUIT BREAKER	
CB75V	S2899-5.0	CIRCUIT BREAKER	
CB76V	S2899-7.5	CIRCUIT BREAKER	
CB77V	S2899-10.0	CIRCUIT BREAKER	
CB78V	S2899-10.0	CIRCUIT BREAKER	
CB79V	S2899-5.0	CIRCUIT BREAKER	
CB80V	S2899-5.0	CIRCUIT BREAKER	
CB81V	S2899-7.5	CIRCUIT BREAKER	
CB82V	S2899-5.0	CIRCUIT BREAKER	
CB83V	S2899-15.0	CIRCUIT BREAKER	
CB84V	7271-19-25	CIRCUIT BREAKER	82647
CB85V	7271-8-35	CIRCUIT BREAKER	82647
CB86V	S2899-5.0	CIRCUIT BREAKER	
CB87V	S2899-1.0	CIRCUIT BREAKER	
D192V	1N4006	DIODE	07688
J721V	MS27513E14A18S	CONNECTOR	
J722V	MS27513E16A8S	CONNECTOR	
J723V	MS3102R20-14S	CONNECTOR	

NOTE: Parts not available as complete installations

MODEL 750

INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG



CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

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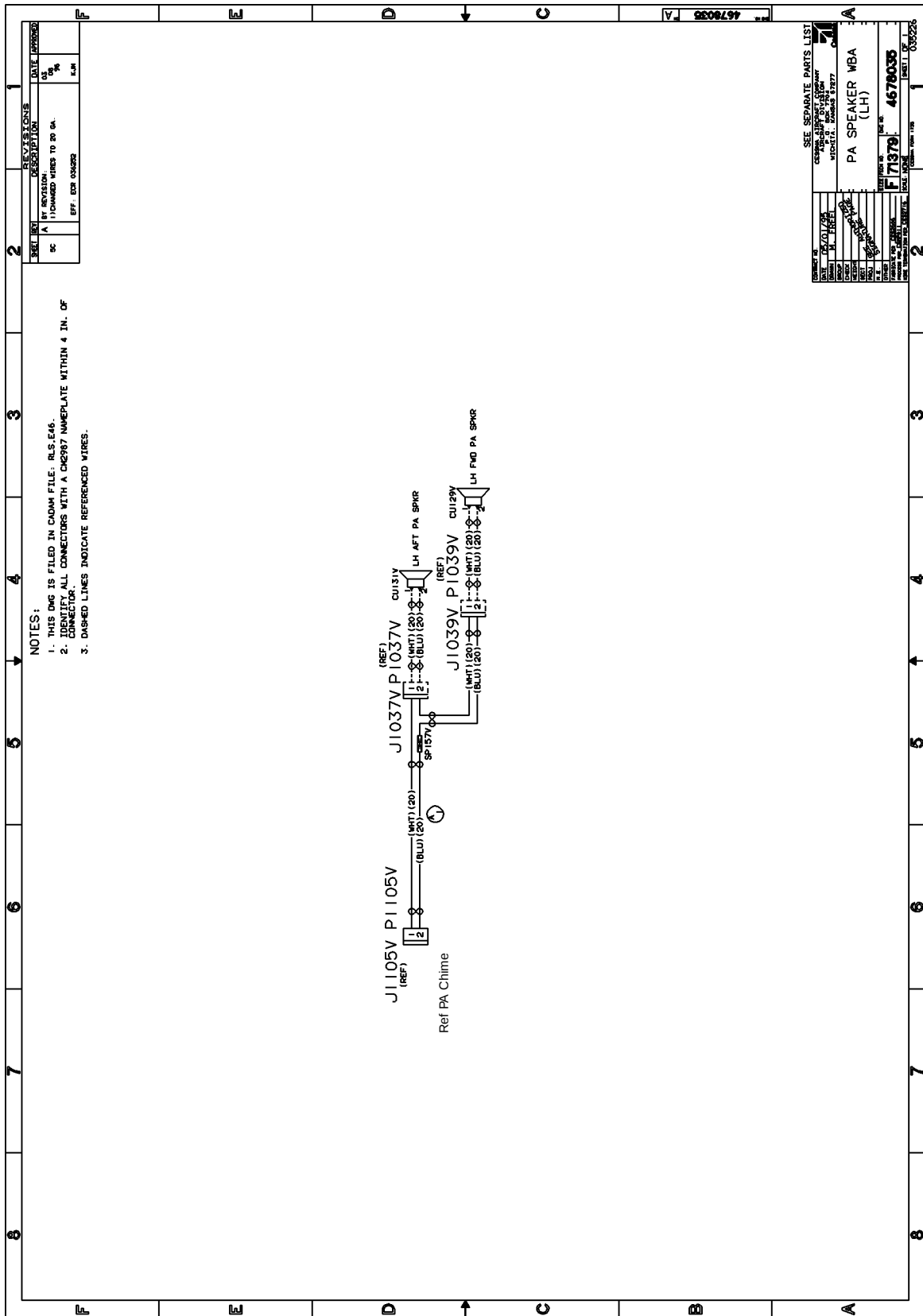
CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
J1036V	4678034-1	RH PA SPEAKER WBA	
J1036V	1-480698-0	PLUG	00779
J1036V	350689-1	SOCKET	00779
J1038V	1-480698-0	PLUG	00779
J1038V	350689-1	SOCKET	00779
P1104V	S2216-3	PIN	
P1104V	03-06-2023	CONNECTOR	27264
SP156V	M81824/1-2	SPLICE	

NOTE: Parts not available as complete installations

MODEL 750

INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG



CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
J1037V	4678035-1	LH PA SPEAKER WBA	
J1037V	1-480698-0	PLUG	00779
J1037V	350689-1	SOCKET	00779
J1039V	1-480698-0	PLUG	00779
J1039V	350689-1	SOCKET	00779
P1105V	S2216-3	PIN	
P1105V	03-06-2023	CONNECTOR	27264
SP157V	M81824/1-2	SPLICE	

NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
MODEL 750
 INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
	4678060-1	RH CABIN PSU LIGHTING	
D194V	6208031-113	3 AMP DIODE ASSY	
D195V	6208031-113	3 AMP DIODE ASSY	
J1318V	207377-1	CONNECTOR	00779
J1318V	66101-1	SOCKET	00779
J1318V	66105-1	SOCKET	00779
J1610V	S2216-4	SOCKET	
J1610V	03-06-1023	RECEPTACLE	27264
J742V	31019	PIN	59579
J742V	31028	3/4 X 3/16 SHRINK TUBING	59579
J742V	61206	CONNECTOR	59579
J744V	31019	PIN	59579
J744V	31028	3/4 X 3/16 SHRINK TUBING	59579
J744V	61206	CONNECTOR	59579
J746V	31019	PIN	59579
J746V	31028	3/4 X 3/16 SHRINK TUBING	59579
J746V	61206	CONNECTOR	59579
J748V	31019	PIN	59579
J748V	31028	3/4 X 3/16 SHRINK TUBING	59579
J748V	61206	CONNECTOR	59579
J750V	31019	PIN	59579
J750V	31028	3/4 X 3/16 SHRINK TUBING	59579
J750V	61206	CONNECTOR	59579
J752V	31019	PIN	59579
J752V	31028	3/4 X 3/16 SHRINK TUBING	59579
J752V	61206	CONNECTOR	59579
J778V	31019	PIN	59579
J778V	31028	3/4 X 3/16 SHRINK TUBING	59579
J778V	61206	CONNECTOR	59579
J780V	31019	PIN	59579
J780V	31028	3/4 X 3/16 SHRINK TUBING	59579
J780V	61206	CONNECTOR	59579
J782V	31019	PIN	59579
J782V	31028	3/4 X 3/16 SHRINK TUBING	59579
J782V	61206	CONNECTOR	59579
J784V	31019	PIN	59579
J784V	31028	3/4 X 3/16 SHRINK TUBING	59579
J784V	61206	CONNECTOR	59579
J786V	31019	PIN	59579
J786V	31028	3/4 X 3/16 SHRINK TUBING	59579
J786V	61206	CONNECTOR	59579

NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
MODEL 750
 INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
	4678060-1	RH CABIN PSU LIGHTING	
J788V	31019	PIN	59579
J788V	31028	3/4 X 3/16 SHRINK TUBING	59579
J788V	61206	CONNECTOR	59579
J828V	S2216-4	SOCKET	
J828V	03-06-1023	RECEPTACLE	27264
P1314V	207359-1	CONNECTOR	00779
P1314V	66103-1	PIN	00779
P1316V	1-480711-0	CAP	00779
P1316V	350690-1	PIN	00779
P1318V	207376-1	CONNECTOR	00779
P1318V	66099-1	PIN	00779
P1318V	66103-1	PIN	00779
P1610V	S2216-3	PIN	
P1610V	03-06-2023	CONNECTOR	27264
P754V	AL5113	CONNECTOR	59579
P756V	AL5113	CONNECTOR	59579
P758V	AL5113	CONNECTOR	59579
P760V	AL5113	CONNECTOR	59579
P762V	AL5113	CONNECTOR	59579
P764V	AL5113	CONNECTOR	59579
P766V	AL5113	CONNECTOR	59579
P768V	AL5113	CONNECTOR	59579
P770V	AL5113	CONNECTOR	59579
P772V	AL5113	CONNECTOR	59579
P774V	AL5113	CONNECTOR	59579
P776V	AL5113	CONNECTOR	59579
P790V	AL5113	CONNECTOR	59579
P792V	AL5113	CONNECTOR	59579
P794V	AL5113	CONNECTOR	59579
P796V	AL5113	CONNECTOR	59579
P798V	AL5113	CONNECTOR	59579
P800V	AL5113	CONNECTOR	59579
P802V	AL5113	CONNECTOR	59579
P804V	AL5113	CONNECTOR	59579
P806V	AL5113	CONNECTOR	59579
P808V	AL5113	CONNECTOR	59579
P810V	AL5113	CONNECTOR	59579
P812V	AL5113	CONNECTOR	59579

NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
MODEL 750
 INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
	4678061-1	LH CABIN PSU LIGHTING	
D193V	6208031-113	3 AMP DIODE ASSY	
J741V	31019	PIN	59579
J741V	31028	3/4 X 3/16 SHRINK TUBING	59579
J741V	61206	CONNECTOR	59579
J743V	31019	PIN	59579
J743V	31028	3/4 X 3/16 SHRINK TUBING	59579
J743V	61206	CONNECTOR	59579
J745V	31019	PIN	59579
J745V	31028	3/4 X 3/16 SHRINK TUBING	59579
J745V	61206	CONNECTOR	59579
J747V	31019	PIN	59579
J747V	31028	3/4 X 3/16 SHRINK TUBING	59579
J747V	61206	CONNECTOR	59579
J749V	31019	PIN	59579
J749V	31028	3/4 X 3/16 SHRINK TUBING	59579
J749V	61206	CONNECTOR	59579
J751V	31019	PIN	59579
J751V	31028	3/4 X 3/16 SHRINK TUBING	59579
J751V	61206	CONNECTOR	59579
J777V	31019	PIN	59579
J777V	31028	3/4 X 3/16 SHRINK TUBING	59579
J777V	61206	CONNECTOR	59579
J779V	31019	PIN	59579
J779V	31028	3/4 X 3/16 SHRINK TUBING	59579
J779V	61206	CONNECTOR	59579
J781V	31019	PIN	59579
J781V	31028	3/4 X 3/16 SHRINK TUBING	59579
J781V	61206	CONNECTOR	59579
J783V	31019	PIN	59579
J783V	31028	3/4 X 3/16 SHRINK TUBING	59579
J783V	61206	CONNECTOR	59579
J785V	31019	PIN	59579
J785V	31028	3/4 X 3/16 SHRINK TUBING	59579
J785V	61206	CONNECTOR	59579
J787V	31019	PIN	59579
J787V	31028	3/4 X 3/16 SHRINK TUBING	59579
J787V	61206	CONNECTOR	59579
J827V	S2216-4	SOCKET	
J827V	03-06-1023	RECEPTACLE	27264

NOTE: Parts not available as complete installations

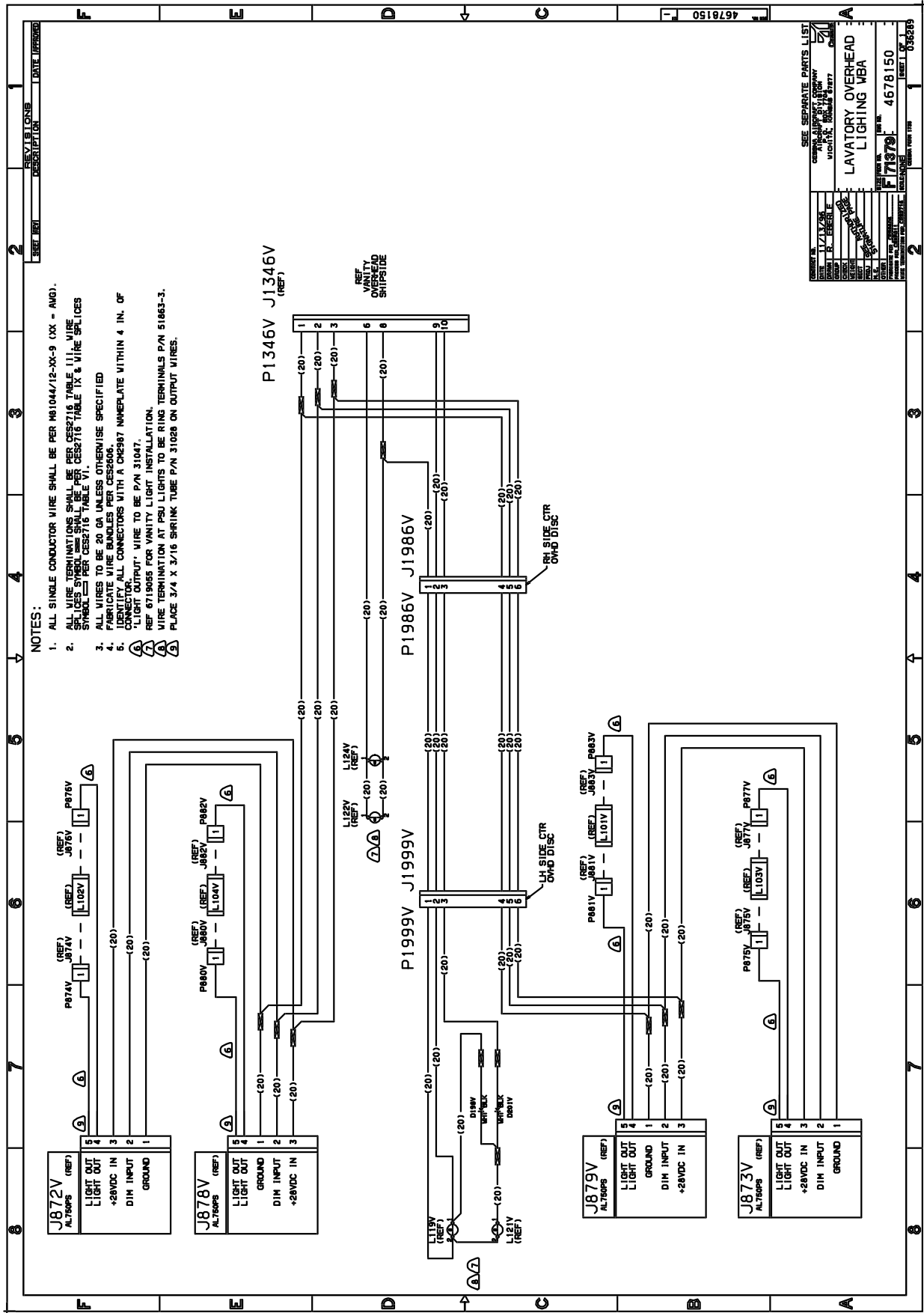
CESSNA AIRCRAFT COMPANY
MODEL 750
 INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
	4678061-1	LH CABIN PSU LIGHTING	
J1319V	207377-1	CONNECTOR	00779
J1319V	66101-1	SOCKET	00779
J1319V	66105-1	SOCKET	00779
J1321V	S2216-4	SOCKET	
J1321V	03-06-1032	CONNECTOR	27264
P753V	AL5113	CONNECTOR	59579
P755V	AL5113	CONNECTOR	59579
P757V	AL5113	CONNECTOR	59579
P759V	AL5113	CONNECTOR	59579
P761V	AL5113	CONNECTOR	59579
P763V	AL5113	CONNECTOR	59579
P765V	AL5113	CONNECTOR	59579
P767V	AL5113	CONNECTOR	59579
P769V	AL5113	CONNECTOR	59579
P771V	AL5113	CONNECTOR	59579
P773V	AL5113	CONNECTOR	59579
P775V	AL5113	CONNECTOR	59579
P789V	AL5113	CONNECTOR	59579
P791V	AL5113	CONNECTOR	59579
P793V	AL5113	CONNECTOR	59579
P795V	AL5113	CONNECTOR	59579
P797V	AL5113	CONNECTOR	59579
P799V	AL5113	CONNECTOR	59579
P801V	AL5113	CONNECTOR	59579
P803V	AL5113	CONNECTOR	59579
P805V	AL5113	CONNECTOR	59579
P807V	AL5113	CONNECTOR	59579
P809V	AL5113	CONNECTOR	59579
P811V	AL5113	CONNECTOR	59579
P1315V	207359-1	CONNECTOR	00779
P1315V	66103-1	PIN	00779
P1317V	1-480711-0	CAP	00779
P1317V	350690-1	PIN	00779
P1319V	207376-1	CONNECTOR	00779
P1319V	66099-1	PIN	00779
P1319V	66103-1	PIN	00779
P1321V	S2216-3	PIN	
P1321V	03-06-2032	PLUG	27264

NOTE: Parts not available as complete installations

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INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG



CESSNA AIRCRAFT COMPANY
MODEL 750
 INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
	4678150-1	LAVATORY OVERHEAD LIGHTING	
D198V	S3106-3	DIODE ASSY	
D201V	S3106-3	DIODE ASSY	
J1986V	207377-1	CONNECTOR	00779
J1986V	66105-1	SOCKET	00779
J1999V	207377-1	CONNECTOR	00779
J1999V	66105-1	SOCKET	00779
J872V	31019	PIN	59579
J872V	31028	3/4 X 3/16 SHRINK TUBING	59579
J872V	61206	CONNECTOR	59579
J873V	31019	PIN	59579
J873V	31028	3/4 X 3/16 SHRINK TUBING	59579
J873V	61206	CONNECTOR	59579
J878V	31019	PIN	59579
J878V	31028	3/4 X 3/16 SHRINK TUBING	59579
J878V	61206	CONNECTOR	59579
J879V	31019	PIN	59579
J879V	31028	3/4 X 3/16 SHRINK TUBING	59579
J879V	61206	CONNECTOR	59579
P1346V	S2353-3	PIN	
P1346V	207397-1	RECEPTACLE	00779
P1986V	S2353-3	PIN	
P1986V	207376-1	CONNECTOR	00779
P1999V	S2353-3	PIN	
P1999V	207376-1	CONNECTOR	00779
P874V	AL5113	CONNECTOR	59579
P875V	AL5113	CONNECTOR	59579
P876V	AL5113	CONNECTOR	59579
P877V	AL5113	CONNECTOR	59579
P880V	AL5113	CONNECTOR	59579
P881V	AL5113	CONNECTOR	59579
P882V	AL5113	CONNECTOR	59579
P883V	AL5113	CONNECTOR	59579

NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
MODEL 750
 INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
J1011V	4678180-1	EXT SERVICE TOILET WBA	
J1011V	S2099-6	CONTACT	
J1011V	207377-1	CONNECTOR	00779
J1016V	MS3476L12-3S	CONNECTOR	
J1016V	S3074-12	STRAIN RELIEF	
J1062V	S2216-4	SOCKET	
J1062V	03-06-1023	RECEPTACLE	27264
J1102V	S2099-6	CONTACT	
J1102V	207360-1	CONNECTOR	00779
J2026V	S2216-4	SOCKET	
J2026V	03-06-1032	CONNECTOR	27264
P1010V	M83723-75R1407-6	CONNECTOR	
P1010V	M85049/53-14W	BACKSHELL	
P1012V	1-480703-0	CAP	00779
P1012V	350690-1	PIN	00779
P1021V	S2353-3	PIN	
P1021V	207440-1	CONNECTOR	00779
P1102V	S2353-3	PIN	
P1102V	207359-1	CONNECTOR	00779

NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
J1013V	4678027-2	OVERBOARD DRAIN HEATERS WBA	
J1013V	MS3476L8-98S	CONNECTOR	
J1013V	S3074-8	STRAIN RELIEF	
SP128V	DME-20	SPLICE	0A744
SP129V	DME-20	SPLICE	0A744
SP256V	DME-20	SPLICE	0A744
SP257V	DME-20	SPLICE	0A744

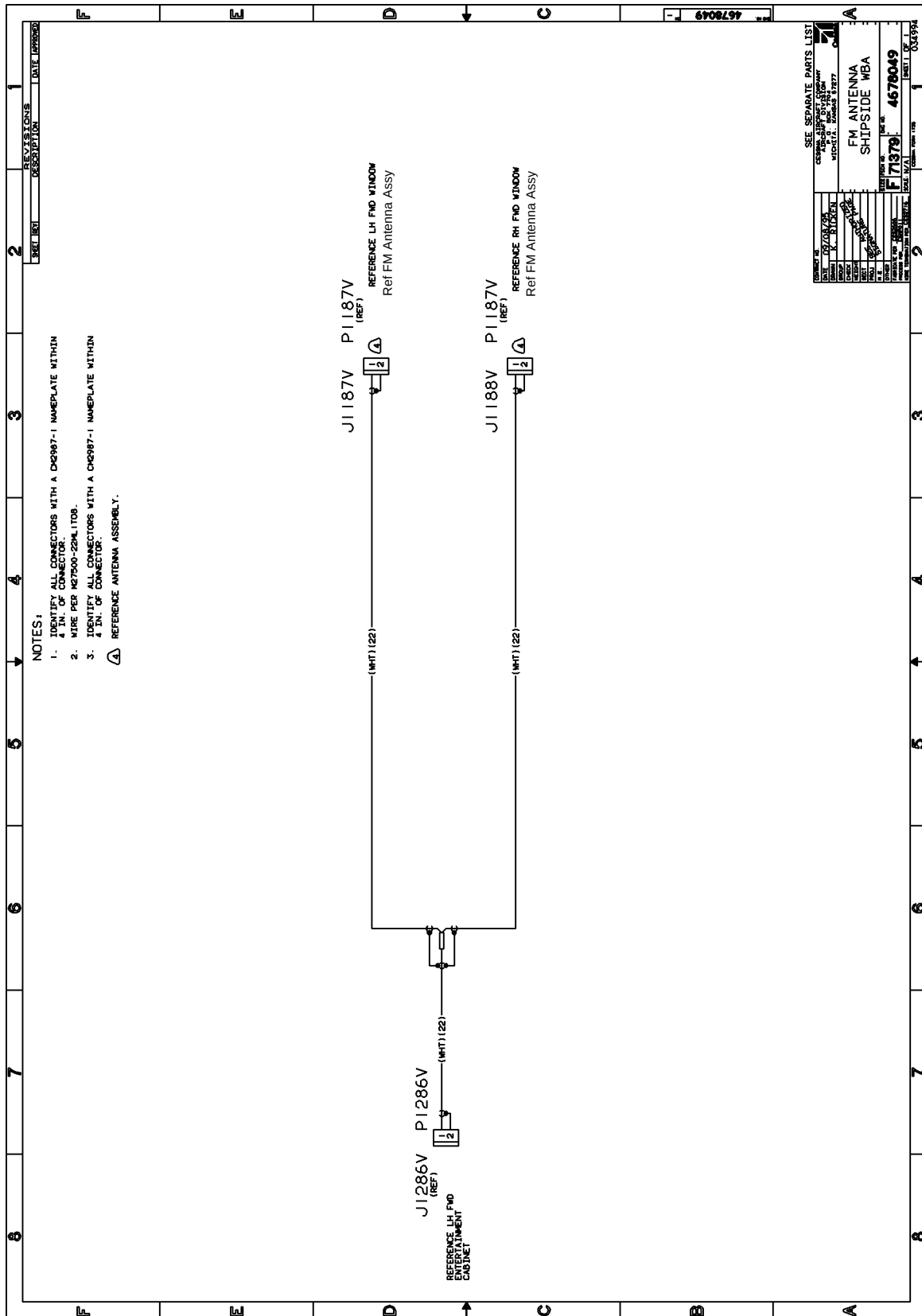
NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
SP132V	4678028-1	WEMAC BOOST FAN WBA	
SP133V	DME-16	SPLICE	
	DME-20	SPLICE	

NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
MODEL 750
 INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG



CESSNA AIRCRAFT COMPANY
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INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
J1187V	4678049-1	FM ANTENNA SHIPSIDE WBA	
J1187V	S2216-4	SOCKET	
J1187V	03-06-1023	RECEPTACLE	27264
J1188V	S2216-4	SOCKET	
J1188V	03-06-1023	RECEPTACLE	27264
P1286V	S2216-3	PIN	
P1286V	03-06-2023	CONNECTOR	27264

NOTE: Parts not available as complete installations

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Ref Des.	Part Number	Description	Vendor
	4678054-1	PA/CHIME WBA	
D226V	S3106-4	DIODE ASSY	
D227V	S3106-4	DIODE ASSY	
J1104V	S2216-4	SOCKET	
J1104V	03-06-1023	RECEPTACLE	27264
J1105V	S2216-4	SOCKET	
J1105V	03-06-1023	RECEPTACLE	27264
PC512	MS27473E14F35P	PLUG	
PC512	S3075-14	STRAIN RELIEF	
P1040V	DDMA50S	CONNECTOR	71468
P1040V	DD20964	SHELL	71468
P1040V	D20420-12	LOCK	71468
P1046V	207376-1	CONNECTOR	00779
P1046V	66103-1	PIN	00779

NOTE: Parts not available as complete installations

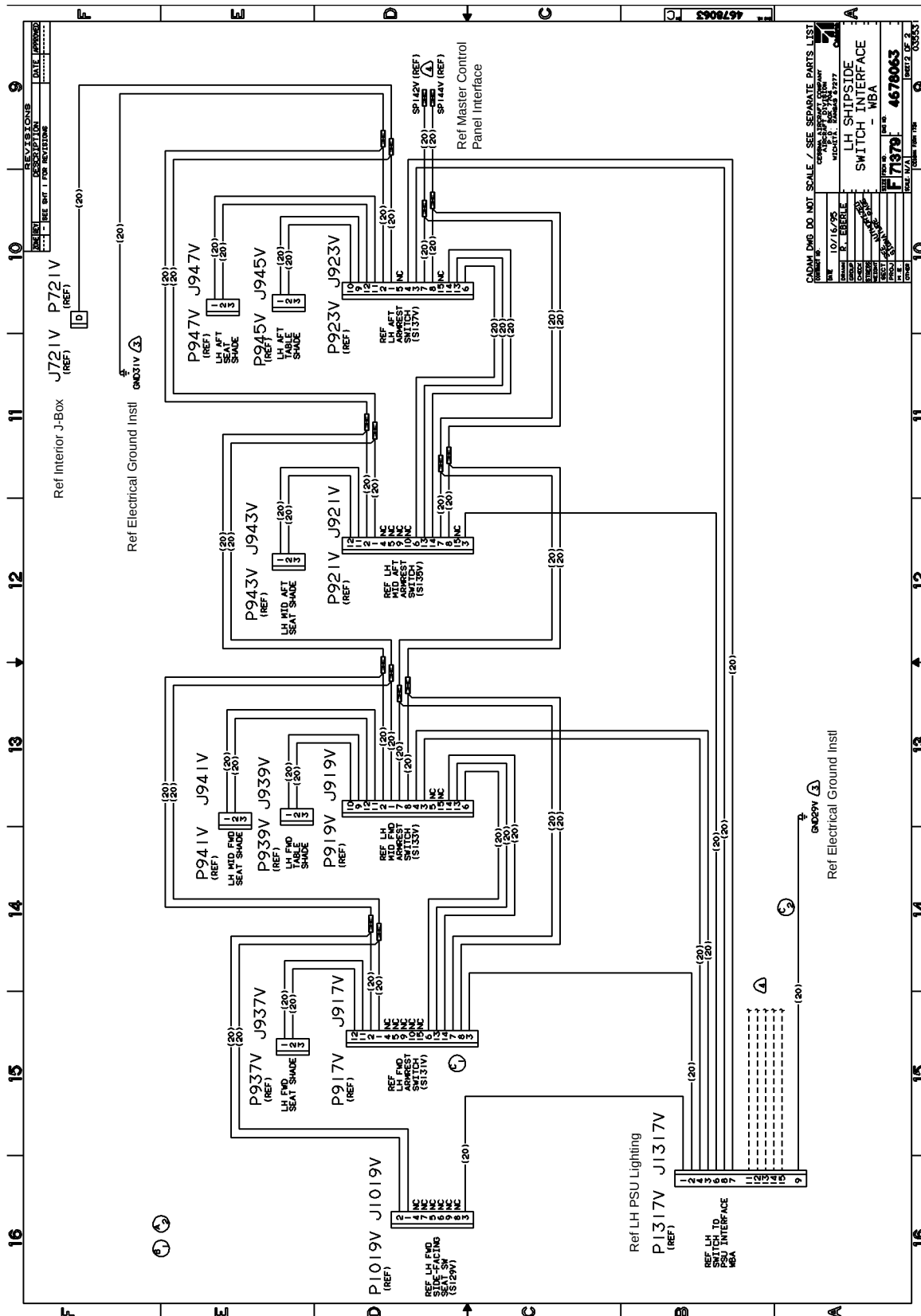
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Ref Des.	Part Number	Description	Vendor
	4678063-1	LH SHIPSIDE SWITCH INTERFACE	
J1019V	DEMA9S	CONNECTOR	71468
J1019V	DE44994	SHELL, JUNCTION	71468
J1019V	D20418-2	SCREW	71468
J1317V	1-480710-0	PLUG	00779
J1317V	350689-1	SOCKET	00779
J917V	DAMA15S	CONNECTOR	71468
J917V	D20418-2	SCREW	71468
J917V	S2492-1	CLAMP	
J919V	DAMA15S	CONNECTOR	71468
J919V	D20418-2	SCREW	71468
J919V	S2492-1	CLAMP	
J921V	DAMA15S	CONNECTOR	71468
J921V	D20418-2	SCREW	71468
J921V	S2492-1	CLAMP	
J923V	DAMA15S	CONNECTOR	71468
J923V	D20418-2	SCREW	71468
J923V	S2492-1	CLAMP	
J925V	S2216-4	SOCKET	
J925V	03-06-1023	RECEPTACLE	27264
J927V	S2216-4	SOCKET	
J927V	03-06-1023	RECEPTACLE	27264
J929V	S2216-4	SOCKET	
J929V	03-06-1023	RECEPTACLE	27264
J931V	S2216-4	SOCKET	
J931V	03-06-1023	RECEPTACLE	27264
J937V	S2216-4	SOCKET	
J937V	03-06-1032	CONNECTOR	27264
J939V	S2216-4	SOCKET	
J939V	03-06-1032	CONNECTOR	27264
J941V	S2216-4	SOCKET	
J941V	03-06-1032	CONNECTOR	27264
J943V	S2216-4	SOCKET	
J943V	03-06-1032	CONNECTOR	27264
J945V	S2216-4	SOCKET	
J945V	03-06-1032	CONNECTOR	27264
J947V	S2216-4	SOCKET	
J947V	03-06-1032	CONNECTOR	27264
P721V	MS27473T14A18P	CONNECTOR	
P721V	S3075-14	STRAIN RELIEF	

NOTE: Parts not available as complete installations

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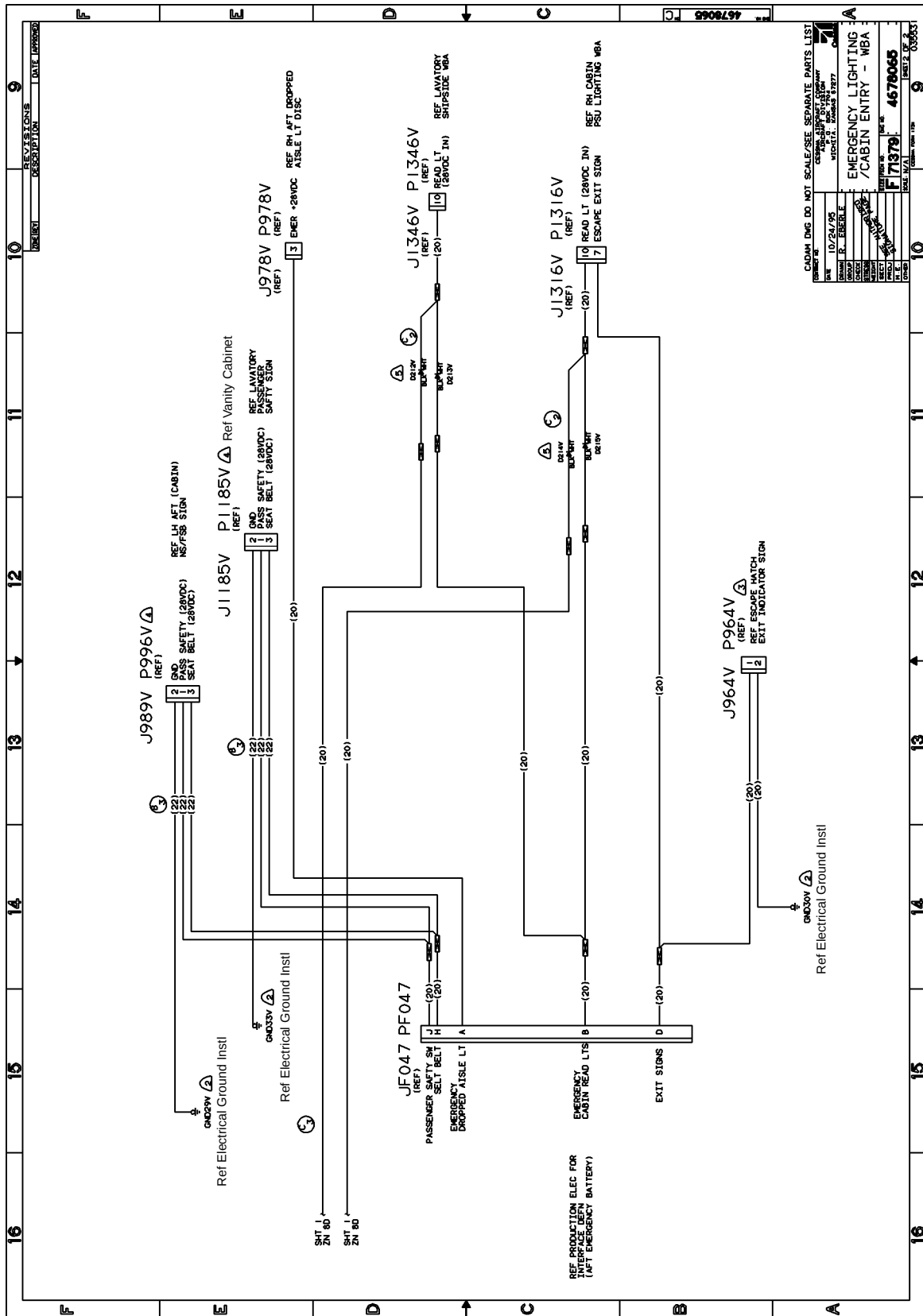
Ref Des.	Part Number	Description	Vendor
	4678062-1	RH SHIPSIDE SWITCH INTERFACE	
J1316V	1-480710-0	PLUG	00779
J1316V	350689-1	SOCKET	00779
J916V	DAMA15S	CONNECTOR	71468
J916V	D20418-2	SCREW	71468
J916V	S2492-1	CLAMP	
J918V	DAMA15S	CONNECTOR	71468
J918V	D20418-2	SCREW	71468
J918V	S2492-1	CLAMP	
J920V	DAMA15S	CONNECTOR	71468
J920V	D20418-2	SCREW	71468
J920V	S2492-1	CLAMP	
J922V	DAMA15S	CONNECTOR	71468
J922V	D20418-2	SCREW	71468
J922V	S2492-1	CLAMP	
J924V	DAMA15S	CONNECTOR	71468
J924V	D20418-2	SCREW	71468
J924V	S2492-1	CLAMP	
J926V	S2216-4	SOCKET	
J926V	03-06-1023	RECEPTACLE	27264
J928V	S2216-4	SOCKET	
J928V	03-06-1023	RECEPTACLE	27264
J930V	S2216-4	SOCKET	
J930V	03-06-1023	RECEPTACLE	27264
J932V	S2216-4	SOCKET	
J932V	03-06-1023	RECEPTACLE	27264
J934V	S2216-4	SOCKET	
J934V	03-06-1023	RECEPTACLE	27264
J938V	S2216-4	SOCKET	
J938V	03-06-1032	CONNECTOR	27264
J940V	S2216-4	SOCKET	
J940V	03-06-1032	CONNECTOR	27264
J942V	S2216-4	SOCKET	
J942V	03-06-1032	CONNECTOR	27264
J944V	S2216-4	SOCKET	
J944V	03-06-1032	CONNECTOR	27264
J946V	S2216-4	SOCKET	
J946V	03-06-1032	CONNECTOR	27264
J948V	S2216-4	SOCKET	
J948V	03-06-1032	CONNECTOR	27264
J950V	S2216-4	SOCKET	
J950V	03-06-1032	CONNECTOR	27264

NOTE: Parts not available as complete installations

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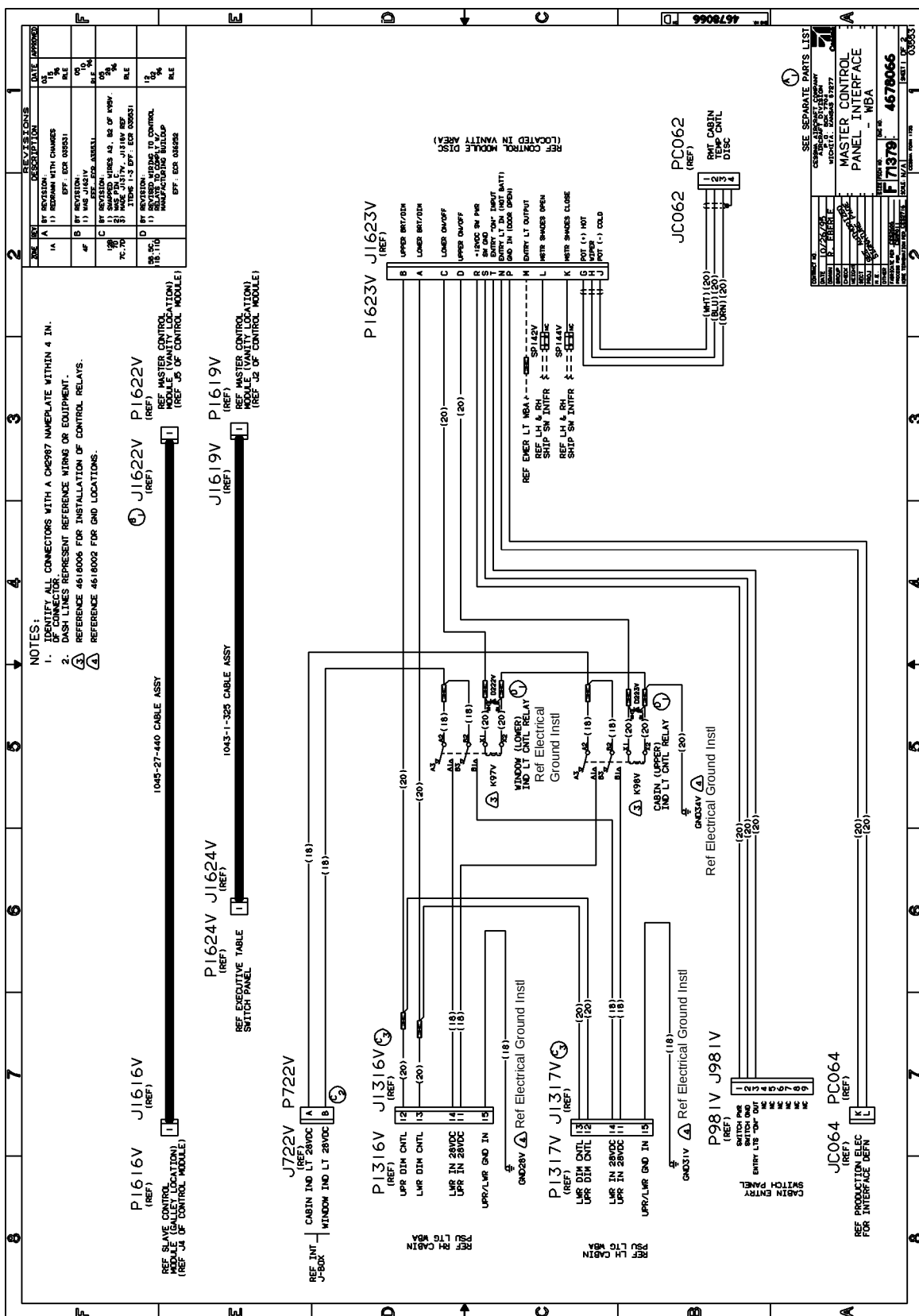
Ref Des.	Part Number	Description	Vendor
	4678065-1	EMER LIGHTING / CABIN ENTRY WBA	
D208V	6208031-111	DIODE ASSY	
D209V	6208031-111	DIODE ASSY	
D210V	6208031-111	DIODE ASSY	
D211V	6208031-111	DIODE ASSY	
D212V	6208031-111	DIODE ASSY	
D213V	6208031-111	DIODE ASSY	
D214V	6208031-111	DIODE ASSY	
D215V	6208031-111	DIODE ASSY	
J1185V	75018-106S	CONNECTOR	11139
J1314V	207360-1	CONNECTOR	00779
J1314V	66105-1	SOCKET	00779
J1315V	207360-1	CONNECTOR	00779
J1315V	66105-1	SOCKET	00779
J964V	S2216-4	SOCKET	
J964V	03-06-1023	RECEPTACLE	27264
J987V	75018-106S	CONNECTOR	11139
J989V	75018-106S	CONNECTOR	11139
J991V	S2216-4	SOCKET	
J991V	03-06-1023	RECEPTACLE	27264
J993V	S2216-4	SOCKET	
J993V	03-06-1023	RECEPTACLE	27264
J995V	S2216-4	SOCKET	
J995V	03-06-1023	RECEPTACLE	27264
J996V	75018-106S	CONNECTOR	11139
J997V	S2216-4	SOCKET	
J997V	03-06-1023	RECEPTACLE	27264
PC064	MS27473E14F18P	PLUG	
PC064	S3075-14-90	STRAIN RELIEF	
PF047	MS27473E14F97P	CONNECTOR	
PF047	S3075-14	STRAIN RELIEF	

NOTE: Parts not available as complete installations

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Ref Des.	Part Number	Description	Vendor
	4678066-1	MASTER CONTROL PANEL INTERFACE	
D217V	1N4006	DIODE ASSY	
D218V	1N4006	DIODE ASSY	
D222V	1N4006	DIODE ASSY	
D223V	1N4006	DIODE ASSY	
JC062	1-480703-0	CAP	00779
JC062	350690-1	PIN	00779
J1000V	S2216-4	SOCKET	
J1000V	03-06-1023	RECEPTACLE	27264
J815V	MS3476L10-6S	CONNECTOR	
J933V	S2216-4	SOCKET	
J933V	03-06-1032	CONNECTOR	27264
J969V	S2216-4	SOCKET	
J969V	03-06-1032	CONNECTOR	27264
J971V	S2216-4	SOCKET	
J971V	03-06-1023	RECEPTACLE	27264
J974V	S2216-4	SOCKET	
J974V	03-06-1023	RECEPTACLE	27264
J976V	S2216-4	SOCKET	
J976V	03-06-1023	RECEPTACLE	27264
J977V	S2216-4	SOCKET	
J977V	03-06-1023	RECEPTACLE	27264
J978V	S2216-4	SOCKET	
J978V	03-06-1032	CONNECTOR	27264
J980V	S2216-4	SOCKET	
J980V	03-06-1032	CONNECTOR	27264
J981V	DEMA9S	CONNECTOR	71468
J981V	DE44994	SHELL, JUNCTION	71468
J981V	D20418-2	SCREW	71468
K94V	MS27401-14	RELAY, 10AMP	
K94V	451116-141	RELAY SOCKET	03743
K95V	MS27401-14	RELAY, 10AMP	
K95V	451116-141	RELAY SOCKET	03743
K97V	MS27401-14	RELAY, 10AMP	
K97V	451116-141	RELAY SOCKET	03743
K98V	MS27401-14	RELAY, 10AMP	
K98V	451116-141	RELAY SOCKET	03743
P1623V	MS3476L16-26P	CONNECTOR	
P1623V	S3074-16	STRAIN RELIEF	
P722V	MS27473T16A8P	CONNECTOR	
P722V	S3075-16	STRAIN RELIEF	
SP142V	CTM20	SPLICE	11139
SP144V	CTM20	SPLICE	11139

NOTE: Parts not available as complete installations

NOTES:

- IDENTIFY ALL CONNECTORS WITH A DOWEL NAIL PLATE WITHIN 4 IN. OF CONNECTOR.
- REFERENCE 4618002 FOR GROUND STUD INSTALLATION.

The diagram illustrates the electrical wiring for the Lavatory Overhead WBA. It shows the following components and their connections:

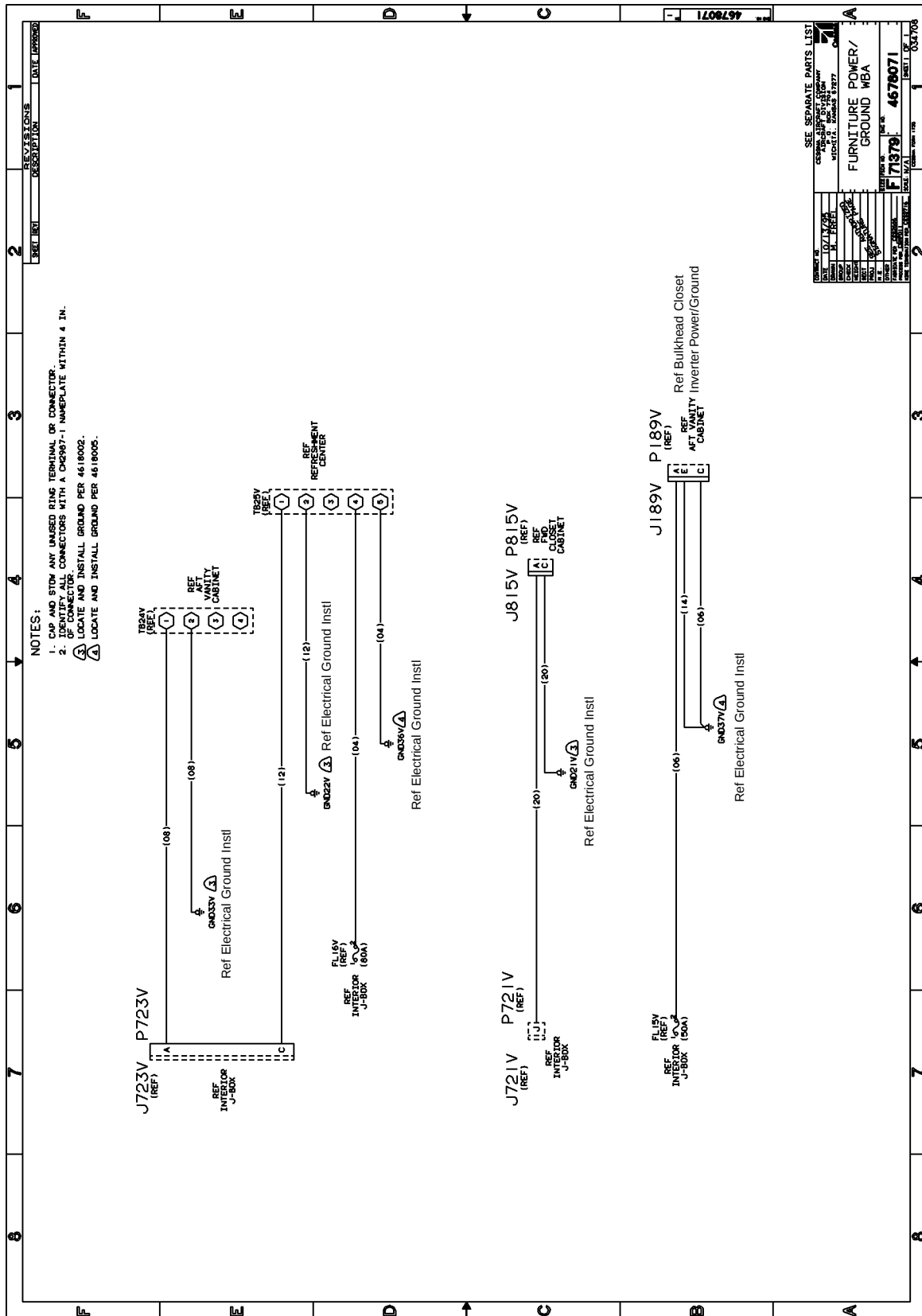
- P1346V J1346V (REF):** Lavatory Overhead Disconnect. Terminals include:
 - 1: RV READ LIGHT IN
 - 2: GROUND IN
 - 3: GROUND IN
 - 4: RV READ LIGHT IN
 - 5: RV READ LIGHT IN
 - 6: EMERGENCY IN
 - 7: GROUND IN
 - 8: GROUND IN
 - 9: GROUND IN
 - 10: GROUND IN
- J721V P721V (REF):** REF RH SHIPSIDE SW INTERFACE WBA. Connected to P1346V terminal 1.
- J966V P966V (REF):** REF SEAT SWITCH PANEL. Terminals include:
 - 1: +BATT IN
 - 2: LT OUTPUT
 - 3: GND IN
 - 4: GND IN
 - 5: GND IN
 - 6: GND IN
 - 7: GND IN
 - 8: GND IN
 - 9: GND IN
 - 10: GND IN
- P965V J965V (REF):** Terminals include:
 - 1: LT OUTPUT
 - 2: LT OUTPUT
 - 3: LT OUTPUT
 - 4: LT OUTPUT
 - 5: LT OUTPUT
 - 6: LT OUTPUT
 - 7: LT OUTPUT
 - 8: LT OUTPUT
 - 9: LT OUTPUT
 - 10: LT OUTPUT
- Other Connections:**
 - P1346V terminal 2 connects to J966V terminal 1.
 - P1346V terminal 3 connects to J966V terminal 2.
 - P1346V terminal 4 connects to J966V terminal 3.
 - P1346V terminal 5 connects to J966V terminal 4.
 - P1346V terminal 6 connects to J966V terminal 5.
 - P1346V terminal 7 connects to J966V terminal 6.
 - P1346V terminal 8 connects to J966V terminal 7.
 - P1346V terminal 9 connects to J966V terminal 8.
 - P1346V terminal 10 connects to J966V terminal 9.
 - J966V terminal 10 connects to P965V terminal 1.
 - P965V terminal 2 connects to J966V terminal 10.
 - P965V terminal 3 connects to J966V terminal 10.
 - P965V terminal 4 connects to J966V terminal 10.
 - P965V terminal 5 connects to J966V terminal 10.
 - P965V terminal 6 connects to J966V terminal 10.
 - P965V terminal 7 connects to J966V terminal 10.
 - P965V terminal 8 connects to J966V terminal 10.
 - P965V terminal 9 connects to J966V terminal 10.
 - P965V terminal 10 connects to J966V terminal 10.

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Ref Des.	Part Number	Description	Vendor
J966V	4678069-1	LAVATORY OVERHEAD SHIPSIDE WBA	
J966V	DEMA9S	CONNECTOR	71468
J966V	DE44994	SHELL, JUNCTION	71468
J966V	D20418-2	SCREW	71468
P965V	207377-1	CONNECTOR	00779
J1346V	207396-1	PLUG	00779
J1346V	66105-1	SOCKET	00779
P965V	66105-1	SOCKET	00779

NOTE: Parts not available as complete installations

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Ref Des.	Part Number	Description	Vendor
J189V	4678071-1	FURNITURE POWER / GROUND WBA	
J189V	MS3057-16A	CLAMP	
J189V	MS3106A24-12SW	CONNECTOR	
J189V	MS3420-16	BUSHING	
J815V	MS3154-10	BACKSHELL	
J815V	MS3476L10-6S	CONNECTOR	
P723V	MS3106F20-14P	CONNECTOR	

NOTE: Parts not available as complete installations

NOTES:

1. TWISTED PAIR CONDUCTOR PER M27500-(XX)M2300. (XX=ANG)
2. SUBSTITUTION OF CONNECTORS WITH A D29567-1 NAMEPLATE WITHIN 4 IN. OF CONNECTOR.

The diagram illustrates the wiring for the Entertainment System: Speaker Shipside WBA. It shows the following components and their connections:

- P1296V (REF)**: RH SUBWOOFER. Connected to P1297V (REF) LH SUBWOOFER.
- P1297V (REF)**: LH SUBWOOFER. Connected to P1296V (REF) RH SUBWOOFER.
- P1436V (REF)**: Reference for SEATS 2, 4. Connected to P1437V (REF) SEATS 5, 6.
- P1437V (REF)**: Reference for SEATS 5, 6. Connected to P1438V (REF) SEATS 7, 8.
- P1438V (REF)**: Reference for SEATS 7, 8. Connected to P1439V (REF) SEATS 9, 10.
- P1439V (REF)**: Reference for SEATS 9, 10. Connected to P1377V (REF).
- P1377V (REF)**: Connected to P1379V (REF).
- P1379V (REF)**: Connected to P1377V (REF).

Reference points for SEATS 2, 4, 6, 8, 10 and SPEAKERS (R, L, R+, L+, R-, L-) are indicated throughout the diagram.

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Ref Des.	Part Number	Description	Vendor
	4678074-1	ENTERTAINMENT SYS SPEAKER SHIPSIDE WBA	
J1296V	1-480699-0	RECEPTACLE	00779
J1296V	350550-1	SOCKET	00779
J1297V	1-480699-0	RECEPTACLE	00779
J1297V	350550-1	SOCKET	00779
J1436V	1-480702-0	CONNECTOR	00779
J1436V	350550-1	SOCKET	00779
J1437V	1-480702-0	CONNECTOR	00779
J1437V	350550-1	SOCKET	00779
J1438V	1-480702-0	CONNECTOR	00779
J1438V	350550-1	SOCKET	00779
J1439V	1-480702-0	CONNECTOR	00779
J1439V	350550-1	SOCKET	00779
P1377V	MS3416-14EN	BACKSHELL	
P1377V	MS3476L14-12S	CONNECTOR	

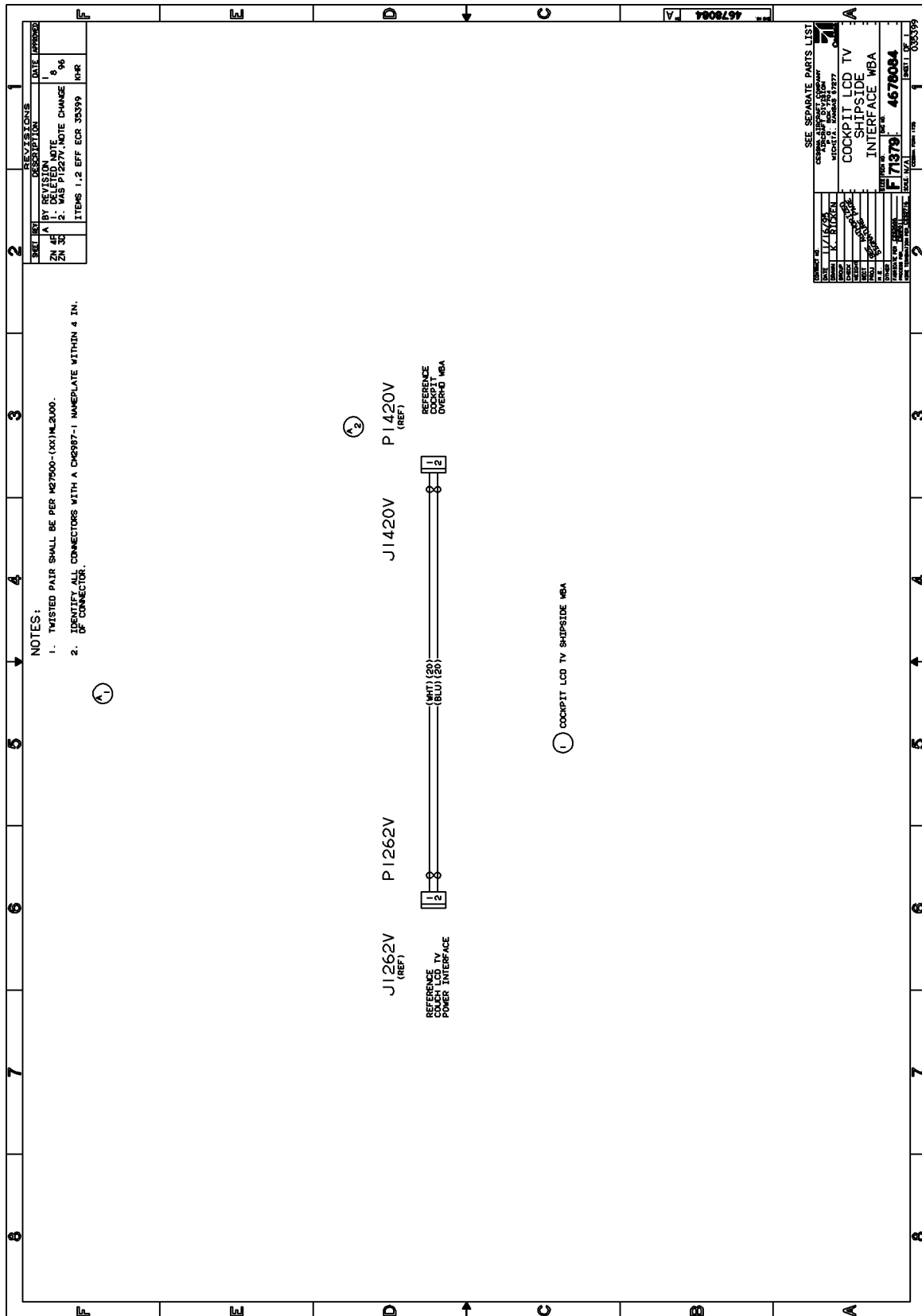
NOTE: Parts not available as complete installations

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Ref Des.	Part Number	Description	Vendor
	4678223-1	LCD TV POWER SHIPSIDE INTERFACE WBA	
J1262V	S2216-4	SOCKET	
J1262V	03-06-1032	CONNECTOR	27264
J1263V	S2216-4	SOCKET	
J1263V	03-06-1032	CONNECTOR	27264
J1264V	S2216-4	SOCKET	
J1264V	03-06-1032	CONNECTOR	27264
J1265V	S2216-4	SOCKET	
J1265V	03-06-1032	CONNECTOR	27264
J1266V	S2216-4	SOCKET	
J1266V	03-06-1032	CONNECTOR	27264
J1267V	S2216-4	SOCKET	
J1267V	03-06-1032	CONNECTOR	27264
J1268V	S2216-4	SOCKET	
J1268V	03-06-1032	CONNECTOR	27264
J1269V	S2216-4	SOCKET	
J1269V	03-06-1032	CONNECTOR	27264
J1270V	S2216-4	SOCKET	
J1270V	03-06-1032	CONNECTOR	27264
P2117V	S2353-6	PIN	
P2117V	207376-1	CONNECTOR	00779

NOTE: Parts not available as complete installations

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Ref Des.	Part Number	Description	Vendor
J1420V	4678084-1	COCKPIT LCD TV SHIPSIDE INTERFACE WBA	
J1420V	S2216-4	SOCKET	
J1420V	03-06-1032	CONNECTOR	27264
P1262V	S2216-3	PIN	
P1262V	03-06-2032	PLUG	27264

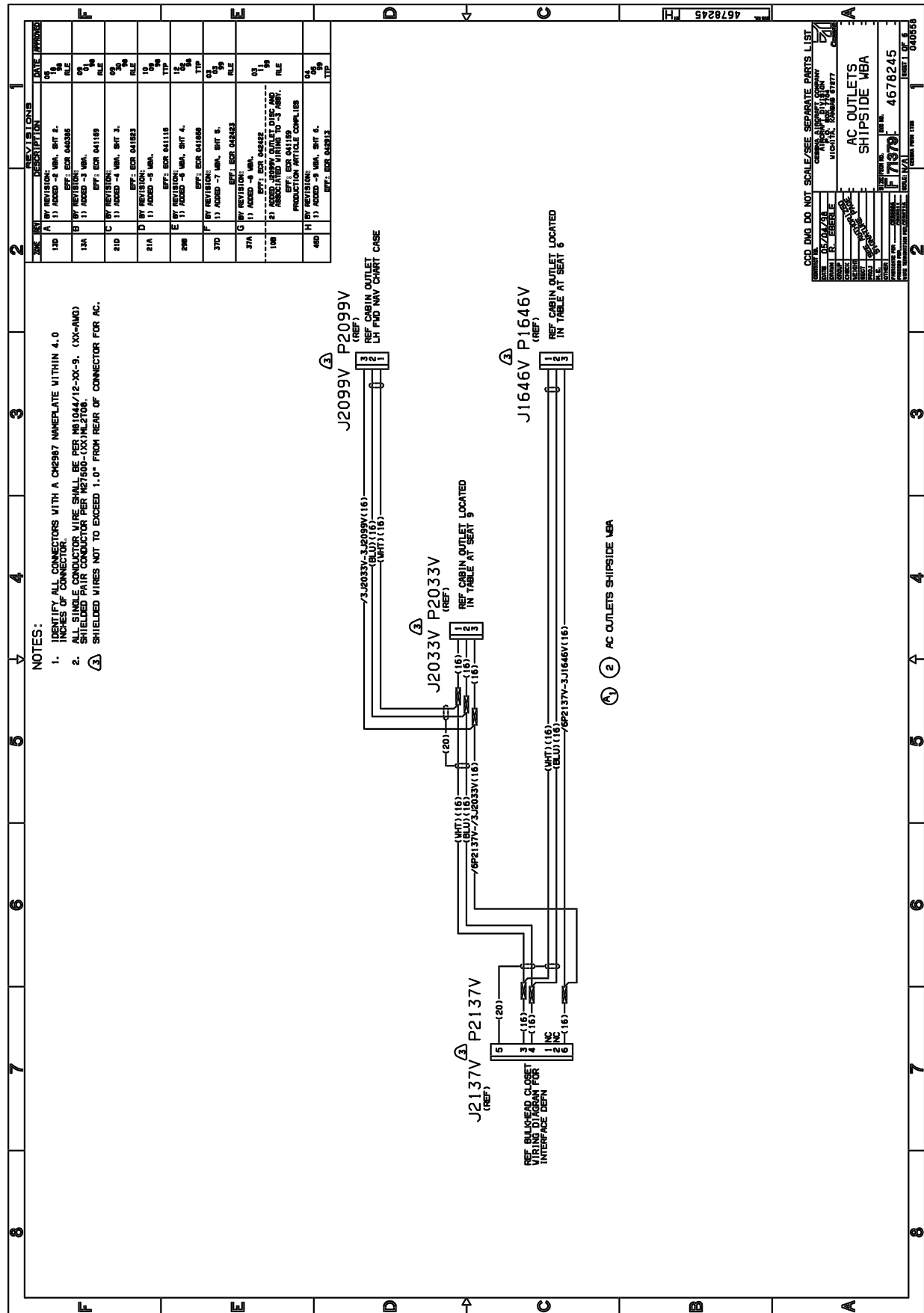
NOTE: Parts not available as complete installations

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Ref Des.	Part Number	Description	Vendor
	4678245-2	CABIN AC OUTLETS WBA	
J1646V	1-480700-0	AMP PLUG	00779
J1646V	350550-1	SOCKET	00779
J2033V	1-480700-0	AMP PLUG	00779
J2033V	350550-1	SOCKET	00779
J2099V	1-480700-0	AMP PLUG	00779
J2099V	350550-1	SOCKET	00779
P2137V	1-480706-0	CONNECTOR	00779
P2137V	350547-1	PIN	00779

NOTE: Parts not available as complete installations

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Ref Des.	Part Number	Description	Vendor
J1046V	4678235-4	LH FWD TO AFT CLOSET A/V SHIPSIDE WBA	
J1046V	S2099-6	CONTACT	
J1046V	207377-1	CONNECTOR	00779
J1291V	MS3476L18-32S	CONNECTOR	
J1291V	S3074-18	STRAIN RELIEF	
J1465V	225396-8	BNC RCPT (RG179)	00779
J2153V	225396-8	BNC RCPT (RG179)	00779
P2067V	MS3474L18-32P	CONNECTOR	
P2067V	S3074-18	STRAIN RELIEF	
P2069V	69475	BNC CONNECTOR	74868
P2155V	69475	BNC CONNECTOR	74868

NOTE: Parts not available as complete installations

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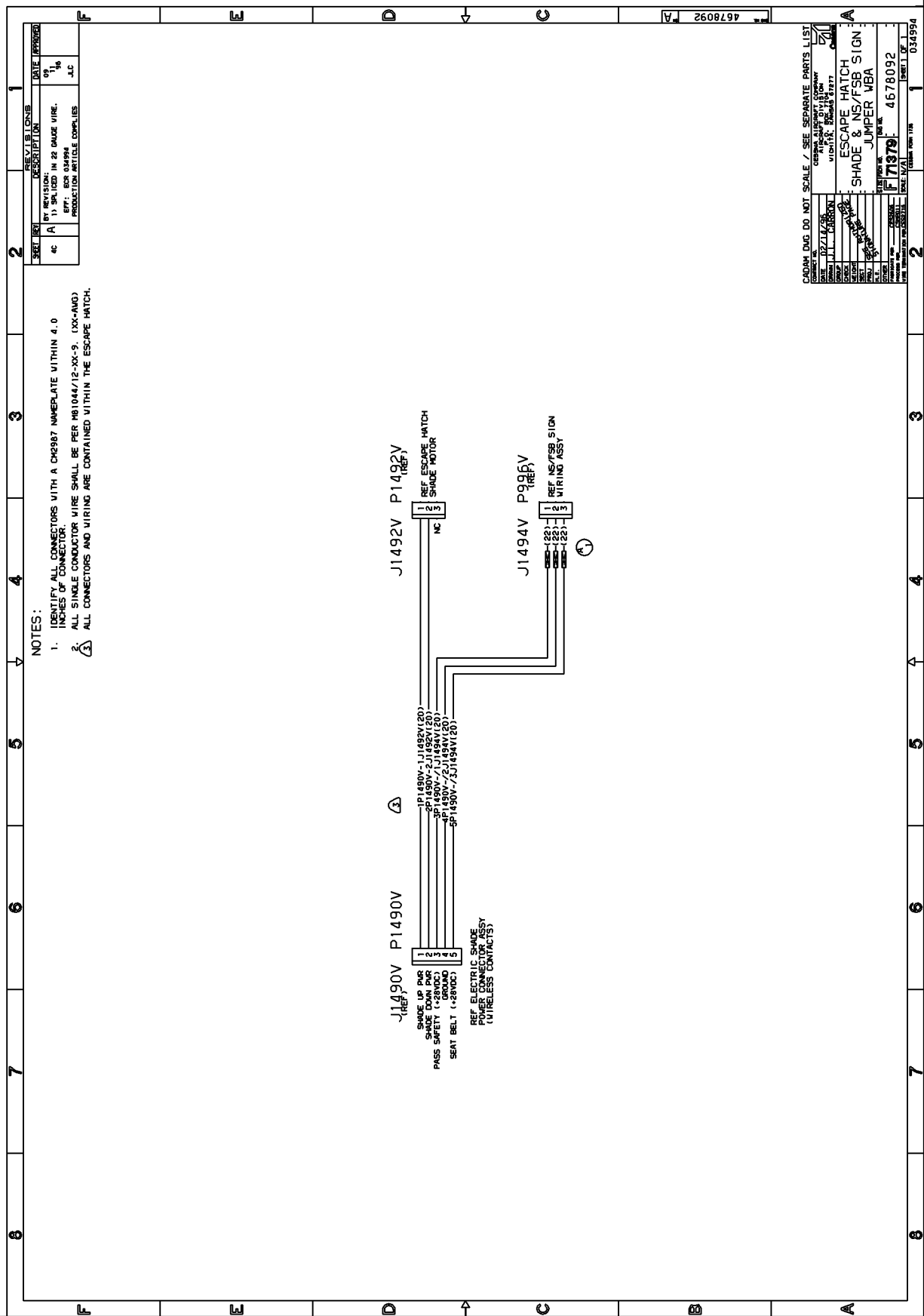
Ref Des.	Part Number	Description	Vendor
J1765V	4678214-1	FLASHLIGHT CHARGER SHIPSIDE WBA	
J1766V	S2216-4	SOCKET	
P2091V	S2216-4	SOCKET	
J1765V	S2353-3	PIN	
J1765V	03-06-1023	RECEPTACLE	27264
J1766V	03-06-1023	RECEPTACLE	27264
P2091V	207376-1	CONNECTOR	00779

NOTE: Parts not available as complete installations

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Ref Des.	Part Number	Description	Vendor
J1492V	4678092-1	ESCAPE HATCH & NS/FSB SIGN JUMPER WBA	
J1492V	S2216-4	SOCKET	
J1492V	03-06-1032	CONNECTOR	27264
J1494V	75018-106S	CONNECTOR	11139
P1490V	1-480764-0	CONNECTOR	00779
P1490V	350690-1	PIN	00779

NOTE: Parts not available as complete installations

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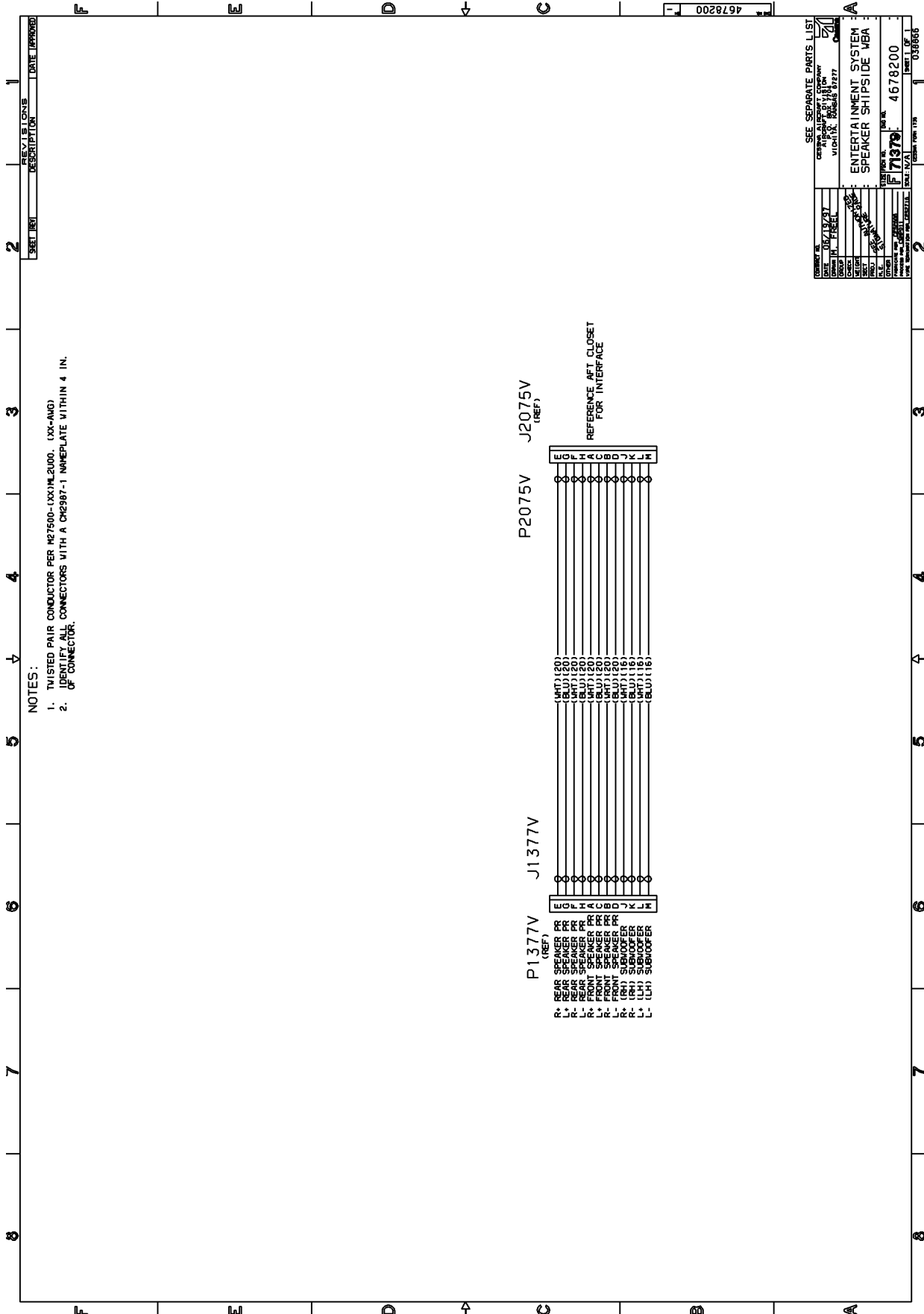
Ref Des.	Part Number	Description	Vendor
J1488V	4678093-1	SHADE & NS/FSB SIGN SHIPSIDE JUMPER WBA	
J1488V	1-480763-0	CONNECTOR	00779
J1488V	350689-1	SOCKET	00779
P948V	S2216-3	PIN	
P948V	03-06-2032	PLUG	27264
P989V	75019-106P	CONNECTOR	11139

NOTE: Parts not available as complete installations

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Ref Des.	Part Number	Description	Vendor
J1377V	4678200-1	ENTERTAINMENT SYSTEM SPEAKER SHIPSIDE WBA	
J1377V	MS3474L14-12P	CONNECTOR	
P2075V	S3074-14	STRAIN RELIEF	
P2075V	MS3416-14EN	BACKSHELL	
P2075V	MS3476L14-12S	CONNECTOR	

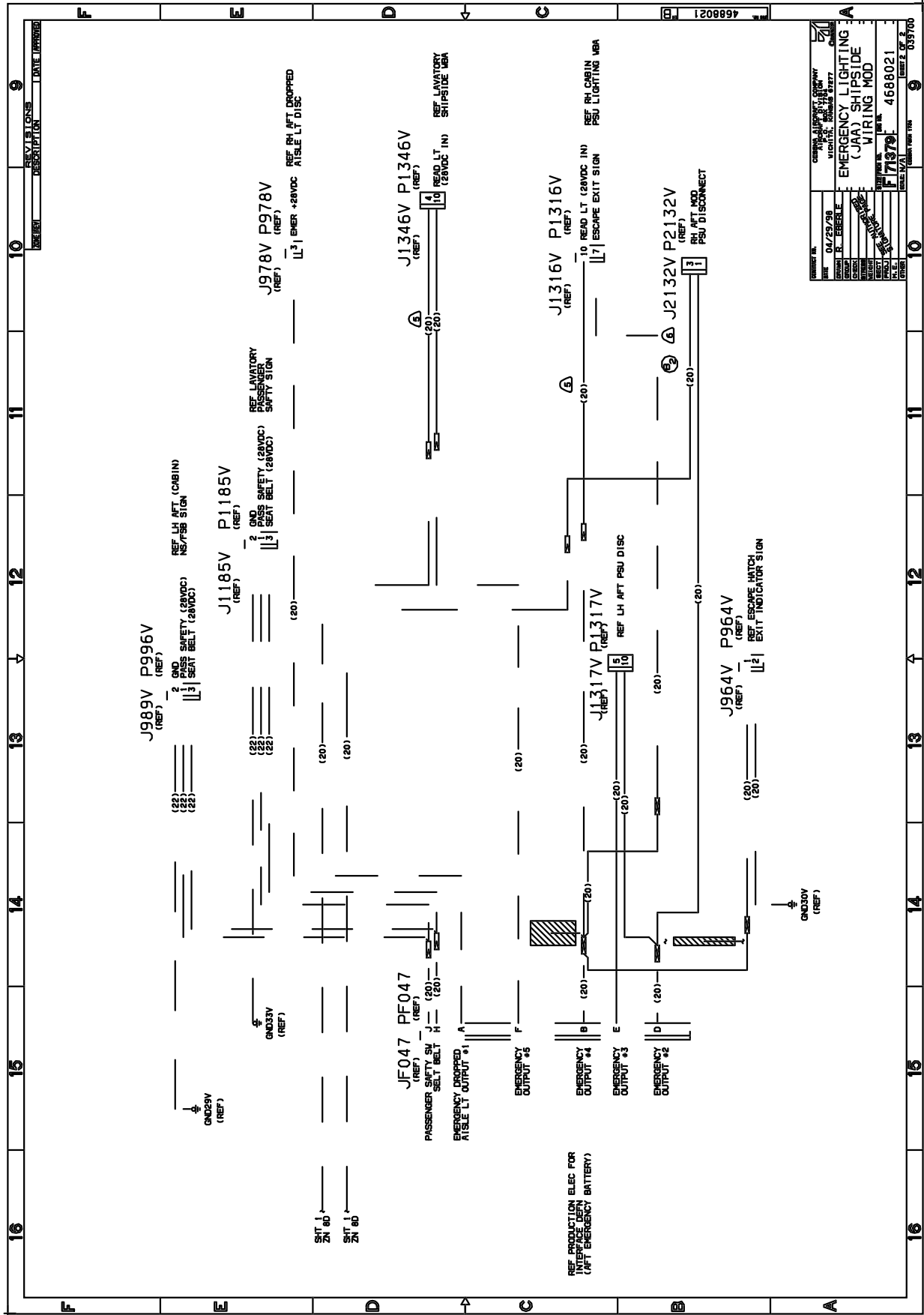
NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

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MODEL 750

INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG



CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
	4688021-1	EMERGENCY LIGHTING (JAA) SHIPSIDE WIRING MOD	
J2132V	S2216-4	SOCKET	
J2132V	03-06-1032	CONNECTOR	27264
J2192V	S2216-4	SOCKET	
J2192V	03-06-1023	RECEPTACLE	27264
J2193V	S2216-4	SOCKET	
J2193V	03-06-1023	RECEPTACLE	27264

NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

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MODEL 750

INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

REV. NO.		REVISIONS		DATE	
NO.	REV.	DESCRIPTION	DATE	BY	CHKD.
1					
2					
3					
4					
5					
6					
7					
8					

NOTES:

1. IDENTIFY ALL CONNECTORS WITH A C42987 NAMEPLATE WITHIN 4 IN. OF CONNECTOR.
2. DASH LINES REPRESENT EXISTING WIRING/EQUIPMENT.
3. REF 4678060 FOR CURRENT RH PSU WIRING DEFN.
4. REF 4678061 FOR CURRENT LH PSU WIRING DEFN.
5. WIRE TERMINATION AT PSU LIGHTS TO BE RING TERMINALS P/N 51863-3.
6. REF EMERGENCY/CHBIN ENTRY WBA MOD (4688021) FOR INTERFACE DEFN.
7. J/P2130V TO BE LOCATED NEAR J/P1610V.
8. P2132V TO BE LOCATED NEAR P1316V.
9. J/P2149V LOCATED NEAR J/P1321V.
10. DIODE ASSY'S TO BE LOCATED WITHIN 6 INCHES FOR LIGHT/EXIT SIGN.
11. REF 4678150 FOR CURRENT LAV PSU WIRING DEFN.
12. P2192V TO BE LOCATED WITH P1314V.
13. P2193V TO BE LOCATED WITH P1315V.

