

AIRPLANE WIRING MANUAL REVISION HIGHLIGHTS

MODELS SR22 and SR22T, Revision No.: D6, Dated: 04 Sep 2018

These highlights describe the more significant changes made by this revision.

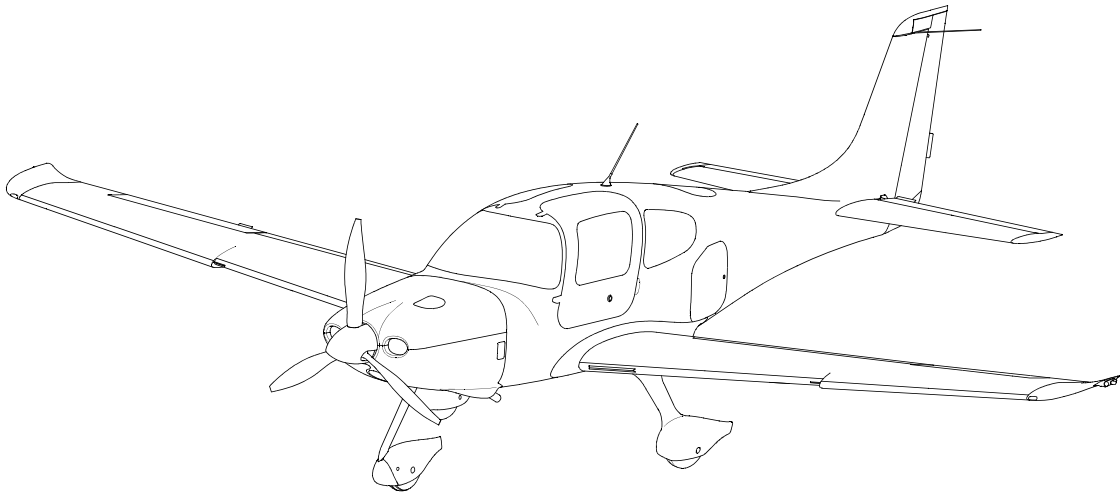
CHAP-SECT	BRIEF DESCRIPTION
	CHAPTER 23
23-20-01 p1	• Incorporated SB2X-23-05
23-20-01 p2	• General updates
	CHAPTER 24
24-50-02 p4	• Incorporated SB2X-95-24
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33-40-01 p16	• General updates
	CHAPTER 77
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	CHAPTER 91
91-10-00 all	• General updates
	CHAPTER 95
95-00-01 p1	• General Updates and incorporated SB2X-95-24

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AIRPLANE WIRING MANUAL

For the CIRRUS SR22 and SR22T

**Aircraft Serials 22-0002 thru 22-4434,
Serials 22T-0001 thru 22T-1459, 22T-1461 thru 22T-1470, 22T-1472**



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INTRODUCTION

1. PURPOSE

This Cirrus Design SR22/22T Airplane Wiring Manual was prepared by Cirrus Design Technical Publications. This manual contains information necessary to enable a trained mechanic to troubleshoot, test, and repair electrical wiring in the Cirrus Design SR22/22T. It also includes information necessary for the mechanic to perform maintenance or make minor repair to wiring in the airplane normally requiring such action on the flight line or in the maintenance hangar.

Note: When part effectivities are conditional to alterations performed on the airplane, such as Service Bulletins or installation of Supplemental Type Certificates, the airplane logbook should be checked to ensure the proper replacement parts are obtained.

Part information for Supplemental Type Certificates (STC) installed on the airplane are not included in this publication. Specifically, part information for airplanes equipped with the Tornado Alley Turbo Inc. "Turbonormalizer" system, installed by STC SA10588SC are not include in this publication. For part information related to any STC installation, refer to the STC's Instructions for Continued Airworthiness.

2. REVISIONS

This manual has been prepared in loose-leaf form for ease in inserting revisions. Numbered tabbed dividers, throughout the manual, are in standard GAMA format and allow quick reference to data in each section. Logical and convenient Tables of Contents are located at the beginning of each chapter to aid in locating specific data within that chapter.

Numbered revisions will be issued periodically. These revisions are printed on white paper and contain a revision instruction sheet to assist the user in filing the change. Upon receipt of a numbered revision, file it according to the provided instructions as soon as possible. Additionally, a record of filing must be made on the Log of Revisions page in the front matter of the Wiring Manual.

3. TEMPORARY REVISIONS

Temporary revisions are used to provide time sensitive information and changes as they become available. Temporary revisions provide, with the least possible delay, new information which assists in maintaining safe and efficient flight/ground operations. Temporary revisions are incorporated at the next regularly scheduled revision and become a permanent part of the manual.

Upon receipt of a Temporary Revision, file the revision in the applicable chapter in accordance with filing instructions that appear on the Temporary Revision. Additionally, a record of filing the Temporary Revision must be made in the Log of Temporary Revisions located in the front matter of the Wiring Manual. Typically, the Log of Temporary Revisions will be replaced by a blank log when a numbered revision is issued.

Temporary Revisions should be removed from this manual only when removal instructions are noted on the regular revision summary sheet or by instructions noted on a superseding Temporary Revision.

4. REVISION BARS

Changes to data in an existing section will be identified by a revision bar in the outer margin of the page. Pointing hands (☞) and/or change bars are used in figures to indicate changes.

5. LEVEL OF COVERAGE

The level of wiring diagram coverage (breakdown) in this manual is to the line replaceable unit (LRU) level. LRUs in this manual are indicated by a phantom line box with the LRU's nomenclature at the top of the box. Normally, there is no electrical breakdown of the LRU. However, as an aid for troubleshooting, the circuit function at each pin/socket at the LRU's connector is normally labeled. Component boxes with a Chapter-Section-Diagram reference in them will have further breakdown at the referenced location.

The wiring diagrams in this manual cover the *as delivered* airplane configuration and airplanes modified by Cirrus Design Service Bulletins only. Documentation for wiring changes or modifications made in any other fashion are the responsibility of the person(s) performing the modification.

Troubleshooting may be performed using this manual and any optional avionics & electrical wiring diagrams provided at delivery of the airplane.

6. WIRING MANUAL ORGANIZATION

The content of this manual is arranged and presented in the same Aircraft Group, Chapter, and Section arrangement as appears in the Airplane Maintenance Manual (AMM) and Illustrated Parts Catalog (IPC). Therefore, the user can usually expect to find coverage of items in the AMM, or IPC, in the same Chapter/Section of the Wiring manual.

The numbering system employed in this catalog is composed of a six-digit number containing three elements. Each element consists of two digits as shown in the following example.

First Element		Second Element		Third Element
Chapter		Section		Diagram
XX	-	XX	-	XX

For example, a wiring diagram Chapter-Section-Diagram numbered 27-30-01 provides the following information: The first element (27) indicates Chapter 27 (Flight Controls); the second element (30) indicates Section 30 (Elevator and Tab); the third element reflects the Diagram Number (Pitch Trim System.) Where these numbers are shown inside component boxes, they are provided as references to the diagram in the Wiring Manual where a detail of that components wiring may be found. Where these numbers are shown at the end of a wire or group of wires, they are provided as references to the location where the wires are continued.

Note: When a diagram is referenced to another, the diagram number only is used. Therefore, where there is more than one page of the referenced diagram, it is necessary to refer to the airplane serial effectivity block, at the lower left corner of the page, to determine that the diagram applies to the aircraft in question.

The page numbers 1 to 100 are used to separate changes in effectivity. The first page (page 1) will show the original configuration. The second page (page 2) and on will shown various configurations on subsequent aircraft. If a diagram requires more than one page for illustration, sheet numbers will be used, e.g. Stall Warning System (1 of 2).

The page numbers 101 and subsequent will be used for component or black box wiring. Page 101 is used for the original configuration. Pages 102 and subsequent are used for subsequent aircraft configurations. If a diagram requires more than one page for an illustration, numbers will be used.

7. ABBREVIATIONS

The following abbreviations have been used throughout this manual:

1 ALT. - Single Alternator	CONFIG - Configuration	P/N - Part Number
2 ALT. - Dual Alternator	DET - Detail	PFD - Primary Flight Display
ALL ELEC. - All Electric	EXHTD - Exhausted	REF or RF- Reference
ALT - Alternate	FUS STA - Fuselage Station	RH - Right Hand
AR - As Required	FWD - Forward	SNDL HSI - Sandel HSI
ASSY - Assembly	INSTL- Installation	SUBS - Subsequent
BHD - Bulkhead	LH - Left hand	W/ - With
BL - Buttock Line	NHA - Next Higher Assy	WS - Wing Station
CNTRY HSI - Century HSI	NP - Not Procurable	

8. AIRCRAFT SERIAL NUMBER EFFECTIVITY

Airplane effectivity for each wiring diagram is indicated in the effectivity box located at the lower left corner of each diagram. Effectivity is given by airplane serial number. Breaks in effectivity are indicated by commas. For example, an effectivity listing of "22-0005, 22-0009 thru 22-0015, 22-0020 and subsequent" indicates that the diagram is effective for airplane serial number 22-0005, skips 22-0006 through 22-0008, is effective for airplane serial number 22-0009 through airplane serial 22-0015, skips airplane serials 22-0016 through 22-0019, and is effective for airplane serials 22-0020 and subsequent.

Note: When effectivities are conditional to modifications, such as Service Bulletins, the airplane logbook should be checked to determine the proper replacement parts.

For content specified with serials followed by "and subsequent" or "& subs", effectivity in this WM ends as follows:

Model	End Effectivity
SR22	22-2234
SR22T	22T-1459, 22T-1461 thru 22T-1470, & 22T-1472

A. Special Conditions

New features are sometimes introduced on a "pilot" airplane before going into regular production. As a result, certain parts or assemblies are installed on a range of airplanes with a "split" or a break in affected serial number range.

For example, a split effectivity listing of "Serials 22-2420, 22-2438 & subs" indicates that the part or assembly is effective for airplane serial number 22-2420, skips airplane serials numbers 22-2421 through 22-2437, and is effective for airplane serials 22-2438 and subsequent.

See the following Special Conditions table, for a list of airplane serial numbers affected by split effectivities.

Serial Number	Special Condition	Disposition
22-1602	Aircraft installed with Primary Engine Instruments.	Unless otherwise noted, refer to serial number 22-1663 for part identification of Engine Instruments.
	Aircraft installed with Environmental Control System with factory installed Air Conditioning.	Unless otherwise noted, refer to serial number 22-2438 for part identification of Environmental Control System.
22-1644	Aircraft installed with Primary Engine Instruments.	Unless otherwise noted, refer to serial number 22-1663 for part identification of Engine Instruments.
22-1821	Aircraft installed with Environmental Control System with factory installed fan.	Unless otherwise noted, refer to serial number 22-1863 for part identification of Environmental Control System.
22-1840	Aircraft installed with Environmental Control System with factory installed Air Conditioning.	Unless otherwise noted, refer to serial number 22-1863 for part identification of Environmental Control System.

Serial Number	Special Condition	Disposition
22-2334	Aircraft installed with G3 Wing and associated systems. Aircraft installed with Aircraft Data Logger (ADL) and associated systems.	Unless otherwise noted, refer to serial number 22-2438 for part identification of systems affected by G3 Wing and ADL installations.
22-2420	Aircraft installed with G3 Wing and associated systems. Aircraft installed with Aircraft Data Logger (ADL) and associated systems.	Unless otherwise noted, refer to serial number 22-2438 for part identification of systems affected by G3 Wing and ADL installations.
22- 2487	Aircraft installed with Perspective Avionics and associated systems.	Unless otherwise noted, refer to serial number 22-3026 for part identification of systems affected by Perspective Avionics installation.
22-2979	Aircraft installed with Perspective Avionics and associated systems.	Unless otherwise noted, refer to serial number 22-3026 for part identification of systems affected by Perspective Avionics installation.
22-2992	Aircraft installed with Perspective Avionics and associated systems.	Unless otherwise noted, refer to serial number 22-3026 for part identification of systems affected by Perspective Avionics installation.
22-3002	Aircraft installed with Perspective Avionics and associated systems.	Unless otherwise noted, refer to serial number 22-3026 for part identification of systems affected by Perspective Avionics installation.
22-3003	Aircraft installed with FIKI Ice Protection and associated systems.	Unless otherwise noted, refer to serial number 22-3403 for part identification of systems affected by FIKI installation.
22-3310	Aircraft installed with FIKI Ice Protection and associated systems.	Unless otherwise noted, refer to serial number 22-3403 for part identification of systems affected by FIKI installation.
22-3326	Aircraft installed with FIKI Ice Protection and associated systems.	Unless otherwise noted, refer to serial number 22-3403 for part identification of systems affected by FIKI installation.
22T-0311	Aircraft installed with digital fuel quantity indication. Aircraft installed with digital deicing fluid level indication.	Unless otherwise noted, refer to serial number 22T-0319 for part identification of systems affected by identified installations.
22T-0312		
22T-0313		
22T-0314		
22T-0316		
22T-0317		

B. Avionics Configuration

Airplane serial effectivities shown in the effectivity column may be further limited by the airplane's avionics configuration. Cirrus Design offers the SR22/22T with the avionics options listed in the table below; therefore, the effectivity block for a wiring diagram may also be limited by the installed avionics.

Serials 22-0002 thru 22-0434:

Configuration A
Moving Map Display (Avidyne MFD)
Two-Axis Autopilot (S-Tec System 30)
Integrated Audio System with Intercom (Garmin GMA 340)
Marker Beacon Receiver (Garmin GMA 340)
Two IFR Approach-Certified GPS (Garmin GNS 430 and Garmin GNC 420)
Two VHF Communications Transceivers (Garmin GNS 430 and Garmin GNC 420)
Single Navigation (VOR/LOC/GS) Receiver (GNS 430)
Mode C Transponder with Altitude Encoder (Garmin GTX 327)
Horizontal Situation Indicator
Course Deviation Indicator

Configuration B
Moving Map Display (Avidyne MFD)
Two-Axis Autopilot (S-Tec System 55X)
Integrated Audio System with Intercom (Garmin GMA 340)
Marker Beacon Receiver (Garmin GMA 340)
Two IFR Approach-Certified GPS (Garmin GNS 430)
Two VHF Communications Transceivers (Garmin GNS 430)
Two Navigation (VOR/LOC/GS) Receiver (GNS 430)
Mode C Transponder with Altitude Encoder (Garmin GTX 327)
Electronic Navigation Display (Sandel SN3308)
Course Deviation Indicator

Serials 22-0435 and subsequent:

Configuration PFD
Moving Map Display (Avidyne MFD)
Primary Flight Display (Avidyne PFD)
Two-Axis Autopilot (S-Tec System 55X)
Integrated Audio System with Intercom (Garmin GMA 340)
Marker Beacon Receiver (Garmin GMA 340)
Two IFR Approach-Certified GPS (Garmin GNS 430)
Two VHF Communications Transceivers (Garmin GNS 430)

EFFECTIVITY:
All

Configuration PFD (Continued)
Two Navigation (VOR/LOC/GS) Receiver (GNS 430)
Mode C Transponder with Altitude Encoder (Garmin GTX 327)
Aircraft Data Logger

Serials 0656 thru 0685, 0687 thru 0717, 0730 thru 0768:

Configuration Centennial
Moving Map Display (Avidyne MFD)
Primary Flight Display (Avidyne PFD)
Two-Axis Autopilot (S-Tec System 55X)
Integrated Audio System with Intercom (Garmin GMA 340)
Marker Beacon Receiver (Garmin GMA 340)
Two IFR Approach-Certified GPS (Garmin GNS 430)
Two VHF Communications Transceivers (Garmin GNS 430)
Two Navigation (VOR/LOC/GS) Receiver (GNS 430)
Mode C Transponder with Altitude Encoder (Garmin GTX 327)
Goodrich SkyWatch
Goodrich Stormscope
Avidyne EMax Engine Monitoring System
Ice Protection System

Serials 22-2979, 22-2992, 22-3002, 22-3026 & subs, 22T-0001 & subs:

Configuration Perspective Avionics
Multi-Function Display (Garmin MFD)
Primary Flight Display (Garmin PFD)
Two-Axis Autopilot (Garmin GFC 700)
<i>Serials 22-2979, 22-2992, 22-3002, 22-3026 thru 22-3827, 22T-0001 thru 22T-0267:</i> Integrated Audio System with Intercom (Garmin GMA 347)
<i>Serials 22-3828 & subs, 22T-0268 & subs:</i> Integrated Audio System with Intercom (Garmin GMA 350)
<i>Serials 22-2979, 22-2992, 22-3002, 22-3026 thru 22-3827, 22T-0001 thru 22T-0267:</i> Marker Beacon Receiver (Garmin GMA 347)
<i>Serials 22-3828 & subs, 22T-0268 & subs:</i> Marker Beacon Receiver (Garmin GMA 350)
Two IFR Approach-Certified GPS (Garmin GIA 63W)
Two VHF Communications Transceivers (Garmin GIA 63W)
Two Navigation (VOR/LOC/GS) Receiver (Garmin GIA 63W)
Mode C Transponder with Altitude Encoder (Garmin GTX 32)

Configuration Perspective Avionics (Continued)
Flight Management System Keyboard (Garmin GCU 478)
Attitude and Heading Reference System (Garmin GRS 77)
Air Data Computer (Garmin GDC 74A)
Engine Airframe Unit (Garmin GEA 71)

Serials 22T-0079 thru 22T-0188, with Option Installed:

Configuration Anniversary
Perspective Avionics Configuration with following options installed:
- 12-inch Garmin MFD/PFD Displays
- Three-Axis Autopilot (Garmin GFC 700)
- Garmin Mode S Transponder
- Dual Attitude and Heading Reference System (Garmin GRS 77)
- Dual Air Data Computer (Garmin GDC 74A)
- Garmin Synthetic Vision
XM Weather/Radio/Remote System
FIKI Ice Protection System
Carbon Monoxide (CO) Detector
Air Conditioning System
Enhanced Vision System
Artex ME406 Emergency Locator Transmitter (ELT)
Terrain Awareness & Warning (TAWS)
Engine Pre-Heater
LED Landing Light
LED Anti-Collision Strobe Light

C. Optional Equipment

Airplane serial effectivities shown in the effectivity column may be further limited by optional equipment installations. Cirrus Design offers the SR22 and SR22T with the optional equipment listed in the table below; therefore, the effectivity column for a figure may also be limited by the installed optional equipment.

Optional Equipment
<i>Serials 22-0002 & subs:</i> L3 SkyWatch
<i>Serials 22-0002 & subs:</i> L3 Stormscope
<i>Serials 22-0002 & subs, 22T-0001 & subs:</i> S-TEC System 55X
<i>Serials 22-0002 & subs:</i> Sandel SN3308 Electronic Navigation Display
<i>Serials 22-0142 & subs:</i> Avidyne EX5000C MFD
<i>Serials 22-0300 & subs:</i> Avidyne EMax Engine Monitoring System

EFFECTIVITY:
All

Optional Equipment
<i>Serials 22-0002 & subs: Avidyne CMax Electronic Approach Charts</i>
<i>Serials 22-0334 thru 22-2437: Basic Ice Protection System</i>
<i>Serials 22-2438 & subs, 22T-0001 & subs: Basic² Ice Protection System</i>
<i>Serials 22-3403 & subs, 22T-0001 & subs: FIKI Ice Protection System</i>
<i>Serials 22-0687 & subs: McCauley Propeller</i>
<i>Serials 22-0821 & subs: Hartzell DF Propeller</i>
<i>Serials 22-2044 & subs, 22T-0001 & subs: Hartzell Composite Propeller</i>
<i>Serials 22-0821 & subs, 22T-0001 & subs: Garmin Mode S Transponder</i>
<i>Serials 22-1036 & subs, 22T-0001 & subs: Honeywell Terrain Awareness and Warning System</i>
<i>Serials 22-1104 & subs, 22T-0001 & subs: XM Weather System</i>
<i>Serials 22-3828 & subs, 22T-0268 & subs: Iridium Weather System</i>
<i>Serials 22-1307 & subs, 22T-0001 & subs: Flight Director</i>
<i>Serials 22-1511 & subs, 22T-0001 & subs: XM Radio System</i>
<i>Serials 22-1821, 22-1863 & subs, 22T-0001 & subs: Cabin Air Fan Assembly</i>
<i>Serials 22-1602, 22-1840, 22-1863 & subs, 22T-0001 & subs: Air Conditioning System</i>
<i>Serials 22-1863 & subs, 22T-0001 & subs: Artex ME406 Emergency Locator Transmitter (ELT)</i>
<i>Serials 22-2979, 22-2992, 22-3002, 22-3026 & subs, 22T-0001 & subs: Bendix/King Distance Measuring Equipment</i>
<i>Serials 22-2979, 22-2992, 22-3002, 22-3026 & subs, 22T-0001 & subs: Bendix/King Automatic Direction Finder</i>
<i>Serials 22-2979, 22-2992, 22-3002, 22-3026 & subs, 22T-0001 & subs: Garmin Synthetic Vision</i>
<i>Serials 22-2979, 22-2992, 22-3002, 22-3026 & subs, 22T-0001 & subs: Garmin GMC 705 AFCS Mode Controller</i>
<i>Serials 22-2979, 22-2992, 22-3002, 22-3026 & subs, 22T-0001 & subs: Enhanced Vision System</i>
<i>Serials 22-2979, 22-2992, 22-3002, 22-3026 & subs, 22T-0001 & subs: Yaw Axis Servo</i>
<i>Serials 22-2979, 22-2992, 22-3002, 22-3026 & subs, 22T-0001 & subs: Garmin GRS 77 AHRS (Secondary)</i>
<i>Serials 22-2979, 22-2992, 22-3002, 22-3026 & subs, 22T-0001 & subs: Garmin GMU 44 Magnetometer (secondary)</i>
<i>Serials 22-2979, 22-2992, 22-3002, 22-3026 & subs, 22T-0001 & subs: Carbon Monoxide (CO) Detector</i>
<i>Serials 22-4164 & subs, 22T-0954, 22T-0963 & subs: MD302 Standby Attitude Module</i>
<i>Serials 22-4300 & subs, 22T-1233 & subs: Garmin GDL 88 Universal Access Transceiver</i>
<i>Serials 22-4300 & subs, 22T-1233 & subs: Garmin Flight Stream 210 Wireless Cockpit Transceiver</i>
<i>Serials 22-4300 & subs, 22T-1233 & subs: Remote Keyless Entry and Ambient Convenience Lights</i>

D. Notes Affecting Effectivity

Service Bulletins - Installation of Service Bulletins are shown by notations in the effectivity or by flag notes on the face of the diagram. The term “Before SB 2X-XX-XX” in the effectivity box indicates that

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EFFECTIVITY:
All

I the diagram effectivity is as written unless SB 2X-XX-XX was installed. The term “After SB 2X-XX-XX” in the effectivity box indicates that the part effectivity is as written when SB 2X-XX-XX is installed. If the wiring change because of the Service Bulletin is small, the wiring change may be indicated on the face of the wiring diagram with a flag note. In this case, no entry will be made in the effectivity box.

9. ELECTRICAL LOAD ANALYSIS AND BUS SCHEMATICS

An electrical load analysis showing individual circuit loads and bus schematics showing system current flow for normal operation and during circuit failure is provided in 91-00-00 of this manual.

10. CONNECTOR, SWITCH, AND RELAY DATA

A connector list showing a diagram of the pin/socket locations in each plug/jack as well as specific data relating to the connector is provided in 91-10-00 of this manual. Switch and relay identification tables are also provided.

11. WARNINGS, CAUTIONS, AND NOTES

Warnings, Cautions, and Notes are used to highlight or emphasize important points.

WARNING: Warnings call attention to use of materials, processes, methods, procedures, or limits which must be followed precisely to avoid bodily injury.

CAUTION: Cautions call attention to methods and procedures which must be followed to avoid damage to equipment.

Note: Notes call attention to methods which make the procedure easier.

12. PUBLICATION CHANGE REQUEST FORM

A Publication Change Request form can be found online at the following link:

<http://servicecenters.cirrusdesign.com/TechPubs/serviceloopform.asp>

Use the form to submit a Publications Change Request to our Engineering Department and/or to tell us what you think of the quality of the publication. We will use the data you provide us to improve the quality of our technical publications.

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CHAPTER

20

**STANDARD
PRACTICES:
AIRFRAME**

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CHAPTER 20 - STANDARD PRACTICES: WIRING

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STANDARD PRACTICES: WIRING

1. GENERAL

This chapter contains requirements and procedures for the fabrication, repair, and marking of wire harness assemblies, cables, and wires. All wiring repairs and marking of wire harness assemblies, cables, and wires should be accomplished in accordance with the procedures in this chapter and in accordance with FAA Advisory Circular AC 43-13 (latest revision).

A. Terminology

The following terms are used throughout this chapter. The maintenance technician should be familiar with the following definitions, materials, and procedures:

- Wire: An individual insulated wire. Either stranded or solid.
- Cable: A multi-conductor cable. In most cases this is a shielded twisted-wire cable that is jacketed with a Teflon material.
- Wire Bundle: A group of wires and/or cables that are tied together using tie string, tie wraps, or other methods. In some cases the wire bundle may be covered with an external sheath.
- Wire Harness: A complete assembly including a wire bundle and the associated connectors, fasteners, and markings.
- Plug: A connector with female pins (sockets) normally used on the power side (coming from an electrical source) of a connection of two or more bundles or devices.
- Jack: A connector with male pins normally used on the device side of a connection.

B. Wire and Cable Marking

Wire marking aids the technician in locating and identifying individual wires within a wire bundle. Wire marking consists of a combination of letters and numbers that identify the wire, circuit or system, wire gauge, and additional data that helps in wire identification.

(1) Numbering

- (a) Wires are numbered to identify the system, circuit, wire number, wire gauge, and signal type. For example, wire ANGP003-20N indicates a 20 AWG ground wire for the GPS receiver.
- (b) Each wire is numbered within 6 inches of the termination at each end and every 12 to 15 inches along the length of the wire with the following exceptions:
 - 1 Wires less than 6 inches in length may not be marked.
 - 2 Wires installed within conduit are marked within 6 inches of termination ends.
 - 3 Wires 6 to 24 inches in length and having one end terminated by a terminal ring, spade lug, or soldered to a device are marked by a single marker on the external connector end.
 - 4 Assemblies consisting of a single wire with terminal rings or spade lugs on each end and not having a wire number are not marked but are labeled with the part's assembly number and revision level.
 - 5 Wires 6 to 24 inches in length, not meeting the above criteria, are marked within 6 inches of each termination end.

(2) Marking

- (a) Wires are marked by stamping directly onto the wire insulation, or are marked by attaching printed sleeving or tape.
- (b) Each wire and/or cable is marked by using the codes listed in Figure 20-001.

C. Wire Harness Marking

Wire harnesses are also marked for ease of identification during fabrication and installation. Wire harnesses are marked using the following methods:

(1) Markings

Each wire harness shall be marked with a unique number that identifies its location in the airplane. Wire harness numbers shall start with a "W" followed by a unique three (3) digit number that corresponds to the wire harness location. The following numbering convention is used:

- (a) 001-299 Firewall Forward
- (b) 300-399 Left Wing
- (c) 400-499 Right Wing
- (d) 500-999 Fuselage

Wire harnesses are marked with a tag that identifies the wire harness number and the wire harness part number. This tag is attached to the wire harness adjacent to the plug or jack that provides primary power or signals to the wire harness.

D. Plug and Jack Marking

Plugs and jacks are marked to aid in identification during fabrication, installation, and troubleshooting. Plugs and jacks are be marked using the following methods:

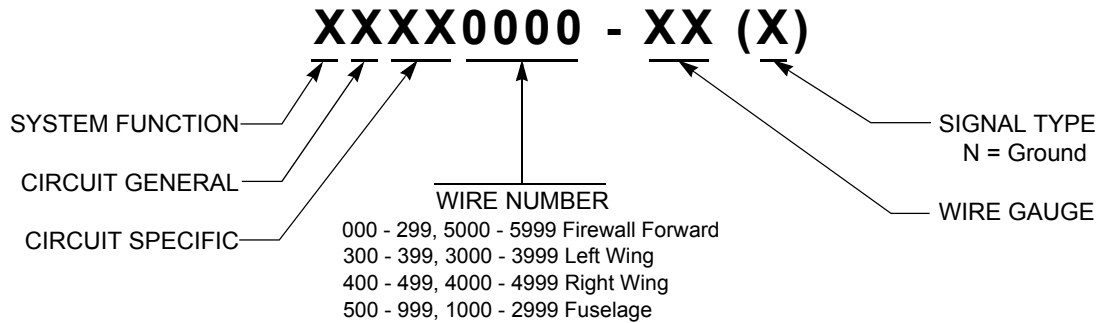
(1) Markings

Plugs and jacks are marked with a unique number that identifies their location in the airplane. The first character is a "P" for plugs or a "J" for jacks. The plug or jack designation is followed by a unique three (3) digit number that corresponds to the plug/jack location. The following numbering convention is used:

- (a) 001-299 Firewall Forward
- (b) 300-399 Left Wing
- (c) 400-499 Right Wing
- (d) 500-999 Fuselage

Plugs and jacks are marked with a tag that identifies the plug or jack number. This tag is attached to the wire harness adjacent to the plug or jack.

Relay bases or sockets do not require marking. Bases are directly marked with paint or visible permanent marker with the base identification number.



SYSTEM / CODE	CIRCUIT, GENERAL	CIRCUIT, SPECIFIC
Power (P)		
BAPR	Generation	Battery 2
PAC	Power	Air Conditioning
PACC	Power	Autopilot
PACF	Ground	PFD Cooling Fan
PADL	Power	ADL
PAPS	Power	Pitch Servo
PARS	Power	Roll Servo
PAYS	Power	Yaw Servo
PBLU	Ground	Air Conditioning
PCAU	Power	Audio Panel
PCP	Power	Convenience Power
PCPR	Power	Convenience Power
PDM	Power	DME
PEP		Entertainment Power
PFD	Navigation	Display
PG	Shield Ground	Flaps
PGAL	Generation	Alternator
PGCB	Generation	Circuit Breaker
PGCF	Power	Avionics Cooling Fan
PGEA	Power	GEA
PGLV	Generation	Low Voltage

Figure 20-001
Wire Number Codes (Sheet 1 of 4)

EFFECTIVITY:
All

SYSTEM / CODE	CIRCUIT, GENERAL	CIRCUIT, SPECIFIC
PGMS	Generation	Master Switch
PGST	Generation	Starter
PMCF	Power	MFD Cooling Fan
PNAD	Power	ADF
PNDM	Power	DME
PPCF	Power	PFD Cooling Fan
PRDM	Power	ADL
PXF	Power	Transponder Cooling Fan
PXM	Power	XM Weather
Avionics (A)		
AACC	Autopilot	Controller/Computer
AAGP	Autopilot	GPS
AAPT	Autopilot	Pitch Trim
AART	Autopilot	Roll Trim
ACAU	Communications	Audio
ACEA	Data	GEA
ACEL	Shield Ground	ELT
ACFD	Switch	TO/GA Switch
ACMD	MFD	Display
ACMS	Switch	Avionics Switch
ACPD	Data	PFD
ACSB	Data	GEA
ACTL	Communications	Telephone
ACTX	Communications	Transponder
ACVH	Communications	VHF Radio
AEVS	Data	EVS
ANAD	Navigation	ADF
ANAU	Navigation	Audio
ANDM	Navigation	DME
ANEG	Navigation	TAWS

Figure 20-001
Wire Number Codes (Sheet 2 of 4)

SYSTEM / CODE	CIRCUIT, GENERAL	CIRCUIT, SPECIFIC
ANFM	Power	Keypad
ANGP	Navigation	GPS
ANHS	Navigation	HSI
ANMD	Navigation	Display
ANRS	Data	AHRS, Air Data
ANSK	Data	Skywatch
ANSS	Data	Stormscope
ANTA	Power	Skywatch
ANVH	Navigation	VHF Radio
ANXM	Data	XM Weather
Instruments (I)		
ANEN	Power	Engine Instruments
IEFL	Engine Indicator	Fuel Level
IEHB	Engine Indicator	Hobbs
IEOP	Engine Indicator	Oil Pressure
IEOT	Engine Indicator	Oil Temperature
INFD	Navigation	Flux Detector
INHS	Navigation	HSI
IPAT	Power	Attitude 2
IPCL	Power	Clock
IPEI	Power	Engine Instruments
IPHS	Power	HSI
IPTC	Power	Turn Coordinator
IPVA	Power	Volt/Amp
IPYT	Power	Yaw Trim
ISAN	System Indicator	Annunciator
ISOA	System Indicator	OAT
Engine (E)		
EEFP	Electric	Fuel Pump
EFGS	Switch	Gascolator

Figure 20-001
Wire Number Codes (Sheet 3 of 4)

EFFECTIVITY:
All

SYSTEM / CODE	CIRCUIT, GENERAL	CIRCUIT, SPECIFIC
EPMA	Power	Magnetos
Lights (L)		
LELD	Exterior	Landing
LENV	Exterior	Navigation
LEST	Exterior	Strobe
LIBG	Interior	Baggage
LICB	Power	Attitude 2
LIFL	Interior	Flood
LIIL	Interior	Instrument Lights
LILS	Ground	Dimmer Switch
Controls (C)		
CAC	Control	Air Conditioning
CASD	Switch	Autopilot Disconnect
CFL	Flaps	
CPT	Pitch Trim	
CRT	Roll Trim	
CSAC	Power	Air Conditioning
CSAV	Switch	Avionics Switch
CSIC	Power	Ice Protection
CSMS	Switch	Master Switch
CSST	Switch	Starter Switch
CSTM	Switch	Trim Switch
CSVA	Switch	Vacuum
CSYT	Switch	Yaw Trim
SSW	Switch	Stall Warning

Figure 20-001
Wire Number Codes (Sheet 4 of 4)

2. FAULT ISOLATION

Malfunction symptoms will normally be a result of operational checkout or functional test procedures that fail at some point. Discrepancies must be resolved before the procedures can be completed. Another source of malfunction symptoms are the crew member squawks.

WARNING: Use extreme caution when performing maintenance operations on the airplane.

Unless otherwise instructed, troubleshooting will be performed with the system de-energized.

If a circuit is being tested with a lampload or a Meggar which may result in arcing, safety procedures relating to fuel vapors must be observed.

Do not wear rings, wrist watches, metal bracelets, or other jewelry which can cause a short circuit resulting in serious injury.

Repairing or troubleshooting of wiring must be accomplished by referring to the electrical wiring diagrams contained in this manual.

After the malfunction is cleared, perform appropriate operational checkout or functional test procedure.

In light circuits with only one lamp, the isolation procedure usually starts with the possibility of a defective lamp. In a light circuit that has two or more lamps, the isolation procedures do not isolate defective lamps. A fault that results from shorted light circuits is often caused by foreign metal objects that have fallen into the wiring or by pinched wires resulting from maintenance work on other equipment in the area. A thorough visual inspection may often locate a fault in shorted light circuits.

A. Test Leads

When using test leads to make voltage checks, the following procedures shall be followed:

- (1) Inspection/Test
 - (a) Remove system power.
 - (b) Disconnect applicable connector.
 - (c) Install test lead between designated connector or receptacle pins which complete circuit to be tested.
 - (d) Apply system power and perform check.

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WIRING REPAIR

1. GENERAL

This section contains procedures applicable to the fabrication and repair of wire harness assemblies, cables, and wires. All wiring repairs of wire harness assemblies, cables, and wires shall be accomplished in accordance with the procedures in this chapter and in accordance with FAA Advisory Circular AC 43-13 (latest revision).

2. MAINTENANCE PRACTICES

A. Stripping Insulation and Shielding

- (1) Strip Insulation, Single Conductor
 - (a) Wire insulation is stripped with a hand held wire stripper. Ensure wire is placed in correct slot for the wire size.
 - (b) The handles should be squeezed in a smooth continuous motion as not to nick or kink the wire.
- (2) Strip Cable Jacket and Shielding

Cable jackets and shielding are stripped with a sharp razor blade (or coaxial cable stripper) and a sharp pair of flush-cut pliers. To remove the jacketing of a multi-conductor cable:

 - (a) Score jacketing with razor blade around entire circumference of cable.
 - (b) Bend cable at score mark and break jacketing. If cable jacketing does not break, repeat scoring and bending process until it breaks. Some jacketing can be slid off end of cable after breaking process. Score jacketing from break point to end of cable and bend cable to break along score line.
 - (c) Mark strip length on shielding then slide shielding from exposed end to produce slack in shielding and trim with flush-cut pliers completely around cable at mark.
 - (d) Remove excess shielding.
 - (e) Inspect all wires and cables after stripping for unintentional breaks in insulation and nicks or broken strands of wire in the stripped area.

B. Crimping

Crimping of any device on end of stripped wire is done with crimping tool specified by manufacturer or equivalent crimping tool.

- (1) Crimp Machine Pins or Sockets
 - (a) Strip wire to correct length so wire is showing in hole on side of pin/socket (witness hole) and not protruding past end of pin/socket.
 - (b) Place pin socket into crimping device and insert wire into pin/socket.
 - (c) Using a smooth continuous stroke, squeeze handle of crimping tool until crimp is complete (the handle will not release until crimp is complete).
 - (d) Inspect crimp by pulling on wire. The crimp should hold. If crimp does not hold, crimping tool should be checked and/or recalibrated.
 - (e) Bend wire directly behind pin/socket to inspect that insulation does not protrude into crimp portion of pin/socket and that wire does not extend more than 0.032 inch (0.8 mm) past end of pin/socket.
- (2) Crimp Continuous Roll Pins or Sockets
 - (a) Strip wire to a length that allows wire insulation to be secured by insulation grip and stripped wire to be gripped by wire grip(s).
 - (b) Insert pin/socket into correct size slot of crimping tool and squeeze crimping tool until pin is secure (but not crimped).
 - (c) Insert wire with end of insulation located between insulation grip and wire grip.

- (d) Using a smooth continuous stroke, squeeze handle of crimping tool until crimp is complete (the handle will not release until crimp is complete).
- (e) Inspect crimp by pulling on wire. The crimp should hold. If crimp does not hold, crimping tool should be checked and/or recalibrated.
- (f) Verify end of insulation is located between insulation grip and wire grip. The insulation grip should snugly capture insulation.
- (3) Crimp Terminal Rings
 - (a) Insert terminal into correct size slot of crimping tool and squeeze crimping tool until terminal ring is secure (but not crimped).
 - (b) Insert stripped wire into wire grip hole so that wire insulation is completely within terminal ring insulation (or insulation grip on uninsulated terminals) and wire is just visible on terminal ring end.
 - (c) Using a smooth continuous stroke, squeeze handle of crimping tool until crimp is complete (the handle will not release until crimp is complete).
 - (d) Inspect crimp by pulling on wire. The crimp should hold. If crimp does not hold, crimping tool should be checked and/or recalibrated.

C. Soldering

- (1) General
 - (a) Acquire necessary tools, equipment, and supplies.

Description	P/N or Spec.	Supplier	Purpose
Solder, Soft, Rosin Core At least 60% tin and 40%, or less, lead.	50412-001 QQ-S-571 QQSS571 QQS571F Type RMA	Any Source	Solder low temp joints.
Solder, Silver, Rosin Core At least 60% tin, less than 40% lead, and minimum 2% silver.	50036-001 QQ-S-561F QQ-B-654	Any Source	Solder high temp joints.

- (2) Soldering Two Wires
 - (a) Strip both wires approximately 0.5 inch (13 mm).
 - (b) Slide a 1.0 inch (25.4 mm) or more piece of heat shrink of correct size onto one of the wires.
 - (c) Untwist wire strands until straight on both wires. Push wire ends together meshing strands. Twist meshed wires together.
 - (d) Apply solder paste and heat solder until all strands are full and not overflowing.
 - (e) Inspect solder joint to ensure that solder has flowed into splice.
 - (f) Slip heat shrink sleeve over joint and apply heat using a heat gun until heat shrink has uniformly sealed the splice.
- (3) Soldering a Wire to a Device
 - (a) If required, slide a piece of heat shrink sleeve over wire prior to soldering wire to device (terminal, contact, etc.).
 - (b) If necessary, conform end of wire to a shape that will enhance mechanical strength of joint (e.g. for a terminal post wrap, position stripped portion of wire around post).
 - (c) While holding pre-tinned and pasted wire onto device, simultaneously apply heat and solder to device/wire. Melt solder into joint until all gaps are filled but not overflowing.
 - (d) Inspect solder joint to ensure that solder has flowed into all gaps.

- (e) Slip heat shrink sleeve over joint and apply heat using a heat gun until heat shrink has uniformly sealed the splice.

D. Solder Sleeve Splices

The solder sleeve is a durable and reliable alternative to traditional crimping methods. Made of heat shrinkable thermoplastic, the sleeve contains a fluxed solder pre-form which provides the exact amount of solder and flux required to connect coaxial wire to the contact. The solder sleeve's one-piece, pre-assembled design makes application as easy as stripping the wire, inserting it and heating the contact. After shrinking, the sleeve acts as an insulator and provides strain relief for the solder joint.

E. Heat Shrink/Shrinkable Devices

Heat shrink is a sleeved material used as a replacement for wire insulation during wire harness fabrication, installation, and repair. Heat shrink sleeves shrink to approximately half the original diameter during heating. Heat shrinkable devices are used for joining and splicing wires and often contain solder in a shrinkable housing. Shrinkable devices include solder sleeve splices (with or without lead wire), and cap splices.

(1) General

- (a) Cut heat shrink to twice the length of exposed area to be covered.
- (b) Size heat shrink to ensure the heat shrink is not loose after shrinking.
- (c) Size heat shrinkable devices to ensure the device is not loose after shrinking.
- (d) Prior to installation, inspect each sleeve to ensure that the sleeve is not damaged.
- (e) Heat shrink may be used for repairing nicks or cuts in wire insulation.
- (f) Heat shrinkable devices without grounding wires may be substituted for heat shrinkable devices with grounding wires and vice versa provided the above regulations and installation methods are followed.

(2) Installation of Heat Shrink and Shrinkable Devices

- (a) Install heat shrink sleeve shrinkable device on end of wire and apply heat using a heat gun. When heating soldering device, solder sleeve must be melted to a fluid state, and ends shrunk before heating process is complete.
- (b) Inspect that solder has flowed into wire being soldered. Reheat as necessary.

F. Splicing

Splicing of electric wire should be kept to a minimum and avoided entirely in locations subject to extreme vibrations. Individual wires in a group or bundle may be spliced provided the completed splice is located so it can be periodically inspected. Stagger splices so bundle does not become excessively enlarged. Many types of aircraft splice connectors are available for use when splicing individual wires. Use of a self-insulated splice connector is preferred, however, a non-insulated splice connector may be used provided the splice is covered with plastic sleeving and secured at both ends.

(1) Solder Splices

Solder splices may be used, however, they are particularly brittle and not recommended. Splices are subject to the following:

- (a) There shall be not more than one splice in any one wire segment between any two connectors or other disconnect points.
- (b) Stagger splices in bundles so as to not increase size of bundle which could prevent bundle from fitting in designated space or cause congestion adversely affecting maintenance.
- (c) Do not use splices to salvage scrap lengths of wire.
- (d) Do not use splices within 12 inches of a termination device, except for the following:
 - 1 Attaching to pigtail spare lead of a potted termination device.
 - 2 Splicing multiple wires to a single wire.
 - 3 Adjusting wire sizes to be compatible with contact crimp barrel sizes.

G. Terminating

- (1) General
 - (a) All wires must be terminated with the appropriate device.
 - (b) Open or spare wires should be capped using heat shrink tubing.

H. Connectors

- (1) General
 - (a) Refer to manufacturers installation details.

I. Coaxial Cable

- (1) Radio Rack Connectors
 - (a) Refer to the manufacturer's installation details.
- (2) BNC Crimp Type Connectors
 - (a) Refer to manufacturer's instructions.

J. Routing Wires and Wire Bundles

- (1) General
 - (a) Route engine compartment wires so that sufficient slack is provided near connectors to account for engine vibration and torque.
 - (b) Route wires at least 3.0 inches (76 mm) away from control cables and moving parts. When 3.0 inches (76 mm) separation cannot be achieved, a clamp or guard must be used.
 - (c) Run wires parallel and above combustible fluid lines, and maintain a 6.0 inch (152 mm) clearance whenever possible. When a 6.0 inch separation cannot be achieved, wires must be clamped away from combustible fluid lines and have a minimum of 0.5 inch (13 mm) clearance.
 - (d) Use a bulkhead connector to pass wires through a bulkhead, rib or panel. When a connector cannot be used, secure wires and use grommets to protect wires.
- (2) Tying
 - (a) Ties may consist of any knot which firmly secures bundle, cannot be easily loosened, and is not excessive in size.
 - (b) Lacing cord, tie wraps, adel clamps or other approved methods must be used to hold loose wires together to form a bundle.
 - (c) Adel clamps must be sized to ensure that clamp does not pinch wires or bundles, and positioned so that wires or bundles are supported with less than 0.5 inch (13 mm) of deflection between support points. This measurement may be exceeded if there is no possibility of wires or bundles touching a surface which may cause abrasion.
 - (d) Bundles should be laced before and after every branch break, and at least every 12 inches (305 mm). Thicker wires and bundles with more bends may need lacing more often. Bundles installed in conduit only need to be laced at exposed ends.

K. Chafing Protection

- (1) General
 - (a) Chafing protection should be used whenever wires or bundles pass within 0.25 inches (6.3 mm) of structures which would cause abrasion to the wire insulation.
 - (b) Grommets or flexible grommets should be used as chafing protection when wires pass through holes in structures.
 - (c) Flexible grommets may be used in holes or along edges not suitable for standard grommets. This material should be fastened to metal using RTV silicon adhesive, or equivalent. This material should be fastened to composite using 5-minute epoxy or equivalent.

L. Lightning Protection Over-Braiding of Wire Harnesses and Coax Cables**(1) General**

Lightning protection is provided by over-braid essential wire harnesses and/or cables that have been determined to be susceptible to indirect effects of lightning. Wire harness shall be sent to an approved vendor for over-braiding.

Note: Over-braided wire harnesses and coax cables do not require wire marking since over-braiding will cover the marking. Connector tags and wire harness tags are installed after over-braiding.

String tie should be used only at branches to minimize deformities in the over-braid. As necessary, electrical or cloth tape can be used to secure wire bundles.

(a) Lightning protection over-braid of wire harnesses shall be in accordance with the following:

- 1** Material: 36 AWG tinned copper wire per ASTM-B-33.
- 2** Coverage: 98% - 100% optical (i.e. cannot see wiring under braid).
- 3** Braid Coverage Area: Per CDC drawing.
- 4** Braid Tails: Each tail shall be a minimum of 6.0 inches (152 mm) long prior to terminal ring installation.
- 5** Braid Ends: Other than braid tails, all other branches should be terminated as close to connector as possible with a back braid to provide a clean end. On connectors with backshells, the braid shall be captured by the connector backshell. On connectors without backshells or branches without connectors, the over-braid may be secured to the wire bundle using plastic tie-wraps. Typically, this is not required since the over-braid and back braid create a secure termination.
- 6** Splices/Broken Wires: Must be trimmed without affecting coverage area as defined above.

(2) Coax Cable Over-Braid Specification

- (a)** Coax cables shall be sent to an approved vendor for over-braiding.
- (b)** Lightning protection over-braid of coax cables shall be in accordance with the general over-braid specification above.

(3) Inspection

Note: During inspection, the wire harness/coax cable shall be laying flat with branches extending outward from main branch.

(a) Inspection of completed over-braid assemblies shall use the following criteria for pass/fail:

- 1** Over-braid should completely cover defined area with minor openings in braid. Openings (holes) are not to exceed 0.125 inch (3.18 mm) diameter and no more than five openings in a 6.0 inch (152 mm) section of over-braid.
- 2** Connector backshells shall secure over-braid under backshell.
- 3** Terminal rings crimped to braided tails shall be crimped in accordance with this section. Braided tails shall be trimmed as short as possible to minimize induced current.
- 4** Branches that terminate at connectors without backshells or with no connectors shall be secured on wire bundle. Plastic tie-wraps may be used to secure over-braid.

(b) Conformal Coating of Circuit Card Assemblies

M. Conformal Coating Process

- (a) Acquire necessary tools, equipment, and supplies.

Description	P/N or Spec.	Supplier	Purpose
Clear Acrylic Sealer	S02000	Sherwin Williams	Sealant.
Clear Polyurethane	1A33	Humiseal	Sealant.
Masking Tape	-	Any Source	Masking.
Isopropyl Alcohol	TT-I-735 Grade A or B	Any Source	Cleaning.

- (b) Clean CCA and allow to dry thoroughly prior to application of conformal coating.
(c) Mask off all areas that will not be coated. Ensure that all edges of masking tape are pressed down to maintain a good seal.

Note: Switches, connectors, through-hole circuit board solder pads that will be used, annunciators, LEDs, and lights should not be coated.

- (d) While keeping circuit card as flat as possible, apply three layers of conformal coating. Use the following techniques to ensure uniform application for each layer:
- 1 Spray from top-to-bottom then from side-to-side (this will apply two thin layers rather than 1 thick coat).
 - 2 Hold spray nozzle 10 to 12 inches (25.4 to 30.5 cm) from CCA surface.
 - 3 Use a stroking motion.
- (e) Allow circuit card to dry thoroughly between layers (approximately ½ hour).
(f) After third layer is completely dry, measure conformal coating to ensure that coating is 0.003 +0.002/-0.001 inch (0.076 +0.050/-0.025 mm) thick. If required, add additional layers to achieve correct coating thickness.
(g) Remove masking tape from masked components. If necessary, use isopropyl alcohol to remove residual adhesive.

N. Discrete LED Lamps

(1) LED Strain Relief

- (a) Provide adequate strain relief to discrete LEDs in wire harnesses as follows:
- 1 Before soldering wires to LED legs, trim legs to 0.2 to 0.3 inch (5.1 to 7.6 mm).
 - 2 Solder wire to leg. ([Refer to 20-10](#))
 - 3 Protect individual legs after soldering with a minimum of 0.5 inch (12.7 mm) of heat shrink.
 - 4 Heat shrink LED legs together for strain relief.

CHAPTER

21

**ENVIRONMENTAL
SYSTEMS**

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CHAPTER 21 - ENVIRONMENTAL SYSTEMS**LIST OF EFFECTIVE PAGES**

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21-20-03	5	01 MAY 2012
21-50-01	1	31 MAY 2011
21-50-01	2	31 MAY 2011
21-50-01	3	01 MAY 2012

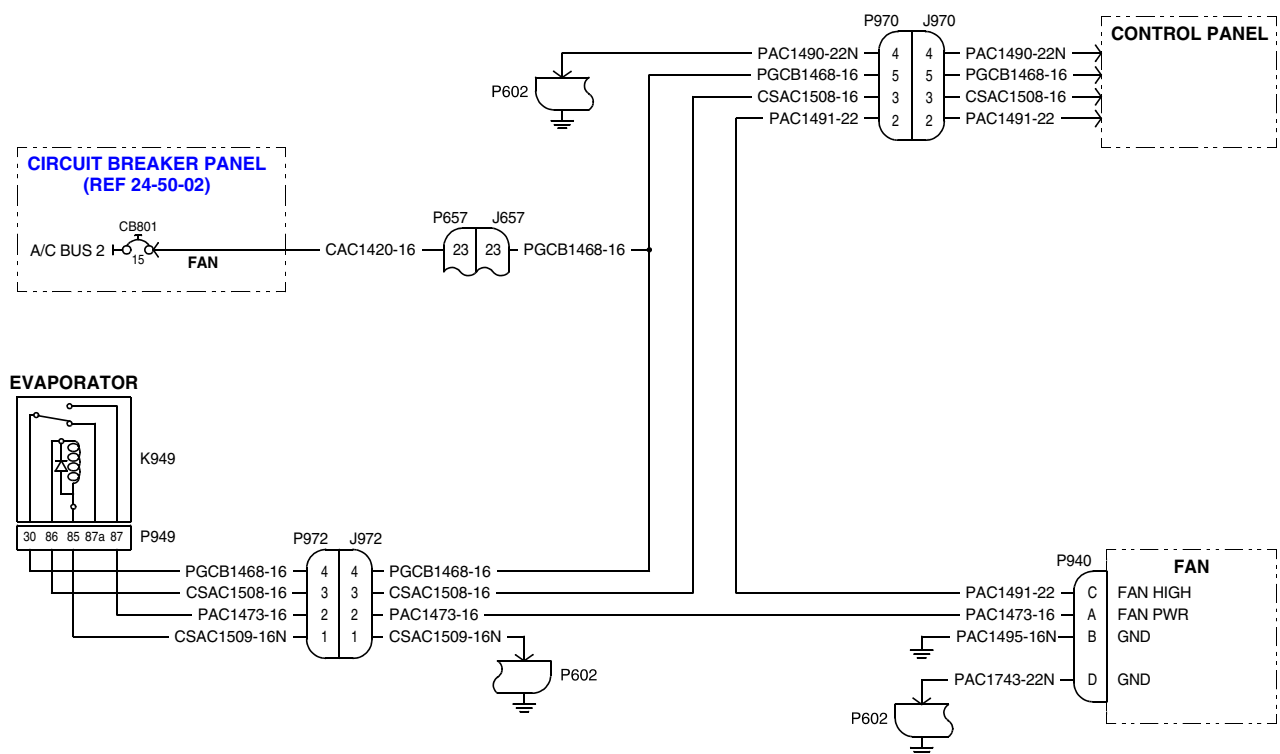
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Cabin Air Fan Assembly - Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs	21-20-01
Cabin Air Vent Assembly - Serials 22-2438 & subs w/o Perspective	21-20-02
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Cooling System - Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs	21-50-01

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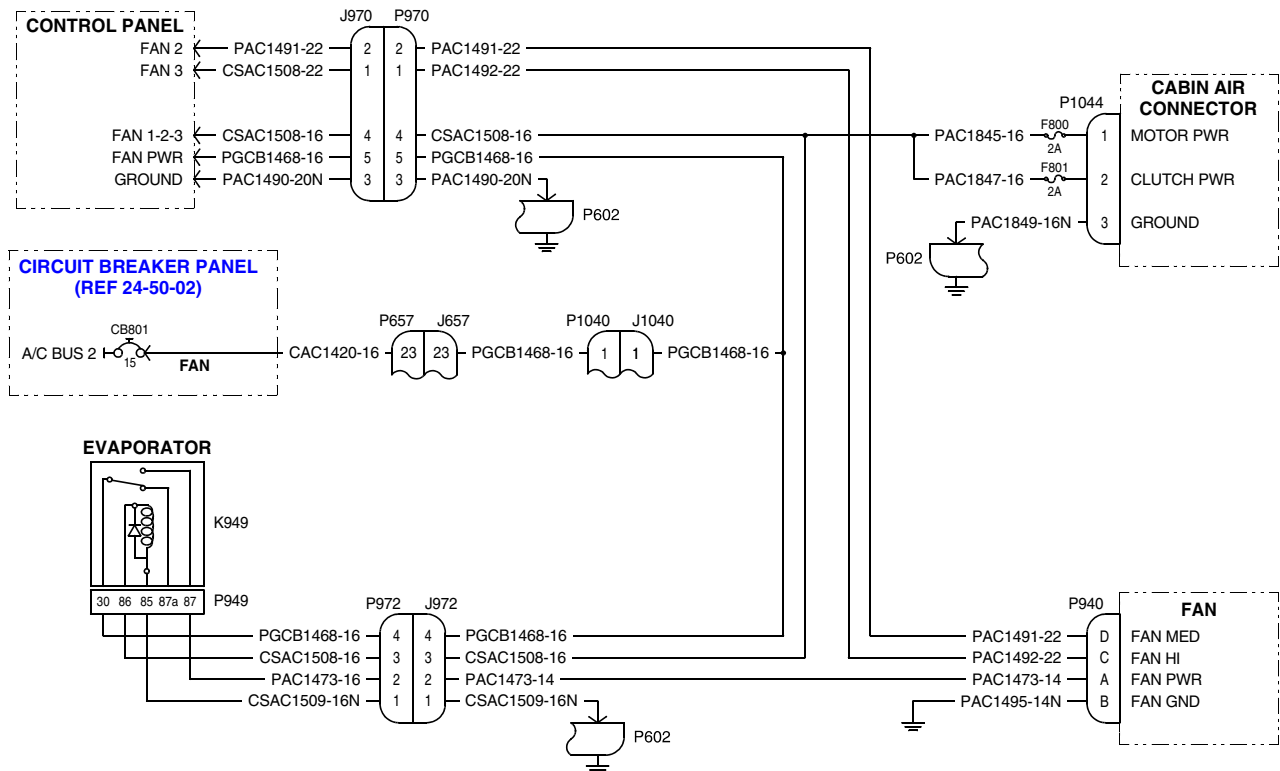
Refer to 91-10-00 for connector and pin information.

WM17150_2

Figure-01
Cabin Air Fan Assembly - Serials 22-1821, 22-1863 thru 22-2437

EFFECTIVITY:
Serials 22-1821, 22-1863 thru 22-2437

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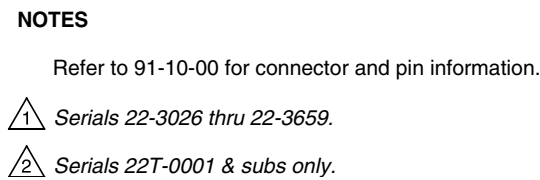
Refer to 91-10-00 for connector and pin information.

WM18551_02

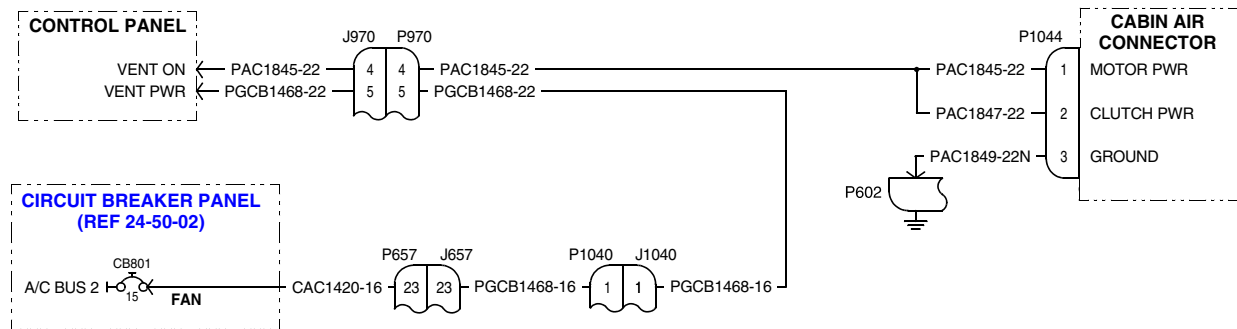
Figure-01
Cabin Air Fan Assembly - Serials 22-2438 & subs w/o Perspective

EFFECTIVITY:
Serials 22-2438 & subs w/o Perspective

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WM24504-03C



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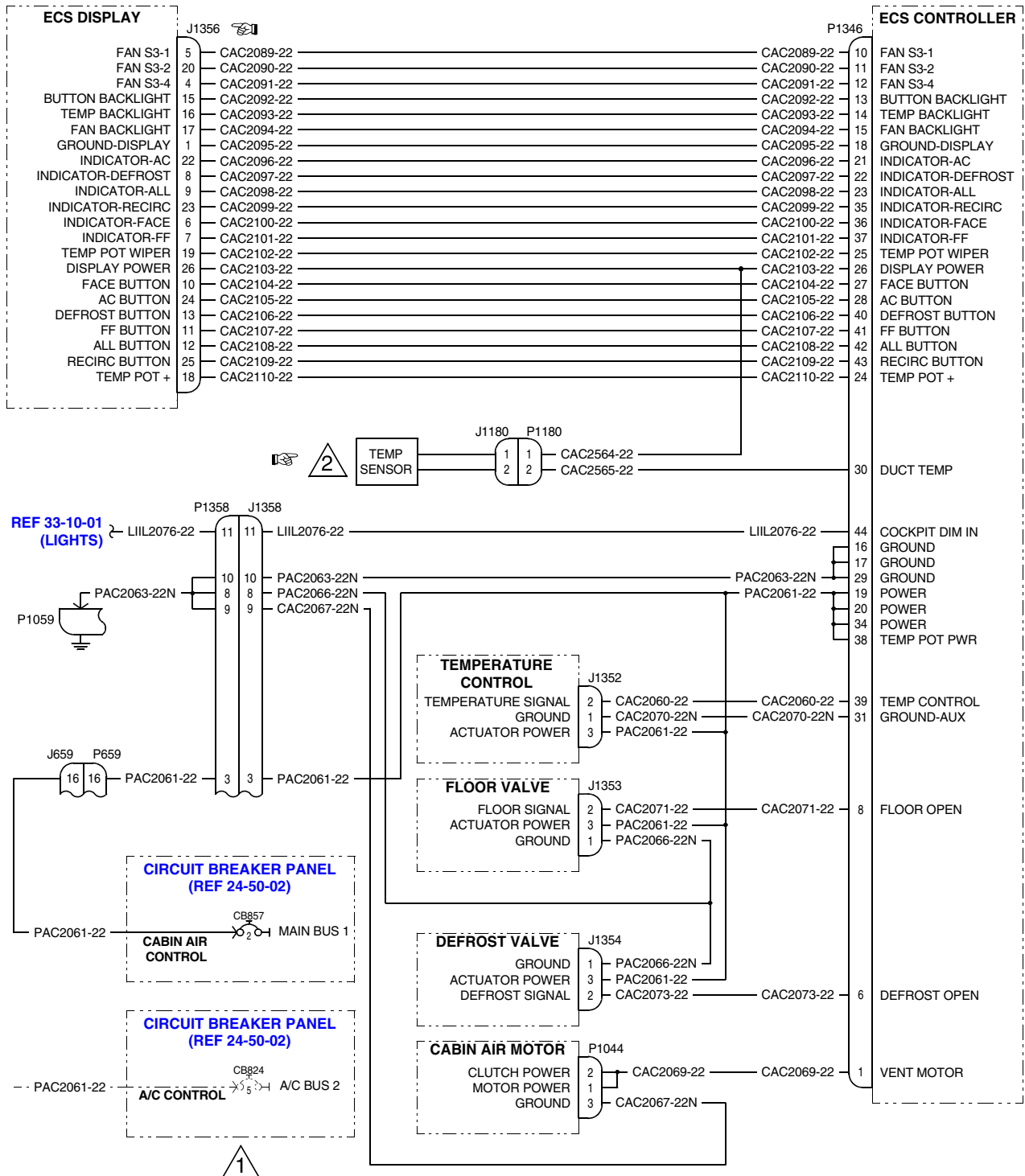
Refer to 91-10-00 for connector and pin information.

WM18553_02

Figure-02
Cabin Air Vent Assembly - Serials 22-2438 & subs w/o Perspective

EFFECTIVITY:
Serials 22-2438 & subs w/o Perspective

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WM24504-05C

Figure-02

Cabin Air Vent Assembly - Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

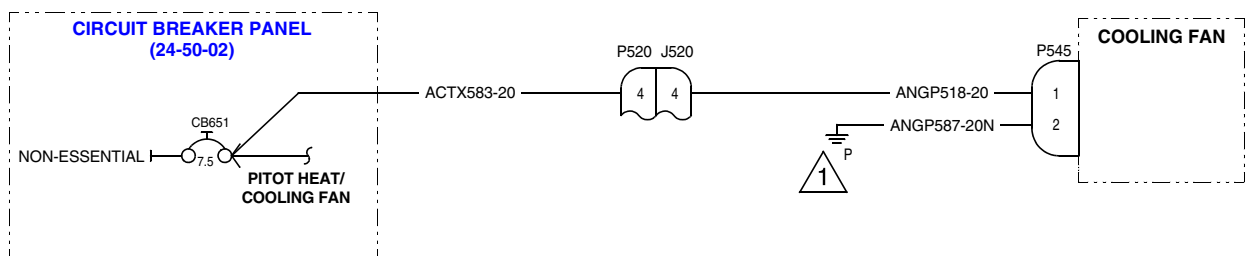
EFFECTIVITY:

Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

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NOTES

Refer to 91-10-00 for connector and pin information.

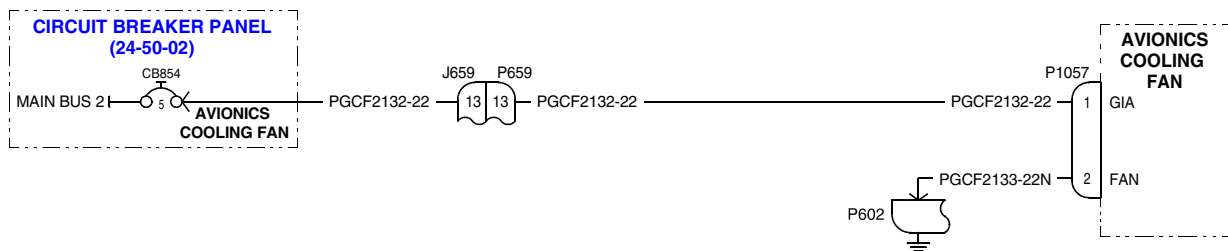
 Power grounds (labeled "P") are spliced into P518 Pin A1.

WM14150_1

Figure-03
Avionics Cooling Fan - Serials 22-0002 & subs w/o Perspective

EFFECTIVITY:
Serials 22-0002 & subs w/o Perspective

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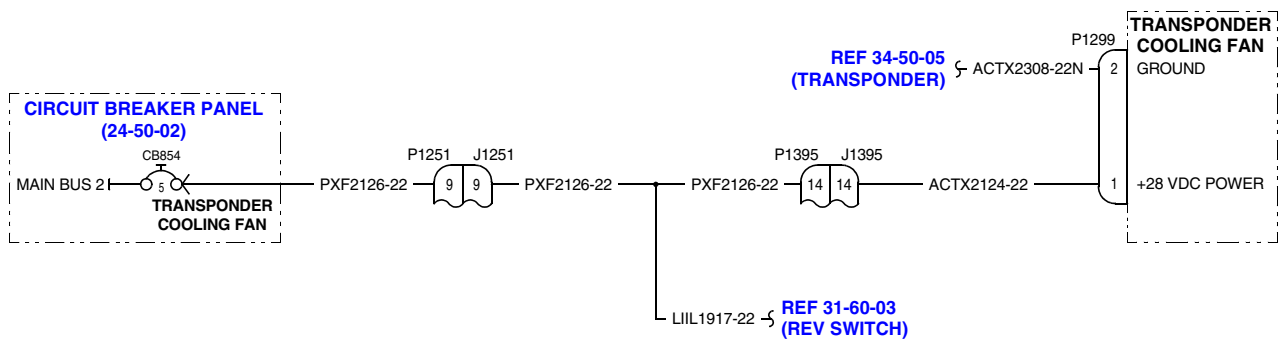
Refer to 91-10-00 for connector and pin information.

WM24562_18A

Figure-03
Avionics Cooling Fan - Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

EFFECTIVITY:
Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

21-20-03
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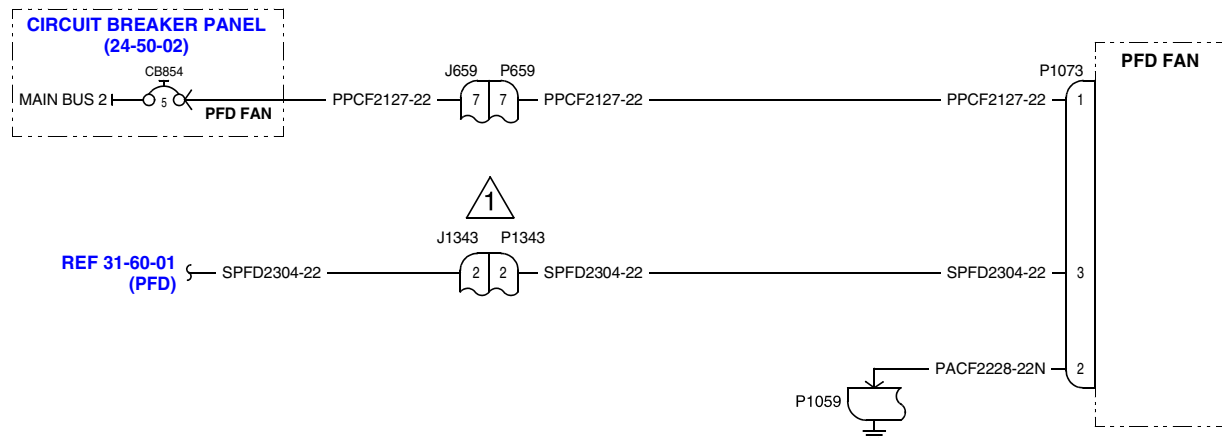
Refer to 91-10-00 for connector and pin information.

WM24562_16

Figure-03
Transponder Cooling Fan - Serials 22-3026 thru 22-3369 w/ Perspective

EFFECTIVITY:
Serials 22-3026 thru 22-3369 w/ Perspective

21-20-03
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Refer to 91-10-00 for connector and pin information.

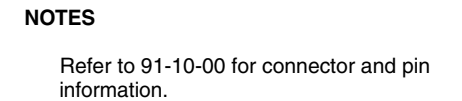
1 Serials 22-3026 thru 22-3102 before SB 2X-91-01:
Connector is labeled J1243, and P1243.

WM24562_10A

Figure-03
PFD Cooling Fan - Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

EFFECTIVITY:
Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

21-20-03
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EFFECTIVITY:
Serials 22-1602, 22-1840, 22-1863 thru 22-2437

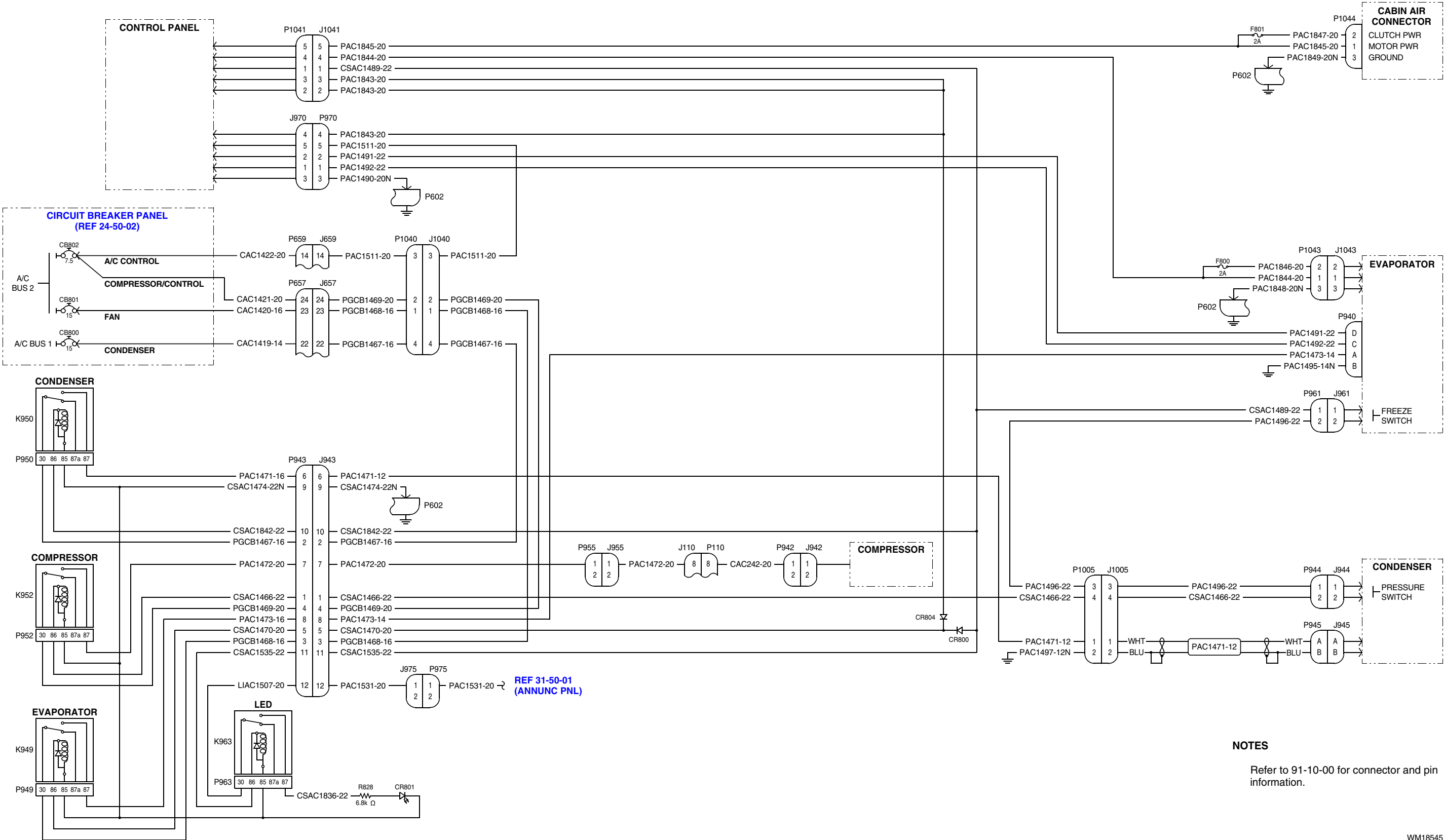


Figure-01
Cooling System - Serials 22-2438 & subs w/o Perspective

EFFECTIVITY:
Serials 22-2438 & subs w/o Perspective

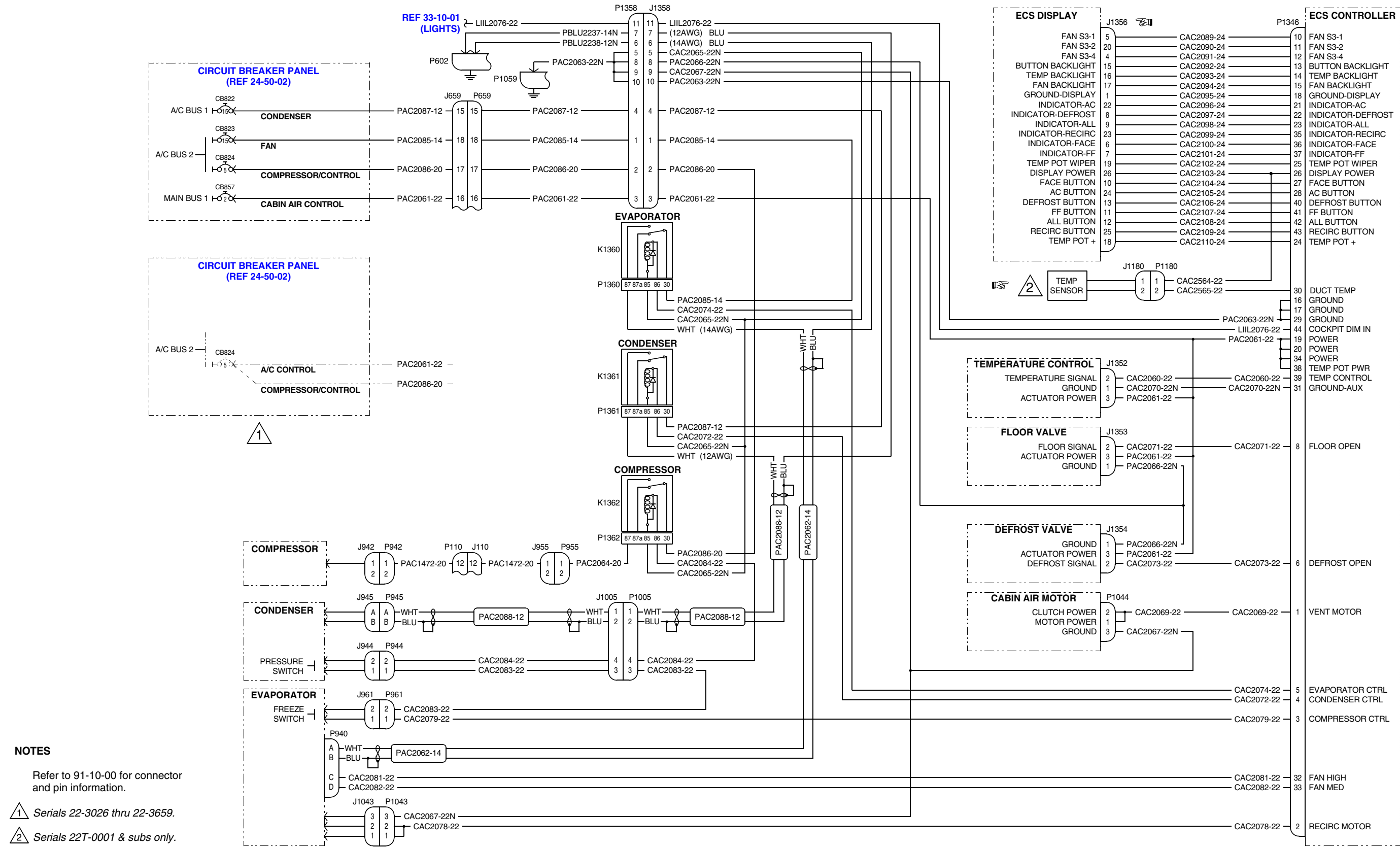


Figure-01

Cooling System - Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

EFFECTIVITY:
Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

CHAPTER

22

AUTO FLIGHT

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22-11-01	6	01 MAY 2012
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22-11-02	2	31 MAY 2011
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22-20-01	1	31 MAY 2011

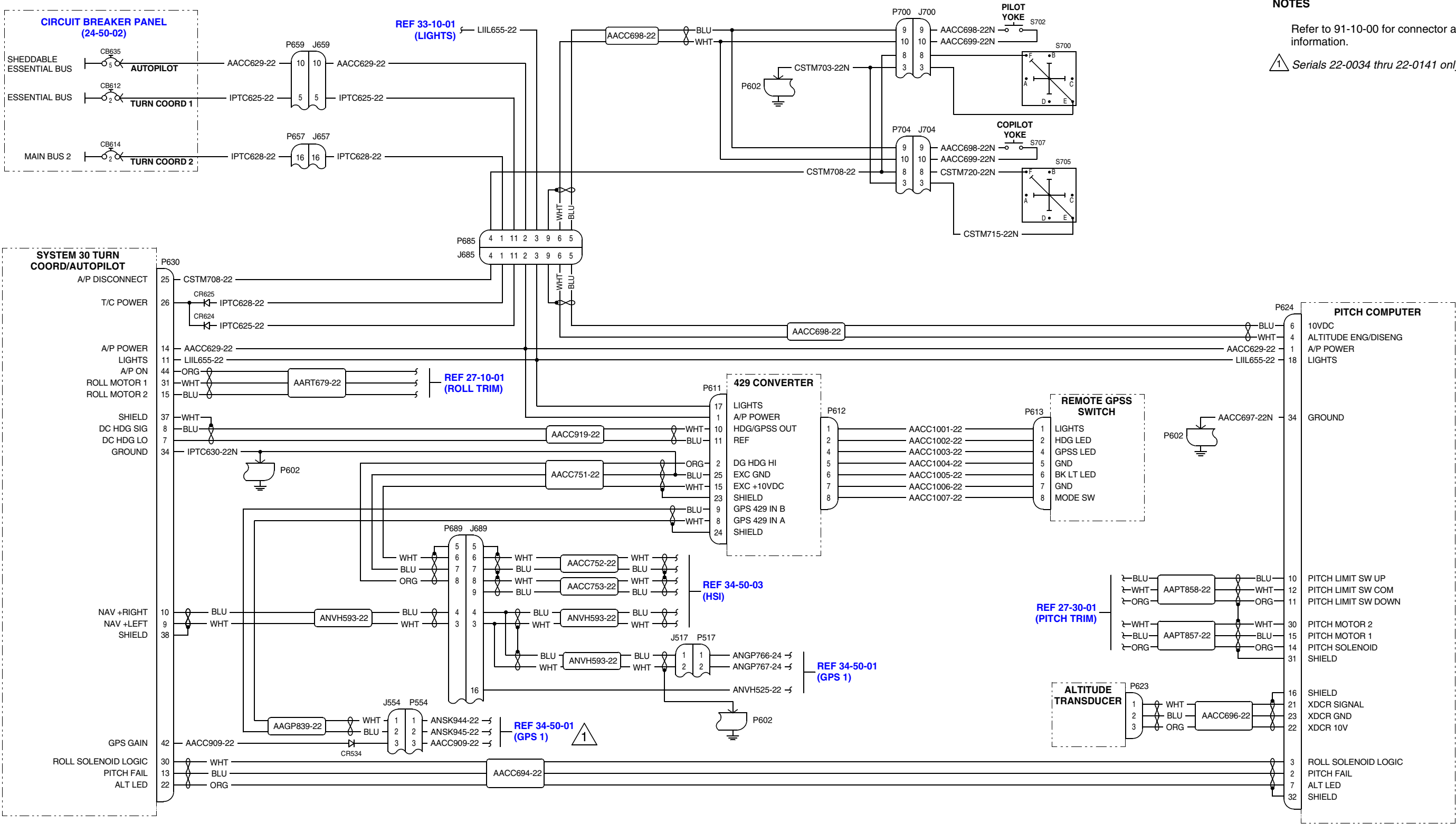
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System 55X Autopilot - Serials 22-0142 thru 22-0434	22-11-01
System 55X Autopilot - Serials 22-0435 thru 22-1306	22-11-01
System 55X Autopilot - Serials 22-1307 thru 22-2036, 22-2038 thru 22-2043	22-11-01
System 55X Autopilot - Serials 22-2037, 22-2044 & subs w/o Perspective	22-11-01
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NOTES

Refer to 91-10-00 for connector and pin information.

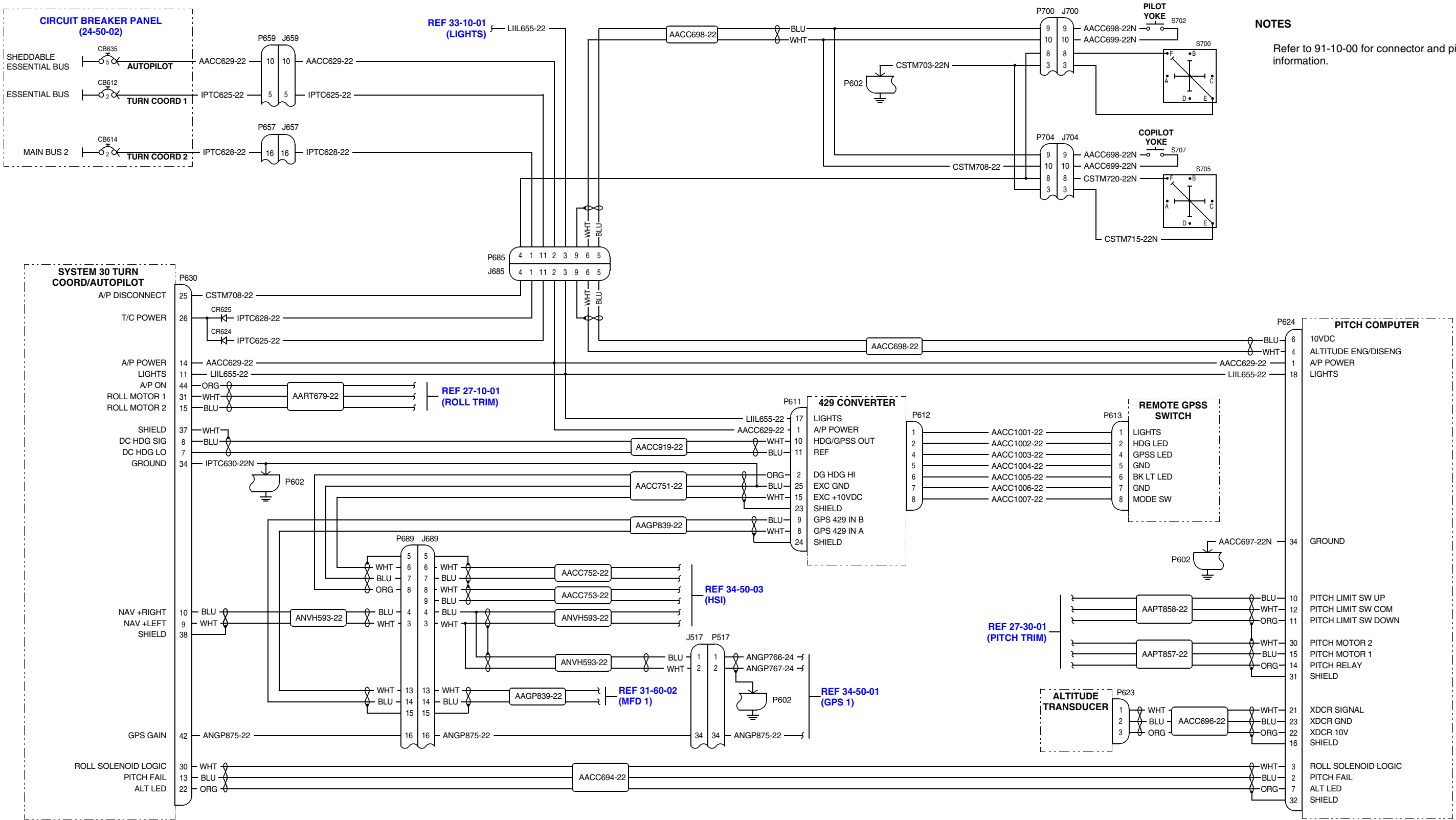
1 Serials 22-0034 thru 22-0141 only.

Figure-01

System 30 Autopilot/Turn Coordinator - Serials 22-0002 thru 22-0141

EFFECTIVITY:
Serials 22-0002 thru 22-0141

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NOTES

Refer to 91-10-00 for connector and pin information.

Figure-01

System 30 Autopilot/Turn Coordinator - Serials 22-0142 thru 22-0204

EFFECTIVITY:

Serials 22-0142 thru 22-0204

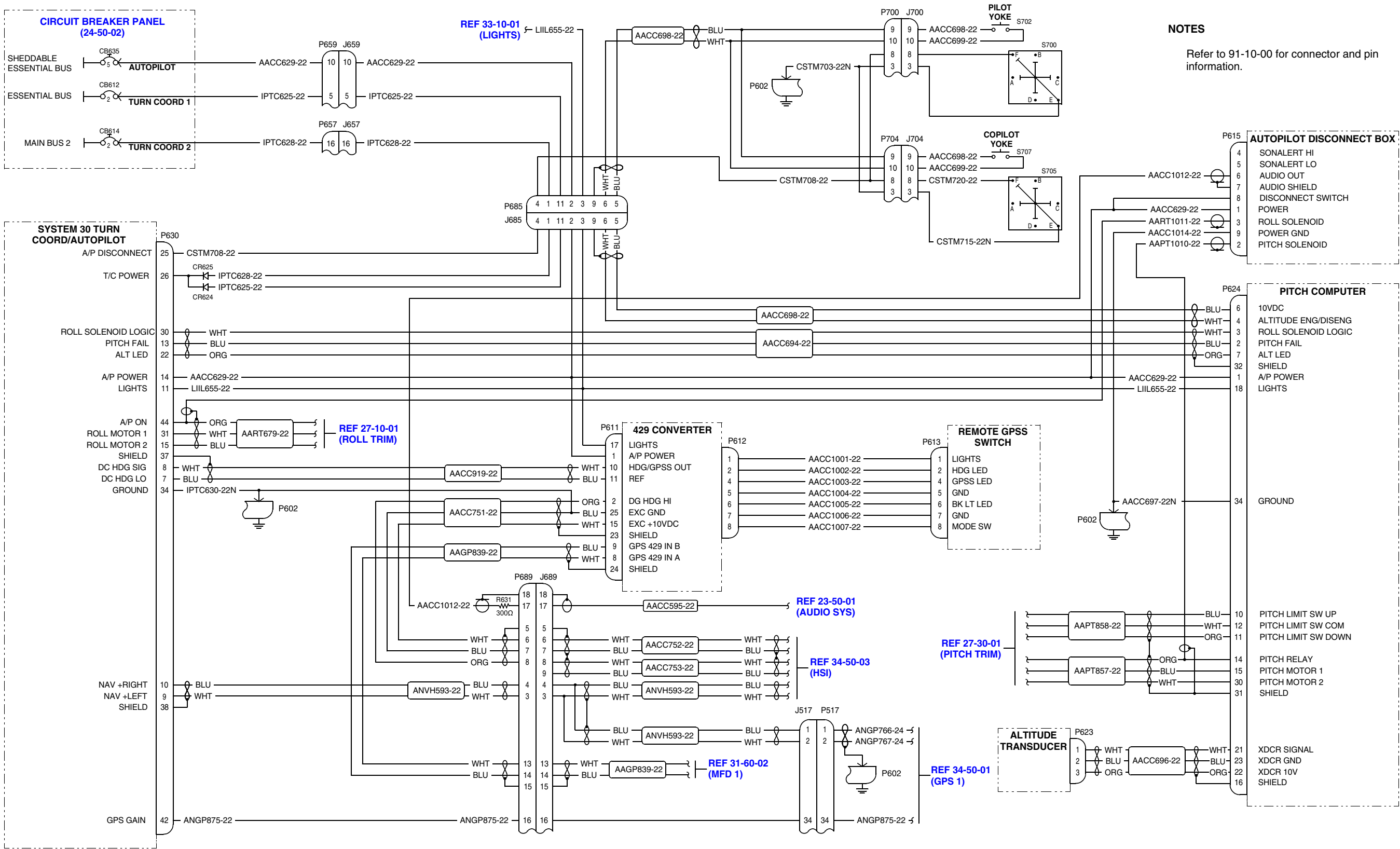
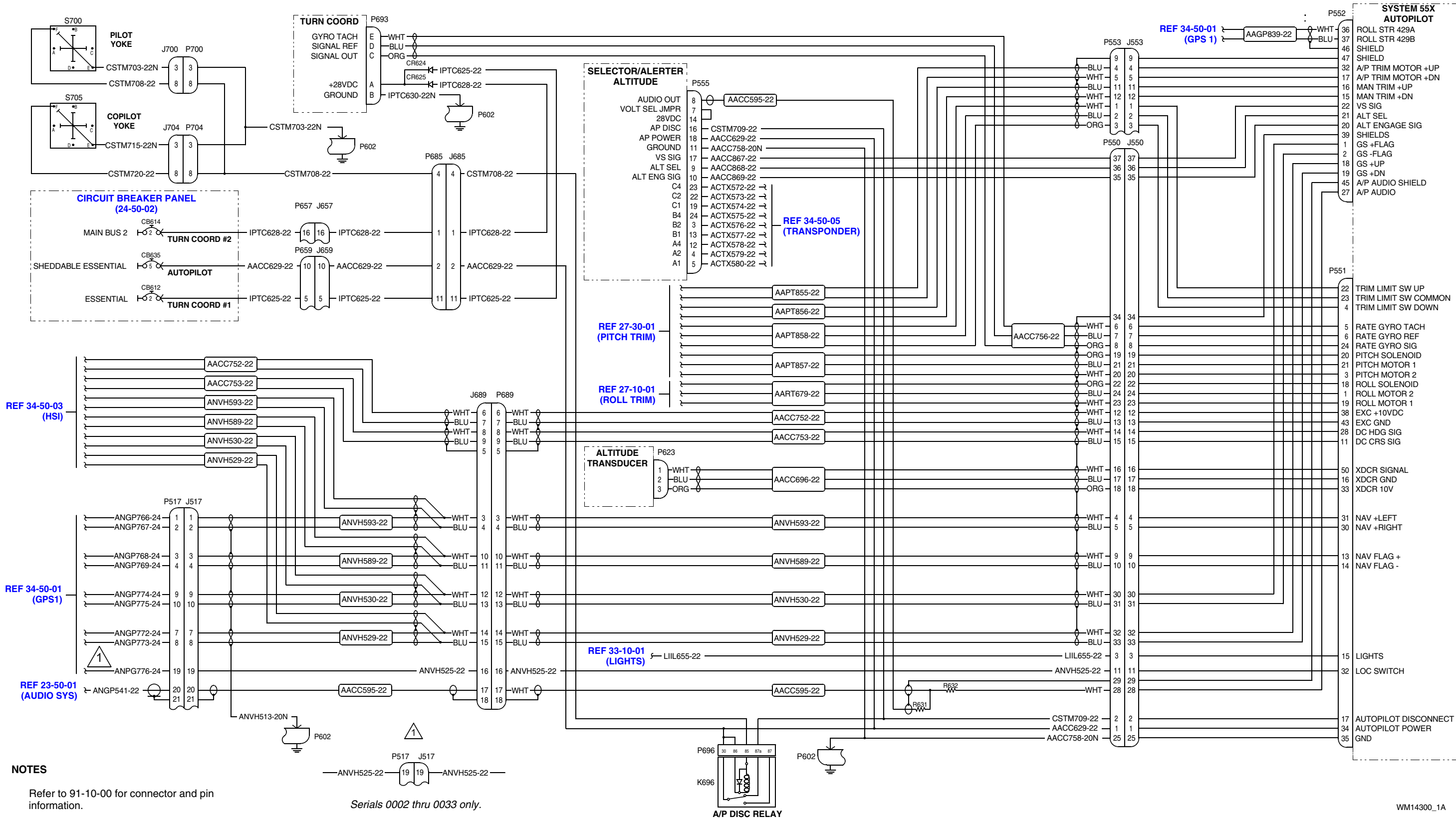


Figure-01

System 30 Autopilot/Turn Coordinator - Serials 22-0205 thru 22-0434

EFFECTIVITY:
Serials 22-0205 thru 22-0434

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System 55X Autopilot - Serials 22-0142 thru 22-0434

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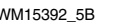
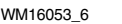
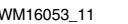


Figure-01



System 55X Autopilot - Serials 22-1307 thru 22-2036, 22-2038 thru 22-2043

22-11-01
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System 55X Autopilot - Serials 22-2037, 22-2044 & subs w/o Perspective

22-11-01
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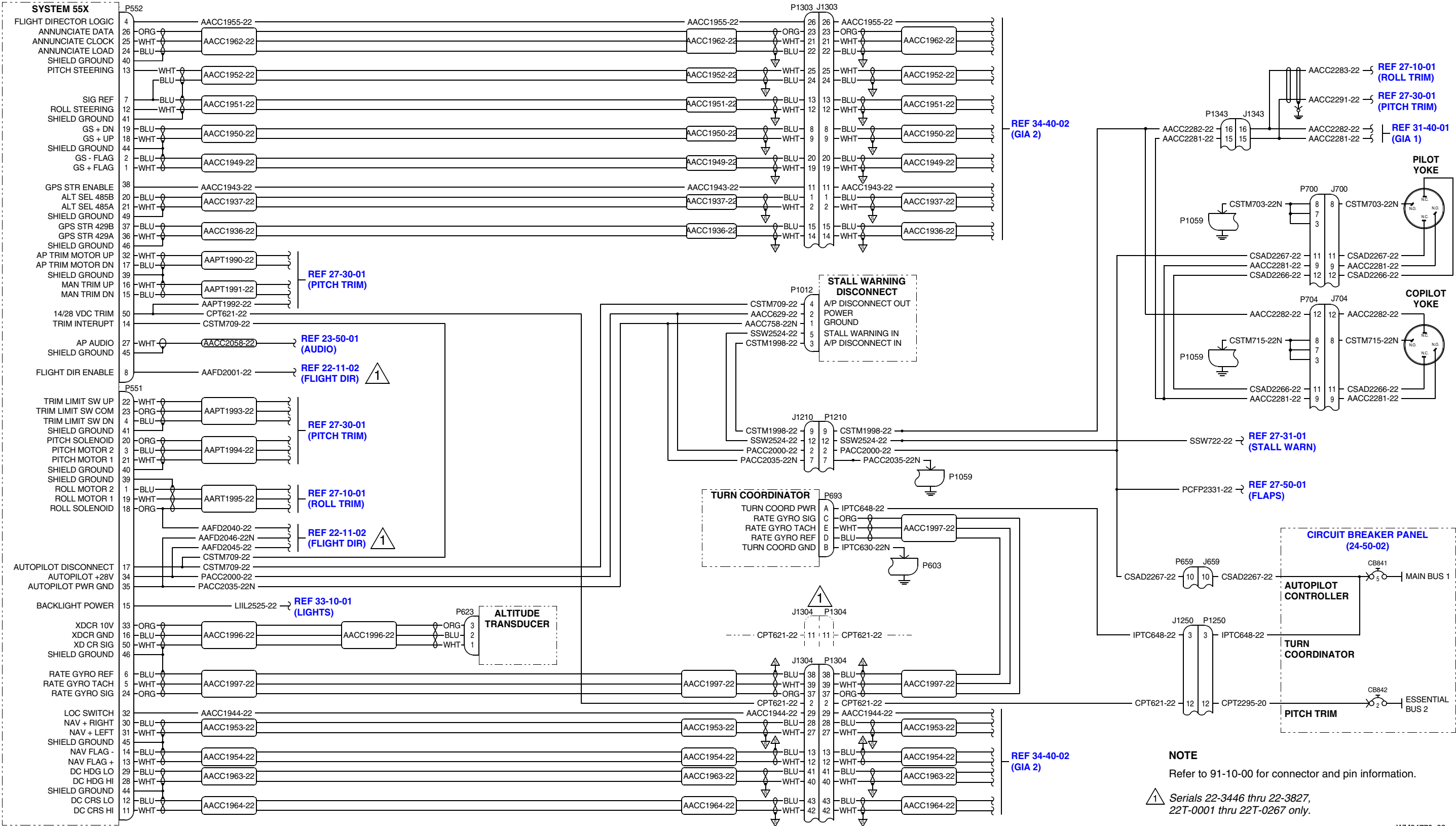
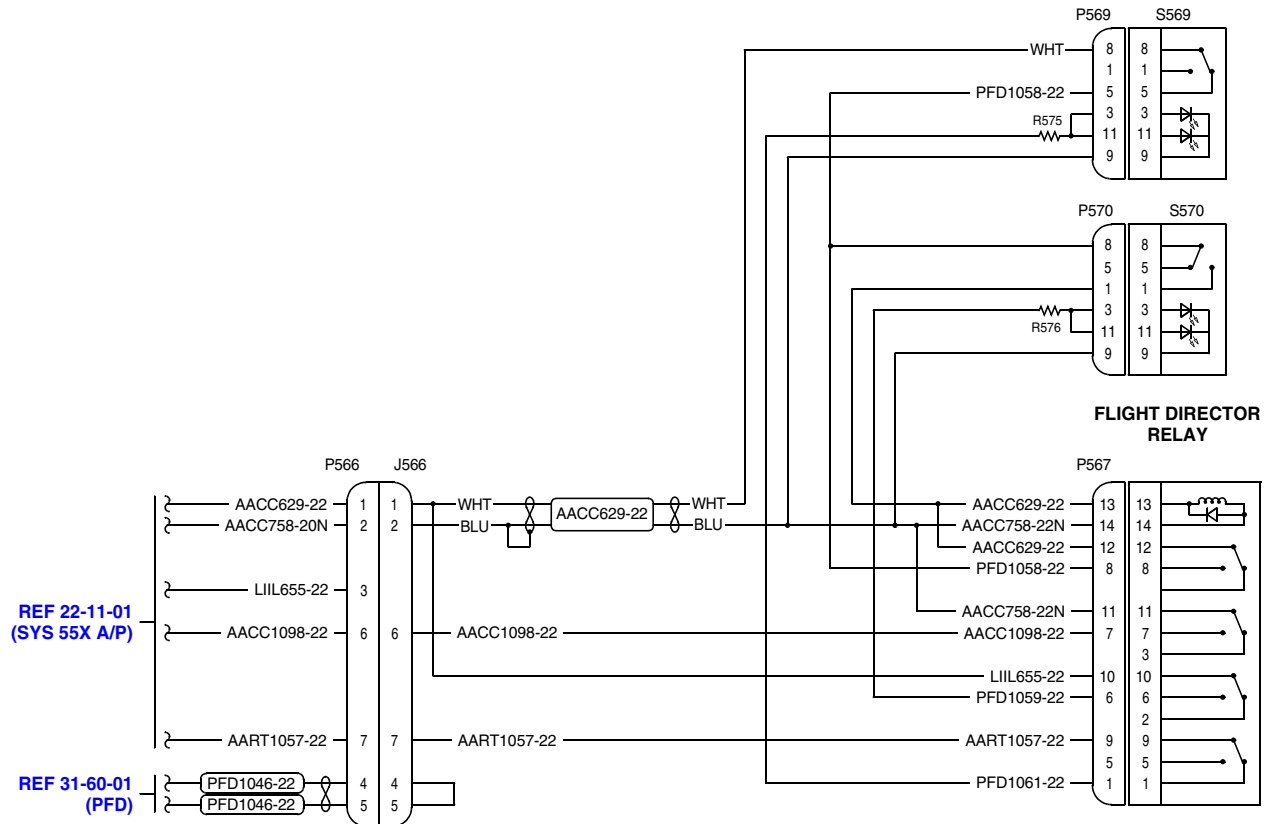


Figure-01

System 55X Autopilot - Serials 22-3446 & subs w/ Perspective, 22T-0001 & subs

EFFECTIVITY:
Serials 22-3446 & subs w/ Perspective, 22T-0001 & subs



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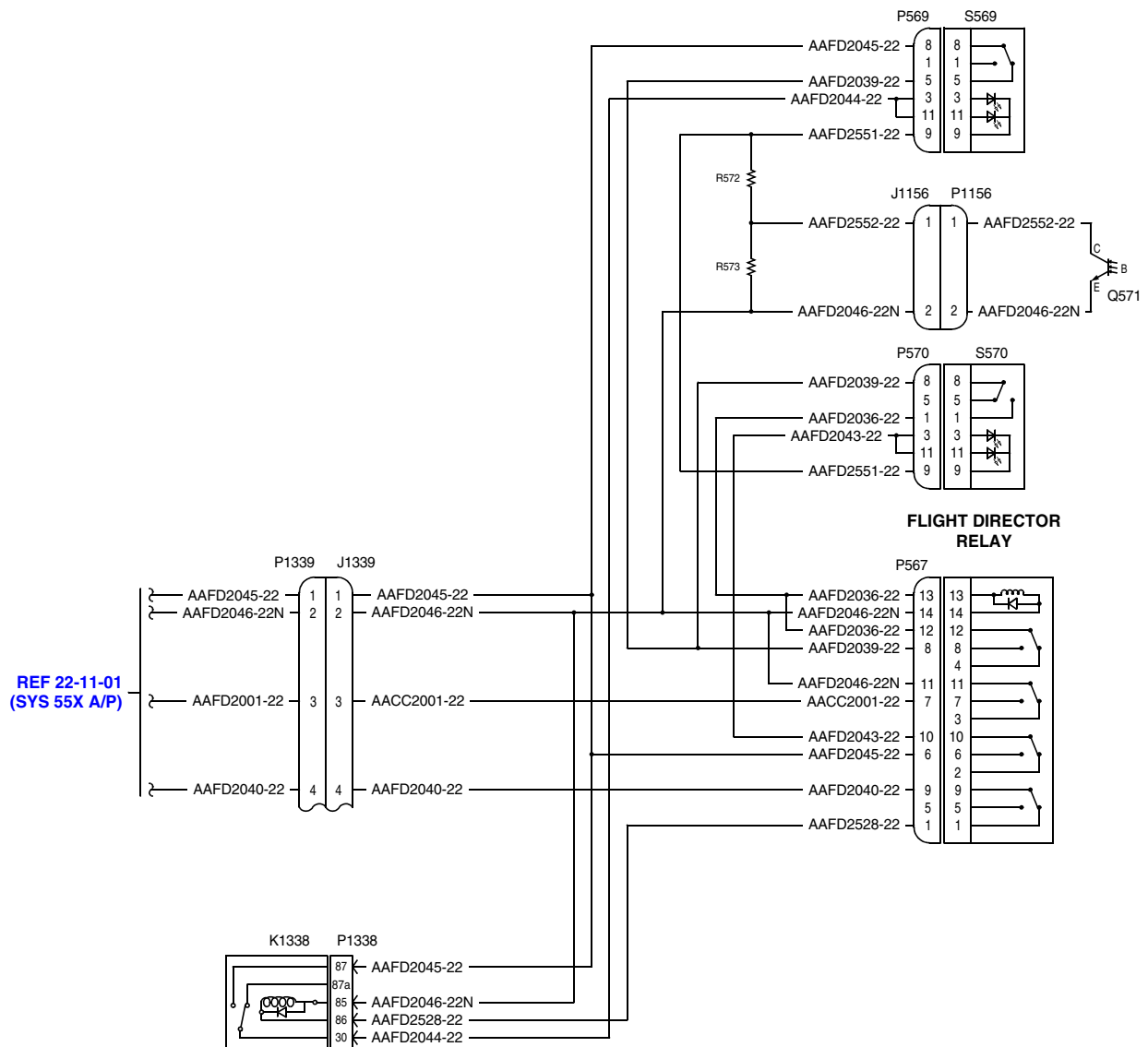
Refer to 91-10-00 for connector and pin information.

WM16171_2

Figure-02
Flight Director - Serials 22-1307 & subs

EFFECTIVITY:
Serials 22-1307 & subs

22-11-02
Page 1
31 May 2011



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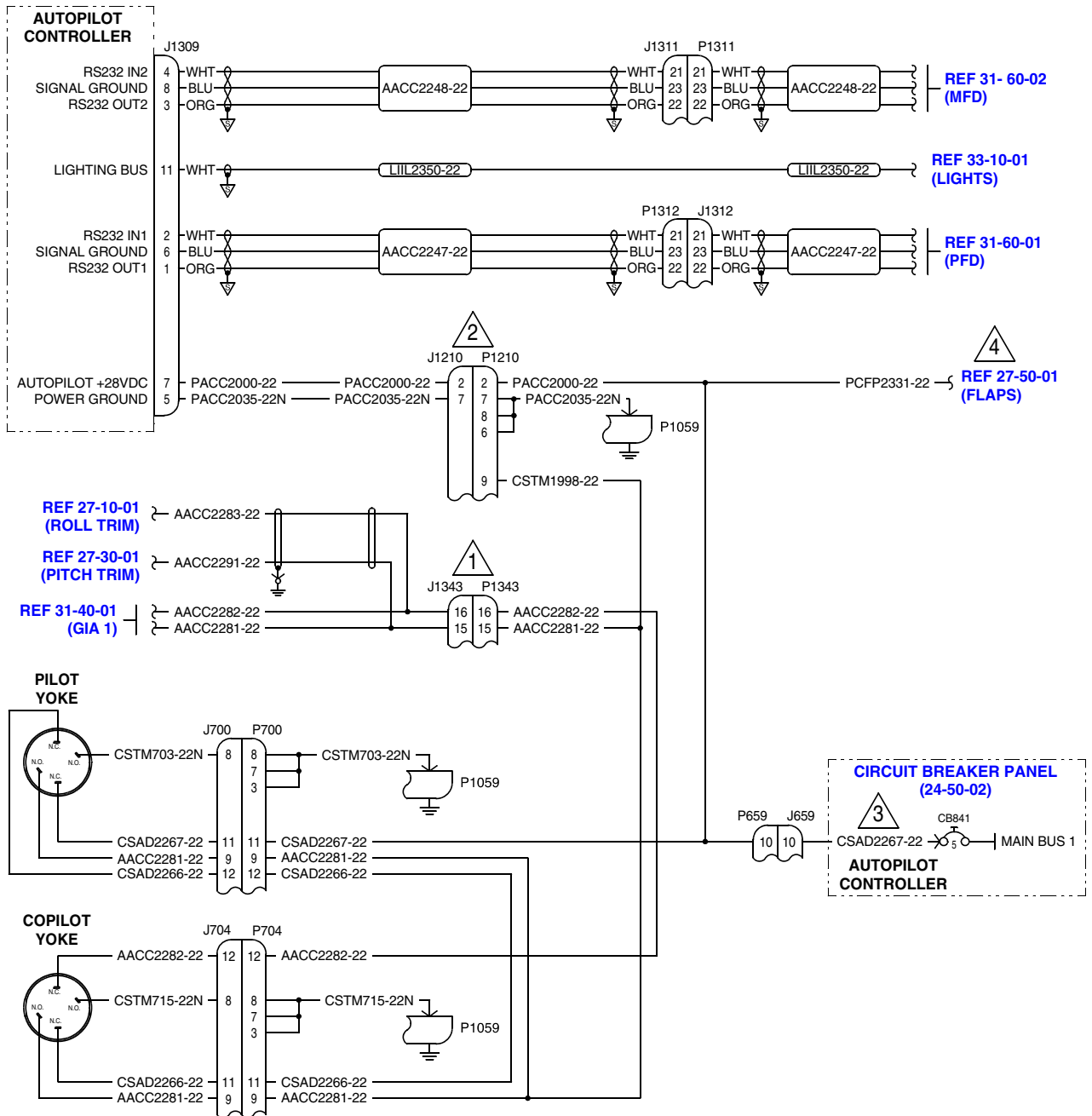
Refer to 91-10-00 for connector and pin information.

WM24706_02

Figure-02
Flight Director - Serials 22-3446 & subs, 22T-0001 & subs w/ Sys 55 AP

EFFECTIVITY:
Serials 22-3446 & subs, 22T-0001 & subs w/ Sys 55 AP

22-11-02
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NOTES

- Refer to 91-10-00 for connector and pin information.
- 1 Serials 22-3026 thru 22-3102 before SB 2X-91-01:
Connector is labeled J1243, and P1243.
 - 2 Serials 22-3026 thru 22-3102 before SB 2X-91-01:
Connector is labeled J1310, and P1310.
 - 3 Serials 22-3026 thru 22-3827, 22T-0001 thru 22T-0267:
Wire is labeled AACC629-20.
 - 4 Serials 22-3026 thru 22-3915, 22T-0001 thru 22T-0441.

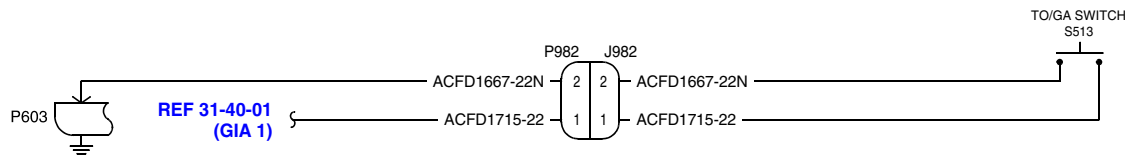
WM24500_06C

Figure-01

Automated Flight Control System - Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

EFFECTIVITY:
Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

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01 Feb 2013



NOTES

Refer to 91-10-00 for connector and pin information.

WM24570_20

Figure-01

Take-Off/Go-Around (TO/GA) Switch - Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

EFFECTIVITY:

Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

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CHAPTER

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COMMUNICATIONS

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23-50	13	15 DEC 2014

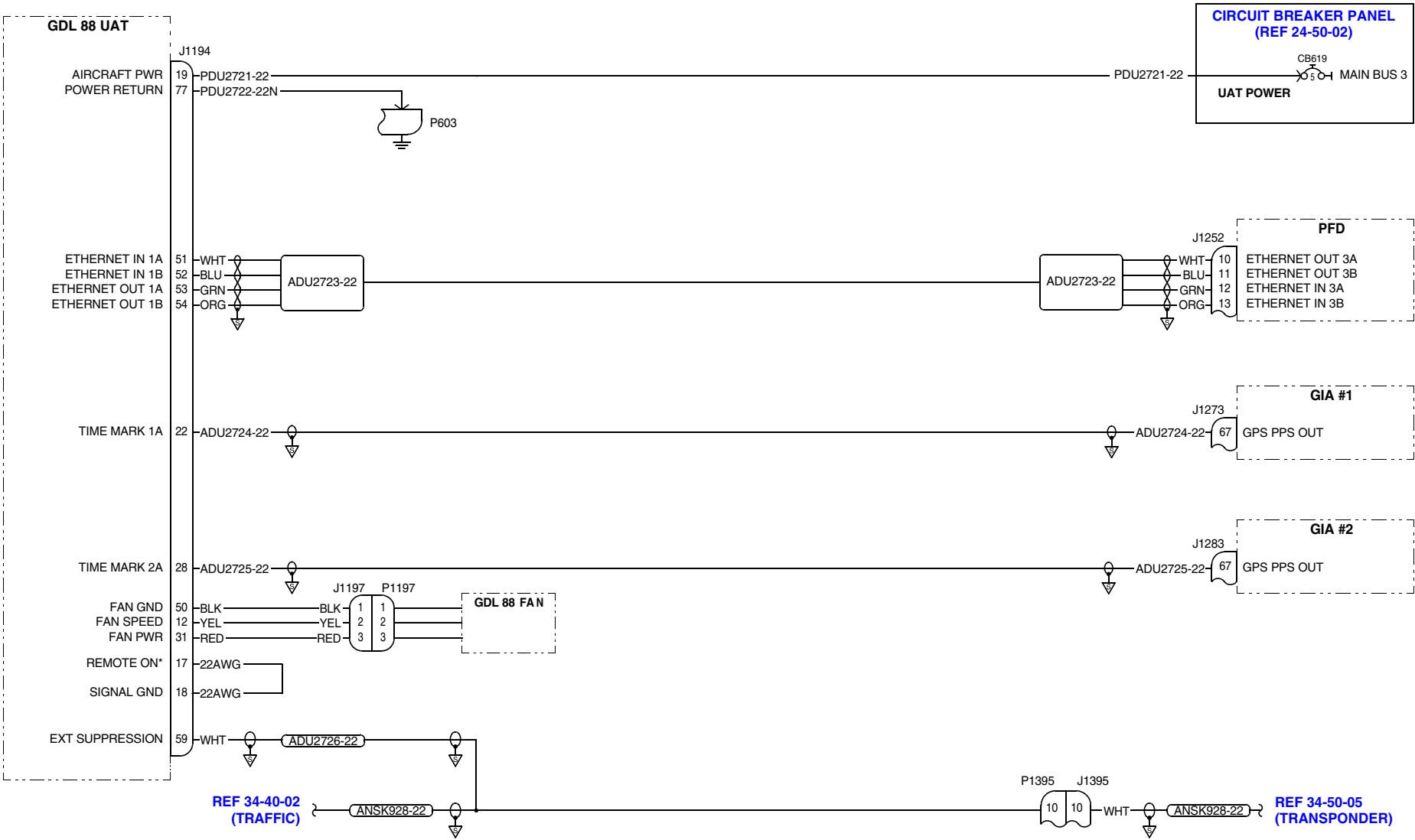
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GMA 350 Audio Panel - Serials 22-3828 & subs, 22T-0268 & subs w/ Sys 55 AP (2 of 2)	23-50-01

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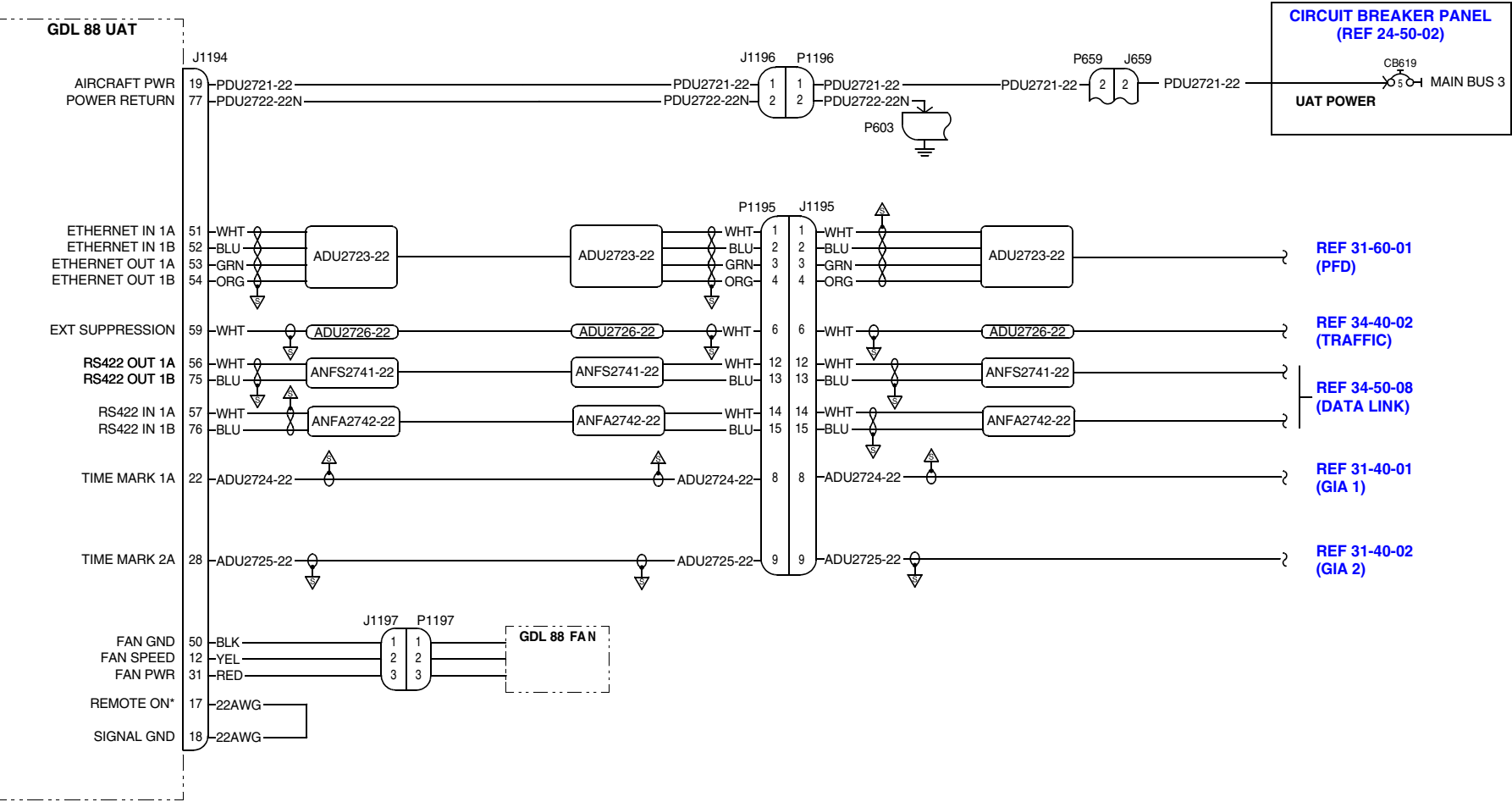


NOTES

Refer to 91-10-00 for connector and pin information.

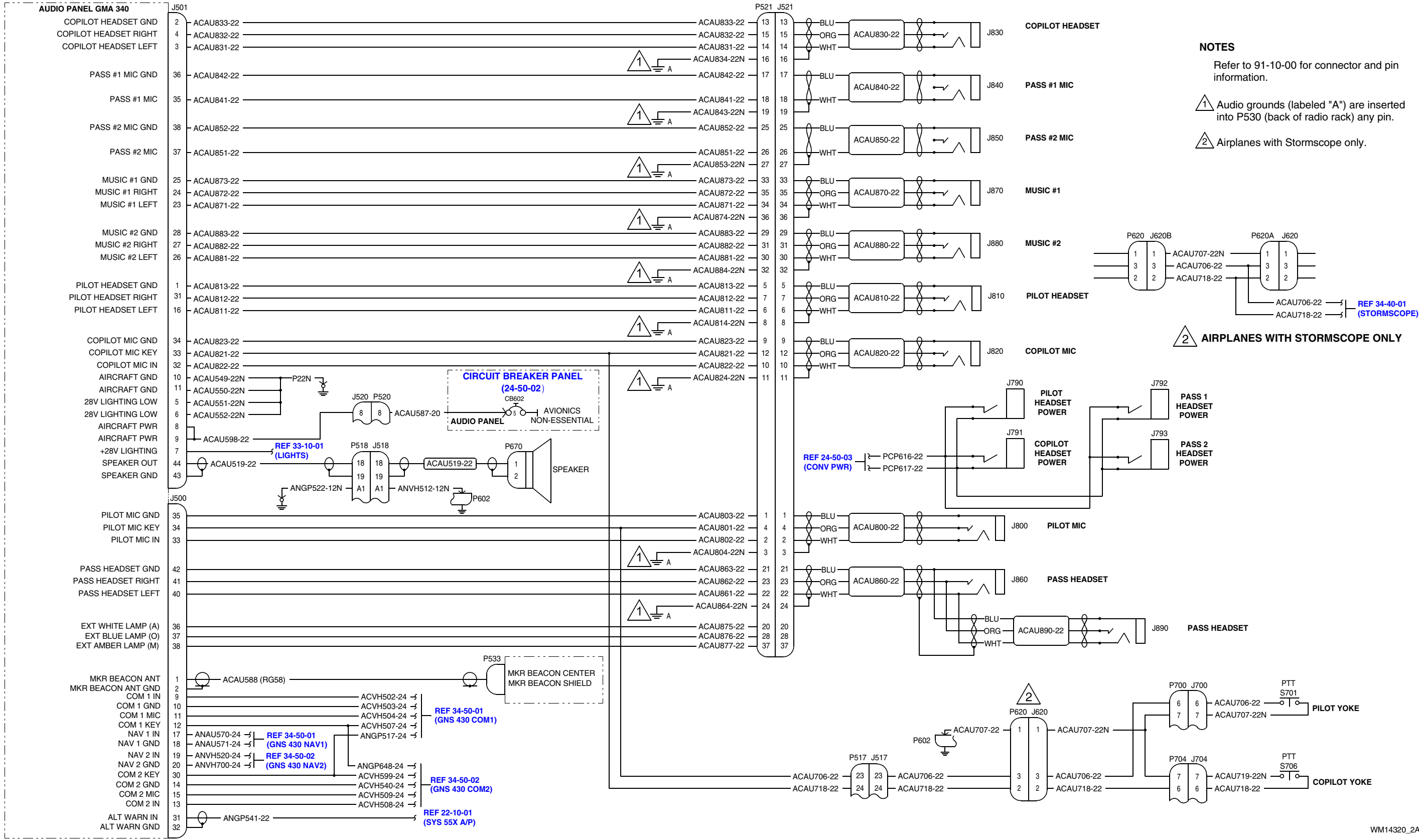
Figure-01
Universal Access Transceiver GDL 88 - SR22 Serials 0002 thru 4434 w/ GDL 88

EFFECTIVITY:
Serials 0002 thru 4434 w/ GDL 88



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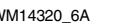
Refer to 91-10-00 for connector and pin information.



WM14320_2A

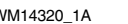
EFFECTIVITY:
Serials 22-0002 thru 22-0033

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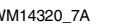
GMA 340 Audio Panel - Serials 22-0034 thru 22-0141

23-50-01
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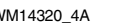


GMA 340 Audio Panel - Serials 22-0002 thru 22-0033

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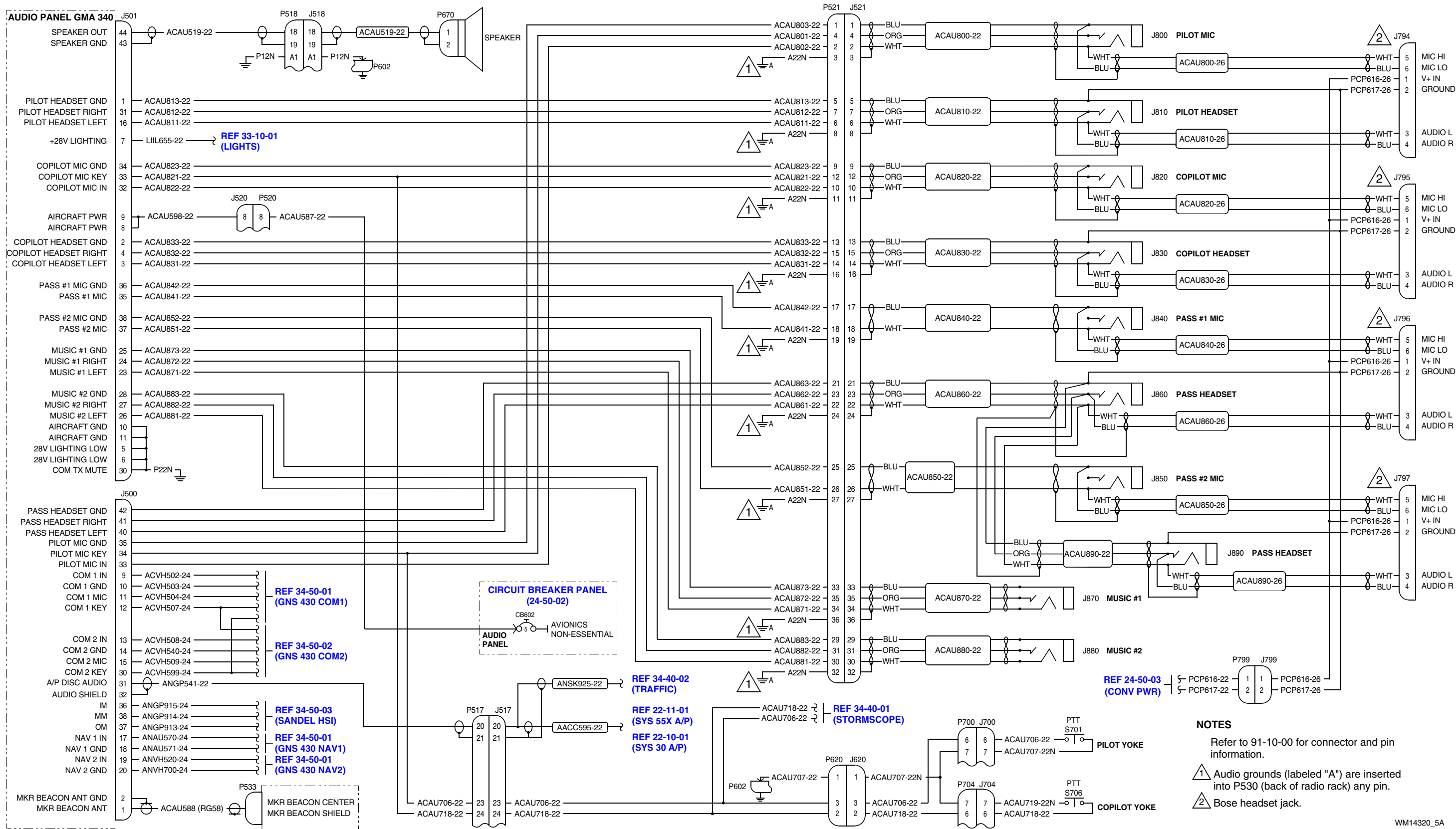


GMA 340 Audio Panel - Serials 22-0034 thru 22-0141



GMA 340 Audio Panel - Serials 22-0142 thru 22-0333

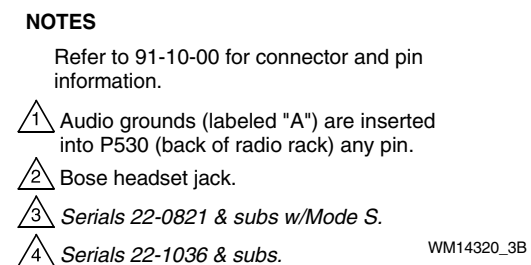
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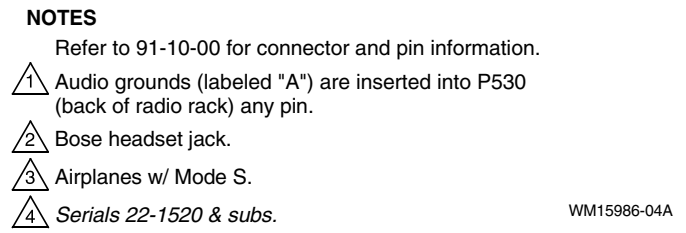
WM14320_5A

EFFECTIVITY:
Serials 22-0334 thru 22-0434

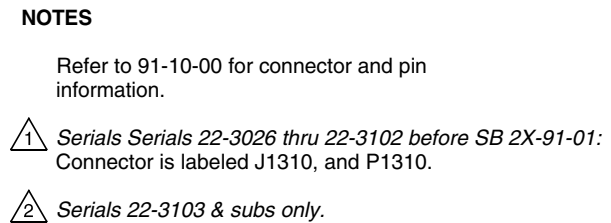
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EFFECTIVITY:
Serials 22-0435 thru 22-1510

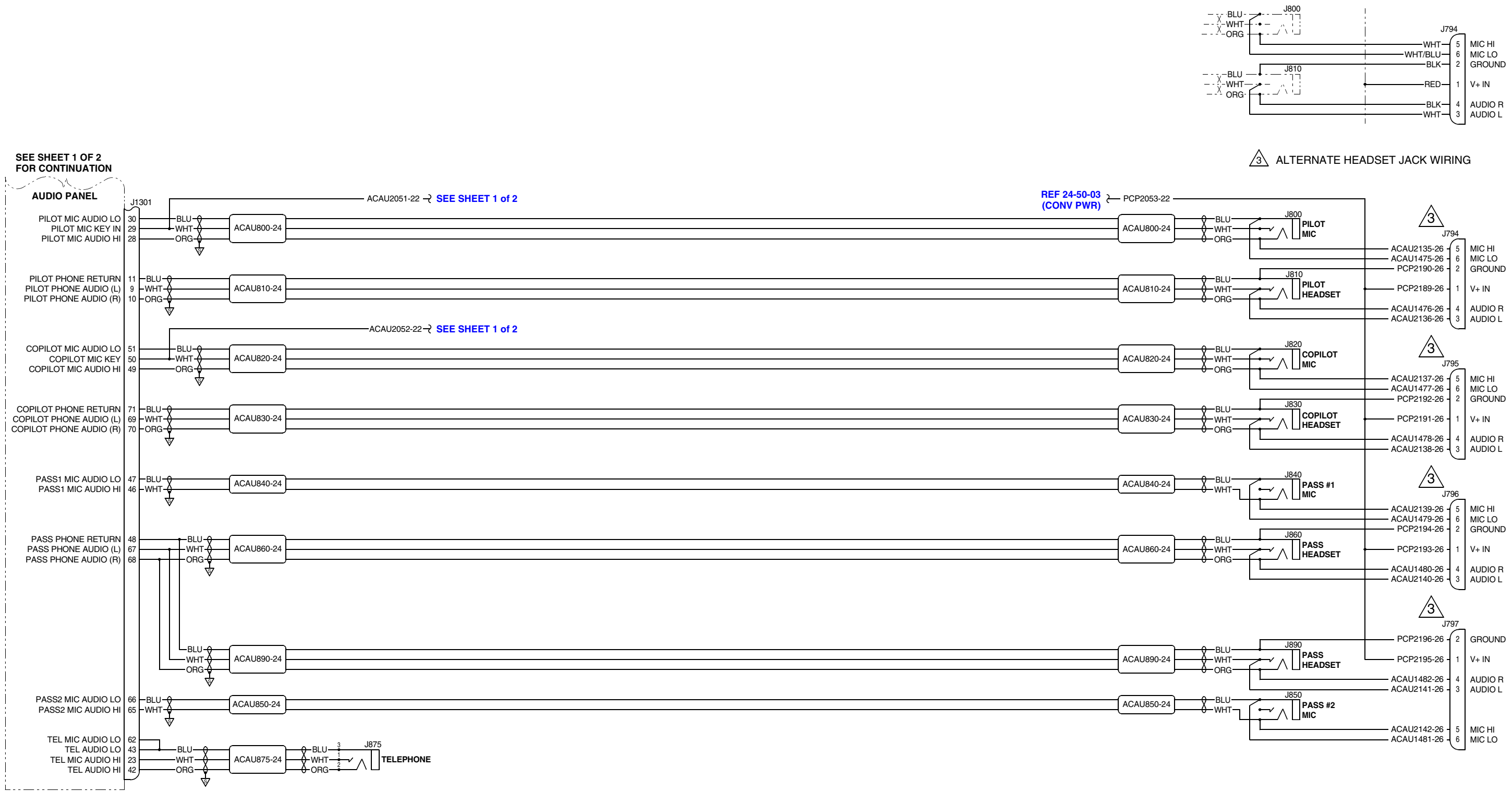


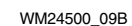
EFFECTIVITY:
Serials 22-1511 & subs w/o Perspective



GMA 347 Audio Panel - Serials 22-3026 thru 22-3267 w/ Perspective (1 of 2)

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GMA 347 Audio Panel - Serials 22-3268 - 22-3827 w/ Perspective, 22T-0001 - 22T-0267 (1 of 2)

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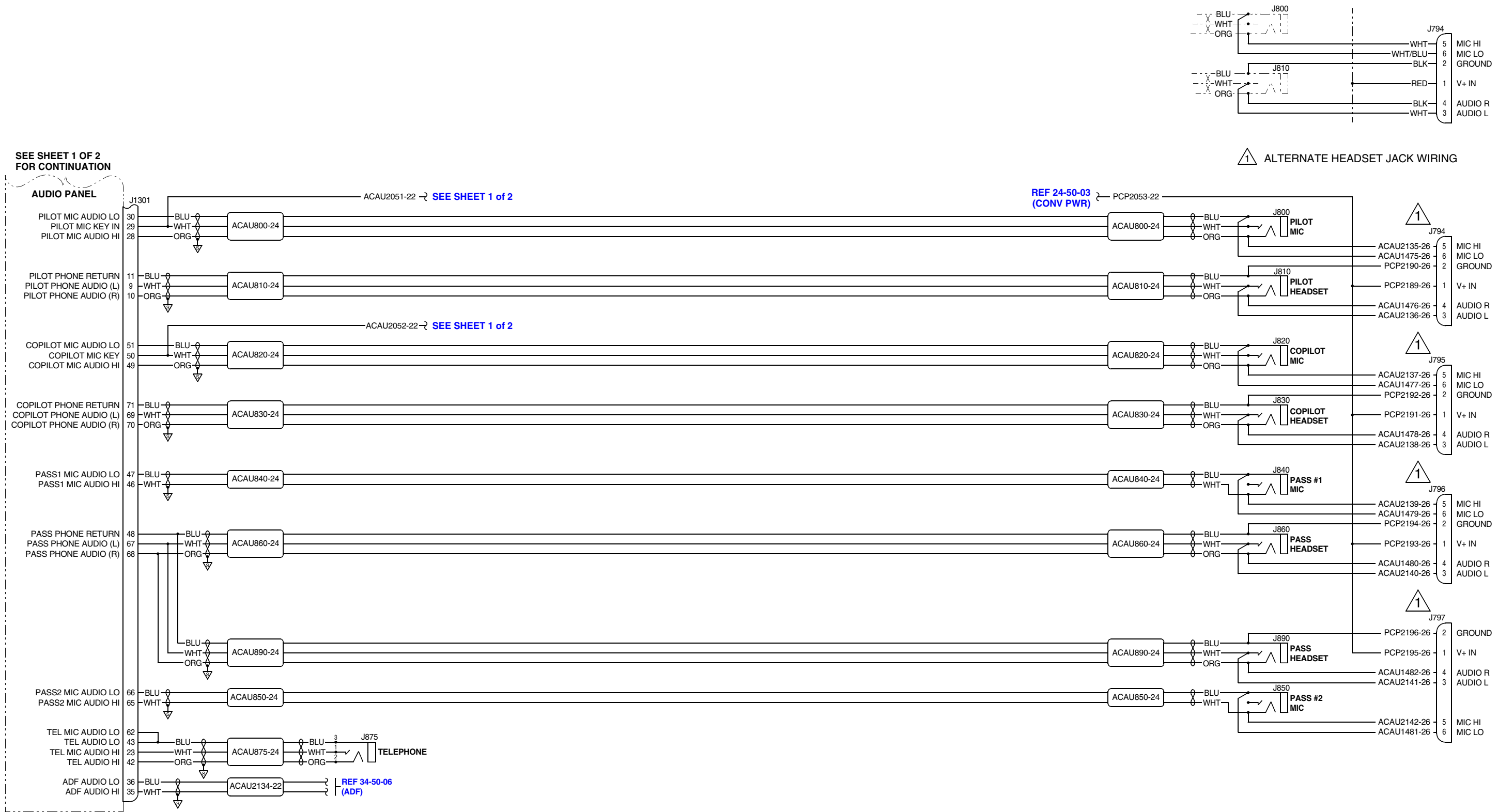


Figure-01

GMA 347 Audio Panel - Serials 22-3268 - 22-3827 w/ Perspective, 22T-0001 - 22T-0267 (2 of 2)

EFFECTIVITY:

Serials 22-3268 - 22-3827 w/ Perspective, 22T-0001 - 22T-0267

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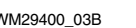


Figure-01



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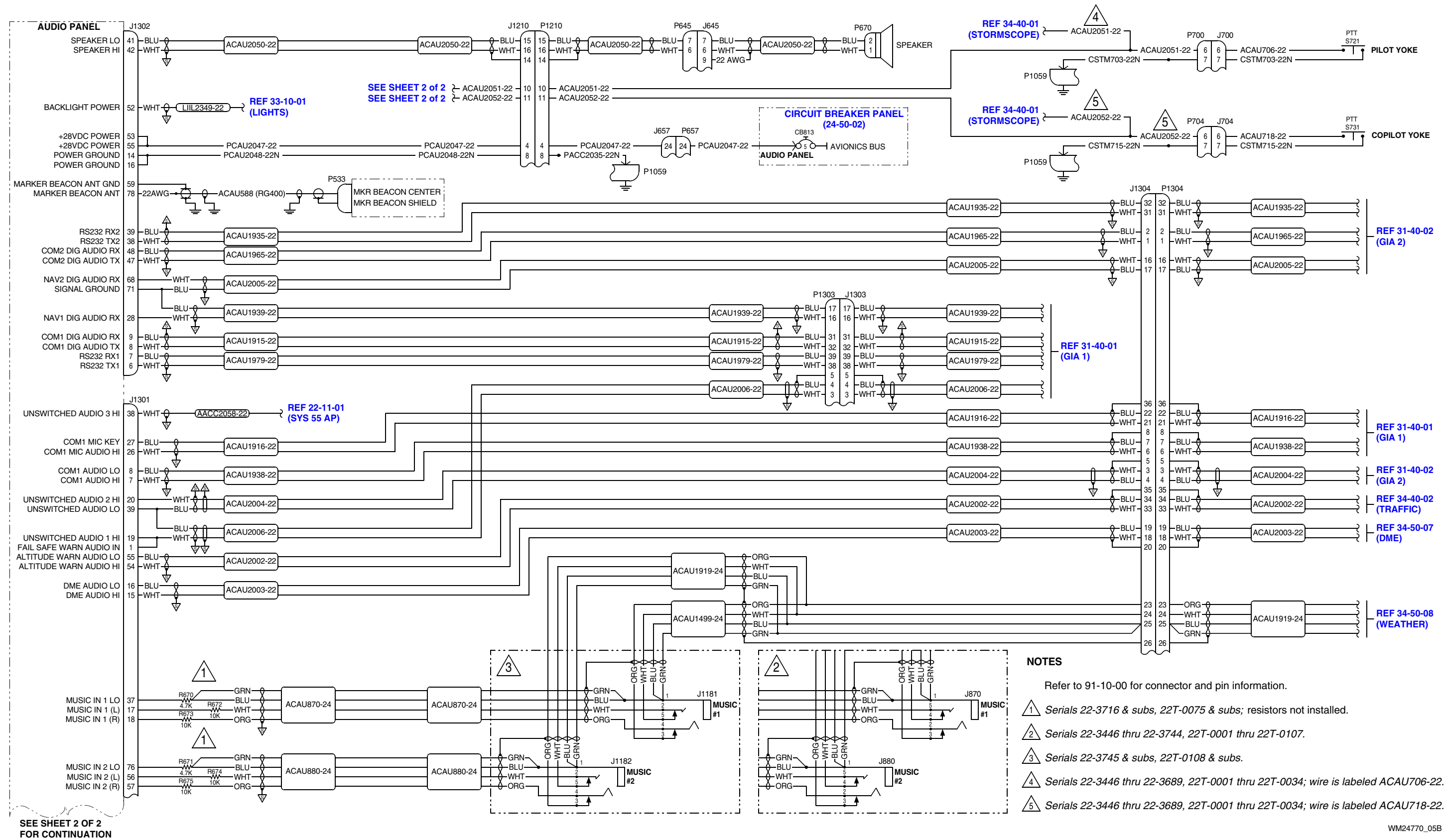


Figure-01

GMA 347 Audio Panel - Serials 22-3446 - 22-3827, 22T-0001 - 22T-0267 w/ Sys 55 AP (1 of 2)

EFFECTIVITY:
Serials 22-3446 - 22-3827, 22T-0001 - 22T-0267 w/ Sys
55 AP

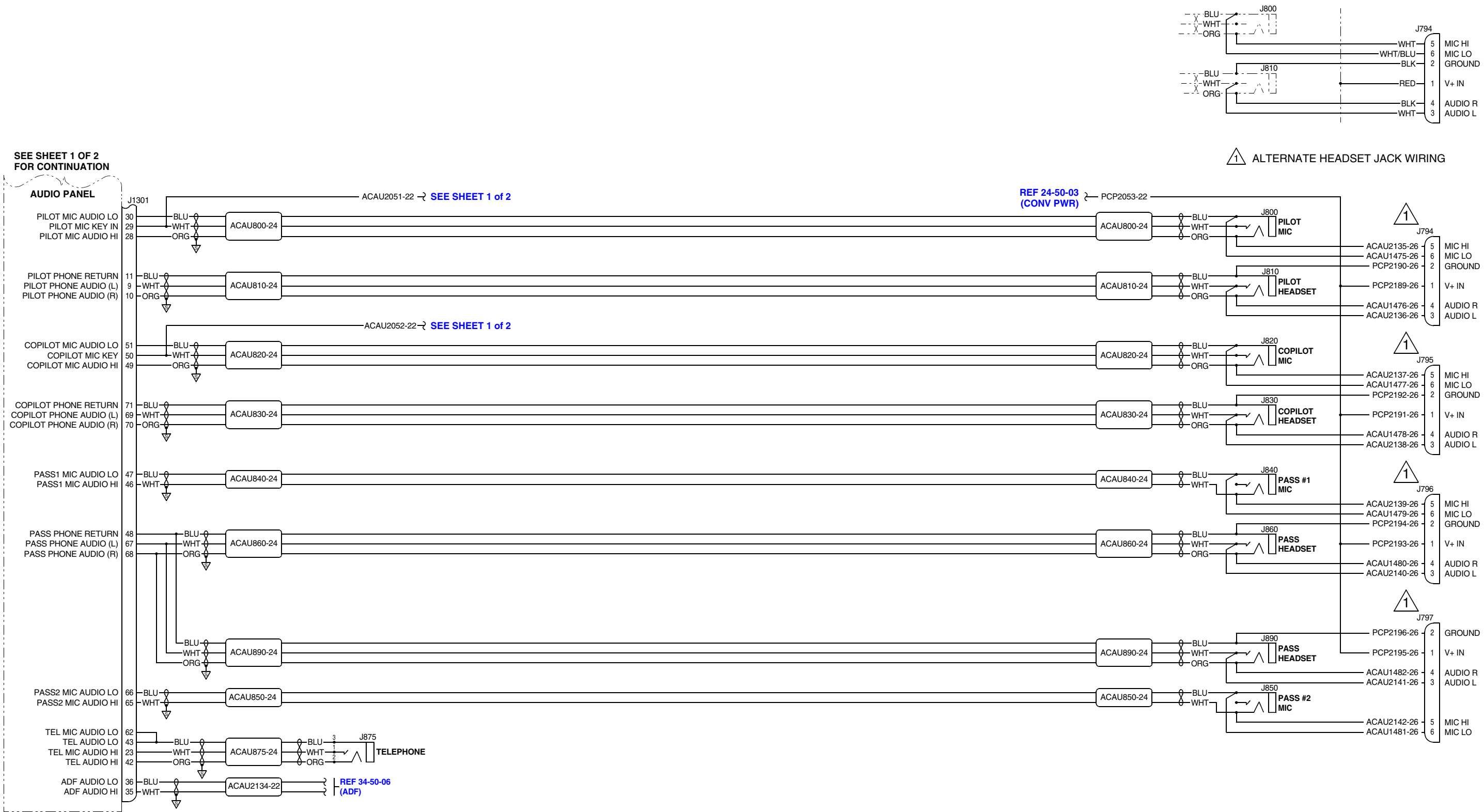
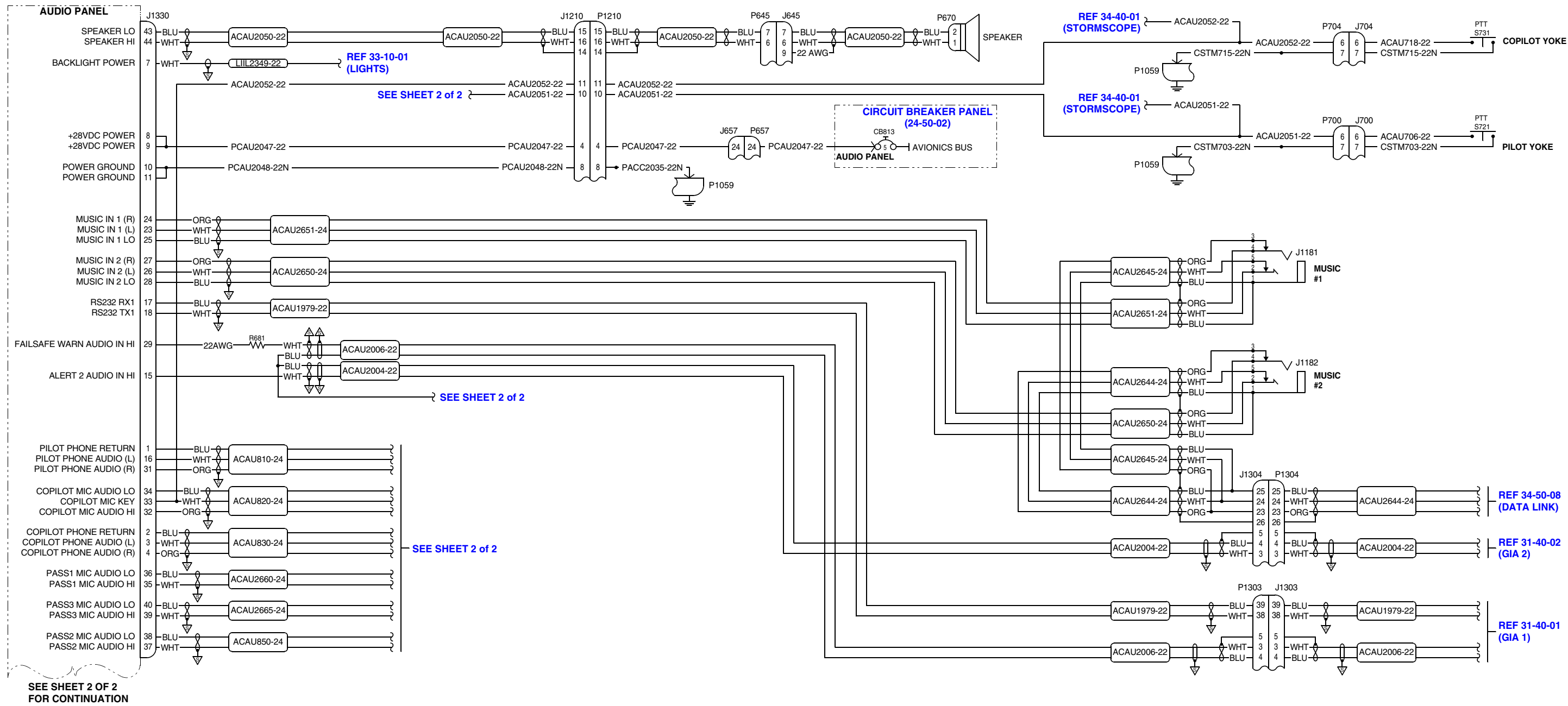


Figure-01

GMA 347 Audio Panel - Serials 22-3446 - 22-3827, 22T-0001 - 22T-0267 w/ Sys 55 AP (2 of 2)

EFFECTIVITY:
Serials 22-3446 - 22-3827, 22T-0001 - 22T-0267 w/ Sys 55 AP

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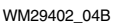
Refer to 91-10-00 for connector and pin information.