EMERGENCY LIGHTING MODIFICATIONS

1. PSU EMERGENCY LIGHTING MODIFICATIONS

6208899

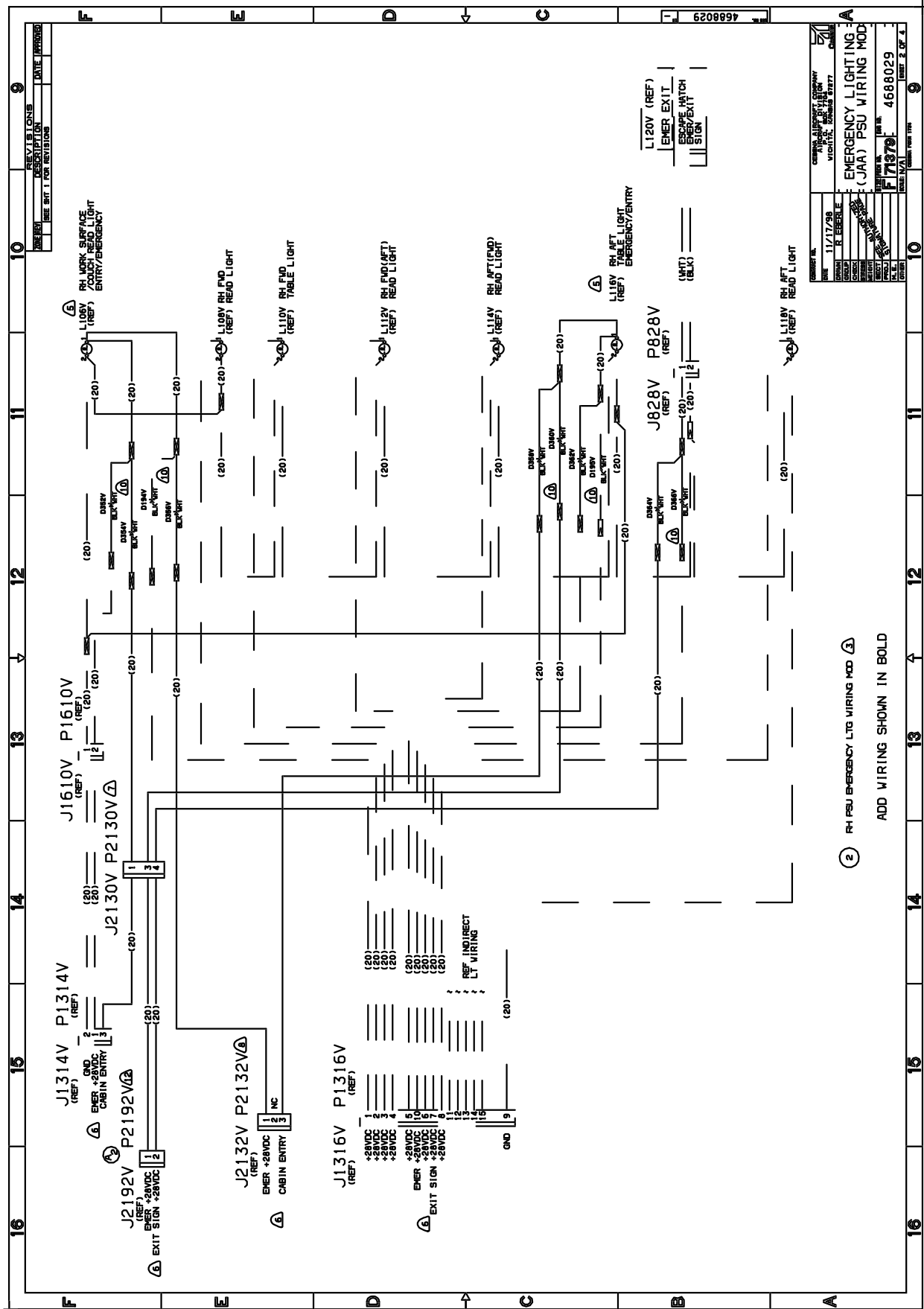
4688029

PROCEDURES DO NOT SCALE/SEE SEPARATE PARTS LIST

FIGURE NO.	4688029
FIGURE TITLE	EMERGENCY LIGHTING MOD (JAA) PSU WIRING MOD
FIGURE NO.	4688029
FIGURE TITLE	EMERGENCY LIGHTING MOD (JAA) PSU WIRING MOD
FIGURE NO.	4688029
FIGURE TITLE	EMERGENCY LIGHTING MOD (JAA) PSU WIRING MOD

MODEL 750

INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG



CESSNA AIRCRAFT COMPANY
MODEL 750
 INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
	4688029-1	EMERGENCY LIGHTING (JAA) PSU WIRING MOD	
---	4688029-2	RH PSU EMERGENCY LIGHTING WIRING MOD	
D352V	S3106-3	DIODE ASSY	
D354V	S3106-3	DIODE ASSY	
D356V	S3106-3	DIODE ASSY	
D358V	S3106-3	DIODE ASSY	
D360V	S3106-3	DIODE ASSY	
D362V	S3106-3	DIODE ASSY	
D364V	S3106-3	DIODE ASSY	
D366V	S3106-3	DIODE ASSY	
J2130V	S2216-4	SOCKET	
J2130V	03-06-1042	CONNECTOR	27264
P2130V	S2216-3	PIN	
P2130V	03-06-2042	CONNECTOR	27264
P2132V	S2216-3	PIN	
P2132V	03-06-2032	PLUG	27264
P2192V	S2216-3	PIN	
P2192V	03-06-2023	CONNECTOR	27264
---	4688029-3	LH PSU EMERGENCY LIGHTING WIRING MOD	
D353V	S3106-3	DIODE ASSY	
D355V	S3106-3	DIODE ASSY	
D357V	S3106-3	DIODE ASSY	
D359V	S3106-3	DIODE ASSY	
D361V	S3106-3	DIODE ASSY	
J2149V	S2216-4	SOCKET	
J2149V	03-06-1042	CONNECTOR	27264
P2149V	S2216-3	PIN	
P2149V	03-06-2042	CONNECTOR	27264
P2193V	S2216-3	PIN	
P2193V	03-06-2023	CONNECTOR	27264
---	4688029-4	LAVATORY PSU EMERGENCY LIGHTING WIRING MOD	
D363V	S3106-3	DIODE ASSY	
D365V	S3106-3	DIODE ASSY	
J2194V	S2216-4	SOCKET	
J2194V	03-06-1023	RECEPTACLE	27264
J2197V	S2216-4	SOCKET	
J2197V	03-06-1023	RECEPTACLE	27264
P2194V	S2216-3	PIN	
P2194V	03-06-2023	CONNECTOR	27264
P2197V	S2216-3	PIN	
P2197V	03-06-2023	CONNECTOR	27264

NOTE: Parts not available as complete installations

NOTES:

- IDENTIFY ALL CONNECTORS WITH A CH2987 NAMEPLATE WITHIN 4.0 INCHES OF THE TERMINAL.
- ALL SINGLE CONDUCTOR WIRE SHALL BE PER M81044/12-XX-9. (XX=AWG)

P2139V (REF) J2139V

REF BULKHEAD CLOSET
AC INVERTER MD FOR
INTERFACE DEFN

P189V (REF) J189V

REF FURNITURE
POWER GROUND MBA

DATE: 10/01/93
DRAWN BY: J. HENDERSON
CHECKED BY: J. HENDERSON
REVIEWED BY: J. HENDERSON
APPROVED BY: J. HENDERSON
PROJECT NO.: 4678226
SHEET NO.: 2 OF 2

CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
J2139V	4678226-1	BULKHEAD CLOSET INVERTER PWR/GND WBA	
J2139V	MS3057-16A	CLAMP	
P189V	MS3106A24-12SW	CONNECTOR	
P189V	MS3057-16A	CLAMP	
P189V	MS3100A24-12PW	CONNECTOR	

NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
J1626V	4678089-1	BACKSPLASH TO MASTER JUMPER WBA	
J1626V	S2216-4	SOCKET	
J1626V	03-06-1152	RECEPTACLE	27264
P916V	DAMA15P	CONNECTOR	71468
P916V	D20419-21	LOCK	71468
P916V	S2492-1	CLAMP	
P926V	S2216-3	PIN	
P926V	03-06-2023	CONNECTOR	27264

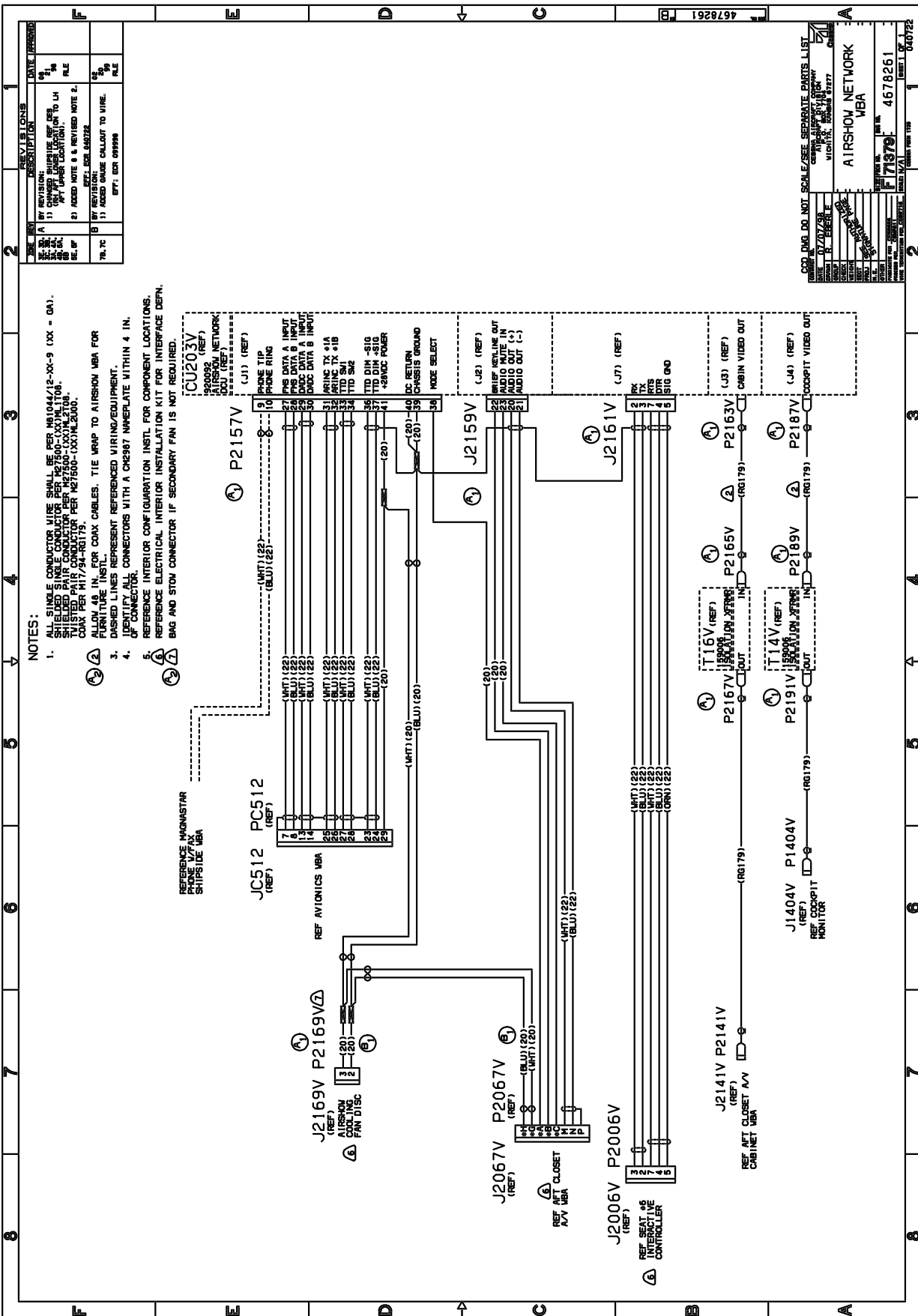
NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
D350V	4678203-1	AIRSHOW BRIEFER SHIPSIDE WBA	
K350V	1N4006	DIODE	07688
K350V	MS27401-14	RELAY, 10AMP	
P2111V	451116-141	RELAY SOCKET	03743
P2111V	S2353-3	PIN	
P2111V	207376-1	CONNECTOR	00779

NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
MODEL 750



CESSNA AIRCRAFT COMPANY
MODEL 750
 INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
J2159V	4678261-1	AIRSHOW NETWORK SHIPSIDE WBA	
J2159V	MS24266R20B41PN	CONNECTOR	
J2161V	MS3154-20	BACKSHELL	
J2161V	DEMA9S	CONNECTOR	71468
J2161V	DE44994	SHELL, JUNCTION	71468
J2161V	D20419-21	LOCK	71468
P1404V	69475	BNC CONNECTOR	74868
P2006V	DEMA9P	CONNECTOR	71468
P2006V	DE44994	SHELL, JUNCTION	71468
P2006V	D20419-21	LOCK	71468
P2141V	69475	BNC CONNECTOR	74868
P2157V	MS24266R20B41SN	CONNECTOR	
P2157V	MS3154-20	BACKSHELL	
P2163V	69475	BNC CONNECTOR	74868
P2165V	69475	BNC CONNECTOR	74868
P2167V	69475	BNC CONNECTOR	74868
P2169V	S2099-6	CONTACT	
P2169V	207360-1	CONNECTOR	00779
P2187V	69475	BNC CONNECTOR	74868
P2189V	69475	BNC CONNECTOR	74868
P2191V	69475	BNC CONNECTOR	74868

NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

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CESSNA AIRCRAFT COMPANY
MODEL 750
 INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
J1184V	4678293-1	MAGNASTAR PHONE W/FAX SHIPSIDE WBA	
J1184V	S2216-4	SOCKET	
J1184V	03-06-1023	RECEPTACLE	27264
J1443V	S2216-4	SOCKET	
J1443V	03-06-1023	RECEPTACLE	27264
J1815V	DEMA9S	CONNECTOR	71468
J1815V	DE44994	SHELL, JUNCTION	71468
J1815V	D20418-2	SCREW	71468
J2002V	DEMA9S	CONNECTOR	71468
J2002V	DE44994	SHELL, JUNCTION	71468
J2002V	D20418-2	SCREW	71468
J2151V	DEMA9S	CONNECTOR	71468
J2151V	DE44994	SHELL, JUNCTION	71468
J2151V	D20418-2	SCREW	71468

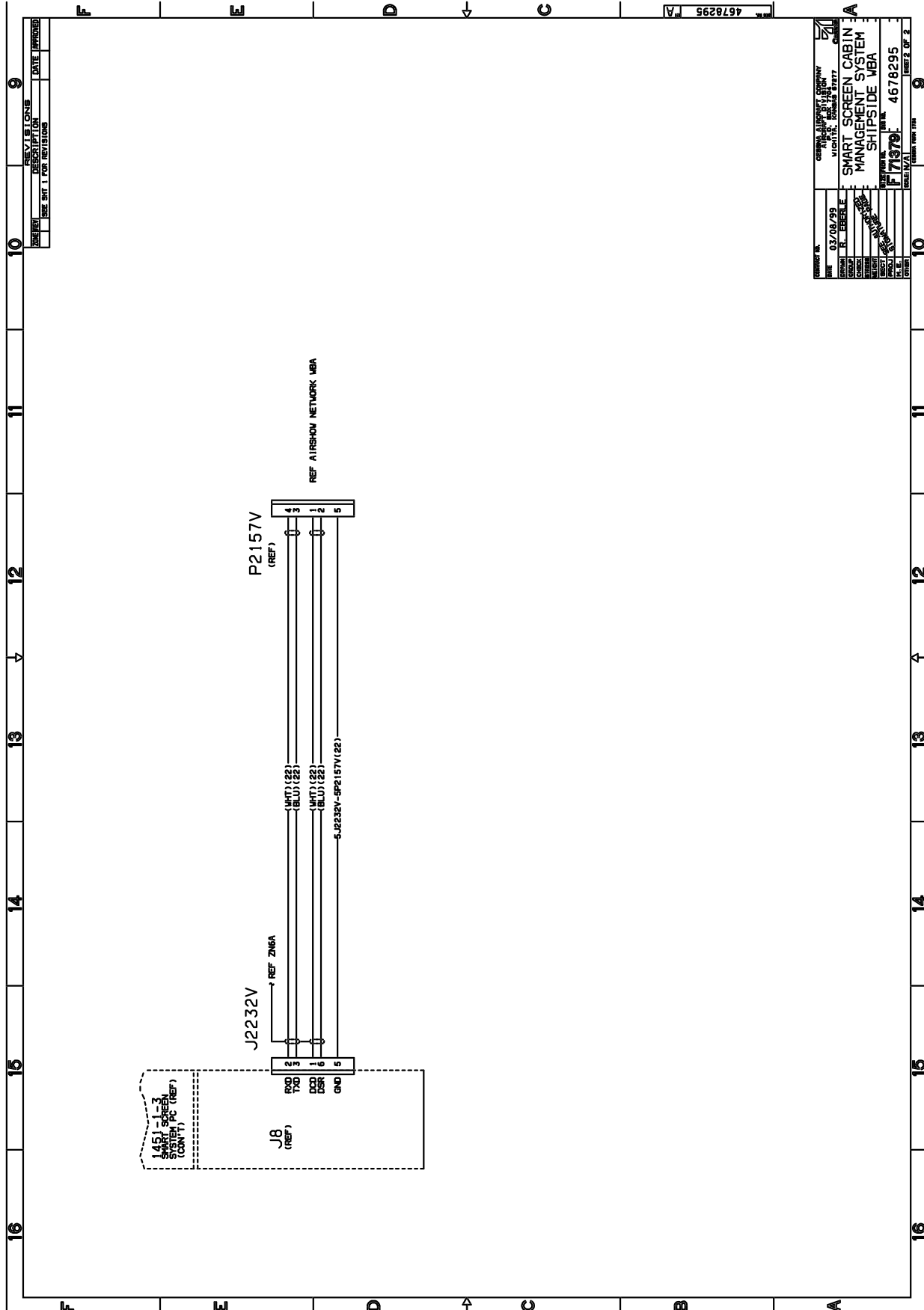
NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

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MODEL 750

INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG



CESSNA AIRCRAFT COMPANY
MODEL 750
 INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
	4678295-1	SMART SCREEN CABIN MANAGEMENT SYSTEM	SHIPSIDE WBA
J2198V	CBC21W1F00Z700	COMBO D-CONNECTOR	28198
J2198V	FC6020D	CONTACT	28198
J2214V	SD9F0000X	CONNECTOR	28198
J2218V	SD9F10JVLX	CONNECTORS	28198
J2220V	CBD3W3F00JVLX	CONNECTOR	28198
J2220V	FS4016D	SOCKET	28198
J2222V	SD9F10JVLX	CONNECTORS	28198
J2230V	SD9F10JVLX	CONNECTORS	28198
J2232V	SD9F10JVLX	CONNECTORS	28198
P1266V	S2216-3	PIN	
P1266V	03-06-2032	PLUG	27264
P2205V	S2099-6	CONTACT	
P2205V	207359-1	CONNECTOR	00779
P2216V	DD15M10JVLX	CONNECTOR	28198
P2228V	SD50M10JVLZ	CONNECTOR	28198

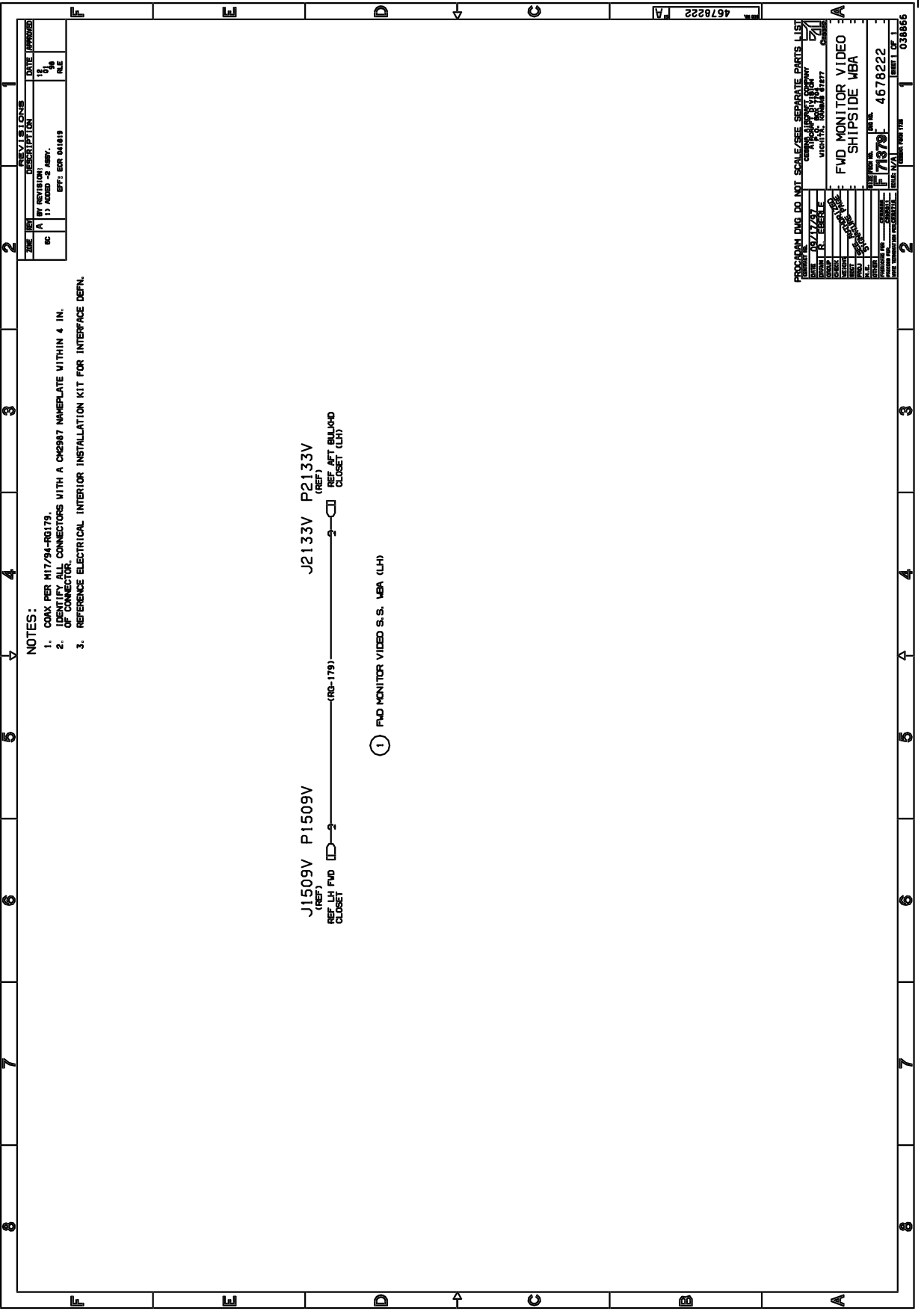
NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
---	4680004-1 M81044/9-20-9	VANITY CABINET MOD WIRING DIAGRAM ELECTRICAL WIRE	

NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

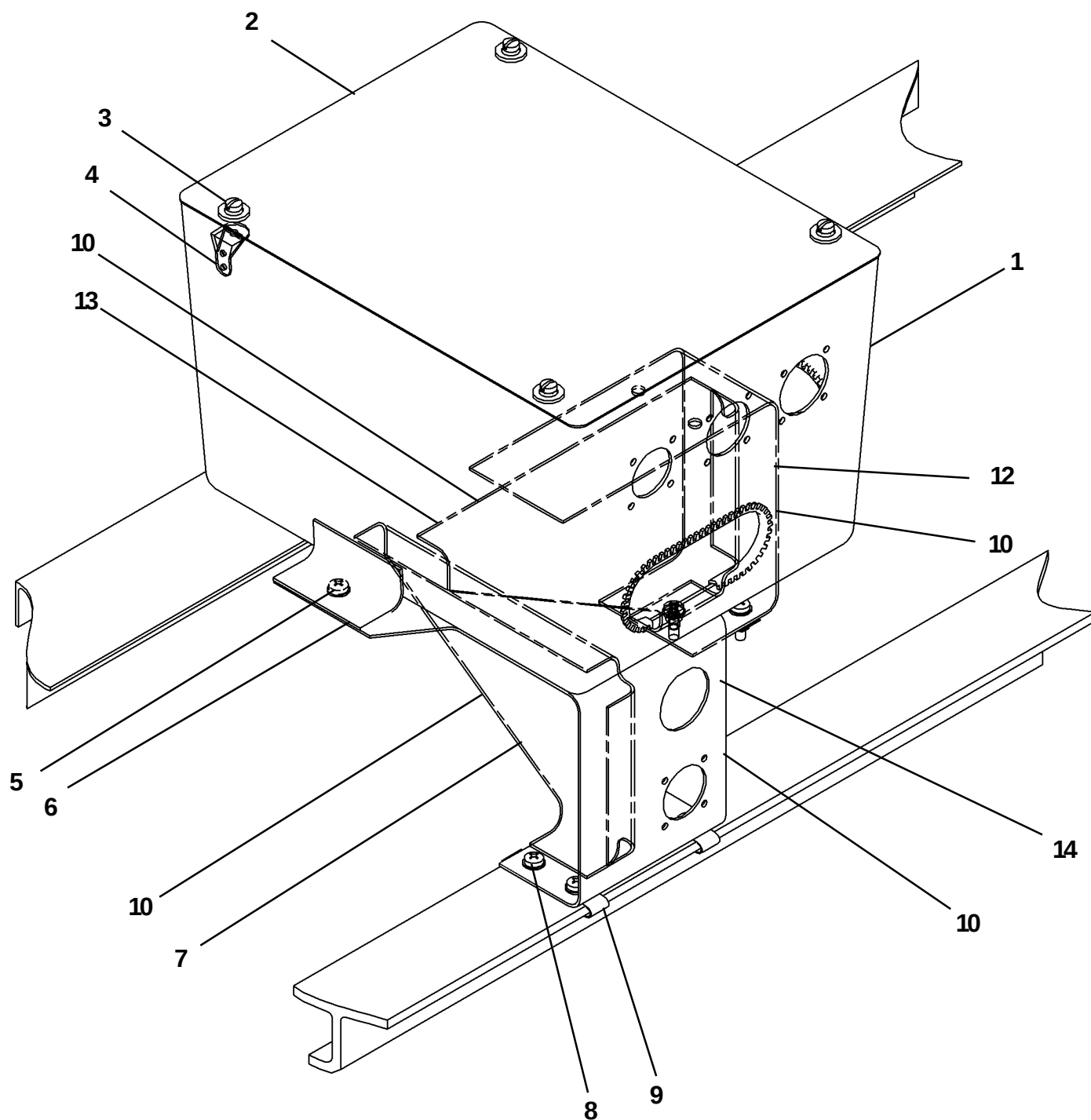


CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
J2133V	4678222-1	FWD MONITOR VIDEO SHIPSIDE	
P1509V	225396-8	BNC RCPT (RG179)	00779
	69475	BNC CONNECTOR	74868

NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

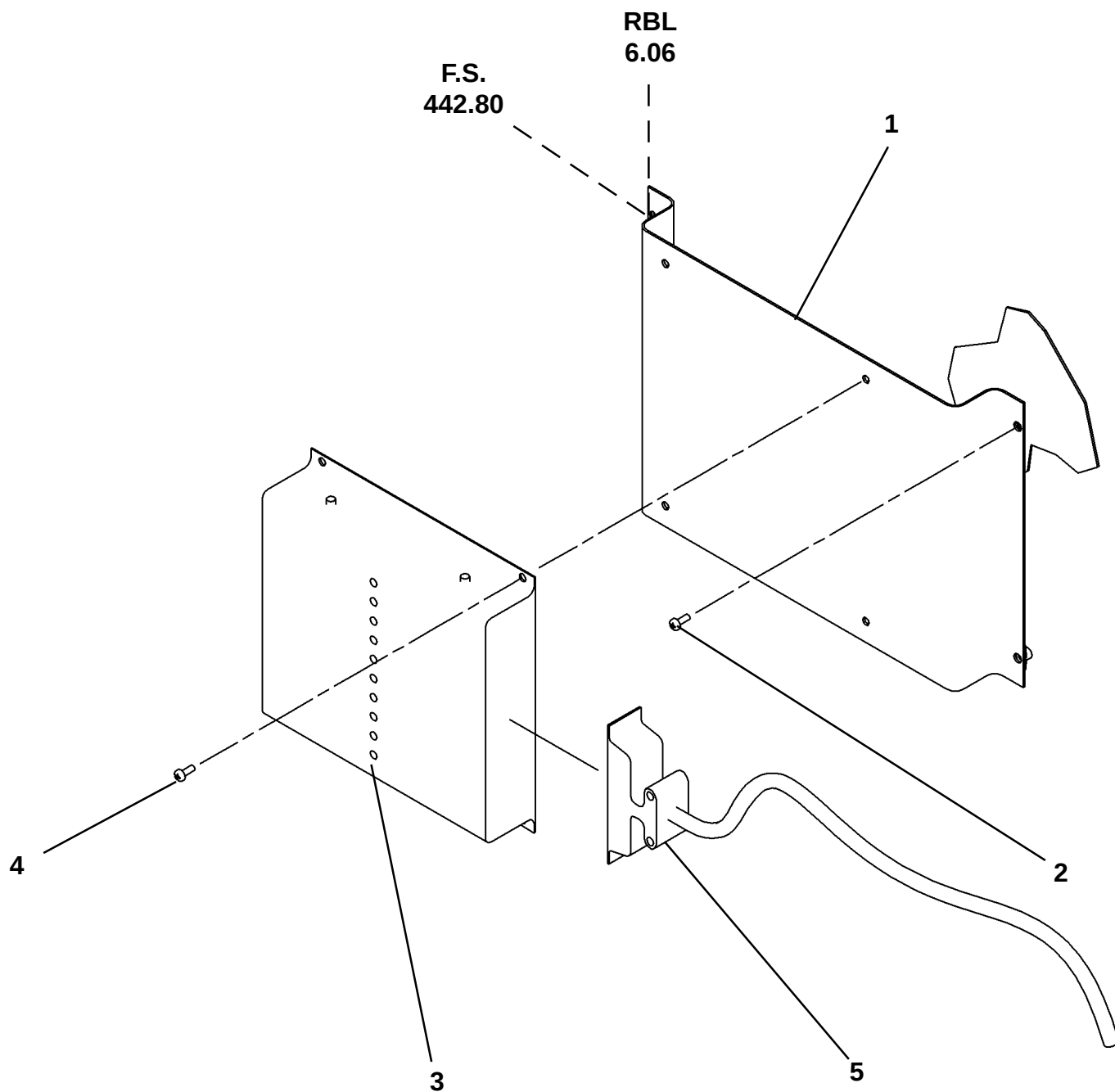


CESSNA AIRCRAFT COMPANY
MODEL 750
 INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

No.	Part Number	Description	Vendor
-	4618001-1	INTERIOR J-BOX INSTALLATION	
1	4618001-20	J-BOX ASSY	
2	4618001-23	LID ASSY	
-	4618001-22	LID	
-	4616001-1	SILKSCREEN	
-	4616001-2	SILKSCREEN	
3	2600-1S	STUD ASSY	
-	2600LW	WASHER	71286
4	26R5-1	RECEPTACLE	71286
5	MS27039-0808	SCREW (3 ea)	
-	AN960-8	WASHER (11 ea)	
6	4618001-5	ANGLE (2 ea)	
7	4618001-18	RIB	
8	MS27039-0809	SCREW (8 ea)	
9	S1477-8A	NUT (8 ea)	
10	4618001-21	BRACKET ASSY	
11	390832R050	SCREW	13764
12	4618001-8	BRACKET	
13	4618001-9	RIB	
14	4618001-17	BRACKET	

NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG



CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

No.	Part Number	Description	Vendor
-	4618004-4	CHIME BOX INSTALLATION	
1	4618004-3	CHIME CONTROLLER PLATE ASSY	
2	MS35206-242	SCREW	
-	MS21076L08	NUTPLATE	
3	MSM500-00	CHIME CONTROLLER	AUIN
4	MS35206-227	SCREW	
-	MS21076L06	NUTPLATE	
5	- - -	ELECTRICAL CONNECTOR	

NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

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CESSNA AIRCRAFT COMPANY
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INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

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CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

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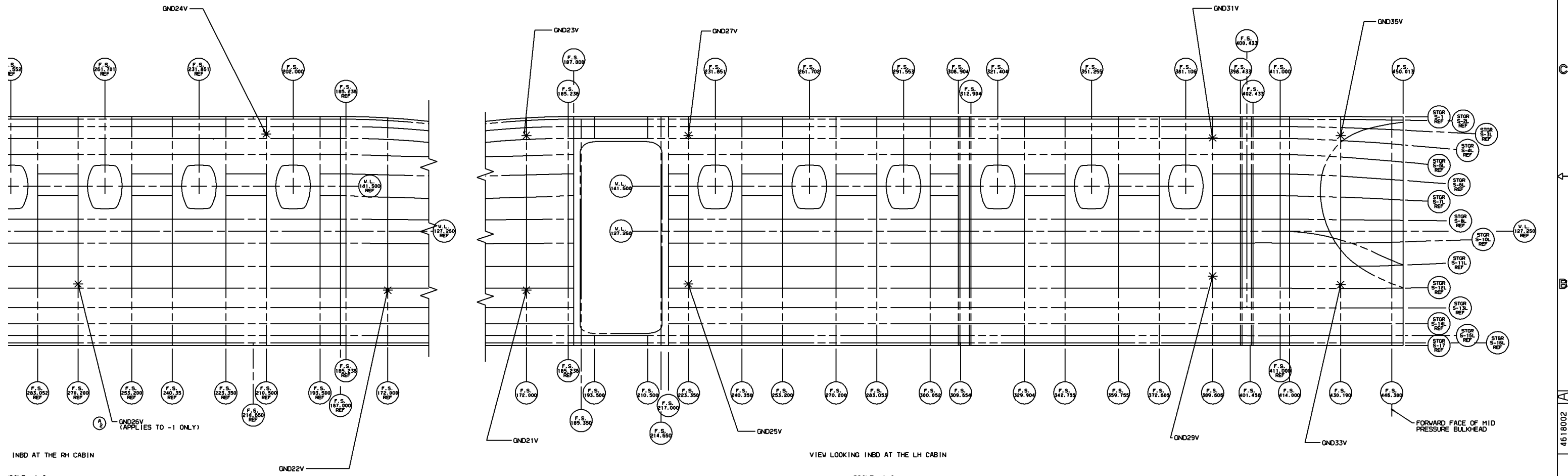
CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

TABLE 1 (CABIN INTERIOR GND LOCATIONS)

GND NO.	DASH NO.	FS (REF)	WL (REF)	BL (REF)	FRAME INSTALLATION DWG
GND21V	-1;-3	172.00	108.50	LBL 29.50	6711096
GND22V	-1;-3	172.00	108.50	RBL 29.50	6711096
GND23V	-1;-3	172.00	157.50	LBL 16.50	6711096
GND24V	-1;-3	210.50	158.00	RBL 16.50	6711101
GND25V	-1;-3	223.35	110.50	LBL 30.75	6711104
GND26V	-1	270.20	110.50	RBL 30.75	6711107
GND27V	-1;-3	223.35	157.50	LBL 16.75	6711104
GND28V	-1;-3	389.606	158.50	RBL 15.50	6711117
GND29V	-1;-3	389.606	113.00	LBL 31.80	6711117
GND30V	-1;-3	389.606	113.00	RBL 31.80	6711117
GND31V	-1;-3	389.606	158.50	LBL 15.50	6711117
GND32V	-1;-3	430.190	156.75	RBL 17.00	6711121
GND33V	-1;-3	430.190	113.50	LBL 31.25	6711121
GND34V	-1;-3	430.190	113.50	RBL 31.25	6711121
GND35V	-1;-3	430.190	156.75	LBL 17.00	6711121

- NOTES:
- THIS DWG IS FILED IN CADAM FILE: RLS,E46.
 - VERIFY ELECTRICAL BOND BETWEEN AREAS AS SHOWN PER CSAM040 TYPE 1.
 - RUBBER STAMP APPROPRIATE GROUND NUMBER WITH BLACK INK AND .12 INCH HIGH NOMENCLATURE THEN APPLY A TOP COAT OF CLEAR POLYURETHANE.
 - TORQUE PER CSAM 021.
 - GND STUD LOCATIONS MAY VARY SLIGHTLY FROM TABLE 1 DUE TO AIRCRAFT STRUCTURE INTEGRITY OR SYSTEM/COMPONENT INTERFERENCE.

REVISIONS			
DATE	BY	DESCRIPTION	DATE
10/03/97	SEE SIG		
11/27/97	ADD	ADD -1 ONLY. GND26V	
21/03/97	ADD	ADD -1 ONLY. GND26V	
21/03/97	ADD	ADD -1 ONLY. GND26V	

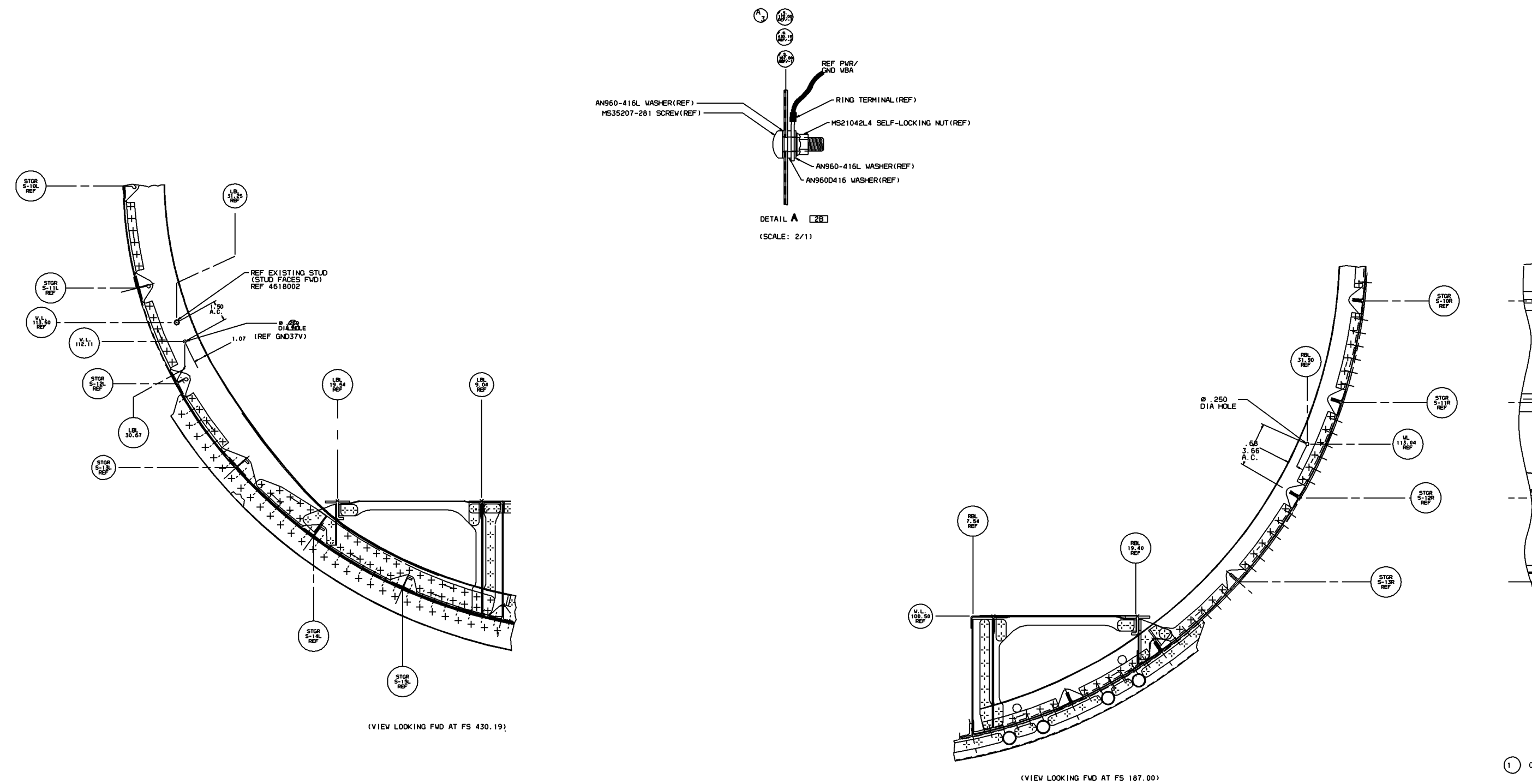


- 1 ELECTRICAL GROUND INSTL- CABIN
3 ELECTRICAL GROUND INSTL- CABIN

DO NOT SCALE PRINT
UNLESS OTHERWISE SPECIFIED
CONTRACT NO.
DATE 05/05/94
DESIGNER R. EBERLE
CHECKED
GROUP
PROJECT
SCALE: NOTED
SHEET 1 OF 1
CESSNA FORM 1193C 035226

CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

8 7 6 5 4 3



(VIEW LOOKING FWD AT FS 430.19)

(VIEW LOOKING FWD AT FS 187.00)

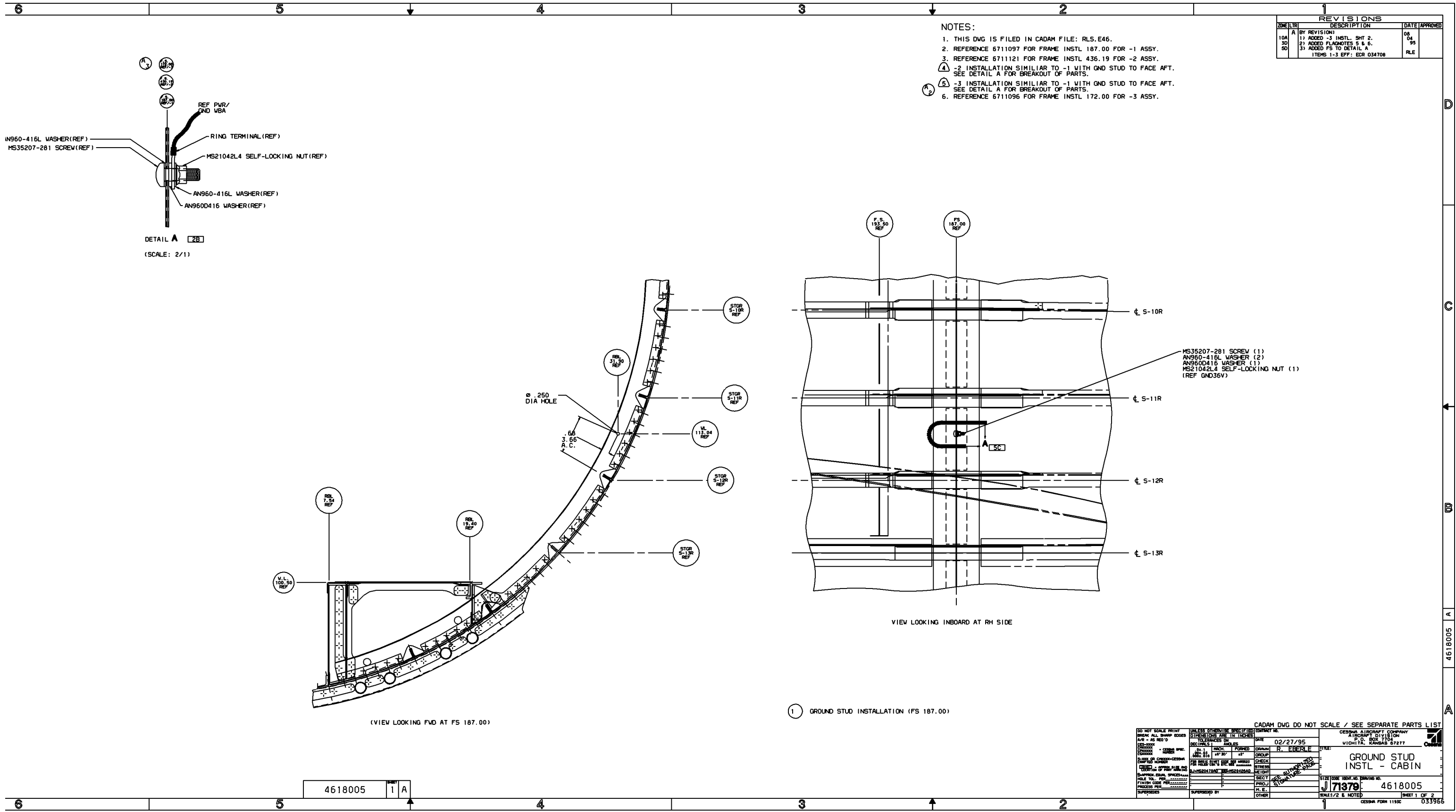
2 GROUND STUD INSTALLATION (FS 430.19)

1 GND

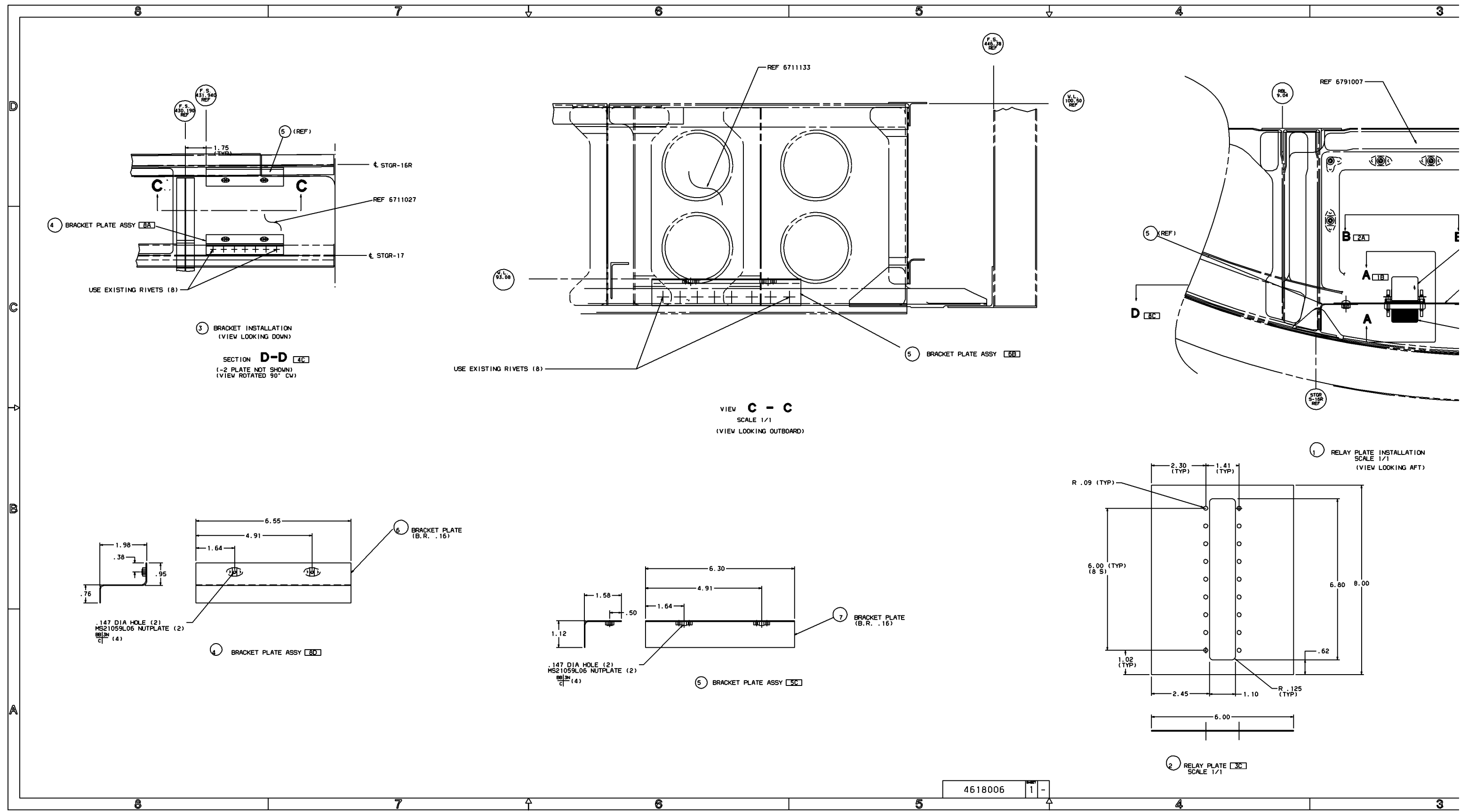
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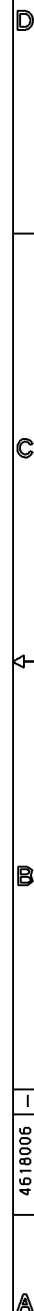
CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG



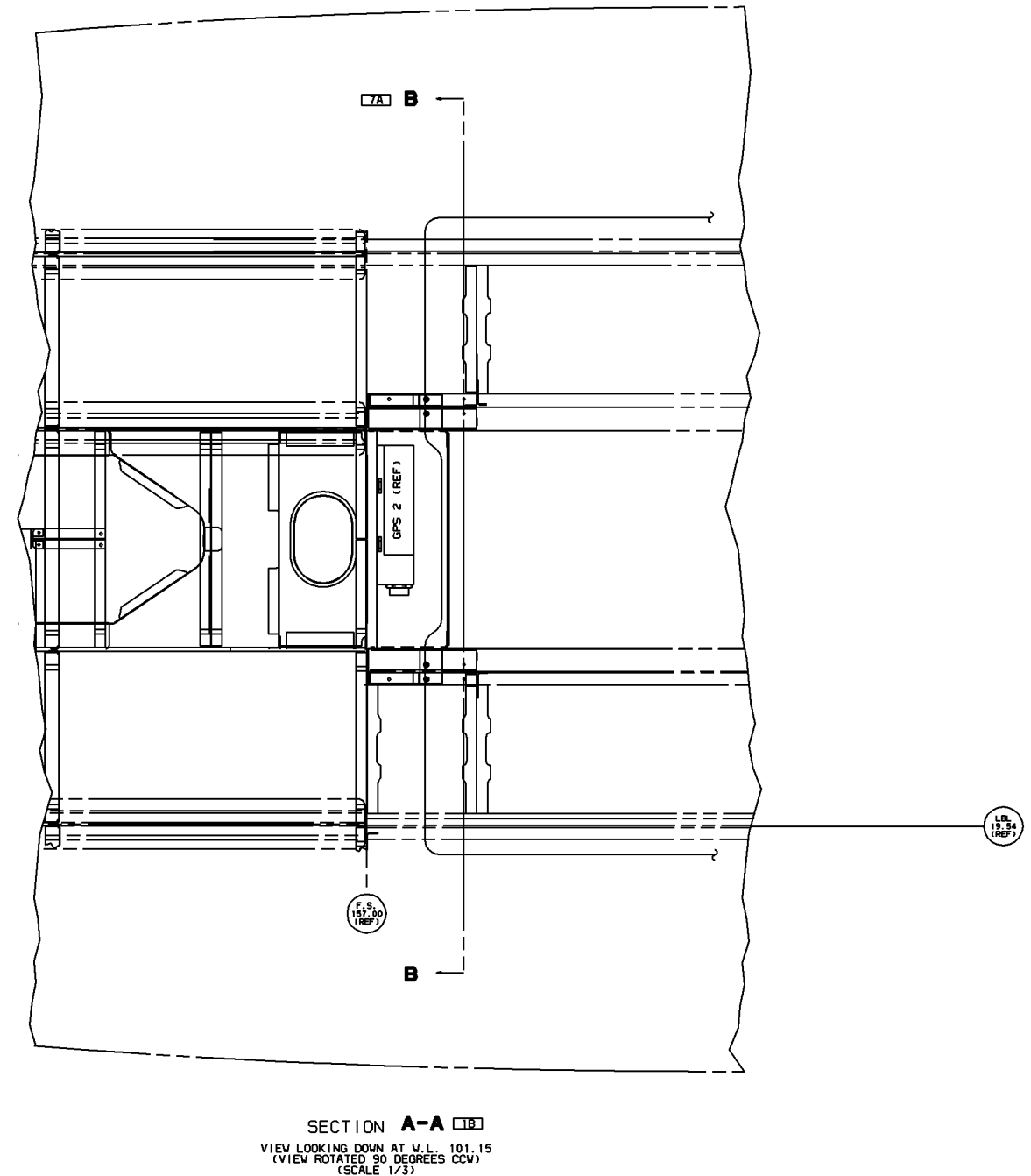
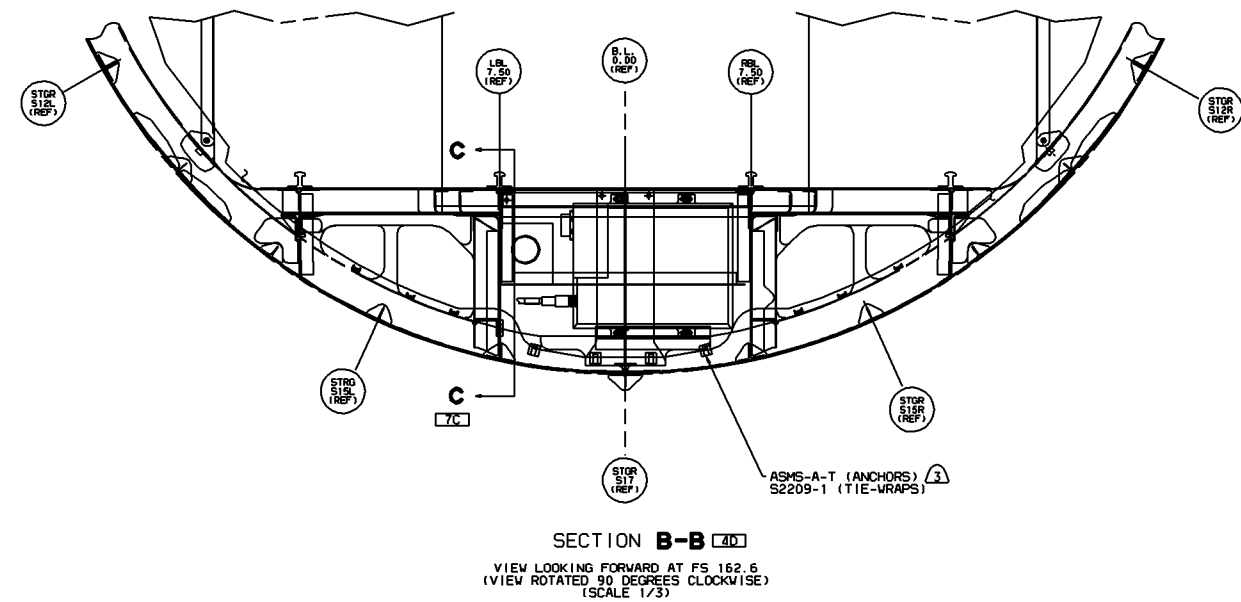
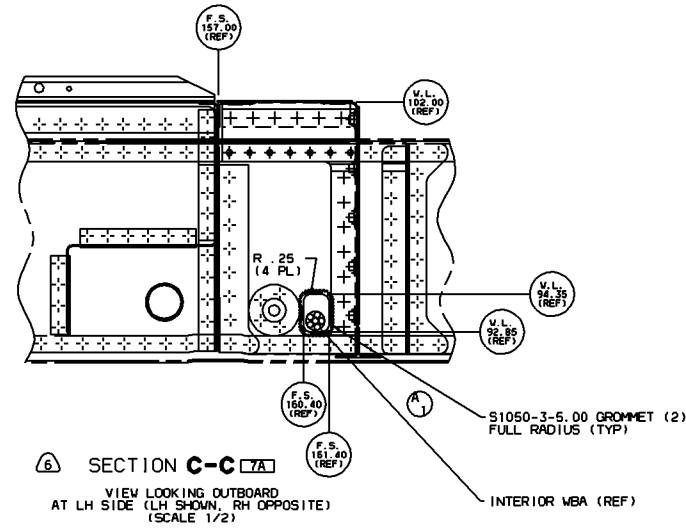
CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG



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CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG



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CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

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CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

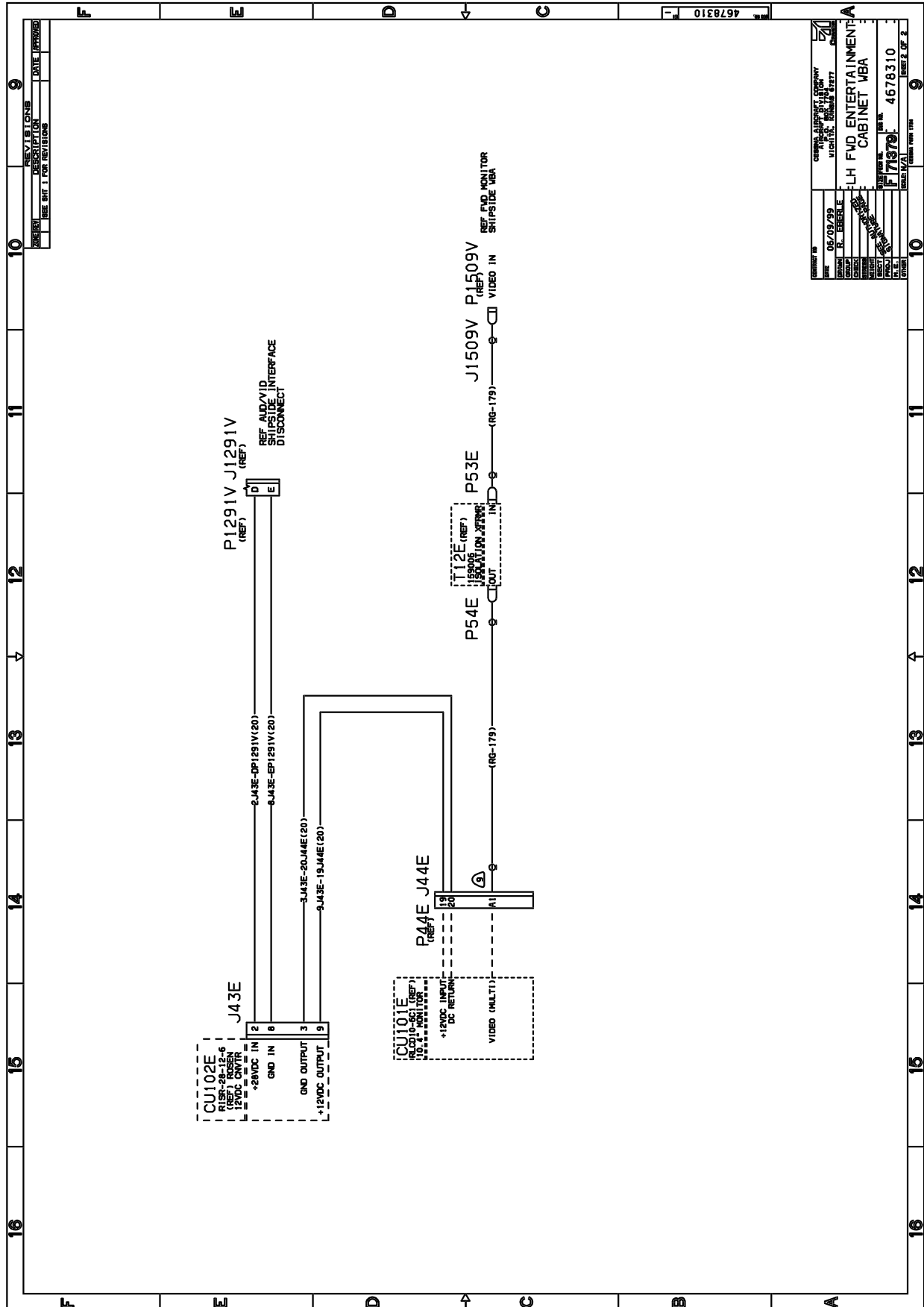
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CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

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MODEL 750

INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG



CESSNA AIRCRAFT COMPANY WICHITA, KS 67207-0001		DATE: 06/09/99	
DESIGNED BY: R. EBERLE		CHECKED BY: R. EBERLE	
DRAWN BY: R. EBERLE		DATE: 06/09/99	
PART NO. 4678310		REV. NO. 1	
QUANTITY 1		PRICE \$0.00	
TOTAL \$0.00		TOTAL \$0.00	
F71379		4678310	
LH FWD ENTERTAINMENT CABINET WBA		PAGE 2 OF 2	

CESSNA AIRCRAFT COMPANY
MODEL 750
 INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
	4678310-1	LH FWD ENTERTAINMENT CABINET WBA	
D4E	1N5351B	DIODE	07688
J1509V	225396-8	BNC RCPT (RG179)	00779
J33E	S2099-8	CONTACT	
J33E	207360-1	CONNECTOR	00779
J43E	DE44994	SHELL, JUNCTION	71468
J43E	D20419-21	LOCK	71468
J43E	FC7520D	CONTACT	28198
J43E	SD9F0000X	CONNECTOR	28198
J44E	CBC21W1F00Z700	COMBO D-CONNECTOR	28198
J44E	FC6020D	CONTACT	28198
J44E	MC4102D	COAXIAL CONTACT	28198
J79E	S2216-3	PIN	
J79E	03-06-1032	CONNECTOR	27264
J97E	DEMA9S	CONNECTOR	71468
J97E	DE44994	SHELL, JUNCTION	71468
J97E	D20418-2	SCREW	71468
J98E	DEMA9S	CONNECTOR	71468
J98E	DE44994	SHELL, JUNCTION	71468
J98E	D20418-2	SCREW	71468
P100E	69475	BNC CONNECTOR	74868
P1291V	MS3474L18-32P	CONNECTOR	
P1291V	S3074-18	STRAIN RELIEF	
P1465V	69475	BNC CONNECTOR	74868
P2153V	69475	BNC CONNECTOR	74868
P53E	69475	BNC CONNECTOR	74868
P54E	69475	BNC CONNECTOR	74868
P99E	69475	BNC CONNECTOR	74868

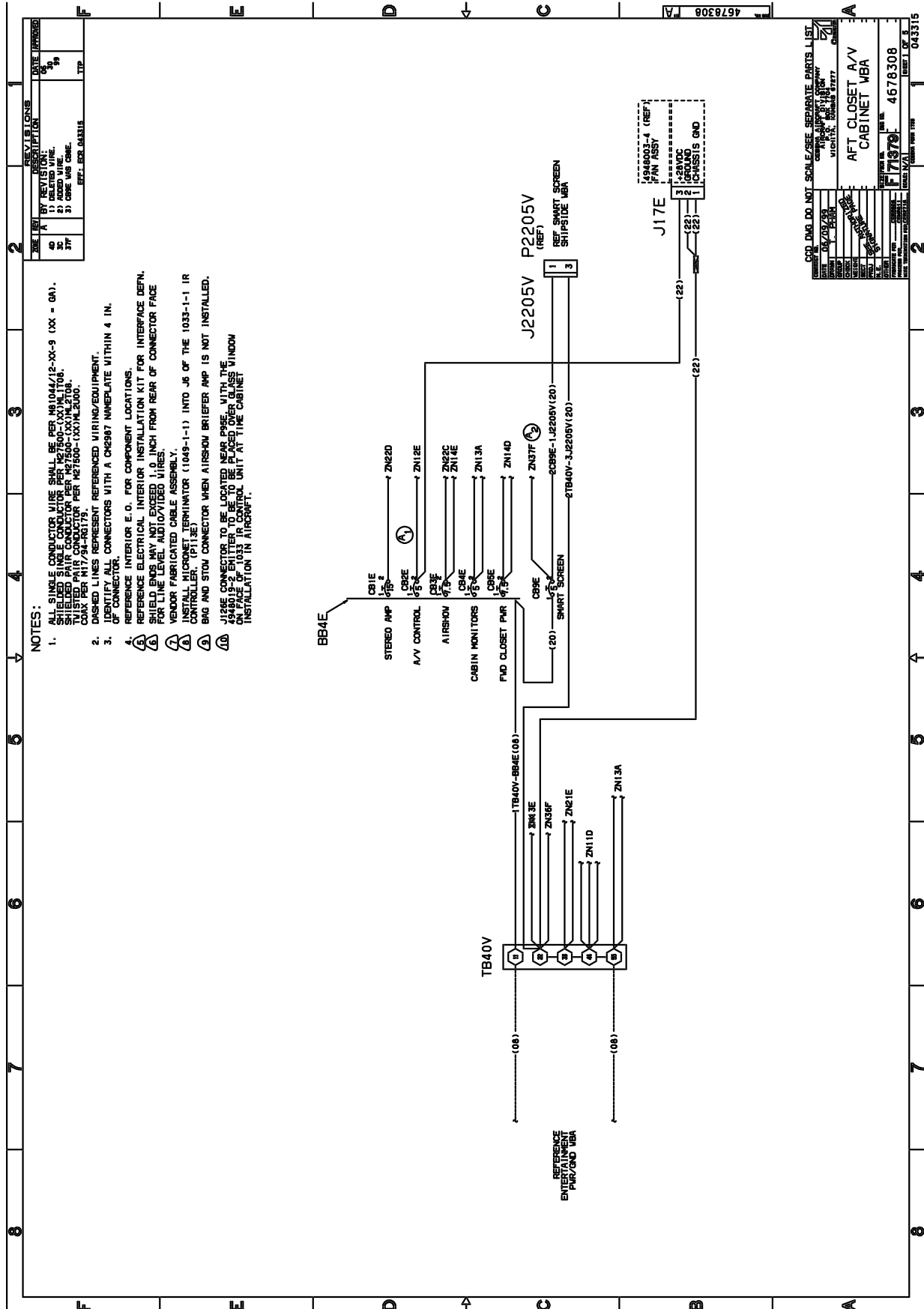
NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

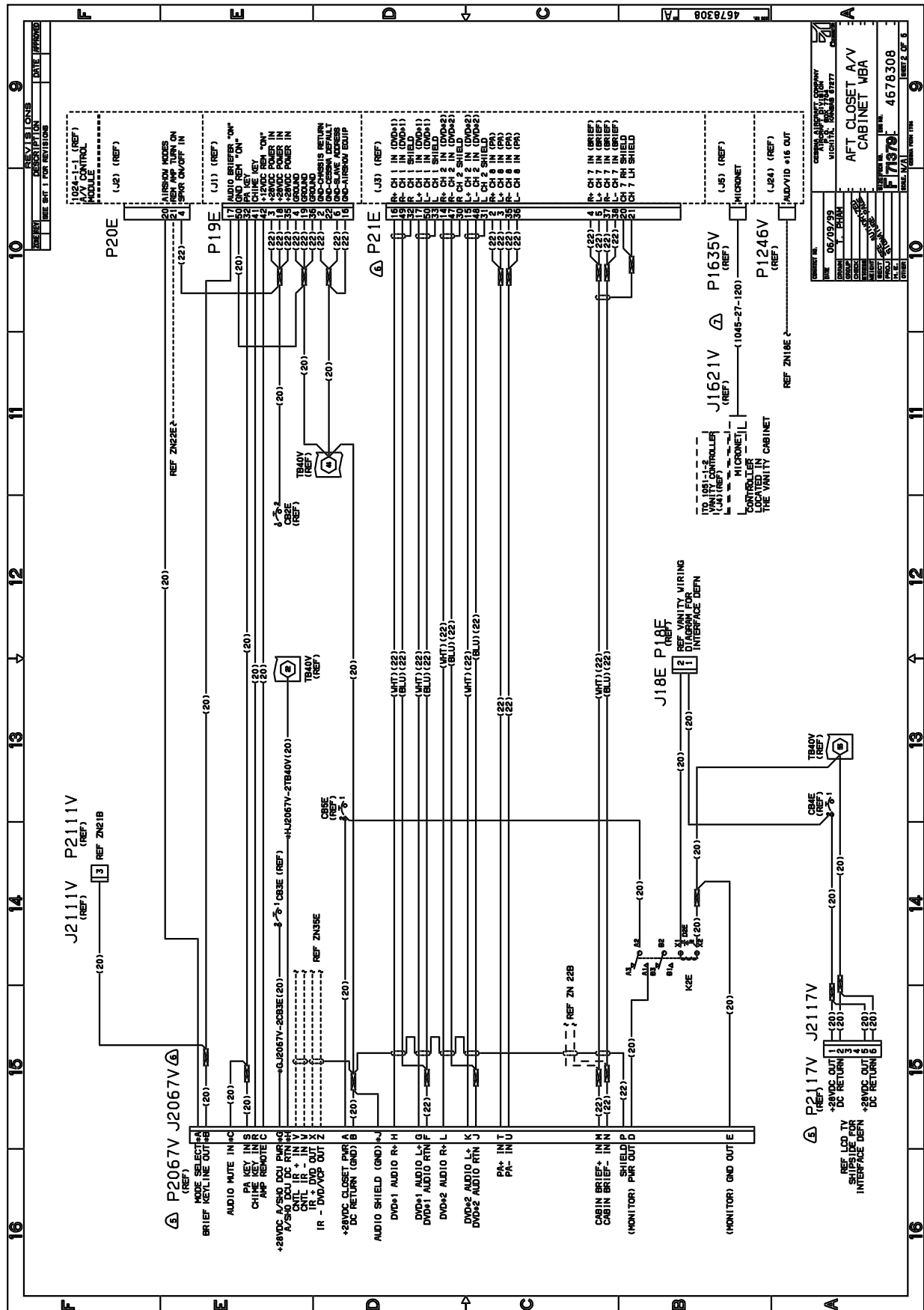
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MODEL 750

INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG



CESSNA AIRCRAFT COMPANY
MODEL 750



J	P	REF	CABLE
J2069V	P2069V	(REF)	
J2155V	P2155V	(REF)	
J2141V	P2141V	(REF)	IRRSKOV NETWORK M8A
J2136V	P2136V	(REF)	
J2049V	P2049V	(REF)	
J2051V	P2051V	(REF)	
J2059V	P2059V	(REF)	
J2053V	P2053V	(REF)	
J2061V	P2061V	(REF)	
J2055V	P2055V	(REF)	
J2063V	P2063V	(REF)	
J2057V	P2057V	(REF)	
J2065V	P2065V	(REF)	
J2045V	P2045V	(REF)	
J2047V	P2047V	(REF)	

CESSNA AIRCRAFT COMPANY
MODEL 750
 INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
	4678308-1	AFT CLOSET A/V CABINET WBA	
BB4E	AN961-10T	WASHER	
BB4E	MS35207-265	SCREW	
BB4E	MS35338-138	LOCK-WASHER	
BB4E	MS35650-304	NUT	
BB4E	6208009-5	BUS BAR HORIZ	
CB1E	S2899-15.0	CIRCUIT BREAKER	
CB2E	S2899-5.0	CIRCUIT BREAKER	
CB3E	S2899-7.5	CIRCUIT BREAKER	
CB4E	S2899-5.0	CIRCUIT BREAKER	
CB5E	S2899-7.5	CIRCUIT BREAKER	
CB9E	S2899-7.5	CIRCUIT BREAKER	
CU210V	1041-1-3	A/V BREAKOUT ADAPTER	59959
D2E	1N4006	DIODE	07688
J126E	S2216-4	SOCKET	
J126E	03-06-1023	RECEPTACLE	27264
J17E	S2099-8	CONTACT	
J17E	207360-1	CONNECTOR	00779
J18E	S2216-4	SOCKET	
J18E	03-06-1023	RECEPTACLE	27264
J2067V	MS3476L18-32S	CONNECTOR	
J2067V	S3074-18	STRAIN RELIEF	
J2069V	225396-8	BNC RCPT (RG179)	00779
J2075V	MS3474L14-12P	CONNECTOR	
J2075V	S3074-14	STRAIN RELIEF	
J2111V	S2099-6	CONTACT	
J2111V	207377-1	CONNECTOR	00779
J2117V	S2099-6	CONTACT	
J2117V	207377-1	CONNECTOR	00779
J2141V	225396-8	BNC RCPT (RG179)	00779
J2155V	225396-8	BNC RCPT (RG179)	00779
J2205V	S2099-6	CONTACT	
J2205V	207360-1	CONNECTOR	00779
J40E	DCMA37S	CONNECTOR	71468
J40E	DC20963	SHELL, JUNCTION	71468
J40E	D20419-21	LOCK	71468
J41E	DBMA25S	PLUG	71468
J41E	DB20962	BACK SHELL	71468
J41E	D20419-21	LOCK	71468
J42E	MS3476L20-16S	CONNECTOR	
J42E	S3074-20	STRAIN RELIEF	
K2E	M83536/9-024	RELAY	
K2E	451116-141	RELAY SOCKET	03743
P106E	274-289	1/8" MONO PLUG	43588
P113E	1049-1-1	TERMINATOR	59959
P16E	S2216-3	PIN	
P16E	03-06-2032	PLUG	27264
P19E	DDMA50P	CONNECTOR	71468
P19E	D50000KVL0	BACKSHELL	28198

NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
MODEL 750
 INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
	4678308-1	AFT CLOSET A/V CABINET WBA	
P20E	DDMA50P	CONNECTOR	71468
P20E	D50000KVL0	BACKSHELL	28198
P21E	DDMA50S	CONNECTOR	71468
P21E	D50000KVL0	BACKSHELL	28198
P22E	CBD8W8F00JVL0	COAXIAL D-CONNECTORS	28198
P22E	FC4102D	COAXIAL CONTACT	28198
P95E	MC7520D	CONTACTS	28198
P95E	SD50M00JVLZ	CONNECTOR	28198
TB40V	AN961-10T	WASHER	
TB40V	MS18029-2S5	COVER	
TB40V	MS25226-4-4	BUS BAR	
TB40V	MS27212-2-5	TERMINAL BOARD	
TB40V	MS35338-138	LOCK-WASHER	
TB40V	MS35650-304	NUT	

NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
J1404V	4678086-1	GENESYS COCKPIT OVERHEAD WBA	
J1405V	225396-8	BNC RCPT (RG179)	00779
J1405V	S2216-4	SOCKET (2)	
J1405V	03-06-1032	CONNECTOR	27264
P1403V	15875	CONNECTOR	74868
P1420V	S2216-3	PIN (2)	
P1420V	03-06-2032	PLUG	27264

NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
L133V	4638001-4	CABIN DOOR THRESHOLD LIGHT ASSY WBA	
P995V	V6W1S28BKIO	CABIN DOOR THRESHOLD LT	0A485
P995V	S2216-3	PIN	
	03-06-2023	CONNECTOR	27264

NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
L239V	4638001-9	AISLE LIGHT ASSY WBA (LH AFT, RH FWD)	
P977V	S2800-270	LIGHT	
P977V	S2216-3	PIN	
P977V	03-06-2023	CONNECTOR	27264

NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
	4638001-11	AISLE LIGHT ASSY WBA (LH FWD)	
D244V	6208031-113	3 AMP DIODE ASSY	
D245	6208031-113	3 AMP DIODE ASSY	
L241V	S2800-272	LIGHT	
P969V	S2216-3	PIN	
P969V	03-06-2032	PLUG	27264

NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

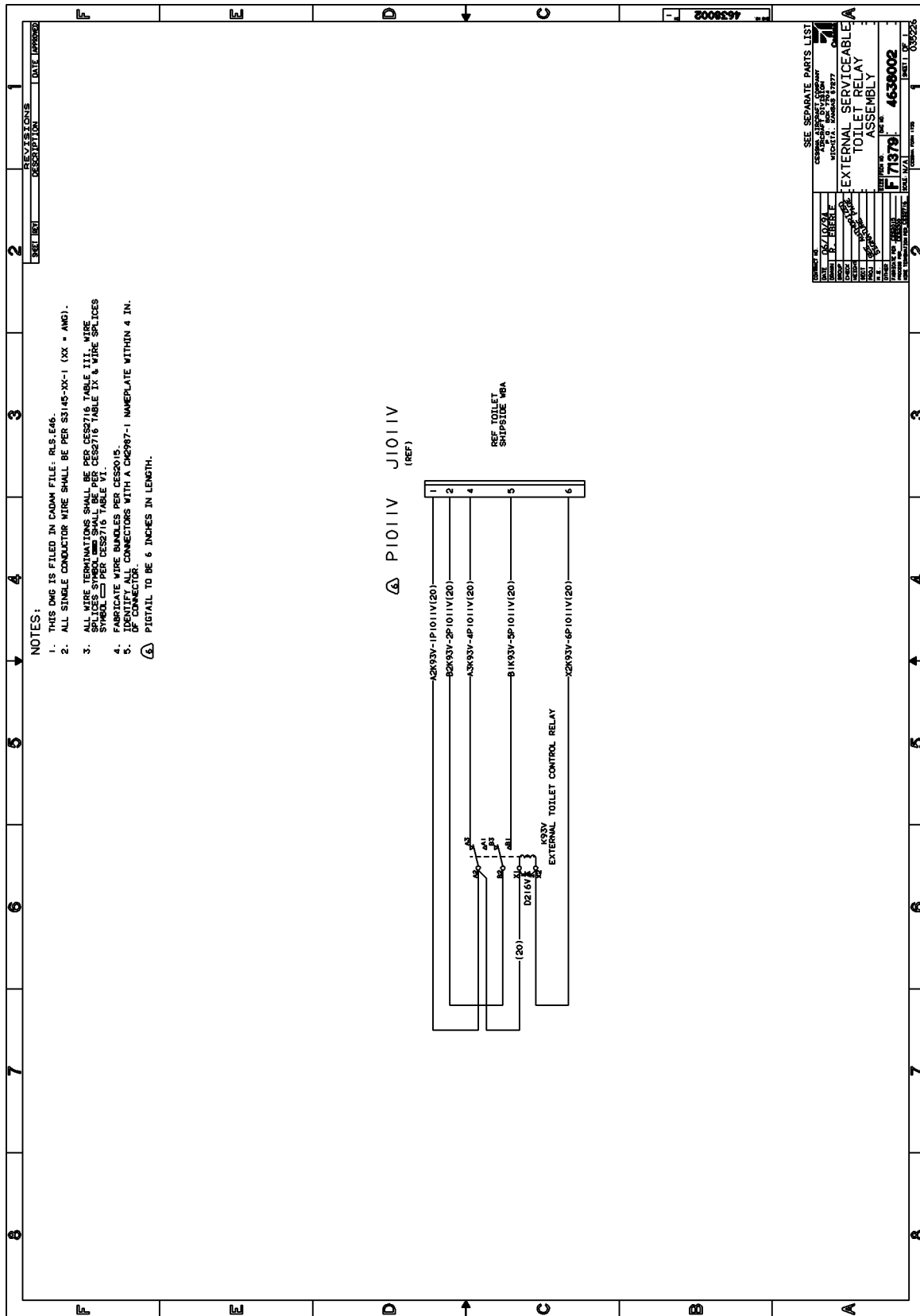
Ref Des.	Part Number	Description	Vendor
D256V	4638001-12	AISLE LIGHT ASSY WBA (RH AFT)	
D257V	6208031-113	3 AMP DIODE ASSY	
L240V	6208031-113	3 AMP DIODE ASSY	
P978V	S2800-271	LIGHT	
P978V	S2216-3	PIN	
P978V	03-06-2032	PLUG	27264

NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY

MODEL 750

INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG



CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
D216V	4638002-1	TOILET RELAY ASSY WBA	
K93V	1N4006	DIODE	07688
P1011V	CM3871	RELAY	
P1011V	207376-1	CONNECTOR	00779
P1011V	66103-1	PIN	00779

NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
J148F	4638003-2	TOILET FLUSH SWITCH ASSY	
J148F	M39029/22-192	CONTACT	
P1032V	18-200	CONNECTOR	32245
P1032V	1-480699-0	RECEPTACLE	00779
P1032V	350689-1	SOCKET	00779
P1062V	S2216-3	PIN	
P1062V	03-06-2023	CONNECTOR	27264
S1F	95-42-22B6-62603	TOILET FLUSH SWITCH	32245

NOTE: Parts not available as complete installations

MODEL 750

INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

ZONE		REV		REVISIONS		DATE APPROVED	
1	2	3	4	5	6	7	8
A		BY REVISION:		DESCRIPTION		DATE APPROVED	
B		BY REVISION:		DESCRIPTION		DATE APPROVED	
C		BY REVISION:		DESCRIPTION		DATE APPROVED	
D		BY REVISION:		DESCRIPTION		DATE APPROVED	
E		BY REVISION:		DESCRIPTION		DATE APPROVED	
F		BY REVISION:		DESCRIPTION		DATE APPROVED	

NOTES:

- THIS DWG IS FILED IN CADD FILE: RLS.E46.
- ALL SINGLE CONDUCTOR WIRE SHALL BE PER 53145-XC-1 (XX - AND).
- ALL WIRE TERMINATIONS SHALL BE PER CES2716 TABLE I, I, WIRE SPLICES SYMBOL  SHALL BE PER CES2716 TABLE IX & WIRE SPLICES SYMBOL  PER CES2716 TABLE VI.
- FABRICATE WIRE BUNDLES PER CES2015.
- IDENTIFY ALL CONNECTORS WITH A CH2987 NAMEPLATE WITHIN 4 IN. OF CONNECTOR.
- ATTACH THE WIRING TO THE INDICATOR SIGN USING RING TERMINALS P/N 51863-3.
- INDICATOR SIGN REQUIRES 6 INCH PIGTAIL.
- INDICATOR SIGN REQUIRES 36 INCH PIGTAIL.

Ref Emergency Lighting / Cabin Entry

L277V  P991V 

1-1L277V-IP991V(20)-
2-2L277V-2P991V(20)-

① INDICATOR SIGN (VERTICAL) WIRING ASSEMBLY

4638004

QDD DWG DO NOT SCALE / SEE SEPARATE PARTS LIST

DATE: 02/08/14
DRAWN: R. B. BERNER
CHECKED: J. L. BERNER
APPROVED: J. L. BERNER
PART: 4638004
WIRING ASSEMBLY
EXIT INDICATOR SIGN
WIRING ASSEMBLY
F71379
4638004
1 OF 2

CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
L277V	4638004-1	EXIT SIGN (VERTICAL) WBA	
P991V	BR9424-031	EXIT SIGN	17023
P991V	S2216-3	PIN	
P991V	03-06-2023	CONNECTOR	27264

NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
L276V	4638004-2	EXIT SIGN (HORIZONTAL) WBA	
P964V	BR9424-033	EXIT SIGN	17023
P964V	S2216-3	PIN	
P964V	03-06-2023	CONNECTOR	27264

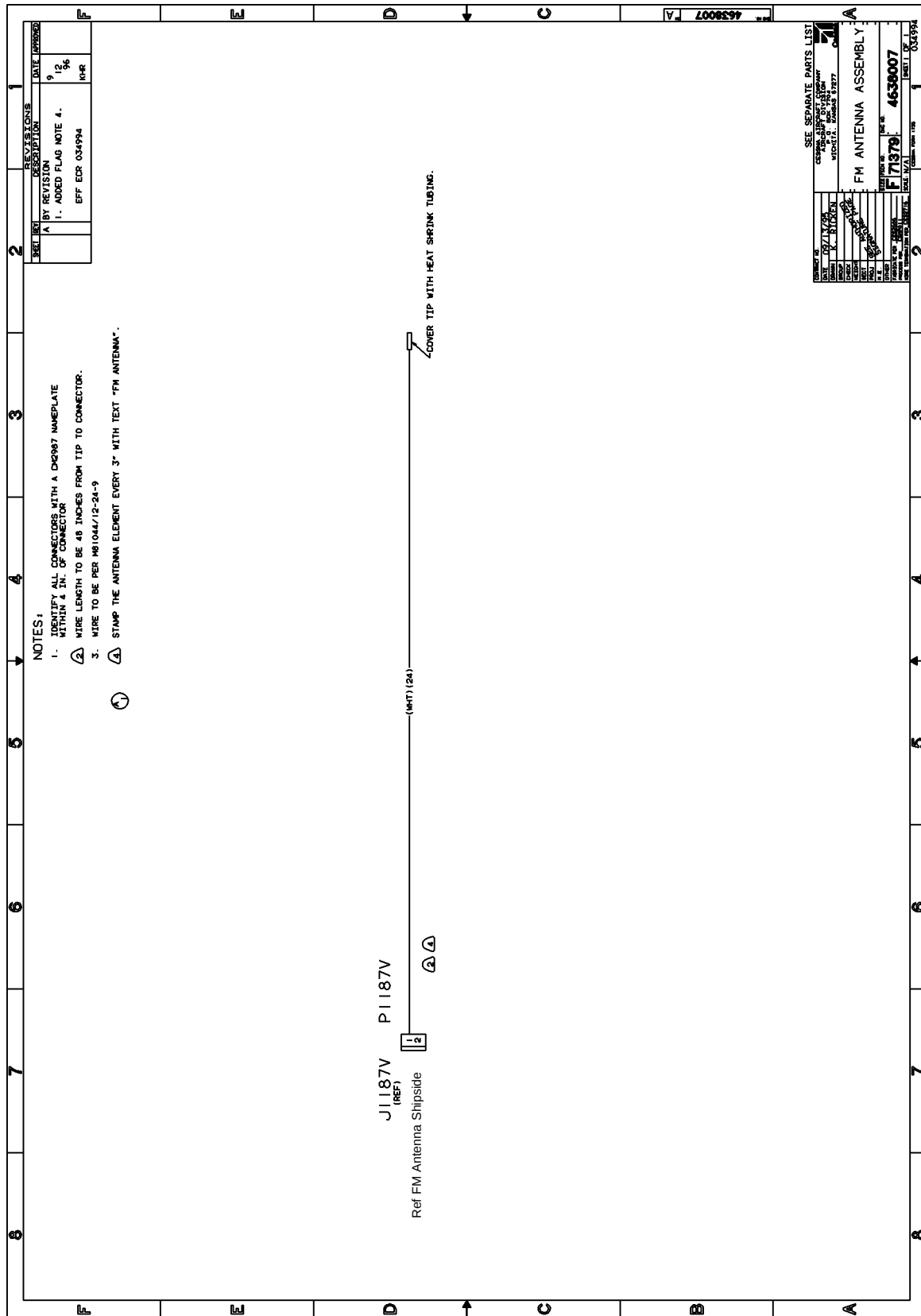
NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
L278V	4638005-1	NS/FSB SIGN WBA	
P996V	BR9418-001	SIGN, N.S.F.S.B.	17023
	75019-106P	CONNECTOR	11139

NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
MODEL 750
 INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG



CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
P1187V	4638007-1	FM ANTENNA ASSY	
P1187V	S2216-3	PIN	
P1187V	03-06-2023	CONNECTOR	27264

NOTE: Parts not available as complete installations

MODEL 750

INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

REV.	DESCRIPTION	DATE	BY	CHKD	APP'D
1	ADDED WIRE 2.	01/14/94	JLC		
2	ADDED WIRE 3.	01/14/94	JLC		
3	ADDED WIRE 4.	01/14/94	JLC		
4	ADDED WIRE 5.	01/14/94	JLC		
5	ADDED WIRE 6.	01/14/94	JLC		
6	ADDED WIRE 7.	01/14/94	JLC		
7	ADDED WIRE 8.	01/14/94	JLC		
8	ADDED WIRE 9.	01/14/94	JLC		

NOTES:

- IDENTIFY ALL CONNECTORS WITH A 042987 NAMEPLATE WITHIN 4 IN. OF CONNECTOR.
- PINAIL FROM RING TERMINAL TO CONNECTOR TO BE 8 INCHES IN LENGTH.
- PIN'S 241588 AND 241589 BOTH CONSIST OF A SET (PAIR) OF CONTACTS WITH FULL SETS OF TERMINALS.
- WIRES DO NOT HAVE TO BE STAMPED.

DETAIL B
(VIEW LOOKING AT TOP OF HOUSING)

-3 ASSEMBLY INSTRUCTIONS

- OBTAIN P/N 241588 WIRELESS CONTACT FROM STOCK. DO NOT REMOVE ANY CONTACTS.
- ADJUST THE SPRING LOADED CONTACTS TO THE LOWEST POSITION POSSIBLE BY TIGHTENING THE SPRING CONTACT ADJUSTMENT NUT TO THE HOUSING BASE AS SHOWN ABOVE.
- USING RING TERMINALS WIRE FROM END TERMINAL TO PIN 1 OF CONNECTOR. PROCEED TO WIRE TERMINALS 2, 3, 4 AND 5 IN ORDER AS RELATED TO THE CONNECTOR.
- PLACE THE LOCK NUTS AND RING TERMINALS ON THE THREADED CONTACT STUDS IN THE CORRECT NUMERICAL ORDER AND TIGHTEN SECURELY WITH THE TERMINAL SECURING NUTS AS SHOWN ABOVE.
- USING A METAL STAMP, STAMP A #1 NEXT TO THE CONTACT WHICH CORRESPONDS TO PIN 1 OF THE CONNECTOR. FILL THE STAMPED NUMBER WITH A WHITE PERMANENT INK. (SEE DETAIL B)

-4 ASSEMBLY INSTRUCTIONS

- OBTAIN P/N 241588 WIRELESS CONTACT FROM STOCK. DO NOT REMOVE ANY CONTACTS.
- ADJUST THE SPRING LOADED CONTACTS TO A HEIGHT OF .125 INCHES ABOVE HOUSING SURFACE BY ADJUSTING THE SPRING CONTACT ADJUSTMENT NUT TO THE HOUSING BASE AS SHOWN ABOVE.
- USING RING TERMINALS WIRE FROM END TERMINAL TO PIN 1 OF CONNECTOR. PROCEED TO WIRE TERMINALS 2, 3, 4 AND 5 IN ORDER AS RELATED TO THE CONNECTOR.
- PLACE THE LOCK NUTS AND RING TERMINALS ON THE THREADED CONTACT STUDS IN THE CORRECT NUMERICAL ORDER AND TIGHTEN SECURELY WITH THE TERMINAL SECURING NUTS AS SHOWN ABOVE. VERIFY THAT THE CONTACT HEIGHT IS STILL .125.
- USING A METAL STAMP, STAMP A #1 NEXT TO THE CONTACT WHICH CORRESPONDS TO PIN 1 OF THE CONNECTOR. FILL THE STAMPED NUMBER WITH A WHITE PERMANENT INK. (SEE DETAIL B)

4 ELECTRIC SHADE POWER CONNECTOR ASSY

4638009

4638009

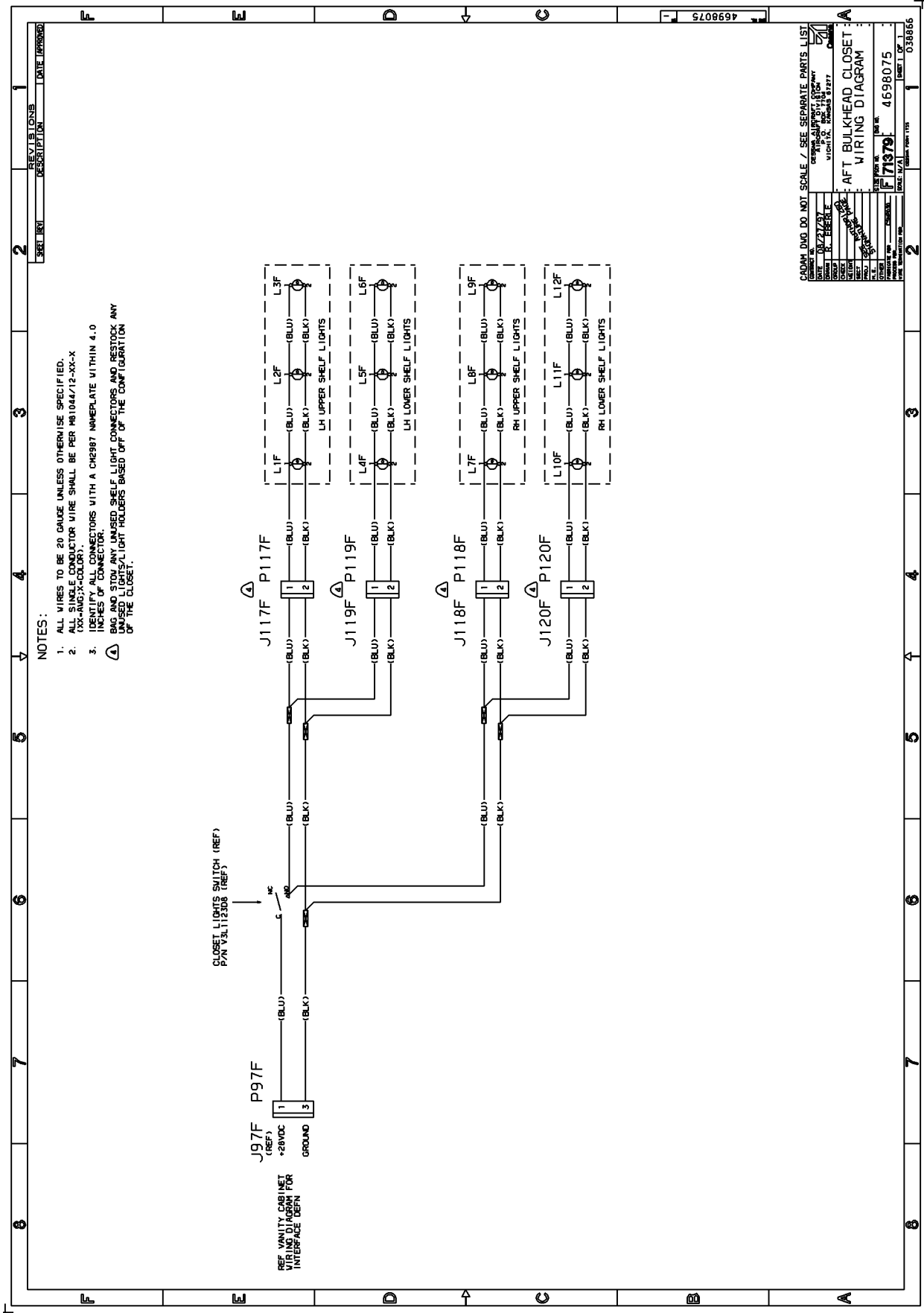
CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
P1488V	4638009-3&4	ELECTRIC SHADE PWR CONN ASSY WBA	
P1488V	1-480764-0	CONNECTOR	00779
P1488V	350690-1	PIN	00779
J1490V	1-480763-0	CONNECTOR	00779
J1490V	350689-1	SOCKET	00779

NOTE: Parts not available as complete installations

MODEL 750

INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG



CHAM DNG DO NOT SCALE / SEE SEPARATE PARTS LIST

CHARTER TO: 7/27/2017
CHARTER BY: R. H. H. H.
CHARTER NO: 4698075
CHARTER DATE: 7/27/2017

CHARTER NO: 4698075
CHARTER DATE: 7/27/2017
CHARTER BY: R. H. H. H.
CHARTER NO: 4698075
CHARTER DATE: 7/27/2017
CHARTER BY: R. H. H. H.

CHARTER NO: 4698075
CHARTER DATE: 7/27/2017
CHARTER BY: R. H. H. H.
CHARTER NO: 4698075
CHARTER DATE: 7/27/2017
CHARTER BY: R. H. H. H.

CHARTER NO: 4698075
CHARTER DATE: 7/27/2017
CHARTER BY: R. H. H. H.
CHARTER NO: 4698075
CHARTER DATE: 7/27/2017
CHARTER BY: R. H. H. H.

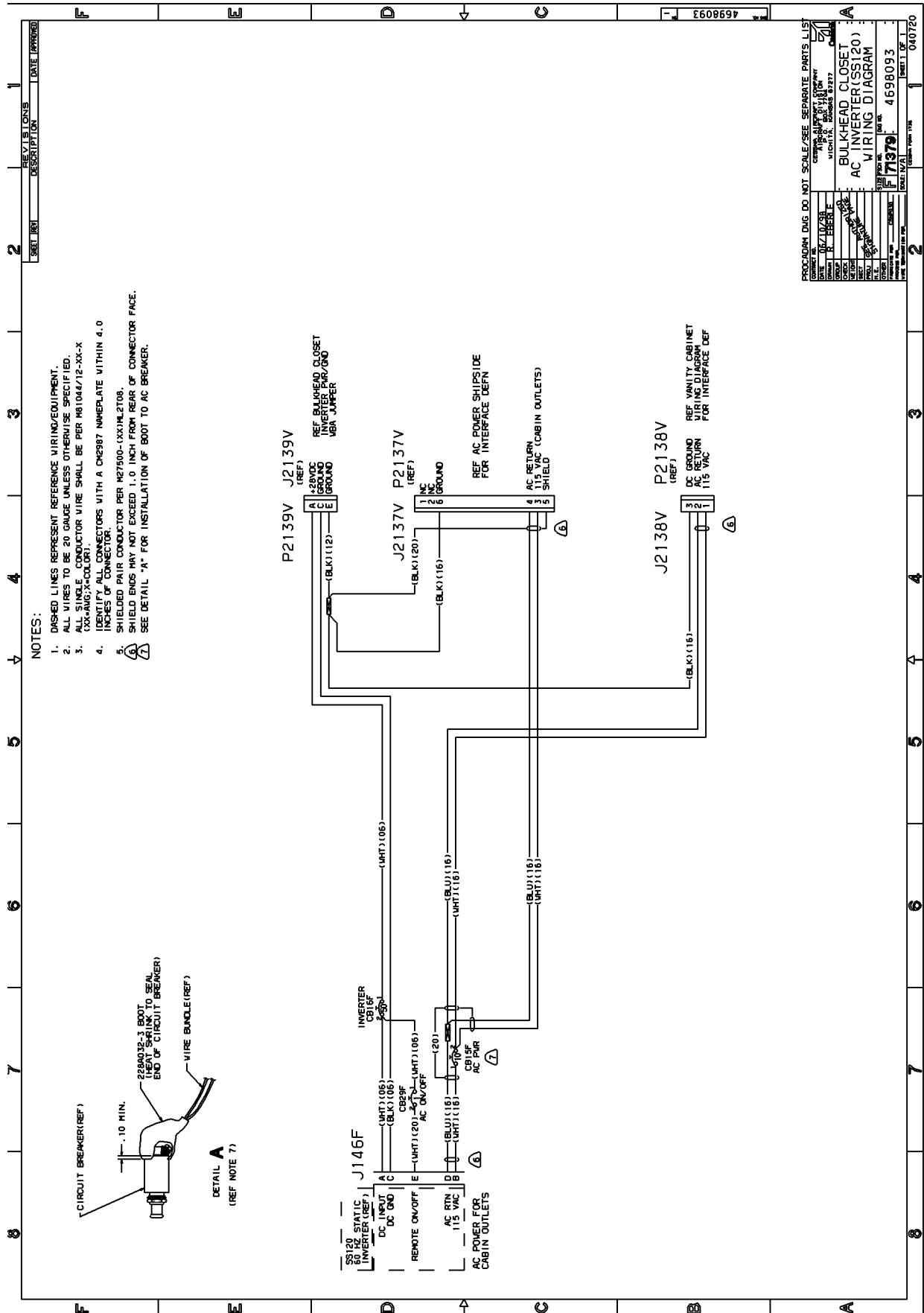
CESSNA AIRCRAFT COMPANY
MODEL 750
 INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
	4698075-1	AFT BULKHEAD CLOSET WBA	
J117F	S2216-4	SOCKET	
J117F	03-06-1023	RECEPTACLE	27264
J118F	S2216-4	SOCKET	
J118F	03-06-1023	RECEPTACLE	27264
J119F	S2216-4	SOCKET	
J119F	03-06-1023	RECEPTACLE	27264
J120F	S2216-4	SOCKET	
J120F	03-06-1023	RECEPTACLE	27264
L1F	MS25231-313	LAMP	
L1F	7-06	LAMP HOLDER	95263
L10F	MS25231-313	LAMP	
L10F	7-06	LAMP HOLDER	95263
L11F	MS25231-313	LAMP	
L11F	7-06	LAMP HOLDER	95263
L12F	MS25231-313	LAMP	
L12F	7-06	LAMP HOLDER	95263
L2F	MS25231-313	LAMP	
L2F	7-06	LAMP HOLDER	95263
L3F	MS25231-313	LAMP	
L3F	7-06	LAMP HOLDER	95263
L4F	MS25231-313	LAMP	
L4F	7-06	LAMP HOLDER	95263
L5F	MS25231-313	LAMP	
L5F	7-06	LAMP HOLDER	95263
L6F	MS25231-313	LAMP	
L6F	7-06	LAMP HOLDER	95263
L7F	MS25231-313	LAMP	
L7F	7-06	LAMP HOLDER	95263
L8F	MS25231-313	LAMP	
L8F	7-06	LAMP HOLDER	95263
L9F	MS25231-313	LAMP	
L9F	7-06	LAMP HOLDER	95263
P117F	S2216-3	PIN	
P117F	03-06-2023	CONNECTOR	27264
P118F	S2216-3	PIN	
P118F	03-06-2023	CONNECTOR	27264
P119F	S2216-3	PIN	
P119F	03-06-2023	CONNECTOR	27264
P120F	S2216-3	PIN	
P120F	03-06-2023	CONNECTOR	27264
P97F	S2353-3	PIN	
P97F	207359-1	CONNECTOR	00779

NOTE: Parts not available as complete installations

MODEL 750

INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG



CESSNA AIRCRAFT COMPANY
MODEL 750
 INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
	4698093-1	BULKHEAD CLOSET AC INVERTER WBA	
CB15F	S2899-10.0	CIRCUIT BREAKER	
CB15F	228A032-3	BOOT	08795
CB16F	700-001-50	CIRCUIT BREAKER	76374
CB29F	S2899-1.0	CIRCUIT BREAKER	
J146F	MS3057-16A	CLAMP	
J146F	MS3106A24-12S	CONNECTOR	
J2137V	1-480707-0	CONNECTOR	00779
J2137V	350550-1	SOCKET	00779
J2138V	1-480700-0	AMP PLUG	00779
J2138V	350550-1	SOCKET	00779
P2139V	MS3057-16A	CLAMP	
P2139V	MS3100A24-12PW	CONNECTOR	

NOTE: Parts not available as complete installations

8	7	6	5	4	3	2	1
NOTES: - THIS Dwg IS FILED IN CDWM FILE, RLS.E46. - ALL WIRE TERMINATIONS SHALL BE PER CS5017. - FABRICATE WIRE BUNDLES PER CS5004. - IDENTIFY ALL CONNECTORS WITH A CQ2087-1 NAMEPLATE WITHIN 4 IN. OF CONNECTOR. - WIRE TERMINATION AT AFT DIVIDER LIGHTS TO BE P/N 51863-3. - REF SIDELEDGE ASSY DRAWING FOR INSTL OF DIVIDER LIGHT. - PIGTAIL FROM LIGHT TO BE 6 INCHES IN LENGTH.							
Ref Master Control Panel Interface J933V/ J980V (REF) P933V ⚠ 1 2 REF SHIPSIDE REF INTERFACE DEFN REF SIDELEDGE LIGHT AFT DIVIDER LIGHT (WHT)(20) (BLK)(20) 1 2							

CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
P933V	4698014-1	AFT DIVIDER LIGHT WIRE DIAGRAM	
P933V	S2216-3	PIN	
P933V	03-06-2032	PLUG	27264
	GE301	LIGHT BULB	08806

NOTE: Parts not available as complete installations

WIRING DIAGRAM

PROJECT NO. 09/11/97
DESIGNER R. RODRIGUEZ
CHECKED J. RODRIGUEZ
DATE 09/11/97
REVISIONS

REV	DATE	DESCRIPTION
1	09/11/97	SEE SHEET 1 FOR REVISIONS

COMPONENTS:

- REF ZN14E (CB27F) (REF)
- REF ZN14F (CB27F) (REF)
- REF ZN14G (CB27F) (REF)
- REF ZN14H (CB27F) (REF)
- REF ZN14I (CB27F) (REF)
- REF ZN14J (CB27F) (REF)
- REF ZN14K (CB27F) (REF)
- REF ZN14L (CB27F) (REF)
- REF ZN14M (CB27F) (REF)
- REF ZN14N (CB27F) (REF)
- REF ZN14O (CB27F) (REF)
- REF ZN14P (CB27F) (REF)
- REF ZN14Q (CB27F) (REF)
- REF ZN14R (CB27F) (REF)
- REF ZN14S (CB27F) (REF)
- REF ZN14T (CB27F) (REF)
- REF ZN14U (CB27F) (REF)
- REF ZN14V (CB27F) (REF)
- REF ZN14W (CB27F) (REF)
- REF ZN14X (CB27F) (REF)
- REF ZN14Y (CB27F) (REF)
- REF ZN14Z (CB27F) (REF)

WIRING CONNECTIONS:

- REF ZN14E (CB27F) (REF) to REF ZN14F (CB27F) (REF)
- REF ZN14F (CB27F) (REF) to REF ZN14G (CB27F) (REF)
- REF ZN14G (CB27F) (REF) to REF ZN14H (CB27F) (REF)
- REF ZN14H (CB27F) (REF) to REF ZN14I (CB27F) (REF)
- REF ZN14I (CB27F) (REF) to REF ZN14J (CB27F) (REF)
- REF ZN14J (CB27F) (REF) to REF ZN14K (CB27F) (REF)
- REF ZN14K (CB27F) (REF) to REF ZN14L (CB27F) (REF)
- REF ZN14L (CB27F) (REF) to REF ZN14M (CB27F) (REF)
- REF ZN14M (CB27F) (REF) to REF ZN14N (CB27F) (REF)
- REF ZN14N (CB27F) (REF) to REF ZN14O (CB27F) (REF)
- REF ZN14O (CB27F) (REF) to REF ZN14P (CB27F) (REF)
- REF ZN14P (CB27F) (REF) to REF ZN14Q (CB27F) (REF)
- REF ZN14Q (CB27F) (REF) to REF ZN14R (CB27F) (REF)
- REF ZN14R (CB27F) (REF) to REF ZN14S (CB27F) (REF)
- REF ZN14S (CB27F) (REF) to REF ZN14T (CB27F) (REF)
- REF ZN14T (CB27F) (REF) to REF ZN14U (CB27F) (REF)
- REF ZN14U (CB27F) (REF) to REF ZN14V (CB27F) (REF)
- REF ZN14V (CB27F) (REF) to REF ZN14W (CB27F) (REF)
- REF ZN14W (CB27F) (REF) to REF ZN14X (CB27F) (REF)
- REF ZN14X (CB27F) (REF) to REF ZN14Y (CB27F) (REF)
- REF ZN14Y (CB27F) (REF) to REF ZN14Z (CB27F) (REF)

NOTES:

- SEE SHEET 1 FOR REVISIONS
- SEE SHEET 2 OF 3

CESSNA AIRCRAFT COMPANY
MODEL 750
 INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
	4698076-1	VANITY CABINET WBA	
BB1F	6208009-4	BUS BAR HORIZ	
CB10F	S2899-5.0	CIRCUIT BREAKER	
CB11F	S2899-5.0	CIRCUIT BREAKER	
CB13F	S2899-7.5	CIRCUIT BREAKER	
CB20F	S2899-7.5	CIRCUIT BREAKER	
CB27F	S2899-10.0	CIRCUIT BREAKER	
D15F	1N4006	DIODE	07688
D16F	1N4006	DIODE	07688
D2F	1N4006	DIODE	07688
D6F	1N4006	DIODE	07688
D7F	1N4006	DIODE	07688
J100F	DAMA15S	CONNECTOR	71468
J100F	D20419-21	LOCK	71468
J100F	S2492-1	CLAMP	
J107F	1-480700-0	AMP PLUG	00779
J107F	350689-1	SOCKET	00779
J111F	DDMA50S	CONNECTOR	71468
J111F	D50000KVL0	BACKSHELL	28198
J116F	MS3057-10A	CLAMP, CABLE	
J116F	MS3106A18-10S	CONNECTOR	
J122F	1-480700-0	AMP PLUG	00779
J122F	350550-1	SOCKET	00779
J126F	S2216-4	SOCKET	
J126F	03-06-1023	RECEPTACLE	27264
J1623V	MS3474L16-26S	CONNECTOR	
J1623V	S3074-16	STRAIN RELIEF	
J20F	S2216-4	SOCKET	
J20F	03-06-1023	RECEPTACLE	27264
J21F	S2216-4	SOCKET	
J21F	03-06-1023	RECEPTACLE	27264
J22F	S2216-4	SOCKET	
J22F	03-06-1023	RECEPTACLE	27264
J23F	S2216-4	SOCKET	
J23F	03-06-1023	RECEPTACLE	27264
J24F	S2216-4	SOCKET	
J24F	03-06-1023	RECEPTACLE	27264
J25F	S2216-4	SOCKET	
J25F	03-06-1023	RECEPTACLE	27264
J26F	S2216-4	SOCKET	
J26F	03-06-1023	RECEPTACLE	27264
J27F	S2216-4	SOCKET	
J27F	03-06-1023	RECEPTACLE	27264
J28F	S2216-4	SOCKET	
J28F	03-06-1023	RECEPTACLE	27264
J965V	S2099-8	CONTACT	
J965V	207376-1	CONNECTOR	00779

NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
MODEL 750
 INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
	4698076-1	VANITY CABINET WBA	
K15F	M83536/9-024	RELAY	
K15F	451116-141	RELAY SOCKET	03743
K16F	M83536/9-024	RELAY	
K16F	451116-141	RELAY SOCKET	03743
K2F	M83536/9-024	RELAY	
K2F	451116-141	RELAY SOCKET	03743
P101F	31019	PIN	59579
P101F	31052	WIRE	59579
P101F	61260	CONNECTOR	59579
P102F	31019	PIN	59579
P102F	31052	WIRE	59579
P102F	61260	CONNECTOR	59579
P103F	31019	PIN	59579
P103F	31052	WIRE	59579
P103F	61260	CONNECTOR	59579
P104F	31019	PIN	59579
P104F	31028	3/4 X 3/16 SHRINK TUBING	59579
P104F	31047	ELECTRICAL WIRE	59579
P104F	61206	CONNECTOR	59579
P105F	AL5113	CONNECTOR	59579
P106F	AL5113	CONNECTOR	59579
P107F	1-480701-0	CONNECTOR (CAP)	00779
P107F	350690-1	PIN	00779
P110F	DDMA50P	CONNECTOR	71468
P110F	D50000KVL0	BACKSHELL	28198
P112F	S2350-2	RECEPTACLE	
P112F	S2353-3	PIN	
P1185V	75019-106P	CONNECTOR	11139
P126F	S2216-3	PIN	
P126F	03-06-2023	CONNECTOR	27264
P18E	S2216-3	PIN	
P18E	03-06-2023	CONNECTOR	27264
P20F	S2216-3	PIN	
P20F	03-06-2023	CONNECTOR	27264
P2026V	S2216-3	PIN	
P2026V	03-06-2032	PLUG	27264
P21F	S2216-3	PIN	
P21F	03-06-2023	CONNECTOR	27264
P2138V	1-480701-0	CONNECTOR (CAP)	00779
P2138V	350547-1	PIN	00779
P22F	S2216-3	PIN	
P22F	03-06-2023	CONNECTOR	27264
P23F	S2216-3	PIN	
P23F	03-06-2023	CONNECTOR	27264
P24F	S2216-3	PIN	
P24F	03-06-2023	CONNECTOR	27264

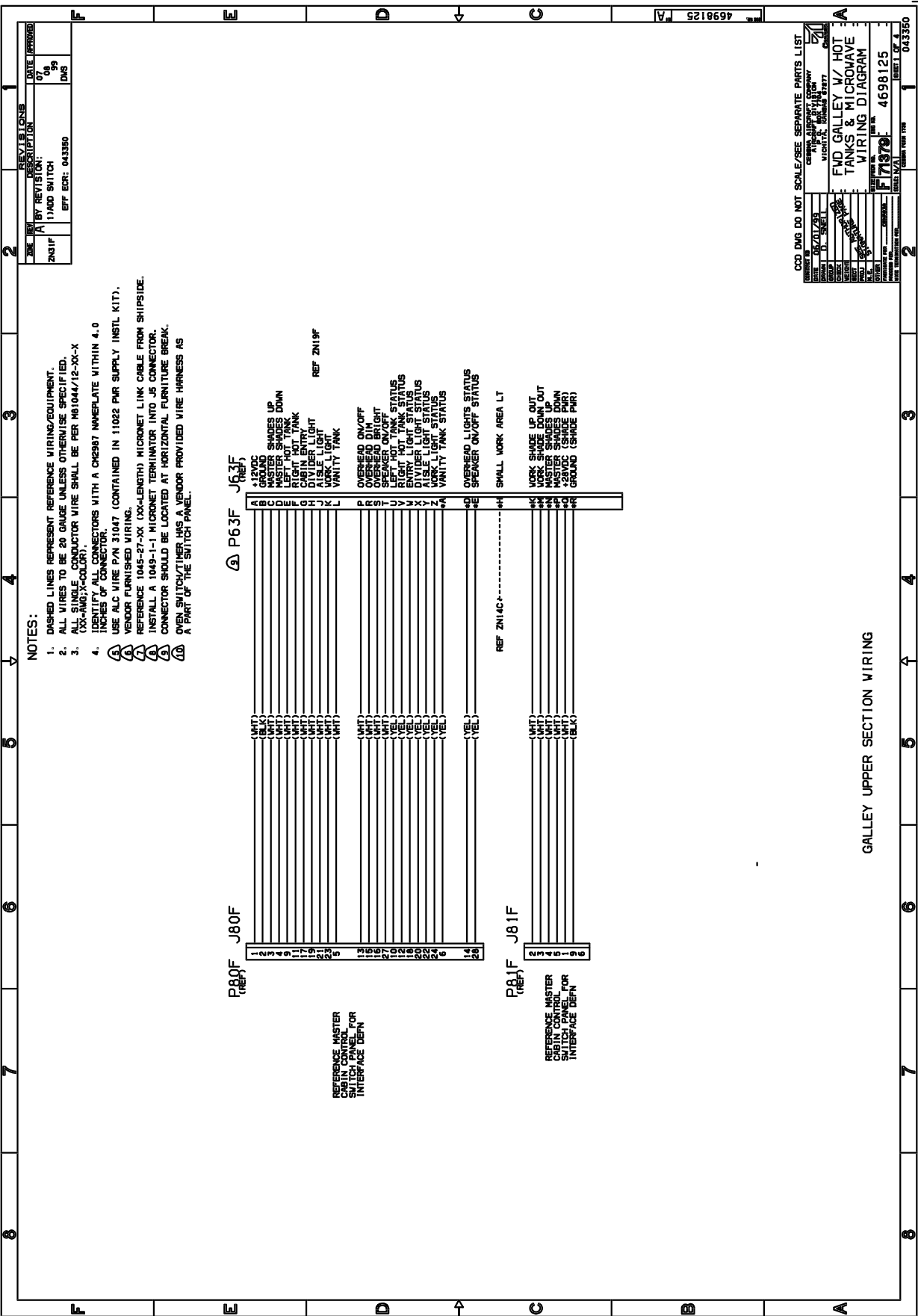
NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
MODEL 750
 INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
	4698076-1	VANITY CABINET WBA	
P25F	S2216-3	PIN	
P25F	03-06-2023	CONNECTOR	27264
P26F	S2216-3	PIN	
P26F	03-06-2023	CONNECTOR	27264
P27F	S2216-3	PIN	
P27F	03-06-2023	CONNECTOR	27264
P28F	S2216-3	PIN	
P28F	03-06-2023	CONNECTOR	27264
P971V	S2216-3	PIN	
P971V	03-06-2023	CONNECTOR	27264
TB24V	AN960C10	WASHER	
TB24V	MS18029-2S4	COVER	
TB24V	MS25226-4-3	BUS BAR	
TB24V	MS27212-2-4	TERMINAL BD	
TB24V	MS35338-138	LOCK-WASHER	
TB24V	MS35650-304	NUT	

NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
MODEL 750



CESSNA AIRCRAFT COMPANY
MODEL 750
 INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
	4698125-1	FWD GALLEY W/MICROWAVE & HOT TANKS WIRING DIAGRAM	
BB4F	6208009-3	BUS BAR HORIZ	
CB1F	S2899-5.0	CIRCUIT BREAKER	
CB2F	S2899-5.0	CIRCUIT BREAKER	
CB25F	700-001-50	CIRCUIT BREAKER	76374
CB3F	S2899-5.0	CIRCUIT BREAKER	
CB4F	S2899-5.0	CIRCUIT BREAKER	
D10F	1N4006	DIODE	07688
D11F	1N4006	DIODE	07688
D9F	1N4006	DIODE	07688
J1F	S2216-4	SOCKET	
J1F	03-06-1023	RECEPTACLE	27264
J10F	S2216-4	SOCKET	
J10F	03-06-1023	RECEPTACLE	27264
J11F	S2216-4	SOCKET	
J11F	03-06-1023	RECEPTACLE	27264
J12F	S2216-4	SOCKET	
J12F	03-06-1023	RECEPTACLE	27264
J13F	S2216-4	SOCKET	
J13F	03-06-1023	RECEPTACLE	27264
J161F	S2216-4	SOCKET	
J161F	03-06-1042	CONNECTOR	27264
J1617V	1049-1-1	TERMINATOR	59959
J2F	S2216-4	SOCKET	
J2F	03-06-1023	RECEPTACLE	27264
J3F	S2216-4	SOCKET	
J3F	03-06-1023	RECEPTACLE	27264
J4F	S2216-4	SOCKET	
J4F	03-06-1023	RECEPTACLE	27264
J5F	S2216-4	SOCKET	
J5F	03-06-1023	RECEPTACLE	27264
J6F	S2216-4	SOCKET	
J6F	03-06-1023	RECEPTACLE	27264
J63F	MS3126F20-41S	PLUG	
J63F	S3074-20	STRAIN RELIEF	
J67F	DDMA50S	CONNECTOR	71468
J67F	D50000KVL0	BACKSHELL	28198
J7F	S2216-4	SOCKET	
J7F	03-06-1023	RECEPTACLE	27264
J79F	1-480707-0	CONNECTOR	00779
J79F	350550-1	SOCKET	00779
J8F	S2216-4	SOCKET	
J8F	03-06-1023	RECEPTACLE	27264
J80F	DCMA37S	CONNECTOR	71468
J80F	DC20963	SHELL, JUNCTION	71468
J80F	D20418-2	SCREW	71468
J81F	DEMA9S	CONNECTOR	71468
J81F	DE44994	SHELL, JUNCTION	71468
J81F	D20418-2	SCREW	71468

NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
MODEL 750
 INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
	4698125-1	FWD GALLEY W/MICROWAVE & HOT TANKS WIRING DIAGRAM	
J9F	S2216-4	SOCKET	
J9F	03-06-1023	RECEPTACLE	27264
K10F	MS27401-23	RELAY	
K11F	CM3871	RELAY	
K9F	MS27401-23	RELAY	
P1F	S2216-3	PIN	
P1F	03-06-2023	CONNECTOR	27264
P10F	S2216-3	PIN	
P10F	03-06-2023	CONNECTOR	27264
P11F	S2216-3	PIN	
P11F	03-06-2023	CONNECTOR	27264
P12F	S2216-3	PIN	
P12F	03-06-2023	CONNECTOR	27264
P13F	S2216-3	PIN	
P13F	03-06-2023	CONNECTOR	27264
P161F	S2216-3	PIN	
P161F	03-06-2042	CONNECTOR	27264
P1626V	S2216-3	PIN	
P1626V	03-06-2152	PLUG	27264
P2F	S2216-3	PIN	
P2F	03-06-2023	CONNECTOR	27264
P3F	S2216-3	PIN	
P3F	03-06-2023	CONNECTOR	27264
P4F	S2216-3	PIN	
P4F	03-06-2023	CONNECTOR	27264
P5F	S2216-3	PIN	
P5F	03-06-2023	CONNECTOR	27264
P50F	AL5113	CONNECTOR	59579
P51F	AL5113	CONNECTOR	59579
P52F	AL5113	CONNECTOR	59579
P53F	AL5113	CONNECTOR	59579
P54F	AL5113	CONNECTOR	59579
P55F	AL5113	CONNECTOR	59579
P58F	AL5113	CONNECTOR	59579
P59F	AL5113	CONNECTOR	59579
P6F	S2216-3	PIN	
P6F	03-06-2023	CONNECTOR	27264
P60F	31019	PIN	59579
P60F	31028	3/4 X 3/16 SHRINK TUBING	59579
P60F	31047	ELECTRICAL WIRE	59579
P60F	61206	CONNECTOR	59579
P61F	31019	PIN	59579
P61F	31028	3/4 X 3/16 SHRINK TUBING	59579
P61F	31047	ELECTRICAL WIRE	59579
P61F	61206	CONNECTOR	59579
P62F	31019	PIN	59579
P62F	31028	3/4 X 3/16 SHRINK TUBING	59579
P62F	31047	ELECTRICAL WIRE	59579
P62F	61206	CONNECTOR	59579

NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
MODEL 750
 INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
	4698125-1	FWD GALLEY W/MICROWAVE& HOT TANKS WIRING DIAGRAM	
P63F	MS3124F20-41P	CONNECTOR	
P63F	MS3152-20	BACKSHELL	
P66F	DDMA50P	CONNECTOR	71468
P66F	D50000KVL0	BACKSHELL	28198
P7F	S2216-3	PIN	
P7F	03-06-2023	CONNECTOR	27264
P79F	1-480706-0	CONNECTOR	00779
P79F	350547-1	PIN	00779
P8F	S2216-3	PIN	
P8F	03-06-2023	CONNECTOR	27264
P9F	S2216-3	PIN	
P9F	03-06-2023	CONNECTOR	27264
P974V	S2216-3	PIN	
P974V	03-06-2023	CONNECTOR	27264
TB25V	MS18029-2S5	COVER	
TB25V	MS25226-4-2	BUS BAR	
TB25V	MS27212-2-5	TERMINAL BOARD	
TB25V	MS35338-138	LOCK-WASHER	
TB25V	MS35650-304	NUT	
TB25V	NAS1149C0363R	WASHER	

NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

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The diagram illustrates the electrical wiring for the LH FWD CLOSET. It starts with a power source labeled 18.15V P815V. The wiring is organized into several sections:

- Closet Lights Section:** Includes closet lights CB14F and L13F, L14F, L15F. A closet lights switch (P/N VAL12308) is connected to the main line.
- General Storage Area Lights Section:** Includes bottom general storage area lights (REF) connected via junctions J113F and J114F.
- Cabinet Accent Light Section:** Includes a cabinet accent/light (REF) connected via junction J115F.

 Wire colors are indicated in parentheses: (BLU) for blue, (BLK) for black, and (WHT) for white. Terminal block connections are shown with numbers 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

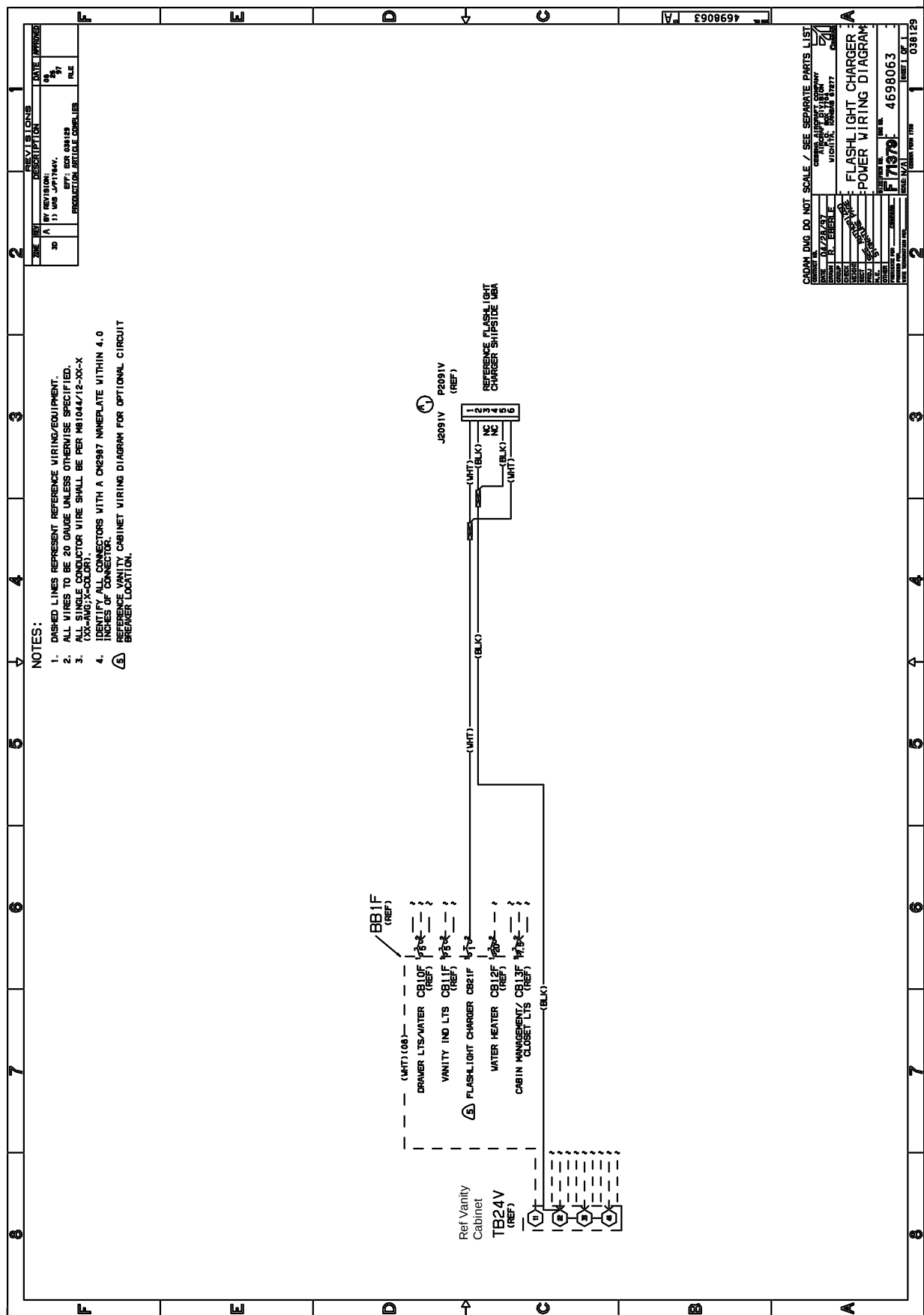
CESSNA AIRCRAFT COMPANY
MODEL 750
 INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
	4698053-1	LH FWD CLOSET WIRING	
CB14F	S2899-1.0	CIRCUIT BREAKER	
J113F	S2216-4	SOCKET	
J113F	03-06-1023	RECEPTACLE	27264
J114F	S2216-4	SOCKET	
J114F	03-06-1023	RECEPTACLE	27264
J115F	S2216-4	SOCKET	
J115F	03-06-1023	RECEPTACLE	27264
L13F	MS25231-313	LAMP	
L13F	7-06	LAMP HOLDER	95263
L14F	MS25231-313	LAMP	
L14F	7-06	LAMP HOLDER	95263
L15F	MS25231-313	LAMP	
L15F	7-06	LAMP HOLDER	95263
P113F	S2216-3	PIN	
P113F	03-06-2023	CONNECTOR	27264
P114F	S2216-3	PIN	
P114F	03-06-2023	CONNECTOR	27264
P115F	S2216-3	PIN	
P115F	03-06-2023	CONNECTOR	27264
P815V	MS3152-10	BACKSHELL	
P815V	MS3474L10-6P	CONNECTOR	

NOTE: Parts not available as complete installations

MODEL 750

INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG



CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
CB21F	4698063-1	FLASHLIGHT CHARGER POWER WIRING DIAGRAM	
J2091V	S2899-1.0	CIRCUIT BREAKER	
J2091V	S2099-6	CONTACT	
J2091V	207377-1	CONNECTOR	00779

NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
CU222V	4948003-3	FAN MOD (FORWARD CLOSET)	
P33E	S2800-327	FAN	
P33E	S2353-3	PIN	
P33E	207359-1	CONNECTOR	00779

NOTE: Parts not available as complete installations

MODEL 750

INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

REV	DESCRIPTION	DATE	APPROVED
A	BY REVISION: CON WAS 207350-1 CON 2) 207350-1 CON WAS 207350-1 CON PRODUCTION ARTICLES COMPLY	11/01/90	MAF
B	BY REVISION: 1) ADDED ASSY. 2) ADDED WIRE 10. 3) ADDED WIRE 10.	11/01/90	KJH
C	BY REVISION: 1) CHANGED REFRES. & ADDED WIRE TEXT. EFF. DEC 199999	01/01/91	KJH
D	BY REVISION: 1) ADDED WIRE 10. 2) ADDED WIRE 10. 3) ADDED WIRE 10.	01/01/91	KJH

NOTES:

- THIS DWG IS FILED IN CADAM FILE- RLSD.E49.
- ALL SINGLE CONDUCTOR WIRE SHALL BE PER MS1044/12-XX-9 (XX=GA.)
- ALL WIRE TERMINATIONS SHALL BE PER CES 2716 TABLE III AND/OR IV.
- ROUTE WITH STANDARD WIRE BUNDLES PER 6218105.
- IDENTIFY ALL CONNECTORS WITH A CH2987-1 NAMEPLATE WITHIN 2 IN. OF CONNECTOR.
- P/N OF AMP INC.. HARRISBURG, PA. CODE IDENT 00779.
- P/N OF PHOTOD. BURLINGAME, CA. CODE IDENT 23936.
- P/N OF INC MAGNETIC CORP.. ROCHESTER, NEW HAMPSHIRE.
- VENDOR FURNISHED WIRE.
- CUT WIRES TO APPROXIMATELY 6 INCHES IN LENGTH AND ADD HEATSHRINK TUBING TO ENTIRE LENGTH OF WIRES.

WIRE
2550-1 CON
2550-1 PIN(2)

1 2 3

(A) (B) (C) (D)

(RED) (BLK)

Ref AFT Closet
A/V Cabinet

MS2483
COOLING FAN

① ④ DC COOLING FAN ASSY

4948003

SEE SEPARATE PARTS LIST

COOLING FAN
ASSY

4948003

71379

4948003

EC26844

CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

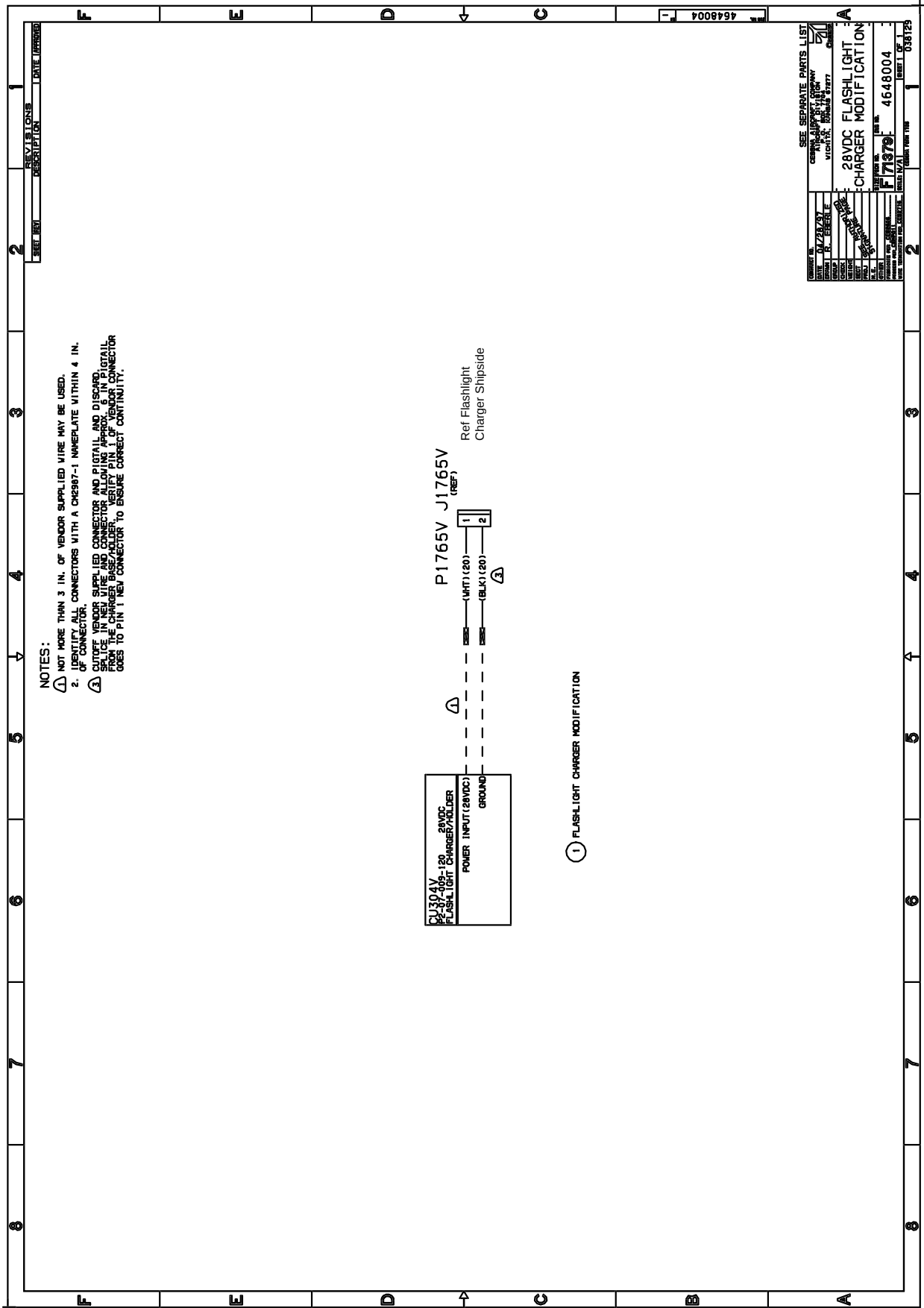
Ref Des.	Part Number	Description	Vendor
P36E	4948003-4	FAN MODIFICATION (AFT CLOSET)	
P36E	S2353-3	PIN	
P36E	207359-1	CONNECTOR	00779

NOTE: Parts not available as complete installations

CESSNA AIRCRAFT COMPANY

MODEL 750

INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG



SEE SEPARATE PARTS LIST	
ITEM NO.	4648004
QUANTITY	1
DESCRIPTION	28VDC FLASHLIGHT CHARGER MODIFICATION
REVISION	F 71379
DATE	4648004
BY	1
CHECKED	038725

CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

Ref Des.	Part Number	Description	Vendor
CU304V	4648004-1	FLASHLIGHT CHARGER MODIFICATION	
P1765V	P2-07-0009-120	28VDC FLASHLIGHT CHARGER	55827
P1765V	S2216-3	PIN	
P1765V	03-06-2023	CONNECTOR	27264

NOTE: Parts not available as complete installations

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Cabin Management Manual Troubleshooting Guide Model 750



Cessna

SYSTEM DESCRIPTION

The Cabin Management System (CMS) consists of switches and control modules located throughout the cabin. Every aircraft has generally the same hardware however, the software may be unique depending on the individual requirements. Figure 1 depicts the typical Citation X CMS configuration.

The hardware is comprised of control modules and switches. Control modules consist of one (1) "master" and one (1) or two (2) "slave" units (The second slave unit is required for entertainment systems on the aircraft) that communicate with each other by a data bus (micronet) cable. Although the slave modules do have a few stand alone capabilities, they primarily look to the master for information on how to respond. All cabin functions, audio/video, galley, vanity, etc., are controlled by the modules except for the reading lights and the electric window shades.

The reading lights and electric window shades, with the exception of the work surface shade and light, are controlled by the individual switches located at the seat locations. At the table locations, the seat switches on either side of the table will share control of the table light and shade. In this particular application one switch operates as the master and the other as a slave.

The audio video switches located at each seat are classified as "smart switches". Although they are controlled by the Audio Video Control Unit (A/V CU) the actual software dictating what they display comes from the software loaded in the master control module. The video signal for each seat is also routed to each of these switches.

The software is burned into an EPROM and placed in the two (2) 1051-1-2 cabin management modules (CMM) normally located in the vanity cabinet and behind the galley. The vanity CMM is always the master and the galley CMM is the slave. Since the same software is loaded into both CMM's it is immaterial which one is installed as the slave or master. The software part number is identified at Cessna by adding the appropriate software part number to the end of the CMM part number. For example a 1051-1-2/512-4 is a CMM with dash 4 software. The part number of the CMM's for each particular aircraft can be found in the Interior Maintenance Manual (IMM) and on the vendor label attached to the unit. When ordering replacements it is imperative to retrieve the correct part number and software revision level off the face of the units. In the event that the part number on the CMM and the part number listed in the Interior Maintenance Manual do not agree, contact Cessna Customer Service Hot Line at 888-622-4789. The software specifications are described in this section and the section titled "Special Software Specifications"

The *master* CMM located in the vanity cabinet is the brains for the entire system. This module controls:

- Cabin Indirect Lighting
- Cabin Master Shades
- Cabin Temperature Control
- Cabin Aisle Lights
- Cabin Entry Lights
- Cabin Aft Divider Lights
- Power for 10.4" Closet or Bulkhead Monitor
- Vanity Indirect Lighting
- Vanity Read Light
- Vanity Accent Light
- Vanity Hot Water

The *slave* (address strap 01) CMM located behind the galley is used for controlling galley functions on a stand alone basis and used to link the master cabin control switch to the master CMM for control of the cabin functions. This module directly controls:

- Hot Tanks or Hot Cup
- Work Surface Lighting
- Galley Accent Lighting
- Galley Oven (May be as status only as controls may be on the oven)
- Galley Coffee (Status only)
- Work Surface Window Shade

Indirectly through the micronet cable the slave CMM controls:

- Cabin Indirect Lighting
- Cabin Master Shades
- Cabin Aisle Lights
- Cabin Entry Lights
- Cabin Aft Divider Lights
- Vanity Hot Tank
- Entertainment Speakers On/Off

The 1024-1-1 Audio Video Control Unit (A/V CU) is located in the vanity cabinet or the bulkhead closet when the aircraft has an entertainment system. This *slave module* (address strap 02) receives its instructions from the *master CMM* via a micronet cable. The A/V CU crosspoints the entertainment sources to the switches and monitors located through out the cabin. It controls:

- Audio Selection
- Video Selection
- Volume Control
- Airshow Mode Select
- Speaker On/Off

The A/V CU has three (3) rotary switches that affect the operation of the unit. Switch “S1” is set for the number of “Audio Only” sources. “Audio Only” designates the number of audio channels, excluding cabin PA, that do not have an associated video channel. Switch “S2” is not used and should be set to “0”. Switch S3 is set for the number of “Video and Audio”. “Video and Audio” designates the number of video sources that have audio associated with them. Airshow does **not** count as a video source.

The part number of the A/V CU for each particular aircraft can be found in the Interior Maintenance Manual (IMM) and on the vendor label attached to the unit. When ordering replacements it is imperative to retrieve the correct part number and software revision level off the face of the unit. In the event that the part number on the A/V CU and the part number listed in the Interior Maintenance Manual do not agree, contact Cessna Customer Service Hot Line at 888-622-4789.

DIAGNOSTICS

Diagnostics are available on control modules to assist in troubleshooting. Specific locations of the modules are listed in the interior maintenance manual for each aircraft. The following information will assist troubleshooting these systems.

1051 CABIN MANAGEMENT MODULE

The diagnostics takes the form of 6 light emitting diodes (LED.) and 2 seven segment displays that are visible through the cover on the top of the unit. When the green LED is on, +28 VDC is being supplied to the unit. If this LED is off, the unit is not receiving +28 VDC power. When the amber LED is on, +12 VDC power is being supplied by the unit. If this LED is off, the unit is not supplying +12 VDC power, or this output has been short circuited to ground. Three LED's are used to indicate the status of the microcontroller: LED 0, LED 1 and LED 2. See table 1 below. LED 3 is used to indicate the status of the serial communications. Note that there is a slight difference between how this LED functions as a slave and as a master.

LED 3	LED 2	LED 1	LED 0	AMBER	GREEN	STATE
OFF	OFF	OFF	OFF	OFF	OFF	no + 28 VDC
X	X	X	X	OFF	ON	no + 12 VDC
X	X	X	ON	ON	ON	normal function
X	X	X	FLASH	ON	ON	cmos memory corrupted or battery failure
X	X	ON	X	ON	ON	power < + 19 VDC
X	FLASH	X	X	ON	ON	1050-1 echo-back test software
OFF	X	X	X	ON	ON	master not running or link not connected
ON	X	X	X	ON	ON	data transmitted and received
FLASH	X	X	X	ON	ON	link disconnected while operational-slave only
FLASH	X	X	X	ON	ON	Some slaves not communicating and seven segment displays list the addresses - master only

NOTE : X = Do not care if the LED is ON, OFF or FLASHING.

TABLE 1: 1051 LED DIAGNOSTICS

There are 2 seven segment displays used to display diagnostic information. The information communicated depends on whether the unit is a master or a slave in the system. See tables 2 and 3.

Seven segment display	State
PU	Displayed for one second upon power up of the unit.
ON	Indicates that all slaves in the system are on line.
01 though 39	Sequential display of the address of each slave in the system that is off line.

TABLE 2: 1051 MASTER DIAGNOSTICS

Seven segment display	State
PU	Displayed for one second upon power up of the unit.
Slave Address	Displays slave address after displaying PU
NO	Indicates that the slave has never been on line with the master.
OF	Indicates that the slave has previously been on line with the master, but is now off line.
OL	Indicates slave is now on line with the master.

TABLE 3: 1051 SLAVE DIAGNOSTICS

1024 AUDIO VIDEO CONTROL UNIT

The diagnostics takes the form of 6 light emitting diodes (LEDs) and 2 seven segment displays that are visible through the cover on the top of the unit. When the green LED is on, +28 VDC is being supplied to the unit. If this LED is off, the unit is not receiving +28 VDC power. When the amber LED is on, +10 VDC power is being supplied by the unit. If this LED is off, the unit is not supplying +10 VDC power, or this output has been short circuited to ground. LED 0 is used to indicate the status of the microcontroller Random Access Memory (RAM) and memory backup battery. LED 1 is used to indicate input power voltage level. Led 2 and LED 3 are used to indicate the mode or status of the micronet data communications. See table 4 below.

LED 3	LED 2	LED 1	LED 0	AMBER	GREEN	STATE
OFF	OFF	OFF	OFF	OFF	OFF	no + 28 VDC power
X	X	X	X	OFF	ON	no + 10 VDC switch panel power on J1, J17-J24, no + 10 VDC switch panel power on J2, J9-J16, No + 5 VDC internal audio/video circuit power, or no + 12 VDC internal audio circuit power.
X	OFF	OFF	ON	ON	ON	normal operation
X	X	X	FLASH	ON	ON	CMOS memory failure of battery failure.
X	X	FLASH	X	ON	ON	low power > + 19 VDC or < + 25 VDC (unit will not operate at < + 19 VDC)
X	FLASH	X	X	ON	ON	unit is executing MicroNet echo-back test software
OFF	X	X	X	ON	ON	master not running of MicroNet link was never connected if unit is a slave, or slaves have never been on-line if unit is a master.
ON	X	X	X	ON	ON	data transmitted and received if unit is a slave, or all slaves on-line if unit is a master
FLASH	X	X	X	ON	ON	MicroNet link disconnected while in operation if unit is a slave, or slave(s) have been on-line and are now off-line if unit is a master

NOTE : X = Do not care if the LED is ON, OFF or FLASHING.

TABLE 4: 1024 LED DIAGNOSTICS

There are 2 seven segment displays used to display diagnostic information. The 1024 is always used as a slave. See table 5 for 1024 slave diagnostics.

Seven segment display	State
-----------------------	-------

PU	Displayed for 1 second on power up of the unit.
01 to 39	Displays its SLAVE address for 3 seconds after PU.
Blank	Displays are blank for 1 second.
01 to 08	Displays the number of headset audio channels selected for two seconds and whenever the rotary dip switch (S1) is adjusted. Displays “—” if the rotary switch is not read.
Blank	Displays are blank for 1 second.
01 to 08	Displays the number of cabin audio channels selected for two seconds and whenever the rotary dip switch (S2) is adjusted. Displays “—” if the rotary switch is not read.
Blank	Displays are blank for 1 second.
01 to 08	Displays the number of video channels selected for two seconds and whenever the rotary dip switch (S3) is adjusted. Displays “—” if the rotary switch is not read.
Blank	Displays are blank for 1 second.
NO	Indicates that the slave has never been on-line with the master.
	OR
OF line.	indicates that the slave has previously been on-line with the master, but is now off-line.
	OR
OL	Indicates the slave is on-line with the master.

TABLE 5: 1024 SLAVE DIAGNOSTICS

TROUBLESHOOTING

Troubleshooting the CMS system is best performed by a process of elimination. The first item to check for in any condition is verify the switches and modules have power. Look at the back lighting or displays on the switches (It will be necessary to push a button on the A/V switches as they power up in a blank state) and the displays on the modules (See tables 1 and 4) to verify that they have power. It is also required to have the batteries connected for proper operation of the "Entry Lights" and the "memory" on any entertainment system.

Read/Table PSU Lighting and Electric Window Shades:

If you have a problem with any of the individual PSU read lights or window shades the seat switch or wiring to the light or shade is the likely source. Remove the switch and from the part number on the back of the switch find the correct switch pin out diagram located in the IMM. Use the "Cabin PSU Lighting" and "Ship-side Switch Interface" wiring diagrams (also located in the IMM) to aid in trouble shooting.

Using both the switch pin out and the wiring diagrams verify power and continuity. A jumper wire can be used in many applications for a quick check to verify a switch failure. All remote I/O lines on the switches operate using a momentary ground. Use the wiring diagrams to determine which switch operates as the master (power source) and which as the slave for the table lights and table shades that have control from two (2) locations. Notice that the electric window shade power is derived from a separate source than the lighting. It is possible for the lighting to operate but not the window shades if the window shade circuit is not energized however, the shades will not work if the lighting circuit is not energized. If the window shade works from the seat location but not from the master switch it is very unlikely that it is the switch panel. Check the master shade I/O lines for grounds on the appropriate up/down commands.

The switches use relays to control the window shades and FET's to control the lights. For this reason if the shade outputs are shorted the switch will be inoperative however, it is possible for the lighting output to have been shorted and still be operational. A bench check can be performed on any switch in question to verify it's status.

Main Cabin Controls:

Any problems with the main cabin functions could be caused from several sources. Any of the following fit into the main cabin control category:

- Cabin Indirect Lighting (VIP Switch or Galley Switch)
- Cabin Master Shades (VIP Switch or Galley Switch)
- Cabin Temperature Control (Galley Switch)
- Cabin Aisle Lights (VIP Switch or Galley Switch)
- Cabin Entry Lights (VIP Switch or Galley Switch)
- Cabin Aft Divider Lights (VIP Switch or Galley Switch)
- Vanity Hot Water (Galley Switch)
- Cabin Overhead Speaker On/Off (VIP Switch or Galley Switch)
- Cabin Volume Up/Down (VIP Switch)
- Cabin Audio Select (VIP Switch)
- Cabin Video Select (VIP Switch)
- Power for 10.4" Closet or Bulkhead Monitor (VIP Switch)
- Airshow Mode (VIP Switch)
- "Special Software Specifications"

Use the "Vanity Cabinet", "Forward Galley", "Master Control Panel Interface" and "Emergency Lighting/Cabin Entry" wiring diagrams and galley switch panel pin out in the IMM to aid in trouble shooting all problems. The first step in diagnosis is to verify that the switches and modules all have power (See tables 1 and 4).

It is best to start at the interior J-Box located behind the left side of the aft bulkhead closet and verify that all circuit breakers are engaged. The vanity CMM derives power from the vanity cabinet power distribution. If the vanity CMM does not have power check the circuit breaker in the vanity cabinet. The VIP switch obtains it's power from the vanity CMM via a 1043 modular cable. If the back lighting and display on the panel will not illuminate check the cable connections at the switch and the vanity CMM.

The galley CMM receives it's power from the galley power distribution. If the galley CMM does not have power check the circuit breaker in the galley. The galley switch receives it's power from the galley CMM. If the back lighting on the panel will not illuminate check the wiring harness at the switch and the galley CMM.

The A/V CU (only applicable if there is entertainment) receives it's power from the vanity cabinet or the bulkhead closet power distribution centers. If the A/V CU does not have power check the circuit breakers in the appropriate location.

If the problem is with the control of any of the functions from **both** the VIP and galley switch the probable suspect is the master CMM located in the vanity. Check the connectors first to verify that all contacts are seated into the connector properly. Follow by checking the wiring for continuity and shorts. Once wiring has been ruled out the CMM can be checked using the vanity system configuration and pin out in table 6.

Provided the problem is found in the CMM, reject the defective unit and order a replacement or return the unit for repair. Be sure to clearly indicate on the rejection tag which function of the CMM is defective, i.e. "cabin indirect lighting relay power inoperative". In the event that a new or repaired CMM does not correct the problem call the Cessna Customer Service Hot Line at 888-622-4789.

NOTE: *It is possible to swap the galley CMM with the vanity CMM and vice versa to verify that the CMM is at fault. Caution should be exercised when doing this to ensure that the fault was not caused by a wiring problem or the swapped CMM will be destroyed also*

If the problem is with the functions from the **VIP switch only** check the micronet cable connections at the switch and the vanity CMM. If the problem is A/V related check the micronet connections between the vanity CMM and the A/V CU. Provided the problem still exists, order a replacement VIP switch or have it sent back for repair. There are no serviceable parts inside the VIP switch nor is there any bench test since the unit operates on a data bus.

If the problem is with the functions from the **galley switch only** check the micronet cable connections at the galley CMM and the vanity CMM and verify that the galley CMM is on-line. In the event the CMM is on-line and the problem still exists check the wiring between the galley switch and the galley CMM for continuity and shorts. Once the wiring is verified continue by bench testing the switch. Using the pin out for the galley switch verify that all command outs provide continuity to the return pin when the appropriate switch is depressed. If the switch does not ring out order a replacement switch or send it back for repair. If the switch checks out okay and the wiring between the switch and the CMM is verified then a new CMM is required. Reject the defective unit and order a replacement or return the unit for repair. Be sure to clearly indicate on the rejection tag which function of the CMM is defective, i.e. "cabin slave controls inoperative". In the event that a new or repaired CMM does not correct the problem call the Cessna Customer Service Hot Line at 888-622-4789.

NOTE: *It is possible to swap the galley CMM with the vanity CMM and vice versa to verify that the CMM is at fault. Caution should be exercised when doing this to ensure that the fault was not caused by a wiring problem or the swapped CMM will be destroyed also.*

J1 DD-50S with Positronic Vibration Locking System			
Pin	Name	Details	Use
17	LI00		Vanity Light On/Off (Mom ground)
50	LI01		Vanity Bright Select (Mom ground)
33	LI02		Vanity Dim Select (Mom ground)
16	LI03		Read Light On/Off (Mom ground)
49	LI04		Accent Light On/Off (Mom ground)
32	LI05		Water Heater Temperature Select (Mom ground)
15	LI06		not used
48	LI07		not used
31	LI08		not used
14	LI09		not used
47	LI10		not used
30	LI11		not used
13	LI12		not used
46	LI13		not used
29	LI14		not used
12	LI15		not used
45	LI16		not used
28	LI17		not used
11	LI18		not used
44	LI19		Cabin Entry On/Off (Mom ground)
27	LI20		not used
10	LI21		not used
43	LI22	Micronet Address A0	floating
26	LI23	Micronet Address A1	floating
9	LI24	Micronet Address A2	floating
42	LI25	Micronet Address A3	floating
25	LI26	Micronet Address B0	floating
8	LI27	Micronet Address B1	floating
41	SO00		Vanity Light On/Off Status (+12 VDC)
24	SO01		Vanity Light Bright Status (+12 VDC)
7	SO02		Vanity Light Dim Status (+12 VDC)
40	SO03		Read Light On/Off Status (+12 VDC)
23	SO04		Accent Light On/Off Status (+12 VDC)
6	SO05		Water Heater Low Temperature Status (+12 VDC)
39	SO06		Water Heater Medium Temperature Status (+12 VDC)
22	SO07		Water Heater High Temperature Status (+12 VDC)
5	SO08		not used
38	SO09		not used
21	SO10		not used
4	SO11		not used
37	SO12		not used
20	SO13		not used
3	SO14		not used
36	SO15		not used
19	SO16		not used
2	SO17		not used
35	SO18		not used
18	SO19		not used
1	Power out +12 VDC	800 mA maximum	not used
34	DC Return	for switch panel	not used

Table 6: Vanity CMM System Configuration

J3 DD-50P with Positronic Vibration Locking System			
Pin	Name	Details	Use
1	CKT1	Power In/Out normally open	Shade Down Relay
34	CKT1	Power In/Out common	DC Return
18	CKT1	Power In/Out normally closed	not used
2	CKT2	Power In/Out normally open	Shade Up Relay
35	CKT2	Power In/Out common	DC Return
19	CKT2	Power In/Out normally closed	not used
3	CKT3	Power In/Out normally open	Cabin Upper Lights On/Off Relay
36	CKT3	Power In/Out common	+28 VDC
20	CKT3	Power In/Out normally closed	not used
4	CKT4	Power In/Out normally open	Cabin Lower Lights On/Off Relay
37	CKT4	Power In/Out common	+28 VDC
21	CKT4	Power In/Out normally closed	not used
5	CKT5	Power In/Out normally open	Water Heater Low Temperature Relay
38	CKT5	Power In/Out common	+28 VDC
22	CKT5	Power In/Out normally closed	not used
6	CKT6	Power In/Out normally open	Water Heater Medium Temperature Relay
39	CKT6	Power In/Out common	+28 VDC
23	CKT6	Power In/Out normally closed	not used
7	CKT7	Power In/Out normally open	Water Heater High Temperature Relay
40	CKT7	Power In/Out common	+28 VDC
24	CKT7	Power In/Out normally closed	not used
8	CKT8	Power In/Out normally open	Divider Light On/Off Relay
41	CKT8	Power In/Out common	+28 VDC
25	CKT9	Power In/Out normally open	Aisle Light On/Off Relay
9	CKT9	Power In/Out common	+28 VDC
42	CKT10	Power In/Out normally open	Vanity Light On/Off Relay
26	CKT10	Power In/Out common	+28 VDC
10	CKT11	Power In/Out normally open	Forward Monitor On/Off Relay
43	CKT11	Power In/Out common	+28 VDC
27	CKT12	Power In/Out normally open	Read Light On/Off Relay
11	CKT12	Power In/Out common	+28 VDC
44	CKT13	Power In/Out normally open	Accent Light On/Off Relay
28	CKT13	Power In/Out common	+28 VDC
12	CKT14	Power In/Out normally open	Cabin Entry Light On/Off Relay
45	CKT14	Power In/Out common	+28 VDC
29	CKT14	Power In/Out normally closed	not used
13	Battery Power In		+28 VDC from Battery
46	Battery Power Out		not used
30	Battery On		Door ground from latch switch
14	CW of 1K digital pot		Temperature Control +
47	Wiper of 1K digital pot		Temperature Control Wiper
31	CCW of 1K digital pot		Temperature Control -
15	Voltage Reference Out 1		Cabin Upper Lights Intensity Level 3.1 VDC - 1.5 VDC
48	Voltage Reference Out 2		Cabin Lower Lights Intensity Level 3.1 VDC - 1.5 VDC
32	Voltage Reference Out 3		Vanity Lights Intensity Level 3.1 VDC - 1.5 VDC
16	Voltage Reference Out 4		not used
49	DC Return	for voltage references	
33	Power In +28 VDC		
17	DC Return	for switch panel	
50	Chassis Return	to airframe	

Table 6: Vanity CMM System Configuration

J2 VPC 020.001.024, 8 Position, 10 Contact (9 + ground)			
Pin	Name	Details	Use
1	Shield		
2	Power out +12 VDC		
3	not used		
4	not used		
5	not used		
6	not used		
7	not used		
8	Data A		
9	Data B		
10	DC Return	for switch panel	

J4 RJ12C Amp, Modular Jack, Side Entry Latch 6 Position			
Pin	Name	Details	Use
1	not used		
2	not used		
3	Data 1A		MicroNet daisy chain connection
4	Data 1B		MicroNet daisy chain connection
5	not used		
6	not used		

J5 RJ12C Amp, Modular Jack, Side Entry Latch 6 Position			
Pin	Name	Details	Use
1	not used		
2	not used		
3	Data 1A		MicroNet daisy chain connection
4	Data 1B		MicroNet daisy chain connection
5	not used		
6	not used		

Table 6: Vanity CMM System Configuration

Galley Controls:

The galley switch panel controls both galley functions and main cabin functions. If you have problems with any of the main cabin functions see section above titled main cabin controls. All other functions will be discussed here. The galley switch controls all galley functions via the galley CMM. The galley CMM does not need to be on-line to control the galley functions.

Remove the switch and from the part number on the back of the switch find the correct switch pin out diagram located in the IMM. Use the "Galley" wiring diagram (also located in the IMM) to aid in trouble shooting.

Check the connectors first to verify that all contacts are seated into the connector properly. Follow by checking the wiring for continuity and shorts. Once wiring has been ruled out the CMM and switch can be checked using the galley system configuration and pin out, in table 7, and the switch pin out respectively.

Most command outs from the switch panel provide a momentary contact to return. Most status inputs into the switch are accomplished by +12 volts from the CMM. If the switch is verified, the problem is likely in the CMM however, if the switch is defective the CMM may still be operational. A jumper wire can be used to simulate a switch closure to verify the CMM is operational.

Provided the problem is found in either the CMM or the switch, reject the defective unit and order a replacement or return the unit for repair. Be sure to clearly indicate on the rejection tag which function is defective, i.e. "cabin indirect lighting relay power inoperative". In the event that a new or repaired unit does not correct the problem call the Cessna Customer Service Hot Line at 888-622-4789.

NOTE: *It is possible to swap the galley CMM with the vanity CMM and vice versa to verify that the CMM is at fault. Caution should be exercised when doing this to ensure that the fault was not caused by a wiring problem or the swapped CMM will be destroyed also.*

J1 DD-50S with Positronic Vibration Locking System			
Pin	Name	Details	Use
17	LI00		not used
50	LI01		Shade Down (Mom ground)
33	LI02		Shade Up (Mom ground)
16	LI03		Left/Upper Hot Liquid On/Off (Mom ground)
49	LI04		Right/Lower Hot Liquid On/Off (Mom ground)
32	LI05		Cabin Entry Light On/Off (Mom ground)
15	LI06		Divider Light On/Off (Mom ground)
48	LI07		Aisle Light On/Off (Mom ground)
31	LI08		Work Light On/Off (Mom ground)
14	LI09		Water Heater On/Off (Mom ground)
47	LI10		Galley Oven On/Off (Mom ground)
30	LI11		not used
13	LI12		Cabin Lights On/Off (Mom ground)
46	LI13		Cabin Lights Dim Select (Mom ground)
29	LI14		Cabin Lights Bright Select (Mom ground)
12	LI15		Cabin Speakers On/Off (Mom ground)
45	LI16		Forward Overhead Light On/Off (Mom ground)
28	LI17		not used
11	LI18		not used
44	LI19		not used
27	LI20		not used
10	LI21		not used
43	LI22	Micronet Address A0	connect to DC Return (J1-34)
26	LI23	Micronet Address A1	floating
9	LI24	Micronet Address A2	floating
42	LI25	Micronet Address A3	floating
25	LI26	Micronet Address B0	floating
8	LI27	Micronet Address B1	floating
41	SO00		not used
24	SO01		not used
7	SO02		not used
40	SO03		Left/Upper Hot Liquid On/Off Status (+12 VDC)
23	SO04		Right/Lower Hot Liquid On/Off Status (+12 VDC)
6	SO05		Cabin Entry Light On/Off Status (+12 VDC)
39	SO06		Divider Light On/Off Status (+12 VDC)
22	SO07		Aisle Light On/Off Status (+12 VDC)
5	SO08		Work Light On/Off Status (+12 VDC)
38	SO09		Water Heater On/Off Status (+12 VDC)
21	SO10		Galley Oven On/Off Status (+12 VDC)
4	SO11		not used
37	SO12		Cabin Lights On/Off Status (+12 VDC)
20	SO13		Cabin Lights Dim Status
3	SO14		Cabin Lights Bright Status
36	SO15		Cabin Speakers On/Off Status (+12 VDC)
19	SO16		Forward Overhead Light On/Off Status
2	SO17		not used
35	SO18		not used
18	SO19		not used
1	Power out +12 VDC	800 mA maximum	not used
34	DC Return	for switch panel	not used

Table 7: Galley CMM System Configuration

J3 DD-50P with Positronic Vibration Locking System			
Pin	Name	Details	Use
1	CKT1	Power In/Out normally open	not used
34	CKT1	Power In/Out common	not used
18	CKT1	Power In/Out normally closed	not used
2	CKT2	Power In/Out normally open	Work Light On/Off Relay
35	CKT2	Power In/Out common	+28 VDC
19	CKT2	Power In/Out normally closed	not used
3	CKT3	Power In/Out normally open	Left/Upper Hot Liquid On/Off Relay
36	CKT3	Power In/Out common	+28 VDC
20	CKT3	Power In/Out normally closed	not used
4	CKT4	Power In/Out normally open	Right/Lower Hot Liquid On/Off Relay
37	CKT4	Power In/Out common	+28 VDC
21	CKT4	Power In/Out normally closed	not used
5	CKT5	Power In/Out normally open	Galley Oven On/Off Relay
38	CKT5	Power In/Out common	+28 VDC
22	CKT5	Power In/Out normally closed	not used
6	CKT6	Power In/Out normally open	Forward Overhead Light On/Off Relay
39	CKT6	Power In/Out common	+28 VDC
23	CKT6	Power In/Out normally closed	not used
7	CKT7	Power In/Out normally open	not used
40	CKT7	Power In/Out common	not used
24	CKT7	Power In/Out normally closed	not used
8	CKT8	Power In/Out normally open	not used
41	CKT8	Power In/Out common	not used
25	CKT9	Power In/Out normally open	not used
9	CKT9	Power In/Out common	not used
42	CKT10	Power In/Out normally open	not used
26	CKT10	Power In/Out common	not used
10	CKT11	Power In/Out normally open	not used
43	CKT11	Power In/Out common	not used
27	CKT12	Power In/Out normally open	not used
11	CKT12	Power In/Out common	not used
44	CKT13	Power In/Out normally open	not used
28	CKT13	Power In/Out common	not used
12	CKT14	Power In/Out normally open	not used
45	CKT14	Power In/Out common	not used
29	CKT14	Power In/Out normally closed	not used
13	Battery Power In		not used
46	Battery Power Out		not used
30	Battery On		not used
14	CW of 1K digital pot		not used
47	Wiper of 1K digital pot		not used
31	CCW of 1K digital pot		not used
15	Voltage Reference Out 1		not used
48	Voltage Reference Out 2		not used
32	Voltage Reference Out 3		not used
16	Voltage Reference Out 4		not used
49	DC Return	for voltage references	not used
33	Power In +28 VDC		
17	DC Return	for switch panel	
50	Chassis Return	to airframe	

Table 7: Galley CMM System Configuration

J2 VPC 020.001.024, 8 Position, 10 Contact (9 + ground)			
Pin	Name	Details	Use
1	Shield		
2	Power out +12 VDC		
3	not used		
4	not used		
5	not used		
6	not used		
7	not used		
8	Data A		
9	Data B		
10	DC Return	for switch panel	

J4 RJ12C Amp, Modular Jack, Side Entry Latch 6 Position			
Pin	Name	Details	Use
1	not used		
2	not used		
3	Data 1A		MicroNet daisy chain connection
4	Data 1B		MicroNet daisy chain connection
5	not used		
6	not used		

J5 RJ12C Amp, Modular Jack, Side Entry Latch 6 Position			
Pin	Name	Details	Use
1	not used		
2	not used		
3	Data 1A		MicroNet daisy chain connection
4	Data 1B		MicroNet daisy chain connection
5	not used		
6	not used		

Table 7: Galley CMM System Configuration

Vanity Controls:

The vanity switch panel controls the lighting and water controls in the vanity via the vanity CMM.

Remove the switch and from the part number on the back of the switch find the correct switch pin out diagram located in the IMM. Use the "Vanity" wiring diagram (also located in the IMM) to aid in trouble shooting.

Check the connectors first to verify that all contacts are seated into the connector properly. Follow by checking the wiring for continuity and shorts. Once wiring has been ruled out the CMM and switch can be checked using the vanity system configuration and pin out, in table 6, and the switch pin out respectively.

Most command outs from the switch panel provide a momentary contact to return. Most status inputs into the switch are accomplished by +12 volts from the CMM. (A breakout box works best to monitor the CMM while it is installed in the system). If the switch is verified, the problem is likely in the CMM however, if the switch is defective the CMM may still be operational. A jumper wire can be used to simulate a switch closure to verify the CMM is operational.

Provided the problem is found in either the CMM or the switch, reject the defective unit and order a replacement or return the unit for repair. Be sure to clearly indicate on the rejection tag which function is defective, i.e. "cabin indirect lighting relay power inoperative". In the event that a new or repaired unit does not correct the problem call the Cessna Customer Service Hot Line at 888-622-4789.

NOTE: *It is possible to swap the galley CMM with the vanity CMM and vice versa to verify that the CMM is at fault. Caution should be exercised when doing this to ensure that the fault was not caused by a wiring problem or the swapped CMM will be destroyed also.*

Entry Light Switch:

The entry switch panel controls the cabin entry lights via the vanity CMM. The batteries must be connected for proper operation of the entry light switch.

Remove the switch and from the part number on the back of the switch find the correct switch pin out diagram located in the IMM. Use the "Emergency Lighting/Cabin Entry" & "Master Control Panel Interface" wiring diagrams (located in the IMM) to aid in trouble shooting.

Check the connectors first to verify that all contacts are seated into the connector properly. Follow by checking the wiring for continuity and shorts. Once wiring has been ruled out the CMM and switch can be checked using the vanity system configuration and pin out, in table 6, and the switch pin out respectively.

The cabin entry switch operates off the battery and ships power. Once ships power has been turned off the switch will be active for ten (10) minutes. The ten minute timer is reset every time the door is unlatched.

Audio Video (A/V) Control:

The audio video switch panels at each seat operate using a data bus. The switches connect to the 1024-1-1 A/V CU which retrieves its information from the "master" vanity CMM. Use the entertainment system wiring diagrams in the IMM to aid in trouble shooting. Before beginning to trouble shoot the system it should be verified that the A/V CU is on-line (see tables 4 & 5). If the A/V CU is off-line or reads "SA" in the display window the system will not operate correctly. Check the micronet cable between the A/V CU and the vanity CMM for open circuits, shorts or intermittent connections.

The switches are port specific on the A/V CU. Although the switches will work in any of the A/V ports, on some aircraft, it is imperative that the switches be plugged into the port specified in the wiring diagrams or the system will not function properly. If the switch display does not illuminate after depressing any button on the switch, remove the switch and check the connector on the back of the switch and at the A/V CU for a loose connection. Pending the problem still exists, plug the cable into one of the unused ports on the A/V CU. If this corrects the problem the A/V CU is defective. Reject the unit and order a replacement or return it for repair. Be sure to clearly indicate on the rejection tag which function is defective, i.e. "no control on output J20".