Figure-01

GMA 350 Audio Panel - Serials 22-3828 & subs, 22T-0268 & subs w/ Sys 55 AP (1 of 2)

EFFECTIVITY:
Serials 22-3828 & subs, 22T-0268 & subs w/ Sys 55
AP

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GMA 350 Audio Panel - Serials 22-3828 & subs, 22T-0268 & subs w/ Sys 55 AP (2 of 2)

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24

**ELECTRICAL
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24-50	9	19 SEP 2017
24-50	1	01 MAY 2012
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Circuit Breaker Panel - Serials 22-3403 thru 22-3659 w/ Perspective, 22T-0001 thru 22T-0040	24-50-02
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Circuit Breaker Panel - Serials 22-3849 thru 22-4045 w/ Perspective, 22T-0319 thru 22T-0689	24-50-02
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Convenience Power - Serials 22-0169 & subs w/o Perspective	24-50-03
Convenience Power - Serials 22-3026 thru 22-3848 w/ Perspective, 22T-0001 thru 22T-0318	24-50-03
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Fluid Quantity Power - Serials 22-3849 thru 22-4214, 22T-0319 thru 22T-1058	24-50-04
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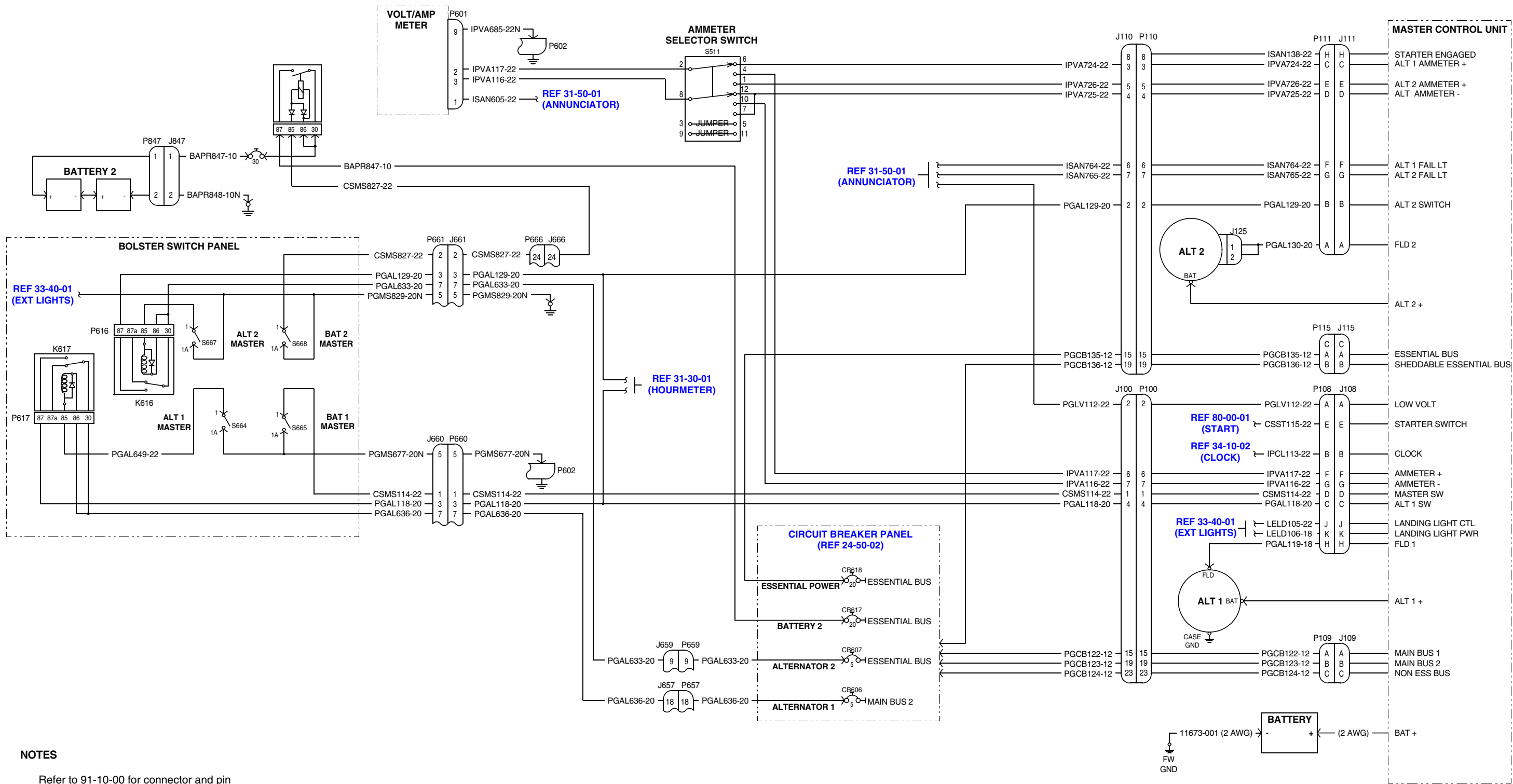
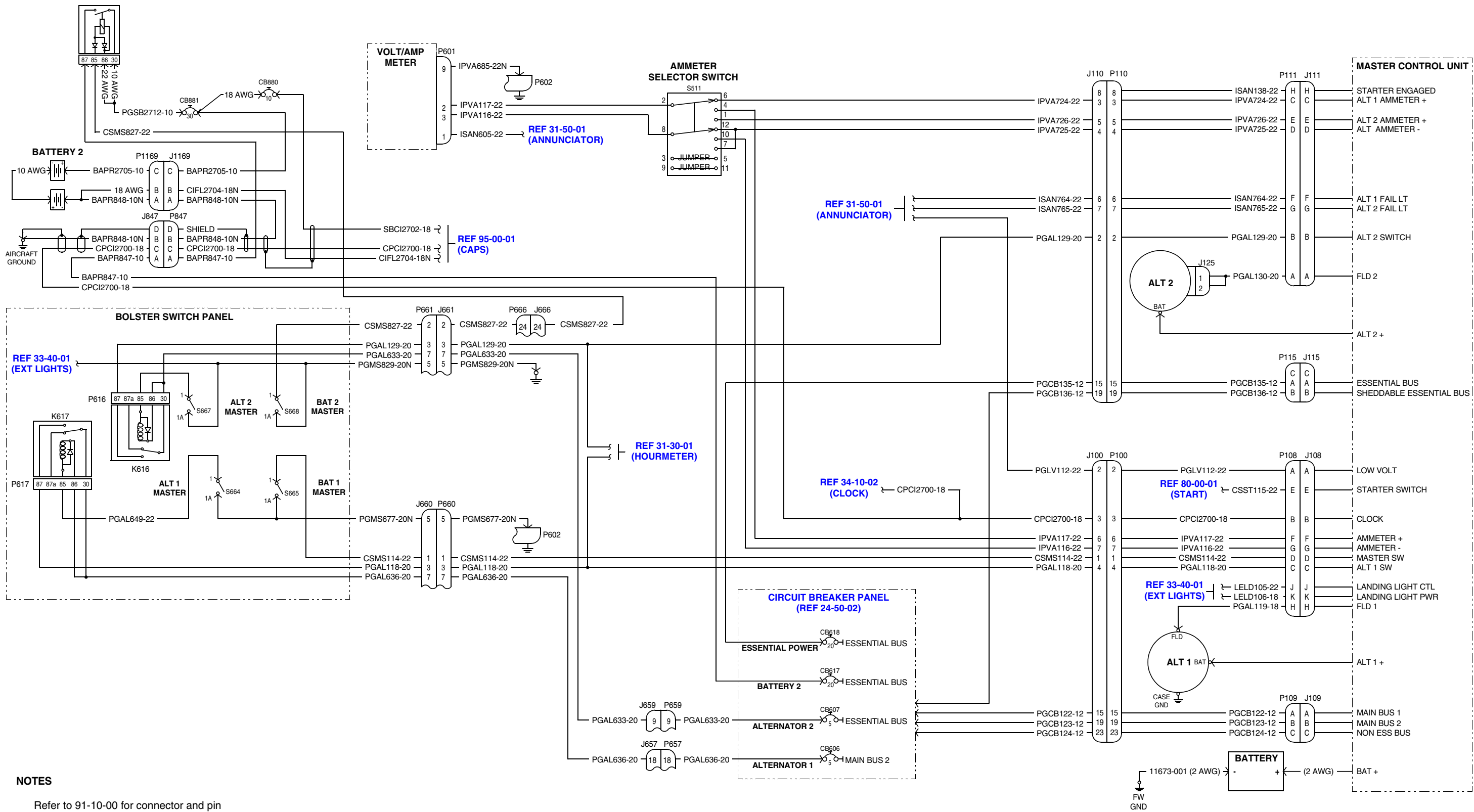


Figure-01
DC Generation - Serials 22-0002 thru 22-0138 before SB2X-95-17 (1 of 2)

EFFECTIVITY:
Serials 22-0002 thru 22-0138 before SB2X-95-17



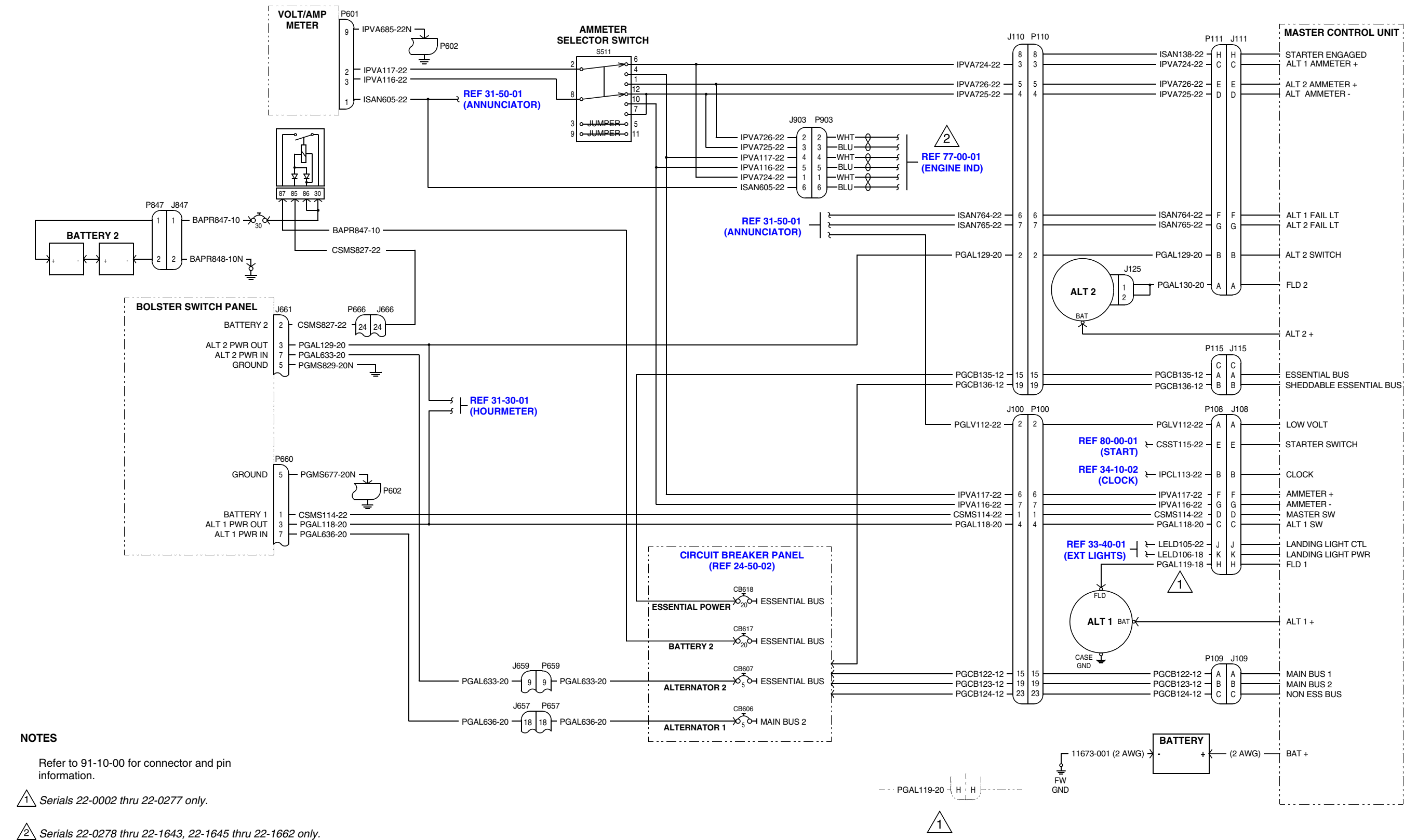
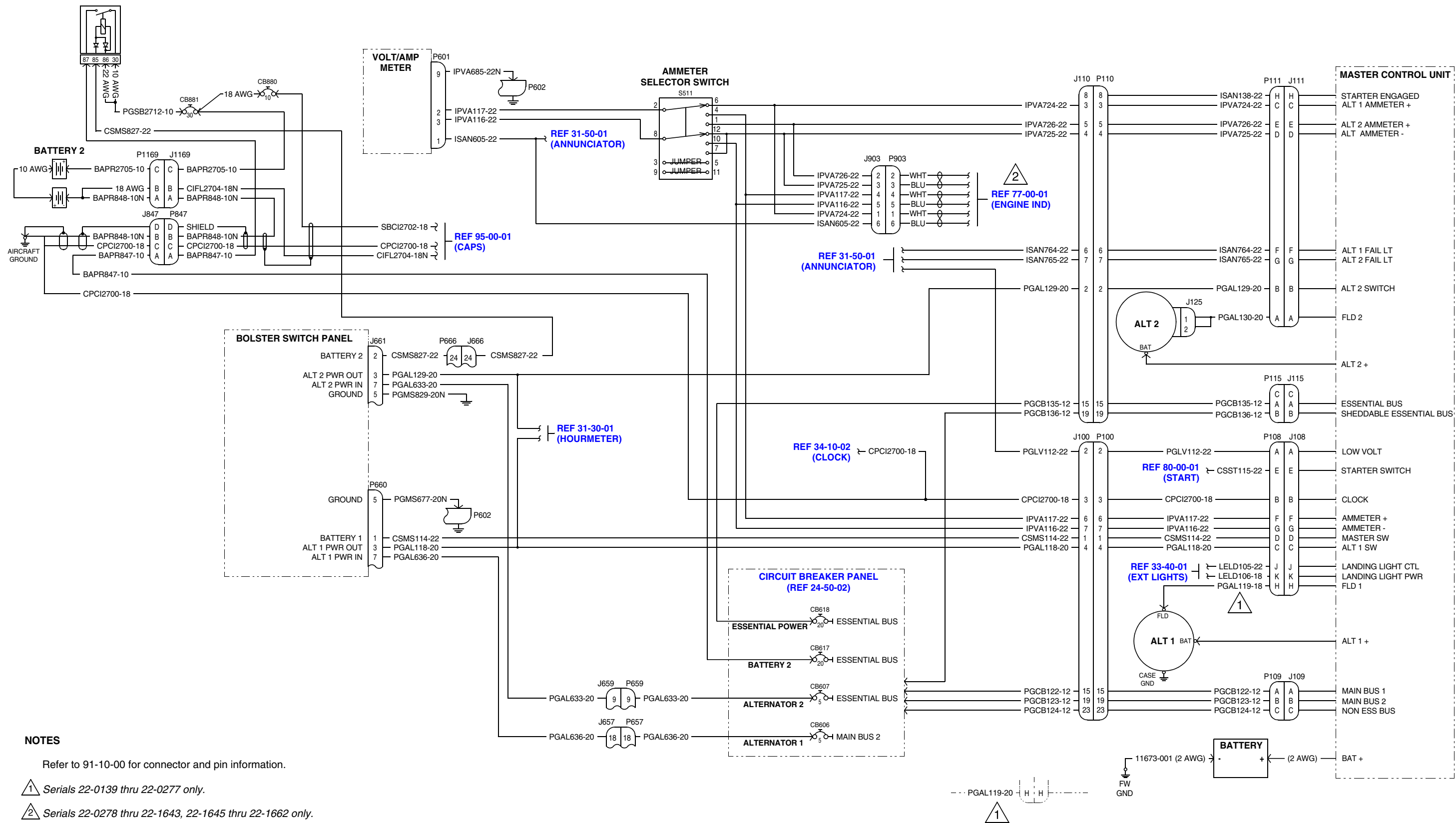


Figure-01

DC Generation - Serials 22-0139 thru 22-0820 before SB2X-95-17, 22-0821 thru 22-1662 before SB2X-95-18 (1 of 2)

EFFECTIVITY:
Serials 22-0139 thru 22-0820 before SB2X-95-17, 22-0821 thru 22-1662 before SB2X-95-18



NOTES

Refer to 91-10-00 for connector and pin information.

1 Serials 22-0139 thru 22-0277 only.

2 Serials 22-0278 thru 22-1643, 22-1645 thru 22-1662 only.

Figure-01

DC Generation - Serials 22-0139 thru 22-0820 after SB2X-95-17, 22-0821 thru 22-1662 after SB2X-95-18 (2 of 2)

EFFECTIVITY:

Serials 22-0139 thru 22-0820 after SB2X-95-17, 22-0821 thru 22-1662 after SB2X-95-18

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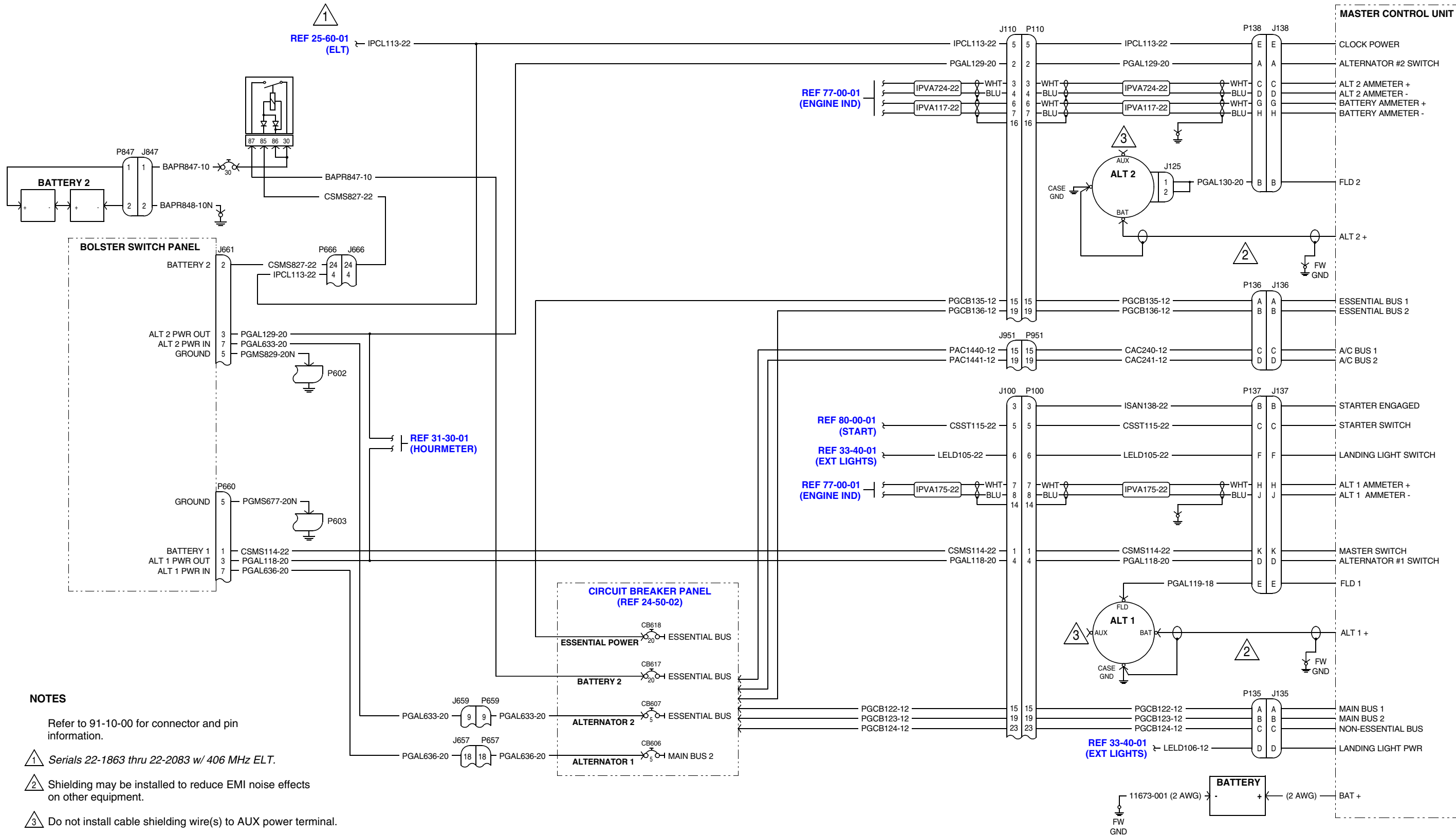
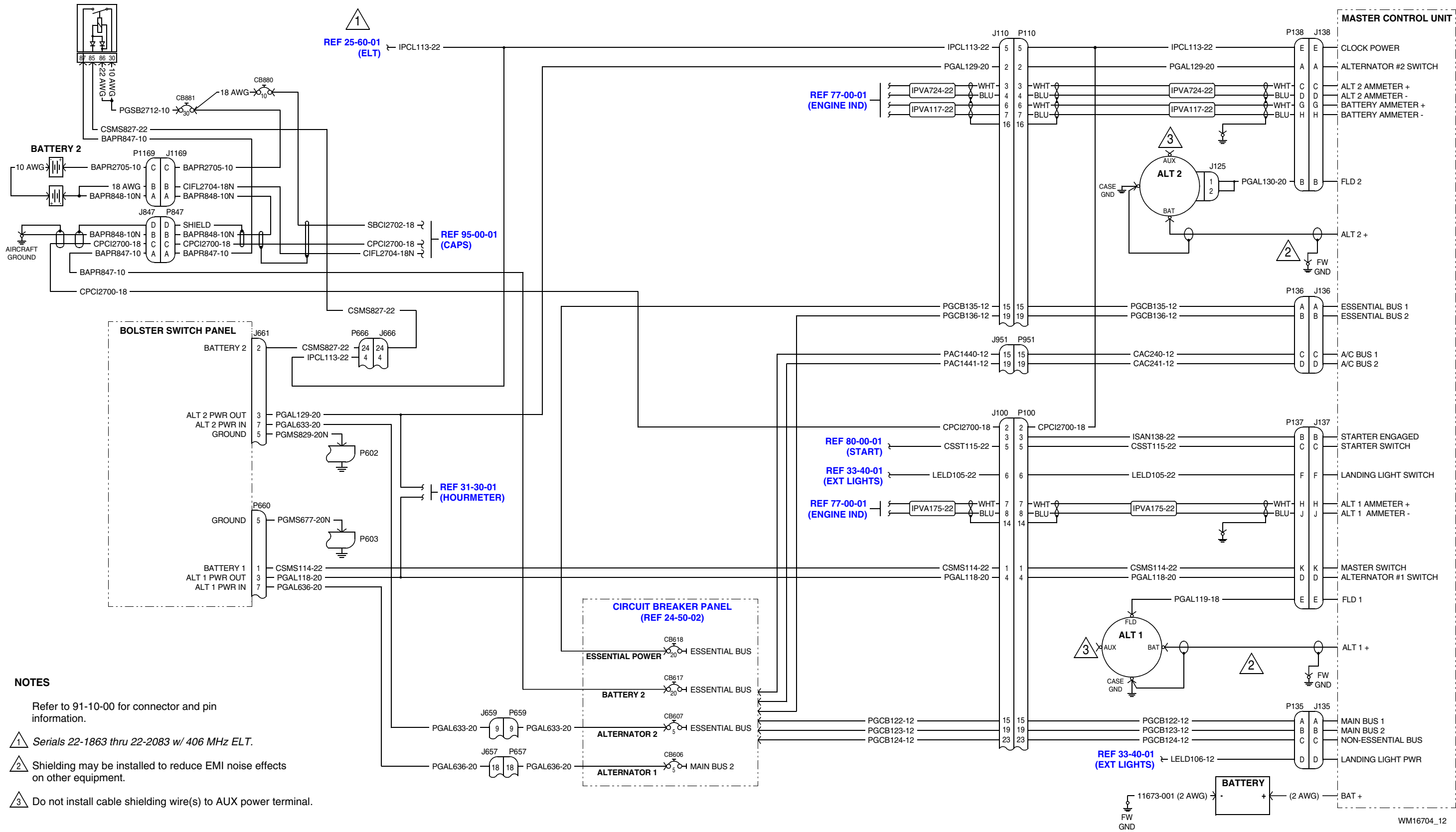


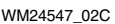
Figure-01

DC Generation - Serials 22-1663 & subs w/o Perspective before SB2X-95-18 (1 of 2)

EFFECTIVITY:
Serials 22-1663 & subs w/o Perspective before SB2X-95-18

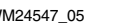
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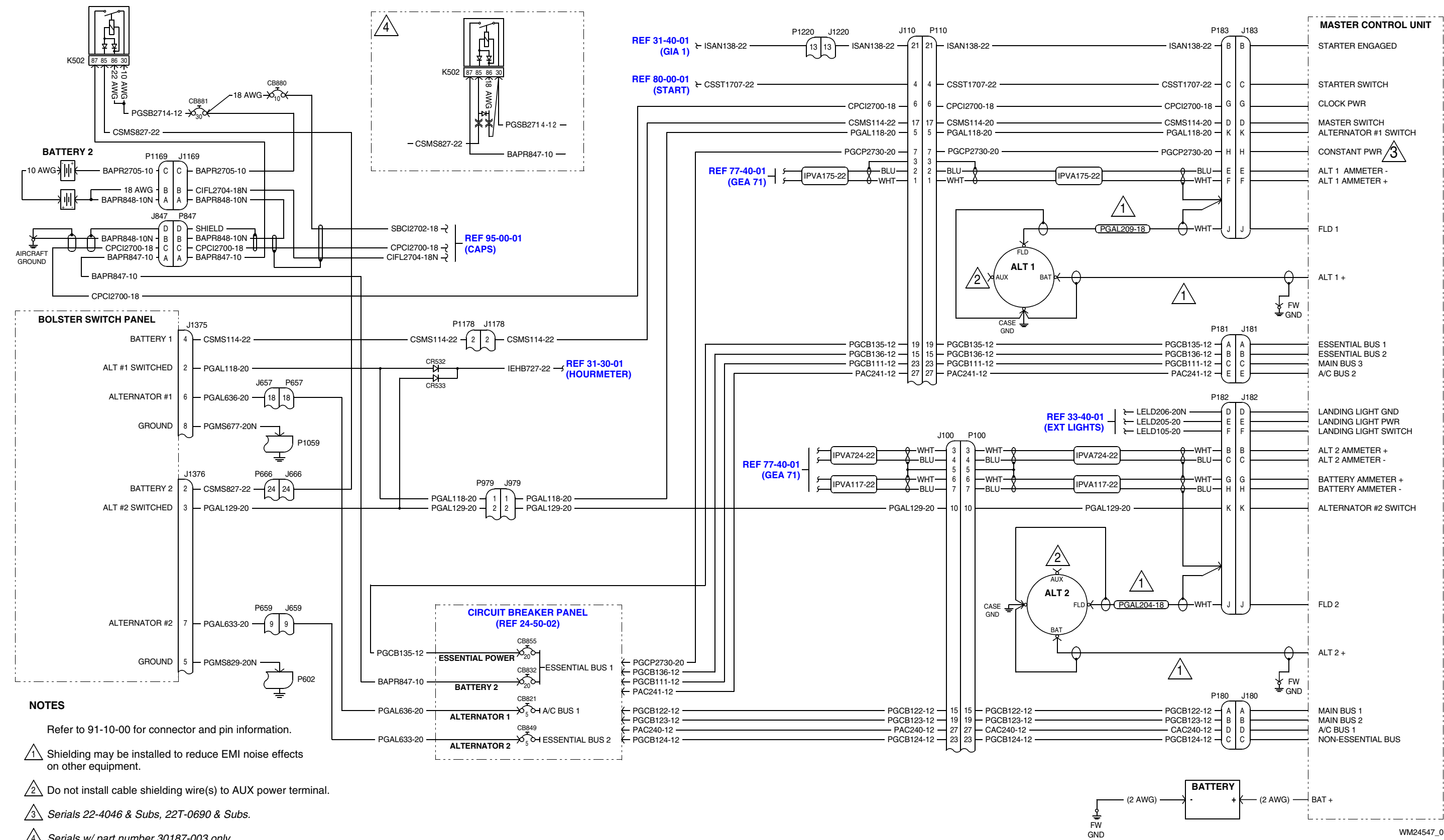
DC Generation - Serials 22-3026 thru 22-3785 w/ Perspective, 22T-0001 thru 22T-0187

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DC Generation - Serials 22-3786 thru 22-3914 w/ Perspective, 22T-0188 thru 22T-0441

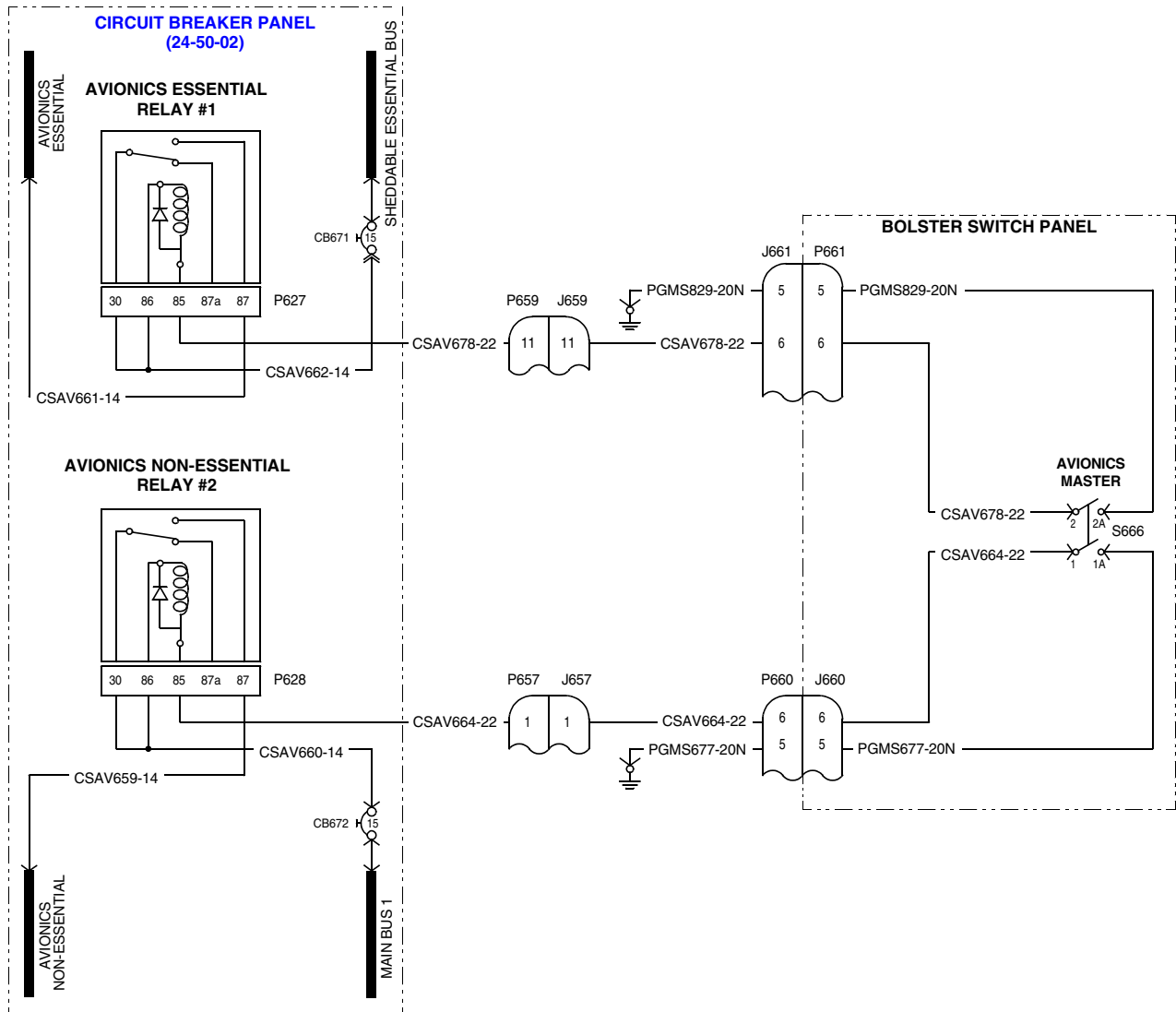
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- NOTES**
- Refer to 91-10-00 for connector and pin information.
- 1 Shielding may be installed to reduce EMI noise effects on other equipment.
- 2 Do not install cable shielding wire(s) to AUX power terminal.
- 3 Serials 22-4046 & Subs, 22T-0690 & Subs.
- 4 Serials w/ part number 30187-003 only.

Figure-01
DC Generation - Serials 22-3915 & subs w/ Perspective, 22T-0442 & subs

EFFECTIVITY:
Serials 22-3915 & subs w/ Perspective, 22T-0442 & subs



NOTES

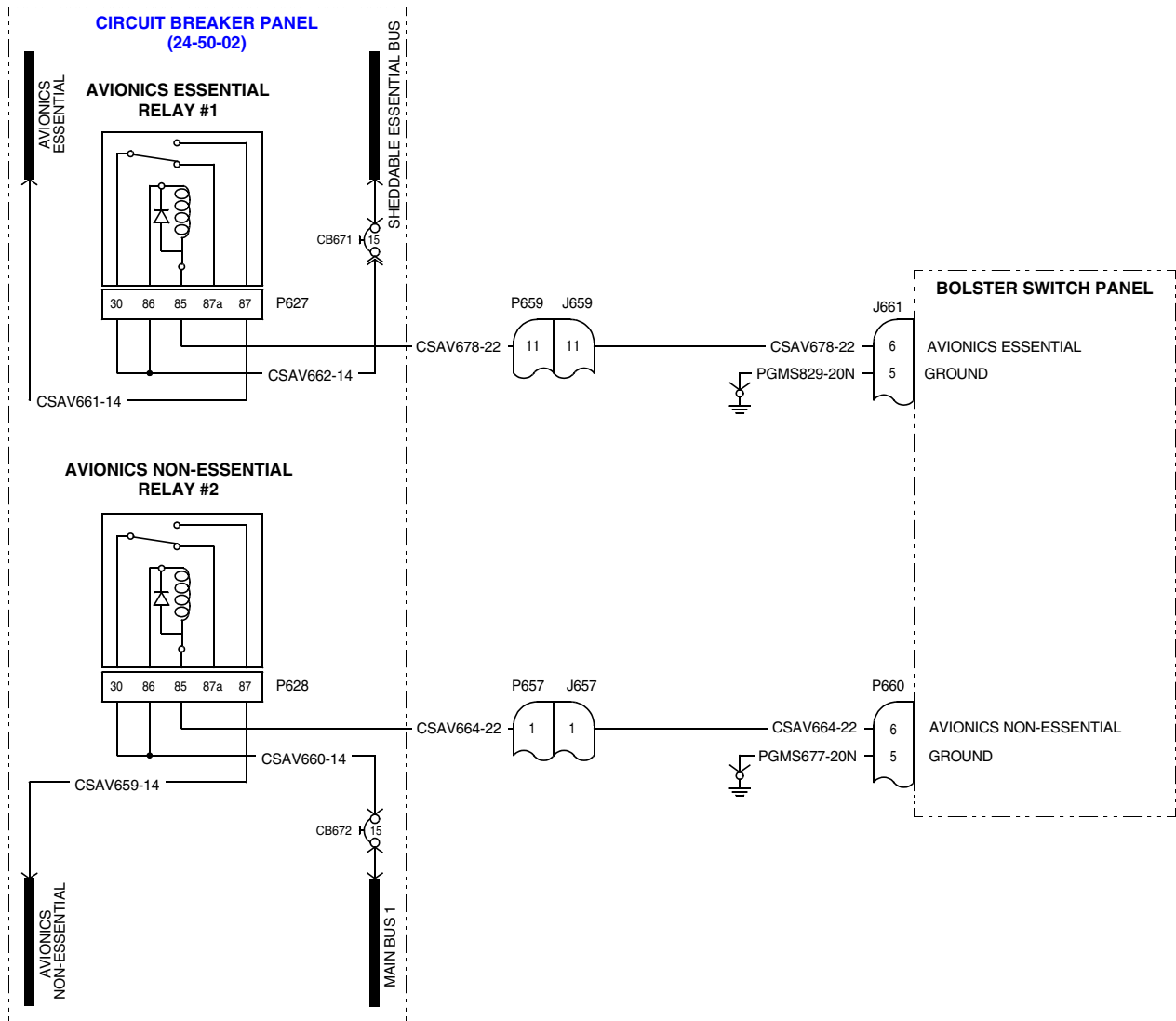
Refer to 91-10-00 for connector and pin information.

WM14301_1

Figure-01
Avionics Power - Serials 22-0002 thru 22-0138

EFFECTIVITY:
Serials 22-0002 thru 22-0138

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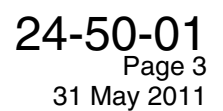
Refer to 91-10-00 for connector and pin information.

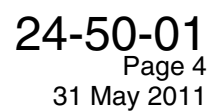
WM14301_2

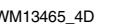
Figure-01
Avionics Power - Serials 22-0139 & subs w/o Perspective

EFFECTIVITY:
Serials 22-0139 & subs w/o Perspective

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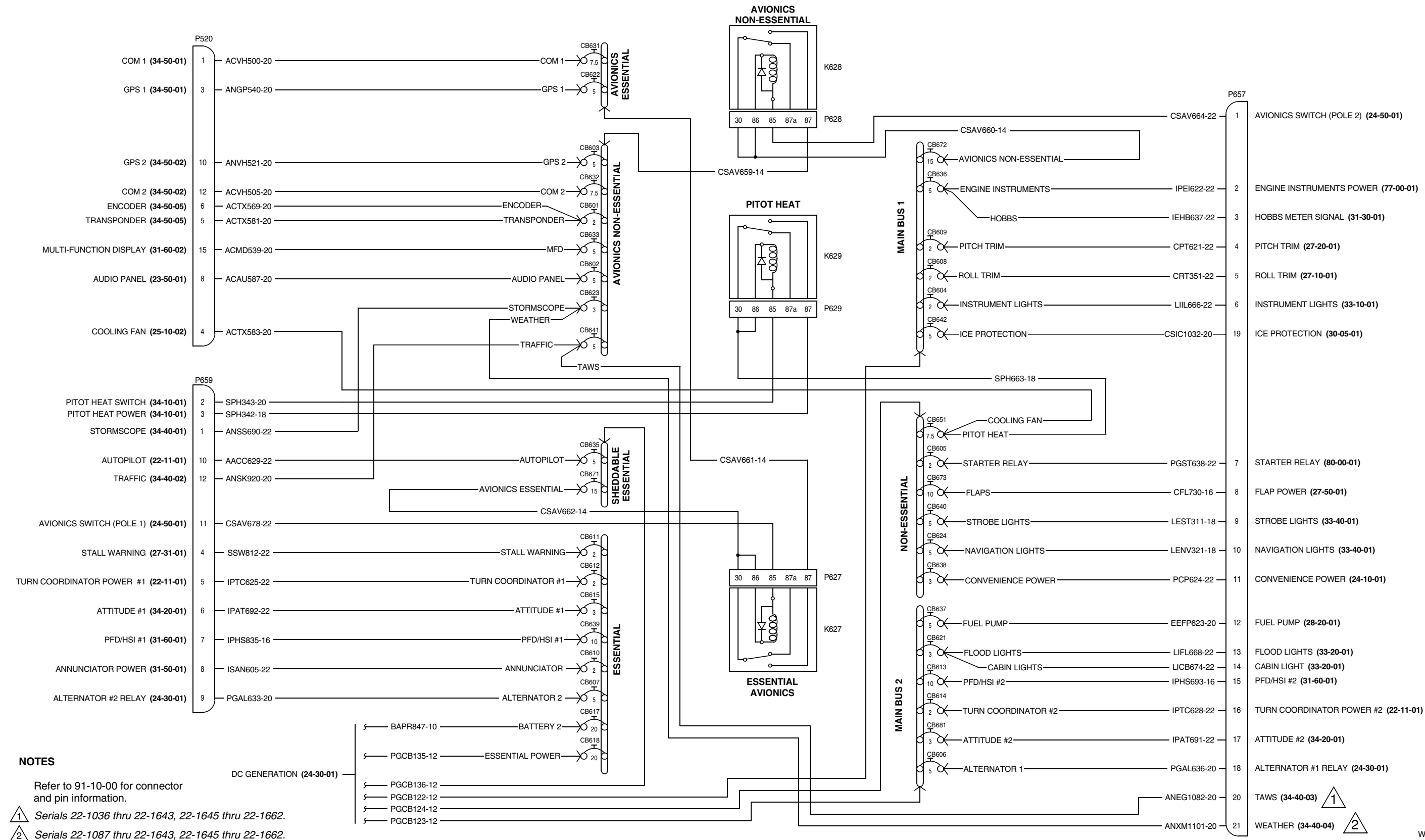


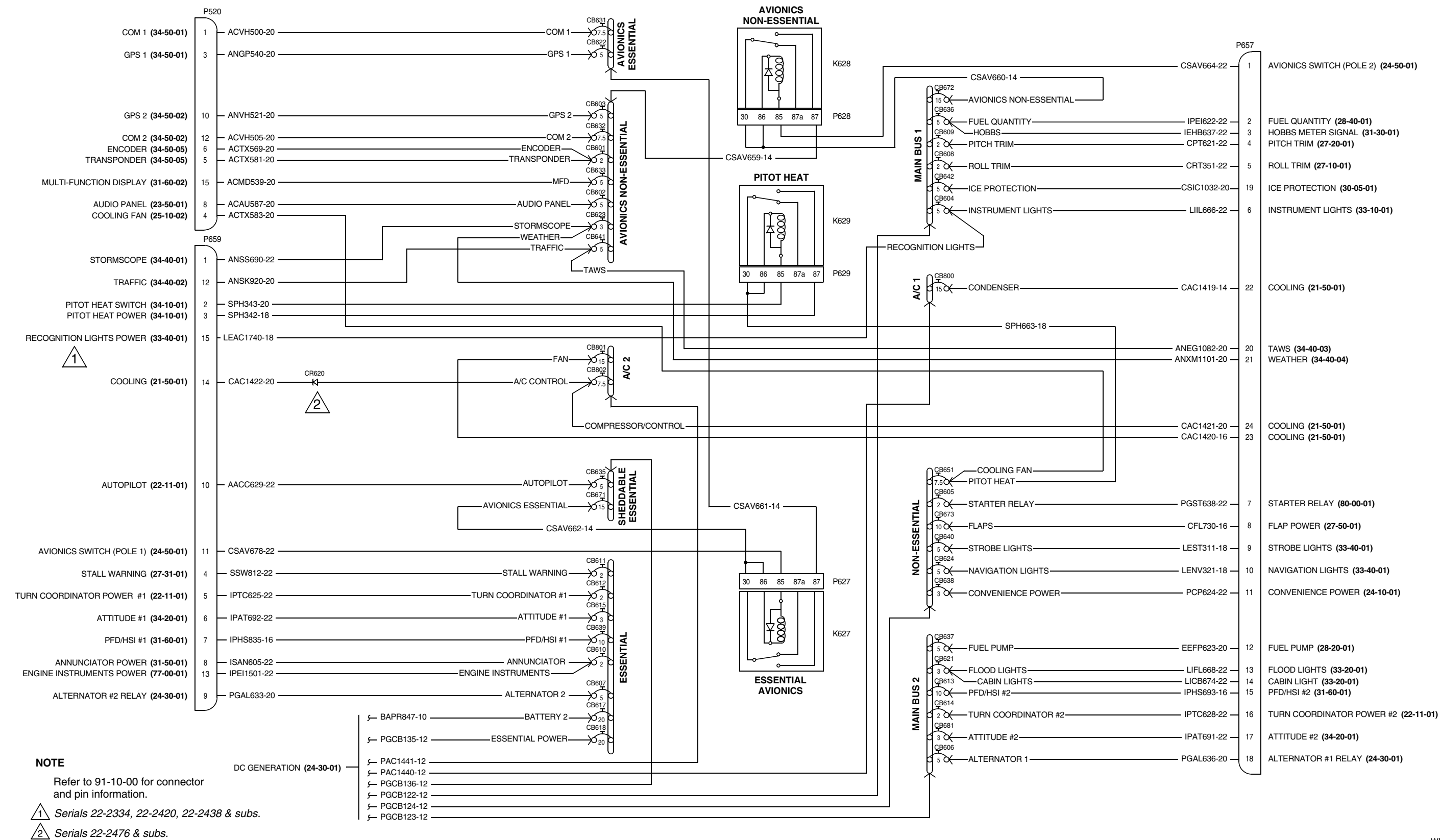




Circuit Breaker Panel - Serials 22-0002 thru 22-0434

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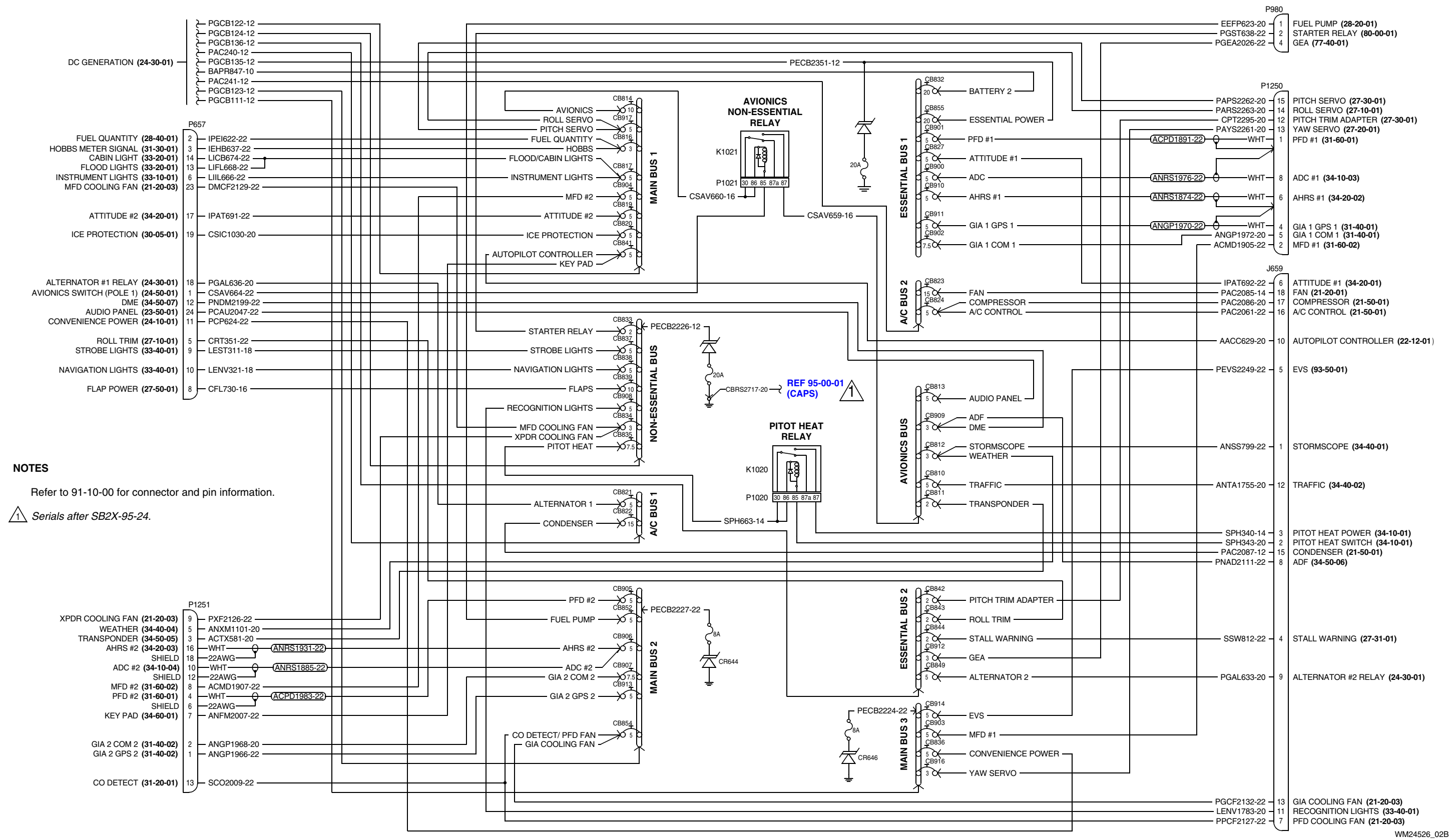


Figure-02

Circuit Breaker Panel - Serials 22-3026 thru 22-3402 w/ Perspective

EFFECTIVITY:
Serials 22-3026 thru 22-3402 w/ Perspective

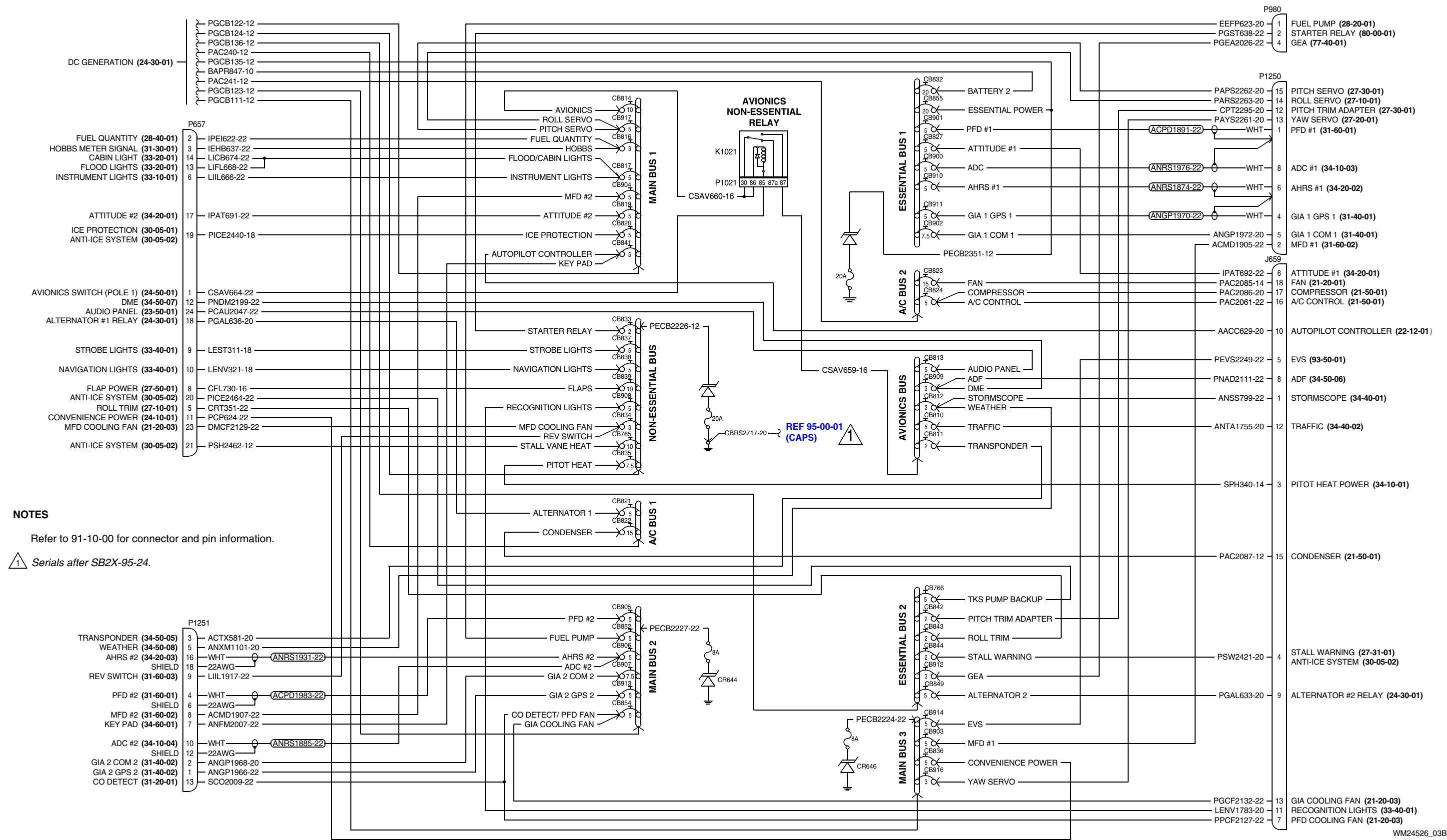
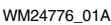


Figure-02

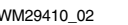
Circuit Breaker Panel - Serials 22-3403 thru 22-3659 w/ Perspective, 22T-0001 thru 22T-0040

EFFECTIVITY:
Serials 22-3403 thru 22-3659 w/ Perspective, 22T-0001 thru 22T-0040



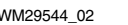
Circuit Breaker Panel - Serials 22-3660 thru 22-3827 w/ Perspective, 22T-0041 thru 22T-0267

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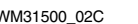
Circuit Breaker Panel - Serials 22-3828 thru 22-3848 w/ Perspective, 22T-0268 thru 22T-0318

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Circuit Breaker Panel - Serials 22-3849 thru 22-4045 w/ Perspective, 22T-0319 thru 22T-0689

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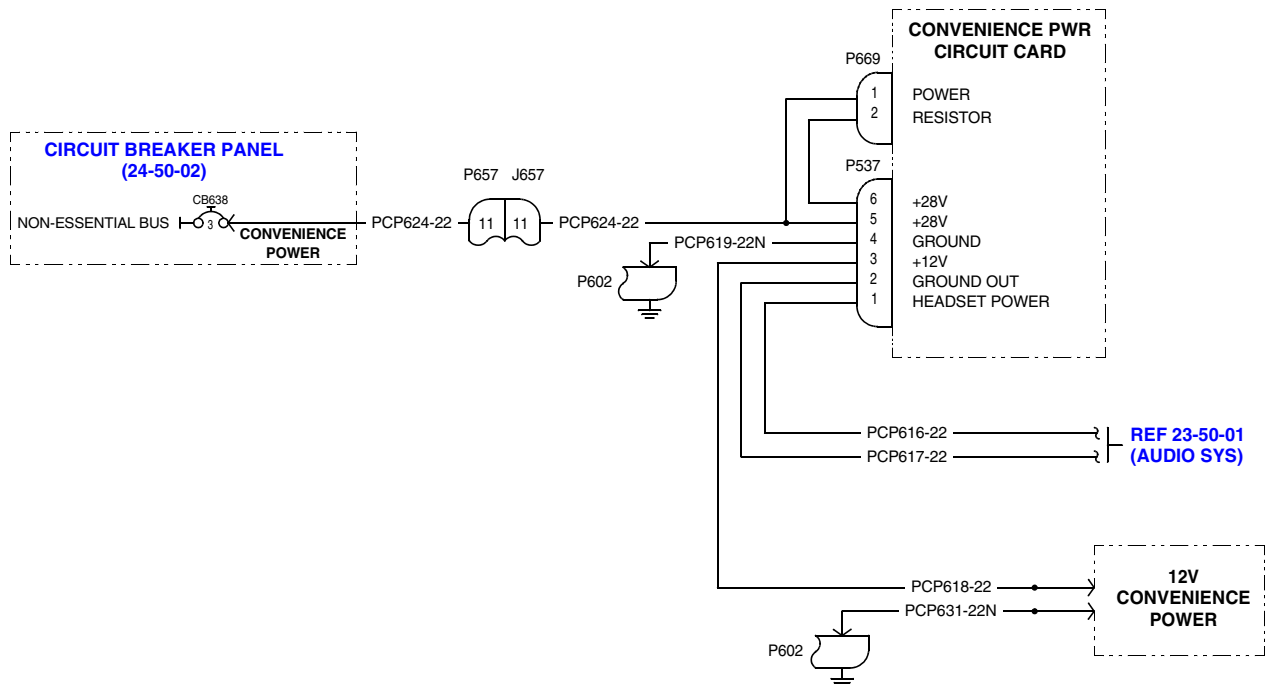
Circuit Breaker Panel - Serials 22-4046 & subs w/ Perspective, 22T-0690 & subs (1 of 2)

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Circuit Breaker Panel - Serials 22-4046 & subs w/ Perspective, 22T-0690 & subs (2 of 2)

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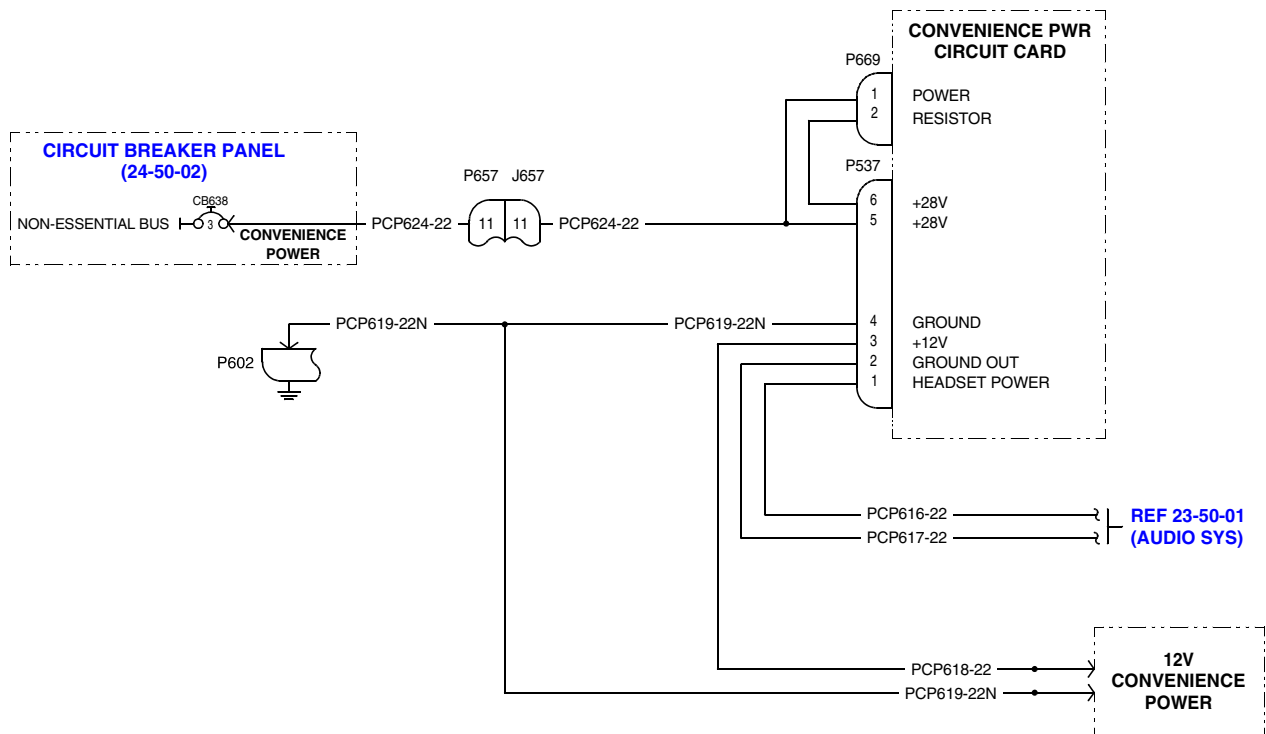
Refer to 91-10-00 for connector and pin information.

WM13455_1

Figure-03
Convenience Power - Serials 22-0002 thru 22-0168

EFFECTIVITY:
Serials 22-0002 thru 22-0168

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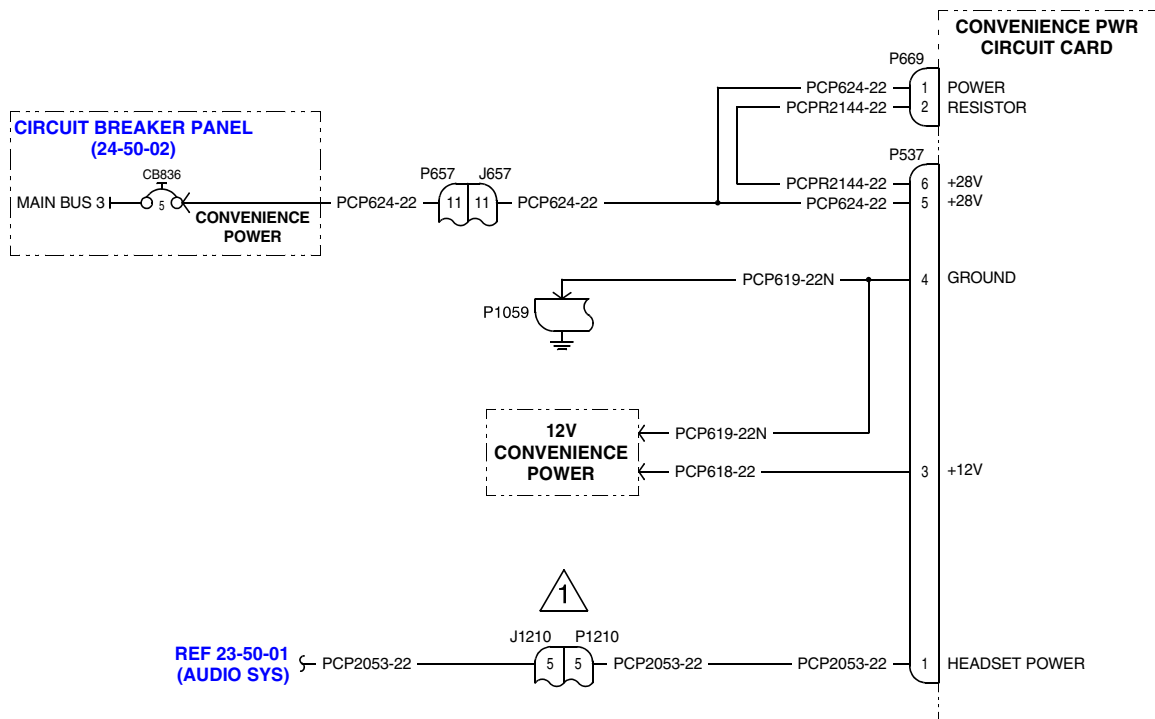
Refer to 91-10-00 for connector and pin information.

WM13455_02A

Figure-03
Convenience Power - Serials 22-0169 & subs w/o Perspective

EFFECTIVITY:
Serials 22-0169 & subs w/o Perspective

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NOTES

Refer to 91-10-00 for connector and pin information.

- 1 Serials 22-3026 thru 22-3102 before SB 2X-91-01:
Connector is labeled J1310, and P1310.

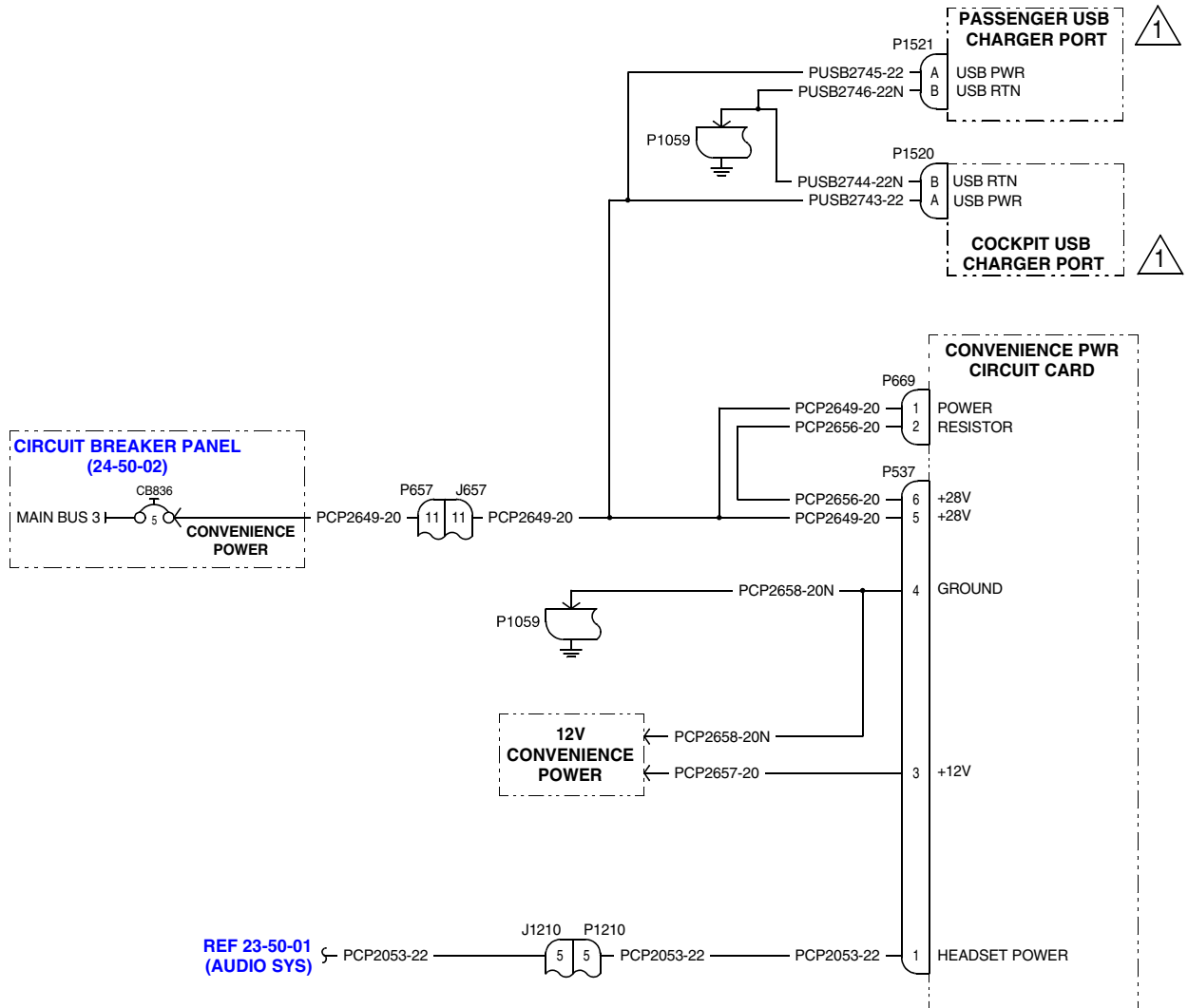
WM24562-14A

Figure-03

Convenience Power - Serials 22-3026 thru 22-3848 w/ Perspective, 22T-0001 thru 22T-0318

EFFECTIVITY:
Serials 22-3026 thru 22-3848 w/ Perspective, 22T-0001 thru 22T-0318

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NOTES

Refer to 91-10-00 for connector and pin information.

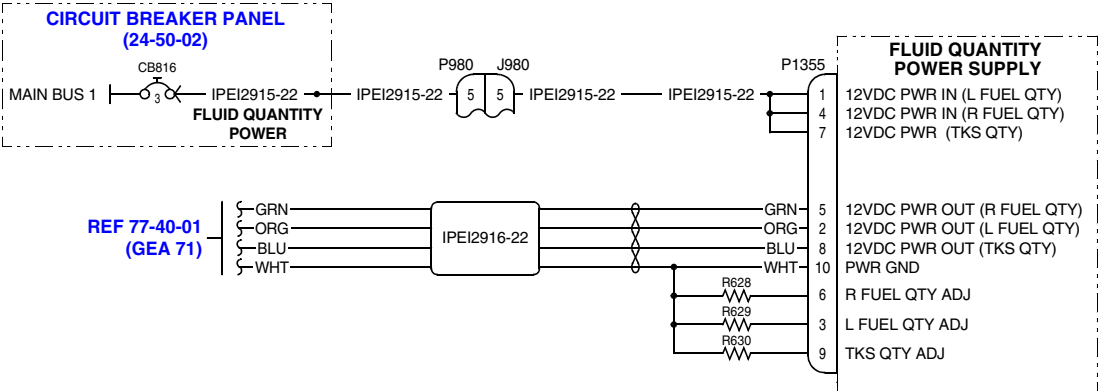
1 Serials 22-4164 & subs, 22T-0963 & subs.

WM26333-04B

Figure-03
Convenience Power - Serials 22-3849 & subs w/ Perspective, 22T-0319 & subs

EFFECTIVITY:
Serials 22-3849 & subs w/ Perspective, 22T-0319 & subs

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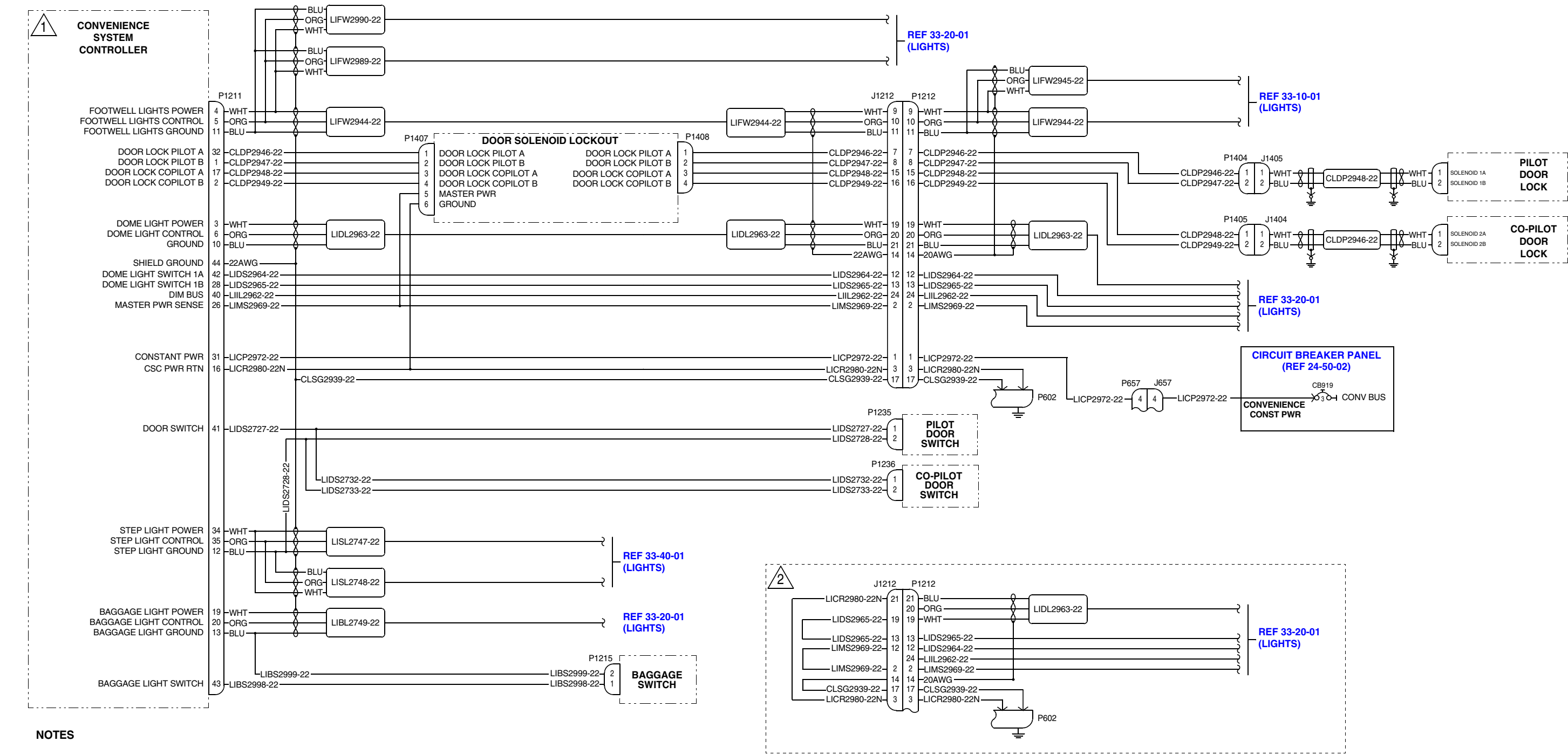
NOTES

Refer to 91-10-00 for connector and pin information.

WM29603-06

Figure-04
Fluid Quantity Power - Serials 22-3849 thru 22-4214, 22T-0319 thru 22T-1058

EFFECTIVITY:
Serials 22-3849 thru 22-4214, 22T-0319 thru 22T-1058



NOTES

- Refer to 91-10-00 for connector and pin information.
- 1** Serials 2303 & subs w/ Convenience Lighting.
- 2** Serials 2303 & subs w/o Convenience Lighting.

Figure-05

Convenience System Controller - Serials 22-4300 & subs, 22T-1233 & subs w/ Convenience Lighting

EFFECTIVITY:
Serials 22-4300 & subs, 22T-1233 & subs w/ Convenience Lighting

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CHAPTER

25

**EQUIPMENT AND
FURNISHINGS**

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All

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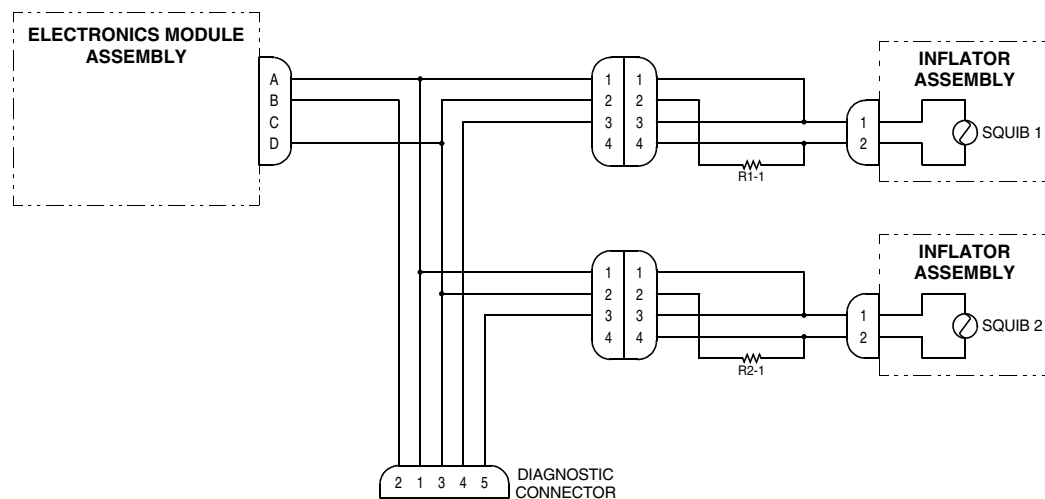
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406 MHz ELT - Serials 22-1863 thru 22-2083	25-60-01
406 MHz ELT - Serials 22-2084 & subs w/o Perspective	25-60-01
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Artex ELT 1000 Emergency Locator Transmitter - Serials 22-4164 & subs, 22T-0963 & subs	25-60-01

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NOTES

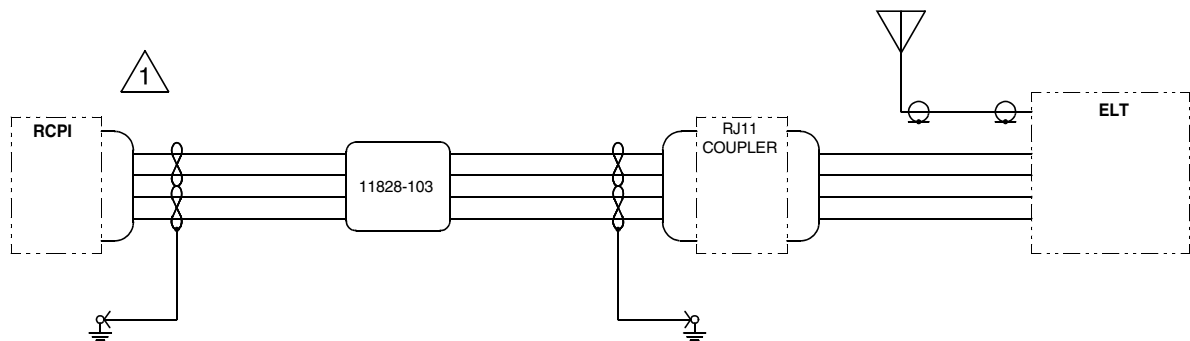
Refer to 91-10-00 for connector and pin information.

WM20902_2

Figure-01
Crew Seat Harness - Serials 22-0002 & subs, 22T-0001 & subs

EFFECTIVITY:
Serials 22-0002 & subs, 22T-0001 & subs

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NOTES

Refer to 91-10-00 for connector and pin information.

 All connectors plugs on 11828-101 are RJ-11 plugs.

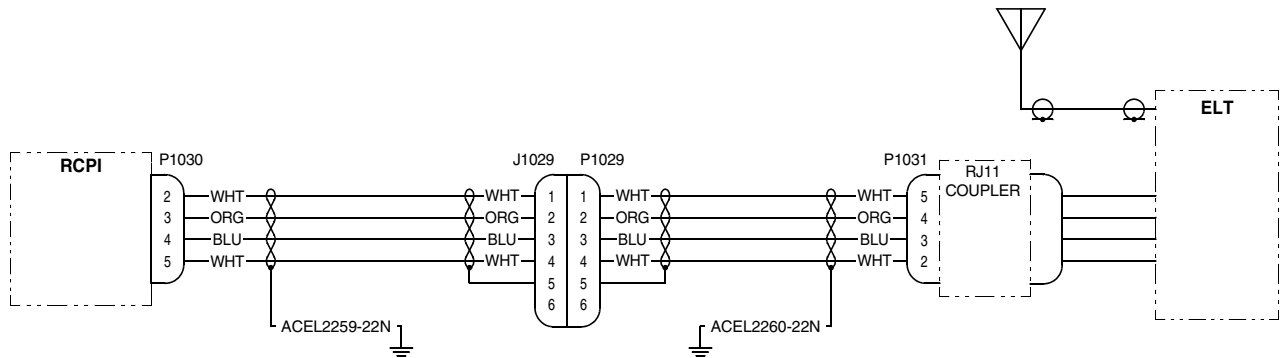
WM11828_2

Figure-01

ELT - Serials 22-0002 thru 22-3827 w/o Perspective

EFFECTIVITY:
Serials 22-0002 thru 22-3827 w/o Perspective

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NOTES

Refer to 91-10-00 for connector and pin information.

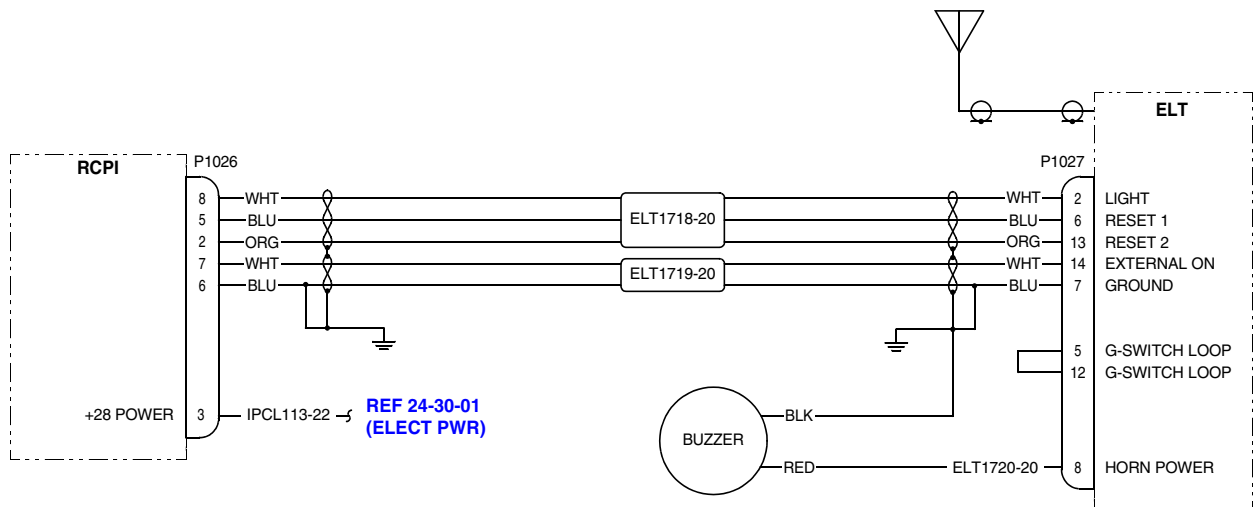
WM24698_02

Figure-01

ELT - Serials 22-3026 thru 22-3827 w/ Perspective, 22T-0001 thru 22T-0267

EFFECTIVITY:

Serials 22-3026 thru 22-3827 w/ Perspective, 22T-0001 thru 22T-0267



NOTES

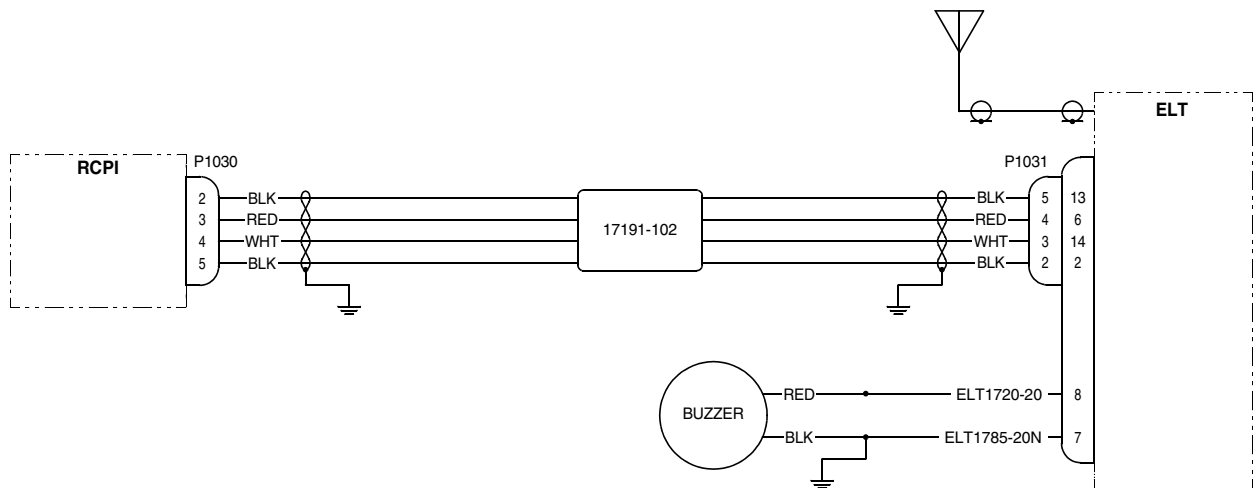
Refer to 91-10-00 for connector and pin information.

WM17191_2

Figure-01
406 MHz ELT - Serials 22-1863 thru 22-2083

EFFECTIVITY:
Serials 22-1863 thru 22-2083

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NOTES

Refer to 91-10-00 for connector and pin information.

WM17191_4A

Figure-01
406 MHz ELT - Serials 22-2084 & subs w/o Perspective

EFFECTIVITY:
Serials 22-2084 & subs w/o Perspective

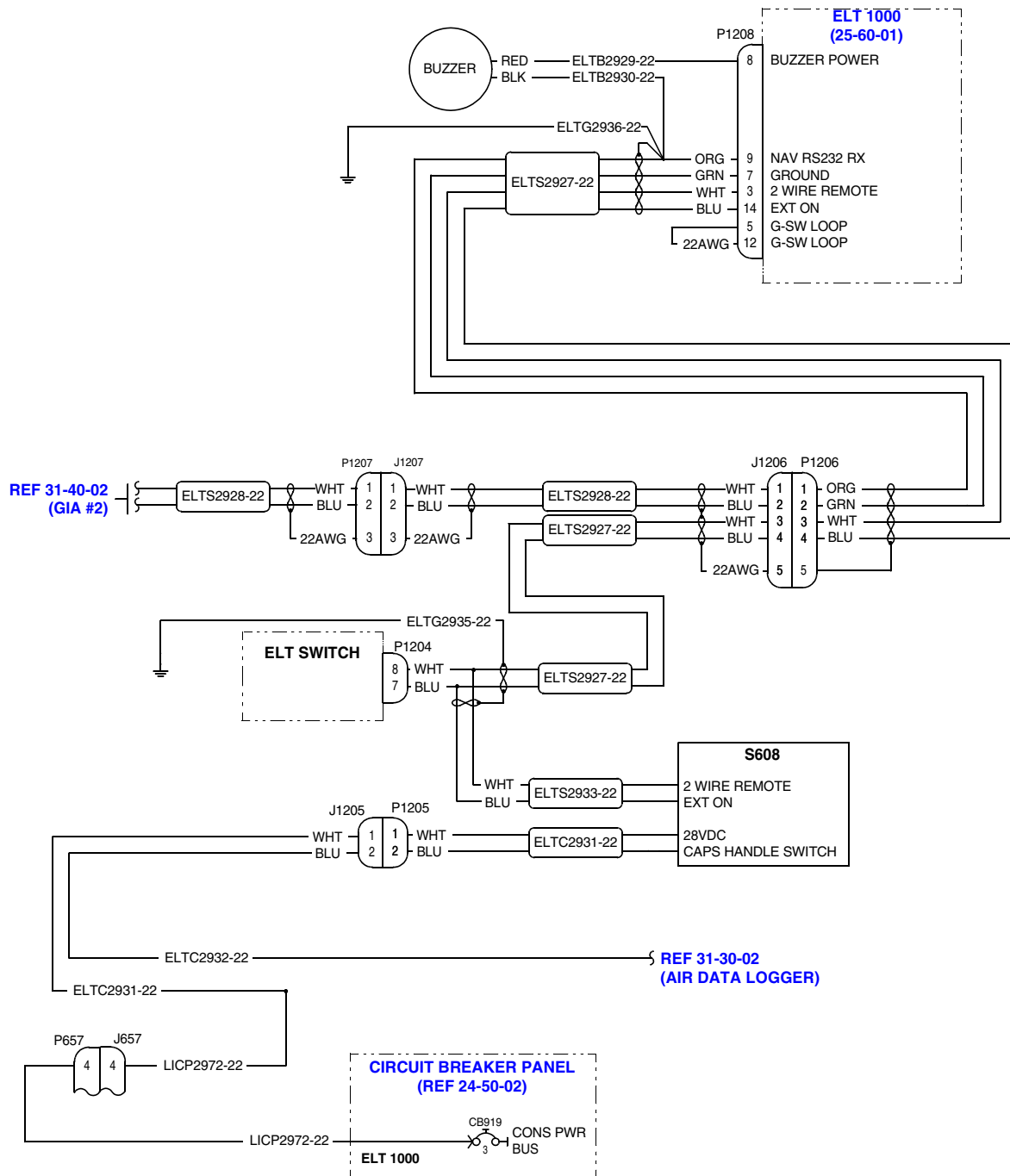
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WM24698_04A

406 MHz ELT - Serials 22-3026 thru 22-4163 w/ Perspective, 22T-0001 thru 22T-0962

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WM33938_02

Figure-01

Artex ELT 1000 Emergency Locator Transmitter - Serials 22-4164 & subs, 22T-0963 & subs

EFFECTIVITY:
Serials 22-4164 & subs, 22T-0963 & subs

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CHAPTER

27

FLIGHT CONTROLS

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CHAPTER 27 - FLIGHT CONTROLS

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27-50	4	31 MAY 2011
27-50	5	31 MAY 2011
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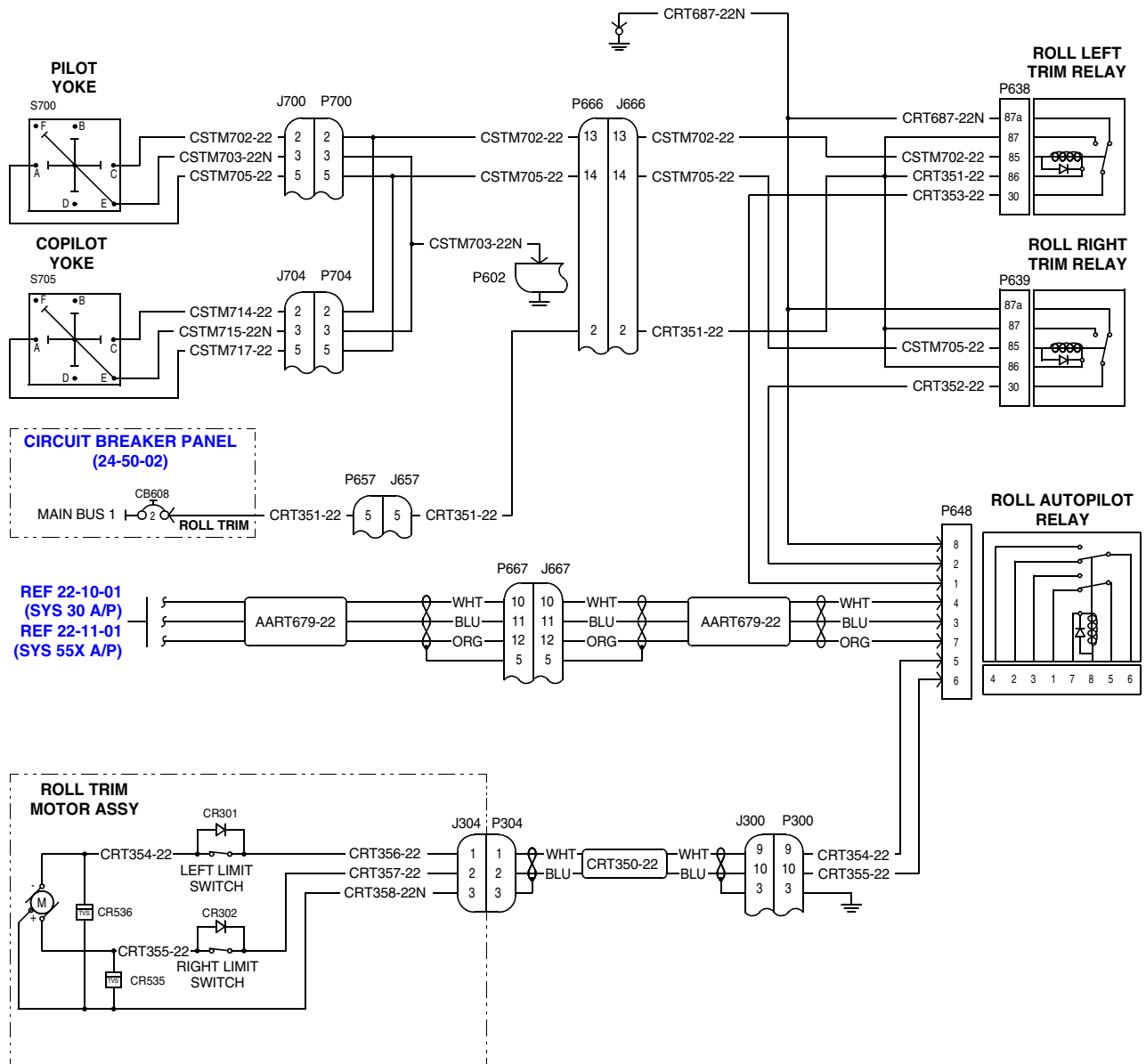
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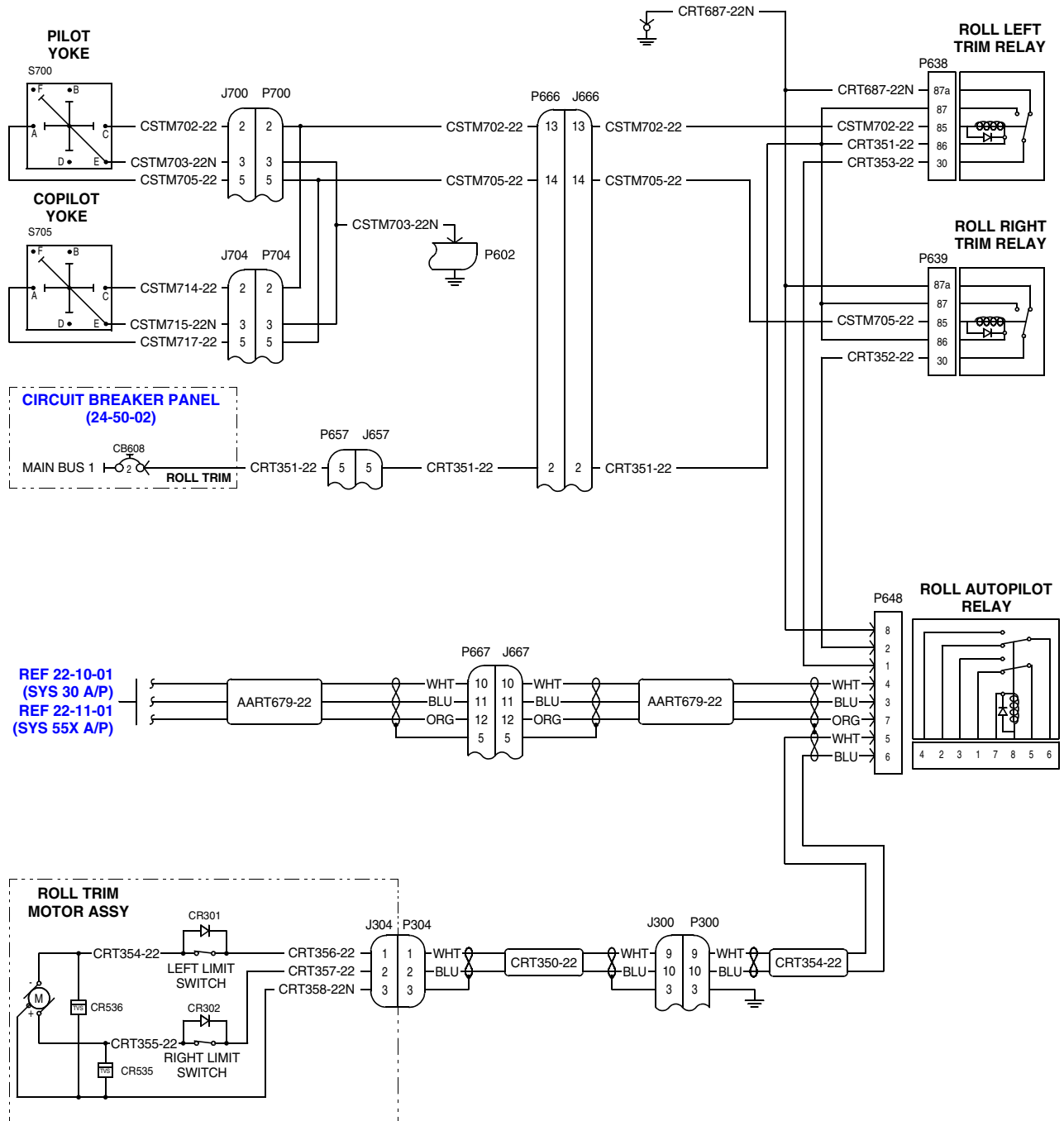
Refer to 91-10-00 for connector and pin information.

WM14308_1B

Figure-01
Roll Trim System - Serials 22-0002 thru 22-0820

EFFECTIVITY:
Serials 22-0002 thru 22-0820

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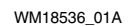
Refer to 91-10-00 for connector and pin information.

WM14308_2

Figure-01
Roll Trim System - Serials 22-0821 thru 22-2437

EFFECTIVITY:
Serials 22-0821 thru 22-2437

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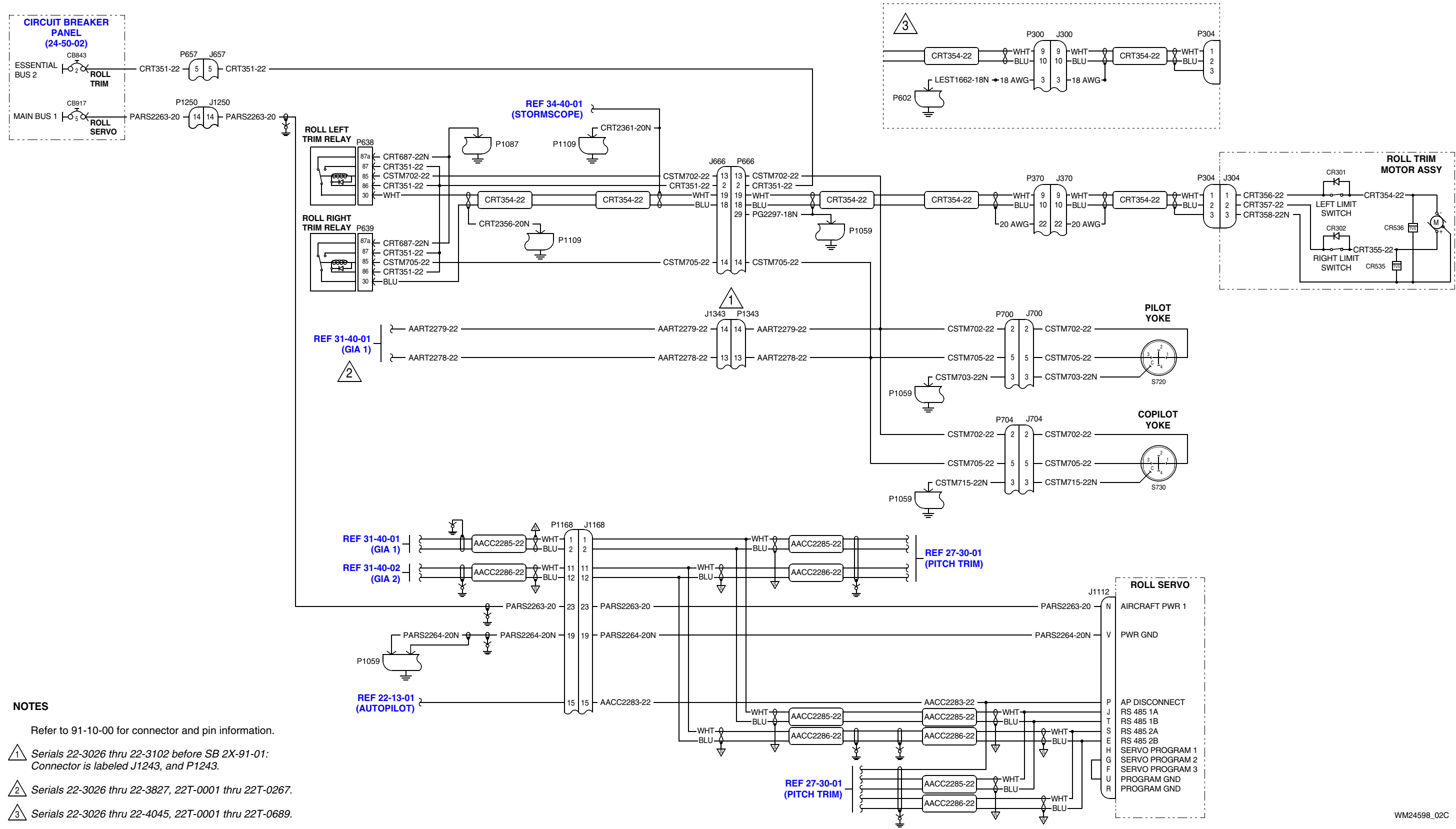


Figure-01

Roll Trim System - Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

EFFECTIVITY:
Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

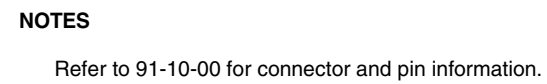


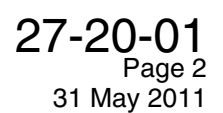
Figure-01

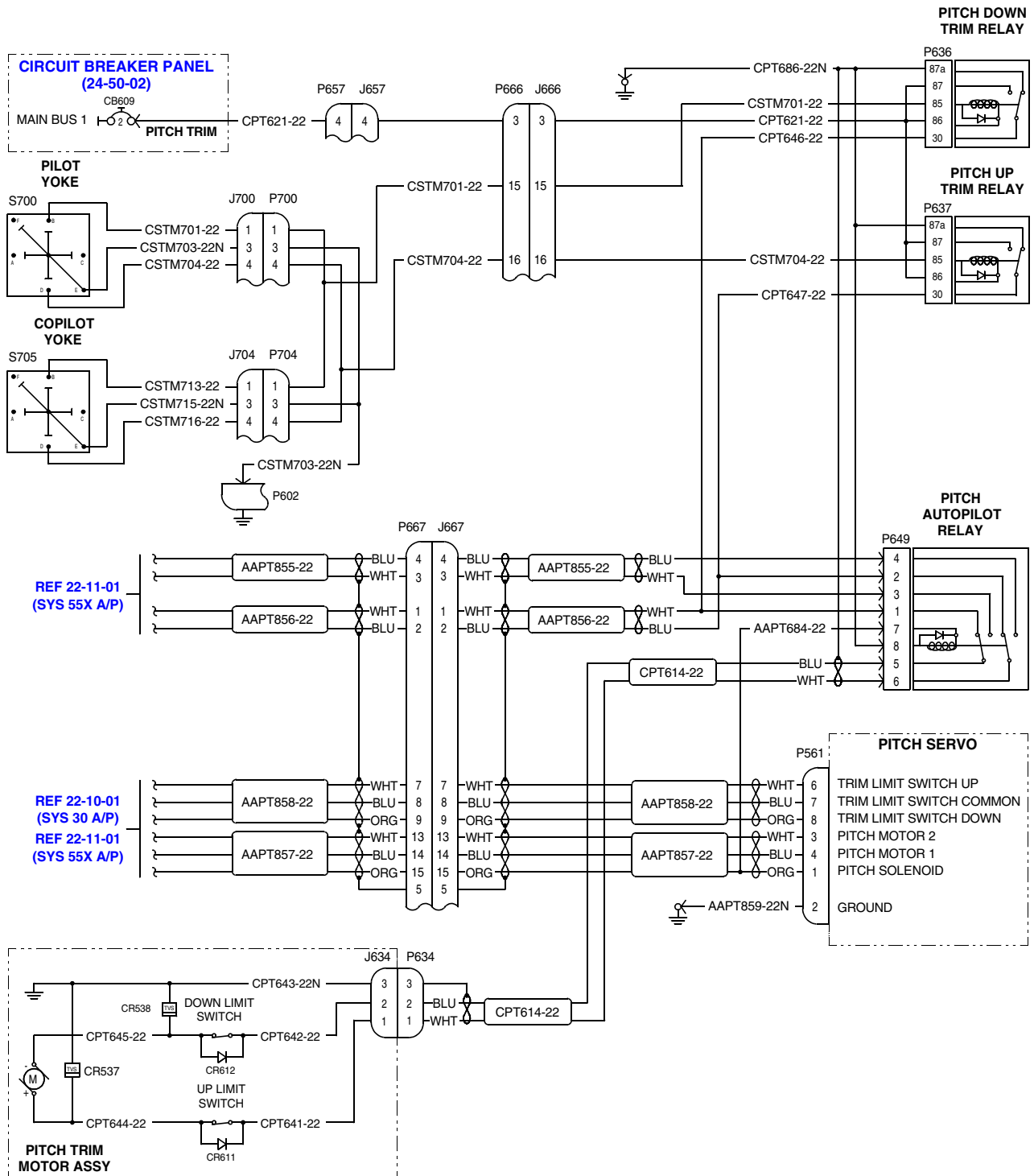
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WM14233_1

EFFECTIVITY:
Serials 22-0002 thru 22-0168





NOTES

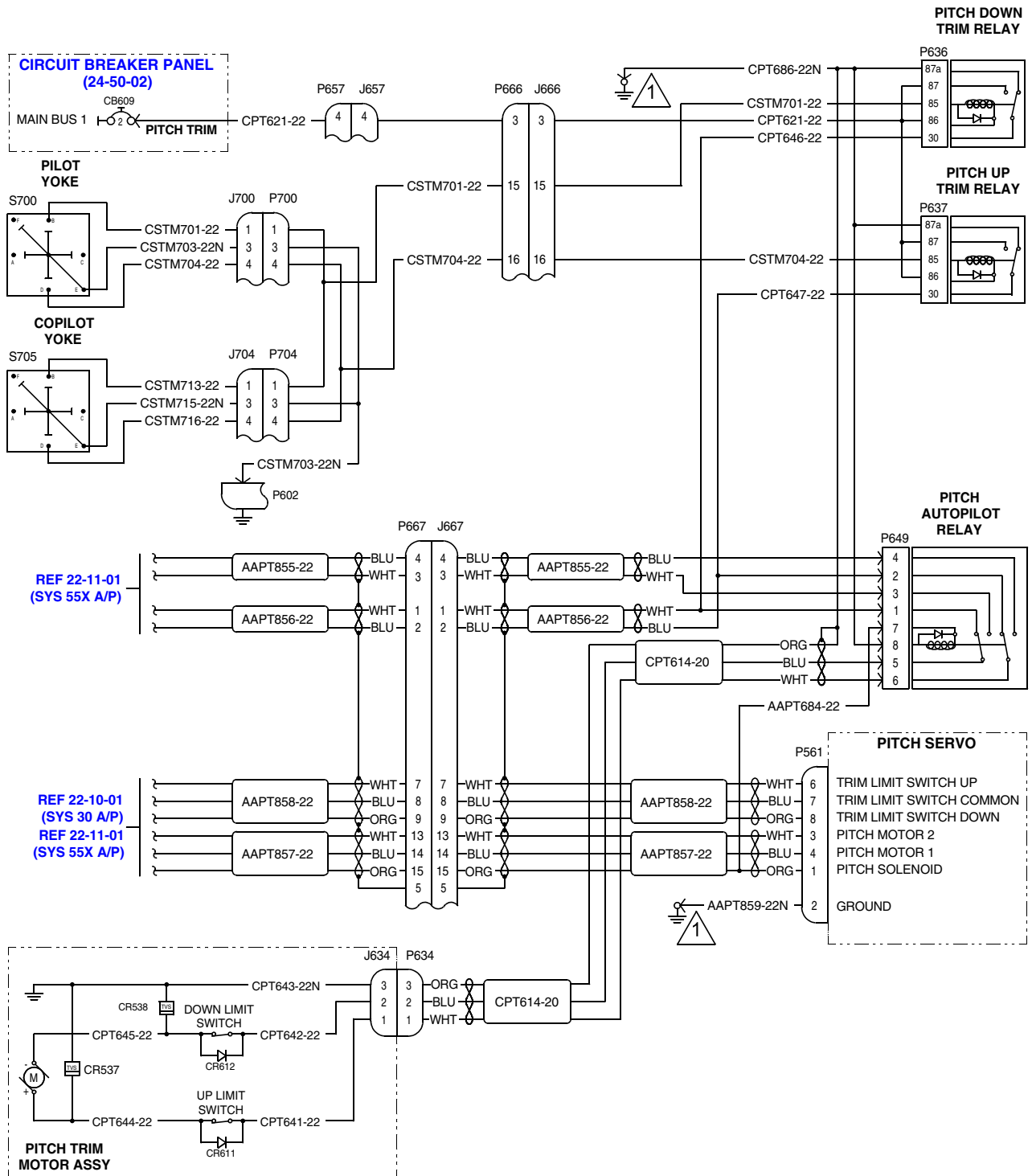
Refer to 91-10-00 for connector and pin information.

WM14305_1A

Figure-01
Pitch Trim System - Serials 22-0002 thru 22-0004

EFFECTIVITY:
Serials 22-0002 thru 22-0004

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NOTES

Refer to 91-10-00 for connector and pin information.

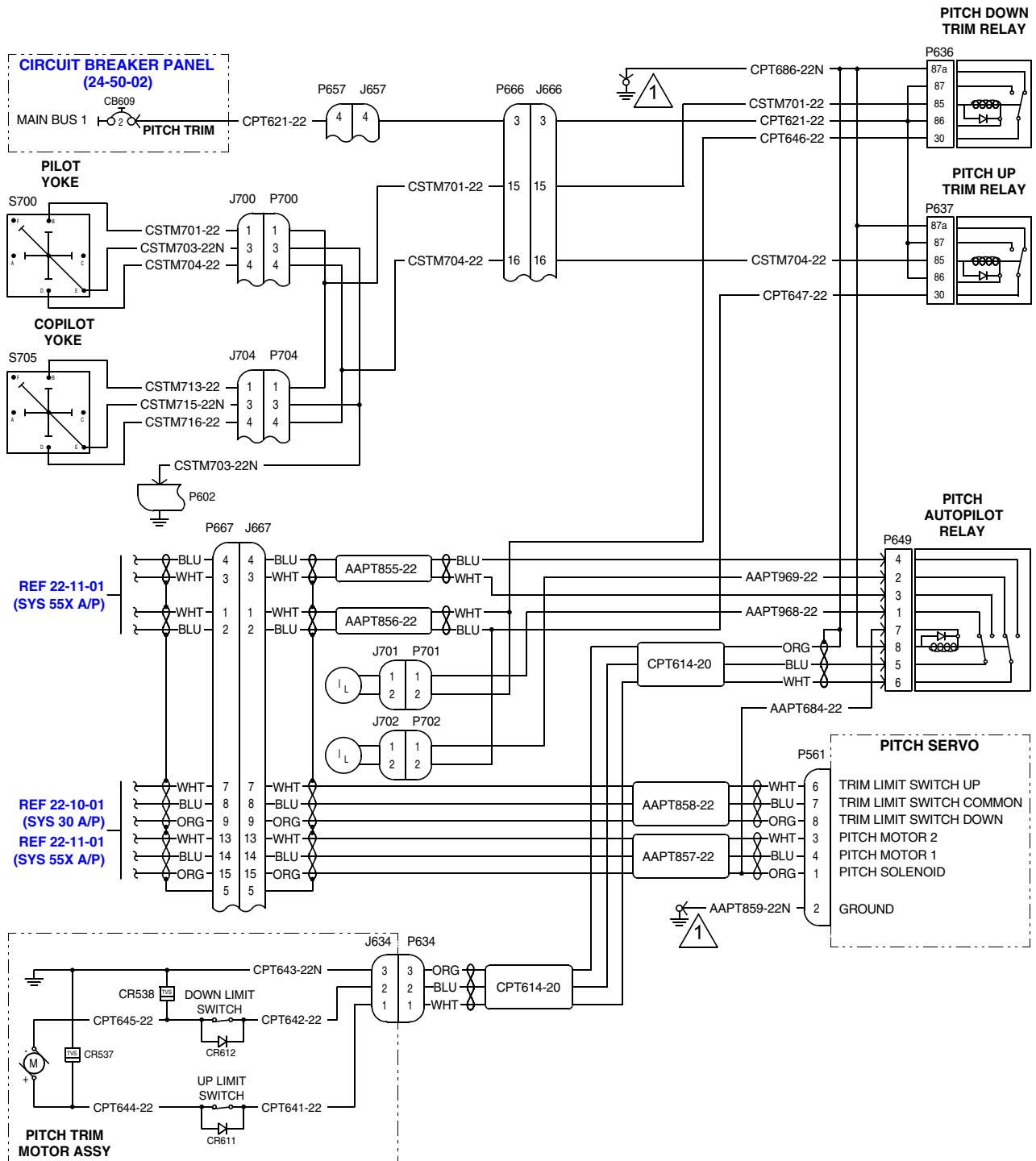
⚠ Ground wires are connected to Aft Ground Bus Bar.

WM14305_2A

Figure-01
Pitch Trim System - Serials 22-0005 thru 22-0138

EFFECTIVITY:
Serials 22-0005 thru 22-0138

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NOTES

Refer to 91-10-00 for connector and pin information.

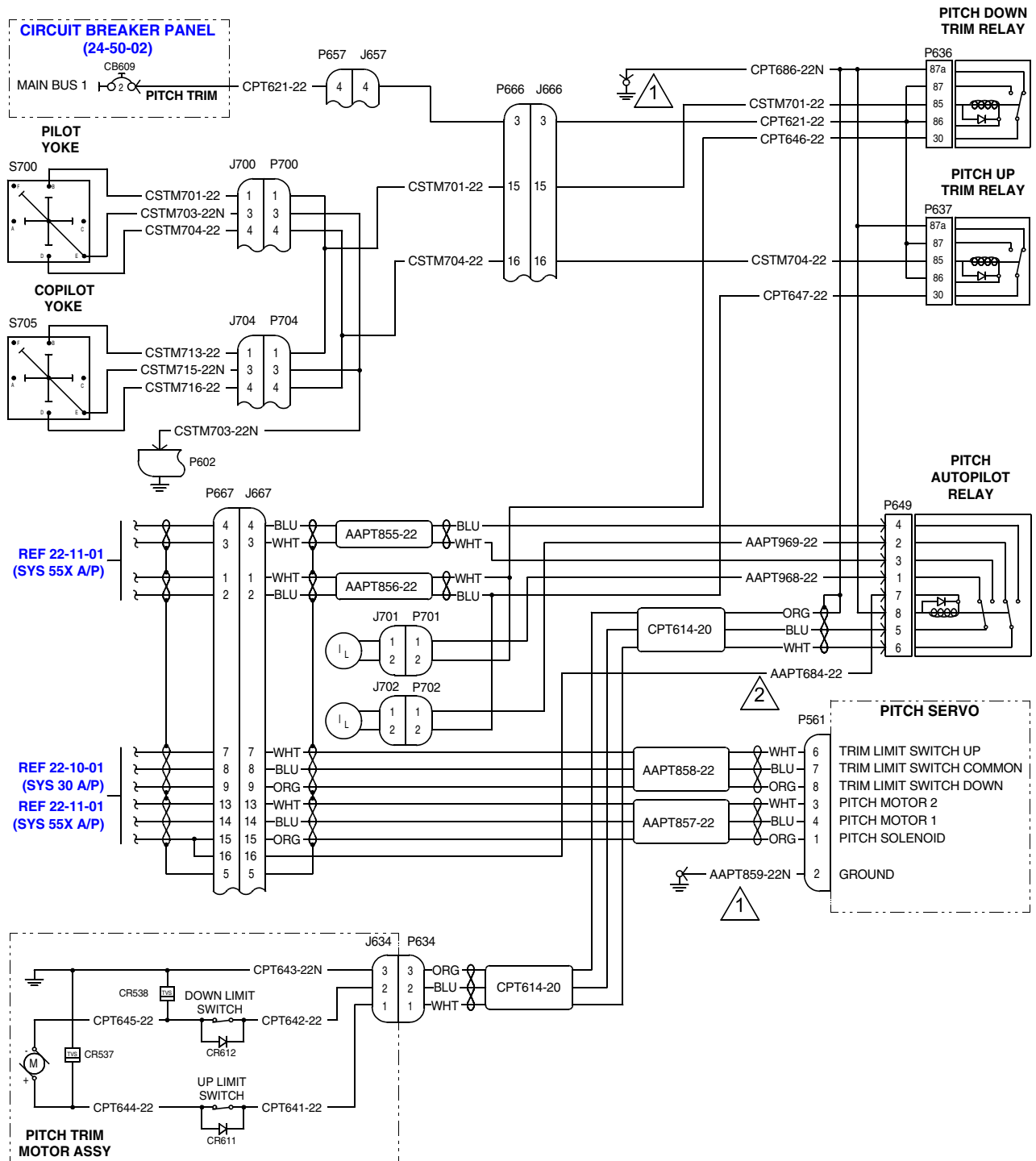
⚠ Ground wires are connected to Aft Ground Bus Bar.

WM14305_3A

Figure-01
Pitch Trim System - Serials 22-0139 thru 22-0199

EFFECTIVITY:
Serials 22-0139 thru 22-0199

27-30-01
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NOTES

Refer to 91-10-00 for connector and pin information.

① Ground wires are connected to Aft Ground Bus Bar.

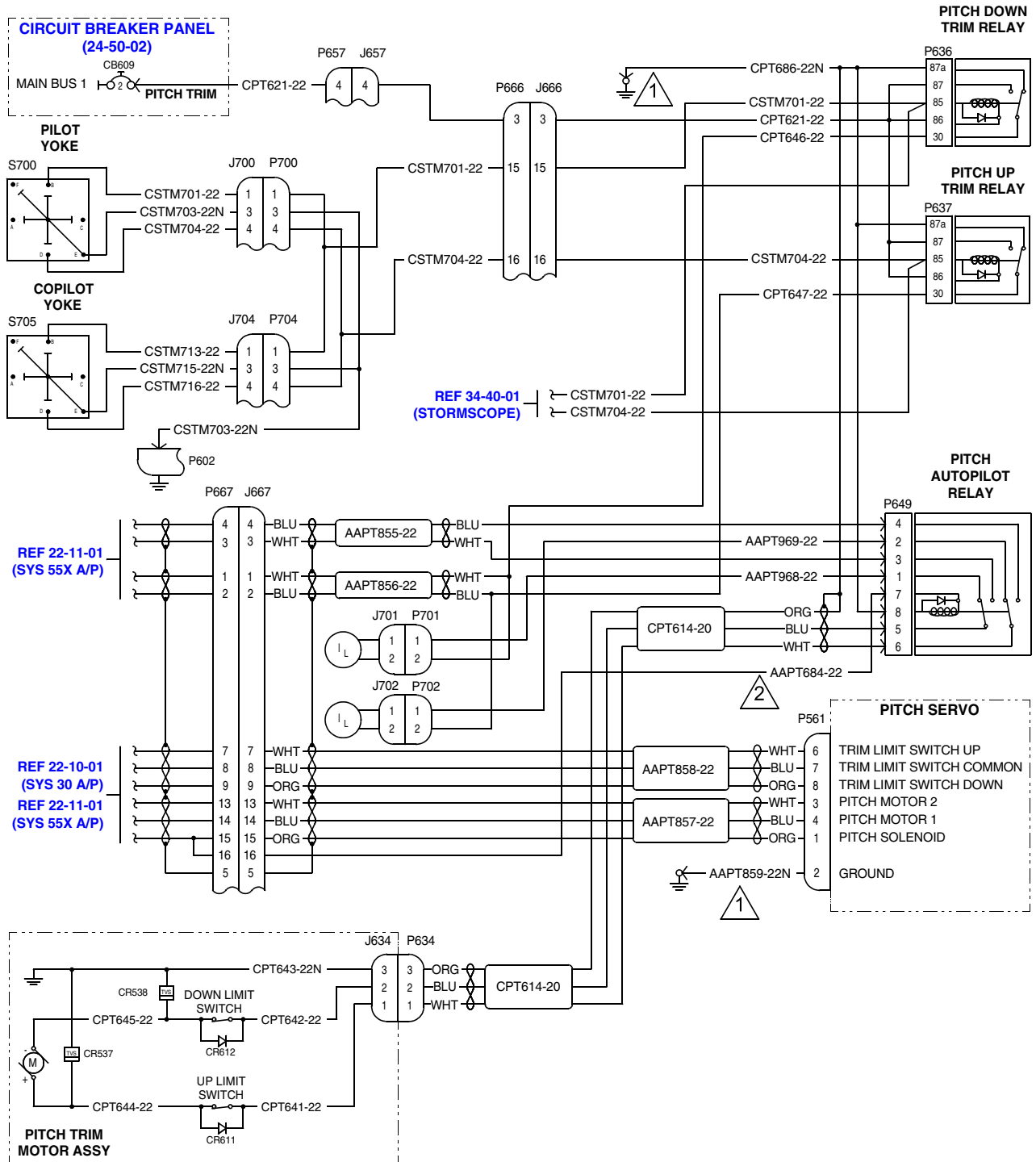
② Airplanes with system 55X autopilot only.

WM14305_4A

Figure-01
Pitch Trim System - Serials 22-0200 thru 22-0270

EFFECTIVITY:
 Serials 22-0200 thru 22-0270

27-30-01
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NOTES

Refer to 91-10-00 for connector and pin information.

① Ground wires are connected to Aft Ground Bus Bar.

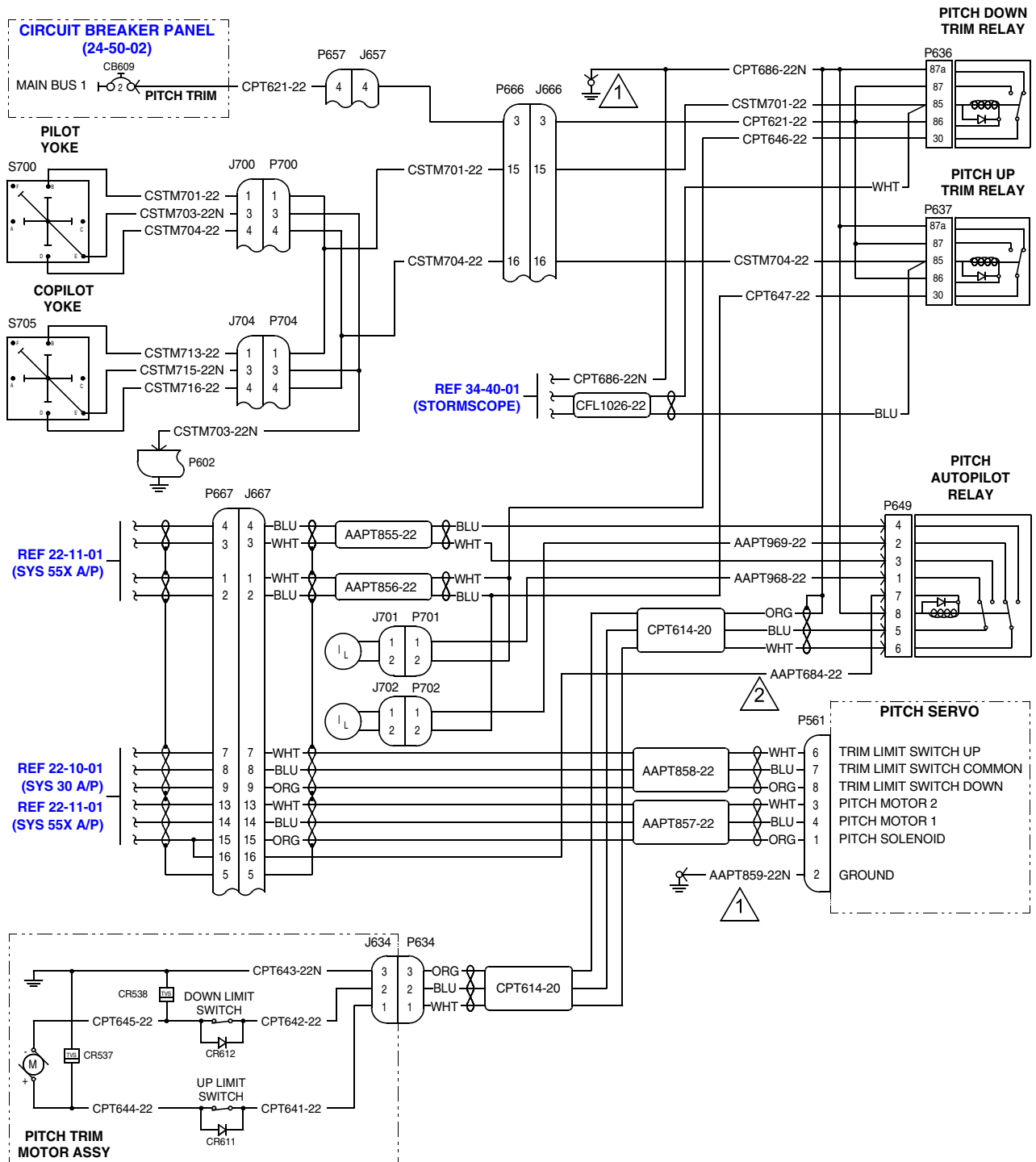
② Airplanes with system 55X autopilot only.

WM14305_5

Figure-01
Pitch Trim System - Serials 22-0271 thru 22-0305

EFFECTIVITY:
Serials 22-0271 thru 22-0305

27-30-01
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NOTES

Refer to 91-10-00 for connector and pin information.

① Ground wires are connected to Aft Ground Bus Bar.

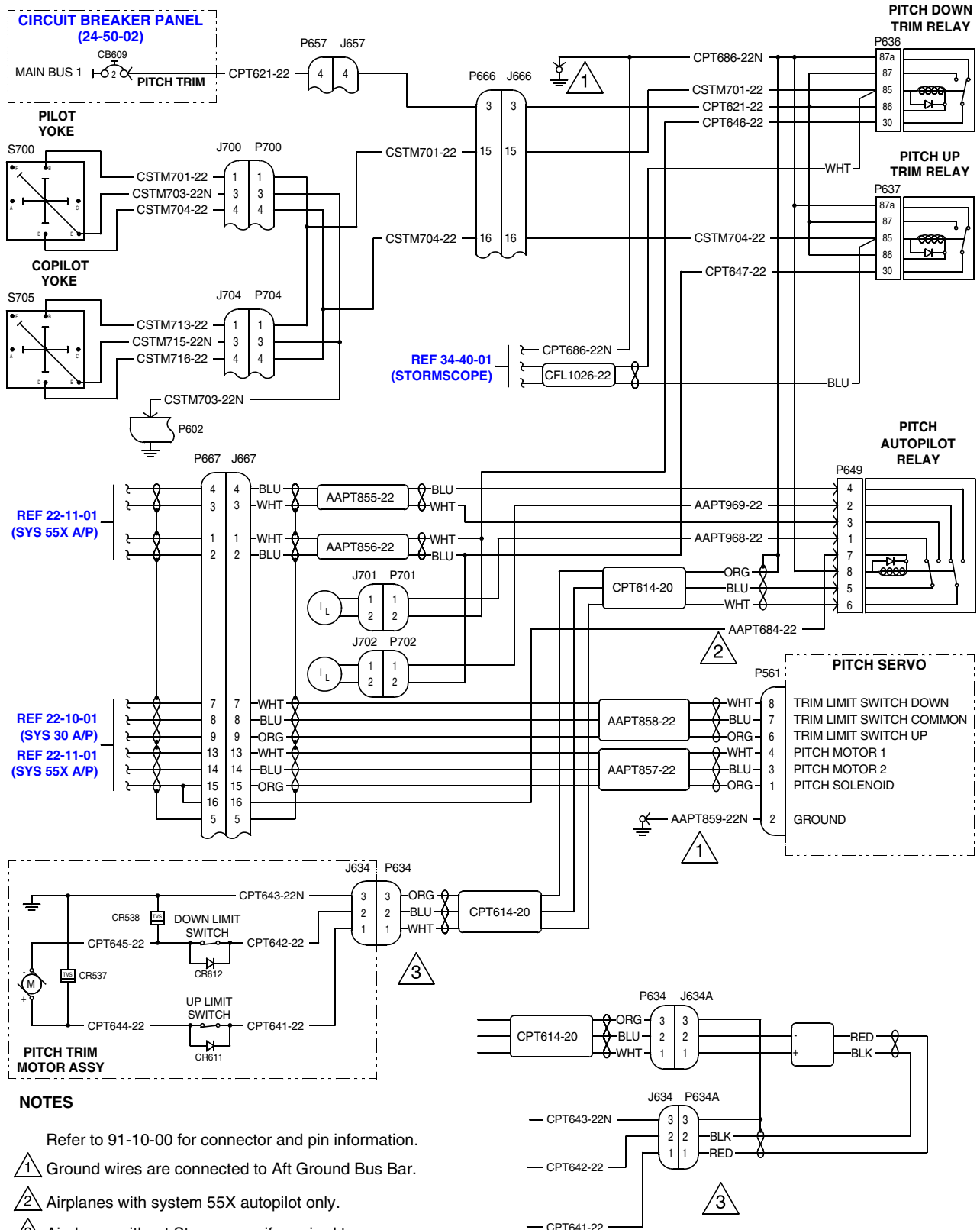
② Airplanes with system 55X autopilot only.

WM14305_6

Figure-01
Pitch Trim System - Serials 22-0306 thru 22-0497

EFFECTIVITY:
Serials 22-0306 thru 22-0497

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WM14305_7

Figure-01
Pitch Trim System - Serials 22-0498 thru 22-0820

EFFECTIVITY:
 Serials 22-0498 thru 22-0820

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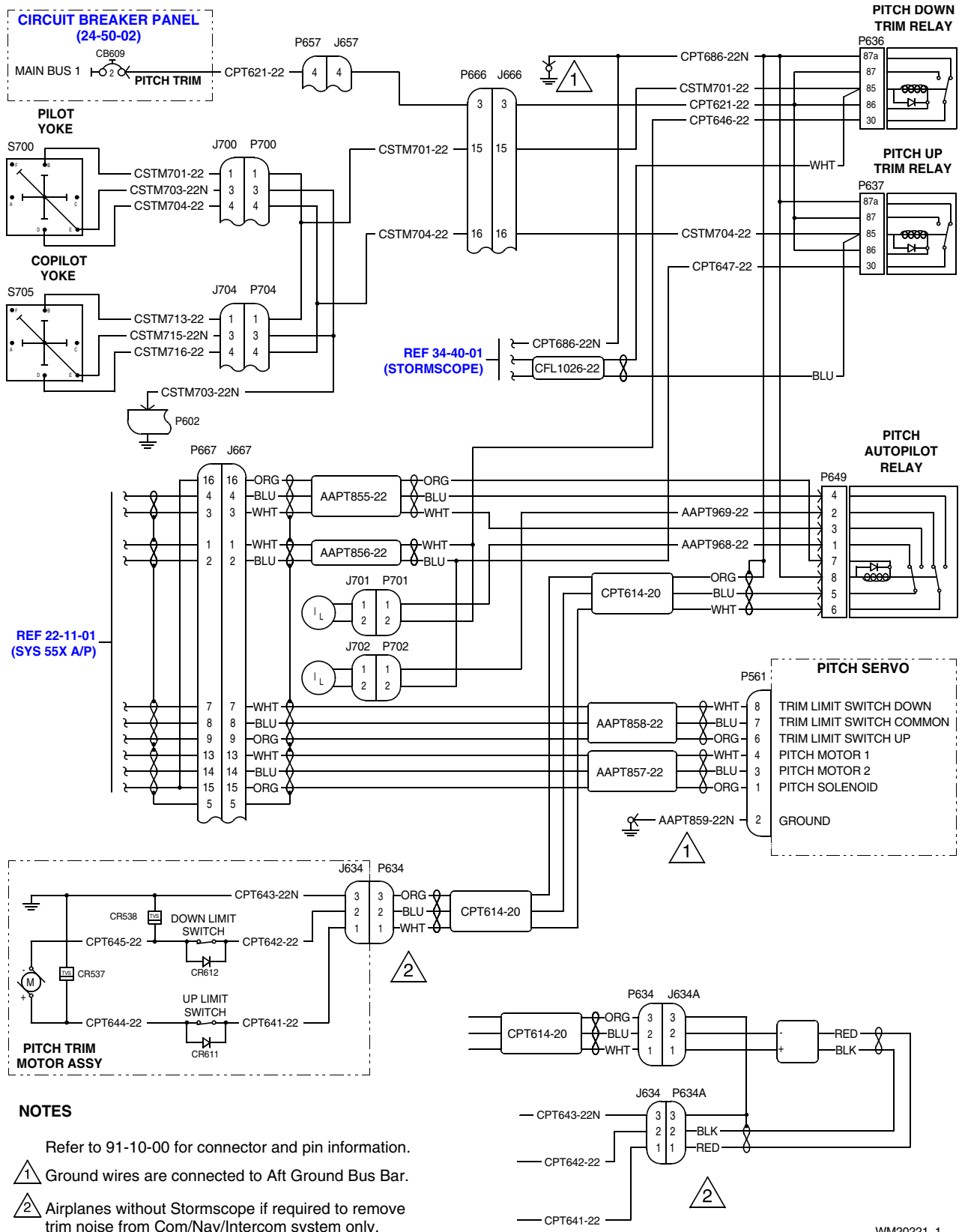
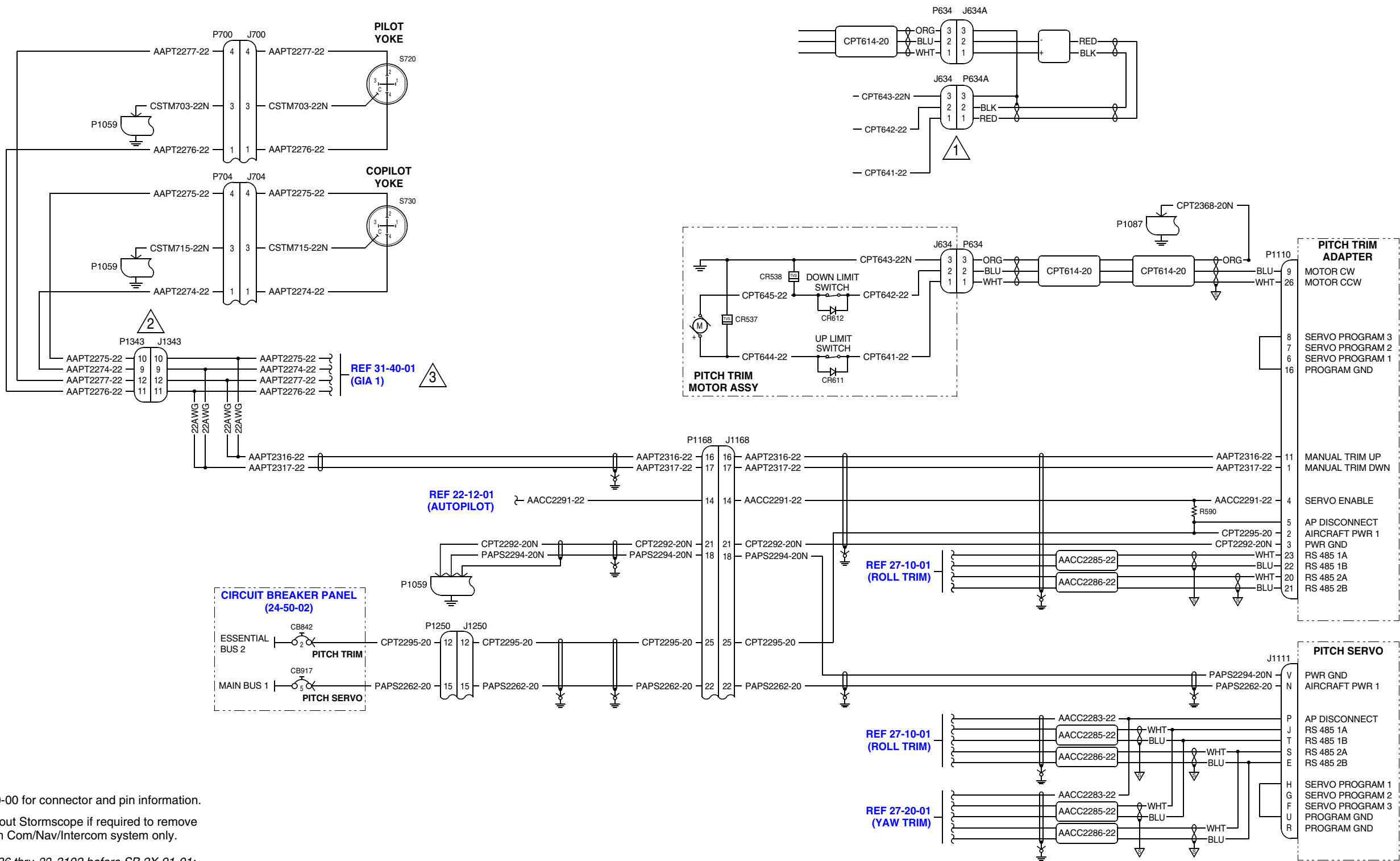


Figure-01
Pitch Trim System - Serials 22-0821 & subs w/o Perspective



- NOTES**
- Refer to 91-10-00 for connector and pin information.
- 1 Airplanes without Stormscope if required to remove trim noise from Com/Nav/Intercom system only.
- 2 Serials 22-3026 thru 22-3102 before SB 2X-91-01: Connector is labeled J1243, and P1243.
- 3 Serials 22-3026 thru 22-3827, 22T-0001 thru 22T-0267.

Figure-01
Pitch Trim System - Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

EFFECTIVITY:
Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

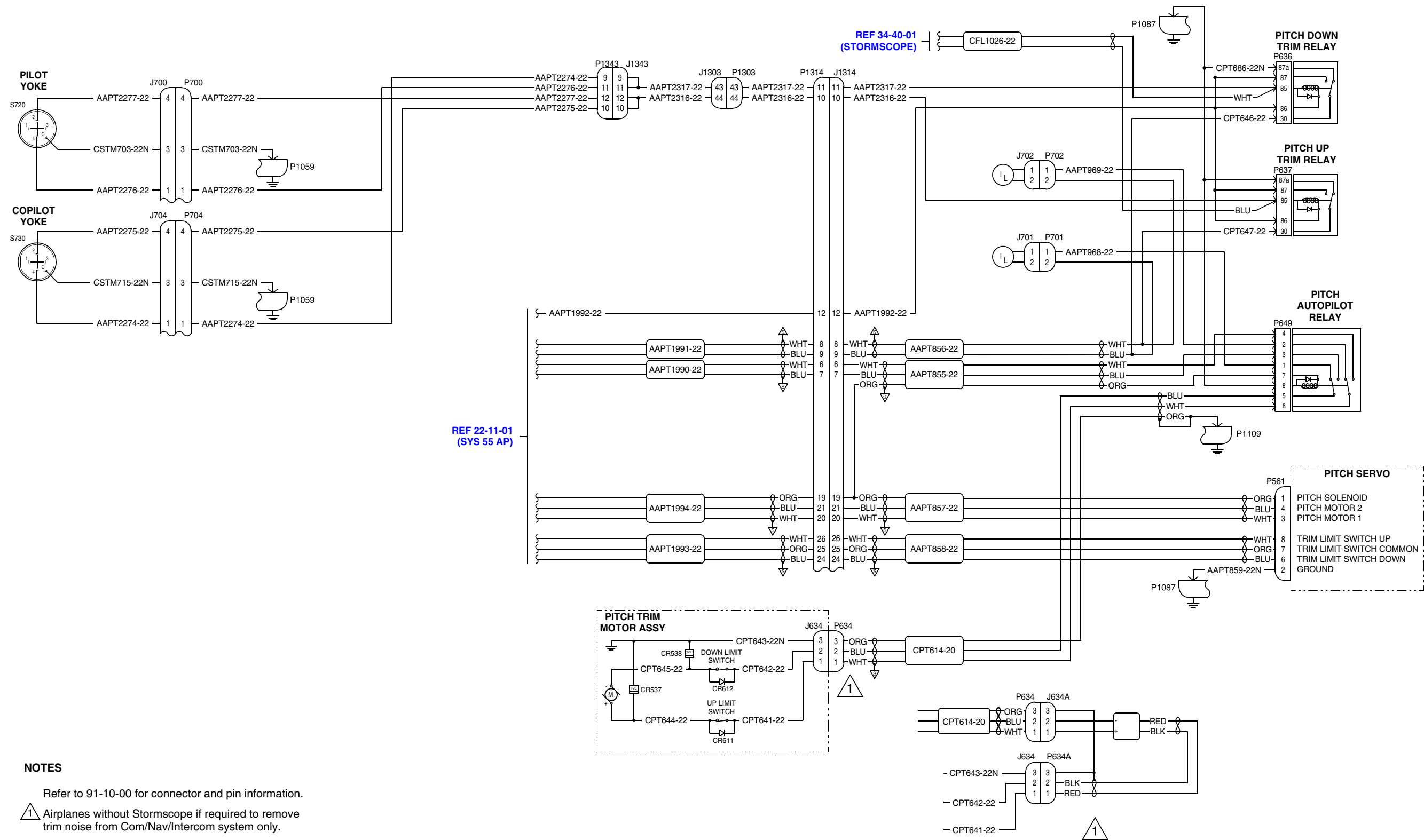
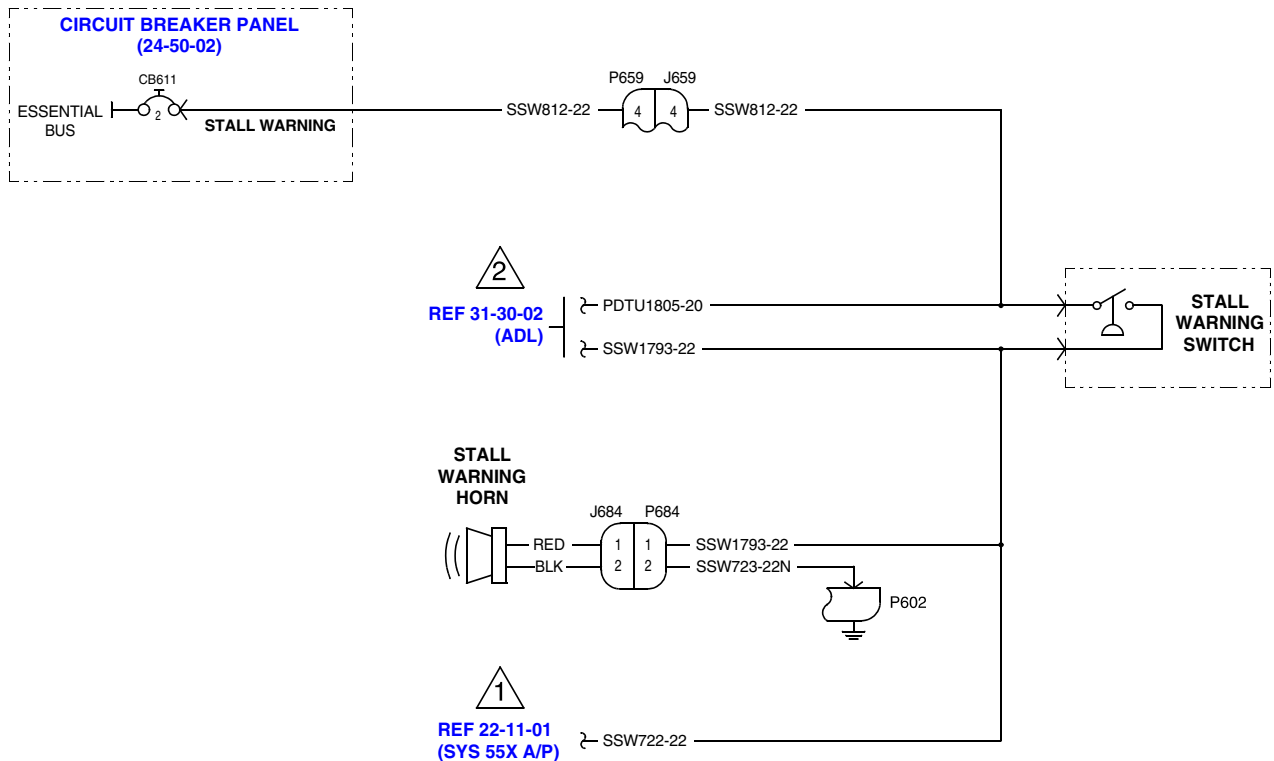


Figure-01
Pitch Trim System - Serials 22-3446 & subs, 22T-0001 & subs w/ Sys 55 AP

EFFECTIVITY:
Serials 22-3446 & subs, 22T-0001 & subs w/ Sys 55
AP



NOTES

Refer to 91-10-00 for connector and pin information.

1 Serials 22-2037, 22-2044 & subs.

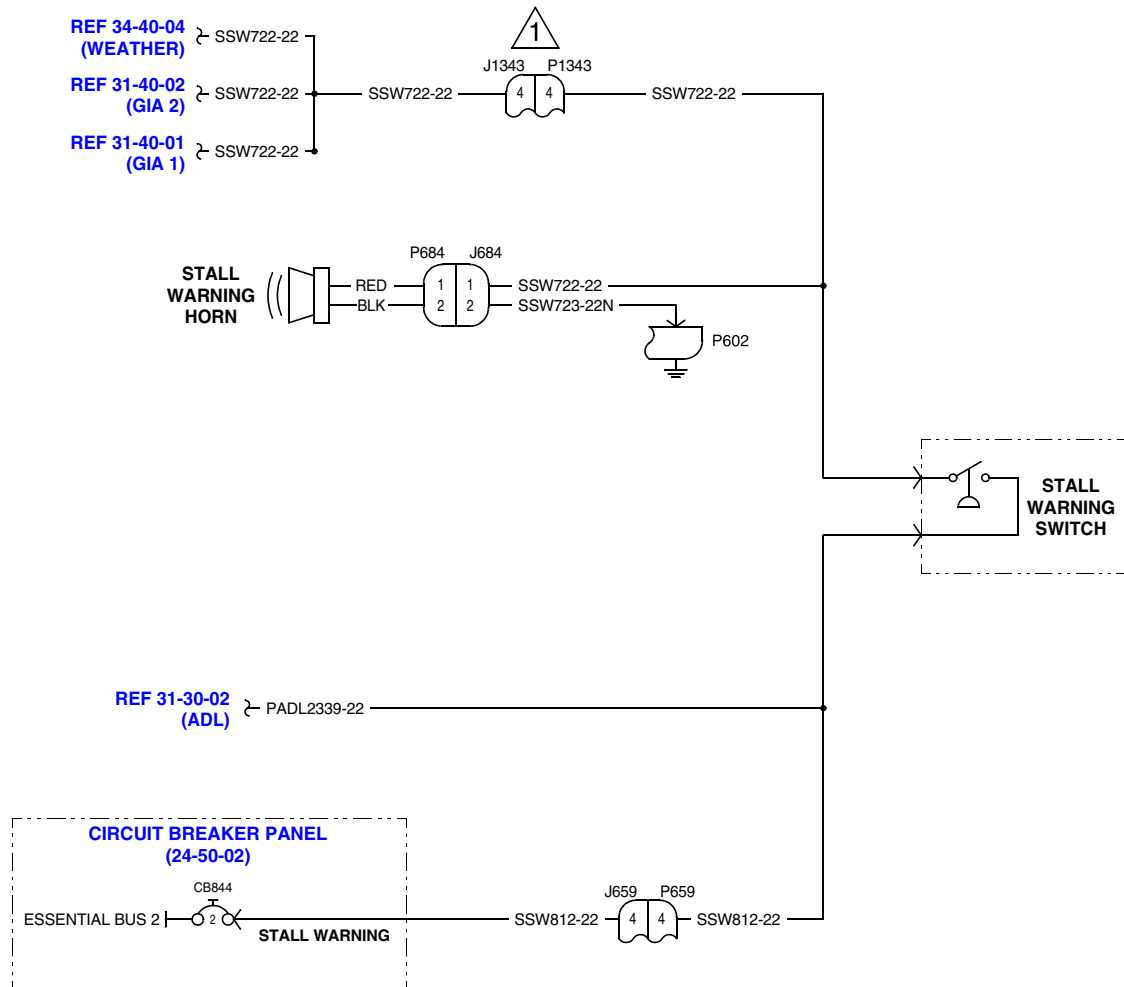
2 Serials 22-2334, 22-2420, 22-2438 & subs.

WM14321-1B

Figure-01
Stall Warning System - Serials 22-0002 & subs w/o Perspective

EFFECTIVITY:
Serials 22-0002 & subs w/o Perspective

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NOTES

Refer to 91-10-00 for connector and pin information.

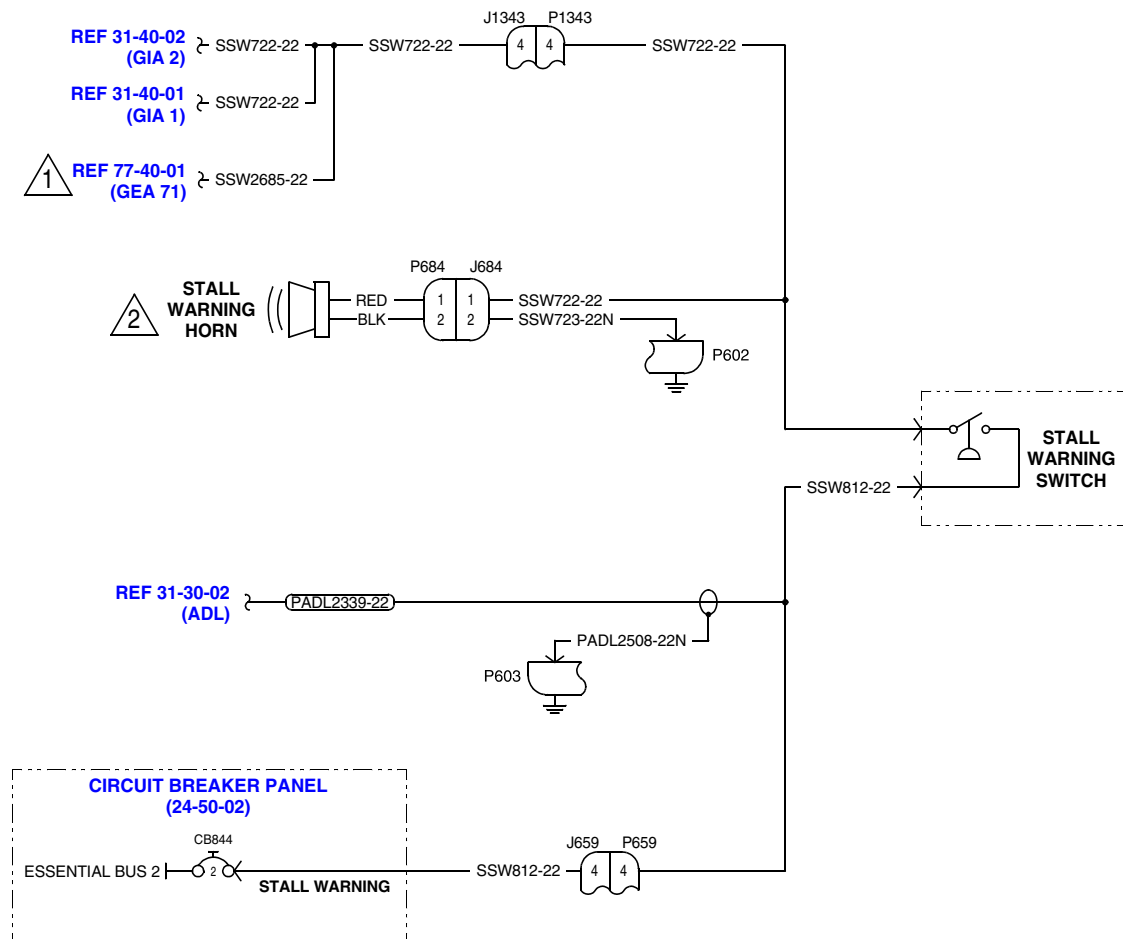
 *Serials 22-3026 thru 22-3102 before SB 2X-91-01:*
Connector is labeled J1243, and P1243.

WM24562_24A

Figure-01
Stall Warning System - Serials 22-3026 thru 22-3136 w/ Perspective

EFFECTIVITY:
Serials 22-3026 thru 22-3136 w/ Perspective

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NOTES

Refer to 91-10-00 for connector and pin information.