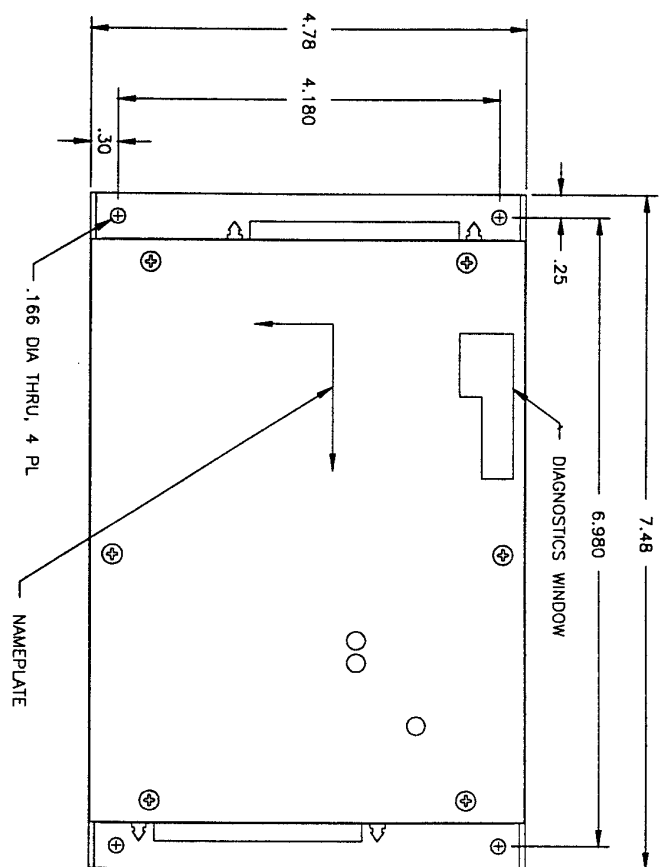
In the event that moving the cable does not solve the problem, swap the switch with a known good unit from one of the other seat locations. If the known good switch does not work at the location in question then the problem is with the cable. Provided the known good switch works, the problem is in the switch panel. For cable repairs look in the IMM for the connector, crimp tool and pin out information. If the switch is defective, reject it and order a replacement or return the unit for repair.

The cables used to connect the A/V switches to the A/V CU also contain the video signal lines of the entertainment system. If the problem you are experiencing is "noisy video" or "no video" the connection of these cables is the most likely problem. The monitors have two connectors at the base of the receptacle, one for power and the other for video. A video signal can be injected into the monitor by disconnecting it from the system at the BNC plug located on a pigtail at the base of the receptacle or at the back of the corresponding switch panel. If the wiring from the switch to the monitor checks out okay reconnect the video line and check the cable connections on the back of the switch and at the A/V CU. Pending the problem still exists, plug the cable into one of the unused ports on the A/V CU (Verify that you have a video signal first). If this corrects the problem the A/V CU is defective. Reject the unit and order a replacement or return it for repair. Be sure to clearly indicate on the rejection tag which function is defective, i.e. "no video output J20".

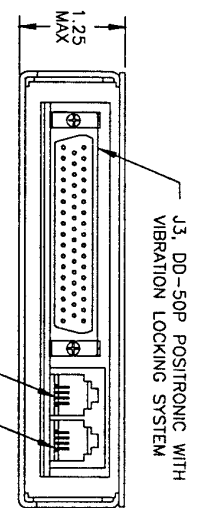
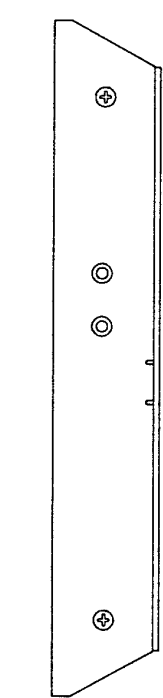
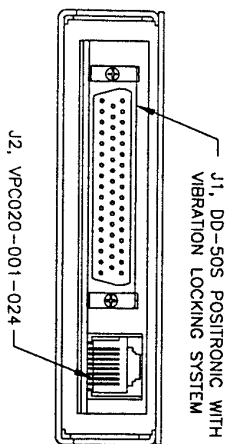
In the event that moving the cable does not solve the problem, the cable will need to be repaired. For cable repairs look in the IMM for the connector, crimp tool and pin out information.

CABIN MANAGEMENT MODULES

REVISIONS				DESCRIPTION			
REV	DATE	BY	CHKD	APP'D	DESCRIPTION	DATE	BY
A					SEE D.C.N.	3-20-97	S.S. 10/1



NOTES:
1. FOR SPECIFICATIONS SEE 1051-500-X.



J4, RJ12C

J5, RJ12C

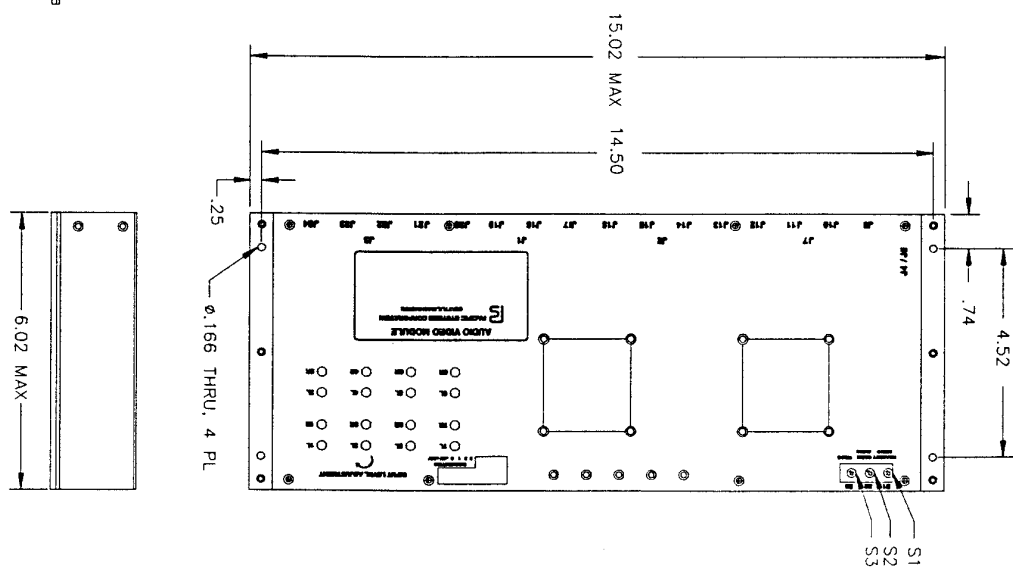
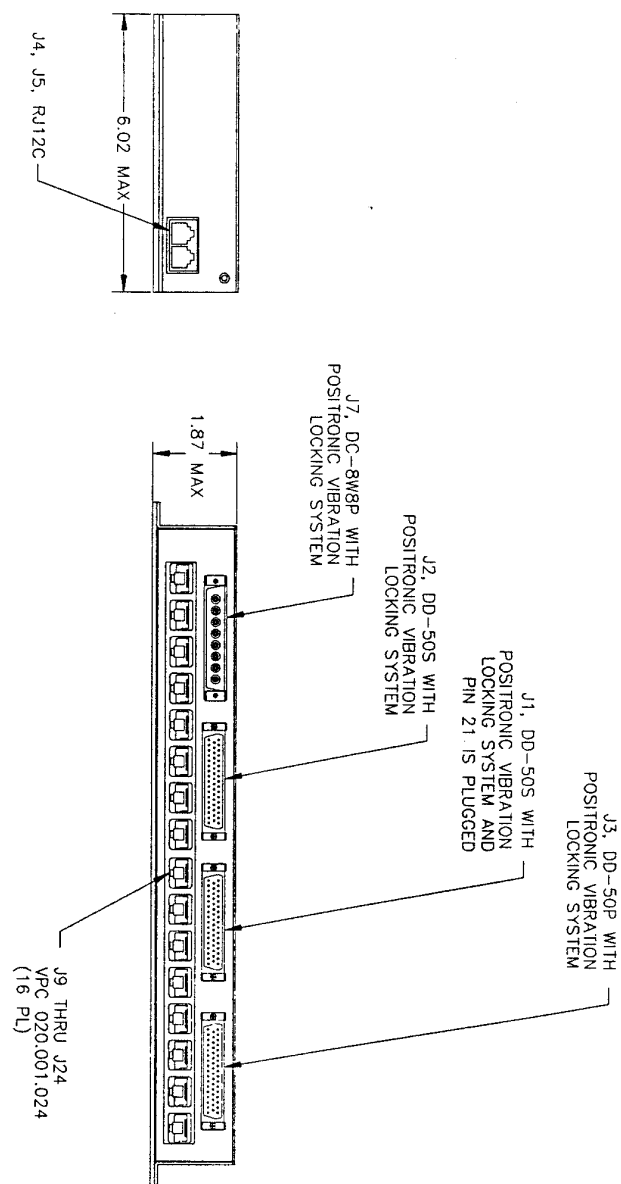
PN 1051-1-X

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UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES			
TOLEANCES	XXX ± .02	XXX ± .010	XXX ± .005
ANGLES ± °			
HOLE DIA. ± .005			
BREAK ALL SHARP EDGES			
APPROVED	JMO	4-23-98	SCALE 1/1
PACIFIC SYSTEMS CORPORATION SCALE 1/1			
OUTLINE			
CABIN MANAGEMENT MODULE			
REV	59959	DWG NO.	1051-2/A
REV	1	DATE	10/1

NOTES:

1. FOR SPECIFICATION SEE 1024-500-1.
2. SOME HIDDEN LINES REMOVED FOR CLARITY.

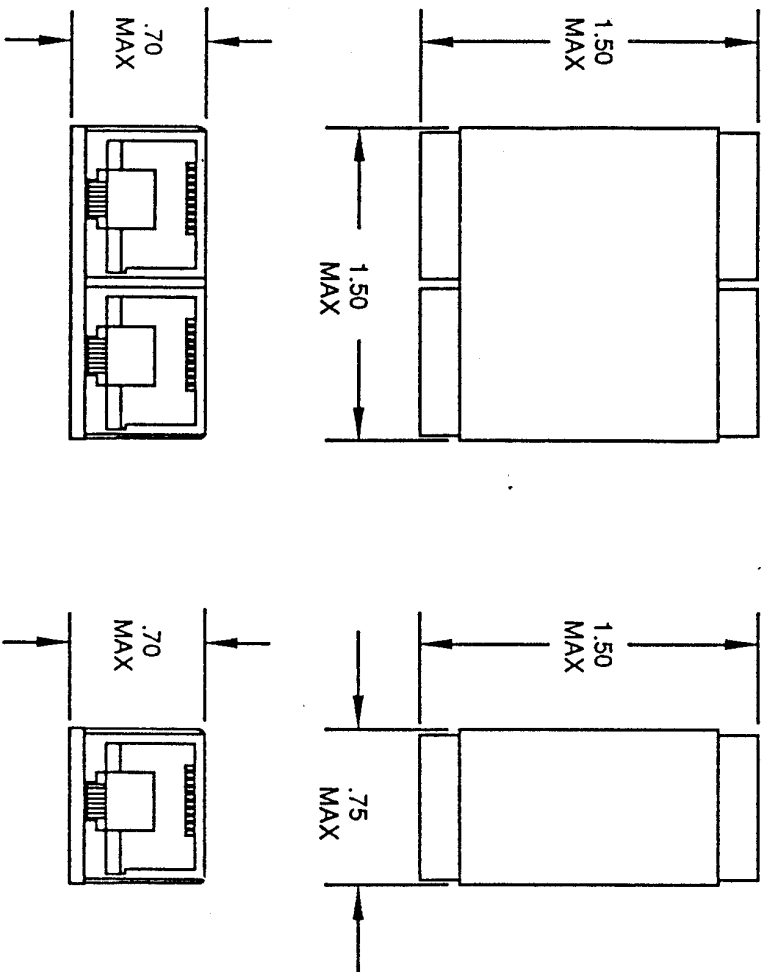


PART NO. 1024-1-1

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DRAWN MCC				CHECKED MCC				ENGINEER MCC				APPROVED MCC			
DATE 12-4-95				DATE 12-22-95				DATE 12-4-95				DATE 12-22-95			
SIZE FSCM 59959				SIZE FSCM 59959				SIZE FSCM 59959				SIZE FSCM 59959			
DWG NO. 1024-2				DWG NO. 1024-2				DWG NO. 1024-2				DWG NO. 1024-2			
REV B				REV B				REV B				REV B			

ADAPTERS & INTERCONNECT INFORMATION

REVISIONS						
REV	DESCRIPTION	EFF	PT/DISP	DRAWN	CHKD	APPD

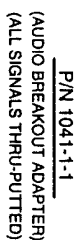


- NOTES:**
1. USED TO MAKE CONNECTIONS BETWEEN ANY TWO 10 PIN PHONE PLUGS AS USED ON MANY INFINITY AUDIO DISTRIBUTORS.
 2. P/N 1040-1-1 SPLITS THE SIGNALS FROM ONE 10 PIN PHONE PLUG TO 3 OTHERS.
 3. P/N 1040-1-2 SPLITS THE SIGNALS FROM ONE 10 PIN PHONE PLUG TO ONE OTHER.

P/N 1040-1-1

P/N 1040-1-2

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TOLERANCES		DRAWN		S. SNYDER		5-11-94	
ANGLES		CHECKED		S. SNYDER		5-18-94	
HOLE DIA.		ENGINEER		S. SNYDER		5-11-94	
BREAK ALL SHARP EDGES		APPROVED		S. SNYDER		5-11-94	
ALL MACHINED SURFACES		SCALE		NONE		10402.DWG	
SIZE		FSCM		DWG NO.		1040-2	
B		59959		10402.DWG		SHEET 1 OF 1	
REV		1		REV		1	

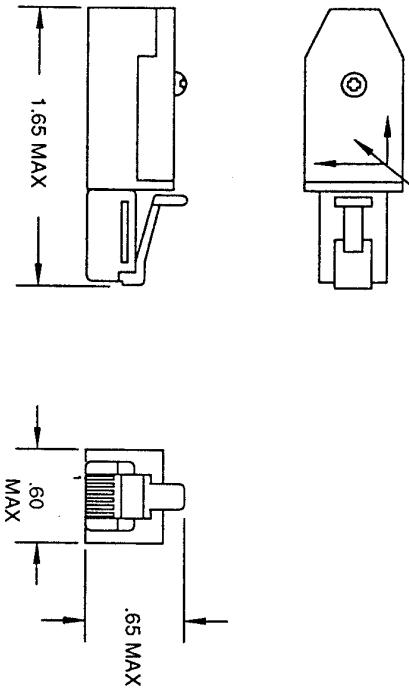


- ## NOTES:
1. THE BREAKOUT ADAPTER ALLOWS TWO CONNECTOR ASSEMBLIES TERMINATED W/ PLUGS TO CONNECT AND BREAKOUT AUDIO & VIDEO SIGNALS.
 2. BREAKOUT ADAPTERS ARE INTENDED TO BE USED WITH PGC CONNECTOR ASSEMBLIES THAT CARRY AUDIO OR AUDIO AND VIDEO SIGNALS.
 3. THE CABLE ASSY CONNECTOR MUST BE A 10 PIN MODULAR PHONE TYPE PLUG (MALE) TO MATE WITH THE ADAPTERS MODULAR PHONE JACKS (FEMALE).
 4. THE AUDIO BREAKOUT IS (3) #24AWG TYPE E COLOR-CODED WIRES WHICH CAN BE TERMINATED AS REQUIRED. OR PRE-TERMINATED IN A 3-PIN MOLEX RECEPTACLE.
 5. THE VIDEO BREAKOUT IS A BNC CONNECTOR W/ PIGTAIL.
PN 1041-1-2: VIDEO IS BROKEN OUT AND THRU-PUTTED.
PN 1041-1-3: VIDEO IS BROKEN OUT BUT NOT THRU-PUTTED.
 6. PN 1041-1-1 BREAKOUT PINOUT:
PIN 5(RED) = AUDIO OUT RIGHT
PIN 6(BLK) = AUDIO OUT RTN
PIN 7(WHT) = AUDIO OUT LEFT
 7. PN 1041-1-2 BREAKOUT PINOUT:
PIN 3(SHIELD) = VIDEO RTN
PIN 4(CONDUCTOR) = VIDEO SIGNAL
PIN 5(RED) = AUDIO OUT RIGHT
PIN 6(BLK) = AUDIO OUT RTN
PIN 7(WHT) = AUDIO OUT LEFT
 8. PN 1041-1-3 BREAKOUT PINOUT:
(VIDEO: BNC & SAME-SIDE 10-PIN ONLY)
PIN 3(SHIELD) = VIDEO RTN
PIN 4(CONDUCTOR) = VIDEO SIGNAL
(AUDIO: BOTH 10-PINS & 3-PIN)
PIN 5(RED) = AUDIO OUT RIGHT
PIN 6(BLK) = AUDIO OUT RTN
PIN 7(WHT) = AUDIO OUT LEFT

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UNLESS OTHERWISE SPECIFIED		PACIFIC SYSTEMS CORPORATION							
DIMENSIONS ARE IN INCHES		MILLIT. (MILS)							
TOLERANCES		XX ± .02		DRUM		5.1848			
		XXX ± .010		J. CONTAINER		5.1436			
		ANGLES ± .2		5. SHOTTER		5.1546			
		HOLE DIA. ± .005		APPROVED		5.1546			
BREAK ALL SHARP EDGES								82% FECL	
ALL MACHINED SURFACES								DWG NO.	
APPROVED								1041-2	
SCALE								NONE	
SHEET 1 OF 1								A	
1041-2 DWG								1041-2	

REVISIONS						
REV	DESCRIPTION	EFF	PT/DSP	DRAWN	CHKD	APPD

NAMEPLATE



NOTES:

1. FOR SPECIFICATION SEE 1000-100-1.

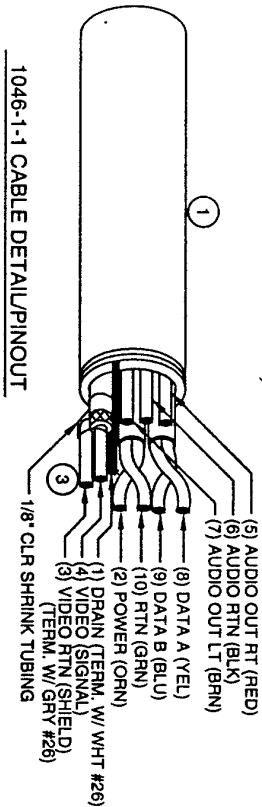
PART NO. 1049-1-1

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TOLERANCES XX ± — XXX ± — ANGLES ± — HOLE DIA. ± —		DRAWN S. SNYDER 5-14-92		SIZE B		FSCN 59959	
BREAK ALL SHARP EDGES ☒ ALL MACHINED SURFACES		CHECKED S. SNYDER 5-14-92		DWG NO. 1049-2		REV 1	
APPROVED K. RYAN		SCALE NONE		SHEET 1 OF 1			

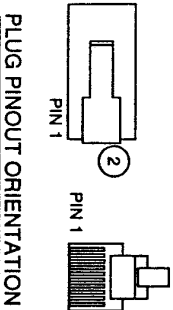
B					REVISIONS		
REV	DESCRIPTION	EFF PT/DISP	DRAWN	CHKD	APPD		
B	SEE D.C.N.	10-10-96	S.S.	102	344		

NOTES: (PART MARK ON CABLE NEAR A CONNECTOR AFTER ASSY)

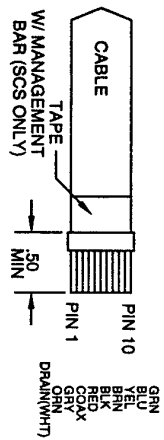
- PART NUMBER 1043-1-X, WHERE X = LENGTH IN INCHES (SEE TOL.)
- CUT CABLE TO LENGTH NEEDED; ALLOW EXTRA FOR TERMINATIONS.
- CUT 2 PCS OF 1/4" TUBING 1.00 LG & PRE-THREAD ON CABLE.
- STRIP OVERALL JACKET AND SHIELDS BACK 1.00 FROM ENDS.
- STRIP COAX JACKET .80 LEAVING .10 OF COAX SHIELD SHOWING. USING 1.00 OF ITEM #3, TERMINATE COAX SHIELD; SLEEVE SHIELD. USING 1.00 OF ITEM #5, TERMINATE CABLE DRAIN WIRE; SLEEVE. COAX SIGNAL & SHIELD AND CABLE SHIELD ARE NOW TERMINATABLE.
- ARRANGE WIRES (1 - 10) SO THEY ARE IN ORDER (SEE PINOUT); LOAD WIRES INTO MANAGEMENT BAR FROM BEHIND (BAR IS TAPERED); USE SMALL PIECE OF NYLAR TAPE TO HELP HOLD WIRES IN PLACE; 10 WIRES SHOULD BE SIDE-BY-SIDE WITH .50 OF WIRES FREE; INSURE WIRES ENDS ARE ALL SAME LENGTH AND ROUNDED.
- START MANAGEMENT BAR CLOSE TO WIRE ENDS BEFORE INSERTION; INSERT WIRES INTO PLUG (OBSERVING POLARITY-DRAIN IS PIN 1).
- POSITION 1/4" CLR TUBING INSIDE PLUG FOR STRAIN RELIEF.
- VISUALLY CHECK THAT ALL WIRES ARE AT END OF PLUG.
- CRIMP WIRE AND PLUG WITH TOOL; CHECK FOR CONTINUITY.
- PLACE 1.50 LG BLK 1/2" TUBING, .40 MIN OVER BACK OF PLUG; DO NOT IMPEDE LOCK LEVER; SHRINK ALL TUBING W/ LOW HEAT.



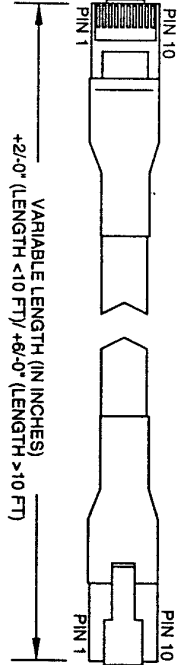
1046-1-1 CABLE DETAIL/PINOUT



PLUG PINOUT ORIENTATION



WIRE PREP DETAIL



VARIABLE LENGTH (IN INCHES)
+2'-0" (LENGTH <10 FT) / +8'-0" (LENGTH >10 FT)

PART NO. 1043-1-X

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QTY	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPECIFICATION	ITEM NO.
3"	96000-46/1100-43A-9	WIRE, #26AWG	TYPE E 600V 19/38	5
A/R	96000-233/-90/-92	SHRINK TUBING	1/2" 3-1 BLK; 1/4" 1/8" 2-1 CLR	4
3"	96000-46/1100-43A-8	WIRE, #26AWG	TYPE E 600V 19/38	3
2	92100-468/937-SP-301010-2PC-A192	PLUG, MODULAR	10 POS/10 CONT W/ BAR SCS	2
A/R	1046-1-1	AV PLUG N' PLAY CABLE	8 CONDUCTOR W/ DRAIN WIRE	1

PARTS LIST

UNLESS OTHERWISE SPECIFIED:				
DIMENSIONS ARE IN INCHES				
TOLERANCES	XXX ±	XX ±	XX ±	XX ±
ANGLES	XXX ±	XX ±	XX ±	XX ±
HOLE DIA.	XXX ±	XX ±	XX ±	XX ±
BREAK ALL SHARP EDGES	XXX ±	XX ±	XX ±	XX ±
ALL MACHINED SURFACES	XXX ±	XX ±	XX ±	XX ±
APPROVED	J.K.D.	3-6-96	SCALE	NONE
1043-1-X-DWG	1043-1-X	SHEET 1 OF 1	REV	B

CABLE ASSY

AV PLUG N' PLAY CABLE

REVISIONS			REV	DESCRIPTION	DATE	DRAWN	CHKD	APPD
			3					
			E	SEC DCN	03-11-97	ALV		

NOTES:

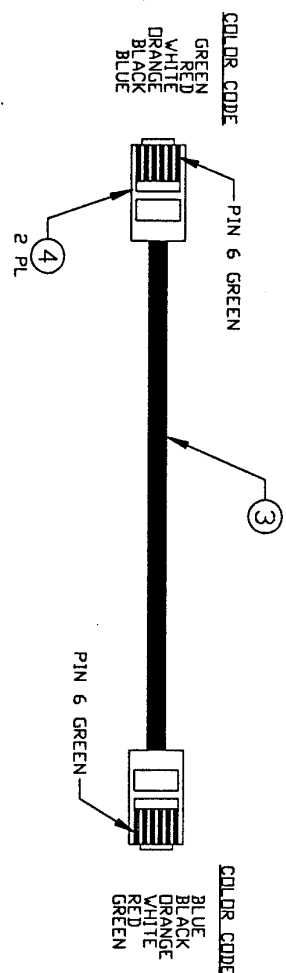
1. STRIP TEFLON .35 FROM END.
2. FAN OUT WIRES INTO ORDER

GREEN	PIN 6
RED	5
WHITE	4
ORANGE	3
BLACK	2
BLUE	PIN 1

3. CUT OFF FIBER INSULATION BETWEEN WIRES
4. MASH WIRES FLAT WITH PLIERS.
5. CREATE A TIGHT FLAT ORDER OF WIRES AND TRIM FLUSH ENDS TO .275±.025 LENGTH.
6. INSERT WIRES INTO PLUG MAKING PIN 1 BLUE AND PIN 6 GREEN.



7. CHECK WIRE ORDER AGAIN AND SEE THAT WIRES HAVE GONE TO END OF PLUG.
8. CRIMP PLUG AND WIRE IN TOOL, MAKING SURE THAT WIRES ARE PENETRATED BY CONTACT PINS.
9. PART NUMBER DENOTES CABLE LENGTH TO THE NEAREST INCH. EX: PN 1045-27-10 WOULD BE A CABLE ASSY 10 INCHES IN LENGTH. LENGTH IS MEASURED FROM CONNECTOR TO CONNECTOR.
10. PART MARK ON CABLE NEAR A CONNECTOR AFTER ASSEMBLY.



PN 1045-27-X

REDUCED
SCALE PRINT

QTY	QTY REQ	FSCM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPECIFICATION	ITEM NO.
2			92100-0291-000	AMP MODULAR PLUG		4
A/R			1045-1-1	MICRONET CABLE		3
			1045-27-1	CABLE ASSY		2
						1

PARTS LIST

UNLESS OTHERWISE SPECIFIED			PACIFIC SYSTEMS CORPORATION			CABLE ASSY		
DIMENSIONS ARE IN INCHES			SCALE: VARIOUS			MICRONET		
TOLERANCES	XXX 2	.002	DRAWN	L.L.B.	8-16-93	SIZE	FSCM	DWG NO.
ANGLES	XXX 2	.003	CHECKED	M. STALIZ	8-16-93	DATE	39959	1045-27
HOLE DIA.	XXX 2	.003	ENGINEER	M. STALIZ	8-16-93	SHEET	1 OF 1	
BREAK ALL SHARP EDGES			APPROVED	L.L.B.	8-19-93	SCALE	NONE	
ALL MACHINED SURFACES								

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Integrated Cabin Management Software Generic Specification and Configuration

CESSNA AUDIO/VIDEO MICRONET MASTER

Pacific Systems' Part Number: 1051-1-X/ 1051-512-X

Document Number: 1051-52-1

Revision: A

Pacific Systems Release:

Drawn: Stasha Michael

Checked: _____

Engineer: Charlie Morison

Approved: _____

Customer Acceptance:

Customer: _____

Date: _____

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Integrated Cabin Management and Generic Software Specification and Configuration

CESSNA AUDIO/VIDEO MICRONET MASTER

1051-52-1 (1051521A)

Revision: A

Error! Unknown document property name. (1051521a) Acceptance Test Procedure

Revision: **Error! Unknown document property name.** Subject of document

Page 1 of 48

Page 1 of 48

Revisions

<i>Revision</i>	<i>Description of Change</i>	<i>Date</i>
P1	Initial Draft	02/12/97
NEW	Initial Release	02/25/97
A	Corrected Errors in Variable Intensity Lighting Description	07/15/97

Verification

ENGINEER:	DATE:	VERIFIER:	DATE:	VERIFICATION LEVEL:
				.1
				.2
				.3
				.4
				.5

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Integrated Cabin Management and Generic Software Specification and Configuration

CESSNA AUDIO/VIDEO MICRONET MASTER

1051-52-1 (1051521A)

Revision: A

Page 2 of 48

Error! Unknown document property name. (1051521a) Acceptance Test Procedure

Page 2 of 48

Revision: **Error! Unknown document property name.** Subject of document

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Integrated Cabin Management and Generic Software Specification and Configuration

CESSNA AUDIO/VIDEO MICRONET MASTER

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1. Introduction

- 1.1. This document describes the generic operation of the 1051-1-X/1051-512-X Cessna Audio/Video Micronet Master.
- 1.2. The network controlled by the 1051-512-X contains the following units:

Table 1.1 - System Components for Cessna Audio/Video Micronet Master

Network Location	Unit Number	Software Number	Basic Controls
Master	1051-1-X	1051-512-X	Shade, Water Heater, Cabin Lighting, Power Switching, Additional Lighting, Cabin Monitor, Cabin Speakers, Cabin Temperature
Slave 1	1051-1-X	1051-512-X	Shade, Cabin Lighting, Power Switching, Additional Lighting, Monitor Power
Slave 2	1024-1-X	1024-426-X	Audio/Video, Airshow, Prioritized Audio/Video

- 1.3. The 1051-512-X software shall control the following systems when operating as a MicroNet Master:
 - Battery Bus On / Off Control with restricted operation
 - SmartSwitch Intensity
 - On / Off Lighting Control
 - On / Off Light Control
 - Cabin Temperature Control
 - Master shade Up / Down Control
 - Water Heater On / Off and Low, Medium, and High Temperature Control
 - On / Off Power Switching Control
 - Seat Audio / Video Control
 - Cabin Audio/Video Control
 - Airshow Computer Control

2. Power Up and Initialization

This section describes how the system behaves after a power up, reset, or a power glitch (loss of power for less than 10 minutes).

2.1. 1051-512-X Master Operation

2.1.1. If LI22 through LI27, the Slave Address strapping inputs, are floating at power up, the unit shall function as a Micronet Master.

2.1.2. If the Master's software powers down and then is powered back up again in the application software mode, the Master will configure itself to the *default initial values*, assuming at least one of the following conditions is met:

- At least 11 minutes has expired since the unit was last powered up,
- The unit was previously powered up in a test mode, or
- The Master CPU card's RAM is corrupt.

If none of the above conditions are met, the unit will return all of its active outputs to their *previous values*. Note that a power-off duration greater than 10 minutes but less than 11 minutes may cause the unit to power-up with either the *default initial values* or the *previous values*.

- 2.1.3. *Default initial values* for all unused status outputs is off and for all unused relays is open (deactivated).
- 2.1.4. *Default initial values* for all applicable outputs are shown in Section 4.
- 2.1.5. Upon initial power up or if the Master enters Battery Bus Mode, the Airshow Control shall be locked off for 45 seconds to prevent the Airshow computer from entering test mode.
- 2.1.6. When the Master powers-up, its software will perform power-up and operational display diagnostics as indicated in PSC EQUIPMENT SPECIFICATION DOCUMENT 1051-500-X.
- 2.1.7. The system's software contains test routines with start-up procedure and functionality as described in PSC SPECIFICATION DOCUMENT 1051-51-X. Whenever the system's test mode is entered, a power up reset is required to execute the application software.

2.2. 1051-512-X Slave Operation

- 2.2.1. If at least one of the Slave Address strapping inputs, LI22 through LI27, is grounded at power up, and the unit has not entered one of the test modes, the unit shall function as a Micronet Slave with an address determined by the strapping of inputs LI22 through LI27. See PSC EQUIPMENT SPECIFICATION DOCUMENT 1051-500-1 for information on the decoding of the Slave Address strapping inputs.
- 2.2.2. At power-up, the Slave will always configure itself to the default initial values.
- 2.2.3. While operating as a Micronet Slave, the software shall perform no local system control. The input states are sent to the Master via the Micronet, and the Master sets the states of the slave's status outputs, relay outputs, Voltage reference outputs, and Digital Potentiometer via the Micronet. The Slave's SmartSwitch is not controllable from the Master with this software.
- 2.2.4. When operating as a Micronet Slave, the software will perform power-up and operational display diagnostics as indicated in PSC EQUIPMENT SPECIFICATION DOCUMENT 1051-500-X.

3. Standard Descriptions of Control Functions

The following sections give standard functional descriptions of the control functions that make up the system. Both the functionality and operation of the control functions are discussed. The function of each control is presented in terms of the SmartSwitch text displayed and the relationship between inputs and outputs.

3.1. SmartSwitch Display Control (Dual Line)

3.1.1. DESCRIPTION

The SmartSwitch readout features a dual line display. The top display (*Mode*) specifies the control quality being displayed while the bottom display (*Mode Info*) specifies the setting of a current mode (e.g. the current audio input channel for a SmartSwitch).

3.1.2. SMARTSWITCH DISPLAY TEXT

When the system is activated the SmartSwitch display defaults to the following greeting for the Master only:

Top Display (<i>Mode</i>)	"WELCOME "
Bottom Display (<i>Mode Info</i>)	"ABOARD "

3.1.3. OPERATION

The following general rules are for input activations which effect the SmartSwitch.

1. An input activation when the display matches the mode of input forces the control to be carried out and changes the bottom display to reflect the new output state. For either individual audio/video or audio/video at the Master,

- The display shows the current audio channel: " AUDIO " *Mode*
" CD " *Mode Info*
- The user presses the audio select key again.
- The display updates to: " AUDIO " *Mode*
" VCR " *Mode Info*

2. For individual audio/video, an input activation when the SmartSwitch display **does not** match the mode of input, changes the displays to reflect the control input and increments the mode. For example,

- The display shows the current video channel: " VIDEO " *Mode*
" VCR " *Mode Info*
- The user presses the audio select key.
- The display updates to: " AUDIO " *Mode*
" CD " *Mode Info*
- The user presses the video select key.
- The display updates to: " VIDEO " *Mode*
"AIRSHOW " *Mode Info*
- The user presses the audio select key.
- The display updates to: " AUDIO " *Mode*
" VCR " *Mode Info*

3.2. **Battery Bus Operation**

- 3.2.1. If the Master detects the following conditions: the +28 VDC input is floating, +28 VDC is applied to the Power Battery In input, and the Battery On input is grounded, the Master shall perform the following:
- Set the Internal Battery Power Enable (Master) to on,
 - Reset the Ten Minute Battery Enable Counter,
 - Reset the Airshow Lockout Timer to 45 seconds,
 - Set all Status Outputs to off,
 - Set all Relays to open, except CKT14 (Master (J3)),
 - Set Voltage Reference Outputs 1, 2, and 3 (Master (J3)) to 3.1 VDC,
 - Blank top and bottom SmartSwitch Displays (Master).
- 3.2.1.1. Once Battery Bus Mode has been entered, the master software shall process only the Cabin Entry Lighting (See Section 3.8 Additional Lighting Control). No other systems shall be operational.
- 3.2.1.2. If the Battery On input is floated while the conditions of 3.2.1 are met, the Ten Minute Battery Enable Counter is enabled. The Master shall disable the Internal Battery Power Enable if the +28 VDC input is floating, +28 VDC is applied to the Power Battery In input, and the Battery On input is floating for approximately 10 minutes. Thus, the unit shall power down. If power is applied to the +28 VDC input or the Battery On input is grounded, the Ten Minute Battery Enable Counter shall be reset.
- 3.2.2. If power is applied to +28 VDC input, the Master shall restore the outputs which were changed to their *previous values* and update to the present system conditions as described in this document.

3.3. Audio Control

3.3.1. DESCRIPTION

The 1051-1-X Master includes cabin and individual Audio Control which allows adjustment of speaker volume and audio source selection for either cabin speakers or individual headsets. All headsets are programmed to be unlinked from one another. Local control occurs at the slave level. If the master has not communicated with the slaves, there is no local control.

3.3.2. SMARTSWITCH DISPLAY TEXT

The settings of Rotary Switches S1 and S3 of Slave 2 (1024-1-X) determine the number of audio channels which can be selected. Rotary Switch S1 determines the number of “audio-only” channels. “Audio-only” designates the number of audio input channels with no associated video channels. Rotary Switch S3 determines the number of “video and audio” channels. “Video and audio” designates the number of video channels the user can reach by scrolling the video selections. Each video channel is allocated a matching audio channel.

The maximum switch setting for S3 is 5. The maximum switch setting for S1 is dependent on the number of audio channels not used for the S3 setting (5 minus S3’s setting). The minimum setting for both S1 and S3 is 0. If S1 or S3 is set greater than its maximum quantity, the software will halt and “Er” will display on the diagnostic LED readout of Slave 2 (1024-1-X) until both S1 and S3 have valid settings.

Table 3.1 describes the SmartSwitch text used by the Audio Control function **for the S1 and S3 settings which are typically used (S1 = 1 , S3 = 1)**. See Section 3.1 for an explanation of the standard rules of SmartSwitch display control.

Table 3.1 - SmartSwitch Display Text for Typical Rotary Settings (S1 = 1 , S3 = 1)

Audio Channel Input	Audio Control States	Top Display Mode	Bottom Display Mode Info
1	0	" AUDIO "	" CD "
2	1	" AUDIO "	" VCR "

NOTE: Volume is an exception to the standard rules for SmartSwitch displays. Section 3.3.5 describes the SmartSwitch display for the Volume Control.

3.3.3. BASIC INPUT/OUTPUTS

Table 3.2 depicts the basic Audio Control inputs and outputs. The relationship between inputs and outputs is discussed in Section 3.3.5 - Operation.

Table 3.2- Generic Input/Outputs for Audio Control Function

Logical Input Name	Logical Output Name	Default Initial Values
Audio Source Select	Audio [Source Channel]	Channel 1
Cabin Speakers On/Off	Cabin Speakers On/Off Status	Off
Volume Up	Audio [Mute]	Mute On
Volume Down	Audio [Volume]	-30 dB
Cabin Speakers Enable	Cabin Speakers Relay	Open
+12 VDC Cabin Speakers Enable		
+28 VDC Cabin Speakers Enable		

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3.3.4. DEFINITION OF OPERATIONAL TERMS

Default volume: the volume level associated with the initial power-up condition of the module.

Turn on the audio channel: If the Audio Control State is **0**, then the Audio Control State is set to **1**, the volume is set to the *default volume* level, and the mute is turned off. If the Audio Control State is not **0** and the channel's mute is on, the volume is set to the *default volume* level, and the channel's mute is turned off.

Turn off the audio channel: The Audio Control State is set to **0**.

3.3.5. OPERATION

Cabin Speakers On/Off

1. Pressing the Cabin Speakers On/Off key when the speakers are off and any one of the Cabin Speakers Enable inputs is activated shall *turn on the audio channel*, close the Cabin Speakers Relay and turn on the Cabin Speakers On/Off Status. See Volume Up (Down) functionality for the SmartSwitch Display text.
2. Pressing the Cabin Speakers On/Off key when the speakers are off and all of the Cabin Speakers Enable inputs are deactivated shall have no effect.
3. Pressing the Cabin Speakers On/Off key when the speakers are on shall *turn off the audio channel*, open the Speaker Relay, and turn off the Cabin Speakers On/Off Status. The SmartSwitch Display shall reflect the change:
 - The top display will show " VOLUME " .
 - The bottom display will show " OFF " .

Volume Up (Down)

1. Pressing the Volume Up or Volume Down key when the audio is off shall *turn on the audio channel* for individual audio only.
2. Pressing the Volume Up (Down) key when the audio is on shall increment (decrement) the audio channel's volume. Holding down the Volume Up (Down) key shall increment (decrement) the volume at a rate of ~9 dB per second.
3. If the volume is changed, the SmartSwitch display will reflect the change.
 - The top display will show " VOLUME " .
 - The bottom display will show a ramp indicating the volume level (between 0 dB and -80 dB of maximum volume) with each bar representing 2 dB:

Minimum: .

Mid Scale: — = ≡ ≡

Maximum: — = ≡ ≡ ≡ ≡ ≡ ≡

- Once a volume key is released, the SmartSwitch will revert to its previous display after 2 seconds for individual audio only.
4. If both the Volume Up and Volume Down keys are pressed simultaneously, the volume will neither increase nor decrease.

Audio Source Select

1. Pressing the Audio Source Select key when the audio is off shall *turn on the audio channel* for individual audio only.
2. Each press of the Audio Source Select key when the audio is on shall increment the Audio Control State (refer to Table 3.1). When the Audio Control State exceeds its maximum value, it shall rollover to state **1**.

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3. Holding down the Audio Source Select key shall increment the Audio Control State approximately every 2 seconds.

3.4. Video Control

3.4.1. DESCRIPTION

The 1051-512-X Master includes cabin and individual Video Control which allows adjustment of video source selection for either a FWD Cabin Monitor or individual seat monitors. Local control occurs at the slave level. If the master has not communicated with the slaves, there is no local control.

3.4.2. SMARTSWITCH DISPLAY TEXT

The settings of Rotary Switch S3 of Slave 2 (1024-1-X) and the Airshow Enable input determine the number of video channels which can be selected. Rotary Switch S3 determines the number of “video and audio” channels. “Video and audio” designates the number of video channels the user can reach by scrolling the video selections. Each video channel is allocated a matching audio channel.

The maximum switch setting for S3 is 5. The maximum switch setting for S1 is dependent on the number of audio channels not used for the S3 setting (5 minus S3’s setting). The minimum setting for both S1 and S3 is 0. If S1 or S3 is set greater than its maximum quantity, the software will halt and “Er” will display on the diagnostic LED readout of Slave 2 (1024-1-X) until both S1 and S3 have valid settings.

Table 3.1 describes the SmartSwitch text used by the Video Control function **for the S3 and Airshow Enable settings which are typically used (S3 = 1, Airshow Enable activated)**. See Section 3.1 for an explanation of the standard rules of SmartSwitch display control.

Table 3.3- SmartSwitch Display Text for Typical Rotary Settings (S3 = 1, Enable Airshow activated)

Video Channel Input	Audio Sync Channel	Video Control States	Top Display Mode	Bottom Display Mode Info
8**	N/A	0	" VIDEO "	"AIRSHOW "
1	2	1	" VIDEO "	" VCR "

** If Airshow Enable is deactivated, then Video Channel 8 (Airshow) is inaccessible.

3.4.3. BASIC INPUT/OUTPUTS

Table 3.4 depicts the basic Video Control inputs and outputs. The relationship between inputs and outputs is discussed in Section 3.4.5 - Operation.

Table 3.4 - Generic Input/Outputs for Video Control Function

Logical Input Name	Logical Output Name	Default Initial Values
Video Source Select	Video [Source Channel]	Channel 1 **
FWD Monitor On/Off	Monitor Relay	Open

** If Airshow Enable is activated, the default Video Channel shall be Channel 8 (Airshow).

3.4.4. DEFINITION OF OPERATIONAL TERMS

Turn on the video channel: If the Video Control State is **0**, the Video Control State is set to **1**. The Monitor Relay is set closed and the Monitor On/Off Status is turned on.

Turn off the video channel: The Video Control State is set to **0** for the video channel associated with the SmartSwitch. The FWD Monitor Relay is set open and the FWD Monitor On/Off Status is turned off.

3.4.5. OPERATION

FWD Monitor On/Off

1. Pressing the FWD Monitor On/Off key when the video is off shall *turn on the video channel*.
2. Pressing the FWD Monitor On/Off key when the video is on shall *turn off the video channel*.

Video Source Select

1. Pressing the Video Source Select key when the video is on shall increment the Video Control State (refer to Table 3.3). When the Video Control State exceeds its maximum value, it shall rollover to state **1**.
2. Holding down the Video Source Select key shall increment the Video Control State approximately every 2 seconds.

3.5. Airshow Mode Control

3.5.1. DESCRIPTION

The Airshow Computer Control system allows the Airshow computer's mode to be changed. The Airshow Computer Control uses a status output to interface to the Airshow computer's scroll input.

3.5.2. BASIC INPUT/OUTPUTS

Table 3.5 depicts the basic Airshow Mode Control inputs and outputs. The relationship between inputs and outputs is discussed in Section 3.5.3 - Operation.

Table 3.5- Generic Input/Outputs for Airshow Control Function

Logical Input Name	Logical Output Name	Default Initial Values
Airshow Mode Select	Airshow Mode Status	Off
Airshow Enable	Video [Source Channel]	-----

3.5.3. OPERATION

1. Upon initial power up of the Master or Slave 2, or if the Master enters Battery Bus Mode, the Airshow Control output shall be turned off and locked off for 45 seconds to prevent the Airshow computer from entering test mode.
2. After 45 seconds has expired, pressing the Airshow Mode Select key shall increment the Airshow Control State in an order determined by the Airshow equipment.
3. Holding down the Airshow Mode Select key shall increment the Airshow Control State approximately every 2 seconds. The Airshow Mode Status shall be pulsed on for 0.5 seconds and pulsed off for 1.5 seconds.
4. Activating Airshow Enable shall cause Channel 8 (Airshow) to be accessible.
5. Deactivating Airshow Enable shall cause Channel 8 (Airshow) to be inaccessible.

3.6. Prioritized Audio/Video Control

3.6.1. DESCRIPTION

The Prioritized Audio/Video Control system allows either the cabin crew or cockpit to address the passengers through audio or video means.

3.6.2. SMARTSWITCH DISPLAY TEXT

Table 3.6 and Table 3.7 describes the SmartSwitch text used by the Prioritized Audio/Video Control functions. See Section 3.1 for an explanation of the standard rules of SmartSwitch display control.

Table 3.6 - SmartSwitch Display Text for Prioritized Video Control Function

Video PA Control State	Video Channel	Top Display Mode	Bottom Display Mode Info
1	7	" VIDEO "	" BRIEF "
2	6	" VIDEO "	" PRES. "

Table 3.7 - SmartSwitch Display Text for Prioritized Audio Control Function

Audio PA Control State	Audio Channel	Top Display Mode	Bottom Display Mode Info
1	8	" PASS. "	"ADDRESS "
2	Chime	display unchanged	display unchanged
3	7	" AUDIO "	" BRIEF "
4	6	" AUDIO "	"ANNOUNCE"

NOTE: The Prioritized Audio/Video Control does not follow the standard rules for SmartSwitch displays. When a Prioritized Audio/Video input is activated the displays are updated immediately. When all Prioritized Audio/Video inputs are deactivated the effected displays are restored to their previous state.

The SmartSwitch Display on the 1051-512-X Master is only affected by a Prioritized Audio (Video) input if its current display mode is Audio (Video).

3.6.3. BASIC INPUT/OUTPUTS

Table 3.8 depicts the basic Prioritized Control inputs and outputs. The relationship between inputs and outputs is discussed in Section 3.6.4 - Operation.

Table 3.8 - Generic Input/Outputs for Prioritized Control Function

Logical Input Name	Logical Output Name	Default Initial Values
Video Briefer	Video [Source Channel]	N/A
Video Presentation		
PA	Audio [Mute]	N/A
Chime	Audio [Volume]	
Audio Briefer	Audio [Source Channel]	
Audio Announcement		

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3.6.4. OPERATION

1. When a Prioritized Control input is active, the source input for all audio and video outputs is set to the corresponding channel as identified in Table 3.9.
2. When the Prioritized Control input is released, the audio and video outputs will revert to their previous states.
3. The Prioritized Control Audio input with the highest priority takes precedence over all other Audio inputs.
4. The Prioritized Control Video input with the highest priority takes precedence over all other Video inputs.
5. The Prioritized Control Video SmartSwitch Display has a higher priority than the Prioritized Control Audio SmartSwitch Display.
6. Chime occurs during Audio Briefer or Audio Announcement and occurs following PA.
7. While a Prioritized Control input is active, all keys that affect the output channel are ignored, with the exception of higher priority Prioritized Control inputs.

Table 3.9 - Prioritized Audio/Video Control

PA Control Input	Priority	PA Control State	Audio Source	Video Source	Audio Mute	Volume Level
Video Briefer	1	0	-----	7	Off	-30 dB
Video Presentation	2	1	-----	6	Off	-30 dB
PA	1	1	8	-----	Off	-30 dB
Chime	2	2	Chime	-----	Off	3 sec. mute
Audio Briefer	3	3	7	-----	Off	-30 dB
Audio Announcement	4	4	6	-----	Off	-30 dB

3.7. Variable Intensity Lighting Control

3.7.1. DESCRIPTION

The Variable Intensity Lighting Control function allows the cabin and vanity lights to be turned on or off and the intensity level to be varied.

3.7.2. SMARTSWITCH DISPLAY TEXT

Table 3.10 describes the SmartSwitch text used by the Variable Intensity Lighting Control function. See Section 3.1 for an explanation of the standard rules of SmartSwitch display control.

Table 3.10 - SmartSwitch Display Text for Variable Intensity Lighting Control Function

Light Input	Top Display Mode	Bottom Display** Mode Info
Upper Lights On/Off	"UPR LTS "	blank
Lower Lights On/Off	"LWR LTS "	blank

**The Bottom SmartSwitch Display shall indicate the intensity level as a 40 element bar graph when the lights are on. If the light is at minimum intensity level, one bar graph element is lit; if the light is at mid intensity level, 20 of the bar graph elements are lit; and if the light is at maximum intensity level, all 40 bar graph elements are lit as illustrated below.

Minimum: |

Mid Scale: |||| |||| |||| ||||

Maximum: |||| |||| |||| |||| |||| |||| ||||

3.7.3. BASIC INPUT/OUTPUTS

Table 3.11 depicts the basic Variable Intensity Lighting Control inputs and outputs. The relationship between inputs and outputs is discussed in Section 3.7.4 - Operation.

Table 3.11 - Generic Input/Outputs for Variable Intensity Lighting Control Function

Logical Input Name	Logical Output Name	Default Initial Values
Cabin Lights On/Off	Cabin Lights On/Off Status	Off
	Cabin Lights On/Off Statuses	Off
	Cabin Lights Relays	Open
Cabin Upper Lights On/Off	Cabin Upper Lights On/Off Status	Off
	Cabin Upper Lights Relay	Open
Cabin Lower Lights On/Off	Cabin Lower Lights On/Off Status	Off
	Cabin Lower Lights Relay	Open
Vanity Lights On/Off	Vanity Lights On/Off Status	Off
	Vanity Lights Relay	Open
Bright Select (Up)	Bright Status	Off

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Dim Select (Down)	Dim Status	Off
	Voltage Reference Output	3.10 VDC

3.7.4. OPERATION

Cabin Lights On/Off

1. Pressing the Cabin Lights On/Off key shall toggle the Cabin Lights On/Off Status.
2. If the Cabin Lights On/Off Status is set on, then the Cabin Upper and Lower Lights On/Off Statuses shall be set on and the Cabin Upper and Lower Lights Relays shall be set closed.
3. If the Cabin Lights On/Off Status is set off, then the Cabin Upper and Lower Lights On/Off Statuses shall be set off and the Cabin Upper and Lower Lights Relays shall be set opened.

Cabin Upper Lights On/Off

1. Pressing the Cabin Upper Lights On/Off key shall toggle the Cabin Upper Lights Relay open or closed and set the lights to their previous intensity levels. The Cabin Upper Lights On/Off Status is on when the relay is closed and off when the relay is open.
2. Pressing the Cabin Lower Lights On/Off key when the Cabin Lights On/Off Status is set off shall turn on the Cabin Lights On/Off Status.

Cabin Lower Lights On/Off

1. Pressing the Cabin Lower Lights On/Off key shall toggle the Cabin Lower Lights Relay open or closed and set the lights to their previous intensity levels. The Cabin Lower Lights On/Off Status is on when the relay is closed and off when the relay is open.
2. Pressing the Cabin Lower Lights On/Off key when the Cabin Lights On/Off Status is set off shall turn on the Cabin Lights On/Off Status.

Vanity Lights On/Off

1. Pressing the Vanity Lights On/Off key shall toggle the Vanity Lights Relay open or closed and set the lights to their previous intensity levels. The Vanity Lights On/Off Status is on when the relay is closed and off when the relay is open.

Bright Select (Up)

1. Pressing a Bright Select key shall increment the intensity level.
2. Pressing and holding a Bright Select key shall increment the intensity level at a rate of 8 bars per second until the light intensity is at the maximum intensity level.
3. If both the Bright Select and Dim Select keys are pressed simultaneously, the light intensity will neither increase nor decrease.

Dim Select (Down)

1. Pressing a Dim Select key shall decrement the intensity level.
2. Pressing and holding a Dim Select key shall decrement the intensity level at a rate of 8 bars per second until the light intensity is at the minimum intensity level.
3. If both the Bright Select and Dim Select keys are pressed simultaneously, the light intensity will neither increase nor decrease.

3.8. Additional Lighting Control

3.8.1. DESCRIPTION

The Additional Lighting Control function allows the Divider, Aisle, Read, Accent, Cabin Entry, Work, and FWD Overhead Lights to be turned on or off.

3.8.2. BASIC INPUT/OUTPUTS

Table 3.12 depicts the basic Additional Lighting Control inputs and outputs. The relationship between inputs and outputs is discussed in Section 3.7.4 - Operation.

Table 3.12 - Generic Input/Outputs for Additional Lighting Control Function

Logical Input Name	Logical Output Name	Default Initial Values
Divider Light On/Off	Divider Light On/Off Status	Off
	Divider Light Relay	Open
Aisle Light On/Off	Aisle Light On/Off Status	Off
	Aisle Light Relay	Open
Read Light On/Off	Read Light On/Off Status	Off
	Read Light Relay	Open
Accent Light On/Off	Accent Light On/Off Status	Off
	Accent Light Relay	Open
Cabin Entry Light On/Off	Cabin Entry Light On/Off Status	Off
	Cabin Entry Light Relay	Open
Work Light On/Off	Work Light On/Off Status	Off
	Work Light Relay	Open
FWD Overhead Light On/Off	FWD Overhead Light On/Off Status	Off
	FWD Overhead Light Relay	Open

3.8.3. OPERATION

All Additional Lighting Control inputs shown in Table 3.12 function similarly:

1. Pressing a Light On/Off key shall toggle all Light Relays associated with the key open or closed. Light On/Off Statuses associated with the key are on when the relays are closed and off when the relays are open.

3.9. Water Heater Control

3.9.1. DESCRIPTION

The Water Heater Control system allows the Water Heater to be turned on or off and allows for control of the water temperature. The Water Heater Control system has four operational states: Off, Low Temperature, Medium Temperature, and High Temperature.

3.9.2. BASIC INPUT/OUTPUTS

Table 3.13 depicts the basic Water Heater Control inputs and outputs. The relationship between inputs and outputs is discussed in Section 3.9.3 - Operation.

Table 3.13 - Generic Input/Outputs for Water Heater Control Function

Logical Input Name	Logical Output Name	Default Initial Values
Water Heater On/Off	Water Heater On/Off Status	Off
Water Heater Temperature Select	Water Heater Low Temperature Status	Off
	Water Heater Low Temperature Relay	Open
	Water Heater Medium Temperature Status	Off
	Water Heater Medium Temperature Relay	Open
	Water Heater High Temperature Status	Off
	Water Heater High Temperature Relay	Open

3.9.3. OPERATION

Water Heater On/Off

1. Pressing the Water Heater On/Off key when the Water Heater is off shall close the Water Heater Medium Temperature Relay, turn on the Water Heater Medium Temperature Status, and turn on the Water Heater On/Off Status.
2. Pressing the Water Heater On/Off key when the Water Heater is on shall open all Water Heater Temperature Relays, turn off all Water Heater Temperature Statuses, and turn off the Water Heater On/Off Status.

Water Heater Temperature Select

1. Pressing the Water Heater Temperature Select key shall increment the Water Heater Temperature State in the following order: Off, Low Temperature, Medium Temperature, High Temperature, Off, etc.
2. Holding down the Water Heater Temperature Select key shall increment the Water Heater Temperature State approximately every 1.25 seconds.

3.10. Cabin Temperature Controls

3.10.1. DESCRIPTION

The Cabin Temperature Control systems allows for the temperature to be increased or decreased.

3.10.2. SMARTSWITCH DISPLAY TEXT

When the Cabin Temperature Control system is activated the SmartSwitch display shall show the following:

Top Display (*Mode*) " TEMP "

The Bottom SmartSwitch Display shall indicate the Cabin Temperature as a 30 element bar graph. The bar graph shall indicate "C" on the far left and "H" on the far right as illustrated below. If the temperature set point is at Full Cool, no bar graph elements are lit; if the temperature set point is at mid scale, 15 bar graph elements are lit; and if the temperature set point is at Full Warm, all 30 bar graph elements are lit as illustrated below.

Full Cool: C H
Mid Scale: C |||| |||| |||| H
Full Warm: C |||| |||| |||| |||| |||| |||| H

3.10.3. BASIC INPUT/OUTPUTS

Table 3.14 depicts the basic inputs and outputs for the Cabin Temperature Control system. The relationship between inputs and outputs is discussed in Section 3.10.4 - Operation.

Table 3.14 - Generic Input/Outputs for Cabin Temperature Control Functions

Logical Input Name	Logical Output Name	Default Initial Values
Cabin Temperature Select Cabin Temperature Up Cabin Temperature Down	Digital Potentiometer	499 Ω

3.10.4. OPERATION

Cabin Temperature Select

- Pressing a Cabin Temperature Select key shall set the Control/Display mode to Cabin Temperature.

Cabin Temperature Up (Down)

- Pressing a Up (Down) key shall increment (decrement) the Cabin Temperature State.
- Holding down the Up (Down) key shall increment (decrement) the Cabin Temperature State approximately 13 states per second until the cabin temperature is at a maximum (minimum).

3. If both the Up and Down keys are pressed simultaneously, the Cabin Temperature State shall neither increase nor decrease.

3.11. Shade Control

3.11.1. DESCRIPTION

The Shade Control system allows the shades to be opened or closed.

3.11.2. SMARTSWITCH DISPLAY TEXT

Table 3.15 describes the SmartSwitch text used by the Shade Control function. See Section 3.1 for an explanation of the standard rules of SmartSwitch display control.

Table 3.15 - SmartSwitch Display Text for Shade Control Function

Shade Input	Top Display Mode	Bottom Display Mode Info
Shade Up	" SHADES "	" OPEN "
Shade Down	" SHADES "	" CLOSE "

3.11.3. BASIC INPUT/OUTPUTS

Table 3.16 depicts the basic Shade Control inputs and outputs. The relationship between inputs and outputs is discussed in Section 3.11.4 - Operation.

Table 3.16 - Generic Input/Outputs for Shade Control Function

Logical Input Name	Logical Output Name	Default Initial Values
Shade Select		
Shade Up	Shade Up Relay	Open
Shade Down	Shade Down Relay	Open

3.11.4. OPERATION

Shade Select

1. Pressing a Shade Select key shall set the Control/Display mode to Shade.

Shade Up (Down)

1. Pressing the Shade Up (Down) key shall close the Shade Up (Down) Relay and raise (lower) the shade.
2. After the Shade Up (Down) Relay closes, it shall remain closed during a 6 second timeout and then open.
3. Pressing the Shade Down (Up) key during the 6 second timeout shall open the Shade Up (Down) Relay and cease shade movement.
4. If both the Shade Up and Shade Down key are pressed simultaneously, the shade neither moves up nor down.

3.12. Power Switching Control

3.12.1. DESCRIPTION

The Power Switching Control function allows the Left Hot Liquid, Right Hot Liquid, and Galley Oven to be turned on or off.

3.12.2. BASIC INPUT/OUTPUTS

Table 3.17 depicts the basic Power Switching Control inputs and outputs. The relationship between inputs and outputs is discussed in Section 3.12.3 - Operation.

Table 3.17 - Generic Input/Outputs for Power Switching Control Function

Logical Input Name		Logical Output Name	Default Initial Values
Left Hot Liquid On/Off		Left Hot Liquid On/Off Status	Off
		Left Hot Liquid Relay	Open
Right Hot Liquid On/Off		Right Hot Liquid On/Off Status	Off
		Right Hot Liquid Relay	Open
Galley Oven On/Off		Galley Oven On/Off Status	Off
		Galley Oven Relay	Open

3.12.3. OPERATION

All Power Switching Control inputs shown in Table 3.17 function similarly:

1. Pressing an On/Off key shall toggle all Relays associated with the key open or closed. On/Off Statuses associated with the key are on when the relays are closed and off when the relays are open.

4. Application Overview

The following figures provide the input and output pins for control functions as well as the default initial values. *Note: These figures identify which input keys are used to control which output elements, but say nothing about how the inputs relate to the outputs. For functional descriptions of the controlled elements, see Section 3.*

** Default Initial Value for Video Out is Channel 8 if Airshow enabled.

A INDIVIDUAL AUDIO/VIDEO (SEATS 1-15) <i>Audio/Video, Seat Monitor, Seat Headphones, SmartSwitch Display</i>					
Input Pin #	Input Description		Output Pin #	Output Description	Default Initial Values
LI00	Volume Up		-----	Audio Out [Mute]	Mute On
LI01	Volume Down			[Channel]	Channel 1
LI02	Audio Source Select			[Volume]	-30 dB
LI03	Video Source Select		-----	Video Out [Channel]	Channel 1**
			-----	SmartSwitch Display	blank

B CABIN AUDIO/VIDEO <i>Audio/Video, FWD Monitor, Cabin Speakers, Airshow, SmartSwitch Display</i>					
Input Pin #	Input Description		Output Pin #	Output Description	Default Initial Values
LI02 - Master (J2)	Audio Source Select		SO15 - Slave 1 (J1)	Cabin Speakers On/Off Status	Off
LI10 - Master (J2)	Cabin Speakers On/Off		CKT1 - Slave 2 (J2)	Cabin Speakers Relay	Open
LI15 - Slave 1 (J1)			Slave 2 (J24)	Audio Out [Mute]	Mute On
LI00 - Master (J2)	Volume Up			[Channel]	Channel 1
LI01 - Master (J2)	Volume Down			[Volume]	-30 dB
LI00 - Slave 2 (J1)	Cabin Speakers Enable		Master (J2)	SmartSwitch Display	"WELCOME "
HI24 - Slave 2 (J1)	+12 VDC Cabin Speakers Enable				"ABOARD "
HI25 - Slave 2 (J1)	+28 VDC Cabin Speakers Enable				
LI11 - Master (J2)	Airshow Mode Select		SO39 - Slave 2 (J2)	Airshow Mode Status	Off
LI05 - Slave 2 (J1)	Airshow Enable				
LI03 - Master (J2)	Video Source Select		Slave 2 (J24)	Video Out [Channel]	Channel 1**
LI12 - Master (J2)	FWD Monitor On/Off		CKT11 - Master (J3)	FWD Monitor Relay	Open

C PRIORITIZED AUDIO/VIDEO					
Input Pin #	Input Description		Output Pin #	Output Description	Default Initial Values
LI02 - Slave 2 (J1)	Video Briefer		-----	All Video Output Channels	-----
LI07 - Slave 2 (J1)	Video Presentation		-----	SmartSwitch Display	blank
LI03 - Slave 2 (J1)	PA		-----	All Audio Output Channels	-----
LI04 - Slave 2 (J1)	Chime		-----	SmartSwitch Display	blank
HI26 - Slave 2 (J1)					
LI01 - Slave 2 (J1)	Audio Briefer				
LI06 - Slave 2 (J1)	Audio Announcement				

D POWER SWITCHING <i>Left Hot Liquid, Right Hot Liquid, Galley Oven</i>					
Input Pin #	Input Description		Output Pin #	Output Description	Default Initial Values
LI03 - Slave 1 (J1)	Left Hot Liquid On/Off		SO03 - Slave 1 (J1)	Left Hot Liquid On/Off Status	Off
			CKT3 - Slave 1 (J3)	Left Hot Liquid Relay	Open
LI04 - Slave 1 (J1)	Right Hot Liquid On/Off		SO04 - Slave 1 (J1)	Right Hot Liquid On/Off Status	Off
			CKT4 - Slave 1 (J3)	Right Hot Liquid Relay	Open
LI10 - Slave 1 (J1)	Galley Oven On/Off		SO10 - Slave 1 (J1)	Galley Oven On/Off Status	Off
			CKT5 - Slave 1 (J3)	Galley Oven Relay	Open

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F ADDITIONAL LIGHTING <i>Divider, Aisle, Read, Accent, Cabin Entry, Work, and FWD Overhead Lighting</i>					
Input Pin #	Input Description		Output Pin #	Output Description	Default Initial Values
LI04 - Master (J2)	Divider Light On/Off		SO06 - Slave 1 (J1)	Divider Light On/Off Status	Off
LI06 - Slave 1 (J1)			CKT8 - Master (J3)	Divider Light Relay	Open
LI06 - Master (J2)	Aisle Light On/Off		SO07 - Slave 1 (J1)	Aisle Light On/Off Status	Off
LI07 - Slave 1 (J1)			CKT9 - Master (J3)	Aisle Light Relay	Open
LI03 - Master (J1)	Read Light On/Off		SO03 - Master (J1)	Read Light On/Off Status	Off
			CKT12 - Master (J3)	Read Light Relay	Open
LI04 - Master (J1)	Accent Light On/Off		SO04 - Master (J1)	Accent Light On/Off Status	Off
			CKT13 - Master (J3)	Accent Light Relay	Open
LI19 - Master (J1)	Cabin Entry Light On/Off		SO05 - Slave 1 (J1)	Cabin Entry Light On/Off Status	Off
LI05 - Slave 1 (J1)			CKT14 - Master (J3)	Cabin Entry Light Relay	Open
LI08 - Slave 1 (J1)	Work Light On/Off		SO08 - Slave 1 (J1)	Work Light On/Off Status	Off
			CKT2 - Slave 1 (J3)	Work Light Relay	Open
LI16 - Slave 1 (J1)	FWD Overhead Light On/Off		SO16 - Slave 1 (J1)	FWD Overhead Light On/Off Status	Off
			CKT6 - Slave 1 (J3)	FWD Overhead Light Relay	Open

G WATER HEATER					
Input Pin #	Input Description		Output Pin #	Output Description	Default Initial Values
LI09 - Slave 1 (J1)	Water Heater On/Off		SO09 - Slave 1 (J1)	Water Heater On/Off Status	Off
LI05 - Master 1 (J1)	Water Heater Temperature Select		SO05 - Master (J1)	Water Heater Low Temperature Status	Off
			CKT5 - Master (J3)	Water Heater Low Temperature Relay	Open
			SO06 - Master (J1)	Water Heater Medium Temperature Status	Off
			CKT6 - Master (J3)	Water Heater Medium Temperature Relay	Open
			SO07 - Master (J1)	Water Heater High Temperature Status	Off
			CKT7 - Master (J3)	Water Heater High Temperature Relay	Open

H SHADE					
Input Pin #	Input Description		Output Pin #	Output Description	Default Initial Values
LI09 - Master (J2)	Shade Select		CKT2 - Master	Shade Up Relay	Open
LI02 - Slave 1 (J1)	Shade Up		CKT1 - Master	Shade Down Relay	Open
LI00 - Master (J2)			Master (J2)	SmartSwitch Display	blank
LI01 - Slave 1 (J1)	Shade Down				
LI01 - Master (J2)					

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I	CABIN TEMPERATURE					
Input Pin #		Input Description		Output Pin #	Output Description	Default Initial Values
LI08 - Master (J2)		Cabin Temperature Select		Master (J2)	SmartSwitch Display	blank
LI00 - Master (J2)		Cabin Temperature Up		-----	Cabin Temperature Level 1 (Full Cool)	0 Ω
LI01 - Master (J2)		Cabin Temperature Down		-----	Cabin Temperature Level 2	15.4 Ω
				-----	Cabin Temperature Level 3	30.9 Ω
				-----	Cabin Temperature Level 4	46.3 Ω
				-----	Cabin Temperature Level 5	61.9 Ω
				-----	Cabin Temperature Level 6	77.3 Ω
				-----	Cabin Temperature Level 7	92.8 Ω
				-----	Cabin Temperature Level 8	108.2 Ω
				-----	Cabin Temperature Level 9	124.0 Ω
				-----	Cabin Temperature Level 10	139.4 Ω
				-----	Cabin Temperature Level 11	154.9 Ω
				-----	Cabin Temperature Level 12	170.3 Ω
				-----	Cabin Temperature Level 13	185.9 Ω
				-----	Cabin Temperature Level 14	201.3 Ω
				-----	Cabin Temperature Level 15	216.8 Ω
				-----	Cabin Temperature Level 16	232.2 Ω
				-----	Cabin Temperature Level 17	249.0 Ω
				-----	Cabin Temperature Level 18	264.4 Ω
				-----	Cabin Temperature Level 19	279.9 Ω
				-----	Cabin Temperature Level 20	295.3 Ω
				-----	Cabin Temperature Level 21	310.9 Ω
				-----	Cabin Temperature Level 22	326.3 Ω
				-----	Cabin Temperature Level 23	341.8 Ω
				-----	Cabin Temperature Level 24	357.2 Ω
				-----	Cabin Temperature Level 25	373.0 Ω
				-----	Cabin Temperature Level 26	388.4 Ω
				-----	Cabin Temperature Level 27	403.9 Ω
				-----	Cabin Temperature Level 28	419.3 Ω
				-----	Cabin Temperature Level 29	434.9 Ω
				-----	Cabin Temperature Level 30	450.3 Ω
				-----	Cabin Temperature Level 31	465.8 Ω
				-----	Cabin Temperature Level 32	481.2 Ω
				-----	Cabin Temperature Level 33	499.0 Ω
				-----	Cabin Temperature Level 34	514.4 Ω
				-----	Cabin Temperature Level 35	529.9 Ω
				-----	Cabin Temperature Level 36	545.3 Ω
				-----	Cabin Temperature Level 37	560.9 Ω
				-----	Cabin Temperature Level 38	576.3 Ω
				-----	Cabin Temperature Level 39	591.8 Ω
				-----	Cabin Temperature Level 40	607.2 Ω
				-----	Cabin Temperature Level 41	623.0 Ω
				-----	Cabin Temperature Level 42	638.4 Ω
				-----	Cabin Temperature Level 43	653.9 Ω
				-----	Cabin Temperature Level 44	669.3 Ω
				-----	Cabin Temperature Level 45	684.9 Ω
				-----	Cabin Temperature Level 46	700.3 Ω
				-----	Cabin Temperature Level 47	715.8 Ω
				-----	Cabin Temperature Level 48	731.2 Ω
				-----	Cabin Temperature Level 49	748.0 Ω
				-----	Cabin Temperature Level 50	763.4 Ω
				-----	Cabin Temperature Level 51	778.9 Ω
				-----	Cabin Temperature Level 52	794.3 Ω
				-----	Cabin Temperature Level 53	809.9 Ω
				-----	Cabin Temperature Level 54	825.3 Ω
				-----	Cabin Temperature Level 55	840.8 Ω
				-----	Cabin Temperature Level 56	856.2 Ω
				-----	Cabin Temperature Level 57	872.0 Ω
				-----	Cabin Temperature Level 58	887.4 Ω
				-----	Cabin Temperature Level 59	902.9 Ω
				-----	Cabin Temperature Level 60	918.3 Ω
				-----	Cabin Temperature Level 61	933.9 Ω
				-----	Cabin Temperature Level 62	949.3 Ω
				-----	Cabin Temperature Level 63	964.8 Ω
				-----	Cabin Temperature Level 64 (Full Warm)	980.2 Ω

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5. System Configuration (Pin Out)

5.1. Part Number 1051-1-X / 1051-512-X (Master) Cabin Management Module (Vanity Controller)

Software:	1051-512-X
EPROM:	1051-512-X
Station Address:	None (MicroNet Master)

Part Number 1051-1-X / 1051-512-X (Master) - continued

J1 DD-50S with Positronic Vibration Locking System			
Pin	Name	Details	Use
17	LI00		Vanity Light On/Off
50	LI01		Vanity Bright Select
33	LI02		Vanity Dim Select
16	LI03		Read Light On/Off
49	LI04		Accent Light On/Off
32	LI05		Water Heater Temperature Select
15	LI06		not used
48	LI07		not used
31	LI08		not used
14	LI09		not used
47	LI10		not used
30	LI11		not used
13	LI12		not used
46	LI13		not used
29	LI14		not used
12	LI15		not used
45	LI16		not used
28	LI17		not used
11	LI18		not used
44	LI19		Cabin Entry Light On/Off
27	LI20		not used
10	LI21		not used
43	LI22	Micronet Address A0	floating
26	LI23	Micronet Address A1	floating
9	LI24	Micronet Address A2	floating
42	LI25	Micronet Address A3	floating
25	LI26	Micronet Address B0	floating
8	LI27	Micronet Address B1	floating
41	SO00		Vanity Light On/Off Status
24	SO01		Vanity Light Bright Status
7	SO02		Vanity Light Dim Status
40	SO03		Read Light On/Off Status
23	SO04		Accent Light On/Off Status
6	SO05		Water Heater Low Temperature Status
39	SO06		Water Heater Medium Temperature Status
22	SO07		Water Heater High Temperature Status
5	SO08		not used
38	SO09		not used
21	SO10		not used
4	SO11		not used
37	SO12		not used
20	SO13		not used
3	SO14		not used
36	SO15		not used
19	SO16		not used
2	SO17		not used
35	SO18		not used
18	SO19		not used
1	Power out +12 VDC	800 mA maximum	
34	DC Return	for switch panel	

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Part Number 1051-1-X / 1051-512-X (Master) - continued

J3 DC-37P with Positronic Vibration Locking System			
Pin	Name	Details	Use
1	CKT1	Power in/out normally open	Shade Down Relay
34	CKT1	Power in/out common	DC Return
18	CKT1	Power in/out normally closed	not used
2	CKT2	Power in/out normally open	Shade Up Relay
35	CKT2	Power in/out common	DC Return
19	CKT2	Power in/out normally closed	not used
3	CKT3	Power in/out normally open	Cabin Upper Lights On/Off Relay
36	CKT3	Power in/out common	+28 VDC
20	CKT3	Power in/out normally closed	not used
4	CKT4	Power in/out normally open	Cabin Lower Lights On/Off Relay
37	CKT4	Power in/out common	+28 VDC
21	CKT4	Power in/out normally closed	not used
5	CKT5	Power in/out normally open	Water Heater Low Temperature Relay
38	CKT5	Power in/out common	+28 VDC
22	CKT5	Power in/out normally closed	not used
6	CKT6	Power in/out normally open	Water Heater Medium Temperature Relay
39	CKT6	Power in/out common	+28 VDC
23	CKT6	Power in/out normally closed	not used
7	CKT7	Power in/out normally open	Water Heater High Temperature Relay
40	CKT7	Power in/out common	+28 VDC
24	CKT7	Power in/out normally closed	not used
8	CKT8	Power in/out normally open	Divider Light On/Off Relay
41	CKT8	Power in/out common	+28 VDC
25	CKT9	Power in/out normally open	Aisle Light On / Off Relay
9	CKT9	Power in/out common	+28 VDC
42	CKT10	Power in/out normally open	Vanity Light On/Off Relay
26	CKT10	Power in/out common	+28 VDC
10	CKT11	Power in/out normally open	FWD Monitor On/Off Relay
43	CKT11	Power in/out common	+28 VDC
27	CKT12	Power in/out normally open	Read Light On/Off Relay
11	CKT12	Power in/out common	+28 VDC
44	CKT13	Power in/out normally open	Accent Light On/Off Relay
28	CKT13	Power in/out common	+28 VDC
12	CKT14	Power in/out normally open	Cabin Entry Light On/Off Relay
45	CKT14	Power in/out common	+28 VDC
29	CKT14	Power in/out normally closed	not used
13	Power Battery In		+28VDC from Battery
46	Power Battery Out		not used
30	Battery On		Door Ground
14	CW of 1K Ω Digital Pot.		Temperature Controller +
47	Wiper of 1K Ω Digital Pot.		Temperature Controller Wiper
31	CCW of 1K Ω Digital Pot.		Temperature Controller -
15	Voltage Reference Out 1		Cabin Upper Lights Intensity Level
48	Voltage Reference Out 2		Cabin Lower Lights Intensity Level
32	Voltage Reference Out 3		Vanity Light Intensity
16	Voltage Reference Out 4		not used
49	DC Return	for voltage references	
33	Power in +28 VDC		
17	DC Return	for switch panel	
50	Chassis Return	to airframe	

J2 VPC 020.001.024, 8 Position, 10 Contact, 9 + Ground			
Connect to: VIP Smart Switch			
Pin	Name	Details	Use
1	Shield		
2	Power out +12 VDC		
3	not used		
4	not used		
5	not used		
6	not used		
7	not used		
8	Data A		
9	Data B		
10	DC return	for switch panel	

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Part Number 1051-1-X / 1051-512-X (Master) - continued

J4 RJ12C Amp, Modular Jack, Side Entry, Latch, 6 Position			
Pin	Name	Details	Use
1	no connection		not used
2	no connection		not used
3	Data 1A		MicroNet daisy chain connection
4	Data 1B		MicroNet daisy chain connection
5	no connection		not used
6	no connection		not used

J5 RJ12C Amp, Modular Jack, Side Entry, Latch, 6 Position			
Pin	Name	Details	Use
1	no connection		not used
2	no connection		not used
3	Data 1A		MicroNet daisy chain connection
4	Data 1B		MicroNet daisy chain connection
5	no connection		not used
6	no connection		not used

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5.2. Part Number 1051-1-X / 1051-512-X (Slave 1)

Cabin Management Module (Galley Controller)

Software: 1051-8344-X

EPROM: 1051-512-X

Station Address: "01"

Part Number 1051-1-X / 1051-512-X (Slave 1) - continued

J1 DD-50S with Positronic Vibration Locking System			
Pin	Name	Details	Use
17	LI00		not used
50	LI01		Shade Down
33	LI02		Shade Up
16	LI03		Left Hot Liquid On/Off
49	LI04		Right Hot Liquid On/Off
32	LI05		Cabin Entry Light On/Off
15	LI06		Divider Light On/Off
48	LI07		Aisle Light On/Off
31	LI08		Work Light On/Off
14	LI09		Water Heater On/Off
47	LI10		Galley Oven On/Off
30	LI11		not used
13	LI12		Cabin Lights On/Off
46	LI13		Cabin Lights Dim Select
29	LI14		Cabin Lights Bright Select
12	LI15		Cabin Speakers On/Off
45	LI16		FWD Overhead Light On/Off
28	LI17		not used
11	LI18		not used
44	LI19		not used
27	LI20		not used
10	LI21		not used
43	LI22	Micronet Address A0	connect to DC return [J1-34]
26	LI23	Micronet Address A1	floating
9	LI24	Micronet Address A2	floating
42	LI25	Micronet Address A3	floating
25	LI26	Micronet Address B0	floating
8	LI27	Micronet Address B1	floating
41	SO00		not used
24	SO01		not used
7	SO02		not used
40	SO03		Left Hot Liquid On/Off Status
23	SO04		Right Hot Liquid On/Off Status
6	SO05		Cabin Entry Light On/Off Status
39	SO06		Divider Light On/Off Status
22	SO07		Aisle Light On/Off Status
5	SO08		Work Light On/Off Status
38	SO09		Water Heater On/Off Status
21	SO10		Galley Oven On/Off Status
4	SO11		not used
37	SO12		Cabin Lights On/Off Status
20	SO13		Cabin Lights Dim Status
3	SO14		Cabin Lights Bright Status
36	SO15		Cabin Speakers On/Off Status
19	SO16		FWD Overhead Light Status
2	SO17		not used
35	SO18		not used
18	SO19		not used
1	Power out +12 VDC	800 mA maximum	
34	DC Return	for switch panel	

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Part Number 1051-1-X / 1051-512-X (Slave 1) - continued

J3 DC-37P with Positronic Vibration Locking System			
Pin	Name	Details	Use
1	CKT1	Power in/out normally open	not used
34	CKT1	Power in/out common	not used
18	CKT1	Power in/out normally closed	not used
2	CKT2	Power in/out normally open	Work Light On/Off Relay
35	CKT2	Power in/out common	+28 VDC
19	CKT2	Power in/out normally closed	not used
3	CKT3	Power in/out normally open	Left Hot Liquid On/Off Relay
36	CKT3	Power in/out common	+28 VDC
20	CKT3	Power in/out normally closed	not used
4	CKT4	Power in/out normally open	Right Hot Liquid On/Off Relay
37	CKT4	Power in/out common	+28 VDC
21	CKT4	Power in/out normally closed	not used
5	CKT5	Power in/out normally open	Galley Oven On/Off Relay
38	CKT5	Power in/out common	+28 VDC
22	CKT5	Power in/out normally closed	not used
6	CKT6	Power in/out normally open	FWD Overhead Light On/Off Relay
39	CKT6	Power in/out common	+28 VDC
23	CKT6	Power in/out normally closed	not used
7	CKT7	Power in/out normally open	not used
40	CKT7	Power in/out common	not used
24	CKT7	Power in/out normally closed	not used
8	CKT8	Power in/out normally open	not used
41	CKT8	Power in/out common	not used
25	CKT9	Power in/out normally open	not used
9	CKT9	Power in/out common	not used
42	CKT10	Power in/out normally open	not used
26	CKT10	Power in/out common	not used
10	CKT11	Power in/out normally open	not used
43	CKT11	Power in/out common	not used
27	CKT12	Power in/out normally open	not used
11	CKT12	Power in/out common	not used
44	CKT13	Power in/out normally open	not used
28	CKT13	Power in/out common	not used
12	CKT14	Power in/out normally open	not used
45	CKT14	Power in/out common	not used
29	CKT14	Power in/out normally closed	not used
13	Power Battery In		not used
46	Power Battery Out		not used
30	Battery On		not used
14	CW of 1K Ω Digital Pot.		not used
47	Wiper of 1K Ω Digital Pot.		not used
31	CCW of 1K Ω Digital Pot.		not used
15	Voltage Reference Out 1		not used
48	Voltage Reference Out 2		not used
32	Voltage Reference Out 3		not used
16	Voltage Reference Out 4		not used
49	DC Return	for voltage references	not used
33	Power in +28 VDC		+28 VDC Power In
17	DC Return	for switch panel	
50	Chassis Return	to airframe	

J2 VPC 020.001.024, 8 Position, 10 Contact, 9 + Ground			
Connect to: not connected			
Pin	Name	Details	Use
1	Shield		
2	Power out +12 VDC		
3	not used		
4	not used		
5	not used		
6	not used		
7	not used		
8	Data A		
9	Data B		
10	DC return	for switch panel	

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Part Number 1051-1-X / 1051-512-X (Slave 1) - continued

J4 RJ12C Amp, Modular Jack, Side Entry, Latch, 6 Position			
Pin	Name	Details	Use
1	no connection		not used
2	no connection		not used
3	Data 1A		MicroNet daisy chain connection
4	Data 1B		MicroNet daisy chain connection
5	no connection		not used
6	no connection		not used

J5 RJ12C Amp, Modular Jack, Side Entry, Latch, 6 Position			
Pin	Name	Details	Use
1	no connection		not used
2	no connection		not used
3	Data 1A		MicroNet daisy chain connection
4	Data 1B		MicroNet daisy chain connection
5	no connection		not used
6	no connection		not used

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5.3. Part Number: 1024-1-X / 1024-512-X (Slave 2)

Audio Video Module

Software:	1024-8344-X
EPROM:	1024-512-X
Station Address:	“02”

Part Number 1024-1-X / 1024-512-X (Slave 2) - continued

J1 DD-50S Positronic with Vibration Locking System:				
Pin	Name	Details	State	Use
50	HLI00		low	Cabin Speakers Enable
17	HLI01		low	Audio Briefer
49	HLI02		low	Video Briefer
32	HLI03		low	PA
33	HLI04		low	Chime
16	HLI05		low	Airshow Enable
48	HLI06		low	Audio Announcement
15	HLI07		low	Video Presentation
47	HLI08		low	not used
30	HLI09		low	not used
31	HLI10		low	not used
14	HLI11		low	not used
46	HLI12		low	not used
13	HLI13		low	not used
45	HLI14		low	not used
28	HLI15		low	not used
29	HLI16		low	not used
12	HLI17		low	not used
44	HLI18		low	not used
11	HLI19		low	not used
43	HLI20		low	not used
26	HLI21		low	not used
27	HLI22		low	not used
10	HLI23		low	not used
42	HLI24		high	+12VDC Cabin Speakers Enable
9	HLI25		high	+28VDC Cabin Speakers Enable
41	HLI26		high	Chime
24	HLI27		high	not used
25	HLI28		high	not used
8	HLI29		high	not used
40	HLI30		high	not used
7	HLI31		high	not used
39	HLI32		low	not used
22	HLI33	Cessna Default Enable	low	connect to DC Return [J1-1]
23	HLI34	Micronet Address A0	low	not used
6	HLI35	Micronet Address A1	low	connect to DC Return [J1-1]
38	HLI36	Micronet Address A2	low	not used
5	HLI37	Micronet Address A3	low	not used
37	HLI38	Micronet Address B0	low	not used
20	HLI39	Micronet Address B1	low	not used
21	Polarizing plug			
3	Power in +28 VDC			
18	Power in +28 VDC			
35	Power in +28 VDC			
4	DC Return	for input power		
19	DC Return	for input power		
36	DC Return	for input power		
2	Chassis Return	to airframe		
34	Power out +10 VDC	500 mA maximum		
1	DC Return	for switch panel		

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Part Number 1024-1-X / 1024-512-X (Slave 2) - continued

J2 DD-50S with Positronic Vibration Locking System			
Pin	Name	Details	Use
50	SO00		not used
17	SO01		not used
49	SO02		not used
32	SO03		not used
33	SO04		not used
16	SO05		not used
48	SO06		not used
15	SO07		not used
47	SO08		not used
30	SO09		not used
31	SO10		not used
14	SO11		not used
46	SO12		not used
13	SO13		not used
45	SO14		not used
28	SO15		not used
29	SO16		not used
12	SO17		not used
44	SO18		not used
11	SO19		not used
43	SO20		not used
26	SO21		not used
27	SO22		not used
10	SO23		not used
42	SO24		not used
9	SO25		not used
41	SO26		not used
24	SO27		not used
25	SO28		not used
8	SO29		not used
40	SO30		not used
7	SO31		not used
39	SO32		not used
22	SO33		not used
23	SO34		not used
6	SO35		not used
38	SO36		not used
5	SO37		not used
37	SO38		not used
20	SO39		Airshow Mode Status
21	CKT1	Power in/out common	+28 VDC
4	CKT1	Power in/out normally open	Cabin Speakers Relay
3	CKT2	Power in/out common	not used
36	CKT2	Power in/out normally open	not used
19	Power in +12 VDC	from inverter	
2	Power out +12 VDC	to memory bus	
34	Power in +28 VDC	from battery bus	
1	DC Return	for inverter, battery, and memory bus	
18	Power out +10 VDC	500 mA maximum	
35	DC Return	for +10 VDC return	

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Part Number 1024-1-X / 1024-512-X (Slave 2) - continued

J3 DD-50P with Positronic Vibration Locking System			
Pin	Name	Details	Use
17	Audio in channel 1 left +		Cockpit to Cabin left audio input
50	Audio in channel 1 left -		Cockpit to Cabin left audio return
33	channel 1 left shield		Cockpit to Cabin left audio shield
16	Audio in channel 1 right +		Cockpit to Cabin right audio input
49	Audio in channel 1 right -		Cockpit to Cabin right audio return
32	channel 1 right shield		Cockpit to Cabin right audio shield
15	Audio in channel 2 left +		Audio Source 2 left audio input
48	Audio in channel 2 left -		Audio Source 2 left audio return
31	channel 2 left shield		Audio Source 2 left audio shield
14	Audio in channel 2 right +		Audio Source 2 right audio input
47	Audio in channel 2 right -		Audio Source 2 right audio return
30	channel 2 right shield		Audio Source 2 right audio shield
13	Audio in channel 3 left +		Audio Source 3 left audio input
46	Audio in channel 3 left -		Audio Source 3 left audio return
29	channel 3 left shield		Audio Source 3 left audio shield
12	Audio in channel 3 right +		Audio Source 3 right audio input
45	Audio in channel 3 right -		Audio Source 3 right audio return
28	channel 3 right shield		Audio Source 3 right audio shield
11	Audio in channel 4 left +		Audio Source 4 left audio input
44	Audio in channel 4 left -		Audio Source 4 left audio return
27	channel 4 left shield		Audio Source 4 left audio shield
10	Audio in channel 4 right +		Audio Source 4 right audio input
43	Audio in channel 4 right -		Audio Source 4 right audio return
26	channel 4 right shield		Audio Source 4 right audio shield
9	Audio in channel 5 left +		Audio Source 5 left audio input
42	Audio in channel 5 left -		Audio Source 5 left audio return
25	channel 5 left shield		Audio Source 5 left audio shield
8	Audio in channel 5 right +		Audio Source 5 right audio input
41	Audio in channel 5 right -		Audio Source 5 right audio return
24	channel 5 right shield		Audio Source 5 right audio shield
7	Audio in channel 6 left +		Audio Announcement left audio input
40	Audio in channel 6 left -		Audio Announcement left audio return
23	channel 6 left shield		Audio Announcement left audio shield
6	Audio in channel 6 right +		Audio Announcement right audio input
39	Audio in channel 6 right -		Audio Announcement right audio return
22	channel 6 right shield		Audio Announcement right audio shield
5	Audio in channel 7 left +		Audio Brief left audio input
38	Audio in channel 7 left -		Audio Brief left audio return
21	channel 7 left shield		Audio Brief left audio shield
4	Audio in channel 7 right +		Audio Brief right audio input
37	Audio in channel 7 right -		Audio Brief right audio return
20	channel 7 right shield		Audio Brief right audio shield
3	Audio in channel 8 left +		PA left audio input
36	Audio in channel 8 left -		PA left audio return
19	channel 8 left shield		PA left audio shield
2	Audio in channel 8 right +		PA right audio input
35	Audio in channel 8 right -		PA right audio return
18	channel 8 right shield		PA right audio shield
1			DO NOT CONNECT
34			DO NOT CONNECT

J4 RJ12C Amp, Modular Jack, Side Entry, Latch, 6 Position			
Pin	Name	Details	Use
1	no connection		
2	no connection		
3	Data A		MicroNet daisy chain connection
4	Data B		MicroNet daisy chain connection
5	no connection		
6	no connection		

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Part Number 1024-1-X / 1024-512-X (Slave 2) - continued

J5 RJ12C Amp, Modular Jack, Side Entry, Latch, 6 Position

Pin	Name	Details	Use
1	no connection		
2	no connection		
3	Data A		MicroNet daisy chain connection
4	Data B		MicroNet daisy chain connection
5	no connection		
6	no connection		

J7 DC-8W8P Positronic with Vibration Locking System

Pin	Name	Details	Use
A1	Video in 1		VCR
A2	Video in 2		Video Source 2
A3	Video in 3		Video Source 3
A4	Video in 4		Video Source 4
A5	Video in 5		Video Source 5
A6	Video in 6		Video Presentation
A7	Video in 7		Video Brief
A8	Video in 8		Airshow

J9 VCP 020.001.024, 8 position, 10 Contact, 9 + Shield

Connect to: Audio/Video Seat 1

Pin	Name	Details	Use
1	Shield		
2	Power out +10 VDC	600 mA maximum	
3	Video out 1 return		Audio/Video Seat 1 Video Out Return
4	Video out 1		Audio/Video Seat 1 Video Out Return
5	Channel 1 Audio out RIGHT		Audio/Video Seat 1 Right Channel Audio Out
6	Channel 1 Audio return		Audio/Video Seat 1 Audio Return
7	Channel 1 Audio out LEFT		Audio/Video Seat 1 Left Channel Audio Out
8	SmartSwitch Data 1A		
9	SmartSwitch Data 1B		
10	DC return	for switch panel	

J10 VCP 020.001.024, 8 position, 10 Contact, 9 + Shield

Connect to: Audio/Video Seat 2

Pin	Name	Details	Use
1	Shield		
2	Power out +10 VDC	600 mA maximum	
3	Video out 2 return		Audio/Video Seat 2 Video Out Return
4	Video out 2		Audio/Video Seat 2 Video Out Return
5	Channel 2 Audio out RIGHT		Audio/Video Seat 2 Right Channel Audio Out
6	Channel 2 Audio return		Audio/Video Seat 2 Audio Return
7	Channel 2 Audio out LEFT		Audio/Video Seat 2 Left Channel Audio Out
8	SmartSwitch Data 2A		
9	SmartSwitch Data 2B		
10	DC return	for switch panel	

J11 VCP 020.001.024, 8 position, 10 Contact, 9 + Shield

Connect to: Audio/Video Seat 3

Pin	Name	Details	Use
1	Shield		
2	Power out +10 VDC	600 mA maximum	
3	Video out 3 return		Audio/Video Seat 3 Video Out Return
4	Video out 3		Audio/Video Seat 3 Video Out Return
5	Channel 3 Audio out RIGHT		Audio/Video Seat 3 Right Channel Audio Out
6	Channel 3 Audio return		Audio/Video Seat 3 Audio Return
7	Channel 3 Audio out LEFT		Audio/Video Seat 3 Left Channel Audio Out
8	SmartSwitch Data 3A		
9	SmartSwitch Data 3B		

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10	DC return	for switch panel	
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Part Number 1024-1-X / 1024-512-X (Slave 2) - continued

J12 VCP 020.001.024, 8 position, 10 Contact, 9 + Shield			
Connect to: Audio/Video Seat 4			
Pin	Name	Details	Use
1	Shield		
2	Power out +10 VDC	600 mA maximum	
3	Video out 4 return		Audio/Video Seat 4 Video Out Return
4	Video out 4		Audio/Video Seat 4 Video Out Return
5	Channel 4 Audio out RIGHT		Audio/Video Seat 4 Right Channel Audio Out
6	Channel 4 Audio return		Audio/Video Seat 4 Audio Return
7	Channel 4 Audio out LEFT		Audio/Video Seat 4 Left Channel Audio Out
8	SmartSwitch Data 4A		
9	SmartSwitch Data 4B		
10	DC return	for switch panel	

J13 VCP 020.001.024, 8 position, 10 Contact, 9 + Shield			
Connect to: Audio/Video Seat 5			
Pin	Name	Details	Use
1	Shield		
2	Power out +10 VDC	600 mA maximum	
3	Video out 5 return		Audio/Video Seat 5 Video Out Return
4	Video out 5		Audio/Video Seat 5 Video Out Return
5	Channel 5 Audio out RIGHT		Audio/Video Seat 5 Right Channel Audio Out
6	Channel 5 Audio return		Audio/Video Seat 5 Audio Return
7	Channel 5 Audio out LEFT		Audio/Video Seat 5 Left Channel Audio Out
8	SmartSwitch Data 5A		
9	SmartSwitch Data 5B		
10	DC return	for switch panel	

J14 VCP 020.001.024, 8 position, 10 Contact, 9 + Shield			
Connect to: Audio/Video Seat 6			
Pin	Name	Details	Use
1	Shield		
2	Power out +10 VDC	600 mA maximum	
3	Video out 6 return		Audio/Video Seat 6 Video Out Return
4	Video out 6		Audio/Video Seat 6 Video Out Return
5	Channel 6 Audio out RIGHT		Audio/Video Seat 6 Right Channel Audio Out
6	Channel 6 Audio return		Audio/Video Seat 6 Audio Return
7	Channel 6 Audio out LEFT		Audio/Video Seat 6 Left Channel Audio Out
8	SmartSwitch Data 6A		
9	SmartSwitch Data 6B		
10	DC return	for switch panel	

J15 VCP 020.001.024, 8 position, 10 Contact, 9 + Shield			
Connect to: Audio/Video Seat 7			
Pin	Name	Details	Use
1	Shield		
2	Power out +10 VDC	600 mA maximum	
3	Video out 7 return		Audio/Video Seat 7 Video Out Return
4	Video out 7		Audio/Video Seat 7 Video Out Return
5	Channel 7 Audio out RIGHT		Audio/Video Seat 7 Right Channel Audio Out
6	Channel 7 Audio return		Audio/Video Seat 7 Audio Return
7	Channel 7 Audio out LEFT		Audio/Video Seat 7 Left Channel Audio Out
8	SmartSwitch Data 7A		
9	SmartSwitch Data 7B		
10	DC return	for switch panel	

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Part Number 1024-1-X / 1024-512-X (Slave 2) - continued

J16 VCP 020.001.024, 8 position, 10 Contact, 9 + Shield

Connect to: Audio/Video Seat 8

Pin	Name	Details	Use
1	Shield		
2	Power out +10 VDC	600 mA maximum	
3	Video out 8 return		Audio/Video Seat 8 Video Out Return
4	Video out 8		Audio/Video Seat 8 Video Out Return
5	Channel 8 Audio out RIGHT		Audio/Video Seat 8 Right Channel Audio Out
6	Channel 8 Audio return		Audio/Video Seat 8 Audio Return
7	Channel 8 Audio out LEFT		Audio/Video Seat 8 Left Channel Audio Out
8	SmartSwitch Data 8A		
9	SmartSwitch Data 8B		
10	DC return	for switch panel	

J17 VCP 020.001.024, 8 position, 10 Contact, 9 + Shield

Connect to: Audio/Video Seat 9

Pin	Name	Details	Use
1	Shield		
2	Power out +10 VDC	600 mA maximum	
3	Video out 9 return		Audio/Video Seat 9 Video Out Return
4	Video out 9		Audio/Video Seat 9 Video Out Return
5	Channel 9 Audio out RIGHT		Audio/Video Seat 9 Right Channel Audio Out
6	Channel 9 Audio return		Audio/Video Seat 9 Audio Return
7	Channel 9 Audio out LEFT		Audio/Video Seat 9 Left Channel Audio Out
8	SmartSwitch Data 9A		
9	SmartSwitch Data 9B		
10	DC return	for switch panel	

J18 VCP 020.001.024, 8 position, 10 Contact, 9 + Shield

Connect to: Audio/Video Seat 10

Pin	Name	Details	Use
1	Shield		
2	Power out +10 VDC	600 mA maximum	
3	Video out 10 return		Audio/Video Seat 10 Video Out Return
4	Video out 10		Audio/Video Seat 10 Video Out Return
5	Channel 10 Audio out RIGHT		Audio/Video Seat 10 Right Channel Audio Out
6	Channel 10 Audio return		Audio/Video Seat 10 Audio Return
7	Channel 10 Audio out LEFT		Audio/Video Seat 10 Left Channel Audio Out
8	SmartSwitch Data 10A		
9	SmartSwitch Data 10B		
10	DC return	for switch panel	

J19 VCP 020.001.024, 8 position, 10 Contact, 9 + Shield

Connect to: Audio/Video Seat 11

Pin	Name	Details	Use
1	Shield		
2	Power out +10 VDC	600 mA maximum	
3	Video out 11 return		Audio/Video Seat 11 Video Out Return
4	Video out 11		Audio/Video Seat 11 Video Out Return
5	Channel 11 Audio out RIGHT		Audio/Video Seat 11 Right Channel Audio Out
6	Channel 11 Audio return		Audio/Video Seat 11 Audio Return
7	Channel 11 Audio out LEFT		Audio/Video Seat 11 Left Channel Audio Out
8	SmartSwitch Data 11A		
9	SmartSwitch Data 11B		
10	DC return	for switch panel	

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Part Number 1024-1-X / 1024-512-X (Slave 2) - continued

J20 VCP 020.001.024, 8 position, 10 Contact, 9 + Shield

Connect to: Audio/Video Seat 12

Pin	Name	Details	Use
1	Shield		
2	Power out +10 VDC	600 mA maximum	
3	Video out 12 return		Audio/Video Seat 12 Video Out Return
4	Video out 12		Audio/Video Seat 12 Video Out Return
5	Channel 12 Audio out RIGHT		Audio/Video Seat 12 Right Channel Audio Out
6	Channel 12 Audio return		Audio/Video Seat 12 Audio Return
7	Channel 12 Audio out LEFT		Audio/Video Seat 12 Left Channel Audio Out
8	SmartSwitch Data 12A		
9	SmartSwitch Data 12B		
10	DC return	for switch panel	

J21 VCP 020.001.024, 8 position, 10 Contact, 9 + Shield

Connect to: Audio/Video Seat 13

Pin	Name	Details	Use
1	Shield		
2	Power out +10 VDC	600 mA maximum	
3	Video out 13 return		Audio/Video Seat 13 Video Out Return
4	Video out 13		Audio/Video Seat 13 Video Out Return
5	Channel 13 Audio out RIGHT		Audio/Video Seat 13 Right Channel Audio Out
6	Channel 13 Audio return		Audio/Video Seat 13 Audio Return
7	Channel 13 Audio out LEFT		Audio/Video Seat 13 Left Channel Audio Out
8	SmartSwitch Data 13A		
9	SmartSwitch Data 13B		
10	DC return	for switch panel	

J22 VCP 020.001.024, 8 position, 10 Contact, 9 + Shield

Connect to: Audio/Video Seat 14

Pin	Name	Details	Use
1	Shield		
2	Power out +10 VDC	600 mA maximum	
3	Video out 14 return		Audio/Video Seat 14 Video Out Return
4	Video out 14		Audio/Video Seat 14 Video Out Return
5	Channel 14 Audio out RIGHT		Audio/Video Seat 14 Right Channel Audio Out
6	Channel 14 Audio return		Audio/Video Seat 14 Audio Return
7	Channel 14 Audio out LEFT		Audio/Video Seat 14 Left Channel Audio Out
8	SmartSwitch Data 14A		
9	SmartSwitch Data 14B		
10	DC return	for switch panel	

J23 VCP 020.001.024, 8 position, 10 Contact, 9 + Shield

Connect to: Audio/Video Seat 15

Pin	Name	Details	Use
1	Shield		
2	Power out +10 VDC	600 mA maximum	
3	Video out 15 return		Audio/Video Seat 15 Video Out Return
4	Video out 15		Audio/Video Seat 15 Video Out Return
5	Channel 15 Audio out RIGHT		Audio/Video Seat 15 Right Channel Audio Out
6	Channel 15 Audio return		Audio/Video Seat 15 Audio Return
7	Channel 15 Audio out LEFT		Audio/Video Seat 15 Left Channel Audio Out
8	SmartSwitch Data 15A		
9	SmartSwitch Data 15B		
10	DC return	for switch panel	

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CESSNA AUDIO/VIDEO MICRONET MASTER

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Revision: A

Error! Unknown document property name. (1051521a) Acceptance Test Procedure

Revision: Error! Unknown document property name.

Subject of document

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Part Number 1024-1-X / 1024-512-X (Slave 2) - continued

J24 VCP 020.001.024, 8 position, 10 Contact, 9 + Shield			
Connect to: Cabin Speakers, FWD Monitor			
Pin	Name	Details	Use
1	Shield		
2	Power out +10 VDC	600 mA maximum	
3	Video out 16 return		Cabin Video Return
4	Video out 16		Cabin Video Out
5	Channel 16 Audio out RIGHT		Cabin Speakers Audio Out
6	Channel 16 Audio return		Cabin Speakers Audio Return
7	Channel 16 Audio out LEFT		Cabin Speakers Left Channel Audio Out
8	SmartSwitch Data 16A		
9	SmartSwitch Data 16B		
10	DC return	for switch panel	

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Integrated Cabin Management and Generic Software Specification and Configuration

CESSNA AUDIO/VIDEO MICRONET MASTER

1051-52-1 (1051521A)

Revision: A

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Error! Unknown document property name. (1051521a) Acceptance Test Procedure

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Revision: **Error! Unknown document property name.** Subject of document

Integrated Cabin Management Software

Specification and Configuration

SLAVE WITH BATTERY BUS OPERATION LOCAL CONTROL

Pacific Systems'Part Number: 1051-8344-21

Document Number: 1051-50-21

Revision: NEW

Pacific Systems Release:

Drawn: Cynthia McGrath

Checked: _____

Customer Acceptance:

Customer: _____

Date: _____

Revisions

<i>Revision</i>	<i>Description of Change</i>	<i>Date</i>
PRELIMINARY	Initial Release	2/1/99
NEW	Initial Release	7/14/99

Verification

ENGINEER:	DATE:	VERIFIER:	DATE:	VERIFICATION LEVEL:
				.1
				.2
				.3

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1. Introduction

This document describes the operation of the 1051-1-2 / 1051-512-21 Slave with Battery Bus Operation Local Control.

- 1.1. The 1051-512-21 slave software is a combination of the generic slave software with the functionality as described in the 1051-50-11 document and the Battery Bus Operation Local Control with functionality as described in the section 3.1 of the 1051-50-6 document.
- 1.2. The 1051-512-21 slave software was written for use on Cessna's 1051-1-2 controller with battery bus power and cabin entry lighting control. The intent of this software is for the slave to process cabin entry lighting control when the slave first powers up on battery bus before main power is applied to the system. Once main power is applied to the system, the Master will control cabin entry lighting. If main power is not applied to the slave within 10 minutes, the slave will power down to conserve battery power.
- 1.3. Refer to the 1053-50-6 document for cabin entry control by the master.
- 1.4. The 1051-512-21 can be used on other Cessna 1051-1-2 controllers that do not require Battery Bus Operation/Cabin Entry Lighting control as long as LI19 and CKT14 (Cabin entry light input and output) are not used.

2. Power Up and Initialization

The power-up operation of this system is described as follows:

- 2.1. The system's software contains test routines with start-up procedure and functionality as described in PSC SPECIFICATION DOCUMENT 1051-51-1. Whenever the system's test mode is entered, a power up reset is required to execute the application software.
- 2.2. If at least one of the Slave Address strapping inputs, LI22 through LI27, is grounded at power up, and the unit has not entered one of the test modes, the unit shall function as a Micronet Slave with an address determined by the strapping of inputs LI22 through LI27. See PSC EQUIPMENT SPECIFICATION DOCUMENT 1051-500-1 for information on the decoding of the Slave Address strapping inputs.
- 2.3. If the Slave's software powers down and then is powered back up again in the application

- 2.4. Default initial values for all status outputs is off and for all relays is open (deactivated).
- 2.5. Default initial values for the smart switch displays are blank.
- 2.6. Default initial values for potentiometer is 0 ohms relative to CCW, and all Voltage outputs are 0 voltage (it is worth noting that depending on the hardware of the 1051, the Voltage output will either be 14 volts (1051-1-1) or 0 volts (1051-1-2)). The default DAC output value (which control the voltage output) is 0.

3. Application Software Operation

After power-up, if not in test mode, the application software will be executed as follows:

3.1. Interface With Master

- 3.1.1. This slave unit, PSC part number 1051-1-2 / 1051-512-21 is a secondary unit per the IBM SDLC protocol designation, and responds to polls from the MASTER. The software communicates with the master using a message protocol defined in Pacific Systems' Document 1051-46-1, Software Interface. Commands from the master, responses from the slave, and the Information Frame Format are defined in this document.
- 3.1.2. When the 1051 is on-line (communicating with the master), all the slave functions are controllable from the master (see 1051-46-1, Software Interface document).
- 3.1.3. When the slave is off-line (not communicating with the master), the 1051 will take no action of its own accord unless the unit is in Battery Bus Operation Local Control.

3.2. Battery Bus Operation Local Control

- 3.2.1. Battery Bus Operation Local Control is for processing Cabin Entry Lighting Control when the 1051-1-2 slave is first powered up on battery bus. Once Battery Bus Operation is initiated by the conditions of 3.2.2, cabin entry lighting control will be operational for 10 minutes, then the unit will power down and the Battery Bus Operation Local Control can only be initiated by re-initiating the conditions of 3.2.2. Once the master is on-line, it will process cabin entry lighting.
- 3.2.2. The Slave shall enter Battery Bus Operation Local Control if the following conditions have been met:
 - No Main Power: +28VDC input is floating (J3 pin 33);
 - Battery Power Applied: +28VDC is applied to the *Battery In* input (J3 pin 13);
 - and Cabin Entry Door Opened: the *Battery On* input (J3 pin 30) is grounded.
- 3.2.3. Once the slave enters the Battery Bus Operation Local Control it shall perform the following:
 - Set the internal battery power enable to on.
 - Reset **and enable** the 10 minute battery enable counter.
 - Set all status outputs to off.
 - Set all relays to open, except CKT 14 (Cabin Entry Lighting).
 - Set voltage reference outputs 1, 2, and 3 to 3.1VDC.
 - Blank top and bottom SmartSwitch displays

- 3.2.5. The slave shall disable the Internal Battery Power Enable if the +28 VDC input is floating, +28 VDC is applied to the Power Battery In input, and the Ten Minute Battery Enable Counter times out. Thus, the unit shall power down.
- 3.2.6. Following the disabling of the Internal Battery Power Enable, if the +28VDC input is floating, +28VDC is applied to the Power Battery In input, and the Battery On input transitions from floating to grounded, the slave shall perform the operations in 3.2.1.

4. System configuration (Pin Out)

4.1. Part Number 1051-1-2 / 1051-50-21
Universal Module

SOFTWARE: 1051-512-21

EPROM: 1051-512-21

Station Address: Application Specific

Part Number 1051-1-2 / 1051-50-21 - continued

J1 DD-50S with Positronic Vibration Locking System			
Pin	Name	Details	Use
17	LI00		Application Specific
50	LI01		Application Specific
33	LI02		Application Specific
16	LI03		Application Specific
49	LI04		Application Specific
32	LI05		Application Specific
15	LI06		Application Specific
48	LI07		Application Specific
31	LI08		Application Specific
14	LI09		Application Specific
47	LI10		Application Specific
30	LI11		Application Specific
13	LI12		Application Specific
46	LI13		Application Specific
29	LI14		Application Specific
12	LI15		Application Specific
45	LI16		Application Specific
28	LI17		Application Specific
11	LI18		Application Specific
44	LI19		Cabin Entry Light On/Off
27	LI20		Application Specific
10	LI21		Application Specific
43	LI22	Micronet Address A0	Application Specific
26	LI23	Micronet Address A1	Application Specific
9	LI24	Micronet Address A2	Application Specific
42	LI25	Micronet Address A3	Application Specific
25	LI26	Micronet Address B0	Application Specific
8	LI27	Micronet Address B1	Application Specific
41	SO00		Application Specific
24	SO01		Application Specific
7	SO02		Application Specific
40	SO03		Application Specific
23	SO04		Application Specific
6	SO05		Application Specific
39	SO06		Application Specific
22	SO07		Application Specific
5	SO08		Application Specific
38	SO09		Application Specific
21	SO10		Application Specific
4	SO11		Application Specific
37	SO12		Application Specific
20	SO13		Application Specific
3	SO14		Application Specific
36	SO15		Application Specific
19	SO16		Application Specific
2	SO17		Application Specific
35	SO18		Application Specific
18	SO19		Application Specific
1	Power out +12 VDC	800 mA maximum	
34	DC Return	for switch panel	

Part Number 1051-1-2 / 1051-50-21 - continued

J3 DC-37P with Positronic Vibration Locking System

Pin	Name	Details	Use
1	CKT1	Power in/out normally open	Application Specific
34	CKT1	Power in/out common	Application Specific
18	CKT1	Power in/out normally closed	Application Specific
2	CKT2	Power in/out normally open	Application Specific
35	CKT2	Power in/out common	Application Specific
19	CKT2	Power in/out normally closed	Application Specific
3	CKT3	Power in/out normally open	Application Specific
36	CKT3	Power in/out common	Application Specific
20	CKT3	Power in/out normally closed	Application Specific
4	CKT4	Power in/out normally open	Application Specific
37	CKT4	Power in/out common	Application Specific
21	CKT4	Power in/out normally closed	Application Specific
5	CKT5	Power in/out normally open	Application Specific
38	CKT5	Power in/out common	Application Specific
22	CKT5	Power in/out normally closed	Application Specific
6	CKT6	Power in/out normally open	Application Specific
39	CKT6	Power in/out common	Application Specific
23	CKT6	Power in/out normally closed	Application Specific
7	CKT7	Power in/out normally open	Application Specific
40	CKT7	Power in/out common	Application Specific
24	CKT7	Power in/out normally closed	Application Specific
8	CKT8	Power in/out normally open	Application Specific
41	CKT8	Power in/out common	Application Specific
25	CKT9	Power in/out normally open	Application Specific
9	CKT9	Power in/out common	Application Specific
42	CKT10	Power in/out normally open	Application Specific
26	CKT10	Power in/out common	Application Specific
10	CKT11	Power in/out normally open	Application Specific
43	CKT11	Power in/out common	Application Specific
27	CKT12	Power in/out normally open	Application Specific
11	CKT12	Power in/out common	Application Specific
44	CKT13	Power in/out normally open	Application Specific
28	CKT13	Power in/out common	Application Specific
12	CKT14	Power in/out normally open	Cabin Entry Light On/Off Relay
45	CKT14	Power in/out common	+28 VDC
29	CKT14	Power in/out normally closed	not used
13	Power Battery In		+28VDC from Battery
46	Power Battery Out		Battery Return
30	Battery On		Cabin Entry Door Ground
14	CW of 1K Ω Digital Pot.		Application Specific
47	Wiper of 1K Ω Digital Pot.		Application Specific
31	CCW of 1K Ω Digital Pot.		Application Specific
15	Voltage Reference Out 1		Application Specific
48	Voltage Reference Out 2		Application Specific
32	Voltage Reference Out 3		Application Specific
16	Voltage Reference Out 4		Application Specific
49	DC Return	for voltage references	Application Specific
33	Power in +28 VDC		+28 VDC
17	DC Return		+28 VDC Return
50	Chassis Return	to airframe	to airframe

J2 VPC 020.001.024, 8 Position, 10 Contact, 9 + Ground

Connect to: application specific

Pin	Name	Details	Use
1	Shield		application specific
2	Power in +28 VDC		Application Specific

Part Number 1051-1-2 / 1051-50-21 - continued

J4 RJ12C Amp, Modular Jack, Side Entry, Latch, 6 Position

Pin	Name	Details	Use
1	no connection		not used
2	no connection		not used
3	Data 1A		MicroNet daisy chain connection
4	Data 1B		MicroNet daisy chain connection
5	no connection		not used
6	no connection		not used

J5 RJ12C Amp, Modular Jack, Side Entry, Latch, 6 Position

Pin	Name	Details	Use
1	no connection		not used
2	no connection		not used
3	Data 1A		MicroNet daisy chain connection
4	Data 1B		MicroNet daisy chain connection
5	no connection		not used
6	no connection		not used

CESSNA AIRCRAFT COMPANY
MODEL 750
INTERIOR MAINTENANCE MANUAL AND ILLUSTRATED PARTS CATALOG

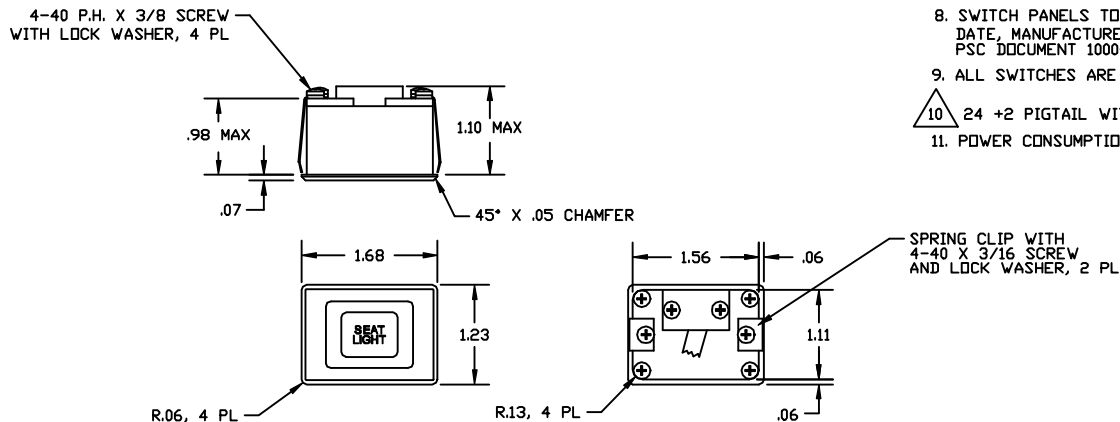
No.	Part Number	Description	Vendor
-	1322-1-2	VANITY SEAT LIGHT SWITCH PANEL	
-	1322-1-3	ARMREST SWITCH PANEL W/ SHADES	
-	1322-1-4	ARMREST SWITCH PANEL W/ SHADES	
-	1322-1-5	VANITY SWITCH PANEL	
-	1322-1-10	AUDIO \ VIDEO SWITCH PANEL	
-	1322-1-11	AUDIO \ VIDEO SWITCH PANEL	
-	1322-1-16	DOORPOST SWITCH	
-	1322-1-21	EXECUTIVE TABLE SWITCH W/ AUDIO \ VIDEO SELECT & SHADES	
-	1322-1-22	AC OUTLET	
-	1322-1-23	MOUSE SWITCH	
-	1322-1-32	110 VAC OUTLET	
-	1322-1-42	FAX OUTLET PANEL	
-	1322-1-72	MASTER CABIN CONTROL SWITCH PANEL	

REVISIONS					
REV	DESCRIPTION	EFF PT/DISP	DRAWN	CHKD	APPD
A	SEE DCN	1/17/97	FSL		

NOTES:

1. FOR HOUSING AND METALLIC OVERLAY PLATING SEE CORRESPONDING SALES ORDER.
2. FOR ETCH AND OVERLAY COLORS SEE CORRESPONDING SALES ORDER.
3. ALL APPLICABLE GRAIN DIRECTION PARALLEL TO TEXT.
4. BACKPLATE/STRAIN RELIEF FINISH: ANODIZED BLACK.
5. SWITCH BACKLIGHTING: AMBER
6. SWITCH TEXT AND HEADERS ARE .10 HELVETICA BOLD, UNLESS OTHERWISE NOTED.
7. SWITCH OPERATES ON +28VDC UNLESS OTHERWISE NOTED.
8. SWITCH PANELS TO BE DESIGNATED BY PART NUMBER, SERIAL #, DATE, MANUFACTURER, SOFTWARE AND REV. LEVEL PER PSC DOCUMENT 1000-82-1, STYLE III.
9. ALL SWITCHES ARE TO BE TESTED PER PSC DOCUMENT 1322-4.

- △ 10 24 +2 PIGTAIL WITH "D" SUB CONNECTOR PER PSC DOCUMENT 1407-51.
11. POWER CONSUMPTION OF SWITCH WILL NOT EXCEED 30mA.



△ 10 1322-1-2

J1, 9 PIN D-SUB CONNECTOR (DE9P)

PIN DESCRIPTION

PIN	DESCRIPTION
1	+28VDC
2	RTN
3	SEAT LIGHT OUTPUT (+28VDC, 2A MAX., ALTERNATE ACTION)
4	
5	SEAT LIGHT REMOTE I/O
6	
7	
8	
9	

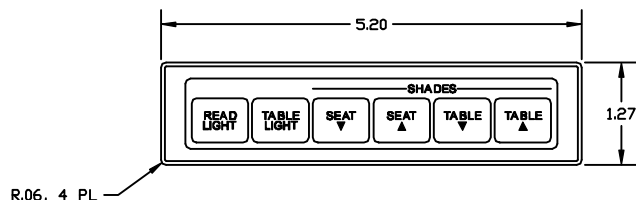
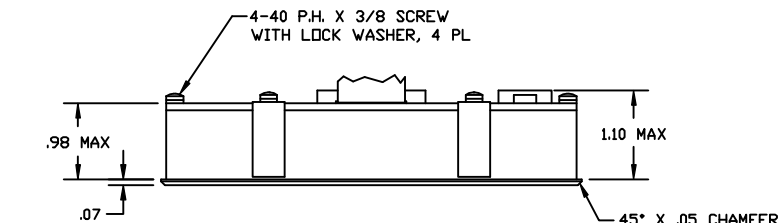
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	TOLERANCES	XXX ± .02		DRAWN	JAG	3-11-96	SIZE	FSCN	59959	DWG NO.	1322-1-2	REV	A
		XXX ± .010	CHECKED		MCB	4-11-96							
		ANGLES ± .003	ENGINEER		JAG	3-11-96							
		HOLE DIA ± .003	APPROVED		JAG	4-11-96							
		BREAK ALL SHARP EDGES											
ALL MACHINED SURFACES													

REVISIONS					
REV	DESCRIPTION	EFF PT/DISP	DRAWN	CHKD	APPD
A	SEE DCN	1-17-97	FSL		

NOTES:

- FOR HOUSING AND METALLIC OVERLAY PLATING SEE CORRESPONDING SALES ORDER.
- FOR ETCH AND OVERLAY COLORS SEE CORRESPONDING SALES ORDER.
- ALL APPLICABLE GRAIN DIRECTION PARALLEL TO TEXT.
- BACKPLATE/STRAIN RELIEF FINISH: ANODIZED BLACK.
- SWITCH BACKLIGHTING: AMBER
- SWITCH TEXT AND HEADERS ARE .10 HELVETICA BOLD, UNLESS OTHERWISE NOTED.
- SWITCH OPERATES ON +28VDC UNLESS OTHERWISE NOTED.
- SWITCH PANELS TO BE DESIGNATED BY PART NUMBER, SERIAL #, DATE, MANUFACTURER, SOFTWARE AND REV. LEVEL PER PSC DOCUMENT 1000-82-1, STYLE III.
- ALL SWITCHES ARE TO BE TESTED PER PSC DOCUMENT 1322-4.
- LIGHT MODULE: TOTAL POWER CONSUMPTION WILL NOT EXCEED 60mA.
- SHADE MODULES: TOTAL POWER CONSUMPTION WILL NOT EXCEED 60mA.

- △12 6 +2 PIGTAIL WITH "D" SUB CONNECTOR PER PSC DOCUMENT 1407-51.
- △13 6+1 PIGTAIL WITH POWER CONNECTOR PER PSC DOCUMENT 1407-54.

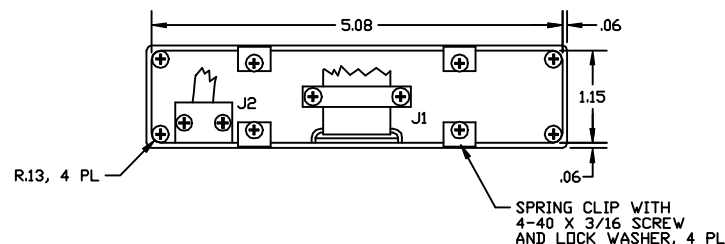


1322-1-3

△12 J1, 15 PIN D-SUB CONNECTOR (DAISP)

PIN DESCRIPTION

- +28VDC
- RTN
- READ LIGHT OUTPUT (+28VDC, 2A MAX., ALTERNATE ACTION)
- TABLE LIGHT OUTPUT (+28VDC, 2A MAX., ALTERNATE ACTION)
- READ LIGHT REMOTE I/O
- TABLE LIGHT REMOTE I/O
- MASTER SHADES UP INPUT
- MASTER SHADES DOWN INPUT
- TABLE SHADE UP OUTPUT (+28VDC, 2A MAX., MOMENTARY, POLARITY REVERSING)
- TABLE SHADE DOWN OUTPUT (+28VDC, 2A MAX., MOMENTARY, POLARITY REVERSING)
- SEAT SHADE UP OUTPUT (+28VDC, 2A MAX., MOMENTARY, POLARITY REVERSING)
- SEAT SHADE DOWN OUTPUT (+28VDC, 2A MAX., MOMENTARY, POLARITY REVERSING)
- TABLE SHADE UP REMOTE I/O
- TABLE SHADE DOWN REMOTE



△13 J2, 2 PIN POWER CONNECTOR (03-06-2023)

PIN DESCRIPTION

- +28VDC SHADE POWER
- SHADE RTN

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UNLESS OTHERWISE SPECIFIED:	
DIMENSIONS ARE IN INCHES	
TOLERANCES	
XXX ± .02	
XXX ± .010	
ANGLES ± .003	
HOLE DIA ± .003	
BREAK ALL SHARP EDGES	
ALL MACHINED SURFACES	

PACIFIC SYSTEMS CORPORATION SEATTLE, WASHINGTON	
DRAWN	JAG 3-11-96
CHECKED	MCJ 4-11-96
ENGINEER	JAG 3-11-96
APPROVED	JAG 4-11-96

OUTLINE SWITCH PANEL	
SIZE	FSCN 59959
DWG NO.	1322-1-3
REV	A
SCALE	1/1
SHEET	1 OF 1

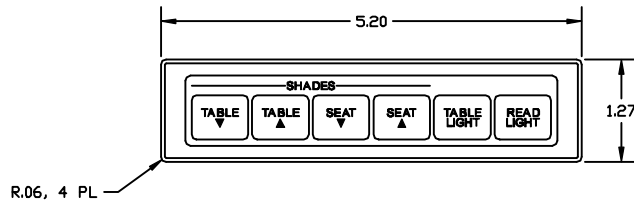
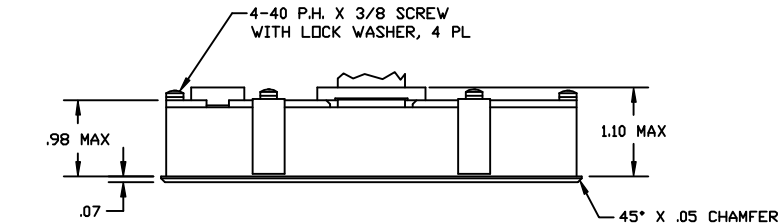
V	REVISIONS					
	REV	DESCRIPTION	EFF PT/DISP	DRAWN	CHKD	APPD
	A	SEE DCN	1-17-97	FSL		

NOTES:

1. FOR HOUSING AND METALLIC OVERLAY PLATING SEE CORRESPONDING SALES ORDER.
2. FOR ETCH AND OVERLAY COLORS SEE CORRESPONDING SALES ORDER.
3. ALL APPLICABLE GRAIN DIRECTION PARALLEL TO TEXT.
4. BACKPLATE/STRAIN RELIEF FINISH: ANODIZED BLACK.
5. SWITCH BACKLIGHTING: AMBER
6. SWITCH TEXT AND HEADERS ARE .10 HELVETICA BOLD, UNLESS OTHERWISE NOTED.
7. SWITCH OPERATES ON +28VDC UNLESS OTHERWISE NOTED.
8. SWITCH PANELS TO BE DESIGNATED BY PART NUMBER, SERIAL #, DATE, MANUFACTURER, SOFTWARE AND REV. LEVEL PER PSC DOCUMENT 1000-82-1, STYLE III.
9. ALL SWITCHES ARE TO BE TESTED PER PSC DOCUMENT 1322-4.
10. LIGHT MODULE: TOTAL POWER CONSUMPTION WILL NOT EXCEED 60mA.
11. SHADE MODULES: TOTAL POWER CONSUMPTION WILL NOT EXCEED 60mA.

12 6 +2 PIGTAIL WITH 'D' SUB CONNECTOR PER PSC DOCUMENT 1407-51.

13 6±1 PIGTAIL WITH POWER CONNECTOR PER PSC DOCUMENT 1407-54.

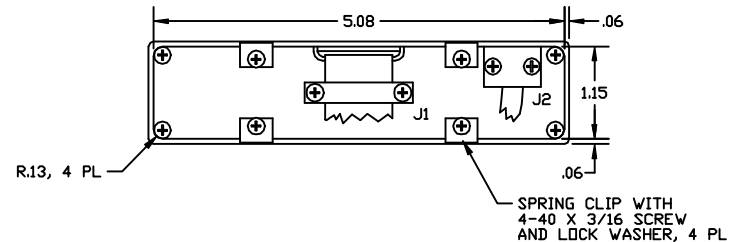


1322-1-4

12 J1, 15 PIN D-SUB CONNECTOR (DA15P)

PIN DESCRIPTION

- 1 - +28VDC
- 2 - RTN
- 3 - READ LIGHT OUTPUT (+28VDC, 2A MAX., ALTERNATE ACTION)
- 4 - TABLE LIGHT OUTPUT (+28VDC, 2A MAX., ALTERNATE ACTION)
- 5 - READ LIGHT REMOTE I/O
- 6 - TABLE LIGHT REMOTE I/O
- 7 - MASTER SHADES UP INPUT
- 8 - MASTER SHADES DOWN INPUT
- 9 - TABLE SHADE UP OUTPUT (+28VDC, 2A MAX., MOMENTARY, POLARITY REVERSING)
- 10 - TABLE SHADE DOWN OUTPUT (+28VDC, 2A MAX., MOMENTARY, POLARITY REVERSING)
- 11 - SEAT SHADE UP OUTPUT (+28VDC, 2A MAX., MOMENTARY, POLARITY REVERSING)
- 12 - SEAT SHADE DOWN OUTPUT (+28VDC, 2A MAX., MOMENTARY, POLARITY REVERSING)
- 13 - TABLE SHADE UP REMOTE I/O
- 14 - TABLE SHADE DOWN REMOTE
- 15 -



13 J2, 2 PIN POWER CONNECTOR (03-06-2023)

PIN DESCRIPTION

- 1 - +28VDC SHADE POWER
- 2 - SHADE RTN

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UNLESS OTHERWISE SPECIFIED:	
DIMENSIONS ARE IN INCHES	
TOLERANCES	
XXX ±	.02
XXX ±	.010
ANGLES ±	
WHILE DIA ±	.003
BREAK ALL SHARP EDGES	
ALL MACHINED SURFACES	

PACIFIC SYSTEMS CORPORATION	
SEATTLE, WASHINGTON	
DRAWN	JAG
CHECKED	MCG
ENGINEER	JAG
APPROVED	JAG

OUTLINE SWITCH PANEL	
SIZE	FSCN
59959	1322-1-4
DWG NO.	REV
132214.DWG	A
SCALE 1/1	SHEET 1 OF 1

V	REVISIONS				
	REV	DESCRIPTION	EFF PT/DISP	DRAWN	CHKD
	A	SEE DCN	1-17-97	FSL	

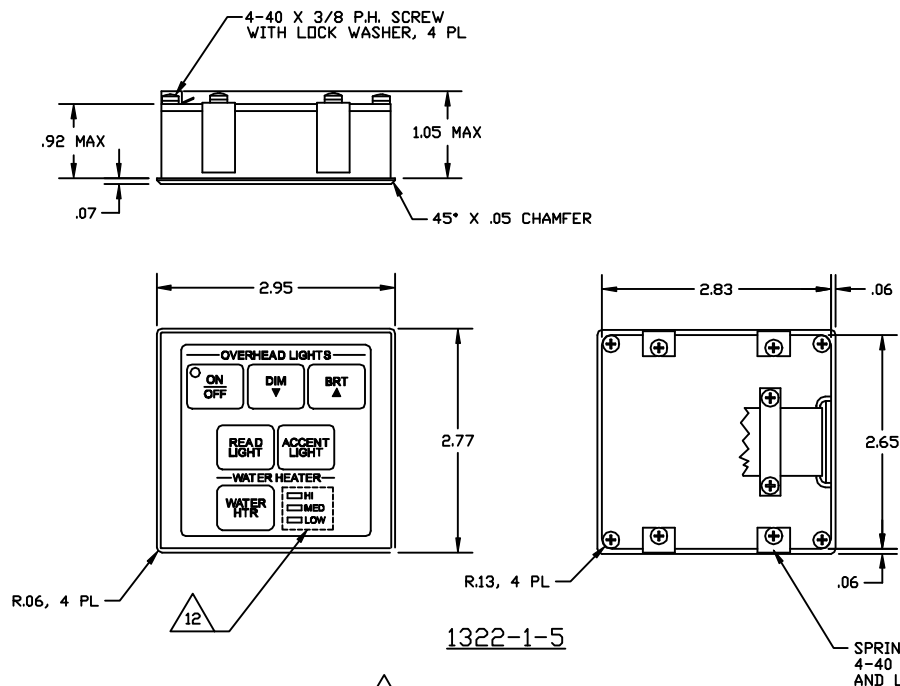
NOTES:

- FOR HOUSING AND METALLIC OVERLAY PLATING SEE CORRESPONDING SALES ORDER.
- FOR ETCH AND OVERLAY COLORS SEE CORRESPONDING SALES ORDER.
- ALL APPLICABLE GRAIN DIRECTION PARALLEL TO TEXT.
- BACKPLATE/STRAIN RELIEF FINISH: ANODIZED BLACK.
- SWITCH BACKLIGHTING: AMBER
- SWITCH TEXT AND HEADERS ARE .10 HELVETICA BOLD, UNLESS OTHERWISE NOTED.
- SWITCH OPERATES ON +12VDC UNLESS OTHERWISE NOTED.
- SWITCH PANELS TO BE DESIGNATED BY PART NUMBER, SERIAL #, DATE, MANUFACTURER, SOFTWARE AND REV. LEVEL PER PSC DOCUMENT 1000-82-1, STYLE III.
- ALL SWITCHES ARE TO BE TESTED PER PSC DOCUMENT 1322-4.

10 24 +2 PIGTAIL WITH 'D' SUB CONNECTOR PER PSC DOCUMENT 1407-51.

11. STATUS LEDS (<O>) ARE DEADFRONT, GREEN WHEN LIT.

12 .08 HELVETICA BOLD TEXT. TEXT IS ETCHED ON METALLIC OVERLAY. INDICATOR WILL ILLUMINATE, TEXT WILL NOT.



1322-1-5

10 J1, 15 PIN D-SUB CONNECTOR (DA15P)

PIN	DESCRIPTION
1	+12VDC
2	RTN
3	WATER HTRS
4	WATER HTR LOW STATUS
5	WATER HTR MED STATUS
6	WATER HTR HI STATUS
7	READ LIGHT
8	
9	ACCENT LIGHT
10	
11	
12	ON/OFF CABIN OVR HEAD
13	ON/OFF CABIN OVR HEAD STATUS
14	DIM CABIN OVR HEAD
15	BRT CABIN OVR HEAD

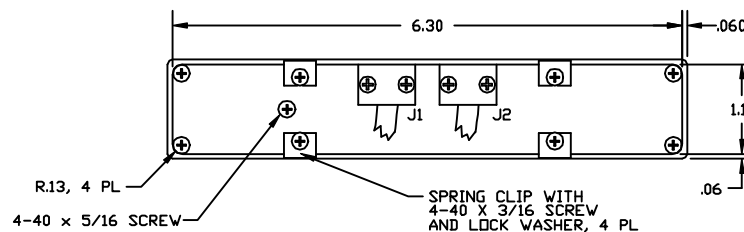
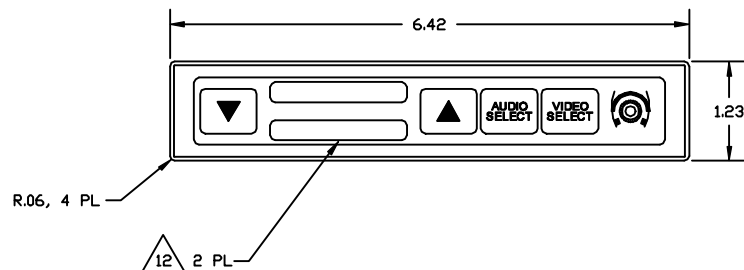
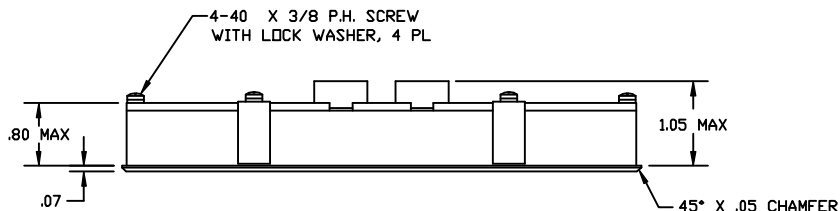
THIS TECHNICAL DATA IS CONSIDERED PACIFIC SYSTEMS CORPORATION PROPRIETARY AND SHALL NOT BE USED, REPRODUCED, RELEASED OR DISCLOSED IN WHOLE OR IN PART WITHOUT THE PERMISSION OF PACIFIC SYSTEMS CORPORATION.	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES		PACIFIC SYSTEMS CORPORATION SEATTLE, WASHINGTON		OUTLINE SWITCH PANEL	
	TOLERANCES	XXX ± .02 XXX ± .010 ANGLES ± .003	DRAWN	JAG	3-12-96	REV
	BREAK ALL SHARP EDGES	ENGINEER	JAG	4-11-96	SCALE	1/1
	ALL MACHINED SURFACES	APPROVED	JAG	4-11-96	132215.DWG	SHEET 1 OF 1

REV	REVISIONS				
	DESCRIPTION	EFF PT/DISP	DRAWN	CHKD	APPD
B	SEE DCN	1-17-97	FSL		

NOTES:

1. FOR HOUSING AND METALLIC OVERLAY PLATING SEE CORRESPONDING SALES ORDER.
2. FOR ETCH AND OVERLAY COLORS SEE CORRESPONDING SALES ORDER.
3. ALL APPLICABLE GRAIN DIRECTION PARALLEL TO TEXT.
4. BACKPLATE/STRAIN RELIEF FINISH: ANODIZED BLACK.
5. SWITCH BACKLIGHTING: AMBER
6. SWITCH TEXT AND HEADERS ARE .10 HELVETICA BOLD, UNLESS OTHERWISE NOTED.
7. SWITCH OPERATES ON +12VDC UNLESS OTHERWISE NOTED.
8. SWITCH PANELS TO BE DESIGNATED BY PART NUMBER, SERIAL #, DATE, MANUFACTURER, SOFTWARE AND REV. LEVEL PER PSC DOCUMENT 1000-82-1, STYLE III.
9. ALL SWITCHES ARE TO BE TESTED PER PSC DOCUMENT 1322-4.

- 10 3 +1/-0 PIGTAIL WITH MODULAR JACK CONNECTOR PER PSC DOCUMENT 1407-54
- 11 3 +1/-0 PIGTAIL WITH BNC PLUG PER PSC DOCUMENT 1107-56.
- 12 NEUTRAL DENSITY FILTER, GAM COLOR 1515.



1322-1-10

- 10 J1, 10 PIN MODULAR JACK (SS651010-A-FLS-K3)
- | PIN | DESCRIPTION |
|-----|-----------------|
| 1 | +12VDC |
| 2 | VIDEO RTN |
| 3 | VIDEO |
| 4 | VIDEO |
| 5 | AUDIO RIGHT (+) |
| 6 | AUDIO (-) |
| 7 | AUDIO LEFT (+) |
| 8 | DATA A |
| 9 | DATA B |
| 10 | RTN |

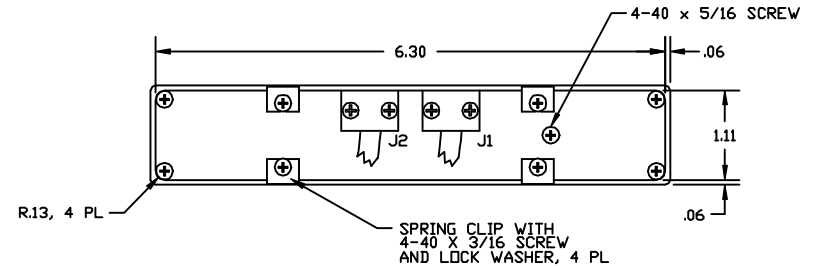
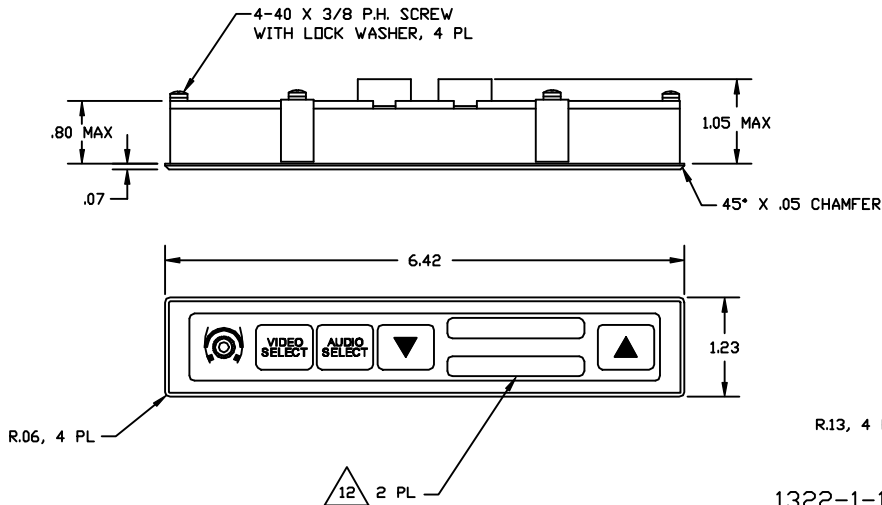
- 11 J2, 2 PIN BCN PLUG (KC 59-113)
- | PIN | DESCRIPTION |
|-----|--------------|
| 1 | VIDEO |
| 2 | VIDEO SHIELD |

THIS TECHNICAL DATA IS CONSIDERED PACIFIC SYSTEMS CORPORATION PROPRIETARY AND SHALL NOT BE USED, REPRODUCED, RELEASED OR DISCLOSED IN WHOLE OR IN PART WITHOUT THE PERMISSION OF PACIFIC SYSTEMS CORPORATION.	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES		 PACIFIC SYSTEMS CORPORATION SEATTLE, WASHINGTON		OUTLINE SWITCH PANEL		
	TOLERANCES		DRAWN	JAG	3-11-96		
	XXX ± .02		CHECKED	MCG	6-6-96	SIZE C	FSCD
	XXX ± .010		ENGINEER	JAG	3-11-96	59959	DWG NO.
	ANGLES ± .003		APPROVED	JH	6-6-96	SCALE 1/1	1322110JWG
	HOLE DIA ± .003						1322-1-10
	BREAK ALL SHARP EDGES						REV B
	ALL MACHINED SURFACES						

REVISIONS					
REV	DESCRIPTION	EFF PT/DISP	DRAWN	CHKD	APPD
A	SEE DCN	1-17-97	FSL		

NOTES:

1. FOR HOUSING AND METALLIC OVERLAY PLATING SEE CORRESPONDING SALES ORDER.
 2. FOR ETCH AND OVERLAY COLORS SEE CORRESPONDING SALES ORDER.
 3. ALL APPLICABLE GRAIN DIRECTION PARALLEL TO TEXT
 4. BACKPLATE/STRAIN RELIEF FINISH: ANODIZED BLACK.
 5. SWITCH BACKLIGHTING: AMBER
 6. SWITCH TEXT AND HEADERS ARE .10 HELVETICA BOLD, UNLESS OTHERWISE NOTED.
 7. SWITCH OPERATES ON +12VDC UNLESS OTHERWISE NOTED.
 8. SWITCH PANELS TO BE DESIGNATED BY PART NUMBER, SERIAL #, DATE, MANUFACTURER, SOFTWARE AND REV. LEVEL PER PSC DOCUMENT 1000-82-1, STYLE III.
 9. ALL SWITCHES ARE TO BE TESTED PER PSC DOCUMENT 1322-4.
- 10 3 +1/-0 PIGTAIL WITH MODULAR JACK CONNECTOR PER PSC DOCUMENT 1407-54.
- 11 3 +1/-0 PIGTAIL WITH BNC PLUG PER PSC DOCUMENT 1107-56.
- 12 NEUTRAL DENSITY FILTER, GAM COLOR 1515.



1322-1-11

- 10 J1, 10 PIN MODULAR JACK (SS651010-A-FLS-K3)
- PIN DESCRIPTION
- 1- VIDEO
 - 2- +12VDC
 - 3- VIDEO RTN
 - 4- VIDEO
 - 5- AUDIO RIGHT (+)
 - 6- AUDIO (-)
 - 7- AUDIO LEFT (+)
 - 8- DATA A
 - 9- DATA B
 - 10- RTN

- 11 J2, 2 PIN BNC PLUG (KC 59-113)
- PIN DESCRIPTION
- 1- VIDEO
 - 2- VIDEO SHIELD

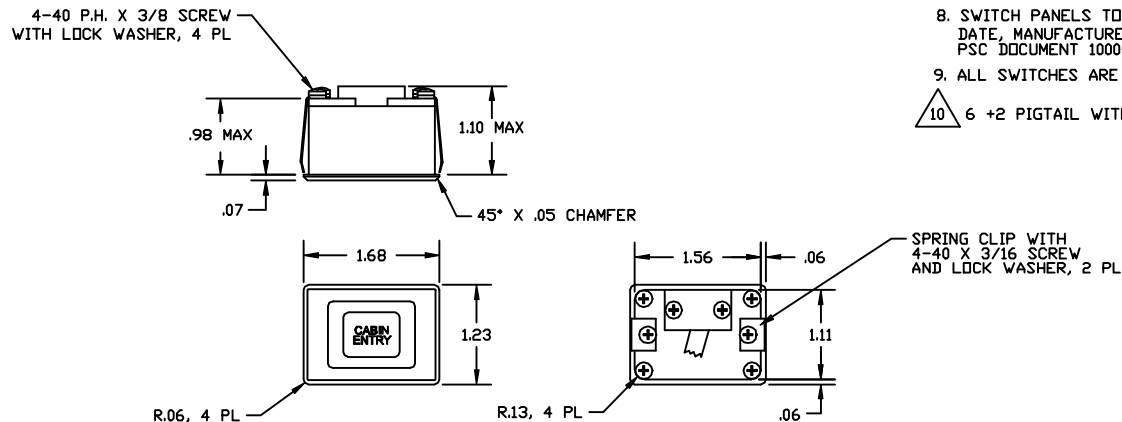
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	TOLERANCES	XXX ± .02 XXX ± .010 ANGLES ± HOLE DIA ± .003				
	BREAK ALL SHARP EDGES	APPROVED	DRAWN	JAG	3-11-96	SIZE
	ALL MACHINED SURFACES	APPROVED	CHECKED	MCQ	6-6-96	FSCN
			ENGINEER	JAG	3-11-96	DWG NO.
					6-6-96	1322-1-11
						REV
						A
						SHEET 1 OF 1

REV	REVISIONS					
	DESCRIPTION	EFF	PT/DISP	DRAWN	CHKD	APPD
B	SEE DCN		1-17-97	FSL		

NOTES:

1. FOR HOUSING AND METALLIC OVERLAY PLATING SEE CORRESPONDING SALES ORDER.
2. FOR ETCH AND OVERLAY COLORS SEE CORRESPONDING SALES ORDER.
3. ALL APPLICABLE GRAIN DIRECTION PARALLEL TO TEXT.
4. BACKPLATE/STRAIN RELIEF FINISH: ANODIZED BLACK.
5. SWITCH BACKLIGHTING: AMBER
6. SWITCH TEXT AND HEADERS ARE .10 HELVETICA BOLD, UNLESS OTHERWISE NOTED.
7. SWITCH OPERATES ON +12VDC UNLESS OTHERWISE NOTED.
8. SWITCH PANELS TO BE DESIGNATED BY PART NUMBER, SERIAL #, DATE, MANUFACTURER, SOFTWARE AND REV. LEVEL PER PSC DOCUMENT 1000-82-1, STYLE III.
9. ALL SWITCHES ARE TO BE TESTED PER PSC DOCUMENT 1322-4.

10 6 +2 PIGTAIL WITH "D" SUB CONNECTOR PER PSC DOCUMENT 1407-51.



10 1322-1-16

J1, 9 PIN D-SUB CONNECTOR (DE9P)

PIN	DESCRIPTION
1	+12VDC
2	RTN
3	CABIN ENTRY
4	
5	
6	
7	
8	
9	

THIS TECHNICAL DATA IS CONSIDERED PACIFIC SYSTEMS CORPORATION PROPRIETARY AND SHALL NOT BE USED, REPRODUCED, RELEASED OR DISCLOSED IN WHOLE OR IN PART WITHOUT THE PERMISSION OF PACIFIC SYSTEMS CORPORATION.	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES			PACIFIC SYSTEMS CORPORATION SEATTLE, WASHINGTON		OUTLINE SWITCH PANEL				
	TOLERANCES	XXX ± .02 XXX ± .010 ANGLES ± .003 HOLE DIA. ± .003		DRAWN	JAG	3-11-96	SIZE	FSCN	DWG NO.	REV
	BREAK ALL SHARP EDGES		CHECKED	MCQ	4-11-96			59959	1322-1-16	B
			ENGINEER	JAG	3-11-96	SCALE	1/1	1322116.DWG	SHEET	1 OF 1
			APPROVED	JAG	4-11-96					

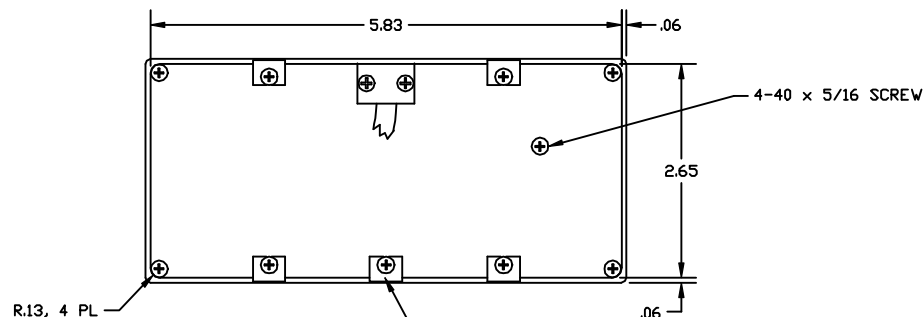
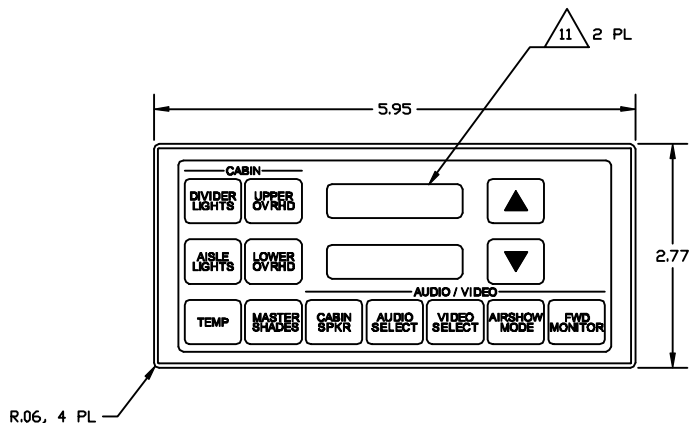
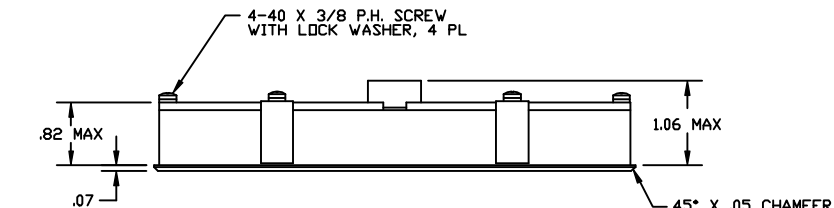
REV	REVISIONS				
	DESCRIPTION	EFF PT/DISP	DRAWN	CHKD	APPD
B	SEE DCN	1-17-97	FSL		

NOTES:

1. FOR HOUSING AND METALLIC OVERLAY PLATING SEE CORRESPONDING SALES ORDER.
2. FOR ETCH AND OVERLAY COLORS SEE CORRESPONDING SALES ORDER.
3. ALL APPLICABLE GRAIN DIRECTION PARALLEL TO TEXT.
4. BACKPLATE/STRAIN RELIEF FINISH: ANODIZED BLACK.
5. SWITCH BACKLIGHTING: AMBER
6. SWITCH TEXT AND HEADERS ARE .10 HELVETICA BOLD, UNLESS OTHERWISE NOTED.
7. SWITCH OPERATES ON +12VDC UNLESS OTHERWISE NOTED.
8. SWITCH PANELS TO BE DESIGNATED BY PART NUMBER, SERIAL #, DATE, MANUFACTURER, SOFTWARE AND REV. LEVEL PER PSC DOCUMENT 1000-82-1, STYLE III.
9. ALL SWITCHES ARE TO BE TESTED PER PSC DOCUMENT 1322-4.

10 3 +1/-0 PIGTAIL WITH MODULAR JACK CONNECTOR PER PSC DOCUMENT 1407-54.

11 NEUTRAL DENSITY FILTER, GAM COLOR 1515.



1322-1-21

10 J1, 10 PIN MODULAR JACK (SS651010-A-FLS-K3)
PIN DESCRIPTION

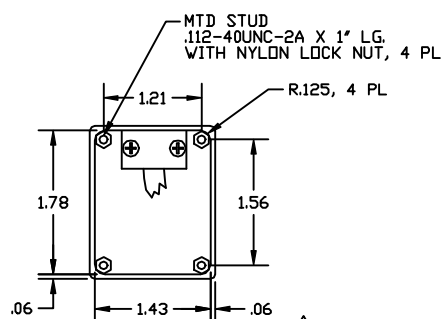
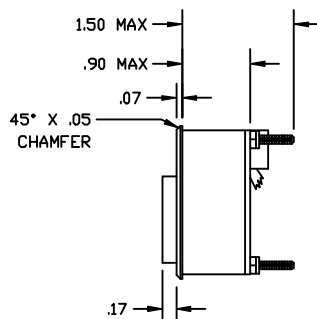
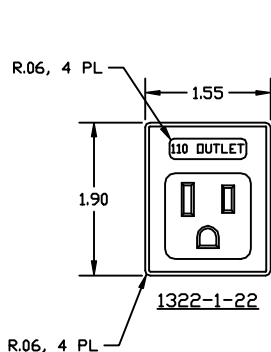
- 1
- 2 +12VDC
- 3
- 4
- 5
- 6
- 7
- 8 DATA A
- 9 DATA B
- 10 RTN

THIS TECHNICAL DATA IS CONSIDERED PACIFIC SYSTEMS CORPORATION PROPRIETARY AND SHALL NOT BE USED, REPRODUCED, RELEASED OR DISCLOSED IN WHOLE OR IN PART WITHOUT THE PERMISSION OF PACIFIC SYSTEMS CORPORATION.	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		 PACIFIC SYSTEMS CORPORATION SEATTLE, WASHINGTON		OUTLINE SWITCH PANEL				
	TOLERANCES	XXX ± .02	DRAWN	JAG	3-11-96	SIZE C	FSCN 59959	DWG NO. 13221-1-21	REV B
		XXX ± .010	CHECKED	MCG	6-11-96				
		ANGLES ± .003	ENGINEER	JAG	3-11-96				
		HOLE DIA ± .003	APPROVED	JH	6-11-96				
	BREAK ALL SHARP EDGES								
	ALL MACHINED SURFACES								

NOTES:

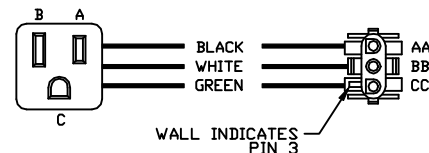
- FOR HOUSING PLATING SEE CORRESPONDING SALES ORDER.
- FOR OVERLAY COLORS SEE CORRESPONDING SALES ORDER.
- ALL APPLICABLE GRAIN DIRECTION PARALLEL TO TEXT.
- BACKPLATE/STRAIN RELIEF FINISH: ANODIZED BLACK.
- TEXT WILL NOT ILLUMINATE
- TEXT AND HEADERS ARE .10 HELVETICA BOLD, UNLESS OTHERWISE NOTED.
- OPERATES ON +110VAC UNLESS OTHERWISE NOTED.
- PANEL TO BE DESIGNATED BY PART NUMBER, SERIAL #, DATE, MANUFACTURER, SOFTWARE AND REV. LEVEL PER PSC DOCUMENT 1000-82-1, STYLE III.

- TO BE TESTED PER THE OUTLINE DRAWING, REFER TO 1322-4 FOR TEST DATA SHEET.
- 3 ±1 PIGTAIL WITH POWER CONNECTOR PER PSC DOCUMENT 1407-52.



9 TEST PROCEDURE

- TEST ACROSS EACH CONNECTION A-AA, B-BB, AND C-CC. MUST BE LESS THAN .01 OHMS.
- TEST ACROSS EACH PIN A-B, A-C, AND B-C. MUST BE GREATER THAN 2 MEGADHMS.



- 10 J1, 3 PIN POWER CONNECTOR (1-480701-0)
PIN DESCRIPTION
1 - +110VAC (BLACK)
2 - POWER RTN (WHITE)
3 - GROUND (GREEN)

1322-1-22

THIS TECHNICAL DATA IS CONSIDERED PACIFIC SYSTEMS CORPORATION PROPRIETARY AND SHALL NOT BE USED, REPRODUCED, RELEASED OR DISCLOSED IN WHOLE OR IN PART WITHOUT THE PERMISSION OF PACIFIC SYSTEMS CORPORATION.

UNLESS OTHERWISE SPECIFIED:	
DIMENSIONS ARE IN INCHES	
TOLERANCES	
XXX ±	.02
XXX ±	.010
ANGLES ±	
WALL DIA ±	.003
BREAK ALL SHARP EDGES	
ALL MACHINED SURFACES	

PACIFIC SYSTEMS CORPORATION SEATTLE, WASHINGTON	
DRAWN	MCJ
CHECKED	JAG
ENGINEER	MCJ
APPROVED	MCJ

OUTLINE SWITCH PANEL 110 OUTLET	
SIZE	FSCN
C	59959
DWG NO.	1322-1-22
REV	H
SCALE	1/1
1322122.DWG	SHEET 1 OF 1

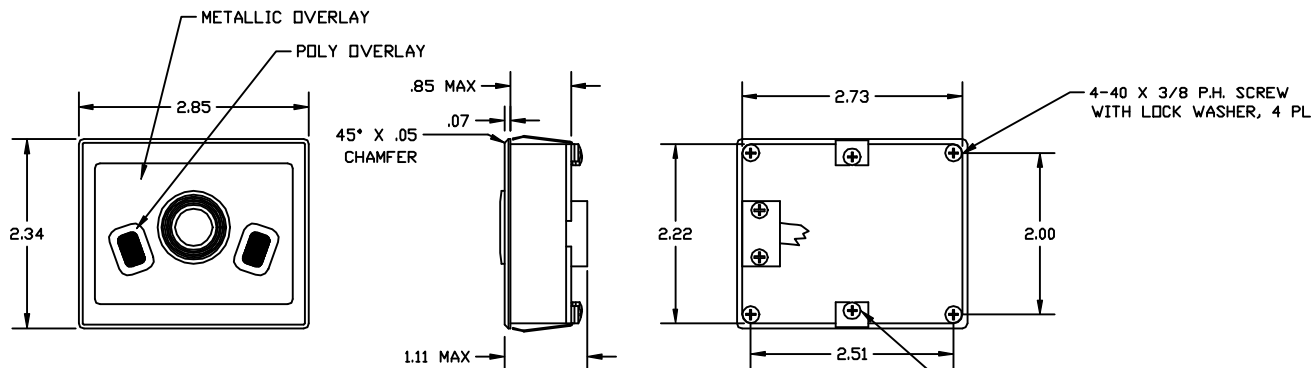
REV	DESCRIPTION	REVISIONS			
		EFF	PT/DISP	DRAWN	CHKD
B	SEE DCN	1-17-97	FSL		APPD

NOTES:

1. FOR HOUSING AND METALLIC OVERLAY PLATING SEE CORRESPONDING SALES ORDER
2. FOR OVERLAY AND TEXT COLORS SEE CORRESPONDING SALES ORDER.
3. ALL APPLICABLE GRAIN DIRECTION PARALLEL TO TEXT.
4. BACKPLATE/STRAIN RELIEF FINISH: ANODIZED BLACK.
5. SWITCH OPERATES ON +XXVDC UNLESS OTHERWISE NOTED.
6. SWITCH PANELS TO BE DESIGNATED BY PART NUMBER, SERIAL #, DATE, AND MANUFACTURER, PER PSC DOCUMENT 1000-82-1, STYLE II.

7 29 ±2 PIGTAIL WITH 'D' SUB CONNECTOR.

8. SWITCH TO BE TESTED PER PSC 1322-4 (MOUSE TEST)



7 1322-1-23
J1, 9 PIN D-SUB CONNECTOR
PIN DESCRIPTION

- 1 PIN 1
- 2 PIN 2
- 3 PIN 3
- 4 PIN 4
- 5 PIN 5
- 6 PIN 6
- 7 PIN 7
- 8 PIN 8
- 9 PIN 9

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UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES

TOLERANCES

XXX ± .02

XXX ± .010

ANGLES ± .003

BREAK ALL SHARP EDGES

ALL MACHINED SURFACES

PACIFIC SYSTEMS CORPORATION
SEATTLE, WASHINGTON

DRAWN MCG

CHECKED JAG

ENGINEER MCG

APPROVED MCG

4-12-96

5-10-96

OUTLINE
SWITCH PANELS
MOUSE PAD

SIZE FSCN 59959 DWG NO.

1322-1-23

SCALE 1/1 1322123.DWG SHEET 1 OF 1

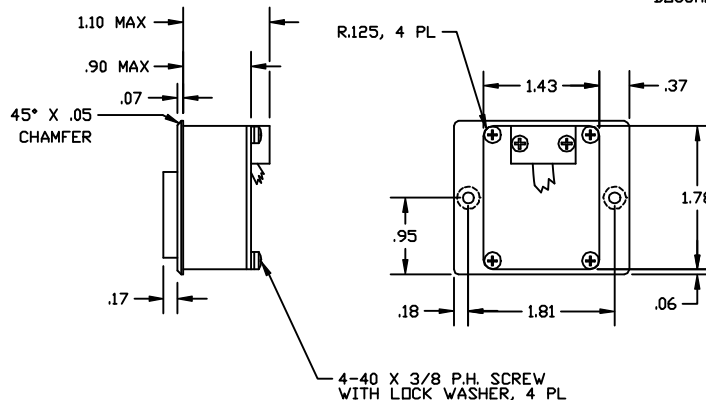
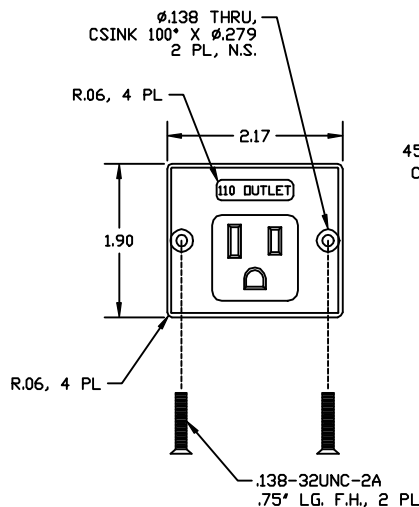
REV B

NOTES:

1. FOR HOUSING AND SCREW PLATING SEE CORRESPONDING SALES ORDER.
2. FOR OVERLAY COLORS SEE CORRESPONDING SALES ORDER.
3. ALL APPLICABLE GRAIN DIRECTION PARALLEL TO TEXT.
4. BACKPLATE/STRAIN RELIEF FINISH: ANODIZED BLACK.
5. TEXT WILL NOT ILLUMINATE.
6. TEXT IS .10 HELVETICA BOLD UNLESS OTHERWISE NOTED.
7. OPERATES ON +110VAC UNLESS OTHERWISE NOTED.
8. PANEL TO BE DESIGNATED BY PART NUMBER, SERIAL #, DATE, MANUFACTURER, SOFTWARE AND REV. LEVEL PER PSC DOCUMENT 1000-82-1, STYLE III.

9. TO BE TESTED PER THE OUTLINE DRAWING, REFER TO 1322-4 FOR TEST DATA SHEET.

10. 3 ±1 PIGTAIL WITH POWER CONNECTOR PER PSC DOCUMENT 1407-52.



1322-1-32

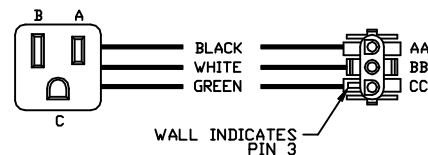
10. J1, 3 PIN POWER CONNECTOR
(1-480701-0)

PIN DESCRIPTION

- 1 - +110VAC (BLACK)
- 2 - POWER RTN (WHITE)
- 3 - GROUND (GREEN)

TEST PROCEDURE

1. TEST ACROSS EACH CONNECTION A-AA, B-BB, AND C-CC. MUST BE LESS THAN .01 OHMS.
2. TEST ACROSS EACH PIN A-B, A-C, AND B-C. MUST BE GREATER THAN 2 MEGOHMS.



THIS TECHNICAL DATA IS CONSIDERED
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AND SHALL NOT BE USED, REPRODUCED,
RELEASED OR DISCLOSED IN WHOLE OR
IN PART WITHOUT THE PERMISSION OF
PACIFIC SYSTEMS CORPORATION.

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES	
XXX ±	.02
XXX ±	.010
ANGLES ±	
WALL THICKNESS	.003
BREAK ALL SHARP EDGES	
ALL MACHINED SURFACES	APPROVED

PACIFIC SYSTEMS CORPORATION SEATTLE, WASHINGTON	
DRAWN	MC G 4-24-96
CHECKED	JAG 5-10-96
ENGINEER	MC G 4-24-96
APPROVED	MC G 5-10-96

OUTLINE
SWITCH PANEL
110 OUTLET

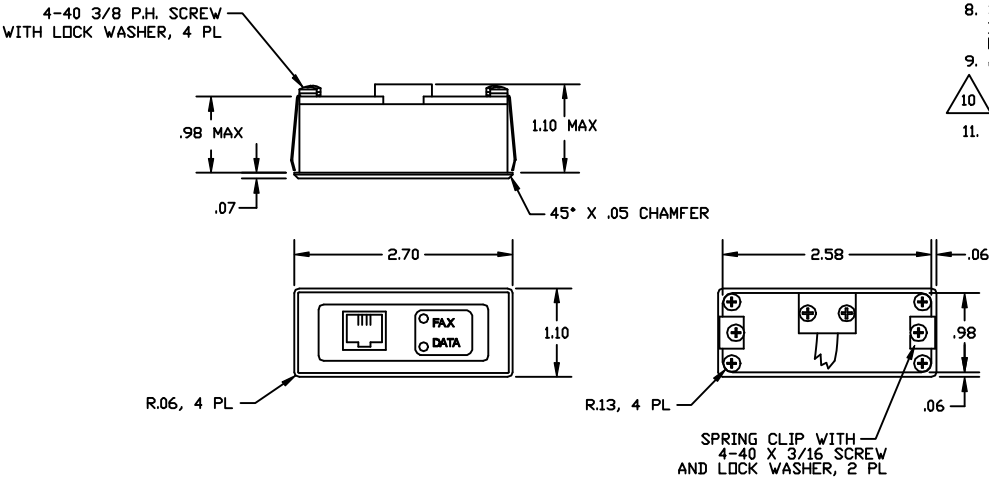
SIZE	FSCN	DWG NO.	REV
C	59959	1322-1-32	H
SCALE	1/1	1322132.DWG	SHEET 1 OF 1

REVISIONS					
REV	DESCRIPTION	EFF PT/DISP	DRAWN	CHKD	APPD
C	SEE DCN	9-2-97	JAG		

NOTES:

- FOR HOUSING AND METALLIC OVERLAY PLATING SEE CORRESPONDING SALES ORDER.
- FOR ETCH AND OVERLAY COLORS SEE CORRESPONDING SALES ORDER.
- ALL APPLICABLE GRAIN DIRECTION PARALLEL TO TEXT.
- BACKPLATE/STRAIN RELIEF FINISH: ANODIZED BLACK.
- SWITCH BACKLIGHTING: AMBER
- SWITCH TEXT AND HEADERS ARE .10 HELVETICA BOLD, UNLESS OTHERWISE NOTED.
- SWITCH OPERATES ON +12VDC UNLESS OTHERWISE NOTED.
- SWITCH PANELS TO BE DESIGNATED BY PART NUMBER, SERIAL #, DATE, MANUFACTURER, SOFTWARE AND REV. LEVEL PER PSC DOCUMENT 1000-82-1, STYLE III.
- ALL SWITCHES ARE TO BE TESTED PER PSC DOCUMENT 1322-4.