1. Serials after SB2X-22-08, 22-4031 & subs, 22T-0690 & subs.

2. Serials 22-3137 thru 22-3326.

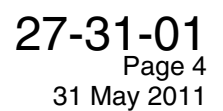
WM24562_33B

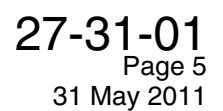
Figure-01

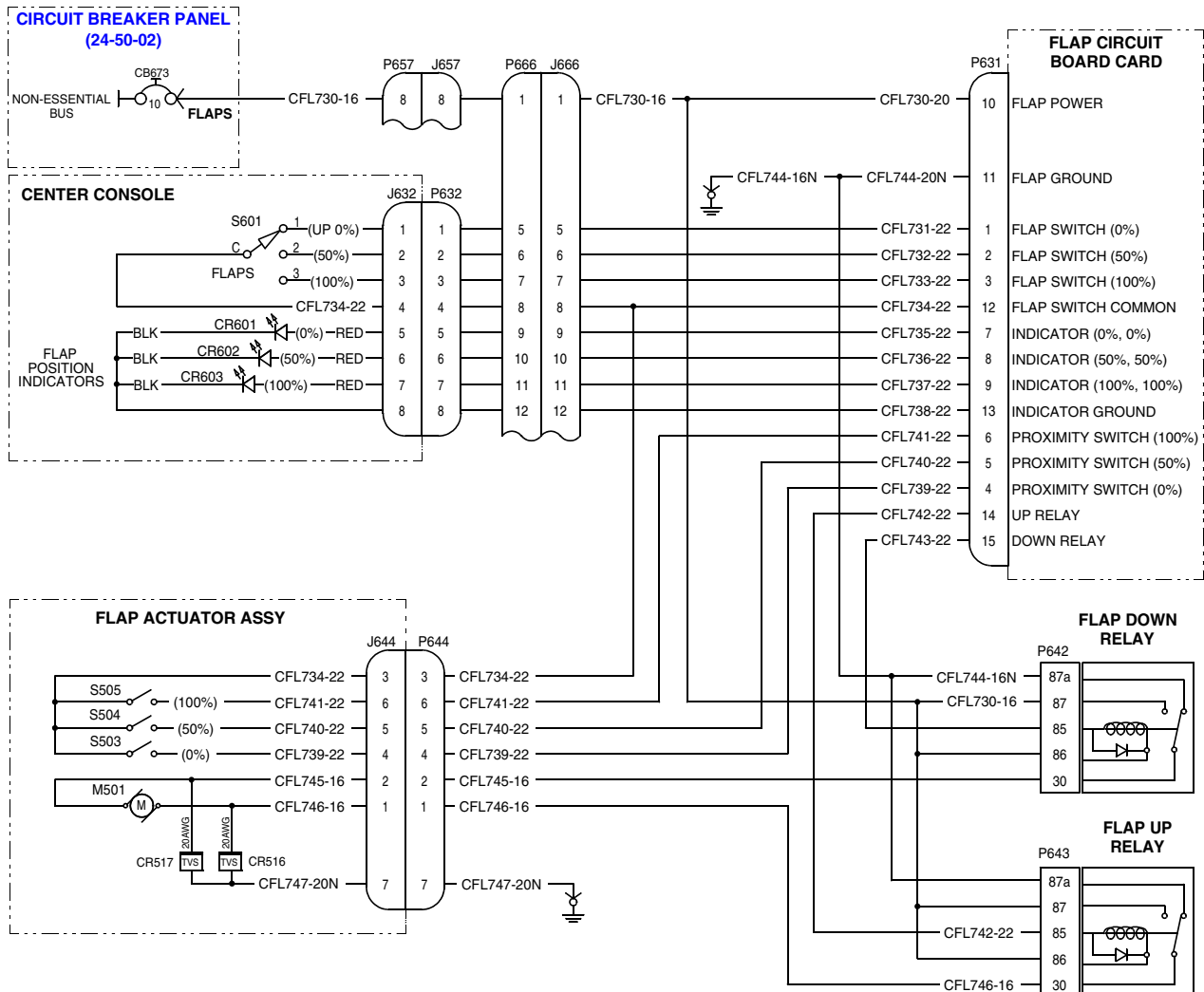
Stall Warning System - Serials 22-3137 & subs w/ Perspective, 22T-0001 & subs

EFFECTIVITY:
Serials 22-3137 & subs w/ Perspective, 22T-0001 & subs

27-31-01
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19 Sep 2017







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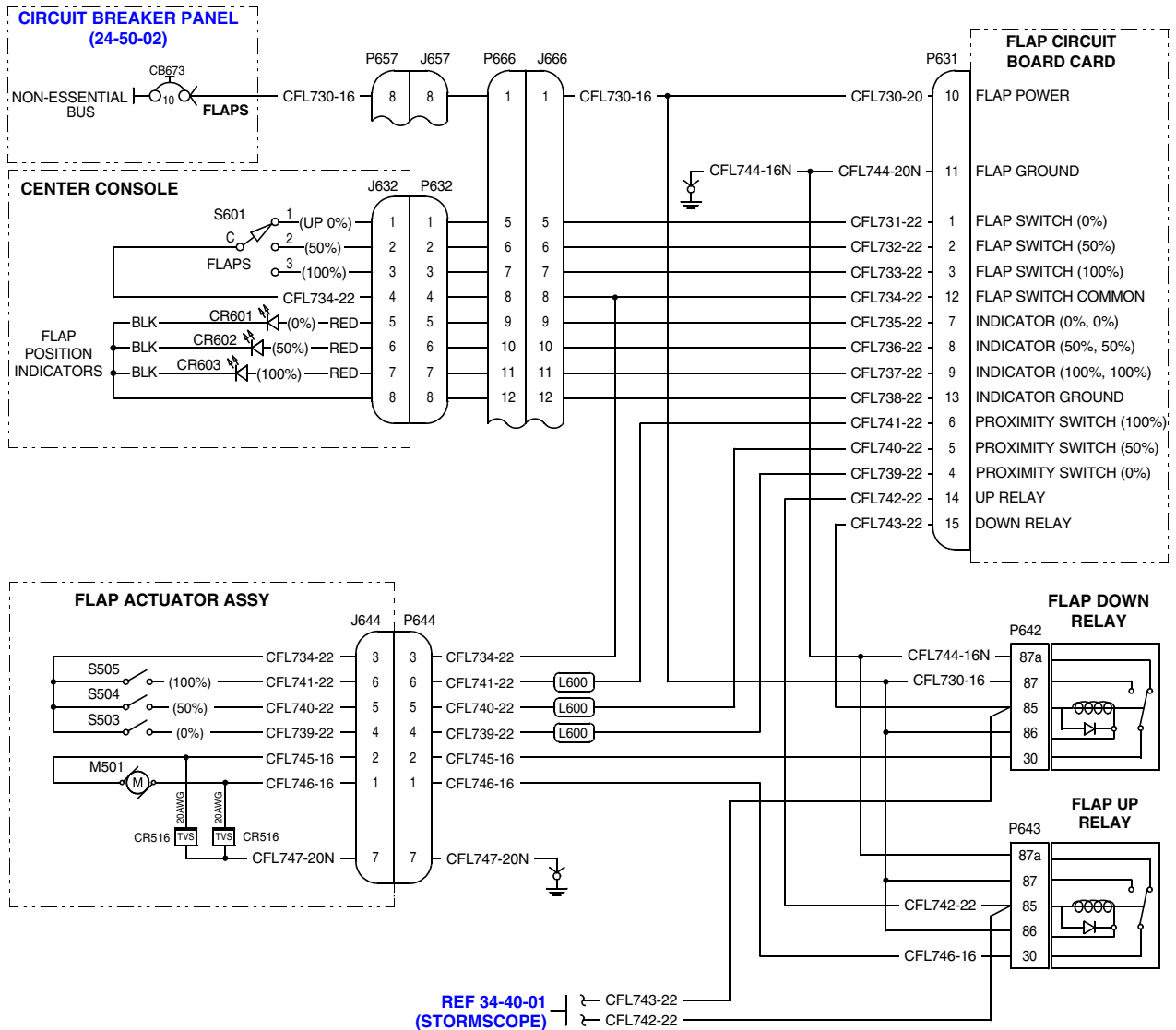
Refer to 91-10-00 for connector and pin information.

WM14309_1B

Figure-01
Flap Control System - Serials 22-0002 thru 22-0270

EFFECTIVITY:
Serials 22-0002 thru 22-0270

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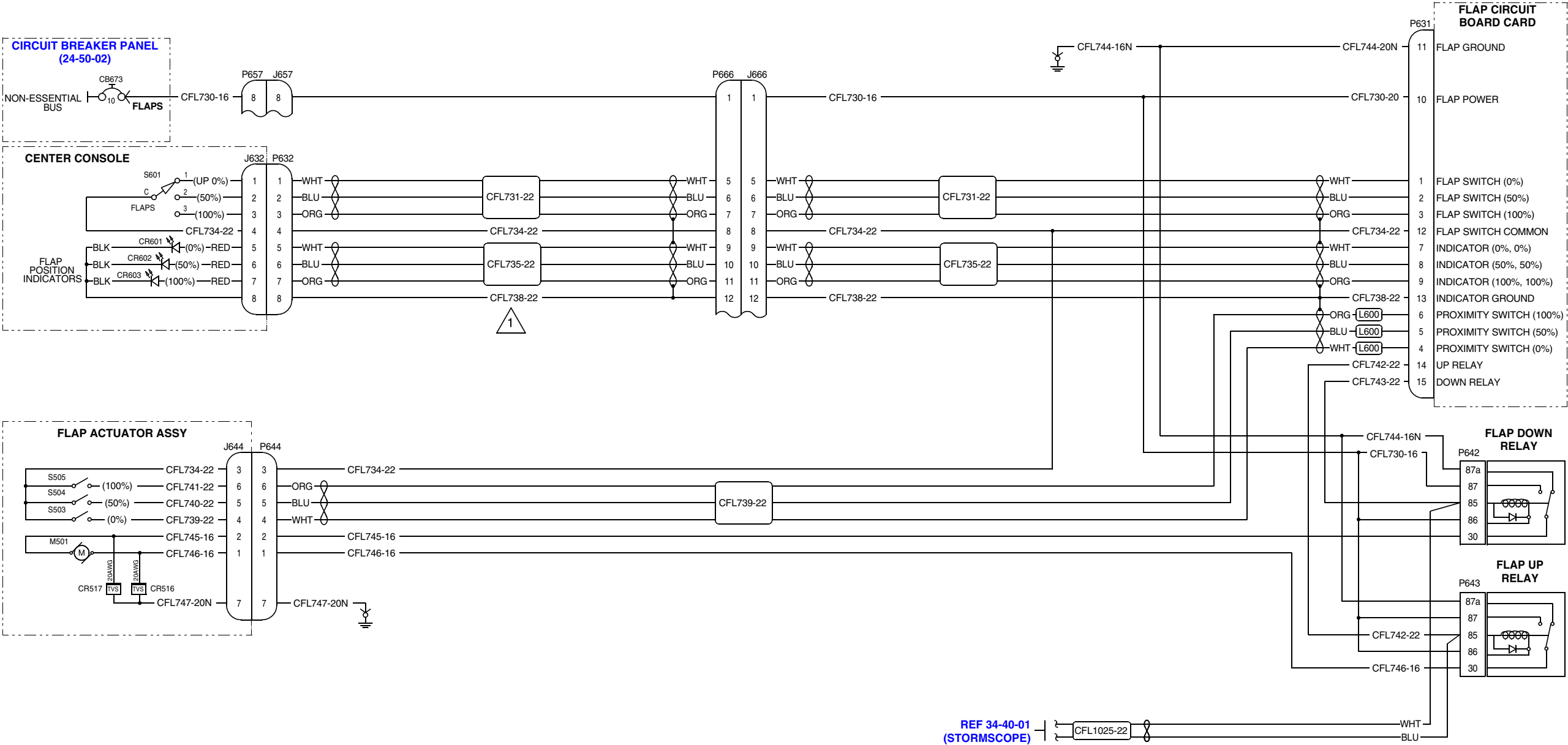
Refer to 91-10-00 for connector and pin information.

WM14309_2A

Figure-01
Flap Control System - Serials 22-0271 thru 22-0305

EFFECTIVITY:
Serials 22-0271 thru 22-0305

27-50-01
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NOTES

Refer to 91-10-00 for connector and pin information.

1 Serials 22-0334 thru 22-1643, 22-1645 thru 22-1662 only.

Figure-01

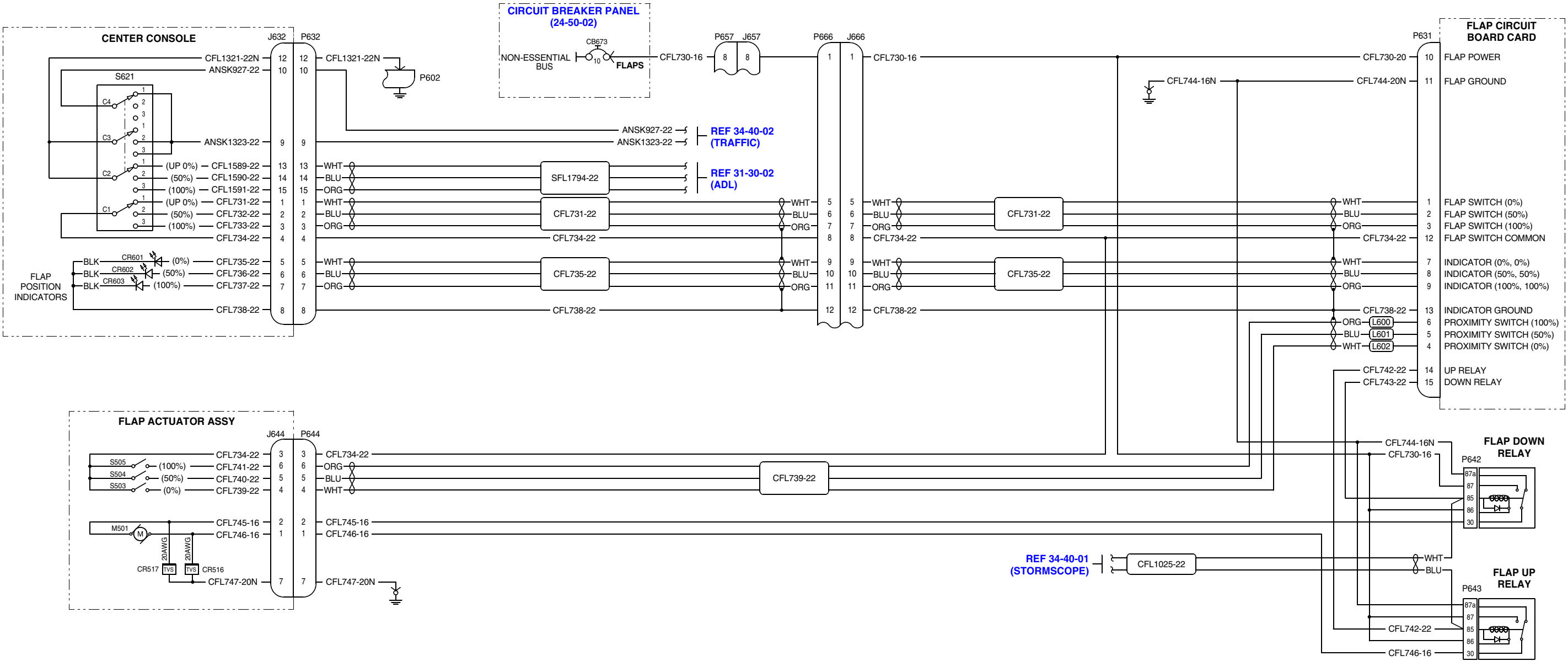
Flap Control System - Serials 22-0306 thru 22-1601, 22-1603 thru 22-1643, 22-1645 thru 22-1662

EFFECTIVITY:

Serials 22-0306 thru 22-1601, 22-1603 thru 22-1643, 22-1645 thru 22-1662



VM14309_4

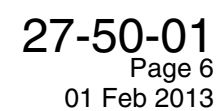


NOTES

Refer to 91-10-00 for connector and pin information.

Figure-01
Flap Control System - Serials 22-2438 & subs w/o Perspective

EFFECTIVITY:
Serials 22-2438 & subs w/o Perspective



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FUEL

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CHAPTER 28 - FUEL

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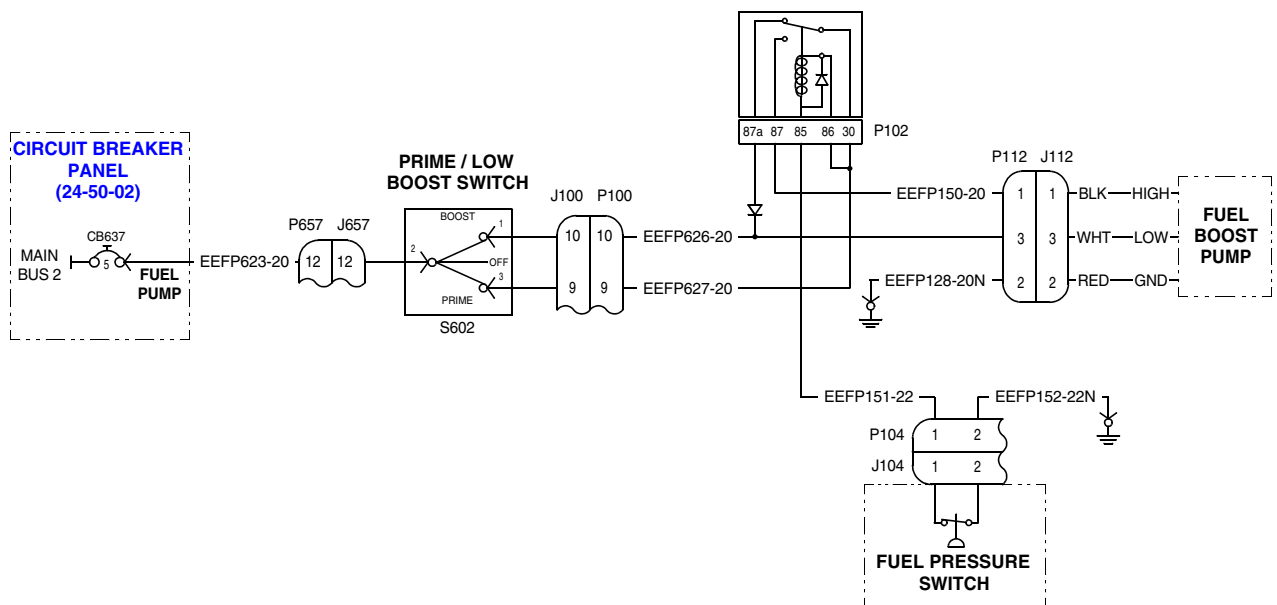
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CHAPTER 28 - FUEL

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Fuel Indicating System - Serials 22-3026 thru 22-3848 w/ Perspective, 22T-0001 thru 22T-0318	28-40-01
Fuel Indicating System - Serials 22-3849 thru 22-4214, 22T-0319 thru 22T-1058	28-40-01
Fuel Indicating System - Serials 22-4215 & subs, 22T-1059 & subs	28-40-01

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NOTES

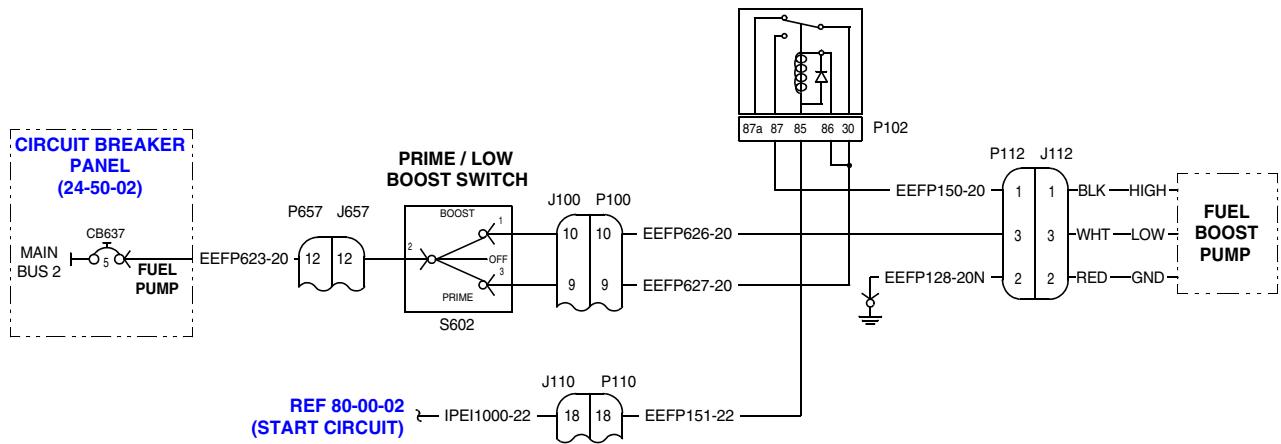
Refer to 91-10-00 for connector and pin information.

WM14303_1A

Figure-01
Fuel Distribution - Serials 22-0002 thru 22-0277

EFFECTIVITY:
Serials 22-0002 thru 22-0277

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NOTES

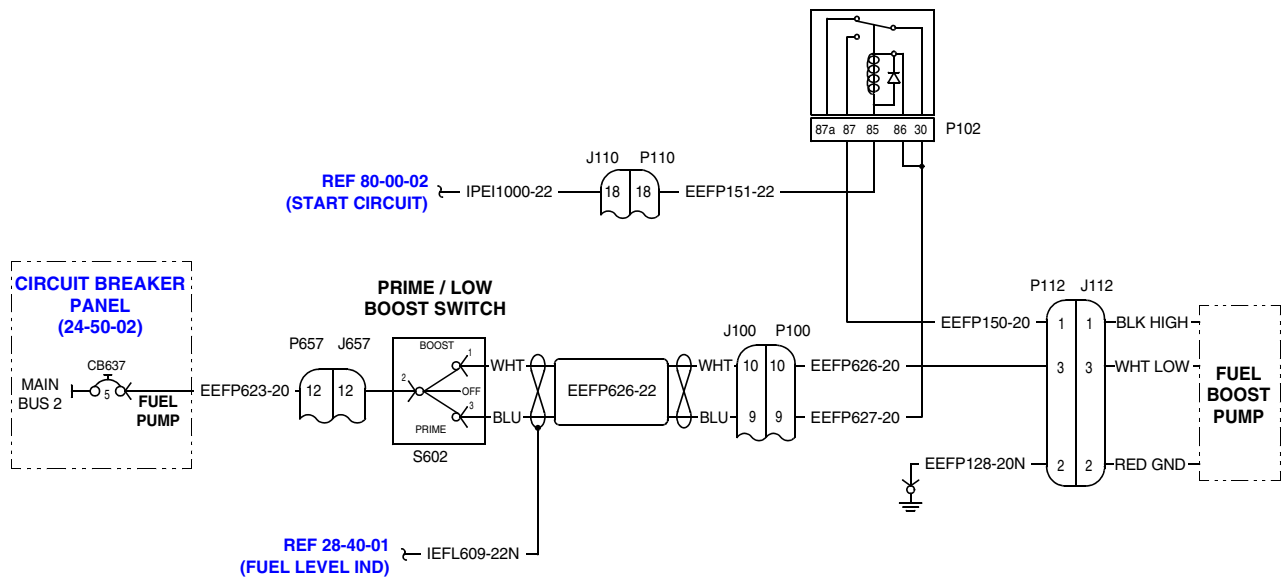
Refer to 91-10-00 for connector and pin information.

WM14303_3A

Figure-01
Fuel Distribution - Serials 22-0278 thru 22-0333

EFFECTIVITY:
Serials 22-0278 thru 22-0333

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NOTES

Refer to 91-10-00 for connector and pin information.

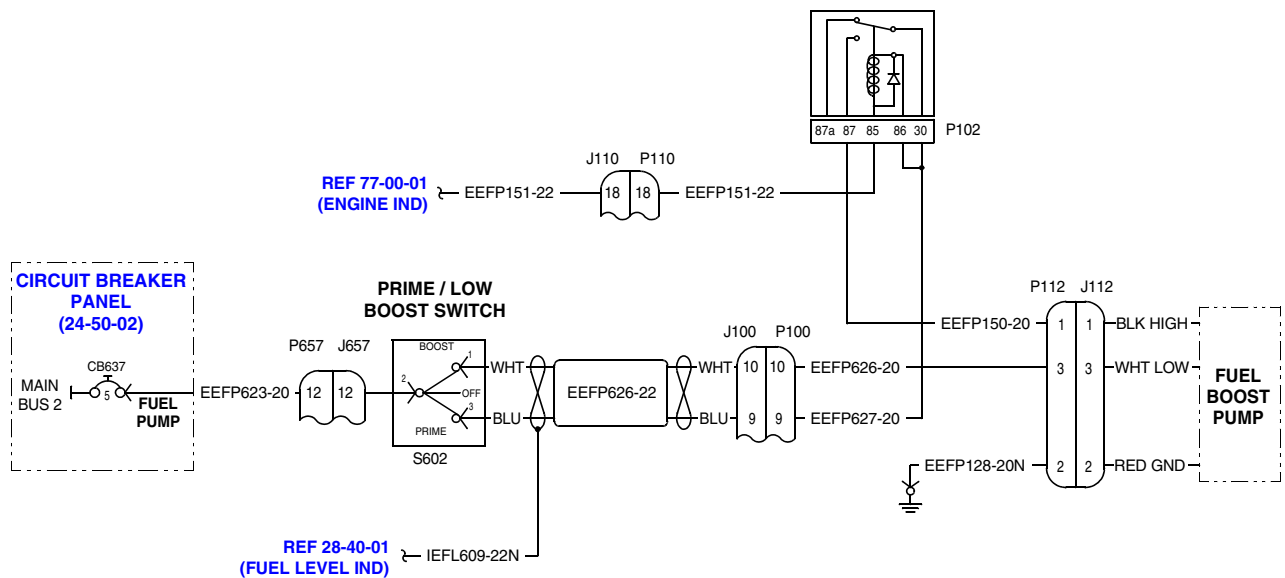
WM14303_4A

Figure-01

Fuel Distribution - Serials 22-0334 thru 22-1601, 22-1603 thru 22-1643, 22-1645 thru 22-1662

EFFECTIVITY:

Serials 22-0334 thru 22-1601, 22-1603 thru 22-1643, 22-1645 thru 22-1662



NOTES

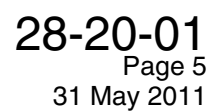
Refer to 91-10-00 for connector and pin information.

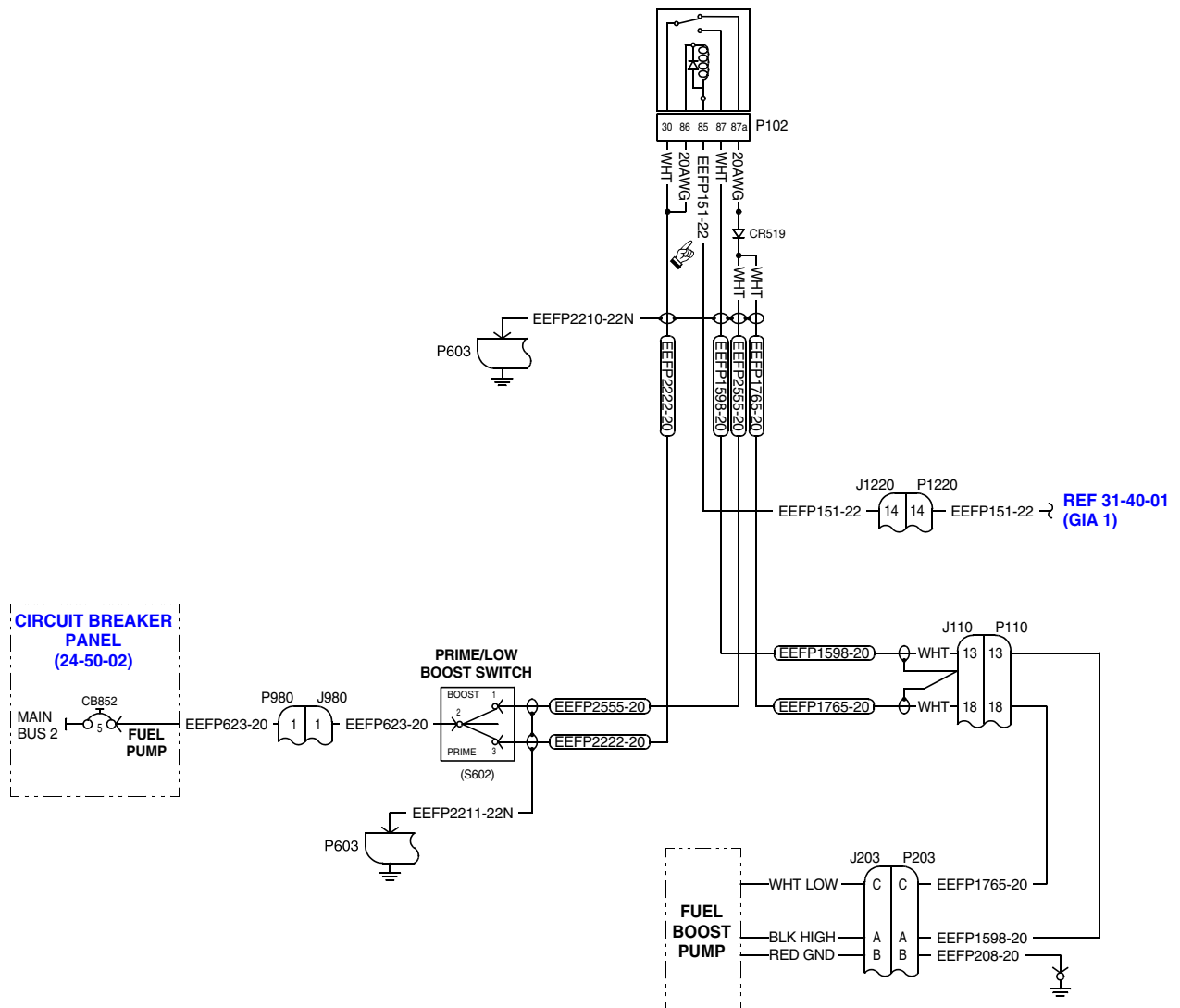
WM14303_5

Figure-01
Fuel Distribution - Serials 22-1602, 22-1644, 22-1663 & subs w/o Perspective

EFFECTIVITY:
Serials 22-1602, 22-1644, 22-1663 & subs w/o Perspective

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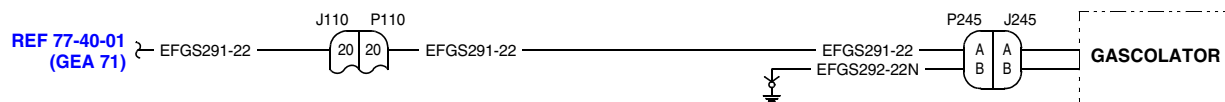
Refer to 91-10-00 for connector and pin information.

WM25014-01A

Figure-01
Fuel Distribution - Serials 22T-0001 & subs

EFFECTIVITY:
Serials 22T-0001 & subs

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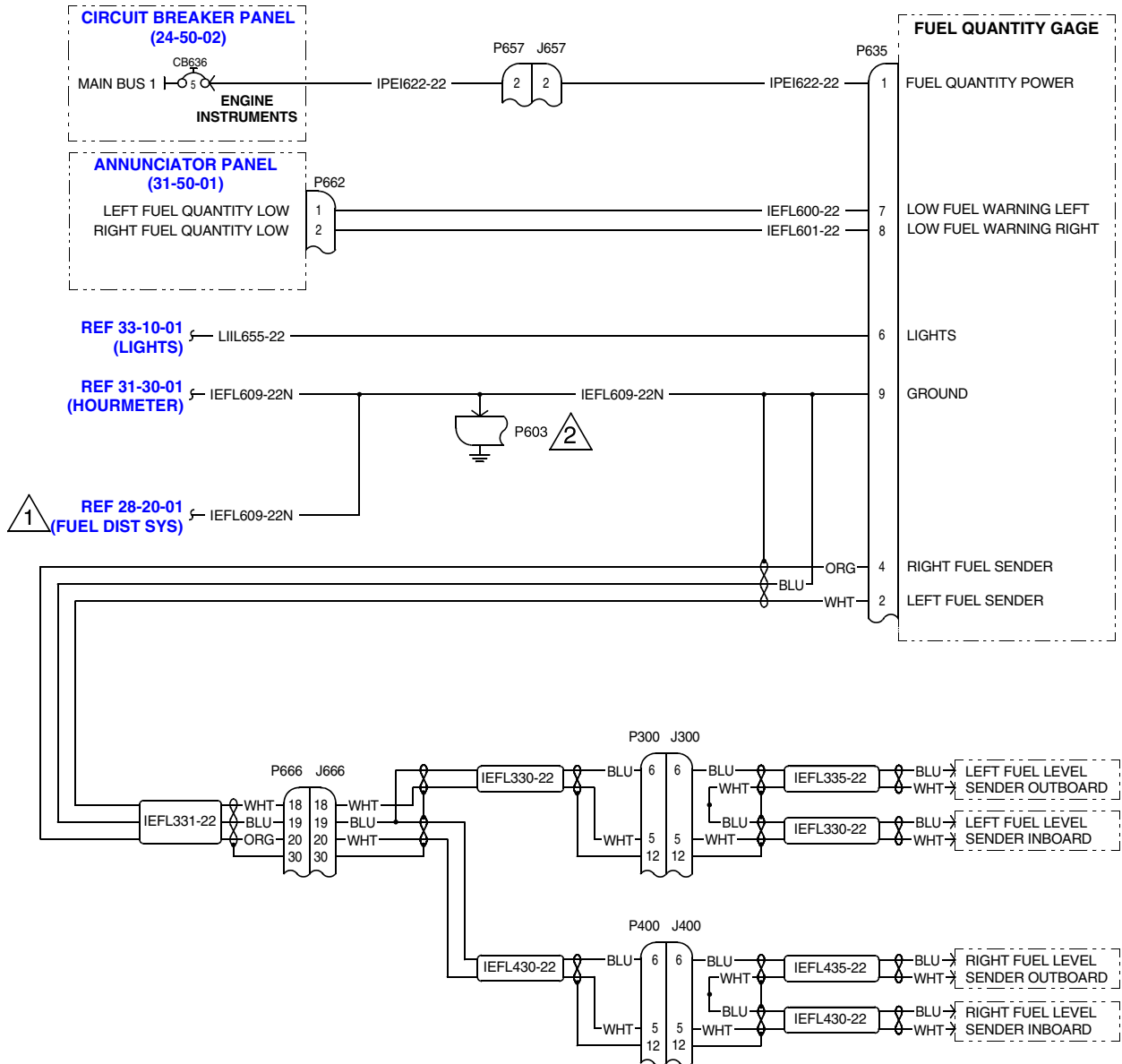
Refer to 91-10-00 for connector and pin information.

WM24547_04

Figure-02
Gascolator - Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

EFFECTIVITY:
Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

28-20-02
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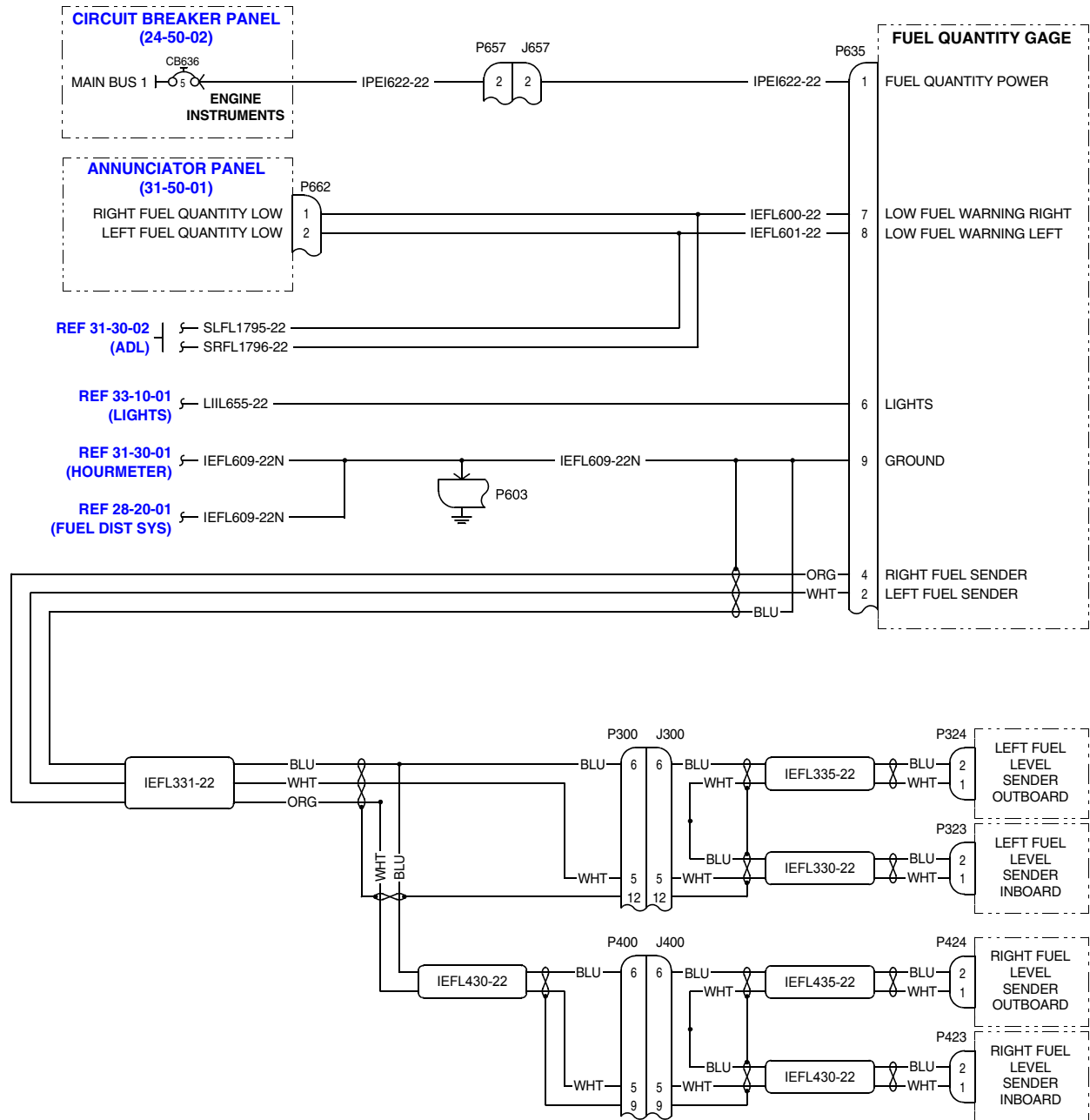


WM14303_2C

Figure-01
Fuel Indicating System - Serials 22-0002 thru 22-2437

EFFECTIVITY:
Serials 22-0002 thru 22-2437

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WM18527_4

Figure-01
Fuel Indicating System - Serials 22-2438 & subs w/o Perspective

EFFECTIVITY:
Serials 22-2438 & subs w/o Perspective

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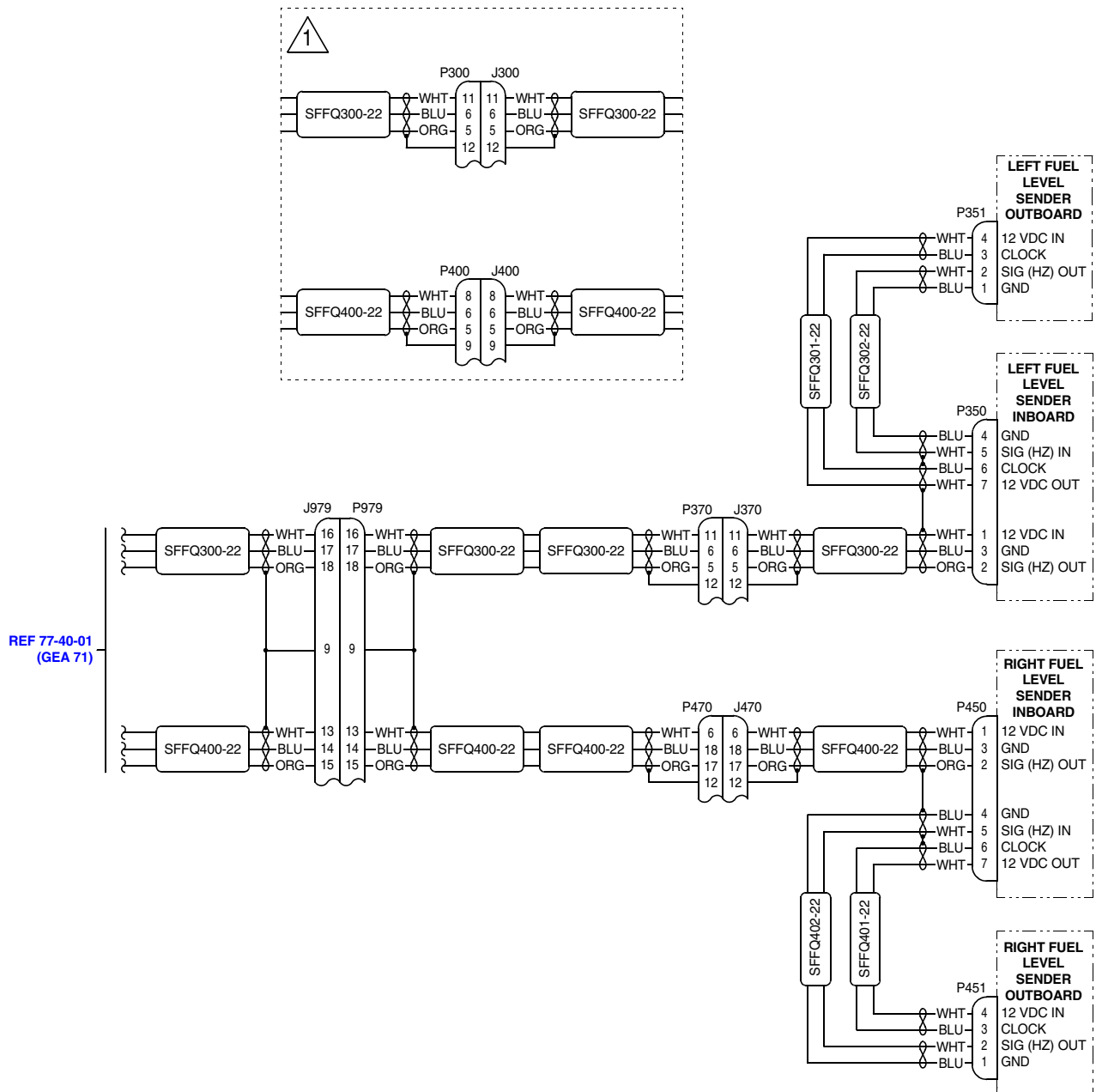
1 *Serials 22-3026 thru 22-3638; Wire is labeled IEFL2244-22N.*

WM24562_02A

Fuel Indicating System - Serials 22-3026 thru 22-3848 w/ Perspective, 22T-0001 thru 22T-0318

EFFECTIVITY:
Serials 22-3026 thru 22-3848 w/ Perspective, 22T-0001
thru 22T-0318

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NOTES

Refer to 91-10-00 for connector and pin information.

1 Serials 22-3849 thru 22-4045, 22T-0319 thru 22T-0689.

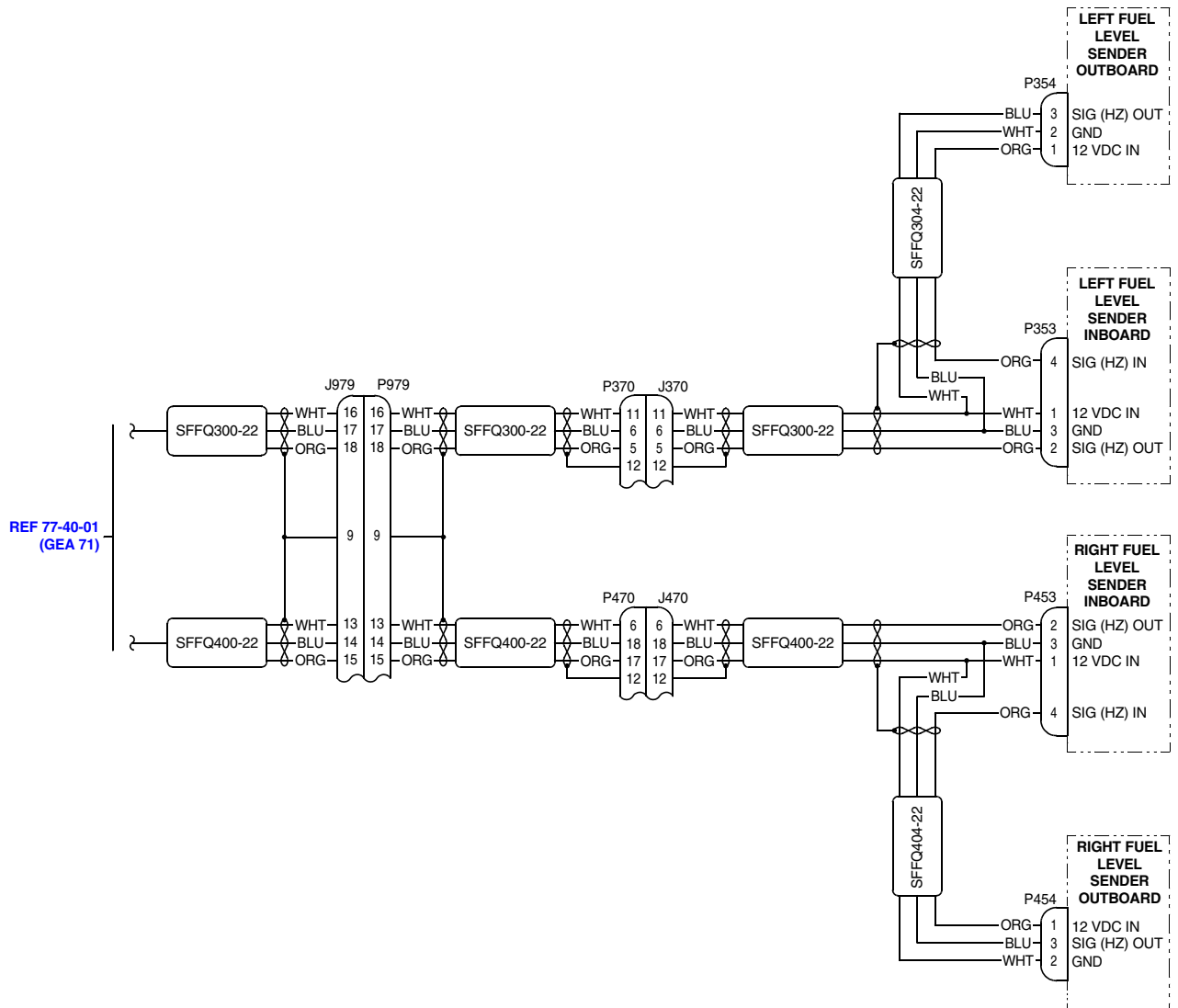
WM26331_02A

Figure-01

Fuel Indicating System - Serials 22-3849 thru 22-4214, 22T-0319 thru 22T-1058

EFFECTIVITY:
Serials 22-3849 thru 22-4214, 22T-0319 thru 22T-1058

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NOTES

Refer to 91-10-00 for connector and pin information.

WM26331_06

Figure-01
Fuel Indicating System - Serials 22-4215 & subs, 22T-1059 & subs

EFFECTIVITY:
Serials 22-4215 & subs, 22T-1059 & subs

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CHAPTER

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ICE PROTECTION

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30-07	2	19 SEP 2017

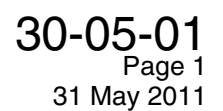
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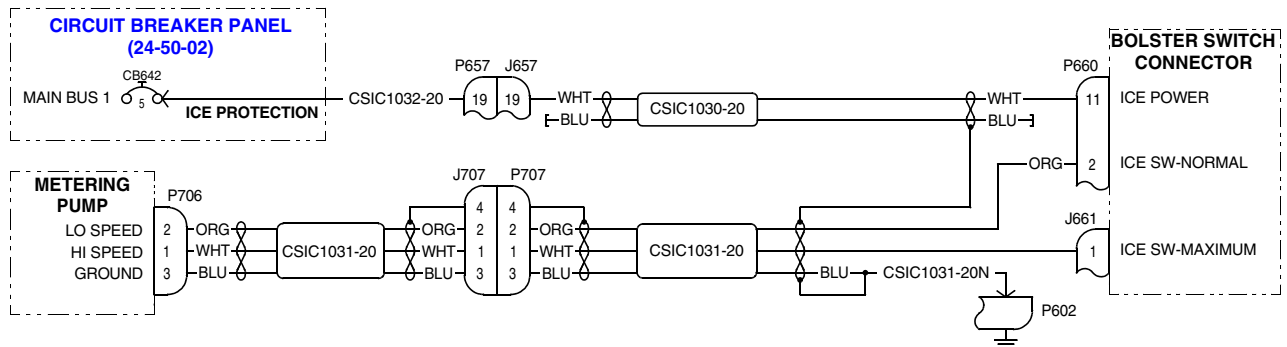
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Basic2 Ice Protect System - Serials 22-3849 & subs w/ Perspective, 22T-0319 & subs	30-06-01
FIKI Ice Protect System - Serials 22-3403 thru 22-3848, 22T-0001 thru 22T-0318	30-07-01
FIKI Ice Protect System - Serials 22-3849 & subs, 22T-0319 & subs	30-07-01

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NOTES

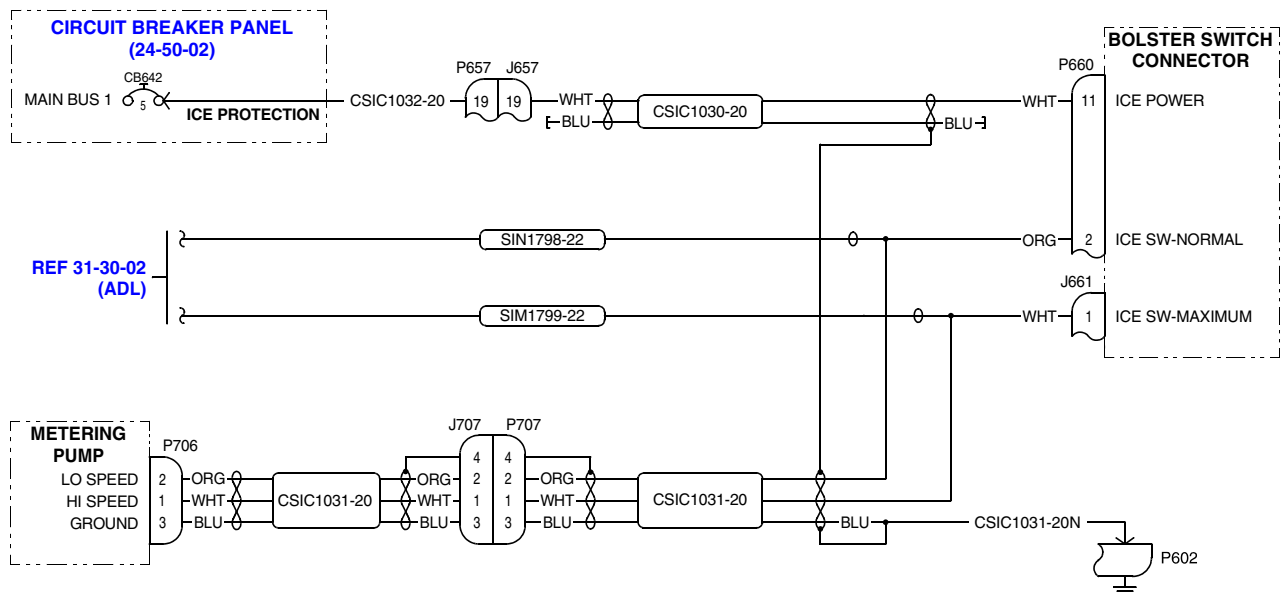
Refer to 91-10-00 for connector and pin information.

WM15495_1

Figure-01
Basic Ice Protect System - Serials 22-0435 thru 22-2437

EFFECTIVITY:
Serials 22-0435 thru 22-2437

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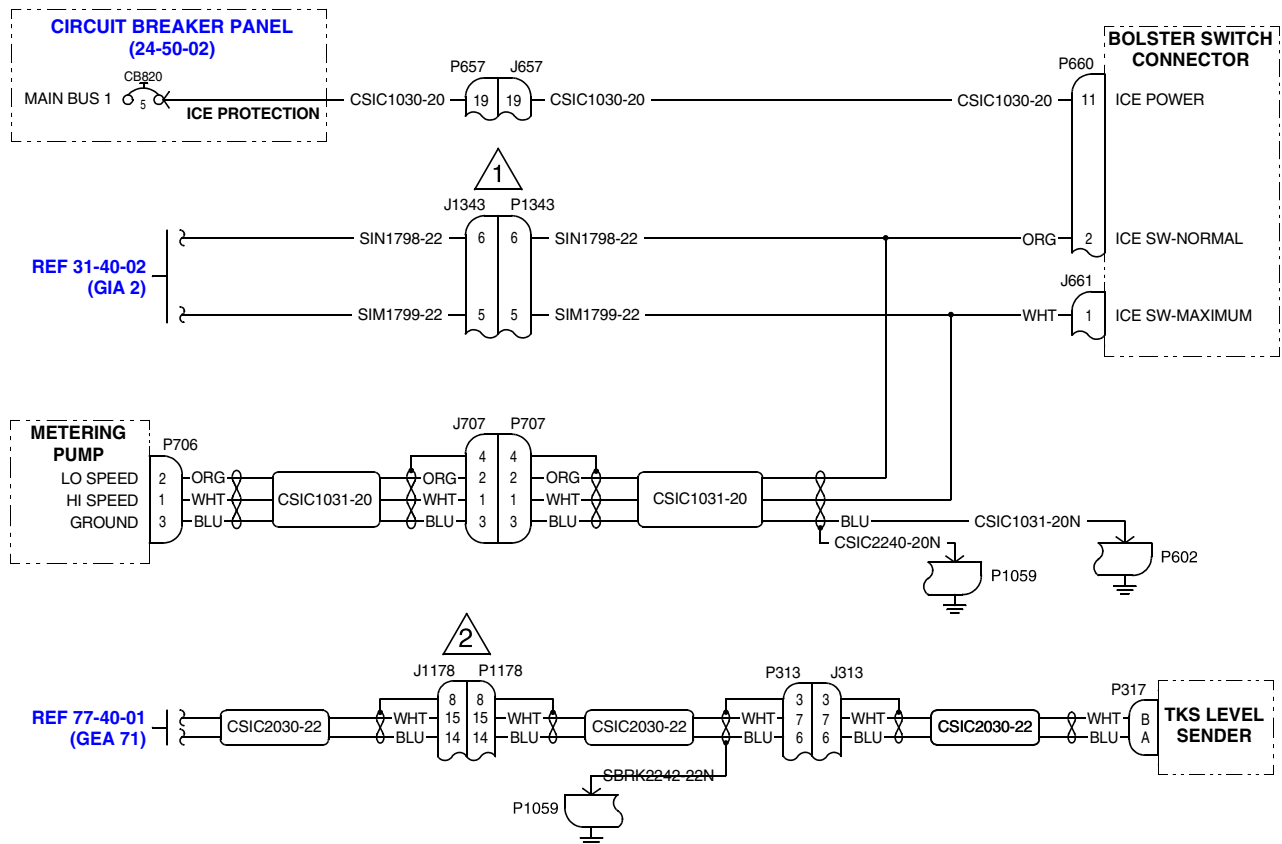
Refer to 91-10-00 for connector and pin information.

WM18527-1

Figure-01
Basic2 Ice Protect System - Serials 22-2438 & subs w/o Perspective

EFFECTIVITY:
Serials 22-2438 & subs w/o Perspective

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NOTES

Refer to 91-10-00 for connector and pin information.

1 Serials 22-3026 thru 22-3102 before SB 2X-91-01:
Connector is labeled J1243, and P1243.

2 Serials 22-3026 thru 22-3102 before SB 2X-91-01:
Connector is labeled J978, and P978.

WM24562_27A

Figure-01

Basic2 Ice Protect System - Serials 22-3026 thru 22-3402 w/ Perspective

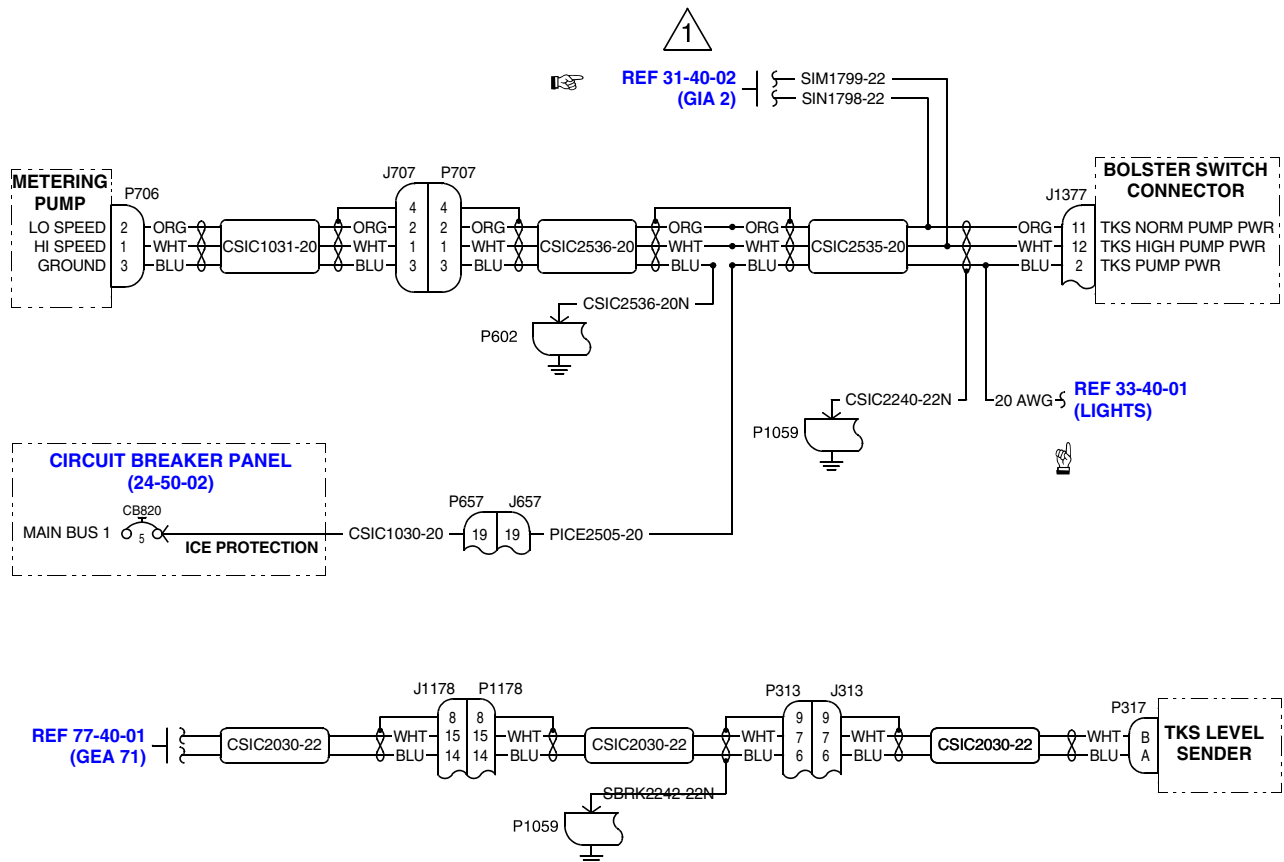
EFFECTIVITY:

Serials 22-3026 thru 22-3402 w/ Perspective

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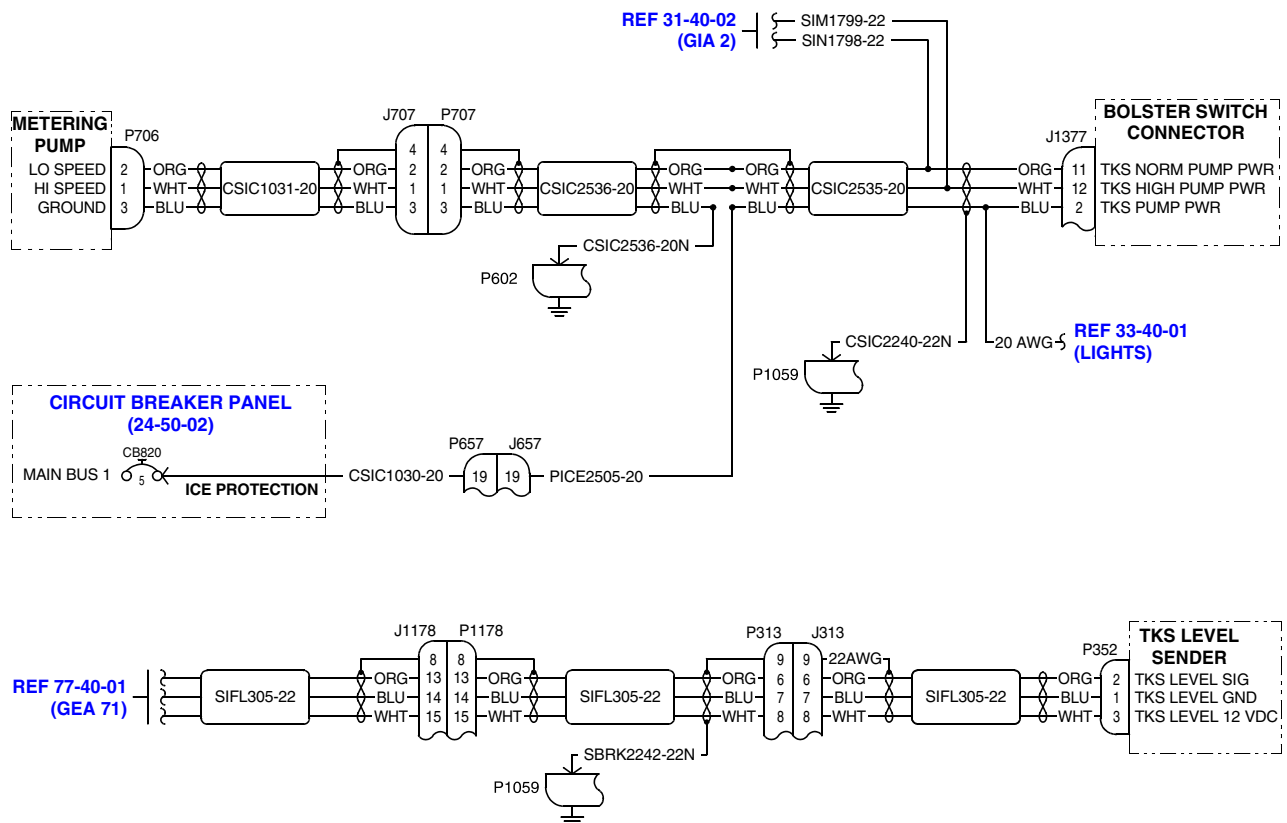
WM24562_32A

Figure-01

Basic2 Ice Protect System - Serials 22-3403 thru 22-3848 w/ Perspective, 22T-0001 thru 22T-0318

EFFECTIVITY:
Serials 22-3403 thru 22-3848 w/ Perspective, 22T-0001 thru 22T-0318

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NOTE

Refer to 91-10-00 for connector and pin information.

WM26333_05A

Figure-01

Basic2 Ice Protect System - Serials 22-3849 & subs w/ Perspective, 22T-0319 & subs

EFFECTIVITY:
Serials 22-3849 & subs w/ Perspective, 22T-0319 & subs

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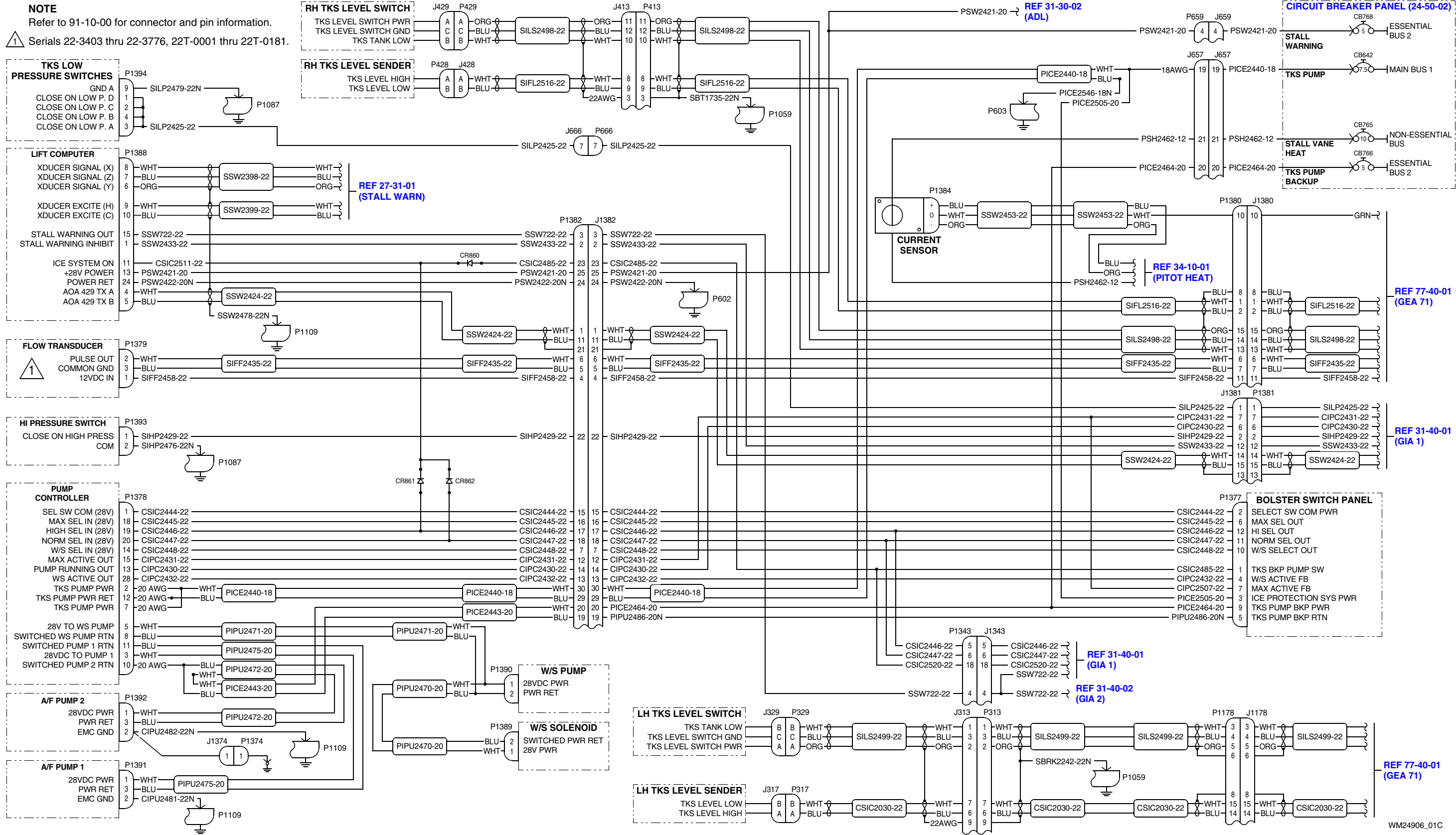
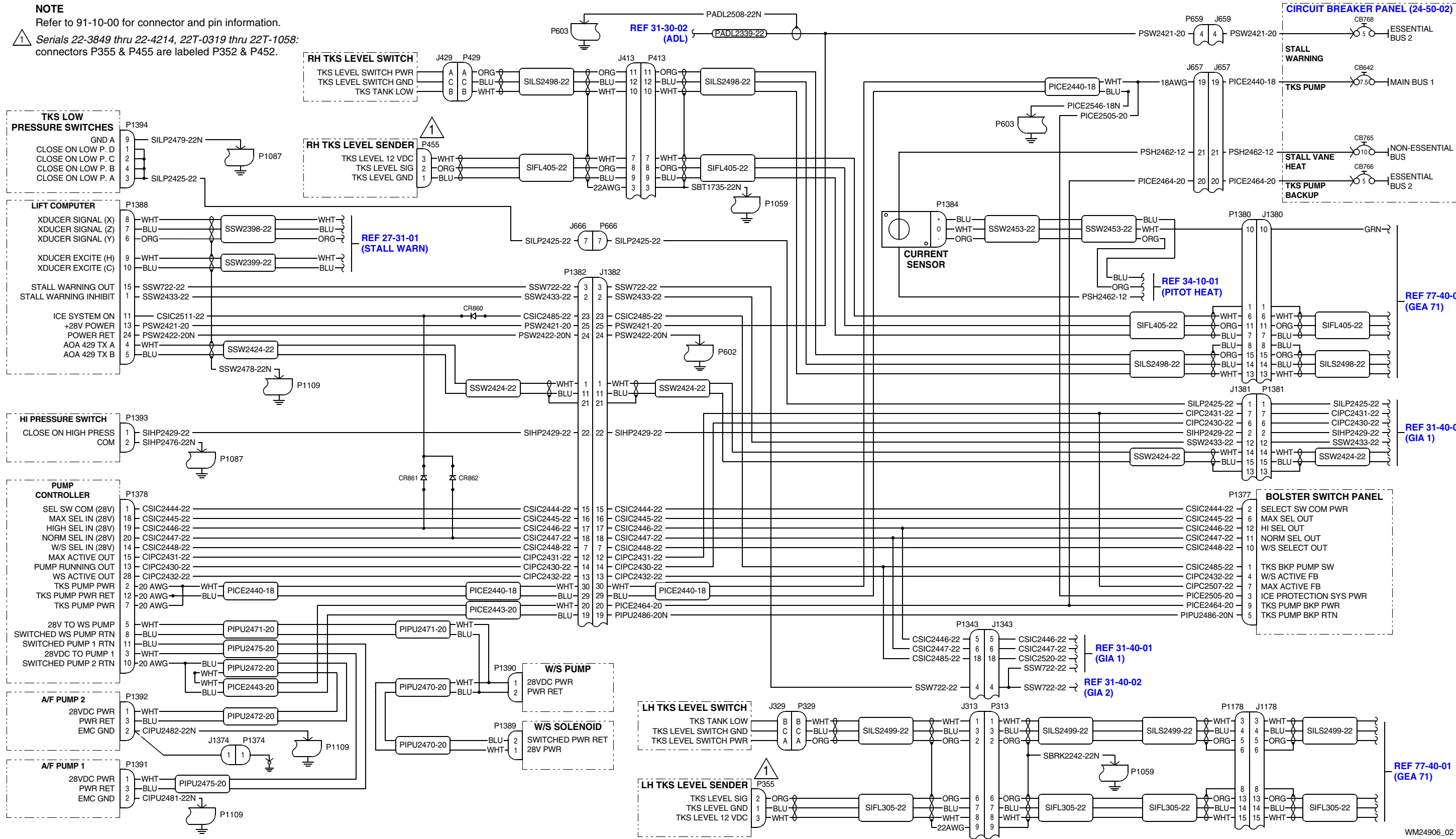


Figure-01

FIKI Ice Protect System - Serials 22-3403 thru 22-3848, 22T-0001 thru 22T-0318

EFFECTIVITY:
Serials 22-3403 thru 22-3848, 22T-0001 thru 22T-0318

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WM24906_02

Figure-01

FIKI Ice Protect System - Serials 22-3849 & subs, 22T-0319 & subs

EFFECTIVITY:
Serials 22-3849 & subs, 22T-0319 & subs

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CHAPTER

31

**INDICATING AND
RECORDING**

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CHAPTER 31 - INDICATING/RECORDING SYSTEMS

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All

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31-60	7	31 MAY 2011
31-60	8	01 MAY 2012
31-60	9	19 SEP 2017
31-60	1	31 MAY 2011

CHAPTER 31 - INDICATING/RECORDING SYSTEMS

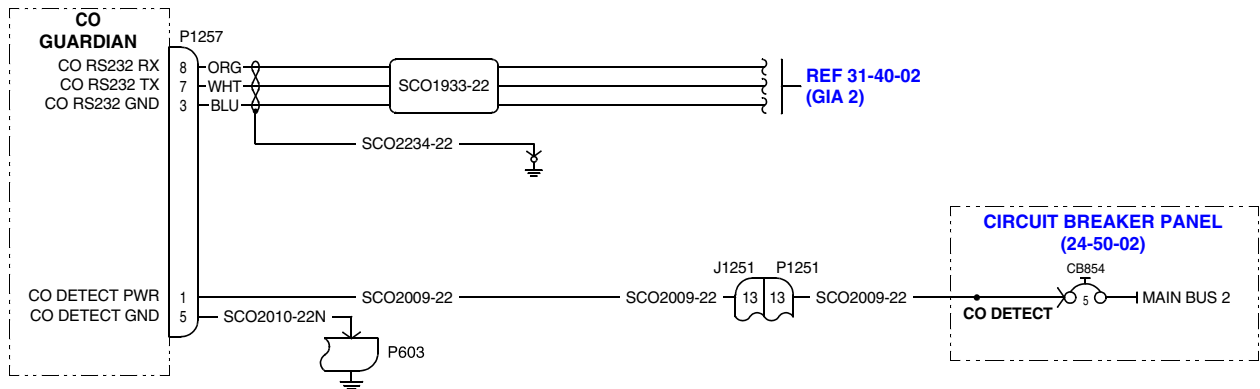
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Multifunction Display - Serials 22-0435 thru 22-1035	31-60-02
Multifunction Display - Serials 22-1036 thru 22-1086	31-60-02
Multifunction Display - Serials 22-1087 thru 22-1601, 22-1603 thru 22-1643, 22-1645 thru 22-1662	31-60-02
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NOTES

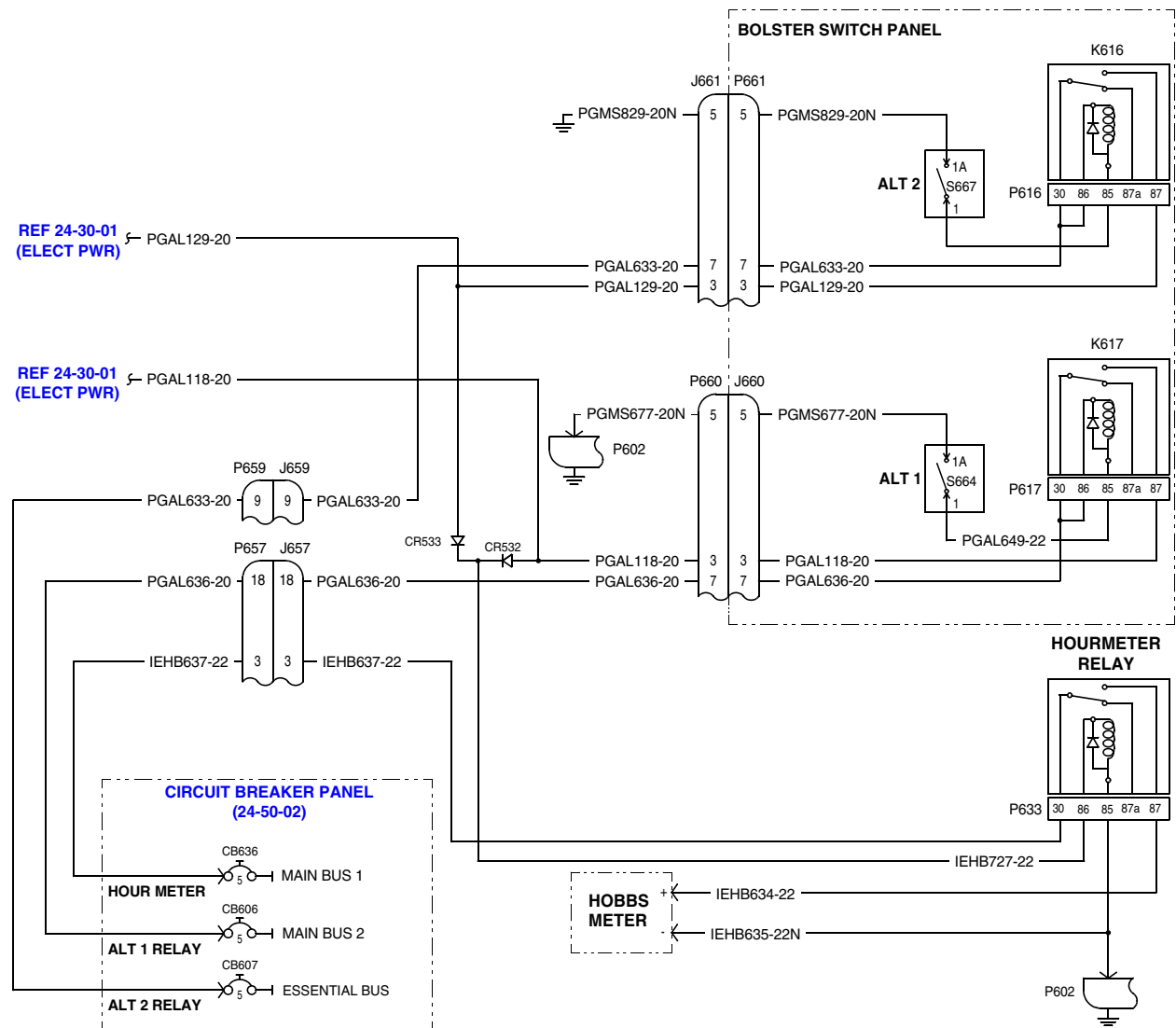
Refer to 91-10-00 for connector and pin information.

WM24570_10

Figure-01
CO Detector - Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

EFFECTIVITY:
Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

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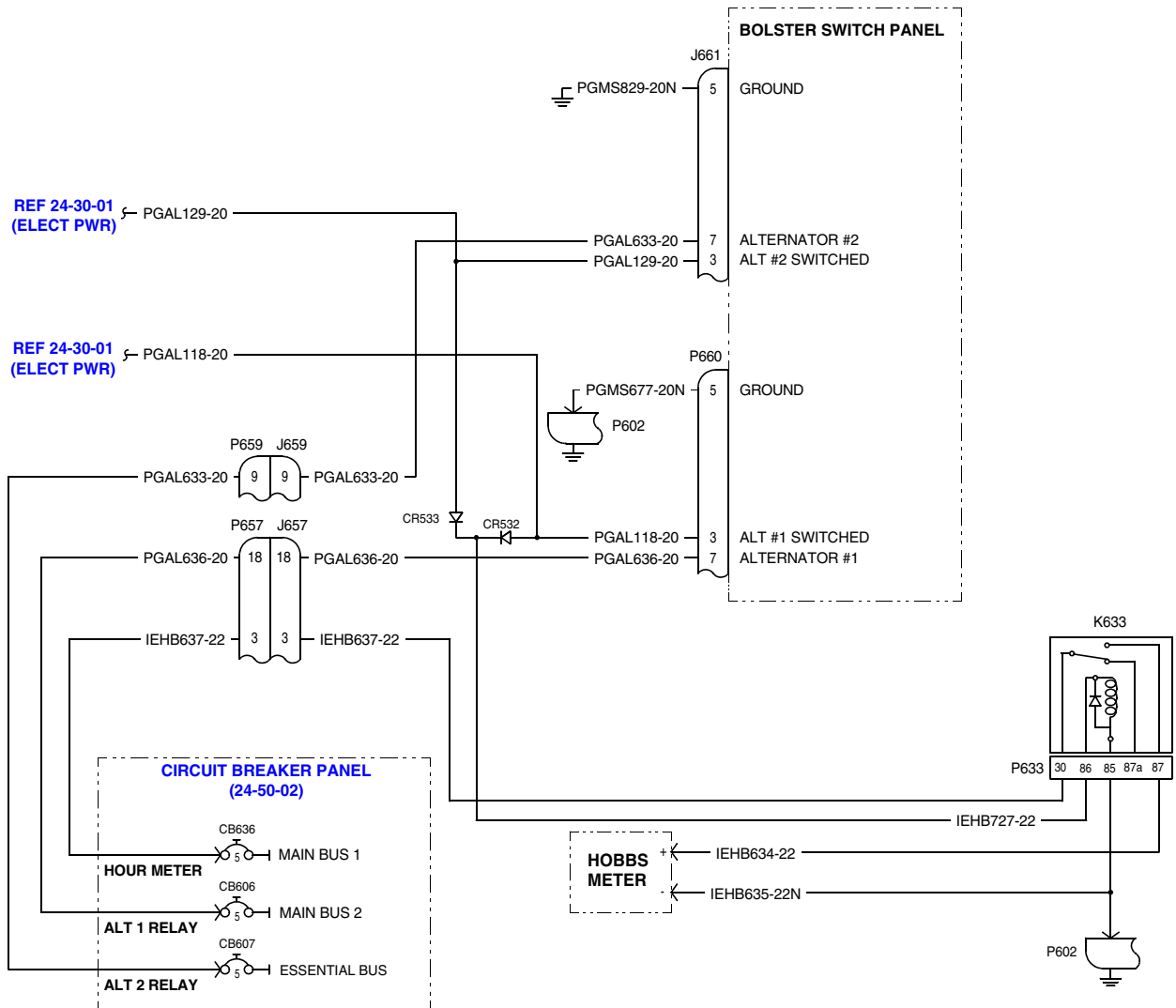
NOTES

Refer to 91-10-00 for connector and pin information.

WM14313_01A

Figure-01
Hour Meter - Serials 22-0002 thru 22-0138

EFFECTIVITY:
Serials 22-0002 thru 22-0138



NOTES

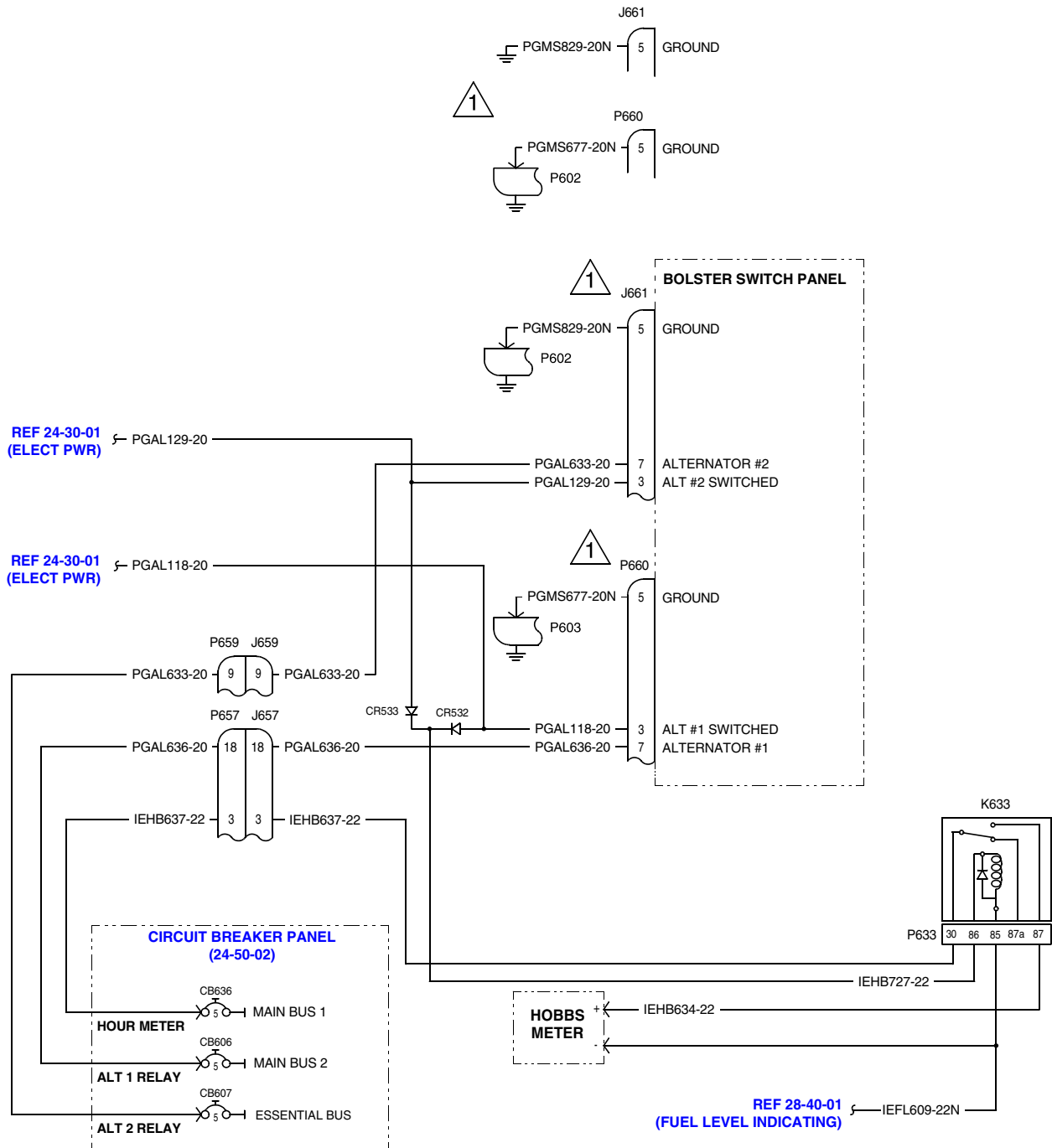
Refer to 91-10-00 for connector and pin information.

WM14313_03

Figure-01
Hour Meter - Serials 22-0139 thru 22-0168

EFFECTIVITY:
Serials 22-0139 thru 22-0168

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NOTES

Refer to 91-10-00 for connector and pin information.

 Serials 22-0169 thru 22-1601, 22-1603 thru 22-1643, 22-1645 thru 22-1662.

WM14313_02B

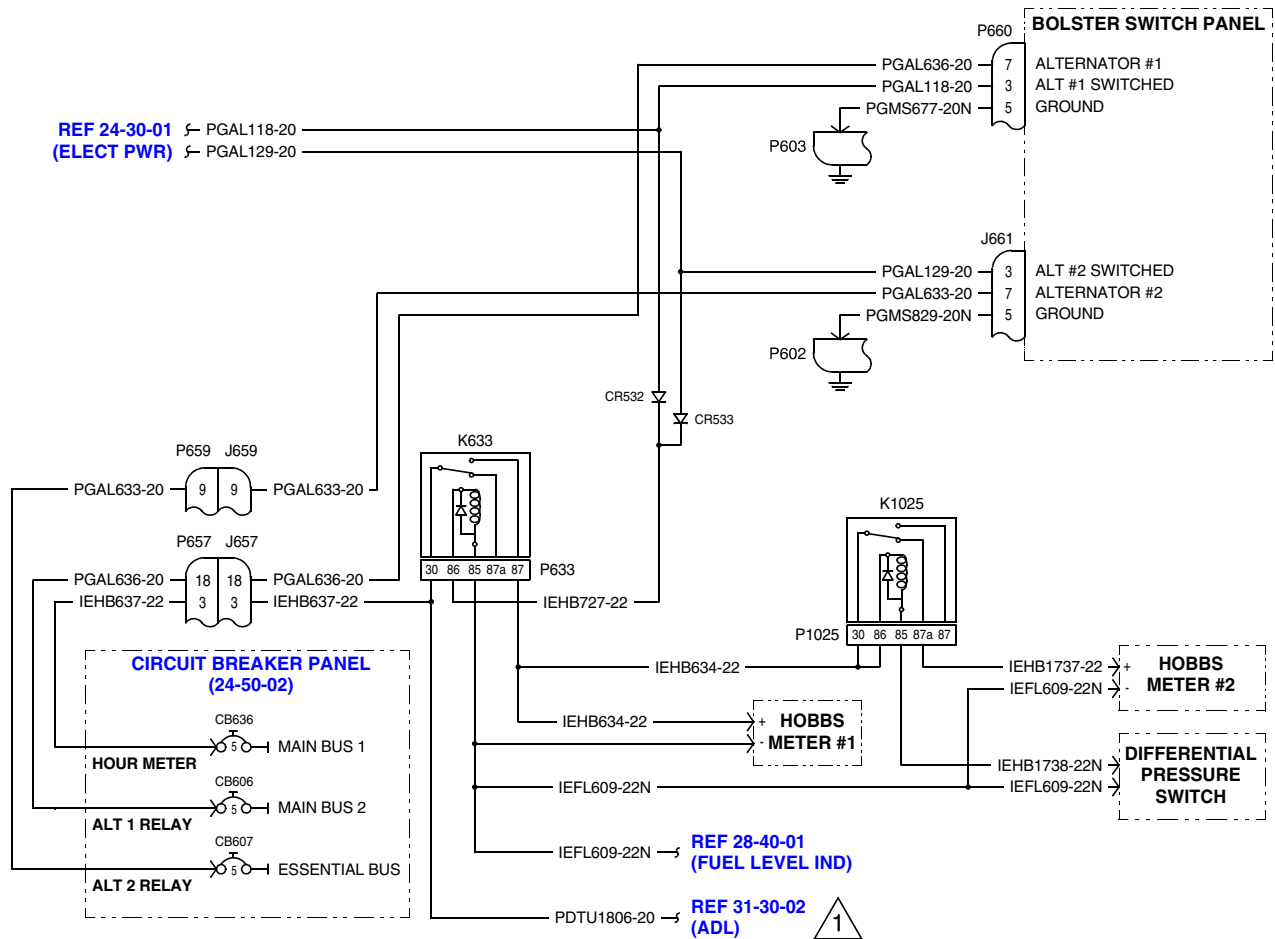
Figure-01

Hour Meter - Serials 22-0169 thru 22-1820, 22-1822 thru 22-1839, 22-1841 thru 22-1862

EFFECTIVITY:

Serials 22-0169 thru 22-1820, 22-1822 thru 22-1839, 22-1841 thru 22-1862

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NOTES

Refer to 91-10-00 for connector and pin information.

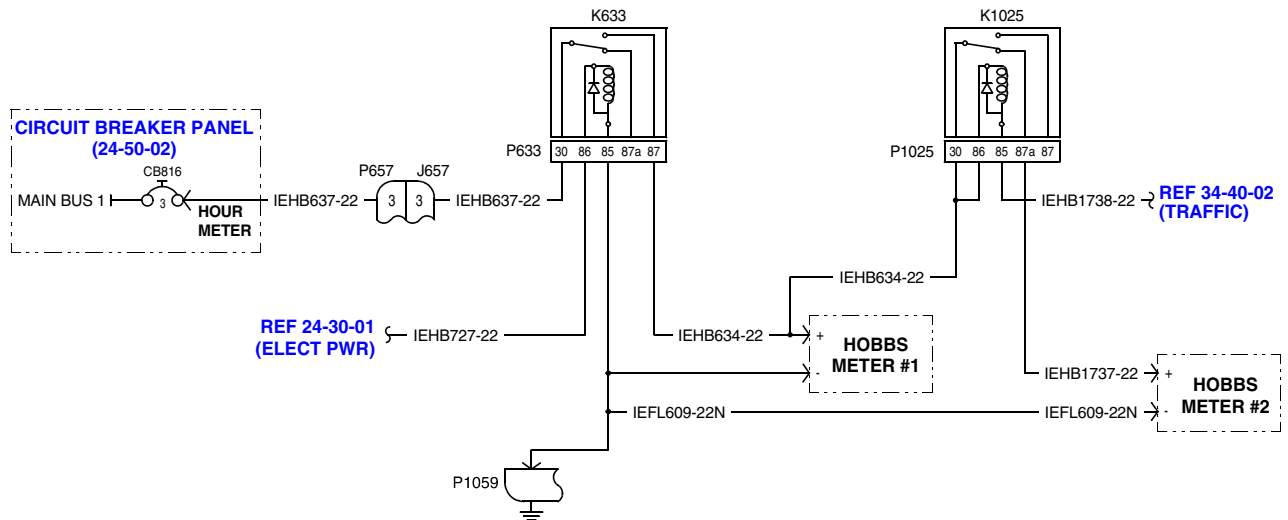
1 Serials 22-2334, 22-2420, 22-2438 & subs.

WM16704_10B

Figure-01
Hour Meter - Serials 22-1821, 22-1840, 22-1863 & subs w/o Perspective

EFFECTIVITY:
 Serials 22-1821, 22-1840, 22-1863 & subs w/o Per-
 spective

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NOTES

Refer to 91-10-00 for connector and pin information.

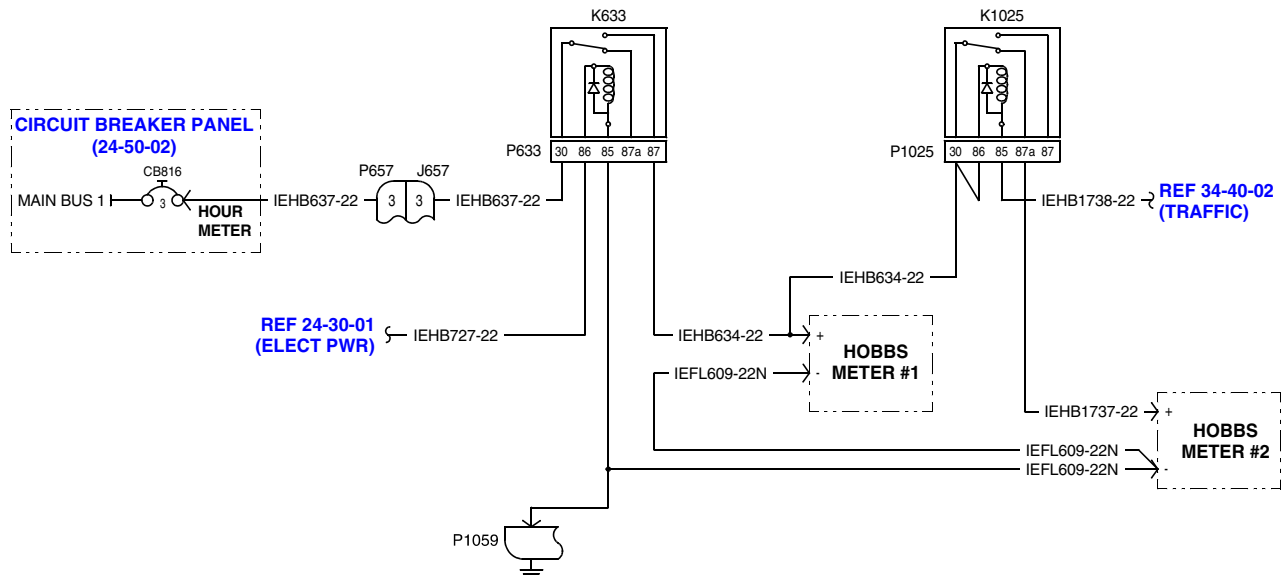
WM24562_12

Figure-01

Hour Meter - Serials 22-3026 thru 22-3773 w/ Perspective, 22T-0001 thru 22T-0171

EFFECTIVITY:
Serials 22-3026 thru 22-3773 w/ Perspective, 22T-0001 thru 22T-0171

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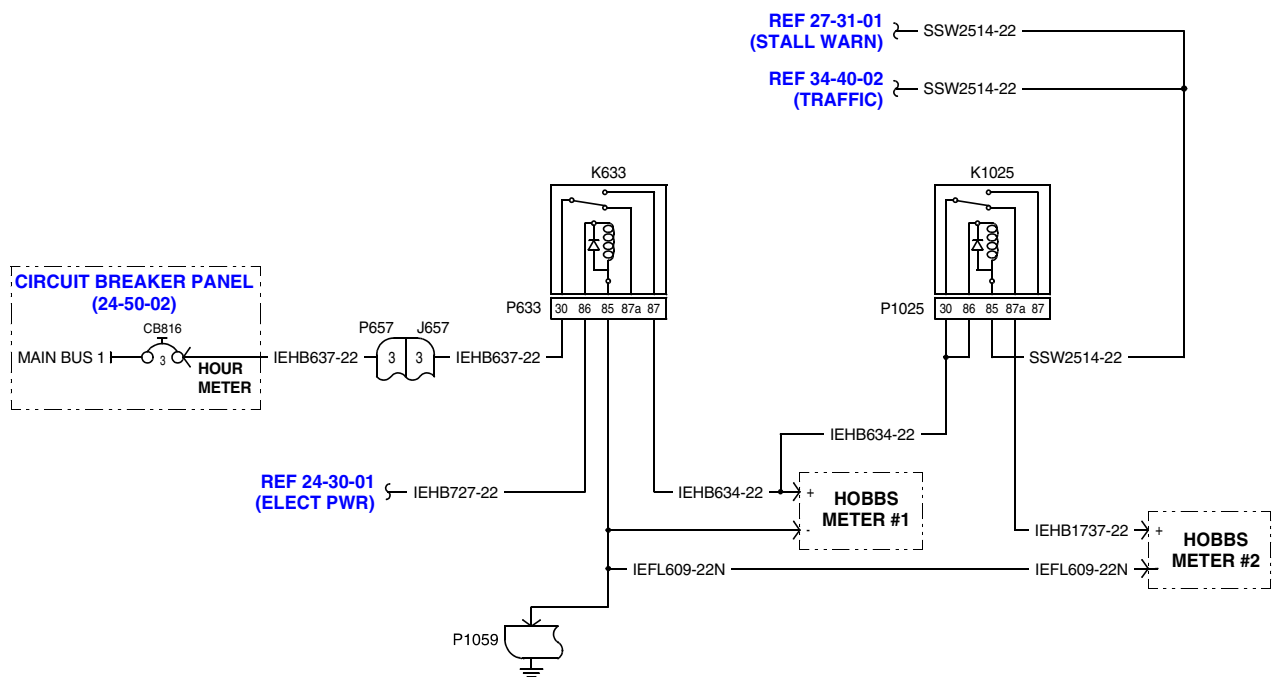
Refer to 91-10-00 for connector and pin information.

WM24762_04

Figure-01
Hour Meter - Serials 22-3774 & subs w/ Perspective, 22T-0172 & subs

EFFECTIVITY:
Serials 22-3774 & subs w/ Perspective, 22T-0172 & subs

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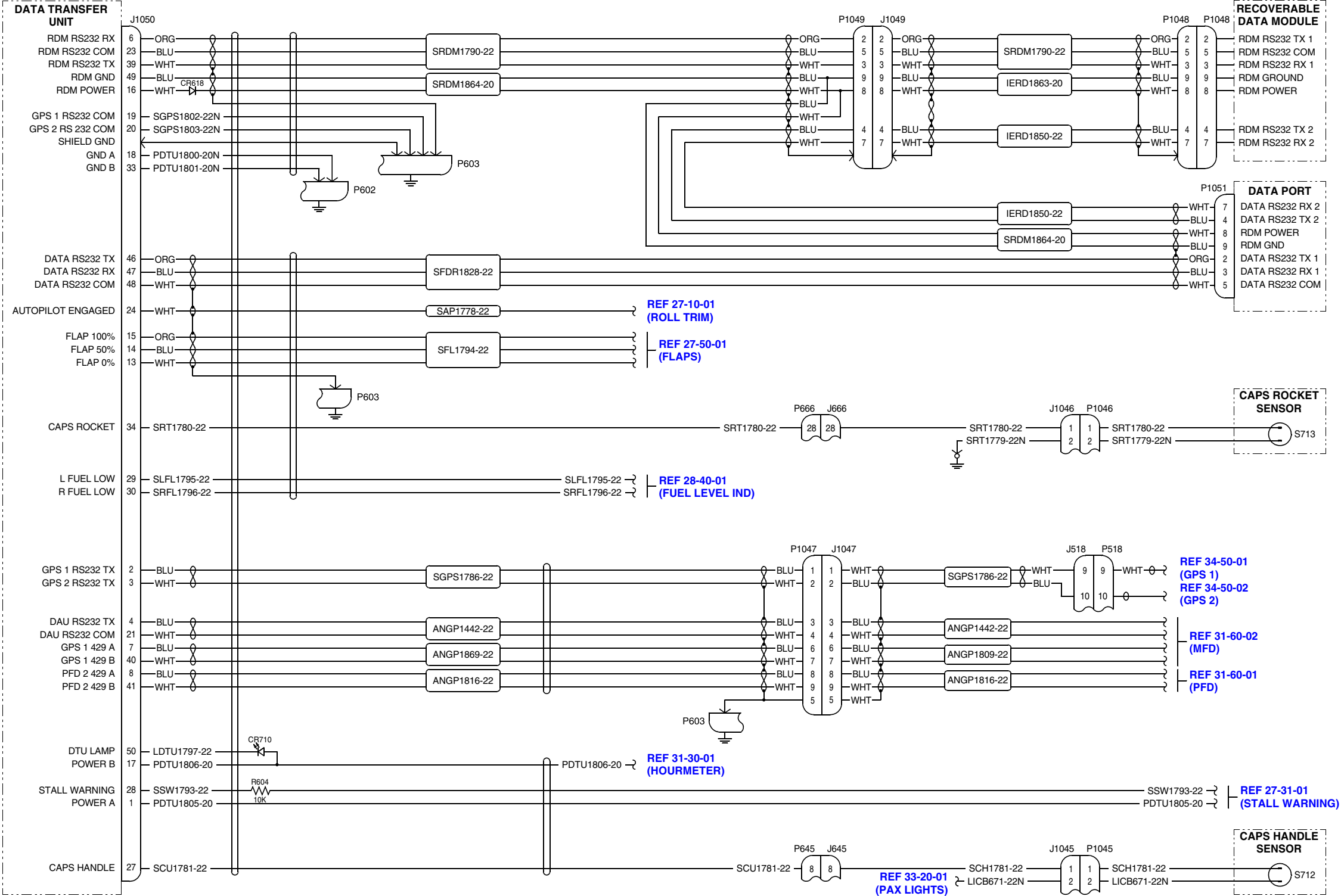
Refer to 91-10-00 for connector and pin information.

WM24916_02

Figure-01
Hour Meter - Serials 22-3403 & subs, 22T-0001 & subs w/ FIKI

EFFECTIVITY:
Serials 22-3403 & subs, 22T-0001 & subs w/ FIKI

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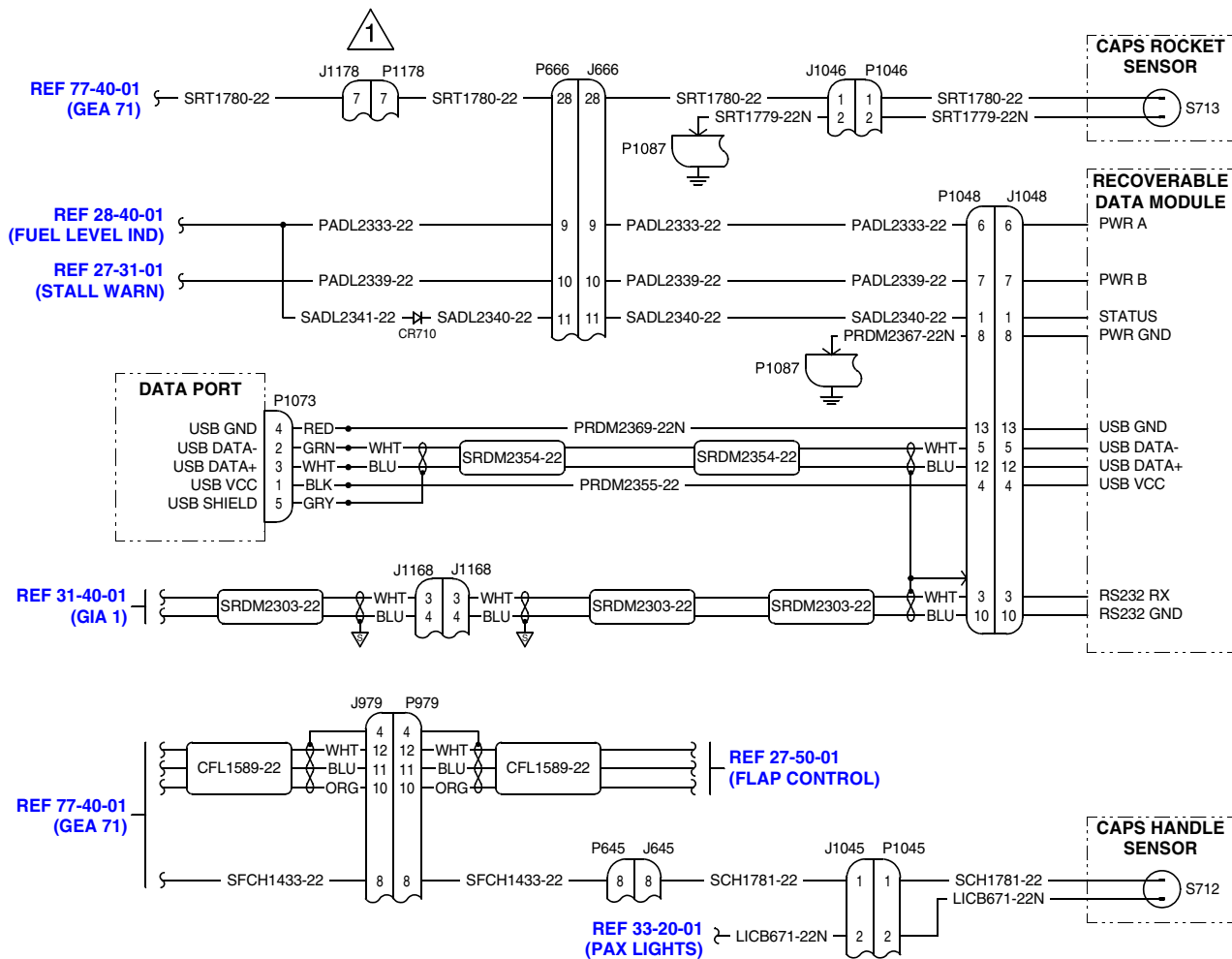
NOTES

Refer to 91-10-00 for connector and pin information.

Figure-02

Aircraft Data Logger - Serials 22-2710, 22-2750 & subs w/o Perspective

EFFECTIVITY:
Serials 22-2710, 22-2750 & subs w/o Perspective



NOTES

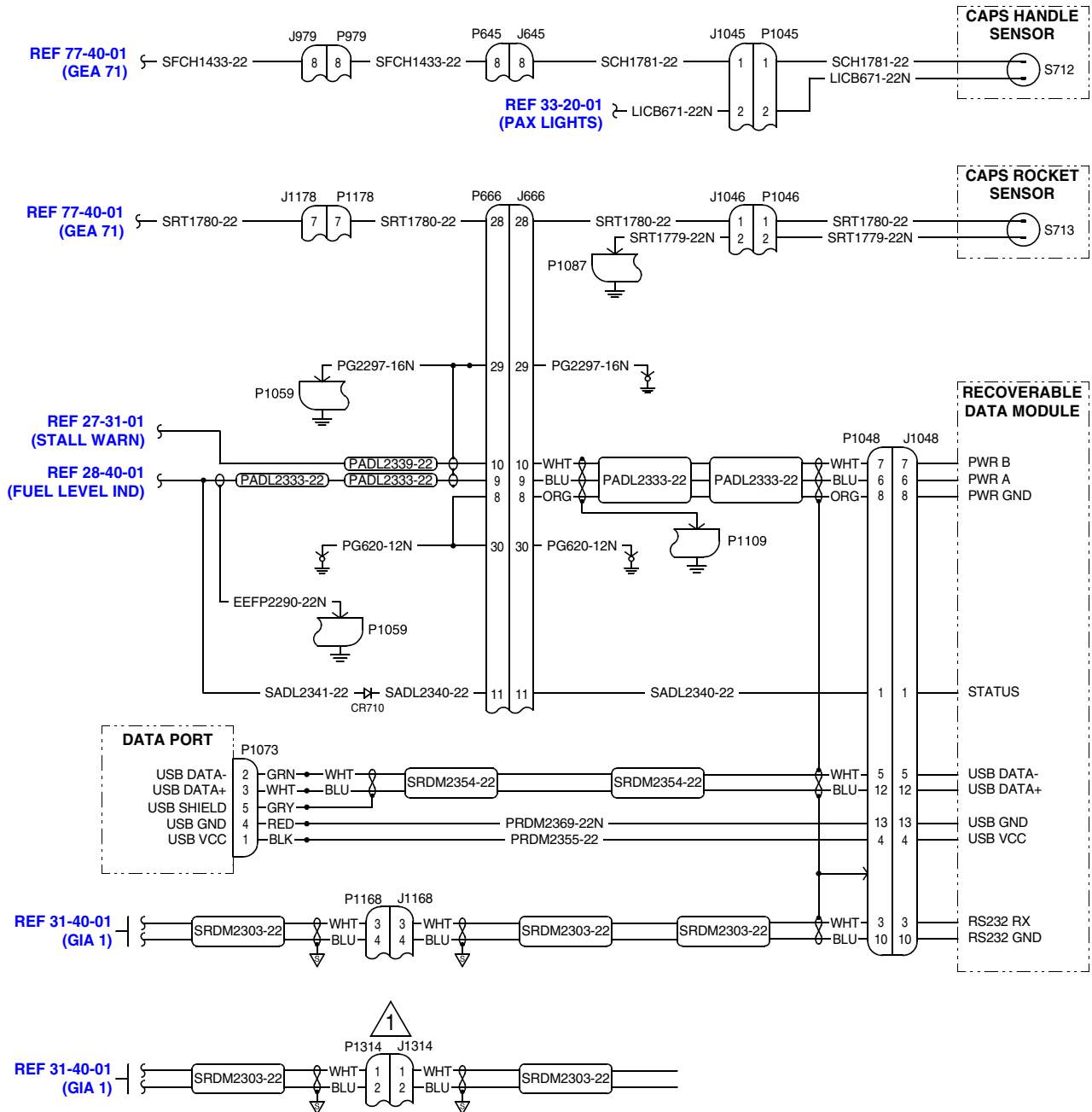
Refer to 91-10-00 for connector and pin information.

1. Serials 22-3026 thru 22-3102 before SB 2X-91-01:
Connector is labeled J978, and P978.

WM24598_10A

Figure-02
Aircraft Data Logger - Serials 22-3026 thru 22-3136 w/ Perspective

EFFECTIVITY:
Serials 22-3026 thru 22-3136 w/ Perspective



NOTES

Refer to 91-10-00 for connector and pin information.

1 Serials w/ System 55 Autopilot.

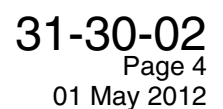
WM24598_11A

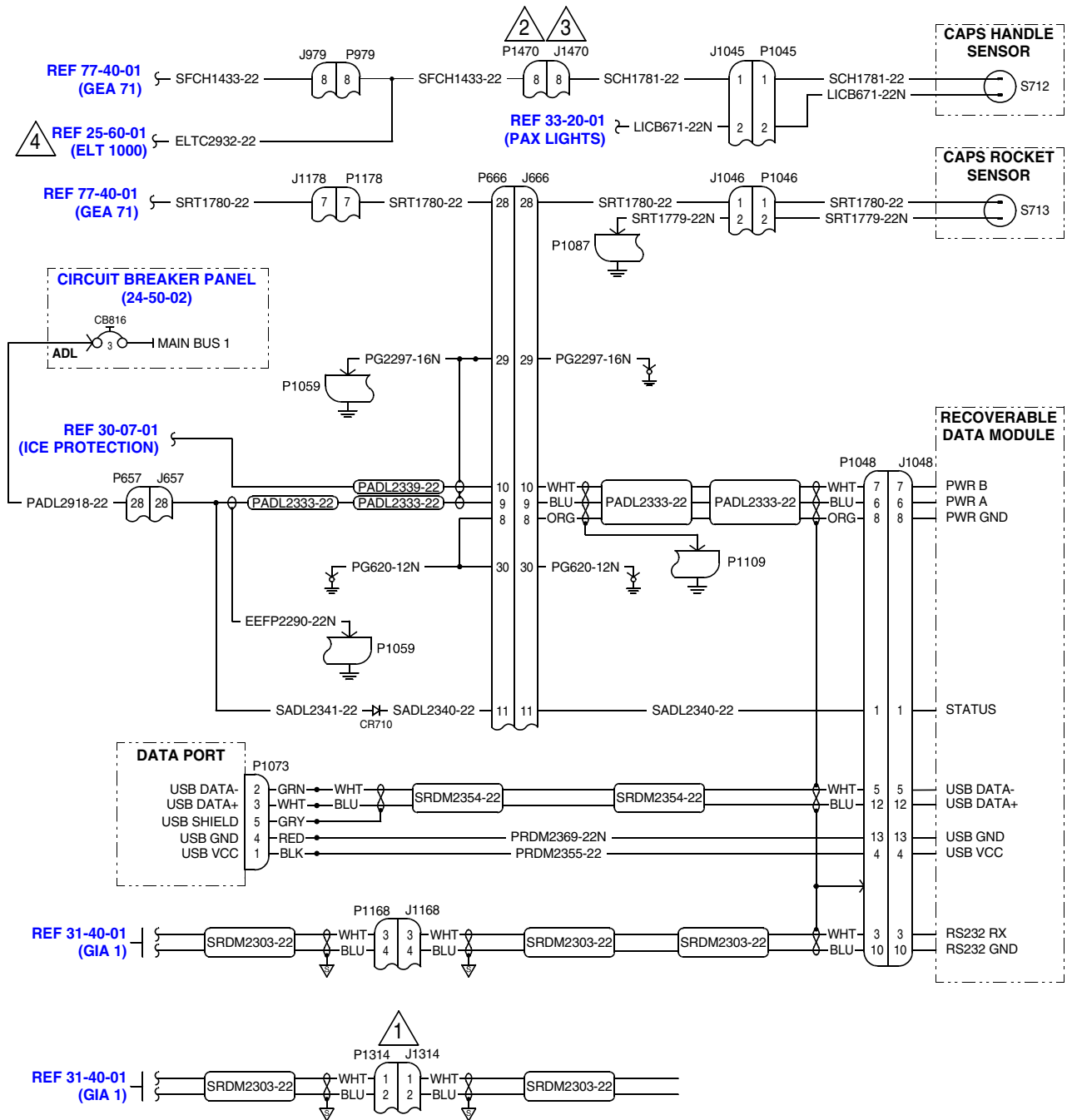
Figure-02

Aircraft Data Logger - Serials 22-3137 thru 22-3848 w/ Perspective, 22T-0001 thru 22T-0318

EFFECTIVITY:
Serials 22-3137 thru 22-3848 w/ Perspective, 22T-0001 thru 22T-0318

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NOTES

Refer to 91-10-00 for connector and pin information.

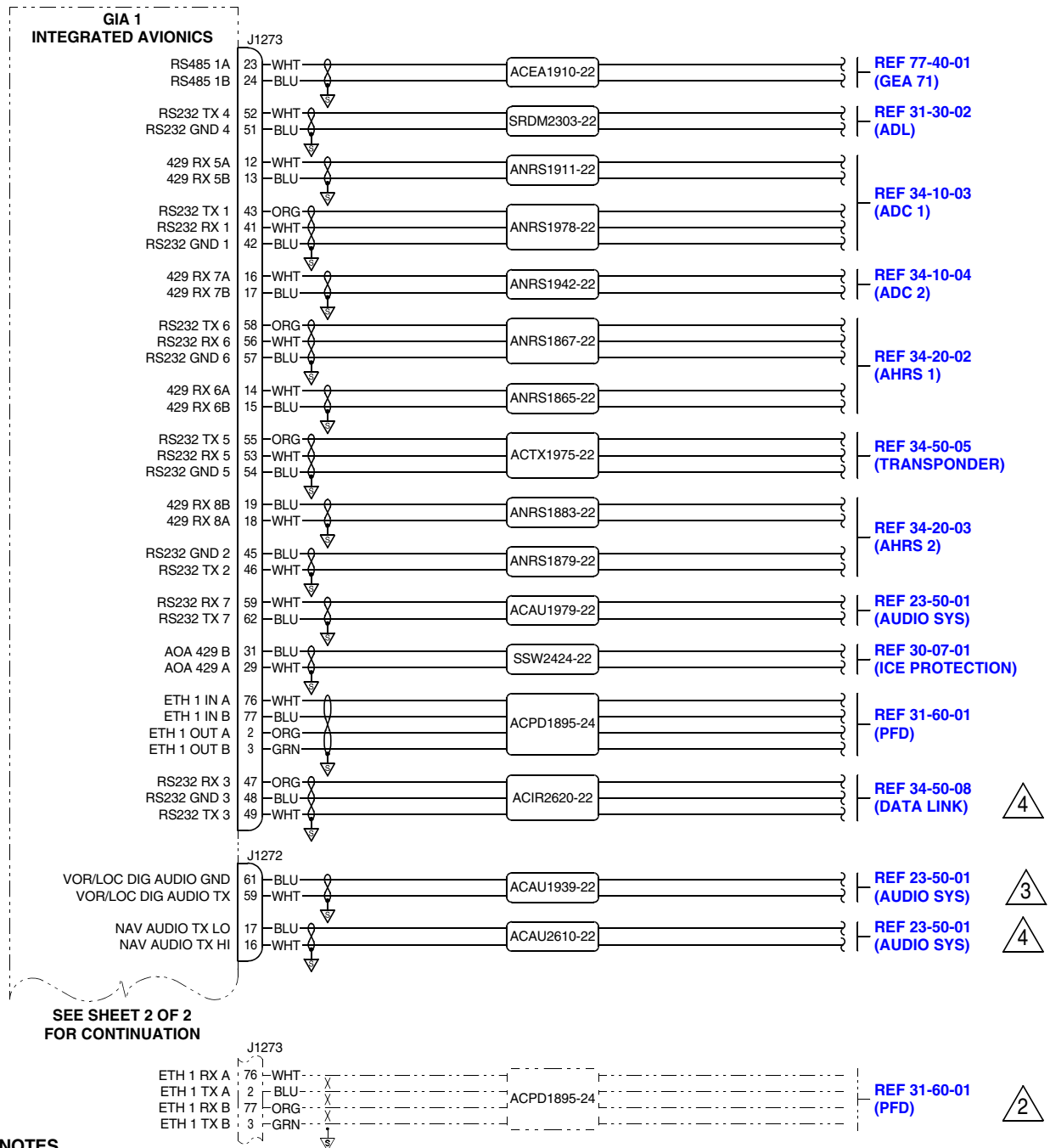
- 1 Serials w/ System 55 Autopilot.
- 2 Serials 22-3849 thru 22-4045, 22T-0319 thru 22T-0689: Connector is labeled J645, and P645.
- 3 Serials 22-4046 thru 22-4299, 22T-0690 thru 22T-1232: Connector is labeled J1470, and P1470.
- 4 Serials 22-4164 & subs, 22T-0963 & subs.

WM26333_02C

Figure-02
Aircraft Data Logger - Serials 22-3849 & subs, 22T-0319 & subs

EFFECTIVITY:
Serials 22-3849 & subs, 22T-0319 & subs

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**NOTES**

Refer to 91-10-00 for connector and pin information.

- 1 Serials w/ GTS 800 (TAS).
- 2 Serials 22-3446 thru 22-3664, 22T-0001 thru 22T-0003.
- 3 Serials 22-3446 thru 22-3827, 22T-0001 thru 22T-0267.
- 4 Serials 22-3828 & subs, 22T-0268 & subs.
- 5 Serials 22-3871 & subs, 22T-0370 & subs.

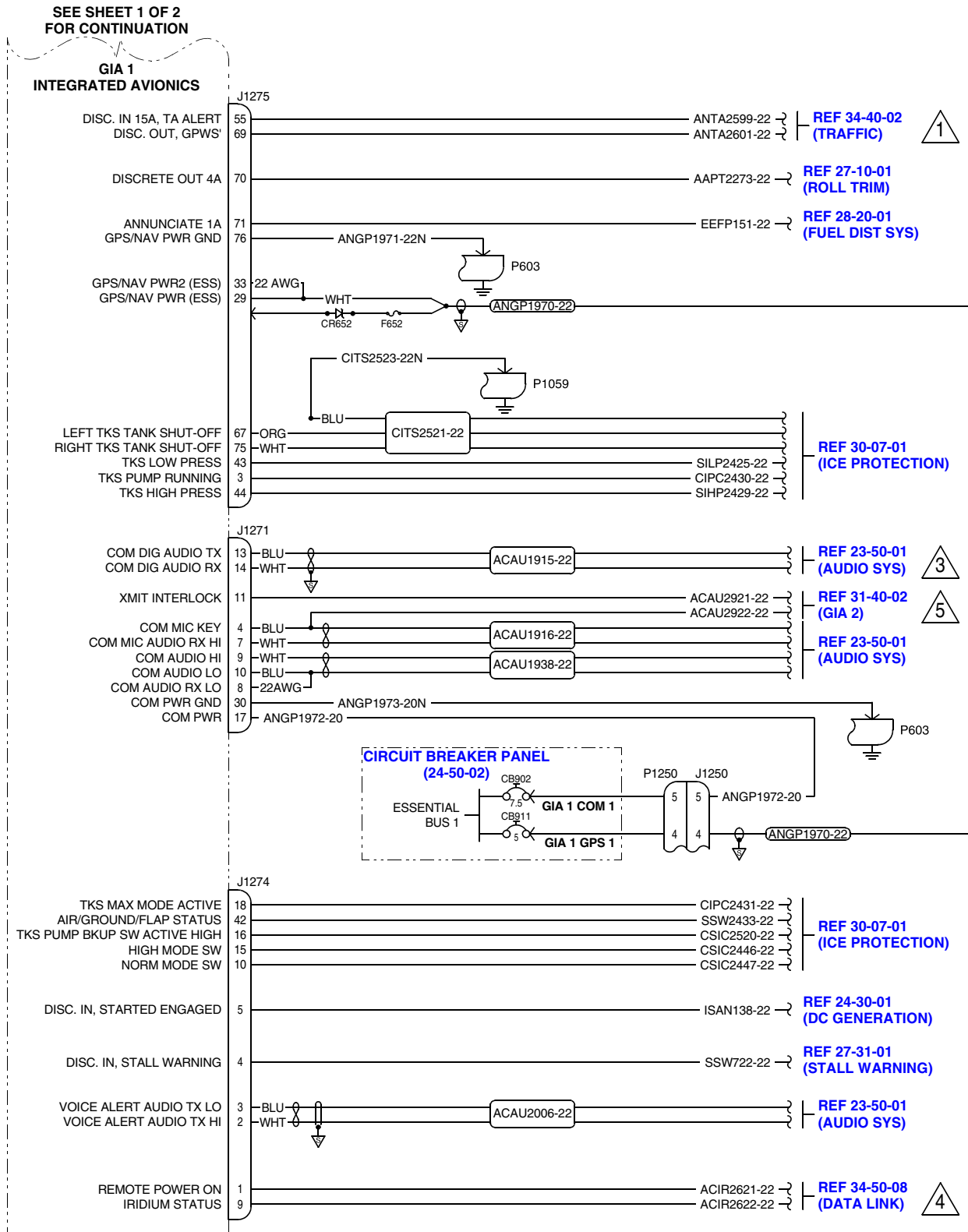
WM24499_02C

Figure-01

GIA 1 - Integrated Avionics - Serials 22-3446 & subs, 22T-0001 & subs w/ Sys 55 AP (1 of 2)

EFFECTIVITY:
Serials 22-3446 & subs, 22T-0001 & subs w/ Sys 55
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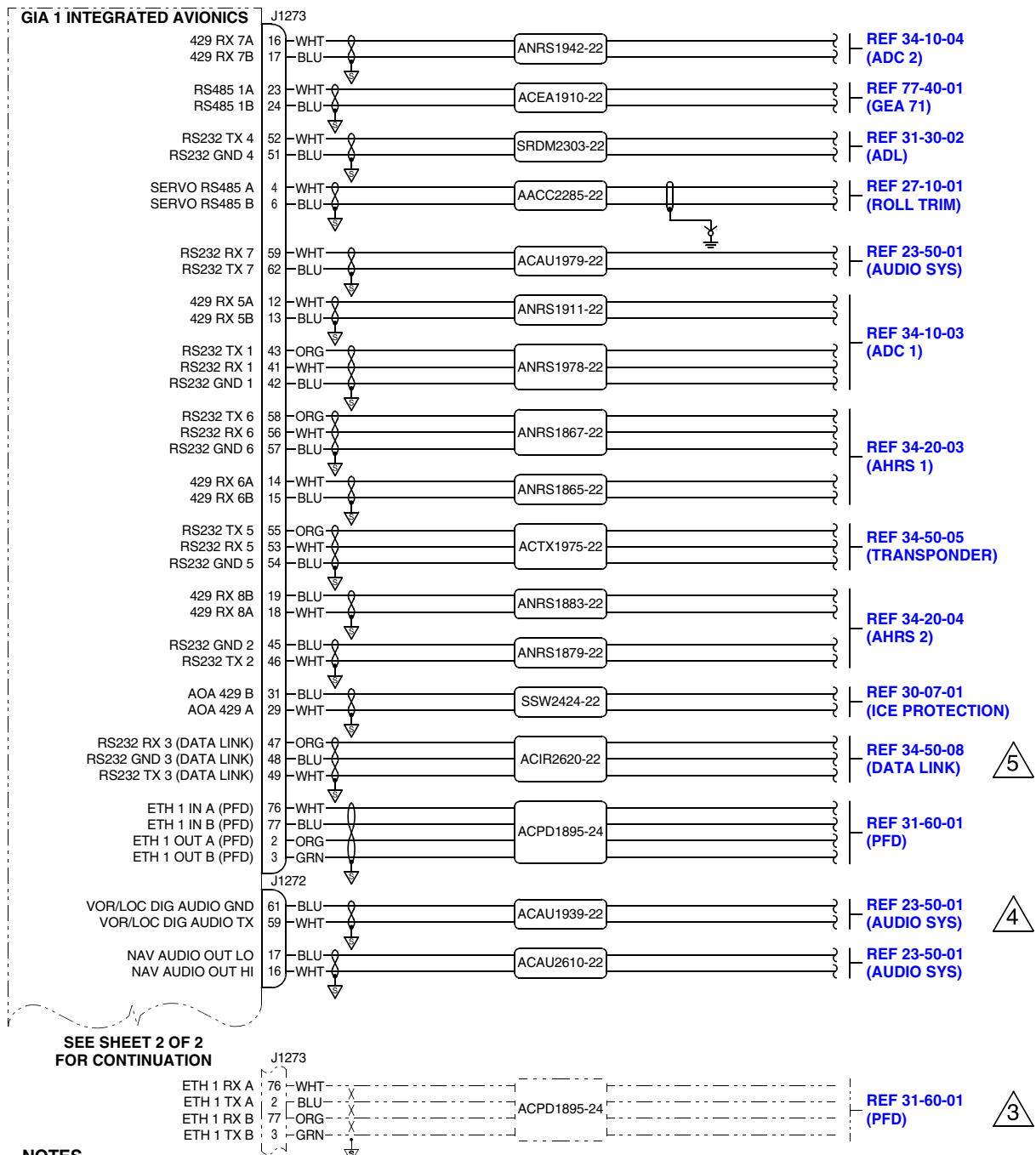
WM24499_07C

Figure-01

GIA 1 - Integrated Avionics - Serials 22-3446 & subs, 22T-0001 & subs w/ Sys 55 AP (2 of 2)

EFFECTIVITY:
Serials 22-3446 & subs, 22T-0001 & subs w/ Sys 55
AP

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**NOTES**

Refer to 91-10-00 for connector and pin information.

- 1 Serials 22-3026 thru 22-3445: Connector is labeled P602.
- 2 Serials w/ GTS 800 (TAS).
- 3 Serials 22-3026 thru 22-3664, 22T-0001 thru 22T-0003.
- 4 Serials 22-3026 thru 22-3827, 22T-0001 thru 22T-0267.
- 5 Serials 22-3828 & subs, 22T-0268 & subs.
- 6 Serials 22-3871 & subs, 22T-0370 & subs.
- 7 Serials 22-3915 & subs, 22T-0442 & subs.

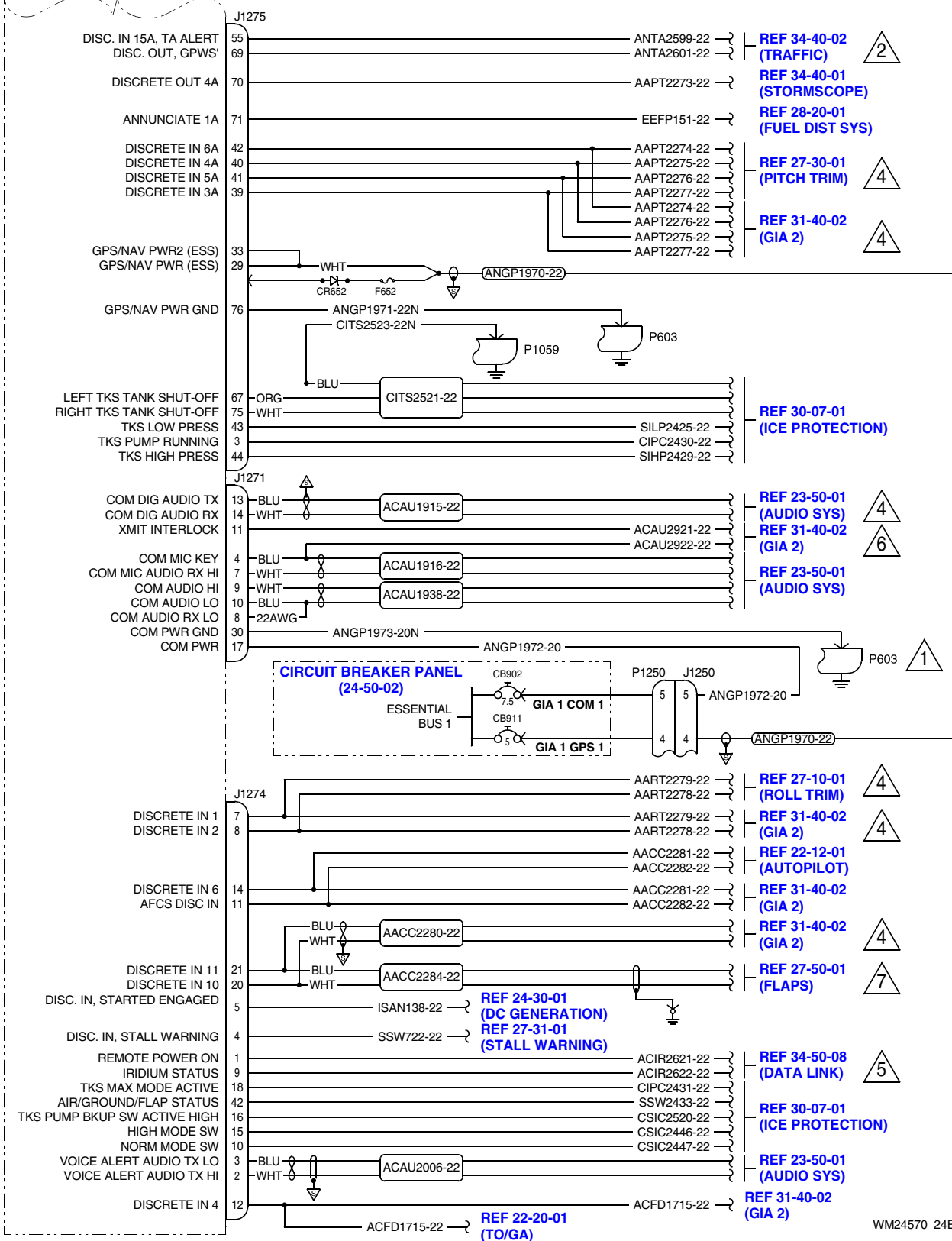
WM24570_22E

Figure-01**GIA 1 - Integrated Avionics - Serials 22-3026 thru 22-4045 w/ Perspective, 22T-0001 thru 22T-0689 (1 of 2)****EFFECTIVITY:**

Serials 22-3026 thru 22-4045 w/ Perspective, 22T-0001 thru 22T-0689

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SEE SHEET 1 OF 2 FOR CONTINUATION



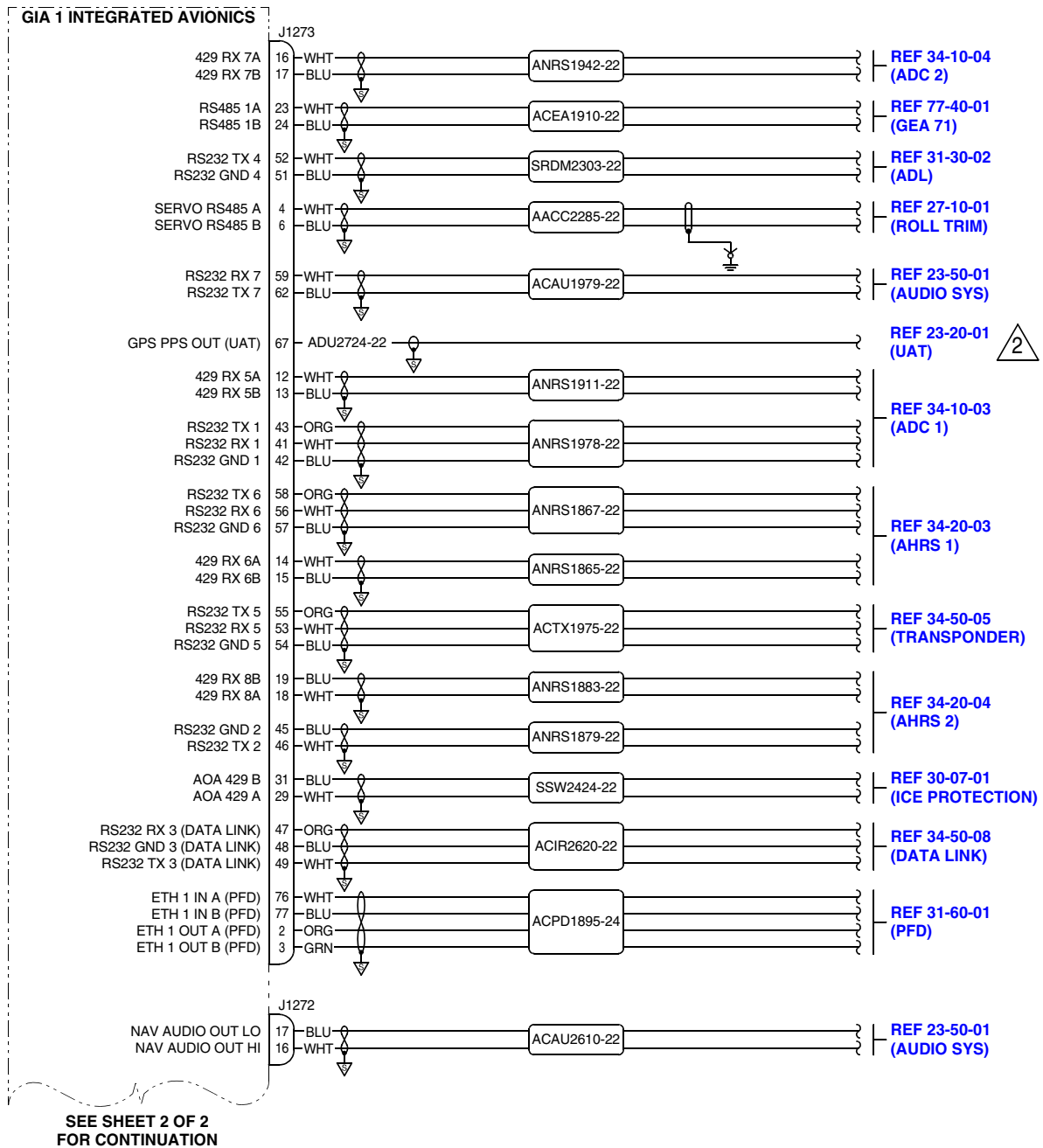
WM24570_24E

Figure-01

GIA 1 - Integrated Avionics - Serials 22-3026 thru 22-4045 w/ Perspective, 22T-0001 thru 22T-0689 (2 of 2)

EFFECTIVITY:
Serials 22-3026 thru 22-4045 w/ Perspective, 22T-0001
thru 22T-0689

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**NOTES**

Refer to 91-10-00 for connector and pin information.

¹ Serials w/ GTS 800 (TAS).² Serials 22-4300 & subs. 22T-1233 & subs.

WM31622_03B

Figure-01**GIA 1 - Integrated Avionics - Serials 22-4046 & subs w/ Perspective, 22T-0690 & subs (1 of 2)****EFFECTIVITY:**

Serials 22-4046 & subs w/ Perspective, 22T-0690 & subs

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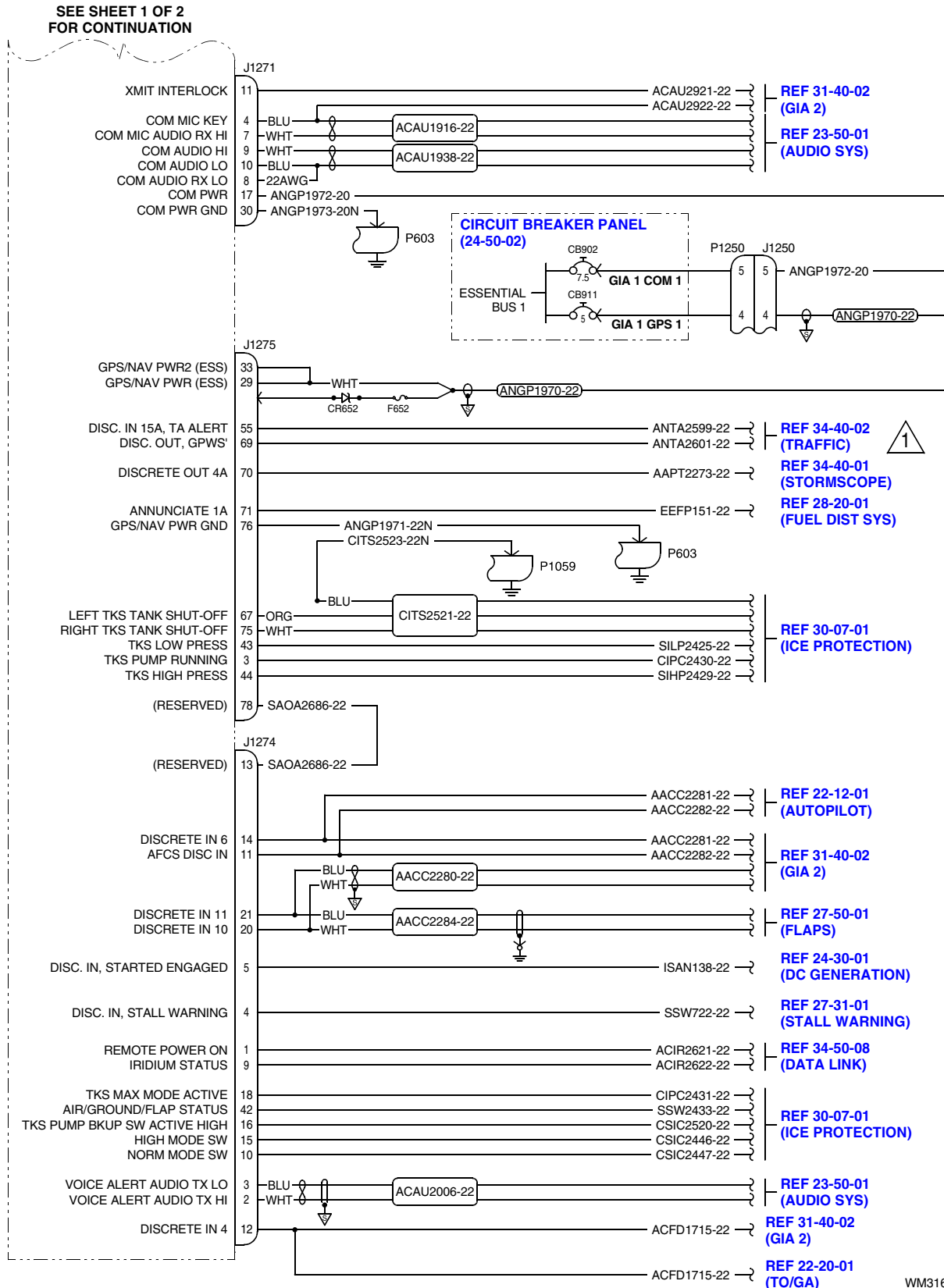
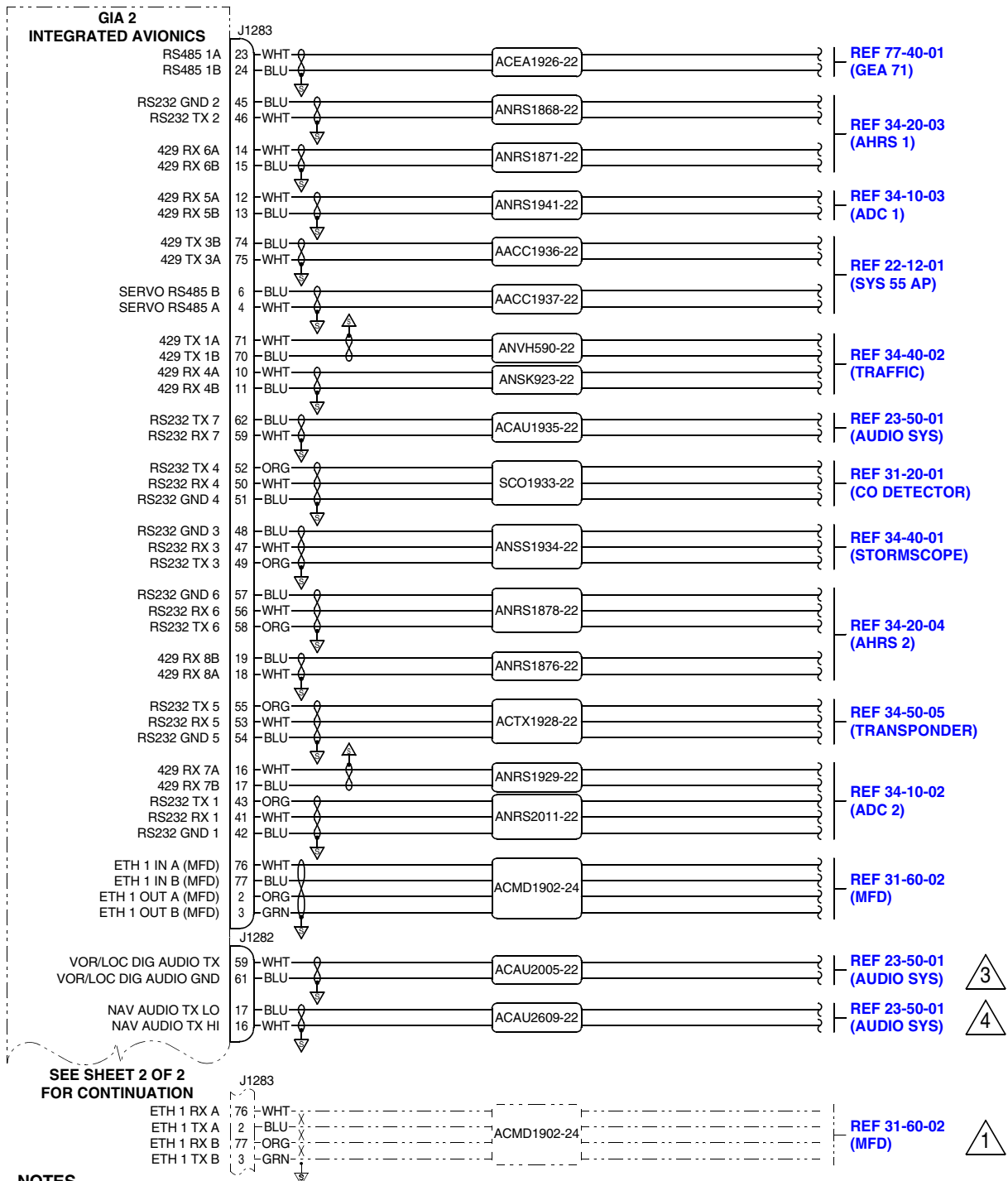


Figure-01

GIA 1 - Integrated Avionics - Serials 22-4046 & subs w/ Perspective, 22T-0690 & subs (2 of 2)

EFFECTIVITY:
Serials 22-4046 & subs w/ Perspective, 22T-0690 & subs

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**NOTES**

Refer to 91-10-00 for connector and pin information.

- 1 Serials 22-3446 thru 22-3664, 22T-0001 thru 22T-0003.
- 2 Serials w/ GTS 800 (TAS).
- 3 Serials 22-3446 thru 22-3827, 22T-0001 thru 22T-0267.
- 4 Serials 22-3828 & subs, 22T-0268 & subs.
- 5 Serials 22-3871 & subs, 22T-0370 & subs.

WM24499_05C

Figure-02**GIA 2 - Integrated Avionics - Serials 22-3446 & subs, 22T-0001 & subs w/ Sys 55 AP (1 of 2)****EFFECTIVITY:**

Serials 22-3446 & subs, 22T-0001 & subs w/ Sys 55 AP

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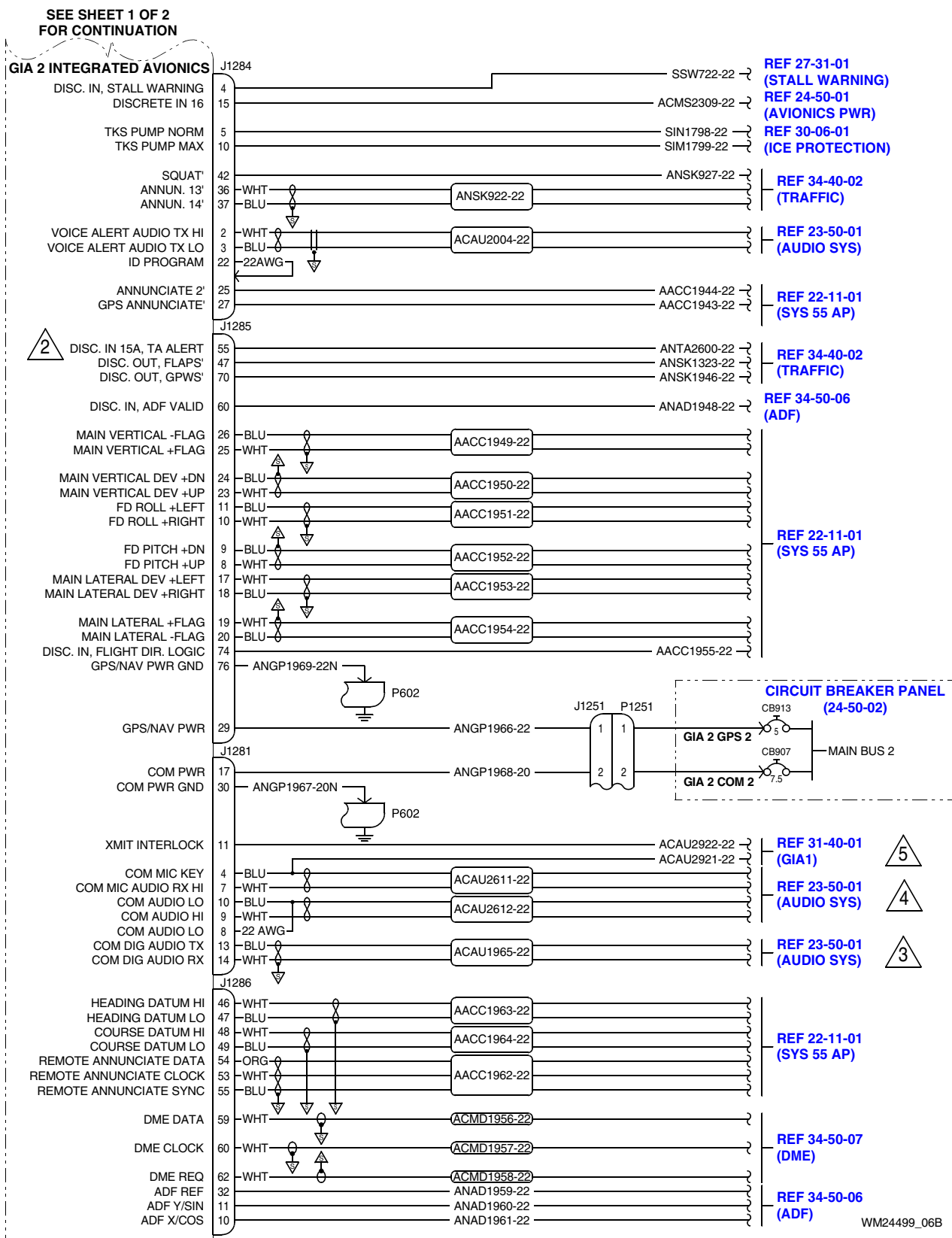
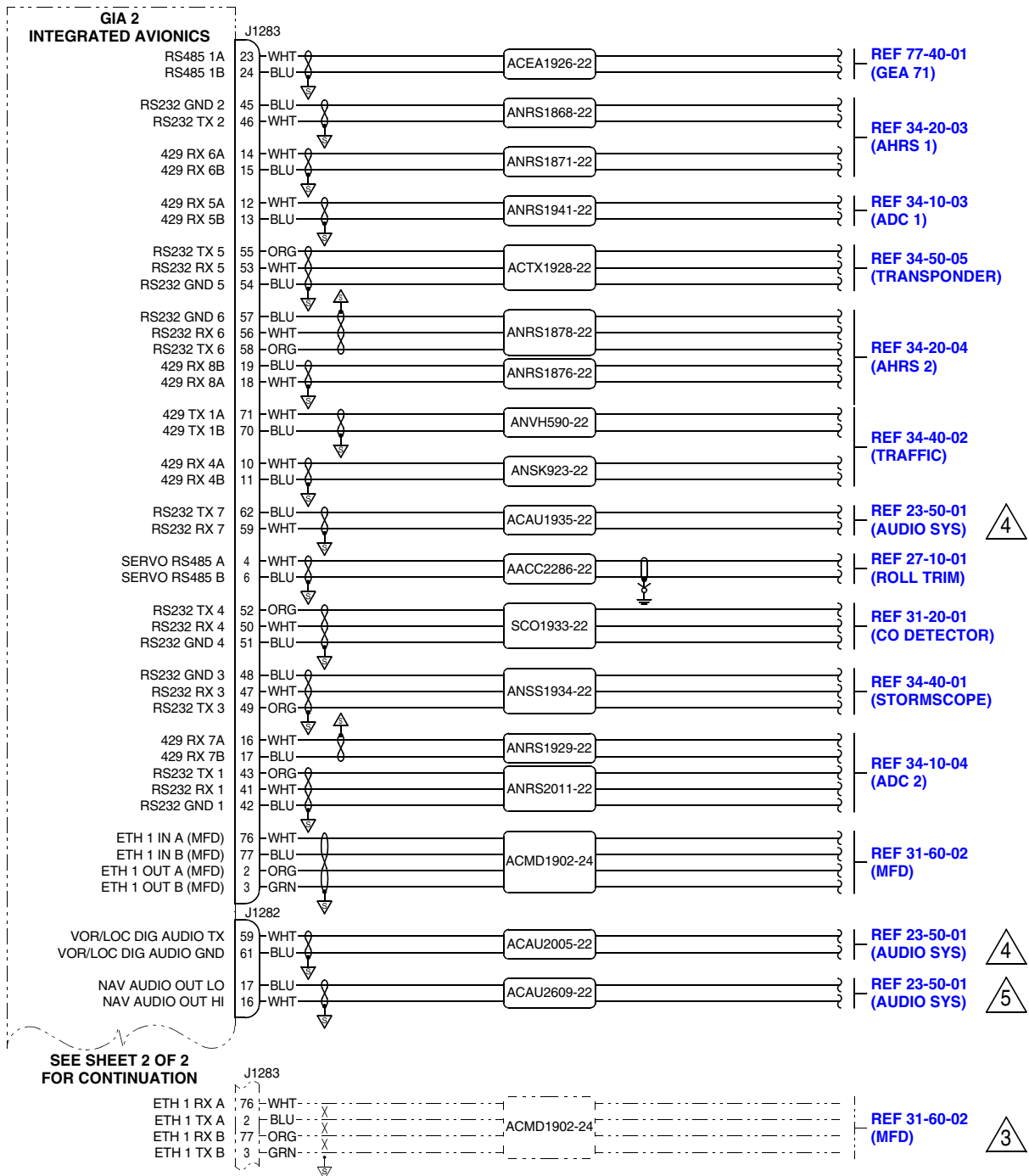


Figure-02

GIA 2 - Integrated Avionics - Serials 22-3446 & subs, 22T-0001 & subs w/ Sys 55 AP (2 of 2)

EFFECTIVITY:
Serials 22-3446 & subs, 22T-0001 & subs w/ Sys 55
AP

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**NOTES**

Refer to 91-10-00 for connector and pin information.

- 1 Serials 22-3026 thru 22-3445: Connector is labeled P603.
- 2 Serials w/ GTS 800 (TAS).
- 3 Serials 22-3026 thru 22-3664, 22T-0001 thru 22T-0003.
- 4 Serials 22-3026 thru 22-3827, 22T-0001 thru 22T-0267.
- 5 Serials 22-3828 & subs, 22T-0268 & subs.
- 6 Serials 22-3871 & subs, 22T-0370 & subs.