- 6 +2 PIGTAIL WITH 'D' SUB CONNECTOR PER PSC DOCUMENT 1407-51.
- STATUS LEDS (◊) ARE DEADFRONT, GREEN WHEN LIT.



1322-1-42

10	J1, 9 PIN D-SUB CONNECTOR	
	(DE9P)	
	PIN	DESCRIPTION
	1	+28VDC
	2	RTN
	3	TIP (RJ11 PIN 2)
	4	RING (RJ11 PIN 3)
	5	FAX CONFIGURATION OUTPUT
	6	
	7	DATA CONFIGURATION OUTPUT
	8	
	9	

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	TOLERANCES	XXX ± .02 XXX ± .010 ANGLES ± HOLE DIA ± .003			DRAWN JAG 7-29-96 CHECKED MCG 9-19-96 ENGINEER JAG 7-29-96 APPROVED JAG 9-19-96	SIZE C	FSCN 59959	DWG NO. 1322-1-42
	BREAK ALL SHARP EDGES							
	ALL MACHINED SURFACES							

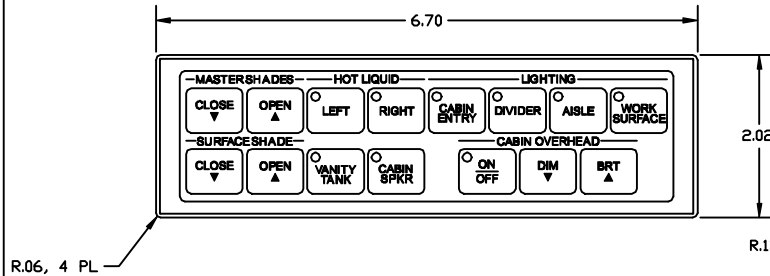
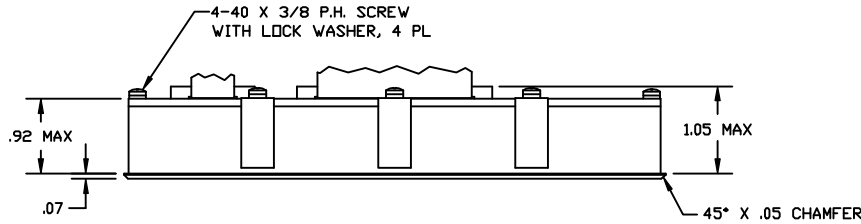
REVISIONS						
REV	DESCRIPTION	EFF PT/DISP	DRAWN	CHKD	APPD	
A	SEE DCN	9-4-97	NJD			

NOTES:

1. FOR HOUSING AND METALLIC OVERLAY PLATING SEE CORRESPONDING SALES ORDER.
2. FOR ETCH AND OVERLAY COLORS SEE CORRESPONDING SALES ORDER.
3. ALL APPLICABLE GRAIN DIRECTION PARALLEL TO TEXT.
4. BACKPLATE/STRAIN RELIEF FINISH: ANODIZED BLACK.
5. SWITCH BACKLIGHTING: AMBER
6. SWITCH TEXT AND HEADERS ARE .10 HELVETICA BOLD, UNLESS OTHERWISE NOTED.
7. SWITCH OPERATES ON +12VDC UNLESS OTHERWISE NOTED.
8. SWITCH PANELS TO BE DESIGNATED BY PART NUMBER, SERIAL #, DATE AND MANUFACTURER PER PSC DOCUMENT 1000-82-1, STYLE II.
9. ALL SWITCHES ARE TO BE TESTED PER PSC DOCUMENT 1322-4.

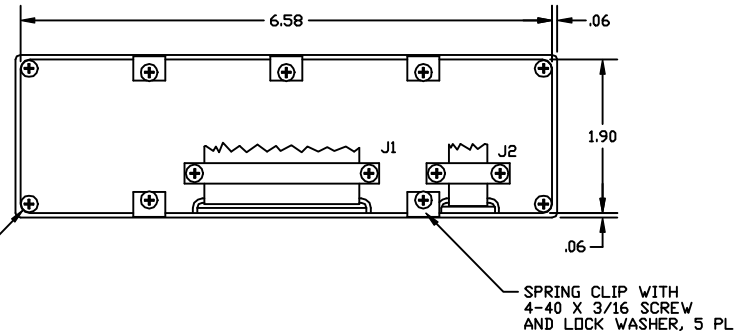
10 6 +2 PIGTAIL WITH 'D' SUB CONNECTOR PER PSC DOCUMENT 1407-51.

11. STATUS LEDS (O) ARE DEADFRONT, GREEN WHEN LIT.
12. SHADE MODULE: TOTAL POWER CONSUMPTION WILL NOT EXCEED 30mA.



R.13, 4 PL

1322-1-72



10 J1, 37 PIN D-SUB CONNECTOR (DC37P)

10 J2, 9 PIN D-SUB CONNECTOR (DE9P)

PIN DESCRIPTION

1	+12VDC
2	RTN
3	MASTER SHADE OPEN
4	MASTER SHADE CLOSE
5	VANITY TANK
6	VANITY TANK STATUS
7	
8	
9	LEFT HOT LIQUID
10	LEFT HOT LIQUID STATUS
11	RIGHT HOT LIQUID
12	RIGHT HOT LIQUID STATUS
13	ON/OFF CABIN OVR HEAD
14	ON/OFF CABIN OVR HEAD STATUS
15	DIM CABIN OVR HEAD
16	BRT CABIN OVR HEAD
17	CABIN ENTRY
18	CABIN ENTRY STATUS
19	DIVIDER
20	DIVIDER STATUS

PIN DESCRIPTION

21	AISLE
22	AISLE STATUS
23	WORK SURFACE
24	WORK SURFACE STATUS
25	
26	
27	CABIN SPKR
28	CABIN SPKR STATUS
29	
30	
31	
32	
33	
34	
35	
36	
37	

PIN DESCRIPTION

1	+28VDC
2	SURFACE SHADE OPEN OUTPUT (+28VDC, 2A MAX., MOMENTARY, POLARITY REVERSING)
3	SURFACE SHADE CLOSE OUTPUT (+28VDC, 2A MAX., MOMENTARY, POLARITY REVERSING)
4	MASTER SHADE UP INPUT
5	MASTER SHADE DOWN INPUT
6	
7	
8	
9	RTN

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	TOLERANCES	XXX ± .02		DRAWN	JAG	4-14-97	SIZE	FSCN	DWG NO.	REV
		XXX ± .010		CHECKED	MCG	4-14-97				
		ANGLES ±		ENGINEER	JAG	4-14-97				
		HOLE DIA ± .003		APPROVED	JH	4-15-97				
BREAK ALL SHARP EDGES		APPROVED		JH	4-15-97	SCALE	1/1	1322172.DWG	SHEET	1 OF 1

MAINTENANCE MANUAL

ATA 25-20-80
4M51601 (CS5XX)

with
ILLUSTRATED
PARTS
LIST

for

CESSNA 750 DYNAMIC SEATS

P/N 2524.516.01-()

**AIRCRAFT MODULAR PRODUCTS
4000 Northwest 36th Avenue
Miami, Florida 33142**

AIRCRAFT MODULAR PRODUCTS

4000 N.W. 36th Avenue - Miami, Florida 33142

CESSNA 750 DYNAMIC SEATS

P/N 2524.516.01-()

TO: HOLDERS OF CESSNA 750 DYNAMIC SEATS (P/N: 2524.516.01-() COMPONENT
MAINTENANCE MANUAL (25-20-80) DATED NOVEMBER 96

REVISION NO. 1 DATED JUL 21/97

HIGHLIGHTS

This is a partial revision. Due to the extent of the changes involved in this revision, the revised pages of this publication have been printed. Please remove and discard all pages of prior issues and replace with Revision 01, dated July 21/97.

Subject/Page	Description of Change
List of Effective Pages	Revised to indicate revised pages
Record of Revisions	Added issue date for Revision 01
Description and Operation / 6	Revised to incorporate new P/N
Assembly / 705	Revised to incorporate new P/N
Illustrated Parts List / 1008, 1033-1035	Revised to indicate new P/N

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4000 N.W. 36th Avenue - Miami, Florida 33142

CESSNA 750 DYNAMIC SEATS

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1	Jul-21-1997						

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R/R 1

July/1997

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SERVICE BULLETIN LIST

Service Bulletin	Incorporated	Service Bulletin	Incorporated

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CESSNA 750 DYNAMIC SEATS

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DESCRIPTION AND OPERATION

1. GENERAL

- A. This manual provides maintenance and operating instructions for the Cessna 750 Dynamic Seats, P/N 2524.516.01-() designed and manufactured by Aircraft Modular Products.
- B. Arrangement and Part Numbers

SEAT	DESCRIPTION	PART NUMBER
Seat 1	Cessna 750 Dynamic Seat, Standard Seat Configuration	2524.516.01-110A/B
Seat 2	Cessna 750 Dynamic Seat, Footrest	2524.516.01-111A/B
Seat 3	Cessna 750 Dynamic Seat, Mechanical Lumbar	2524.516.01-112A/B
Seat 4	Cessna 750 Dynamic Seat, Footrest & Mechanical Lumbar	2524.516.01-113A/B

- C. To customize this manual for a particular seat, please refer to the parts list of that seat. Parts lists for each seat and its subassemblies may be acquired from Aircraft Modular Products. When using this document, refer only to those sections which apply the specific seat's subassemblies.
- D. This manual is provided by Aircraft Modular Products for the exclusive use of its customers. The content of this document is proprietary to Aircraft Modular Products and its customers and is subject to change. The use of any part of this document by any other person or persons for any other purpose without written consent of Aircraft Modular Products is expressly prohibited.

2. DESCRIPTION

- A. The basic seat structure is composed of a machined aluminum seat frame. A nylon pak cloth covered back frame that consists of two aluminum I-beams and tubes that connect them is attached to the seat frame. These frames are connected to a tracking mechanism composed of tubes which act on linear bearings. A positive locking swivel mechanism attaches the tracking mechanism to a machined aluminum seat base.
- B. The seat is designed for frequent, easy removal and installation. It is virtually maintenance-free and requires no lubrication.

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- C. All seats have an Identification/TSO placard located on the seat bottom. Should the manufacturer need to be contacted to answer questions about a specific seat, it is important to obtain the Part Number and Serial Number from this placard before calling.

D. Options

Seat is supplied with the following options:

- (1) Footrest;
- (2) Mechanical Lumbar;
- (3) Footrest and Mechanical Lumbar.

E. Specifications Cessna 750 Dynamic Seats:

Seat Height (Overall) (Top of Backrest to Top of Seat Track) in cm	34.7 88.1
Seat Width (Overall) (Outside Armrest to Outside Armrest) in cm	22.0 55.9
Width Between Arms in cm	18.3 46.5
Armrest Width in cm	2.0 5.1
Empty Weight lbs kgs	77.0 34.9

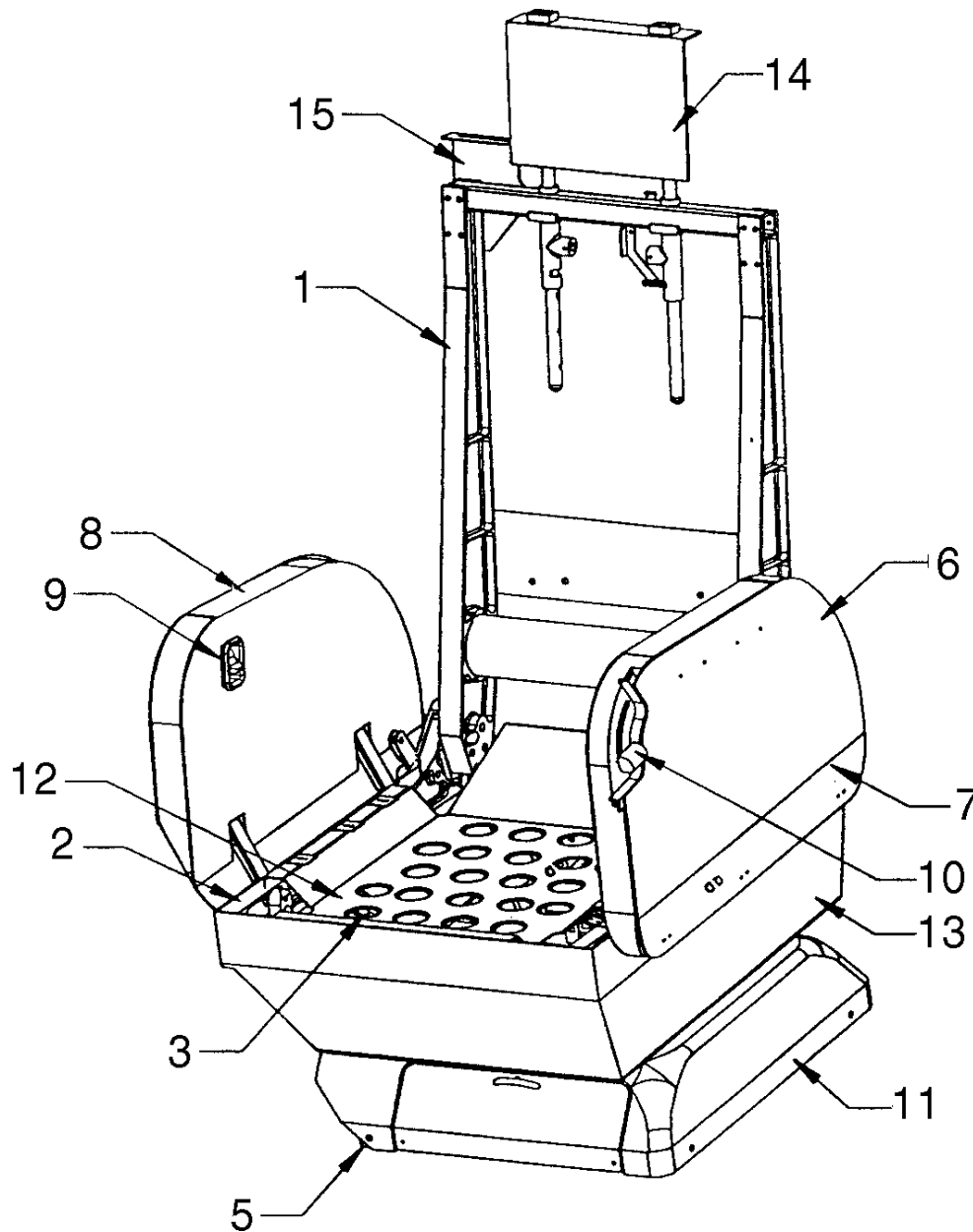
Table 2

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CESSNA 750 DYNAMIC SEATS

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Cessna 750 Dynamic Seat

FIGURE 1

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CESSNA 750 DYNAMIC SEATS

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F. Subassembly Cessna 750 Dynamic Seat

<u>SEAT SUBASSEMBLY</u>	<u>DESIGNATION NUMBER</u>
Backrest	(1)
Seat Frame	(2)
Tracking Assembly	(3)
Swivel Assembly (Refer to Figure)	(4)
Base Assembly	(5)
Retractable Armrest	(6)
Retractable Armrest Shroud	(7)
Fixed Armrest	(8)
Backrest Recline Control Assembly	(9)
Track and Swivel Control Assembly	(10)
Base Shroud	(11)
Seat Pan Assembly	(12)
Seat Bottom Shroud	(13)
Hidden Headrest	(14)
Inertia Reel Mount	(15)
Legrest Assembly (if applicable/shown)	(16)
Legrest Assembly (if applicable/shown)	(17)
Placards (TSO and Identification/Modification)	(18)

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3. SEAT OPERATION

A. Track and Swivel Mechanism

- (1) The track and swivel mechanism allows the seat to track forward, aft, and laterally, and to swivel 360° in 10° increments. The movement of the seat is relative to the fixed seat base.
- (2) The track and swivel control lever, located on the front of the inboard armrest, controls both tracking and swiveling motions simultaneously.
- (3) To track the seat, raise the control lever and physically move the seat to the desired position. Release the lever to lock the tracking mechanism.
- (4) If a swivel mechanism is provided, the seat may be rotated. To do so, raise the control lever and rotate the seat to the desired position. Release the lever to disengage the mechanism. The swivel mechanism locks only at specific intervals. Therefore, the seat may have to be rotated slightly after the lever is released to ensure that the mechanism is locked.

B. Recline Mechanism

- (1) The recline mechanism allows the seat to recline from a 10° upright state up to 45°.
- (2) To recline the seat, raise the recline control lever located on the inside of the outer fixed armrest and recline the seat to the desired position. Release the lever to lock the mechanism. Raise the lever and remove any weight from the seat back to return it to the upright position.

C. Retractable Armrests

- (1) The retractable armrests retract to allow easy entry/exit from the seat as well as to provide additional comfort.
- (2) To operate an armrest, lift it to its uppermost position and release. The armrest will stay in that position. To retract it, lift the armrest once again and push it down until it stops.

D. Hidden Headrest

- (1) The hidden headrest is vertically-adjustable and built into the seat back. This headrest does not require removal for stowage. **Page 5**

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E. Retractable Footrest (if applicable)

- (1) The retractable footrest can be extended out from the seat body to a position in which it will support the occupant's legs in an elevated position level with the seat cushion.
- (2) To deploy the footrest, push on the lower plate at the front of the assembly. Springs should deploy footrest out about 1". Pull footrest forward. When in the desired position, rotate the platform forward relative to the seat until it stops.
- (3) To stow the footrest, rotate the platform aft relative to the seat until it lies flat against the tubes. Next, push in on lower plate at the front of the assembly until it is flush with the seat bottom shroud.
- (4) The footrest should be stowed for takeoff and landing.

F. Adjustable Lumbar Support Mechanism (if applicable)

- (1) The adjustable lumbar support mechanism provides added support to the occupants lumbar region. It can be adjusted to satisfy the occupant's desires.
- (2) To adjust the lumbar support, either in or out, rotate the knob located on the inboard side of the backrest.

G. Seat Belt Mounts

- (1) The lap portion of the seat belt is mechanically fastened to the seat frame.
- (2) The shoulder restraint is mechanically fastened to the back frame and fed through a guide at its top.

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TESTING AND FAULT ISOLATION

1. GENERAL

- A. This section provides testing and fault isolation procedures for the operating mechanisms of the Cessna 750 Dynamic Seats. Please refer to the *Repair* Chapter for adjustment and repair procedures.

2. OPERATIONAL TEST

A. Track and Swivel Mechanism

- (1) Lift the track and swivel control lever located on the outside of the inboard retractable armrest.
- (2) The seat should track forward, aft, and laterally when pushed.
- (3) If it has a swivel assembly, the seat should be able to swivel.
- (4) The seat should track and/or swivel smoothly, without excessive noise or friction.

B. Recline Mechanism

- (1) Lift the recline control lever located on the inside of the outboard fixed armrest.
- (2) While the lever is lifted, the seat back should recline when weight is applied to it.
- (3) Release the recline button to lock the seat back in the desired position.
- (4) Lift the lever again and seat back should automatically return to the upright position when the occupant's weight is removed.

C. Retractable Armrest

- (1) Lift the armrest to its uppermost limit and release.
- (2) The armrest should lock in the raised position.
- (3) Lift the armrest again and push it down to the lowered position.

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3. FAULT ISOLATION

A. General

- (1) The following troubleshooting procedures are based on performance of the system operational tests and are presented in tree-type format to aid in rapid fault isolation. The test steps are connected by shaded pathways to show the OK condition path. When all of the steps in the OK condition path pass, the system is operable.
- (2) When a test step fails, follow the NOT OK line to the box containing the symptom. Turn to the procedure indicated and continue to follow a single line by analyzing the results of each test step until the required corrective action is determined. Perform the specific corrective action(s), then repeat the step at which the failure was encountered. Complete the test procedure to verify the system's integrity.
- (3) The devices that control the movement of the seat are connected by cables. Most of these cables run through the track and swivel mechanism. Therefore, it is important to check the locations of the cables to ensure that they will not get caught on non-moving parts when the seat is tracked and/or swiveled.

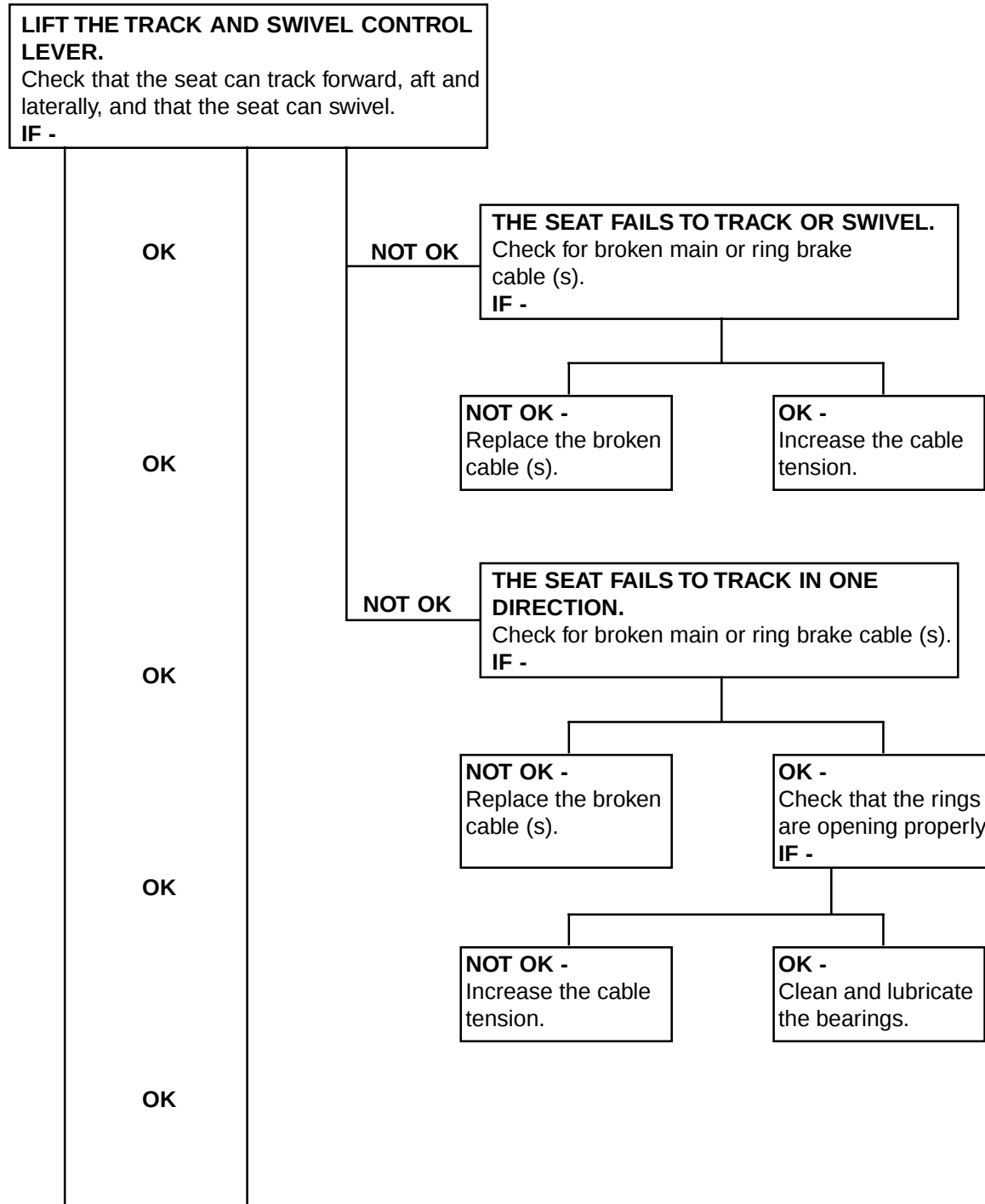
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B. Fault Isolation Procedure: Track and Swivel Mechanism



Fault Isolation Procedure: Track and Swivel Mechanism

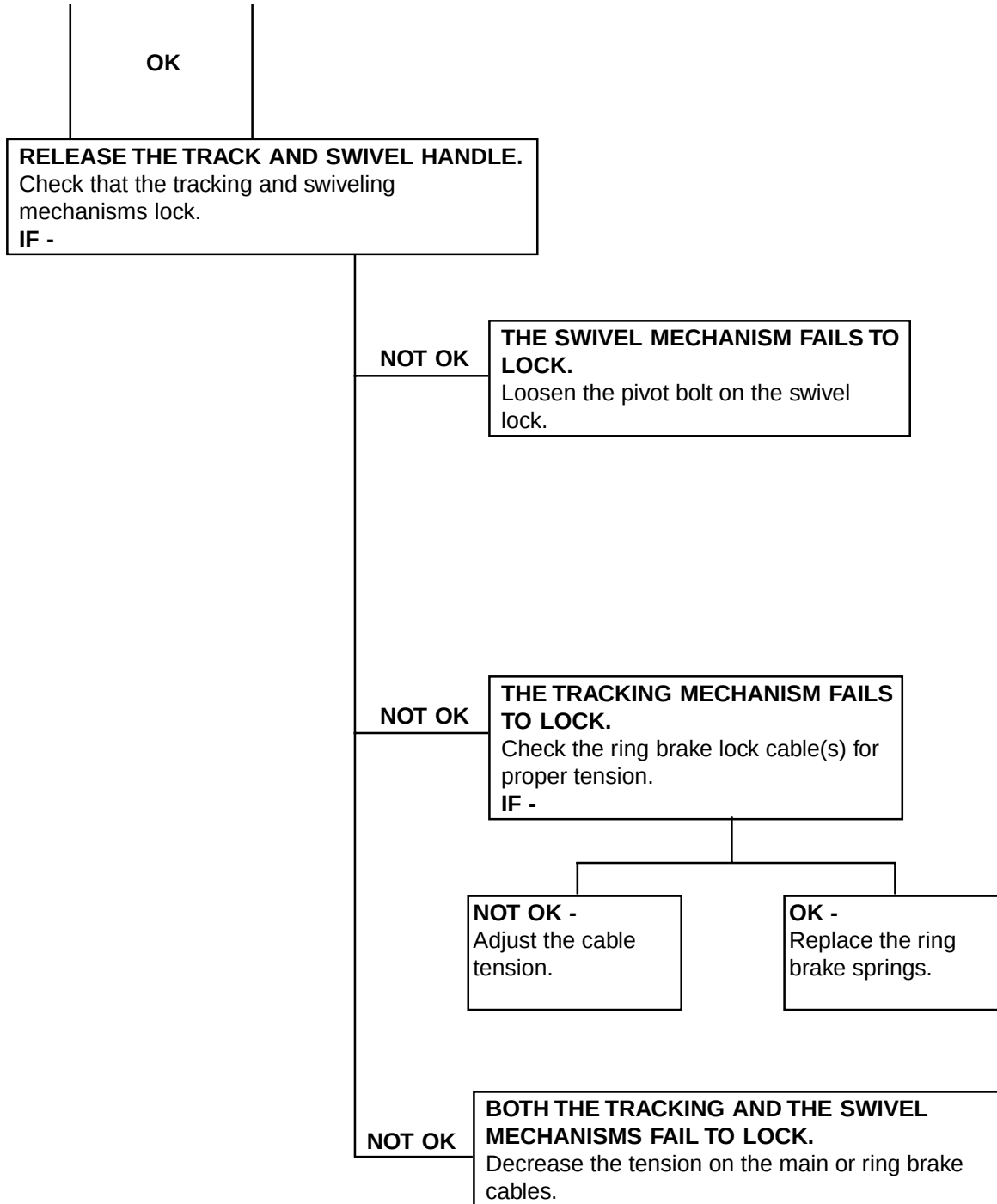
FIGURE 101, Sheet 1 of 2

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Fault Isolation Procedure: Track and Swivel Mechanism
FIGURE 101, Sheet 2 of 2

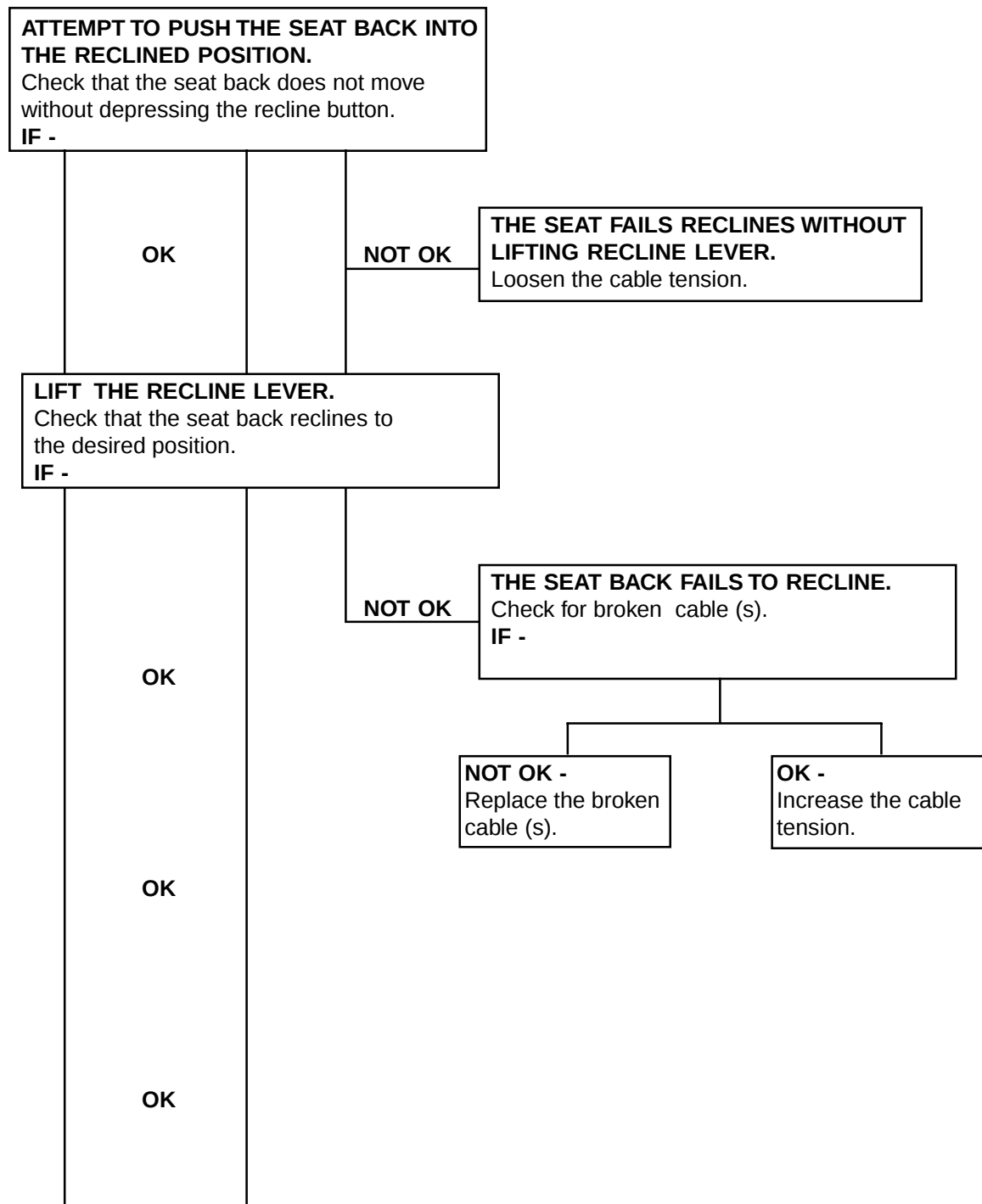
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C. Fault Isolation Procedure: Recline Mechanism



Fault Isolation Procedure: Recline Mechanism

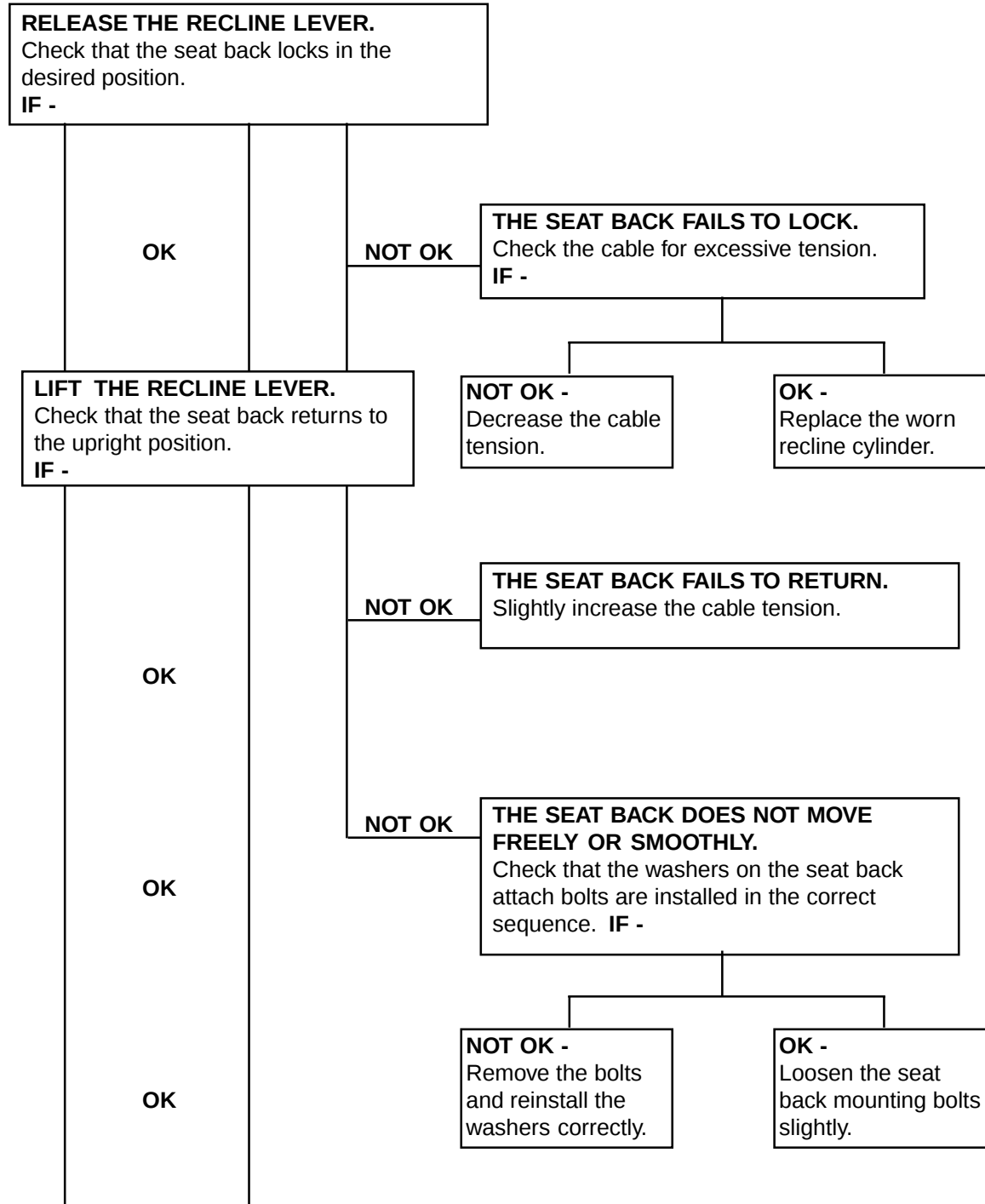
FIGURE 102, Sheet 1 of 2

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Fault Isolation Procedure: Recline Mechanism
FIGURE 102, Sheet 2 of 2

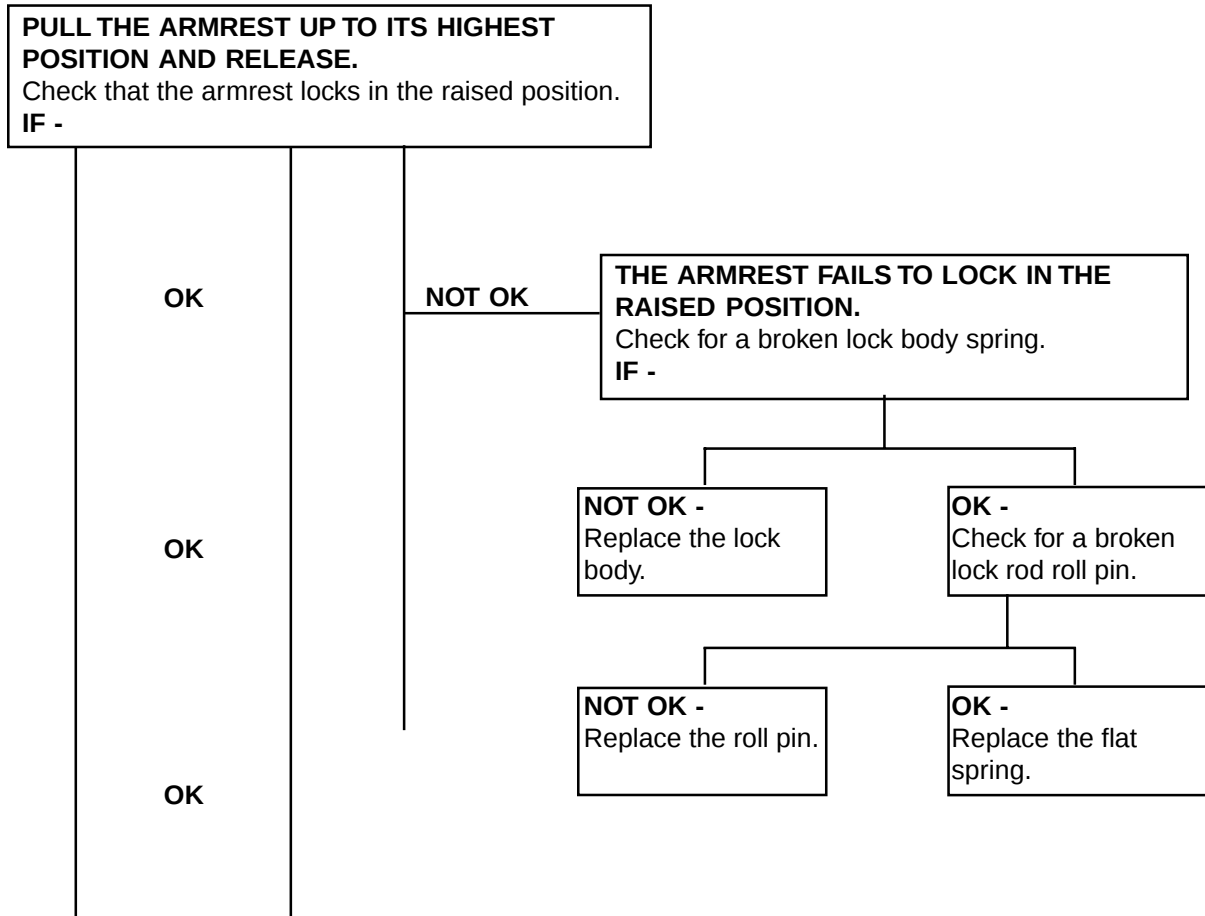
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D. Fault Isolation Procedure: Retractable Armrest



Fault Isolation Procedure: Retractable Armrest

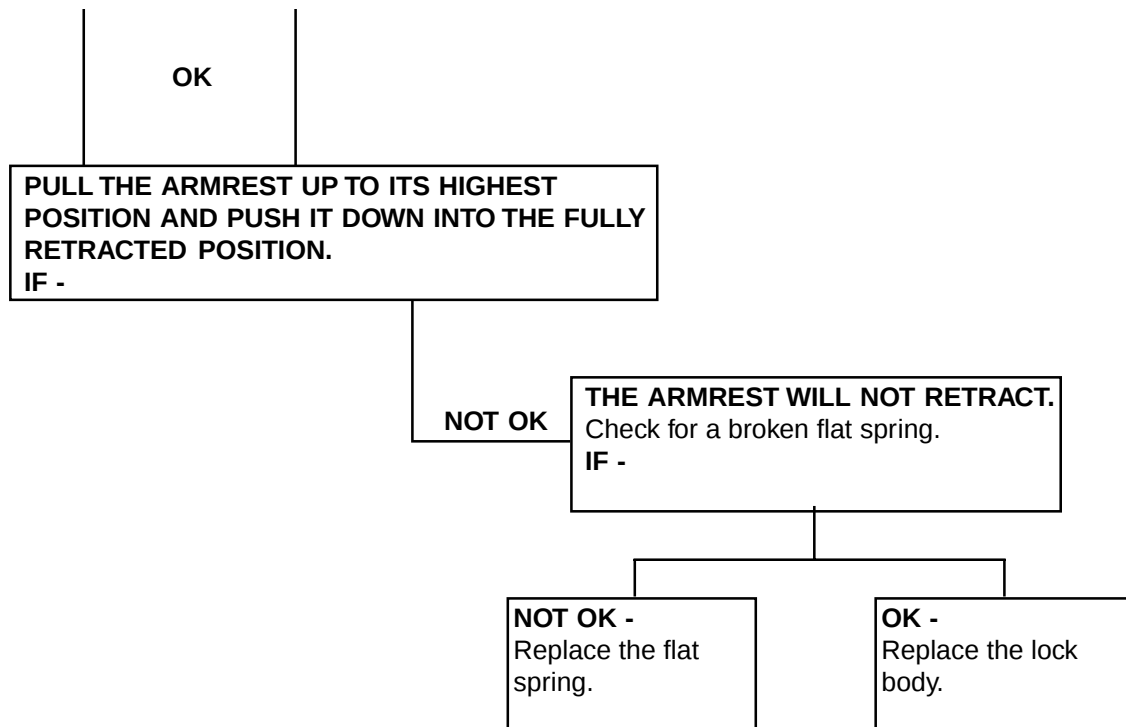
FIGURE 103, Sheet 1 of 2

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Fault Isolation Procedure: Retractable Armrest
FIGURE 103, Sheet 2 of 2

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CESSNA 750 DYNAMIC SEATS

P/N 2524.516.01-()

DISASSEMBLY

1. GENERAL

- A. Complete disassembly is neither required nor desired. Disassemble the seat only to the extent required to make necessary repairs or replacements.

CAUTION: **DO NOT DISASSEMBLE THE TRACK AND SWIVEL MECHANISM. THIS ASSEMBLY IS PRESET AT THE FACTORY TO SPECIFIC TOLERANCES. INCORRECT REASSEMBLY COULD RESULT IN EITHER EXCESSIVE TIGHTNESS OR EXCESSIVE PLAY IN ITS OPERATION.**

NOTE: See *Testing and Fault Isolation* Chapter to establish the most probable cause of the malfunction. Then refer to the *Repair* Chapter to determine the extent of disassembly required for repair or adjustment.

2. SEAT PAN REMOVAL

(refer to IPL Figure 2)

NOTE: Mark both the seat and the seat pan with the seat part number prior to removing. Seat pans are not interchangeable.

- A. Remove the seat cushion.
- B. Remove the front mounting screws (205, Figure 2).
- C. Remove the sheet metal retaining screws (200, Figure 2).
- D. Lift off the seat pan.

NOTE: In many instances, it is not necessary to fully remove the seat pan. Most internal mechanisms can be made accessible by removing only the front mounting screws (Step B above) and lightly, but not permanently, bending the flexible sheet metal pan until the needed clearance is achieved.

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3. RETRACTABLE ARMREST REMOVAL

(refer to IPL Figure 7)

- A. Raise the armrest to its highest position.
- B. To remove the shroud (85 & 90, Figure 7) and mounting screws.
- C. Disconnect the cables as required.
- D. Remove the shroud.
- E. To remove the retracting mechanism, remove the mounting screws located at the base of the mechanism.

4. BACKREST RECLINE CABLE REMOVAL

(refer to IPL Figure 10)

- A. Removal From The Recline Control Lever End.
 - (1) Reach inside the armrest and press up on the wire locking clip that secures the recline lever assembly.
 - (2) Remove the trim ring and pull the cable and recline button through the bottom of the arm shroud.
 - (3) Remove the cable.
- B. Removal From The Recline Cylinder End.
 - (1) Remove the seat cushion.
 - (2) Use a slot head screwdriver and lift up on the retaining clip that secures the cylinder actuator to the recline cylinder.
 - (3) Slide the actuator off of the recline cylinder.
 - (4) Use a slot head screwdriver to pop out the retaining ring (60, Figure 10) that secures the cable connector to the cylinder actuator (50, Figure 10).
 - (5) Remove the cable.

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5. SEAT TRACK & SWIVEL CABLE/WIRE REMOVAL

A. Removal From The Control Lever End

- (1) Remove the arm shroud as described in Section 3 above.
- (2) Remove screw to remove the track and swivel handle.
- (3) Pull out to remove the bezel.
- (4) Remove screws (20, Figure 8) to detach the track and swivel control module from the arm.
- (5) Remove the module.
- (6) Create slack in the cable by cutting any safety wires and lifting the cable out of the retainer slot at the other end (refer to Step B below).
- (7) Remove the screw retaining the crimped cable end.
- (8) Slide the cable from the retaining slot in the lever.
- (9) Remove the retaining ring to remove the conduit.

B. Removal of the Ring Brake Wires

- (1) Remove the seat cushion.
- (2) Remove the seat pan (refer to Section 2 above).
- (3) Remove a crimp (595, Figure 5) from one of the ring brakes by cutting the wire.
- (4) Remove the remaining wire.

6. GENERAL CABLE REMOVAL

- A. Cut any safety wires and remove the crimp from the slot. Alternatively, if the cable runs through a solid piece of metal, cut off the crimped end of the cable.
- B. Remove the conduit by removing the retaining ring.

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7. RECLINE CYLINDER REMOVAL

(refer to IPL Figure 2)

- A. Recline the seat back to expose the rear cylinder mounting bolt.
- B. Remove the rear bolt.
- C. Remove the cylinder actuator (refer to Section 4B above).
- D. Unscrew the threaded end of the recline cylinder from the hydroloc anchor.

8. SEAT BACK REMOVAL

(refer to IPL Figure 2)

- A. Remove the seat cushion.
- B. Remove the seat pan (refer to Section 2 above).

NOTE: Prior to removing the attaching bolts, carefully note the positions of the white plastic washers. They must be reinstalled in the same locations when the seat back is reassembled.

- C. Remove the 1/4" bolt connecting the seat back to the recline cylinder.
- D. Remove the two 3/8" screws connecting the seat back to the seat frame.

CAUTION: DO NOT OVERSIZE THE HOLES IN THE SEAT BACK OR FRAME. THEY INTENTIONALLY HAVE A TIGHT FIT IN ORDER TO ELIMINATE PLAY IN THE SEAT BACK.

- E. Lift the seat back off.

9. FIXED ARMREST REMOVAL

(refer to IPL Figure 2)

- A. Unscrew two mounting bolts and pull out just to clear armrest support arm.
- B. Lift off armrest.

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9. BASE SHROUD REMOVAL

(refer to IPL Figure 2 & 11)

- A. Remove the mounting screws from the side of the base.
- B. Drill out the pop rivets which attach the shroud together (see Section 12 below.)
- C. Remove the screws connecting the two pieces of the top shroud.
- D. Remove the shroud.

10. HEADREST REMOVAL

(refer to IPL Figure 12)

- A. Disengage headrest lever lock.
- B. Remove the headrest by pulling straight up out of the guide tubes.

11. RIVET REMOVAL

- A. Standard Rivets.
 - (1) Center punch the center of the manufactured head. If the structure is light, back up the rivet with a bucking bar when center punching. (Note: When removing AD type rivets with dimple heads, apply the drill to the center of the dimple and turn by hand until it has started into the head of the rivet.)
 - (2) Apply the drill to the center punch mark (always use a drill that is the same size as the rivet shank). Drill through the head only maintaining the drill 90° to the surface of the material of the rivet. Drilling at an angle will damage the hole and possibly damage the surrounding structure.
- B. CherryMAX and Pop Rivets.
 - (1) It is recommended that a small center drill be used to provide a guide for a larger drill on top of the rivet stem and the upper portion of the stem be drilled away to destroy the lock.
 - (2) Use a tapered steel drift pin or spent stem to drive out the rivet stem.

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- (3) Using a drill the same size as the rivet shank, drill nearly through the head of the rivet.
- (4) Break off the rivet head using a drift pin as a pry.
- (5) Drive out the remaining rivet shank with a pin that has a diameter equal to that of the rivet shank.

CAUTION:

DO NOT DRILL COMPLETELY THROUGH THE RIVET SLEEVE TO REMOVE THE RIVET AS THIS WILL TEND TO ENLARGE THE HOLE.

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CLEANING

1. GENERAL

- A. Regular cleaning of all seats is necessary to maintain the cleanliness and preserve the appearance of the finish upholstery.
- B. All of the seat covering materials are specially treated for flame resistance. Therefore, in order to avoid damage to the protective finishes, the use of cleaning agents stronger than those specified is not recommended.
- C. For deep cleaning procedures and especially for resistant stains, consult with the manufacturer of the material.

2. FABRIC

- A. For general cleaning, contact Cessna Completion Center Engineering.
- B. For spot cleaning, contact Cessna Completion Center Engineering.

3. LEATHER

- A. Periodically clean any leather surfaces using mild soap and water only. Dilute one capful of mild soap with one gallon of water. Apply with cheesecloth. Dry and buff with a soft cloth or cheesecloth.

CAUTION: SADDLE SOAP IS NOT RECOMMENDED.

4. ARMREST

- A. WARNING - Strong chemicals will hurt the plastic surfaces.
DO NOT USE: MEK, ACETONE, OR LACTOLENE
- B. General detergent cleaners and mild solvents are appropriate. ie: 409, Fantastic, Isopropyl alcohol.

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INSPECTION

1. STRUCTURE

- A. Check the seat frame, back frame, and support structure for evidence of corrosion or wear whenever they are exposed for periodic maintenance or repair.
- B. Remove the seat pan and inspect the cables and connecting mechanisms for structural integrity.

2. MECHANICAL OPERATION

- A. Periodically operate the track and swivel mechanism to ensure that it is functioning smoothly.
- B. Check for excessive play in the track and swivel mechanism by attempting to move the seat while in a locked position.
- C. Operate the recline mechanism occasionally to ensure that it is operating smoothly.
- D. Periodically operate the floor tracking mechanism to ensure that it is operating smoothly.
- F. Regularly raise and lower the armrest to ensure that it is functioning smoothly.

3. SEAT TRACKS

- A. Check the seat tracks for debris whenever removing or installing the seats.

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REPAIR

1. GENERAL

- A. Except for the permissible repairs outlined in this chapter, repair of parts and components is neither practical nor reliable during maintenance. Parts which do not meet inspection requirements should be replaced. Certain structural subassemblies are unavailable as separate items. If such an item is damaged, procure the next higher assembly. Refer to *Illustrated Parts List* for details.

2. TRACK AND SWIVEL MECHANISM

- A. Each seat has been pre-adjusted and checked at the factory to ensure that it tracks and swivels smoothly without excess movement. During the life of the seat, cables may need to be disconnected to permit upholstery or may occasionally need to be replaced due to wear. This section describes how to reinstall and adjust the cables which control the track and swivel mechanism.
- B. Cable Adjustment
 - (1) Cable adjustments may be required after upholstery or extensive use in order to keep the seat operating smoothly with as little free play as possible.
 - (2) Track and Swivel Control Cable
 - (a) The track and swivel control cable connects the control lever to the main operating lever in the seat bottom. It controls levers which in turn control the ring brakes and the swivel lock.
 - (b) Tighten the track and swivel control cable as follows:
 - 1 Remove the seat cushion.
 - 2 Remove the seat pan (refer to *Disassembly*, Section 2).
 - 3 Remove the retaining screw.
 - 4 Slide the wire from the slot in the main lever.

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(2) Track and Swivel Control Cable (cont.)

(b) Adjust the track and swivel control cable (cont.)

5 Cut the crimp from the wire.

6 Shorten the wire as required.

7 Replace the crimp.

(3) Ring Brake Wire

(a) The ring brake wire controls the operation of the fore and aft ring brakes.

(b) Adjust the ring brake wire as follows:

1 Remove the seat cushion.

2 Remove the seat pan (refer to *Disassembly*, Section 2).

3 Tighten or loosen adjustment screw as required.

C. Swivel Lock Pivot Tension

(1) If the swivel lock mechanism is too tight, perform the following steps:

(a) Loosen the locknut.

(b) Loosen the bolt.

(c) Retighten the locknut.

D. Swivel Mechanism Adjustment

CAUTION: THE SWIVEL ASSEMBLY SHOULD NEVER BE REMOVED FROM THE TRACKING ASSEMBLY OR LOOSENED IN ANY WAY. THE ATTACHING BOLTS ARE TIGHTENED AT THE FACTORY, AND IT IS CRITICAL THAT THEY REMAIN AS SET BY AIRCRAFT MODULAR PRODUCTS.

(1) The swivel assembly is connected to the base with bolts and nuts.

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D. Swivel Mechanism Adjustment (cont.)

- (2) In the event that any of these bolts have been loosened, retighten them to 60-70 lb-in torque.

NOTE: When the screws are tightened correctly, the swivel spacers and washers will not be able to move or rotate.

3. RECLINE MECHANISM

A. Cable Adjustment

- (1) Remove the seat cushion.
- (2) Remove the seat pan (refer to *Disassembly*, Section 2).
- (3) To adjust cable tension, loosen the locknut (40, Figure 10) on the actuator (50, Figure 10) and rotate the hex spacer.
- (4) Adjust the recline button to approximately 1/16 inch of play when it is pressed before resistance of the actuator is felt.
- (5) When adjustment is correct, retighten the locknut.
- (6) Replace the seat pan (refer to *Assembly*, Section 2) and the seat cushion.

4. CABLE REPLACEMENT

- A. In the event that a cable must be replaced due to breakage or severe wear, follow standard aircraft procedures for cable replacement.
- B. See Special Tools and Equipment Chapter for information regarding special tools.
- C. When ordering a new cable from the manufacturer, please be prepared to provide at least one of the following items of information:
 - (1) The cable conduit number (MC168_ _) which is stamped on the cable conduit;
 - (2) The part number and serial number of the seat obtained from the ID placard in the seat bottom.

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5. SEAT STRUCTURE

A. Seat Frame and Back

- (1) Damage to the seat frame, backrest, or base assembly may affect the structural integrity of the seat.
- (2) Do not attempt any repair or modification of the seat frame, backrest, or base. If any of these parts are damaged, contact the seat manufacturer for an engineering review.

B. Shrouds

- (1) The aluminum base and headrest shroud may be repaired using 6061T6 aluminum and standard sheet metal procedures. The shrouds may be replaced if repair is not practical.
- (2) The Royalite bottom shroud may be removed. Should replacement be necessary, contact the seat manufacturer for further instructions.

C. Seat Pan

- (1) The aluminum seat pan should not be repaired. Should it become damaged, replacement is necessary.

6. FLOOR TRACKING MECHANISM/SHEAR PLUNGERS

If any damage or excessive wear exists on the wheels, seat track fasteners, or plungers, they must be replaced not repaired.

7. RETRACTABLE ARMREST MECHANISM

A. To accomplish the following repairs, first remove the armrest shroud (125, Figure 7) per *Disassembly*.

- (1) Flat (Upper) Spring Replacement
 - (a) Remove the screws to replace the spring.

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- (2) Lock Body Replacement
 - (a) Remove the screws to replace the lock body.
- (3) Lock Rod Roll Pin
 - (a) Remove the retracting mechanism per *Disassembly*, Section 3.
 - (b) Remove the roll pin.
 - (c) In case of breakage, replace it with a stainless steel roll pin.

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ASSEMBLY

1. GENERAL

- A. Damaged fasteners (e.g., screws, nuts, washers, etc.) should be replaced rather than reused. Whenever possible, replace low-cost wear items during reassembly to prevent possible future maintenance as a result of failure of these parts.

2. SEAT PAN INSTALLATION

(refer to IPL Figures 2)

NOTE: Be sure to reinstall the same seat pan that was originally removed from the seat. Seat pans are not interchangeable.

- A. Remove the seat cushion.
- B. Place seat pan on top of the seat frame.
- C. Fasten with sheet metal screws.
- D. Install screws in front seat frame if required.
- E. Replace the seat cushion.

3. RETRACTABLE ARMREST INSTALLATION

(refer to IPL Figure 2 & 7)

- A. Install the retracting mechanism with mounting screws through the holes located on its base.
- B. Position the shroud as required and reconnect any cables or wiring that was previously removed.
- C. Install the shroud with screws.

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4. BACKREST RECLINE CABLE INSTALLATION

A. Recline Button End

- (1) Assemble the recline button unit parts and cable end in the proper sequence.
- (2) Reach inside the armrest shroud and position the recline button in the mounting hole.
- (3) Press on the trim ring to lock the recline button assembly in place.

B. Recline Cylinder End

- (1) Slide the cylinder actuator onto the threaded end of the recline cylinder.
- (2) Put the retaining ring into place and push up until it locks.

5. BACKREST RECLINE CYLINDER INSTALLATION

A. Backrest Recline Cylinder

- (1) Fully recline the seat back.
- (2) Screw the threaded end of the recline cylinder into the hydroloc anchor.
- (3) Install the rear retainer bolt.
- (4) Replace the actuator on the threaded end of the recline cylinder (refer to Section 4B above).
- (5) Adjust as required (refer to *Repair*).

6. TRACK AND SWIVEL CABLE INSTALLATION

A. Control Lever End

NOTE: The cable must be loose at the other end (refer to *Disassembly*).

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- (1) Remove the control lever assembly from the armrest (refer to *Disassembly*, Section 5).
- (2) Fasten the conduit to the cable mounting angle with a retainer ring.
- (3) Slip the cable end into the retainer slot on the rod.
- (4) Replace the control lever assembly in the socket in the armrest.
- (5) Insert and tighten the four screws that attach the control lever assembly to the armrest shroud.
- (6) Push the bezel into the receptacle holes in the armrest shroud.
- (7) Attach the handle to the lever arm with a screw.
- (8) Reconnect and adjust the cable at the other end (refer to Section B below).

B. Main Track & Swivel Cable in Seat Bottom

- (1) Insert the cable end through the hole in the cable mount.
- (2) Attach retainer ring onto the cable end.
- (3) Place the wire end into the notch on the operating lever.
- (4) Insert retaining screw and washer.
- (5) Replace the seat pan (refer to Section 2 above).
- (6) Replace the seat cushion.

7. GENERAL CABLE INSTALLATION

- A. Remove the old cables and conduit where necessary (refer to *Disassembly*).
- B. Cut the new wire to the proper length (refer to *Special Tools*, Figure 901, for information on the cutter).
- C. Thread the cable through the conduit, and reinstall the conduit.

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- D. Fasten the conduit where required with retainer rings.
- E. Swage the brass crimp onto the cable end (see *Special Tools Chapter*, Figure 901, for information on the crimper). Insert it into the slot and secure it with safety wire, or thread the cable end through the retainer piece and swage on a brass crimp.
- F. Adjust as required (refer to *Repair*).

8. SEAT BACK INSTALLATION

(refer to IPL Figure 2 & 3)

- A. Place the seat back onto the seat in the vertical position.
- B. Insert the washers, spacers, and the two 3/8 inch screws that fasten the seat to the frame in their proper locations. Tighten the nuts until they are snug. The seat back should move easily at this point.

CAUTION: DO NOT OVERSIZE THE HOLES IN THE SEAT BACK OR FRAME. THEY INTENTIONALLY HAVE A TIGHT FIT IN ORDER TO ELIMINATE PLAY IN THE SEAT BACK.

CAUTION: BE SURE THAT THE WHITE PLASTIC WASHERS ARE PUT ON THE BOLTS IN THEIR PROPER SEQUENCE. (SEE FIGURE 2).

- C. Replace the 1/4 inch bolt attaching the seat back to the recline cylinder. Tighten until the bolt head touches the recline cylinder.

9. BASE SHROUD INSTALLATION

(refer to IPL Figure 2 & 11)

- A. Fasten the two top shrouds together on the base with screws.
- B. Attach the front and side shrouds with rivets.
- C. Snap the ball studs into the catches.

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10. HEADREST INSTALLATION

(refer to IPL Figure 12)

- A. Insert the rods into the mounting holes and push down until the headrest is flush with the top of the backrest.

11. FOOTREST INSTALLATION (if applicable)

(refer to IPL Figure 15)

- A. Insert the tube assembly into the outer tubes.
- B. Install (2) pushers on top of frame assembly with fasteners.
- C. Install latch assembly on top of frame assembly with fasteners.
- D. Push in on the tube assembly until the spring-loaded stop(s) click into place in their locking slot(s) on the outer tubes.

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SPECIAL TOOLS, FIXTURES AND EQUIPMENT

1. SPECIAL TOOLS FOR CABLE REPLACEMENT

NOTE: Equivalent substitutes may be used for listed items.

TOOL	PART NUMBER	SOURCE	APPLICATION
Cutter	Felco C7	Loos & Co. 900 Industrial Blvd. P.O. Box 7515 Naples, FL 33941 (813) 643-5667	Used to cut cable to length.
Crimper	Sava T-185	Sava Industries 70 Riverdale Rd. Riverdale, NJ 07457 (201) 835-0882	Use to swage crimp on to cable ends

**Special Tools for Cable Replacement
TABLE 901**

2. FIXTURES AND EQUIPMENT

- A. No special fixtures or equipment are required for maintenance and repair of the seat.

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ILLUSTRATED PARTS LIST

1. GENERAL

The Illustrated Parts List (IPL) contains information for identification and procurement of replaceable spare parts used on the Cessna 560 LWS Seats designed and manufactured by Aircraft Modular Products. All component assemblies, subassemblies, and detail parts which are considered to be replaceable for reasons of wear, age, or damage are included in the IPL.

2. DETAILED PARTS LIST (DPL)

A. General System of Assembly Order

- (1) The indenture system used in the DPL shows the relationship of one part to another. For a given item, the number of indentures depicts the relationship of the item to the associated installation, next higher assembly, or components of the item as follows:

1 2 3 4 5

Installation

Detail Parts for Installation

Assembly

Attaching parts for assembly

Detail parts for assembly

Subassembly

Attaching parts for subassembly

Detail parts for subassembly

Sub-sub-assembly

Attaching parts for sub-sub-assembly

Detail parts for sub-sub-sub assembly

- (2) The list of attaching parts for an assembly are always bracketed by the "ATTACHING PARTS / ____*____" delimiter. "ATTACHING PARTS" precedes the list of attaching hardware, and "____*____" follows the last item of the attaching parts.
- (3) Generally, if an item has no procurable subassemblies (a simple angle bracket, for instance), then the attaching hardware is listed immediately following the part without indentation or delimiters.

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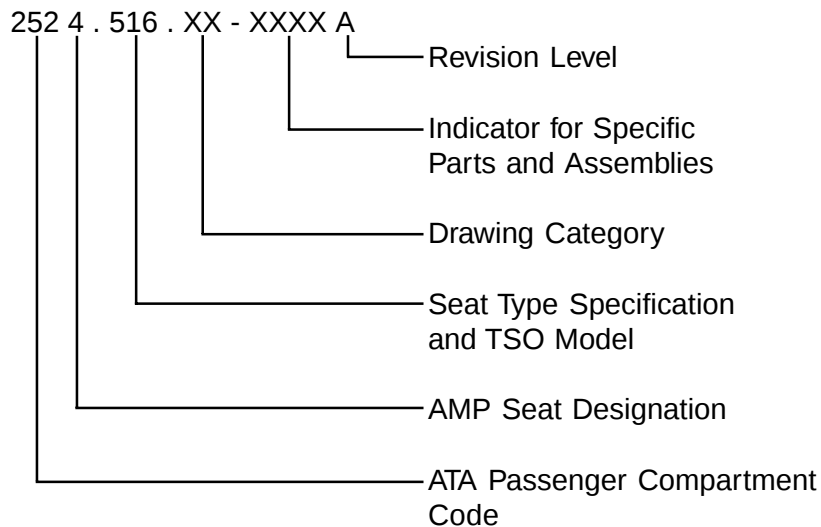
3. INDEX SYSTEMS

- A. The Numerical Index is a complete alpha/numerical listing of all part numbers contained in the DPL. The list is divided into two sections, Numerical List-Numeric, and Numerical List-Alphabetic. The first index contains part numbers whose first digit is numerical, and the latter index contains part numbers whose first digit is an alphabetical character. Entries in these indices refer to the Figure and Item Number in the DPL where each part number appears.

4. PART NUMBERING CONVENTION

- A. Standard Part Numbers

- (1) The part numbering system used by Aircraft Modular Products is derived from the drawing number of the part or assembly. The following is a breakdown of the part number:



- (a) The ATA Passenger Compartment Code is specified in ATA 100. The "25" indicates equipment and furnishings on an aircraft while the "2" indicates that the equipment/furnishings are in the passenger compartment.
- (b) The AMP Seat Designation differentiates the types of seating products, e.g.: "4" for seats, "3" for divans, "5" for beds, etc.
- (c) The Seat Type Specification and TSO Model number ("014") serves two purposes. First, it specifies the seat type: Aluminum Track and Swivel Seat. Second, it reflects the model number for this class of seats used in obtaining the FAA TSO Letter of Certification.

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- (d) The Drawing Category specifies the category of the part or assembly. When this number is "01", it always indicates a final assembly drawing. Any other numbers indicate the part/assembly number and its corresponding drawing number. For example, a "55" would indicate that the part/assembly number and drawing is that of a seat cushion or upholstery item.

NOTE: Since the "01" indicates a final assembly *drawing* only, the actual part *number* for the seat final assembly would drop the "01". Therefore, the part number that appears on the seat is "2524.014(-XXXX)". This is due to FAA regulations listed in FAR 21.605 paragraph (b).

- (e) The Indicator for Specific Parts and Assemblies indicates the difference between parts and assemblies in the same category.

- (f) The final alpha character indicates the revision level of the part.

5. ABBREVIATIONS

- A. Abbreviations are used as follows:

<u>ABBREVIATION</u>	<u>DESCRIPTION</u>
AMP	Aircraft Modular Products
AN	Army-Navy Standard
A/R	As Required: indicates an indefinite quantity.
AR	Arm Rest
ASSY	Assembly
BA	Base Assembly
BS	Base Shroud
DET	Detail
EFF	Effectivity
FIG	Figure
IPL	Illustrated Parts List
ITP	Inner Tracking Plate
MS	Military Standard
NAS	National Aerospace Standard
NHA	Next Higher Assembly
P/N	Part Number
RF	Reference: indicates those parts which have their requirements listed elsewhere in the parts list.
RV	Rivet
SA	Seat Assembly, Green

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A. Abbreviations (cont.):

ABBREVIATION DESCRIPTION

SC	Seat Pan Assembly
SVL	Swivel Assembly
TRK	Tracking Assembly
TSO	Technical Standard Order

6. EFFECTIVITY CODES

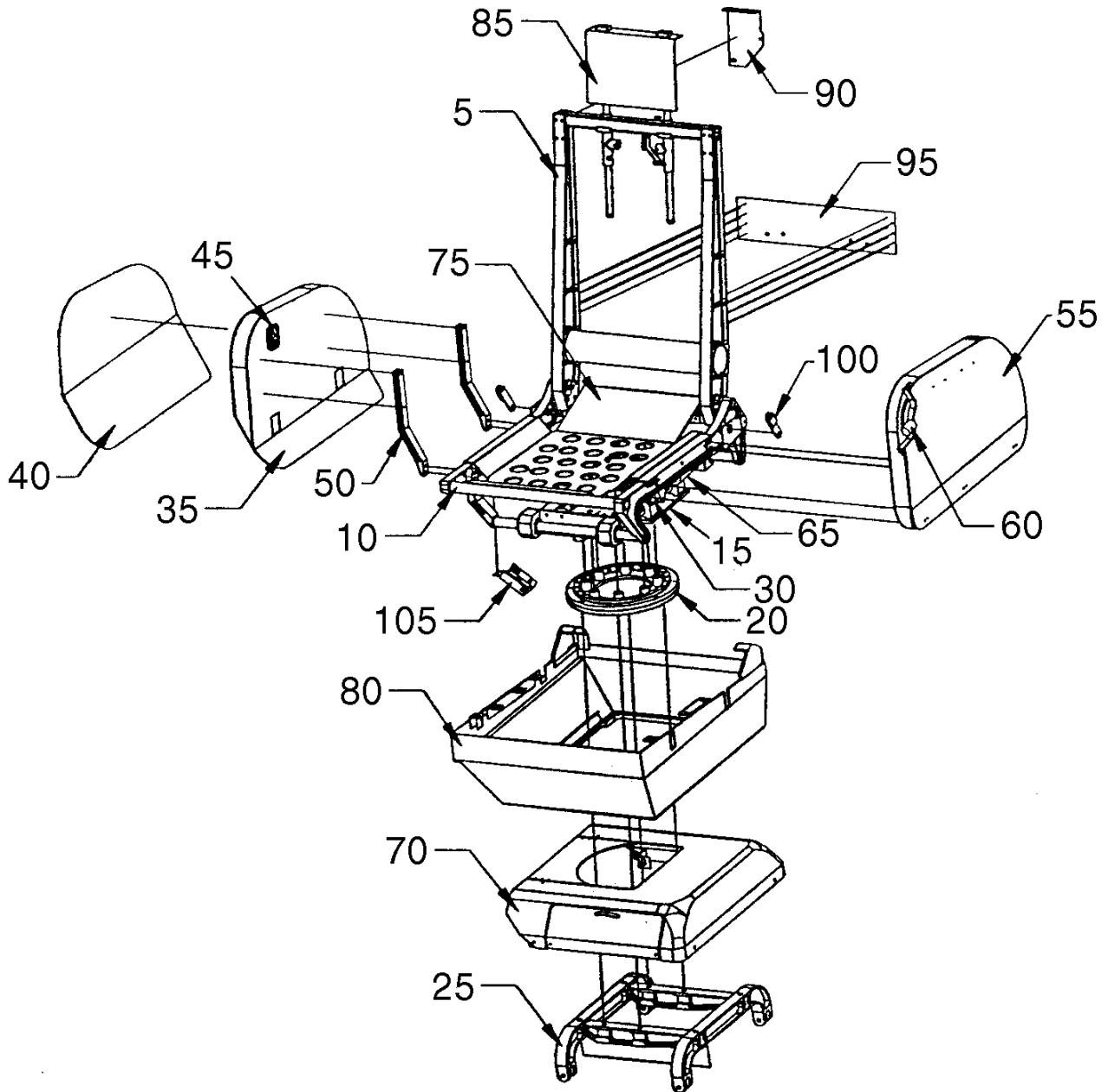
- A. An entry in the EFF CODE column indicates usage of the corresponding part, in the part number column, is restricted. Part numbers without an entry in the EFF CODE column are effective for all assemblies. The effectivity codes are defined in the Detailed Parts List at the bottom of the NOMENCLATURE column on the final page of the applicable parts list. The EFF CODE entry identifies affected parts in the corresponding Figure only. Other Figures may have the same effectivity code with a different definition.

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Cessna 750 Dynamic Seat Assembly

IPL FIGURE 2

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FIG. & ITEM	PART NUMBER	AIRLINE STOCK NUMBER	DESCRIPTION	EFF CODE	UNITS PER ASSY
1-1	2524.516.01-SA		SINGLE DYNAMIC SEAT (REFER TO FIG. 1 FOR NHA) CESSNA		RF
1A	2524.516.01-110A		750 DYNAMIC SEAT (RH FWD, NO OPTIONS)	A	RF
1B	2524.516.01-110B		CESSNA 750 DYNAMIC SEAT (LH FWD, NO OPTIONS)	B	RF
1C	2524.516.01-111A		CESSNA 750 DYNAMIC SEAT (RH FWD, FOOTREST)	C	RF
1D	2524.516.01-111B		CESSNA 750 DYNAMIC SEAT (LH FWD, FOOTREST)	D	RF
1E	2524.516.01-112A		CESSNA 750 DYNAMIC SEAT (RH FWD, LUMBAR)	E	RF
1F	2524.516.01-112B		CESSNA 750 DYNAMIC SEAT (LH FWD, LUMBAR)	F	RF
1G	2524.516.01-113A		CESSNA 750 DYNAMIC SEAT (RH FWD, FOOTREST & LUMBAR)	G	RF
1H	2524.516.01-113B		CESSNA 750 DYNAMIC SEAT (LH FWD, FOOTREST & LUMBAR) _____*____	H	RF
5	2524.516.71-01A		BACKREST, RIGHT HYDROLOC	BDFH	1
	2524.516.71-02A		BACKREST, LEFT HYDROLOC	ACEG	1
			ATTACHING PARTS		
	NAS517-6-31		SCREW		2
	2524.001.71-1181		SPACER, BACKREST PIVOT		2
	WN-3/8W		WASHER, NYLON		2
	IGM#4349		WASHER, NYLON, THIN		2
	AN960-616L		WASHER, THIN		2
	MS21042L6		NUT		2
			_____*____		
10	2524.516.69-03D		SEAT FRAME, LEFT	BDFH	1
	2524.516.69-01D		SEAT FRAME, RIGHT	ACEG	1
			(REFER TO FIG. 4 FOR DET)		
			ATTACHING PARTS (SF TO TRK)		
15	NAS6604-2		BOLT		4
	AN960-416		WASHER		4
			_____*____		
	2524.516.05-09		TRACKING ASSEMBLY		1
			ATTACHING PARTS (TRK TO SVL)		
	NAS6604-20		BOLT (STD SVL)		8
	NAS6604-22		BOLT (DUMMY SVL)		8
	AN960-416L		WASHER, THIN		16
	MS21042L4		NUT		8
			_____*____		
20	2524.506.07-06		SWIVEL ASSEMBLY		1
			ATTACHING PARTS (SVL TO BASE)		
	NAS6604-25		BOLT		4
	NAS517-4-19		SCREW (DUMMY SVL)		4
	AN960-416L		WASHER, THIN		8,4
	MS21042L4		NUT		4
			_____*____		

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CESSNA 750 DYNAMIC SEATS

P/N 2524.516.01-()

FIG. & ITEM	PART NUMBER	AIRLINE STOCK NUMBER	DESCRIPTION	EFF CODE	UNITS PER ASSY
25	2524.561-70-03A 2524.516.70-04A		BASE ASSEMBLY, LS BASE ASSEMBLY, RS (SEE FIG. 5 FOR DET)	BDFH ACEG	1 1
30	2524.001.64-17 NAS6606-13 AN960-616L AN960-616		HYDROLOCK ANCHOR ATTACHING PARTS BOLT WASHER, THIN WASHER ——*——		1 1 1 1
35	2524.001.48-1321B 2524.001.48-1320B		ARMREST, FIXED, RB LEVER, LS ARMREST, FIXED, RB LEVER, RS (SEE FIG. 6 FOR DET)	BDFH ACEG	1 1
40	2524.001.48-1408B		PANEL ASSEMBLY, LS		1
45	2524.001.48-1408B 2524.001.79-05		PANEL ASSEMBLY, RS RECLINE LEVER ASSEMBLY ATTACHING PARTS (LEVER TO ARM)		1 1
	AD4-2		POP RIVET ATTACHING PARTS (ARM TO BRACE)		4
	NAS623-2-14 MS21042L08		SCREW NUT		4 4
50	2524.001.481100B NAS602-8P		ARMBRACE, FIXED ATTACHING PARTS (BRACE TO SF) SCREW ——*——		2 4
55	2524.001.48-1348D 2524.001.48-1347D		ARMREST, RETR, TS RADIAL CTRL, LS ARMREST, RETR, TS RADIAL CTRL, RS (SEE FIG. 7 FOR DET)	BDFH ACEG	1 1
60	2524.001.25-54 2524.001.25-53 NAS601-8P A6-75		CONTROL LEVER ASSEMBLY, LS CONTROL LEVER ASSEMBLY, RS ATTACHING PARTS (LEVER TO ARM) SCREW RIVNUT	BDFH ACEG	1 1 4 4
	NAS602-8P		ATTACHING PARTS (ARM TO SF) SCREW ——*——		4
65	2524.001.01.114 NAS6604-10 S21042L4		RECLINE CYLINDER ATTACHING PARTS BOLT NUT ——*——		1 1 1
70	2524.001.10-6059H 2524.001.10-6060H		BASE SHROUD ASSEMBLY, LS BASE SHROUD ASSEMBLY, RS (SEE FIG. 11 FOR DET) ——*——	BDFH ACEG	1 1
75	2524.516.69-05 2524.516.69-04 2524.516.69-07 2524.516.69-06		SEAT PAN ASSEMBLY, LS SEAT PAN ASSEMBLY, RS SEAT PAN ASSEMBLY, LS SEAT PAN ASSEMBLY, RS ——*——	BF AE DH CG	1 1 1 1

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CESSNA 750 DYNAMIC SEATS

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FIG. & ITEM	PART NUMBER	AIRLINE STOCK NUMBER	DESCRIPTION	EFF CODE	UNITS PER ASSY
80	2524.001.47-1253H		SHROUD ASSEMBLY, LEFT SIDE	BF	1
	2524.001.47-1252H		SHROUD ASSEMBLY, RIGHT SIDE	AE	1
	2524.001.47-1437H		SHROUD ASSEMBLY, LEFT SIDE	DH	1
	2524.001.47-1436H		SHROUD ASSEMBLY, RIGHT SIDE (SEE FIG. 10 FOR DET)	CG	1
	2524.001.58 SC1		ATTACHING PARTS SCREW, FLAT HEAD, #4-4, FRONT		A/R
	2524.001.58 SC2		SCREW, FLAT HEAD, #3-6, REAR		A/R
	2524.001.58 SC3		SCREW, FLAT HEAD, #4-3/8, OUTBD		A/R
	2524.001.58 SC4		SCREW, FLAT HEAD, #4-4, INBD ____*____		A/R
85	2524.001.34-714A		HIDDEN HEADREST (SEE FIG. 12 FOR DET)		1
	2524.001.26-925		INERTIA REEL MOUNT ASSY, LEFT	ACEG	1
	2524.001.26-924		INERTIA REEL MOUNT ASSY, RIGHT	BDFH	1
90	2524001.26-550A		ANGLE, SHOULDER HARNESS, LS	ACEG	1
	2524.001.26-549A		ANGLE, SHOULDER HARNESS, RS	BDFH	1
95	2524.001.26-923B		PLATE, INERTIA REEL MOUNT ATTACHING PARTS		1
	NAS1303-8		BOLT		1
	AN960-10L		WASHER, THIN		1
	NAS43DD3-20		SPACER		1
	ALS7-1032-130		RIVNUT		1
	CR3243-4-2		RIVET, CHERRY MAX ____*____		8
100	2524.001.26-831		SEAT BELT ANCHOR ASSEMBLY ATTACHING PARTS		2
	NAS6605-17		BOLT		2
	AN960-516L		WASHER		4
	MS21042L5		NUT ____*____		2
105	2524.001.26-985		SPLITTER ASSEMBLY, LS	BDFH	1
	2524.001.26-986		SPLITTER ASSEMBLY, RS	ACEG	1
	CR2343-4-4		ATTACHING PARTS RIVET, CHERRY MAX ____*____		4
	N/A		IDENTIFICATION TAG ATTACHING PARTS		1
	ABS AD4-2		RIVET ____*____		A/R
	NO PART NUMBER		TSO TAG ATTACHING PARTS		1
	ABS AD4-1		RIVET ____*____		A/R
	2524.001.26-1261		LUMBAR ASSEMBLY, LS (optional)	DH	1
	2524.001.26-1262		LUMBAR ASSEMBLY, RS (optional) (SEE FIG. 14 FOR DET)	CG	1
	2524.001.12-601G		FOOTREST ASSEMBLY, LS (optional)	FH	1
	2524.001.12-602G		FOOTREST ASSEMBLY, RS (optional) (SEE FIG. 15 FOR DET) ____*____	EG	1

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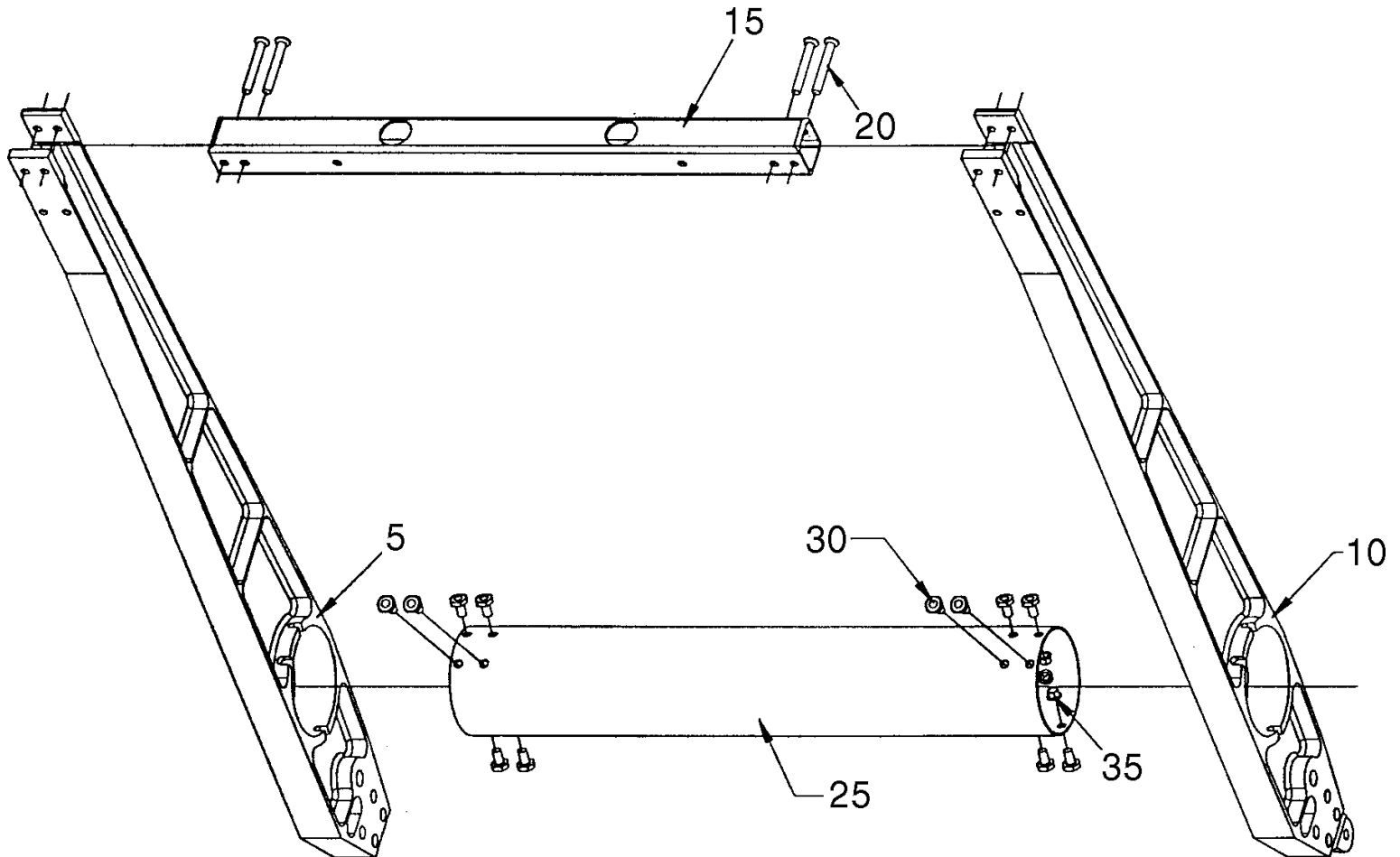
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Backrest Assembly

IPL FIGURE 3

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FIG. & ITEM	PART NUMBER	AIRLINE STOCK NUMBER	DESCRIPTION	EFF CODE	UNITS PER ASSY
2-1	2524.516.71-01A 2524.516.71-02A		BACKREST ASSY, RIGHT HYDROLOC BACKREST ASSY, LEFT HYDROLOC (SEE FIG. 3 FOR DET)	BDFH ACEG	RF RF
5	2524.516.71-1004		SIDE BEAM, NO HYDROLOC		1
10	2524.516.71-1003		SIDE BEAM, HYDROLOC		1
15	2524.515.03-206		TOP BEAM		1
20	NAS517-3-17		ATTACHING PARTS SCREW ——*——		4
25	2524506.03-1019		TORQUE TUBE ATTACHING PARTS		1
30	NAS6603-4		BOLT		12
35	MA21042L3		NUT ——*——		12

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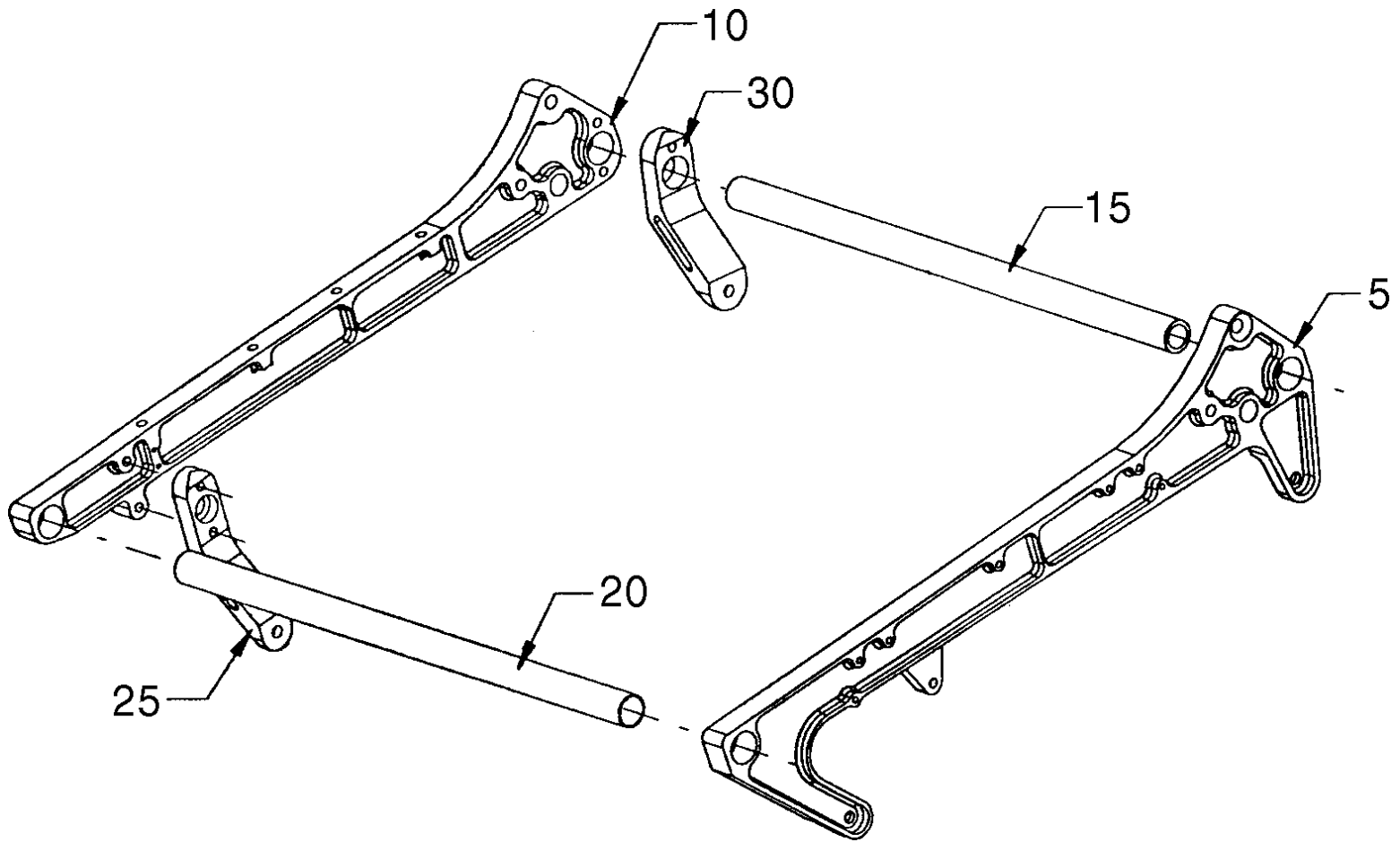
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Seat Frame Assembly

IPL FIGURE 4

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FIG. & ITEM	PART NUMBER	AIRLINE STOCK NUMBER	DESCRIPTION	EFF CODE	UNITS PER ASSY
3-1	2524.516.69-03D 2524.516.69-01D		SEAT FRAME, LEFT SEAT FRAME, RIGHT (SEE FIG. 4 FOR DET)	BDFH ACEG	RF RF
5	2524.516.69-1023		RAIL, LEFT SIDE	BDFH	1
10	2524.516.69-1025 2524.516.69-1024		RAIL, LEFT SIDE RAIL, RIGHT SIDE	ACEG BDFH	1 1
15	2524.516.69-1022 2524.516.69-364		RAIL, RIGHT SIDE TUBE, FRONT	ACEG	1 1
20	2524.516.69-897		TUBE, REAR		1
25	2524.516.69-1014 2524.516.69-1015		LEG, FRONT LEG, REAR		1 1
	CR3242-5-A/R CR3243-5-A/R NAS6604-12		ATTACHING PARTS RIVET, C'SINK, CHERRY MAX RIVET, C'SINK, CHERRY MAX BOLT ____*____		A/R A/R 4

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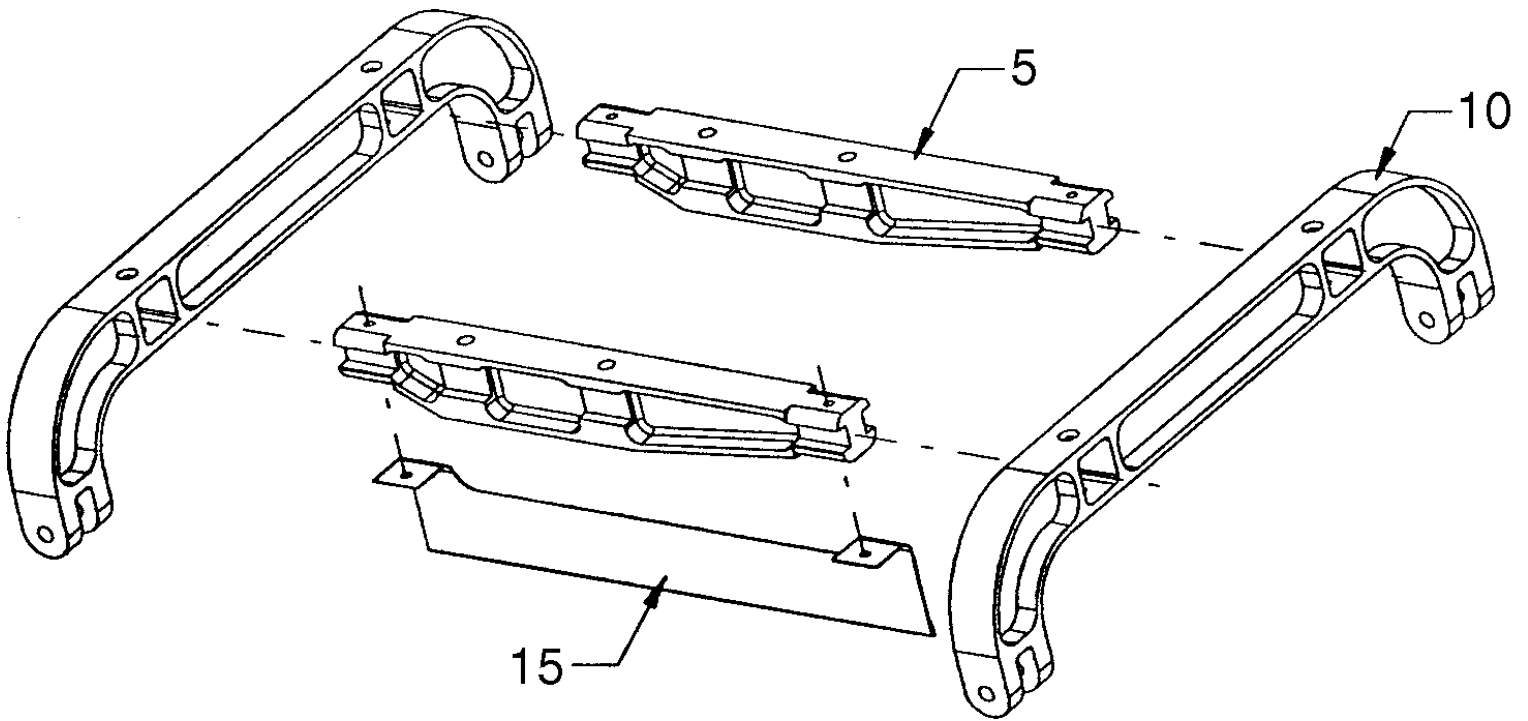
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Base Assembly

IPL FIGURE 5

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FIG. & ITEM	PART NUMBER	AIRLINE STOCK NUMBER	DESCRIPTION	EFF CODE	UNITS PER ASSY
4-1	2524.516.70-03A 2524.516.70-04A		BASE ASSEMBLY, LS BASE ASSEMBLY, RS (SEE FIG. 5 FOR DET)		RF RF
5	2524.516.70-1017A		SPAR, BASE		2
10	2524.516.70-1018		RAIL, BASE		2
15	2524.001.10-6085		BRACE, LV STORAGE		1
	NAS517-3-20		ATTACHING PARTS		
	AN960-10L		SCREW		4
	MS21042L3		WASHER		8
			NUT		4
			_____*____		

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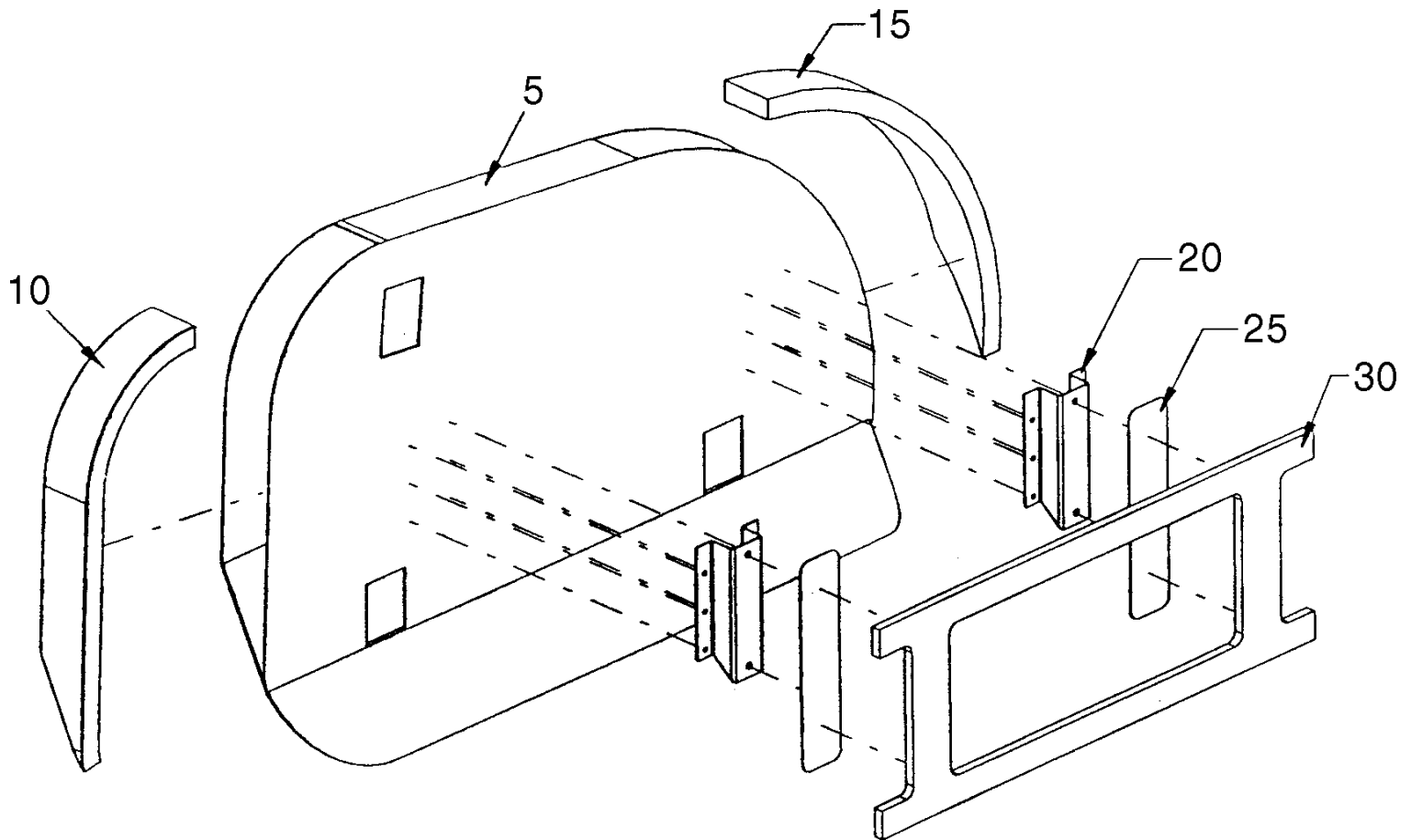
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Fixed Armrest Assembly

IPL FIGURE 6

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FIG. & ITEM	PART NUMBER	AIRLINE STOCK NUMBER	DESCRIPTION	EFF CODE	UNITS PER ASSY
5-1	2524.001.48-1321B 254.001.48-1320B		ARMREST, FIXED, RB LEVER, LS ARMREST, FIXED, RB LEVER, RS (SEE FIG. 6 FOR DET)	BDFH ACEG	RF RF
5	2524.001.48-1351D		MAIN PANEL, FIXED, LS	BDFH	1
	2524.001.48-1350D		MAIN PANEL, FIXED, RS	ACEG	1
10	2524.001.48-1197B		FRONT PANEL, FIXED, LS	BDFH	1
	2524.001.48-1094B		FRONT PANEL, FIXED, RS	ACEG	1
15	2524.001.48-1099B		REAR PANEL, FIXED, LS	BDFH	1
	2524.001.48-1095B		REAR PANEL, FIXED, RS	ACEG	1
20	2524.001.48-1489B		CHANNEL, FIXED		2
25	2524.001.48-1099B		SKIN, ARMREST SUPPORT		2
30	2524.001.48-1098B		PANEL		1
	2524.001.58-1105B		SUPPORT PANEL		2
	2524.001.79-317		BALL STUD CATCH SPRING		1
			SPRING ASSEMBLY		
	ABS-AD4-A/R		ATTACHING PARTS		12
			RIVET		
			——*——		

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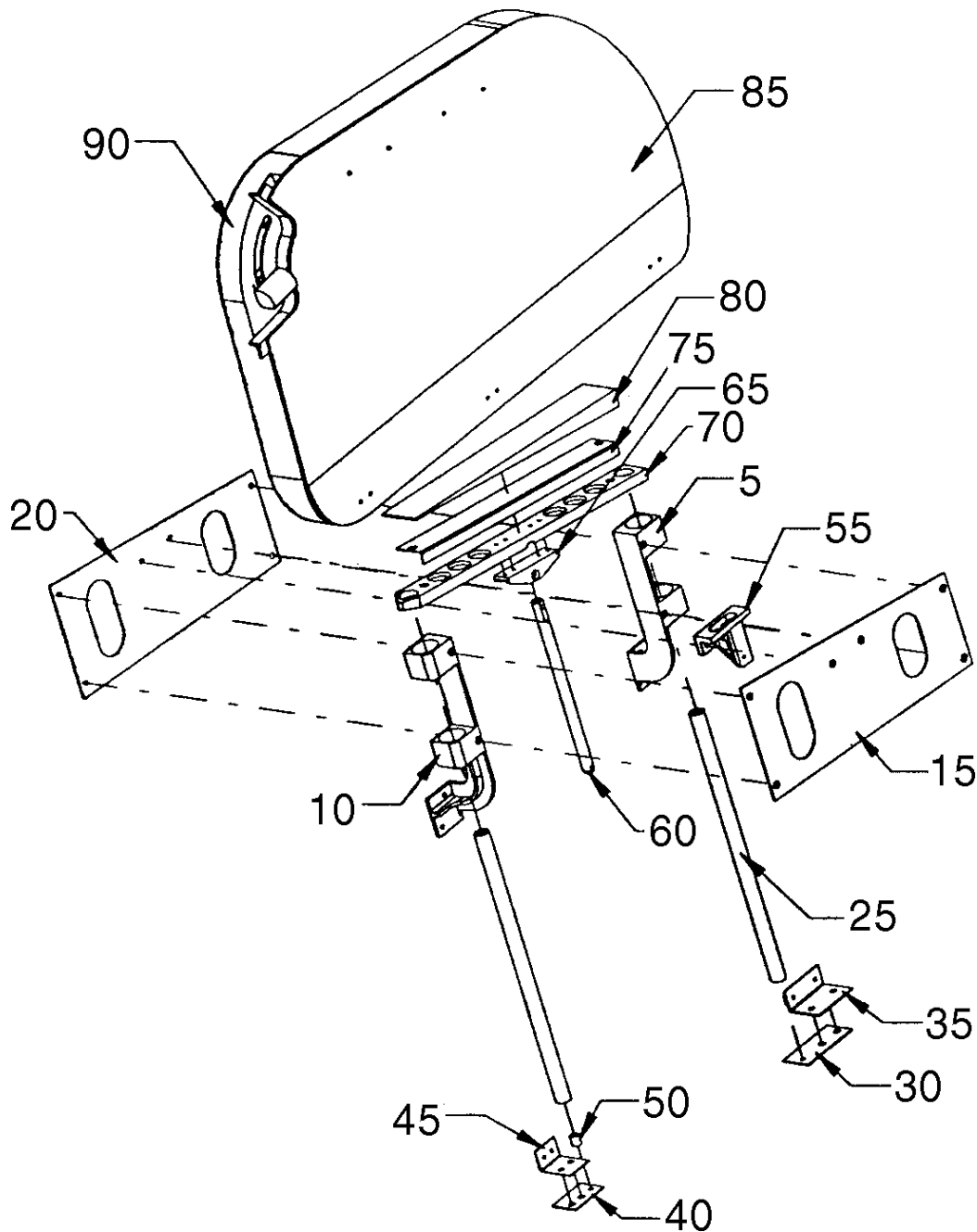
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Retractable Armrest Assembly

IPL FIGURE 7

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FIG. & ITEM	PART NUMBER	AIRLINE STOCK NUMBER	DESCRIPTION	EFF CODE	UNITS PER ASSY
6-1	2524.001.48-1347D 2524.001.48-1348D		ARMREST, RETR, TS RADIALCTRL, LS ARMREST, RETR, TS RADIAL CTRL, RS (SEE FIG. 7 FOR DET)	ACEG BDFH	RF RF
5	2524.001.48-1479A		ARM BRACE, FRONT, LS	ACEG	1
10	2524.001.48-1478A 2524.001.48-1481A		ARM BRACE, FRONT, RS ARM BRACE, REAR, LS	BDFH ACEG	1 1
15	2524.001.48-1480A		ARM BRACE, REAR, RS	BDFH	1
20	2524.001.48-1483A 2524.001.48-1482A		PLATE BRACE, LS PLATE BRACE, RS ATTACHING PARTS		1 1
	NAS517-2-00		SCREW _____*____		8
25	2524.001.48-1282		TUBE ASSEMBLY		2
	2524.001.48-1225		LINEAR BEARING		4
	5-1210		SPRING		3
30	2524.001.48-461C		PLATE, BOTTOM, REAR		1
35	2524.001.48-1248		ANGLE ASSEMBLY, REAR		1
40	2524.001.48-1244		PLATE, BOTTOM, FRONT		1
45	2524.001.48-1246		ANGLE ASSEMBLY, FRONT		1
50	NAS 43DD3-22		SPACER		1
	NAS602		ATTACHING PARTS		
	AN960		SCREW (ANGLE TO PLATE)		A/R
	ABS4		WASHER		A/R
			RIVET (ANGLE TO SHROUD) _____*____		4
50	2524.001.48-457A		LOCK BODY ASSEMBLY		1
	NAS517-2-5		ATTACHING PARTS		
	AN960		SCREW		A/R
			WASHER _____*____		A/R
60	2524.001.48-419C		LOCK ROD		1
65	2524.001.48-424A		LOCK ROD ANCHOR _____*____		1
70	2524.001.48-456B		BRACE, TOP		1
75	2524.001.48-1401A		HANDLE, PANEL		1
80	2524.001.48-1264		WEDGE _____*____		1
85	2524.001.48-1343C 2524.001.48-1344C		DETACHABLE PANEL ASSY, LS DETACHABLE PANEL ASSY, RS _____*____	ACEG BDFH	1 1
90	2524.001.48-1345C 2524.001.48-1346C		SHROUD ASSY, RETR ARM, LS SHROUD ASSY, RETR ARM, RS	ACEG BDFH	1 1

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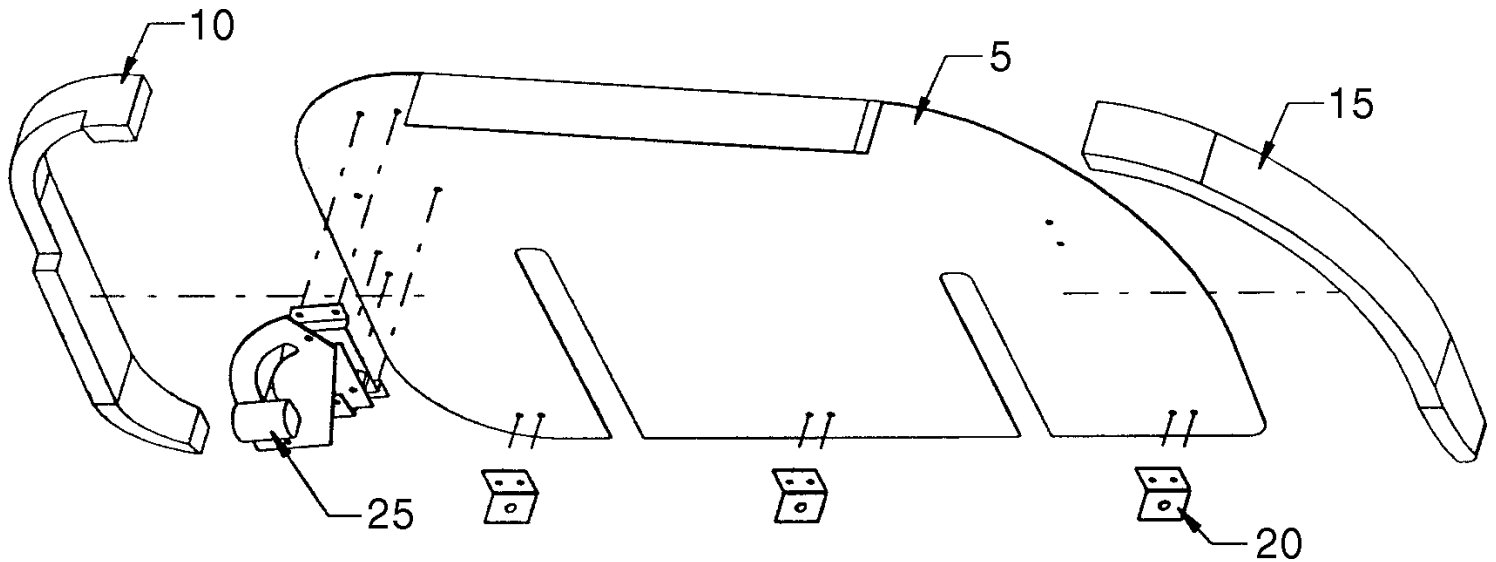
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Retractable Armrest Shroud Assembly

IPL FIGURE 8

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FIG. & ITEM	PART NUMBER	AIRLINE STOCK NUMBER	DESCRIPTION	EFF CODE	UNITS PER ASSY
7-1	2524.001.48-1345C 2524.001.48-1346C		SHROUD ASSY, RETR ARM, LS SHROUD ASSY, RETR ARM, RS (SEE FIG. 8 FOR DET)	ACEG BDFH	RF RF
5	2524.001.48-1233F		MAIN PANEL, LS	ACEG	1
10	2524.001.481232F		MAIN PANEL, RS	BDFH	1
	2524.001.48-1089B		FRONT PANEL, LS	ACEG	1
	2524.001.48-1190B		FRONT PANEL, RS	BDFH	1
15	2524.001.48-1090B		REAR PANEL, LS	ACEG	1
	2524.001.48-1192B		REAR PANEL, RS	BDFH	1
	ABS-4		ATTACHING PARTS RIVET ——*——		A/R
20	2524.001.48-1400		ANGLE ASSEMBLY		3
	ABS-4		ATTACHING PARTS RIVET ——*——		A/R
25	2524.001.25-53		CONTROL ASSY, LS	ACEG	1
	2524.001.25-52		CONTROL ASSY, RS	BDFH	4
	NAS601		ATTACHING PARTS SCREW		4
	A6-75		RIVNUT ——*——		

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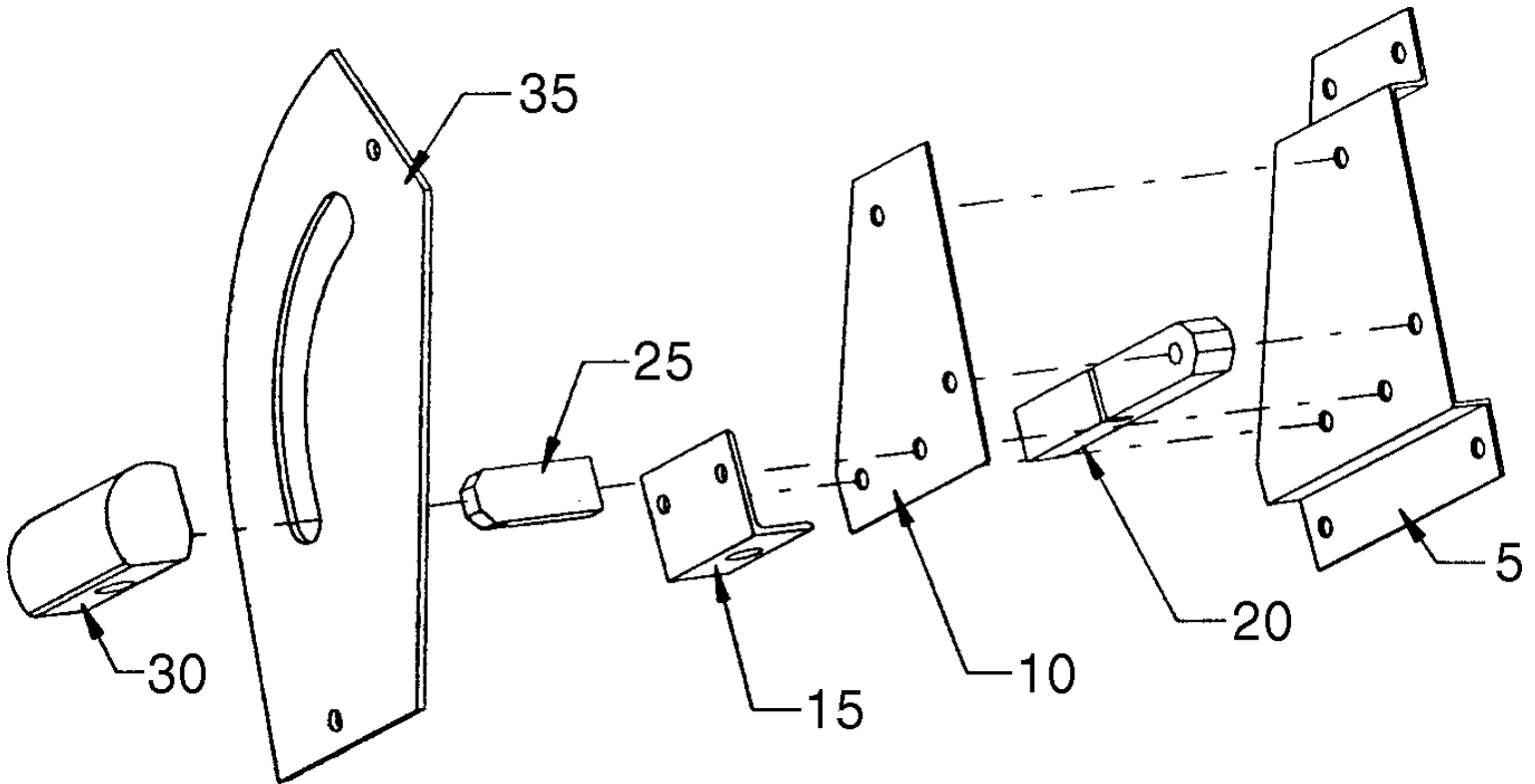
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Swivel & Tracking Control Assembly

IPL FIGURE 9

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FIG. & ITEM	PART NUMBER	AIRLINE STOCK NUMBER	DESCRIPTION	EFF CODE	UNITS PER ASSY
8-1	2524.001.25-53 2524.001.25-52		CONTROL ASSY, LS CONTROL ASSY, RS (SEE FIG. 9 FOR DET)	ACEG BDFH	RF RF
5	2524.001.25-457 2524.001.25-458		PIVOT BRACKET, LS PIVOT BRACKET, RS	ACEG BDFH	1 1
10	2524.001.25-459		PIVOT PLATE		1
15	2524.001.25-202D		CABLE MOUNT		1
20	2524.001.25-454		ROD, PIVOT (BTW PLATE & BRACKET) ATTACHING PARTS SCREW NUT WASHER SPACER, NYLON RIVET ——*——		1 1 1 3 3
25	2524.001.25-455A		PIVOT, HANDLE SIDE		1
30	2524.001.25-453		HANDLE		1
35	2524.001.25-533A 2524.001.25-452A		FACE PLATE, LS FACE PLATE, RS ——*——	ACEG BDFH	1 1

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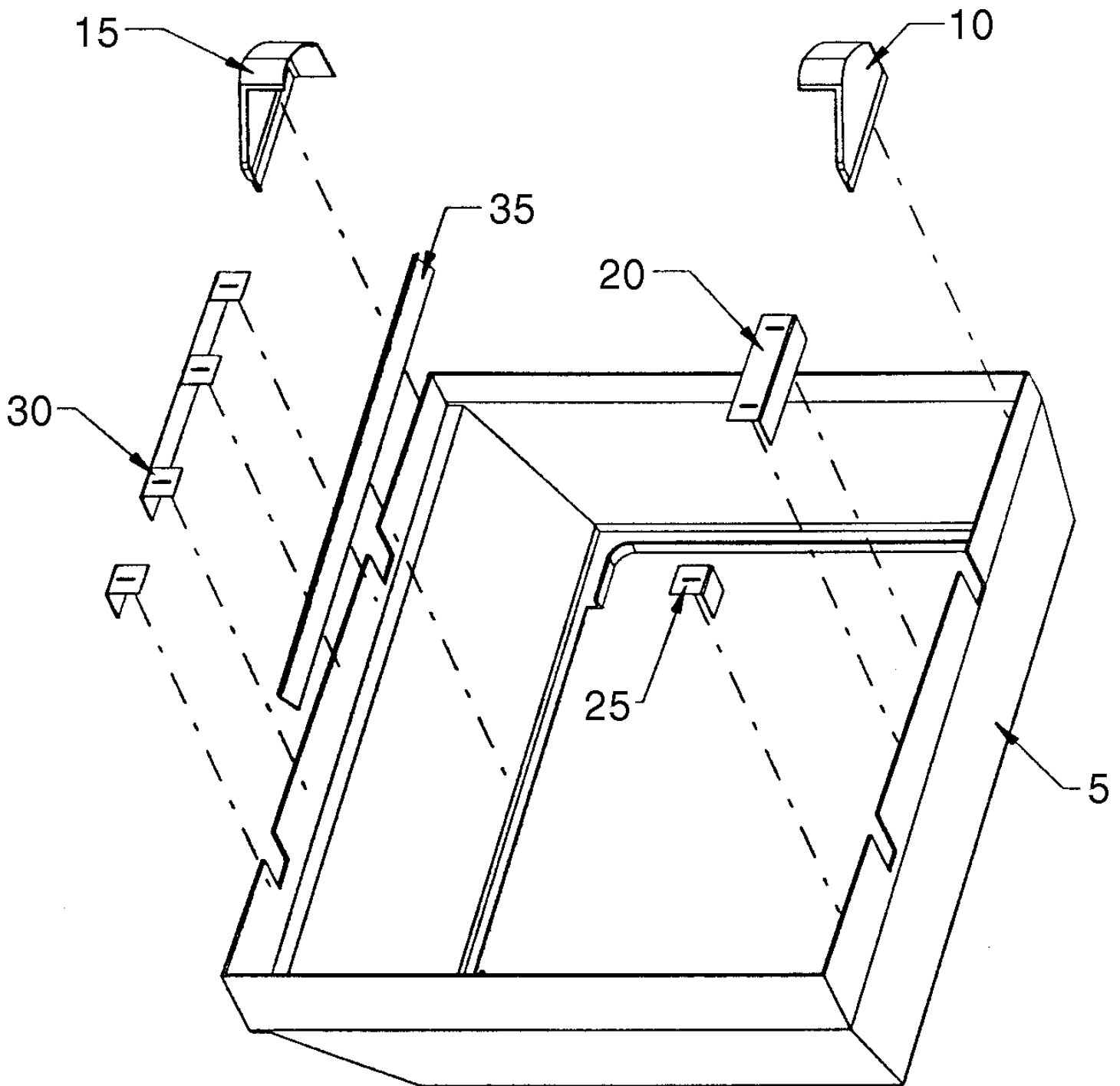
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Shroud Assembly

IPL FIGURE 10

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FIG. & ITEM	PART NUMBER	AIRLINE STOCK NUMBER	DESCRIPTION	EFF CODE	UNITS PER ASSY
9-1	2524.001.47-1253H 2524.001.47-1252H 2524.001.47-1437H 2524.001.47-1436H		SHROUD ASSY, LS SHROUD ASSY, RS SHROUD ASSY, LS SHROUD ASSY, RS (SEE FIG. 10 FOR DET)	BF AE DH CG	RF RF RF RF
5	2524.001.47-1253H 2524.001.47-1252H 2524.001.47-1437H 2524.001.47-1436H		SHROUD, MAIN SHROUD, MAIN SHROUD, MAIN SHROUD, MAIN	BF AE DH CG	1 1 1 1
10	2524.001.47-1609		PIVOT COVER, SHROUD, LS		1
15	2524.001.47-1608		PIVOT COVER, SHROUD, RS		1
20	2524.001.47-489B		ANGLE, SHROUD, 3.75 LG		1
25	2524.001.47-487B		ANGLE, SHROUD, 1.00 LG		2
30	2524.001.47-1607 2524.001.47-1606		ANGLE, SHROUD, 8.00 LG, LS ANGLE, SHROUD, 8.00 LG, RS	BDGH ACEG	1 1
35	2524.001.47-469 2524.001.47-488 2524.001.47-461		ANGLE FLANGE, 2.20 LG STRIP _____*	AE	1 2 A/R

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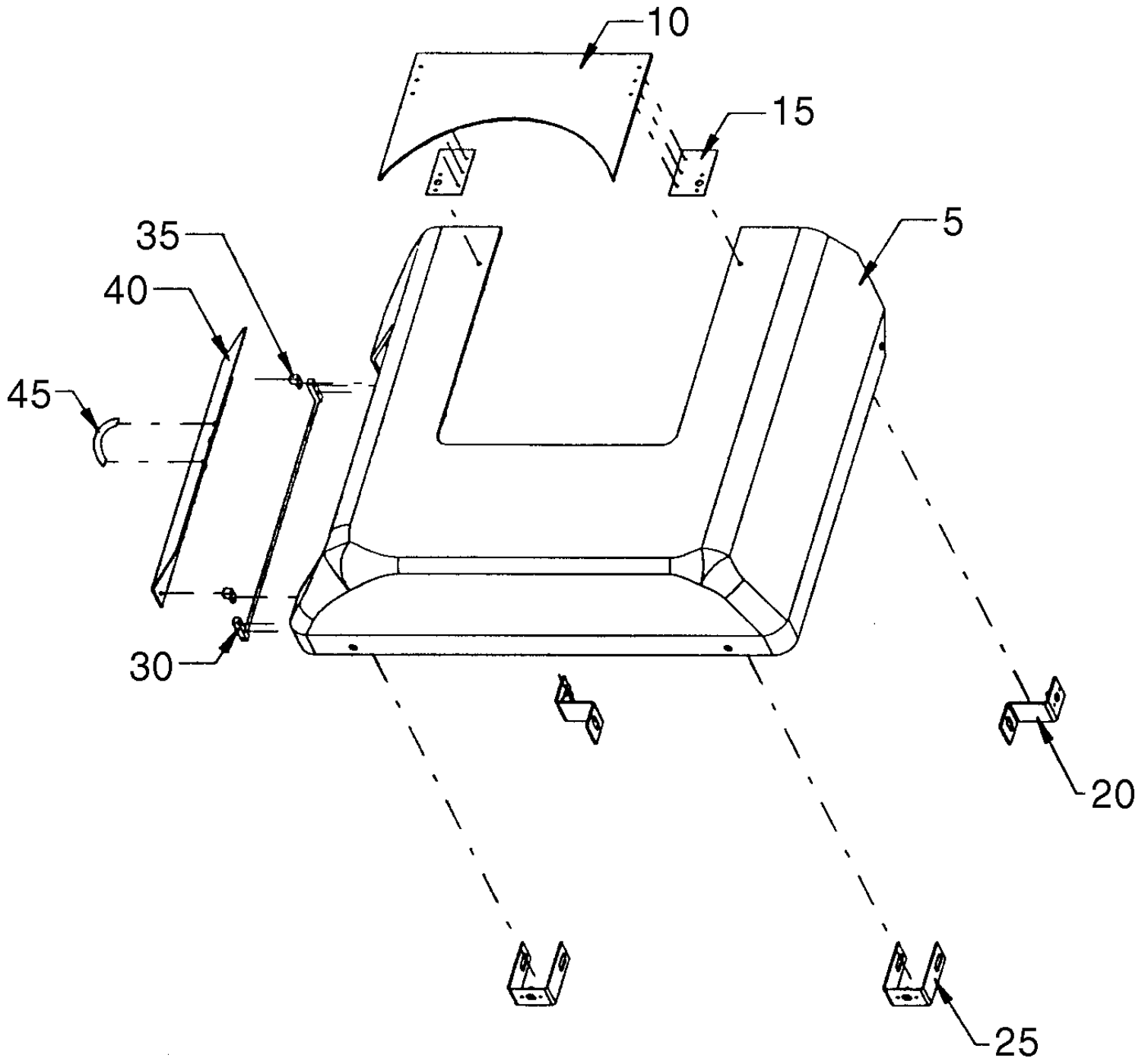
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CESSNA 750 DYNAMIC SEATS

P/N 2524.516.01-()



Base Shroud Assembly

IPL FIGURE 11

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FIG. & ITEM	PART NUMBER	AIRLINE STOCK NUMBER	DESCRIPTION	EFF CODE	UNITS PER ASSY
10-1	2524.001.10-6059H 2524.001.10-6060H		BASE SHROUD ASSY, LS BASE SHROUD ASSY, RS (SEE FIG. 11 FOR DET)	BDFH ACEG	RF RF
5	2524.001.10-6065F		SHROUD, MAIN PANEL, LS	BDFH	1
10	2524.001.10-6066F		SHROUD, MAIN PANEL, RS	ACEG	1
15	2524.001.10-6069A		SHROUD, TOP COVER		1
	2524.001.10-6079		PLATE ASSY, LS		1
	2524.001.10-6072		PLATE ASSY, RS		1
			ATTACHING PARTS		
	NAS602-6P		SCREW		2
	AN960-XX		WASHER		2
			RIVET		6
	ABS4-4		____*____		
			ANGLE ASSY, FRONT/REAR		2
20	2524.001.10-6056A		CHANNEL ASSY		2
25	2524.001.10-6057		____*____		
			HINGE ASSY		1
30	2524.001.10-6089A		HINGE RECEPTACLE		2
35	2524.001.10-6087A		DOOR, SHROUD		1
40	2524.001.10-6070D		ATTACHING PARTS		
			RIVET		4
	ABS4-4		____*____		
			HANDLE, BASE		1
45	2524.001.10-6102		ATTACHING PARTS		
			SCREW		2
	NAS601-4P		WASHER		2
	AN960-XX		____*____		

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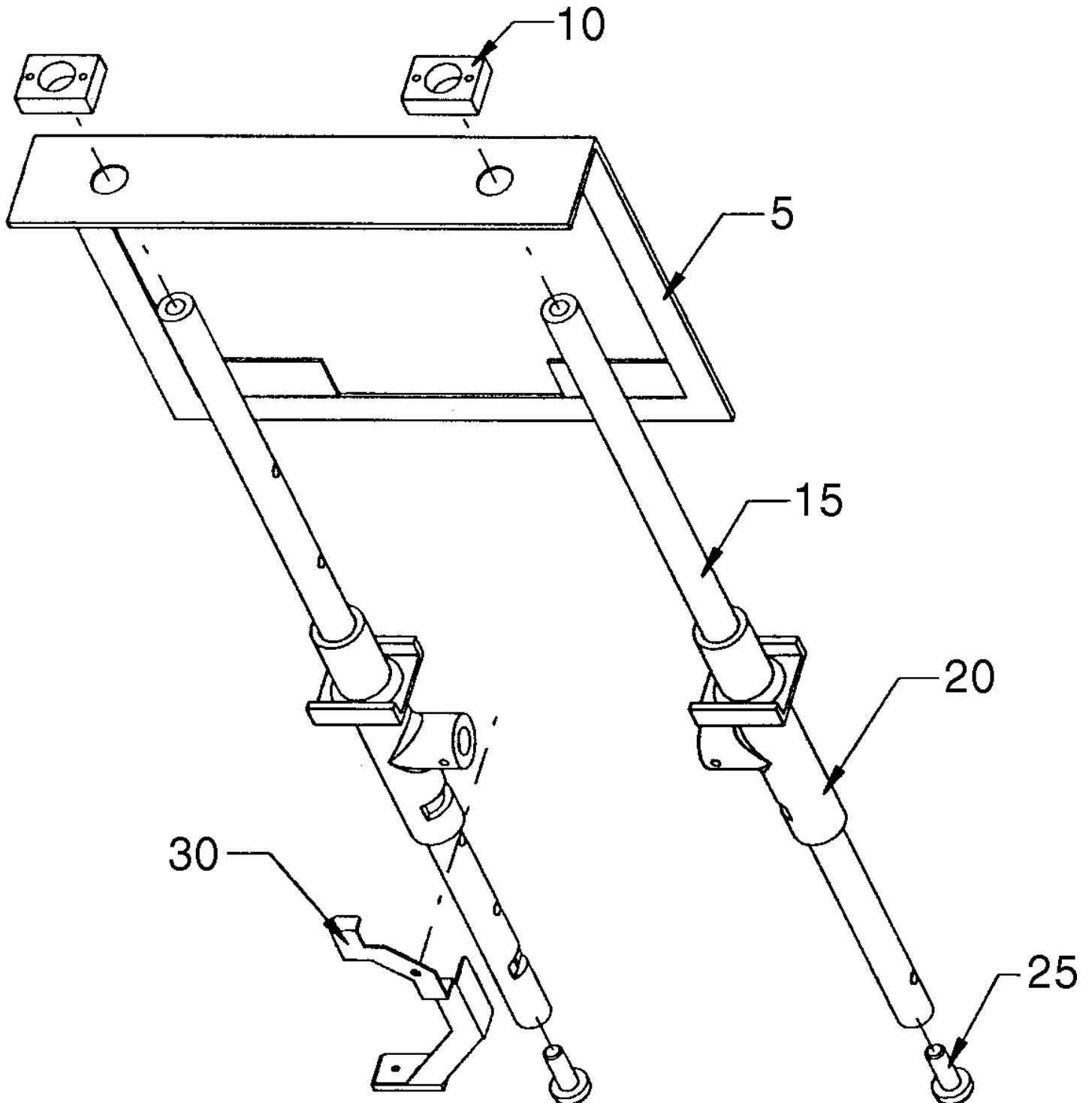
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Hidden Headrest Assembly

IPL FIGURE 12

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FIG. & ITEM	PART NUMBER	AIRLINE STOCK NUMBER	DESCRIPTION	EFF CODE	UNITS PER ASSY
11-1	2524.001.34-714A		HIDDEN HEADREST (SEE FIG. 12 FOR DET)		RF
5	2524.001.34-515G		ANGLE, HIDDEN HEADREST		1
10	2524.001.34-618		NUT		2
	CCR264CS3-6		ATTACHING PARTS RIVET, CHERRY _____*____		4
15	2524.001.34-675		TUBE, HIDDEN HEADREST, LS		1
	2524.001.34-715		TUBE, HIDDEN HEADREST, RS		1
20	2524.001.34-752A		GUIDE ASSY		2
25	2524.001.26-974		END PLUG		2
	MS21083D8		ATTACHING PARTS		
	MS20364D1216		NUT		2
			NUT		4
			_____*____		
30	2524.001.34-821		HEADREST LEVER LOCK ASSY		1
	2524.001.58 174		SPRING, EXTENSION		1
			ATTACHING PARTS		
	ABS AD4-2		RIVET		1
	ABS AD4-5		RIVET		1
	RSN6-4		SPACER		1
			_____*____		

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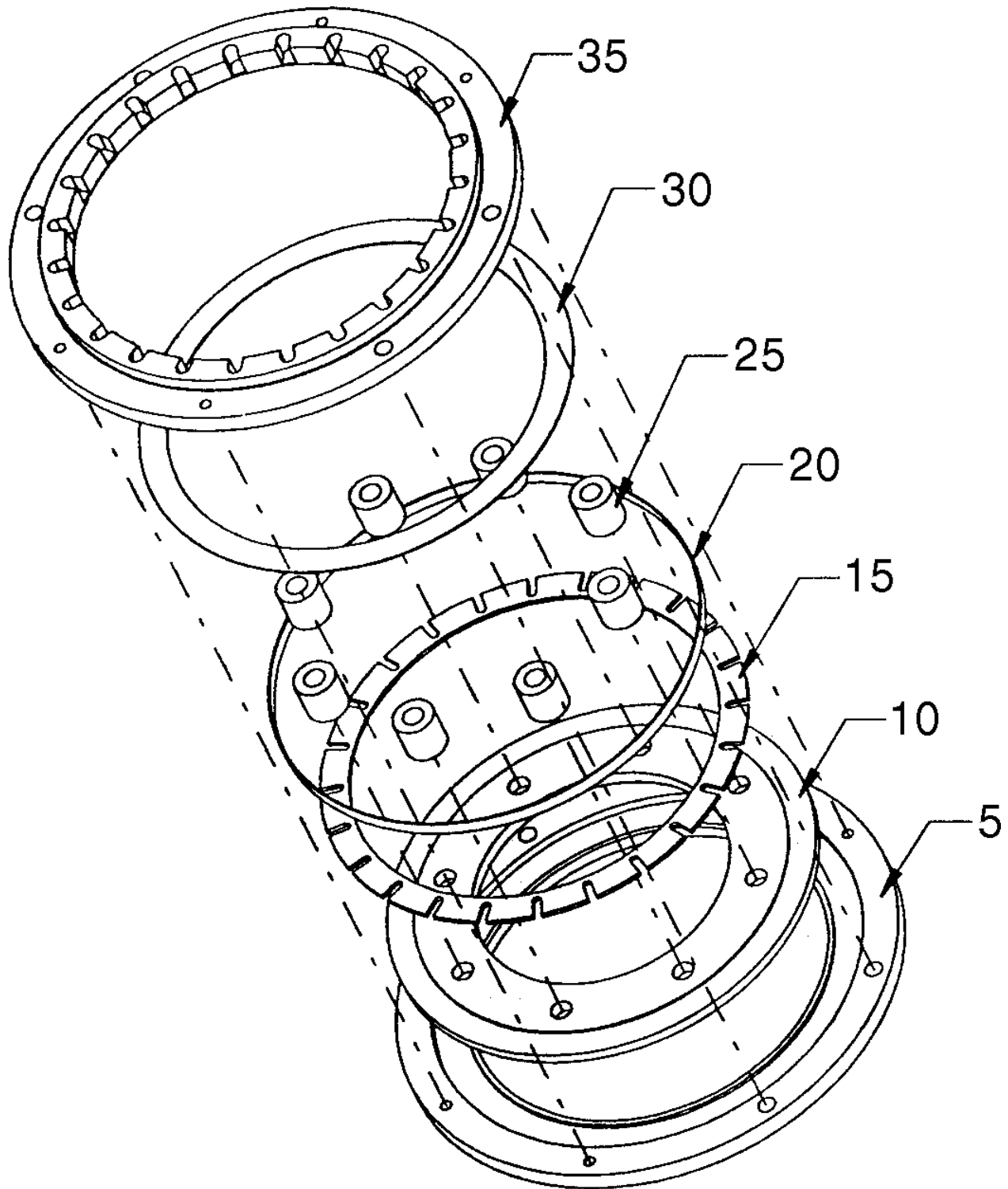
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Swivel Assembly

IPL FIGURE 13

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FIG. & ITEM	PART NUMBER	AIRLINE STOCK NUMBER	DESCRIPTION	EFF CODE	UNITS PER ASSY
12-1	2524.506.07-06		SWIVEL (SEE FIG. 13 FOR DET)		RF
5	2524.506.07-1003A		SWIVEL PLATE, BOTTOM		1
10	2524.506.07-1001H		SWIVEL PLATE		1
15	2524.506.07-1005C		BEARING TRACK		1
20	2524.506.07-118		STRIP		1
25	2524.506.07-1014A		SPACER		8
30	2524.506.07-06-05		BEARING		1
35	2524.506.07-1031		TOP LOCKING RING		1
			ATTACHING PARTS		
	2524.506.07-1003A		PIN, NAS607-2-3		24
			——*——		

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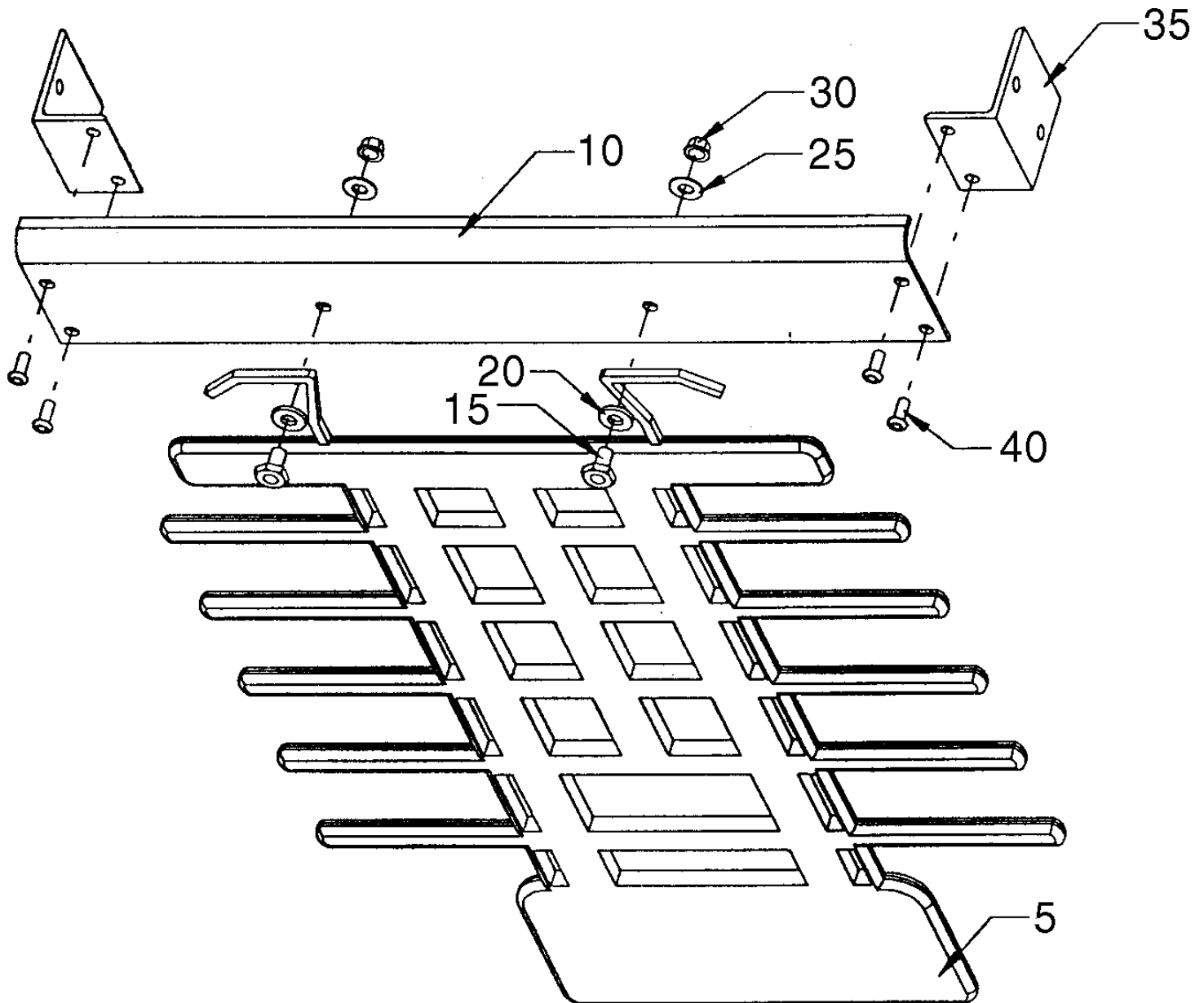
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Lumbar Support Assembly

IPL FIGURE 14

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FIG. & ITEM	PART NUMBER	AIRLINE STOCK NUMBER	DESCRIPTION	EFF CODE	UNITS PER ASSY
13-1	2524.001.26-1261 2524.001.26-1261		LUMBAR ASSY, LS LUMBAR ASSY, RS (SEE FIG. 14 FOR DET)		RF RF
5	2524.001.26-1261		LUMBAR SUPPORT MECHANISM, LS		1
10	2524.001.26-1261 2524.001.26-1261		LUMBAR SUPPORT MECHANISM, RS BRACE, LUMBAR SUPPORT ATTACHING PARTS		1 1 1
15	NAS6603-4		BOLT		2
20	AN960-10		WASHER		2
25	AN960-10L		WASHER		2
30	MS21042-L3		NUT _____*____		2
35	2524.001.26-1259		ANGLE ATTACHING PARTS		2
40	CR3243-5-3		RIVET _____*____		4

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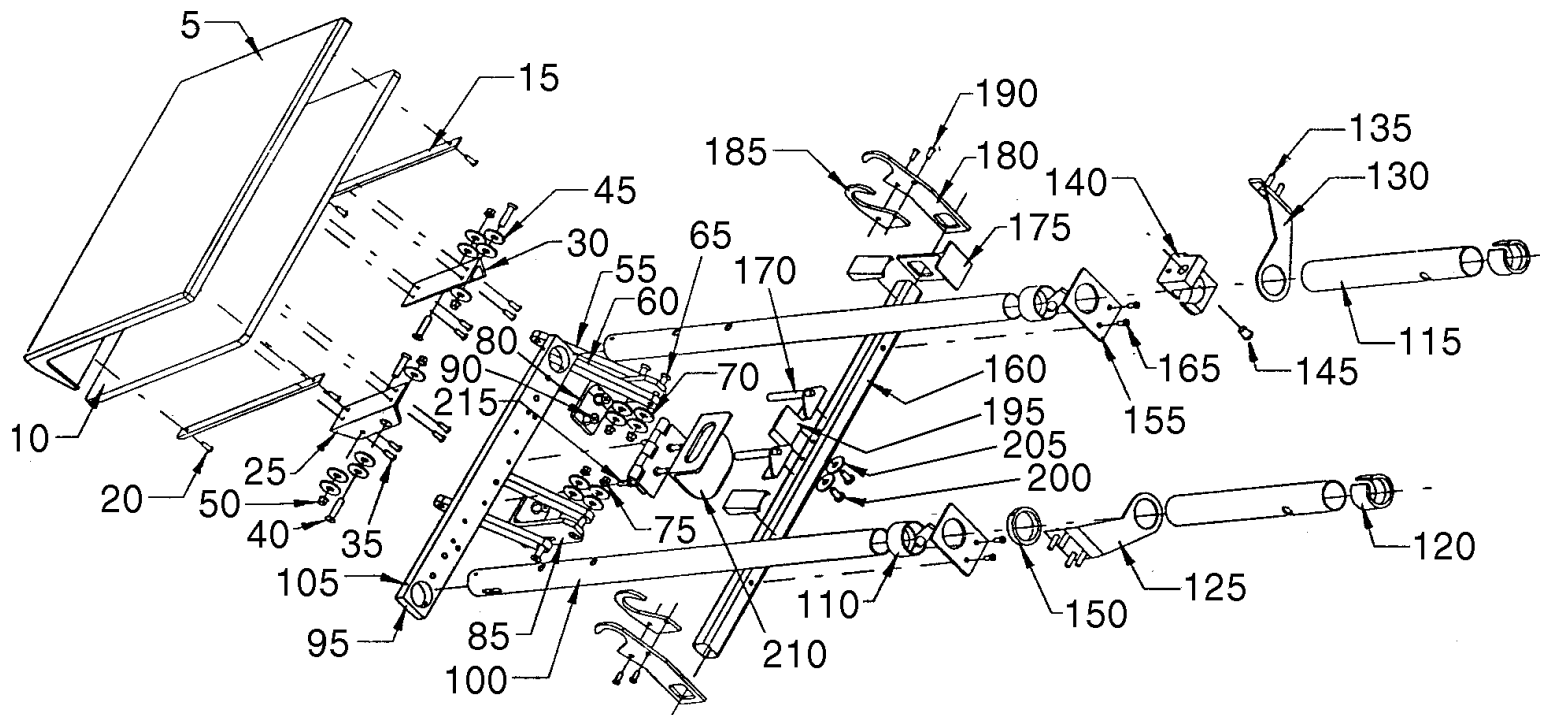
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Footrest Assembly

IPL FIGURE 15

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FIG. & ITEM	PART NUMBER	AIRLINE STOCK NUMBER	DESCRIPTION	EFF CODE	UNITS PER ASSY
15-1	2524.001.12-601G 2524.001.12-602G		FOOTREST ASSY, LS (optional) FOOTREST ASSY, RS (optional) (SEE FIG. 15 FOR DET)	FH EG	RF RF
5	2524.001.12-696		COVER, UPHOLSTERY, FOOTREST		1
10	2524.001.12-661		PLATFORM, FOOTREST		1
15	2524.001.12-664B		SLIDE, FOOTREST, PLATFORM		2
20	CR3242-4-A/R		ATTACHING PARTS RIVET ——*——		4
25	2524.001.12-188		ANGLE, PLATFORM, LS		1
30	2524.001.12-192		ANGLE, PLATFORM, RS ATTACHING PARTS		1
35	CR3242-4-A/R		RIVET		8
40	NAS517-3-7		SCREW		4
45	WN-10W		WASHER		10
50	MS21042-L3		NUT ——*——		4
55	2524.001.12-662A		ARM, FOOTREST, 4.00 LG		2
60	2524.001.12-663A		ARM, FOOTREST, 4.16 LG ATTACHING PARTS		2
65	NAS517-3-7		SCREW		4
70	WN-10W		WASHER		8
75	MS21042-L3		NUT ——*——		4
80	2524.001.12-698		ANGLE, RS		1
85	2524.001.12-697		ANGLE, LS ATTACHING PARTS		1
90	NAS517-3-1		SCREW ——*——		4
95	2524.001.12-652G		FRONT MOUNTING PLATE ——*——		1
100	2524.001.12-631D		TUBE, INNER ATTACHING PARTS		2
105	MS16562-37		PIN, ROLL ——*——		2
110	2524.001.12-321		BUSHING, OUTER		2
115	2524.001.12-577C		TUBE, OUTER		2
120	2524.001.12-654		BUSHING, OUTER, SLOT ——*——		2
125	2524.001.12-667B 2524.001.12-666B		SUPPORT, TUBE, LS SUPPORT, TUBE, RS	EG FH	1 1
130	2524.001.12-669A 2524.001.12-668A		SUPPORT TUBE, LS SUPPORT TUBE, RS ATTACHING PARTS	EG FH	1 1
135	NAS602-7P		SCREW ——*——		6

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FIG. & ITEM	PART NUMBER	AIRLINE STOCK NUMBER	DESCRIPTION	EFF CODE	UNITS PER ASSY
140	2524.001.12-611C		BLOCK, FOOTREST, LS	FH EG	1
	2524.001.12-620C		BLOCK, FOOTREST, RS		1
145	2524.001.34-133		BULLET CATCH		1
			ATTACHING PARTS		
	2524.001.04-102		SCREW, SET, #10-32		1
			——*——		
150	2524.001.05-2771		SLEEVE, SET SCREW		1
			ATTACHING PARTS		
	2524.001.58-1109		SCREW, SET, #6-32		1
			——*——		
155	2524.001.12-578A		PLATE, FOOTREST		2
160	2524.001.12-616C		TUBE, FOOTREST MOUNT		1
			ATTACHING PARTS		
165	CR3243-5-A/R		RIVET		4
			——*——		
170	A32022-1		PUSHER, ACTRON		2
			ATTACHING PARTS		
	2524.001.20 163		SCREW		4
			——*——		
175	2524.001.12-619		BRACE, TEE, FOOTREST MOUNT		1
			——*——		
180	2524.001.12-618		PLATE, S/F ATTACH, HOOK		2
185	2524.001.12-594		PLATE, S/F ATTACH, HOOK, CLOSEOUT		2
			ATTACHING PARTS		
190	CR3242-5-4		RIVET		4
			——*——		
195	2524.001.12-707A		BLOCK, LOCK, FOOTREST LATCH		1
			ATTACHING PARTS		
200	NAS623-2-14		SCREW		2
205	AN960-8		WASHER		2
			——*——		
210	2524.001.12-708A		ANGLE, LOCK, FOOTREST LATCH		1
	2524.001.12-710		HINGE ASSY		1
			ATTACHING PARTS		
215	NAS514-632-6P		SCREW		4
			——*——		

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TOILET ASSEMBLY

PN 15900-012

**COMPONENT MAINTENANCE MANUAL
WITH
ILLUSTRATED PARTS LIST**

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				404	Jan 10/95
Record of Temporary Revisions	RTR-1	Jan 10/95	Check	501	Jan 10/95
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				802	Blank
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INTRODUCTION

1. General

This publication contains shop maintenance instructions to maintain, troubleshoot and test the toilet assembly. The toilet assembly is manufactured by Monogram Sanitation.

2. Product Support Services

Contact Monogram Sanitation for repair services, technical documents, replacement parts, and other product support services.

Monogram Sanitation
800 W. Artesian Blvd.
Compton, CA 90224-9057, USA
Telephone: (310) 638-8445
Fax: (310) 638-8458
SITA: LAXMOXD

3. Layout of Manual

The information in this manual is divided into sections in accordance with Air Transportation Association, Specification 100, to enable maintenance personnel to disassemble, clean, check, repair, assemble, troubleshoot, and test the component. An illustrated parts list is provided to locate, identify, and requisition parts.

4. Revision Service

To ensure that coverage contained in this handbook reflects changes in maintenance concepts and procedures, revised information is provided to the customer through a letter of transmittal, advising pages to be removed and replaced by a revision. This letter includes a "highlights" page which identifies the general reason for change and indicates the effectivity of the change. Any service bulletins which may be involved are also noted accordingly.

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5. Abbreviations

Abbreviations used throughout this manual are defined as follows:

ASSY	Assembly
CMM	Component Maintenance Manual
DPL	Detail Parts List
EFF	Effectivity
FIG.	Figure
gpm	gallons per minute
IPL	Illustrated Parts List
lpm	liters per minute
min	minute
M.S.	Monogram Sanitation
NA	Not Applicable
NHA	Next Higher Assembly
No.	Number
PN	Part Number
psig	pounds per square inch, gage
REPLD BY	Replaced by
REPLS	Replaces
RF	Reference
SB	Service Bulletin
SUPSD BY	Superseded By
SUPSDS	Supersedes
V	Vendor

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6. Special Terms and Handling Used in this Manual

A. Interchangeability between two different parts at one location is defined as follows:

- (1) Superseded parts are not interchangeable with the superseding part(s). The notation (SUPSD BY ITEM XXX) means that the part is not authorized for continued use. The superseding part is identified with the notation (SUPSDS ITEM XXX).
- (2) When a part is replaced by another part the notation (REPLD BY ITEM XXX) is used. The replacing part is newer and is more desirable than the replaced part. However, either part can be used. The replacing part is identified by the notation (REPLS ITEM XXX).

B. All weights and measurements in the manual are in English units with metric equivalents in parenthesis, unless otherwise stated.

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DESCRIPTION AND OPERATION

1. General

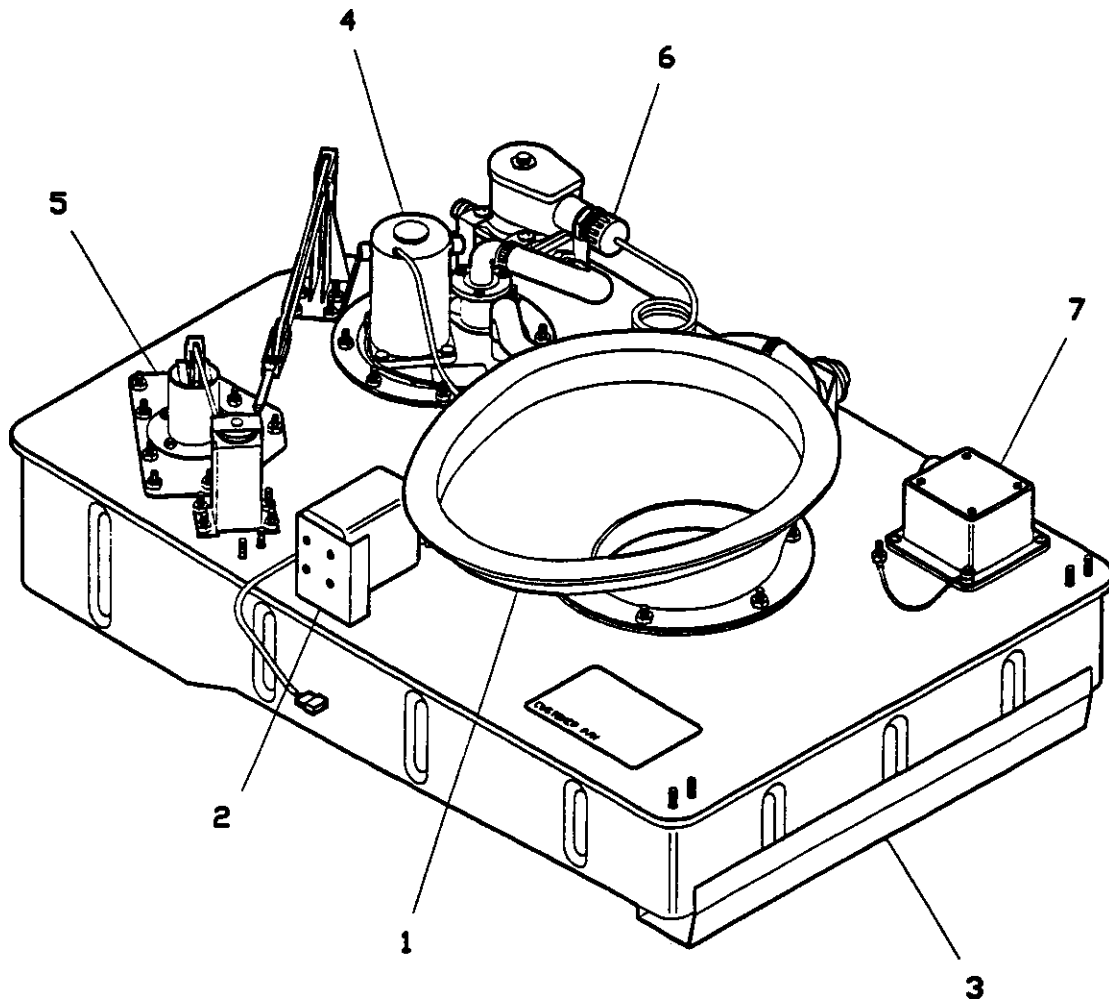
- A. The flushing toilet assembly covered in this manual is a separable assembly of the toilet installation and is capable of receiving, temporarily storing, and during ground servicing, disposing of waste. Refer to Table 1, Leading Particulars for general specifications of the toilet assembly.

2. Description

- A. The toilet assembly (Figure 1) basically consists of the toilet bowl, (1), timer (2), tank and top assembly (3), motor-pump-filter unit (4), drain valve assembly (5), solenoid valve assembly (6), liquid level transmitter (7).
- B. The toilet bowl assembly, made of polished stainless steel, is mounted on top of the tank and top assembly. The timer assembly, a solid-state electronic device used to control sequence and timing of flushing operation, is also located on the top of the tank. The tank and top assembly, a Kevlar tank with molded-in structure reinforcement and top is the reservoir for flushing fluid and waste. The motor-pump-filter assembly (MPFA) consist of a DC Motor Assembly, static TEF coated perforated filter, pump impeller and rotating spray nozzle housing. The MPFA is mounted on the tank with filter submerged in the flushing fluid. The spring loaded, cable actuated drain valve assembly seals the toilet to prevent leakage of stored fluid and waste and to permit draining and cleaning of the toilet during ground servicing. The solenoid valve assembly controls the admission of cleansing and charging fluid. The liquid level transmitter is a solid state electronic device capable of sensing two discrete points of fill on the toilet tank and transmitting an electronic signal for pre-charge level or full-tank level. The level sensors are located on an inside wall of the tank and the transmitter is mounted on the top of the tank.

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Typical Toilet Assembly

Figure 1

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3. Operation

- A. The operation of the toilet begins with the initiation of the flush cycle. The electric motor of the motor-pump-filter unit assembly is energized for approximately 10 seconds. Throughout the flush cycle, flushing fluid is drawn through the filter by the pump and discharged into the toilet bowl in a swirling action to wash waste into the tank assembly.
- B. Toilet Assemblies must be serviced after each scheduled flight by emptying, flushing, and recharging the tanks with fluid containing a dye-deodorant-disinfectant-chemical-water solution. Draining, cleaning and filling of the toilet assemblies is controlled from the aircraft toilet ground servicing panel. During toilet tank draining and cleaning, the tank drain valve is opened. The drain valve is a plunger type valve which is spring loaded to the closed position. A pull force of approximately 35 pounds (15.91 Kg) is required to open the valve. During tank cleaning and filling, fresh water is pumped into the toilet tank from an aircraft lavatory servicing vehicle. The water enters the toilet tank through an inlet fitting of the solenoid valve assembly, before going into the rotating spray nozzle via hose connection to the pump inlet. The rotating spray nozzle is part of the motor-pump-filter assembly. The pressurized fluid is jettisoned through spray nozzle openings and cleanses the inside of the filter basket and tank side walls at same time pre-charge fluid is added. After the cleaning operation the Liquid Level Transmitter will indicate when the fluid reaches the proper pre-charge level.

4. Leading Particulars

Use	Toilet Facilities
Electrical Power Rating	+28 VDC, 5 AMPS Nom.
Fluid Pump Capacity (Nominal)	10.0± 1 GPM (37.85±3.79 LPM)
Flushing Cycle (Nominal)	10±2 Seconds
Tank Capacity, Total	7.5 Gal (28.39 Liters)
Usable Capacity	3.8 Gal (14.38 Liters)
Priming Precharge	1.6 Gal (6.06 Liters)

Leading Particulars
Table 1

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TESTING AND FAULT ISOLATION

1. Testing

- A. Place complete toilet assembly over sink or drain opening. Arrange with toilet drain valve opening above sink or drain.
- B. Connect 28 VDC Power to the toilet. See the wiring diagram (Figure 101) for connection.
- C. Connect a variable pressure water source to the water inlet fitting.
- D. Rinse Test
 - (1) Introduce the water source at 60 psi(g) to the tank. Check and ensure that solenoid valve is open.
 - (2) Observe pump spray nozzle for free rotation and adequate rinsing of the toilet tank.
 - (3) Remove the water source, disconnect the power source.
 - (4) Check and ensure that the solenoid valve is closed. Check for leaks around the inlet fitting, antisiphon valve and pump exterior.
- E. Motor Pump and Timer Test
 - (1) Connect the pump and timer to a regulated power supply which conforms to specified voltage and current requirements.
 - (2) Depress push-button switch and note toilet function. Cycle duration shall be 10 ± 2 seconds. The swirl pattern should be consistent and vigorous, washing the complete inner surface of the bowl.
 - (3) Repeat flush cycle 3 to 4 times.
 - (4) Measure current surge and running current drain (5 amps nominal).
 - (5) Inspect for leaks around inlet tube and antisiphon valve.
 - (6) Drain toilet.

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F. Bowl Flushing Test

- (1) Fill the toilet tank to the specified precharge level (see Leading Particulars).
- (2) Upon flushing the toilet it should be observed that the bowl is completely wetted and water action is vigorous without excessive splashing.
- (3) Repeat flushing operation four times to confirm adequate bowl coverage and water action.
- (4) Drain toilet.

G. Liquid Level Sensor Test

- (1) Connect the liquid level sensor to the appropriate test harness.
- (2) Fill the toilet tank to the precharge level.
- (3) Ensure that the precharge indicator light is on.
- (4) Continue filling the toilet tank to the full level as indicated in the drawing.
- (5) Ensure that the full indicator light is on, and the solenoid valve is shut off.

H. Leak Test

- (1) Cap the tank vent. Fill the toilet throughout the bowl aperture until the water level is approximately one inch below the bowl flushing ring.
- (2) Remove any air trapped within the tank.
- (3) Allow the toilet to remain in this condition for one hour after which there shall be no evidence of leakage from any of the toilet components, including the toilet tank, tank top, gaskets and fitting.

I. Disconnect water supply.

J. Disconnect power supply.

K. Drain all water from tank and remove all water from components.

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2. Troubleshooting

- A. The troubleshooting information given in Table 101 deals with problems encountered during testing of the toilet assembly. Before performing troubleshooting remedies, check all wiring and electrical connections, pressurized hose connections and drain piping for general condition. Repair/replace as required.

Trouble	Probable Cause	Corrective Action
Toilet tank does not rinse during servicing.	Solenoid valve assembly held closed.	Replace LLT. Replace solenoid valve assembly. Check power to solenoid valve assembly and aircraft wiring.
Spray nozzle will not rotate motor and pump operative.	Spray nozzle clogged or not installed properly.	Clean and install parts properly (refer to DISASSEMBLY and ASSEMBLY).
Toilet tank floods during servicing.	Solenoid valve assembly stuck open.	Replace LLT Replace solenoid valve assembly. Check aircraft wiring of LLT and solenoid valve assembly.
Solenoid valve assembly leaking.	Faulty or leaky solenoid valve assembly.	Replace solenoid valve assembly.

Troubleshooting
Table 101

Monogram Sanitation

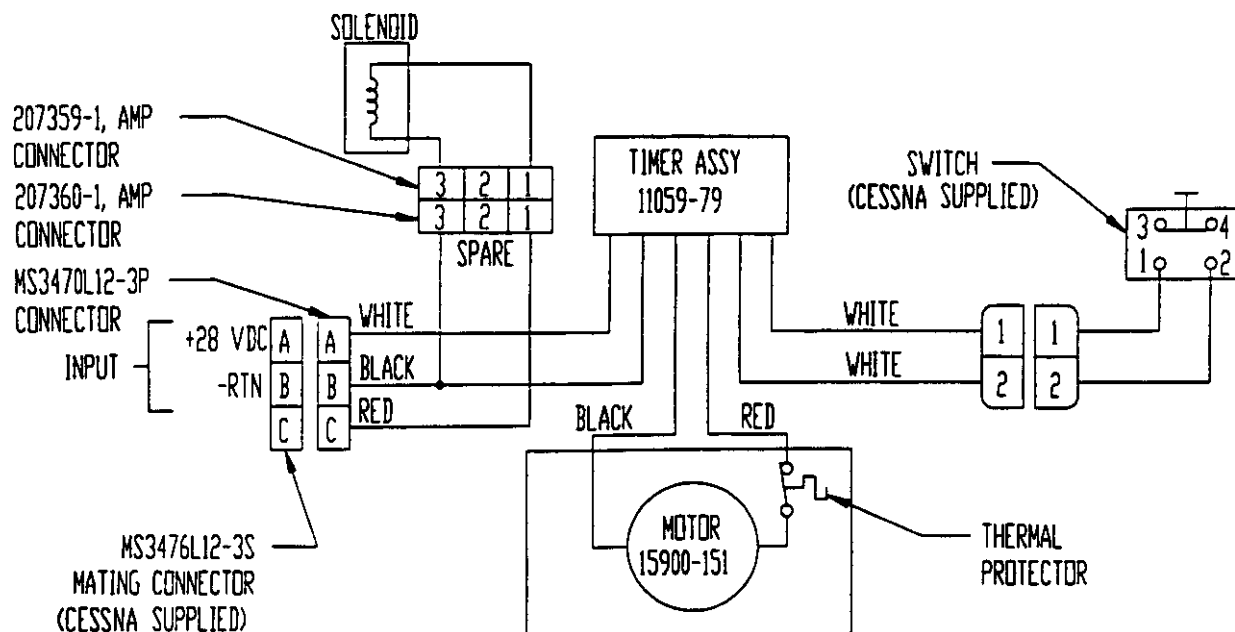
COMPONENT MAINTENANCE MANUAL PN 15900-012 Series

Problem	Possible Cause	Corrective Action
Toilet will not flush (motor-pump-filter does not operate).	Motor-pump-filter inoperative.	Replace motor-pump-filter assembly.
	Faulty timer.	Replace timer.
	Faulty LLT.	Replace LLT.
	Faulty solenoid valve assembly.	Replace solenoid valve assembly.
	Faulty wiring.	Check aircraft wiring.
Toilet will not flush (motor-pump-filter running.)	Foreign object obstruction of flushing fluid passages.	Inspect discharge tube.
Pump inoperative.	Sheared pump drive shaft.	Replace drive shaft coupling.
Motor-Pump-Filter noisy.	Improperly assembled or damaged motor-pump-filter assy.	Replace motor-pump-filter unit assy.
Motor runs continuously or excessive long.	Malfunction in timer assembly.	Replace timer.
Leakage from tank drain.	Drain valve not sealed.	Inspect drain outlet valve seat area of tank for cracks, chips and scratches. Replace drain valve assy.

Troubleshooting
Table 101 (Page 2 of 2)

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Wiring Diagram

Figure 1

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DISASSEMBLY

1. General

NOTE: See TESTING AND TROUBLESHOOTING to establish the condition of a component or most probable cause of its malfunction. This is to determine the extent of disassembly required without completely tearing down and rebuilding the component.

- A. Disassembly instructions given herein presume that complete overhaul of the toilet assembly is to be accomplished. Disassembly instructions cover disassembly only as far as practicable; however, these instructions provide adequate access for inspection and cleaning. In some instances, partial equipment overhaul, or overhaul of individual subassemblies only, may be required. In this event, disassembly shall be conducted only to the extent necessary to accomplish removal and installation of affected assemblies.
- B. Prior to initiating disassembly operations, personnel shall carefully read all instructions and study illustrations applicable to the equipment undergoing overhaul. The toilet assembly shall be in a clean condition, free of contamination and residue, before disassembly is begun. Refer to CLEANING if additional cleaning is required.
- C. The disassembly procedures for the removal of major components and most detail parts are identical for all toilet assemblies unless otherwise specified. Disassembly sequence is indicated by the index numbers shown in the illustrations except as noted in the following procedures.
- D. Each of the following paragraphs describes disassembly of a toilet assembly or a component assembly.