WM24570_26E

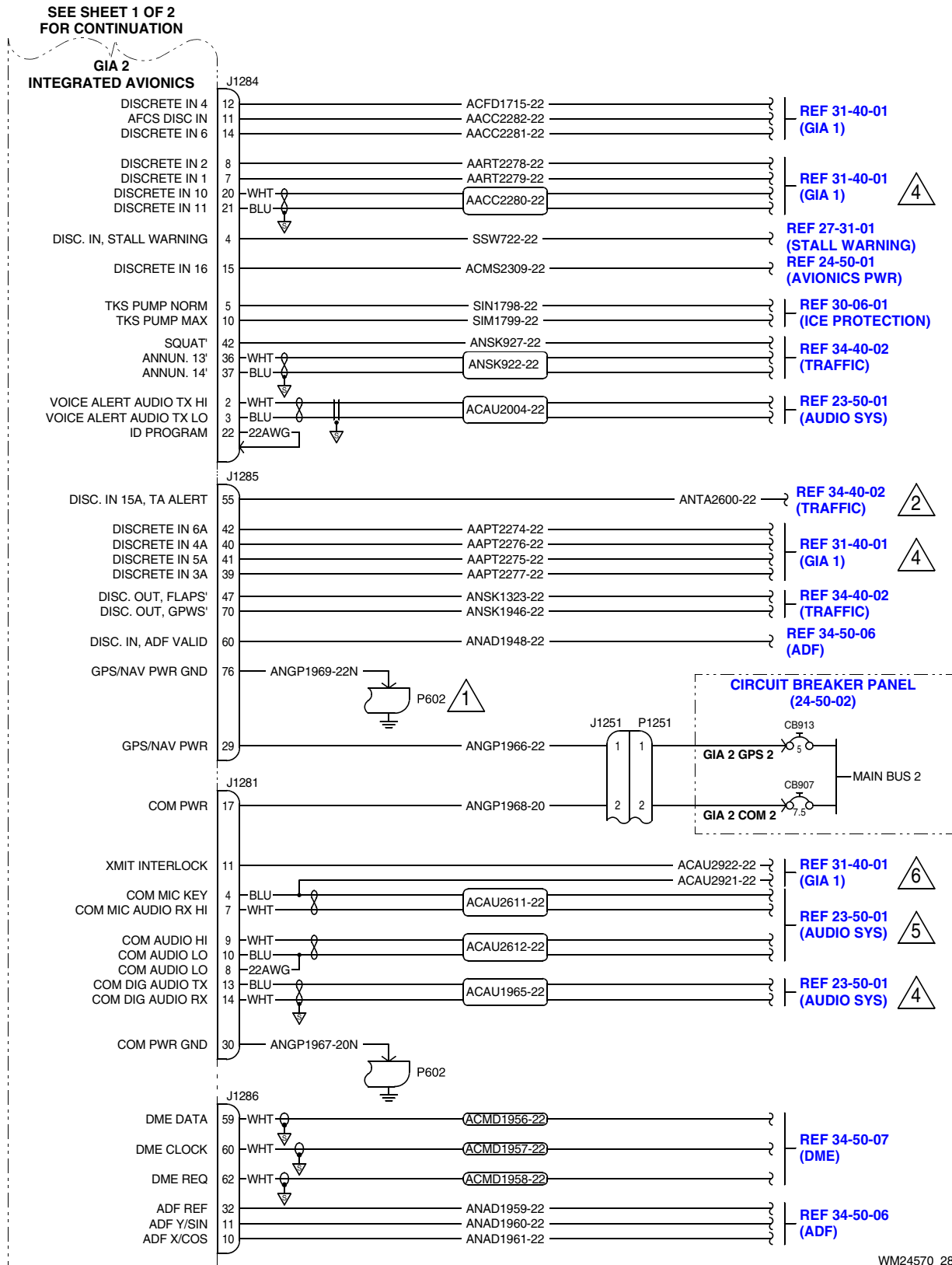
Figure-02**GIA 2 - Integrated Avionics - Serials 22-3026 thru 22-4045 w/ Perspective, 22T-0001 thru 22T-0689 (1 of 2)****EFFECTIVITY:**

Serials 22-3026 thru 22-4045 w/ Perspective, 22T-0001 thru 22T-0689

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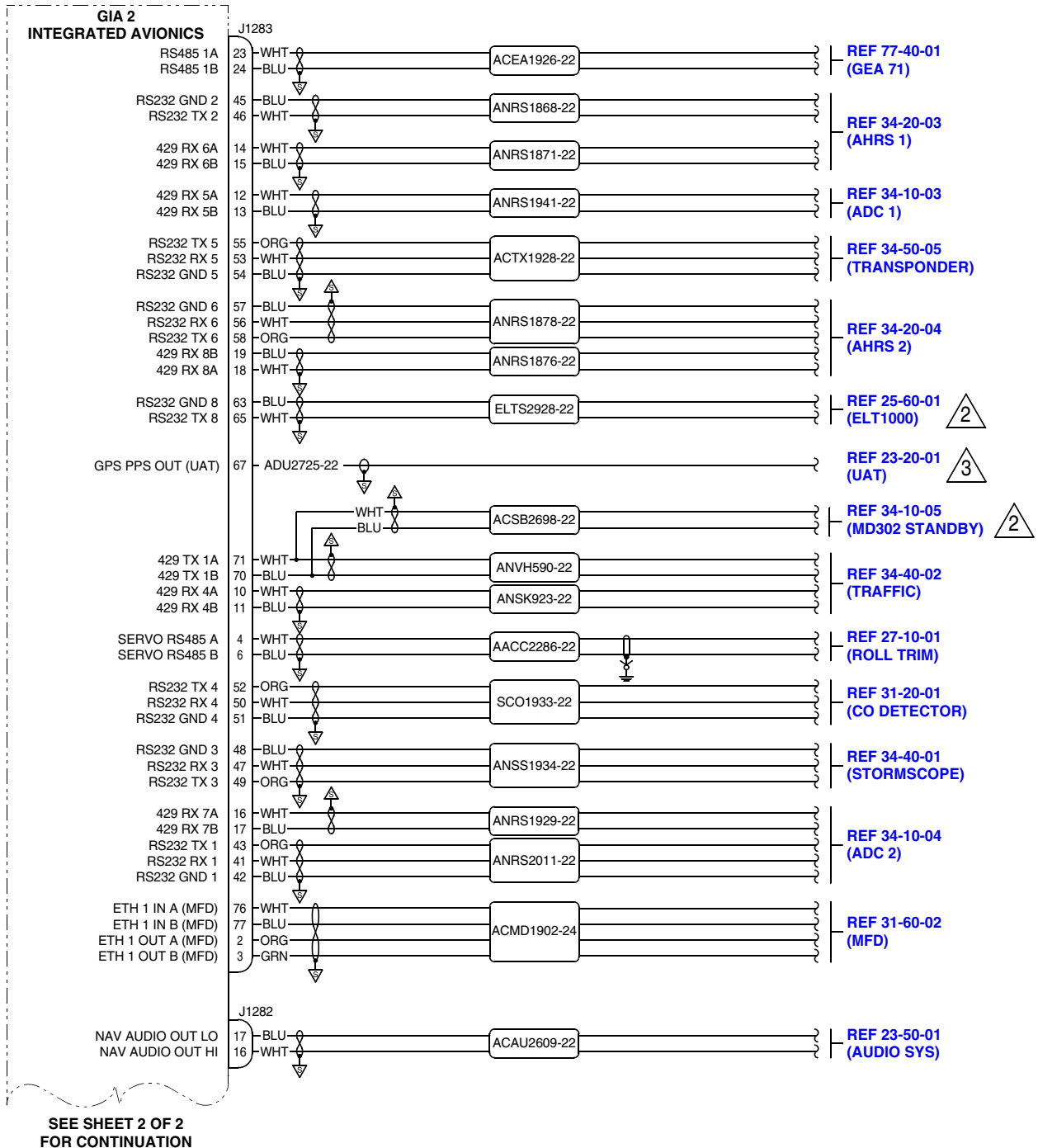
WM24570_28D

Figure-02

GIA 2 - Integrated Avionics - Serials 22-3026 thru 22-4045 w/ Perspective, 22T-0001 thru 22T-0689 (2 of 2)

EFFECTIVITY:
Serials 22-3026 thru 22-4045 w/ Perspective, 22T-0001
thru 22T-0689

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**NOTES**

Refer to 91-10-00 for connector and pin information.

- 1 Serials w/ GTS 800 (TAS).
- 2 Serials 22-4164 & subs, 22T-0963 & subs.
- 3 Serials 22-4300 & subs, 22T-1233 & subs.

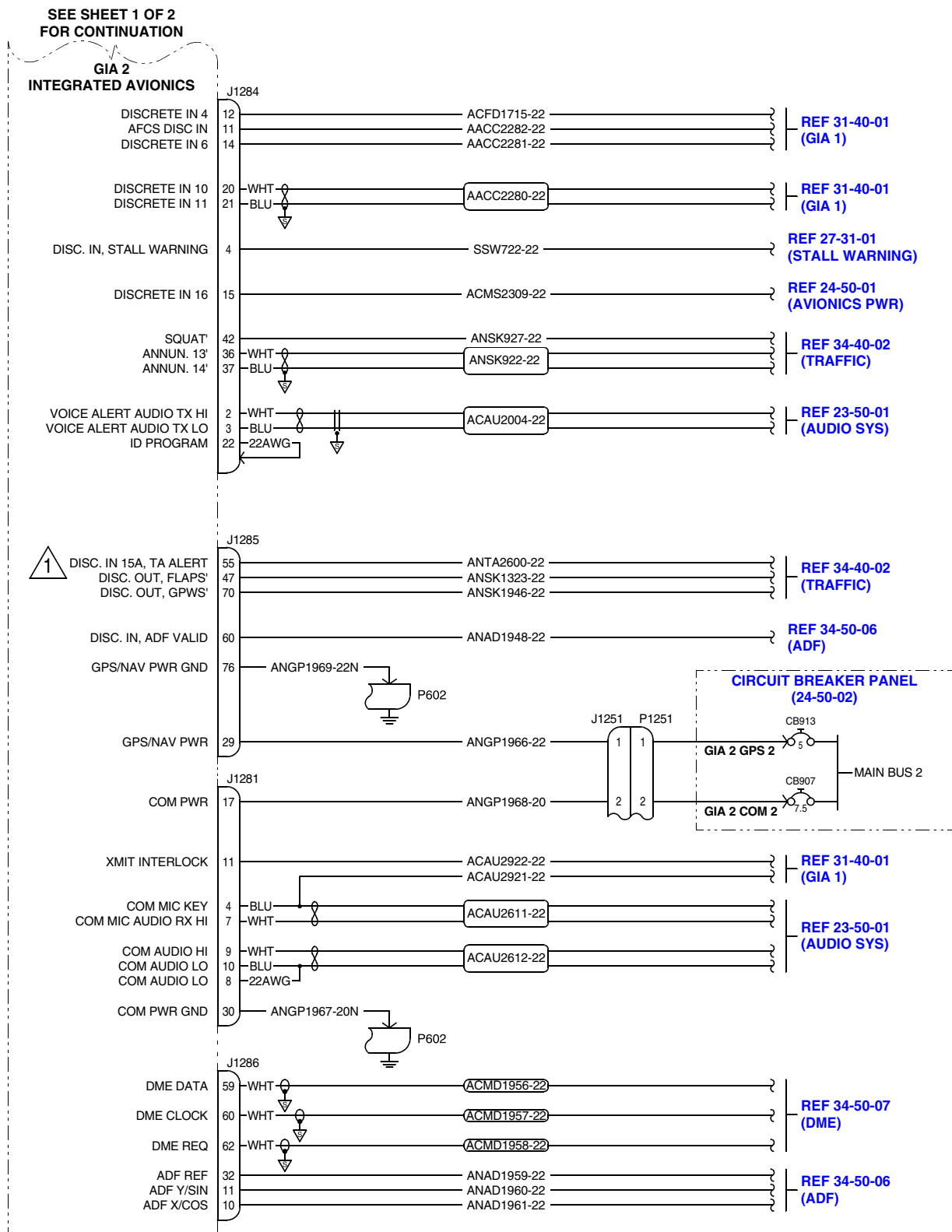
WM31622-07C

Figure-02**GIA 2 - Integrated Avionics - Serials 22-4046 & subs w/ Perspective, 22T-0690 & subs (1 of 2)**

EFFECTIVITY:
Serials 22-4046 & subs w/ Perspective, 22T-0690 & subs

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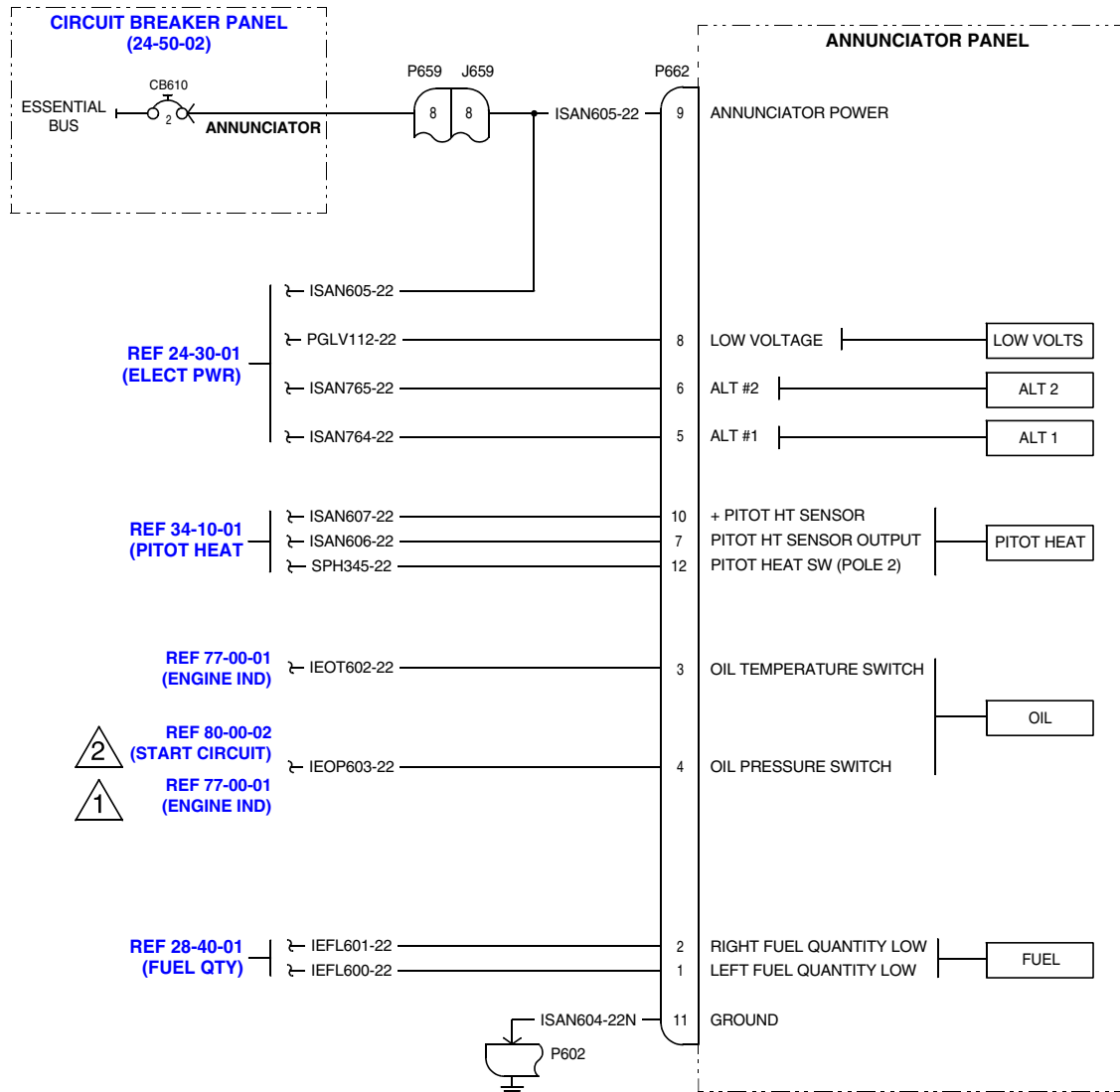


WM31622-08

Figure-02
GIA 2 - Integrated Avionics - Serials 22-4046 & subs w/ Perspective, 22T-0690 & subs (2 of 2)

EFFECTIVITY:
Serials 22-4046 & subs w/ Perspective, 22T-0690 & subs

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NOTES

Refer to 91-10-00 for connector and pin information.

1 Serials 22-0002 thru 22-0277.

2 Serials 22-0278 thru 22-1662, 22-0002 thru 22-0277 after SB 22-73-01.

WM14314_01D

Figure-01

Annunciator Panel - Serials 22-0002 thru 22-1601, 22-1603 thru 22-1643, 22-1645 thru 22-1662

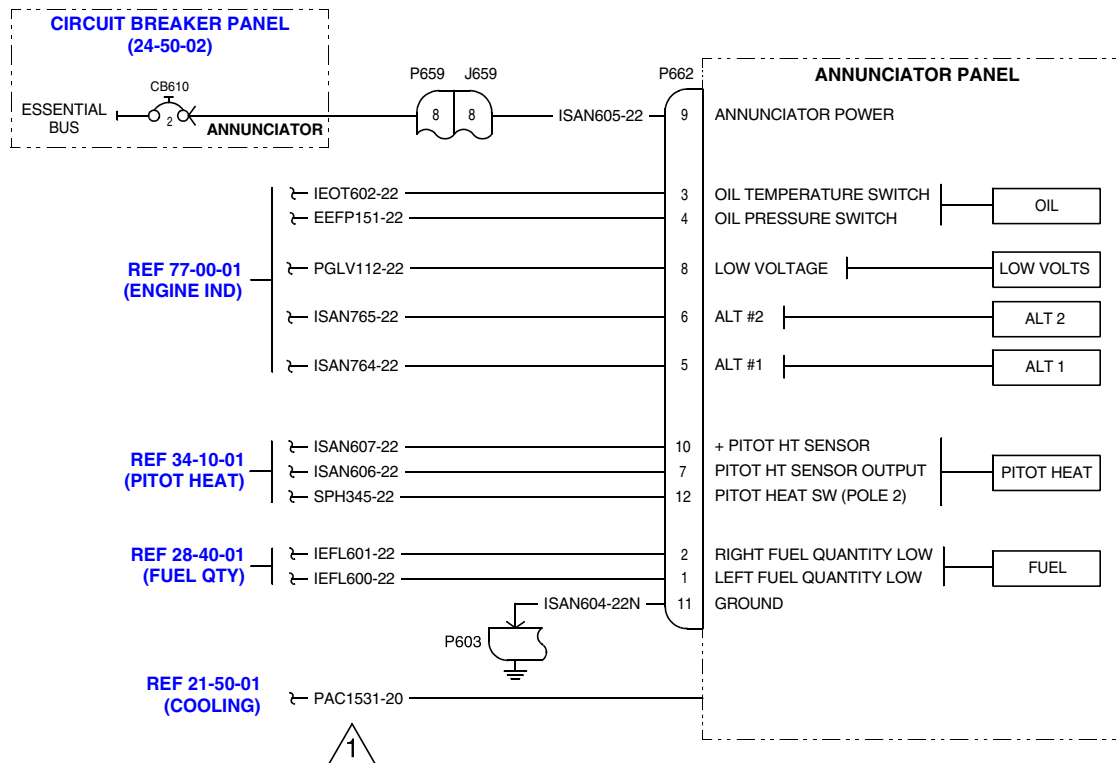
EFFECTIVITY:

Serials 22-0002 thru 22-1601, 22-1603 thru 22-1643,
22-1645 thru 22-1662

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NOTES

Refer to 91-10-00 for connector and pin information.

1 Serials 22-1602, 22-1840, 22-1863 & subs w/ Air Conditioning.

WM14314_02A

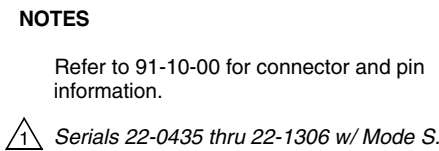
Figure-01

Annunciator Panel - Serials 22-1602, 22-1644, 22-1663 & subs

EFFECTIVITY:

Serials 22-1602, 22-1644, 22-1663 & subs

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EFFECTIVITY:
Serials 22-0435 thru 22-1306

SEE SHEET 1 of 2
FOR CONTINUATION

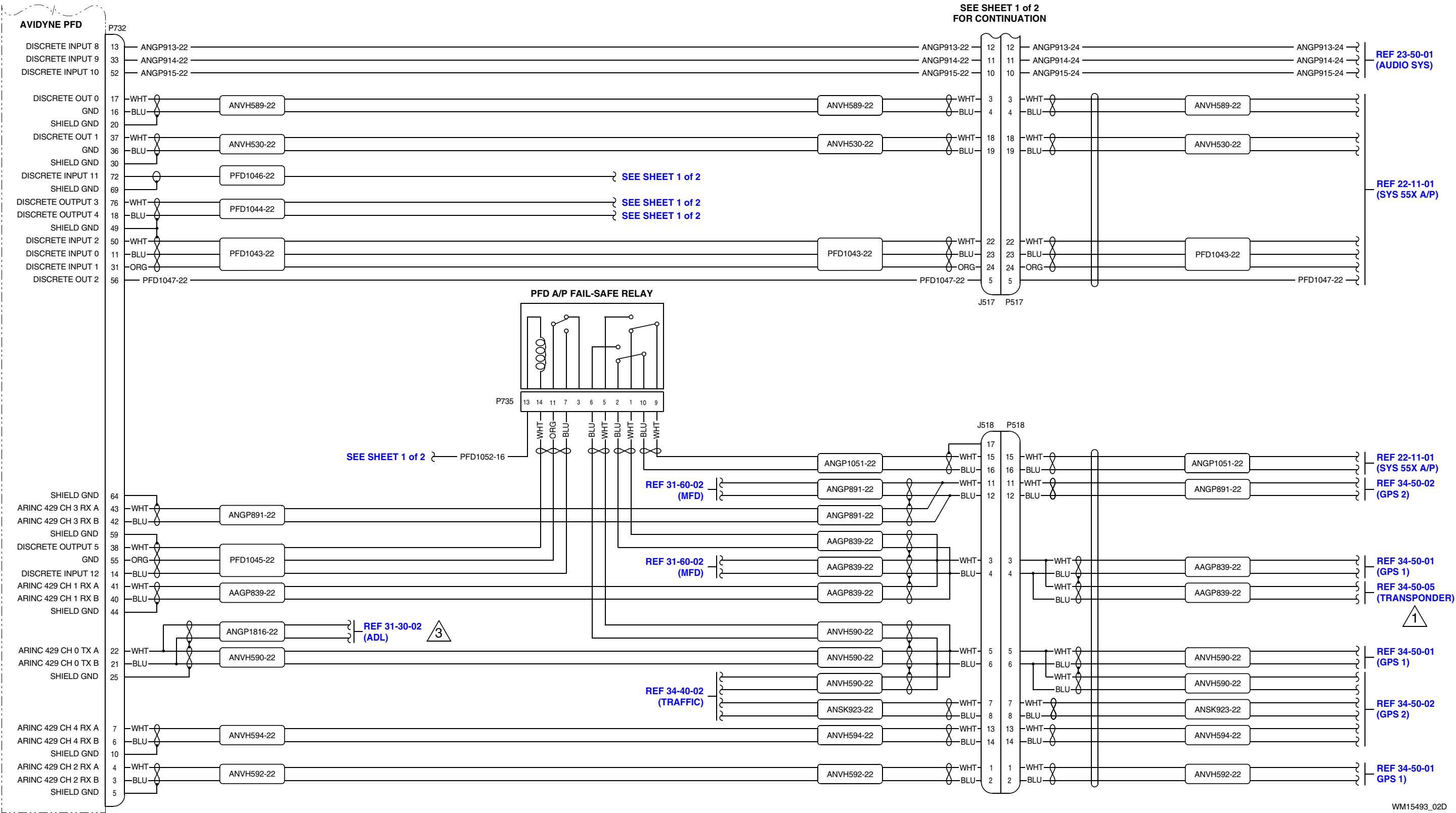
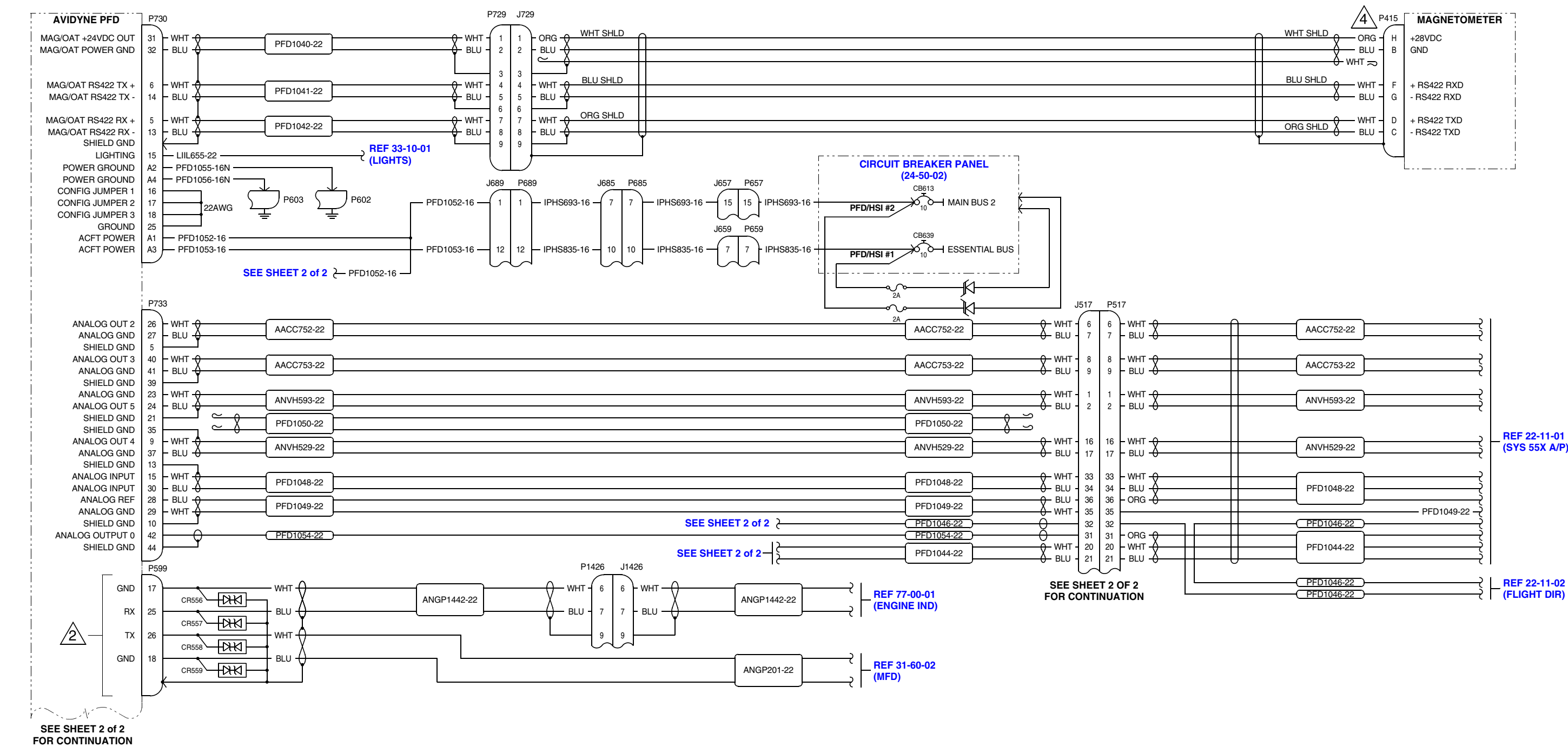


Figure-01

Primary Flight Display - Serials 22-0435 thru 22-1306 (2 of 2)

EFFECTIVITY:
Serials 22-0435 thru 22-1306



NOTES

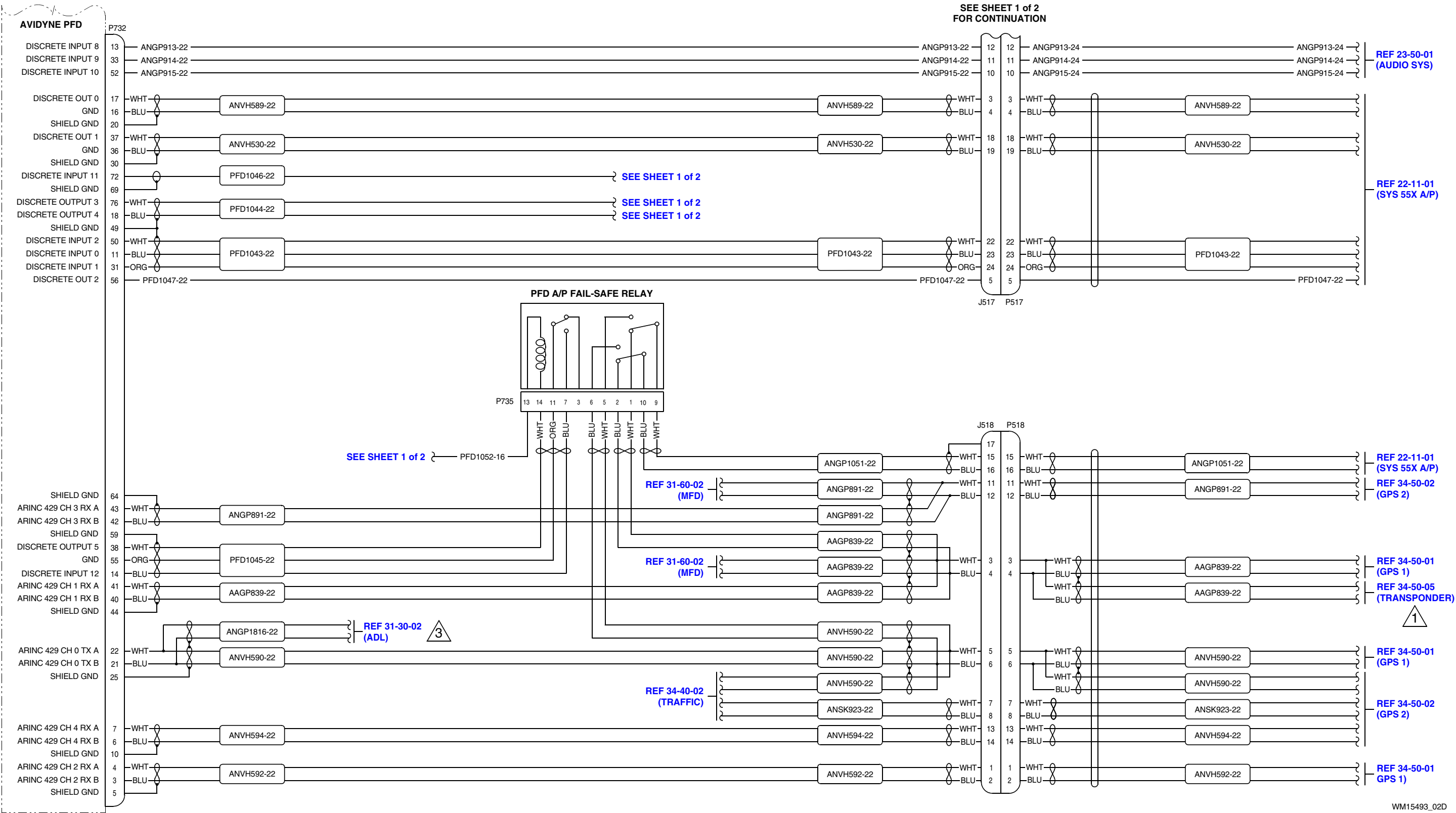
- Refer to 91-10-00 for connector and pin information.
- 1 Serials 22-0435 & subs w/ Mode S.
 - 2 Serials 22-1644, 22-1663 & subs only.
 - 3 Serials 22-2334, 22-2420 & subs only.
 - 4 Serials 22-1307 thru 22-2333, 22-2335 thru 22-2419, 22-2421 thru 22-2437: Connector is labeled P734.

Figure-01

Primary Flight Display - Serials 22-1307 & subs w/o Perspective (1 of 2)

EFFECTIVITY:
Serials 22-1307 & subs w/o Perspective

SEE SHEET 1 of 2
FOR CONTINUATION

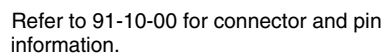


WM15493_02D

Figure-01

Primary Flight Display - Serials 22-1307 & subs w/o Perspective (2 of 2)

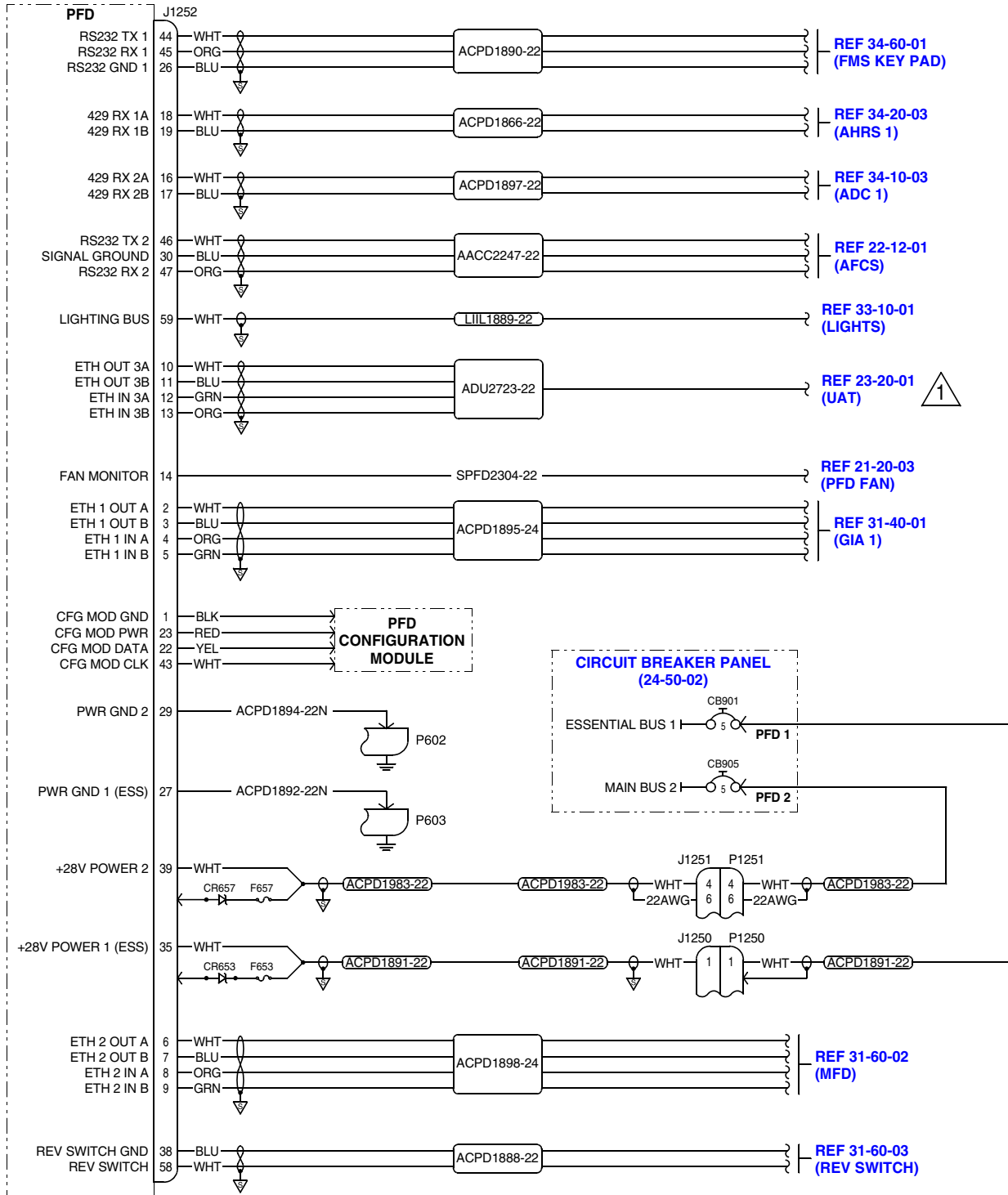
EFFECTIVITY:
Serials 22-1307 & subs w/o Perspective



Primary Flight Display - Serials 22-3026 thru 22-3664 w/ Perspective, 22T-0001 thru 22T-0003

EFFECTIVITY:
Serials 22-3026 thru 22-3664 w/ Perspective, 22T-0001 thru 22T-0003

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NOTES

Refer to 91-10-00 for connector and pin information.

1 Serials 22-4300 & subs, 22T-1233 & subs.

WM26680_04B

Figure-01

Primary Flight Display - Serials 22-3665 & subs w/ Perspective, 22T-0004 & subs

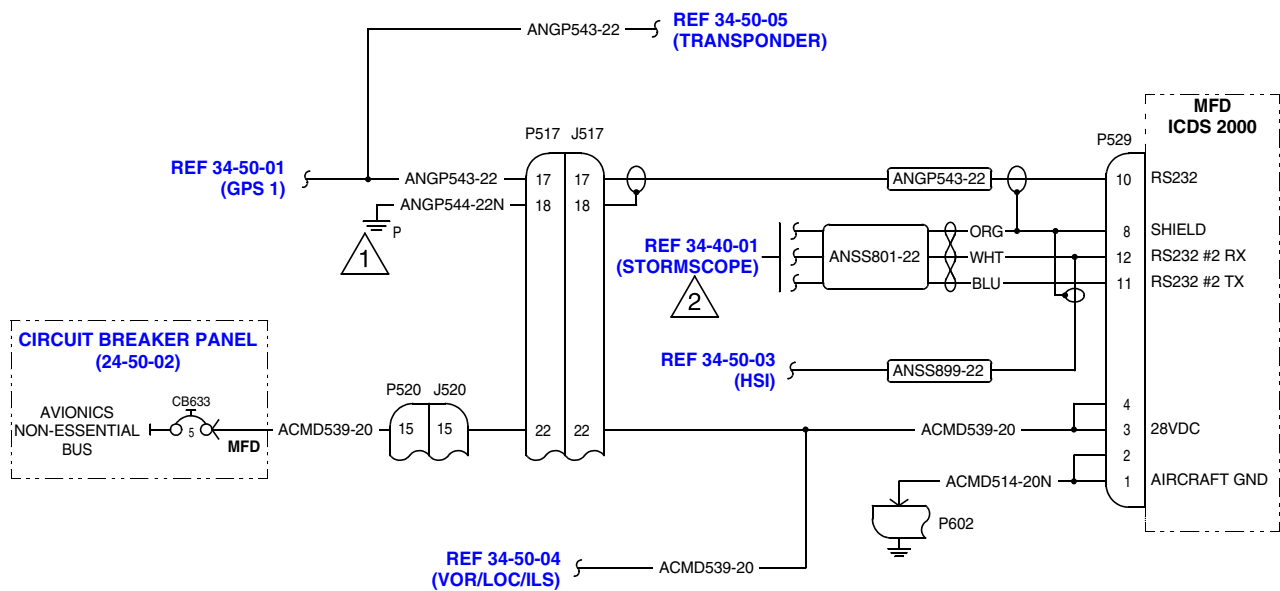
EFFECTIVITY:

Serials 22-3665 & subs w/ Perspective, 22T-0004 & subs

31-60-01

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NOTES

Refer to 91-10-00 for connector and pin information.

1 Power grounds (labeled "P") are spliced into P518 Pin A1.

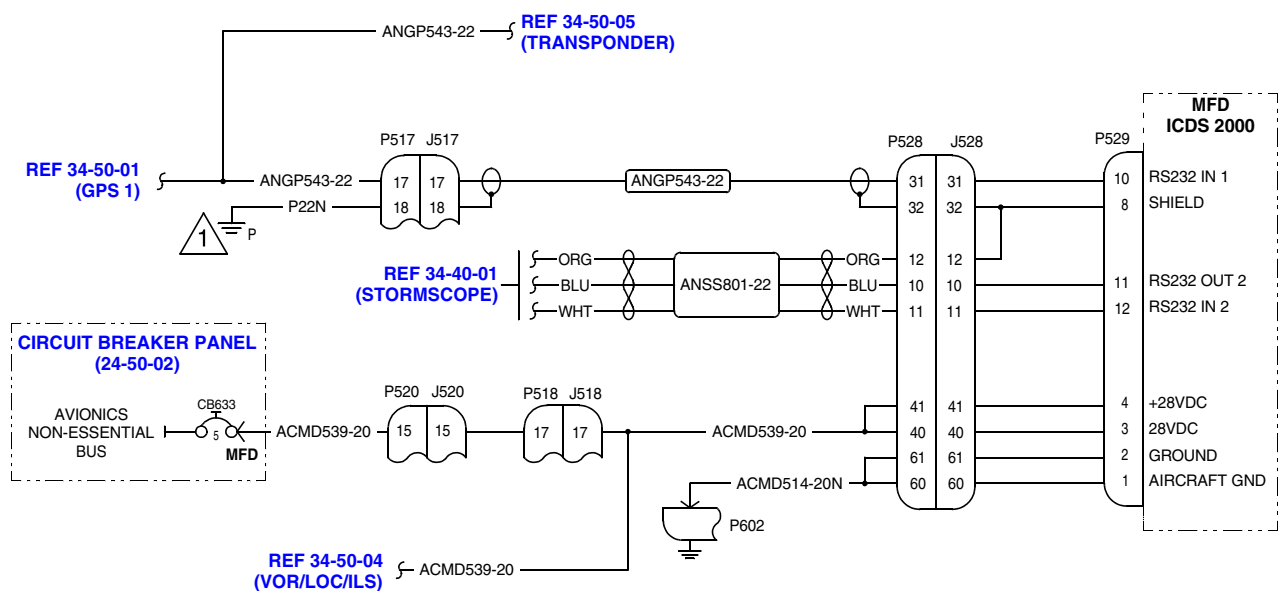
2 Airplanes with Stormscope only.

WM14318-01A

Figure-02
Multifunction Display - Serials 22-0002 thru 22-0141 w/ Arnav MFD

EFFECTIVITY:
Serials 22-0002 thru 22-0141 w/ Arnav MFD

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NOTES

Refer to 91-10-00 for connector and pin information.

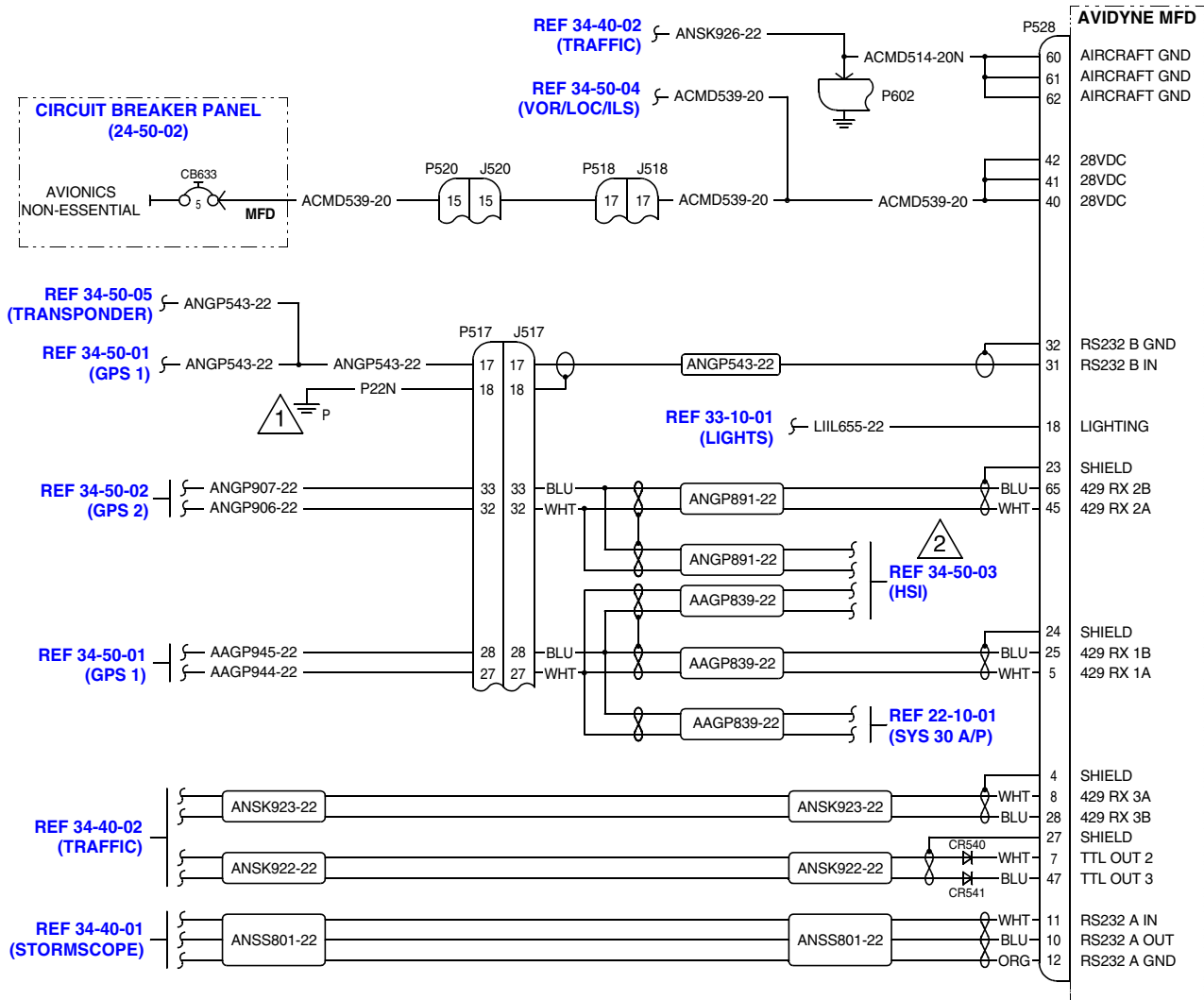
1 Power grounds (labeled "P") are spliced into P518 Pin A1.

WM14758-10

Figure-02
Multifunction Display - Serials 22-0142 thru 22-0434 w/ Arnav MFD

EFFECTIVITY:
Serials 22-0142 thru 22-0434 w/ Arnav MFD

31-60-02
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NOTES

Refer to 91-10-00 for connector and pin information.

1 Power grounds (labeled "P") are spliced into P518 Pin A1.

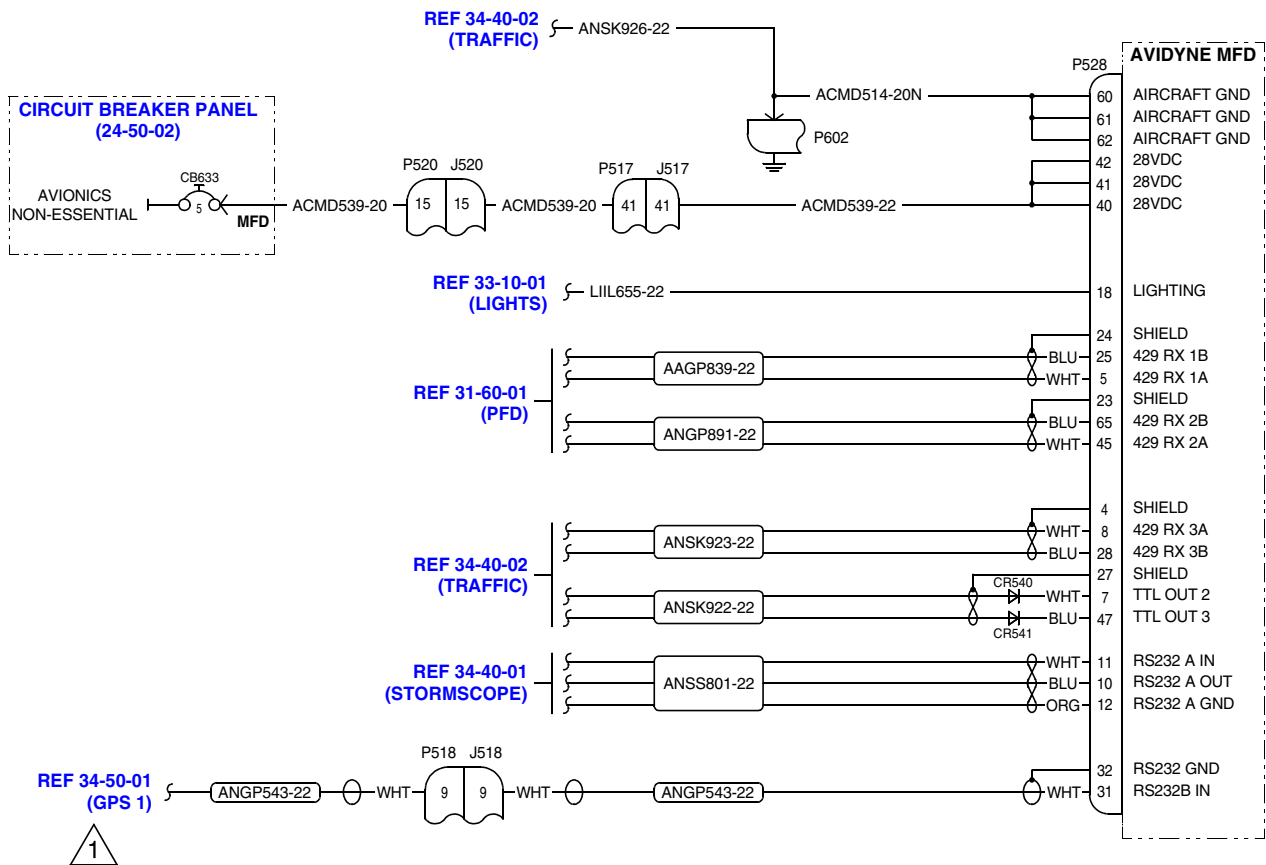
2 Airplanes with Sandel HSI only.

WM14758-11

Figure-02
Multifunction Display - Serials 22-0142 thru 22-0434

EFFECTIVITY:
Serials 22-0142 thru 22-0434

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NOTES

Refer to 91-10-00 for connector and pin information.

1 Serials 22-0706 thru 22-1035 only.

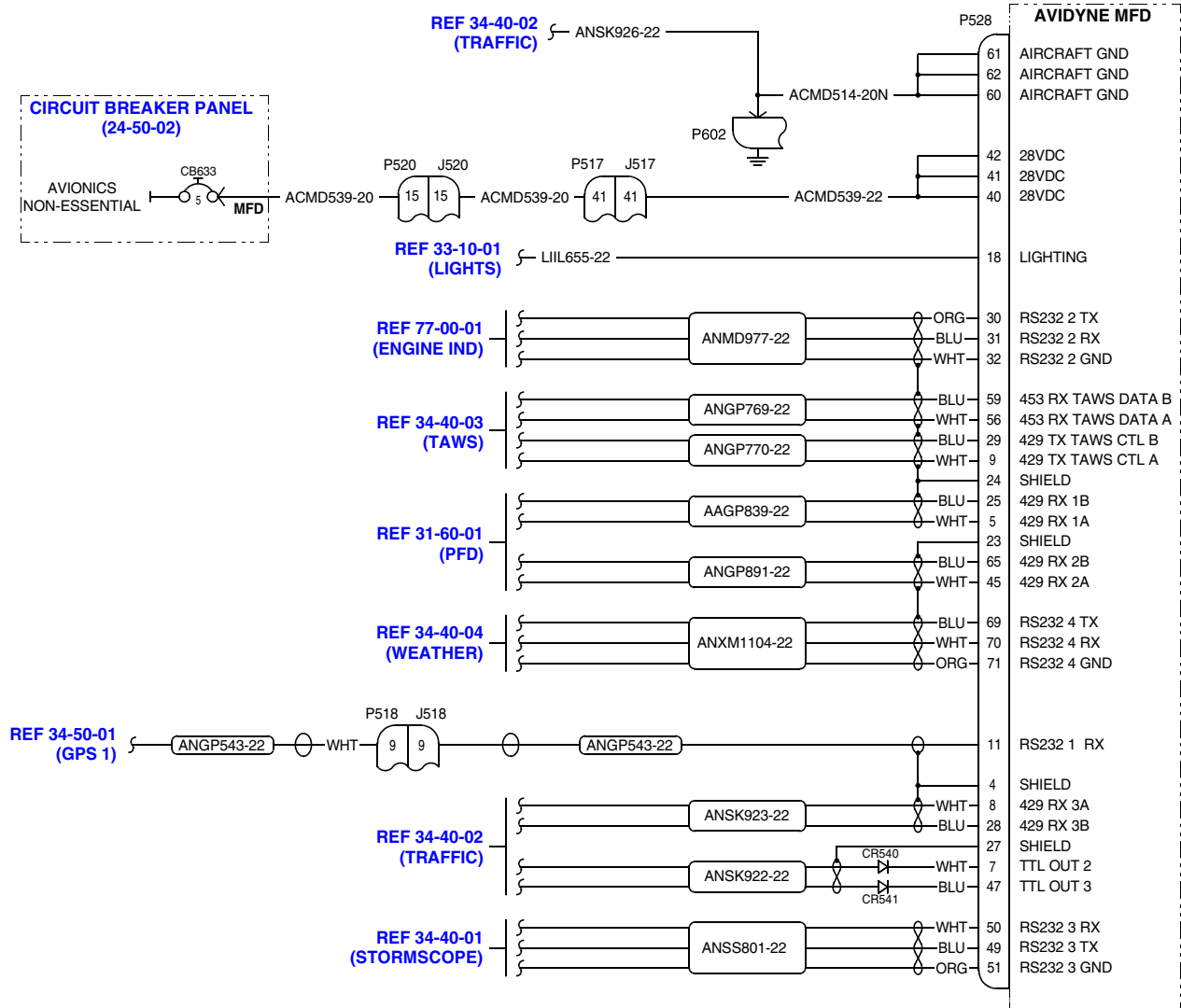
WM15390-08A

Figure-02
Multifunction Display - Serials 22-0435 thru 22-1035

EFFECTIVITY:
Serials 22-0435 thru 22-1035

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NOTES

Refer to 91-10-00 for connector and pin information.

WM16057-01

Figure-02

Multifunction Display - Serials 22-1087 thru 22-1601, 22-1603 thru 22-1643, 22-1645 thru 22-1662

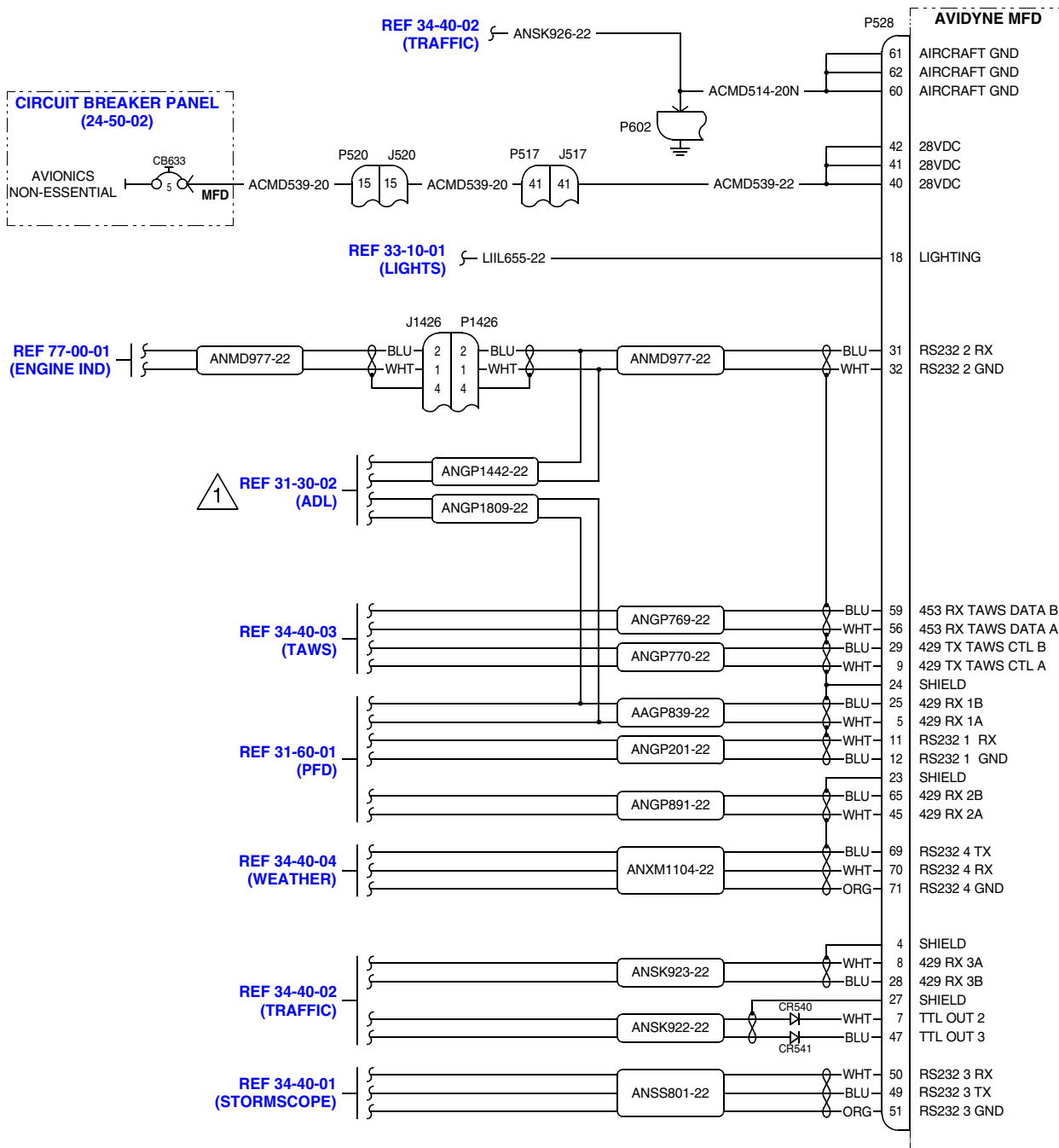
EFFECTIVITY:

Serials 22-1087 thru 22-1601, 22-1603 thru 22-1643, 22-1645 thru 22-1662

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NOTES

Refer to 91-10-00 for connector and pin information.

1 Serials 22-2334, 22-2420, 22-2438 & subs.

WM16702-02A

Figure-02

Multifunction Display - Serials 22-1602, 22-1644, 22-1663 & subs w/o Perspective

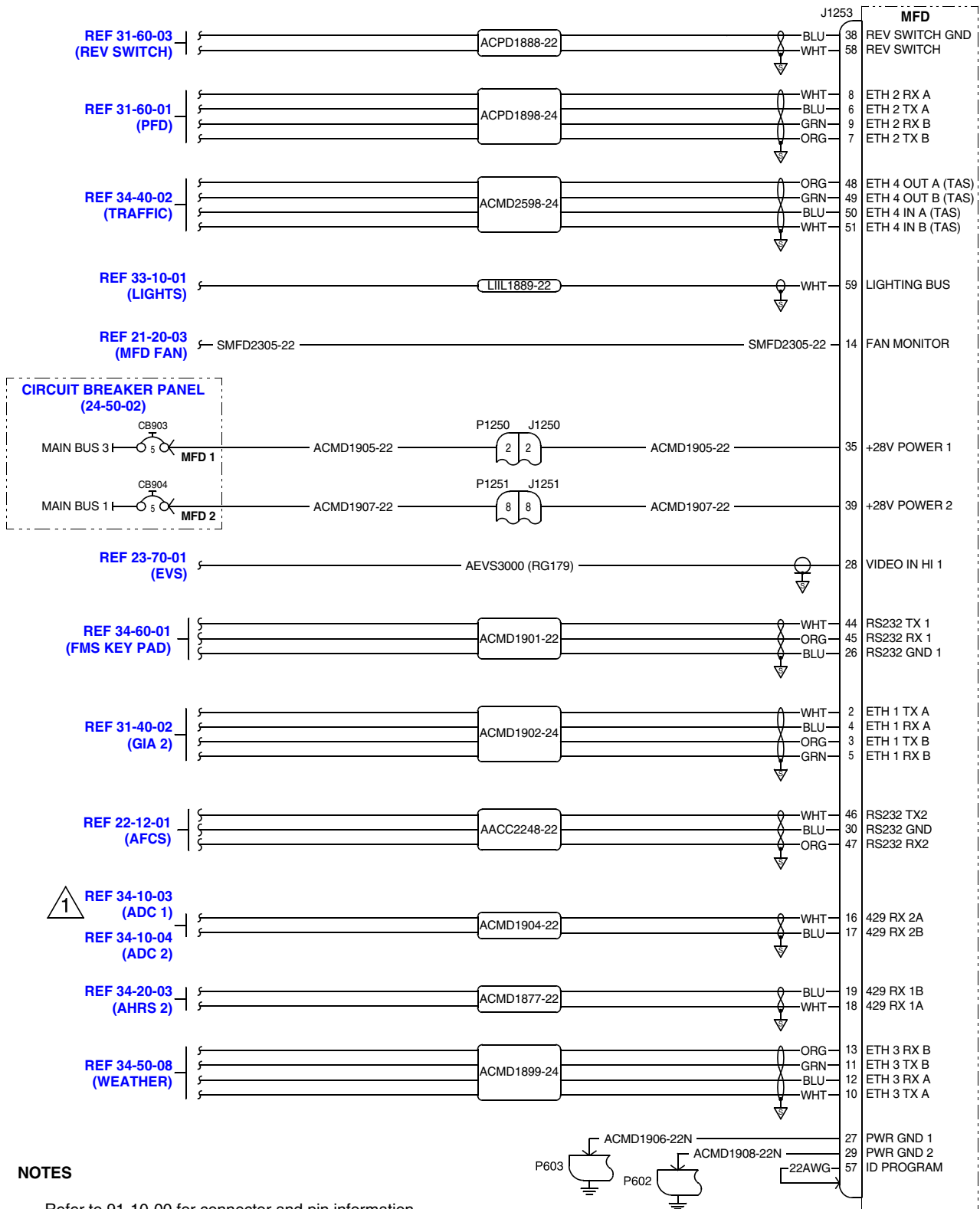
EFFECTIVITY:

Serials 22-1602, 22-1644, 22-1663 & subs w/o Perspective

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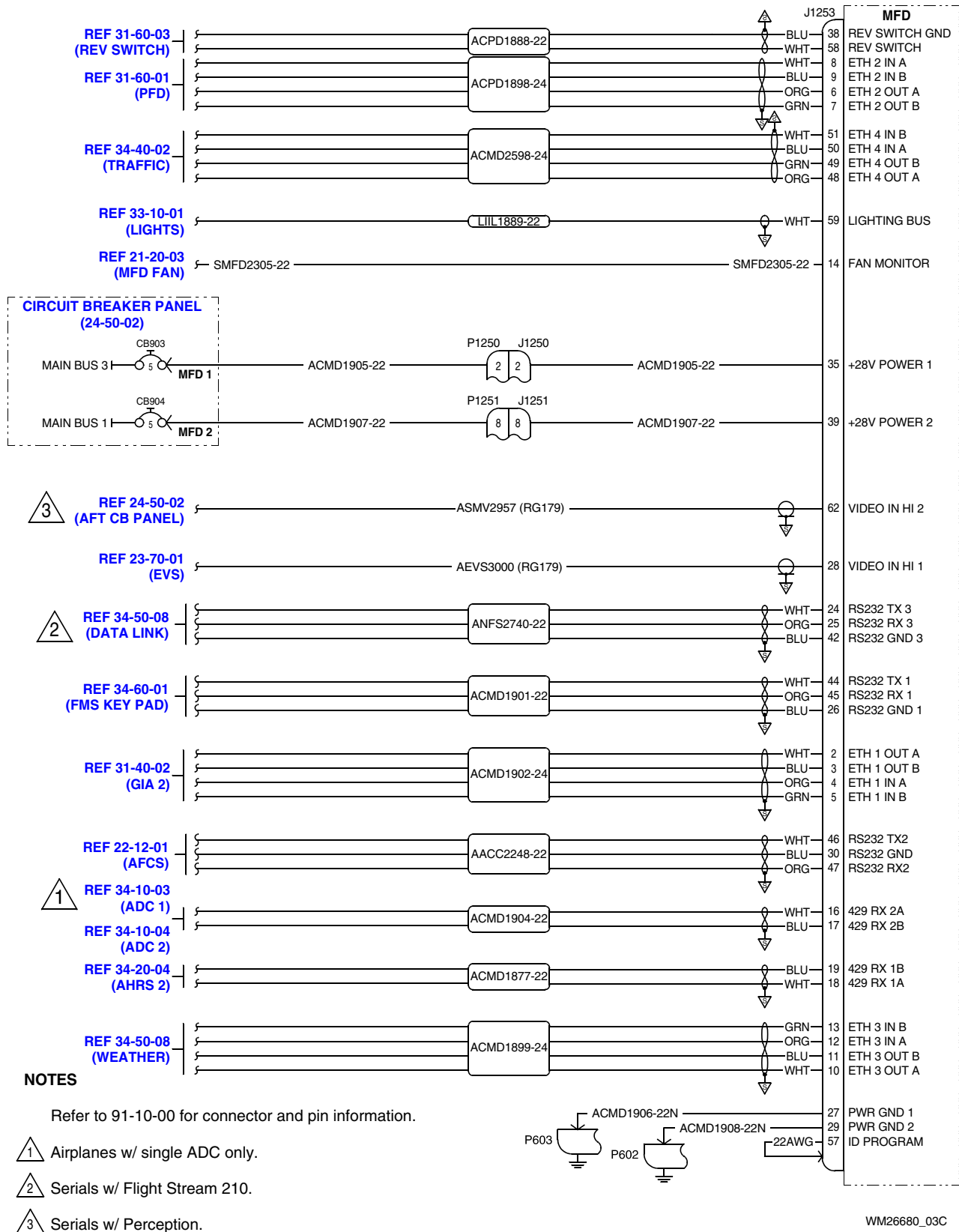


WM24570_02C

Figure-02
Multifunction Display - Serials 22-3026 thru 22-3664 w/ Perspective, 22T-0001 thru 22T-0003

EFFECTIVITY:
Serials 22-3026 thru 22-3664 w/ Perspective, 22T-0001 thru 22T-0003

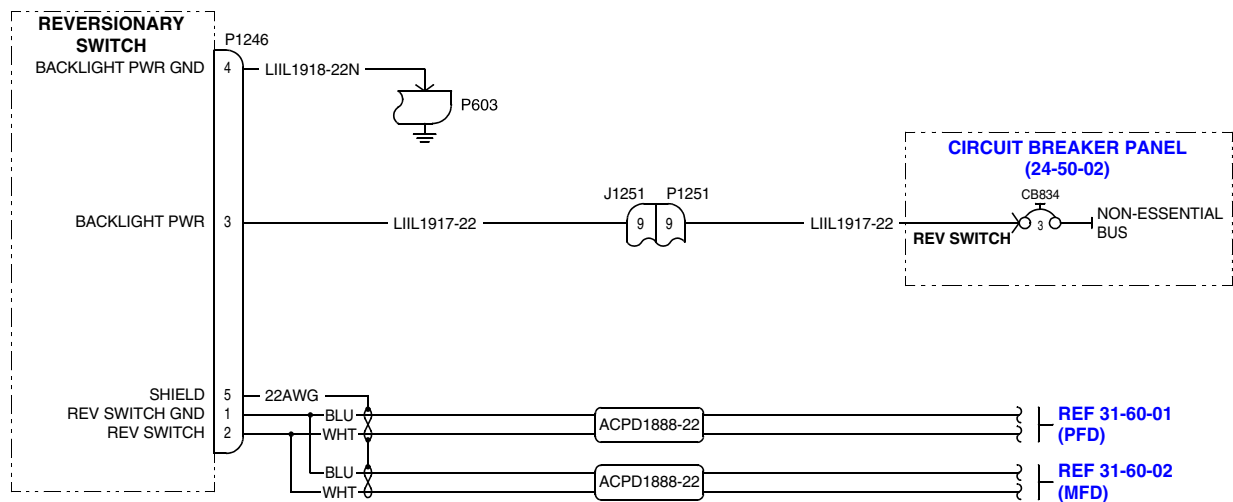
31-60-02
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WM26680_03C

Figure-02
Multifunction Display - Serials 22-3665 & subs w/ Perspective, 22T-0004 & subs

EFFECTIVITY:
 Serials 22-3665 & subs w/ Perspective, 22T-0004 & subs



NOTES

Refer to 91-10-00 for connector and pin information.

WM24570_08A

Figure-03
Reversionary Switch - Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

EFFECTIVITY:
Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

31-60-03
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CHAPTER

32

LANDING GEAR

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CHAPTER 32 - LANDING GEAR

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32-TOC	2	31 MAY 2011
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32-42-01	2	31 MAY 2011
32-42-02	1	31 MAY 2011

EFFECTIVITY:
All

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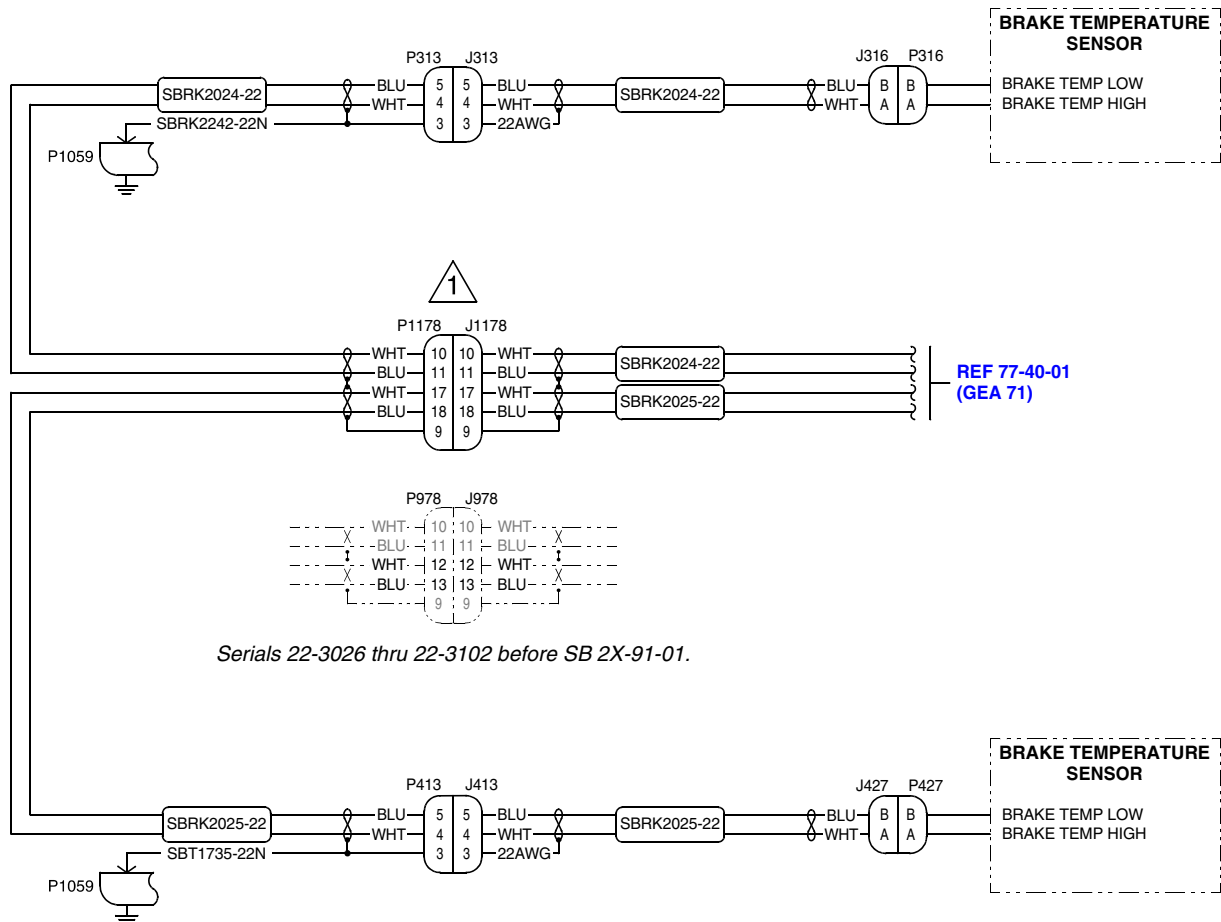
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Brake Temperature Sensor - Serials 22-3403 & subs, 22T-0001 & subs w/ FIKI	32-42-01
Parking Brake Switch - Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs	32-42-02

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**NOTES**

Refer to 91-10-00 for connector and pin information.

- 1** Serials 22-3026 thru 22-3102 before SB 2X-91-01:
Connector is labeled J978, and P978.

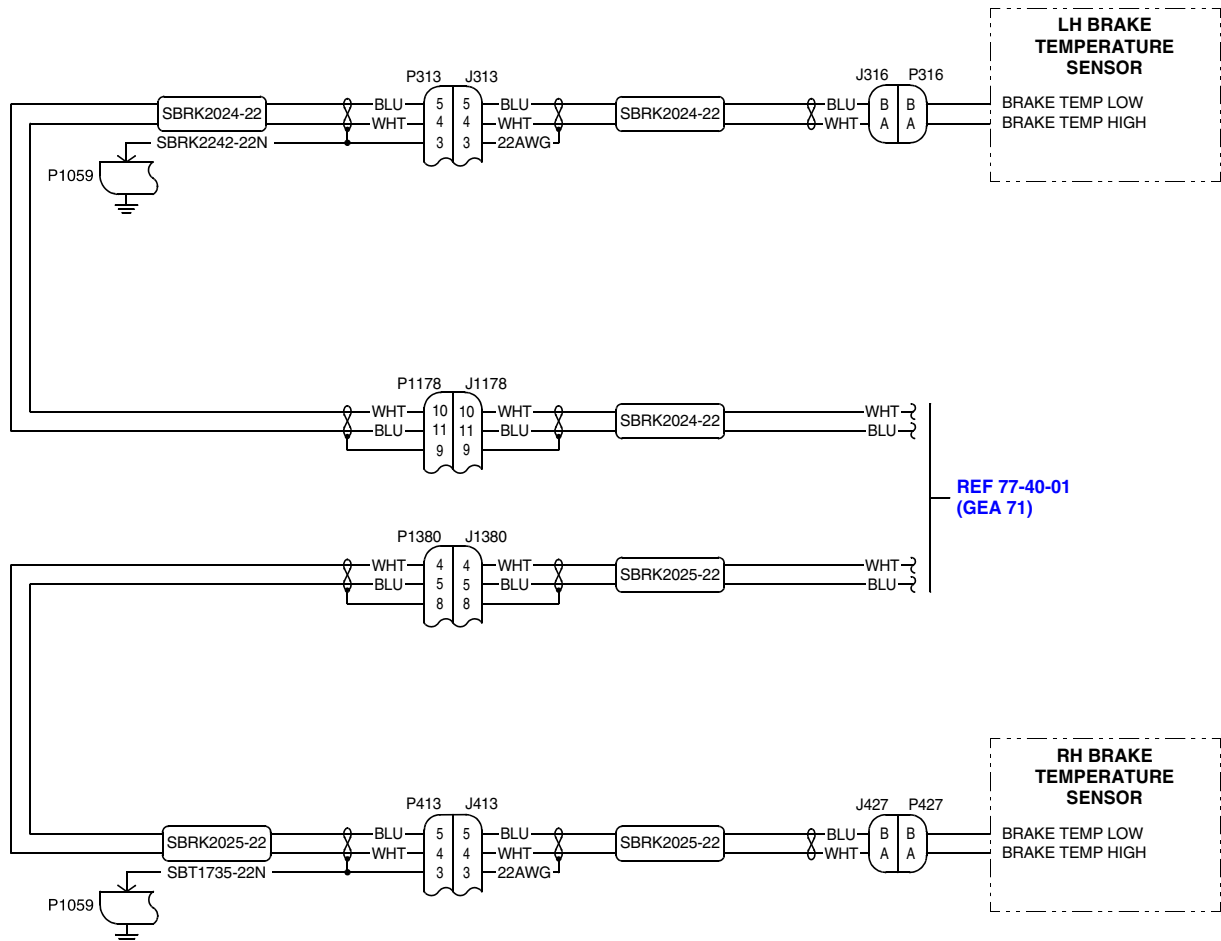
WM24562_26A

Figure-01

Brake Temperature Sensor - Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

EFFECTIVITY:
Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

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NOTES

Refer to 91-10-00 for connector and pin information.

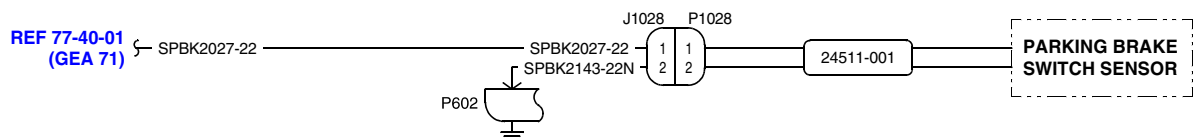
WM24916_03

Figure-01

Brake Temperature Sensor - Serials 22-3403 & subs, 22T-0001 & subs w/ FIKI

EFFECTIVITY:
Serials 22-3403 & subs, 22T-0001 & subs w/ FIKI

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NOTES

Refer to 91-10-00 for connector and pin information.

WM24630_12

Figure-02
Parking Brake Switch - Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

EFFECTIVITY:
Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

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CHAPTER

33

LIGHTS

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CHAPTER 33 - LIGHTS

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33-TOC	2	15 DEC 2014
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33-40	11	19 SEP 2017
33-40	12	01 FEB 2013
33-40	13	01 JAN 2016
33-40	14	01 JAN 2016
33-40	15	01 JAN 2016
33-40	16	04 SEP 2018

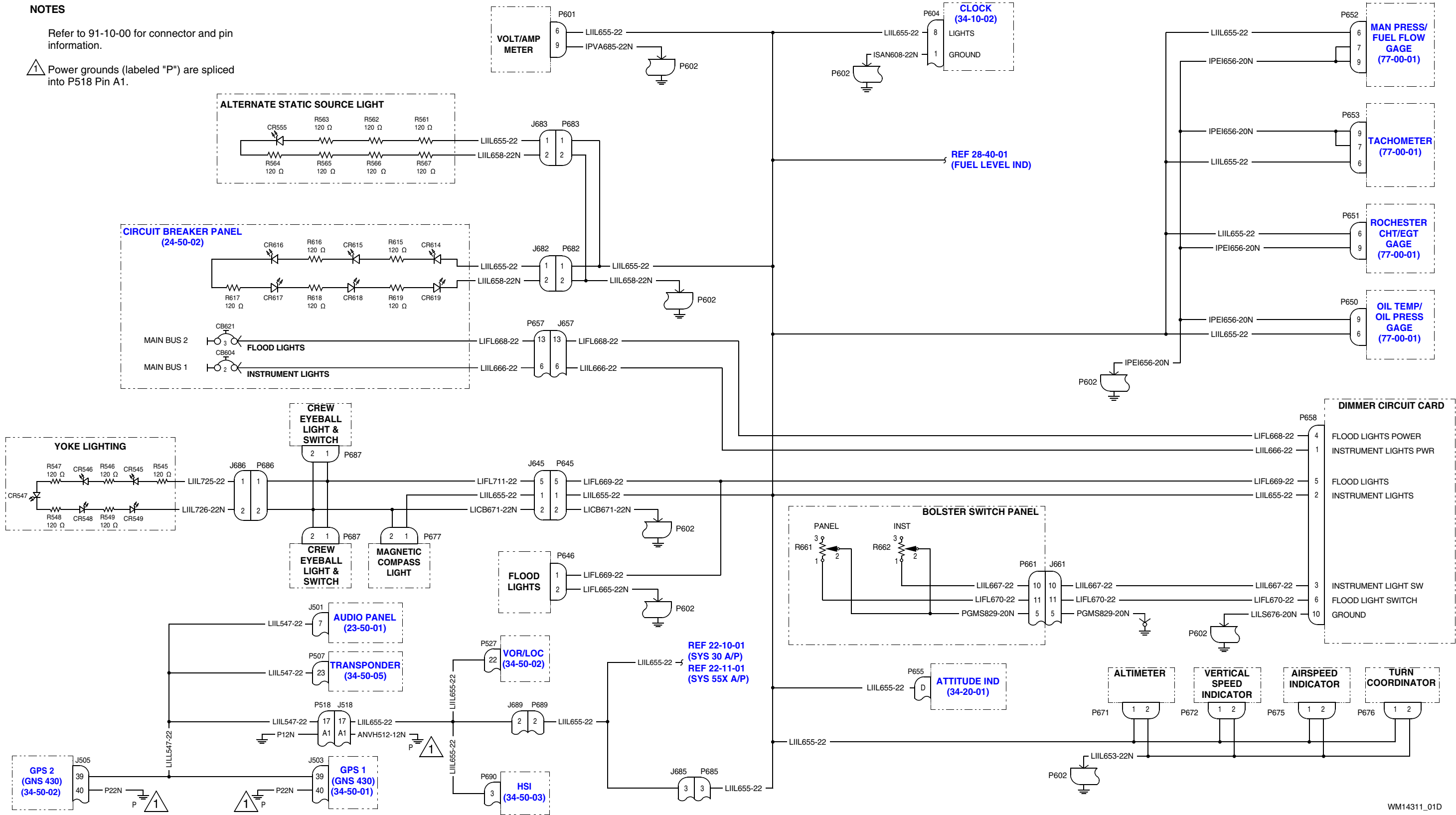
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CHAPTER 33 - LIGHTS

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Flight Compartment - Serials 22-0142 thru 22-0168	33-10-01
Flight Compartment - Serials 22-0169 thru 22-0434	33-10-01
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Exterior - Serials 22-0498 thru 22-1601, 22-1603 thru 22-1643, 22-1645 thru 22-1662	33-40-01
Exterior - Serials 22-1602, 22-1644, 22-1663 thru 22-2437	33-40-01
Exterior - Serials 22-2438 & subs w/o Perspective	33-40-01
Exterior - Serials 22-3026 thru 22-3660 w/ Perspective, w/o FIKI	33-40-01
Exterior - Serials 22-3661 thru 22-3848 w/ Perspective, 22T-0001 thru 22T-0318 w/o FIKI	33-40-01
Exterior - Serials 22-3849 & subs w/ Perspective, 22T-0319 & subs w/o FIKI	33-40-01
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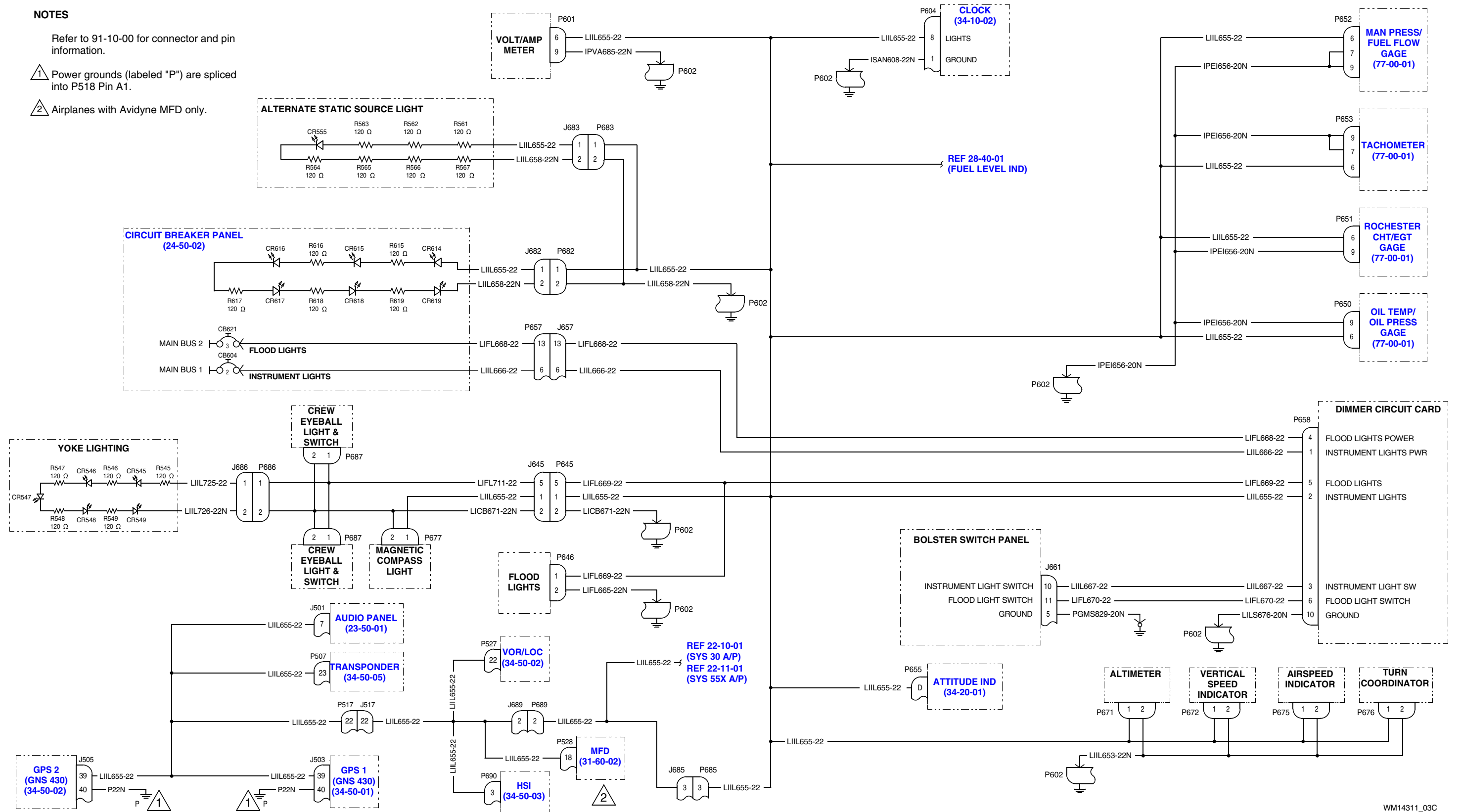
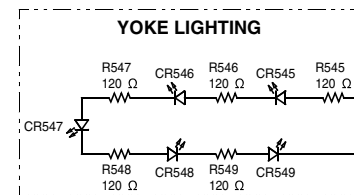
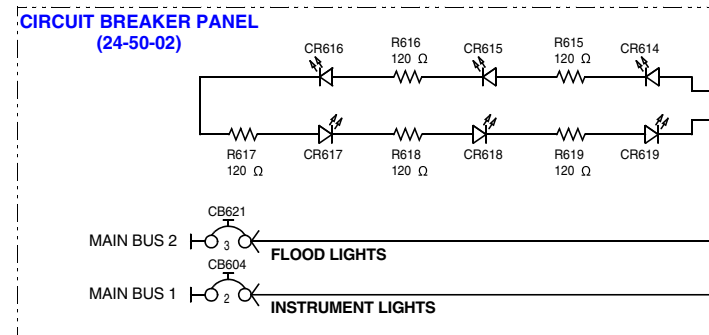
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EFFECTIVITY:
Serials 22-0002 thru 22-0141

Refer to 91-10-00 for connector and pin information.

- ### ALTERNATE STATIC SOURCE LIGHT
-
- CR555
- R563
120 Ω
- R562
120 Ω
- R561
120 Ω
- R564
120 Ω
- R565
120 Ω
- R566
120 Ω
- R567
120 Ω



Flight Compartment - Serials 22-0142 thru 22-0168

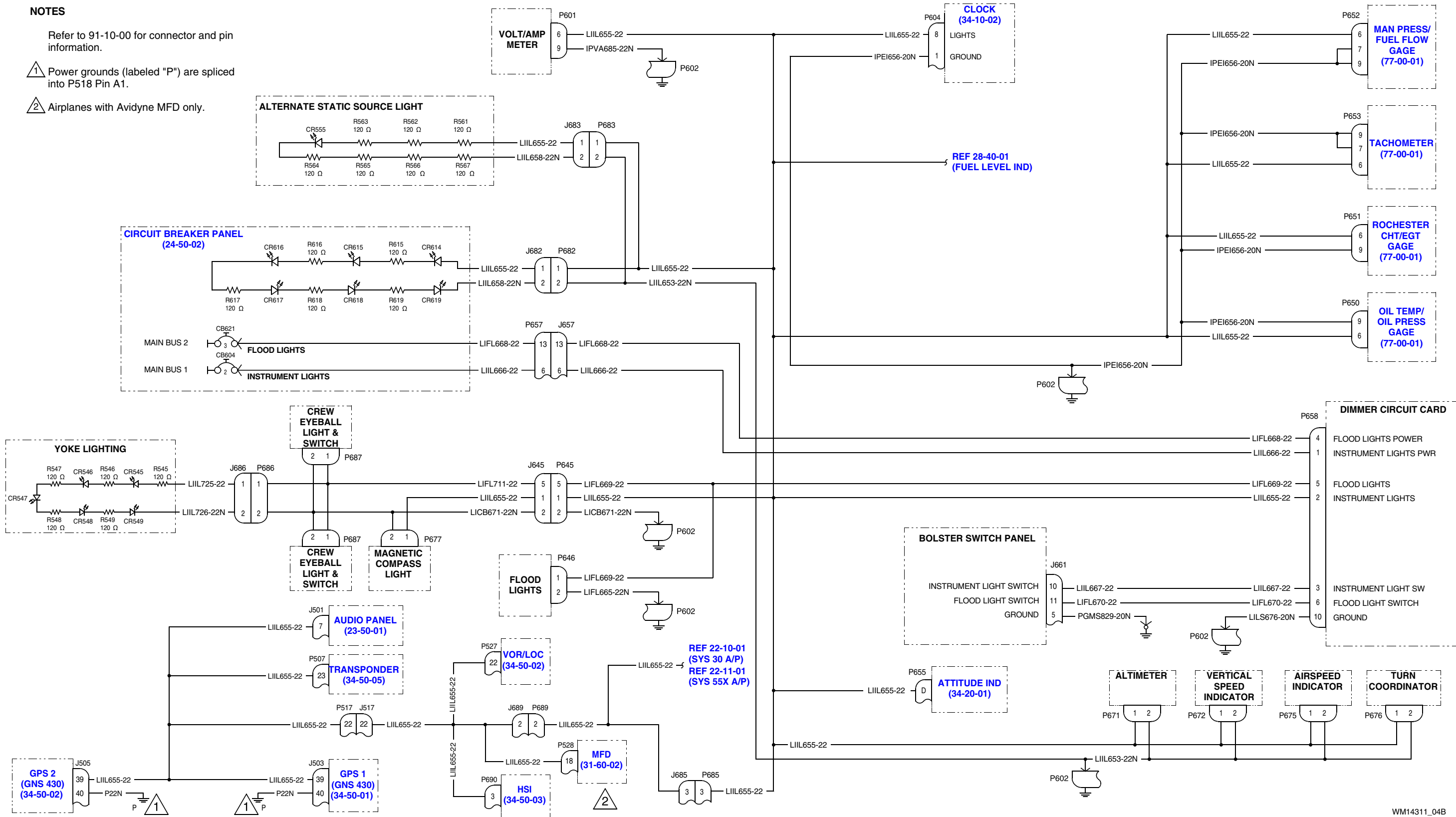
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NOTES

Refer to 91-10-00 for connector and pin information.

1 Power grounds (labeled "P") are spliced into P518 Pin A1.

2 Airplanes with Avidyne MFD only.

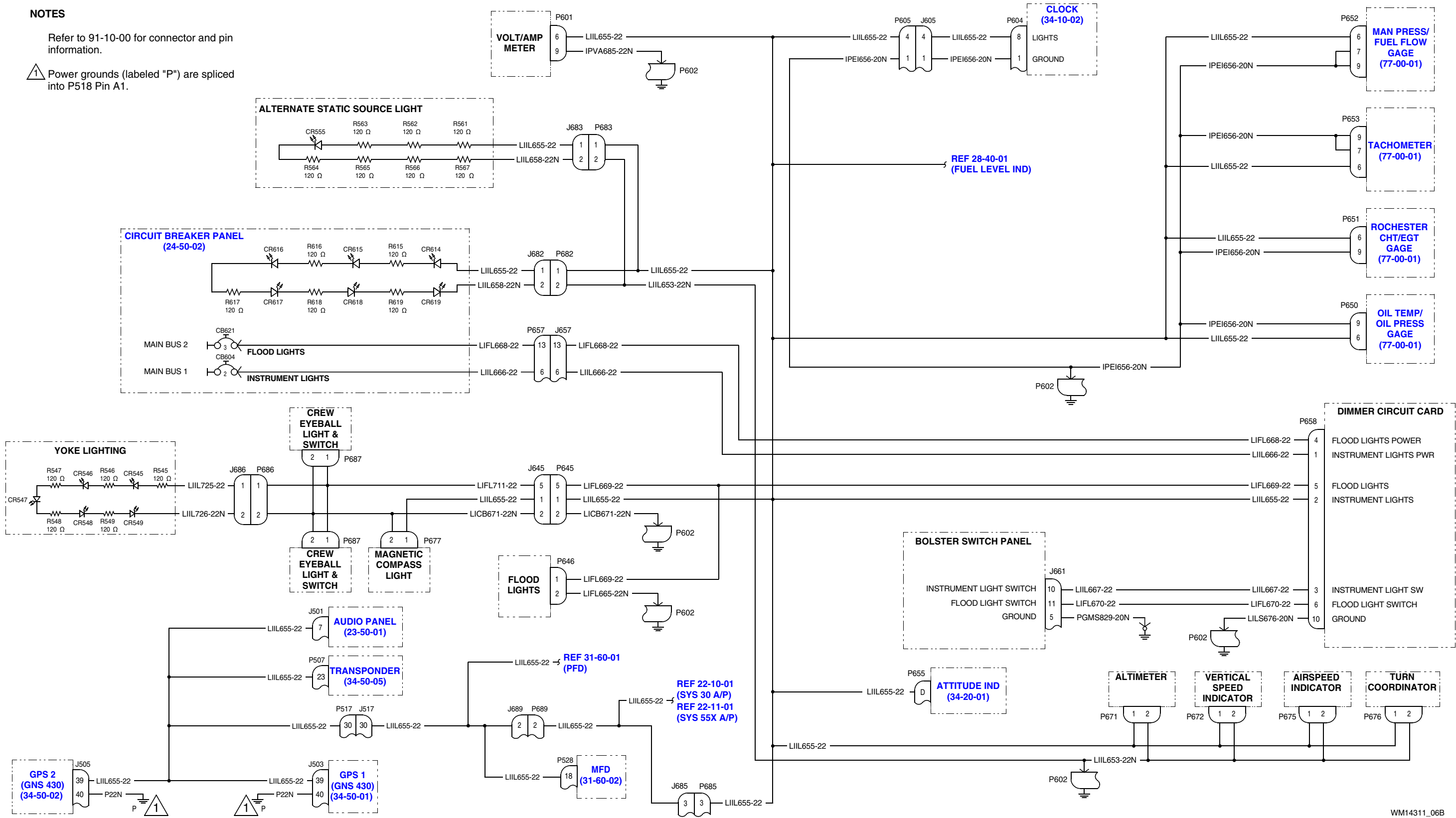


WM14311_04B

Figure-01

Flight Compartment - Serials 22-0169 thru 22-0434

EFFECTIVITY:
Serials 22-0169 thru 22-0434



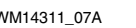
EFFECTIVITY:

Serials 22-0435 thru 22-1601, 22-1603 thru 22-1643,
22-1645 thru 22-1662

Refer to 91-10-00 for connector and pin information.

 Power grounds (labeled "P") are spliced into P518 Pin A1.

 Serials 22-2334, 22-2420, 22-2438 & subs.



EFFECTIVITY:
Serials 22-1602, 22-1644, 22-1663 & subs w/o Perspective



Flight Compartment - Serials 22-3446 & subs, 22T-0001 & subs w/ Sys 55 AP

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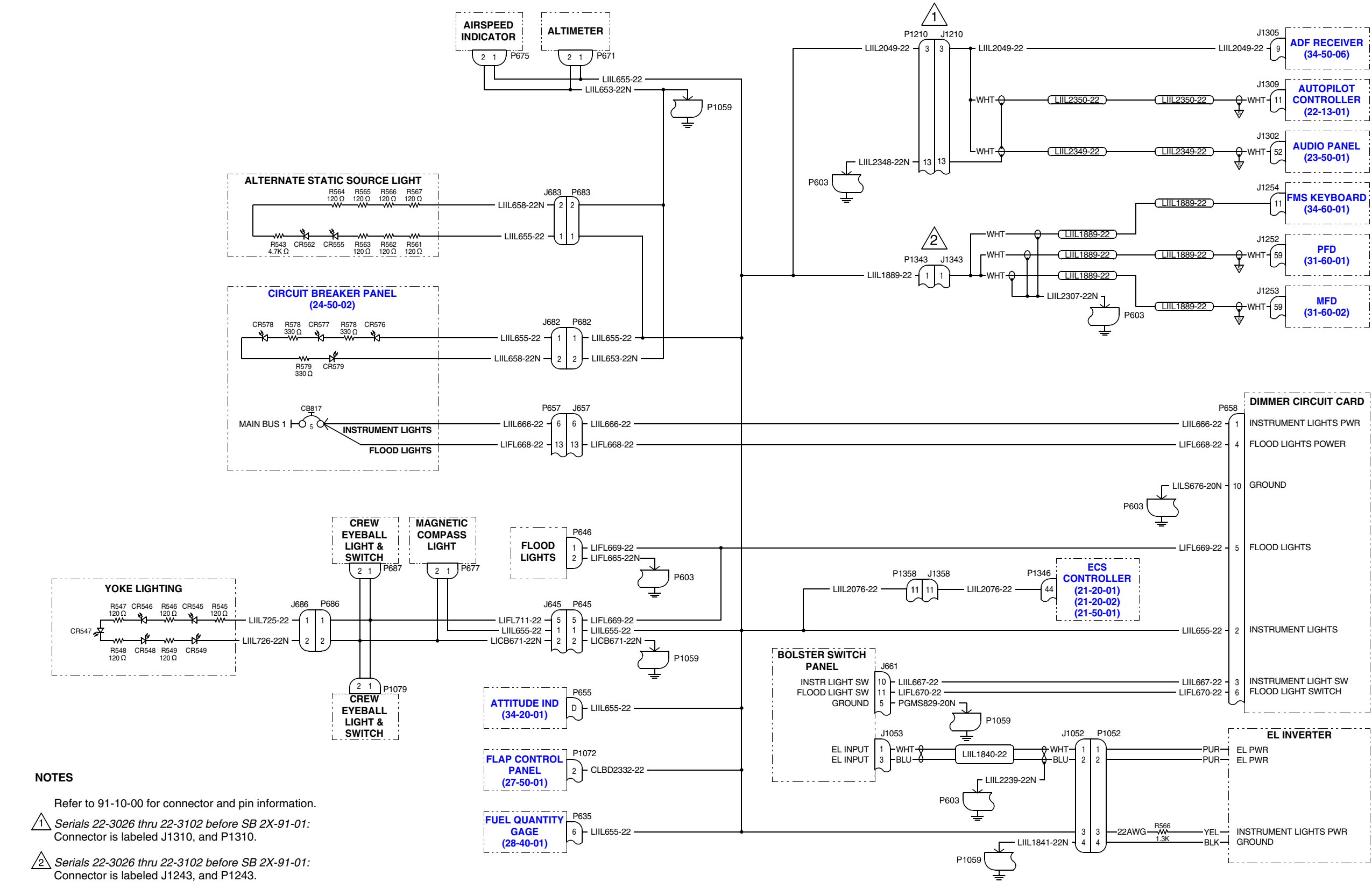


Figure-01

Flight Compartment - Serials 22-3026 thru 22-3402 w/ Perspective

EFFECTIVITY:
Serials 22-3026 thru 22-3402 w/ Perspective

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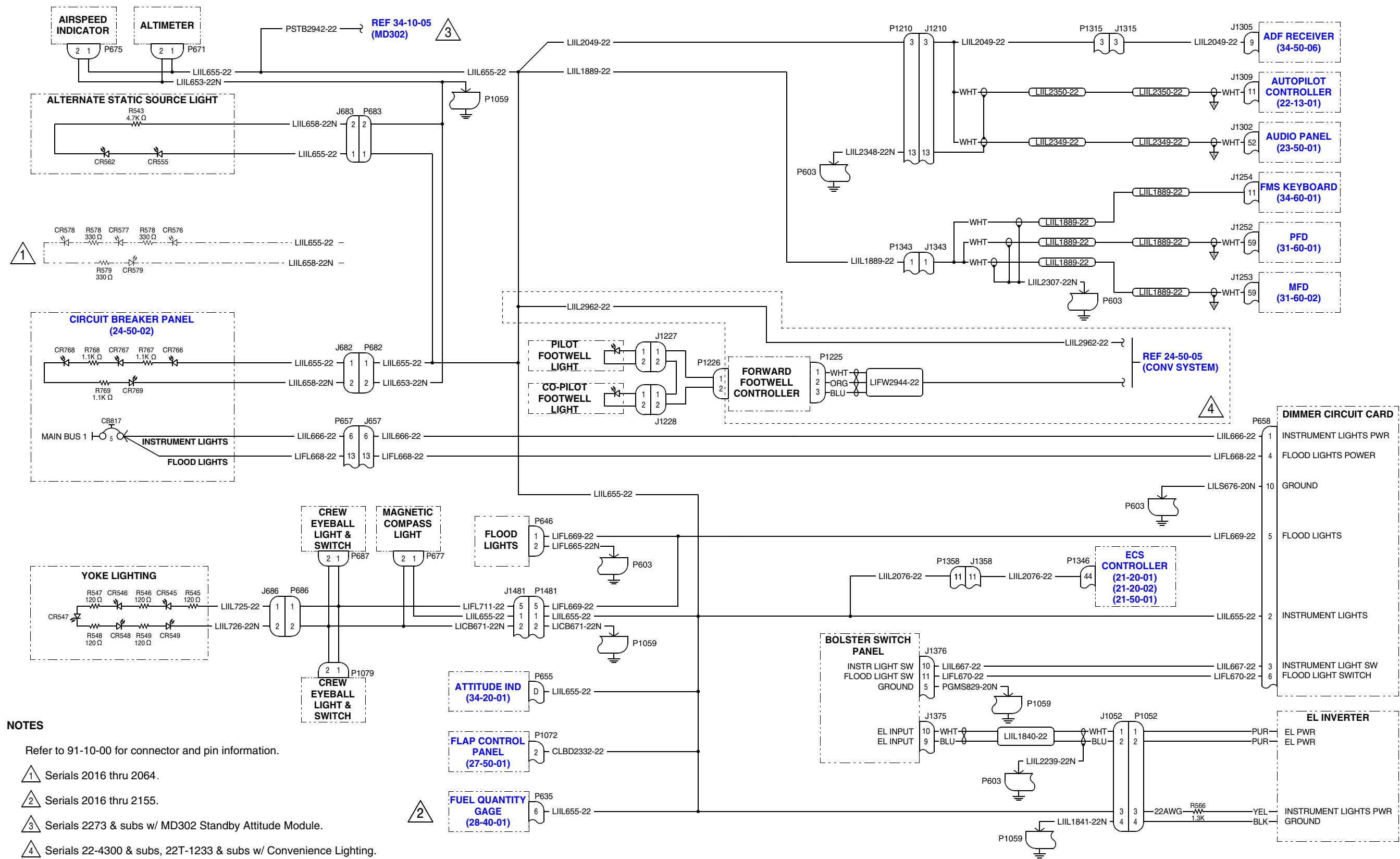
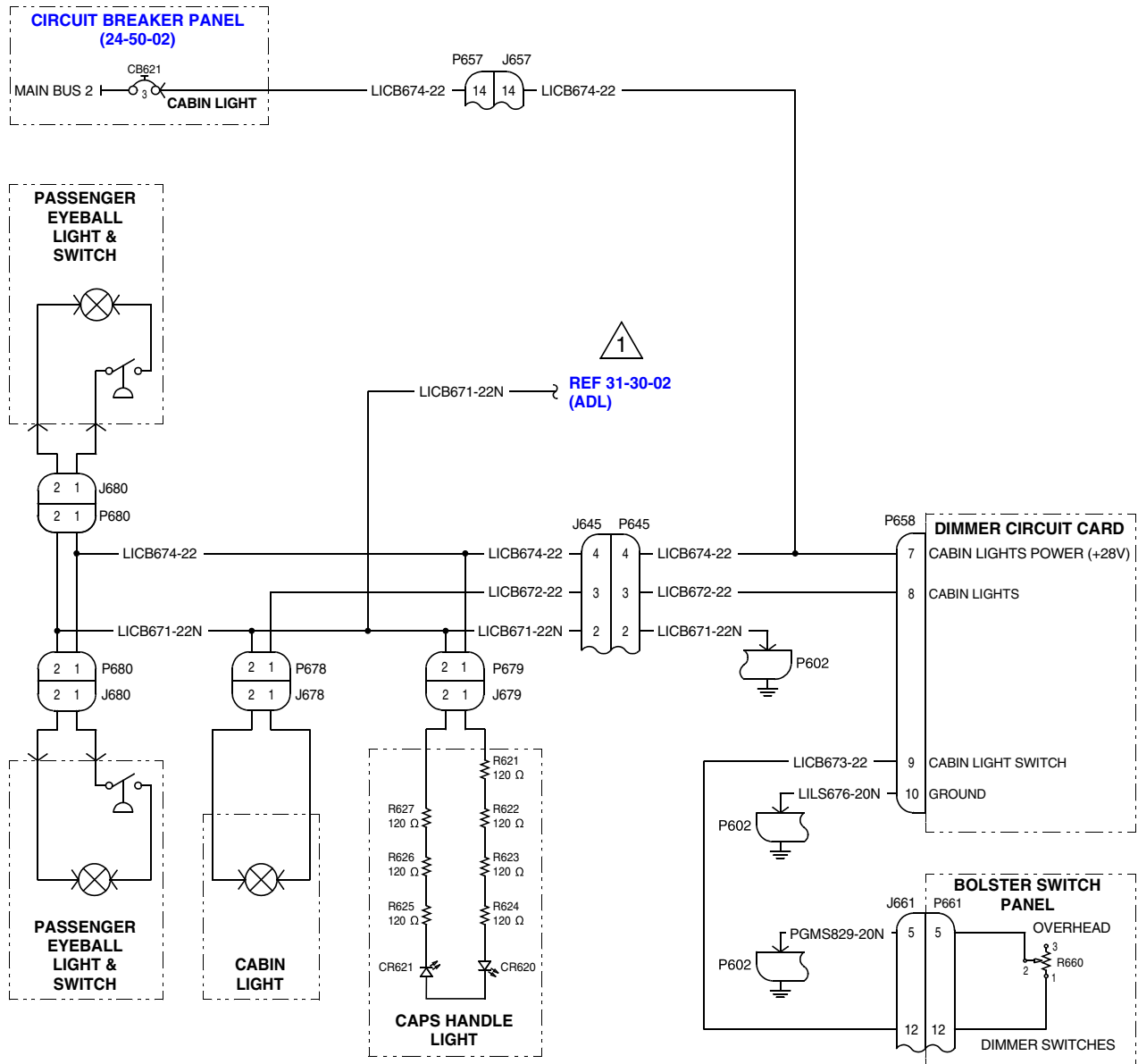


Figure-01
Flight Compartment - Serials 22-3403 & subs w/ Perspective, 22T-0001 & subs

EFFECTIVITY:
Serials 22-3403 & subs w/ Perspective, 22T-0001 & subs

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NOTES

Refer to 91-10-00 for connector and pin information.

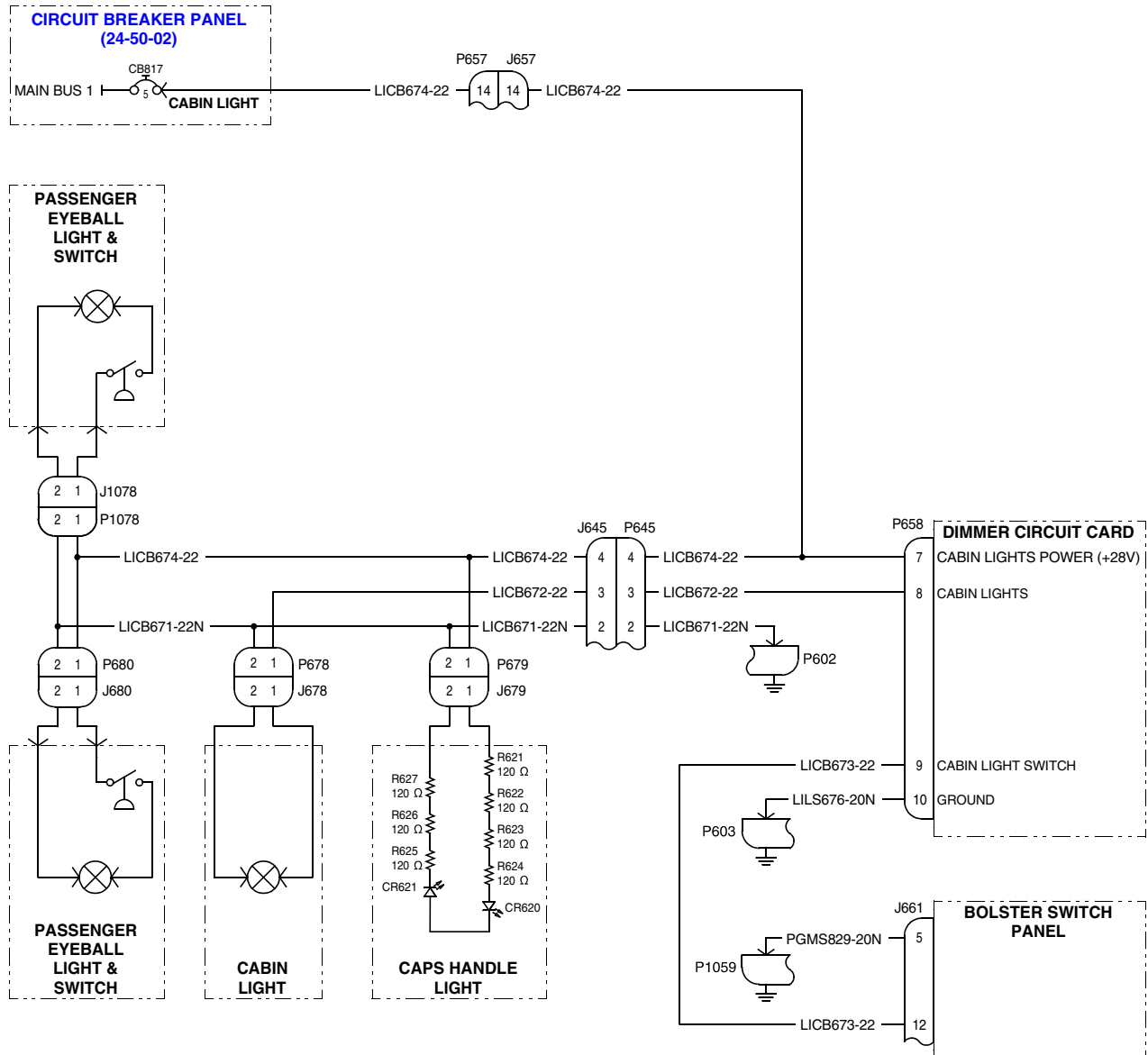
△ Serials 22-2334, 22-2420, 22-2438 & subs.

WM14311_02A

Figure-01
Passenger Compartment - Serials 22-0002 & subs w/o Perspective

EFFECTIVITY:
Serials 22-0002 & subs w/o Perspective

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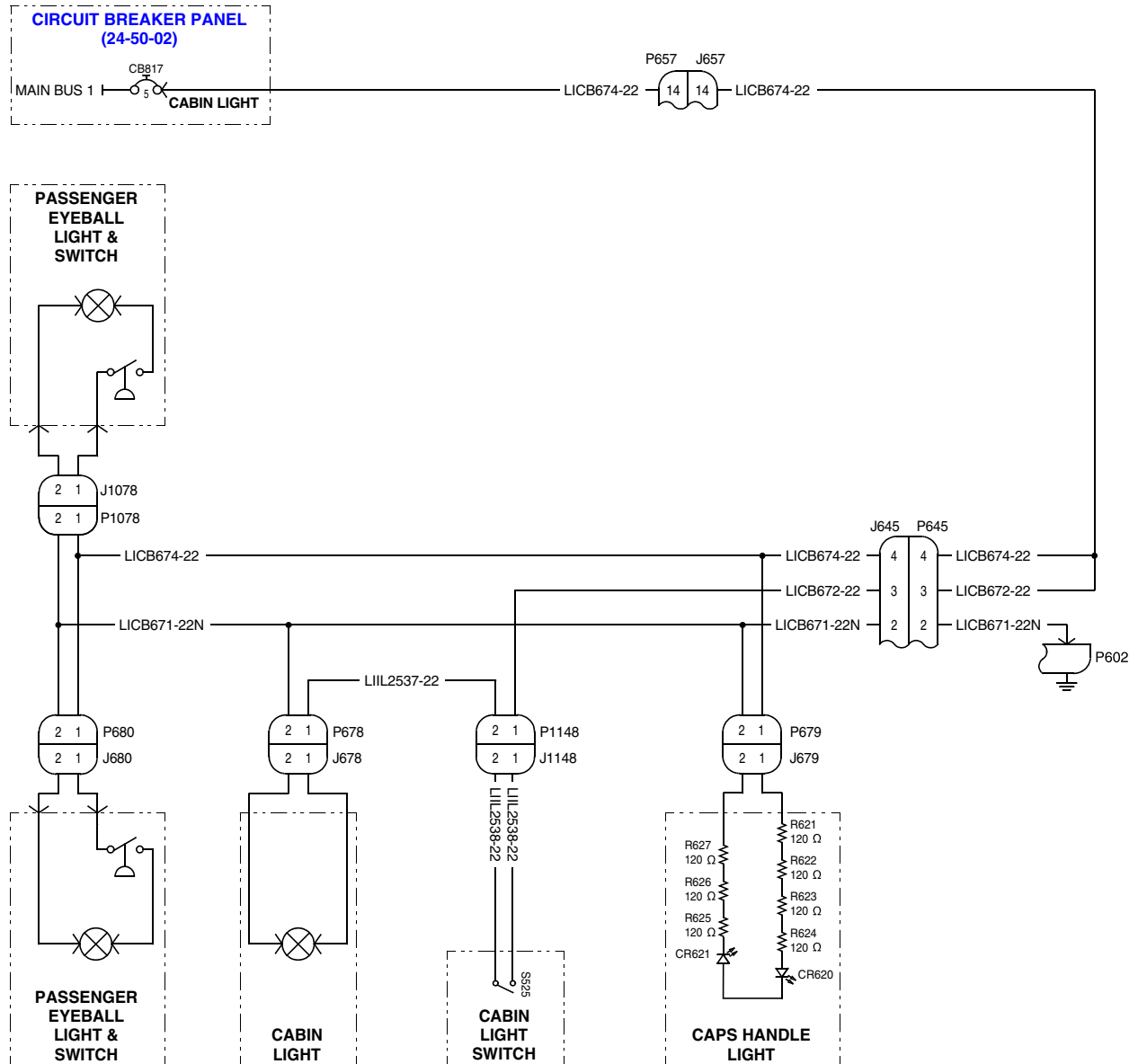
NOTES

Refer to 91-10-00 for connector and pin information.

WM24562_20

Figure-01
Passenger Compartment - Serials 22-3026 thru 22-3402 w/ Perspective

EFFECTIVITY:
Serials 22-3026 thru 22-3402 w/ Perspective



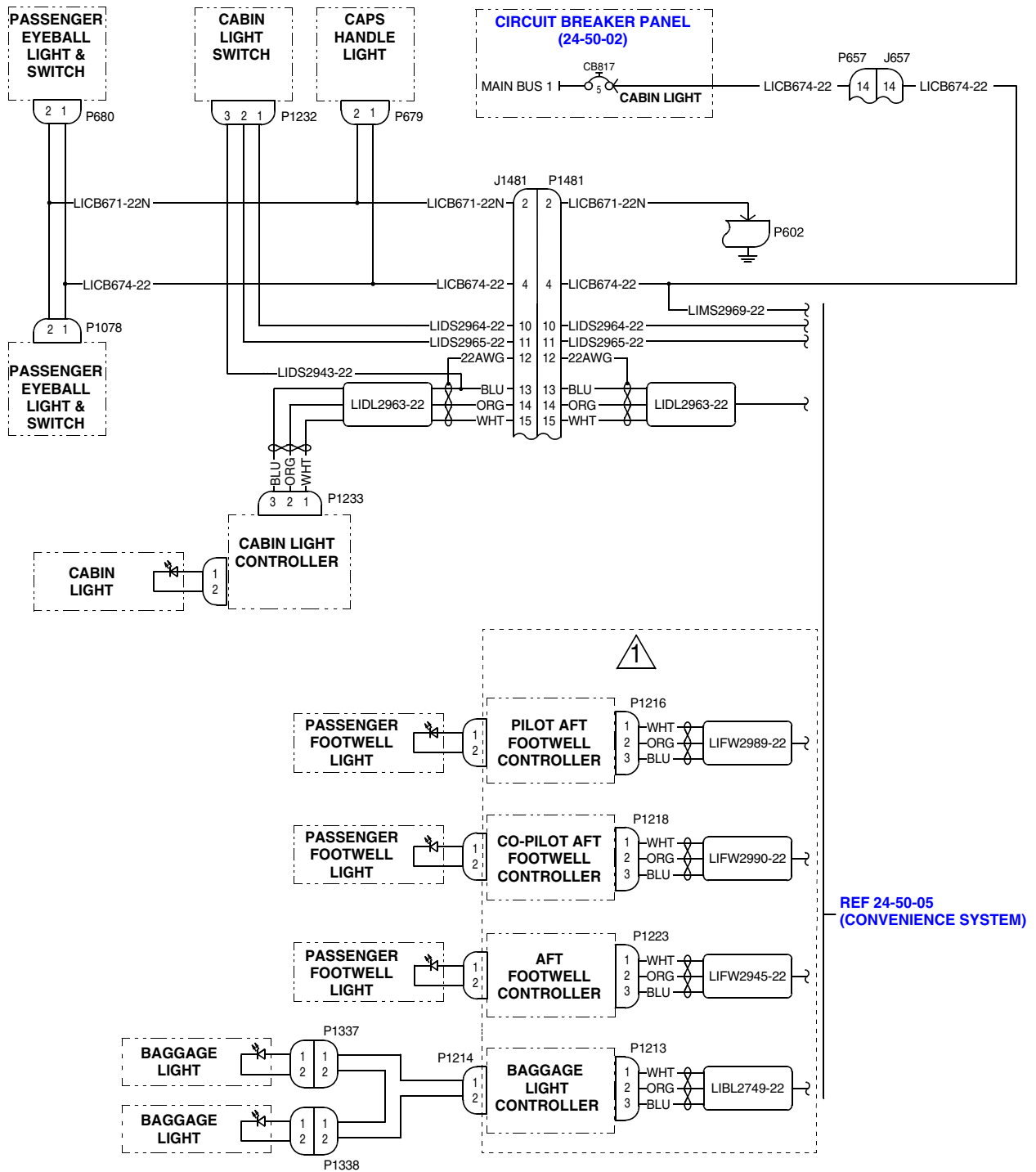
NOTES

Refer to 91-10-00 for connector and pin information.

WM24562_36

Figure-01
Passenger Compartment - Serials 22-3403 thru 22-4299, 22T-0001 thru 22T-1232

EFFECTIVITY:
 Serials 22-3403 thru 22-4299, 22T-0001 thru 22T-1232



NOTES

Refer to 91-10-00 for connector and pin information.

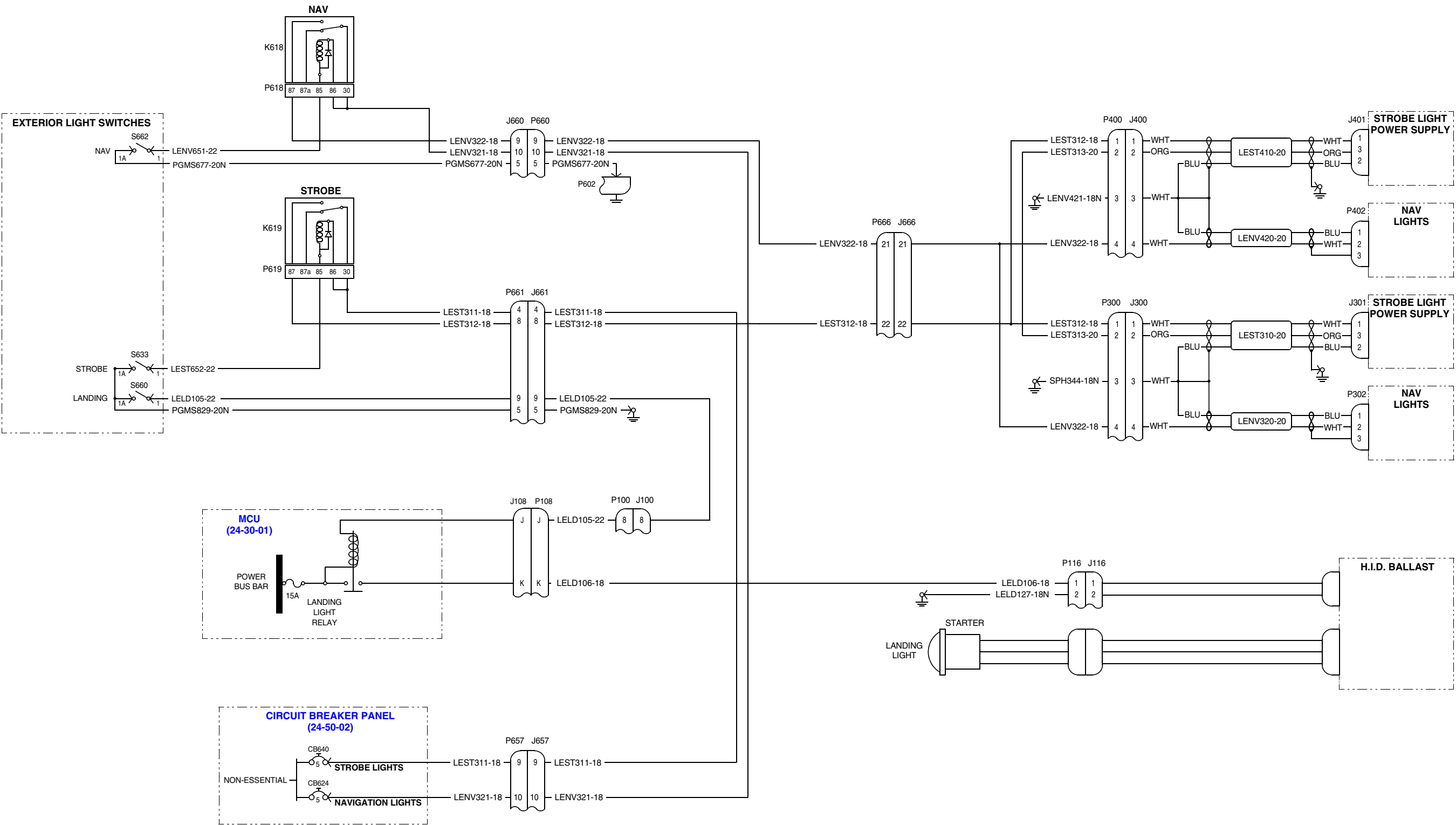
1 Serials 22-4300 & subs, 22T-1233 & subs w/ Convenience Lighting.

WM37073_02B

Figure-01
Passenger Compartment - Serials 22-4300 & subs, 22T-1233 & subs

EFFECTIVITY:
Serials 22-4300 & subs, 22T-1233 & subs

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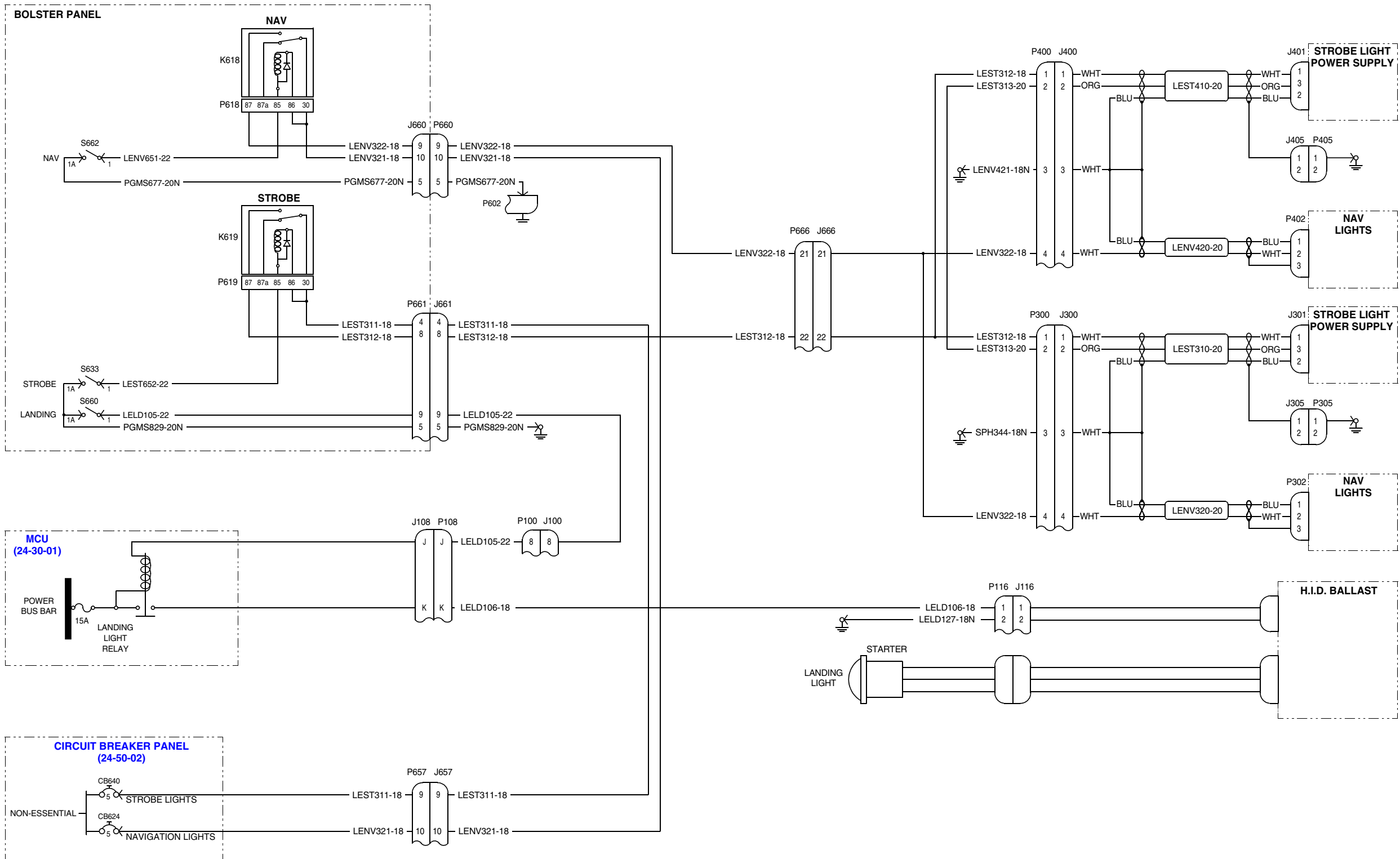


NOTES

Refer to 91-10-00 for connector and pin information.

Figure-01
Exterior - Serials 22-0002 thru 22-0497

EFFECTIVITY:
Serials 22-0002 thru 22-0497



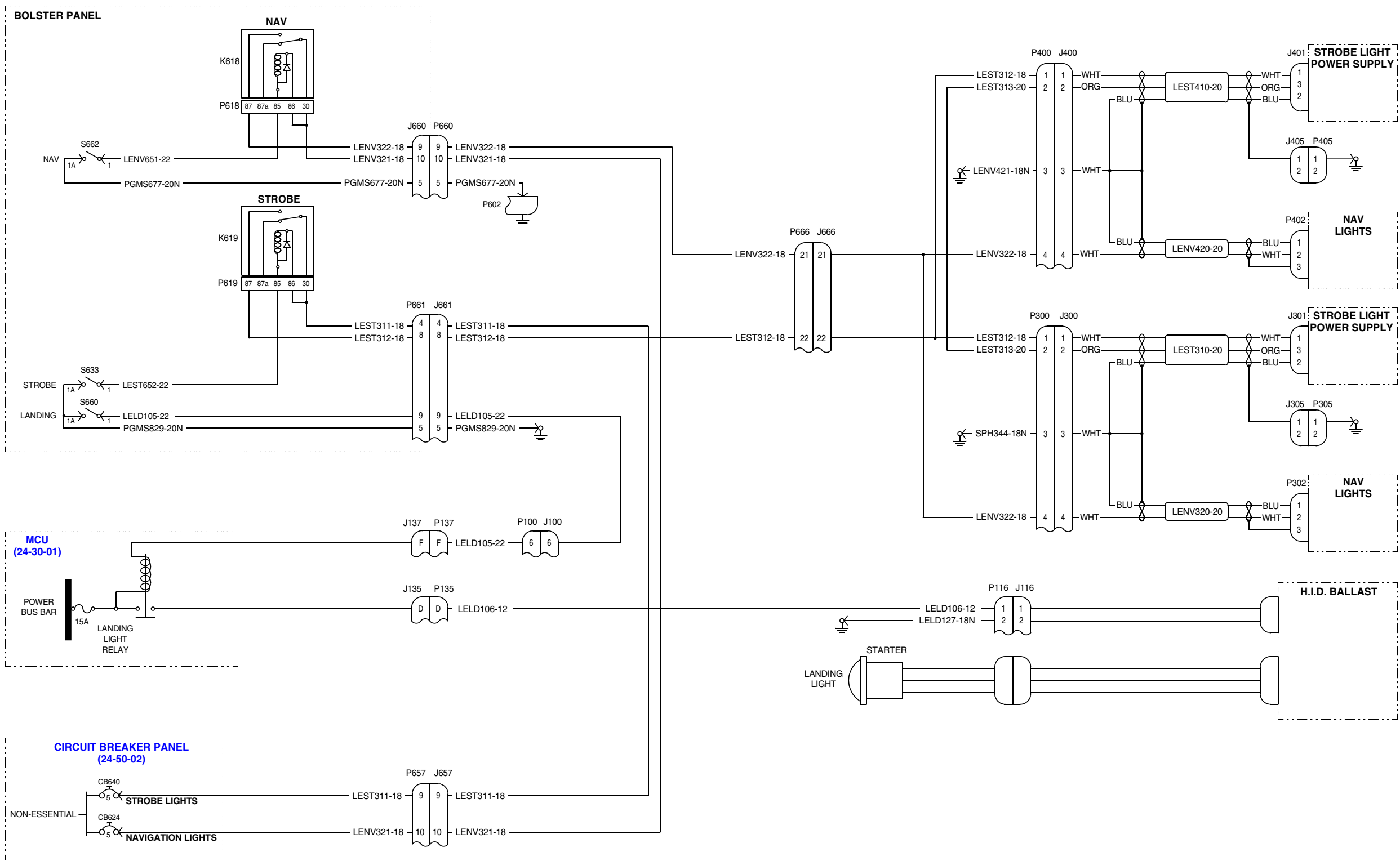
NOTES

Refer to 91-10-00 for connector and pin information.

Figure-01

Exterior - Serials 22-0498 thru 22-1601, 22-1603 thru 22-1643, 22-1645 thru 22-1662

EFFECTIVITY:
Serials 22-0498 thru 22-1601, 22-1603 thru 22-1643,
22-1645 thru 22-1662



NOTES

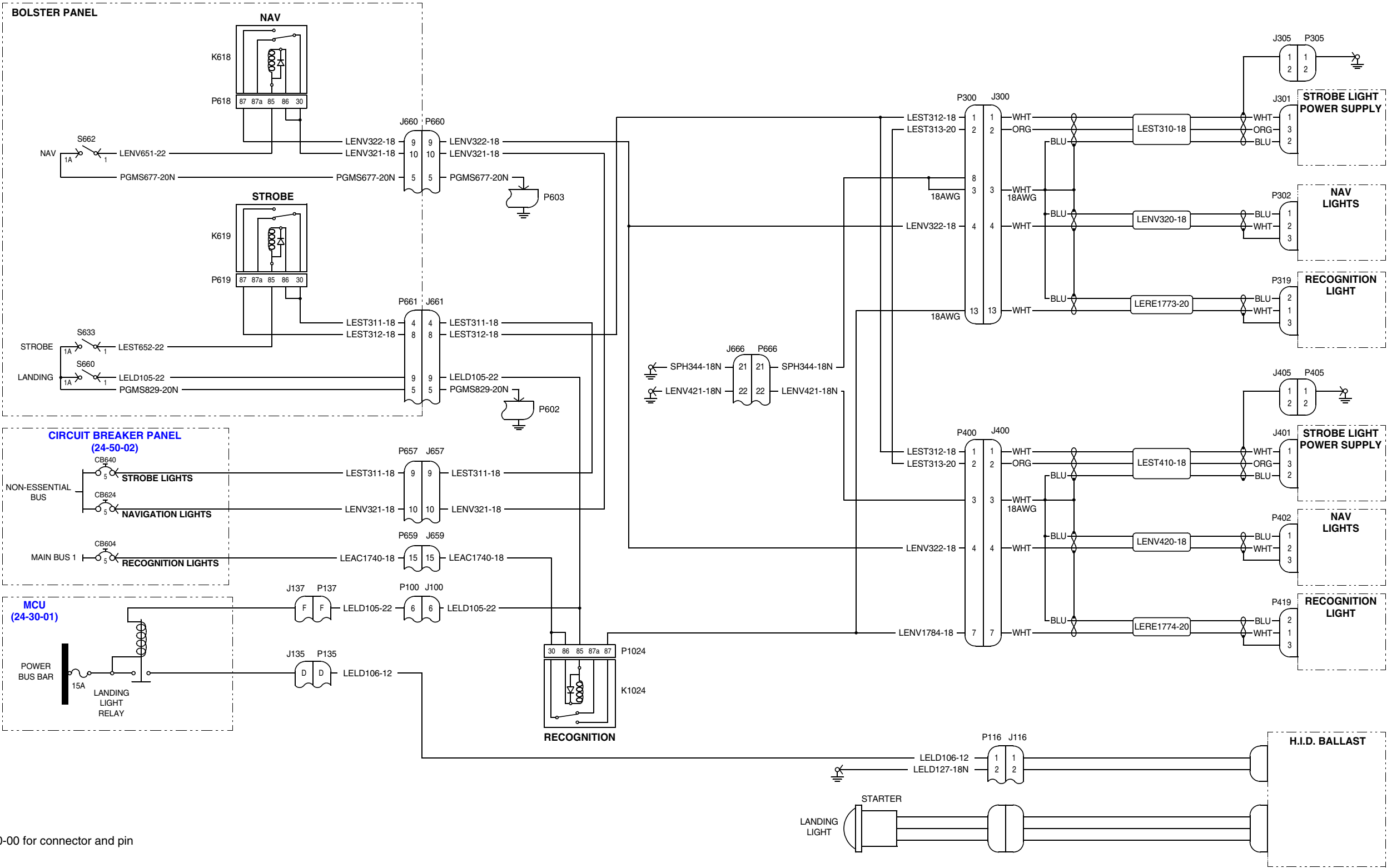
Refer to 91-10-00 for connector and pin information.

Figure-01

Exterior - Serials 22-1602, 22-1644, 22-1663 thru 22-2437

EFFECTIVITY:

Serials 22-1602, 22-1644, 22-1663 thru 22-2437

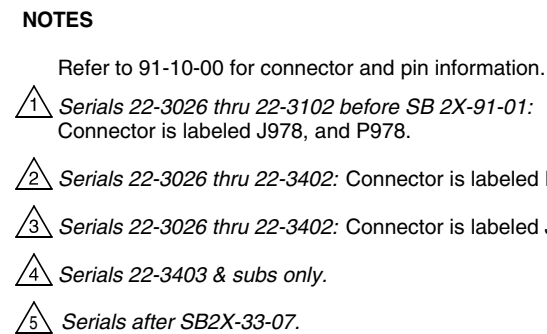


NOTES

Refer to 91-10-00 for connector and pin information.

Figure-01
Exterior - Serials 22-2438 & subs w/o Perspective

EFFECTIVITY:
Serials 22-2438 & subs w/o Perspective



EFFECTIVITY:
Serials 22-3026 thru 22-3660 w/ Perspective, w/o FIKI

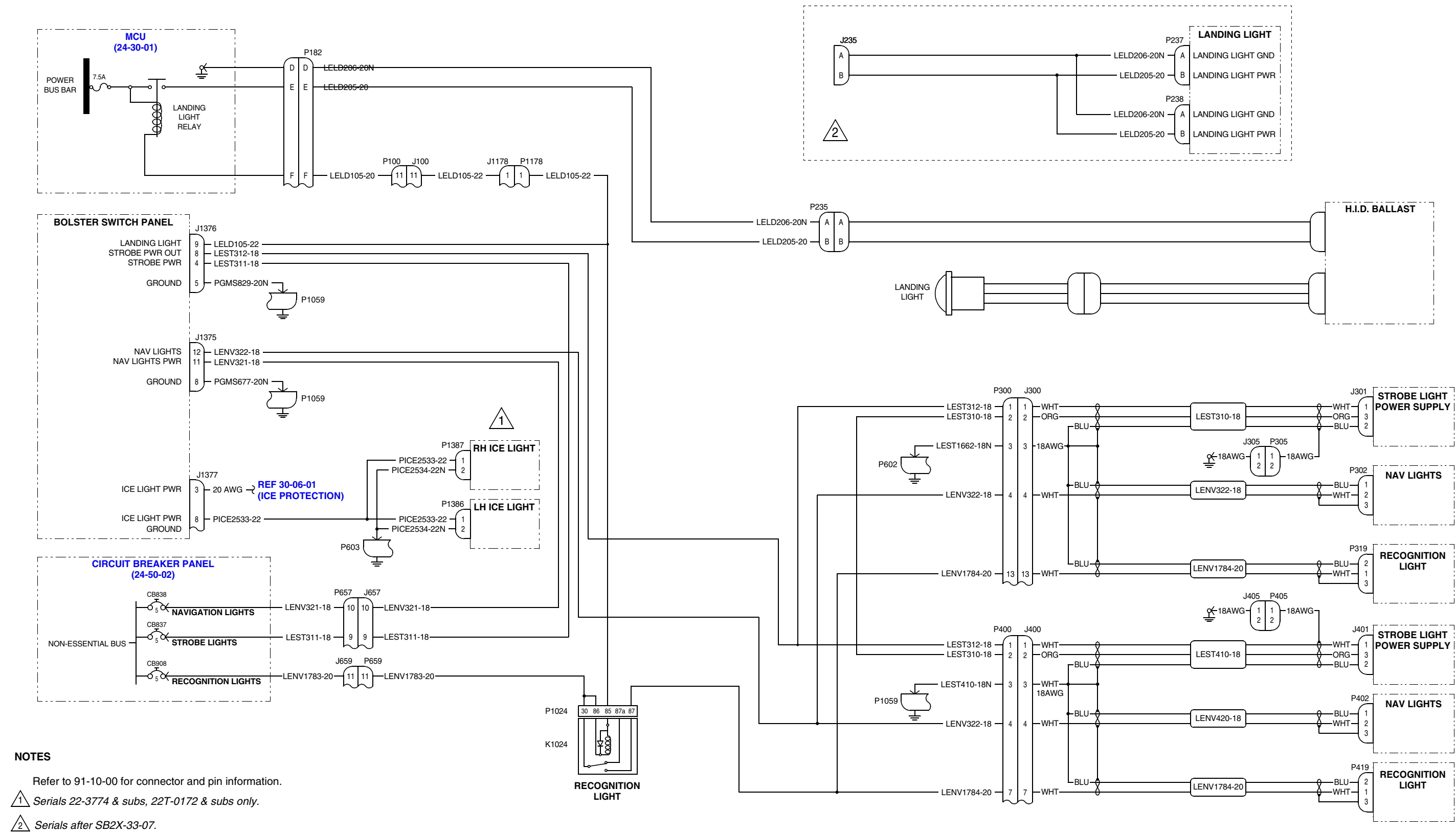
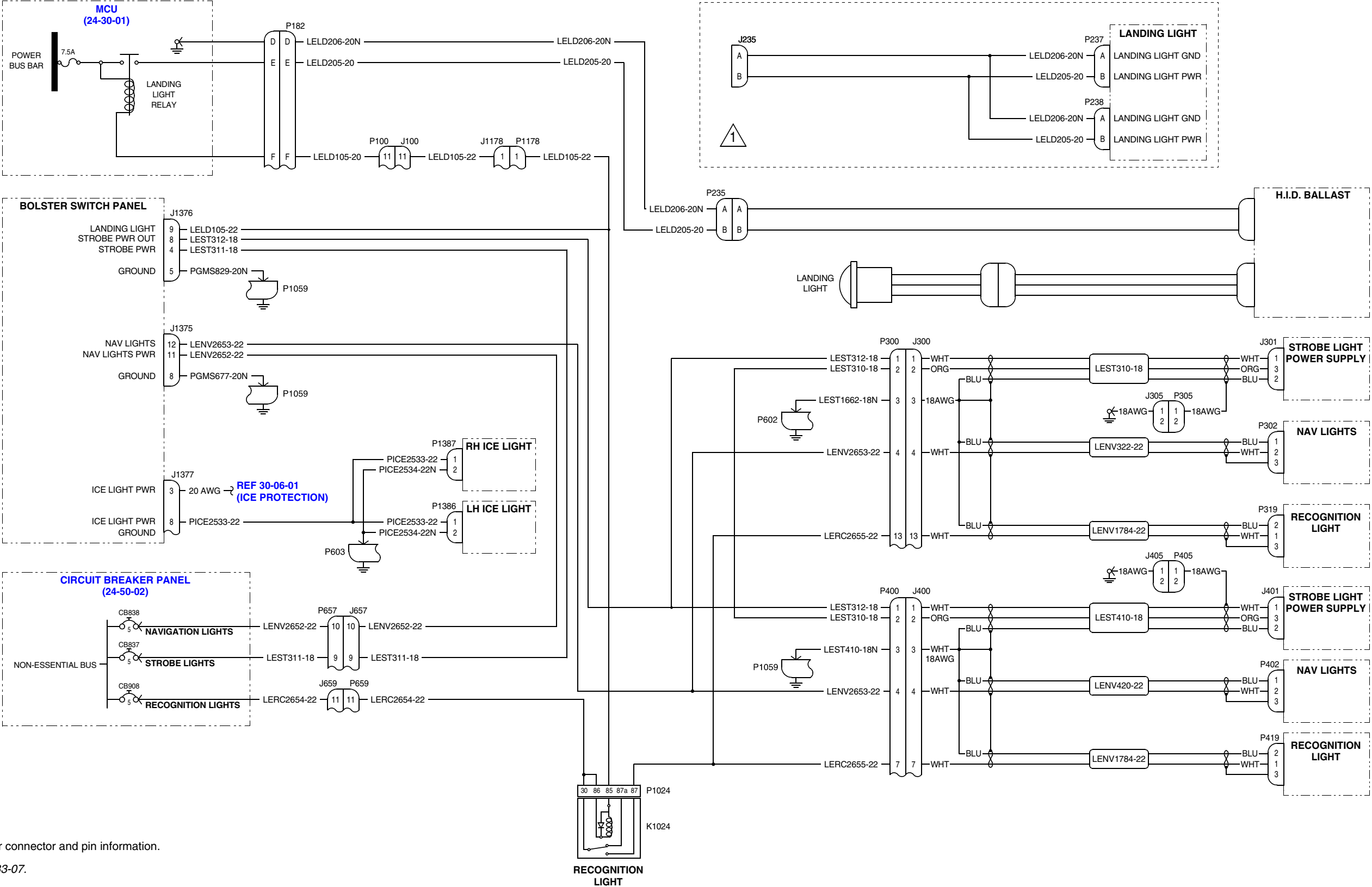


Figure-01

Exterior - Serials 22-3661 thru 22-3848 w/ Perspective, 22T-0001 thru 22T-0318 w/o FIKI

EFFECTIVITY:
Serials 22-3661 thru 22-3848 w/ Perspective, 22T-0001 thru 22T-0318 w/o FIKI



NOTES

Refer to 91-10-00 for connector and pin information.

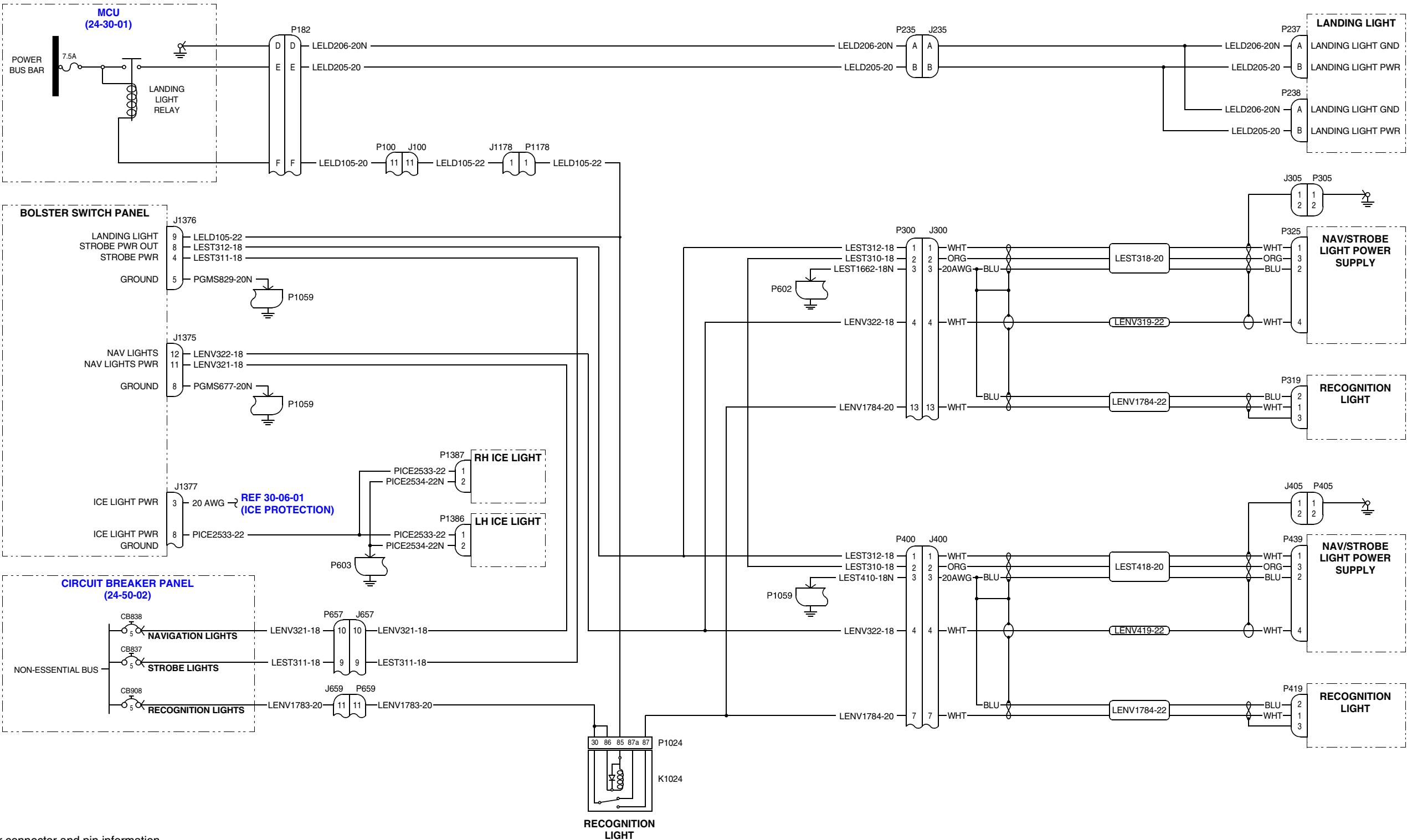
Serials after SB2X-33-07.

Figure-01

Exterior - Serials 22-3849 & subs w/ Perspective, 22T-0319 & subs w/o FIKI

EFFECTIVITY:

Serials 22-3849 & subs w/ Perspective, 22T-0319 & subs w/o FIKI



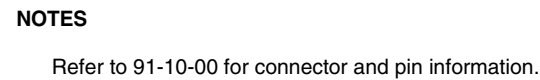
NOTES

Refer to 91-10-00 for connector and pin information.

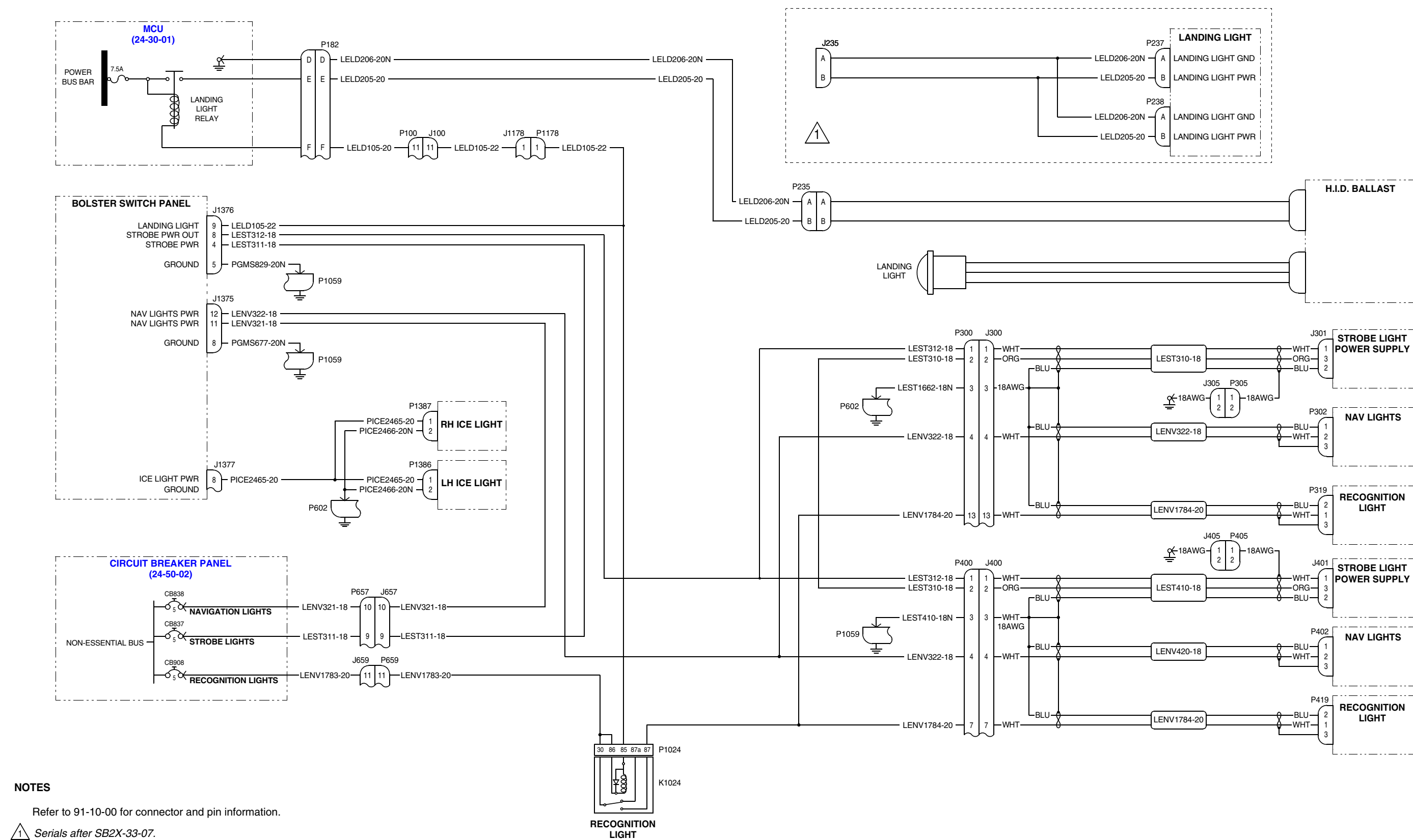
Figure-01

Exterior - Serials 22-3828 thru 22-3848 w/ Perspective, 22T-0268 thru 22T-0318 w/o FIKI, w/ LED Lights

EFFECTIVITY:
Serials 22-3828 thru 22-3848 w/ Perspective, 22T-0268
thru 22T-0318 w/o FIKI, w/ LED Lights



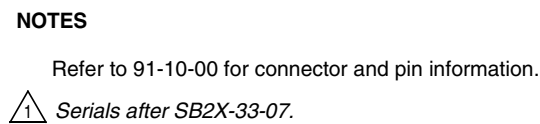
Exterior - Serials 22-3849 & subs w/ Perspective, 22T-0319 & subs w/o FIKI, w/ LED Lights



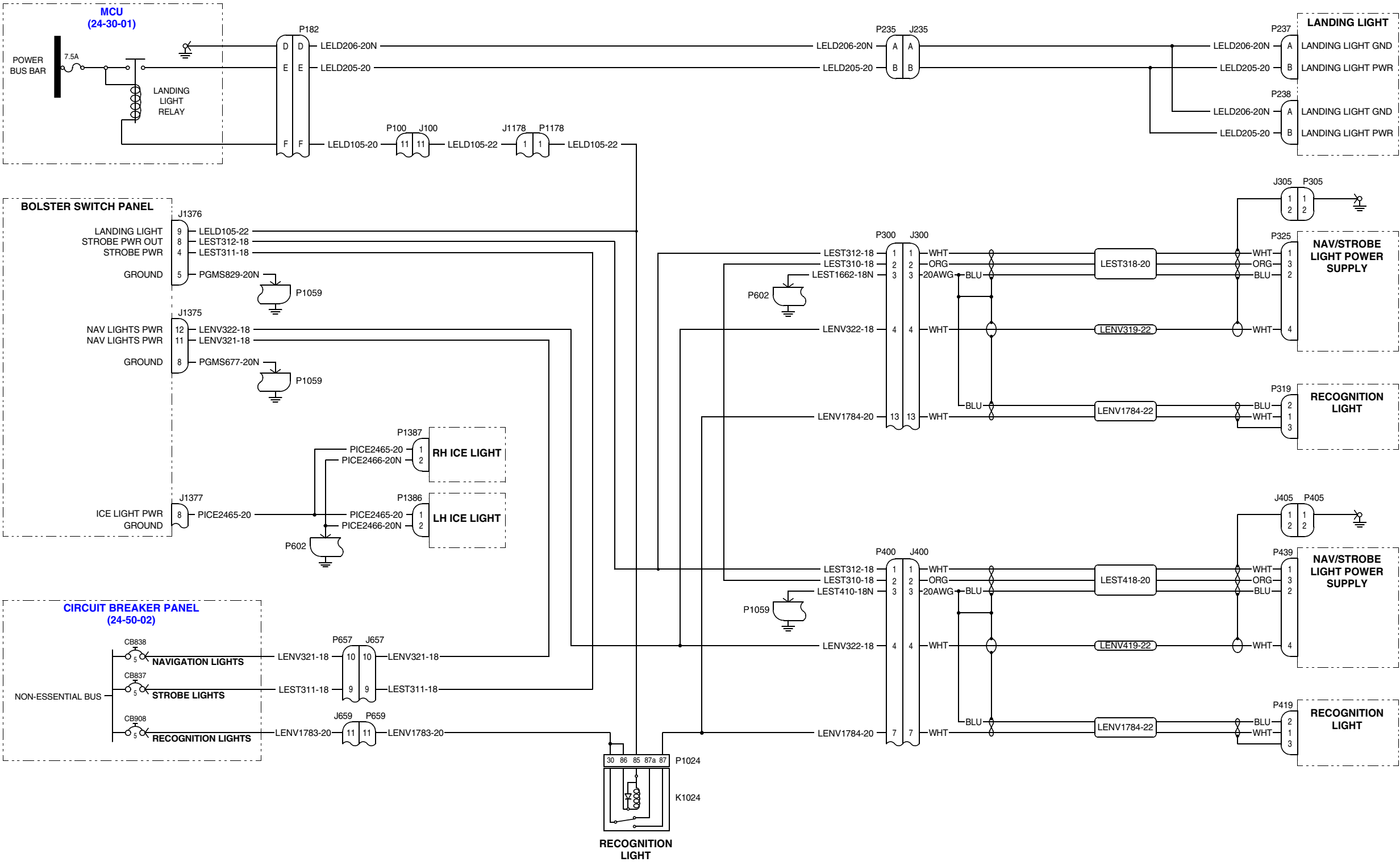
WM24916_06C

Figure-01
Exterior - Serials 22-3403 thru 22-3848, 22T-0001 thru 22T-0318 w/ FIKI

EFFECTIVITY:
Serials 22-3403 thru 22-3848, 22T-0001 thru 22T-0318
w/ FIKI



EFFECTIVITY:
Serials 22-3849 & subs, 22T-0319 & subs w/ FIKI



NOTES

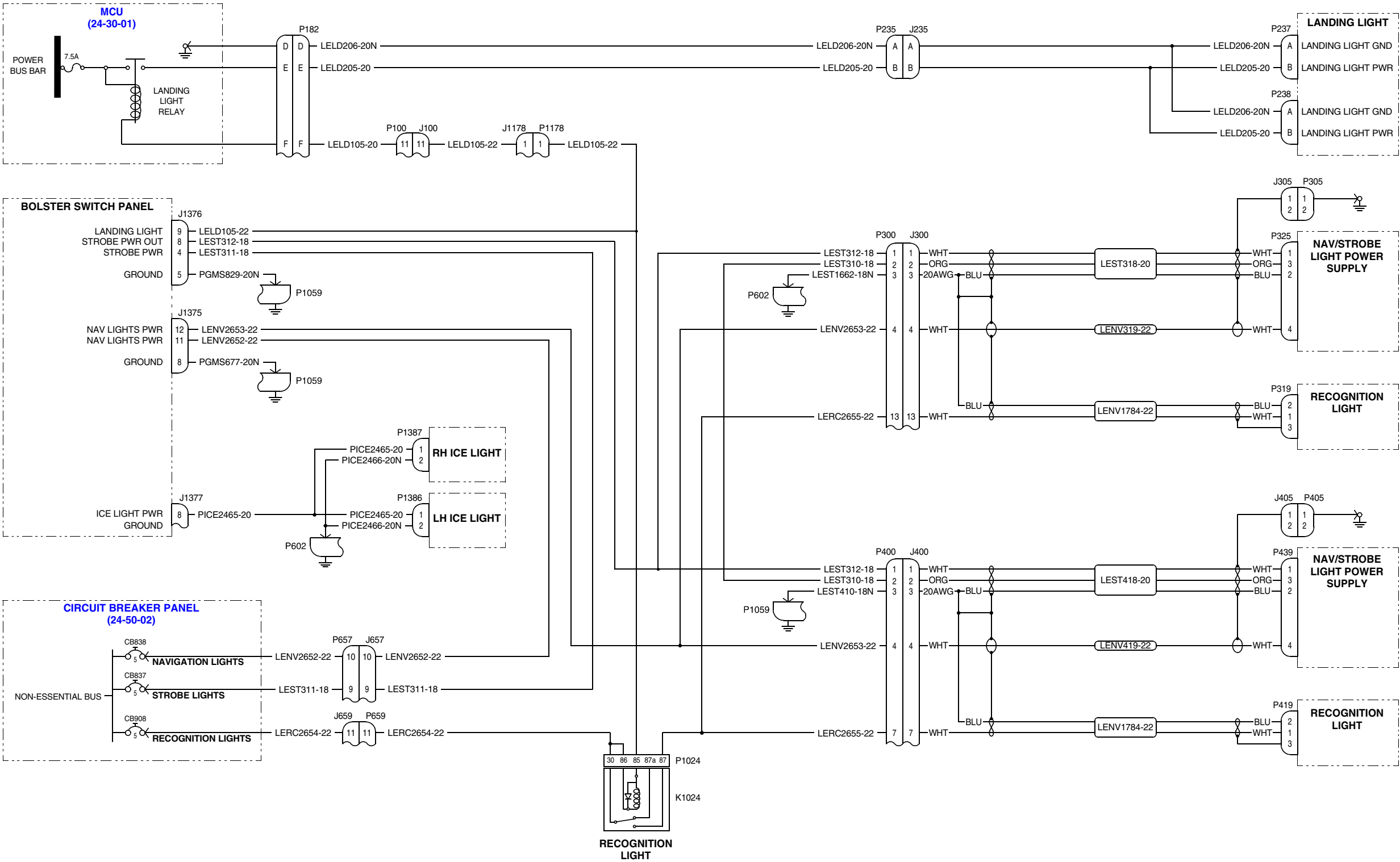
Refer to 91-10-00 for connector and pin information.

WM24916_07A

Figure-01

Exterior - Serials 22-3828 thru 22-3848, 22T-0268 thru 22T-0318 w/ FIKI, w/ LED Lights

EFFECTIVITY:
Serials 22-3828 thru 22-3848, 22T-0268 thru 22T-0318
w/ FIKI, w/ LED Lights



NOTES

Refer to 91-10-00 for connector and pin information.

WM26333_11A

Figure-01

Exterior - Serials 22-3849 thru 22-4030, 22T-0319 thru 22T-0689 w/ FIKI, w/ LED Lights

EFFECTIVITY:

Serials 22-3849 thru 22-4030, 22T-0319 thru 22T-0689

w/ FIKI, w/ LED Lights

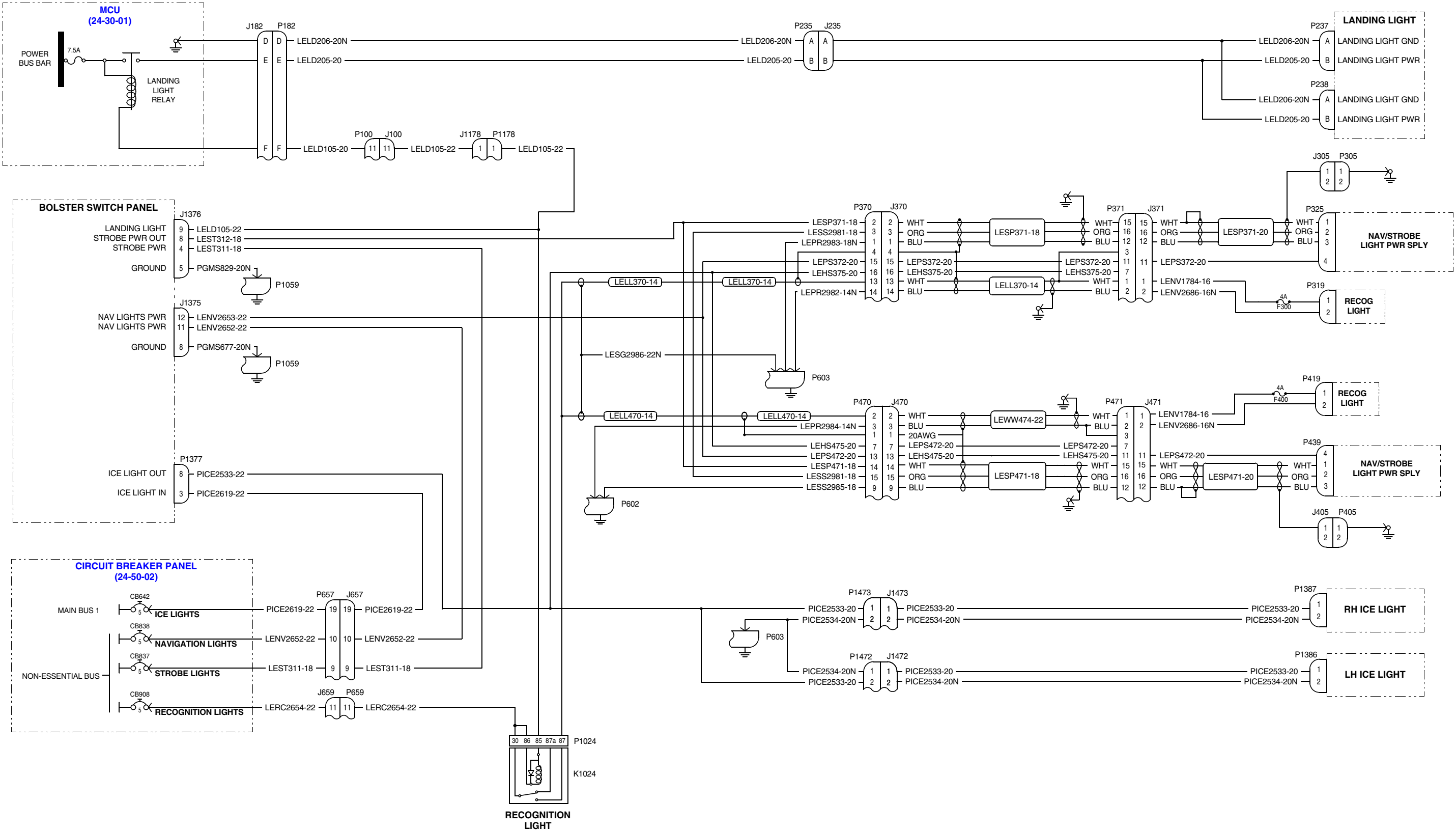


Figure-01
Exterior - Serials 22-4031 thru 22-4299, 22T-0690 thru 22T-1232 w/ FIKI, w/ LED Lights

EFFECTIVITY:
Serials 22-4031 thru 22-4299, 22T-0690 thru 22T-1232
w/ FIKI, w/ LED Lights

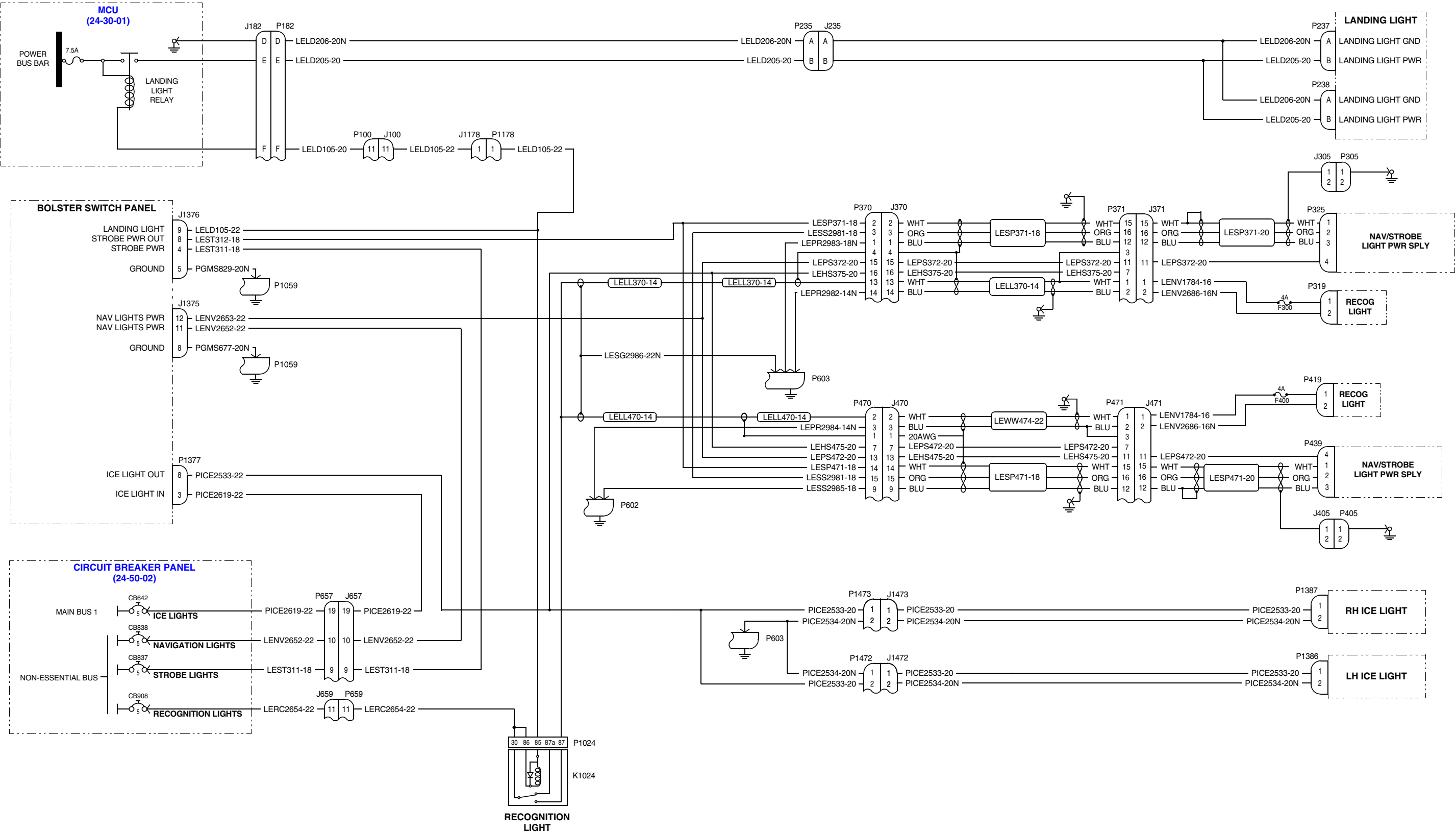
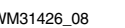


Figure-01
Exterior - Serials 22-4031 thru 22-4299, 22T-0690 thru 22T-1232 w/o FIKI, w/ LED Lights

EFFECTIVITY:
Serials 22-4031 thru 22-4299, 22T-0690 thru 22T-1232
w/o FIKI, w/ LED Lights



CHAPTER

34

**NAVIGATION AND
PITOT STATIC**

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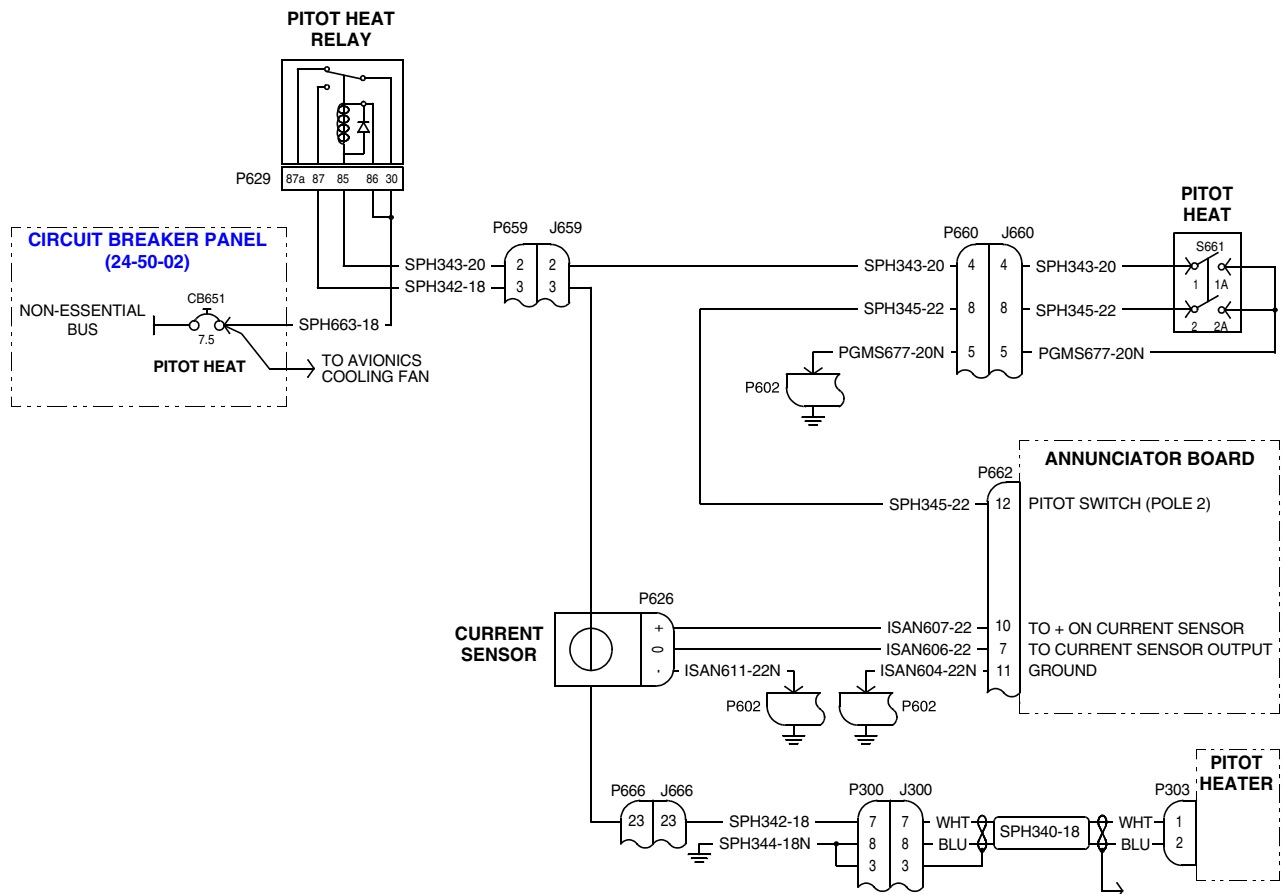
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NOTES

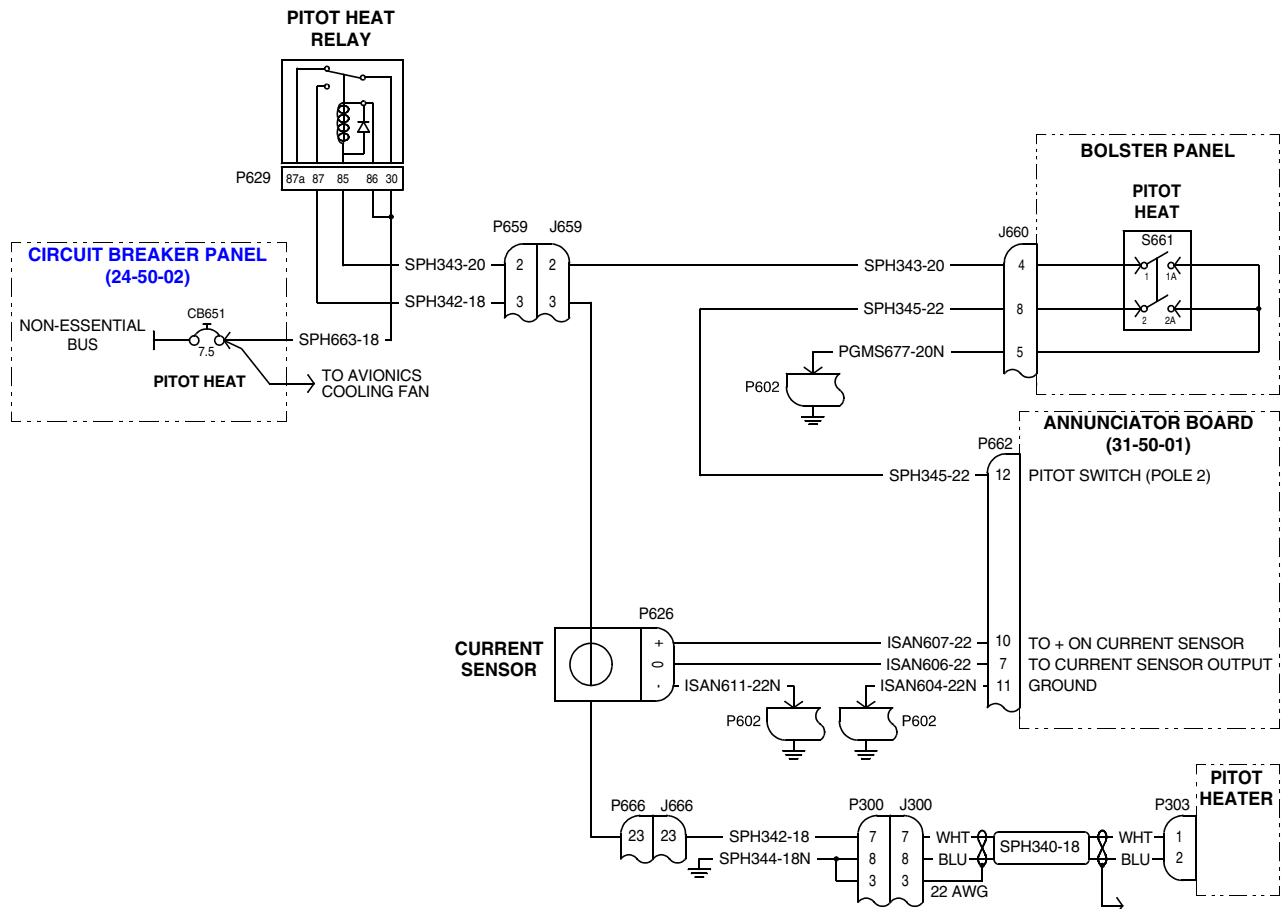
Refer to 91-10-00 for connector and pin information.

WM14306_01B

Figure-01
Pitot Heat System - Serials 22-0002 thru 22-0138

EFFECTIVITY:
Serials 22-0002 thru 22-0138

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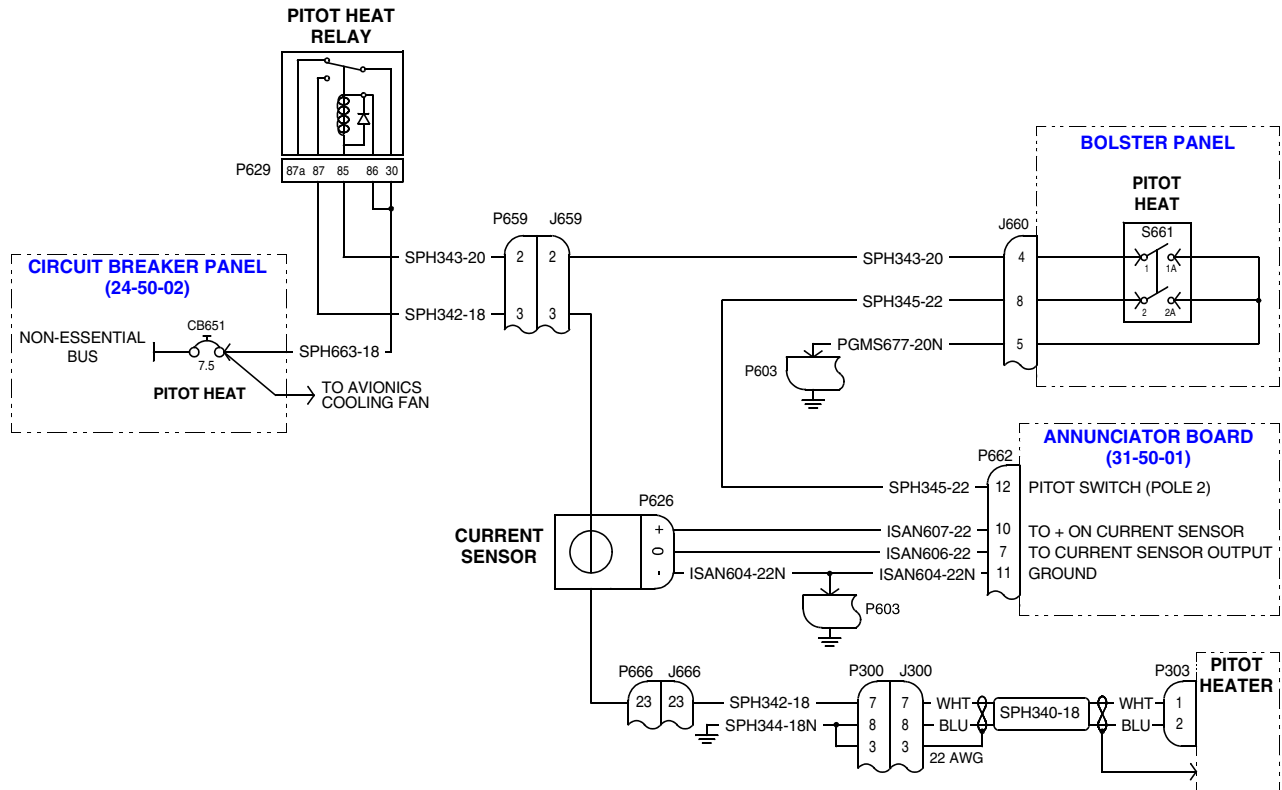
NOTES

Refer to 91-10-00 for connector and pin information.

WM13455_03A

Figure-01
Pitot Heat System - Serials 22-0139 thru 22-0434

EFFECTIVITY:
Serials 22-0139 thru 22-0434



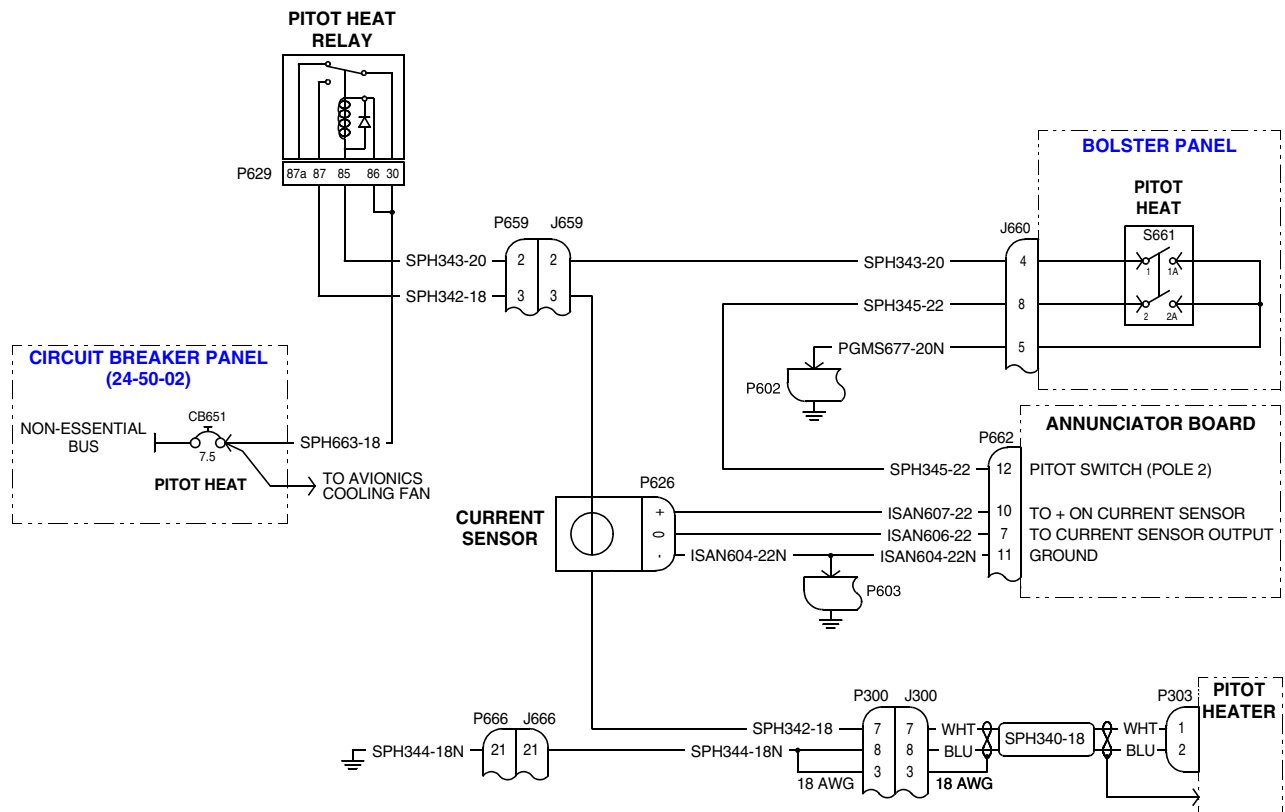
NOTES

Refer to 91-10-00 for connector and pin information.

WM15394_06A

Figure-01
Pitot Heat System - Serials 22-0435 thru 22-2437

EFFECTIVITY:
Serials 22-0435 thru 22-2437



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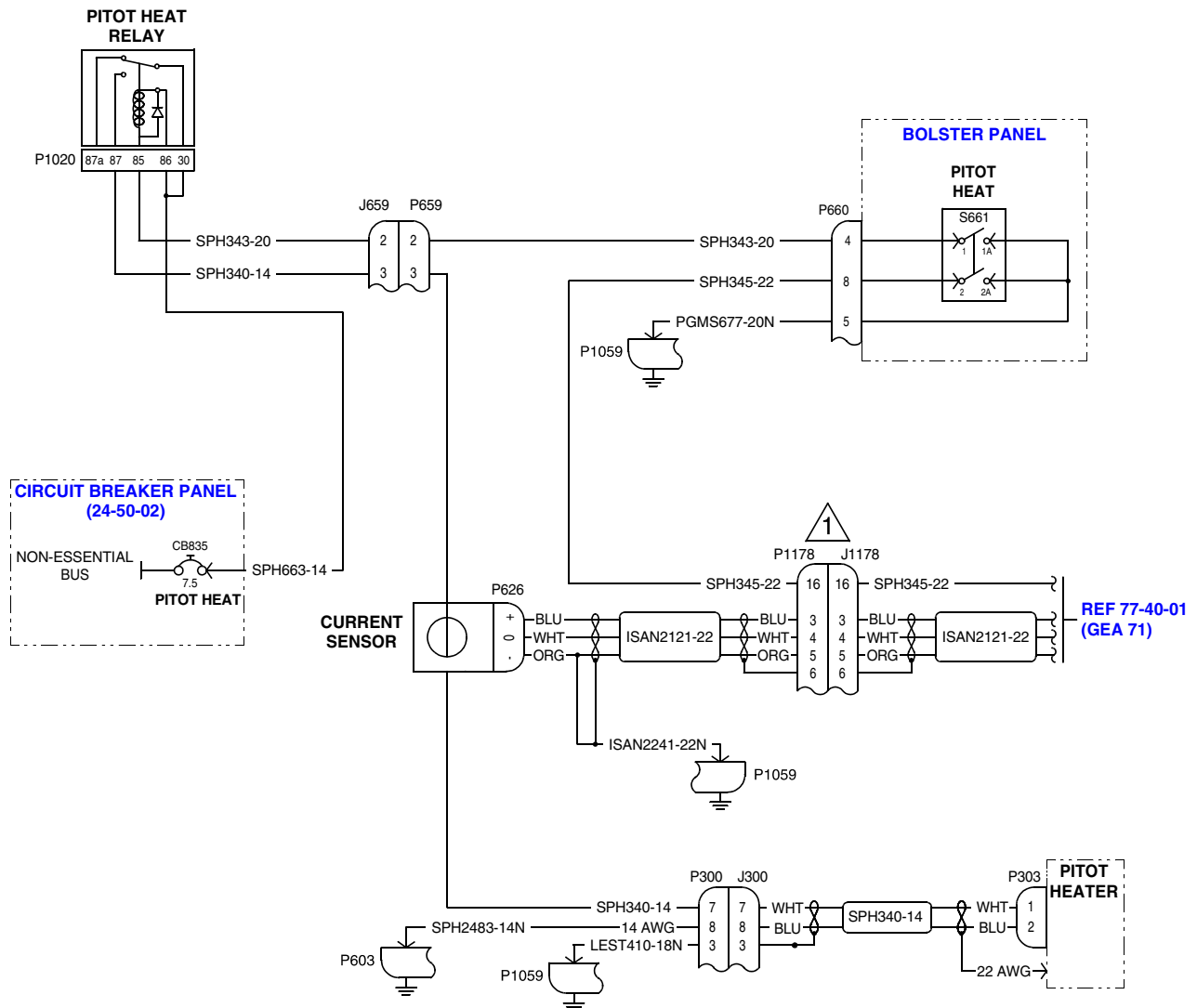
Refer to 91-10-00 for connector and pin information.

WM18527_03

Figure-01
Pitot Heat System - Serials 22-2438 & subs w/o Perspective

EFFECTIVITY:
Serials 22-2438 & subs w/o Perspective

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NOTES

Refer to 91-10-00 for connector and pin information.

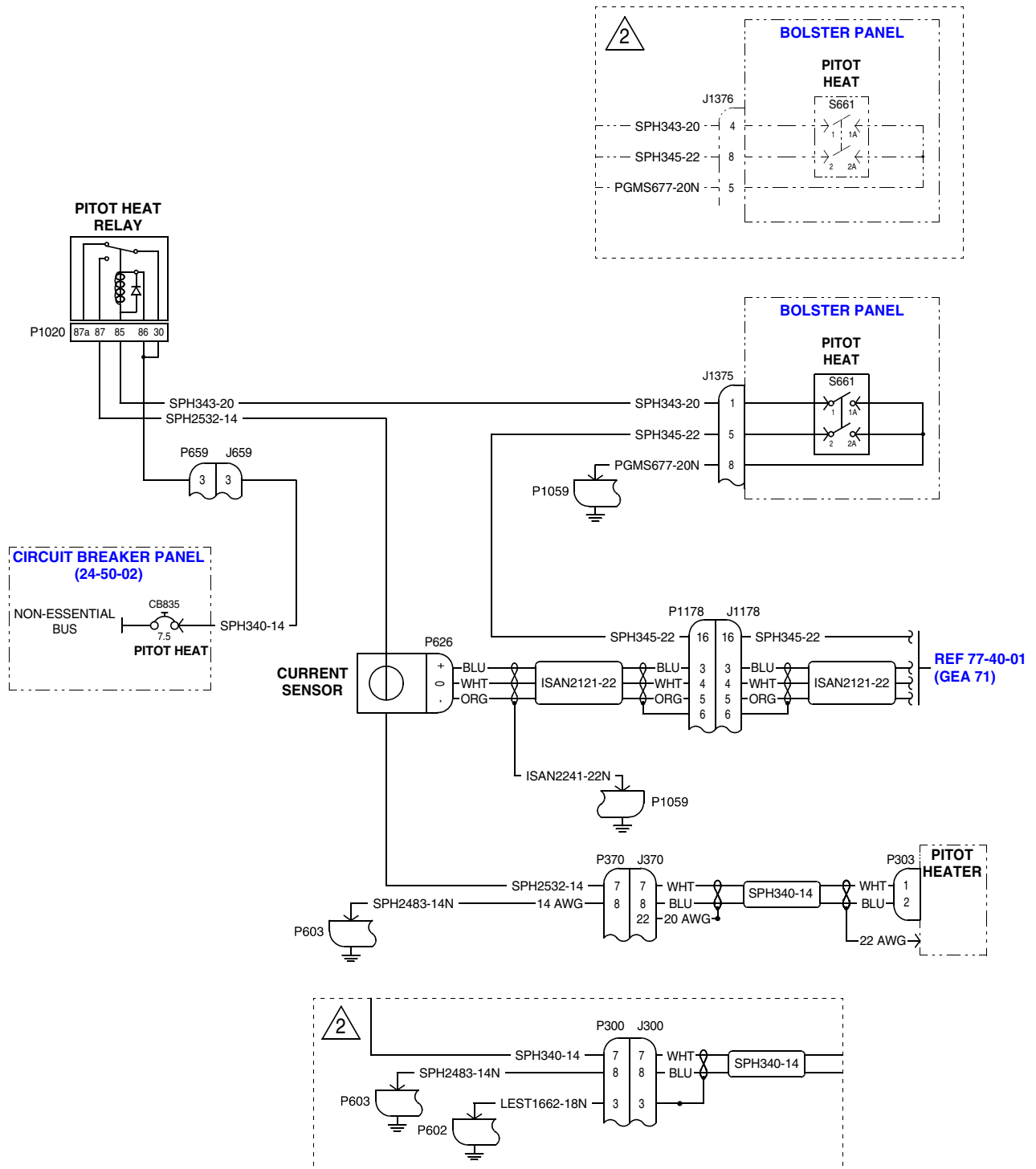
1 Serials 22-3026 thru 22-3102 before SB 2X-91-01:
Connector is labeled J978, and P978.

WM24562_29A

Figure-01
Pitot Heat System - Serials 22-3026 thru 22-3402 w/ Perspective

EFFECTIVITY:
Serials 22-3026 thru 22-3402 w/ Perspective

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NOTES

Refer to 91-10-00 for connector and pin information.

1 Serials 22-3403 thru 22-3660.

2 Serials 22-3403 thru 22-4045, 22T-0001 thru 22T-0689.

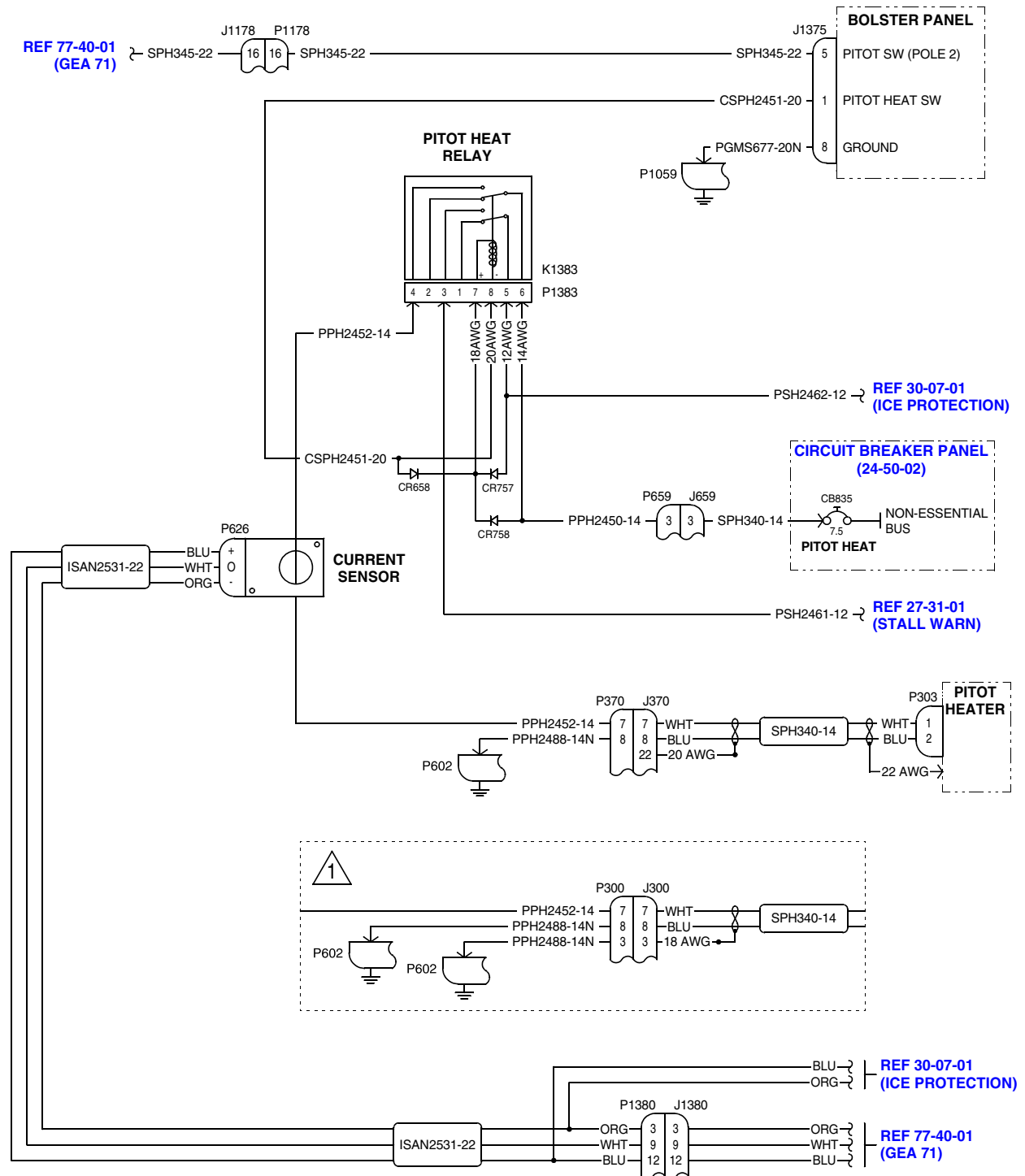
WM24562_34B

Figure-01

Pitot Heat System - Serials 22-3403 & subs w/ Perspective, 22T-0001 & subs

EFFECTIVITY:
Serials 22-3403 & subs w/ Perspective, 22T-0001 & subs

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NOTES

Refer to 91-10-00 for connector and pin information.

1 Serials 22-3403 thru 22-4045, 22T-0001 thru 22T-0689.

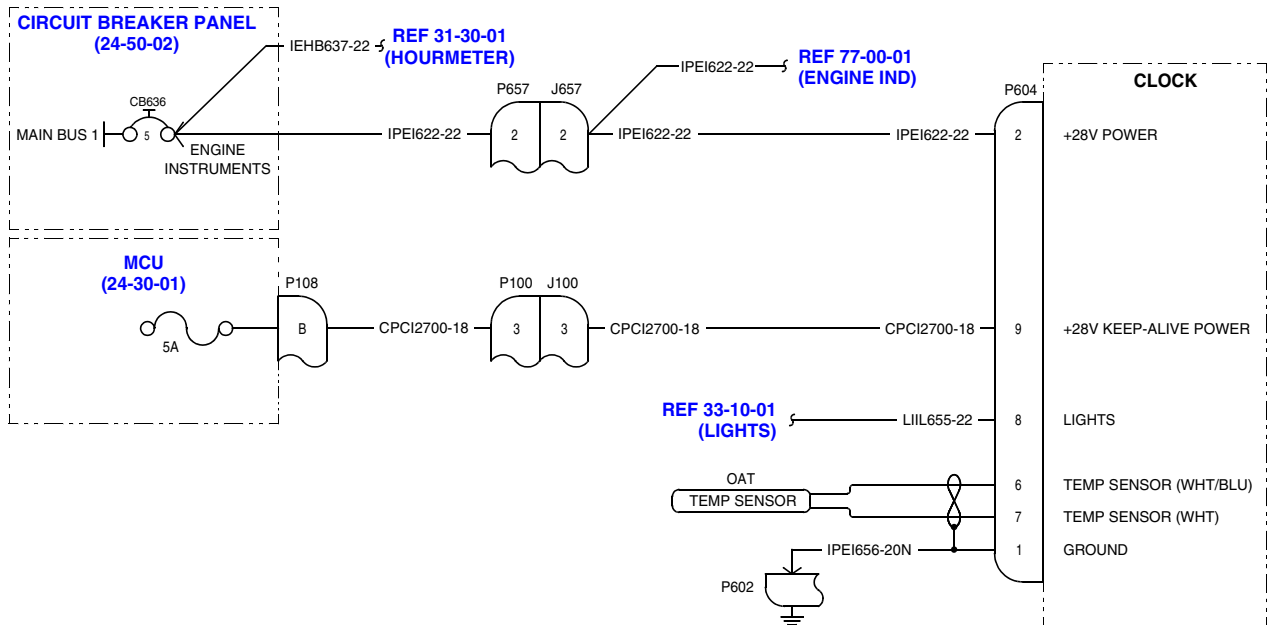
WM24916_01A

Figure-01

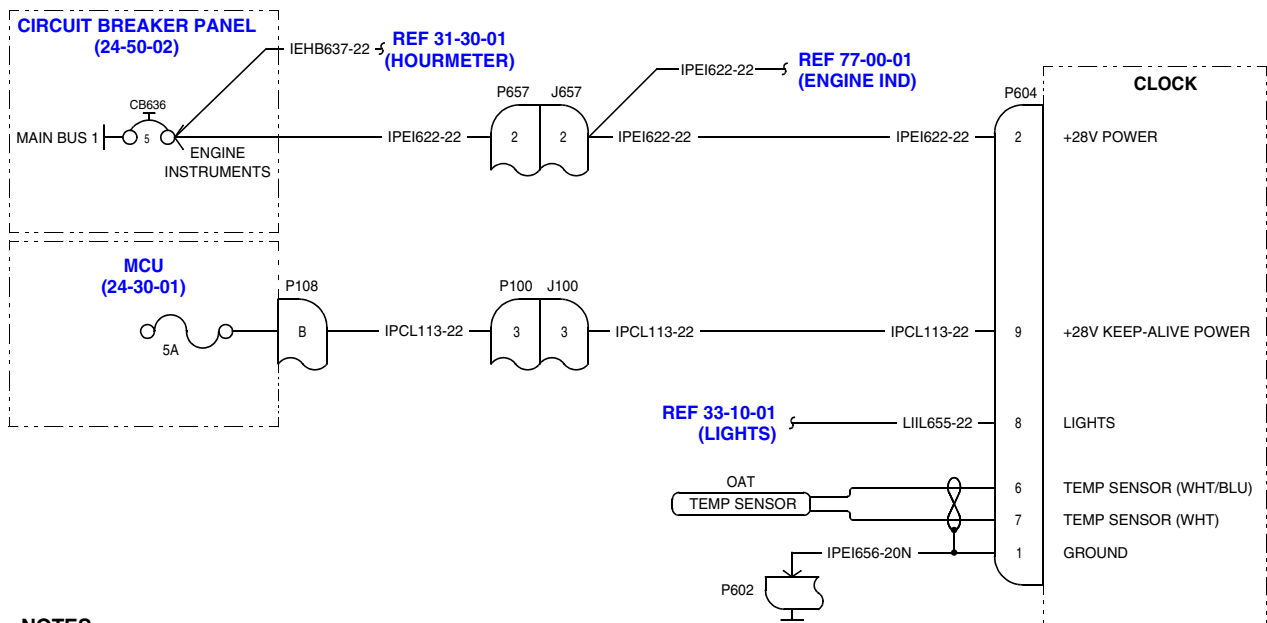
Pitot Heat System - Serials 22-3403 & subs, 22T-0001 & subs w/ FIKI

EFFECTIVITY:
Serials 22-3403 & subs, 22T-0001 & subs w/ FIKI

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Serials 22-0002 thru 22-0434 after SB2X-95-17.



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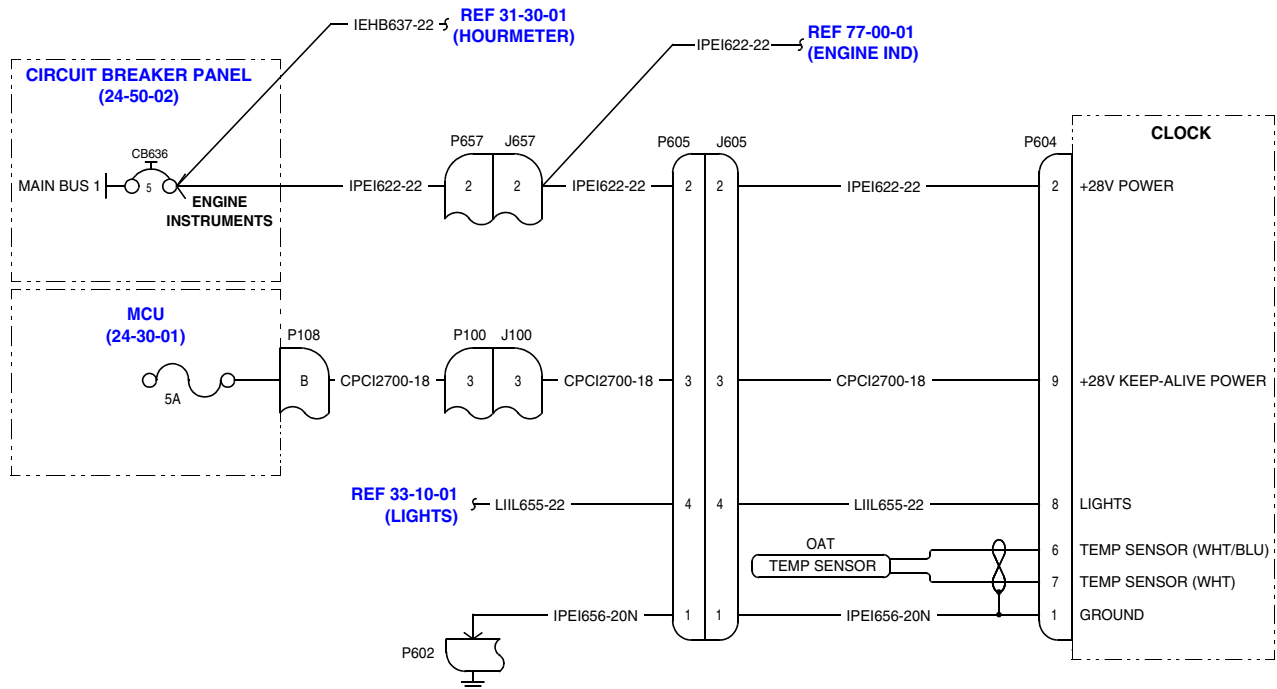
Refer to 91-10-00 for connector and pin information.

WM14302-01B

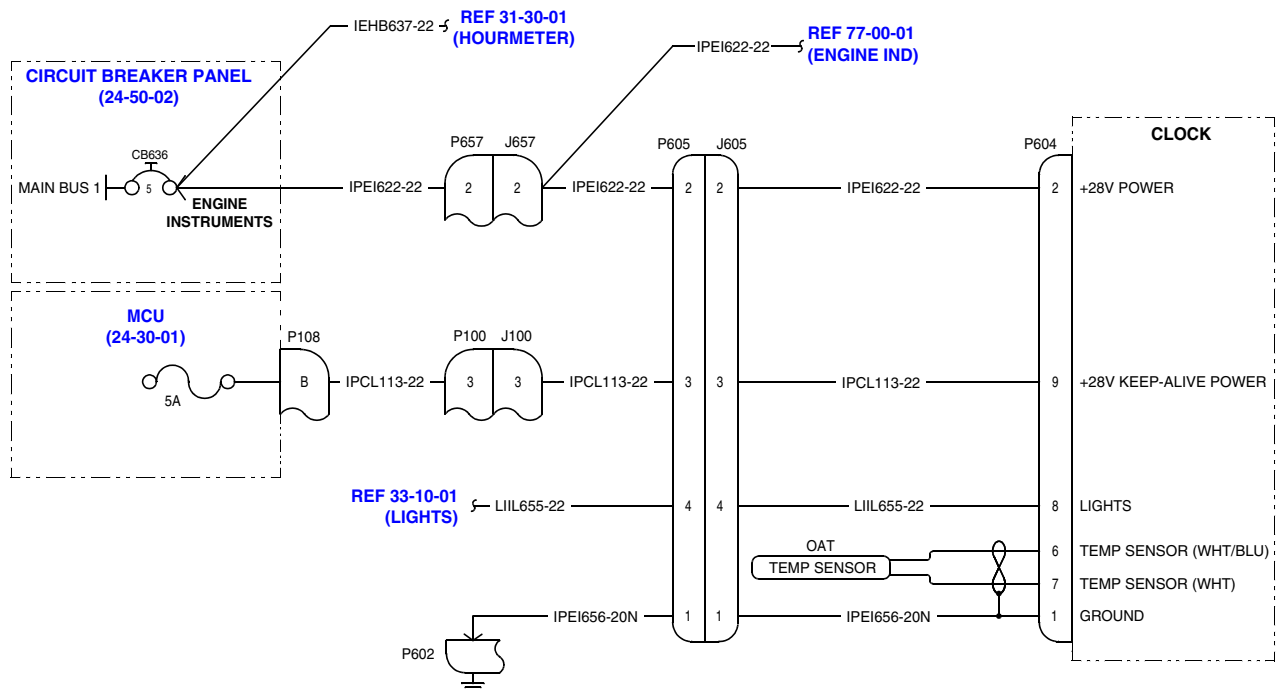
Figure-02
Clock/OAT Gage - Serials 22-0002 thru 22-0434

EFFECTIVITY:
Serials 22-0002 thru 22-0434

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Serials 22-0435 thru 22-0820 after SB2X-95-17.



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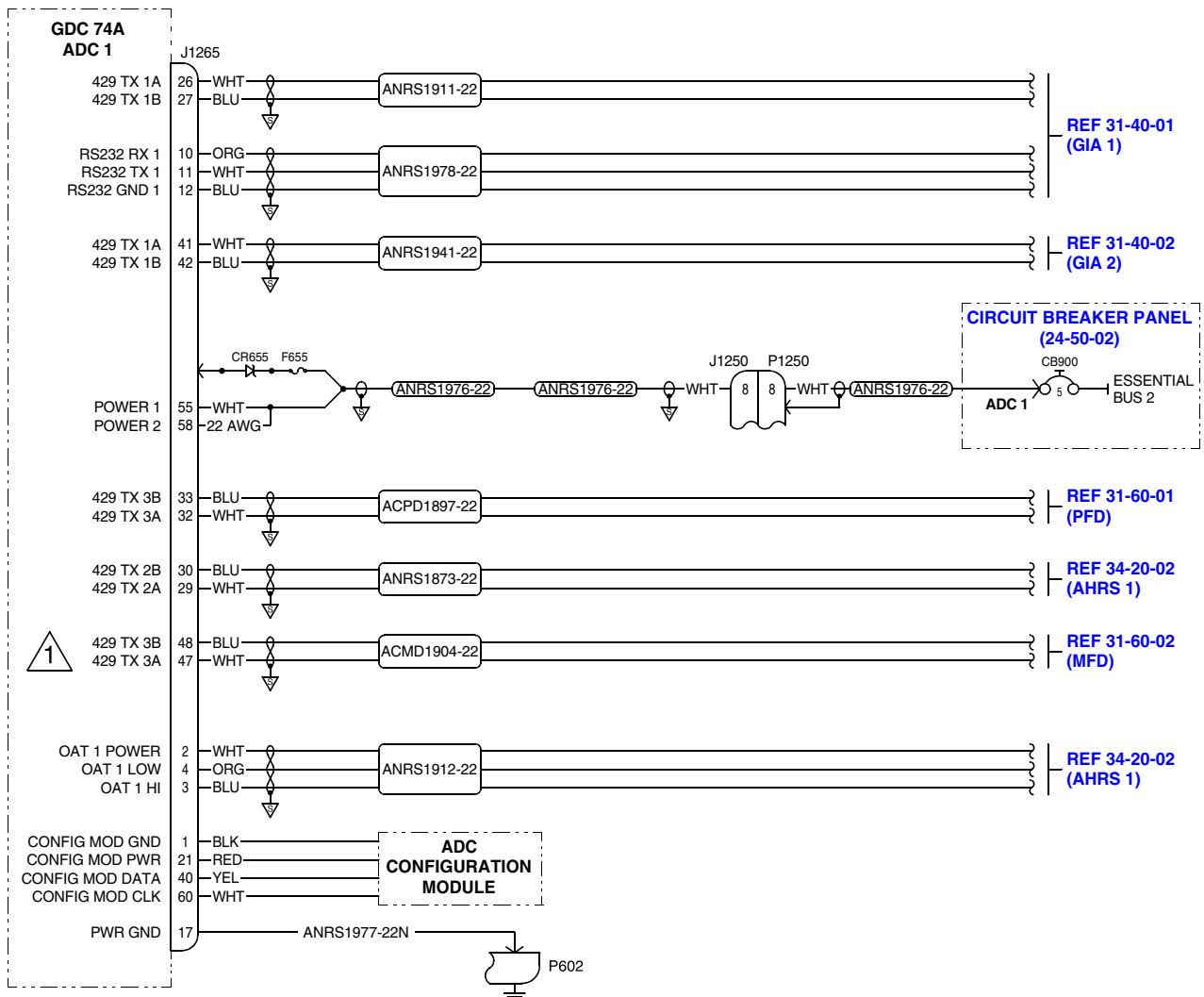
Refer to 91-10-00 for connector and pin information.

WM15396-01A

Figure-02
Clock/OAT Gage - Serials 22-0435 thru 22-0820

EFFECTIVITY:
Serials 22-0435 thru 22-0820

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NOTES

Refer to 91-10-00 for connector and pin information.

1 Airplanes with single ADC only.

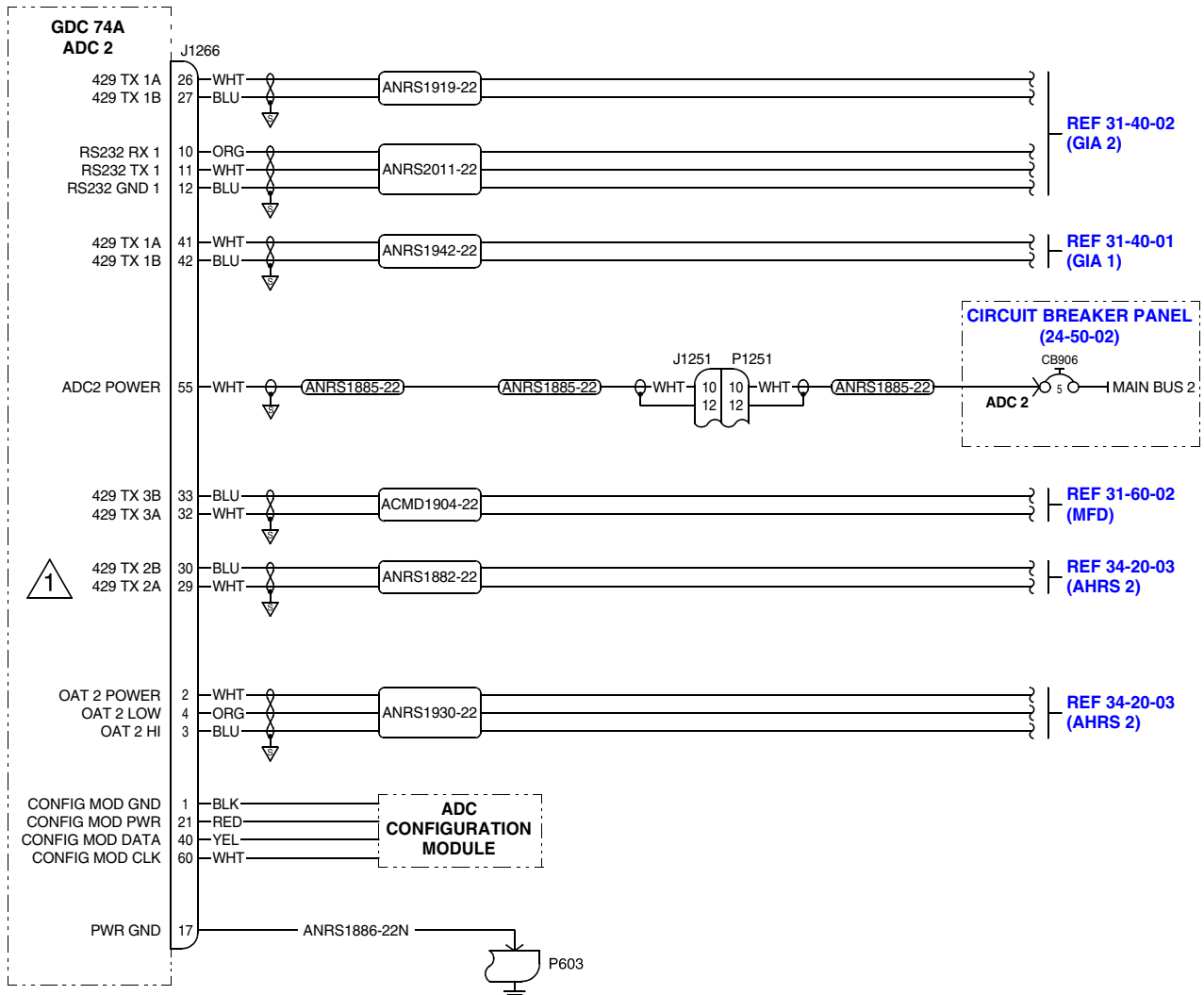
WM24570_12A

Figure-03

Air Data Computer 1 - Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

EFFECTIVITY:
 Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

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NOTES

Refer to 91-10-00 for connector and pin information.

1 Airplanes with dual AHRS only.

WM24570_14

Figure-04

Air Data Computer 2 - Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

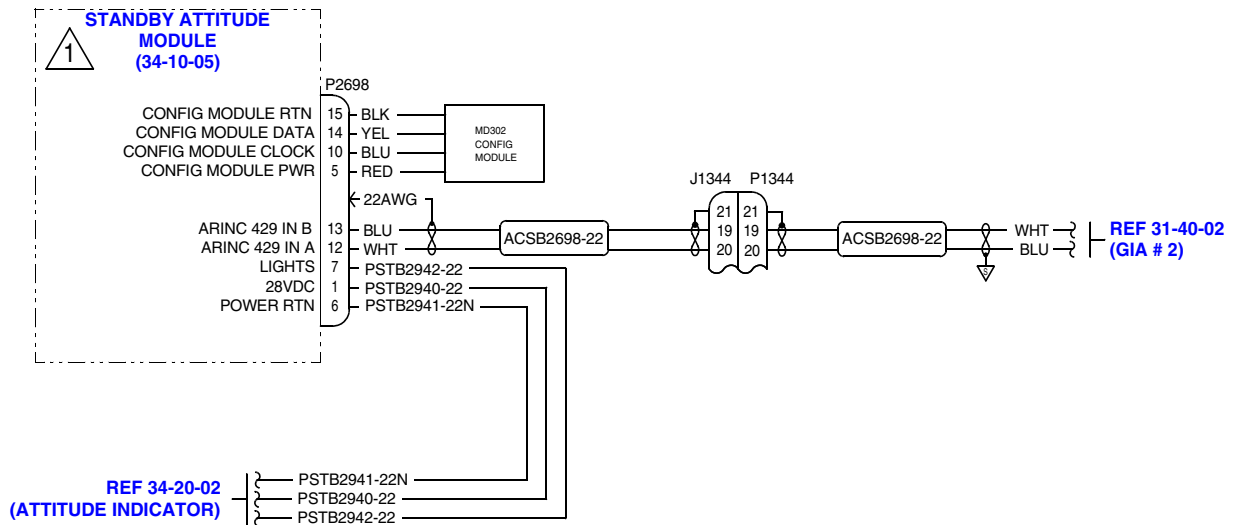
EFFECTIVITY:

Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

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NOTES

Refer to 91-10-00 for connector and pin information.

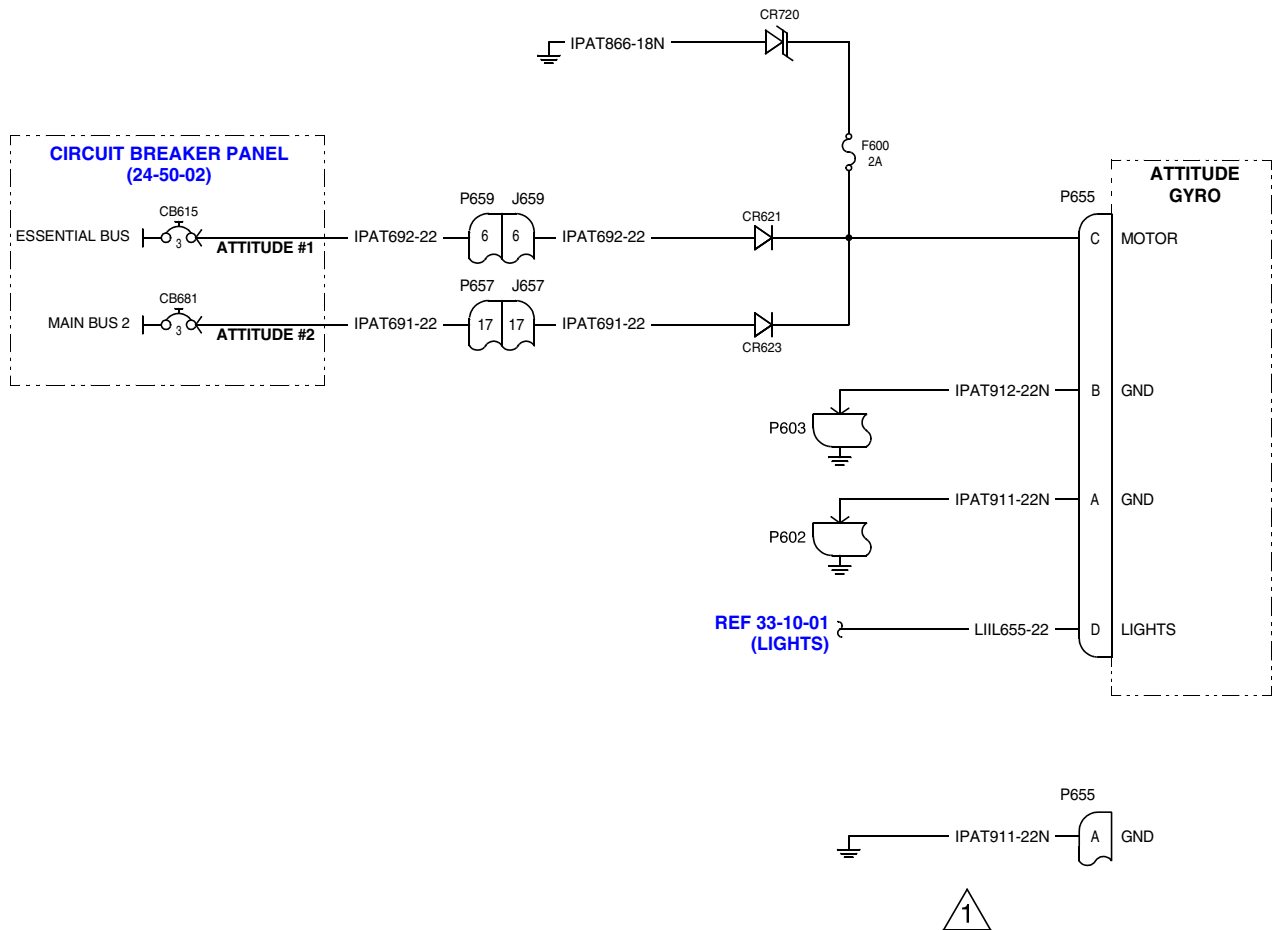
1 Serials w/ MD302 Standby Attitude Module.

WM31426_04

Figure-05
MD302 Standby Attitude Module - Serials 22-4164 & subs, 22T-0963 & subs w/ MD302

EFFECTIVITY:
 Serials 22-4164 & subs, 22T-0963 & subs w/ MD302

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 01 Jan 2016



NOTES

Refer to 91-10-00 for connector and pin information.

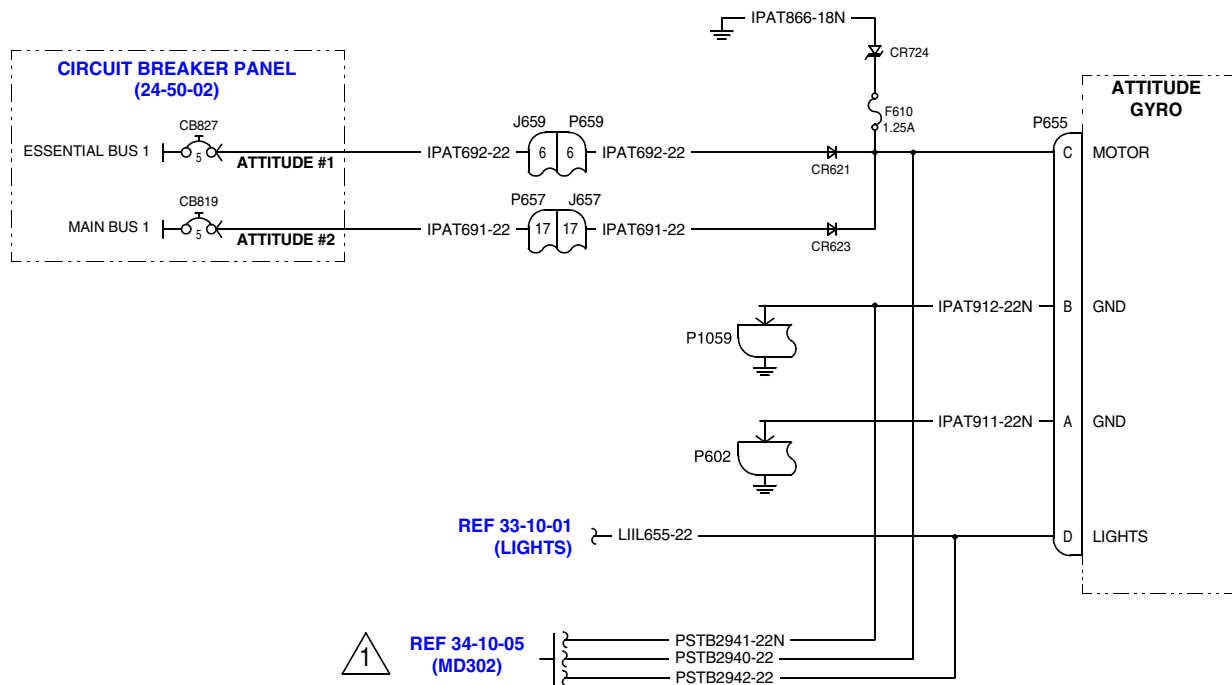
1 Serials 22-0002 thru 22-1643, 22-1645 thru 22-1662.

WM16109_01A

Figure-01
Attitude Indicator - Serials 22-0002 & subs w/o Perspective

EFFECTIVITY:
Serials 22-0002 & subs w/o Perspective

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NOTES

Refer to 91-10-00 for connector and pin information.

1 Serials 22-4164 & subs, 22T-0963 & subs.

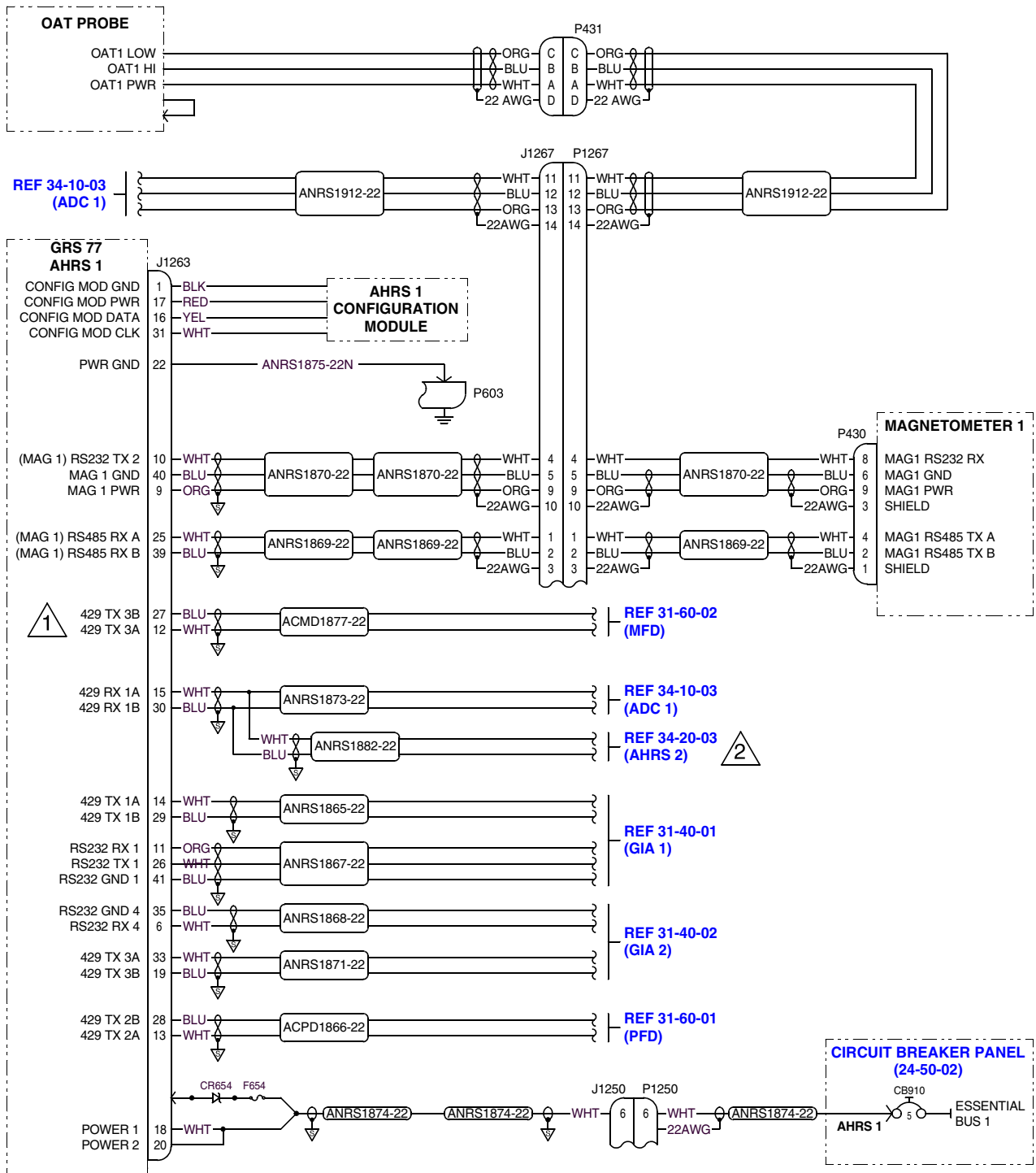
WM24562_04B

Figure-01

Attitude Indicator - Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

EFFECTIVITY:
Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

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NOTES

Refer to 91-10-00 for connector and pin information.

1 Airplanes with single AHRS only.

2 Airplanes with single ADC only.

WM24570_16A

Figure-02

Attitude and Heading Reference 1 - Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

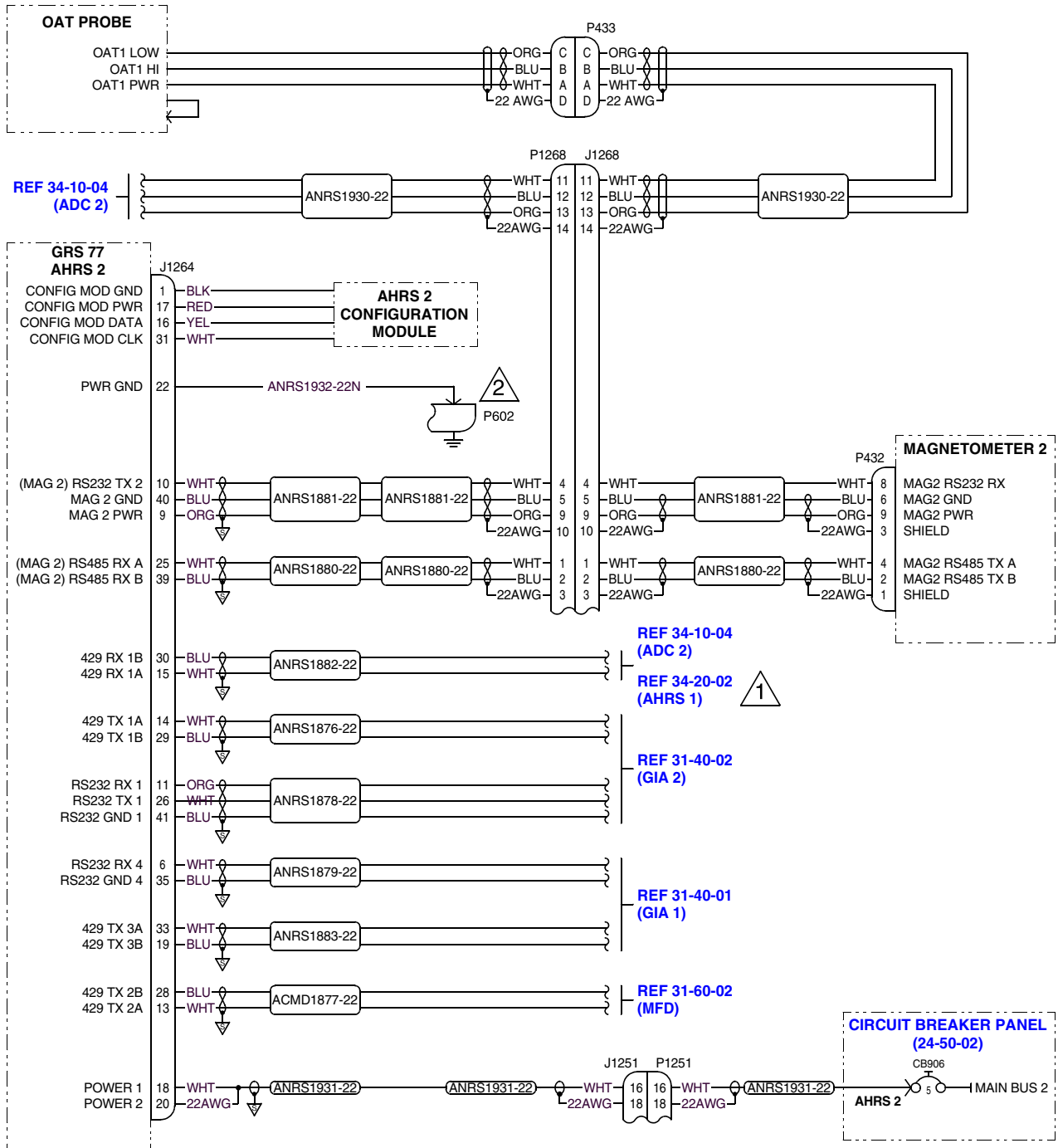
EFFECTIVITY:

Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

34-20-02

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NOTES

Refer to 91-10-00 for connector and pin information.

1 Airplanes with single ADC only.

2 Serials 22-3026 thru 22-3445: Connector is labeled P603.

WM24570_18A

Figure-03

Attitude and Heading Reference 2 - Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

EFFECTIVITY:
Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

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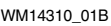


Figure-01

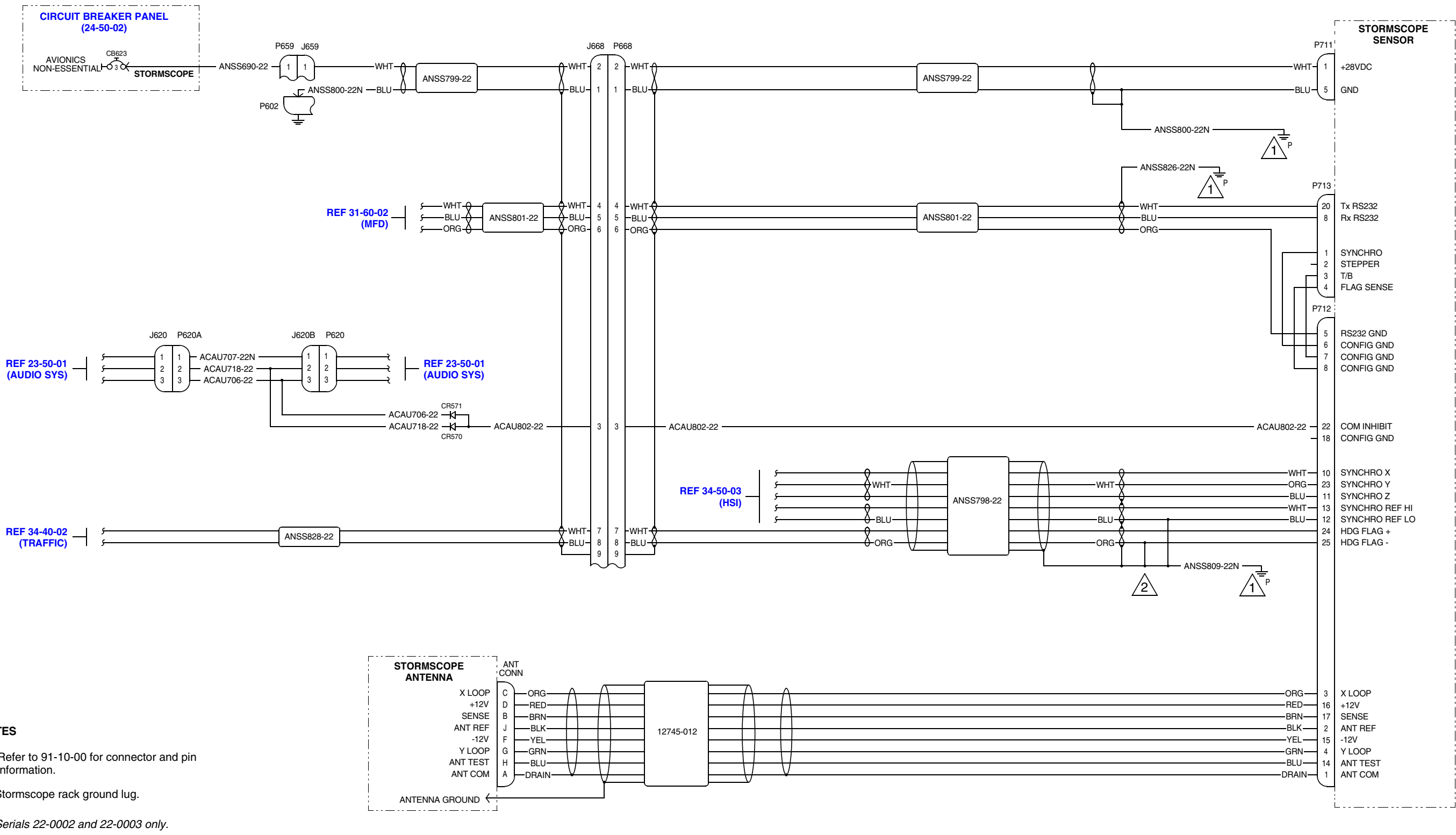


Figure-01
Stormscope System - Serials 22-0002 thru 22-0074 w/ Sandel HSI

EFFECTIVITY:
Serials 22-0002 thru 22-0074 w/ Sandel HSI

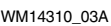


Figure-01

EFFECTIVITY:

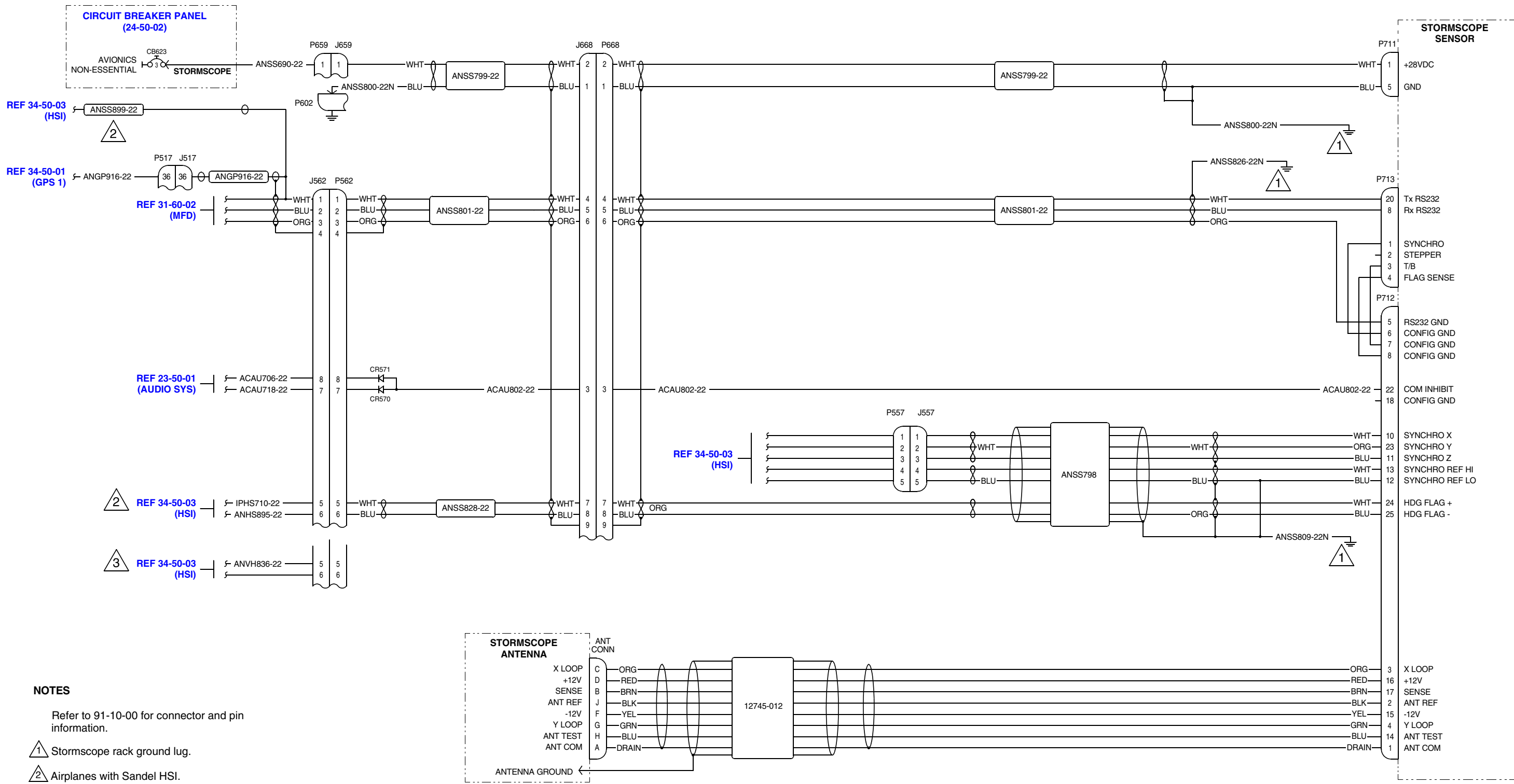
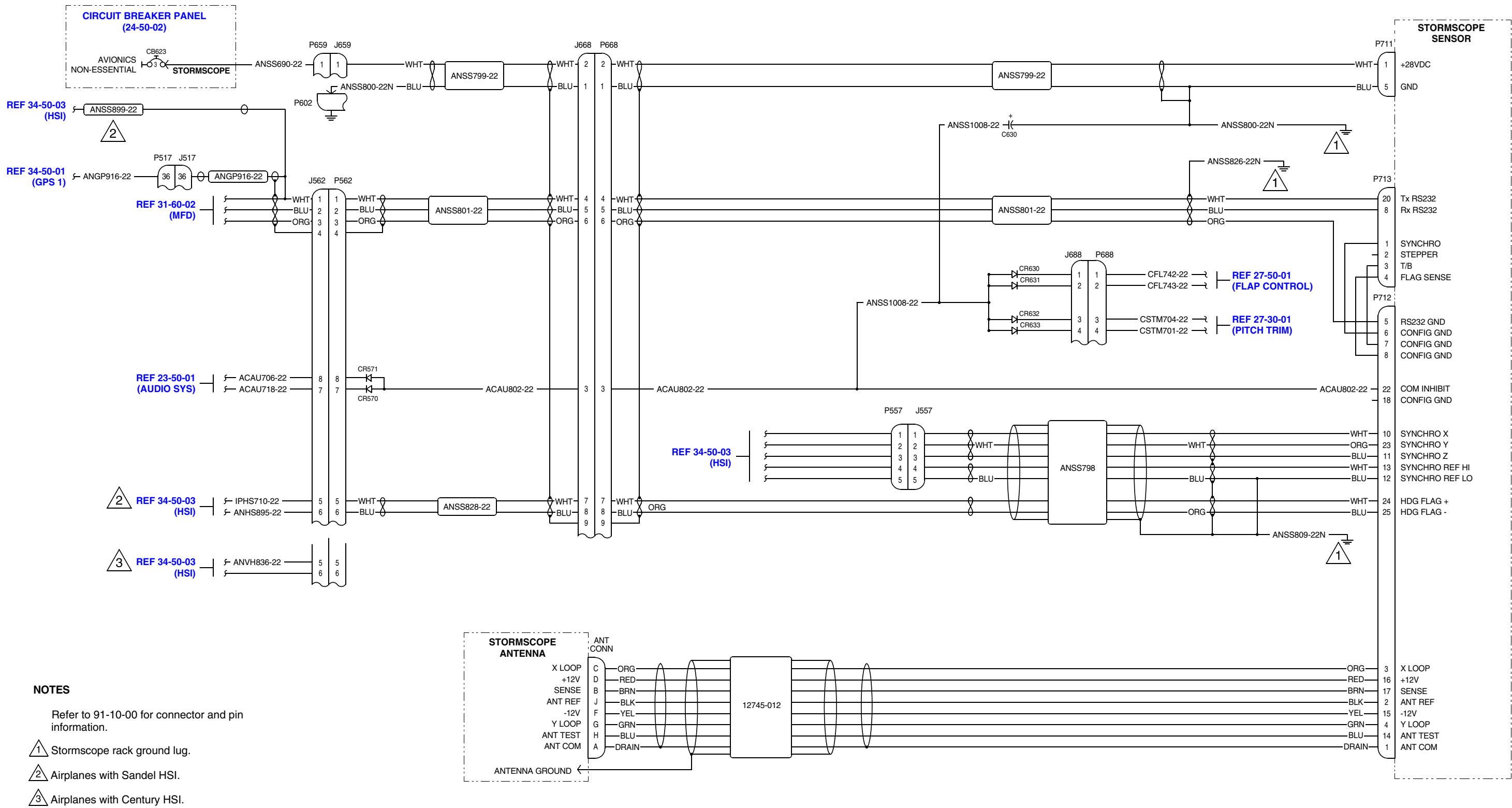


Figure-01
Stormscope System - Serials 22-0142 thru 22-0270 w/o Inverter

EFFECTIVITY:
Serials 22-0142 thru 22-0270 w/o Inverter



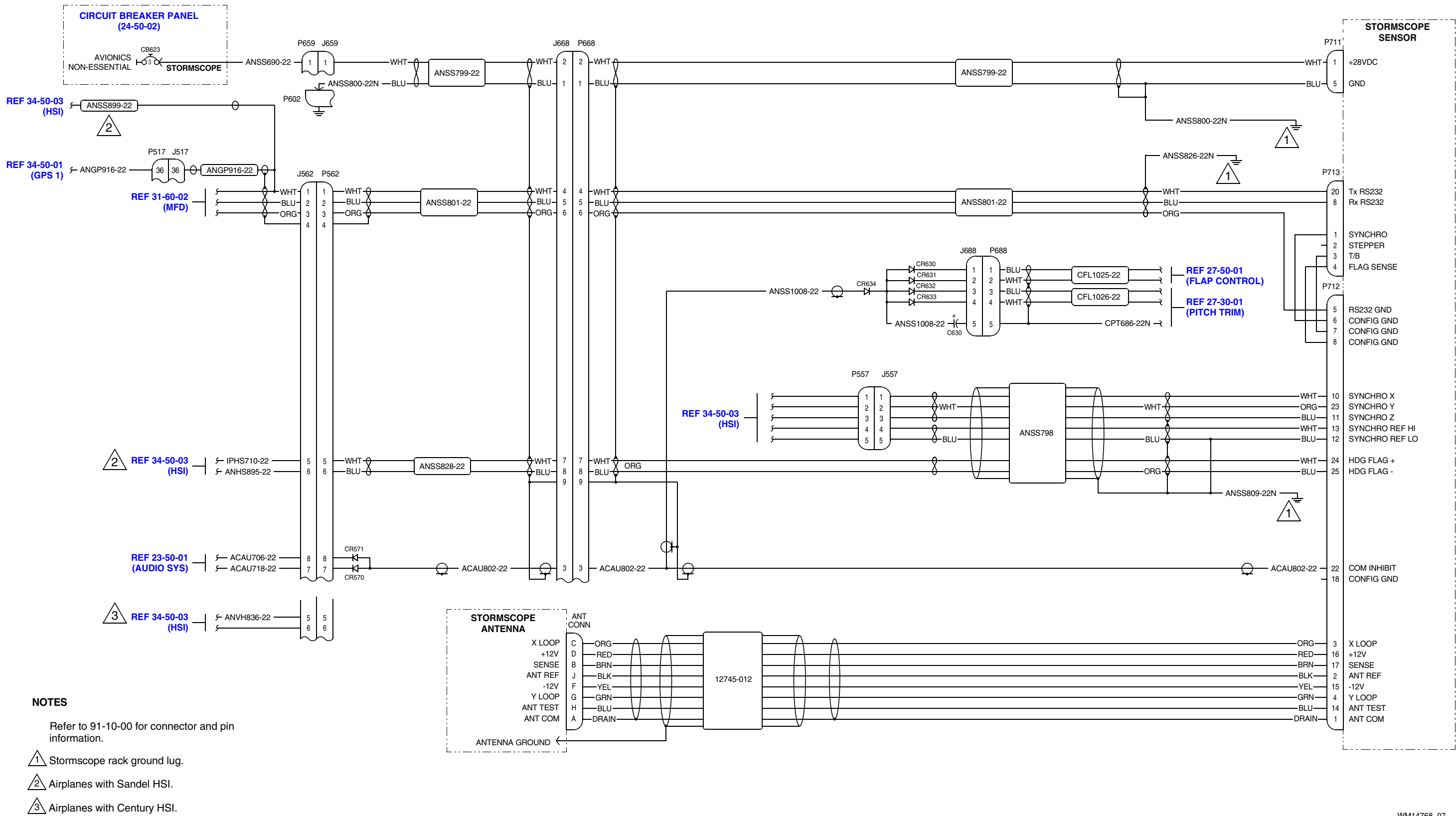
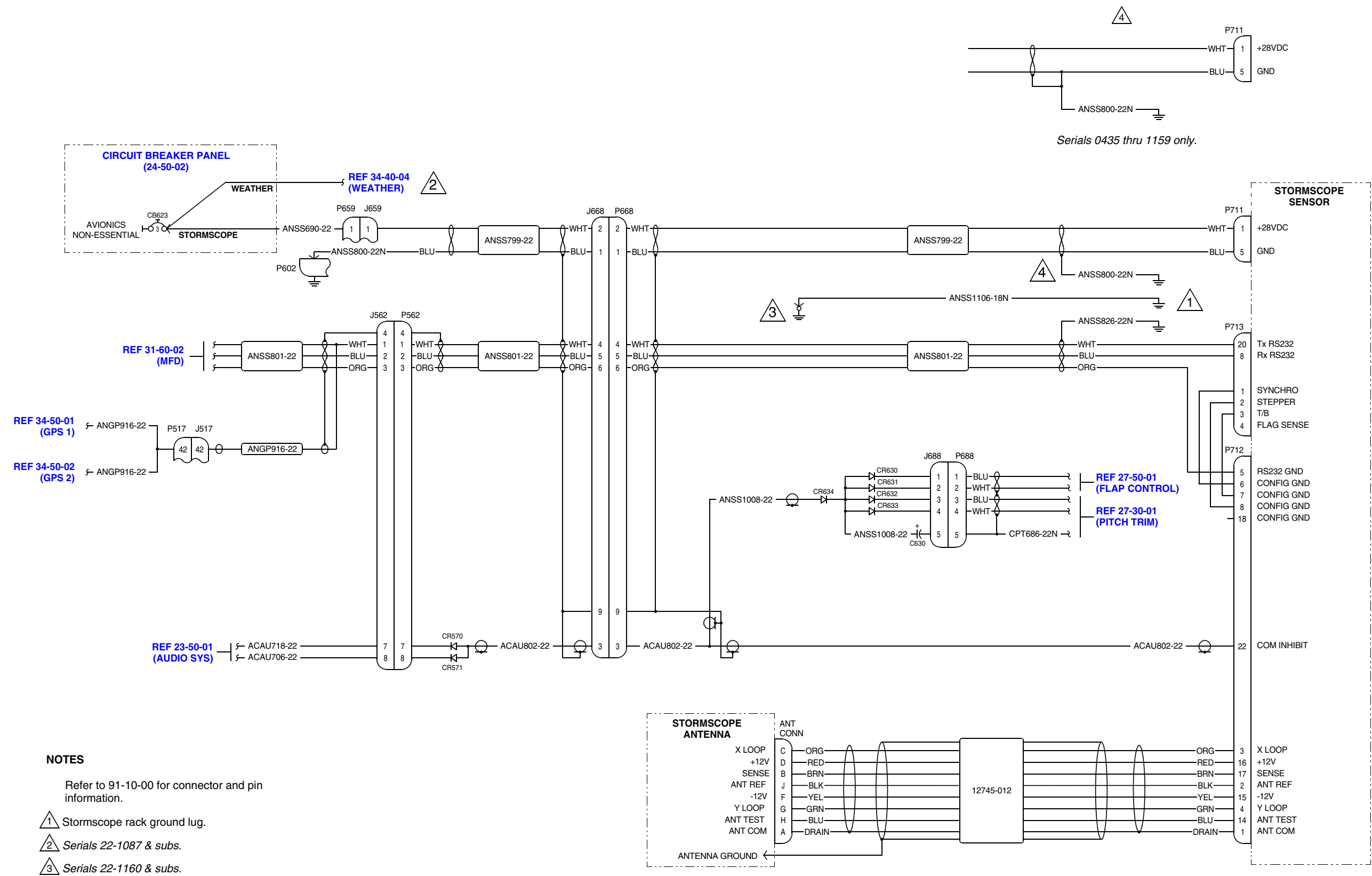


Figure-01
Stormscope System - Serials 22-0306 thru 22-0434



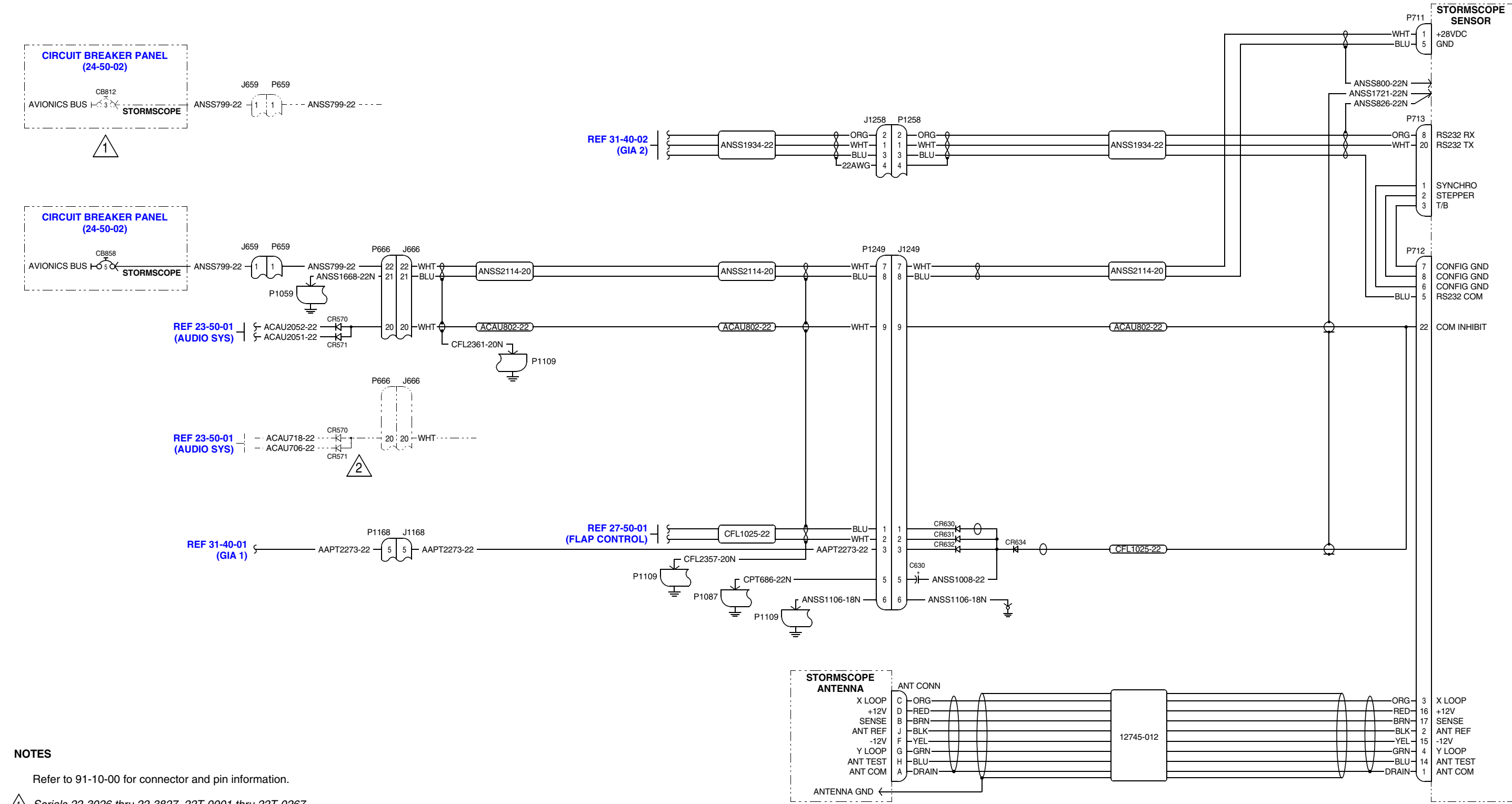
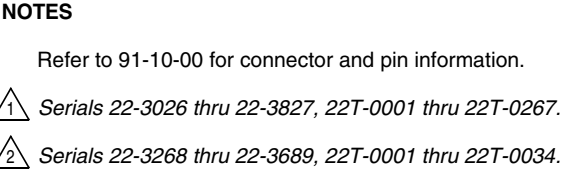


Figure-01

Stormscope System - Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

EFFECTIVITY:
Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

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EFFECTIVITY:
Serials 22-3446 & subs, 22T-0001 & subs w/ Sys 55
AP

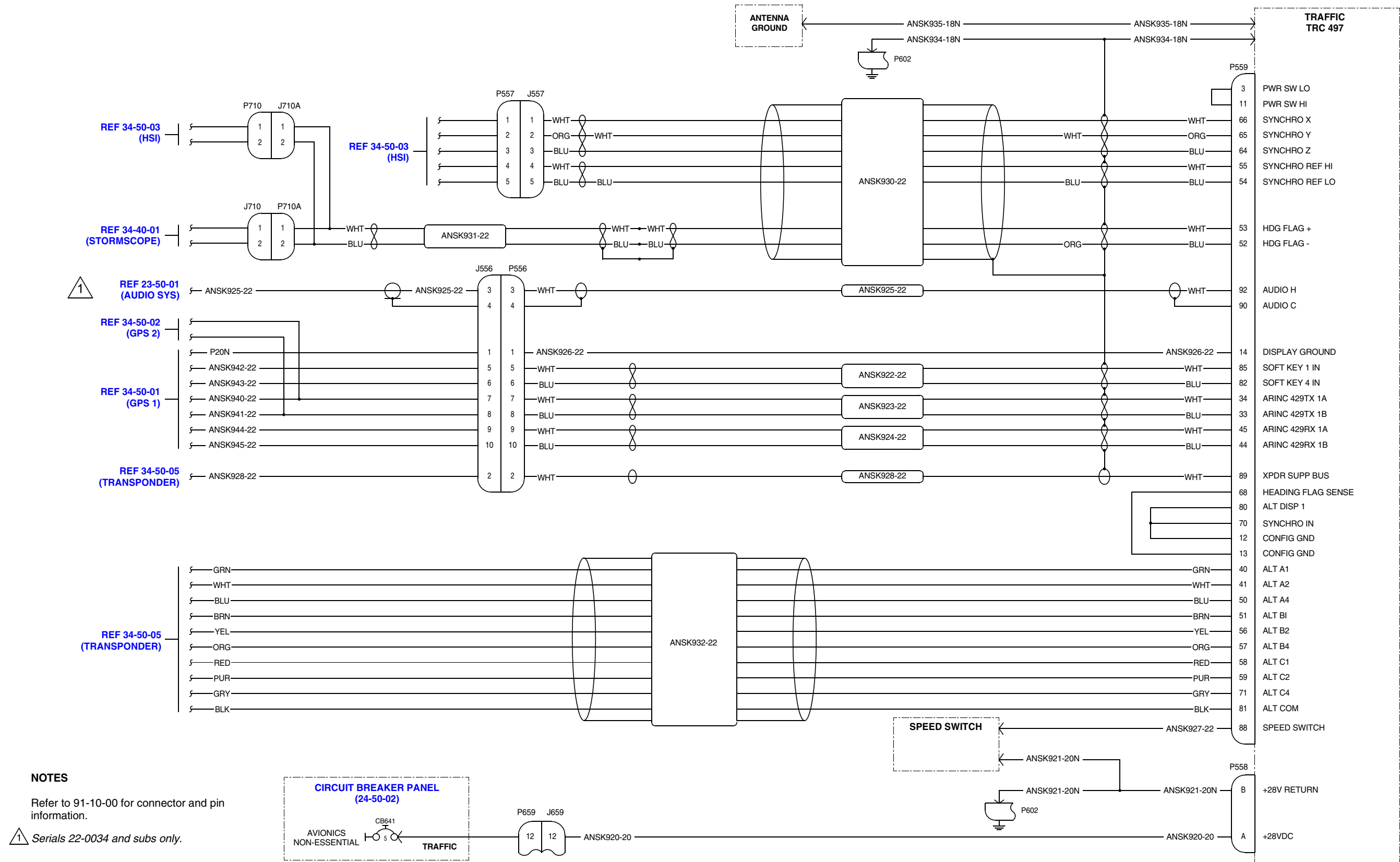
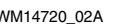


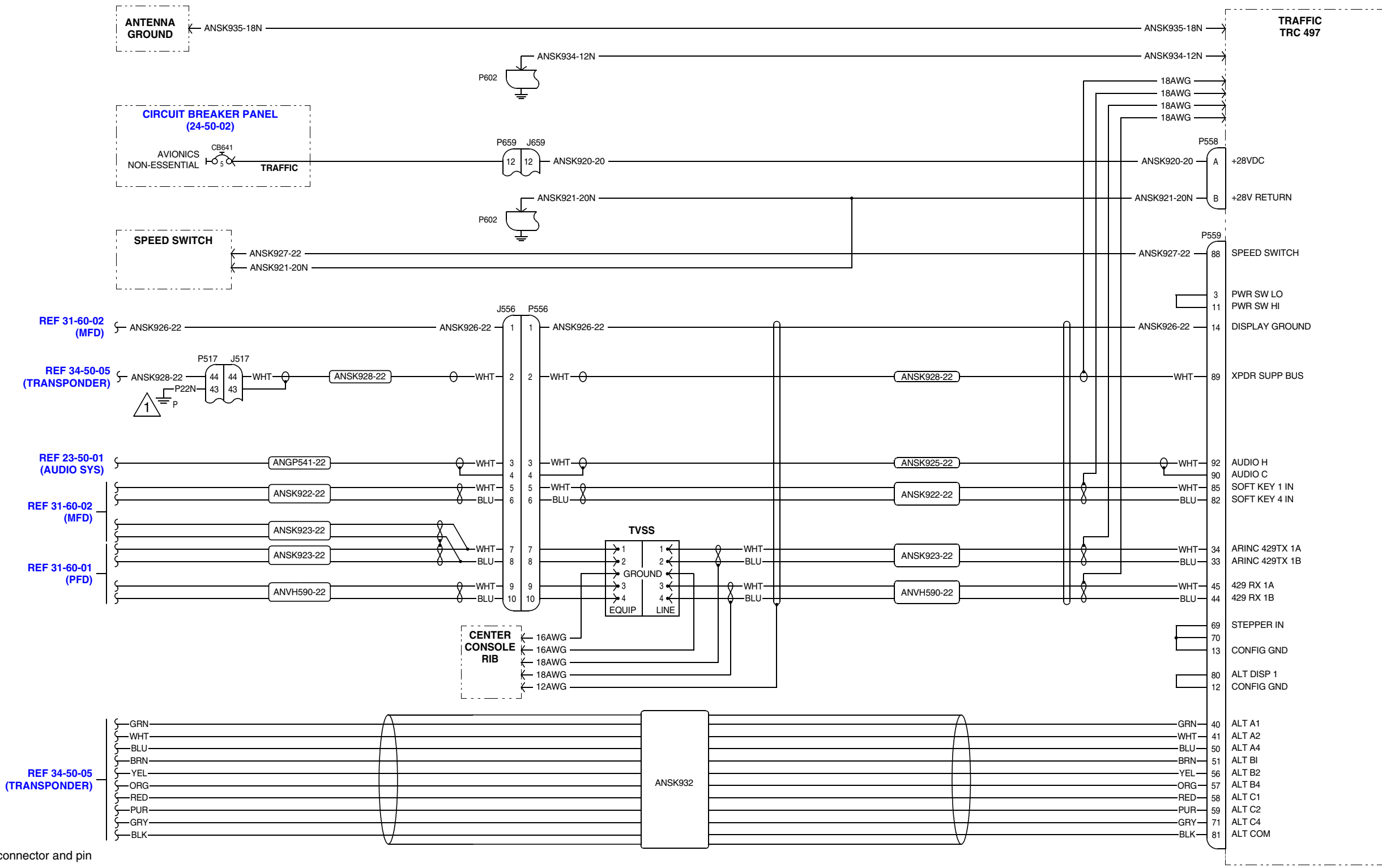
Figure-02

Traffic - Serials 22-0002 thru 22-0141

EFFECTIVITY:
Serials 22-0002 thru 22-0141



EFFECTIVITY:
Serials 22-0142 thru 22-0434



NOTES

Refer to 91-10-00 for connector and pin information.

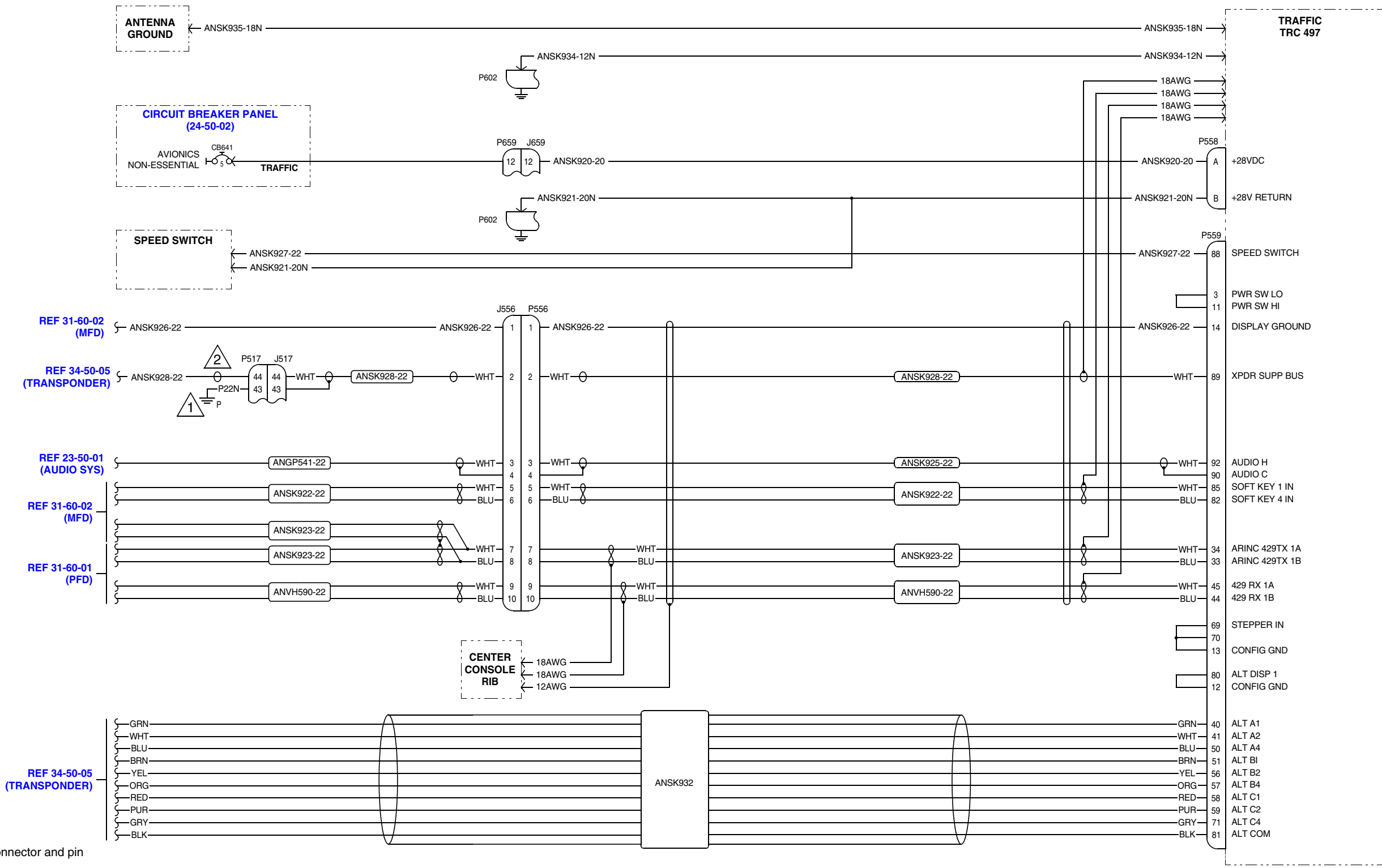
1 Power grounds (labeled "P") are spliced into P518 Pin A1.

Figure-02

Traffic - Serials 22-0435 thru 22-0564

EFFECTIVITY:

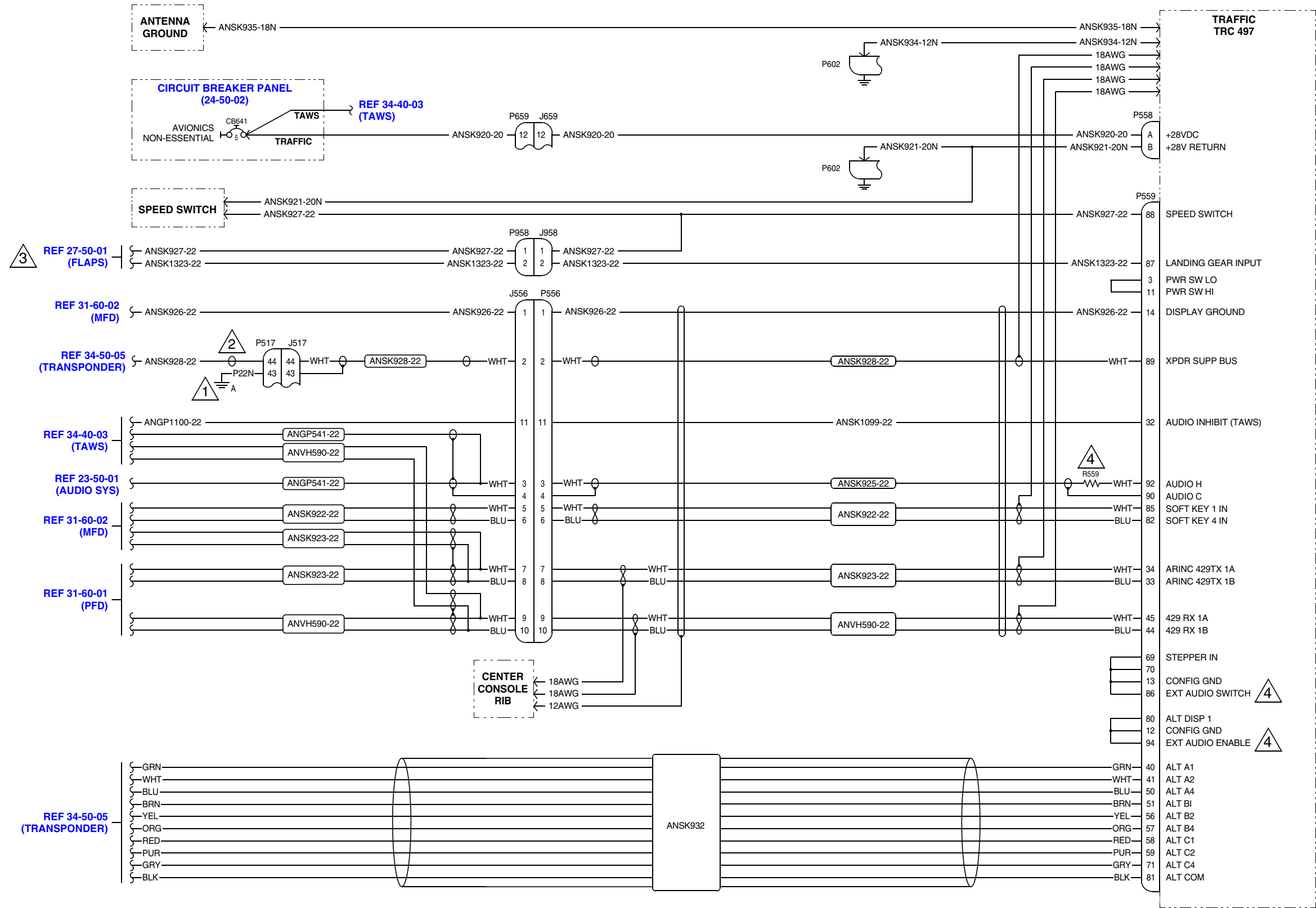
Serials 22-0435 thru 22-0564



- NOTES**
- Refer to 91-10-00 for connector and pin information.
- 1 Power grounds (labeled "P") are spliced into P518 Pin A1.
- 2 Serials 22-0821 & subs w/ Mode S.

Figure-02
Traffic - Serials 22-0565 thru 22-1035

EFFECTIVITY:
Serials 22-0565 thru 22-1035



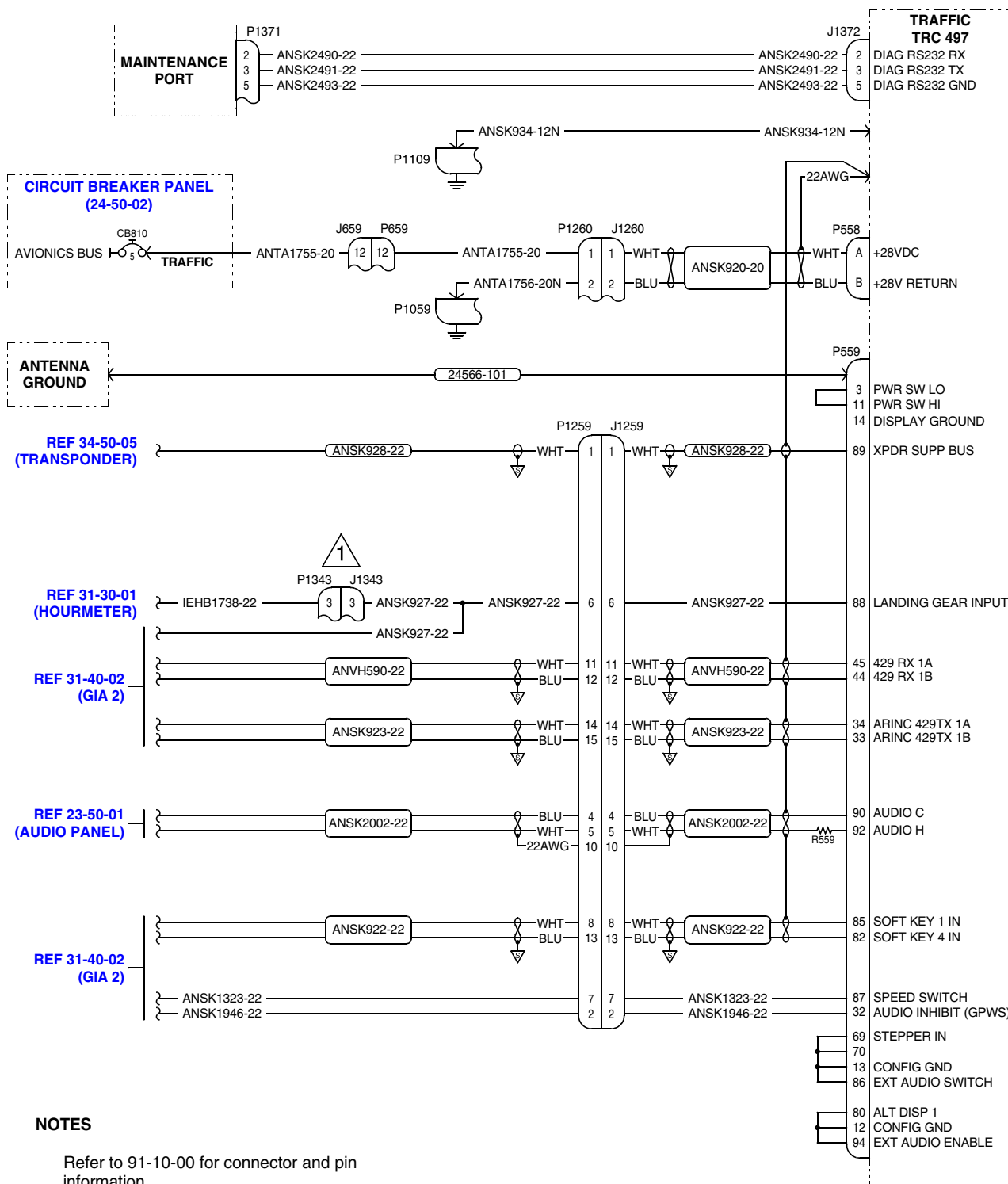
- NOTES**
- Refer to 91-10-00 for connector and pin information.
- 1 Audio grounds (labeled "A") are inserted into P530 (back of radio rack) any pin.
- 2 Airplanes w/ Mode S only.
- 3 Serials 22-1644, 22-1663 & subs only.
- 4 Serials 22-2345 & subs only.

REF 34-50-05
(TRANSPONDER)

Figure-02

Traffic - Serials 22-1036 & subs w/o Perspective

EFFECTIVITY:
Serials 22-1036 & subs w/o Perspective



NOTES

Refer to 91-10-00 for connector and pin information.

- 1 Serials 22-3026 thru 22-3102 before SB 2X-91-01:
Connector is labeled J1243, and P1243.

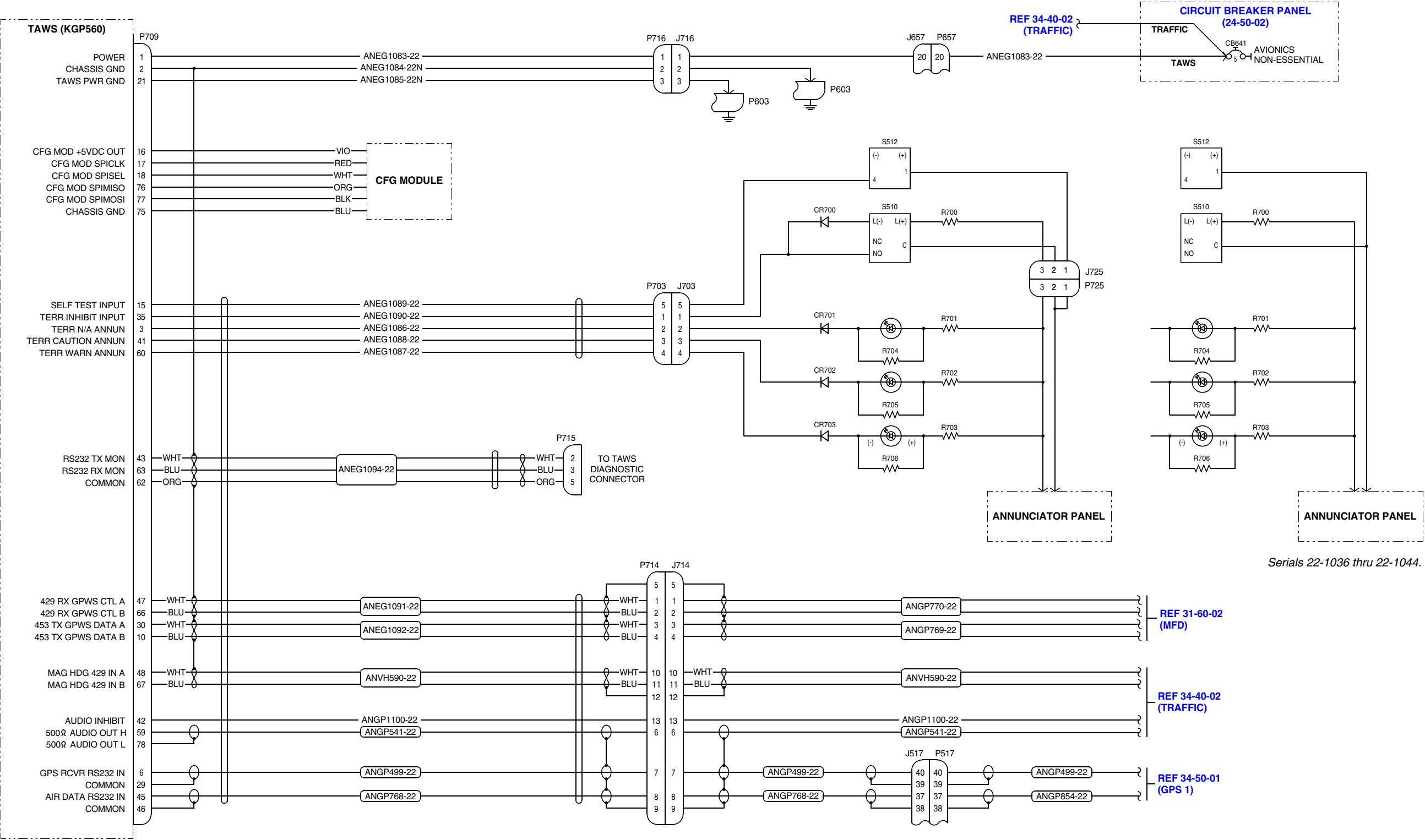
WM24566_02A

Figure-02
Traffic - Serials 22-3026 & subs w/ Perspective



4 Serials w/ GDL 88 (UAT).

EFFECTIVITY:
Serials 22-3665 & subs w/ Perspective, 22T-0001 &
subs



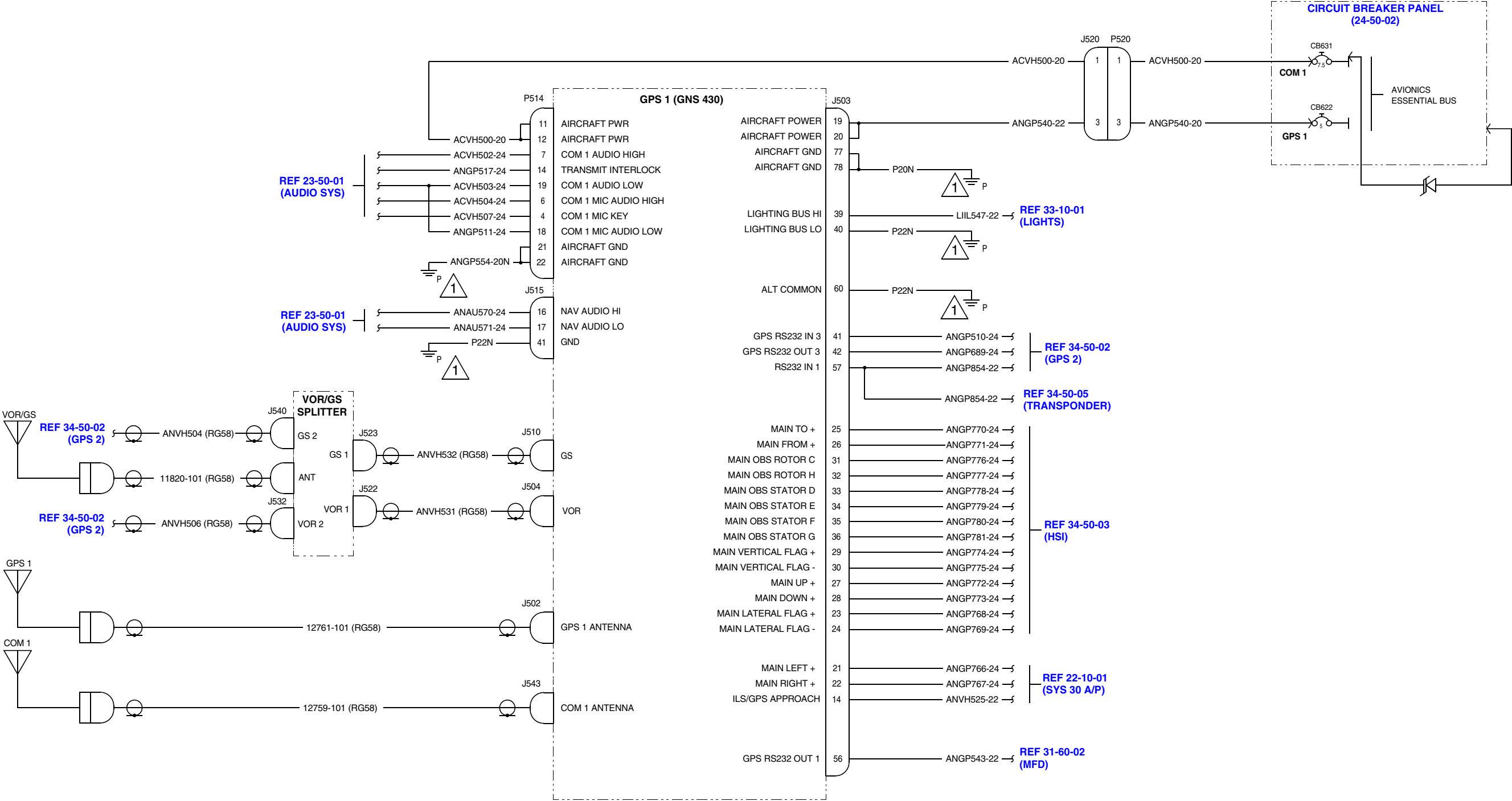
Serials 22-1036 thru 22-1044.

NOTES

Refer to 91-10-00 for connector and pin information.

Figure-03
Terrain Awareness & Warning System - Serials 22-1036 & subs

EFFECTIVITY:
Serials 22-1036 & subs



NOTES

Refer to 91-10-00 for connector and pin information.

1 Power grounds (labeled "P") are spliced into P518 Pin A1.

Figure-01
GPS 1 - Serials 22-0002 thru 22-0033 w/ Century HSI

EFFECTIVITY:
Serials 22-0002 thru 22-0033 w/ Century HSI

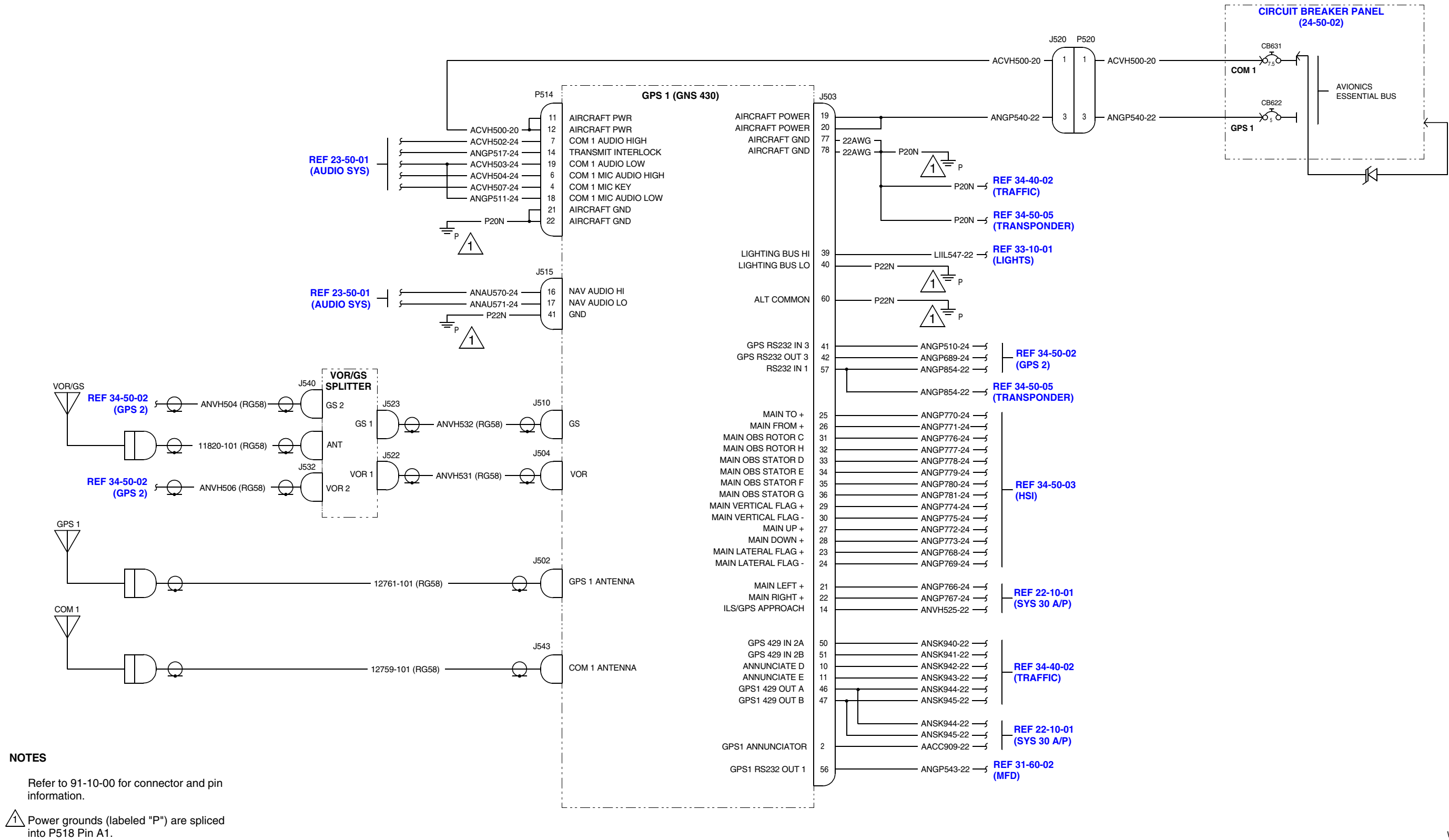
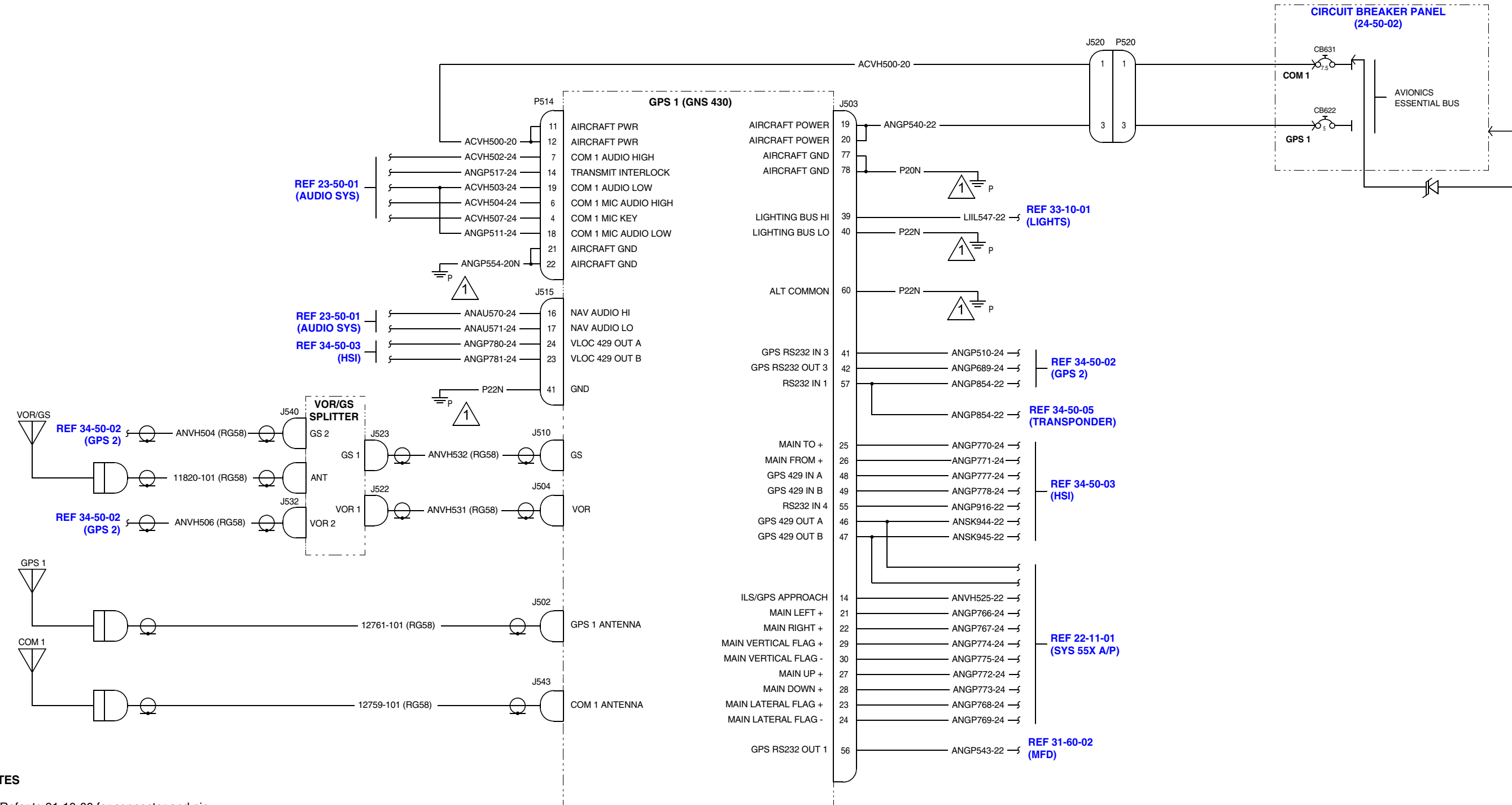


Figure-01
GPS 1 - Serials 22-0034 thru 22-0141 w/ Century HSI

EFFECTIVITY:
Serials 22-0034 thru 22-0141 w/ Century HSI



NOTES

Refer to 91-10-00 for connector and pin information.

⚠ Power grounds (labeled "P") are spliced into P518 Pin A1.

Figure-01
GPS 1 - Serials 22-0002 thru 22-0033 w/ Sandel HSI

EFFECTIVITY:
Serials 22-0002 thru 22-0033 w/ Sandel HSI

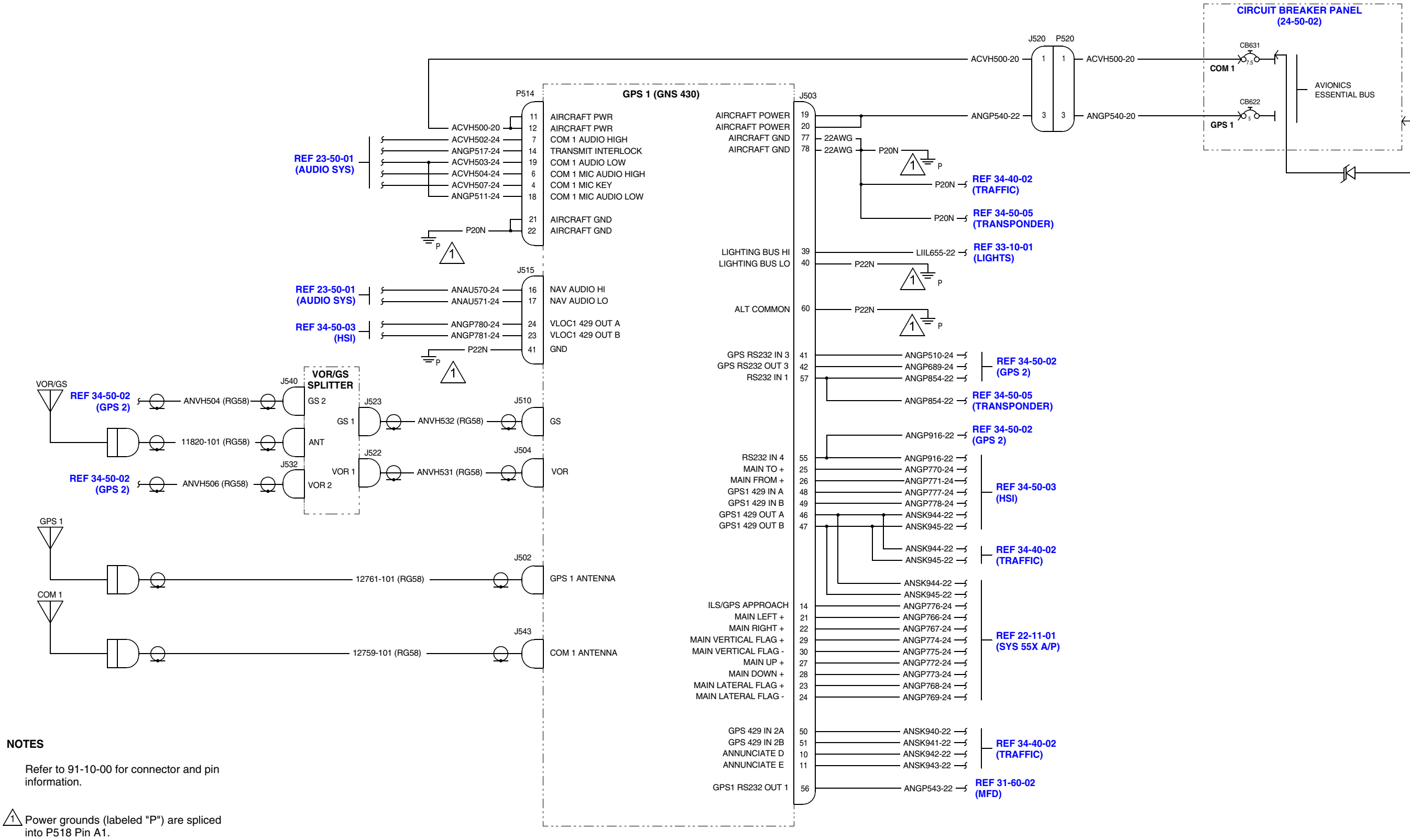


Figure-01
GPS 1 - Serials 22-0034 thru 22-0141 w/ Sandel HSI

EFFECTIVITY:
Serials 22-0034 thru 22-0141 w/ Sandel HSI

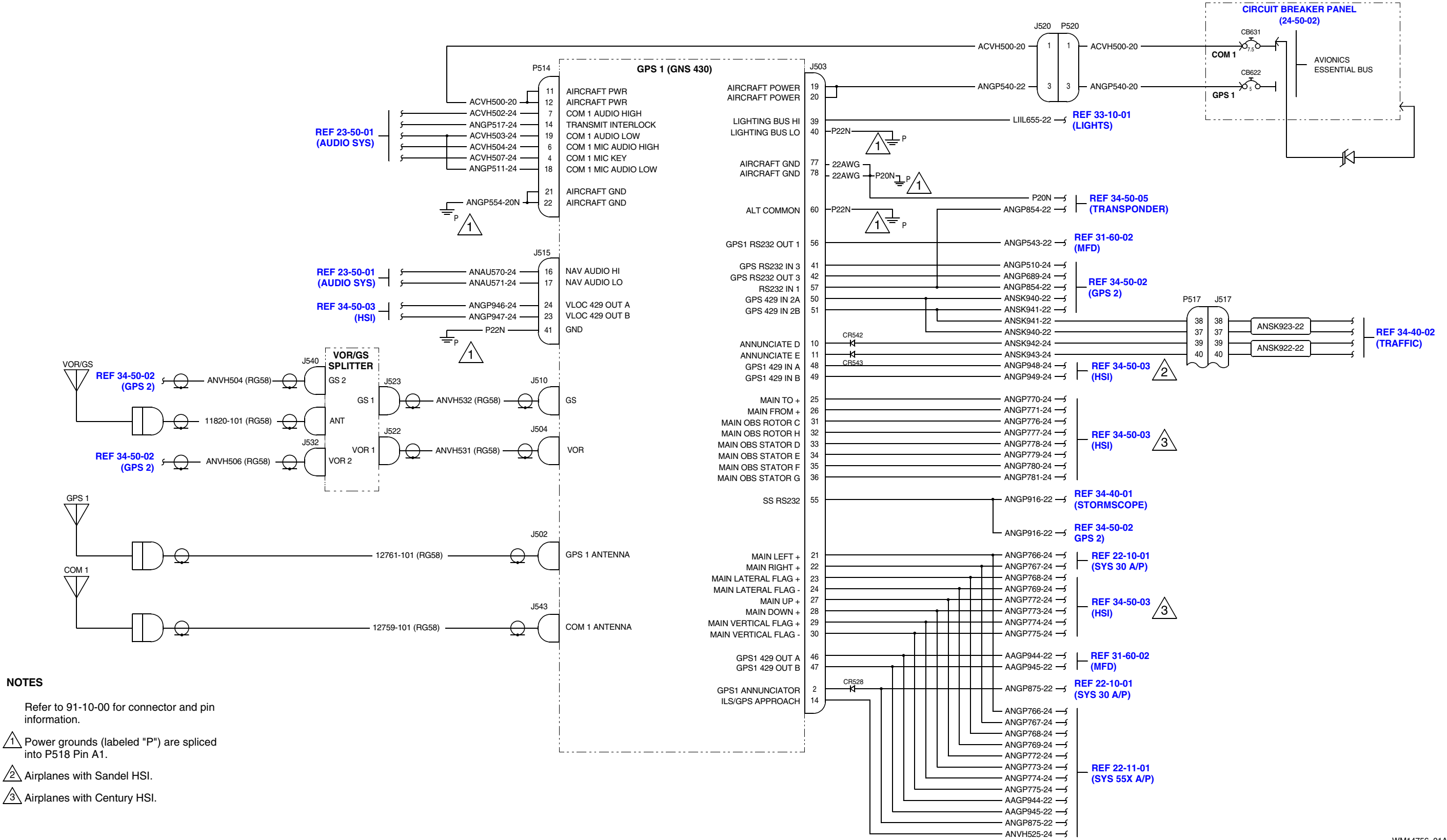
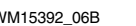


Figure-01
GPS 1 - Serials 22-0142 thru 22-0434

EFFECTIVITY:
Serials 22-0142 thru 22-0434



NOTES

Refer to 91-10-00 for connector and pin information.