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2. Procedures

A. Toilet Assembly, PN 15900-12 (refer to IPL Figure 1)

- (1) If damaged or illegible, remove decal (5).
- (2) Remove flush hose (40) by removing clamps (45).
- (3) Disconnect grounding strap (50).
- (4) Remove bowl assembly (55) by removing nuts (60) and washers (65).
- (5) Remove restrictor (70).
- (6) Inspect bowl gasket (75), remove and discard if necessary.
- (7) Remove fill line hose (100) by removing nuts (115) and washers (120).
- (8) Remove motor-pump-filter assembly (110) by removing nuts (115) and washers (120).
- (9) Remove solenoid valve assembly (125) by removing nuts (130) and washers (135).

NOTE: If damaged or defective, contact pins (140), connectors (145 and 150), hose adaptors (155) and mounting brackets (160) may be removed from solenoid valve (165).

- (10) Remove vent fitting (185) and gasket (200) by removing nuts (190) and washers (195).
- (11) Remove pulleys (205) by removing cotter pins (215), clevis pin (210) and washers (220).
- (12) Remove pulley brackets (225) by removing nuts (230) and washers (235).
- (13) Remove pulleys (255) by removing cotter pins (245), clevis pins (240 and 260) and washers (250) and roll pin (275).
- (14) Remove pulley brackets (305) by removing nuts (315) and washers (310).
- (15) Remove drain valve assembly (320) and gasket (335) by removing nuts (325) and washers (330).

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- (16) Remove clamps (340) by removing nuts (345 and 347)) and washer (350 and 352) and removing spacers (354).
- (17) Remove connector bracket (355) by removing nuts (360) and washers (365).
- (18) Remove timer connector from bracket (355) by removing screws (370), washers (375) and nuts (380).
- (19) Remove timer assembly (385) and gasket (400) by removing screws (390) and washers (395). Discard gasket.
- (20) Remove timer bracket (405) by removing nuts (410) and washers (415).
- (21) Remove ground strap (435) by removing nut (455), washers (445) and (450) and stud (440).
- (22) Remove liquid level transmitter (460) by removing screws (465) and washers (470) and (475).
- (23) Remove gasket (480), mounting plate (485) and O-ring (495) by removing screws (490). Discard gasket and O-ring.

NOTE: The details of the tank and top assembly (535), items (540) through (575), are set in potting compound or epoxy and should not be disassembled.

- (24) Remove and disassemble seat assembly (510) as follows:
 - (a) Remove hinge (520) by removing screws (515).
 - (b) Remove bumpers (525) from seat (530).
- (25) Remove O-ring (500) from tank and top assembly (535).

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B. Motor-Pump-Filter Assembly, PN 3511-007 (refer to IPL Fig. 2) as follows:

- (1) Remove decal (5), if illegible.
- (2) Remove motor and adapter assembly (10) by removing lock nut (15), washers (20, stud (25), and bolts (30).
- (3) Remove motor assembly (35) from adapter plate (50) by removing screws (40).
- (4) Remove decal (45), if illegible.
- (5) Remove seals (55).
- (6) Remove filter basket (60) by removing nut (65) and washer (70).
- (7) Remove impeller housing plate (75) by removing screws (80), washers (85), and nuts (90).
- (8) Remove retaining ring (95), thrust washer (100), impeller (105), and thrust washer (110).
- (9) Remove impeller housing (115).
- (10) Remove drive shaft assembly (120).
- (11) Remove spray nozzle (135) by removing cotter pin (125) and washers (130).
- (12) Remove antisiphon housing (140) by removing screws (145), washers (150), and nuts (155), remove gasket (160).
- (13) Remove flapper (165).
- (14) Remove nuts (170) and washers (175) to remove gasket (180), retention washer (185), and inlet tube (190).
- (15) Remove frame assembly (195) by removing screws (200), washers (205), and nuts (210).
- (16) Remove gasket (220).
- (17) Remove mounting plate (215).

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C. Drain Valve Assembly, PN 4650-23 (refer to IPL Figure 3)

- (1) Remove cotter pin (10 and 40), washer (15 and 35), clevis pin (20), drilled pin (30) and pulley (5).
- (2) Remove cable (45) by removing nut (50) and washer (55) from the bottom of the valve.

WARNING: COVER ASSEMBLY (60) IS SPRING LOADED IN INSTALLED CONDITION. EXERCISE CARE WHILE REMOVING TO AVOID POSSIBLE INJURY.

- (3) Remove cover (60) from housing (85) by removing nuts (65) and washers (70).
- (4) Remove spirolox (80) from valve stem assembly (120) by telescoping the stem assembly into housing (85).
- (5) Remove spring (75).
- (6) Remove O-rings (90) from housing (85).
- (7) Remove nuts (95) to remove plate (100), seal (105), seal plug (115) and support plate (110).

D. Timer Assembly, PN 11059-79 (refer to IPL Figure 4)

- (1) Remove timer plate assembly (5) from timer enclosure (80) by removing screws (10).
- (2) Removal PC board (15) by removing nuts (20), washer (25), lock washer (30), terminal lug (35) and screws (40).
- (3) If necessary, remove disconnects (45), connector (50), clamp (55), plug (60), pins (65), plug (85), sockets (90) and grommet (70).
- (4) If required, remove decal (75).

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- E. Liquid Level Transmitter Assembly, PN 13503-106 (refer to IPL Figure 5)
- (1) Remove case (5) by removing lockwire, screws (10) and washers (15).
 - (2) Remove supports (20).
 - (3) Remove lug (25) ground wire assembly from case (5) by removing screw (30), nylon washer (35) and nut (40).
 - (4) Remove connector (45) by removing screws (50), flat washers (55), lock washers (60), nuts (65) and gasket (67).
 - (5) Disconnect connector plug (120) from receptacle (70).
 - (6) Remove ground wire assembly from harness of light driver PC board (130), by cutting twine ties.
 - (7) Remove and discard seal (75).
 - (8) Remove mounting plate (80) by removing screws (85) and nylon washers (90).
 - (9) Remove washers (95).
 - (10) Remove grommets (100).
 - (11) Remove lug (105).
 - (12) Remove spacers (110 and 115).
 - (13) Separate bridge PC board (125) from light driver PC board (130).
 - (14) If needed, remove and replace schematic decal (135) and nameplate (140).

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CLEANING

1. General

Thorough cleaning is essential prelude to inspection for determining the existence, extent and exact location of defects. If the toilet assembly requires additional cleaning, use the procedure as described in paragraph 3, and refer to the following List of Materials, Table 401.

2. List of Materials

Standard shop equipment such as soft bristle brushes may be used to clean the parts. Refer to Table 401 for materials.

ITEM	IDENTIFICATION	SOURCE
Disinfectant	Lysol	Sterling Drug, Inc. Lehn and Fink Product Division Montvale, New Jersey
Soap	Soap, Antimicrobial	Commercially Available
Trichloroethylene	Federal Specification O-T-634	Any government approved source

Cleaning Materials
Table 401

Monogram Sanitation

COMPONENT MAINTENANCE MANUAL PN 15900-012 Series

3. Cleaning Procedures

A. Toilet Assembly

- (1) Support the toilet tank drain outlet over a suitable waste receptacle or drain.

WARNING: A FACE GUARD AND GLOVES SHOULD BE WORN DURING ALL STEAM CLEANING FOR PROTECTION FROM SPLASHBACK.

- (2) Clean the external and internal surfaces of the bowl assembly using either a solution of hot, soapy water and strong disinfectant or a steam cleaner.
- (3) Remove the bowl assembly and the separator assembly (refer to DISASSEMBLY).
- (4) Open the drain valve to the fully compressed position by pulling on the valve cable assembly and clamp or otherwise secure the cable assembly in this position. Do not crimp the cable.

CAUTION: EXERCISE CARE TO AVOID PROLONGED APPLICATION OF STEAM TO ANY PLASTIC SURFACES.

- (5) Steam clean all interior surfaces of the tank, back flush through the flushing motor pump outlet channel, which is exposed when the bowl is removed, and through the vent and flushing openings.
- (6) Drain all liquid from the tank assembly.
- (7) Dry all surfaces of the tank and internal components with dry, compressed air.

CAUTION: DO NOT USE HYDROCARBON SOLVENTS, CHEMICAL SOLVENTS OF THE ETHER OR FLUORIDE FAMILY, ACETONE, METHYL-ETHYL-KETONE, OR RELATED SOLVENTS ON ANY KEVLAR Or PLASTIC PARTS. DO NOT USE ABRASIVE OR SCOURING CLEANSER ON NAY METAL, FIBERGLASS OR PLASTIC PARTS.

- (8) If additional cleaning of subassemblies and detail parts is required after removal from the tank assembly, use a soap, disinfectant, and hot water solution and a stiff-bristled brush.

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B. Motor-Pump-Filter Assembly

- (1) Use a soft bristle brush to dislodge solid wastes and lubricants.

CAUTION: DO NOT PERMIT SOLVENT ON STATOR OR ROTOR WINDINGS, OR THE ELECTRICAL LEADS, AS SOLVENT TENDS TO PRECIPITATE DETERIORATION OF WIRE INSULATION

- (2) Remove adhesives and sealants by carefully scraping residue from surface and wiping surface with cloth moistened with solvent.
- (3) Remove dust and dirt from the housing and stator assembly and the rotor assembly with dry, compressed air.
- (4) Dry all parts with dry, compressed air after cleaning.

C. Drain Valve Assembly

The valve assembly may be cleaned by immersing and scrubbing the unit in a solution of soap and water or five tablespoons of liquid disinfectant to each gallon (3.78 liter) of water. Rinse thoroughly with hot water and dry using compressed air.

D. Timer Assembly

Because the timer is sealed when installed, minimal internal cleaning should be required unless the assembly is contaminated during disassembly and subsequent overhaul procedures. Blow dust or other foreign particles from internal parts. If necessary, use a soft-bristled brush to dislodge stubborn particles.

E. Liquid Level Transmitter

Because the transmitter is sealed when installed, minimal internal cleaning should be required unless the assembly is contaminated during disassembly and subsequent overhaul procedures. Blow dust or other foreign particles from internal parts. If necessary, use a soft-bristled brush to dislodge stubborn particles.

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CHECK

1. General

- A. The complete assembly and component subassemblies shall be visually inspected using a strong light and preferably some means of magnification. When inspecting for damage to interior details of an assembly, an inspection mirror shall be used so that all surfaces are made visible.
- B. All parts shall be visually examined for nicks, cracks, cuts, fraying, dents, distortion, chafing, scoring, excessive wear, loose or missing mounting rings and screws, stripped or crossed threads and other defects that could impair function of the toilet. Parts made of rubber or neoprene shall be replaced at each overhaul; therefore, inspection of rubber packings, seals, mushroom valve and gaskets is unnecessary.
- C. To conduct an electrical check of Liquid Level Transmitter Assembly PN 13503-106 refer to schematic diagram in Figure 501.
- D. Refer to schematic diagram, Figure 502 to check continuity of electrical wiring on Timer Assembly PN 11059-79.
- E. Conduct a detailed inspection of parts and assemblies in accordance with the requirements of Inspection and Check, Table 501.

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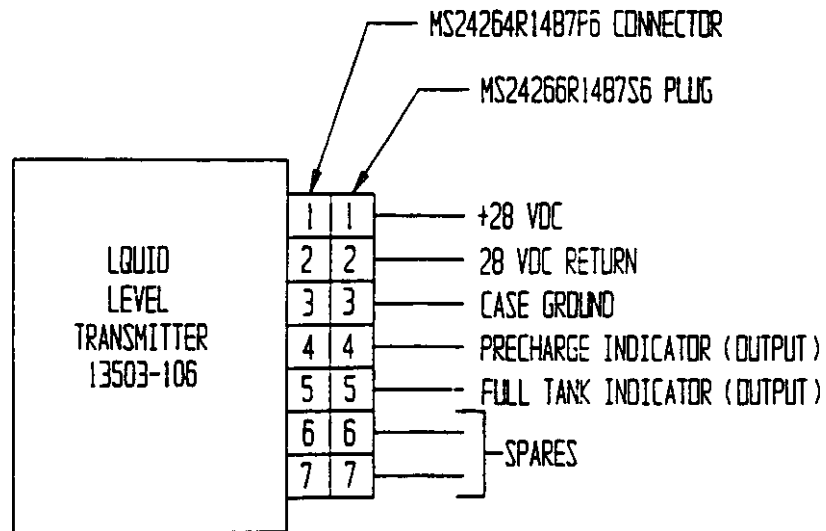
2. Check Procedures

PART	INSPECT FOR
Top and Tank Assembly	Deformation, delamination, cracks, nicks, scratches, loose mounting plates, broken, stripped, or otherwise damaged threads, cracked, nicked, scratched or deformed drain outlet seat.
Stator and rotor windings and electrical cable	Damaged or deteriorated insulation, broken wires, chafing and scoring broken electrical leads.
Spray nozzle, impeller housing cover plates and mushroom valve	Cracks, nicks, cuts, distortion, chafing, scoring, and excessive wear.
Pump drive shaft and coupling	Chipped, cracked or broken coupling and bent shafts.
Impeller	Cracks, nicks, distortion, erosion.
Pulley	Bearing freedom and smoothness, nicks and chips.
Cable Assembly	Fraying, kinks, broken strands and ball swagging.
Cover Assembly	Bending, deformation and broken spot welds.
Housing Assembly	Bending, deformation, dents and stripped threads.
Valve Stem Assembly	Bending, deformation, dents, nicks, scratches, chafing, scoring and stripped threads.
Springs	Distortion, cracks and dimensions
Electrical Connectors	Evidence of arcing or burning, broken or bent pins, foreign material in connector.

Inspection and Check
Table 501

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COMPONENT MAINTENANCE MANUAL PN 15900-012 Series

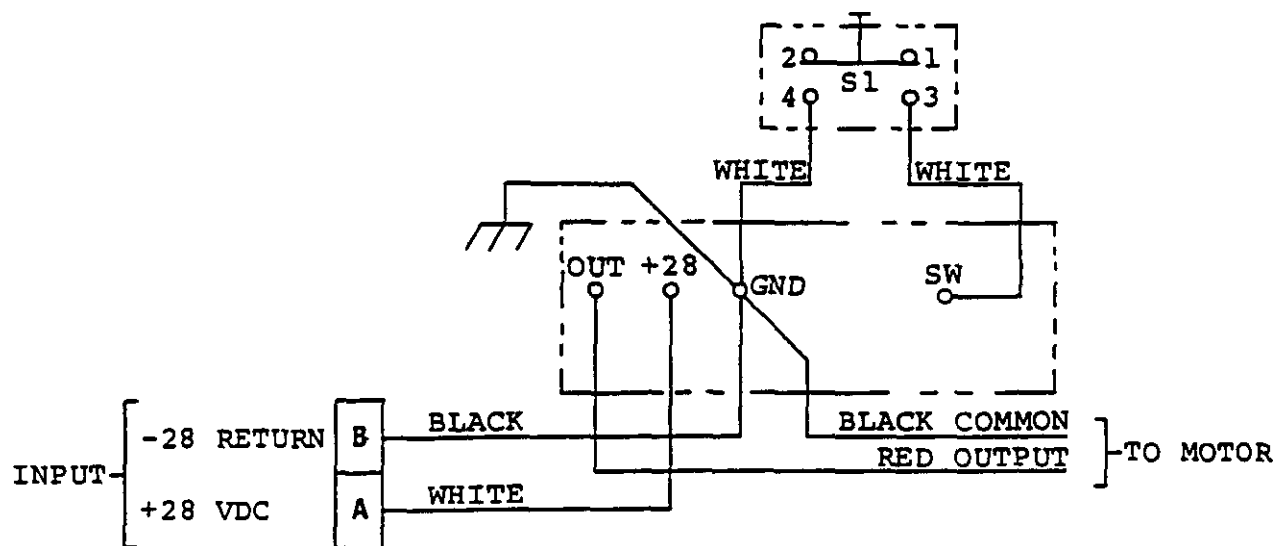


Transmitter Schematic Design

Figure 501

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COMPONENT MAINTENANCE MANUAL PN 15900-012 Series



Electrical Schematic

Figure 502

Monogram Sanitation

COMPONENT MAINTENANCE MANUAL PN 15900-012 Series

REPAIR

1. General

Except for permissible repairs outlined in this section, repair of the top and tank assembly, detail parts and subassemblies is not considered practicable; parts which do not meet inspection requirements shall be replaced. In addition to permissible repairs and replacements of defective parts, certain parts replacement shall be routine at each overhaul regardless of apparent condition of the part. All nuts, washers, gaskets and O-rings removed during disassembly procedure shall be replaced regardless of apparent condition.

NOTE: Replace all damaged or otherwise illegible part number identification.

2. List of Materials

NOTE: Equivalent substitutes may be used for listed items.

ITEM	DESCRIPTION	SOURCE
Aluminum Oxide Abrasive Cloth	Federal Specification P-C-451; Grade 600	Commercially Available
Primer	MIL-P-23377, Class 1	Commercially Available
Epoxy, Enamel	MIL-C_22750, Color No. 16307 per Fed. Std 595	Commercially Available
Paint	Gull Gray Gloss Lacquer Color Number 32251 Specification MIL-L-7178	Any Government Approved Source

Repair Materials
Table 601

Monogram Sanitation

COMPONENT MAINTENANCE MANUAL PN 15900-012 Series

3. Repair Procedures

A. Top and Tank Assembly

Due to structural considerations, cracks, fractures, delamination and ruptures of the top and tank assembly necessitates replacement of factory repair.

B. Motor-Pump-Filter Assembly

(1) Motor Assembly

Brush holder cap and Brush assembly are the only replaceable parts within the motor assembly.

(2) Refinish

Refinish exterior painted surfaces of the motor assembly as follows:

(a) Sand all chipped, loose paint and corroded areas of the motor assembly.

(b) Paint all exposed areas of motor assembly with one coat of epoxy primer and a coat of epoxy enamel.

(3) Replace all damaged or otherwise illegible nameplate identification or decals.

C. Drain Valve Assembly

(1) Deburring and chasing of stud threads and threaded fittings is acceptable as long as no more than two consecutive threads are damaged.

(2) Dimpled mounting plate holes may be flattened as long as hole diameter deformation does not occur.

(3) Part number identification removed or otherwise destroyed shall be reapplied.

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D. Timer Assembly

- (1) Except for permissible repairs described in this section, repair of the timer assembly is not considered practicable. Replace all parts that do not meet CHECK requirements.
- (2) Repair damage to painted surfaces of case and mounting plate as follows (refer to Table 601 for repair materials).
 - (a) Lightly sand the damaged area with aluminum oxide abrasive cloth, Federal Specification P-C-451, Grade 600, or finer, making certain to feather edge of sanded area into surrounding painted area.
 - (b) Apply a primer coat, Specification MIL-P-23377 to exposed metal surfaces.
 - (c) When dry, lightly sand primer as in step (a).
 - (d) Apply a finish coat of Gull Gray Gloss Lacquer, Color No. 32251, Specifications MIL-L-7178.
 - (e) Repair electrical wiring in accordance with standard shop practices.

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ASSEMBLY

1. General

- A. Assembly instructions given herein presume the toilet assembly has been disassembled to the extent covered in DISASSEMBLY. All new parts are identical in fit and function to the parts they replace.
- B. If a unit has been subjected to a partial overhaul only, disregard those instructions that are not applicable. The assembly instructions detailed in the following paragraphs apply equally to those assemblies listed in the IPL figures unless reference is made in the instructions to a specific assembly or assemblies. Where two or more details may be installed at a particular location, the key index numbers of the parts, as assigned in the IPL, are included parenthetically after the part description. Hardware items like bolts, washers, nuts and parts made of rubber, removed during disassembly, should be replaced with new parts.
- C. Each of the following paragraphs describes procedures and materials for assembly of a major assembly or a component assembly. The part number of each assembly to which the procedure applies, along with the corresponding exploded illustration figure, is listed in the paragraph heading.

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COMPONENT MAINTENANCE MANUAL PN 15900-012 Series

2. Assembly Instructions

A. Toilet Assembly, PN 15900-012 (refer to IPL Figure 1)

(1) List of Materials

NOTE: Equivalent substitutes may be used for listed items.

ITEM	DESCRIPTION	SOURCE
Adhesive	No. 1357	Minnesota Mining & Manufacturing Co. Adhesive Division St. Paul, MN 55101

Assembly Materials
Table 701

3. Procedures

- (a) Install O-ring (500) on tank and top assembly (535).
- (b) Assemble and install seat assembly (510) as follows:
 - (1) Install hinge (520) with screws (515).
 - (2) Install bumpers (525) to seat (530).
- (c) Install transmitter mounting plate (485), new gasket (480) and new O-ring (495) on tank and top assembly (535) with screws (490).
- (d) Install liquid level transmitter (460) with screws (465) and washers (470) and (475).
- (e) Install grounding strap (435) and grounding stud (440) with nut (455) and washer (445) and (450).
- (f) Install tie down brackets (405) with nuts (410) and washers (415).
- (g) Install timer assembly (385) and new gasket (400) to timer bracket (405) with screws (390) and washers (395).
- (h) Install timer connector to bracket (355) with screws (370), washers (375) and nuts (380).
- (i) Install connector bracket (355) with nuts (360) and washers (365).

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- (j) Install clamps (340) with spacers (354), nuts (345 and 347) and washers (350 and 352)
- (k) Install drain valve assembly (320) and gasket (335) with nuts (325) and washers (330).
- (l) Install pulley bracket (305) with washers (310) and nuts (315).
- (m) Install pulleys (255) with cotter pins (245), clevis pin (240 and 260), washers (250) and roll pin (275).
- (n) Install pulley bracket (225) with nuts (230) and washers (235).
- (o) Install pulley (205) with cotter pin (215), clevis pin (210) and washer (220).
- (p) Install vent fitting (185) and gasket (200) with nuts (190) and washers (195).
- (q) If removed during disassembly, install contact pins (140), connectors (145 and 150), adaptor hose (155) and mounting brackets (160) on solenoid valve (165).
- (r) Install solenoid valve assembly (125) with nuts (130) and washers (135).
- (s) Install motor-pump-filter assembly (110), secure with washers (120) and nuts (115).
- (t) Install fill line hose (100) with clamps (105).
- (u) Position bowl gasket (75) on the tank and top assembly.
- (v) Install restrictor (70).
- (w) Install bowl assembly (55) with washers (65) and nuts (60).
- (x) Connect grounding strap (50).
- (y) Install flush hose (40) and secure with clamps (45).
- (z) If removed at disassembly, replace decal (5).

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4. Storage Instructions

When the toilet assembly is to be stored after overhaul, all openings shall be sealed and, if possible, replaced into the original shipping container. If a shipping container is not available, a wooden framework may be built around the toilet assembly; the whole structure should be covered and sealed with plastic sheeting. Toilet assembly shall not be stored exposed to sunlight or at temperatures below 0°F (-17.78°C) or over 170°F (+76.67°C) for prolonged periods. Stored toilet assembly shall be clearly marked with part number and date of overhaul.

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COMPONENT MAINTENANCE MANUAL PN 15900-012 Series

B. Motor-Pump-Filter Assembly, PN3511-007 (refer to IPL Figure 2)

(1) List of Materials

NOTE: Equivalent substitutes may be used for listed items.

ITEM	DESCRIPTION	SOURCE
Lubricant	Lubriplate 105	Fiske Bros., Refining Co. Newark, NJ 73219
Adhesive	3MNo. 1239	Minnesota Mining & Manufacturing Co. Adhesive Division St. Paul, MN 55101
Lockwire	MS20995C32	Any government approved source

Assembly Materials
Table 701

(2) Procedure

- (a) Apply a uniform film of sealant, EC 1239 (3M Co.) to periphery of the frame assembly (195). Install mounting plate (215) on frame assembly, using screws (200), washer (205), and nuts (210).
- (b) Install flapper (165) by pulling installation tail through hole in antisiphon housing (140). Trim tail .010-.030 inch (0,25 to 0,76 mm) from bulb if new flapper is being used.
- (c) Position retention washer in place on inlet tube (190) and install both with gasket (180) on antisiphon housing (140), using washers (175), and nuts (170).
- (d) Install antisiphon housing (140), with gasket (160) on mounting plate (215), using screws (145), washers (150), and nuts (155).

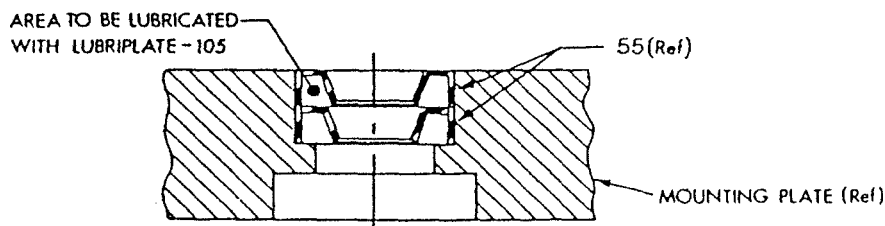
Monogram Sanitation

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- (e) Install spray nozzle (135) with washers (130) on each side, securing it with cotter pin (125).
- (f) Position drive shaft assembly (120) with thrust washer (110) on impeller housing (115).
- (g) Install thrust washer (110), impeller (105), thrust washer (100), and retaining ring (95) on drive shaft assembly (120).

NOTE: Use thrust washers (110) as required to ensure full engagement of motor drive shaft. Maintain a minimum clearance of 0.005 inch (0,13 mm) between impeller and impeller housing (115).

- (h) Install impeller housing plate (75) with impeller housing (115), using screws (80), washers (85), and nuts (90) to frame assembly (195).
- (i) Install filter basket (60), using washer (70) and nut (65).
- (j) Install seals (55) and adapter plate (50), applying lubricant (Lubriplate 105) as shown in Figure 701.



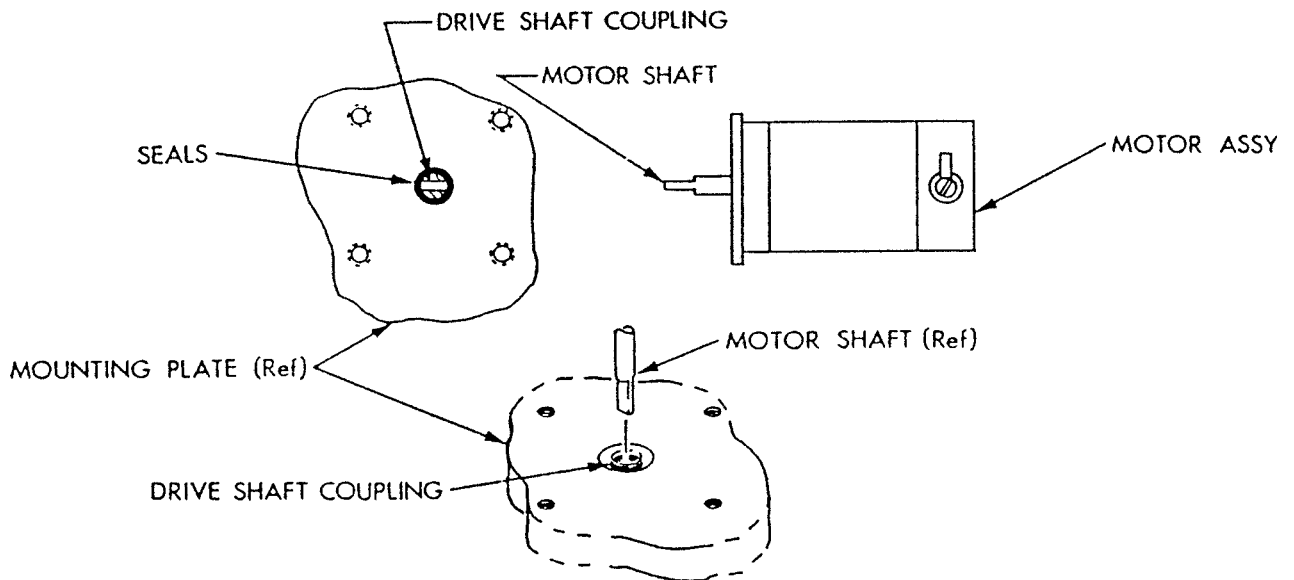
Cross Section of Mounting Plate
Figure 701

Monogram Sanitation

COMPONENT MAINTENANCE MANUAL PN 15900-012 Series

- (k) Install new decal (45), if removed.
- (l) Install motor (35) on adapter plate (50) using screws (40).
- (m) Install motor and adapter assembly (10) on mounting plate (215) by inserting motor shaft into drive shaft coupling (see Figure 703), secure with nut (15), washers (20), stud (25) and bolts (30). Lockwire in accordance with MS33540, double twist method.

NOTE: Motor shaft should make full contact with driving shaft coupling.



Motor and Adapter Assembly Installation

Figure 702

- (n) Install new decal (5), if removed.

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COMPONENT MAINTENANCE MANUAL PN 15900-012 Series

(3) Storage Instructions

When the motor-pump-filter assembly is to be stored after overhaul, it should be placed in the original shipping container. If the original container is not available, wrap the assembly with barrier material (refer to Table 701) and place in suitable container. The part number, serial number and date of overhaul shall be clearly marked on the outside of the carton.

NOTE: Equivalent substitutes may be used for listed items.

ITEM	DESCRIPTION	SOURCE
Barrier Material	Military Specification MIL-B-121	Any government approved source

Storage Materials
Table 701

Monogram Sanitation

COMPONENT MAINTENANCE MANUAL PN 15900-012 Series

C. Drain Valve Assembly, PN 4650-23 (refer to IPL Figure 3) as follows:

(1) List of Materials

NOTE: Equivalent substitutes may be used for listed items.

ITEM	DESCRIPTION	SOURCE
Lubricant	No. 33	Dow Corning

(2) Procedures

- (a) Install plate support (110) seal plug (115), seal (105) and plate (100) on valve stem assembly (120), secure with nut (95).
- (b) Install O-rings (90).
- (c) apply silicone grease (Dow Corning 33) to grooves in base of housing (85).
- (d) Install housing (85) over the valve stem assembly (120) until valve assembly projects above the mounting plate of the housing. Install spriolox (80) in groove of valve stem assembly (120).
- (e) Slide spring (75) into valve stem assembly (120).
- (f) Supporting the housing (85) by the mounting plate, compress spring (75) by pushing cover (60) into position on four mounting studs of the housing.
- (g) Install washers (70) and nuts (65) to secure cover (60) to the housing (85).
- (h) Insert loose end of cable (45) through the top of pulley slot to bottom of valve stem assembly (120). Tighten cable (45) using nut (50) and washer (55).
- (i) Install pulley (5), using clevis pin (20), washer (15 and 35), and drilled pin (30) and cotter pins (10 and 40).

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COMPONENT MAINTENANCE MANUAL PN 15900-012 Series

D. Timer assembly, PN 11059-79 (refer to IPL Figure 4) as follows:

(1) Procedures

- (a) If removed during disassembly, install identification decal (75).
- (b) Install grommet (70), sockets (90), plug (85), pins (65), plug (60), clamp (55), connector (50) and disconnect (45).
- (c) Install PC board (15), using screws (40), terminal lug (35), lock washer (30), washer (25) and nuts (20).
- (d) Install timer plate (5) in timer enclosure (80) using screws (10).

(2) Storage Instructions

(a) List of Materials

NOTE: Equivalent substitutes may be used for listed items.

ITEM	DESCRIPTION	SOURCE
Bag	Plastic	Commercially Available
Barrier Material	MIL-B-121	Any Source

(b) Instructions

If the timer is to be stored after overhaul, seal in a plastic bag, wrap with barrier material and place in a cardboard carton. Mark part number and date of overhaul on outside of carton.

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COMPONENT MAINTENANCE MANUAL PN 15900-012 Series

E. Liquid Level Transmitter Assembly, PN 13503-106 (refer to IPL Figure 5) as follows:

(1) List of Materials

NOTE: Equivalent substitutes may be used.

ITEM	DESCRIPTION	SOURCE
Sealant	No. 404 & Grade C per MIL-S-22473	Loctite Company 300 N. Mountain Road Newington, CT 06111
Safety Wire	MS20995C20 per MS35540	Commercially Available
Twine	.06 Wide Nylon per MIL-T-713	Commercially Available

(2) Procedure

- (a) Assemble bridge PC board (125) to light driver PC board (130) by aligning guide pins and pressing assemblies together.
- (b) Install grommets (100) on banana plugs of bridge PC board (125) with spongy side of grommet adjacent to PC board.
- (c) Assemble mounting plate (80) on bridge PC board (125) with tab on base indexed in hole in PC board. Use screws (85), nylon washers (90), washers (95), ground wire lug (105), spacers (110 and 115) and threaded supports (20) to secure mounting plate (80) to PC boards. Use Loctite, Grade C, sealant on threads of screws (85).
- (d) Install ground wire assembly into the harness on light driver PC board (130) using lacing twine on wire bundle.
- (e) Connect lug (120) of light driver PC board (130) wire bundle to receptacle (70) of case (5). Turn retaining ring to lock plug to receptacle.

Monogram Sanitation

COMPONENT MAINTENANCE MANUAL PN 15900-012 Series

- (f) Install connector (45) using screws (50), washers (55) and (60), nuts (65) and gasket (67).
 - (g) Install ground lug (25) to case (5) using screw (30), nylon washer (35) and nut (40).
 - (h) Apply Loctite Sealant No. 404 to groove of seal (75) and install on case (5). No gap is permissible at ends of seal.
 - (i) Install case (5) using screws (10) and nylon washers (15). If removed during disassembly, replace decal (135) and/or nameplate (140).
 - (j) Safety wire screws (10) upon completion of assembly.
- (3) Storage Instructions
- (a) Place protective plastic caps over electrical connectors (EP10 and EP12) dust covers or equivalent).
 - (b) Place LLT together with a small envelope of desiccant in a polyethylene bag.
 - (c) Seal bag vapor tight.
 - (d) Label bag with LLT part number and date of overhaul.

NOTE: LLT contains no cure dated items. Packaged LLT may be stored indefinitely.

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COMPONENT MAINTENANCE MANUAL PN 15900-012 Series

FITS AND CLEARANCES

Not Applicable

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INTENTIONALLY BLANK

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COMPONENT MAINTENANCE MANUAL PN 15900-012 Series

SPECIAL TOOLS, FIXTURES, AND EQUIPMENT

None

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COMPONENT MAINTENANCE MANUAL PN 15900-012 Series

ILLUSTRATED PARTS LIST

1. Introduction

This section lists, describes, and illustrates all component assemblies, subassemblies, and detail parts of the toilet assembly. Parts listed are considered to be replaceable for reasons of wear, age, or excessive abuse.

2. Scope of Information

A. Assembly Relationship

Each assembly listed is followed immediately by a breakdown of its detailed parts, properly indented (by dot(s)) to show their relationship. Parts are listed in general order of disassembly, with the exception of attaching parts which are listed immediately following the item which they attach and which precede the details, if any, of that assembly. Item numbers in the parts list are keyed to corresponding item numbers in the accompanying exploded view illustration.

B. How to Identify a Part

- (1) **WHEN THE PART NUMBER IS NOT KNOWN:** Review the illustrations and identify the part by appearance or location. Note the item number in the exploded view and check the corresponding item number in the accompanying parts list to find the part number, description and quantity of that application.
- (2) **WHEN THE PART NUMBER IS KNOWN:** Turn to the Numerical Index and locate the part number. Figure and item numbers of the illustration where the part appears are listed in the column to the right of the part number. The corresponding item number in the accompanying parts list will give part number, description, assembly relationship and quantity required for that particular application.

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COMPONENT MAINTENANCE MANUAL PN 15900-012 Series

C. Effectivity

The applicability of a particular part of its primary assembly is indicated by a code letter or letters in the “USAGE CODE” Column of the PARTS LIST. Normally, when four or less primary assemblies are broken down, a double alphabetical letter is included in the “USAGE CODE” Column and an explanation of the code letters used is included as the final entry of the list. If no entry is made in the “USAGE CODE” Column, the individual part is common to all primary assemblies listed.

D. Abbreviations

Abbreviations used in the parts list section are as follows:

AR	As Required
ASSY	Assembly
CH	Chapter
CMM	Component Maintenance Manual
Corp	Corporation
FIG.	Figure
FRO	Future Replacement Order
LLT	Liquid Level Transmitter
NHA	Next Higher Assembly
No.	Number
OM	Overhaul Manual
PN	Part Number
REQ	Required
RF	Reference

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REPLD	Replaced. The part in the part number column is replaced by and interchangeable with the item number shown in the notation.
REPLS	Replaces. The part in the part number column replaces and is interchangeable with the item number shown in the notation.
SUPSD BY	Superseded by. The part in the part number column is replaced by and is not interchangeable with the item number shown in the notation.
SUPSDS	Supersedes. The part in the part number column replaces and is not interchangeable with the item number shown in the notation.
SB	Service Bulletin
Sect.	Section
SN	Serial Number
SUBS	Subsequent
TTL	Total
V	Vendor

E. Symbols

- *** Designates the end of each group of attaching parts.
- A dash before an item indicates the item is not illustrated or does not have a leader and assigned index number on the exploded view illustration.

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3. Vendor's Code

Vendor's parts used in the equipment which are not altered are listed by the vendor's part number, vendor's description of the part and vendor's code listed in parentheses following the description. Vendor's code symbols used in this publication are taken from Federal Supply Code of Manufacturers Cataloging Handbook H4-1 and consists of the applicable code symbol preceded by the letter "V". Where no code exists, vendor's full name and address is listed in the parts list, immediately following the description part. Following is a numerical arranged list of vendor codes. The code identification for Monogram Sanitation has not been included in the parts list. The absence of a code (or contractor's name and address) following a part description means that the item is a Monogram part, except for standard AN, MS or NAS hardware.

CODE	VENDOR'S NAME AND ADDRESS
V00779	AMP Inc. 2800 Fulling Mill Rd. Harrisburg, PA 17105-3608
V12143	Bendix Corporation The Electrical Components Division Santa Ana Plant 1001 S. Grand Avenue Santa Ana, CA 92701
V27695	Devries International 1645 Reynolds Avenue Irvine, CA 92714
V40720	Global Fasteners 3050 S. Country Club, Suite 7 Mesa, AZ 85210
V59730	Thomas and Betts Corporation Highway 218 S. Iowa City, IA 52240
V6K880	Precision Bearings and Supply Company 2635 S. Fairfax Avenue Culver City, CA 90230
V76599	Murray Corporation Greater Baltimore Industrial Park Cockeysville, MD 21030

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CODE	VENDOR'S NAME AND ADDRESS
V80756	Ramsey Corporation P.O. Box 513 St. Louis, MO 63166
V81312	Winchester Electronics Division of Litton Industries P.O. Box 136 West Hartford, CT 06107
V81872	Olympic Plastics Company Subsidiary of Intercontinental Diamond Corp. 5800 West Jefferson Boulevard Los Angeles, CA 90016
V83259	Parker-Hannifin Corporation O-Seal Division 10567 Jefferson Boulevard Culver City, CA 90230
V86928	Seastrom Manufacturing Company 701 Sonora Avenue Glendale, CA 91201

4. Numerical Index

All parts listed in the Illustrated Parts List are listed in the Numerical Parts List Index and are arranged in alphabetical order by noun preceding the numbered parts. The arranged sequence of each numbered part begins at the extreme left hand position and continues left to right (one position at a time) until the location of each part number is determined. Letters "A" through "Z" are followed by numerals "0" through "9". In the second column and in all succeeding positions, the order of precedence is:

First, a space (blank column) or a dash "-"; if present, the letter "A" through "Z", then numerals "0" through "9". The letter "O" is treated as the numeral "0". All parts are listed with total quantities per unit and with reference to figure and item numbers indicating the location(s) of these parts.

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COMPONENT MAINTENANCE MANUAL PN 15900-012 Series

PART NUMBER	AIRLINE STOCK NO.	FIG.	ITEM	TTL REQ
025-050-012		2	55	2
0701-195		1	155	2
1-480698-0		4	60	1
1-480698-0		5	67	1
10-101949-14		4	80	1
11059-1		4	15	1
11059-12-33		4	5	1
11059-12-36		1 4	385 -1	1 RF
11059-79		1	485	1
13451-033		1	480	1
13451-036		5	140	1
13503-001-00		5	80	1
13503-002		5	110	4
13503-009		5	115	4
13503-010		5	20	4
13503-011		5	100	4
13503-012		5	75	1
13503-018		5	45	1
13503-019		5	5	1
13503-036		1 5	460 -1	1 RF
13503-106				

-ITEM NOT ILLUSTRATED

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PART NUMBER	AIRLINE STOCK NO.	FIG.	ITEM	TTL REQ
13503-107		5	135	1
13503-108		5	125	1
13503-109		5	130	1
13503-005		1	540	4
13503-001		1	5	1
14100-019		2	190	1
1412-4		5	25	1
		5	105	1
1488-6		1	560	2
15900-012		1	-1	RF
15900-151		2	35	1
15900-154		1	165	1
15900-155		1	125	1
15900-156		1	160	2
15900-175		1	535	1
16004-027-15		1	100	1
16004-027-20		1	40	1
16006-006		2	105	1
16006-031		2	160	1
16006-032		2	185	1
16006-033		2	180	1
16202-020		2	165	1

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PART NUMBER	AIRLINE STOCK NO.	FIG.	ITEM	TTL REQ
17000-298		1	400	1
2-034S604-70		1	495	1
2-114E515-80		3	90	2
207359-1		1	145	1
207360-1		4	85	1
2317-2		1	70	1
2333-7		2	5	1
		2	45	1
		4	75	1
2393-21		1	525	2
2435-4-6		1	50	1
2435-14-18		1	435	1
2520		1	150	1
340121020		2	100	AR
350690-1		4	65	2
3509-1		2	220	1
3511007		1	110	1
		2	-1	RF
3514-003		2	195	1
3515-003		2	60	1
3516-001		2	215	1

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PART NUMBER	AIRLINE STOCK NO.	FIG.	ITEM	TTL REQ
3516-005		2	50	1
3516-009		2	140	1
3516-011		2	135	1
3516-013		2	10	1
3752-21		1	354	2
4313		1	200	1
4514		1	530	1
4520-2		1	510	1
4631-58-11		3	45	1
4631-72		1	405	1
4631-73		1	355	1
4631-82		1	305	1
4631-83		1	225	1
4631-88		1	520	1
4648		1	75	1
4650-23		1 3	320 -1	1 RF
4651-6		3	85	1
4670-1		1	335	1
4672-1		3	100	1

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PART NUMBER	AIRLINE STOCK NO.	FIG.	ITEM	TTL REQ
4673		3	110	1
4676-14		3	120	1
4678-7		3	60	1
4682-3		3	75	1
4687		1	185	1
4698-7		1	55	1
4801-11		3	105	1
4801-12		3	115	1
4811-174-1		3	30	1
4812-105		2	115	1
4812-107		2	130	2
4812-174-11		2	120	1
4812-25		1	440	1
		2	25	1
4812-31		2	110	AR
4812-94-13		2	75	1
5411-23		4	35	1
5610-10-32		5	15	4
		5	35	1
		5	90	4
66103-3		1	140	2
66105-3		4	90	2
99-022-094-0500		1	275	1

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PART NUMBER	AIRLINE STOCK NO.	FIG.	ITEM	TTL REQ
AD18-183		4	45	2
AN507C632R5		1	515	5
AN507C832R10		4	10	2
AN960C10L		1	65	7
		1	135	4
		1	220	2
		1	250	2
		1	310	4
		1	350	2
		1	445	4
		1	475	3
		1	570	2
		2	20	6
		3	15	1
		3	55	1
AN960C2L		3	35	1
AN960C4		4	25	3
AN960C4L		1	375	4
		5	55	4
AN960C6		3	70	4
		5	95	3
AN960C6L		1	195	4
		1	330	9
		1	395	4
AN960C8		2	175	3
AN960C8L		1	120	8
		1	235	4
		1	352	1
		1	365	2
		1	415	2
		2	70	1

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PART NUMBER	AIRLINE STOCK NO.	FIG.	ITEM	TTL REQ
CK05BX102K		1	550	1
C10DK3		1	340	3
H6SS		1	105	2
H8SS		1	45	2
M10PLSN		5	120	1
M10SLRN		5	70	1
MS16624-4025		2	95	1
MS24566-1B		1	205	1
		1	255	2
		3	5	1
MS24665-148		1	215	2
		1	245	2
		3	10	1
MS24665-18		3	40	1
MS24665-87		2	125	1
MS24693C269		1	490	4
MS24693C30		2	200	5
MS29513-343		1	500	2
MS3416-12EN		4	55	1
MS3470L12-3P		4	50	1
MS35725-217		5	10	4

-ITEM NOT ILLUSTRATED

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PART NUMBER	AIRLINE STOCK NO.	FIG.	ITEM	TTL REQ
MS35333-70		4	30	1
MS35338-135		5	60	4
MS35338-138		1	450	1
		1	470	3
MS35489-4		4	70	1
MS35649-44		5	40	1
		5	65	4
MS35649-264		1	545	1
MS35650-304		1	565	1
MS51957-13		5	30	1
		5	50	4
MS51957-15		1	370	4
		4	40	2
MS51957-21		5	85	4
MS51957-27		2	40	4
MS51957-28		1	390	4
MS51957-49		2	145	2
MS51957-53		2	80	6
MS51958-60		1	465	3
MS9463-08		1	210	2
		1	240	1
		3	20	1
MS9463-09		1	260	1
NAS12191C04M		1	380	4
NAS12191C06M		2	210	5

-ITEM NOT ILLUSTRATED

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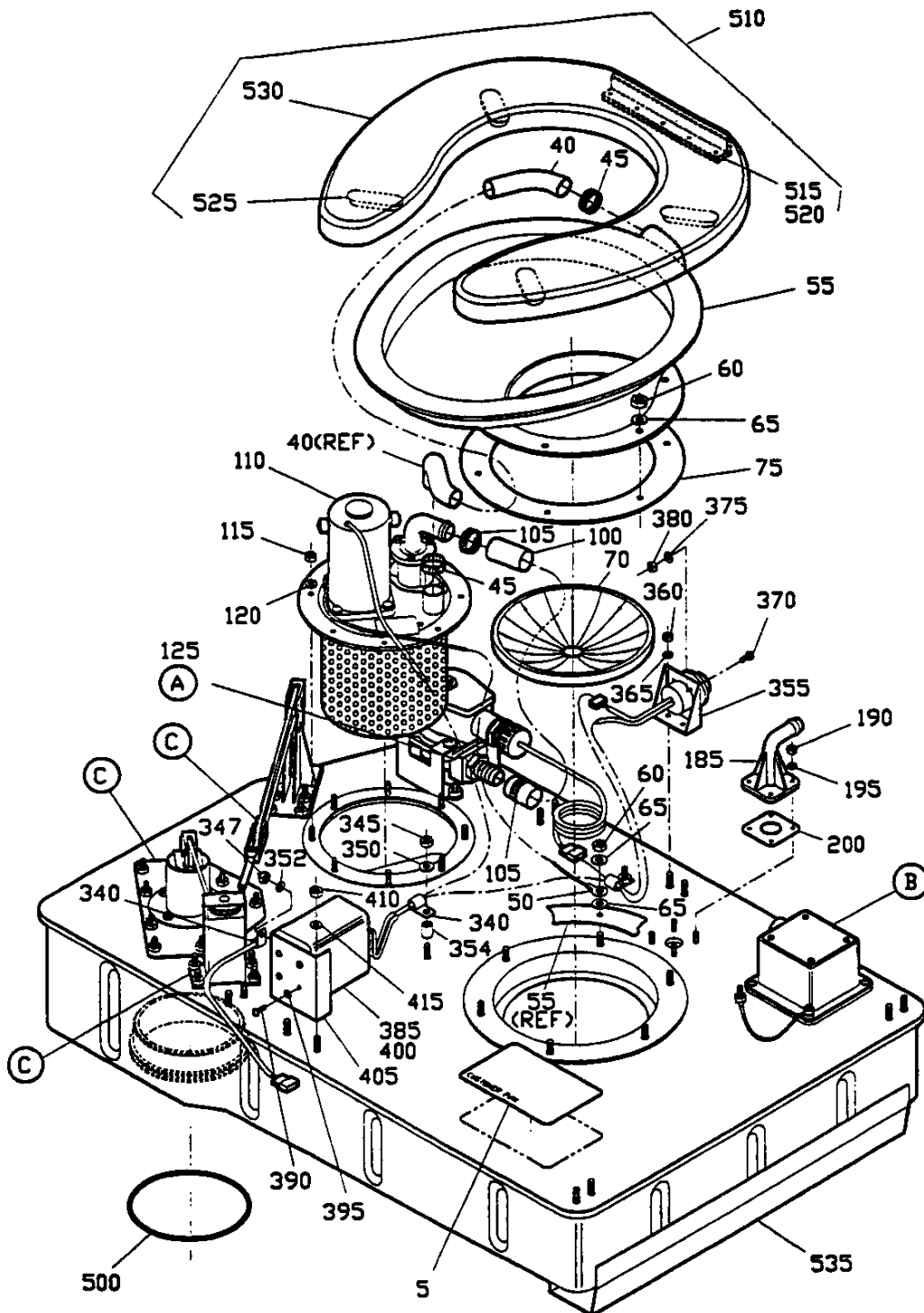
COMPONENT MAINTENANCE MANUAL PN 15900-012 Series

PART NUMBER	AIRLINE STOCK NO.	FIG.	ITEM	TTL REQ
NAS1291C08M		2	90	6
		2	155	2
		2	170	3
NAS501-3H4A		2	30	3
NAS620C6		2	205	5
NAS620C8		2	85	12
		2	150	4
NAS679C04M		4	20	2
NAS679C06M		1	190	4
		1	325	9
		3	65	4
NAS679C08M		1	115	8
		1	230	4
		1	347	1
			360	2
		1	410	2
			65	1
NAS679C3M		1	60	6
		1	130	4
		1	315	4
		1	345	2
		1	455	1
		2	15	1
		3	50	1
NAS679C6M		3	95	1
PT8-6R		1	555	1
P18-10R		1	575	1
RS62S		3	80	1

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COMPONENT MAINTENANCE MANUAL PN 15900-012 Series

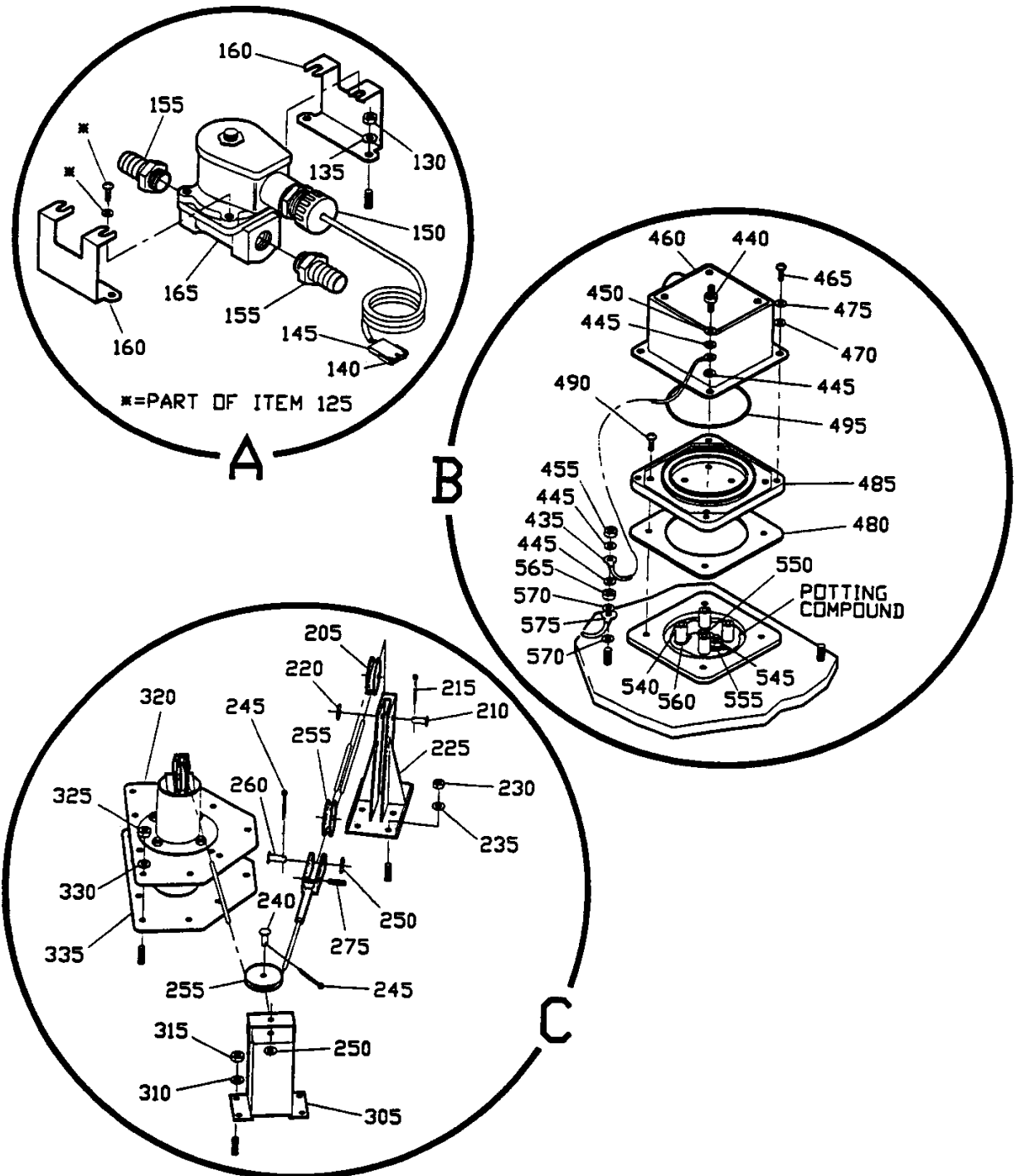


Toilet Assembly

IPL Figure 1 (Sheet 1 of 2)

Monogram Sanitation

COMPONENT MAINTENANCE MANUAL PN 15900-012 Series



Toilet Assembly
IPL Figure 1 (Sheet 2 of 2)

Monogram Sanitation

COMPONENT MAINTENANCE MANUAL PN 15900-012 Series

FIG. ITEM	PART NUMBER	AIRLINE STOCK NO.	NOMENCLATURE 1 2 3 4 5 6 7	EFF CODE	UNITS PER ASSY
1					
-1	15900-012		TOILET ASSEMBLY		RF
5	13507-001		. DECAL, IDENTIFICATION		1
40	16004-027-20		. HOSE		1
			ATTACHING PARTS		
45	H8SS		CLAMP (V76599)		2
			* * *		
50	2435-14-6		. STRAP, GROUNDING		1
55	4698-17		. BOWL ASSEMBLY		1
			ATTACHING PARTS		
60	NAS679C3M		. NUT		6
65	AN960C10L		. WASHER		7
			* * *		
70	2317-2		. RESTRICTOR, SPLASH		1
75	4648		. GASKET, BOWL		1
100	16004-027-15		. HOSE		1
			ATTACHING PARTS		
105	H6SS		. CLAMP (V76599)		2
			* * *		1
110	3511-007		. MOTOR-PUMP-FILTER ASSY (SEE IPL FIGURE 2 FOR DETAILS)		
			ATTACHING PARTS		
115	NAS679C08M		. NUT		8
120	AN960C8L		. WASHER		8
			* * *		
125	15900-155		SOLENOID VALVE ASSY		1
			ATTACHING PARTS		
130	NAS679C3M		. NUT		4
135	AN960C10L		. WASHER		4
			* * *		

-ITEM NOT ILLUSTRATED

Monogram Sanitation

COMPONENT MAINTENANCE MANUAL PN 15900-012 Series

FIG. ITEM	PART NUMBER	AIRLINE STOCK NO.	NOMENCLATURE 1 2 3 4 5 6 7	EFF CODE	UNITS PER ASSY
1					
140	66103-3		. . PIN, CONTACT (V00779)		2
145	207359-1		. . CONNECTOR, RECEPTACLE (V00779)		1
150	2520		. . CONNECTOR, STRAIN RELIEF (V59730)		1
155	0701-195		. . ADAPTER, HOSE (V06090)		2
160	15900-156		. . BRACKET, SOLENOID VALVE MOUNTING		2
165	15900-154		. . SOLENOID VALVE		1
185	4687		. FITTING, VENT ATTACHING PARTS		1
190	NAS679C06M		. NUT		4
195	AN960C6L		. WASHER ***		4
200	4313		. GASKET, VENT		1
205	MS24566-1B		. PULLEY		1
210	MS9463-08		. CLEVIS PIN		2
215	MS24665-148		. COTTER PIN		2
220	AN960C10L		. WASHER		2
225	4631-83		. BRACKET, PULLEY ATTACHING PARTS		1
230	NAS679C08M		. NUT		4
235	AN960C8L		. WASHER ***		4
240	MS9463-08		. CLEVIS PIN		1
245	MS24665-148		. COTTER PIN		2
250	AN960C10L		. WASHER		2
255	MS24566-1B		. PULLEY		2
260	MS9463-09		. CLEVIS PIN		1
275	99-022-094-0500		. PIN, ROLL (V40720)		1
305	4631-82		. BRACKET, PULLEY ATTACHING PARTS		1
310	AN960C10L		. WASHER		4
315	NAS679C3M		. NUT ***		4

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FIG. ITEM	PART NUMBER	AIRLINE STOCK NO.	NOMENCLATURE 1 2 3 4 5 6 7	EFF CODE	UNITS PER ASSY
1					
320	4650-23		. DRAIN VALVE ASSY (SEE IPL FIGURE 3 FOR DETAILS) ATTACHING PARTS		1
325	NAS679C06M		. NUT		9
330	AN960C6L		. WASHER ***		9
335	4670-1		. GASKET, DRAIN VALVE		1
340	C10DK3		. CLAMP (V81872) ATTACHING PARTS		3
345	NAS679C3M		. NUT		2
347	NAS679C08M		. NUT		1
350	AN960C10L		. WASHER		2
352	AN960C8L		. WASHER		1
354	3752-21		. SPACER ***		2
355	4631-73		. BRACKET, CONNECTOR ATTACHING PARTS		1
360	NAS679C08M		. NUT		2
365	AN960C8L		. WASHER ***		2
370	MS51957-15		. SCREW		4
375	AN960C4L		. WASHER		4
380	NAS1291C04M		. NUT		4
385	11059-79		. TIMER ASSY (SEE IPL FIGURE 4 FOR DETAILS) ATTACHING PARTS		1
390	MS51957-28		. SCREW		4
395	AN960C6L		. WASHER ***		4
400	17000-298		. GASKET		1
405	4631-72		. BRACKET, TIMER ATTACHING PARTS		1
410	NAS679C08M		. NUT		2
415	AN960C8L		. WASHER ***		2

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Monogram Sanitation

COMPONENT MAINTENANCE MANUAL PN 15900-012 Series

FIG. ITEM	PART NUMBER	AIRLINE STOCK NO.	NOMENCLATURE 1 2 3 4 5 6 7	EFF CODE	UNITS PER ASSY
1					
435	2435-14-18		.STRAP, GROUNDING		1
440	4812-25		.STUD, GROUNDING ATTACHING PARTS		1
445	AN960C10L		. WASHER		4
450	MS35338-138		. WASHER		1
455	NAS679C3M		. NUT ***		1
460	13503-106		. TRANSMITTER, LIQUID LEVEL (SEE IPL FIGURE 5 FOR DETAILS) ATTACHING PARTS		1
465	MS51958-60		. SCREW		3
470	MS35338-138		. WASHER		3
475	AN960C10L		. WASHER ***		3
480	13451-036		. GASKET		1
485	13451-033		. PLATE ATTACHING PARTS		1
490	MS24693C269		. SCREW ***		4
495	2-034S604-70		. O-RING (V02697)		1
500	MS29513-343*		. O-RING (V02697)		2
510	4520-2*		. SEAT ASSY		1
515	AN507C632R5		. . SCREW		5
520	4631-88		. . HINGE		1
525	2393-21		. . BUMPER		2
530	4514		. . SEAT		1
535	159000-175		. TANK AND TOP ASSY		1
540	13505-005		. . CONTACT		4
545	MS35649-264		. . NUT		1
550	CK05BX102K		. . CAPACITOR		1
555	PT8-6R		. . NUT		1
560	1488-6		. . TERMINAL (V06383)		2
565	MS35650-304		. . LUG (V83330)		1
570	AN960C10L		. . WASHER		2
575	P18-10R		. . TERMINAL (V06383)		1

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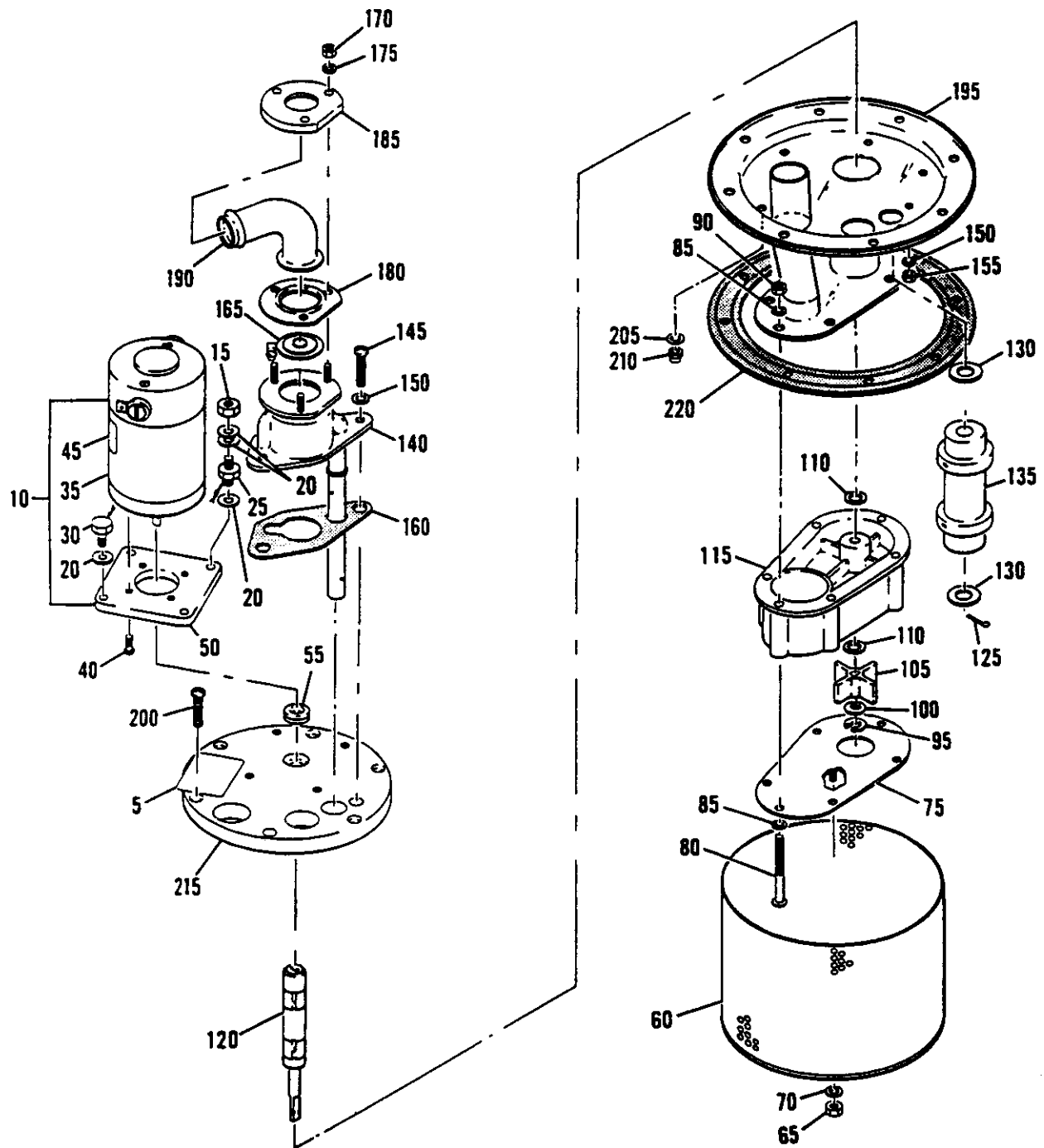
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Motor-Pump-Filter Assembly

IPL Figure 2

Monogram Sanitation

COMPONENT MAINTENANCE MANUAL PN 15900-012 Series

FIG. ITEM	PART NUMBER	AIRLINE STOCK NO.	NOMENCLATURE 1 2 3 4 5 6 7	EFF CODE	UNITS PER ASSY
2					
-1	3511-007		.MOTOR-PUMP-FILTER ASSY (SEE IPL FIG. 1 FOR NHA)		RF
5	2333-7		. DECAL		1
10	3516-013		. MOTOR AND ADAPTER ASSY ATTACHING PARTS		1
15	NAS679C3M		. NUT		1
20	AN960C10L		. WASHER		6
25	4812-25		. STUD		1
30	NAS501-3H4A		. BOLT ***		3
35	15900-151		. . MOTOR ASSY ATTACHING PARTS		1
40	MS51957-27		. . SCREW ***		4
45	2333-7		. . NAMEPLATE		1
50	3516-005		. . PLATE, ADAPTER		1
55	025-050-012		. SEAL (V27695)		2
60	3515-003		. BASKET, FILTER ATTACHING PARTS		1
65	NAS679C08M		. NUT		1
70	AN960C8L		. WASHER ***		1
75	4812-94-13		. PLATE, IMPELLER HOUSING ATTACHING PARTS		1
80	MS51957-53		. SCREW		6
85	NAS620C8		. WASHER		12
90	NAS1291C08M		. NUT ***		6
95	MS16624-4025		. RING, RETAINER		1
100	340121020		. WASHER, THRUST (V86928)		AR
105	16006-006		. IMPELLER		1
110	4812-31		. WASHER, THRUST		AR
115	4812-105		. HOUSING, IMPELLER		1
120	4812-174-11		. DRIVE SHAFT ASSY		1
125	MS24665-87		. PIN, COTTER		1
130	4812-107		. WASHER		2
135	3516-011		. SPRAY NOZZLE		1

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COMPONENT MAINTENANCE MANUAL PN 15900-012 Series

FIG. ITEM	PART NUMBER	AIRLINE STOCK NO.	NOMENCLATURE 1 2 3 4 5 6 7	EFF CODE	UNITS PER ASSY
2					
140	3516-009		.HOUSING, ANTISIPHON ATTACHING PARTS		1
145	MS51957-49		. SCREW		2
150	NAS620C8		. WASHER		4
155	NAS1291C08M		. NUT ***		2
160	16006-031		. GASKET		1
165	16202-020		. FLAPPER		1
170	NAS1291C08M		. NUT		3
175	AN960C8		. WASHER		3
180	16006-033		. GASKET		1
185	16006-032		. WASHER, RETENTION		1
190	14100-019		. TUBE, INLET		1
195	3514-003		. FRAME ASSY ATTACHING PARTS		1
200	MS24693C30		. SCREW		5
205	NAS620C6		. WASHER		5
210	NAS1291C06M		. NUT ***		5
215	3516-001		. PLATE, MOUNTING		1
220	3509-1*		. GASKET, MOUNTING PLATE		1

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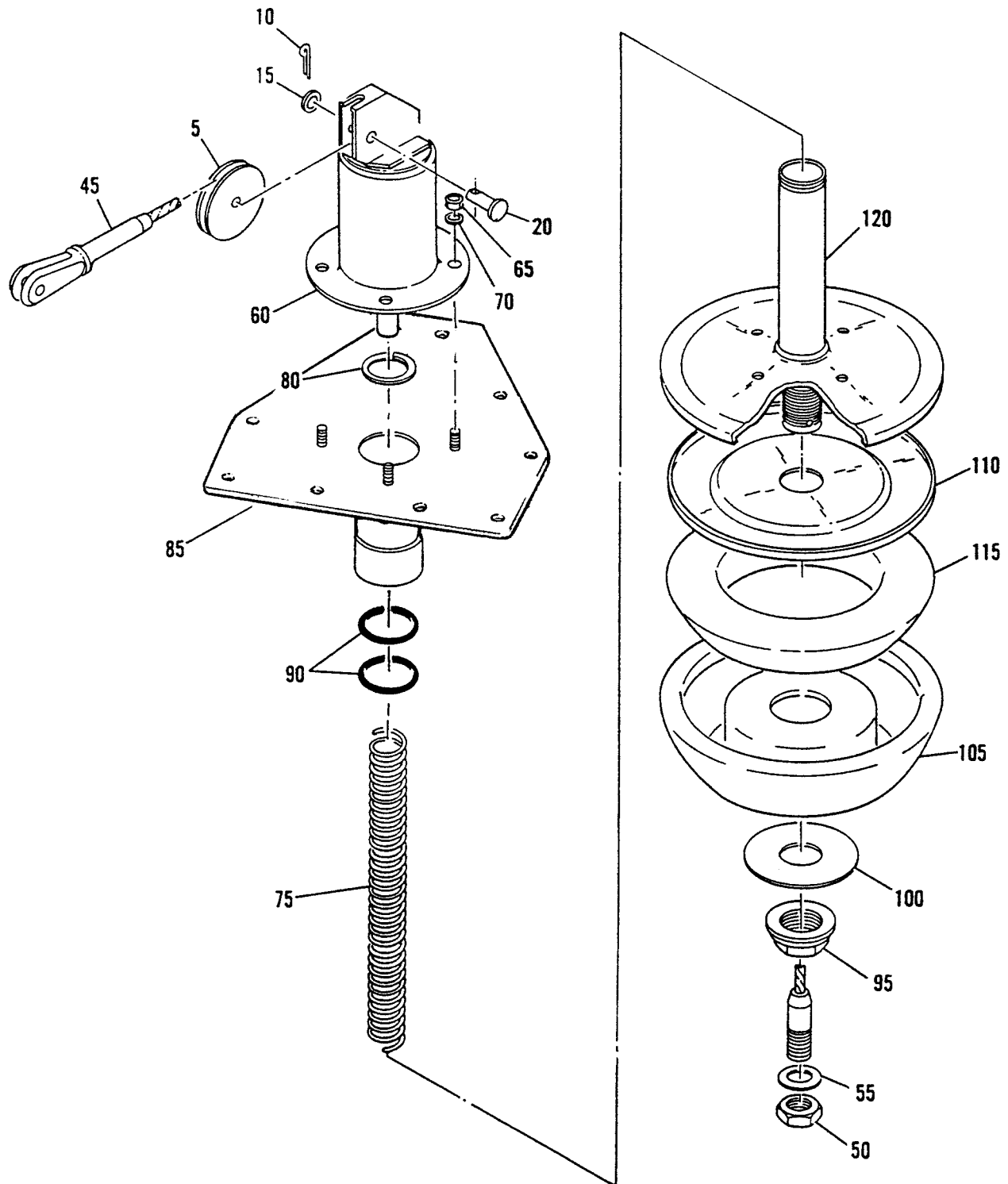
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Drain Valve Assy
IPL Figure 3

Monogram Sanitation

COMPONENT MAINTENANCE MANUAL PN 15900-012 Series

FIG. ITEM	PART NUMBER	AIRLINE STOCK NO.	NOMENCLATURE 1 2 3 4 5 6 7	EFF CODE	UNITS PER ASSY
3					
-1	4650-23		DRAIN VALVE ASSY (SEE IPL FIG. 1 FOR NHA)		RF
5	MS24566-1B		. PULLEY		1
10	MS24665-148		. ATTACHING PARTS		1
15	AN960C10L		. PIN, COTTER		1
20	MS9463-08		. WASHER		1
			. PIN, CLEVIS		1

30	4811-174-1		. PIN, DRILLED		1
35	AN960C2L		. WASHER		1
40	MS24665-18		. PIN, COTTER		1
45	4631-58-11		. CABLE ASSY		1
			. ATTACHING PARTS		
50	NAS679C3M		. NUT		1
55	AN960C10L		. WASHER		1

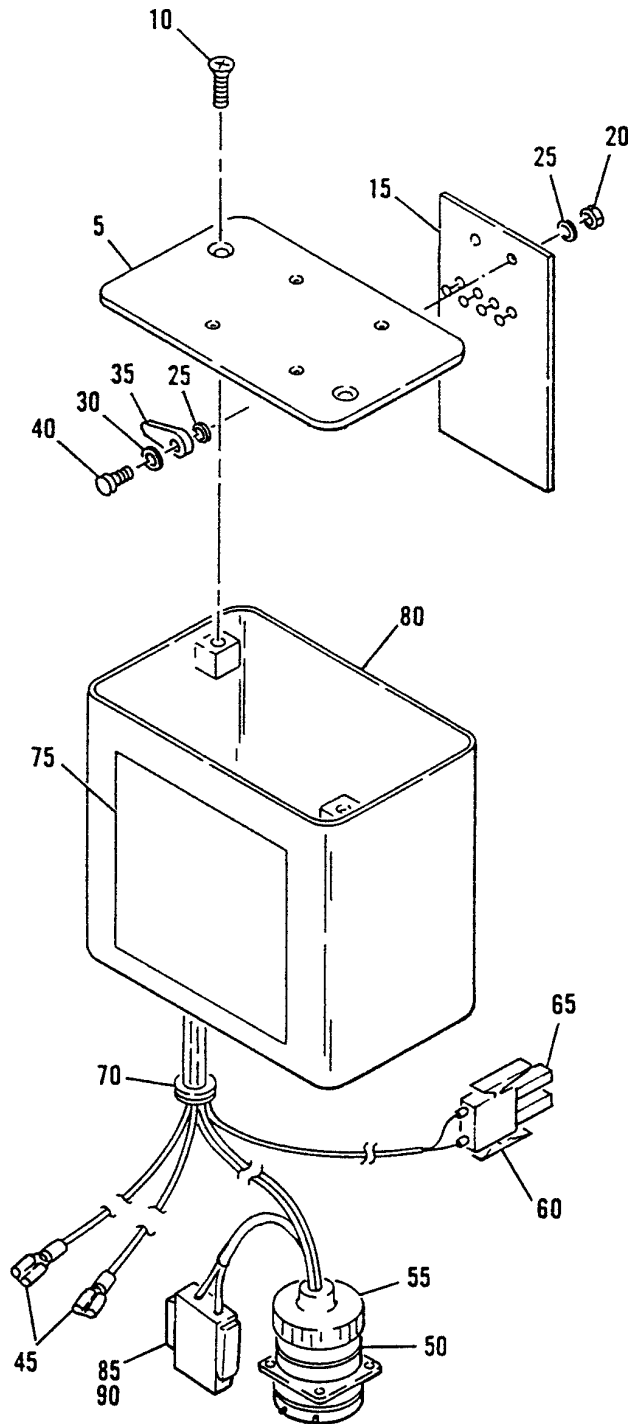
60	4678-7		. COVER ASSY		1
			. ATTACHING PARTS		
65	NAS679C06M		. NUT		4
70	AN960C6		. WASHER		4

75	4682-3		. SPRING		1
80	RS62S		. SPIROLOX (V80756)		1
85	4651-6		. HOUSING ASSY		1
90	2-11E515-80		. O-RING (V02697)		2
95	NAS679C6M		. NUT		1
100	4672-1		. PLATE		1
105	4801-11		. SEAL		1
110	4673		. PLATE, SUPPORT		1
115	4801-12		. PLUG, SEAL		1
120	4676-14		. VALVE STEM ASSY		1

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COMPONENT MAINTENANCE MANUAL PN 15900-012 Series



Timer Assy
IPL Figure 4

Monogram Sanitation

COMPONENT MAINTENANCE MANUAL PN 15900-012 Series

FIG. ITEM	PART NUMBER	AIRLINE STOCK NO.	NOMENCLATURE 1 2 3 4 5 6 7	EFF CODE	UNITS PER ASSY
4					
-1	11059-79		TIMER ASSY (SEE IPL FIG. 1 FOR NHA)		RF
5	11509-12-36		. PLATE ASSY, TIMER ATTACHING PARTS		1
10	AN507C832R10		. SCREW ***		2
15	11059-12-33		. PC BOARD, TIMER ATTACHING PARTS		1
20	NAS679C04M		. NUT		2
25	AN960C4		. WASHER		3
30	MS35333-70		. LOCKWASHER		1
35	5411-23		. LUG, TERMINAL, (V86928)		1
40	MS51957-15		. SCREW ***		2
45	AD18-183		. DISCONNECT, FEMALE (V59730)		2
50	MS3470L12-3P		. CONNECTOR		1
55	MS3416-12EN		. CLAMP		1
60	1-480698-0		. PLUG, CONNECTOR (V00779)		1
65	350690-1		. PIN, CONNECTOR (V00779)		2
70	MS35489-4		. GROMMET		1
75	2333-7		. DECAL, I.D.		1
80	11059-1		. ENCLOSURE, TIMER		1
85	207360-1		. PLUG, CONNECTOR (V00779)		1
90	66105-3		. SOCKET, CONTACT (V00779)		2

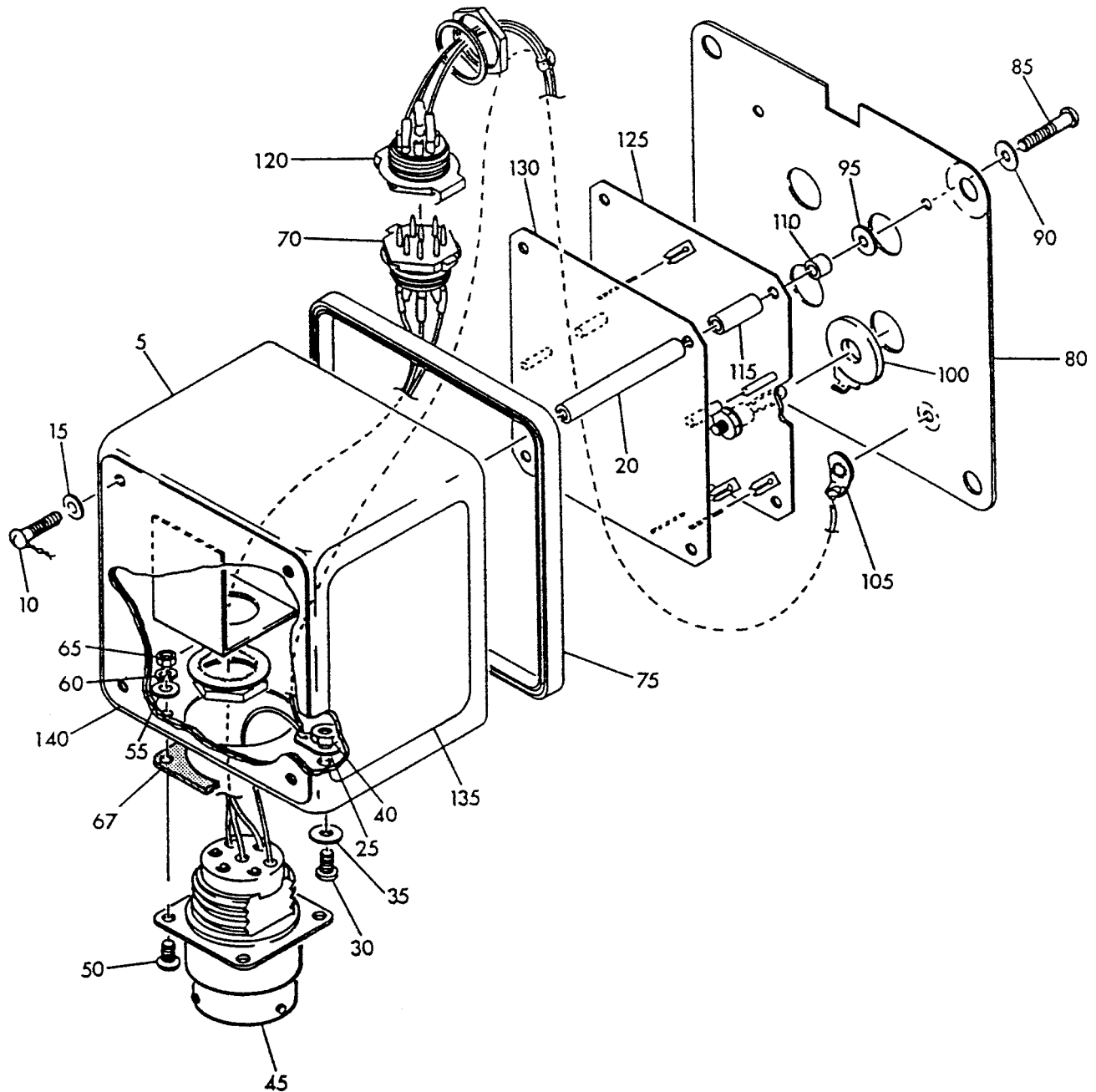
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Monogram Sanitation

COMPONENT MAINTENANCE MANUAL PN 15900-012 Series



Liquid Level Transmitter

IPL Figure 5

Monogram Sanitation

COMPONENT MAINTENANCE MANUAL PN 15900-012 Series

FIG. ITEM	PART NUMBER	AIRLINE STOCK NO.	NOMENCLATURE 1 2 3 4 5 6 7	EFF CODE	UNITS PER ASSY
5 -1	13503-106		LIQUID LEVEL TRANSMITTER (SEE IPL FIG. 1 FOR NHA)		RF
5	13503-036		.CASE ATTACHING PARTS		1
10	MS35275-217		.SCREW		4
15	5610-10-32		.WASHER, NYLON (V86928) * * *		4
20	13503-011		.SUPPORT		4
25	1412-4		.LUG, GROUND (V81312) ATTACHING PARTS		1
30	MS51957-13		.SCREW		1
35	5610-10-32		.WASHER, NYLON (V86928)		1
40	MS5649-44		.NUT * * *		1
45	13503-019		.CONNECTOR ATTACHING PARTS		1
50	MS51957-13		.SCREW		4
55	AN960C4L		.WASHER, FLAT		4
60	MS35338-135		.WASHER, LOCK		4
65	MS35649-44		.NUT * * *		4
67	10-101949-14		.GASKET, SIZE 14 (V9W339)		1
70	M10SLRN		.RECEPTACLE (V81312)		1
75	13503-018		.SEAL		1
80	13503-002		.PLATE, MOUNTING ATTACHING PARTS		1
85	MS51957-21		.SCREW		4
90	5610-10-32		.WASHER, NYLON (V86928)		4
95	AN960C6		.WASHER * * *		3
100	13503-012		.GROMMET		4
105	1412-4		.LUG, GROUND WIRE (V81312)		1
110	13503-009		.SPACER		4
115	13503-010		.SPACER		4
120	M10PLSN		.PLUG, CONNECTOR (V81312)		1
125	13503-108		.PC BOARD, BRIDGE		1
130	13503-109		.PC BOARD, LIGHT DRIVER		1
135	13503-107		.DECAL, SCHEMATIC		1
140	13503-001-00		.NAMEPLATE		1

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