- 1 Power grounds (labeled "P") are spliced into P518 Pin A1.
- 2 Audio grounds (labeled "A") are inserted into P530 (back of radio rack) any pin.
- 3 Serials 22-1036 thru 22-1643, 22-1645 thru 22-1662.
- 4 Serials 22-1644, 22-1663 thru 22-2333, 22-2335 thru 22-2419, 22-2421 thru 22-2437.

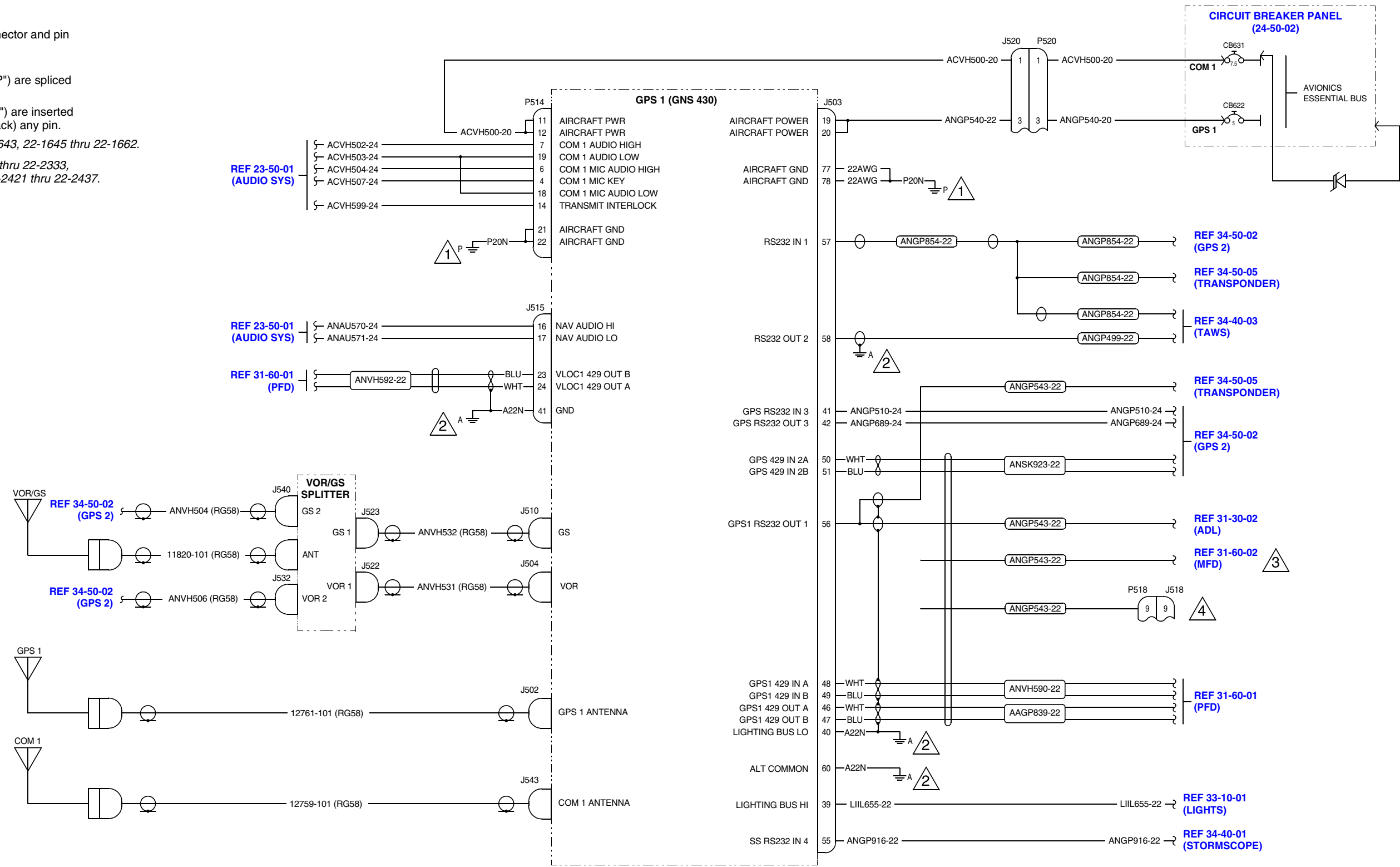
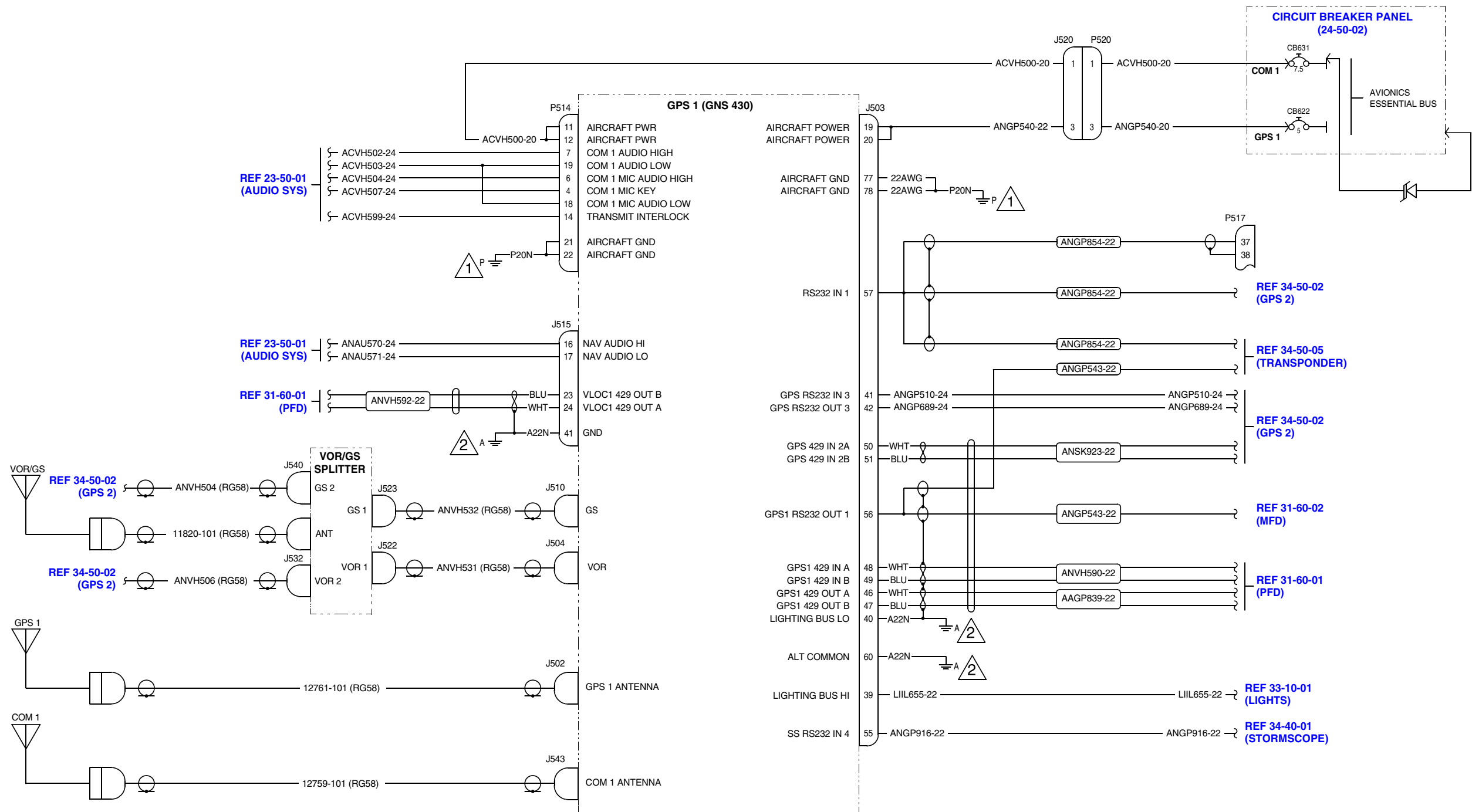


Figure-01
GPS 1 - Serials 22-1036 & subs

EFFECTIVITY:
Serials 22-1036 & subs



NOTES

Refer to 91-10-00 for connector and pin information.

1 Power grounds (labeled "P") are spliced into P518 Pin A1.

2 Audio grounds (labeled "A") are inserted into P530 (back of radio rack) any pin.

Figure-01
GPS 1 - Serials 22-0821 thru 22-1035 w/ Mode S

EFFECTIVITY:
Serials 22-0821 thru 22-1035 w/ Mode S

NOTES

- 1
- Refer to 91-10-00 for connector and pin information.
- 2
- Power grounds (labeled "P") are spliced into P518 Pin A1.
- 3
- Audio grounds (labeled "A") are inserted into P530 (back of radio rack) any pin.
- 4
- Serials 22-1036 thru 22-1643, 22-1645 thru 22-1662.
- 5
- Serials 22-1644, 22-1663 thru 22-2333, 22-2335 thru 22-2419, 22-2421 thru 22-2437.

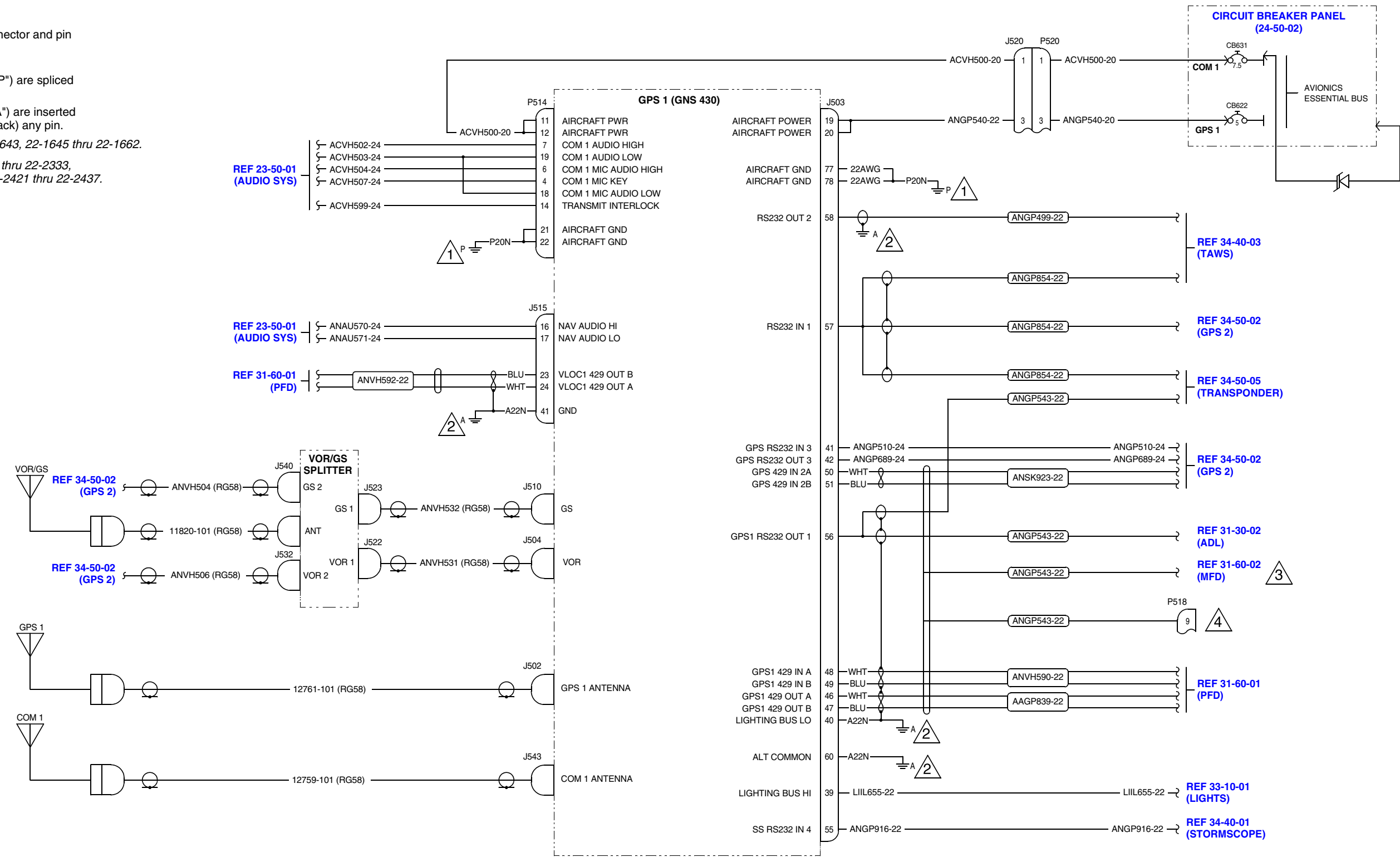


Figure-01
GPS 1 - Serials 22-1036 & subs w/ Mode S

EFFECTIVITY:
Serials 22-1036 & subs w/ Mode S

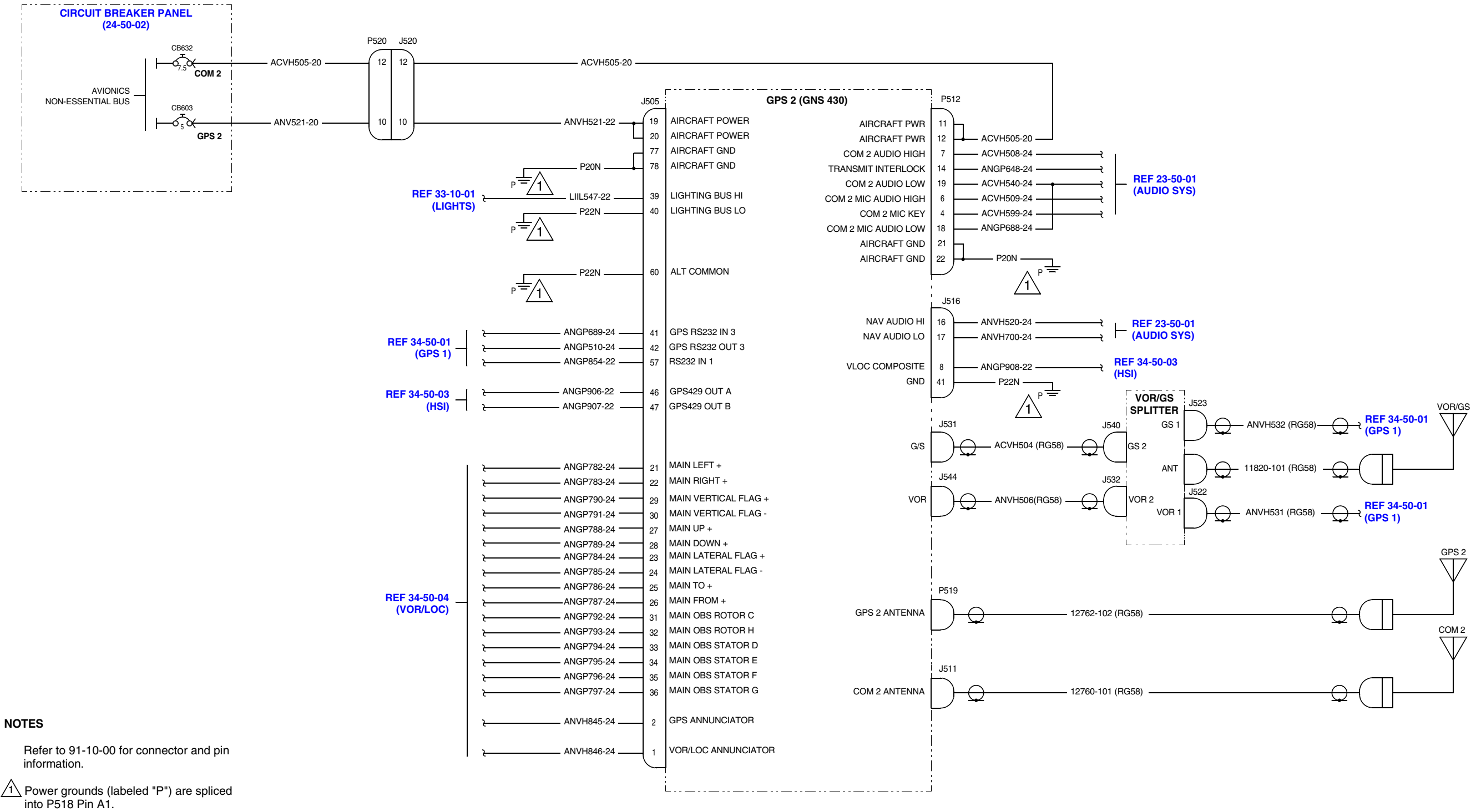


Figure-02
GPS 2 - Serials 22-0002 thru 22-0033 w/ Sandel HSI

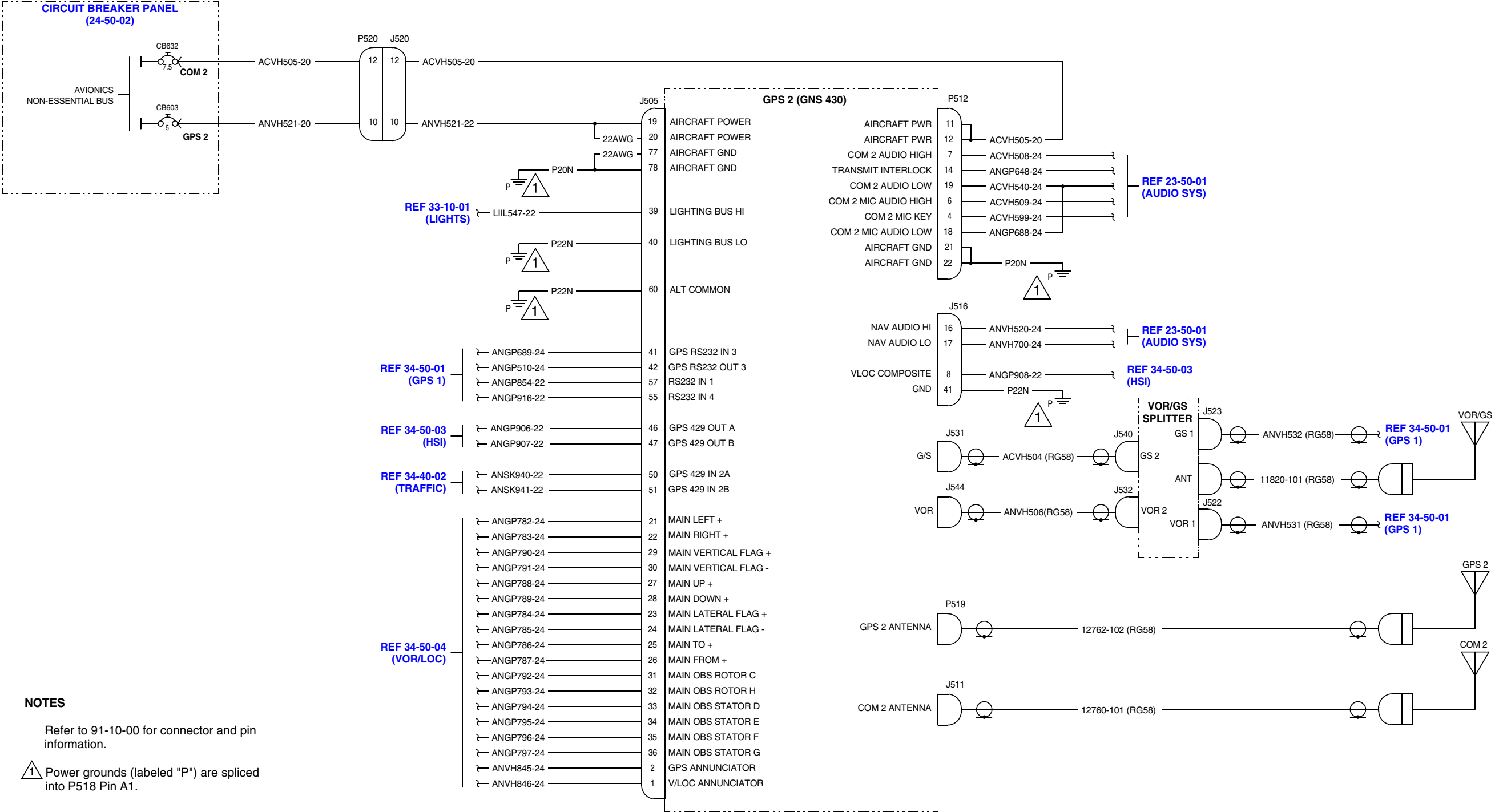
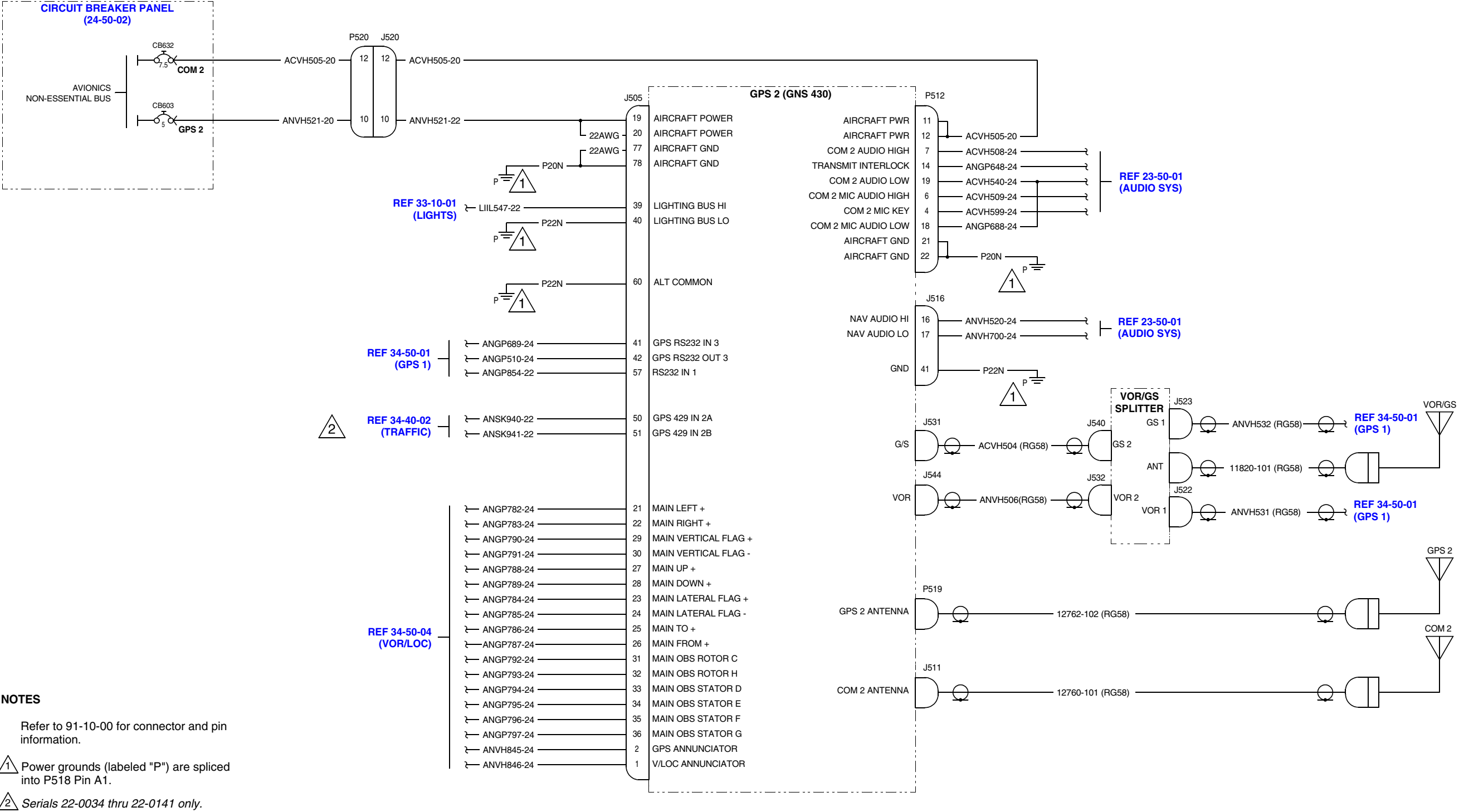


Figure-02
GPS 2 - Serials 22-0034 thru 22-0141 w/ Sandel HSI



NOTES

Refer to 91-10-00 for connector and pin information.

1 Power grounds (labeled "P") are spliced into P518 Pin A1.

2 Serials 22-0034 thru 22-0141 only.

Figure-02
GPS 2 - Serials 22-0002 thru 22-0141 w/ Century HSI

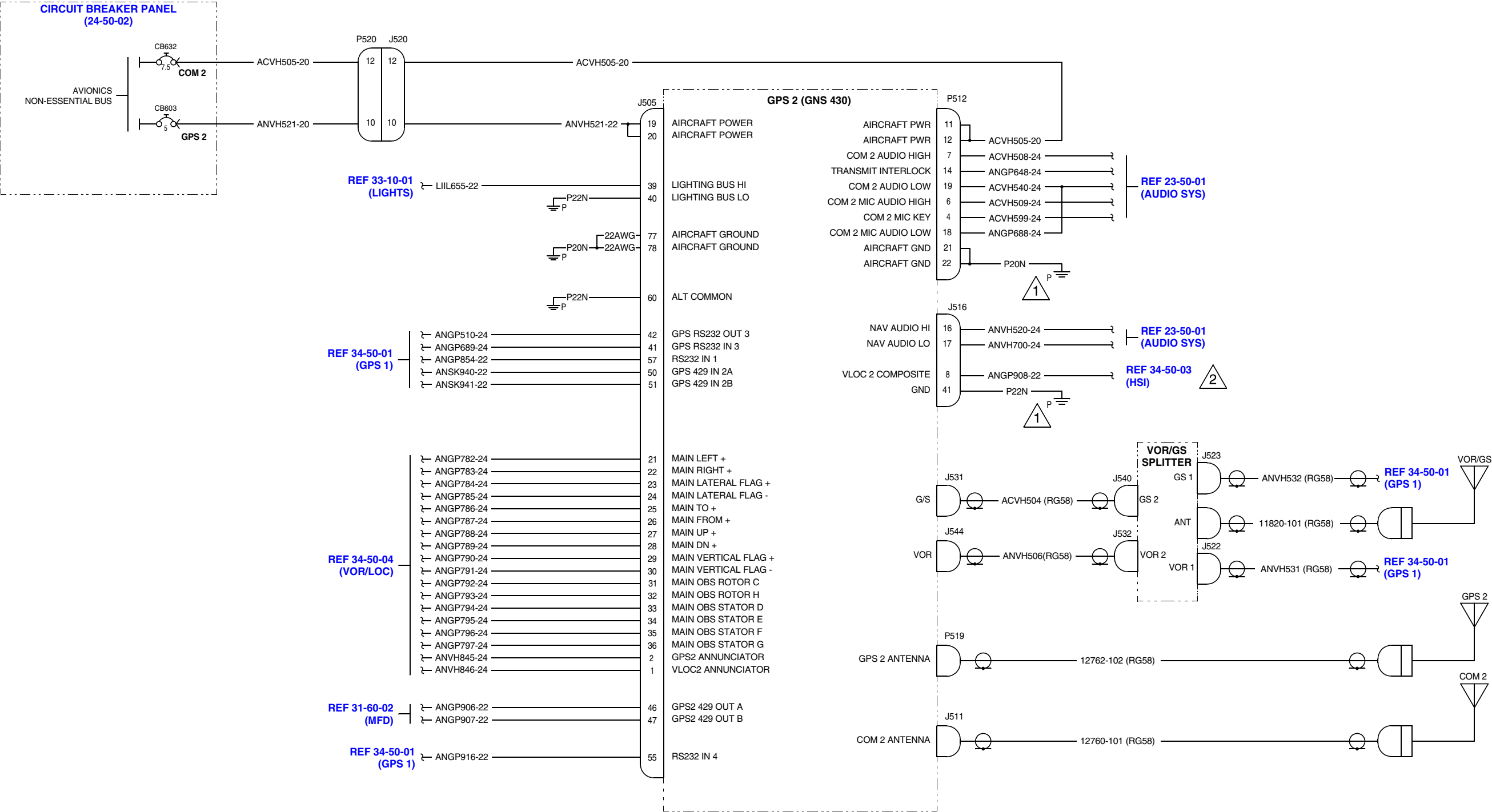
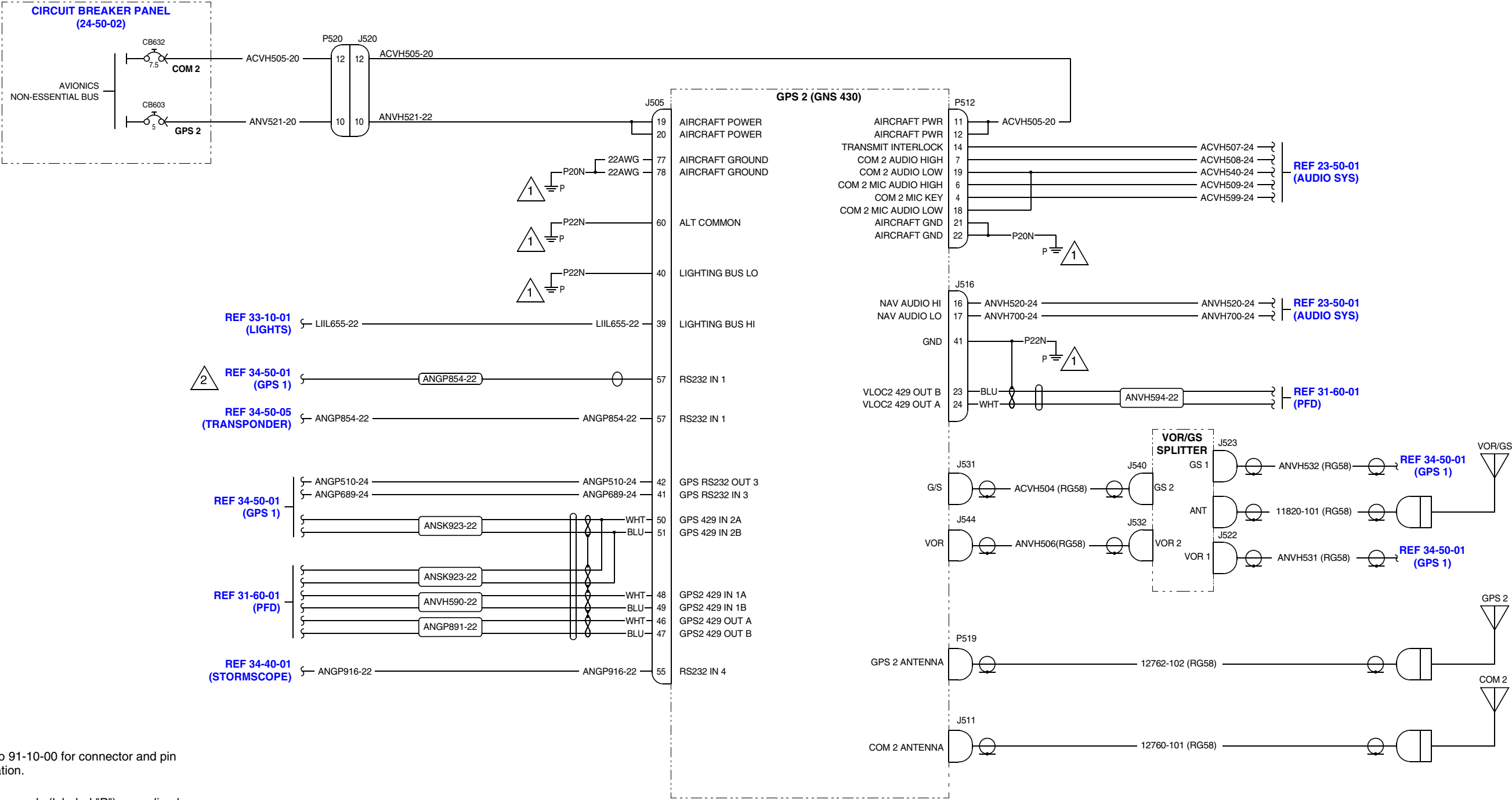


Figure-02
GPS 2 - Serials 22-0142 thru 22-0434

EFFECTIVITY:
Serials 22-0142 thru 22-0434



NOTES

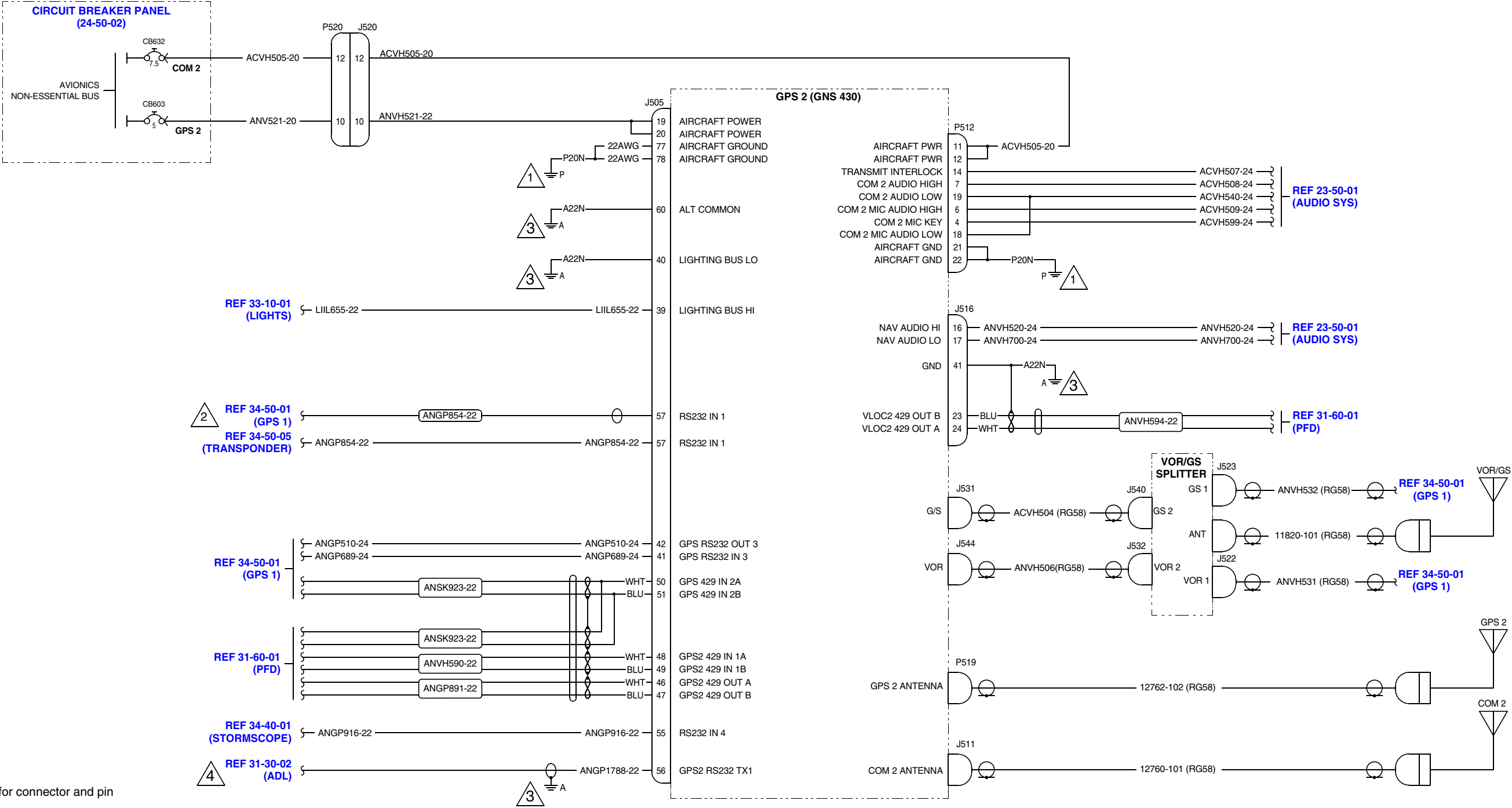
Refer to 91-10-00 for connector and pin information.

1 Power grounds (labeled "P") are spliced into P518 Pin A1.

2 Serials 22-0821 & subs w/ Mode S.

Figure-02
GPS 2 - Serials 22-0435 thru 22-1035

EFFECTIVITY:
Serials 22-0435 thru 22-1035



- NOTES**
- Refer to 91-10-00 for connector and pin information.
- 1 Power grounds (labeled "P") are spliced into P518 Pin A1.
- 2 Airplanes with Mode S.
- 3 Audio grounds (labeled "A") are inserted into P530 (back of radio rack) any pin.
- 4 Serials 22-2334, 22-2420, 22-2438 & subs.

Figure-02
GPS 2 - Serials 22-1036 & subs

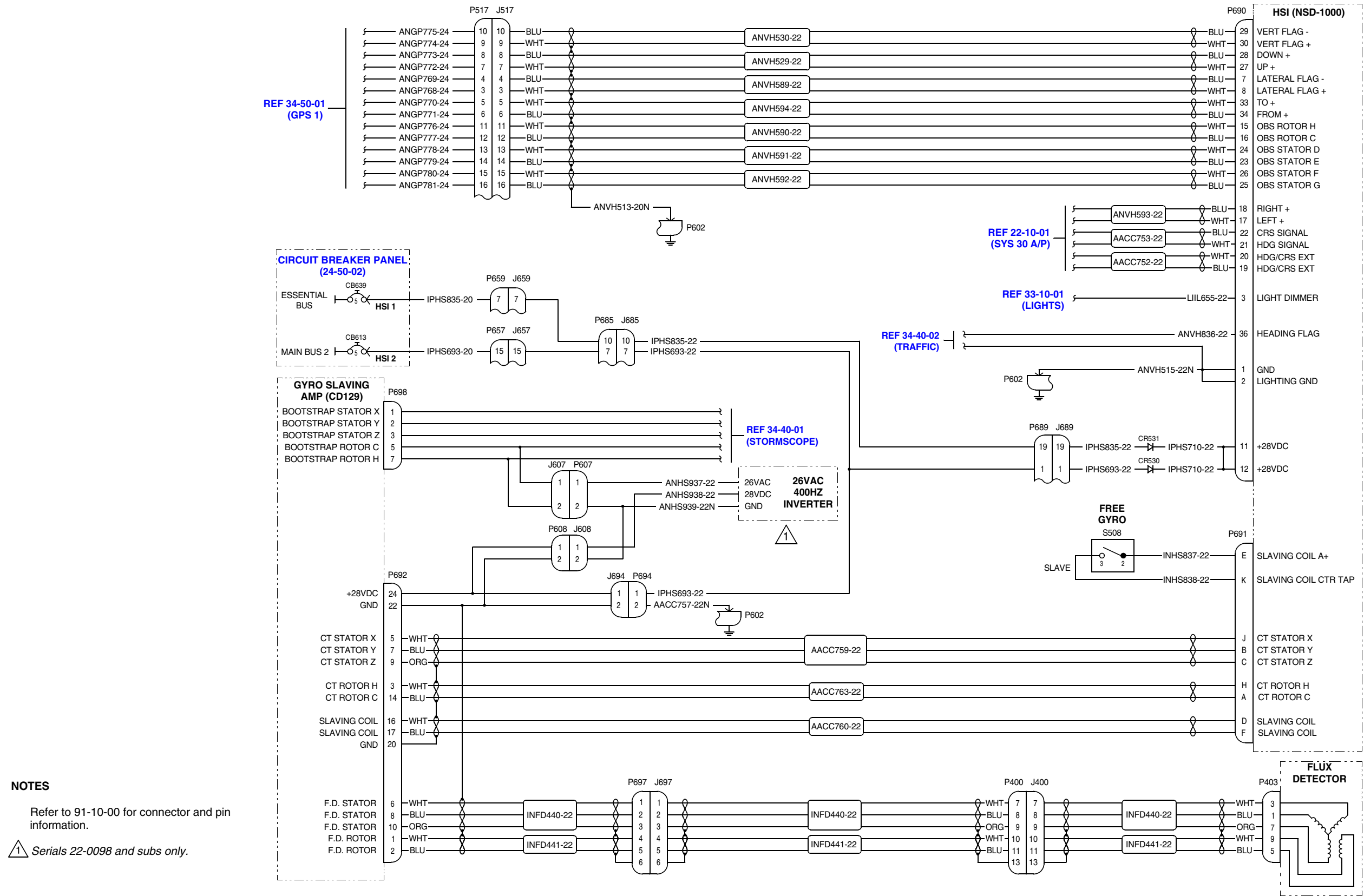


Figure-03

HSI & Heading Reference - Serials 22-0002 thru 22-0141 w/ Century HSI, w/ Stormscope

EFFECTIVITY:
Serials 22-0002 thru 22-0141 w/ Century HSI, w/
Stormscope

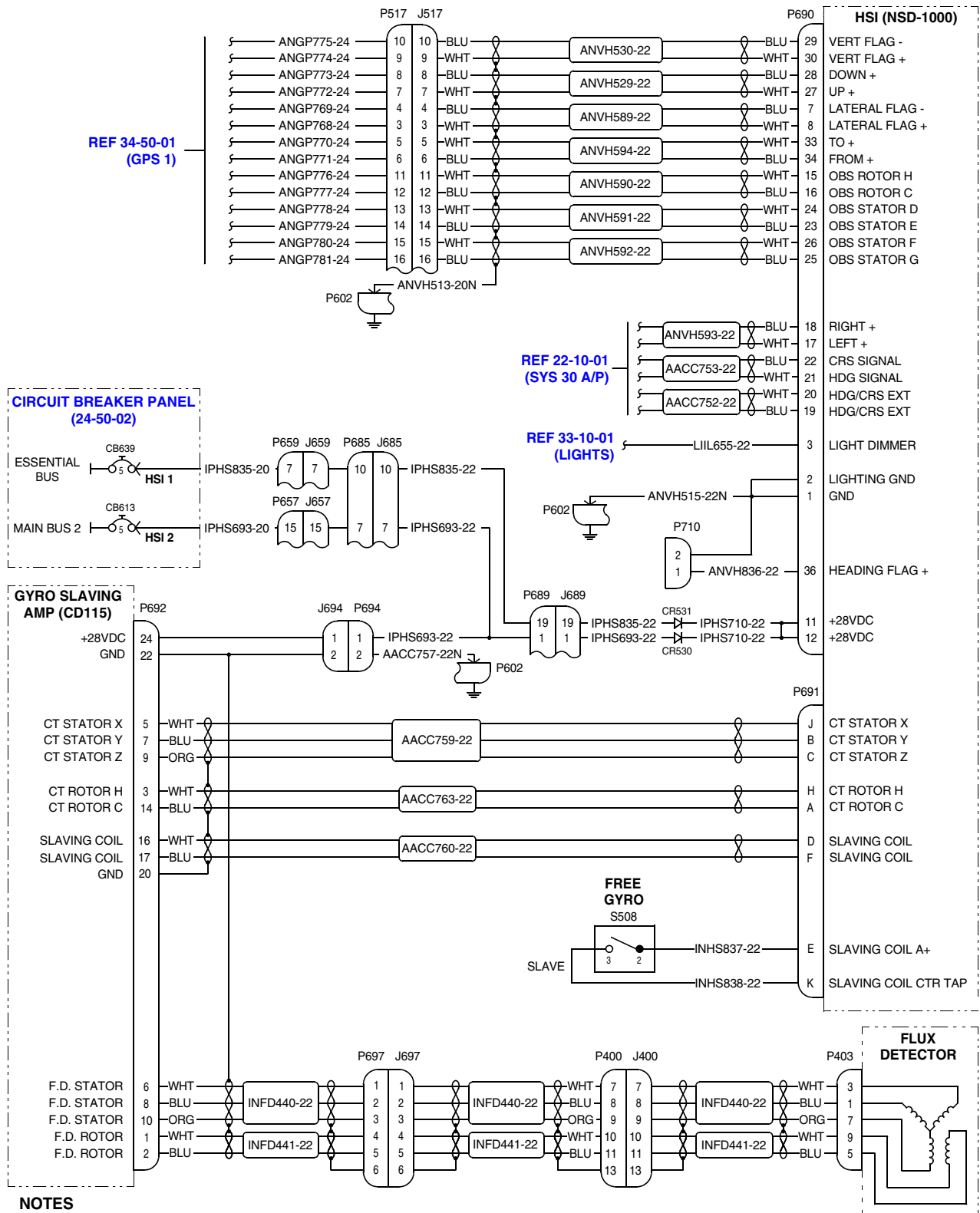
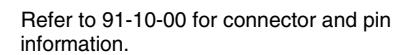


Figure-03

HSI & Heading Reference - Serials 22-0002 thru 22-0141 w/ Century HSI, w/o Stormscope

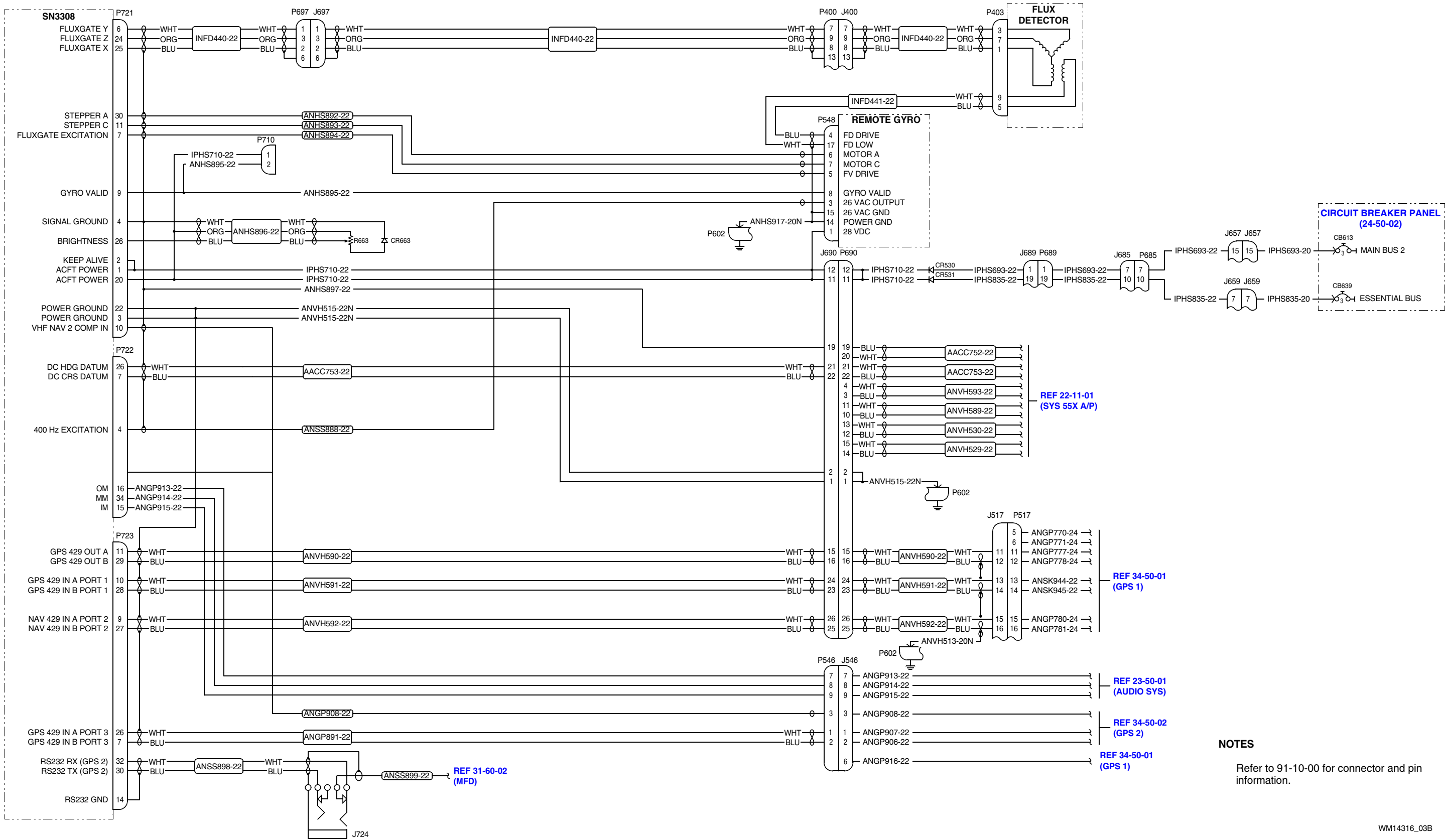
EFFECTIVITY:
Serials 22-0002 thru 22-0141 w/ Century HSI, w/o
Stormscope

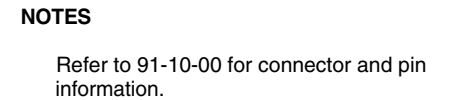
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HSI & Heading Reference - Serials 22-0142 thru 22-0434 w/ Century HSI

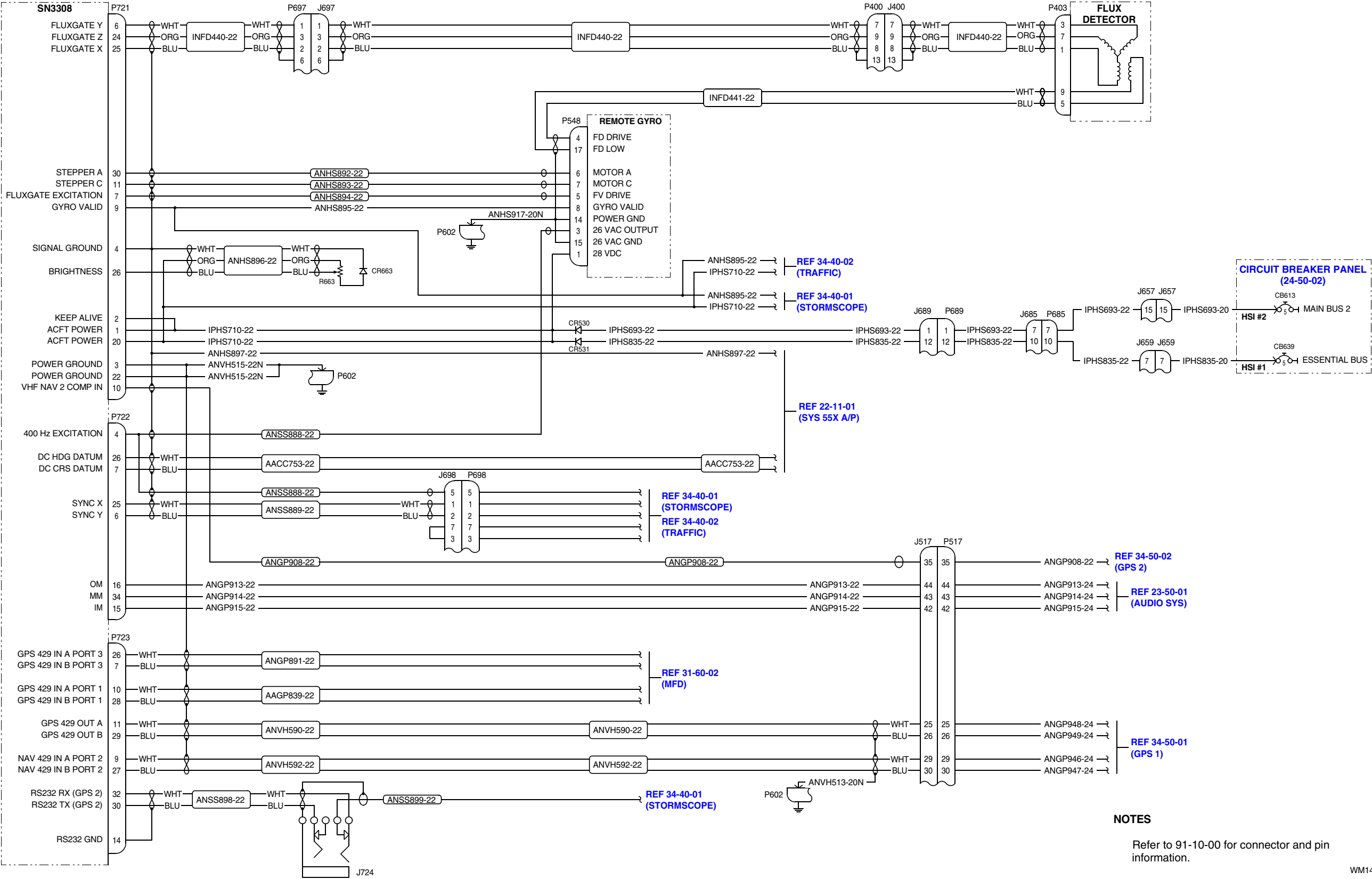
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HSI & Heading Reference - Serials 22-0002 thru 22-0141 w/ Sandel HSI, w/ Stormscope

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NOTES

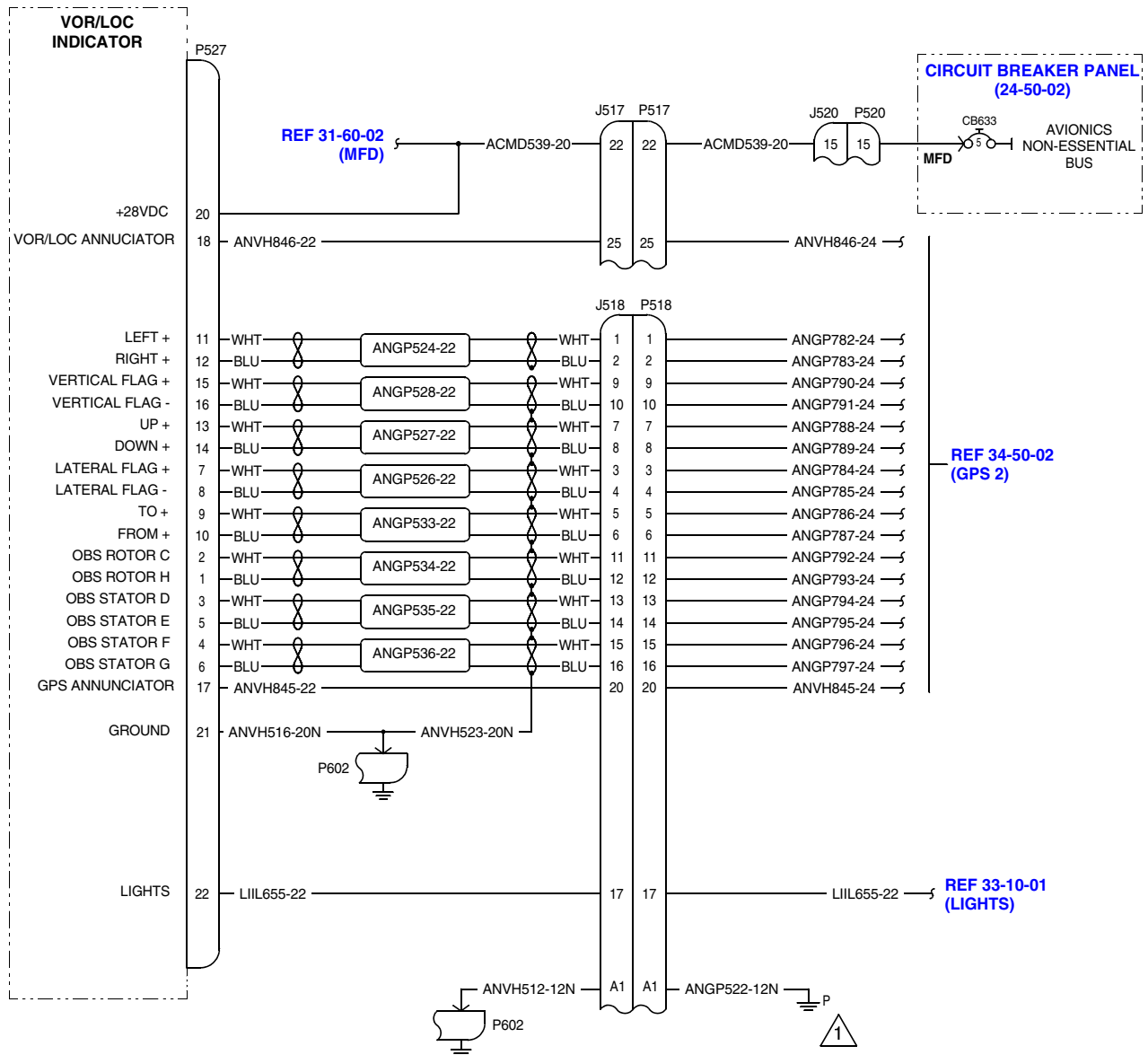
Refer to 91-10-00 for connector and pin information.

WM14316_05A

Figure-03

HSI & Heading Reference - Serials 22-0142 thru 22-0820 w/o PFD, w/ Sandel HSI

EFFECTIVITY:
Serials 22-0142 thru 22-0820 w/o PFD, w/ Sandel HSI



NOTES

Refer to 91-10-00 for connector and pin information.

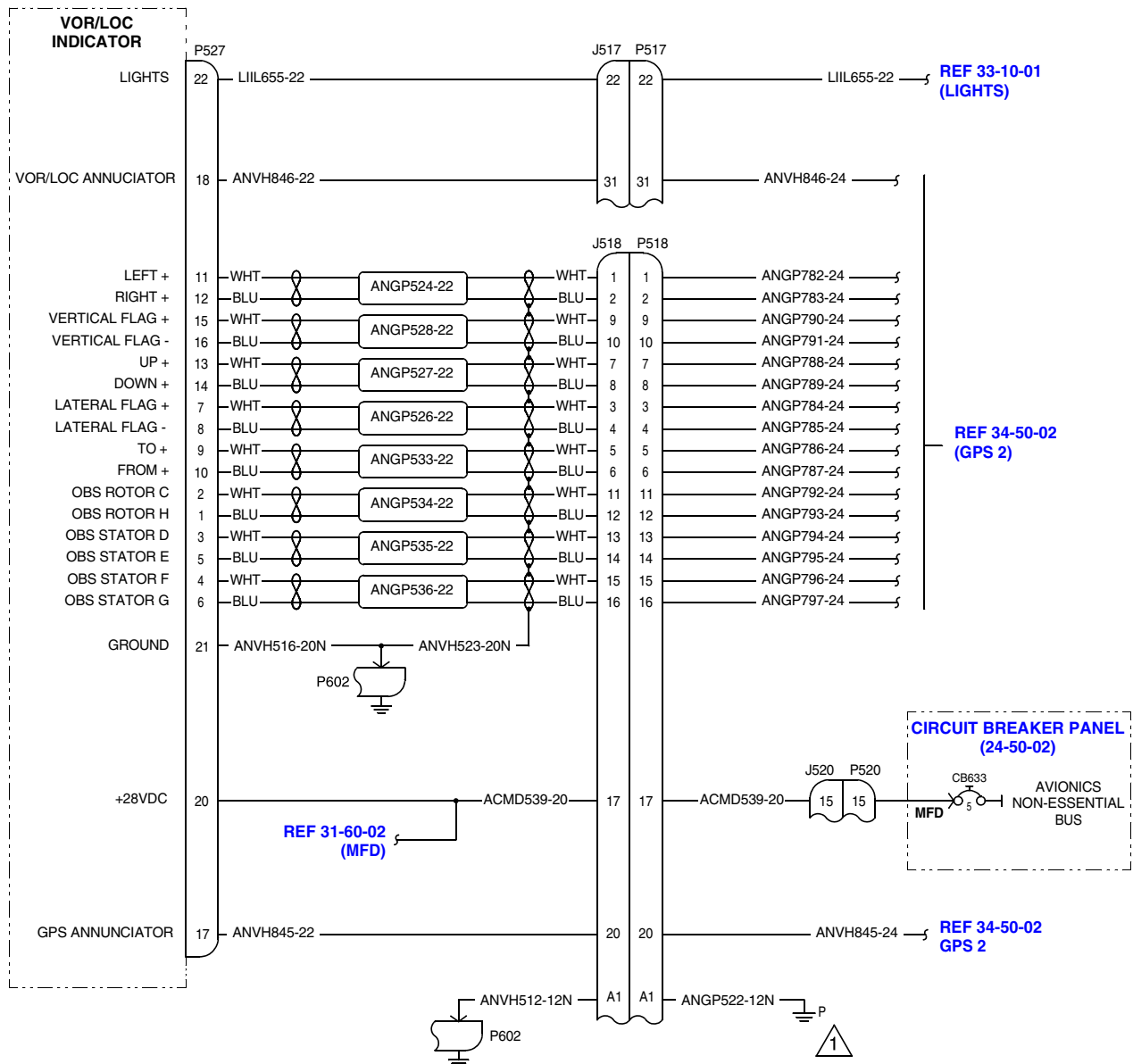
1 Power grounds (labeled "P") are spliced into P518 Pin A1.

WM13008_06B

Figure-04
VOR/LOC/GS Indicator - Serials 22-0002 thru 22-0141

EFFECTIVITY:
Serials 22-0002 thru 22-0141

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NOTES

Refer to 91-10-00 for connector and pin information.

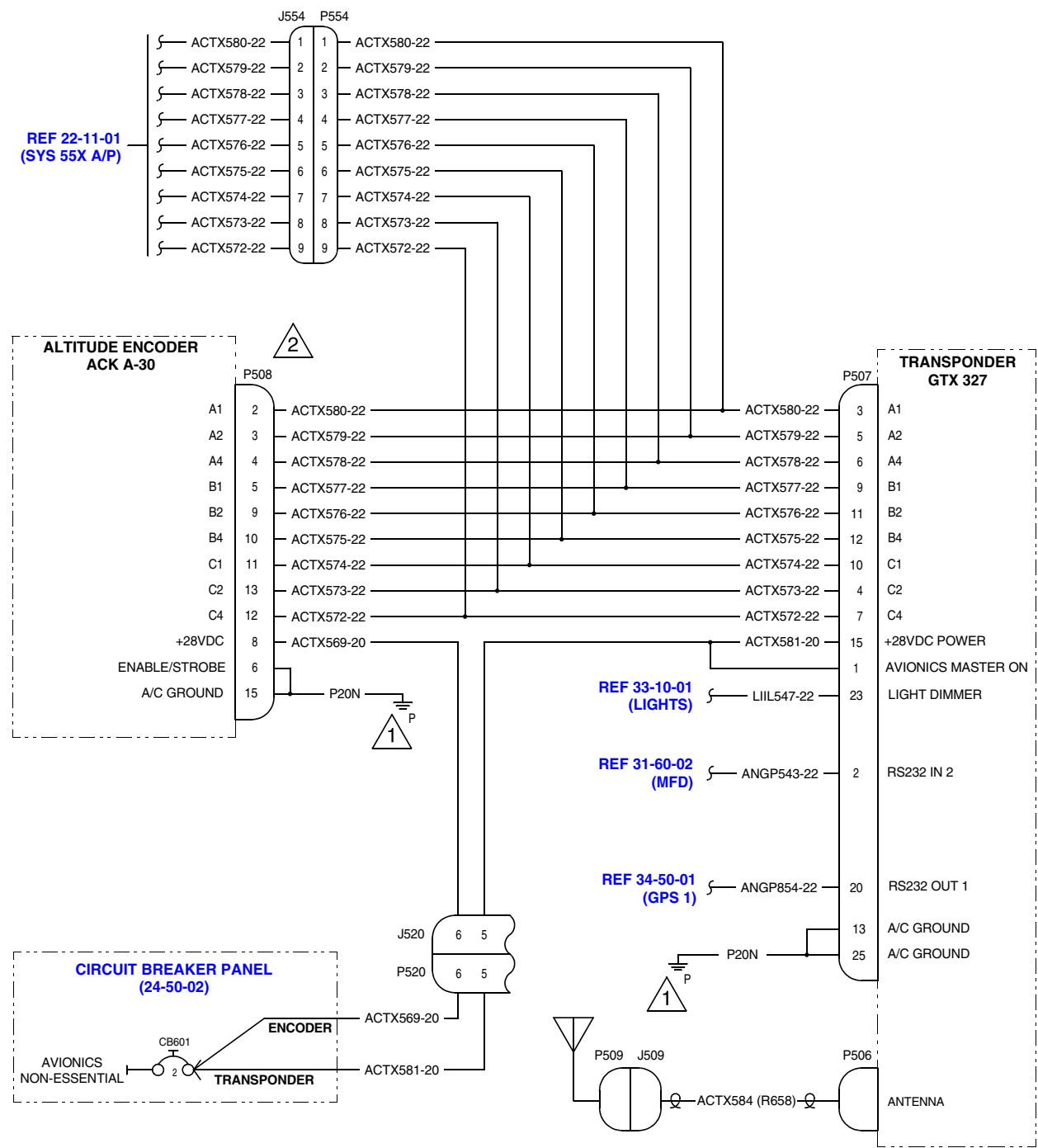
1 Power grounds (labeled "P") are spliced into P518 Pin A1.

WM13008_05

Figure-04
VOR/LOC/GS Indicator - Serials 22-0142 thru 22-0434

EFFECTIVITY:
Serials 22-0142 thru 22-0434

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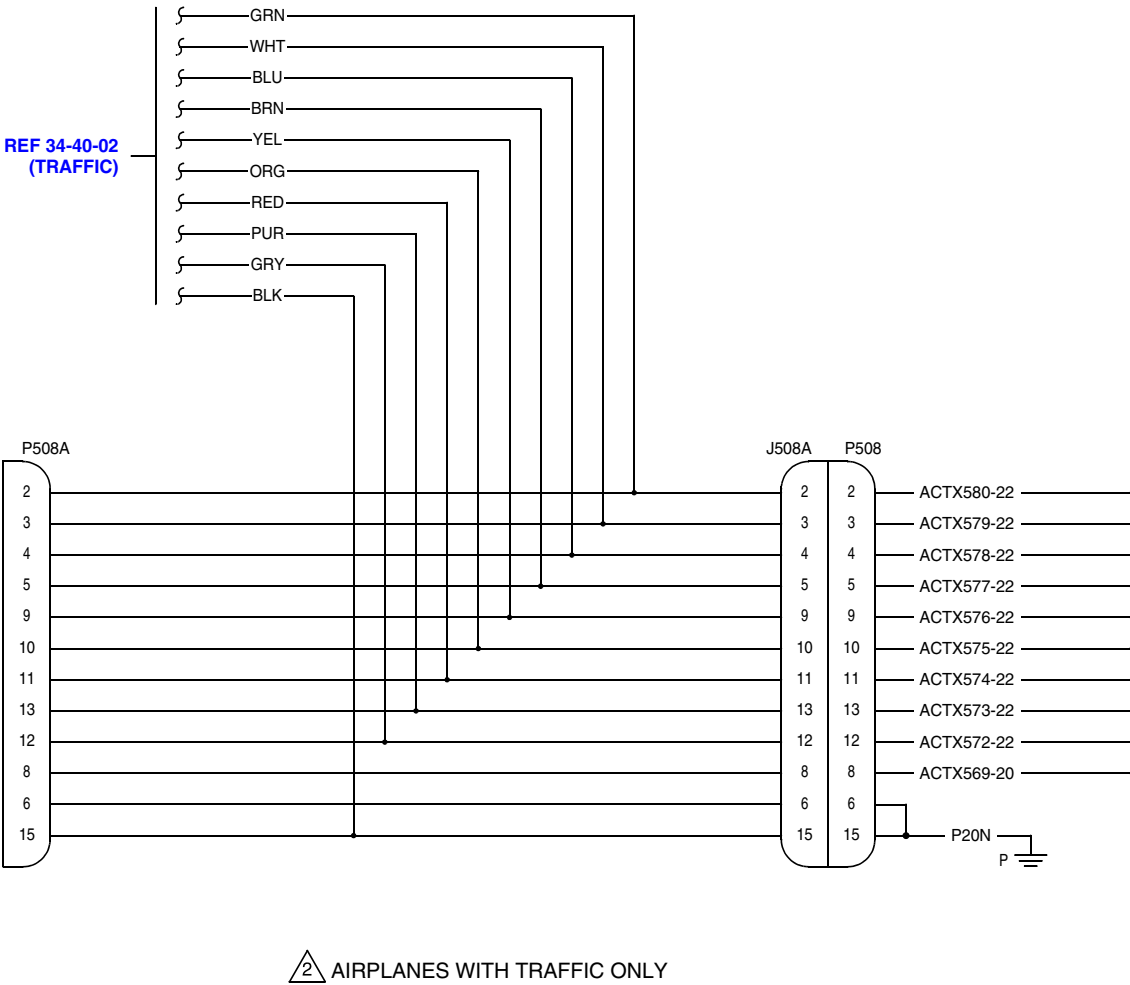


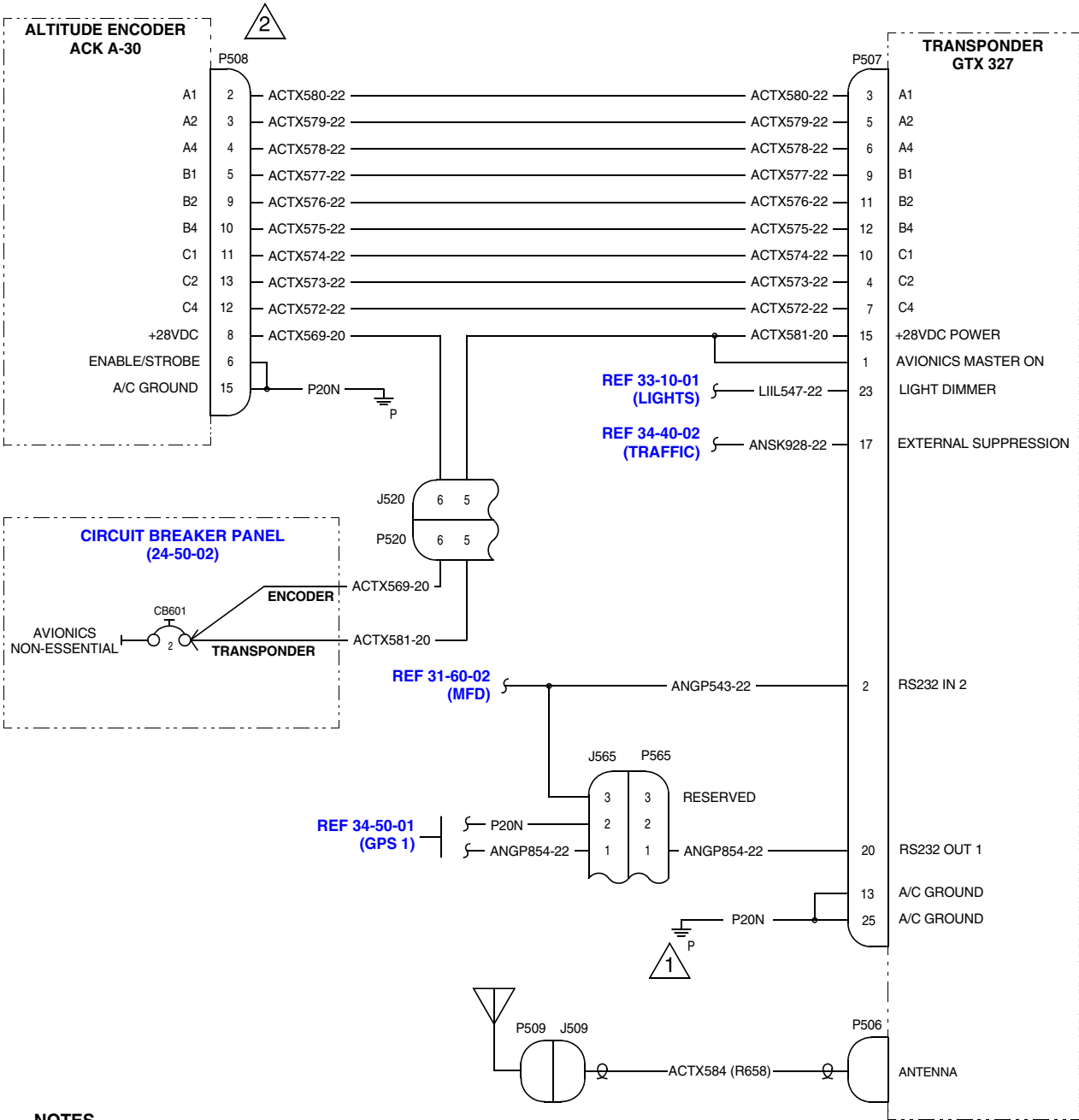
NOTES

- Refer to 91-10-00 for connector and pin information.
- Power grounds (labeled "P") are spliced into P518 Pin A1.

Figure-05
Transponder - Serials 22-0002 thru 22-0033 w/ Sandel or Century HSI

EFFECTIVITY:
Serials 22-0002 thru 22-0033 w/ Sandel or Century HSI

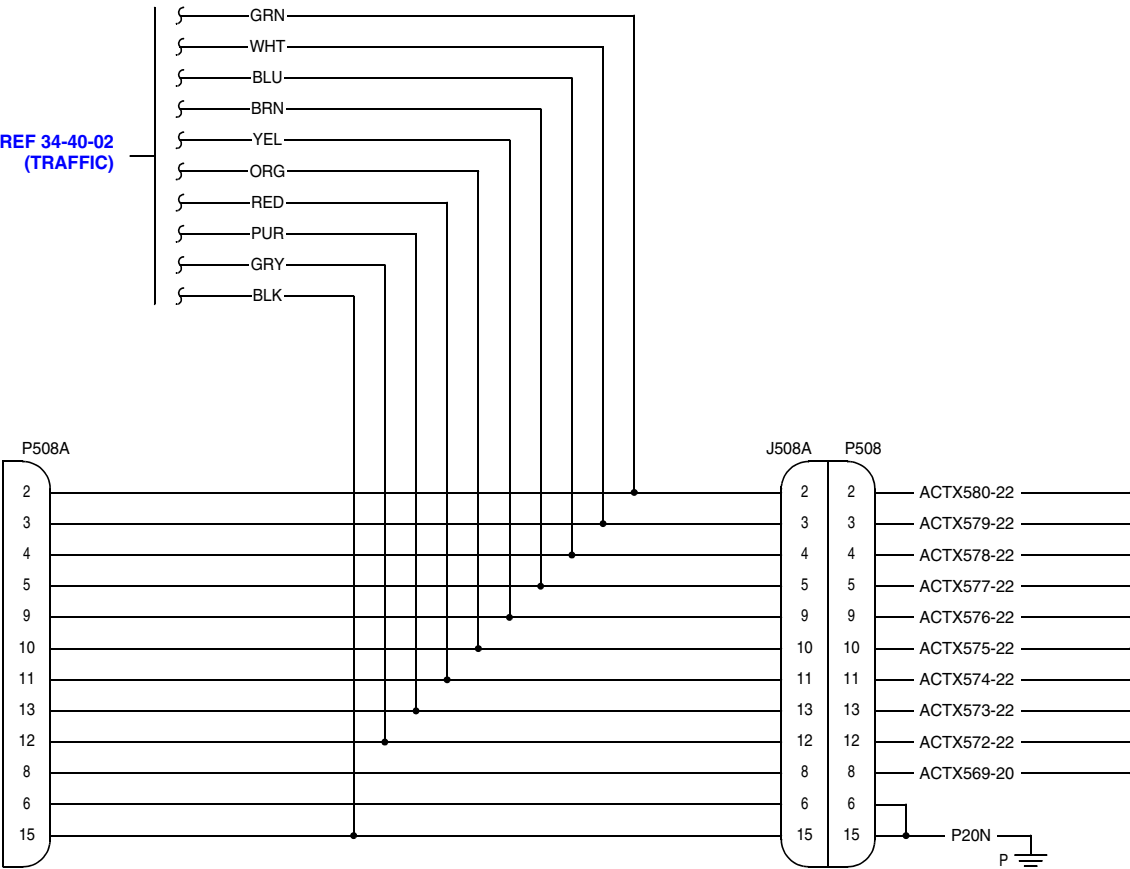




NOTES

Refer to 91-10-00 for connector and pin information.

 Power grounds (labeled "P") are spliced into P518 Pin A1.



 AIRPLANES WITH TRAFFIC ONLY

Figure-05
Transponder - Serials 22-0034 thru 22-0141 w/ Century HSI

EFFECTIVITY:
Serials 22-0034 thru 22-0141 w/ Century HSI

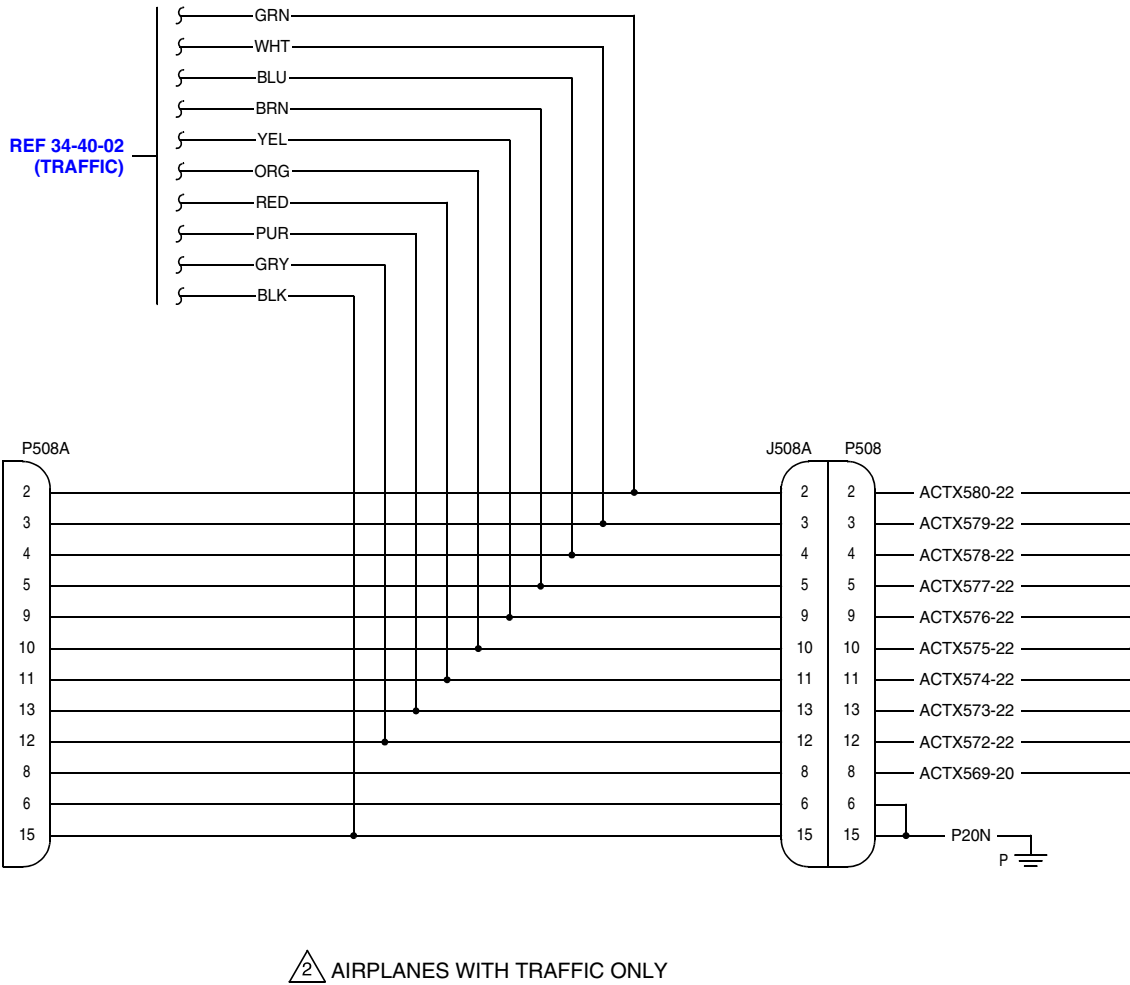
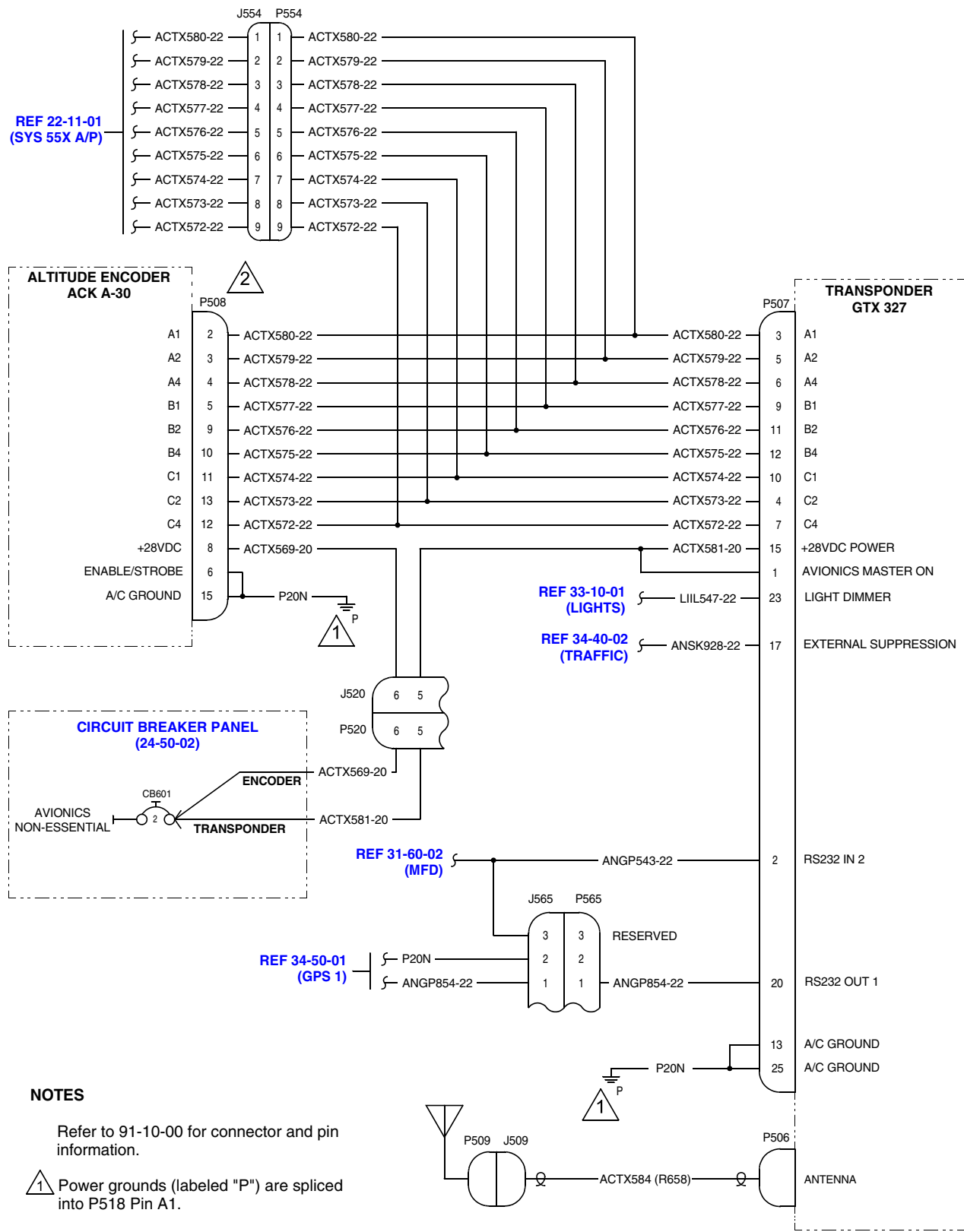


Figure-05
Transponder - Serials 22-0142 thru 22-0434 w/ Sandel or Century HSI

EFFECTIVITY:
Serials 22-0142 thru 22-0434 w/ Sandel or Century HSI

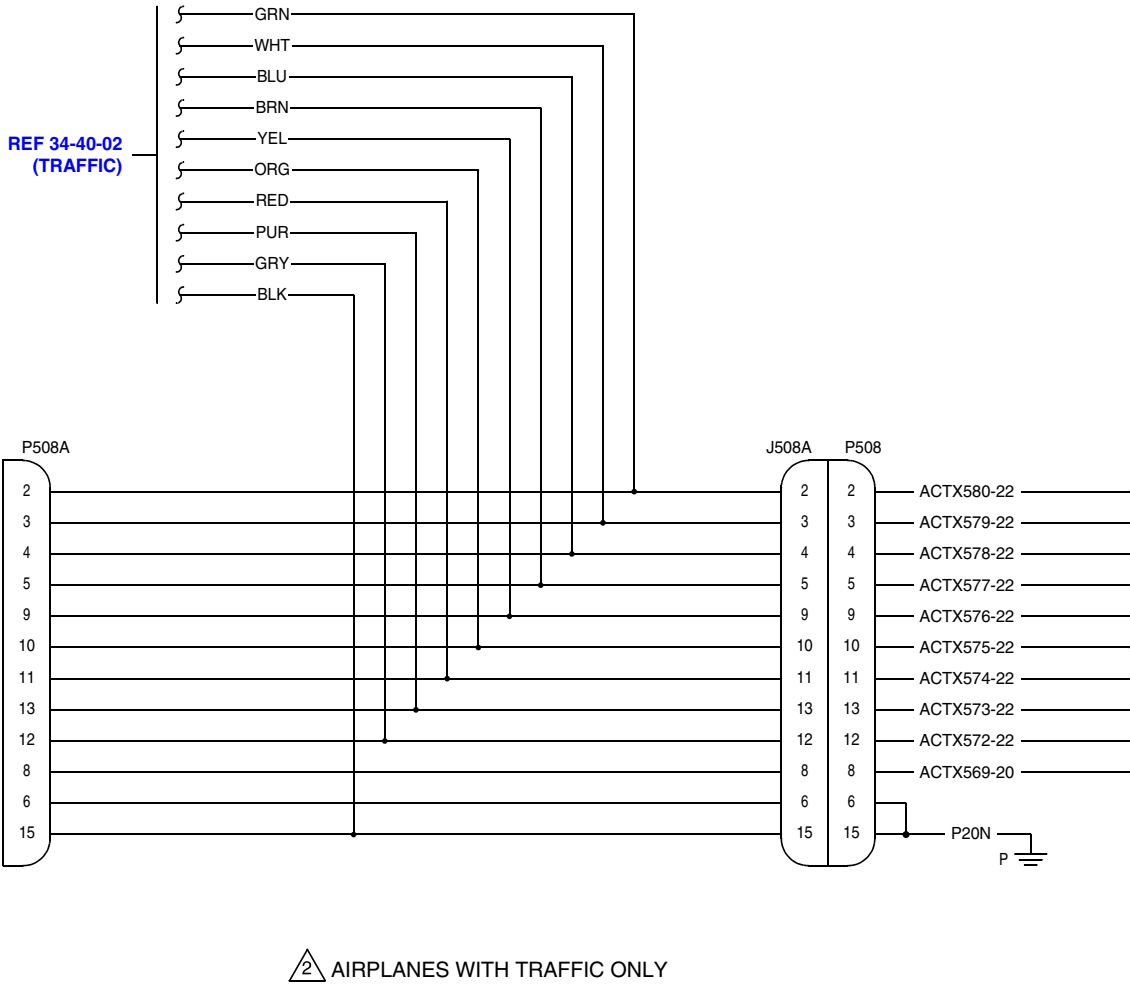
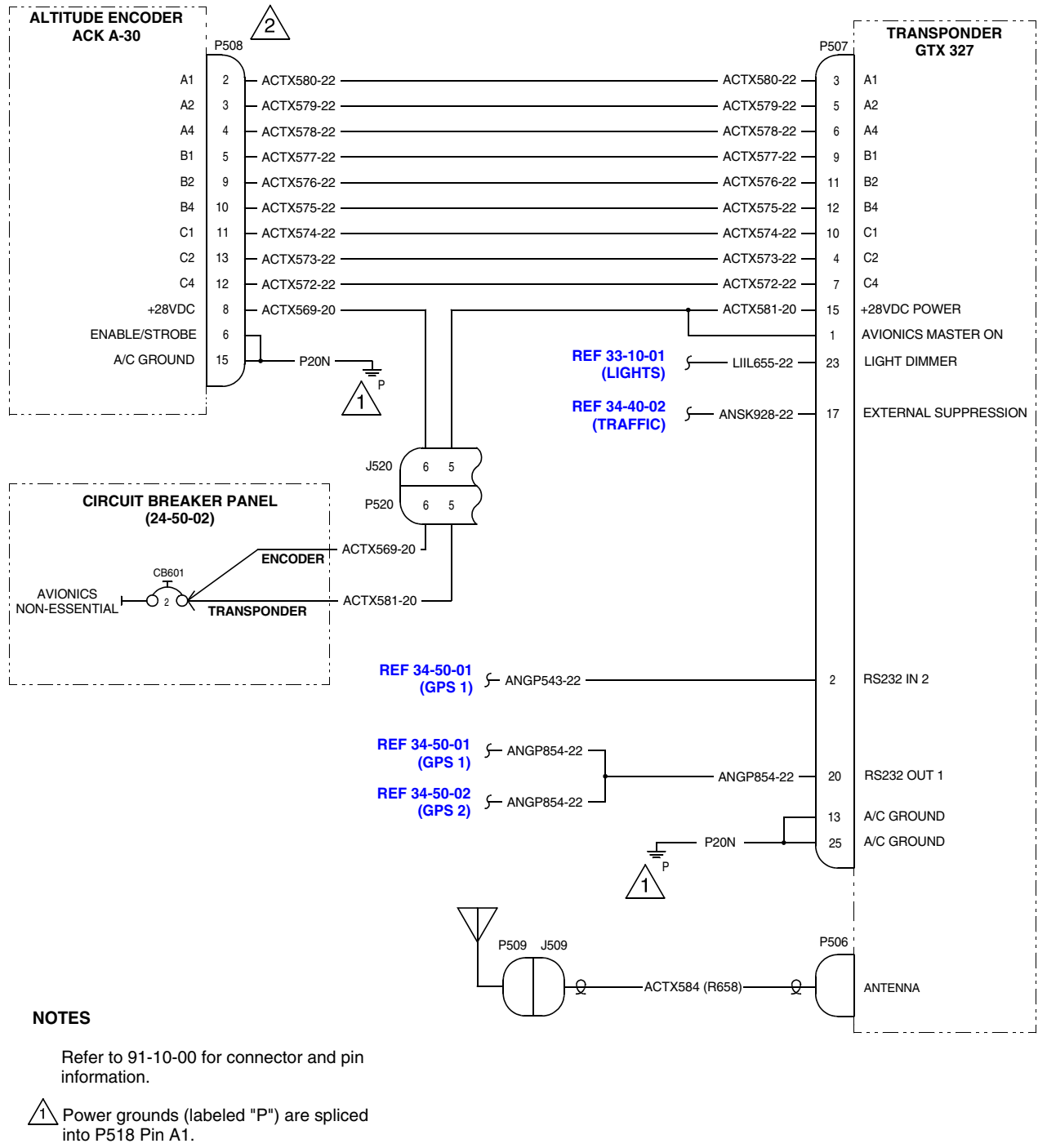
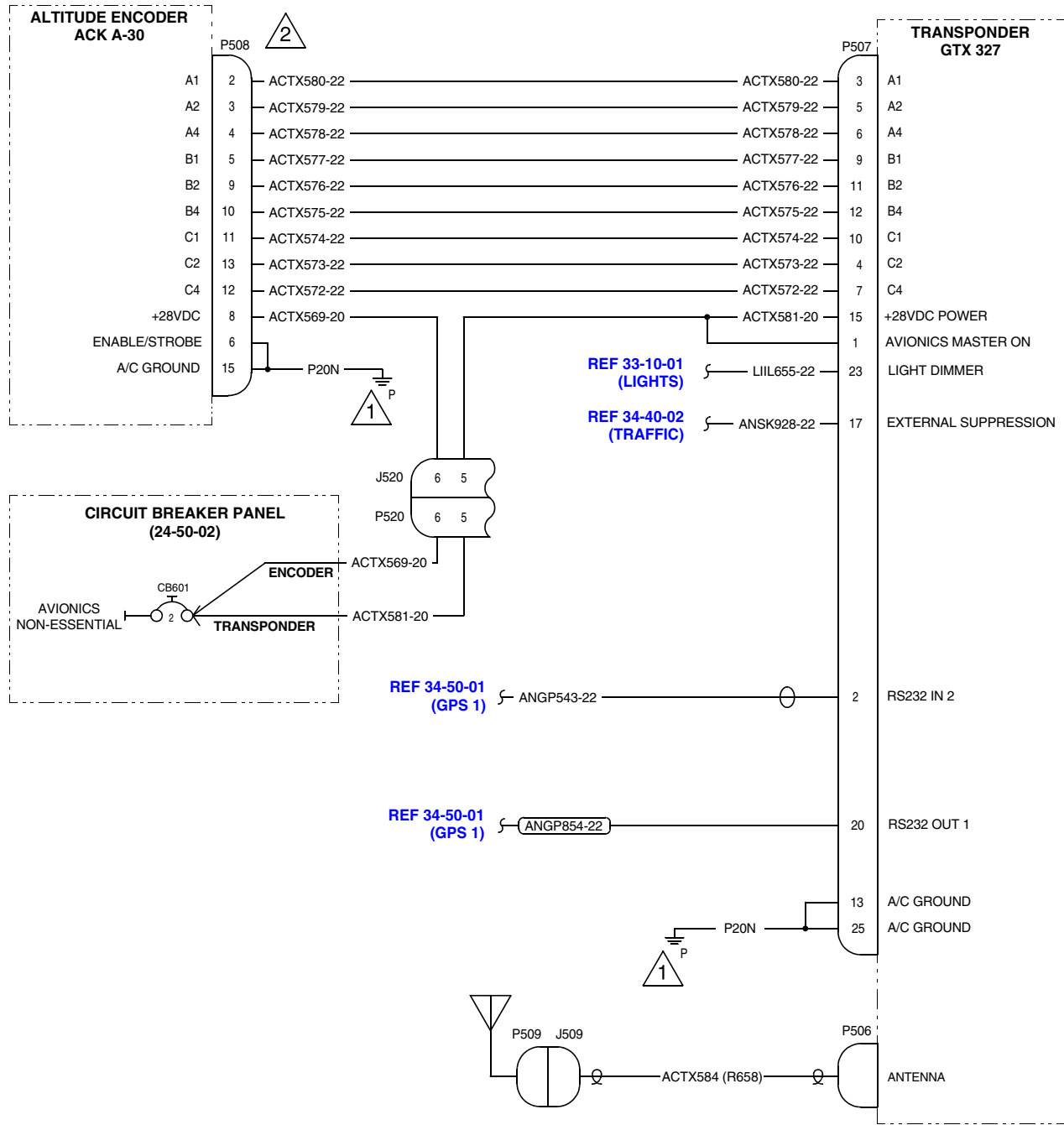


Figure-05
Transponder - Serials 22-0435 thru 22-1035

EFFECTIVITY:
Serials 22-0435 thru 22-1035

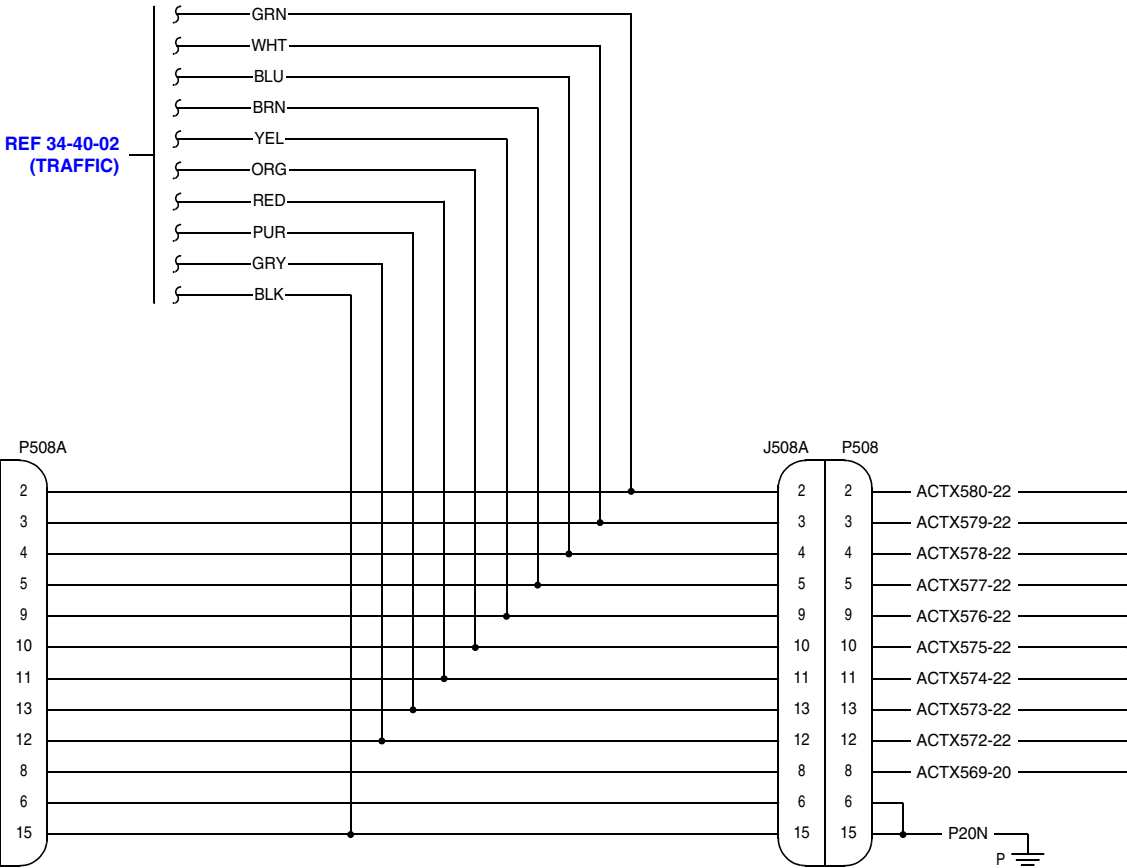


NOTES

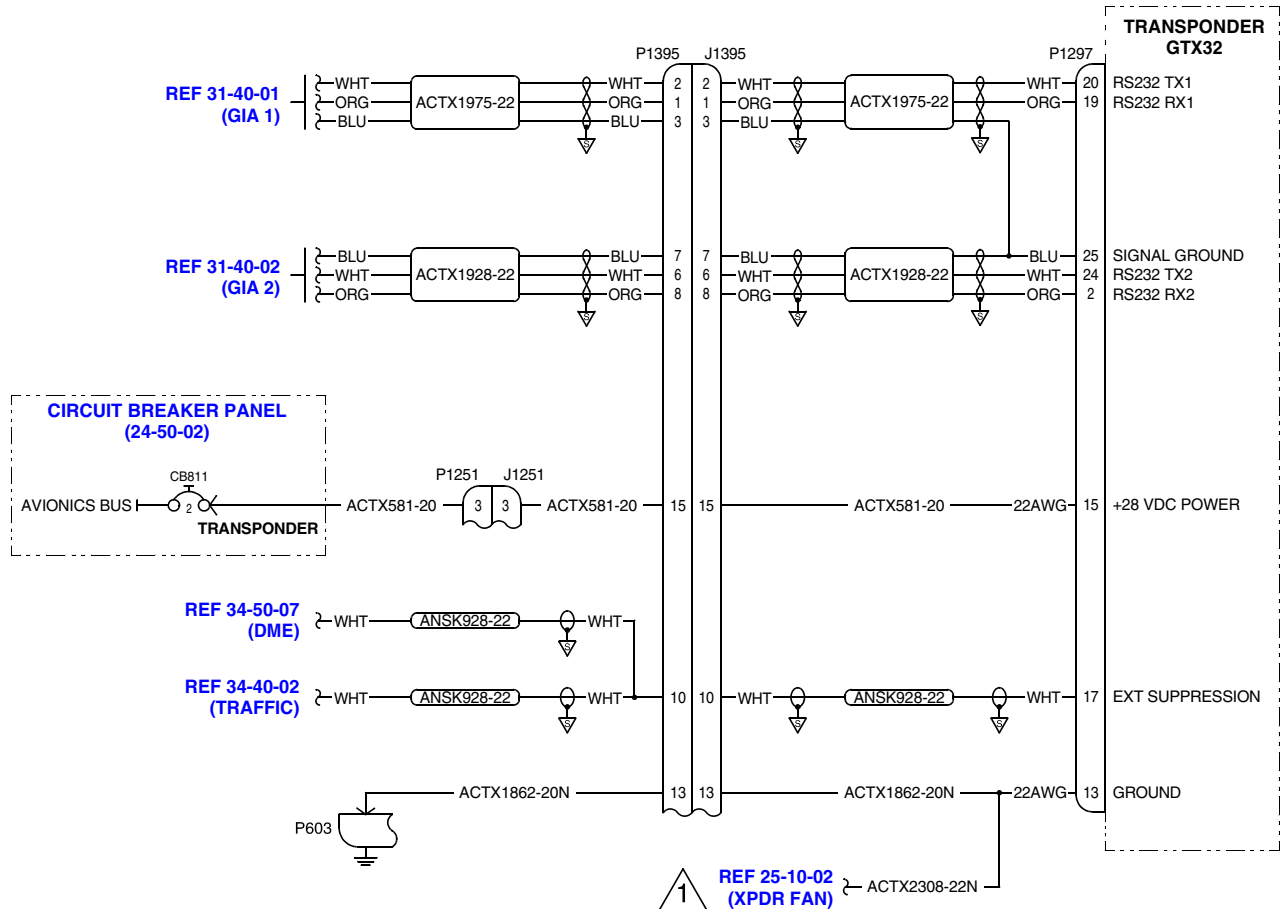
Refer to 91-10-00 for connector and pin information.

 Power grounds (labeled "P") are spliced into P518 Pin A1.

Figure-05
Transponder - Serials 22-1036 & subs



 AIRPLANES WITH TRAFFIC ONLY



NOTES

Refer to 91-10-00 for connector and pin information.

1 Serials 22-3026 thru 22-3369 only.

WM24792_02A

Figure-05

Mode C Transponder (GTX 32) - Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

EFFECTIVITY:
Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

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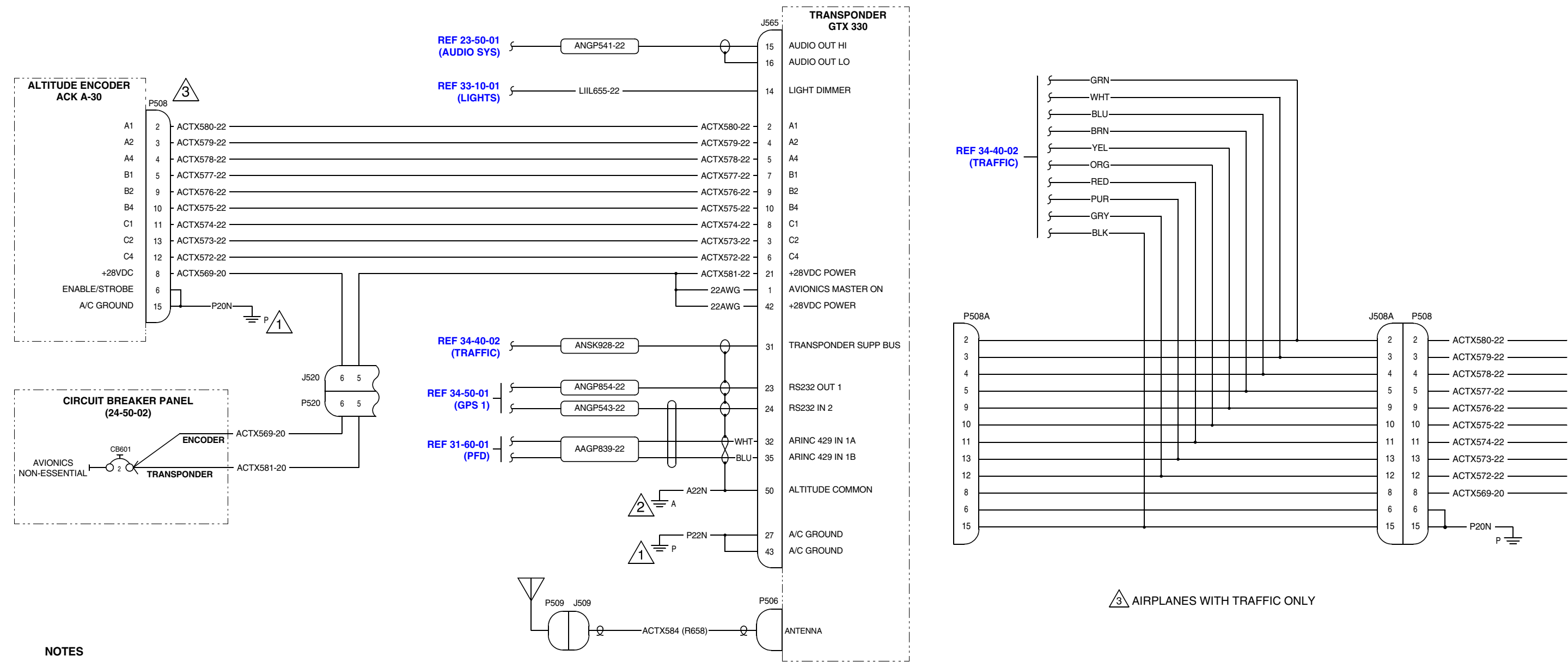
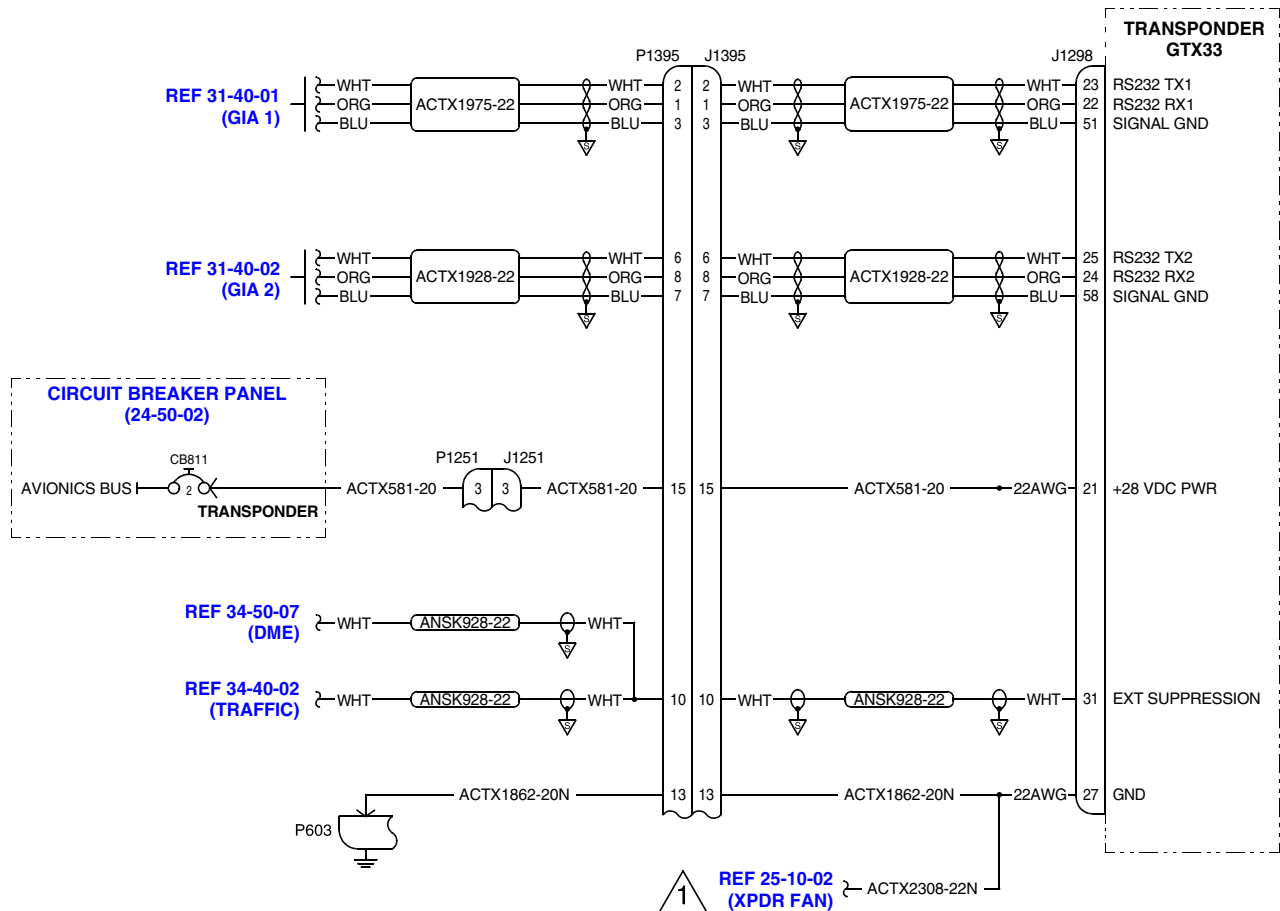


Figure-05
Mode S Transponder (GTX 330) - Serials 22-0821 & subs w/o Perspective

EFFECTIVITY:
Serials 22-0821 & subs w/o Perspective



NOTES

Refer to 91-10-00 for connector and pin information.

1 Serials 22-3026 thru 22-3369 only.

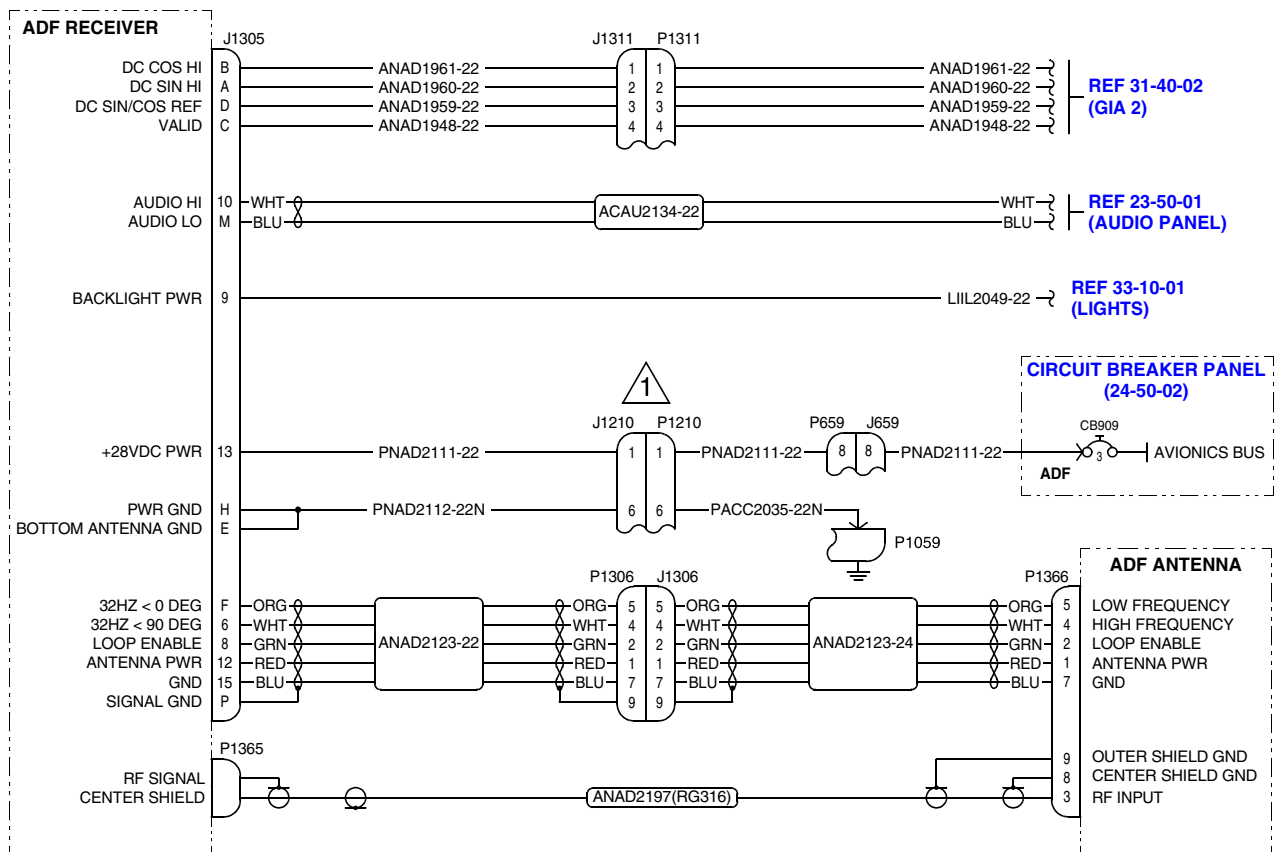
WM24792_04A

Figure-05

Mode S Transponder (GTX 33) - Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

EFFECTIVITY:
Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

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NOTES

Refer to 91-10-00 for connector and pin information.

- 1 Serials 22-3026 thru 22-3102 before SB 2X-91-01:
Connector is labeled J1310, and P1310.

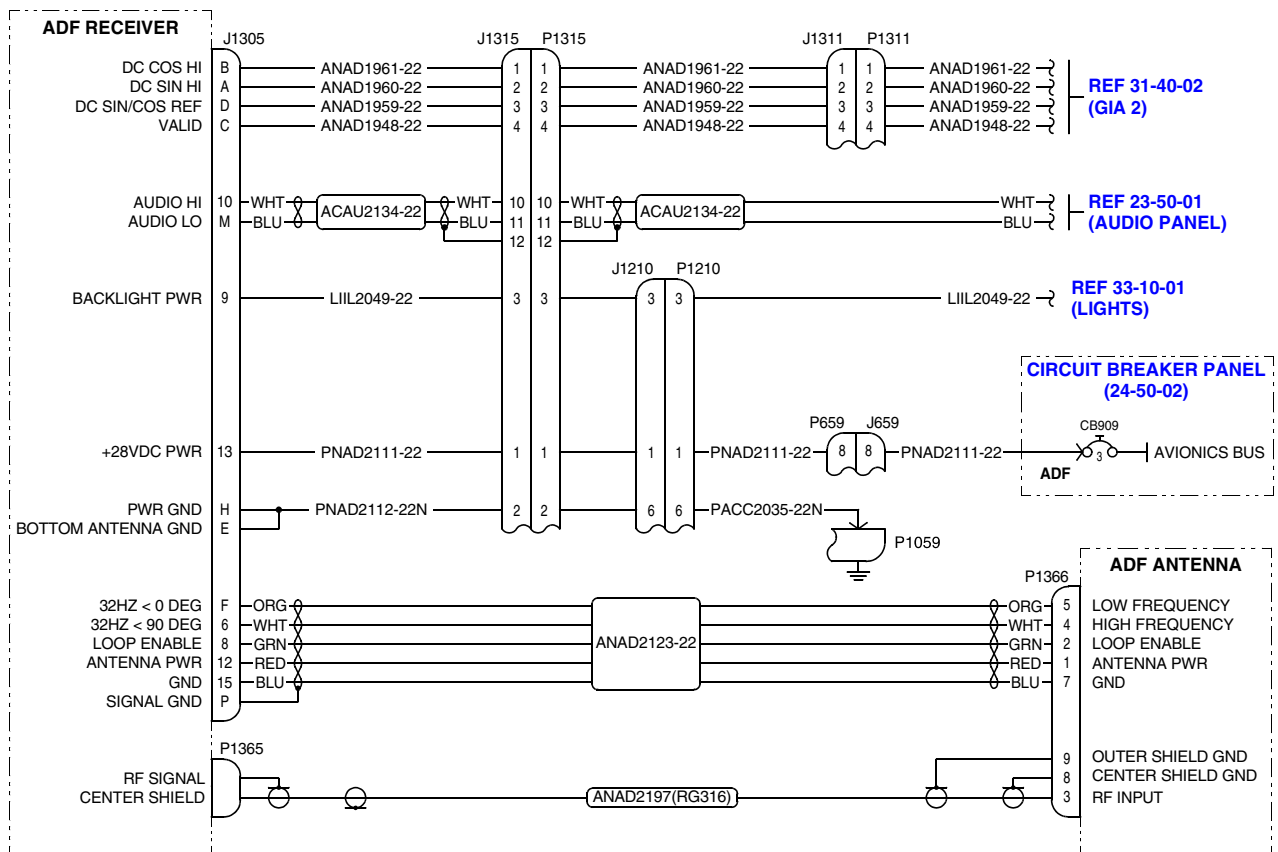
WM24500_08A

Figure-06

Automatic Direction Finder (ADF) - Serials 22-3026 thru 22-3445 w/ Perspective

EFFECTIVITY:
Serials 22-3026 thru 22-3445 w/ Perspective

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NOTES

Refer to 91-10-00 for connector and pin information.

WM24772_02

Figure-06

Automatic Direction Finder (ADF) - Serials 22-3446 & subs w/ Perspective, 22T-0001 & subs

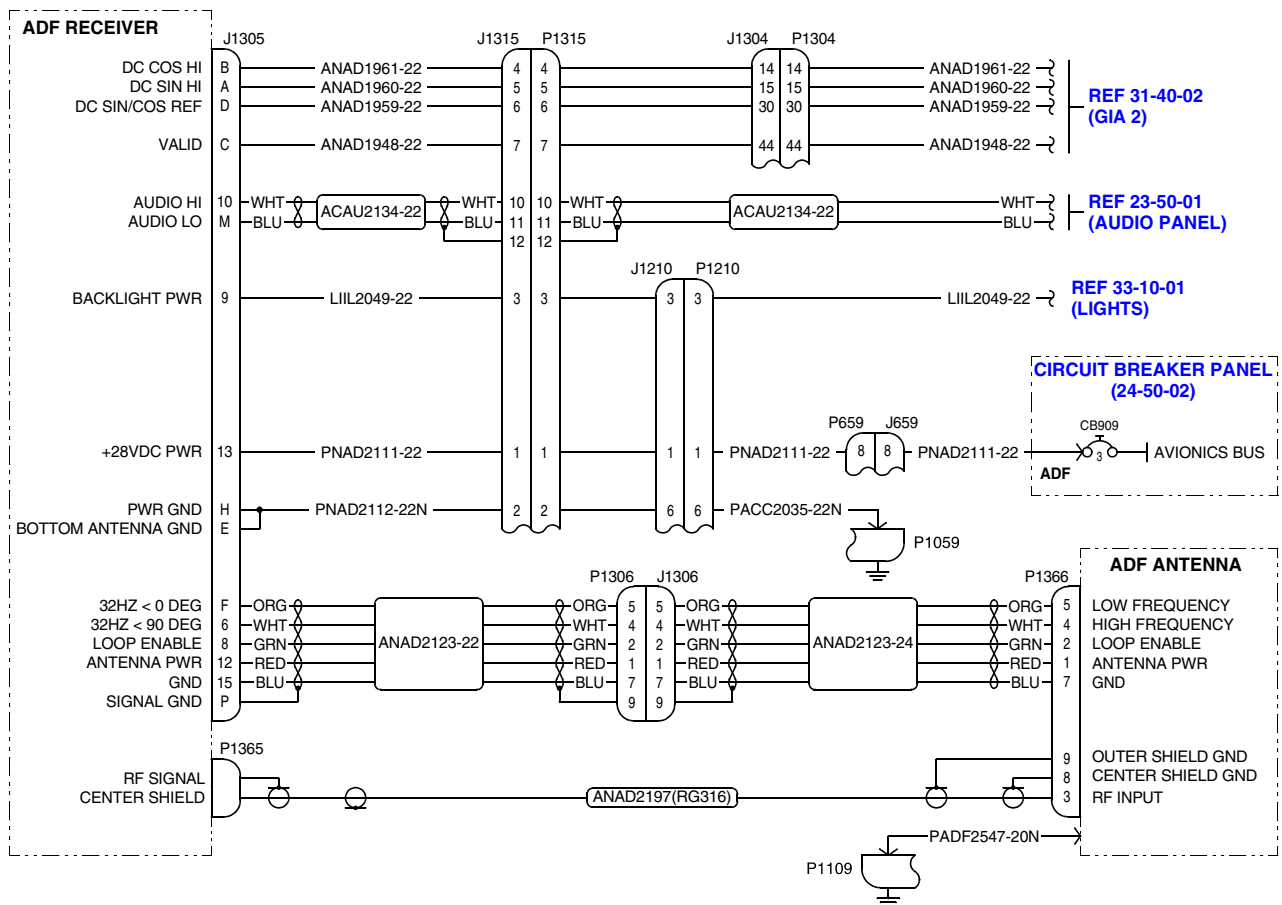
EFFECTIVITY:

Serials 22-3446 & subs w/ Perspective, 22T-0001 & subs

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NOTES

Refer to 91-10-00 for connector and pin information.

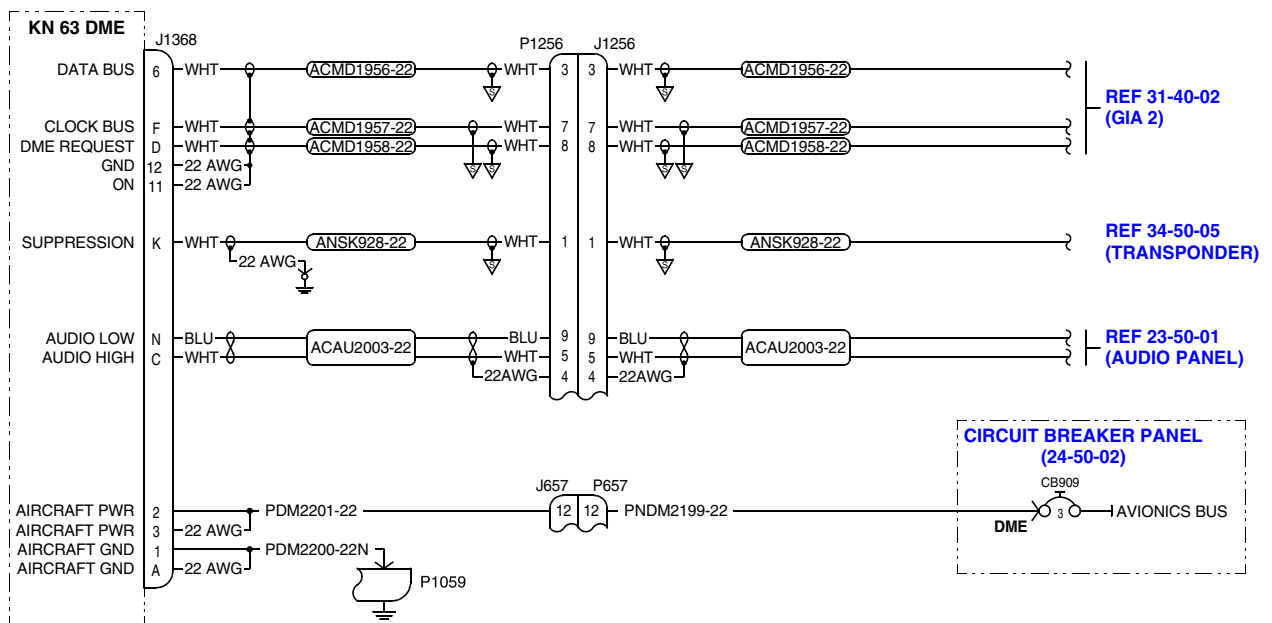
WM24770_02

Figure-06

Automatic Direction Finder (ADF) - Serials 22-3446 & subs, 22T-0001 & subs w/ Sys 55 AP

EFFECTIVITY:
Serials 22-3446 & subs, 22T-0001 & subs w/ Sys 55
AP

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NOTES

Refer to 91-10-00 for connector and pin information.

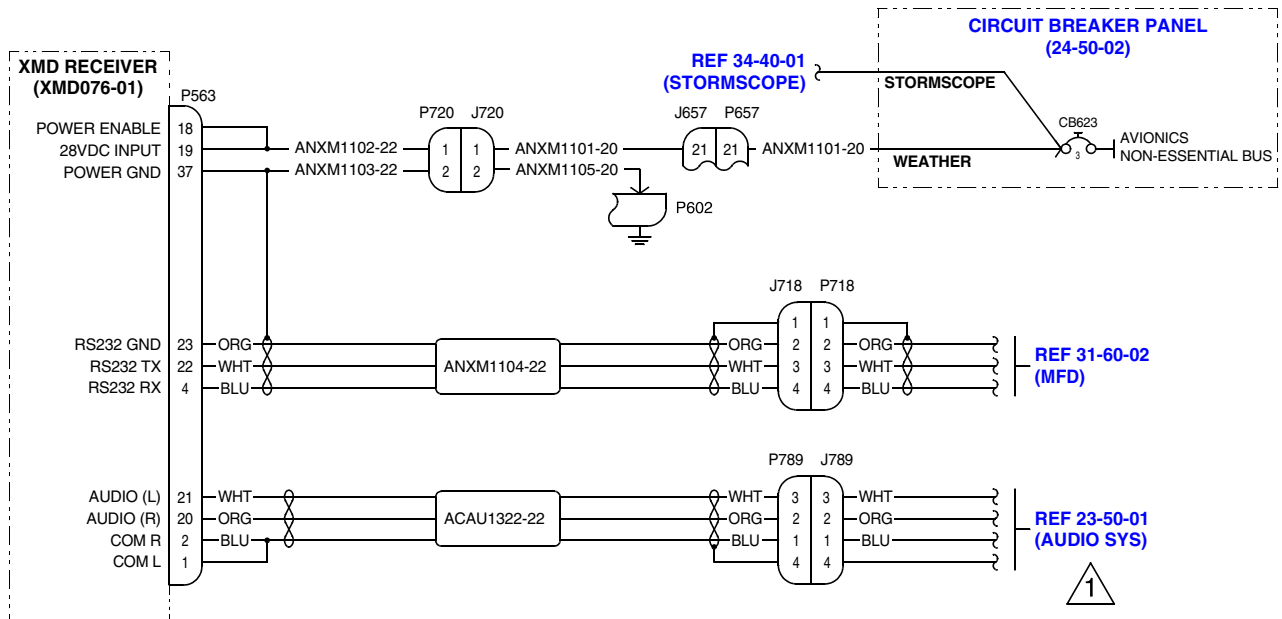
WM24560_02

Figure-07

Distance Measuring Equipment (DME) - Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

EFFECTIVITY:
Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

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NOTES

Refer to 91-10-00 for connector and pin information.

1 Serials 22-1511 & subs.

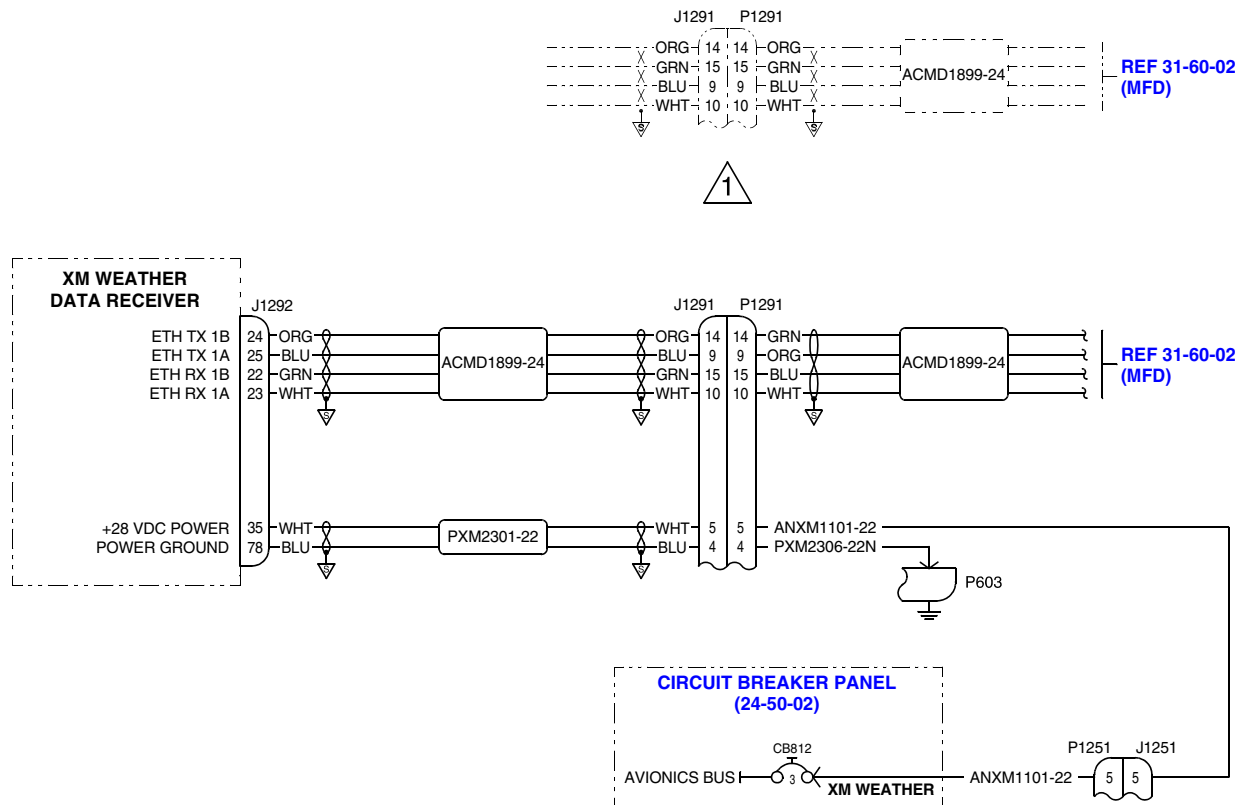
WM16136_01A

Figure-08

XM WX/Radio - Serials 22-1087 & subs w/o Perspective

EFFECTIVITY:
Serials 22-1087 & subs w/o Perspective

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NOTES

Refer to 91-10-00 for connector and pin information.

1 Serials 22-3026 thru 22-3664, 22T-0001 thru 22T-0003.

WM24590_02A

Figure-08

XM WX/Radio - Serials 22-3026 thru 22-3827 w/ Perspective, 22T-0001 thru 22T-0267 w/o Audio

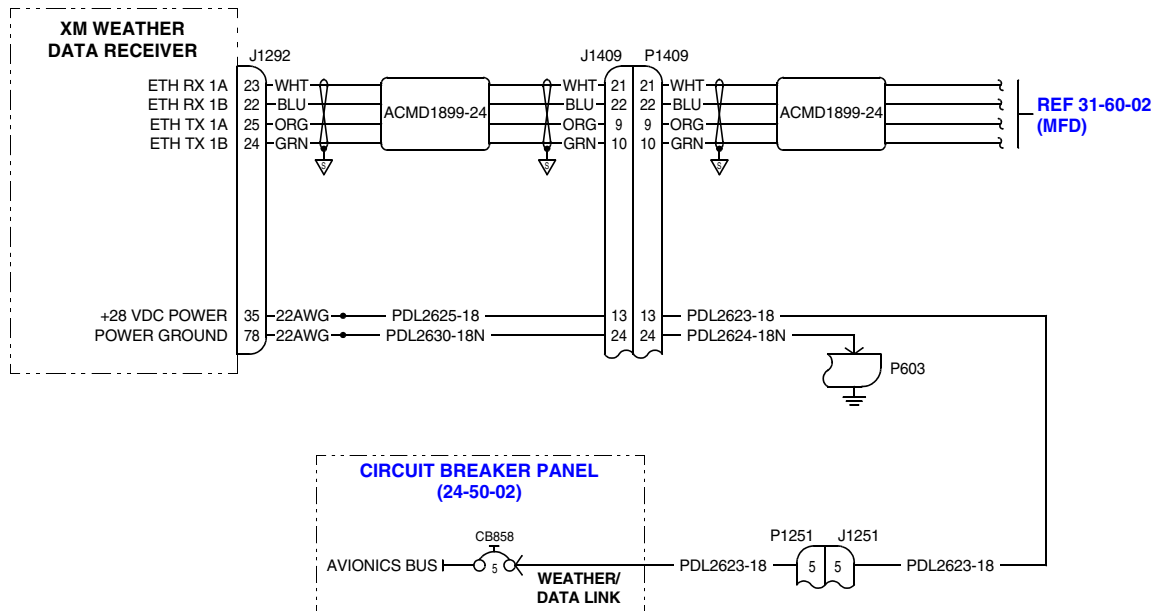
EFFECTIVITY:

Serials 22-3026 thru 22-3827 w/ Perspective, 22T-0001 thru 22T-0267 w/o Audio

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NOTES

Refer to 91-10-00 for connector and pin information.

WM29299_06A

Figure-08

XM WX/Radio - Serials 22-3828 & subs w/ Perspective, 22T-0268 & subs w/o Audio

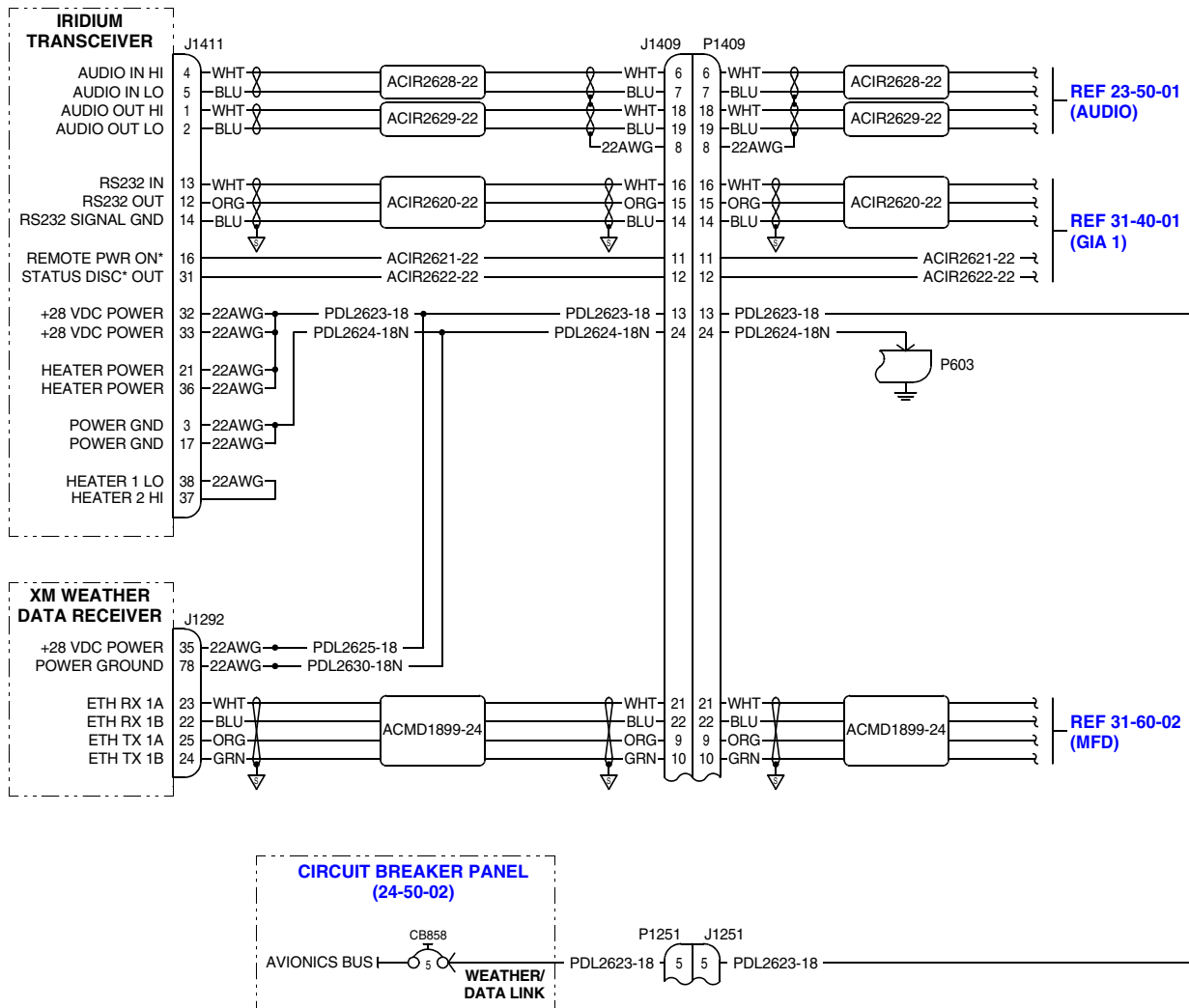
EFFECTIVITY:

Serials 22-3828 & subs w/ Perspective, 22T-0268 & subs w/o Audio

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NOTES

Refer to 91-10-00 for connector and pin information.

WM29299_09

Figure-08

XM WX/Radio - Serials 22-3828 & subs w/ Perspective, 22T-0268 & subs w/o Audio, w/ Iridium

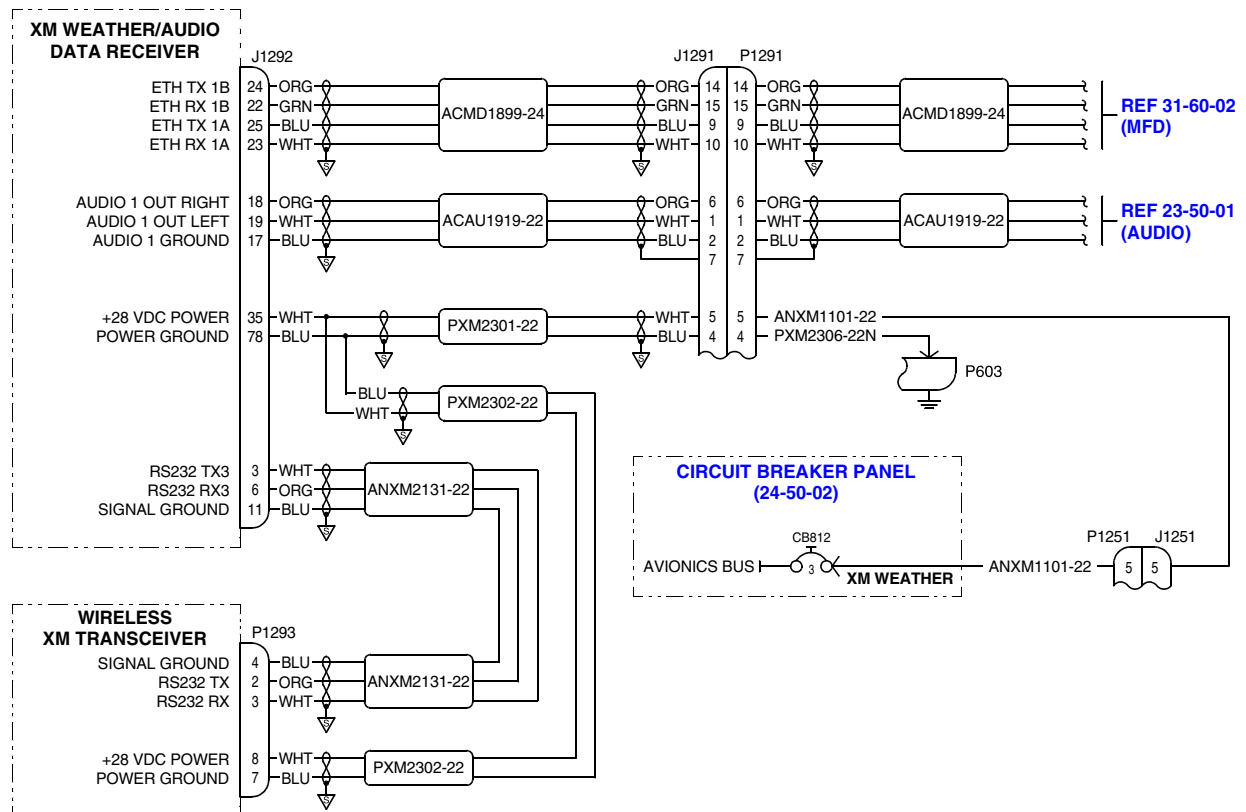
EFFECTIVITY:

Serials 22-3828 & subs w/ Perspective, 22T-0268 & subs w/o Audio, w/ Iridium

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NOTES

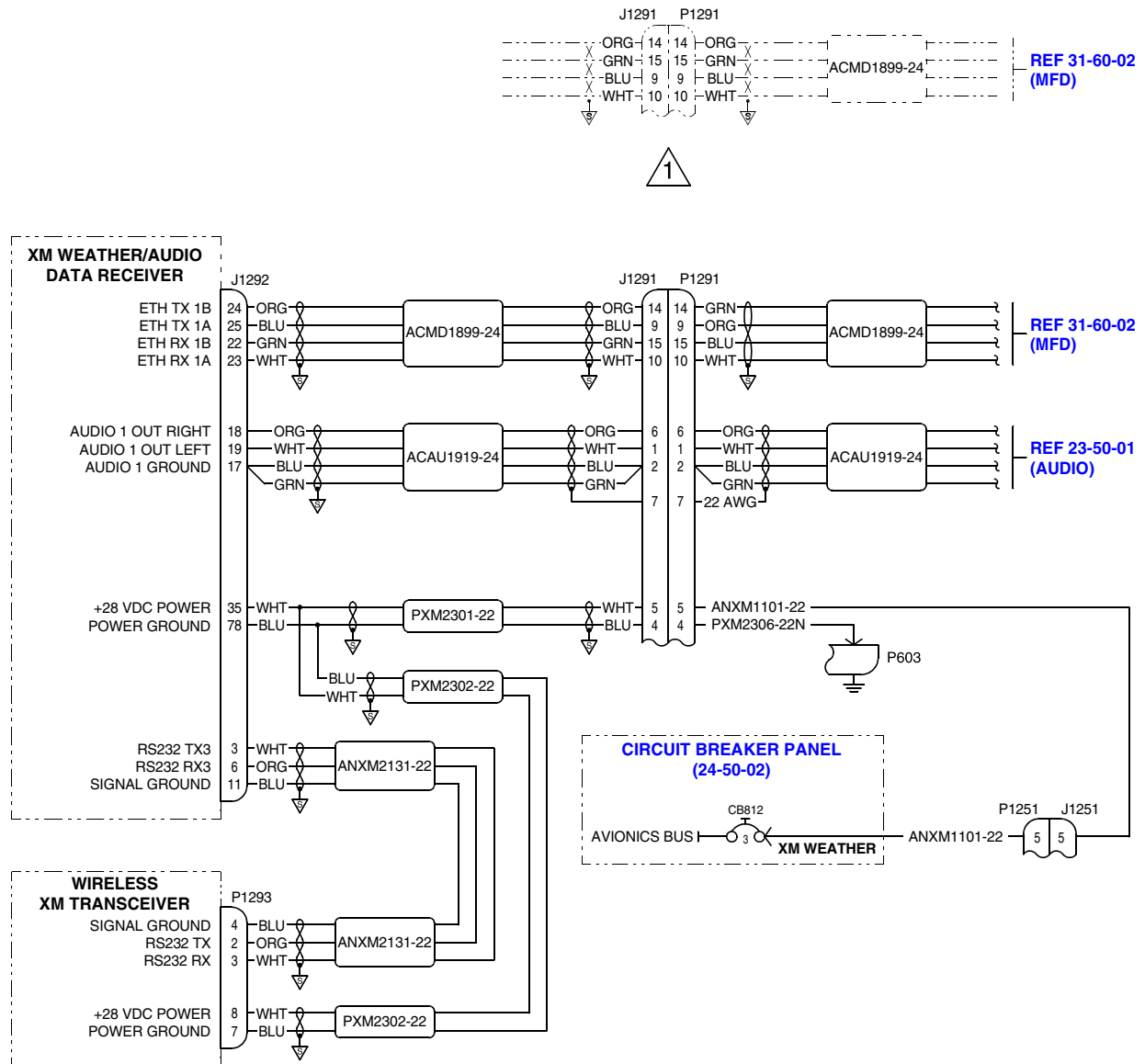
Refer to 91-10-00 for connector and pin information.

WM24590_04A

Figure-08
XM WX/Radio - Serials 22-3026 thru 22-3267 w/ Perspective w/ Audio

EFFECTIVITY:
Serials 22-3026 thru 22-3267 w/ Perspective w/ Audio

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NOTES

Refer to 91-10-00 for connector and pin information.

1 Serials 22-3268 thru 22-3664, 22T-0001 thru 22T-0003.

WM24590_05B

Figure-08

XM WX/Radio - Serials 22-3268 thru 22-3827 w/ Perspective, 22T-0001 thru 22T-0267 w/ Audio

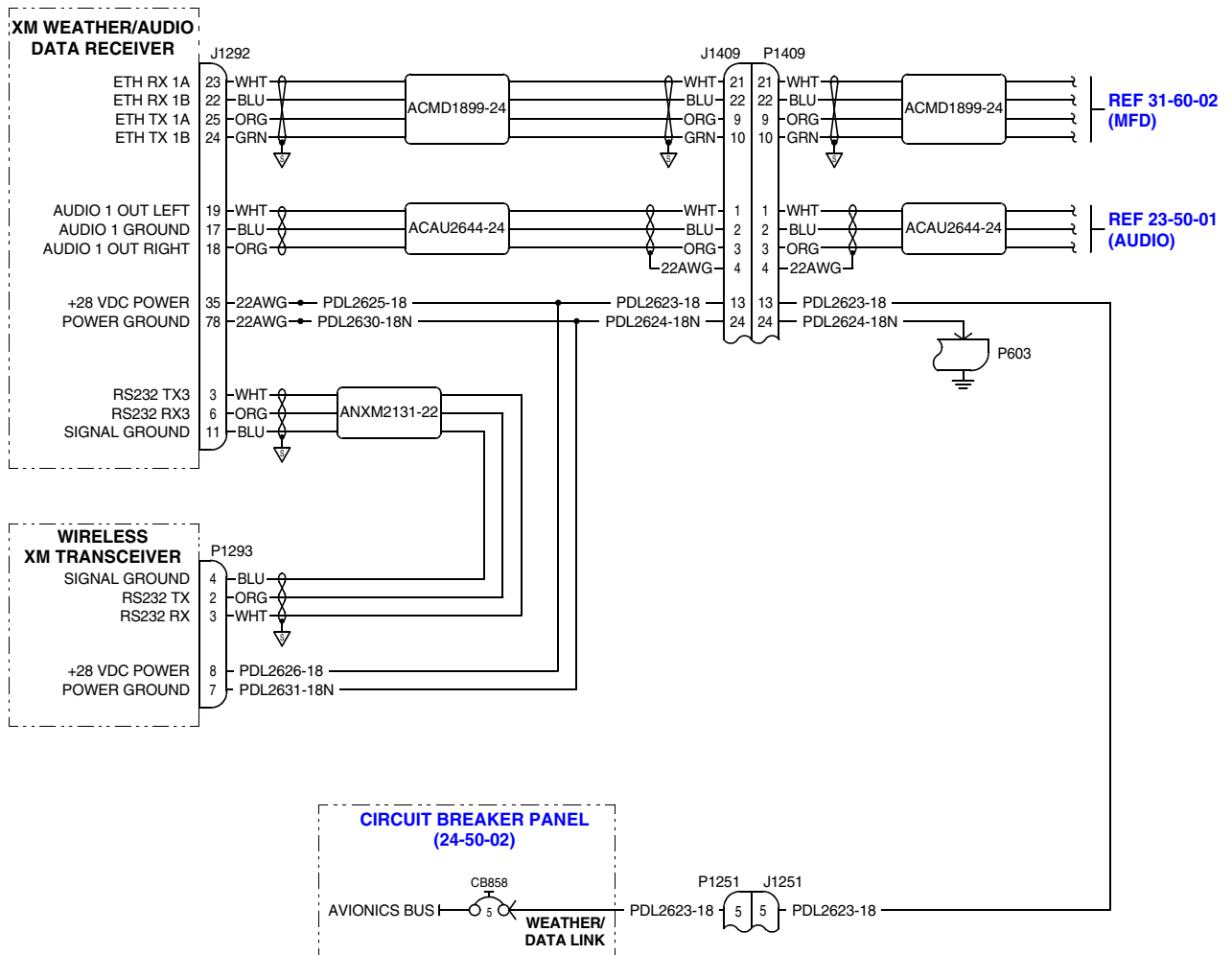
EFFECTIVITY:

Serials 22-3268 thru 22-3827 w/ Perspective, 22T-0001 thru 22T-0267 w/ Audio

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NOTES

Refer to 91-10-00 for connector and pin information.

WM29299_07

Figure-08

XM WX/Radio - Serials 22-3828 thru 22-4299 w/ Perspective, 22T-0268 thru 22T-1232 w/ Audio

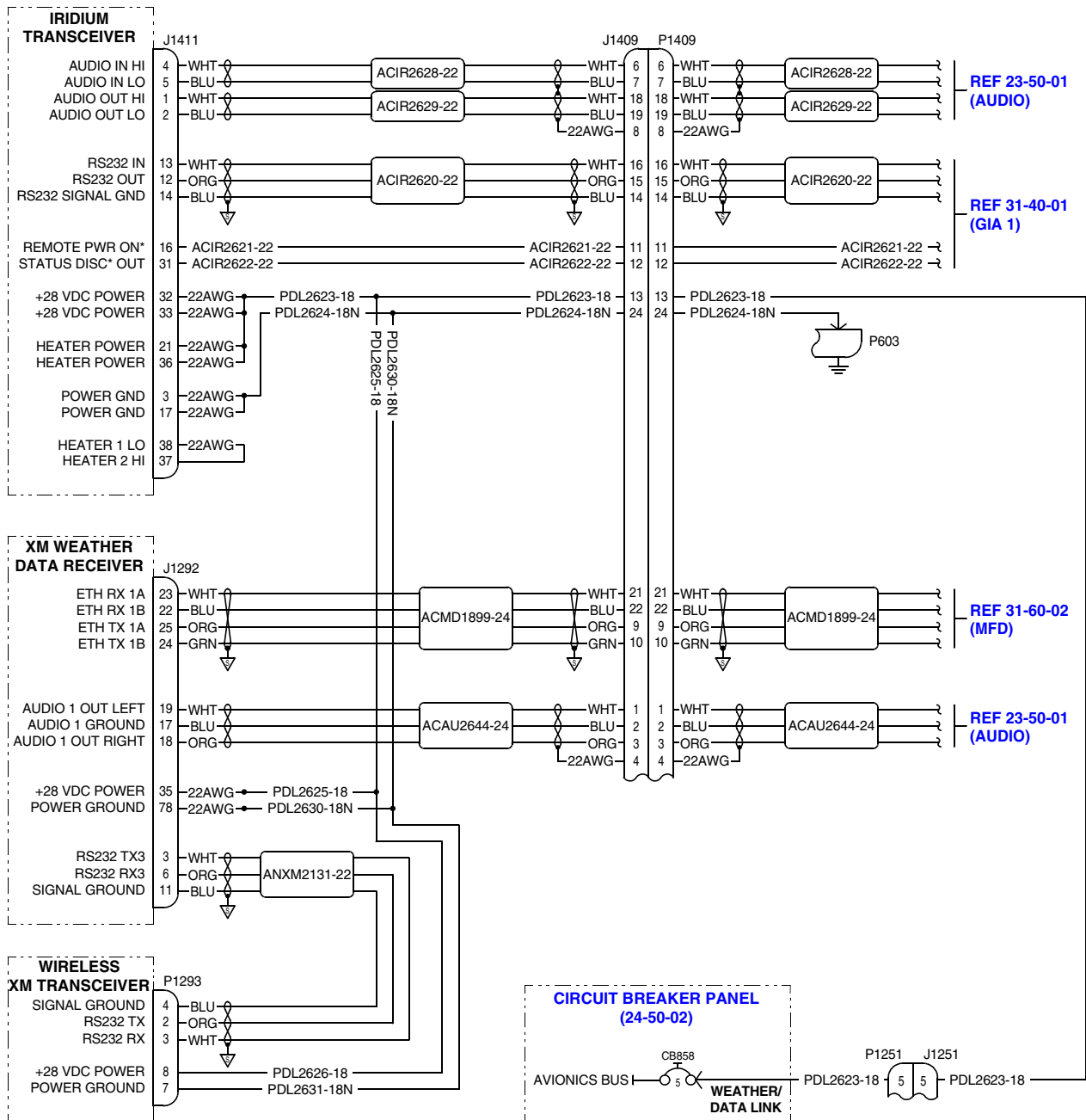
EFFECTIVITY:

Serials 22-3828 thru 22-4299 w/ Perspective, 22T-0268 thru 22T-1232 w/ Audio

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NOTES

Refer to 91-10-00 for connector and pin information.

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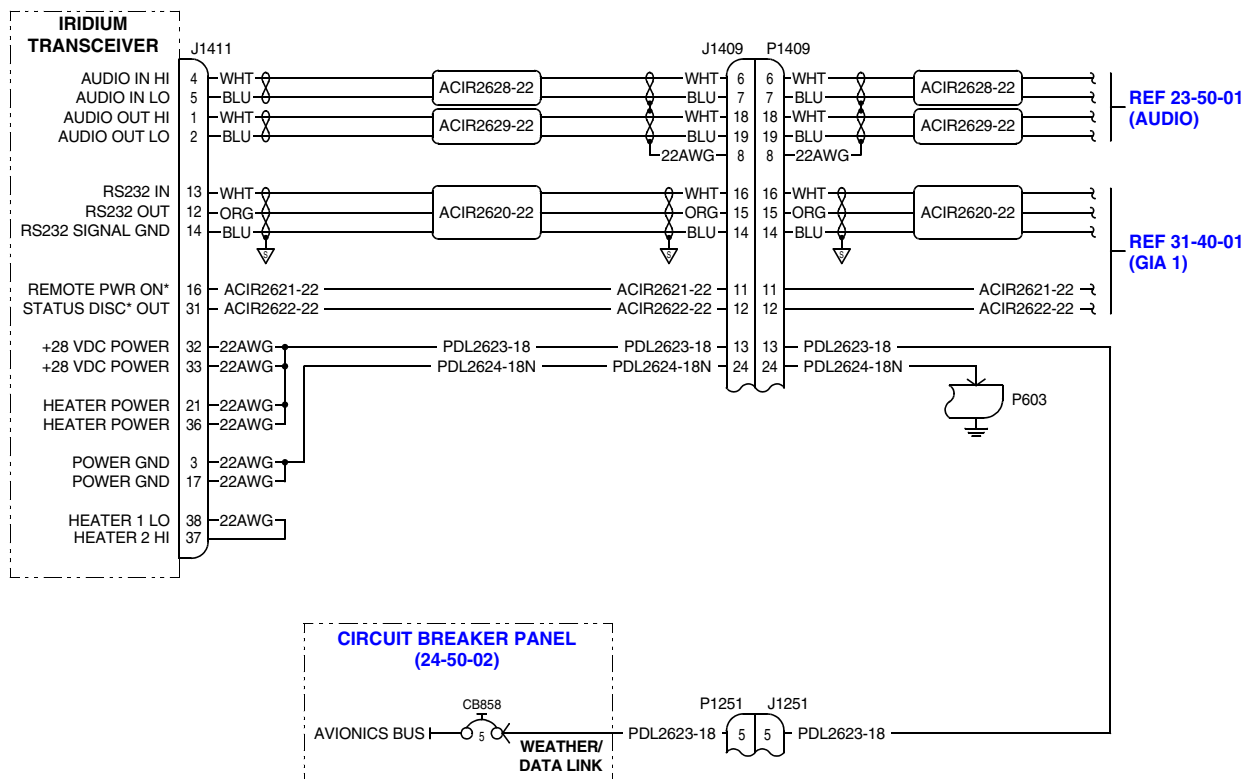
Figure-08

XM WX/Radio - Serials 22-3828 thru 22-4299 w/ Perspective, 22T-0268 thru 22T-1232 w/ Audio, w/ Iridium

EFFECTIVITY:
Serials 22-3828 thru 22-4299 w/ Perspective, 22T-0268 thru 22T-1232 w/ Audio, w/ Iridium

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NOTES

Refer to 91-10-00 for connector and pin information.

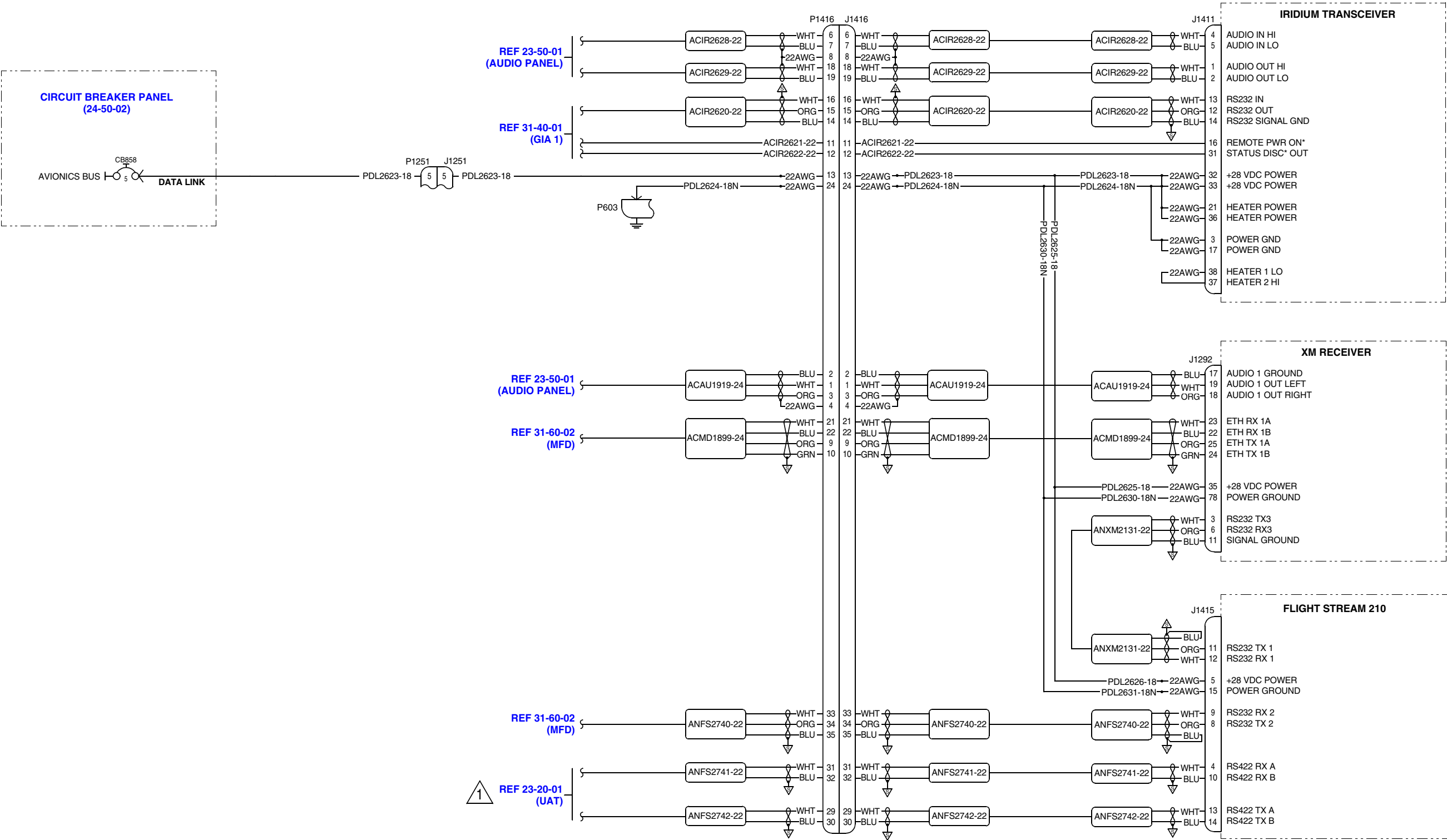
WM29299_10

Figure-08

Iridium Weather - Serials 22-3828 & subs w/ Perspective, 22T-0268 & subs

EFFECTIVITY:
Serials 22-3828 & subs w/ Perspective, 22T-0268 & subs

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NOTES

Refer to 91-10-00 for connector and pin information.

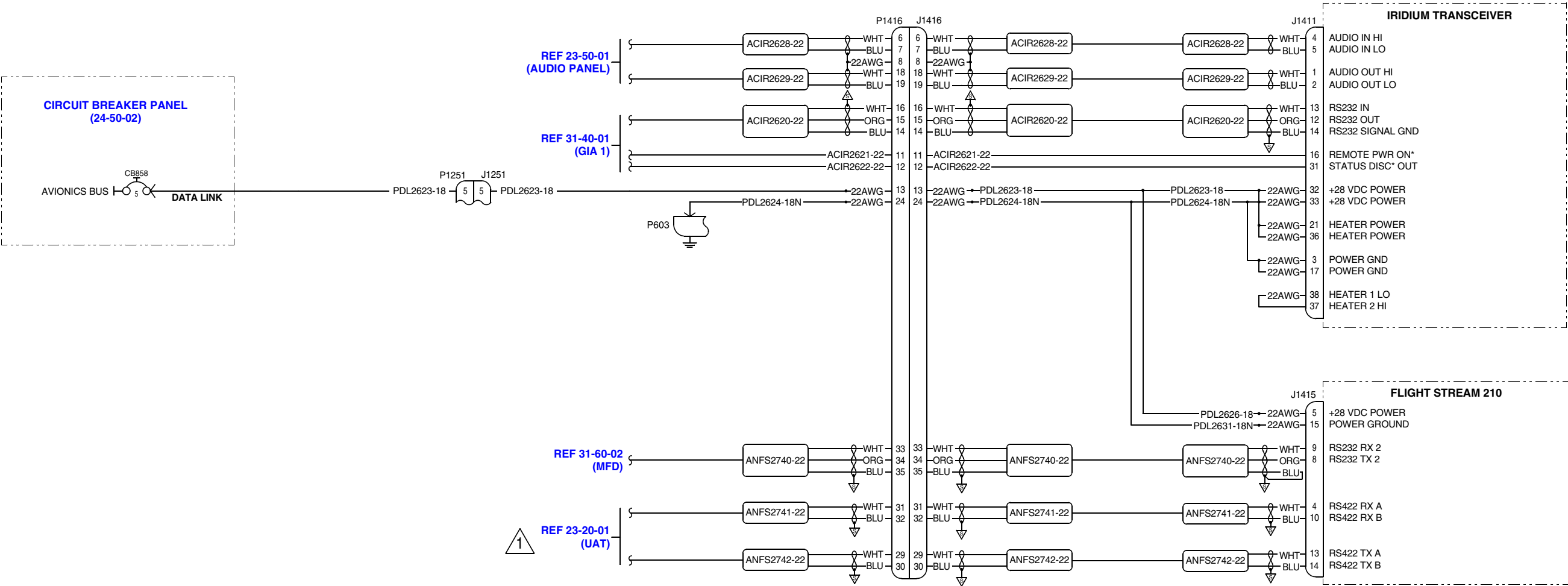
Serials 22-4300 & subs, 22T-1233 & subs.

Figure-08

Wireless Cockpit Transceiver FS210 - Serials 22-4300 & subs, 22T-1233 & subs w/ Iridium, w/ XM Receiver

EFFECTIVITY:
Serials 22-4300 & subs, 22T-1233 & subs w/ Iridium, w/
XM Receiver

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NOTES

Refer to 91-10-00 for connector and pin information.

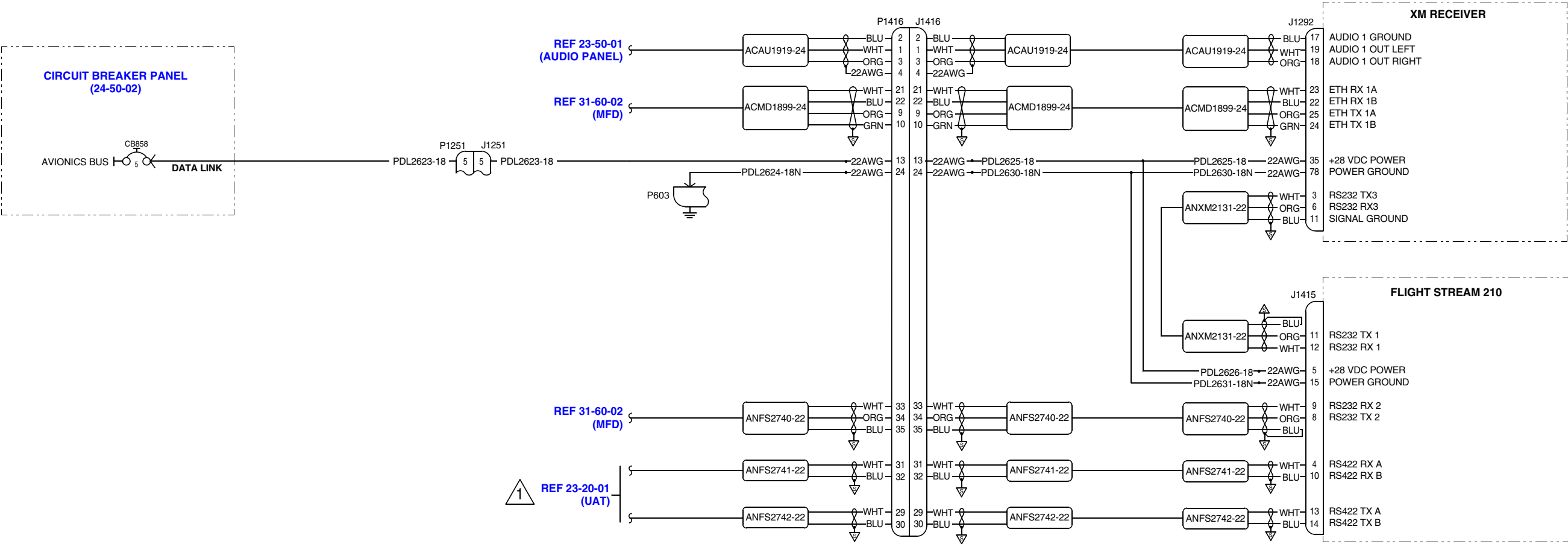
1 Serials 22-4300 & subs, 22T-1233 & subs.

Figure-08

Wireless Cockpit Transceiver FS210 - Serials 22-4300 & subs, 22T-1233 & subs w/ Iridium, w/o XM Receiver

EFFECTIVITY:
Serials 22-4300 & subs, 22T-1233 & subs w/ Iridium, w/
o XM Receiver

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NOTES

Refer to 91-10-00 for connector and pin information.

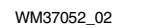
1. Serials 22-4300 & subs, 22T-1233 & subs.

Figure-08

Wireless Cockpit Transceiver FS210 - Serials 22-4300 & subs, 22T-1233 & subs w/o Iridium, w/ XM Receiver

EFFECTIVITY:
Serials 22-4300 & subs, 22T-1233 & subs w/o Iridium,
w/ XM Receiver

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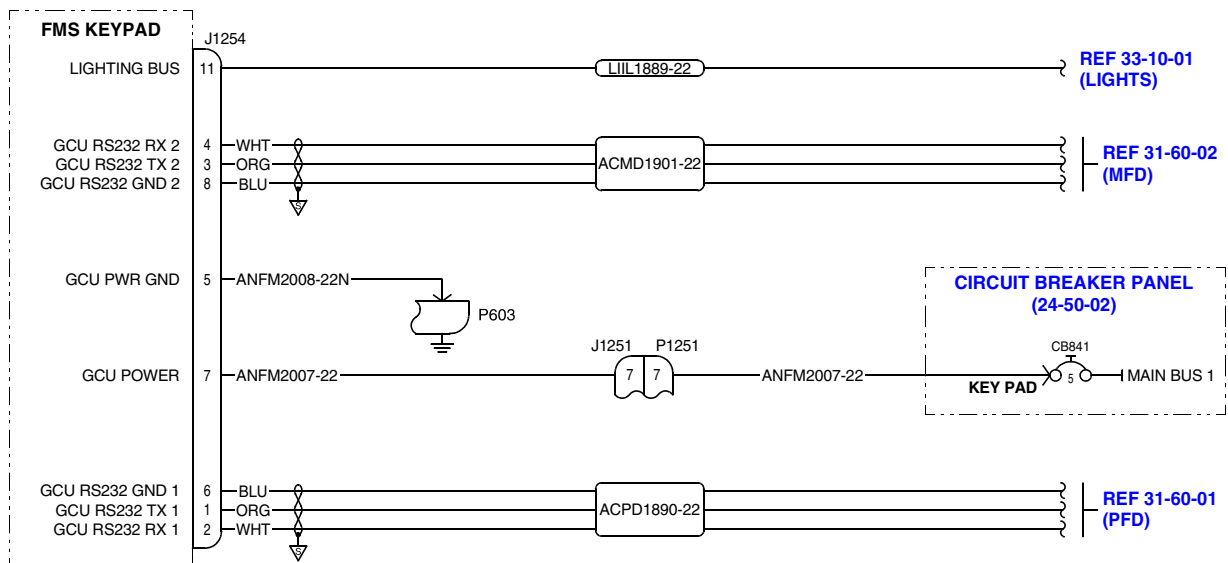


Refer to 91-10-00 for connector and pin information.

Figure-08

EFFECTIVITY:
Serials 22-4300 & subs, 22T-1233 & subs w/ FS210

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NOTES

Refer to 91-10-00 for connector and pin information.

WM24570_06

Figure-01
FMS Key Pad - Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

EFFECTIVITY:
Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

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IGNITION

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74-00-01	2	31 MAY 2011

EFFECTIVITY:
All

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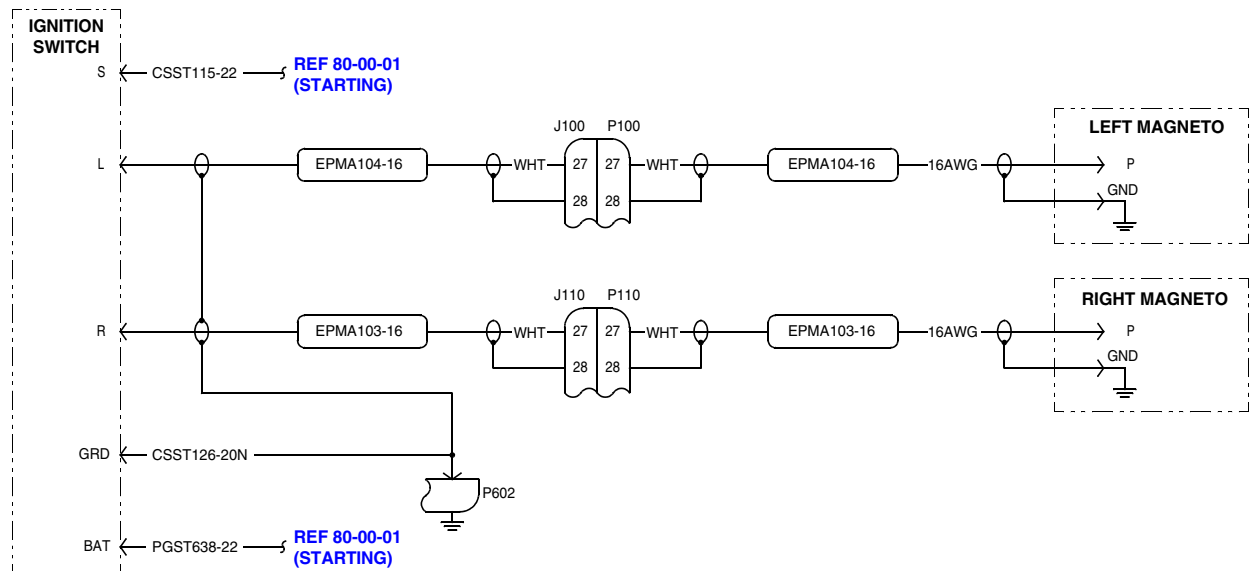
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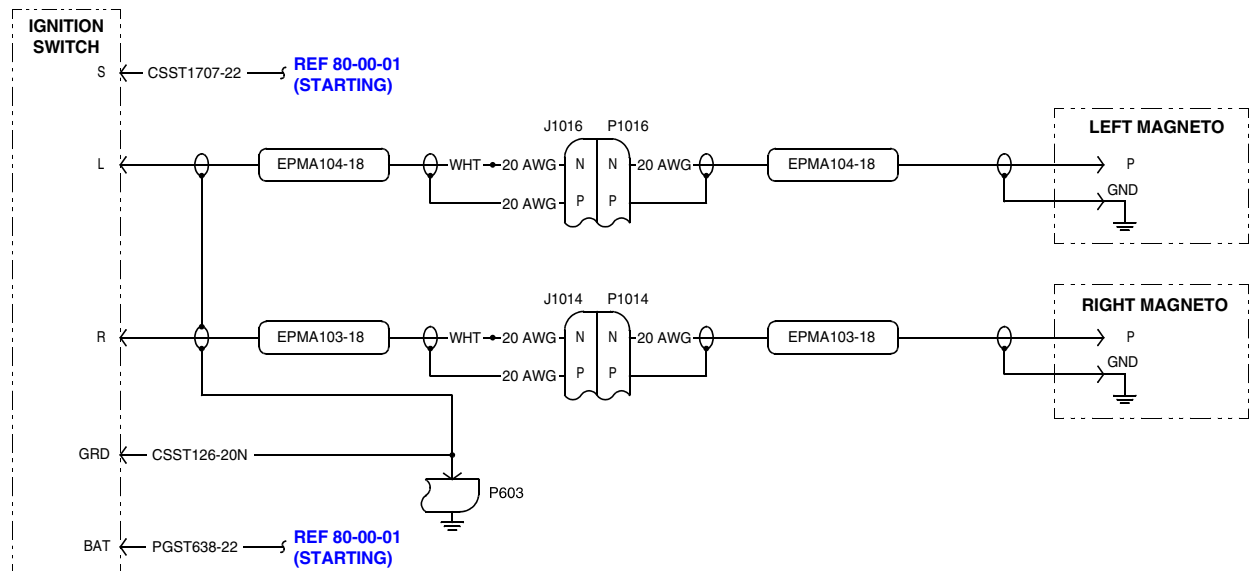
Refer to 91-10-00 for connector and pin information.

WM14304_01A

Figure-01
Engine Ignition System - Serials 22-0002 & subs w/o Perspective

EFFECTIVITY:
Serials 22-0002 & subs w/o Perspective

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NOTES

Refer to 91-10-00 for connector and pin information.

WM24630_06

Figure-01
Engine Ignition System - Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

EFFECTIVITY:
Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

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**ENGINE
INDICATING**

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77-40	2	01 FEB 2013
77-40	3	01 MAY 2012
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77-40	4	19 SEP 2017
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EFFECTIVITY:
All

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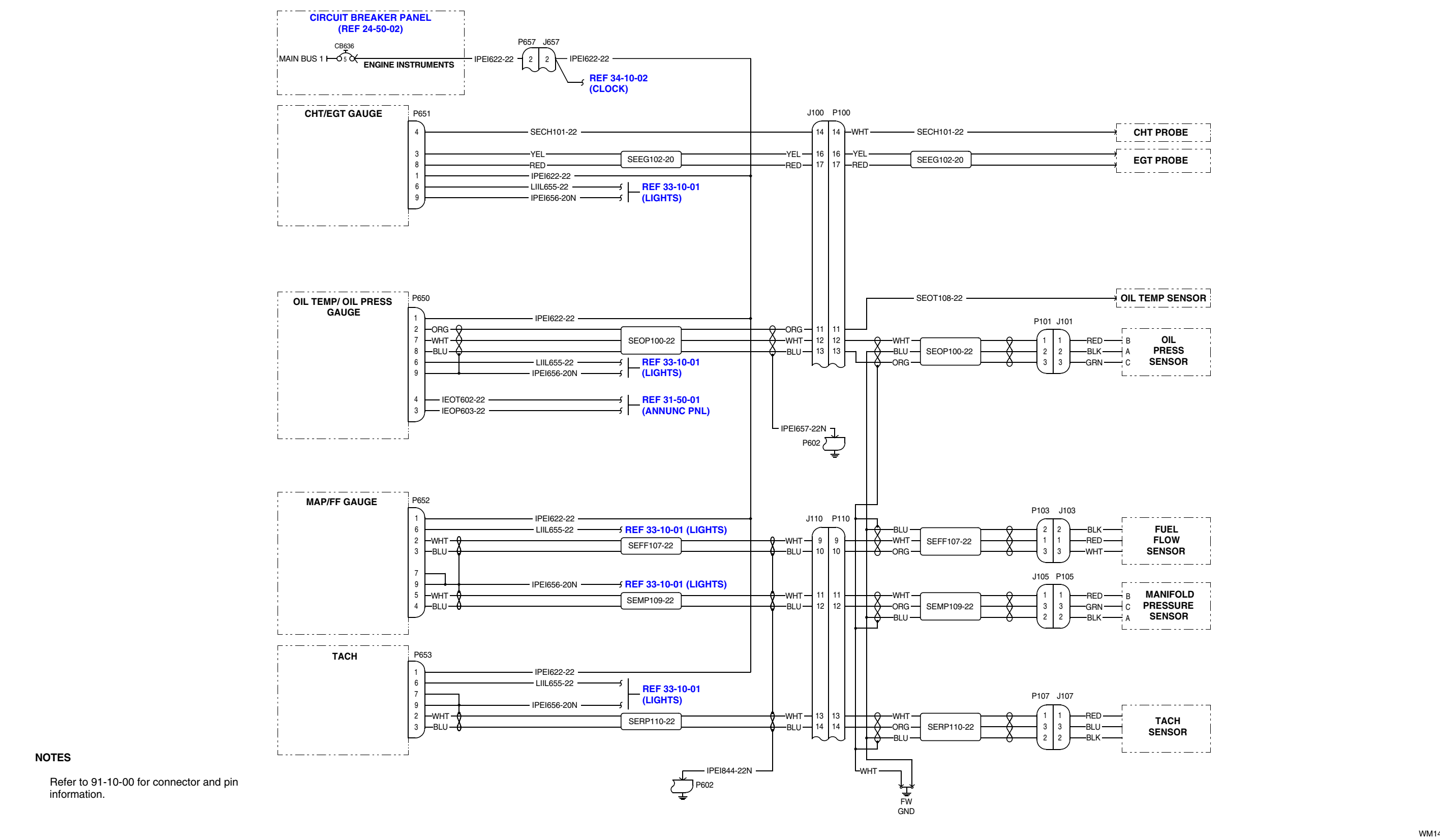
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NOTES

Refer to 91-10-00 for connector and pin information.

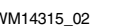
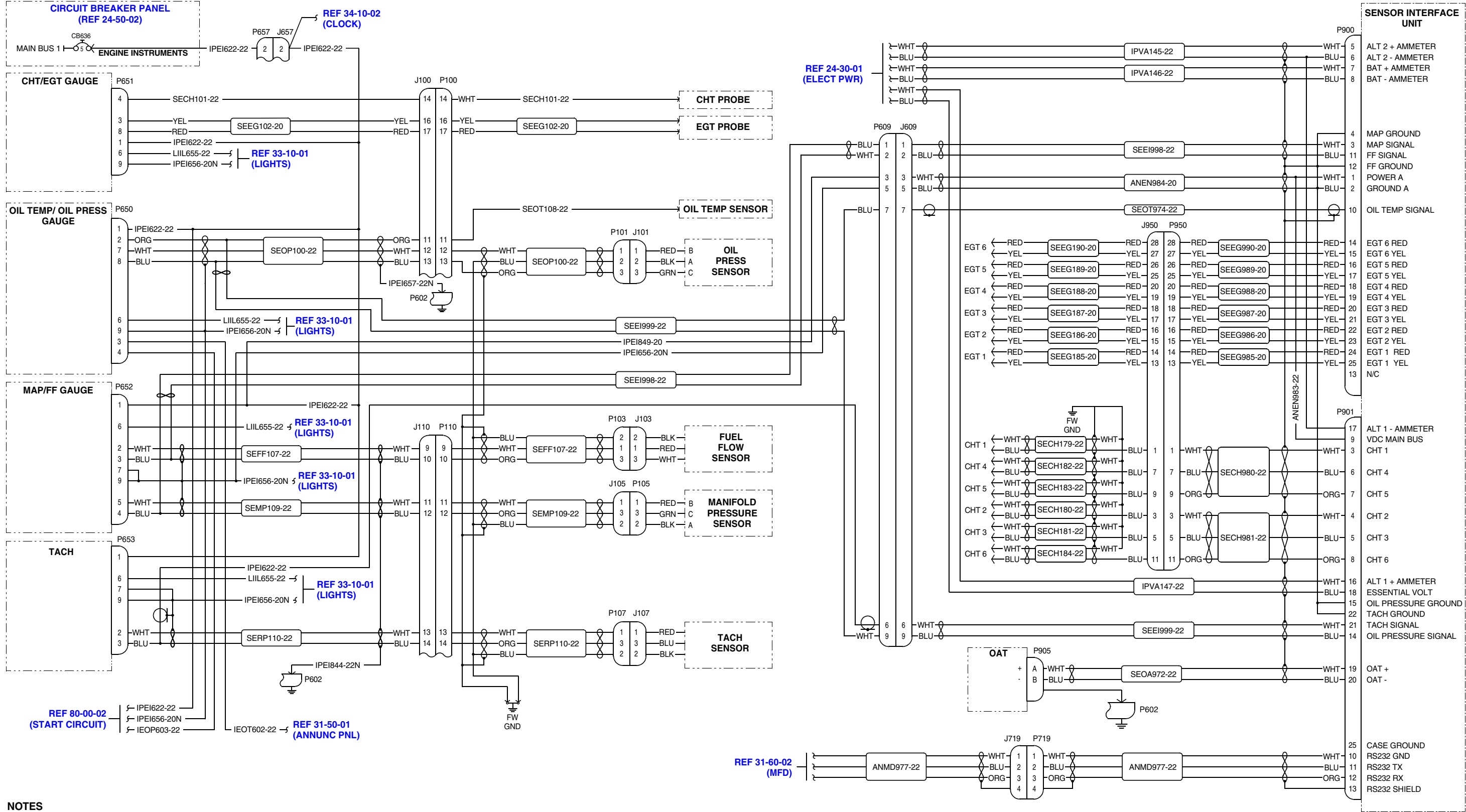


Figure-01

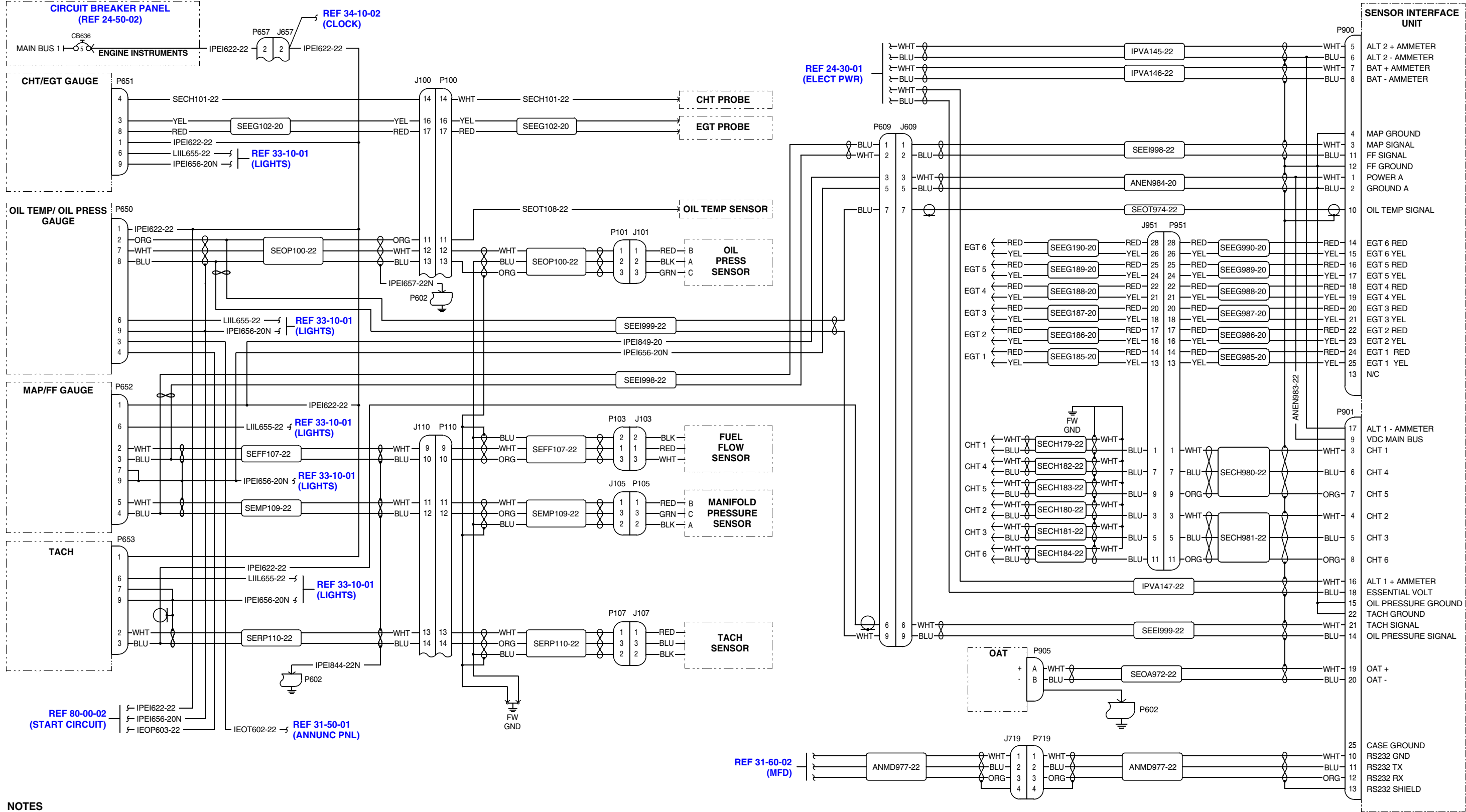


WM15037_02A

Figure-01

Engine Indicating - Serials 22-1087 thru 22-1484

EFFECTIVITY:
Serials 22-1087 thru 22-1484



NOTES

Refer to 91-10-00 for connector and pin information.

Figure-01

Engine Indicating - Serials 22-1485 thru 22-1601, 22-1603 thru 22-1643, 22-1645 thru 22-1662

EFFECTIVITY:
Serials 22-1485 thru 22-1601, 22-1603 thru 22-1643,
22-1645 thru 22-1662

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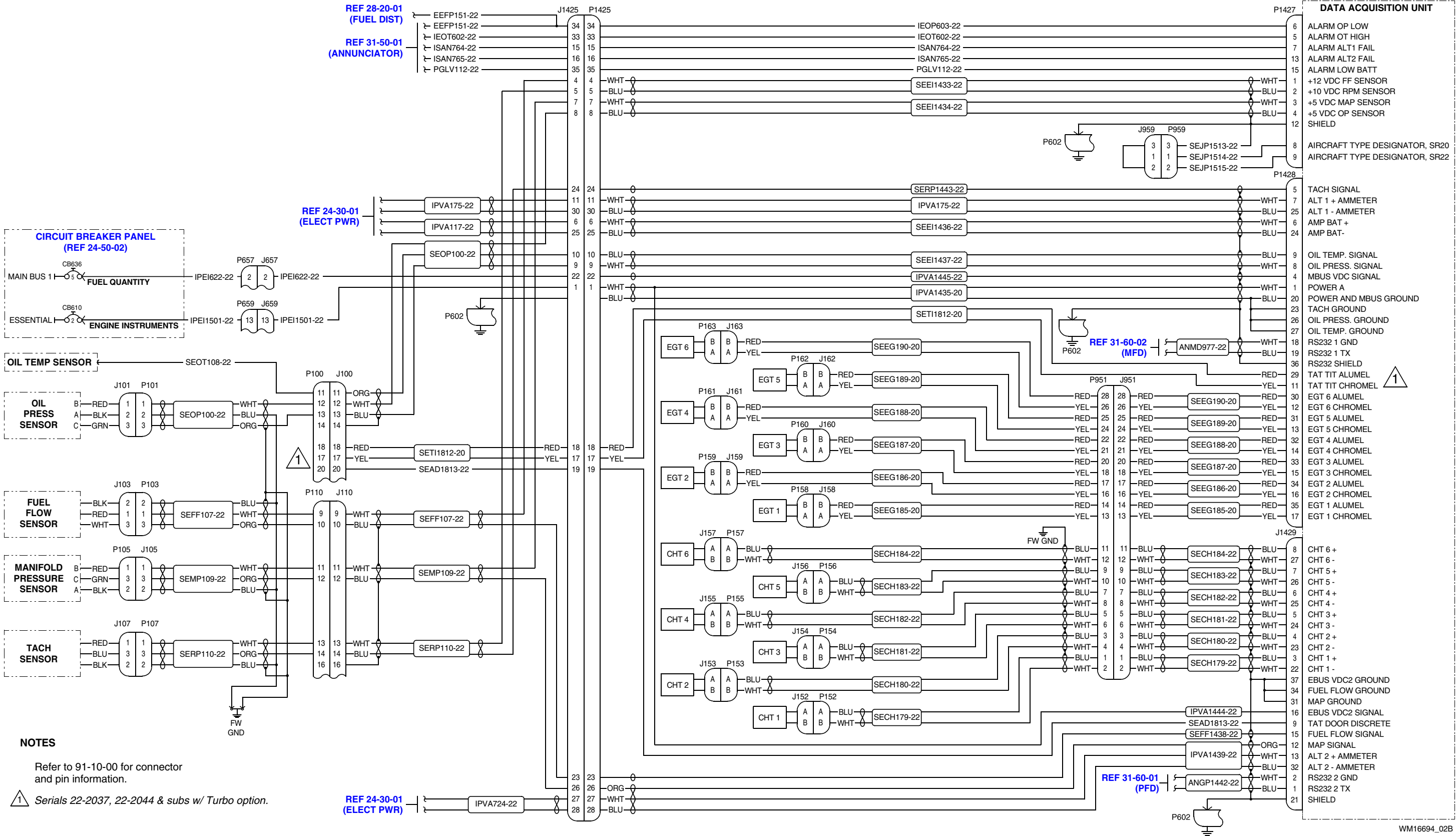


Figure-01

Engine Indicating - Serials 22-1602, 22-1644, 22-1663 & subs w/ Emax w/o Perspective

EFFECTIVITY:
Serials 22-1602, 22-1644, 22-1663 & subs w/ Emax w/
o Perspective

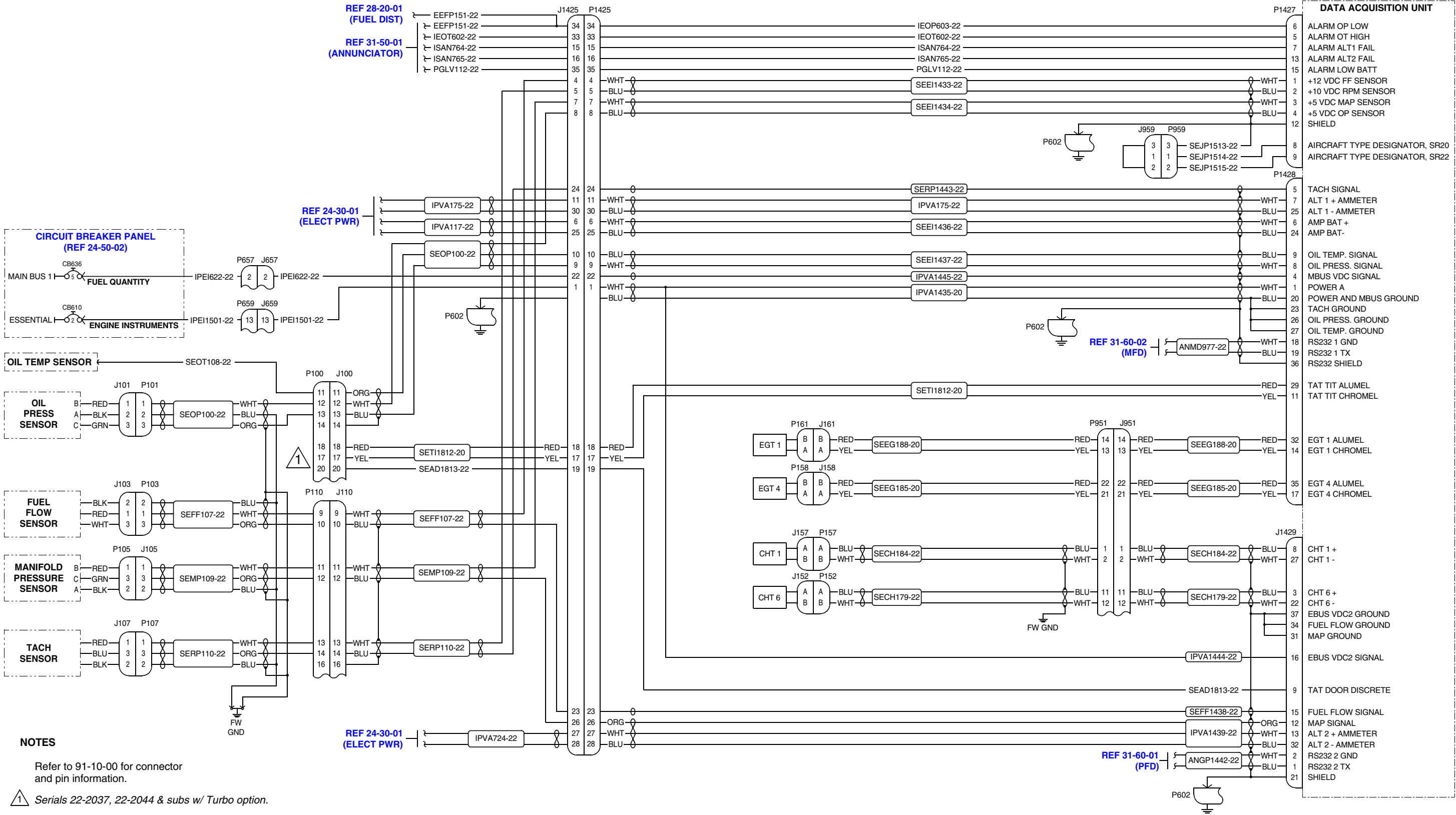
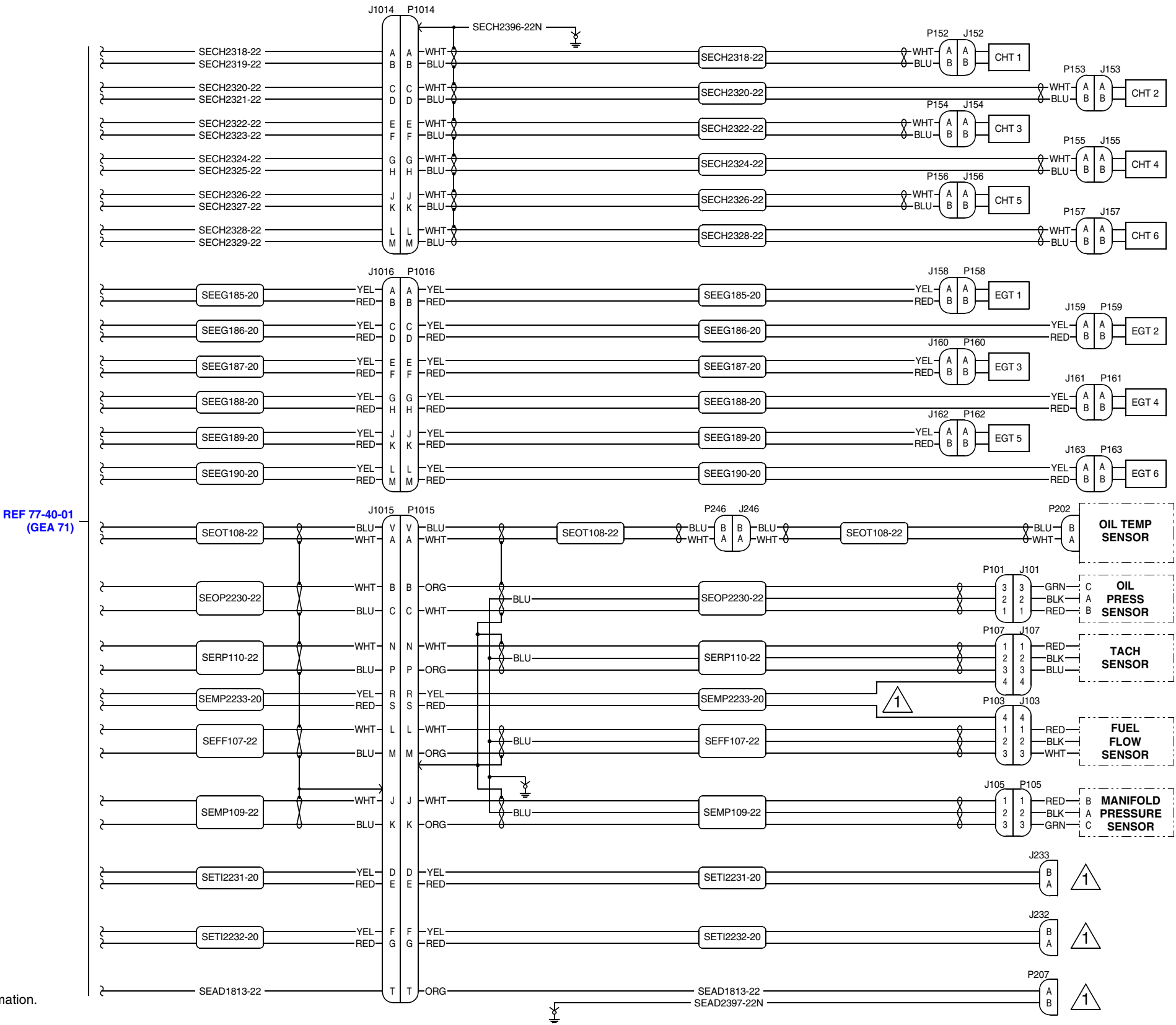


Figure-01

Engine Indicating - Serials 22-1967 & subs w/o Emax w/o Perspective

EFFECTIVITY:
Serials 22-1967 & subs w/o Emax w/o Perspective



NOTES

Refer to 91-10-00 for connector and pin information.

1 Installed with optional Turbo system.

Figure-01

Engine Indicating - Serials 22-3026 thru 22-3848 w/ Perspective, 22T-0001 thru 22T-0318

EFFECTIVITY:
Serials 22-3026 thru 22-3848 w/ Perspective, 22T-0001
thru 22T-0318

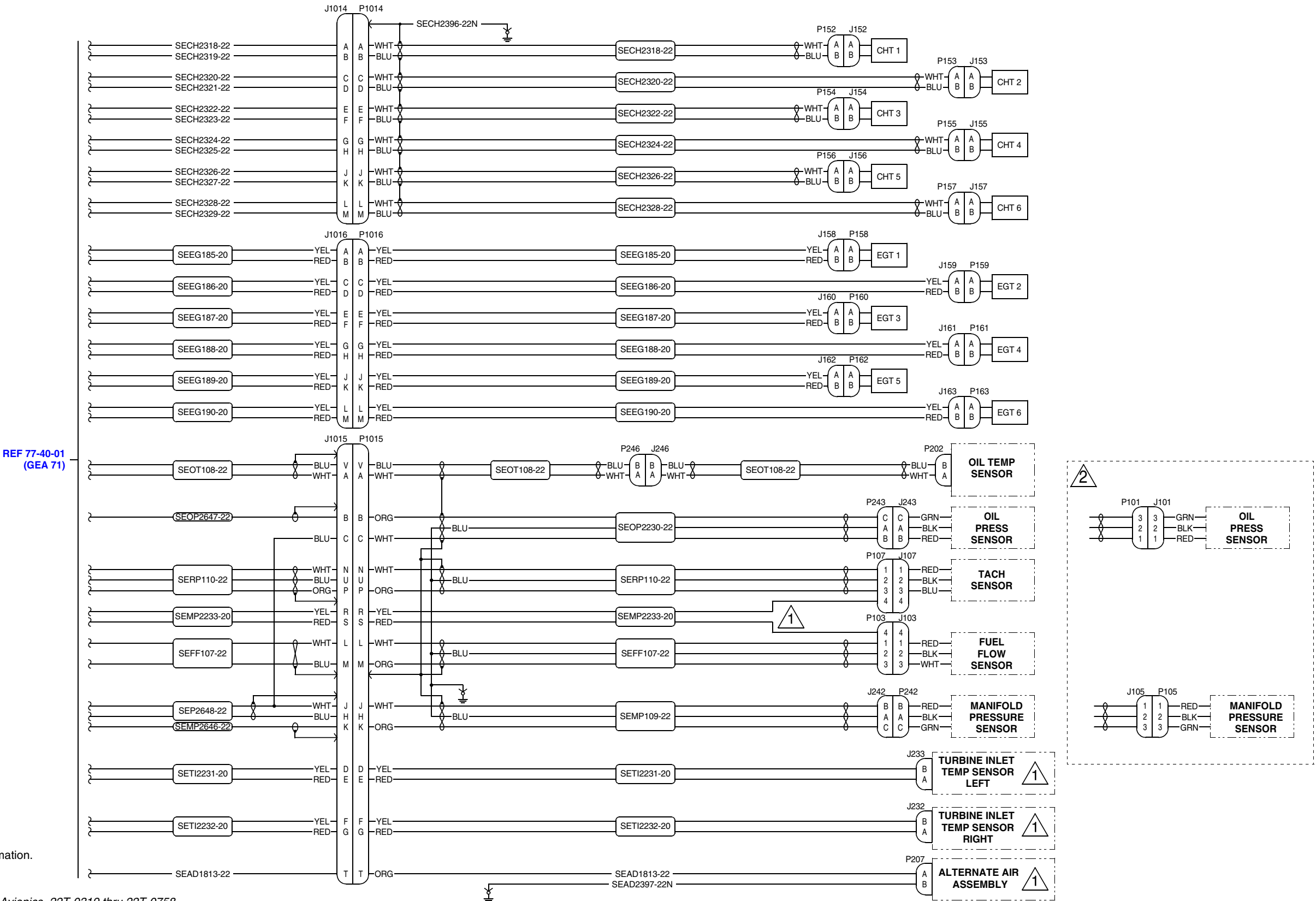
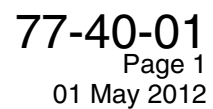
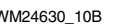


Figure-01

Engine Indicating - Serials 22-3849 & subs w/ Perspective, 22T-0319 & subs

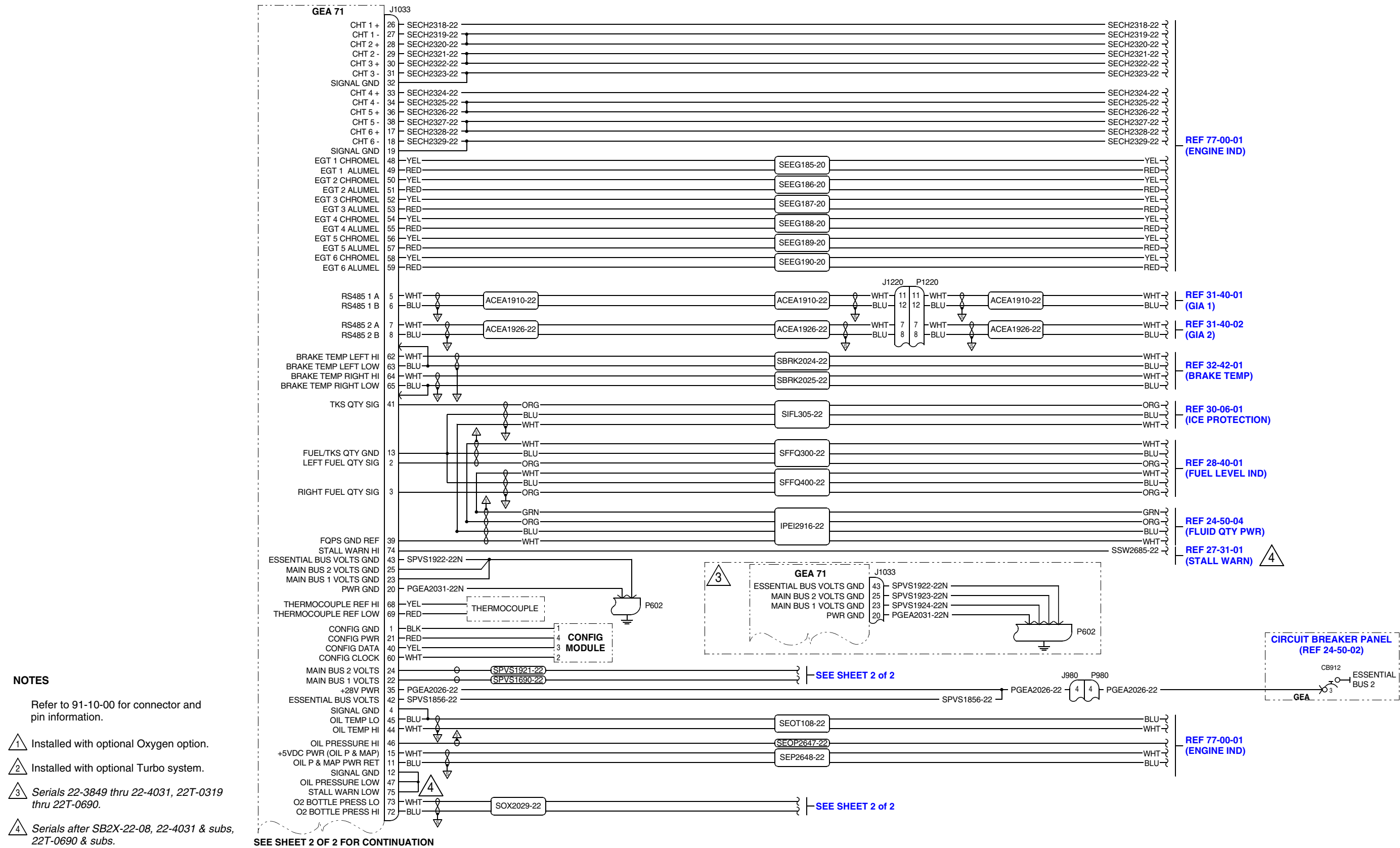
EFFECTIVITY:
Serials 22-3849 & subs w/ Perspective, 22T-0319 & subs





Engine Airframe Unit (GEA) - Serials 22-3026 thru 22-3848 w/ Perspective, 22T-0001 thru 22T-0318 (2 of 2)

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EFFECTIVITY:
Serials 22-3849 & subs w/ Perspective, 22T-0319 & subs

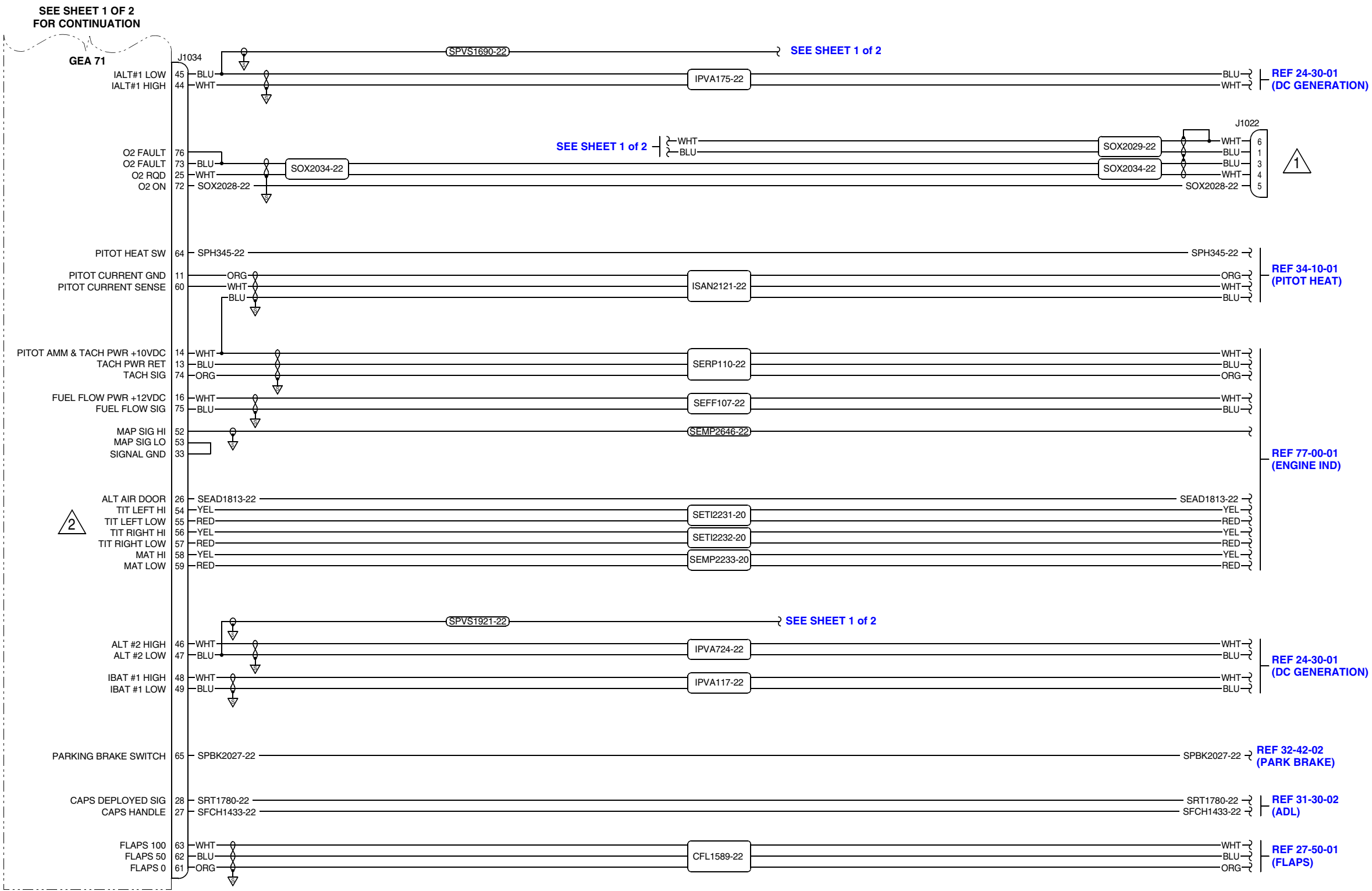
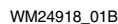


Figure-01

Engine Airframe Unit (GEA) - Serials 22-3849 & subs w/ Perspective, 22T-0319 & subs (2 of 2)

EFFECTIVITY:
Serials 22-3849 & subs w/ Perspective, 22T-0319 &
subs



Engine Airframe Unit (GEA) - Serials 22-3403 thru 22-3848, 22T-0001 thru 22T-0318 w/ FIKI (1 of 2)

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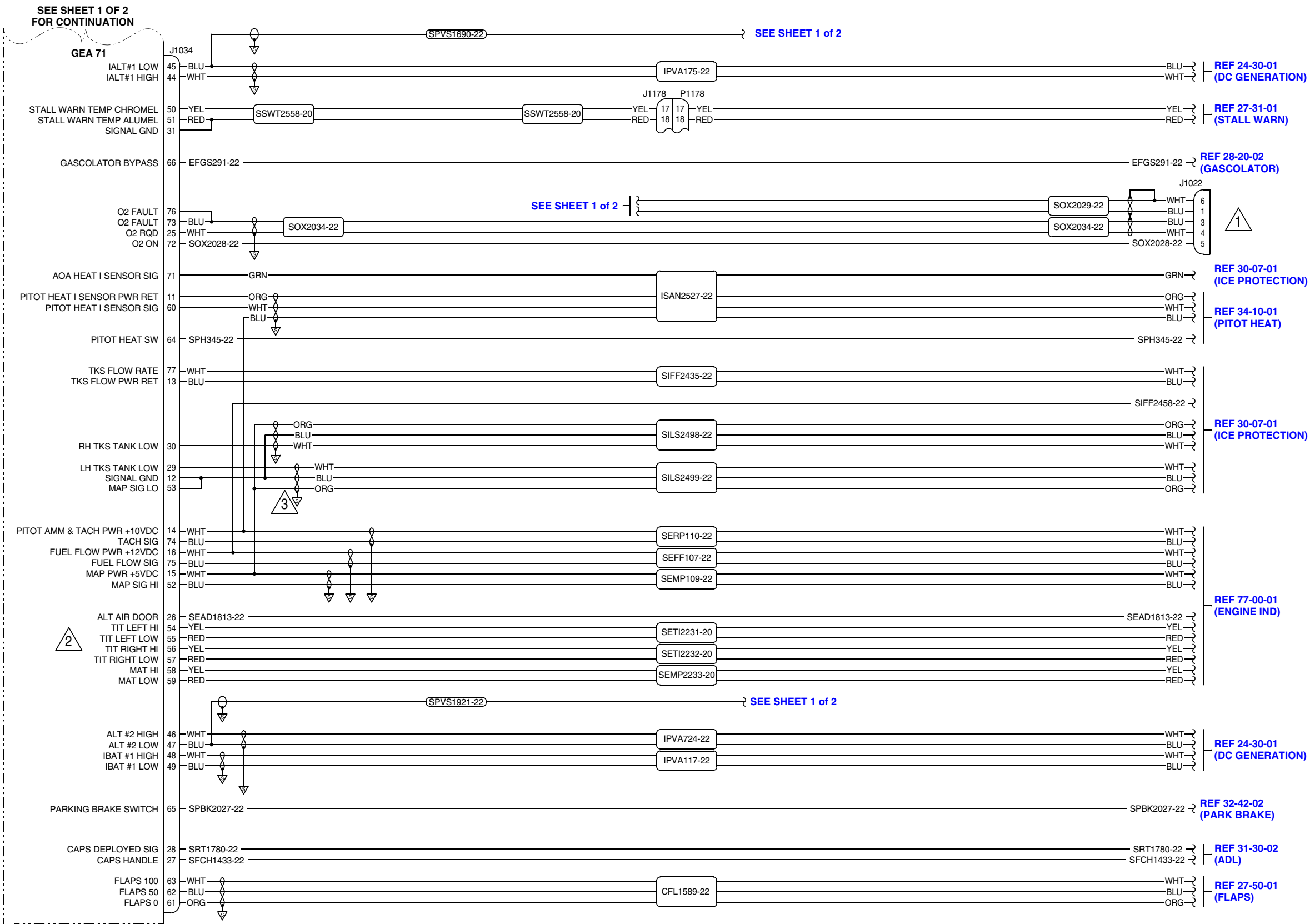
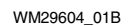


Figure-01

Engine Airframe Unit (GEA) - Serials 22-3403 thru 22-3848, 22T-0001 thru 22T-0318 w/ FIKI (2 of 2)

EFFECTIVITY:
Serials 22-3403 thru 22-3848, 22T-0001 thru 22T-0318
w/ FIKI



Engine Airframe Unit (GEA) - Serials 22-3849 & subs, 22T-0319 & subs w/ FIKI (1 of 2)

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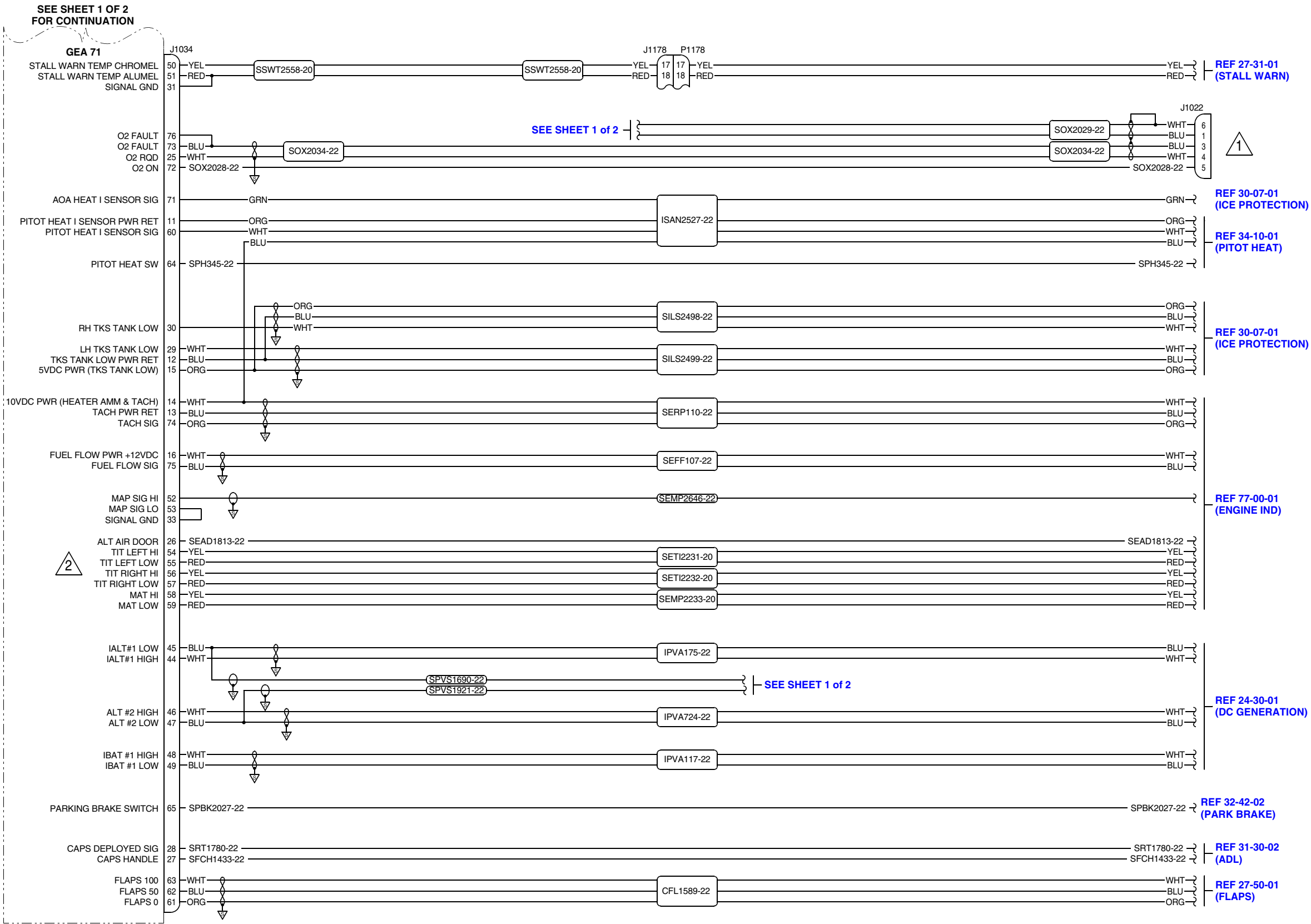


Figure-01

Engine Airframe Unit (GEA) - Serials 22-3849 & subs, 22T-0319 & subs w/ FIKI (2 of 2)

EFFECTIVITY:
Serials 22-3849 & subs, 22T-0319 & subs w/ FIKI

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80-00-01	2	31 MAY 2011
80-00-01	3	31 MAY 2011
80-00-02	1	31 MAY 2011

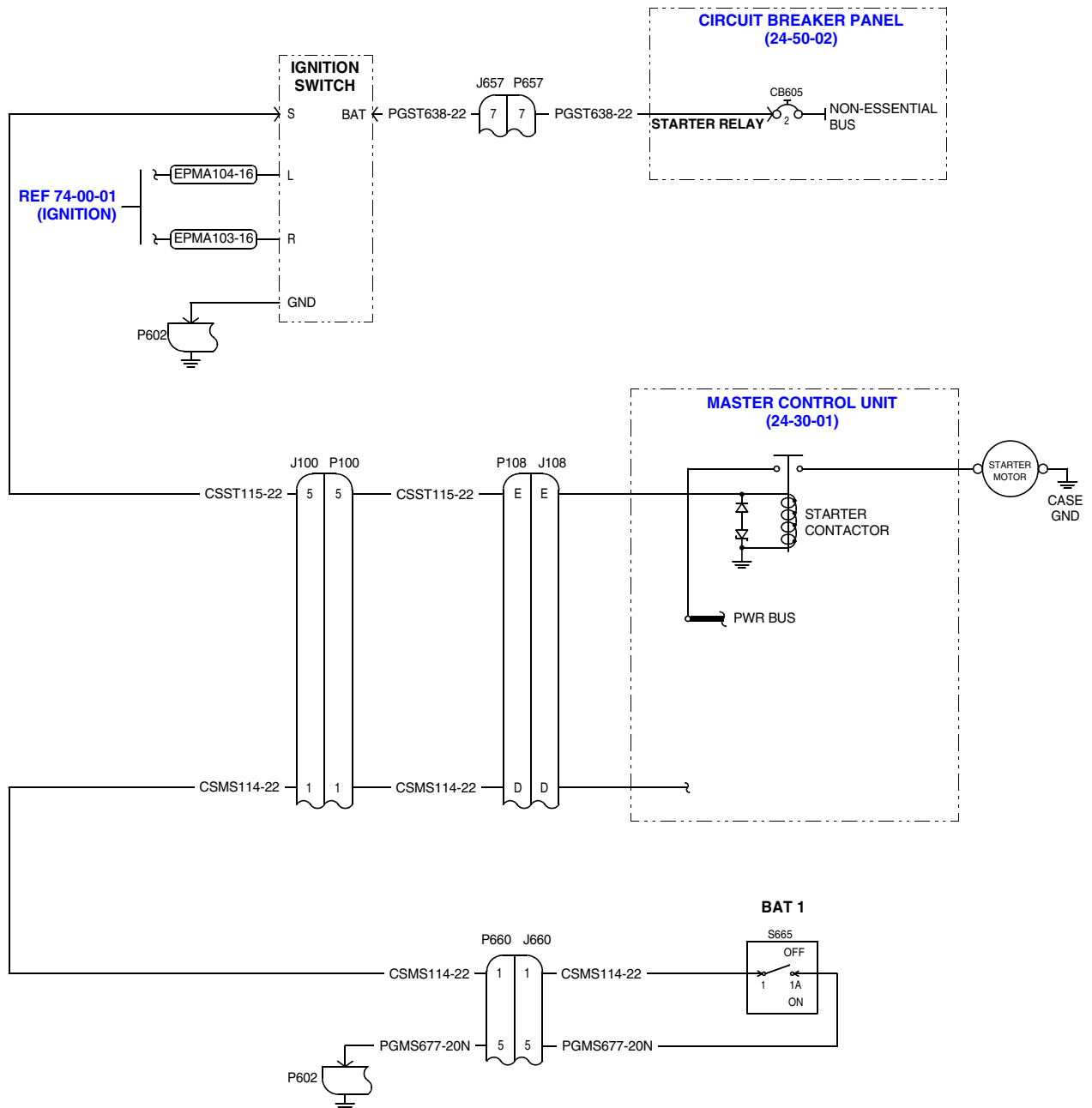
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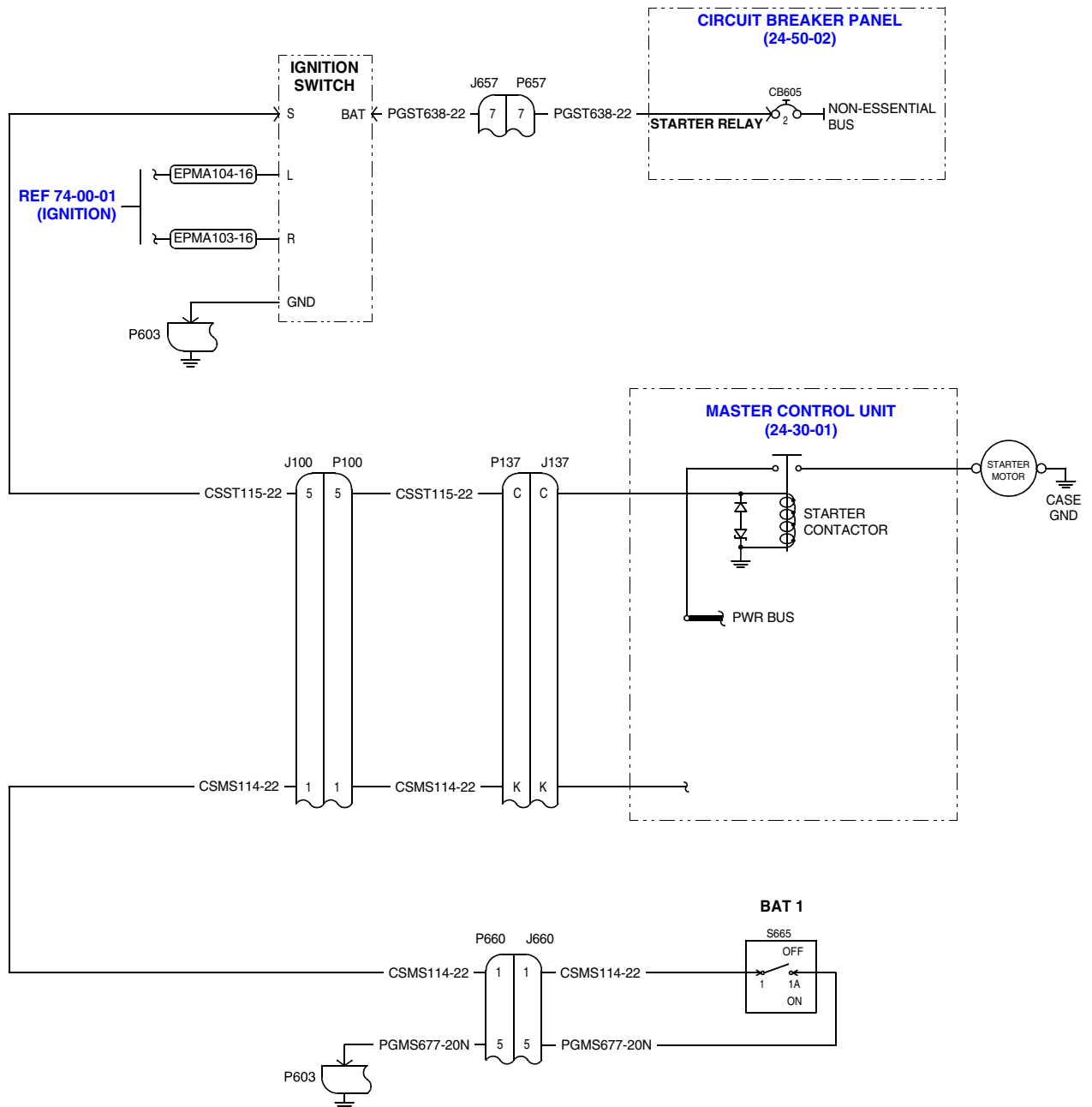


WM14307_01A

Figure-01
Engine Starting - Serials 22-0002 thru 22-1643, 22-1645 thru 22-1662

EFFECTIVITY:
Serials 22-0002 thru 22-1643, 22-1645 thru 22-1662

80-00-01
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NOTES

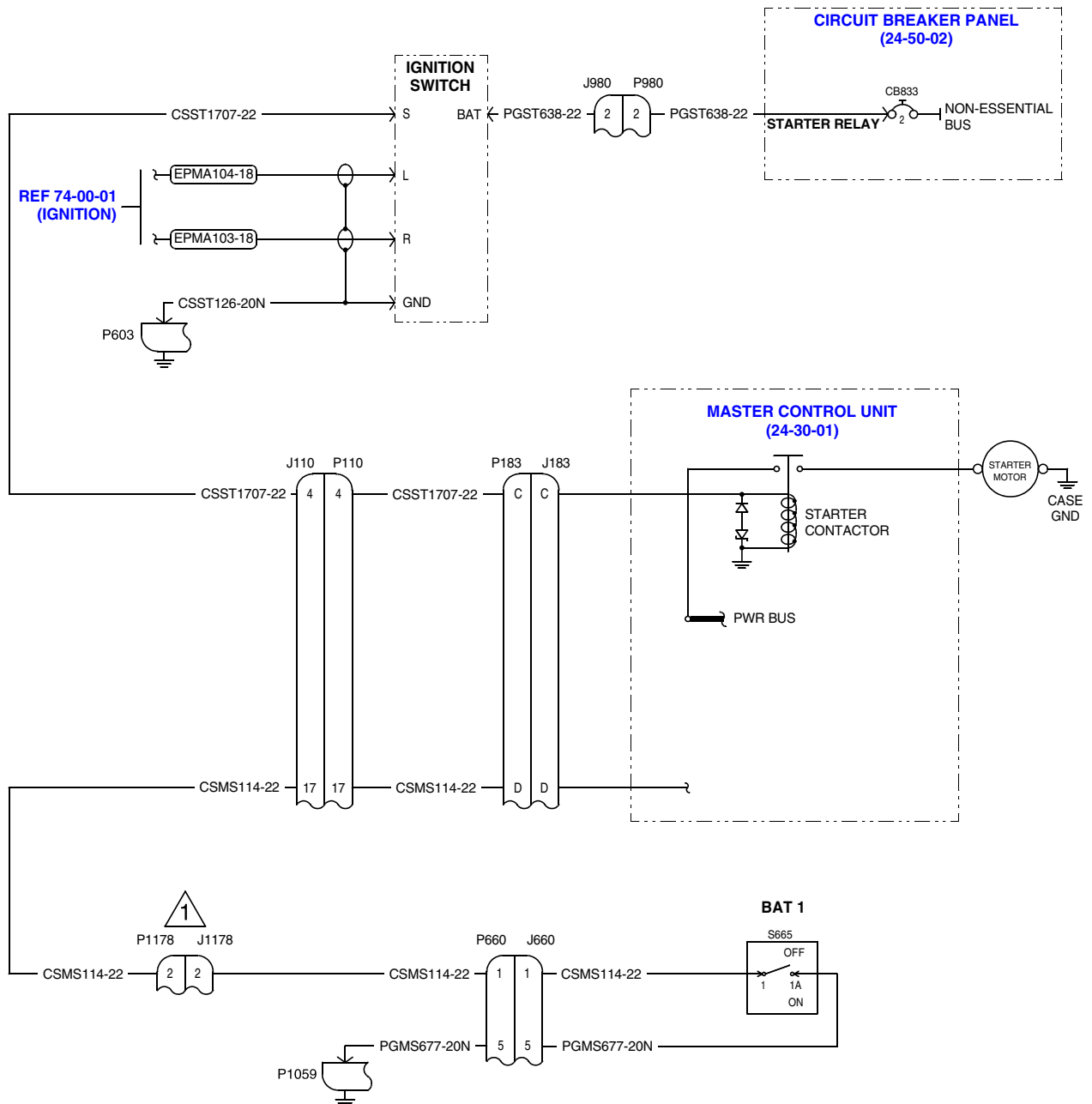
Refer to 91-10-00 for connector and pin information.

WM14307_04

Figure-01
Engine Starting - Serials 22-1602, 22-1644, 22-1663 & subs w/o Perspective

EFFECTIVITY:
Serials 22-1602, 22-1644, 22-1663 & subs w/o Perspective

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**NOTES**

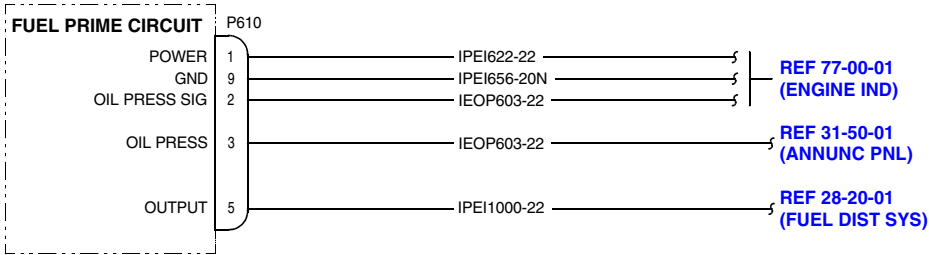
Refer to 91-10-00 for connector and pin information.

- 1 Serials 322-026 thru 22-3102 before SB 2X-91-01:
Connector is labeled J978, and P978.

WM24630_04A

Figure-01**Engine Starting - Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs****EFFECTIVITY:**

Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs



NOTES

Refer to 91-10-00 for connector and pin information.

WM13455_04

Figure-02

Starting Circuit - Serials 22-0278 thru 22-1601, 22-1603 thru 22-1643, 22-1645 thru 22-1662

EFFECTIVITY:
Serials 22-0278 thru 22-1601, 22-1603 thru 22-1643,
22-1645 thru 22-1662

CHAPTER

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CHARTS

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CHAPTER 91 - SYSTEM LOAD CHARTS AND BUS SCHEMATICS

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EFFECTIVITY:
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CHAPTER 91 - SYSTEM LOAD CHARTS AND BUS SCHEMATICS

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SYSTEM LOAD CHARTS AND BUS SCHEMATICS

1. GENERAL

The airplane is equipped with a two alternator system, with each alternator operating continuously.

Serials 22-0002 thru 22-1601, 22-1603 thru 22-1820, 22-1822 thru 22-1839, 22-1841 thru 22-1862, 22-1863 & subs w/o Fan or Air Conditioning: The forward alternator (ALT 1) is rated at 58 amps.

Serials 22-1602, 22-1821, 22-1840, 22-1863 & subs w/ Fan or Air Conditioning: The forward alternator (ALT 1) is rated at 85.8 amps.

The aft alternator (ALT 2) is rated at 20 amperes. The total system load of the airplane is supported by the two alternator configuration. The battery is charged in flight. The total continuous connected load is held to less than 80% of the total rated generator output capacity.

During normal operation the system operates like two separate systems; ALT 1 provides power to battery 1 and the main distribution bus loads, and ALT 2 provides power to battery 2 and the essential distribution bus loads. Low RPM operation or a failure of ALT 2 will cause all system loads and both batteries to be powered by ALT 1 only. Because this operation is automatic, main distribution and essential distribution bus continuous loads are held to less than 80% of the capacity of ALT 1 (80% of 58 A = 46.4 A, 80% of 85.8 A = 68.64 A).

Individual circuit loads have been determined by measuring the circuit loads as installed in the aircraft using a calibrated ammeter. Loads stated for circuits with oscillating or varying power use are maximum operating loads. These load measurements present the most accurate data for power usage available.

Serials 22-0002 thru 22-1601, 22-1603 thru 22-1643, 22-1645 thru 22-1662: The airplane has seven power distribution busses with associated protection devices located within the MCU. Three busses are used as distribution feeders from the Main Distribution Bus. Two busses are used as distribution feeders from the Essential Distribution Bus. All distribution feeders are routed to the circuit breaker panel located near the pilot's right knee. One bus is used to power the landing light directly from the Main Distribution Bus through a 15 amp circuit breaker. One bus is the clock keep-alive bus, which is protected with a five amp fuse located in the side of the MCU. The clock bus is the only bus not controlled by the master switch arrangement.

Serials 22-1602, 22-1644, 22-1663 thru 22-3025, 22-3026 & subs w/o Perspective Avionics: The airplane has nine power distribution busses with associated protection devices located within the MCU. Three busses are used as distribution feeders from the Main Distribution Bus. Two busses are used as distribution feeders for Air Conditioning. Two busses are used as distribution feeders from the Essential Distribution Bus. All distribution feeders are routed to the circuit breaker panel located near the pilot's right knee. One bus is used to power the landing light directly from the Main Distribution Bus through a 15 amp circuit breaker. One bus is the clock keep-alive bus, which is protected with a five amp fuse located in the side of the MCU. The clock bus is the only bus not controlled by the master switch arrangement.

Serials 22-3026 & subs w/ Perspective Avionics, 22T-0001 & subs: The airplane has 10 power distribution busses with associated protection devices located within the MCU. Three busses are used as distribution feeders from the Main Distribution Bus 1. Three busses are used as distribution feeders from the Main Distribution Bus 2. Two busses are used as distribution feeders from the Essential Distribution Bus. All distribution feeders are routed to the circuit breaker panel located near the pilot's right knee. One bus is used to power the landing light directly from the Main Distribution Bus 1 through a 7.5 amp fuse. One bus is the constant power bus, which is protected with a five amp fuse located in the side of the MCU. The constant power bus is the only bus not controlled by the master switch arrangement. The constant power bus is not used by the Perspective Avionics.

2. CIRCUIT LOAD CHARTS

CIRCUIT IDENTIFICATION	ELECTRICAL LOAD	PROTECTOR VALUE (AMPS)	DUTY CYCLE	CURRENT DRAIN AT 28 VDC (AMPS)
AVIONICS ESSENTIAL	AVIONICS ESSENTIAL RELAY COIL	15	CONT.	0.08
	COM 1	7.5	CONT. (RX) INTER. (TX)	0.01 1.74
	GPS 1	5	CONT.	1.12
AVIONICS NON-ESSENTIAL	AVIONICS NON-ESSENTIAL RELAY COIL	15	CONT.	0.08
	GPS 2	5	CONT.	1.12
	COM 2	7.5	CONT. (RX) INTER. (TX)	0.01 1.74
	ENCODER TRANSPONDER	2	CONT. CONT.	0.48 0.35
	MULTI-FUNCTION DISPLAY	5	CONT.	2.25
	AUDIO PANEL	5	CONT.	0.36
	STORMSCOPE	3	CONT.	0.33
	WEATHER	3	CONT.	0.30
	SKYWATCH	5	CONT.	1.17
	TAWS	5	CONT.	0.28
MAIN BUS 1	HOBBS	5	CONT.	0.10
	PITCH TRIM	2	INTER.	0.30
	YAW TRIM	2	CONT. INTER.	0.26 0.40
	ROLL TRIM	2	INTER.	0.75
	INSTRUMENT LIGHTS	2	CONT.	1.11
	ICE PROTECTION PUMP	5	CONT.	1.50
	ENGINE INSTRUMENTS	5	CONT.	0.36
MAIN BUS 2	TURN COORDINATOR #2	2	CONT.	0.46
	ATTITUDE # 2	3	CONT.	0.65
	HSI #2 (SNDL)	5	CONT.	3.45
	PFD #2	10	CONT.	3.0
	FUEL PUMP	5	CONT. INTER.	1.0 1.56
	FLOOD LIGHTS CABIN LIGHTS	3	CONT.	0.18 0.14
	ALTERNATOR 1 FIELD	5	CONT.	3.5

Figure 91-001

Circuit Load Chart - Serials 22-0002 thru 22-1601, 22-1603 thru 22-1643, 22-1645 thru 22-1662 (Sheet 1 of 2)

CIRCUIT IDENTIFICATION	ELECTRICAL LOAD	PROTECTOR VALUE (AMPS)	DUTY CYCLE	CURRENT DRAIN AT 28 VDC (AMPS)
NON-ESSENTIAL BUS	COOLING FAN	7.5	CONT.	0.23
	PITOT HEAT	7.5	CONT. INTER.	3.60 4.00
	STARTER RELAY	2	INTER.	0.1
	FLAPS	10	CONT. INTER.	0.07 6.5
	RIGHT STROBE LIGHT P.S. LEFT STROBE LIGHT P.S.	5	CONT.	2.1 2.1
	RIGHT NAV LIGHT LEFT NAV LIGHT	5	CONT.	1.99 1.99
	CONVENIENCE OUTLET	3	CONT.	3.0
ESSENTIAL BUS	TURN COORDINATOR #1	2	CONT.	0.46
	ATTITUDE # 1	3	CONT.	0.65
	HSI #1 (SNDL)	5	CONT.	3.45
	PFD #1	10	CONT.	3.0
	STALL WARNING	2	INTER.	0.001
	ANNUNCIATOR	2	CONT.	0.22
	ALTERNATOR 2 FIELD	5	CONT.	3.5
ESSENTIAL 2 BUS	AUTOPILOT	5	CONT.	1.0
CLOCK BUS	CLOCK	5	CONT.	0.11
LANDING LIGHT BUS	LANDING LIGHT COIL		CONT.	0.08
	LANDING LIGHT	15	CONT. INTER.	2.1 4.4
AIR CONDITIONING BUS 1	CONDENSER	15	CONT.	11.3
AIR CONDITIONING BUS 2	FAN	15	CONT.	9.2
	COMPRESSOR/ CONTROL PANEL	7.5	CONT. INTER.	1.96 3.38

Figure 91-001
Circuit Load Chart - Serials 22-0002 thru 22-1601, 22-1603 thru 22-1643, 22-1645 thru 22-1662 (Sheet 2 of 2)

CIRCUIT IDENTIFICATION	ELECTRICAL LOAD	PROTECTOR VALUE (AMPS)	DUTY CYCLE	CURRENT DRAIN AT 28 VDC (AMPS)
AVIONICS ESSENTIAL	AVIONICS ESSENTIAL RELAY COIL	15	CONT.	0.08
	COM 1	7.5	CONT. (RX) INTER. (TX)	0.01 1.74
	GPS 1	5	CONT.	1.12
AVIONICS NON-ESSENTIAL	AVIONICS NON-ESSENTIAL RELAY COIL	15	CONT.	0.08
	GPS 2	5	CONT.	1.12
	COM 2	7.5	CONT. (RX) INTER. (TX)	0.01 1.74
	ENCODER TRANSPONDER	2	CONT. CONT.	0.48 0.35
	MULTI-FUNCTION DISPLAY	5	CONT.	2.25
	AUDIO PANEL	5	CONT.	0.36
	STORMSCOPE	3	CONT.	0.33
	WEATHER	3	CONT.	0.30
	SKYWATCH	5	CONT.	1.17
	TAWS	5	CONT.	0.28
MAIN BUS 1	DAU	5	CONT.	0.18
	HOBBS	5	CONT.	0.10
	PITCH TRIM	2	INTER.	0.30
	YAW TRIM	2	CONT. INTER.	0.26 0.40
	ROLL TRIM	2	INTER.	0.75
	INSTRUMENT LIGHTS	2	CONT.	1.11
	ICE PROTECTION PUMP	5	CONT.	1.50
MAIN BUS 2	TURN COORDINATOR #2	2	CONT.	0.46
	ATTITUDE # 2	3	CONT.	0.65
	HSI #2 (SNDL)	5	CONT.	3.45
	PFD #2	10	CONT.	3.0
	FUEL PUMP	5	CONT. INTER.	1.0 1.56
	FLOOD LIGHTS CABIN LIGHTS	3	CONT.	0.18 0.14
	ALTERNATOR 1 FIELD	5	CONT.	3.5

Figure 91-002

Circuit Load Chart - Serials 22-1602, 22-1644, 22-1663 thru 22-3025, 22-3026 & subs w/o Perspective Avionics
(Sheet 1 of 2)

CIRCUIT IDENTIFICATION	ELECTRICAL LOAD	PROTECTOR VALUE (AMPS)	DUTY CYCLE	CURRENT DRAIN AT 28 VDC (AMPS)
NON-ESSENTIAL BUS	COOLING FAN	7.5	CONT.	0.23
	PITOT HEAT	7.5	CONT. INTER.	3.60 4.00
	STARTER RELAY	2	INTER.	0.1
	FLAPS	10	CONT. INTER.	0.07 6.5
	RIGHT STROBE LIGHT P.S. LEFT STROBE LIGHT P.S.	5	CONT.	2.1 2.1
	RIGHT NAV LIGHT LEFT NAV LIGHT	5	CONT.	1.99 1.99
	CONVENIENCE OUTLET	3	CONT.	3.0
ESSENTIAL BUS	TURN COORDINATOR #1	2	CONT.	0.46
	ATTITUDE # 1	3	CONT.	0.65
	HSI #1 (SNDL)	5	CONT.	3.45
	PFD #1	10	CONT.	3.0
	STALL WARNING	2	INTER.	0.001
	ANNUNCIATOR	2	CONT.	0.22
	ALTERNATOR 2 FIELD	5	CONT.	3.5
	ENGINE INSTRUMENTS	2	CONT.	0.36
ESSENTIAL 2 BUS	AUTOPILOT	5	CONT.	1.0
CLOCK BUS	CLOCK	5	CONT.	0.11
LANDING LIGHT BUS	LANDING LIGHT COIL		CONT.	0.08
	LANDING LIGHT	15	CONT. INTER.	2.1 4.4
AIR CONDITIONING BUS 1	CONDENSER	15	CONT.	11.3
AIR CONDITIONING BUS 2	FAN	15	CONT.	9.2
	COMPRESSOR/ CONTROL PANEL	7.5	CONT. INTER.	1.96 3.38

Figure 91-002

**Circuit Load Chart - Serials 22-1602, 22-1644, 22-1663 thru 22-3025, 22-3026 & subs w/o Perspective Avionics
(Sheet 2 of 2)**

CIRCUIT IDENTIFICATION	ELECTRICAL LOAD	PROTECTOR VALUE (AMPS)	DUTY CYCLE	CURRENT DRAIN AT 28 VDC (AMPS)
AVIONICS BUS	AUDIO PANEL	5	CONT.	0.35
	LIGHTNING DETECTION XM	3 3	CONT. CONT.	0.25 0.29
	DATA LINK	5	CONT. (RX) INTER. (TX)	1.53 2.74
	TRAFFIC	5	CONT.	1.29
	TRANSPONDER	2	CONT.	0.47
	ADF DME	3 3	CONT. CONT.	0.29 0.45
MAIN BUS 1	AVIONICS NON-ESSENTIAL RELAY COIL	10	CONT.	0.08
	FUEL QUANTITY HOBBS	3 3	CONT. CONT.	0.11 0.10
	CABIN LIGHTS FLOOD LIGHTS INSTRUMENT LIGHTS	5 5 5	CONT. CONT. CONT.	0.14 0.18 0.42
	ICE PROTECTION PUMP	5	CONT.	1.50
	AUTOPILOT KEY PAD	5 5	CONT. CONT.	0.19 0.06
	PITCH SERVO ROLL SERVO	5 5	CONT. CONT.	1.15 0.82
MAIN BUS 2	GIA 63W #2 COM 2	7.5	CONT. (RX) INTER. (TX)	0.30 4.30
	GIA 63W #2 GPS 2	5	CONT.	0.68
	FUEL PUMP	5	CONT.	1.00
	AHRS #2	5	CONT.	0.29
	PFD COOLING FAN GIA COOLING FAN CO DETECTOR	5 5 5	CONT. CONT. CONT.	0.07 0.32 0.04
	ADC #2	5	CONT.	0.25

Figure 91-003
Circuit Load Chart - 22-3026 & subs w/ Perspective Avionics, 22T-0001 & subs (Sheet 1 of 3)

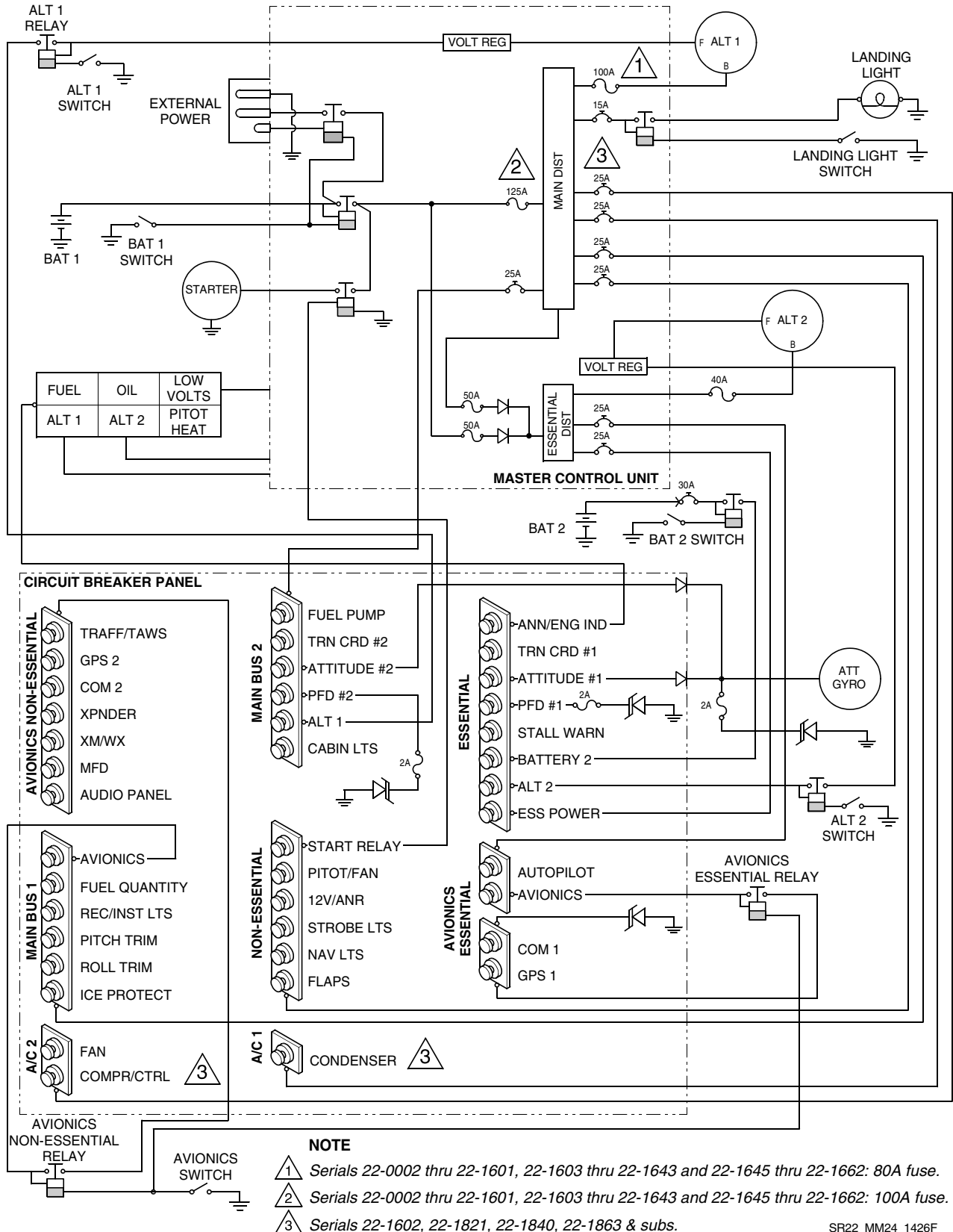
CIRCUIT IDENTIFICATION	ELECTRICAL LOAD	PROTECTOR VALUE (AMPS)	DUTY CYCLE	CURRENT DRAIN AT 28 VDC (AMPS)
MAIN BUS 3	MFD #1	5	CONT.	0.08
	CONVENIENCE OUTLET (PWR) CONVENIENCE OUTLET (GND)	5 5	CONT. CONT.	5.00 5.00
	YAW SERVO	3	CONT.	1.40
NON-ESSENTIAL BUS	RIGHT STROBE LIGHT P.S. LEFT STROBE LIGHT P.S.	5 5	CONT. CONT.	1.60 1.60
	RIGHT NAV LIGHT LEFT NAV LIGHT	5 5	CONT. CONT.	1.86 1.86
	RIGHT REC LIGHT LEFT REC LIGHT	5 5	CONT. CONT.	0.52 0.52
	FLAPS	10	CONT. INTER.	0.07 6.50
	MFD COOLING FAN XPDR COOLING FAN	3 3	CONT. CONT.	0.07 0.32
	PITOT HEAT	7.5	CONT. INTER.	3.60 4.00
	STARTER RELAY	2	INTER.	0.10
ESSENTIAL BUS 1	STANDBY ATTITUDE # 1	5	CONT.	0.65
	PFD #1	5	CONT.	0.44
	GIA 63W #1 COM 1	7.5	CONT. (RX) INTER. (TX)	0.30 4.30
	GIA 63W #1 GPS 1	5	CONT.	0.68
	AHRS #1	5	CONT.	0.26
	ADC #1	5	CONT.	0.15
ESSENTIAL BUS 2	STALL WARNING	2	INTER.	0.001
	PITCH TRIM	2	INTER.	0.30
	ROLL TRIM	2	INTER.	0.75
	GEA 71	3	CONT.	0.19
	ALTERNATOR 2 FIELD	5	CONT.	3.50

Figure 91-003
Circuit Load Chart - 22-3026 & subs w/ Perspective Avionics, 22T-0001 & subs (Sheet 2 of 3)

CIRCUIT IDENTIFICATION	ELECTRICAL LOAD	PROTECTOR VALUE (AMPS)	DUTY CYCLE	CURRENT DRAIN AT 28 VDC (AMPS)
AIR CONDITIONING BUS 1	LANDING LIGHT COIL		CONT.	0.08
	LANDING LIGHT	7.5	CONT. INTER.	2.10 4.40
	CONDENSER	15	CONT.	10.25
	ALTERNATOR 1 FIELD	5	CONT.	3.50
AIR CONDITIONING BUS 2	FAN	15	CONT.	9.15
	COMPRESSOR A/C CONTROL PANEL	5 5	CONT. CONT.	0.55 0.78

Figure 91-003**Circuit Load Chart - 22-3026 & subs w/ Perspective Avionics, 22T-0001 & subs (Sheet 3 of 3)**

3. ELECTRICAL SYSTEM SCHEMATICS



SR22_MM24_1426F

Figure 91-004

Electrical System Schematic - Serials 22-0002 thru 22-3025, 22-3026 & subs w/o Perspective Avionics

EFFECTIVITY:
Serials 22-0002 thru 22-3025, 22-3026 & subs w/o Perspective Avionics

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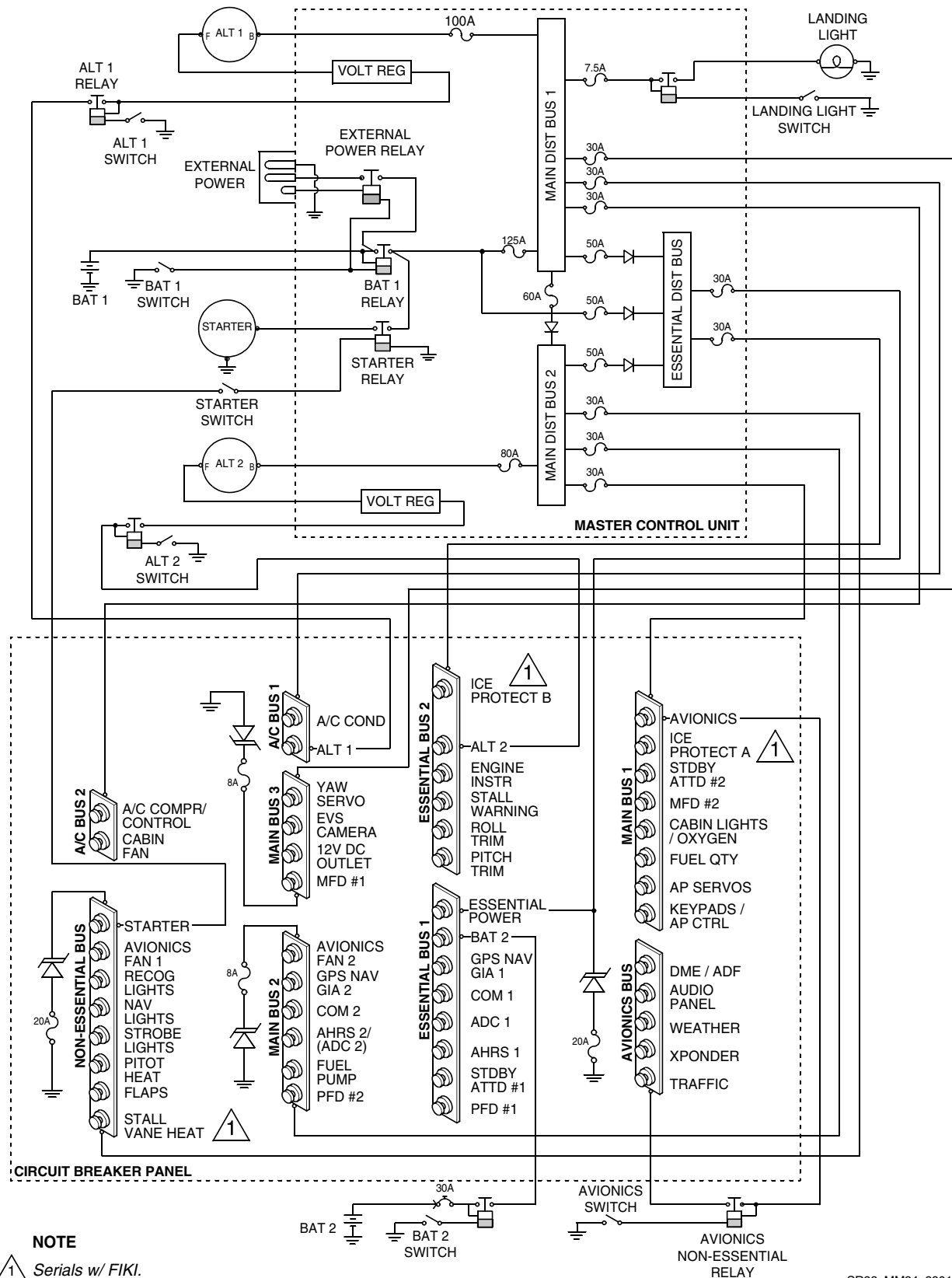
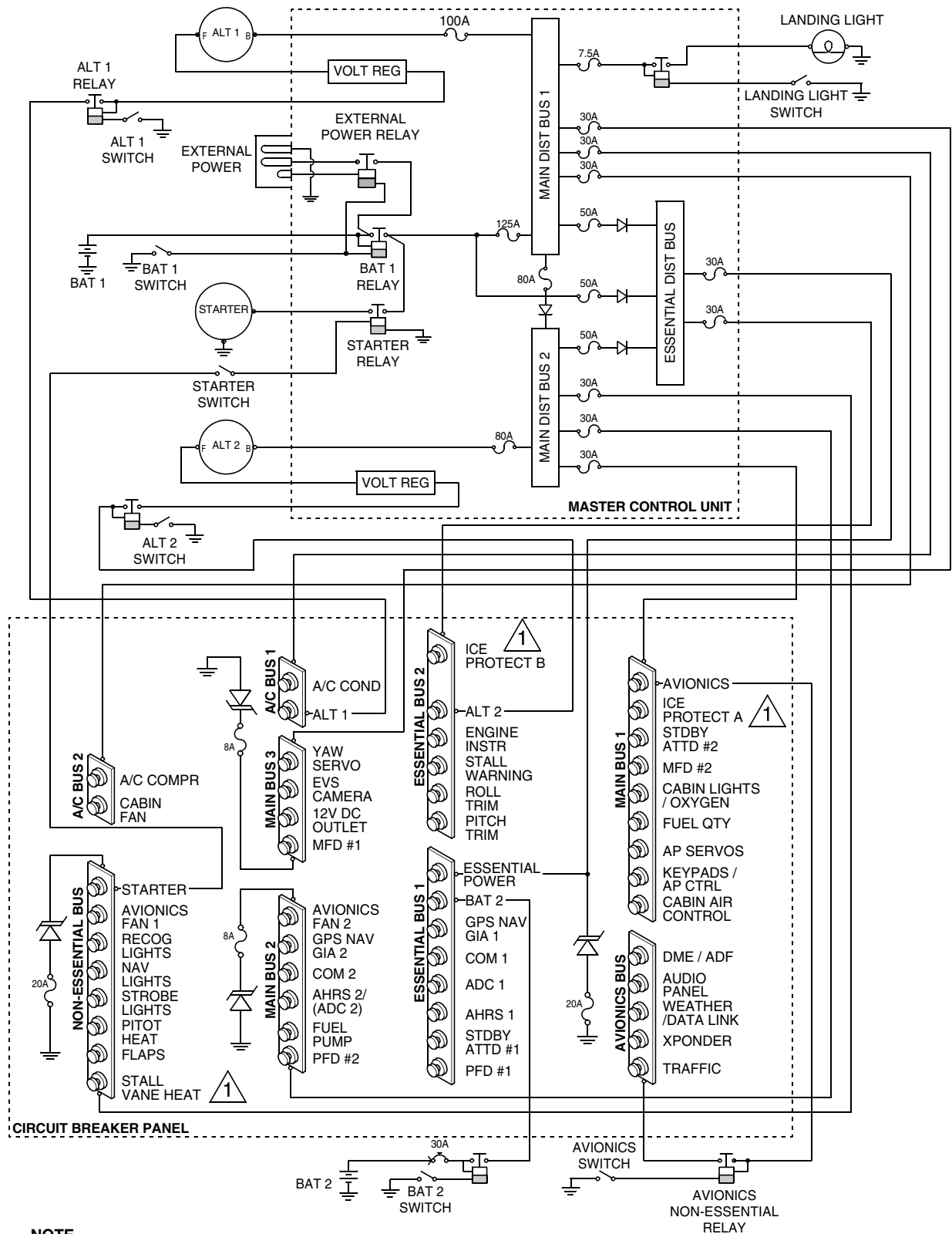


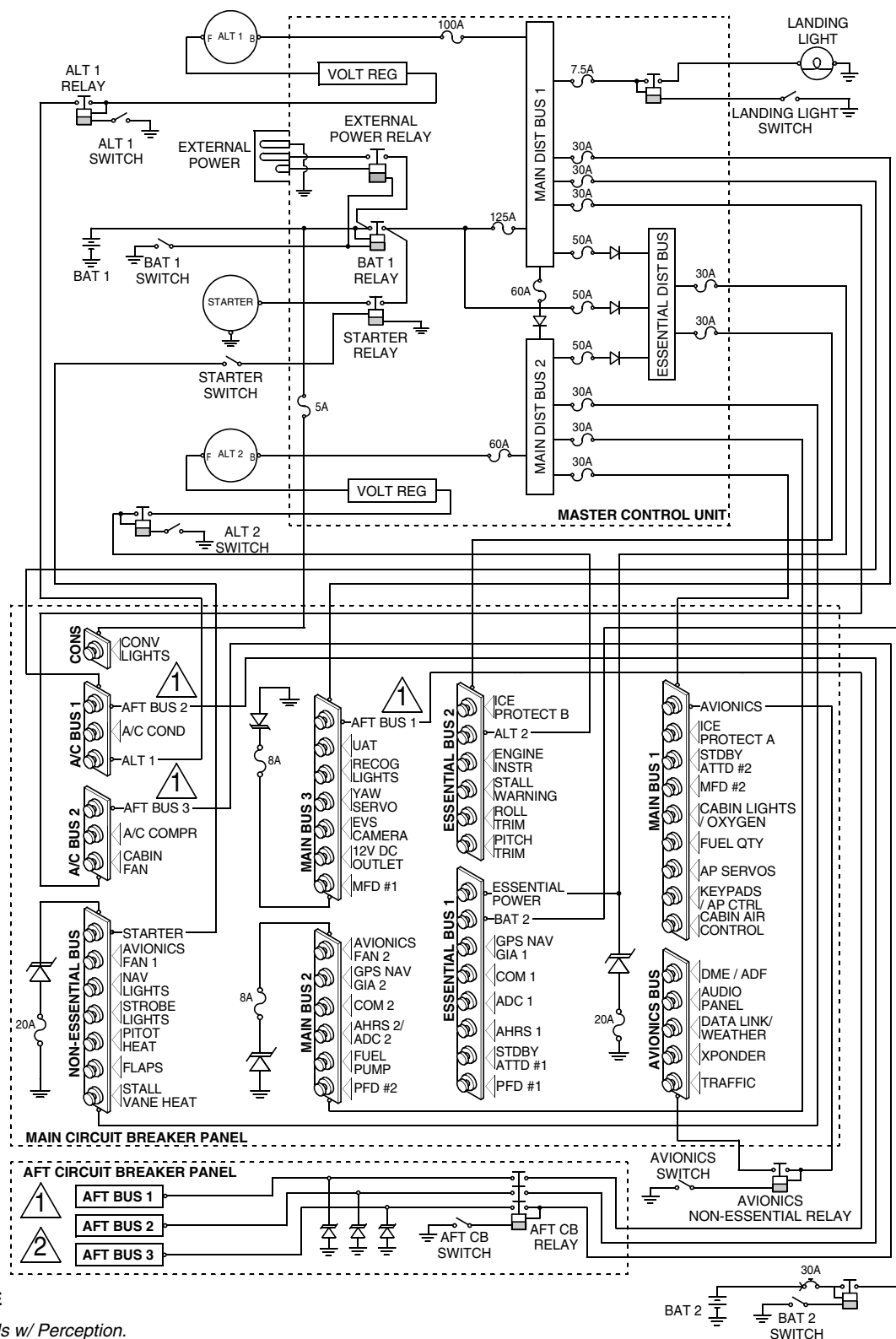
Figure 91-005
Electrical System Schematic - Serials 22-3026 thru 22-3659 w/ Perspective Avionics



SR22_MM24_3246B

Figure 91-006
Electrical System Schematic - Serials 22-3660 thru 22-4045 w/ Perspective Avionics, 22T-0001 thru 22T-0689

EFFECTIVITY:
 Serials 22-3660 thru 22-4045 w/ Perspective Avionics,
 22T-0001 thru 22T-0689



SR22_MM24_3637E

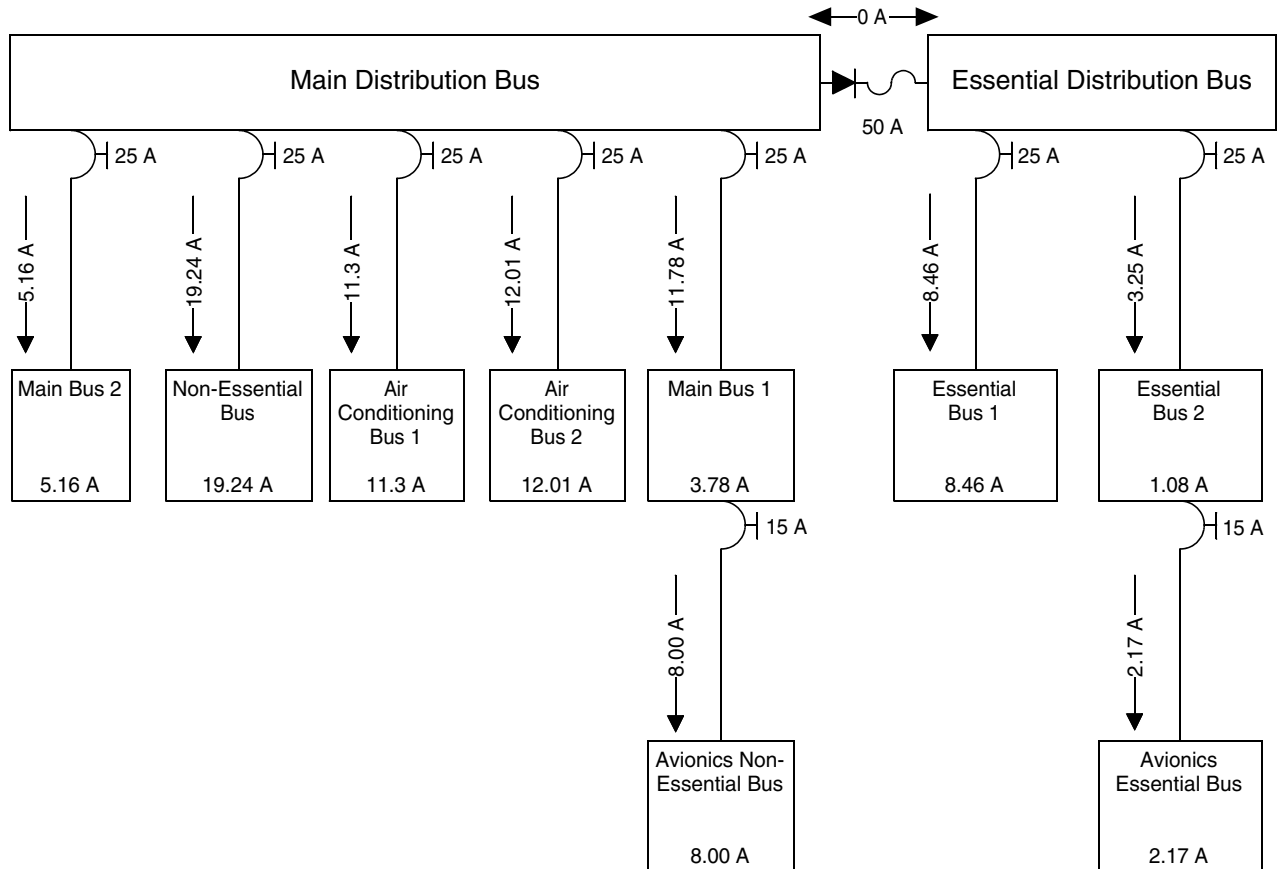
Figure 91-007
Electrical System Schematic - Serials 22-4046 & subs w/ Perspective Avionics, 22T-0690 & subs
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EFFECTIVITY:

Serials 22-4046 & subs w/ Perspective Avionics, 22T-0690 & subs

4. POWER DISTRIBUTION SCHEMATICS



This figure depicts the system loading during normal system operation with alternator 1 and alternator 2 generating at nominal values. Note the diode between the Main Distribution Bus and the Essential Distribution Bus is reverse biased and therefore is not conducting current between buses. The circuit breaker rating is greater than the total load value so all circuit breakers and fuses are of adequate capacity.

Figure 91-008

Power Distribution - Normal Operation - Serials 22-0002 thru 22-3025, 22-3026 & subs w/o Perspective Avionics

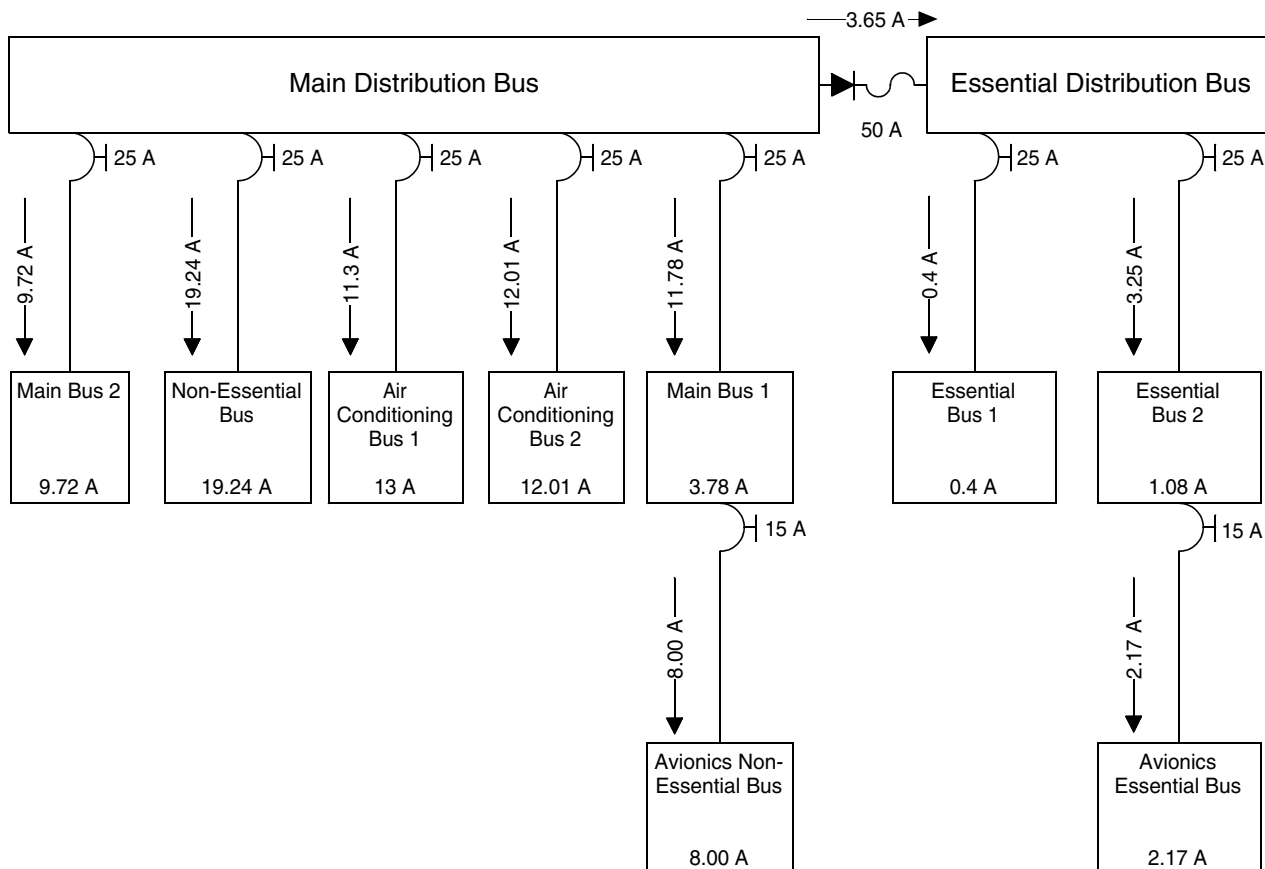
EFFECTIVITY:

Serials 22-0002 thru 22-3025, 22-3026 & subs w/o Perspective Avionics

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This figure depicts the system loading during operation with only alternator 1 generating at nominal values, as may occur during low RPM operation, or a failure of alternator 2. Note the diode between the Main Distribution Bus and the Essential Distribution Bus is forward biased and therefore is conducting current between buses. The circuit breaker rating is greater than the total load value so all circuit breakers and fuses are of adequate capacity.

WM13828_02

Figure 91-009

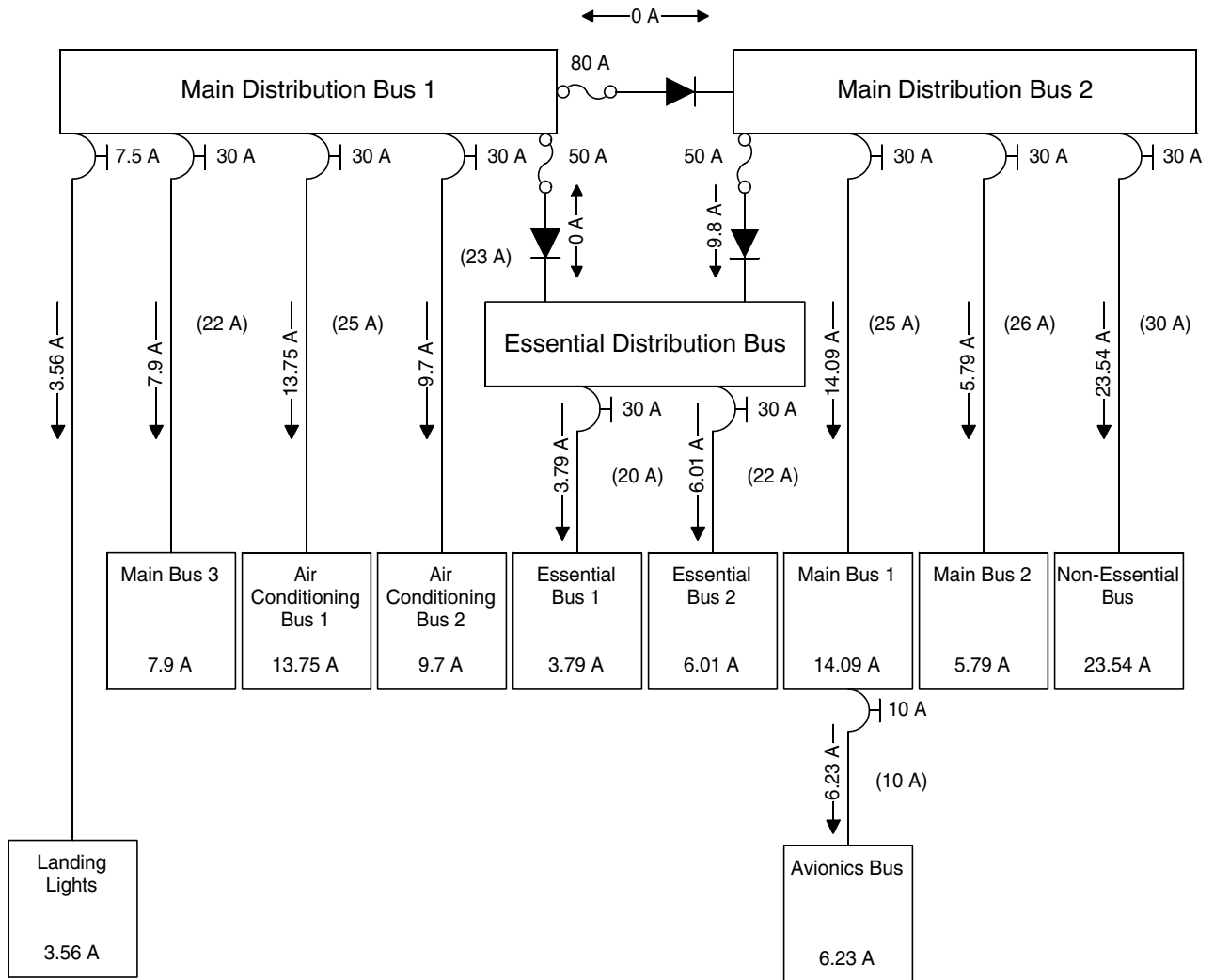
Power Distribution - Alternator 1 Only - Serials 22-0002 thru 22-3025, 22-3026 & subs w/o Perspective Avionics

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EFFECTIVITY:

Serials 22-0002 thru 22-3025, 22-3026 & subs w/o Perspective Avionics



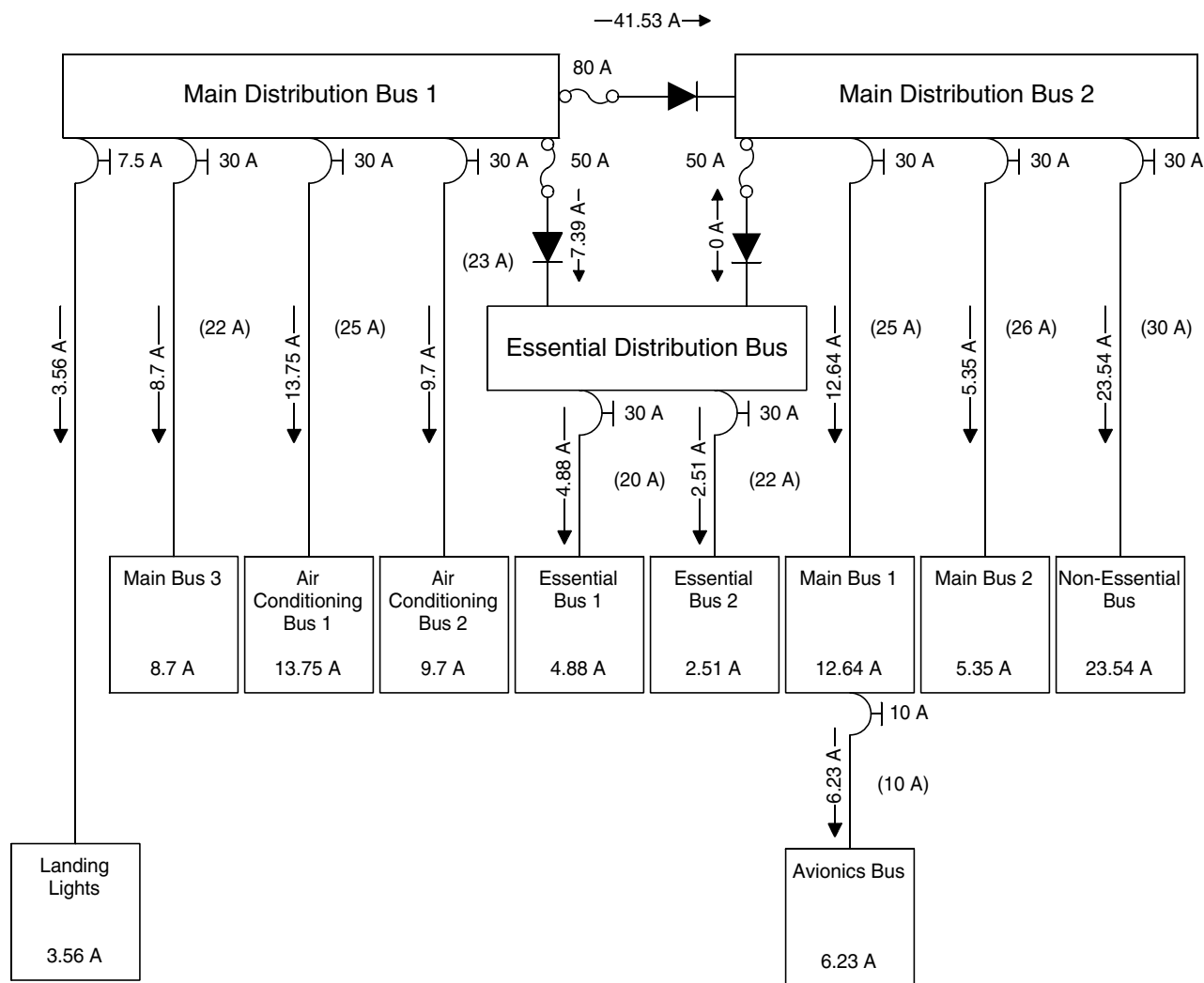
This figure depicts the system loading during normal system operation with alternator 1 and alternator 2 generating at nominal values. Note the diode between the Main Distribution Bus and the Essential Distribution Bus is reverse biased and therefore is not conducting current between buses. The circuit breaker rating is greater than the total load value so all circuit breakers and fuses are of adequate capacity.

WM18721_01A

Figure 91-0010
Power Distribution - Normal Operation - Serials 22-3026 & subs w/ Perspective Avionics, 22T-0001 & subs

EFFECTIVITY:
 Serials 22-3026 & subs w/ Perspective Avionics, 22T-0001 & subs

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This figure depicts the system loading during operation with only alternator 1 generating at nominal values, as may occur during low RPM operation, or a failure of alternator 2. Note the diode between the Main Distribution Bus and the Essential Distribution Bus is forward biased and therefore is conducting current between buses. The circuit breaker rating is greater than the total load value so all circuit breakers and fuses are of adequate capacity.

WM18721_02A

Figure 91-0011
Power Distribution - Alternator 1 Only - Serials 22-3026 & subs w/ Perspective Avionics, 22T-0001 & subs
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EFFECTIVITY:

Serials 22-3026 & subs w/ Perspective Avionics, 22T-0001 & subs

CONNECTOR, SWITCH, AND RELAY DATA

1. CONNECTOR DATA

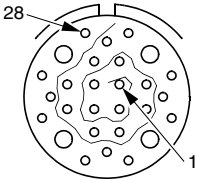
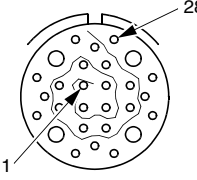
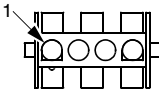
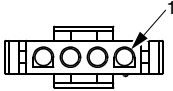
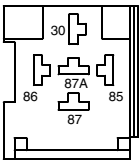
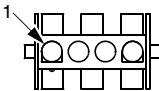
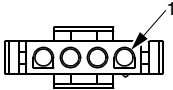
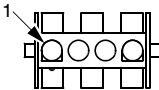
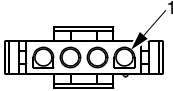
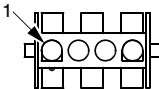
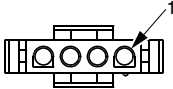
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
J100  P100 	ENGINE MONITORING CABIN HARNESS TO FIREWALL FORWARD PILOT HARNESS TO ACCESS REMOVE GLARESHIELD ASSEMBLY (AMM 25-10) LOCATED NEAR UPPER PILOT SIDE CORNER OF FIREWALL	M83723/86G2028N	M83723/85K2028N
J101  P101 	OIL PRESSURE SENSOR TO FIREWALL FORWARD ENGINE HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED NEAR OIL TEMPERATURE SENSOR (AMM 79-30)	1-770209-1	770208-1
P102 	FUEL PRESSURE RELAY TO ENGINE MONITORING CABIN HARNESS TO ACCESS REMOVE PILOT KICK PLATE (AMM 25-10) LOCATED ON CONSOLE STRUT NEAR DIMMER CIRCUIT CARD (AMM 33-10)	RELAY 0-332-209-204	3-334-485-008
J103  P103 	FUEL FLOW SENSOR TO FIREWALL FORWARD ENGINE HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON FUEL FLOW SENSOR (AMM 73-30)	1-770209-1	770208-1
J104  P104 	FUEL PRESSUR SWITCH TO FIREWALL FORWARD ENGINE HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON FUEL PRESSURE SWITCH (AMM 73-20)	1-770209-1	770208-1
J105  P105 	MANIFOLD PRESSURE SENSOR TO FIREWALL FORWARD ENGINE HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON MAP SENSOR (AMM 77-10)	1-770209-1	770208-1

Figure 91-101
Contact Data (Sheet 1 of 82)

CONNECTOR NUMBER		LOCATION	JACK P/N	PLUG P/N
J107	P107	TACH SENSOR TO FIREWALL FORWARD ENGINE HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON TACHOMETER SENSOR (AMM 77-10)	1-770209-1	770208-1
J108	P108	MCU TO FIREWALL FORWARD PILOT HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON TOP SIDE OF MASTER CONTROL UNIT (AMM 21-30)	12045808	12065425 W/ 12124264 W/ 12048087
J109	P109	MCU TO FIREWALL FORWARD PILOT HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON TOP SIDE OF MASTER CONTROL UNIT (AMM 21-30)	15300003	12040977 W/ 12034145 W/ 12010293
J110	P110	ENGINE MONITORING CABIN HARNESS TO FIREWALL FORWARD CO-PILOT HARNESS TO ACCESS REMOVE GLARESHIELD ASSEMBLY (AMM 25-10) LOCATED NEAR UPPER CENTER OF FIREWALL	M83723/85K2025N	M83723/86G2025N
J111	P111	MCU TO FIREWALL FORWARD PILOT HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON TOP SIDE OF MASTER CONTROL UNIT (AMM 21-30)	12047936	
J112	P112	FUEL PUMP TO FIREWALL FORWARD CO-PILOT HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON ELECTRIC FUEL PUMP (AMM 28-20)	1-770209-1	770208-1
J115	P115	MCU TO FIREWALL FORWARD PILOT HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON TOP SIDE OF MASTER CONTROL UNIT (AMM 21-30)	15300003	12040977

Figure 91-101
Contact Data (Sheet 2 of 82)

CONNECTOR NUMBER		LOCATION	JACK P/N	PLUG P/N
J116	P116	LANDING LIGHT BALLAST TO FIREWALL FORWARD PILOT HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON PILOT SIDE LOWER COWLING (AMM 33-40)	1-480703-0	1-480702-0
J125		ALTERNATOR 2 TO FIREWALL FORWARD HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON ALTERNATOR 2 (AMM 33-40)	410-225-9	
J135	P135	MCU TO FIREWALL FORWARD HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON BOTTOM SIDE OF MCU (AMM 24-30)	81H6010	81H6135
J136	P136	MCU TO FIREWALL FORWARD HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON BOTTOM SIDE OF MCU (AMM 24-30)	81H6010	81H6135
J137	P137	MCU TO FIREWALL FORWARD HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON BOTTOM SIDE OF MCU (AMM 24-30)	85C4111	85C4132
J138	P138	MCU TO FIREWALL FORWARD HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON BOTTOM SIDE OF MCU (AMM 24-30)	85C4111	85C4132

Figure 91-101
Contact Data (Sheet 3 of 82)

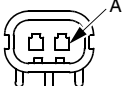
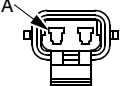
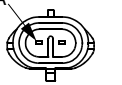
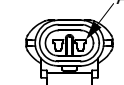
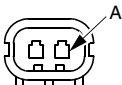
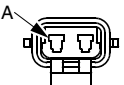
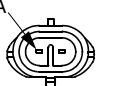
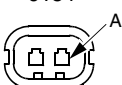
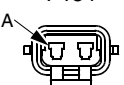
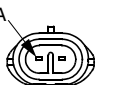
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
J152  P152 	CHT 1 TO FIREWALL FORWARD ENGINE HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON CO-PILOT SIDE CYLINDER HEAD TEMPERATURE SENSOR (AMM 77-20)	15300002	15300027
J152  P152  SERIALS W/ PERSPECTIVE	CHT 1 TO FIREWALL FORWARD ENGINE HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON CO-PILOT SIDE CYLINDER HEAD TEMPERATURE SENSOR (AMM 77-20)	12162000	12052641
J153  P153 	CHT 2 TO FIREWALL FORWARD ENGINE HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON PILOT SIDE CYLINDER HEAD TEMPERATURE SENSOR (AMM 77-20)	15300002	15300027
J153  P153  SERIALS W/ PERSPECTIVE	CHT 2 TO FIREWALL FORWARD ENGINE HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON PILOT SIDE CYLINDER HEAD TEMPERATURE SENSOR (AMM 77-20)	12162000	12052641
J154  P154 	CHT 3 TO FIREWALL FORWARD ENGINE HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON CO-PILOT SIDE CYLINDER HEAD TEMPERATURE SENSOR (AMM 77-20)	15300002	15300027
J154  P154  SERIALS W/ PERSPECTIVE	CHT 3 TO FIREWALL FORWARD ENGINE HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON CO-PILOT SIDE CYLINDER HEAD TEMPERATURE SENSOR (AMM 77-20)	12162000	12052641

Figure 91-101
Contact Data (Sheet 4 of 82)

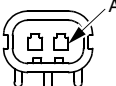
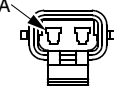
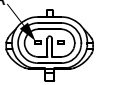
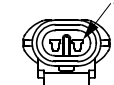
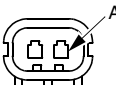
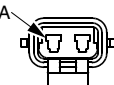
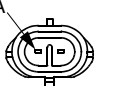
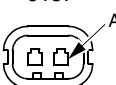
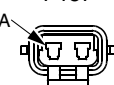
CONNECTOR NUMBER		LOCATION	JACK P/N	PLUG P/N
J155 	P155 	CHT 4 TO FIREWALL FORWARD ENGINE HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON PILOT SIDE CYLINDER HEAD TEMPERATURE SENSOR (AMM 77-20)	15300002	15300027
J155  SERIALS W/ PERSPECTIVE	P155 	CHT 4 TO FIREWALL FORWARD ENGINE HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON PILOT SIDE CYLINDER HEAD TEMPERATURE SENSOR (AMM 77-20)	12162000	12052641
J156 	P156 	CHT 5 TO FIREWALL FORWARD ENGINE HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON CO-PILOT SIDE CYLINDER HEAD TEMPERATURE SENSOR (AMM 77-20)	15300002	15300027
J156  SERIALS W/ PERSPECTIVE	P156 	CHT 5 TO FIREWALL FORWARD ENGINE HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON CO-PILOT SIDE CYLINDER HEAD TEMPERATURE SENSOR (AMM 77-20)	12162000	12052641
J157 	P157 	CHT 6 TO FIREWALL FORWARD ENGINE HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON PILOT SIDE CYLINDER HEAD TEMPERATURE SENSOR (AMM 77-20)	15300002	15300027
J157  SERIALS W/ PERSPECTIVE	P157 	CHT 6 TO FIREWALL FORWARD ENGINE HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON PILOT SIDE CYLINDER HEAD TEMPERATURE SENSOR (AMM 77-20)	12162000	12052641

Figure 91-101
Contact Data (Sheet 5 of 82)

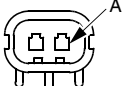
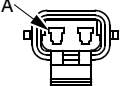
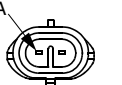
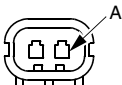
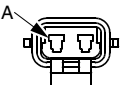
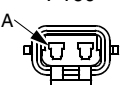
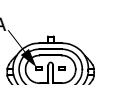
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
J158  P158 	EGT 1 TO FIREWALL FORWARD ENGINE HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON CO-PILOT SIDE EXHAUST GAS TEMPERATURE SENSOR (AMM 77-20)	15300002	15300027
J158  P158  SERIALS W/ PERSPECTIVE	EGT 1 TO FIREWALL FORWARD ENGINE HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON CO-PILOT SIDE EXHAUST GAS TEMPERATURE SENSOR (AMM 77-20)	12162000	12052641
J159  P159 	EGT 2 TO FIREWALL FORWARD ENGINE HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON PILOT SIDE EXHAUST GAS TEMPERATURE SENSOR (AMM 77-20)	15300002	15300027
J159  P159  SERIALS W/ PERSPECTIVE	EGT 2 TO FIREWALL FORWARD ENGINE HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON PILOT SIDE EXHAUST GAS TEMPERATURE SENSOR (AMM 77-20)	12162000	12052641
J160  P160 	EGT 3 TO FIREWALL FORWARD ENGINE HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON CO-PILOT SIDE EXHAUST GAS TEMPERATURE SENSOR (AMM 77-20)	15300002	15300027
J160  P160  SERIALS W/ PERSPECTIVE	EGT 3 TO FIREWALL FORWARD ENGINE HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON CO-PILOT SIDE EXHAUST GAS TEMPERATURE SENSOR (AMM 77-20)	12162000	12052641

Figure 91-101
Contact Data (Sheet 6 of 82)

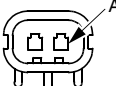
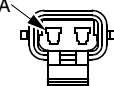
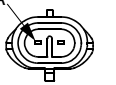
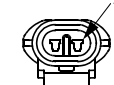
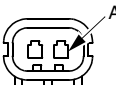
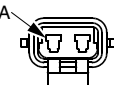
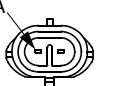
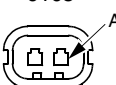
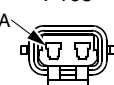
CONNECTOR NUMBER		LOCATION	JACK P/N	PLUG P/N
J161 	P161 	EGT 4 TO FIREWALL FORWARD ENGINE HARNESS	15300002	15300027
		TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON PILOT SIDE EXHAUST GAS TEMPERATURE SENSOR (AMM 77-20)		
J161  SERIALS W/ PERSPECTIVE	P161 	EGT 4 TO FIREWALL FORWARD ENGINE HARNESS	12162000	12052641
		TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON PILOT SIDE EXHAUST GAS TEMPERATURE SENSOR (AMM 77-20)		
J162 	P162 	EGT 5 TO FIREWALL FORWARD ENGINE HARNESS	15300002	15300027
		TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON CO-PILOT SIDE EXHAUST GAS TEMPERATURE SENSOR (AMM 77-20)		
J162  SERIALS W/ PERSPECTIVE	P162 	EGT 5 TO FIREWALL FORWARD ENGINE HARNESS	12162000	12052641
		TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON CO-PILOT SIDE EXHAUST GAS TEMPERATURE SENSOR (AMM 77-20)		
J163 	P163 	EGT 6 TO FIREWALL FORWARD ENGINE HARNESS	15300002	15300027
		TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON PILOT SIDE EXHAUST GAS TEMPERATURE SENSOR (AMM 77-20)		
J163  SERIALS W/ PERSPECTIVE	P163 	EGT 6 TO FIREWALL FORWARD ENGINE HARNESS	12162000	12052641
		TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON PILOT SIDE EXHAUST GAS TEMPERATURE SENSOR (AMM 77-20)		

Figure 91-101
Contact Data (Sheet 7 of 82)

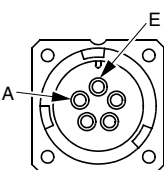
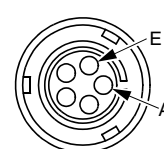
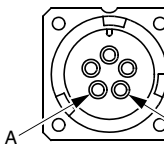
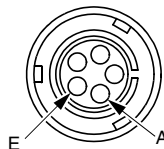
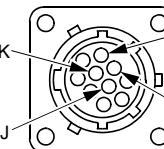
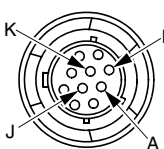
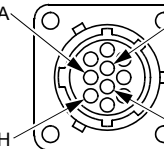
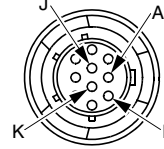
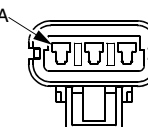
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
J180 	P180 	MCU TO FIREWALL FORWARD PILOT HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON BOTTOM SIDE OF MASTER CONTROL UNIT (AMM 21-30)	GTC02R18-11P GTC06F18-11S
J181 	P181 	MCU TO FIREWALL FORWARD CO-PILOT HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON BOTTOM SIDE OF MASTER CONTROL UNIT (AMM 21-30)	GTC02R18-11PX GTC06F18-11SX
J182 	P182 	MCU TO FIREWALL FORWARD PILOT HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON BOTTOM SIDE OF MASTER CONTROL UNIT (AMM 21-30)	MS3122E12-10PX MS3126F12-10SX
J183 	P183 	MCU TO FIREWALL FORWARD CO-PILOT HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON BOTTOM SIDE OF MASTER CONTROL UNIT (AMM 21-30)	MS3122E12-10P MS3126F12-10S
P202 	OIL TEMP SENSOR TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON OIL TEMPERATURE SENSOR (AMM 79-30)		CT6U12S-3SC
P203 	FUEL PUMP TO FIREWALL FORWARD CO-PILOT HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON ELECTRIC FUEL PUMP (AMM 28-20)		12110293

Figure 91-101
Contact Data (Sheet 8 of 82)

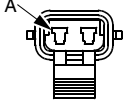
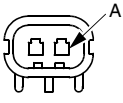
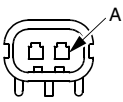
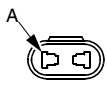
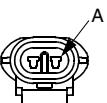
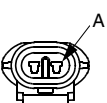
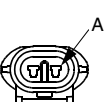
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
P207 	ALT AIR DOOR TO FIREWALL FORWARD ENGINE HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED NEAR ALTERNATE AIR ASSEMBLY (AMM 71-60)		12052641
J232 	TIT RIGHT TO FIREWALL FORWARD ENGINE HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON TURBINE INLET TEMPERATURE SENSOR (AMM 77-20)	12162000	
J233 	TIT LEFT TO FIREWALL FORWARD ENGINE HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON TURBINE INLET TEMPERATURE SENSOR (AMM 77-20)	12162000	
P235 	LANDING LIGHT BALLAST TO FIREWALL FORWARD PILOT HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON PILOT SIDE LOWER COWLING (AMM 33-40)		12059181
P237 	LANDING LIGHT TO FIREWALL FORWARD PILOT HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON ENGINE COWL MOUNTED LANDING LIGHT (AMM 33-40)		12052641
P238 	LANDING LIGHT TO FIREWALL FORWARD PILOT HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON ENGINE COWL MOUNTED LANDING LIGHT (AMM 33-40)		12052641
P245 	GASCOLATOR TO FIREWALL FORWARD CO-PILOT HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON GASCOLATOR (AMM 28-20)		12052641

Figure 91-101
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EFFECTIVITY:
All

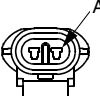
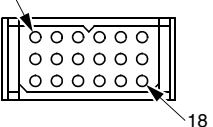
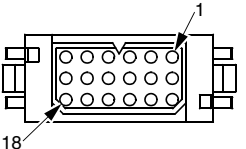
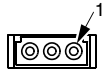
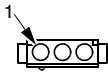
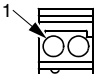
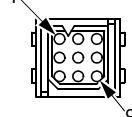
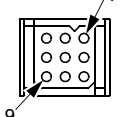
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
J246  P246 	OIL TEMP SENSOR TO FIREWALL FORWARD ENGINE HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED NEAR OIL PRESSURE SENSOR (AMM 79-30)	12162000	12052641
J300  P300 	LEFT WING HARNESS TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE ACCESS PANEL CF2L (AMM 6-00) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20)	PLC18M0000	PLC18F00820
J301 	LEFT WINGTIP STROBE LIGHT TO LEFT WING HARNESS TO ACCESS REMOVE LEFT WINGTIP (AMM 57-20) LOCATED INSIDE WINGTIP (AMM 57-20)	1-480305-0	INSTR 1-480303-0
P302 	LEFT WINGTIP NAV LIGHTS TO LEFT WING HARNESS TO ACCESS REMOVE LEFT WINGTIP (AMM 57-20) LOCATED INSIDE WINGTIP (AMM 57-20)	INSTR 1-480305-0	1-480303-0
P303 	PITOT HEATER TO LEFT WING HARNESS TO ACCESS REMOVE LEFT WINGTIP (AMM 57-20) LOCATED IN PITOT MAST (AMM 34-10)		AN3115-1 (INCL W/ INST)
J304  P304 	ROLL TRIM MOTOR TO LEFT WING HARNESS TO ACCESS REMOVE ACCESS PANEL LW10 (AMM 6-00) LOCATED BEHIND WING ACCESS PANEL NEAR ROLL TRIM MOTOR (AMM 27-10)	1-480305-0	1-480303-0
J305  P305 	LEFT WINGTIP HARNESS SHIELDING TO GROUND TO ACCESS REMOVE WINGTIP (AMM 57-20) LOCATED INSIDE WINGTIP (AMM 57-20)	794012-1	1-480720-0
J313  P313 	LEFT AFT WING HARNESS TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE ACCESS PANEL CF2L (AMM 6-00) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20)	PLC9M0000	PLC09F0000

Figure 91-101
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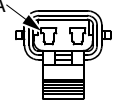
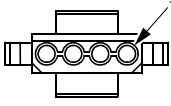
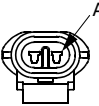
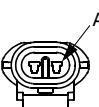
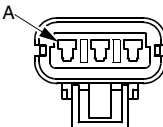
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
J316 	LH BRAKE TEMP SENSOR TO LEFT WING AFT HARNESS TO ACCESS REMOVE LOWER WHEEL FAIRING (AMM 32-10) LOCATED ON BRAKE CALIPER (AMM 32-42)	12162000	
P317 	LEFT TKS LEVEL SENSOR TO LEFT WING AFT HARNESS TO ACCESS REMOVE WING ROOT FAIRING (AMM 53-50) LOCATED ON WING RIB		12052641
P319 	LEFT WINGTIP RECOGNITION LIGHT TO LEFT WINGTIP LIGHTS HARNESS TO ACCESS REMOVE WINGTIP (AMM 57-20) LOCATED INSIDE WINGTIP (AMM 57-20) NEAR WINGTIP LIGHTS (AMM 33-40)		1-480425-0
P323 	LH FUEL LEVEL SENDER INBOARD TO LEFT WING HARNESS TO ACCESS REMOVE ACCESS PANEL LW5 (AMM 6-00) LOCATED BEHIND WING ACCESS PANEL		12052641
P324 	LH FUEL LEVEL SENDER OUTBOARD TO LEFT WING HARNESS TO ACCESS REMOVE ACCESS PANEL LW10 (AMM 6-00) LOCATED BEHIND WING ACCESS PANEL		12052641
P325 	LEFT WINGTIP NAV/STROBE LIGHT TO LEFT WINGTIP LIGHTS HARNESS TO ACCESS REMOVE WINGTIP (AMM 57-20) LOCATED INSIDE WINGTIP (AMM 57-20) NEAR WINGTIP LIGHTS (AMM 33-40)		205838-1
P329 	LEFT GLYCOL TANK LEVEL SWITCH TO LEFT WING AFT HARNESS TO ACCESS REMOVE WING ROOT FAIRING (AMM 53-50) LOCATED ON WING RIB		12110293

Figure 91-101
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EFFECTIVITY:
All

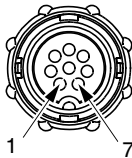
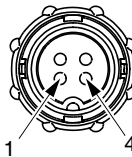
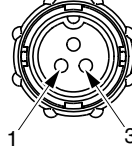
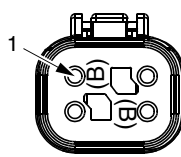
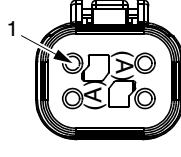
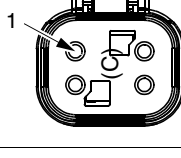
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
P350 	LH FUEL LEVEL SENDER INBOARD TO LEFT WING HARNESS TO ACCESS REMOVE ACCESS PANEL LW5 (AMM 6-00) LOCATED BEHIND WING ACCESS PANEL		EN3C8FCKX
P351 	LH FUEL LEVEL SENDER OUTBOARD TO LEFT WING HARNESS TO ACCESS REMOVE ACCESS PANEL LW10 (AMM 6-00) LOCATED BEHIND WING ACCESS PANEL		EN3C4FCKX
P352 	LEFT TKS LEVEL SENSOR TO LEFT WING AFT HARNESS TO ACCESS REMOVE WING ROOT FAIRING (AMM 53-50) LOCATED ON WING RIB		DT06-4S-CE04
P353 	LH FUEL LEVEL SENDER INBOARD TO LEFT WING HARNESS TO ACCESS REMOVE ACCESS PANEL LW5 (AMM 6-00) LOCATED BEHIND WING ACCESS PANEL		DT06-4S-CE04
P354 	LH FUEL LEVEL SENDER OUTBOARD TO LEFT WING HARNESS TO ACCESS REMOVE ACCESS PANEL LW10 (AMM 6-00) LOCATED BEHIND WING ACCESS PANEL		DT06-4S-CE04
P355 	LEFT TKS LEVEL SENSOR TO LEFT WING AFT HARNESS TO ACCESS REMOVE WING ROOT FAIRING (AMM 53-50) LOCATED ON WING RIB		DT06-4S-CE04

Figure 91-101
Contact Data (Sheet 12 of 82)

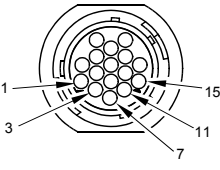
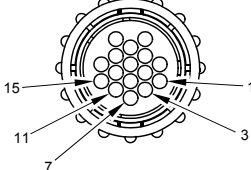
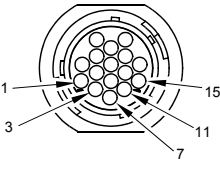
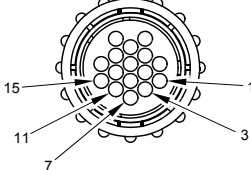
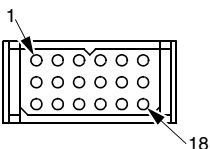
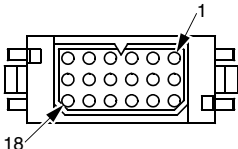
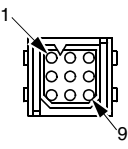
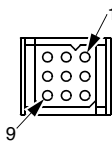
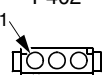
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
J370  P370 	LEFT WINGTIP INTERCONNECT TO LEFT WING HARNESS TO ACCESS REMOVE WINGTIP (AMM 57-20) LOCATED INSIDE WINGTIP (AMM 57-20)	PLC24M0000	PLC24F0000
J371  P371 	LEFT WINGTIP INTERCONNECT TO LEFT WINGTIP LIGHTS HARNESS TO ACCESS REMOVE WINGTIP (AMM 57-20) LOCATED INSIDE WINGTIP (AMM 57-20)	206036-5	206037-1
J400  P400  <i>SERIALS 1005 & SUBS W/O PERSPECTIVE</i>	RIGHT WING HARNESS TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE ACCESS PANEL CF2L (AMM 6-00) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20)	PLC18M0000	PLC18F00820
J400  P400  <i>SERIALS 2016 & SUBS W/ PERSPECTIVE</i>	RIGHT WING HARNESS TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE ACCESS PANEL CF2L (AMM 6-00) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20)	PLC9M0000	PLC09F0000
J401 	RIGHT WINGTIP STROBE LIGHT TO RIGHT WING HARNESS TO ACCESS REMOVE WINGTIP (AMM 57-20) LOCATED INSIDE WINGTIP (AMM 57-20)	1-480305-0	INSTR 1-480303-0
P402 	RIGHT WINGTIP NAV LIGHTS TO RIGHT WING HARNESS TO ACCESS REMOVE WINGTIP (AMM 57-20) LOCATED INSIDE WINGTIP (AMM 57-20)	INSTR 1-480305-0	1-480303-0

Figure 91-101
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EFFECTIVITY:
All

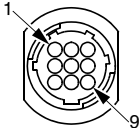
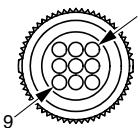
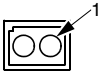
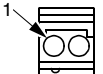
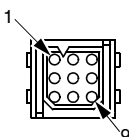
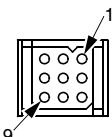
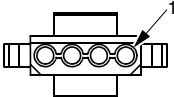
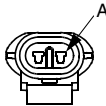
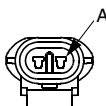
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
J403  P403 	FLUX DETECTOR TO RIGHT WING HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS FLUX DETECTOR (AMM 34-50) LOCATED ON FLUX DETECTOR	INSTR	W/INST 206708-1
J405  P405 	RIGHT WINGTIP HARNESS SHIELDING TO GROUND TO ACCESS REMOVE WINGTIP (AMM 57-20) LOCATED INSIDE WINGTIP (AMM 57-20)	794012-1	1-480720-0
J413  P413 	RIGHT WING AFT HARNESS TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE ACCESS PANEL CF3R (AMM 6-00) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20)	PLC9M0000	PLC09F0000
P415 	MAGNETOMETER TO RIGHT WING MAG/OAT HARNESS TO ACCESS REMOVE ACCESS PANEL RW10 (AMM 6-00) LOCATED ON MAGNETOMETER (AMM 34-20)		MS3126F12-10S
P419 	RIGHT WINGTIP RECOGNITION LIGHT TO RIGHT WINGTIP LIGHTS HARNESS TO ACCESS REMOVE WINGTIP (AMM 57-20) LOCATED INSIDE WINGTIP (AMM 57-20) NEAR WINGTIP LIGHTS (AMM 33-40)		1-480425-0
P423 	RH FUEL LEVEL SENDER INBOARD TO RIGHT WING HARNESS ACCESS BY REMOVING ACCESS PANEL RW5 (AMM 6-00) LOCATED NEAR FUEL LEVEL SENDER (AMM 28-40)		12052641
P424 	RH FUEL LEVEL SENDER OUTBOARD TO RIGHT WING HARNESS TO ACCESS REMOVE ACCESS PANEL RW10 (AMM 6-00) LOCATED NEAR FUEL LEVEL SENDER (AMM 28-40)		12052641

Figure 91-101
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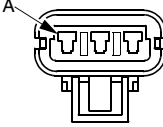
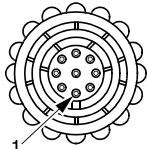
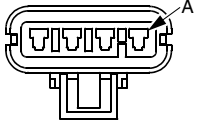
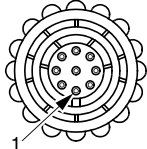
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
J427 	RH BRAKE TEMP SENSOR TO RIGHT WING AFT HARNESS TO ACCESS REMOVE LOWER WHEEL FAIRING (AMM 32-10) LOCATED ON BRAKE CALIPER (AMM 32-42)	12162000	
J428 	RIGHT TKS LEVEL SENDER TO RIGHT WING AFT HARNESS TO ACCESS REMOVE WING ROOT FAIRING (AMM 53-50) LOCATED NEAR TKS LEVEL SENDER (AMM 30-07)	12162000	
P429 	RIGHT GLYCOL TANK LEVEL SWITCH TO RIGHT WING AFT HARNESS TO ACCESS REMOVE WING ROOT FAIRING (AMM 53-50) LOCATED ON WING RIB		12110293
P430 	MAG 1 TO MAG/OAT HARNESS TO ACCESS REMOVE ACCESS PANEL RW10 (AMM 6-00) LOCATED BEHIND WING ACCESS PANEL NEAR MAG 1 (AMM 34-20)		011-00871-00
P431 	OAT 1 TO MAG/OAT HARNESS TO ACCESS REMOVE ACCESS PANEL RW10 (AMM 6-00) LOCATED BEHIND WING ACCESS PANEL NEAR OAT 1 (AMM 34-10)		12162144
P432 	MAG 2 TO MAG/OAT HARNESS TO ACCESS REMOVE ACCESS PANEL RW10 (AMM 6-00) LOCATED BEHIND WING ACCESS PANEL NEAR MAG 2 (AMM 34-20)		011-00871-00

Figure 91-101
Contact Data (Sheet 15 of 82)

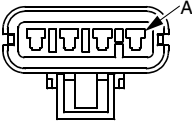
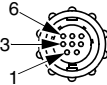
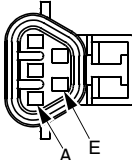
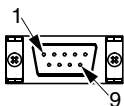
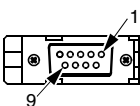
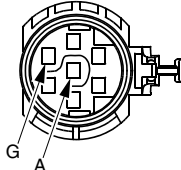
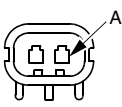
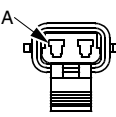
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
P433 	OAT 2 TO MAG/OAT HARNESS TO ACCESS REMOVE ACCESS PANEL RW10 (AMM 6-00) LOCATED BEHIND WING ACCESS PANEL NEAR OAT 2 (AMM 34-10)		12162144
P439 	RIGHT WINGTIP NAV/STROBE LIGHT TO RIGHT WINGTIP LIGHTS HARNESS TO ACCESS REMOVE WINGTIP (AMM 57-20) LOCATED INSIDE WINGTIP (AMM 57-20) NEAR WINGTIP LIGHTS (AMM 33-40)		205838-1
P440 	STALL TRANSDUCER TO STALL VANE HARNESS TO ACCESS REMOVE ACCESS PANEL RW9 (AMM 6-00) LOCATED NEAR STALL WARNING STALL TRANSDUCER (AMM 27-31)		12146045
J441 	P441 	RD9M0000Z	RD9F0000X
P442 	LIFT TRANSDUCER INTERCONNECT TO ICE PROTECTION HARNESS TO ACCESS REMOVE ACCESS PANEL CF3R (AMM 6-00) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20)		829-12110751
J443 	P443 	15300002	15300027
	LIFT TRANSDUCER POWER INTERCONNECT TO ICE PROTECTION HARNESS TO ACCESS REMOVE ACCESS PANEL CF3R (AMM 6-00) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20)		

Figure 91-101
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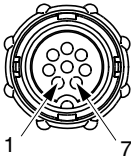
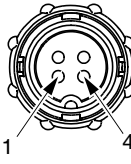
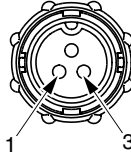
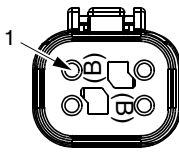
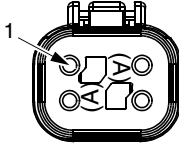
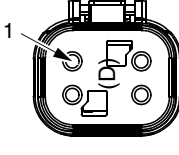
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
P450 	RH FUEL LEVEL SENDER INBOARD TO RIGHT WING HARNESS ACCESS BY REMOVING ACCESS PANEL RW5 (AMM 6-00) LOCATED NEAR FUEL LEVEL SENDER (AMM 28-40)		EN3C8FCKX
P451 	RH FUEL LEVEL SENDER OUTBOARD TO RIGHT WING HARNESS TO ACCESS REMOVE ACCESS PANEL RW10 (AMM 6-00) LOCATED NEAR FUEL LEVEL SENDER (AMM 28-40)		EN3C4FCKX
P452 	RIGHT TKS LEVEL SENDER TO RIGHT WING AFT HARNESS TO ACCESS REMOVE WING ROOT FAIRING (AMM 53-50) LOCATED NEAR TKS LEVEL SENDER (AMM 30-07)		DT06-4S-CE04
P453 	RH FUEL LEVEL SENDER INBOARD TO RIGHT WING HARNESS ACCESS BY REMOVING ACCESS PANEL RW5 (AMM 6-00) LOCATED NEAR FUEL LEVEL SENDER (AMM 28-40)		53936-004
P454 	RH FUEL LEVEL SENDER OUTBOARD TO RIGHT WING HARNESS TO ACCESS REMOVE ACCESS PANEL RW10 (AMM 6-00) LOCATED NEAR FUEL LEVEL SENDER (AMM 28-40)		53936-004
P455 	RIGHT TKS LEVEL SENDER TO RIGHT WING AFT HARNESS TO ACCESS REMOVE WING ROOT FAIRING (AMM 53-50) LOCATED NEAR TKS LEVEL SENDER (AMM 30-07)		DT06-4S-CE04

Figure 91-101
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EFFECTIVITY:
All

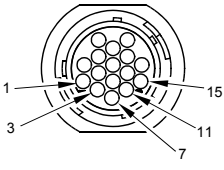
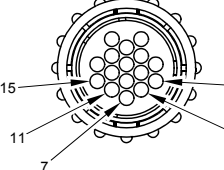
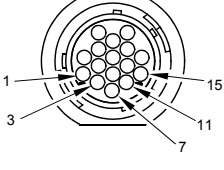
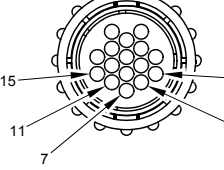
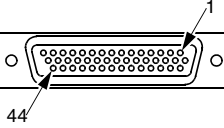
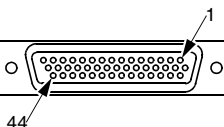
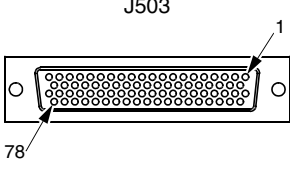
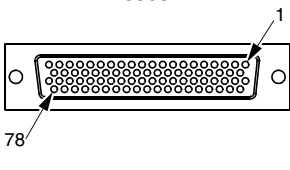
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
J470  P470 	RIGHT WINGTIP INTERCONNECT TO LEFT WING HARNESS TO ACCESS REMOVE WINGTIP (AMM 57-20) LOCATED INSIDE WINGTIP (AMM 57-20)	PLC18M0000	PLC18F0000
J471  P471 	RIGHT WINGTIP INTERCONNECT TO LEFT WINGTIP LIGHTS HARNESS TO ACCESS REMOVE WINGTIP (AMM 57-20) LOCATED INSIDE WINGTIP (AMM 57-20)	206036-5	206037-1
J500 	AUDIO PANEL TO RADIO MODULE ASSEMBLY HARNESS TO ACCESS REMOVE AUDIO PANEL (AMM 23-50) LOCATED ON AUDIO PANEL	PART OF RADIO	PART OF TRAY
J501 	AUDIO PANEL TO RADIO MODULE ASSEMBLY HARNESS TO ACCESS REMOVE AUDIO PANEL (AMM 23-50) LOCATED ON AUDIO PANEL	PART OF RADIO	PART OF TRAY
J503 	GPS 1 RADIO TO RADIO MODULE ASSEMBLY HARNESS TO ACCESS REMOVE GPS 1 RADIO (AMM 34-50) LOCATED ON GPS 1 RADIO	PART OF RADIO	PART OF TRAY
J505 	GPS 2 RADIO TO RADIO MODULE ASSEMBLY HARNESS TO ACCESS REMOVE GPS 2 RADIO (AMM 34-50) LOCATED ON GPS 2 RADIO	PART OF RADIO	PART OF TRAY

Figure 91-101
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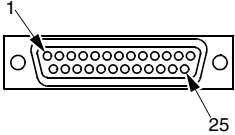
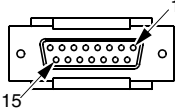
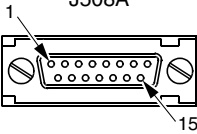
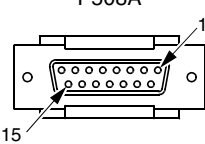
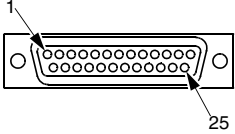
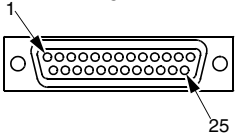
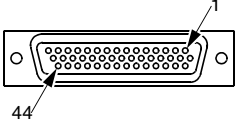
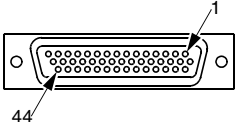
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
P507 	TRANSPONDER TO RADIO MODULE ASSEMBLY HARNESS TO ACCESS REMOVE TRANSPONDER (AMM 34-50) LOCATED ON TRANSPONDER	PART OF RADIO	PART OF TRAY
P508 	ALTITUDE ENCODER TO RADIO MODULE ASSEMBLY HARNESS ACCESS ENCODER BY OPENING CIRCUIT BREAKER PANEL (AMM 24-50) LOCATED ON ALTITUDE ENCODER (AMM 34-10)		205205-2
J508A  P508A 	ALTITUDE ENCODER TO RADIO MODULE ASSEMBLY HARNESS ACCESS ENCODER BY OPENING CIRCUIT BREAKER PANEL (AMM 24-50) LOCATED ON ALTITUDE ENCODER (AMM 34-10)	RD15M0S50V5Z	RD15F00JVLX
P512 	GNS 430 TO RADIO MODULE ASSEMBLY HARNESS TO ACCESS REMOVE GNS 430 (AMM 34-50) LOCATED ON GNS 430	PART OF RADIO	PART OF TRAY
P514 	GNS 430 TO RADIO MODULE ASSEMBLY HARNESS TO ACCESS REMOVE GNS 430 (AMM 34-50) LOCATED ON GNS 430	PART OF RADIO	PART OF TRAY
J515 	GNS 430 TO RADIO MODULE ASSEMBLY HARNESS TO ACCESS REMOVE GNS 430 (AMM 34-50) LOCATED ON GNS 430	PART OF RADIO	(57-20240-96-45) PART OF TRAY
J516 	GNS 430 TO RADIO MODULE ASSEMBLY HARNESS TO ACCESS REMOVE GNS 430 (AMM 34-50) LOCATED ON GNS 430	PART OF RADIO	(57-20240-96-45) PART OF TRAY

Figure 91-101
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EFFECTIVITY:
All

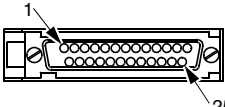
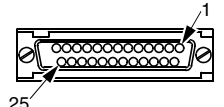
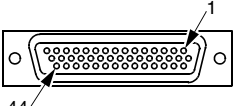
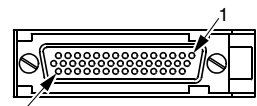
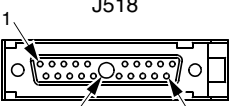
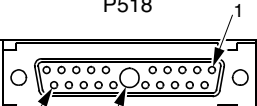
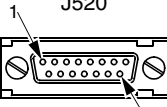
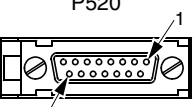
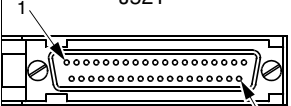
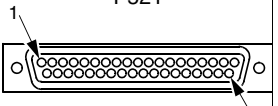
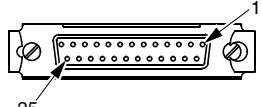
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
J517  P517  SERIALS 1005 - 1178	RADIO MODULE ASSEMBLY HARNESS TO NAVIGATION HARNESS TO ACCESS REMOVE GNS 430 (AMM 34-50) LOCATED FORWARD OF GNS 430	RD25M00JVLZ	RD25F0S50V5X
J517  P517  SERIALS 1179 & SUBS	RADIO MODULE ASSEMBLY HARNESS TO NAVIGATION HARNESS TO ACCESS REMOVE GNS 430 (AMM 34-50) LOCATED FORWARD OF GNS 430	DD44M00JVLZ	DD44F0S50V5X
J518  P518 	RADIO MODULE ASSEMBLY HARNESS TO NAVIGATION HARNESS TO ACCESS REMOVE GNS 430 (AMM 34-50) LOCATED FORWARD OF GNS 430	CBC21W1M00JVLZ	CBC21W1F0S50V5X
J520  P520 	RADIO MODULE ASSEMBLY HARNESS TO CIRCUIT BREAKER PANEL HARNESS TO ACCESS OPEN CIRCUIT BREAKER PANEL (AMM 24-50) OR REMOVE RADIO MODULE ASSEMBLY (AMM 25-10) LOCATED FORWARD OF RADIO MODULE ASSEMBLY	RD15M0S50V5Z	RD15F00JVLX
J521  P521 	RADIO MODULE ASSEMBLY HARNESS TO AUDIO ASSEMBLY HARNESS TO ACCESS REMOVE AUDIO PANEL (AMM 23-50) OR REMOVE RADIO MODULE ASSEMBLY (AMM 25-10) LOCATED FORWARD OF AUDIO PANEL	RD37M00JVLZ	RD37F0S50V5X
P527 	VOR/LOC INDICATOR TO RADIO MODULE ASSEMBLY HARNESS TO ACCESS REMOVE VOR/LOC INDICATOR (AMM 34-50) LOCATED ON VOR/LOC INDICATOR	INSTR	RD25F00J00X

Figure 91-101
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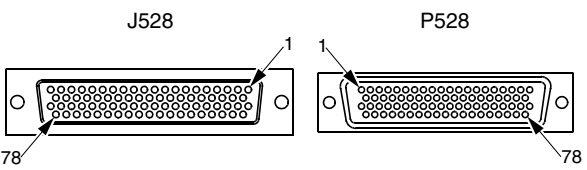
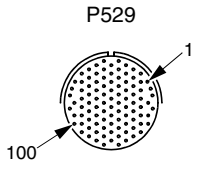
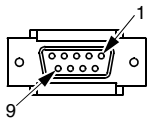
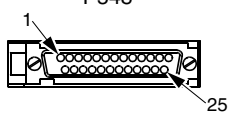
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
	MFD TO NAVIGATION HARNESS TO ACCESS REMOVE MFD (AMM 31-60) LOCATED ON MFD	DD78M000T0	DD78F00GE0
	MFD TO NAVIGATION HARNESS TO ACCESS REMOVE MFD (AMM 31-60) LOCATED ON MFD	INSTR	
	CONVENIENCE POWER CIRCUIT CARD TO FUSELAGE FORWARD HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS CONVENIENCE POWER CIRCUIT CARD (AMM 24-50) LOCATED NEAR CONVENIENCE POWER CIRCUIT CARD	747250-6	205203-3
	RADIO MODULE ASSEMBLY COOLING FAN TO CIRCUIT BREAKER PANEL HARNESS TO ACCESS REMOVE RADIO MODULE ASSEMBLY (AMM 21-20) LOCATED FORWARD OF RADIO MODULE ASSEMBLY	794012-1	1-480720-0
	SANDEL HSI HARNESS TO RADIO MODULE ASSEMBLY HARNESS TO ACCESS REMOVE RADIO MODULE ASSEMBLY (AMM 21-20) LOCATED ON TOP SIDE OF RADIO MODULE ASSEMBLY	1-480277-0	1-480274-0
	REMOTE GYRO TO SANDEL HSI HARNESS TO ACCESS REMOVE ACCESS PANEL CF4R (AMM 6-00) LOCATED BELOW FLOOR ACCESS PANEL (AMM 53-20) ON REMOTE GYRO (AMM 34-50)		RD25F00JVLX

Figure 91-101
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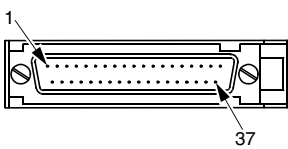
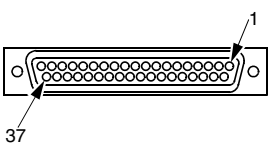
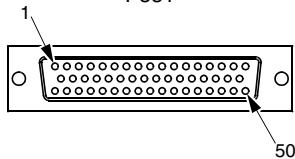
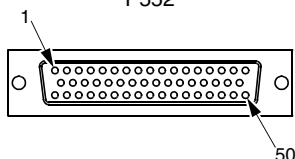
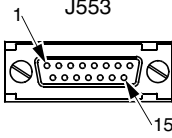
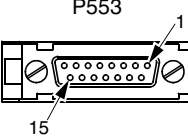
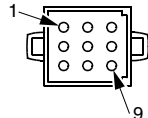
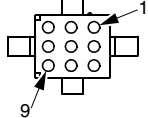
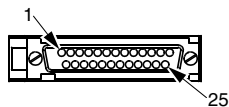
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
J550  P550 	SYSTEM 55X AUTOPILOT HARNESS TO AUTOPILOT ASSEMBLY HARNESS TO ACCESS REMOVE RADIO MODULE ASSEMBLY (AMM 21-20) LOCATED FORWARD OF RADIO MODULE ASSEMBLY	RD37M00JVLZ	RD37F0S50V5X
P551 	SYSTEM 55X AUTOPILOT TO SYSTEM 55X AUTOPILOT HARNESS TO ACCESS REMOVE SYSTEM 55X AUTOPILOT FLIGHT GUIDANCE PROGRAM COMPUTER (AMM 22-11) LOCATED ON SYSTEM 55X AUTOPILOT FLIGHT GUIDANCE PROGRAM COMPUTER	INSTR	(RD50F00000) PART OF TRAY
P552 	SYSTEM 55X AUTOPILOT TO SYSTEM 55X AUTOPILOT HARNESS TO ACCESS REMOVE SYSTEM 55X AUTOPILOT FLIGHT GUIDANCE PROGRAM COMPUTER (AMM 22-11) LOCATED ON SYSTEM 55X AUTOPILOT FLIGHT GUIDANCE PROGRAM COMPUTER	INSTR	(RD50F00000) PART OF TRAY
J553  P553 	SYSTEM 55X AUTOPILOT HARNESS TO AUTOPILOT ASSEMBLY HARNESS TO ACCESS REMOVE RADIO MODULE ASSEMBLY (AMM 21-20) LOCATED FORWARD OF RADIO MODULE ASSEMBLY	RD15M0S50V5Z	RD15F00JVLX
J554  P554 	SYSTEM 55X AUTOPILOT HARNESS TO RADIO MODULE ASSEMBLY HARNESS TO ACCESS REMOVE RADIO MODULE ASSEMBLY (AMM 21-20) LOCATED ON TOP SIDE OF RADIO MODULE ASSEMBLY	1-480277-0	1-480274-0
P555 	SELECTOR/ALERTER ALTITUDE TO AUTOPILOT ASSEMBLY HARNESS TO ACCESS REMOVE SELECTOR/ALERTER (AMM 22-11) LOCATED ON SELECTOR/ALERTER	INSTR MD25M59B70V30	RD25F00JVLX

Figure 91-101
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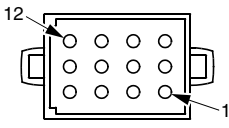
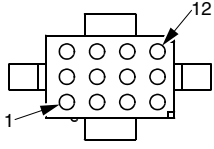
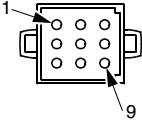
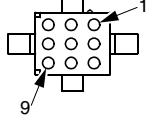
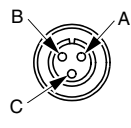
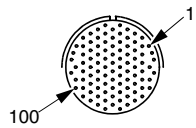
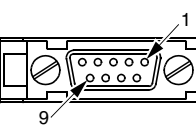
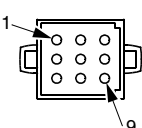
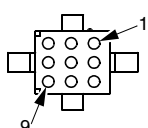
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
J556  P556 	SKYWATCH HARNESS TO RADIO MODULE ASSEMBLY HARNESS TO ACCESS REMOVE RADIO MODULE ASSEMBLY (AMM 21-20) LOCATED ON TOP SIDE OF RADIO MODULE ASSEMBLY	1-480278-0	1-480275-0
J557  P557 	HSI HARNESS TO SKYWATCH HARNESS TO ACCESS REMOVE ACCESS PANEL CF5 (AMM 6-00) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20) BETWEEN HSI SLAVE AMP AND SKYWATCH UNIT (AMM 34-40)	1-480277-0	1-480274-0
P558 	TRAFFIC TRC UNIT TO SKYWATCH HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS TRAFFIC TRC UNIT (AMM 34-40) LOCATED ON TRAFFIC TRC UNIT		MS3126F12-3S
P559 	TRAFFIC TRC UNIT TO SKYWATCH HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS TRAFFIC TRC UNIT (AMM 34-40) LOCATED ON TRAFFIC TRC UNIT		JD38999/26FH35SN
P561 	PITCH SERVO TO AUTOPILOT HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS PITCH SERVO (AMM 22-12) LOCATED ON PITCH SERVO	INSTR RD9M00000	RD9F00JVLX
J562  P562 	STORMSCOPE HARNESS TO NAVIGATION HARNESS TO ACCESS REMOVE RADIO MODULE ASSEMBLY (AMM 25-10) LOCATED FORWARD OF RADIO MODULE ASSEMBLY	1-480277-0	1-480274-0

Figure 91-101
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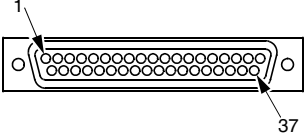
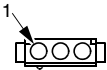
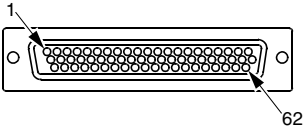
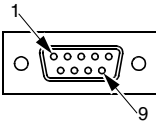
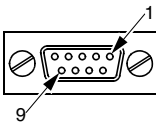
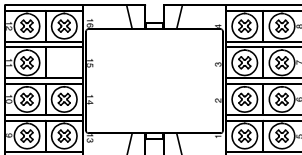
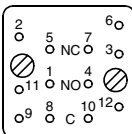
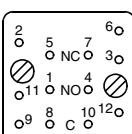
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
P563 	XMD RECEIVER TO XM WEATHER HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS XMD RECEIVER UNIT (AMM 34-50) LOCATED ON XMD RECEIVER UNIT		205209-2
J565  P565 	GTX 327 TRANSPONDER TO GNS 430 GPS UNITS TO ACCESS REMOVE RADIO MODULE ASSEMBLY (AMM 25-10) LOCATED FORWARD OF RADIO MODULE ASSEMBLY	1-480305-0	1-480303-0
J565 	GTX 330 TRANSPONDER TO RADIO MODULE ASSEMBLY HARNESS TO ACCESS REMOVE GTX 330 TRANSPONDER (AMM 34-50) LOCATED ON GTX 330 TRANSPONDER	PART OF RADIO	PART OF TRAY
J566  P566 	FLIGHT DIRECTOR HARNESS TO RADIO MODULE ASSEMBLY HARNESS TO ACCESS REMOVE RADIO MODULE ASSEMBLY (AMM 25-10) LOCATED FORWARD OF RADIO MODULE ASSEMBLY	205204-4	205204-3
P567 	FLIGHT DIRECTOR HARNESS RELAY TO ACCESS REMOVE PILOT KICK PLATE (AMM 25-10) OR USING PROCEDURE TO ACCESS RELAY (AMM 22-11) LOCATED ON UPPER INSIDE OF OUTER PILOT SIDE CONSOLE RIB		27E166
P569 	FLIGHT DIRECTOR SWITCH TO FLIGHT DIRECTOR HARNESS TO ACCESS REMOVE FLIGHT DIRECTOR SWITCH (AMM 22-11) LOCATED ON UPPER INSIDE OF OUTER PILOT SIDE CONSOLE RIB		992331-A154263333
P570 	FLIGHT DIRECTOR SWITCH TO FLIGHT DIRECTOR HARNESS TO ACCESS REMOVE FLIGHT DIRECTOR SWITCH (AMM 22-11) LOCATED ON UPPER INSIDE OF OUTER PILOT SIDE CONSOLE RIB		992331-A154262222

Figure 91-101
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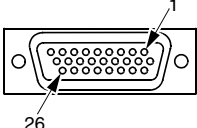
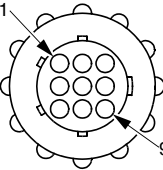
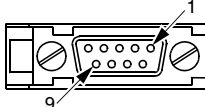
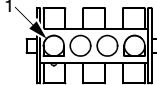
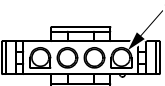
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
P599 	PFD TO NAVIGATION HARNESS TO ACCESS REMOVE PFD (AMM 31-60) LOCATED ON PFD		ODD26F10GE0
P601 	VOLT/AMP METER TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE VOLT/AMP METER (AMM 24-30) LOCATED ON VOLT/AMP METER	INSTR 206705-2	206708-1
P602 	GROUND PLATE (CABIN) TO GROUND BUS BAR (ENGINE COMPARTMENT) TO ACCESS REMOVE CO-PILOT KICK PLATE (AMM 25-10) LOCATED ON FIREWALL	SK2664 GROUND PLATE	GMCT34F0E0000-275.4
P603 	GROUND PLATE (CABIN) TO GROUND BUS BAR (ENGINE COMPARTMENT) TO ACCESS REMOVE PILOT KICK PLATE (AMM 25-10) LOCATED ON FIREWALL	SK2664 GROUND PLATE	GMCT34F0E0000-275.4
P604 	CLOCK TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE CLOCK (AMM 34-10) LOCATED ON CLOCK	INSTR MD9M3200V30	RD9F00JVLX
J605  P605 	CLOCK INTERCONNECT TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE CLOCK (AMM 34-10) LOCATED ON CLOCK	1-480703-0	1-480702-0
J607  P607 	DC/AC INVERTER TO HSI HARNESS TO ACCESS REMOVE ACCESS PANEL CF2R (AMM 6-00) LOCATED BELOW FLOOR ACCESS PANEL (AMM 53-20) NEAR GYRO SLAVING AMP (AMM 34-50)	794012-1	1-480720-0

Figure 91-101
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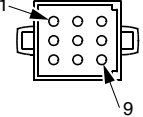
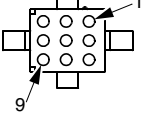
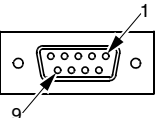
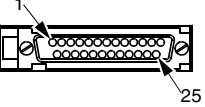
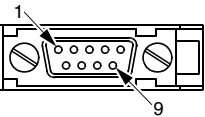
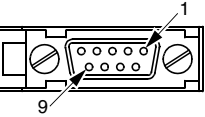
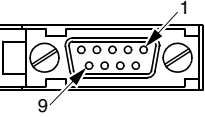
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
J608  P608 	DC/AC INVERTER TO HSI HARNESS TO ACCESS REMOVE ACCESS PANEL CF4R (AMM 6-00) LOCATED BELOW FLOOR ACCESS PANEL (AMM 53-20) NEAR GYRO SLAVING AMP CONNECTOR (AMM 34-50)	794012-1	1-480720-0
J609  P609 	SENSOR INTERFACE UNIT HARNESS TO ENGINE MONITORING CABIN HARNESS TO ACCESS REMOVE CO-PILOT SIDE KICK PLATE (AMM 25-10) LOCATED ON CO-PILOT SIDE KICK PLATE	1-480277-0	1-480274-0
P610 	FUEL PRIME CIRCUIT TO CABIN FIREWALL HARNESS TO ACCESS REMOVE MFD (AMM 31-60) LOCATED FORWARD OF MFD		205203-3
P611 	GPSS 429 CONVERTER TO AUTOPILOT HARNESS TO ACCESS REMOVE GLARESHIELD (AMM 25-10) LOCATED ON GPSS 429 CONVERTER (AMM 22-10)		RD25F00JVLX
J612 	GPSS 429 CONVERTER TO AUTOPILOT HARNESS TO ACCESS REMOVE GLARESHIELD (AMM 25-10) LOCATED ON GPSS 429 CONVERTER (AMM 22-10)	RD9M00JVLX	
P613 	REMOTE GPSS SWITCH TO AUTOPILOT HARNESS TO ACCESS REMOVE GLARESHIELD (AMM 25-10) LOCATED ON REMOTE GPSS SWITCH (AMM 22-10)		RD9F00JVLX
P615 	AUTOPILOT DISCONNECT BOX TO AUTOPILOT HARNESS TO ACCESS REMOVE PILOT-SIDE KICK PLATE (AMM 25-10) LOCATED ON AUTOPILOT DISCONNECT BOX		RD9F00JVLX

Figure 91-101
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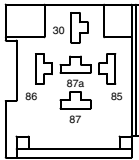
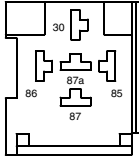
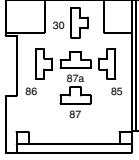
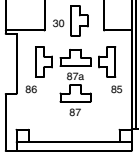
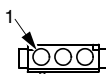
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
P616 	ALTERNATOR 2 RELAY TO BOLSTER SWITCH PANEL TO ACCESS REMOVE PILOT-SIDE KICK PLATE (AMM 25-10) TO ACCESS UNDERSIDE OF BOLSTER SWITCH PANEL (AMM 24-50) LOCATED ON BOLSTER SWITCH PANEL	RELAY 0-332-209-204	3-334-485-008
P617 	ALTERNATOR 1 RELAY TO BOLSTER SWITCH PANEL TO ACCESS REMOVE PILOT-SIDE KICK PLATE (AMM 25-10) TO ACCESS UNDERSIDE OF BOLSTER SWITCH PANEL (AMM 24-50) LOCATED ON BOLSTER SWITCH PANEL	RELAY 0-332-209-204	3-334-485-008
P618 	NAV LIGHTS RELAY TO BOLSTER SWITCH PANEL TO ACCESS REMOVE PILOT-SIDE KICK PLATE (AMM 25-10) TO ACCESS UNDERSIDE OF BOLSTER SWITCH PANEL (AMM 24-50) LOCATED ON BOLSTER SWITCH PANEL	RELAY 0-332-209-204	3-334-485-008
P619 	STROBE LIGHTS RELAY TO BOLSTER SWITCH PANEL TO ACCESS REMOVE PILOT-SIDE KICK PLATE (AMM 25-10) TO ACCESS UNDERSIDE OF BOLSTER SWITCH PANEL (AMM 24-50) LOCATED ON BOLSTER SWITCH PANEL	RELAY 0-332-209-204	3-334-485-008
J620  P620 	RADIO MODULE ASSEMBLY HARNESS TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE RADIO MODULE ASSEMBLY (AMM 21-20) LOCATED FORWARD OF RADIO MODULE ASSEMBLY	1-480305-0	1-480303-0
J620B  P620A 	RADIO MODULE ASSEMBLY HARNESS TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE RADIO MODULE ASSEMBLY (AMM 21-20) LOCATED FORWARD OF RADIO MODULE ASSEMBLY	1-480305-0	1-480303-0

Figure 91-101
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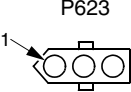
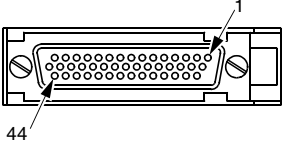
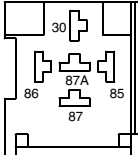
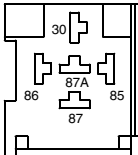
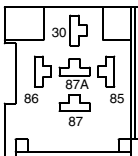
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
P623 	ALTITUDE TRANSDUCER TO PITCH COMPUTER TO ACCESS REMOVE MFD (AMM 31-60) TO ACCESS ALTITUDE TRANSDUCER (AMM 22-10) LOCATED ON ALTITUDE TRANSDUCER	INSTR 03-09-1032	03-09-1032
P624 	ALTITUDE TRANSDUCER TO PITCH COMPUTER TO ACCESS REMOVE MFD (AMM 31-60) TO ACCESS PITCH COMPUTER (AMM 22-10) LOCATED ON PITCH COMPUTER	INSTR DFDA44M50F0X	DD44F00JVLX
P626 	PITOT HEAT CURRENT SENSOR ON FUSELAGE FORWARD HARNESS TO ACCESS REMOVE MID CONSOLE TRIM PANEL (AMM 25-10) LOCATED FORWARD OF FLAPS CONTROL PANEL (AMM 27-50)	INSTR	102241-1
P627 	AVIONICS RELAY 1 TO CIRCUIT BREAKER PANEL HARNESS TO ACCESS OPEN CIRCUIT BREAKER PANEL (AMM 24-50) OR REMOVE MID CONSOLE TRIM PANEL (AMM 25-10) LOCATED INBOARD SIDE OF CIRCUIT BREAKER PANEL (AMM 24-50)	RELAY 0-332-209-204	3-334-485-008
P628 	AVIONICS RELAY 2 TO CIRCUIT BREAKER PANEL HARNESS TO ACCESS OPEN CIRCUIT BREAKER PANEL (AMM 24-50) OR REMOVE MID CONSOLE TRIM PANEL (AMM 25-10) LOCATED INBOARD SIDE OF CIRCUIT BREAKER PANEL (AMM 24-50)	RELAY 0-332-209-204	3-334-485-008
P629 	AVIONICS RELAY 2 TO CIRCUIT BREAKER PANEL HARNESS TO ACCESS OPEN CIRCUIT BREAKER PANEL (AMM 24-50) OR REMOVE MID CONSOLE TRIM PANEL (AMM 25-10) LOCATED INBOARD SIDE OF CIRCUIT BREAKER PANEL (AMM 24-50)	RELAY 0-332-209-204	3-334-485-008

Figure 91-101
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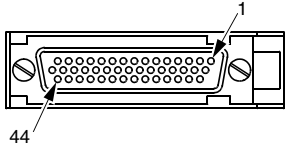
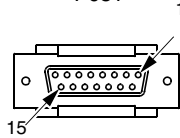
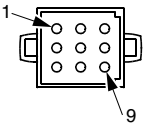
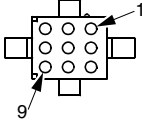
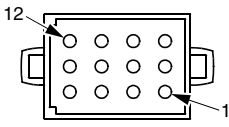
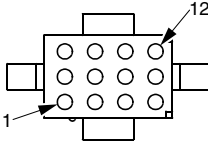
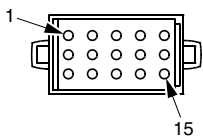
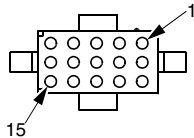
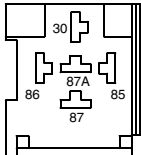
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
P630 	TURN COORDINATOR TO AUTOPILOT ASSEMBLY HARNESS TO ACCESS REMOVE CO-PILOT SIDE KICK PLATE (AMM 25-10) TO ACCESS TURN COORDINATOR (AMM 22-10) LOCATED ON TURN COORDINATOR		DD44F00JVLX
P631 	FLAP CIRCUIT CARD ASSEMBLY TO MID FUSELAGE POWER HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS FLAP CIRCUIT CARD (AMM 27-50) LOCATED ON FLAP CIRCUIT CARD ASSEMBLY	747236-6	205205-2
J632  P632 	FLAP CIRCUIT CARD ASSEMBLY TO MID FUSELAGE POWER HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS FLAP CIRCUIT CARD (AMM 27-50) LOCATED ON FLAP CIRCUIT CARD ASSEMBLY	1-480277-0	1-480274-0
J632  P632 	FLAP SWITCH ASSEMBLY TO MID FUSELAGE POWER HARNESS TO ACCESS REMOVE RH MID CONSOLE TRIM (AMM 25-10) TO ACCESS FLAP SWITCH ASSEMBLY (AMM 27-50) LOCATED ON FLAPS SWITCH ASSEMBLY	1-480278-0	1-480275-0
J632  P632 	FLAP SWITCH ASSEMBLY TO MID FUSELAGE POWER HARNESS TO ACCESS REMOVE RH MID CONSOLE TRIM (AMM 25-10) TO ACCESS FLAP SWITCH ASSEMBLY (AMM 27-50) LOCATED ON FLAPS SWITCH ASSEMBLY	1-480324-0	1-480323-0
P633 	HOBBS METER #1 RELAY TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE MID CONSOLE TRIM PANEL (AMM 25-10) LOCATED NEAR FORWARD TRANSIENT VOLTAGE SUPPRESSOR (AMM 24-50)	RELAY 0-332-209-204	3-334-485-008

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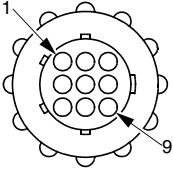
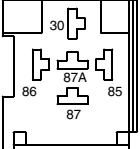
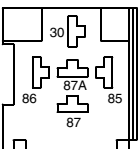
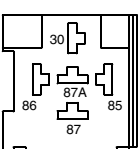
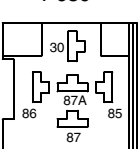
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
	PITCH TRIM MOTOR TO FUSELAGE AFT HARNESS TO ACCESS REMOVE ACCESS PANELS RE1, RE2 AND LE1 (AMM 6-00) LOCATED NEAR PITCH TRIM MOTOR (AMM 27-30)	1-480305-0	1-480303-0
	FUEL QUANTITY GAUGE TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE RH MID CONSOLE TRIM (AMM 25-10) TO ACCESS FUEL QUANTITY GAUGE (AMM 28-40) LOCATED ON FUEL QUANTITY GAUGE	INSTR 206705-2	206708-1
	PITCH DOWN TRIM RELAY TO FUSELAGE AFT HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS PITCH RELAYS (AMM 27-30) LOCATED ON RH LONGERON	RELAY 0-332-209-204	3-334-485-008
	PITCH DOWN TRIM RELAY TO FUSELAGE AFT HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS PITCH RELAYS (AMM 27-30) LOCATED ON RH LONGERON	RELAY 0-332-209-204	3-334-485-008
	ROLL LEFT TRIM RELAY TO FUSELAGE AFT HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS ROLL TRIM RELAYS (AMM 27-30) LOCATED ON RH LONGERON	RELAY 0-332-209-204	3-334-485-008
	ROLL RIGHT TRIM RELAY TO FUSELAGE AFT HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS ROLL TRIM RELAYS (AMM 27-30) LOCATED ON RH LONGERON	RELAY 0-332-209-204	3-334-485-008

Figure 91-101
Contact Data (Sheet 30 of 82)

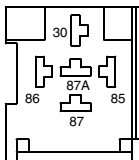
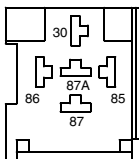
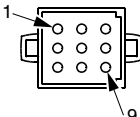
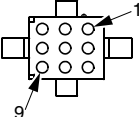
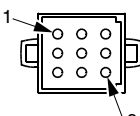
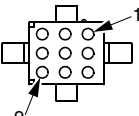
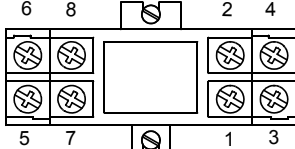
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
P642 	FLAP DOWN RELAY TO FUSELAGE AFT HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS FLAP RELAYS (AMM 27-50) LOCATED ON RH LONGERON	RELAY 0-332-209-204	3-334-485-008
P643 	FLAP UP RELAY TO FUSELAGE AFT HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS FLAP RELAYS (AMM 27-50) LOCATED ON RH LONGERON	RELAY 0-332-209-204	3-334-485-008
J644  P644 	FLAP ACTUATOR TO FUSELAGE AFT HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS FLAPS ACTUATOR ASSEMBLY (AMM 27-50) LOCATED NEAR FLAPS ACTUATOR	1-480277-0	1-480274-0
J645  P645 	INTERIOR LIGHTING HARNESS TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE MFD (AMM 31-60) LOCATED FORWARD OF MFD (AMM 21-20)	1-480277-0	1-480274-0
P646 	GLARESHIELD LIGHT STRIP TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE GLARESHIELD ASSEMBLY (AMM 25-10) LOCATED FORWARD OF MFD	794012-1	1-480720-0
P648 	AUTOPILOT ROLL RELAY TO MID FUSELAGE POWER HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS ROLL RELAY (AMM 27-10) LOCATED ON LONGERON	RELAY K10P11D1524	27E487

Figure 91-101
Contact Data (Sheet 31 of 82)

EFFECTIVITY:
All

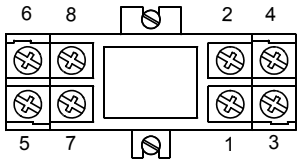
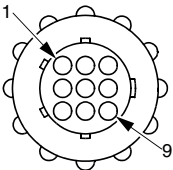
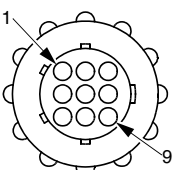
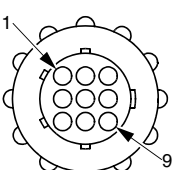
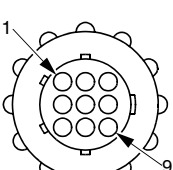
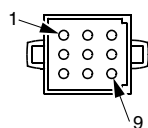
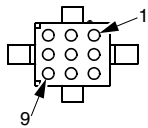
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
P649 	AUTOPILOT PITCH RELAY TO MID FUSELAGE POWER HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS ROLL RELAY (AMM 27-10) LOCATED ON LONGERON	RELAY K10P11D1524	27E487
P650 	OIL TEMP/PRESSURE GAUGE TO CABIN FIREWALL HARNESS TO ACCESS REMOVE MFD (AMM 27-10) TO ACCESS OIL TEMP/PRESSURE GAUGE (AMM 79-30) LOCATED ON OIL TEMP/PRESSURE GAUGE	INSTR 206705-2	206708-1
P651 	EGT/CHT GAUGE TO CABIN FIREWALL HARNESS TO ACCESS REMOVE MFD (AMM 27-10) TO ACCESS OIL TEMP/PRESSURE GAUGE (AMM 79-20) LOCATED ON EGT/CHT GAUGE	INSTR 206705-2	206708-1
P652 	MAP/ FUEL FLOW GAUGE TO CABIN FIREWALL HARNESS TO ACCESS REMOVE MFD (AMM 27-10) TO ACCESS OIL TEMP/PRESSURE GAUGE (AMM 77-10) LOCATED ON MAP/ FUEL FLOW GAUGE	INSTR 206705-2	206708-1
P653 	TACHOMETER TO CABIN FIREWALL HARNESS TO ACCESS REMOVE MFD (AMM 27-10) TO ACCESS TACHOMETER (AMM 77-10) LOCATED ON TACHOMETER	INSTR 206705-2	206708-1
J654  P654 	RUDDER TRIM HARNESS FORWARD SUBASSEMBLY TO AFT SUBASSEMBLY TO ACCESS REMOVE RUDDER BOTTOM (AMM 55-40) TO ACCESS YAW TRIM SERVO (AMM 27-20) LOCATED IN RUDDER BOTTOM	1-480277-0	1-480274-0

Figure 91-101
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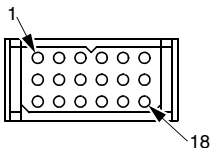
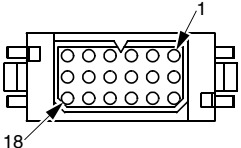
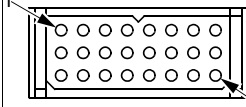
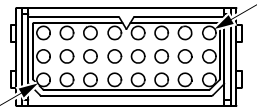
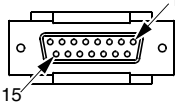
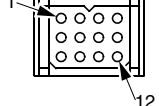
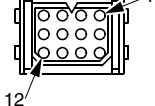
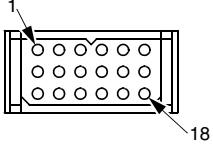
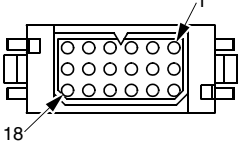
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
P655 	ELECTRIC ATTITUDE GYRO TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE PILOT-SIDE KICK PLATE TO ACCESS ATTITUDE INDICATOR (AMM 34-20) LOCATED FORWARD OF STANDBY ATTITUDE INDICATOR (AMM 34-20)	INSTR MS3112E8-4P	MS3116E8-4S
J657  P657 	CIRCUIT BREAKER PANEL HARNESS TO FUSELAGE FORWARD HARNESS TO ACCESS OPEN CIRCUIT BREAKER PANEL (AMM 24-50) OR REMOVE MID CONSOLE TRIM PANEL (AMM 25-10) LOCATED INBOARD AND ABOVE CIRCUIT BREAKER PANEL (AMM 24-50)	PLC18M0000	PLC18F0000
J657  P657 	CIRCUIT BREAKER PANEL HARNESS TO FUSELAGE FORWARD HARNESS TO ACCESS OPEN CIRCUIT BREAKER PANEL (AMM 24-50) OR REMOVE MID CONSOLE TRIM PANEL (AMM 25-10) LOCATED INBOARD AND ABOVE CIRCUIT BREAKER PANEL (AMM 24-50)	PLC24M0000	PLC24F0000
P658 	DIMMER BOARD TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE PILOT-SIDE KICK PLATE (AMM 25-10) LOCATED FORWARD OF STANDBY INSTRUMENTS (AMM 34-20)	747236-6	205205-2
J659  P659 	CIRCUIT BREAKER PANEL HARNESS TO FUSELAGE FORWARD HARNESS TO ACCESS OPEN CIRCUIT BREAKER PANEL (AMM 24-50) OR REMOVE MID CONSOLE TRIM PANEL (AMM 25-10) LOCATED INBOARD AND ABOVE CIRCUIT BREAKER PANEL (AMM 24-50)	PLC12M0000	PLC12F0000
J659  P659 	CIRCUIT BREAKER PANEL HARNESS TO FUSELAGE FORWARD HARNESS TO ACCESS OPEN CIRCUIT BREAKER PANEL (AMM 24-50) OR REMOVE MID CONSOLE TRIM PANEL (AMM 25-10) LOCATED INBOARD AND ABOVE CIRCUIT BREAKER PANEL (AMM 24-50)	PLC18M0000	PLC18F0000

Figure 91-101
Contact Data (Sheet 33 of 82)

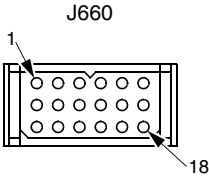
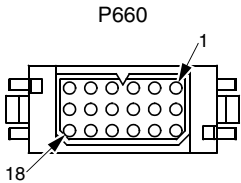
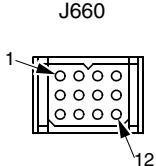
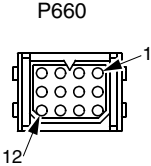
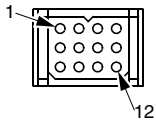
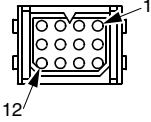
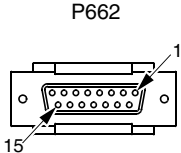
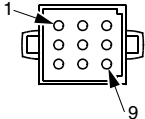
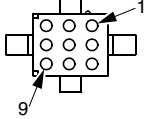
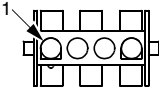
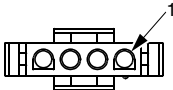
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
 	BOLSTER SWITCH PANEL TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE PILOT-SIDE KICK PLATE (AMM 25-10) TO ACCESS BOLSTER SWITCH PANEL (AMM 31-10) LOCATED ON BOLSTER SWITCH PANEL	PLC18M0000	PLC18F0000
 	BOLSTER SWITCH PANEL TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE PILOT-SIDE KICK PLATE (AMM 25-10) TO ACCESS BOLSTER SWITCH PANEL (AMM 31-10) LOCATED ON BOLSTER SWITCH PANEL	PLC12M0000	PLC12F0000
 	BOLSTER SWITCH PANEL TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE PILOT-SIDE KICK PLATE (AMM 25-10) TO ACCESS BOLSTER SWITCH PANEL (AMM 31-10) LOCATED ON BOLSTER SWITCH PANEL	PLC12M0000	PLC12F0000
	ANNUNCIATOR BOARD TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE GLARESHIELD ASSEMBLY (AMM 25-10) TO ACCESS ANNUNCIATOR BOARD (AMM 31-50) LOCATED ON ANNUNCIATOR BOARD	1-747872-4	205205-2
 	RUDDER TRIM GAUGE TO RUDDER TRIM HARNESS FORWARD SUBASSEMBLY TO ACCESS REMOVE YAW TRIM GAUGE (AMM 27-20) LOCATED ON YAW TRIM GAUGE	1-480277-0	1-480274-0
 	YAW TRIM SERVO TO RUDDER TRIM HARNESS AFT SUBASSEMBLY TO ACCESS REMOVE RUDDER BOTTOM (AMM 55-40) TO ACCESS YAW TRIM SERVO (AMM 27-20) LOCATED IN RUDDER	1-480703-0	1-480702-0

Figure 91-101
Contact Data (Sheet 34 of 82)

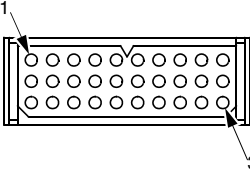
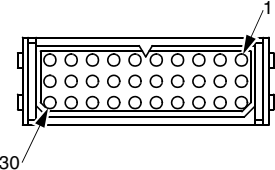
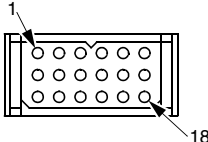
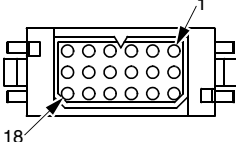
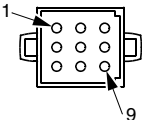
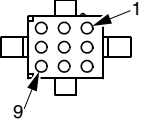
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
J666  P666 	FUSELAGE FORWARD HARNESS TO FUSELAGE AFT HARNESS TO ACCESS REMOVE ACCESS PANEL CF3R (AMM 6-00) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20)	PLC30M0000	PLC30F0000
J667  P667 	AUTOPILOT HARNESS TO FUSELAGE AFT HARNESS TO ACCESS REMOVE FLOOR ACCESS PANEL CF3R (AMM 06-00) LOCATED BELOW FLOOR ACCESS PANEL EARLY SERIALS CHECK OTHER FLOOR ACCESS PANELS NEAR WING SPAR	PLC18M0000	PLC18F0000
J668  P668 	STORMSCOPE FORWARD SUB ASSEM HARNESS TO AFT SUB ASSEM HARNESS TO ACCESS REMOVE FLOOR ACCESS PANEL CF3R (AMM 06-00) LOCATED BELOW FLOOR ACCESS PANEL (AMM 53-20) EARLY SERIALS CHECK OTHER FLOOR ACCESS PANELS NEAR WING SPAR	1-480277-0	1-480274-0
J669  P669 	POWER RESISTOR ON CONVENIENCE POWER CIRCUIT CARD TO FUSELAGE FORWARD HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS CONVENIENCE POWER CIRCUIT CARD (AMM 25-10)	794012-1	1-480720-0
J670  P670 	CABIN SPEAKER TO INTERIOR LIGHTING HARNESS TO ACCESS REMOVE CABIN SPEAKER (AMM 23-50) OR BY REMOVING CABIN HEADLINER INTERIOR TRIM (AMM 25-10)	794012-1	1-480720-0
J671  P671 	ALTIMETER LIGHTS TO FUSELAGE FORWARD HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS ALTIMETER (AMM 34-10) LOCATED FORWARD OF ALTIMETER	794012-1	1-480720-0

Figure 91-101
Contact Data (Sheet 35 of 82)

CONNECTOR NUMBER		LOCATION	JACK P/N	PLUG P/N
J672	P672	VERTICAL SPEED INDICATOR LIGHTS TO FUSELAGE FORWARD HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS VERTICAL SPEED INDICATOR (AMM 34-10) LOCATED FORWARD OF VERTICAL SPEED INDICATOR	794012-1	1-480720-0
J675	P675	AIRSPED INDICATOR LIGHTS TO FUSELAGE FORWARD HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS AIRSPED INDICATOR (AMM 34-10) LOCATED FORWARD OF AIRSPED INDICATOR	794012-1	1-480720-0
J676	P676	TURN COORDINATOR LIGHTS TO FUSELAGE FORWARD HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS TURN COORDINATOR (AMM 22-10) LOCATED FORWARD OF TURN COORDINATOR	794012-1	1-480720-0
	P677	COMPASS LIGHTS TO INTERIOR LIGHTING HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS COMPASS (AMM 34-20) LOCATED ON COMPASS	794012-1	1-480720-0
J678	P678	CABIN DOME LIGHT TO INTERIOR LIGHTING HARNESS TO ACCESS REMOVE HEADLINER (AMM 25-10) LOCATED NEAR CABIN DOME LIGHT (AMM 33-10)	794012-1	1-480720-0
J679	P679	CAPS HANDLE LIGHTING TO INTERIOR LIGHTING HARNESS TO ACCESS REMOVE HEADLINER (AMM 25-10) LOCATED NEAR CABIN DOME LIGHT (AMM 33-10)	794012-1	1-480720-0
J680	P680	CABIN EYEBALL LIGHT TO INTERIOR LIGHTING HARNESS TO ACCESS REMOVE HEADLINER (AMM 25-10) LOCATED NEAR CABIN EYEBALL LIGHT (AMM 33-10)	794012-1	1-480720-0

Figure 91-101
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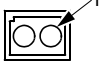
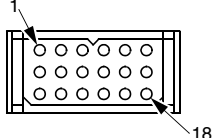
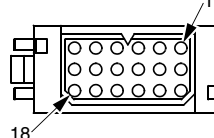
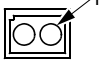
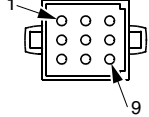
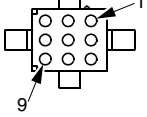
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
J682 	P682  CIRCUIT BREAKER PANEL LIGHTS TO FUSELAGE FORWARD HARNESS TO ACCESS OPEN CIRCUIT BREAKER PANEL (AMM 24-50) OR REMOVE MID CONSOLE TRIM PANEL (AMM 25-10) LOCATED INBOARD AND ABOVE CIRCUIT BREAKER PANEL (AMM 24-50)	794012-1	1-480720-0
J683 	P683  ALT AIR CONTROL LIGHTS TO FUSELAGE FORWARD HARNESS TO ACCESS OPEN CIRCUIT BREAKER PANEL (AMM 24-50) OR REMOVE MID CONSOLE TRIM PANEL (AMM 25-10) LOCATED INBOARD AND ABOVE CIRCUIT BREAKER PANEL (AMM 24-50)	794012-1	1-480720-0
J684 	P684  COMPASS LIGHTS TO FUSELAGE FORWARD HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS STALL WARNING HORN (AMM 27-31) STALL WARNING HORN	794012-1	1-480720-0
J685 	P685  AUTOPILOT HARNESS TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE GLARESHIELD ASSEMBLY (AMM 25-10) LOCATED FORWARD OF PILOT-SIDE INSTRUMENT PANEL	PLC18M0000	PLC18F0000
J686 	P686  YOKE LIGHTING TO INTERIOR LIGHTING HARNESS TO ACCESS REMOVE HEADLINER (AMM 25-10) LOCATED BETWEEN CREW EYEBALL LIGHTS (AMM 33-10)	794012-1	1-480720-0
J687 	P687  CREW EYEBALL LIGHT & SWITCH TO ACCESS REMOVE HEADLINER (AMM 25-10) LOCATED NEAR CABIN EYEBALL LIGHT (AMM 33-10)	794012-1	1-480720-0
J688 	P688  STORMSCOPE AFT SUB ASSEM HARNESS TO FUSELAGE AFT HARNESS TO ACCESS REMOVE ACCESS PANEL CF5 (AMM 6-00) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20) FORWARD OF STORMSCOPE UNIT (AMM 34-40)	1-480277-0	1-480274-0

Figure 91-101
Contact Data (Sheet 37 of 82)

EFFECTIVITY:
All

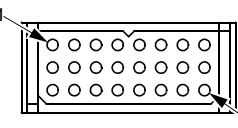
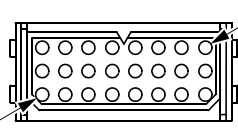
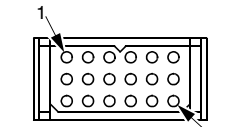
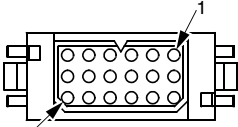
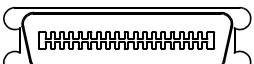
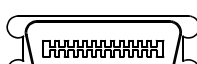
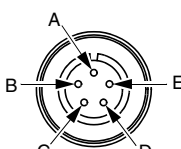
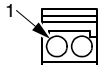
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
J689  P689 	NAVIGATION HARNESS TO AUTOPILOT HARNESS TO ACCESS REMOVE GLARESHIELD ASSEMBLY (AMM 25-10) LOCATED FORWARD OF PILOT-SIDE INSTRUMENT PANEL	PLC24M0000	PLC24F0000
J689  P689 	NAVIGATION HARNESS TO AUTOPILOT HARNESS TO ACCESS REMOVE GLARESHIELD ASSEMBLY (AMM 25-10) LOCATED FORWARD OF PILOT-SIDE INSTRUMENT PANEL	PLC18M0000	PLC18F0000
P690 	HSI TO NAVIGATION HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS HSI (AMM 34-50) LOCATED FORWARD OF HSI	INSTR	W/INST 57-30360
P691 	HSI TO HSI HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS HSI (AMM 34-50) LOCATED FORWARD OF HSI	INSTR	W/INST
P692 	GYRO SLAVE AMP TO HSI HARNESS TO ACCESS REMOVE ACCESS PANEL CF2R (AMM 6-00) LOCATED BELOW FLOOR ACCESS PANEL (AMM 53-20) ON GYRO SLAVING AMP (AMM 34-50)	INSTR	W/INST 57-30240
P693 	TURN COORDINATOR TO AUTOPILOT ASSEMBLY HARNESS TO ACCESS REMOVE CO-PILOT SIDE KICK PLATE (AMM 25-10) TO ACCESS TURN COORDINATOR (AMM 22-10) LOCATED ON TURN COORDINATOR	INSTR	MS3106A14S-5S
J694  P694 	HSI TO AUTOPILOT HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS HSI (AMM 34-50) LOCATED FORWARD OF HSI	794012-1	1-480720-0

Figure 91-101
Contact Data (Sheet 38 of 82)

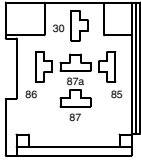
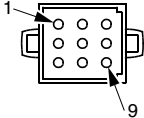
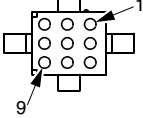
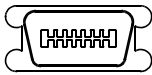
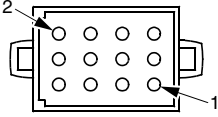
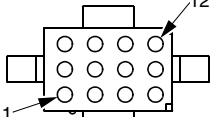
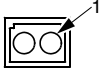
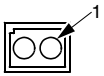
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P696 	AUTOPILOT DISC RELAY TO AUTOPILOT ASSEMBLY HARNESS TO ACCESS REMOVE MFD (AMM 31-60) LOCATED FORWARD OF MFD	RELAY 0-332-209-204	3-334-485-008
J697  P697 	HSI HARNESS TO FUSELAGE AFT HARNESS TO ACCESS REMOVE ACCESS PANEL CF2R (AMM 6-00) LOCATED BELOW FLOOR ACCESS PANEL (AMM 53-20) NEAR GYRO SLAVING AMP (AMM 34-50)	1-480277-0	1-480274-0
P698 	GYRO SLAVING AMP TO STORMSCOPE AFT SUB ASSEM HARNESS TO ACCESS REMOVE ACCESS PANEL CF2R (AMM 6-00) LOCATED BELOW FLOOR ACCESS PANEL (AMM 53-20) ON GYRO SLAVING AMP (AMM 34-50)	INSTR	W/INST 57-30140
J700  P700 	PILOT YOKE TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE LH INSTRUMENT PANEL (AMM 31-10) LOCATED FORWARD OF LH INSTRUMENT PANEL	1-480278-0	1-480275-0
J701  P701 	PITCH TRIM CURRENT LIMITER TO FUSELAGE AFT HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS FLAP RELAYS (AMM 27-50) LOCATED ON WIRE HARNESS NEAR AFT RELAY PANEL	794012-1	1-480720-0
J702  P702 	PITCH TRIM CURRENT LIMITER TO FUSELAGE AFT HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS FLAP RELAYS (AMM 27-50) LOCATED ON WIRE HARNESS NEAR AFT RELAY PANEL	794012-1	1-480720-0

Figure 91-101
Contact Data (Sheet 39 of 82)

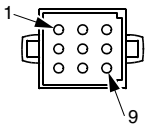
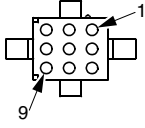
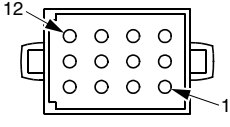
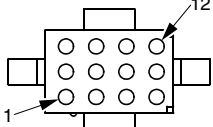
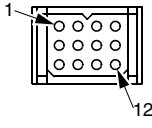
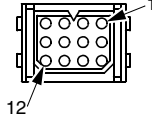
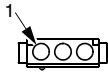
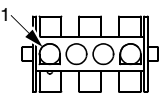
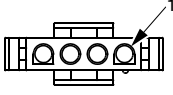
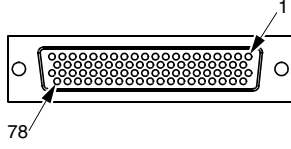
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
J703  P703 	TAWS TO ANNUNCIATOR CIRCUIT ASSEMBLY TO ACCESS REFERENCE PROCEDURE TO ACCESS ANNUNCIATOR (AMM 31-50) LOCATED FORWARD OF ANNUNCIATOR PANEL	1-480277-0	1-480274-0
J704  P704 	COPILOT YOKE TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE RH INSTRUMENT PANEL (AMM 31-10) LOCATED FORWARD OF RH INSTRUMENT PANEL	1-480278-0	1-480275-0
J705  P705 	ICE PROTECTION HARNESS TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE PILOT-SIDE KICK PLATE (AMM 25-10) LOCATED FORWARD OF PILOT-SIDE BOLSTER PANEL	PLC12M0000	PLC12F0000
P706 	METERING PUMP TO ICE PROTECTION HARNESS TO ACCESS REMOVE ACCESS PANEL CF4L (AMM 6-00) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20) ON METERING PUMP (AMM 30-05)	1-480305-0	
J707  P707 	ICE PROTECTION HARNESS TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE ACCESS PANEL CF3R (AMM 6-00) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20)	1-480703-0	1-480702-0
P709 	TAWS PROCESSOR TO TAWS ASSEMBLY HARNESS TO ACCESS REMOVE PILOT-SIDE KICK PLATE (AMM 25-10) LOCATED ON TAWS PROCESSOR (AMM 34-40) MOUNTED ON KICK PLATE		DD78F00GE0
P710 	HSI HARNESS TO SKYWATCH TRAFFIC HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS HSI (AMM 34-50) LOCATED FORWARD OF HSI	794012-1	1-480720-0

Figure 91-101
Contact Data (Sheet 40 of 82)

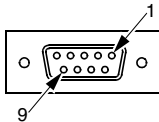
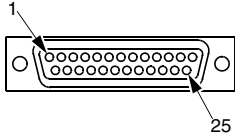
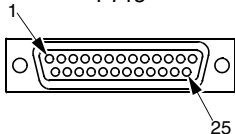
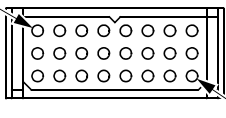
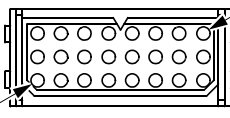
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
J710 	STORMSCOPE HARNESS TO SKYWATCH TRAFFIC HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS HSI (AMM 34-50) LOCATED FORWARD OF HSI	794012-1	1-480720-0
J710A 	SKYWATCH TRAFFIC HARNESS TO STORMSCOPE HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS HSI (AMM 34-50) LOCATED FORWARD OF HSI	794012-1	1-480720-0
P710A 	SKYWATCH TRAFFIC HARNESS TO HSI HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS HSI (AMM 34-50) LOCATED FORWARD OF HSI	794012-1	1-480720-0
P711 	STORMSCOPE UNIT TO STORMSCOPE AFT SUB ASSEMBLY HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS STORMSCOPE UNIT (AMM 34-40) LOCATED ON STORMSCOPE UNIT	PART OF RADIO	614A0022
P712 	STORMSCOPE UNIT TO STORMSCOPE AFT SUB ASSEMBLY HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS STORMSCOPE UNIT (AMM 34-40) LOCATED ON STORMSCOPE UNIT		614A0024
P713 	STORMSCOPE UNIT TO STORMSCOPE AFT SUB ASSEMBLY HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS STORMSCOPE UNIT (AMM 34-40) LOCATED ON STORMSCOPE UNIT		614A0024
J714  P714 	TAWS ASSEMBLY HARNESS TO NAVIGATION HARNESS TO ACCESS REMOVE MFD (AMM 31-60) LOCATED FORWARD LEFT OF MFD (AMM 21-20)	PLC24M0000	PLC24F0000

Figure 91-101
Contact Data (Sheet 41 of 82)

EFFECTIVITY:
All

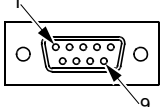
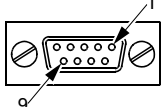
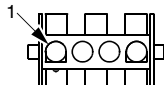
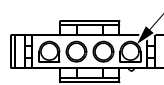
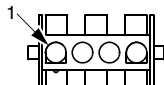
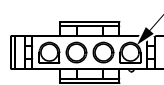
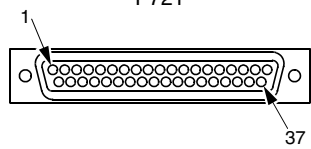
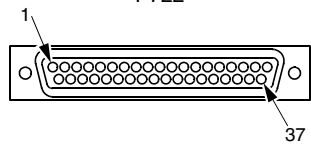
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
J715  P715 	TAWS DIAGNOSTIC CONNECTOR TO TAWS PROCESSOR TO ACCESS REMOVE PILOT-SIDE KICK PLATE (AMM 25-10) CAPPED AND STOWED NEAR TAWS PROCESSOR UNIT (AMM 34-40)	205204-4	205203-3
J716  P716 	TAWS PROCESSOR TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE GLARESHIELD ASSEMBLY (AMM 25-10) LOCATED FORWARD OF MFD NEAR CENTER OF WIRING RACK	1-480305-0	1-480303-0
J718  P718 	XM WEATHER HARNESS TO NAVIGATION HARNESS TO ACCESS REMOVE CO-PILOT KICK PLATE (AMM 25-10) LOCATED BEHIND CO-PILOT KICK PLATE	1-480703-0	1-480702-0
J719  P719 	SENSOR INTERFACE UNIT HARNESS TO NAVIGATION HARNESS TO ACCESS REMOVE CO-PILOT KICK PLATE (AMM 25-10) LOCATED BEHIND CO-PILOT KICK PLATE	1-480703-0	1-480702-0
J720  P720 	XMD RECEIVER HARNESS TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE CO-PILOT KICK PLATE (AMM 25-10) LOCATED BEHIND CO-PILOT KICK PLATE	794012-1	1-480720-0
P721 	HSI UNIT TO HSI HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS HSI UNIT (AMM 34-50) LOCATED ON HSI UNIT	PART OF RADIO	PART OF TRAY (INCL W/ TRAY)
P722 	HSI UNIT TO HSI HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS HSI UNIT (AMM 34-50) LOCATED ON HSI UNIT	PART OF RADIO	PART OF TRAY (INCL W/ TRAY)

Figure 91-101
Contact Data (Sheet 42 of 82)

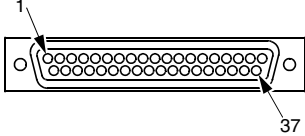
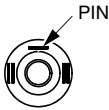
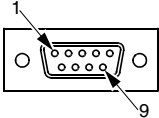
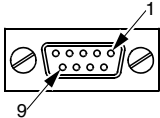
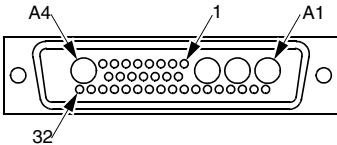
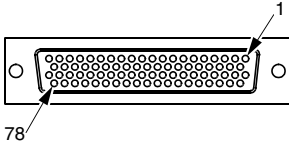
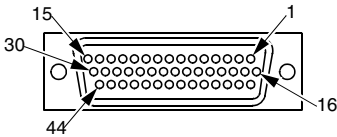
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
P723 	HSI UNIT TO HSI HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS HSI UNIT (AMM 34-50) LOCATED ON HSI UNIT	PART OF RADIO	PART OF TRAY (INCL W/ TRAY)
J724 	HSI UNIT DATA PORT TO HSI HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS HSI UNIT (AMM 34-50) LOCATED ON HSI UNIT	14B	
J725  P725 	ANNUNCIATOR CIRCUIT INTERCONNECT TO ACCESS REFERENCE PROCEDURE TO ACCESS ANNUNCIATOR (AMM 31-50) LOCATED FORWARD OF ANNUNCIATOR PANEL	1-480305-0	1-480303-0
J729  P729 	RIGHT WING HARNESS TO NAVIGATION HARNESS TO ACCESS REMOVE ACCESS PANEL CF2L (AMM 6-00) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20)	205204-4	205203-3
P730 	RIGHT WING HARNESS TO NAVIGATION HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS PFD (AMM 31-60) LOCATED ON PFD		CBC36W4F00GE0
P732 	RIGHT WING HARNESS TO NAVIGATION HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS PFD (AMM 31-60) LOCATED ON PFD		DD78F00GE0
P733 	RIGHT WING HARNESS TO NAVIGATION HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS PFD (AMM 31-60) LOCATED ON PFD		DD44F00GE0

Figure 91-101
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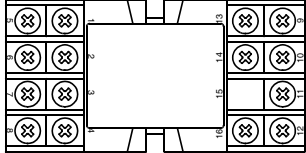
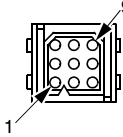
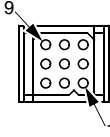
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
P734 	MAGNETOMETER TO RIGHT WING HARNESS TO ACCESS REMOVE ACCESS PANEL RW10 (AMM 6-00) LOCATED ON MAGNETOMETER (AMM 31-60)		MS3126F12-10S
P735 	PFD RELAY TO NAVIGATION HARNESS TO ACCESS REMOVE PFD (AMM 31-60) LOCATED ON PILOT-SIDE INBOARD CONSOLE RIB NEAR PFD		27E166
J789  P789 	XM RADIO HARNESS TO AUDIO HARNESS TO ACCESS REMOVE RADIO MODULE ASSEMBLY (AMM 25-10) LOCATED FORWARD AND ABOVE RADIO MODULE ASSEMBLY	PLC09M0000	PLC09F0000
J790  PIN	PILOT HEADSET TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE GLOVE BOX (AMM 25-10) TO ACCESS AUDIO JACKS (AMM 23-50) LOCATED ON PILOT HEADSET JACK	722A	ON HEADPHONE
J791  PIN	CO-PILOT HEADSET TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE GLOVE BOX (AMM 25-10) TO ACCESS AUDIO JACKS (AMM 23-50) LOCATED ON CO-PILOT HEADSET JACK	722A	ON HEADPHONE
J792  PIN	PASSENGER HEADSET TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE AFT CONSOLE REAR COVER (AMM 25-10) LOCATED ON PASSENGER AUDIO JACK (AMM 23-50)	722A	ON HEADPHONE
J793  PIN	PASSENGER HEADSET TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE AFT CONSOLE REAR COVER (AMM 25-10) LOCATED ON PASSENGER AUDIO JACK (AMM 23-50)	722A	ON HEADPHONE

Figure 91-101
Contact Data (Sheet 44 of 82)

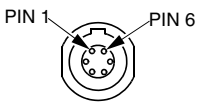
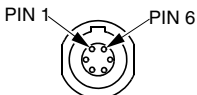
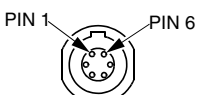
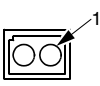
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
J794 	PILOT ANR HEADSET TO CENTER CONSOLE HARNESS TO ACCESS REMOVE GLOVE BOX (AMM 25-10) TO ACCESS AUDIO JACKS (AMM 23-50) LOCATED ON PILOT ANR JACK	PTG-MO-6NL-LC65N	
J795 	CO-PILOT ANR HEADSET TO CENTER CONSOLE HARNESS TO ACCESS REMOVE GLOVE BOX (AMM 25-10) TO ACCESS AUDIO JACKS (AMM 23-50) LOCATED ON CO-PILOT ANR JACK	PTG-MO-6NL-LC65N	
J796 	PASSENGER ANR HEADSET TO CENTER CONSOLE HARNESS TO ACCESS REMOVE GLOVE BOX (AMM 25-10) TO ACCESS AUDIO JACKS (AMM 23-50) LOCATED ON PASSENGER ANR JACK	PTG-MO-6NL-LC65N	
J797 	PASSENGER ANR HEADSET TO CENTER CONSOLE HARNESS TO ACCESS REMOVE GLOVE BOX (AMM 25-10) TO ACCESS AUDIO JACKS (AMM 23-50) LOCATED ON PASSENGER ANR JACK	PTG-MO-6NL-LC65N	
J799  P799 	AUDIO HARNESS TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE GLOVE BOX (AMM 25-10) TO ACCESS AUDIO JACKS (AMM 23-50) LOCATED ON CO-PILOT SIDE NEAR AUDIO JACK CONNECTORS	794012-1	1-480720-0
J800 	PILOT MICROPHONE TO CENTER CONSOLE HARNESS TO ACCESS REMOVE GLOVE BOX (AMM 25-10) TO ACCESS AUDIO JACKS (AMM 23-50) LOCATED ON PILOT MICROPHONE JACK	S12B	ON HEADPHONE
J810 	PILOT HEADPHONE TO CENTER CONSOLE HARNESS TO ACCESS REMOVE GLOVE BOX (AMM 25-10) TO ACCESS AUDIO JACKS (AMM 23-50) LOCATED ON PILOT HEADPHONE JACK	12B	ON HEADPHONE

Figure 91-101
Contact Data (Sheet 45 of 82)

EFFECTIVITY:
All

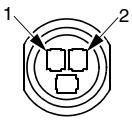
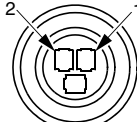
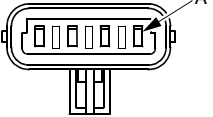
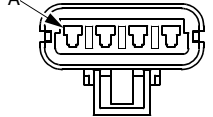
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
J820 	CO-PILOT MICROPHONE TO CENTER CONSOLE HARNESS TO ACCESS REMOVE GLOVE BOX (AMM 25-10) TO ACCESS AUDIO JACKS (AMM 23-50) LOCATED ON CO-PILOT MICROPHONE JACK	S12B	ON HEADPHONE
J830 	CO-PILOT HEADPHONE TO CENTER CONSOLE HARNESS TO ACCESS REMOVE GLOVE BOX (AMM 25-10) TO ACCESS AUDIO JACKS (AMM 23-50) LOCATED ON CO-PILOT HEADPHONE JACK	12B	ON HEADPHONE
J840 	PASSENGER MICROPHONE TO CENTER CONSOLE HARNESS TO ACCESS REMOVE AFT CONSOLE REAR COVER (AMM 25-10) LOCATED ON PASSENGER MICROPHONE JACK	S12B	ON HEADPHONE
J847  P847 	BATTERY 2 TO ENGINE MONITORING HARNESS TO ACCESS REMOVE ACCESS PANEL CF3L (AMM 6-00) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20)	206207-1	
J847  P847 	BATTERY 2 TO ENGINE MONITORING HARNESS TO ACCESS REMOVE ACCESS PANEL CF3L (AMM 6-00) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20)	12129600	12129565
J850 	PASSENGER MICROPHONE TO CENTER CONSOLE HARNESS TO ACCESS REMOVE AFT CONSOLE REAR COVER (AMM 25-10) LOCATED ON PASSENGER MICROPHONE JACK	S12B	ON HEADPHONE
J860 	PASSENGER HEADSET TO CENTER CONSOLE HARNESS TO ACCESS REMOVE AFT CONSOLE REAR COVER (AMM 25-10)) LOCATED ON PASSENGER HEADSET JACK	12B	ON HEADPHONE

Figure 91-101
Contact Data (Sheet 46 of 82)

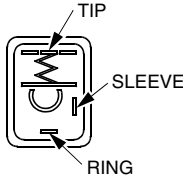
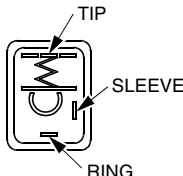
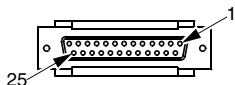
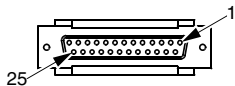
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
J870 	MUSIC/ENTERTAINMENT JACK TO CENTER CONSOLE HARNESS TO ACCESS REMOVE AFT CONSOLE REAR COVER (AMM 25-10) LOCATED ON PASSENGER HEADPHONE JACK	161-3502	ON HEADPHONE
J875 	TELEPHONE INPUT JACK TO AUDIO HARNESS TO ACCESS REMOVE AFT CONSOLE REAR COVER (AMM 25-10) LOCATED ON PHONE INPUT JACK (AMM 23-50)	161-7000-EX	
J880 	MUSIC/ENTERTAINMENT JACK TO CENTER CONSOLE HARNESS TO ACCESS REMOVE GLOVE BOX (AMM 25-10) TO ACCESS AUDIO JACKS (AMM 23-50) LOCATED ON PASSENGER HEADPHONE JACK	161-3502	ON HEADPHONE
J890 	PASSENGER HEADPHONE TO CENTER CONSOLE HARNESS TO ACCESS REMOVE GLOVE BOX (AMM 25-10) TO ACCESS AUDIO JACKS (AMM 23-50) LOCATED ON PASSENGER HEADPHONE JACK	12B	ON HEADPHONE
P900 	SENSOR INTERFACE UNIT TO ENGINE MONITORING CABIN HARNESS TO ACCESS REMOVE CO-PILOT SIDE KICK PLATE (AMM 25-10) LOCATED ON SENSOR INTERFACE UNIT (AMM 77-40)		207463-1
P901 	SENSOR INTERFACE UNIT TO ENGINE MONITORING CABIN HARNESS TO ACCESS REMOVE CO-PILOT SIDE KICK PLATE (AMM 25-10) LOCATED ON SENSOR INTERFACE UNIT (AMM 77-40)		207463-1

Figure 91-101
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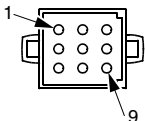
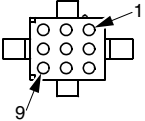
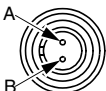
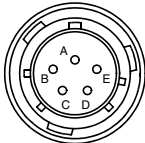
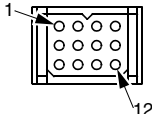
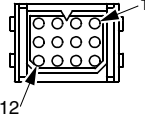
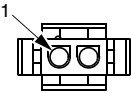
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
J903  P903 	FUSELAGE FORWARD HARNESS TO AVIDYNE ENGINE INSTRUMENT CABIN HARNESS TO ACCESS REMOVE CO-PILOT SIDE KICK PLATE (AMM 25-10) LOCATED NEAR SENSOR INTERFACE UNIT (AMM 77-40)	1-480277-0	1-480274-0
P905 	OAT SENSOR TO AVIDYNE ENGINE INSTRUMENT CABIN HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS OAT SENSOR (AMM 25-10) LOCATED ON OAT SENSOR		1-480303-0
P940 	FAN TO ECS HARNESS TO ACCESS REMOVE ACCESS PANEL CF2R (AMM 6-00) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20) ON FAN (AMM 21-20) OR EVAPORATOR (AMM 21-50) IF EQUIPPED		96J6254
P942 	AC COMPRESSOR TO FIREWALL FORWARD CO-PILOT HARNESS TO ACCESS REMOVE ENGINE COWLING (AMM 71-10) LOCATED ON AC COMPRESSOR UNIT (AMM 21-50)		82F9877
J943  P943 	AC RELAY PANEL HARNESS TO AC ASSEMBLY HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS AC RELAY PANEL (AMM 21-60) LOCATED NEAR AC RELAY PANEL	PLC12M0000	PLC12F0000
P944 	CONDENSER TO ECS HARNESS TO ACCESS REMOVE ACCESS PANEL CF5 (AMM 6-00) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20) ON CONDENSER (AMM 21-50)		82F9877
P945 	CONDENSER TO ECS HARNESS TO ACCESS REMOVE ACCESS PANEL CF5 (AMM 6-00) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20) ON CONDENSER (AMM 21-50)		46F2063

Figure 91-101
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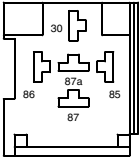
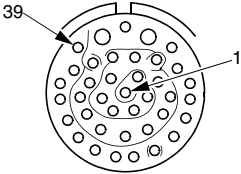
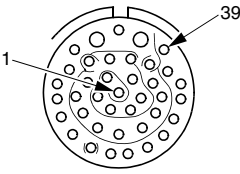
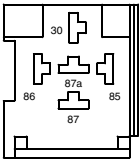
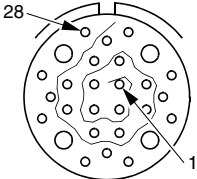
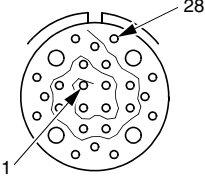
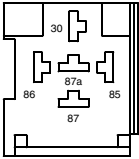
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
P949 	AC EVAPORATOR RELAY TO AC RELAY PANEL HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS AC RELAY PANEL (AMM 21-60) LOCATED ON AC RELAY PANEL	RELAY 0-332-209-204	3-334-485-008
J950  P950 	ENGINE MONITORING CABIN HARNESS TO ENGINE INSTRUMENTS FIREWALL FORWARD HARNESS TO ACCESS REMOVE GLARESHIELD ASSEMBLY (AMM 25-10) LOCATED ON UPPER CENTER FIREWALL	M83723/87G2039N	M83723/84K2039N
P950 	AC CONDENSER RELAY TO AC RELAY PANEL HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS AC RELAY PANEL (AMM 21-60) LOCATED ON OR NEAR AC RELAY PANEL	RELAY 0-332-209-204	3-334-485-008
J951  P951 	FIREWALL FORWARD HARNESS TO ENGINE MONITORING CABIN HARNESS TO ACCESS REMOVE GLARESHIELD ASSEMBLY (AMM 25-10) LOCATED ON UPPER CENTER FIREWALL	M83723/86G2028N	M83723/85K2028N
P952 	AC COMPRESSOR RELAY TO AC RELAY PANEL HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS AC RELAY PANEL (AMM 21-60) LOCATED ON AC RELAY PANEL	RELAY 0-332-209-204	3-334-485-008

Figure 91-101
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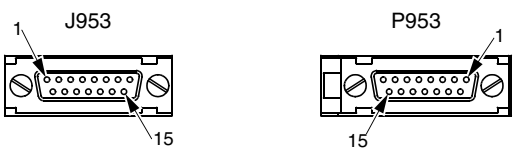
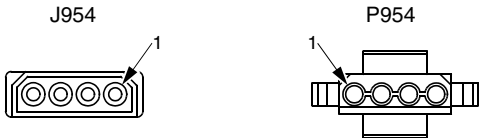
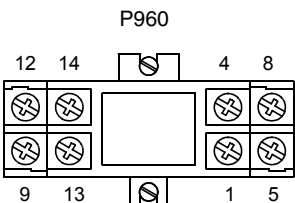
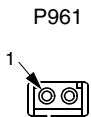
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
	AC CONTROL PANEL TO AC ASSEMBLY HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS AC CONTROL PANEL (AMM 21-60) LOCATED NEAR AC CONTROL PANEL	RD15M0S50V5Z	RD15F00JVLX
	AC EVAPORATOR TO AC ASSEMBLY HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS AC EVAPORATOR (AMM 21-50) LOCATED ON AC EVAPORATOR	1-480426-0	1-480425-0
	A/C COMPRESSOR TO ENGINE MONITORING HARNESS TO ACCESS REMOVE GLARESHIELD ASSEMBLY (AMM 25-10) LOCATED FORWARD OF MFD NEAR CENTER OF WIRING RACK	794012-1	1-480720-0
	SKYWATCH HARNESS TO FUSELAGE FORWARD HARNESS TO ACCESS OPEN CIRCUIT BREAKER PANEL (AMM 24-50) OR REMOVE MID CONSOLE TRIM PANEL (AMM 25-10) LOCATED INBOARD, FORWARD AND ABOVE CIRCUIT BREAKER PANEL (AMM 24-50)	794012-1	1-480720-0
	MODEL ID JUMPER TO DATA ACQUISITION UNIT TO ACCESS REFERENCE PROCEDURE TO ACCESS DATA ACQUISITION UNIT (AMM 77-40) LOCATED ON DATA ACQUISITION UNIT	1-480305-0	1-480303-0
	AC CONTROL PANEL RELAY TO AC ASSEMBLY HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS AC CONTROL PANEL (AMM 21-60) LOCATED ON AC CONTROL PANEL	RELAY K10P11D1524	27E487
	EVAPORATOR TO ECS HARNESS TO ACCESS REMOVE ACCESS PANEL CF2R (AMM 6-00) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20) ON EVAPORATOR (AMM 21-50)		1-480720-0

Figure 91-101
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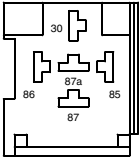
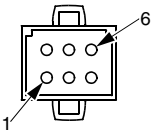
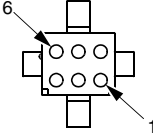
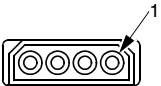
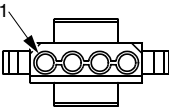
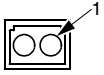
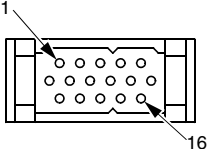
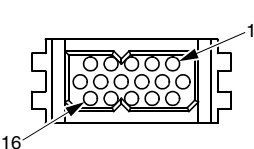
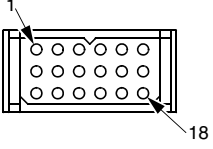
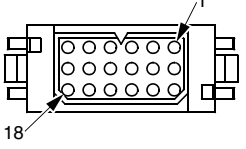
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
P963 	AC LED RELAY TO AC RELAY PANEL HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS AC RELAY PANEL (AMM 21-60) LOCATED ON AC RELAY PANEL	RELAY 0-332-209-204	3-334-485-008
J970  P970 	CABIN AIR CONTROL ASSEMBLY TO AIR CONDITIONING HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS CABIN AIR CONTROL ASSEMBLY (AMM 21-60) LOCATED FORWARD OF CABIN AIR CONTROL ASSEMBLY	1-480276-0	1-480273-0
J972  P972 	EVAPORATOR FAN RELAY TO AIR CONDITIONING HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS CABIN AIR CONTROL ASSEMBLY (AMM 21-60) LOCATED FORWARD OF CABIN AIR CONTROL ASSEMBLY	1-480426-0	1-480425-0
J975  P975 	ANNUNCIATOR TO AIR CONDITIONING HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS ANNUNCIATOR (AMM 31-50) LOCATED FORWARD OF ANNUNCIATOR	794012-1	1-480720-0
J978  P978 	ENGINE MONITORING HARNESS TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE GLARESHIELD ASSEMBLY (AMM 25-10) LOCATED FORWARD OF PFD ON WIRE RACK	DF16M00	DF16F00
J979  P979 	ENGINE MONITORING HARNESS TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE GLARESHIELD ASSEMBLY (AMM 25-10) LOCATED FORWARD OF RH INSTRUMENT PANEL NEAR WIRING RACK	PLC18M0000	PLC18F0000

Figure 91-101
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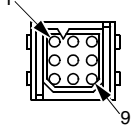
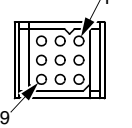
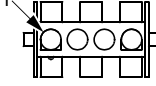
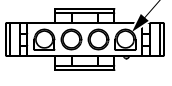
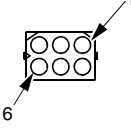
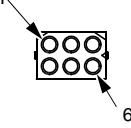
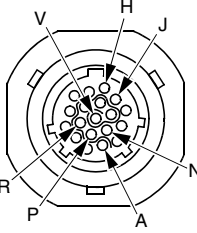
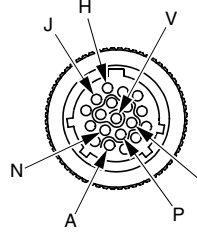
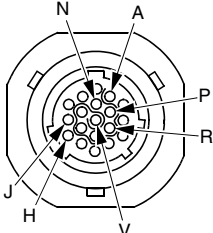
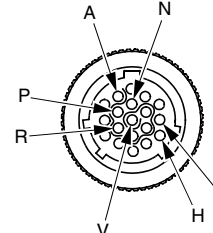
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
J980  P980 	CIRCUIT BREAKER PANEL HARNESS TO ENGINE MONITORING HARNESS TO ACCESS OPEN CIRCUIT BREAKER PANEL (AMM 24-50) OR REMOVE MID CONSOLE TRIM PANEL (AMM 25-10) LOCATED INBOARD, FORWARD AND ABOVE CIRCUIT BREAKER PANEL (AMM 24-50)	PLC9M0000	PLC09F0000
J982  P982 	GO AROUND SWITCH HARNESS TO NAVIGATION HARNESS TO ACCESS OPEN CIRCUIT BREAKER PANEL (AMM 24-50) OR REMOVE MID CONSOLE TRIM PANEL (AMM 25-10) LOCATED INBOARD, AND ABOVE CIRCUIT BREAKER PANEL	794012-1	1-480720-0
J1005  P1005 	CONDENSER TO ECS HARNESS TO ACCESS REMOVE ACCESS PANEL CF3R (AMM 6-00) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20)	1-480703-0	1-480702-0
J1012  P1012 	STALL WARNING DISCONNECT TO AUTOPILOT HARNESS TO ACCESS REMOVE GLARESHIELD ASSEMBLY (AMM 25-10) LOCATED FORWARD OF MFD NEAR STALL HORN PANEL	39326-4	34233
J1014  P1014 	ENGINE MONITORING CABIN HARNESS TO FIREWALL FORWARD ENGINE HARNESS TO ACCESS REMOVE GLARESHIELD ASSEMBLY (AMM 25-10) LOCATED ON FIREWALL NEAR TOP CENTER	CP11656-1	MS3475L14-19SN
J1015  P1015 	ENGINE MONITORING CABIN HARNESS TO FIREWALL FORWARD ENGINE HARNESS TO ACCESS REMOVE GLARESHIELD ASSEMBLY (AMM 25-10) LOCATED ON FIREWALL NEAR TOP CENTER	CP11656-2	MS3475L14-19SW

Figure 91-101
Contact Data (Sheet 52 of 82)

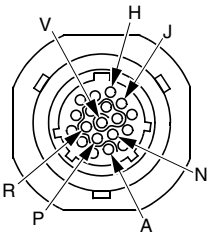
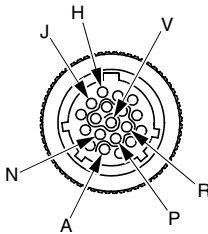
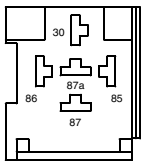
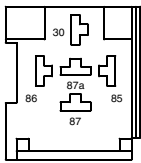
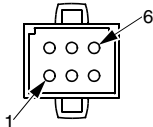
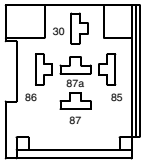
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
J1016  P1016 	ENGINE MONITORING CABIN HARNESS TO FIREWALL FORWARD ENGINE HARNESS TO ACCESS REMOVE GLARESHIELD ASSEMBLY (AMM 25-10) LOCATED ON FIREWALL NEAR TOP CENTER	CP11656-3	MS3475L14-19SX
P1020 	PITOT HEAT RELAY TO FUSELAGE FORWARD HARNESS TO ACCESS OPEN CIRCUIT BREAKER PANEL (AMM 24-50) OR REMOVE MID CONSOLE TRIM PANEL (AMM 25-10) LOCATED INBOARD, FORWARD AND ABOVE CIRCUIT BREAKER PANEL (AMM 24-50)	RELAY 0-332-209-204	3-334-485-008
P1021 	AVIONICS NON-ESSENTIAL RELAY TO FUSELAGE FORWARD HARNESS TO ACCESS OPEN CIRCUIT BREAKER PANEL (AMM 24-50) OR REMOVE MID CONSOLE TRIM PANEL (AMM 25-10) LOCATED INBOARD, FORWARD AND ABOVE CIRCUIT BREAKER PANEL (AMM 24-50)	RELAY 0-332-209-204	3-334-485-008
J1022 	O2 SYSTEM TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE AFT CONSOLE TRIM PANEL (AMM 25-10) LOCATED BELOW ENGINE CONTROL PANEL NEAR FUEL SELECTOR VALVE (AMM 28-20)	1-480276-0	
P1024 	LANDING LIGHT RELAY TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE PILOT KICK PLATE (AMM 25-10) LOCATED NEAR DIMMER CIRCUIT CARD (AMM 33-10)	RELAY 0-332-209-204	3-334-485-008

Figure 91-101
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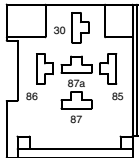
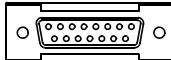
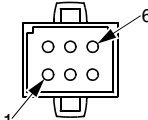
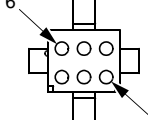
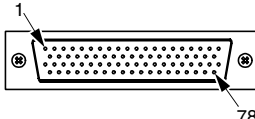
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N	
P1025 	HOBBS METER #2 RELAY TO FUSELAGE FORWARD HARNESS TO ACCESS OPEN CIRCUIT BREAKER PANEL (AMM 24-50) OR REMOVE MID CONSOLE TRIM PANEL (AMM 25-10) LOCATED NEAR AFT TRANSIENT VOLTAGE SUPPRESSOR (AMM 24-50)	RELAY 0-332-209-204	3-334-485-008	
P1026 	ELT REMOTE SWITCH TO ELT HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS ELT RCPI (AMM 25-60) LOCATED ON ELT RCPI		PART OF ELT	
P1027 	ELT TO ELT HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS ELT (AMM 25-60) LOCATED ON ELT		PART OF ELT	
J1028 	P1028 	PARKING BRAKE POSITION SENSOR TO ENGINE MONITORING CABIN HARNESS TO ACCESS REMOVE PILOT KICK PLATE (AMM 25-10) LOCATED NEAR PARKING BRAKE VALVE (AMM 32-42)	794012-1	1-480720-0
J1029 	P1029 	ELT HARNESS INTERCONNECT BETWEEN ELT REMOTE SWITCH AND ELT TO ACCESS REMOVE GLARESHIELD ASSEMBLY (AMM 25-10) LOCATED PILOT SIDE ON WIRING RACK	1-480276-0	1-480273-0
P1030 	ELT REMOTE SWITCH TO ELT HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS ELT RCPI (AMM 25-60) LOCATED ON ELT RCPI		RJ-11	
P1031 	ELT TO ELT HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS ELT (AMM 25-60) LOCATED ON ELT		RJ-11	
J1033 	GEA 71 TO ENGINE MONITORING CABIN HARNESS TO ACCESS REMOVE GLARESHIELD ASSEMBLY (AMM 25-10) LOCATED FORWARD OF MFD ON GEA 71 ENGINE AIRFRAME UNIT (AMM 77-40)	330-00185-78		

Figure 91-101
Contact Data (Sheet 54 of 82)

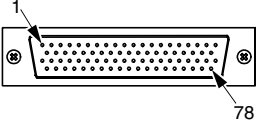
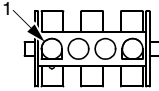
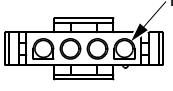
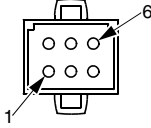
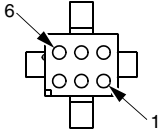
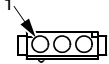
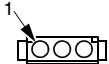
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
J1034 	GEA 71 TO ENGINE MONITORING CABIN HARNESS TO ACCESS REMOVE GLARESHIELD ASSEMBLY (AMM 25-10) LOCATED FORWARD OF MFD ON GEA 71 ENGINE AIRFRAME UNIT (AMM 77-40)	330-00185-78	
P1035 	FADEC TO BATTERY 2 ASSEMBLY TO ACCESS REFERENCE PROCEDURE TO ACCESS BATTERY 2 ASSEMBLY (AMM 24-30) INACTIVE CAPPED AND STOWED LOCATED ON BATTERY 2 ASSEMBLY	1-480720-0	
J1040  P1040 	FUSELAGE FORWARD HARNESS TO AIR CONDITIONING HARNESS TO ACCESS OPEN CIRCUIT BREAKER PANEL (AMM 24-50) OR REMOVE MID CONSOLE TRIM PANEL (AMM 25-10) LOCATED IN CENTER CONSOLE	1-480703-0	1-480702-0
J1041  P1041 	A/C CONTROL PANEL HARNESS TO AIR CONDITIONING HARNESS TO ACCESS REMOVE GLARESHIELD ASSEMBLY (AMM 25-10) LOCATED FORWARD OF CABIN AIR CONTROL PANEL (AMM 21-60)	1-480276-0	1-480273-0
J1043  P1043 	EVAPORATOR TO ECS HARNESS TO ACCESS REMOVE ACCESS PANEL CF2R (AMM 6-00) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20) ON EVAPORATOR (AMM 21-50)	1-480303-0	1-480305-0
J1044  P1044 	CABIN AIR COUPLER MOTOR TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE CO-PILOT KICK PLATE (AMM 25-10) LOCATED ON CABIN AIR COUPLER (AMM 21-40)	1-480303-0	1-480305-0
J1045 	CAPS HANDLE SENSOR TO INTERIOR LIGHTING HARNESS TO ACCESS REMOVE HEADLINER (AMM 25-10) LOCATED NEAR CABIN DOME LIGHT (AMM 33-10)	794012-1	

Figure 91-101
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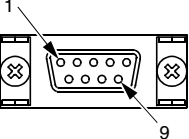
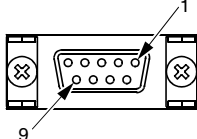
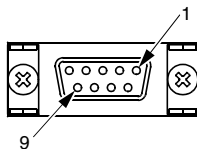
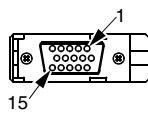
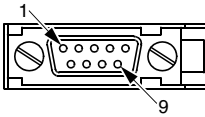
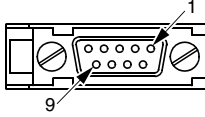
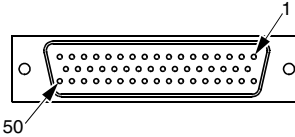
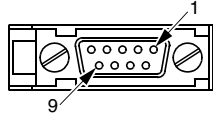
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
J1046 	CAPS ROCKET SENSOR TO FUSELAGE AFT HARNESS TO ACCESS REMOVE ACCESS PANEL CB7 (AMM 53-20) LOCATED ON EXTERIOR OF ROCKET SHIELD (CMM 95-01)	794012-1	
J1047  P1047 	NAVIGATION HARNESS TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE CO-PILOT KICK PLATE (AMM 25-10) LOCATED BETWEEN CONSOLE RIBS ON CO-PILOT SIDE	RD9M10GVLZ	RD9F10GV3X
P1048 	RECOVERABLE DATA MODULE TO FUSELAGE AFT HARNESS TO ACCESS REMOVE ACCESS PANEL RE2 (AMM 53-20) LOCATED FORWARD OF BULKHEAD 306 NEAR RDM (AMM 31-30)	PRT OF RDM	RD9F00JVLX
P1048 	RECOVERABLE DATA MODULE TO FUSELAGE AFT HARNESS TO ACCESS REMOVE ACCESS PANEL RE2 (AMM 53-20) LOCATED FORWARD OF BULKHEAD 306 NEAR RDM (AMM 31-30)	PRT OF RDM	DD15F0000X
J1049  P1049 	FUSELAGE FORWARD HARNESS TO FUSELAGE AFT HARNESS TO ACCESS REMOVE ACCESS PANEL CF3R (AMM 6-00) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20)	RD9M0000X	RD9F00JVLX
J1050 	DATA TRANSFER UNIT TO FUSELAGE FORWARD HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS DATA TRANSFER UNIT (AMM 31-30) LOCATED ON DATA TRANSFER UNIT	205564-2	
P1051 	DATA PORT TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE GLOVE BOX (AMM 25-10) LOCATED BELOW GLOVE BOX STOWED AWAY FROM FUEL LINES		RD9F00JVLX

Figure 91-101
Contact Data (Sheet 56 of 82)

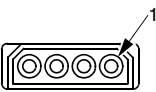
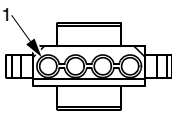
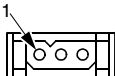
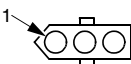
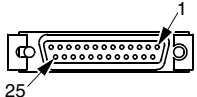
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
J1052  P1052 	EL INVERTER TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE PILOT KICK PLATE (AMM 25-10) LOCATED NEAR EL VOLTAGE INVERTER (AMM 31-10)	1-480426-0	1-480425-0
J1053 	BOLSTER SWITCH PANEL TO FUSELAGE FORWARD HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS BOLSTER SWITCH PANEL (AMM 24-50) LOCATED ON BOLSTER SWITCH PANEL	PLA03M0000	
P1057 	AVIONICS COOLING FAN TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE PILOT KICK PLATE (AMM 25-10) LOCATED ON AVIONICS COOLING FAN (AMM 21-20)		59F1798
P1059 	GROUND PLATE (CABIN) TO GROUND BUS BAR (ENGINE COMPARTMENT) TO ACCESS REMOVE CO-PILOT KICK PLATE (AMM 25-10) LOCATED ON FIREWALL		GMCT34F000000
P1072 	FLAP SWITCH PANEL TO FIREWALL FORWARD HARNESS TO ACCESS REMOVE FLAPS SWITCH PANEL (AMM 27-50) LOCATED ON FLAPS SWITCH PANEL		5205207-1
P1073 	PFD COOLING FAN TO NAVIGATION HARNESS TO ACCESS REMOVE PFD (AMM 31-60) LOCATED FORWARD RIGHT OF PFD (AMM 21-20)		1-480303-0
P1073 	RDM DATA PORT TO FUSELAGE AFT HARNESS TO ACCESS REMOVE ACCESS PANEL RE3 (AMM 6-00) LOCATED BEHIND FUSELAGE ACCESS PANEL		WPUSBAF
P1074 	MFD COOLING FAN TO NAVIGATION HARNESS TO ACCESS REMOVE MFD (AMM 31-60) LOCATED FORWARD RIGHT OF MFD (AMM 21-20)		1-480303-0

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EFFECTIVITY:
All

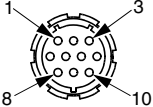
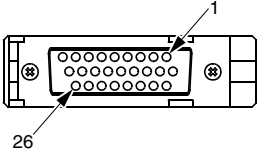
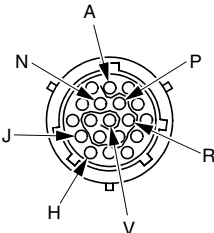
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
P1083 	EVS CAMERA TO EVS HARNESS TO ACCESS REMOVE ACCESS PANEL LW5 (AMM 6-00) LOCATED BEHIND WING ACCESS PANEL (AMM 53-20) NEAR EVS CAMERA (AMM 93-50)		801-007-16M7-10SA
P1087 	GROUND PLATE TO FUSELAGE AFT HARNESS TO ACCESS REMOVE ACCESS PANEL CF3R (AMM 6-00) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20) ON RIGHT SIDE LONGERON NEAR FLAP RELAY (AMM 27-10)		GMCT14F000000
P1109 	GROUND PLATE TO FUSELAGE AFT HARNESS TO ACCESS REMOVE ACCESS PANEL CF4R (AMM 6-00) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20) ON RIGHT SIDE LONGERON NEAR TKS TIMER BOX (AMM 30-07)		GMCT14F000000
P1110 	PITCH TRIM ADAPTER TO FUSELAGE AFT HARNESS TO ACCESS REMOVE ACCESS PANEL CF4R (AMM 6-00) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20) ON RIGHT SIDE LONGERON ON PITCH TRIM ADAPTER (AMM 22-10)		011-01030-01
J1111 	PITCH SERVO TO FUSELAGE AFT HARNESS TO ACCESS REMOVE ACCESS PANEL CF5 (AMM 6-00) AND CONDENSER IF EQUIPPED (AMM 21-50) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20) ON PITCH SERVO MOTOR (AMM 22-10)	011-01027-00	

Figure 91-101
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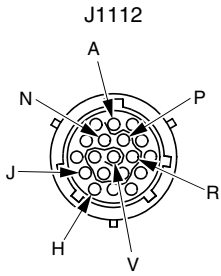
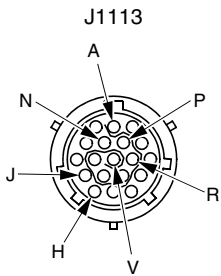
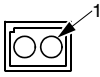
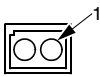
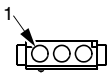
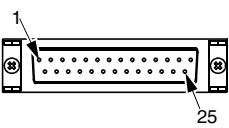
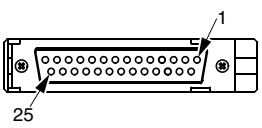
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
 J1112	ROLL SERVO TO FUSELAGE AFT HARNESS TO ACCESS REMOVE ACCESS PANEL CF5 (AMM 6-00) AND CONDENSER IF EQUIPPED (AMM 21-50) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20) ON ROLL SERVO (AMM 22-10)	011-01027-00	
 J1113	YAW SERVO TO FUSELAGE AFT HARNESS TO ACCESS REMOVE ACCESS PANEL RE3 (AMM 6-00) LOCATED ON YAW SERVO (AMM 22-10)	011-01027-00	
 J1148  P1148	CABIN DOME LIGHT SWITCH TO INTERIOR LIGHTING HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS CABIN DOME LIGHT (AMM 24-50) LOCATED NEAR CABIN DOME LIGHT	794012-1	1-480720-0
 J1156  P1156	PHOTOTRANSISTOR ON GLARESHIELD TO FLIGHT DIRECTOR HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS FLIGHT DIRECTOR (AMM 22-11) LOCATED NEAR GLARESHIELD MOUNTED PHOTOTRANSISTOR	794012-1	1-480720-0
 P1165	AVIDYNE TWX STC TO TRAFFIC HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS GTS 800 LRU (AMM 34-40) INACTIVE CAPPED AND STOWED LOCATED NEAR GTS 800 LRU		1-480303-0
 J1168  P1168	NAVIGATION HARNESS TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE ACCESS PANEL CF3R (AMM 6-00) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20)	RD25M0000Z	RD25F0000X

Figure 91-101
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EFFECTIVITY:
All

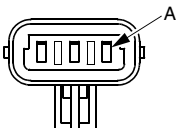
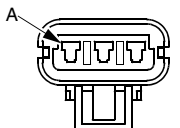
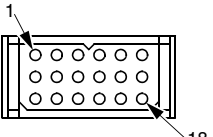
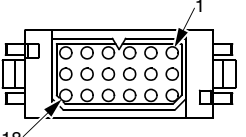
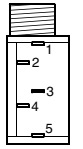
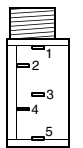
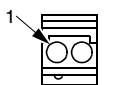
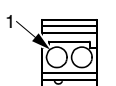
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
J1169  P1169 	BATTERY 2 TO BATTERY 2 HARNESS TO ACCESS REMOVE ACCESS PANEL RE3 (AMM 6-00) LOCATED ON BAT 2 SHELF NEAR BATTERY 2 (AMM 24-30)	15300003	12040977
J1178  P1178 	ENGINE MONITORING HARNESS TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE GLARESHIELD ASSEMBLY (AMM 25-10) LOCATED FORWARD OF PFD ON WIRE RACK	PLC18M0000	PLC18F0000
J1180  P1180 	ECS TEMPERATURE SENSOR TO ECS HARNESS TO ACCESS REMOVE CO-PILOT KICK PLATE (AMM 25-10) LOCATED NEAR CABIN AIR COUPLER (AMM 21-40)	794012-1	1-480720-0
J1181 	ENTERTAINMENT #1 TO CENTER CONSOLE HARNESS TO ACCESS REMOVE AFT CONSOLE REAR COVER (AMM 25-10) LOCATED ON PASSENGER AUDIO JACK (AMM 23-50)	161-354W-SG-EX	ON HEADPHONE
J1182 	ENTERTAINMENT #2 TO CENTER CONSOLE HARNESS TO ACCESS REMOVE AFT CONSOLE REAR COVER (AMM 25-10) LOCATED ON PASSENGER AUDIO JACK (AMM 23-50)	161-354W-SG-EX	ON HEADPHONE
P1190 	LANDING GEAR SIMULATOR GEAR SWITCH TO LGS HARNESS TO ACCESS REMOVE AFT CONSOLE TRIM PANEL (AMM 25-10) LOCATED ON LGS PILOT INTERFACE PANEL (AMM 115-00)		1-480720-0
P1191 	LANDING GEAR SIMULATOR GEAR HORN TO LGS WARNING HORN HARNESS TO ACCESS REMOVE CO-PILOT KICK PLATE (AMM 25-10) LOCATED ON LGS WARNING HORN (AMM 115-00)		1-480720-0

Figure 91-101
Contact Data (Sheet 60 of 82)

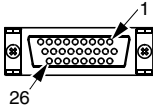
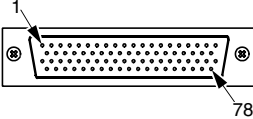
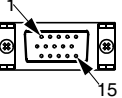
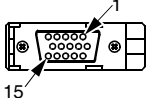
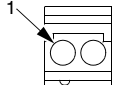
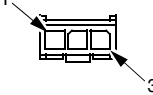
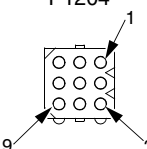
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
P1192 	LANDING GEAR SIMULATOR LOGIC CONTROL UNIT TO LGS HARNESS TO ACCESS REMOVE AFT CONSOLE TRIM PANEL (AMM 25-10) LOCATED ON LGS LOGIC CONTROL UNIT (AMM 115-00)		DD26F0000X
P1193 	LANDING GEAR SIMULATOR PILOT INTERFACE TO LGS HARNESS TO ACCESS REMOVE AFT CONSOLE TRIM PANEL (AMM 25-10) LOCATED ON LGS PILOT INTERFACE PANEL (AMM 115-00)		10120-3000-PE
J1194 	GDL 88 UAT TO UAT HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS GDL 88 UAT (AMM 34-40) LOCATED ON GDL 88 UAT LRU	PART OF GDL 88 UAT	
J1195  P1195 	UAT HARNESS TO NAVIGATION HARNESS TO ACCESS OPEN CIRCUIT BREAKER PANEL (AMM 24-50) OR REMOVE MID CONSOLE TRIM PANEL (AMM 25-10) LOCATED INBOARD OF CIRCUIT BREAKER PANEL	51991-015	51993-015
J1196  P1196 	UAT HARNESS TO FUSELAGE FORWARD HARNESS TO ACCESS OPEN CIRCUIT BREAKER PANEL (AMM 24-50) OR REMOVE MID CONSOLE TRIM PANEL (AMM 25-10) LOCATED INBOARD OF CIRCUIT BREAKER PANEL	50158-002	50159-002
J1197 	UAT FAN UAT HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS GDL 88 UAT (AMM 34-40) LOCATED ON GDL 88 UAT LRU	PART OF GDL 88 UAT	
P1204 	EMERGENCY LOCATOR TRANSMITTER CABIN SWITCH TO ELT HARNESS ACCESS BY LOCATING ELT REMOTE CONTROL PANEL INDICATOR (AMM 25-60) LOCATED ON ELT REMOTE CONTROL PANEL INDICATOR	151-5009	

Figure 91-101
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EFFECTIVITY:
All

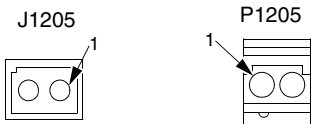
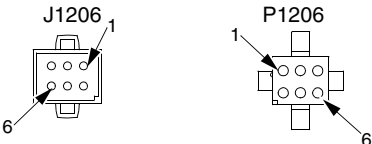
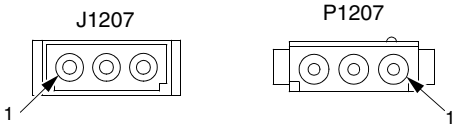
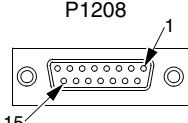
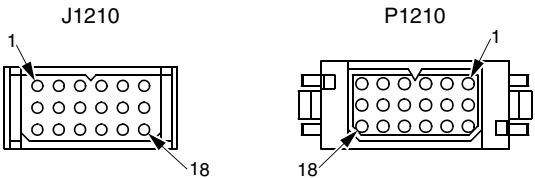
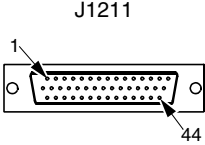
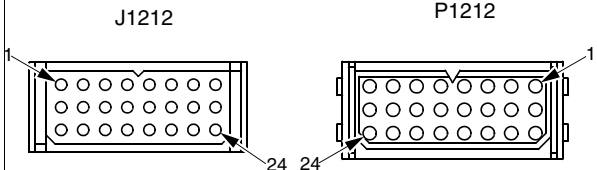
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
	ELT HARNESS TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE GLARESHIELD ASSEMBLY (AMM 25-10) LOCATED FORWARD OF PFD ON WIRE RACK	794012-1	1-480720-0
	ELT HARNESS INTERCONNECT TO ACCESS REMOVE LH INSTRUMENT PANEL (AMM 31-10) LOCATED FORWARD OF LH INSTRUMENT PANEL	1-480276-0	1-480273-0
	ELT HARNESS TO NAVIGATION HARNESS TO ACCESS REMOVE GLARESHIELD ASSEMBLY (AMM 25-10) LOCATED FORWARD OF PFD ON WIRE RACK	1-480305-0	1-480303-0
	ELT 1000 TO ELT HARNESS TO ACCESS REMOVE ACCESS PANEL CB6 (AMM 6-00) LOCATED ON ELT 1000 TRANSMITTER UNIT (AMM 25-60)		150-1127
	FUSELAGE FORWARD HARNESS TO CENTER CONSOLE HARNESS TO ACCESS REMOVE FLIGHT MANAGEMENT SYSTEM KEYBOARD (AMM 34-60) LOCATED FORWARD OF FMS KEYBOARD AND BELOW AVIONICS SHELF	PLC18M0000	PLC18F0000
	CONVENIENCE SYSTEM CONTREROLLER TO CONVENIENCE SYSTEM HARNESS TO ACCESS REMOVE ACCESS PANEL CF4R (AMM 6-00) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20) ON CONVENIENCE SYSTEM CONTREROLLER (AMM 24-50)	164X11969X	
	HALO LIGHTS CONTER- OLLER TO CONVENIENCE SYSTEM HARNESS TO ACCESS REMOVE ACCESS PANEL CF4R (AMM 6-00) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20) ON HALO LIGHTS CONTREROLLER TO (AMM 24-50)	PLC24M0000	PLC24F0000

Figure 91-101
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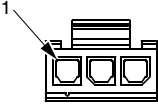
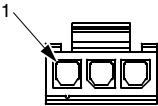
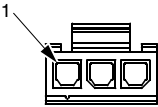
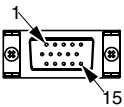
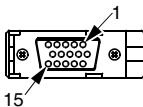
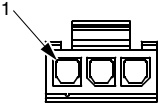
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
P1213 	BAGGAGE LIGHT CONTROLLER TO CONVENIENCE SYSTEM HARNESS TO ACCESS REMOVE HEADLINER (AMM 25-10) LOCATED NEAR BAGGAGE LIGHTS (AMM 33-30)		43645-0300
P1214 	BAGGAGE LIGHT CONTROLLER TO BAGGAGE LIGHTS TO ACCESS REMOVE HEADLINER (AMM 25-10) LOCATED NEAR BAGGAGE LIGHT (AMM 33-30)		43645-0200
P1215 	BAGGAGE LIGHT SWITCH TO CONVENIENCE SYSTEM HARNESS TO ACCESS REMOVE RIGHT REAR HEADLINER (AMM 25-10) LOCATED ON BAGGAGE DOOR PROXIMITY SENSOR (AMM 52-30)		1-480720-0
P1216 	PILOT AFT FOOTWELL LIGHT CONTROLLER TO CONVENIENCE SYSTEM HARNESS TO ACCESS REMOVE LEFT REAR CABIN SIDE TRIM PANEL (AMM 25-10) LOCATED NEAR PILOT SIDE PASSENGER FOOTWELL LIGHT (AMM 33-20)		43645-0300
P1218 	CO-PILOT AFT FOOTWELL LIGHT CONTROLLER TO CONVENIENCE SYSTEM HARNESS TO ACCESS REMOVE RIGHT REAR CABIN SIDE TRIM PANEL (AMM 25-10) LOCATED NEAR CO-PILOT SIDE PASSENGER FOOTWELL LIGHT (AMM 33-20)		43645-0300
J1220 	P1220 	DD15M0000Z	DD15F0000X
P1223 	AFT FOOTWELL LIGHT CONTROLLER TO CONVENIENCE SYSTEM HARNESS TO ACCESS REMOVE AFT CONSOLE REAR COVER (AMM 25-10) LOCATED FORWARD OF STANDBY INSTRUMENTS PANEL		43645-0300

Figure 91-101
Contact Data (Sheet 63 of 82)

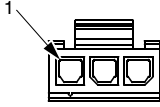
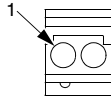
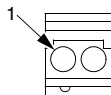
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
P1225 	FWD FOOTWELL CONTROLLER TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE PILOT KICK PLATE (AMM 25-10) LOCATED FORWARD OF STANDBY INSTRUMENTS PANEL (AMM 34-20)		43645-0300
P1226 	FWD FOOTWELL CONTROLLER TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE PILOT KICK PLATE (AMM 25-10) LOCATED FORWARD OF STANDBY INSTRUMENTS PANEL (AMM 34-20)		43645-0200
J1227 	PILOT FOOTWELL LIGHTS TO FWD FOOTWELL LIGHTS CONTROLLER TO ACCESS REMOVE PILOT KICK PLATE (AMM 25-10) LOCATED ON PILOT FOOTWELL LIGHT (AMM 33-10)	43640-0201	
J1228 	CO-PILOT FOOTWELL LIGHTS TO FWD FOOTWELL LIGHTS CONTROLLER TO ACCESS REMOVE CO-PILOT KICK PLATE (AMM 25-10) LOCATED ON CO-PILOT FOOTWELL LIGHT (AMM 33-10)	43640-0201	
P1235 	PILOT DOOR SWITCH TO CONVENIENCE SYSTEM HARNESS TO ACCESS REMOVE SIDEWALL AIR DUCT TRIM PANEL (AMM 25-10) LOCATED ON CABIN DOOR PROXIMITY SENSOR (AMM 52-10)		1-480720-0
P1236 	CO-PILOT DOOR SWITCH TO CONVENIENCE SYSTEM HARNESS TO ACCESS REMOVE SIDEWALL AIR DUCT TRIM PANEL (AMM 25-10) LOCATED ON CABIN DOOR PROXIMITY SENSOR (AMM 52-10)		1-480720-0

Figure 91-101
Contact Data (Sheet 64 of 82)

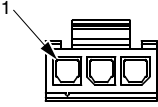
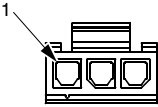
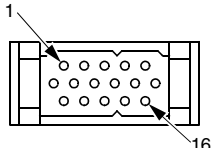
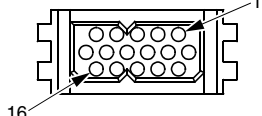
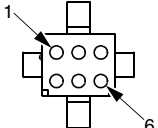
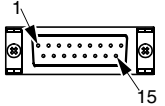
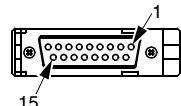
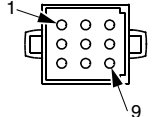
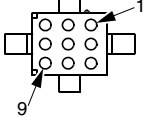
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
P1237 	PILOT ENTRY STEP LIGHT CONTROLLER TO CONVENIENCE SYSTEM HARNESS TO ACCESS REMOVE ACCESS PANEL CF5 (AMM 6-00) AND CONDENSER IF EQUIPPED (AMM 21-50) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20) NEAR ENTRY STEP LIGHT (AMM 33-40)		43645-0300
P1239 	CO-PILOT ENTRY STEP LIGHT TO CO-PILOT ENTRY STEP LIGHT CONTROLLER TO ACCESS REMOVE ACCESS PANEL CF5 (AMM 6-00) AND CONDENSER IF EQUIPPED (AMM 21-50) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20) ON ENTRY STEP LIGHT (AMM 33-40)		43645-0300
J1243  P1243 	NAVIGATION HARNESS TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE GLARESHIELD ASSEMBLY (AMM 25-10) LOCATED CENTER ON WIRING RACK	DF16M00	DF16F00
P1246 	REVERSIONARY SWITCH TO NAVIGATION HARNESS TO ACCESS REMOVE GLARESHIELD ASSEMBLY (AMM 25-10) LOCATED FORWARD OF REVERSIONARY SWITCH (AMM 31-60)		1-480273-0
J1247  P1247 	ENGINE MONITORING HARNESS TO NAVIGATION HARNESS TO ACCESS REMOVE GLARESHIELD ASSEMBLY (AMM 25-10) LOCATED FORWARD OF RH INSTRUMENT PANEL ON WIRING RACK	RD15M0000Z	RD15F0000X
J1249  P1249 	STORMSCOPE TO FUSELAGE AFT HARNESS TO ACCESS REMOVE ACCESS PANEL CF5 (AMM 6-00) AND CONDENSER IF EQUIPPED (AMM 21-50) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20) NEAR RH ENTRY STEP (AMM 53-20)	1-480277-0	1-480274-0

Figure 91-101
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EFFECTIVITY:
All

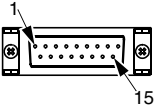
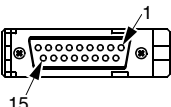
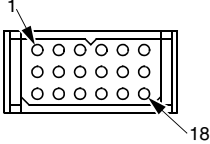
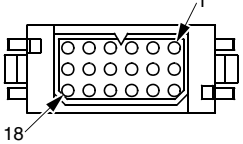
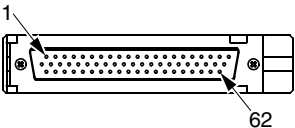
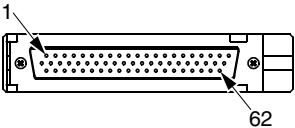
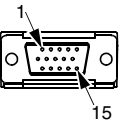
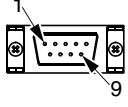
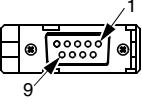
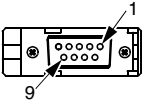
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
J1250  P1250 	CIRCUIT BREAKER PANEL HARNESS TO NAVIGATION HARNESS TO ACCESS OPEN CIRCUIT BREAKER PANEL (AMM 24-50) OR REMOVE MID CONSOLE TRIM PANEL (AMM 25-10) LOCATED INBOARD AND ABOVE CIRCUIT BREAKER PANEL (AMM 24-50)	RD15M0000Z	RD15F0000X
J1251  P1251 	CIRCUIT BREAKER PANEL HARNESS TO NAVIGATION HARNESS TO ACCESS OPEN CIRCUIT BREAKER PANEL (AMM 24-50) OR REMOVE MID CONSOLE TRIM PANEL (AMM 25-10) LOCATED INBOARD AND ABOVE CIRCUIT BREAKER PANEL (AMM 24-50)	PLC18M0000	PLC18F0000
J1252 	PFD TO NAVIGATION HARNESS TO ACCESS REMOVE GLARESHIELD ASSEMBLY (AMM 25-10) LOCATED ON PFD (AMM 31-60)	011-00820-01	
J1253 	MFD TO NAVIGATION HARNESS TO ACCESS REMOVE GLARESHIELD ASSEMBLY (AMM 25-10) LOCATED ON MFD (AMM 31-60)	011-00820-01	
J1254 	FLIGHT MANAGEMENT SYSTEM KEYBOARD TO NAVIGATION HARNESS TO ACCESS REMOVE FLIGHT MANAGEMENT SYSTEM KEYBOARD (AMM 34-60) LOCATED FORWARD ON FMS KEYBOARD	011-01824-00	
J1256  P1256 	DME HARNESS TO NAVIGATION HARNESS TO ACCESS REMOVE LH SIDEWALL AIR DUCT TRIM PANEL (AMM 25-10) LOCATED BEHIND FORWARD PORTION OF SIDEWALL AIR DUCT TRIM PANEL NEAR LH OUTBOARD CONSOLE RIB	RD9M0000Z	RD9F0000X
P1257 	CO DETECTOR TO NAVIGATION HARNESS TO ACCESS REMOVE CO-PILOT KICK PLATE (AMM 25-10) LOCATED ON CO DETECTOR (AMM 27-30)		RD9F0000X

Figure 91-101
Contact Data (Sheet 66 of 82)

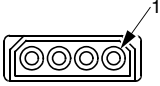
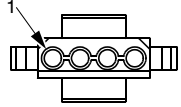
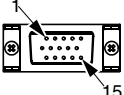
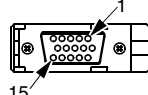
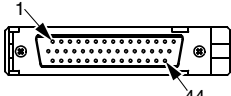
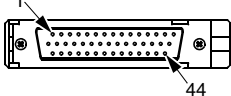
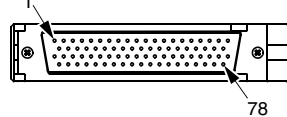
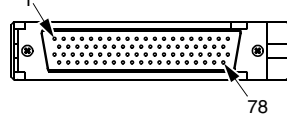
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J1258  P1258 	STORMSCOPE TO NAVIGATION HARNESS TO ACCESS REMOVE LH SIDEWALL AIR DUCT TRIM PANEL (AMM 25-10) LOCATED BEHIND FORWARD PORTION OF SIDEWALL AIR DUCT TRIM PANEL NEAR LH OUTBOARD CONSOLE RIB	1-480426-0	1-480425-0
J1259  P1259 	SKYWATCH HARNESS TO NAVIGATION HARNESS TO ACCESS OPEN CIRCUIT BREAKER PANEL (AMM 24-50) OR REMOVE MID CONSOLE TRIM PANEL (AMM 25-10) LOCATED NEAR FORWARD TRANSIENT VOLTAGE SUPPRESSOR (AMM 24-50)	DD15M0000Z	DD15F0000X
J1260  P1260 	TRAFFIC HARNESS TO FUSELAGE FORWARD HARNESS TO ACCESS OPEN CIRCUIT BREAKER PANEL (AMM 24-50) OR REMOVE MID CONSOLE TRIM PANEL (AMM 25-10) LOCATED INBOARD AND BELOW CIRCUIT BREAKER PANEL (AMM 24-50)	794012-1	1-480720-0
J1263 	AHRS 1 TO NAVIGATION HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS AHRS 1 (AMM 34-20) LOCATED ON AHRS 1	011-00869-01	
J1264 	AHRS 2 TO NAVIGATION HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS AHRS 2 (AMM 34-20) LOCATED ON AHRS 2	011-00869-01	
J1265 	ADC 1 TO NAVIGATION HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS ADC 1 (AMM 34-10) LOCATED ON ADC 1	011-01010-01	
J1266 	ADC 2 TO NAVIGATION HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS ADC 2 (AMM 34-10) LOCATED ON ADC 2	011-01010-01	

Figure 91-101
Contact Data (Sheet 67 of 82)

EFFECTIVITY:
All

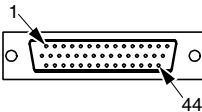
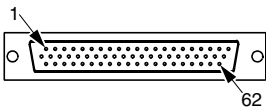
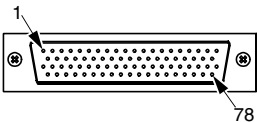
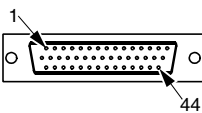
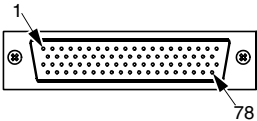
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
	MAG/ OAT HARNESS TO NAVIGATION HARNESS TO ACCESS REMOVE ACCESS PANEL CF2L (AMM 6-00) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20)	DD15M0000Z	DD15F0000X
	MAG/ OAT HARNESS TO NAVIGATION HARNESS TO ACCESS REMOVE ACCESS PANEL CF2L (AMM 6-00) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20)	DD15M0000Z	DD15F0000X
	GIA 1 TO NAVIGATION HARNESS TO ACCESS REMOVE GLARESHIELD ASSEMBLY (AMM 25-10) LOCATED ON GIA 1 (AMM 31-40)	330-00185-44	
	GIA 1 TO NAVIGATION HARNESS TO ACCESS REMOVE GLARESHIELD ASSEMBLY (AMM 25-10) LOCATED ON GIA 1 (AMM 31-40)	330-00185-62	
	GIA 1 TO NAVIGATION HARNESS TO ACCESS REMOVE GLARESHIELD ASSEMBLY (AMM 25-10) LOCATED ON GIA 1 (AMM 31-40)	330-00185-78	
	GIA 1 TO NAVIGATION HARNESS TO ACCESS REMOVE GLARESHIELD ASSEMBLY (AMM 25-10) LOCATED ON GIA 1 (AMM 31-40)	330-00185-44	
	GIA 1 TO NAVIGATION HARNESS TO ACCESS REMOVE GLARESHIELD ASSEMBLY (AMM 25-10) LOCATED ON GIA 1 (AMM 31-40)	330-00185-78	

Figure 91-101
Contact Data (Sheet 68 of 82)

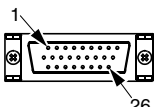
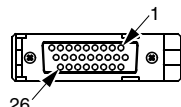
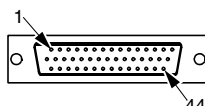
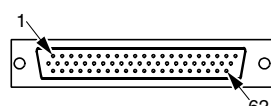
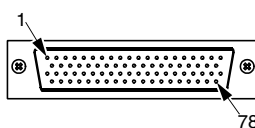
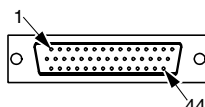
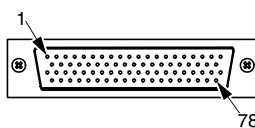
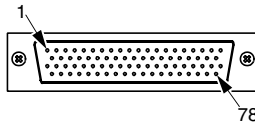
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
J1277  26 P1277  26	TRAFFIC HARNESS TO NAVIGATION HARNESS TO ACCESS OPEN CIRCUIT BREAKER PANEL (AMM 24-50) OR REMOVE MID CONSOLE TRIM PANEL (AMM 25-10) LOCATED INBOARD AND BELOW CIRCUIT BREAKER PANEL (AMM 24-50)	DD26M0000Z	DD26F0000X
J1281  44	GIA 2 TO NAVIGATION HARNESS TO ACCESS REMOVE GLARESHIELD ASSEMBLY (AMM 25-10) LOCATED ON GIA 2 (AMM 31-40)	330-00185-44	
J1282  62	GIA 2 TO NAVIGATION HARNESS TO ACCESS REMOVE GLARESHIELD ASSEMBLY (AMM 25-10) LOCATED ON GIA 2 (AMM 31-40)	330-00185-62	
J1283  78	GIA 2 TO NAVIGATION HARNESS TO ACCESS REMOVE GLARESHIELD ASSEMBLY (AMM 25-10) LOCATED ON GIA 2 (AMM 31-40)	330-00185-78	
J1284  44	GIA 2 TO NAVIGATION HARNESS TO ACCESS REMOVE GLARESHIELD ASSEMBLY (AMM 25-10) LOCATED ON GIA 2 (AMM 31-40)	330-00185-44	
J1285  78	GIA 2 TO NAVIGATION HARNESS TO ACCESS REMOVE GLARESHIELD ASSEMBLY (AMM 25-10) LOCATED ON GIA 2 (AMM 31-40)	330-00185-78	
J1286  78	GIA 2 TO NAVIGATION HARNESS TO ACCESS REMOVE GLARESHIELD ASSEMBLY (AMM 25-10) LOCATED ON GIA 2 (AMM 31-40)	330-00185-78	

Figure 91-101
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EFFECTIVITY:
All

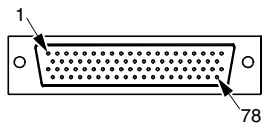
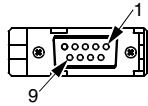
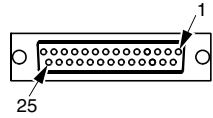
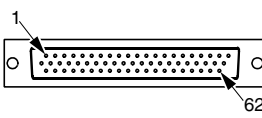
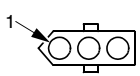
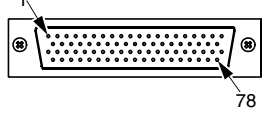
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 J1291 P1291	XM RECEIVER TO NAVIGATION HARNESS TO ACCESS REMOVE LH SIDEWALL AIR DUCT TRIM PANEL (AMM 25-10) LOCATED BEHIND FORWARD PORTION OF SIDEWALL AIR DUCT TRIM PANEL NEAR LH OUTBOARD CONSOLE RIB	DD15M0000Z	DD15F0000X
 J1292	XM WEATHER RECEIVER TO XM ASSEMBLY HARNESS TO ACCESS REMOVE ACCESS PANEL RE3 (AMM 6-00) LOCATED ON XM WEATHER RECEIVER (AMM 34-50)	011-00997-01	
 P1293	XM RADIO TRANSCEIVER TO XM ASSEMBLY HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS XM RADIO TRANSCEIVER (AMM 23-30) LOCATED ON XM RADIO TRANSCEIVER		RD9F0000X
 P1297	MODE C TRANSPONDER TO TRANSPONDER HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS TRANSPONDER (AMM 34-50) LOCATED ON TRANSPONDER		011-01013-01
 J1298	MODE S TRANSPONDER TO TRANSPONDER HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS TRANSPONDER (AMM 34-50) LOCATED ON TRANSPONDER	011-01012-01	
 P1299	TRANSPONDER FAN TO TRANSPONDER HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS TRANSPONDER (AMM 34-50) LOCATED ON TRANSPONDER		03-09-1032
 J1301	AUDIO PANEL TO CENTER CONSOLE HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS AUDIO PANEL (AMM 23-50) LOCATED ON AUDIO PANEL	330-00185-78	

Figure 91-101
Contact Data (Sheet 70 of 82)

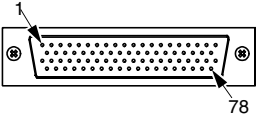
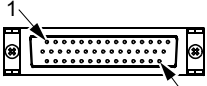
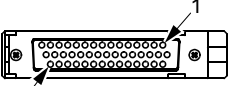
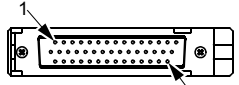
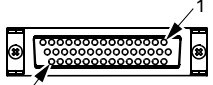
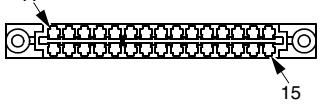
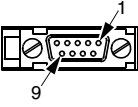
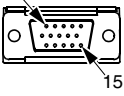
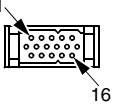
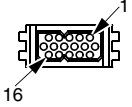
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
J1302 	AUDIO PANEL TO CENTER CONSOLE HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS AUDIO PANEL (AMM 23-50) LOCATED ON AUDIO PANEL	330-00185-78	
J1303  P1303 	AUDIO PANEL TO NAVIGATION HARNESS TO ACCESS REMOVE RADIO MODULE ASSEMBLY (AMM 25-10) OR FLIGHT MANAGEMENT SYSTEM KEYBOARD (AMM 34-60) LOCATED FORWARD OF RADIO MODULE ASSEMBLY / KEYBOARD	DD44M0000Z	DD44F0000X
J1304  P1304 	AUDIO PANEL TO NAVIGATION HARNESS TO ACCESS REMOVE RADIO MODULE ASSEMBLY (AMM 25-10) OR FLIGHT MANAGEMENT SYSTEM KEYBOARD (AMM 34-60) LOCATED FORWARD OF RADIO MODULE ASSEMBLY / KEYBOARD	DD44M0000Z	DD44F0000X
J1305 	ADF RECEIVER TO ADF HARNESS TO ACCESS REMOVE CO-PILOT KICK PLATE (AMM 25-10) LOCATED ON ADF RECEIVER (AMM 34-50)	09-50-6155	
P1306 	INTERCONNECT BETWEEN ADF ANTENNA AND ADF RECEIVER TO ACCESS REMOVE FLIGHT MANAGEMENT SYSTEM KEYBOARD (AMM 34-60) LOCATED FORWARD OF FMS KEYBOARD AND BELOW AVIONICS SHELF		RD9F0000X
J1309 	AUTOPILOT CONTROLLER TO CENTER CONSOLE HARNESS TO ACCESS REMOVE AUTOPILOT CONTROLLER (AMM 22-10) LOCATED ON AUTOPILOT CONTROLLER	011-01824-00	
J1310  P1310 	FUSELAGE FORWARD HARNESS TO CENTER CONSOLE HARNESS TO ACCESS REMOVE FLIGHT MANAGEMENT SYSTEM KEYBOARD (AMM 34-60) LOCATED FORWARD OF FMS KEYBOARD AND BELOW AVIONICS SHELF	DF16M00	DF16F00

Figure 91-101
Contact Data (Sheet 71 of 82)

EFFECTIVITY:
All

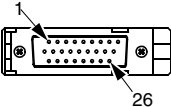
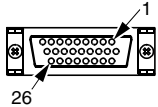
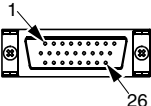
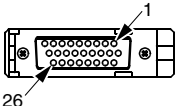
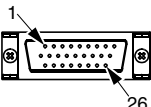
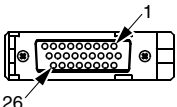
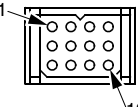
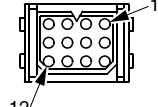
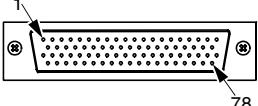
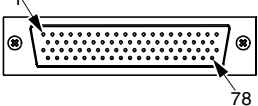
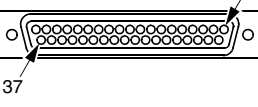
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
J1311  P1311 	NAVIGATION HARNESS TO TO CENTER CONSOLE HARNESS TO ACCESS REMOVE FLIGHT MANAGEMENT SYSTEM KEYBOARD (AMM 34-60) LOCATED FORWARD OF FMS KEYBOARD AND BELOW AVIONICS SHELF	DD26M0000Z	DD26F0000X
J1312  P1312 	NAVIGATION HARNESS TO TO CENTER CONSOLE HARNESS TO ACCESS REMOVE FLIGHT MANAGEMENT SYSTEM KEYBOARD (AMM 34-60) LOCATED FORWARD OF FMS KEYBOARD AND BELOW AVIONICS SHELF	DD26M0000Z	DD26F0000X
J1314  P1314 	FUSELAGE FORWARD HARNESS TO FUSELAGE AFT HARNESS TO ACCESS REMOVE ACCESS PANEL CF3R (AMM 6-00) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20)	DD26M0000Z	DD26F0000X
J1315  P1315 	ADF HARNESS TO CENTER CONSOLE HARNESS TO ACCESS REMOVE FLIGHT MANAGEMENT SYSTEM KEYBOARD (AMM 34-60) LOCATED FORWARD OF FMS KEYBOARD AND BELOW AVIONICS SHELF	PLC12M0000	PLC12F0000
J1321 	GTS 800 LRU TO TRAFFIC HARNESS TO ACCESS REMOVE TRAFFIC LRU COVER PANEL (AMM 34-40) LOCATED ON GTS 800LRU	330-00366-78	
J1322 	GTS 800 LRU TO TRAFFIC HARNESS TO ACCESS REMOVE TRAFFIC LRU COVER PANEL (AMM 34-40) LOCATED ON GTS 800LRU	330-00366-78	
P1323 	GTS 800 LRU TO TRAFFIC HARNESS TO ACCESS REMOVE TRAFFIC LRU COVER PANEL (AMM 34-40) LOCATED ON GTS 800LRU		RD37F0000X

Figure 91-101
Contact Data (Sheet 72 of 82)

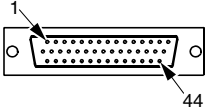
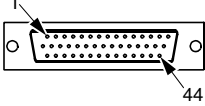
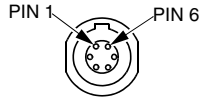
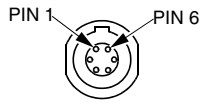
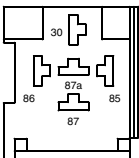
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
J1329 	AUDIO PANEL (GMA 350) TO CENTER CONSOLE HARNESS TO ACCESS REMOVE AUDIO PANEL (AMM 23-50) LOCATED ON AUDIO PANEL	330-00185-44	
J1330 	AUDIO PANEL (GMA 350) TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE AUDIO PANEL (AMM 23-50) LOCATED ON AUDIO PANEL	330-00185-44	
J1334 	PASSENGER ANR HEADSET JACK TO CENTER CONSOLE HARNESS TO ACCESS REMOVE GLOVE BOX (AMM 25-10) TO ACCESS AUDIO JACKS (AMM 23-50) LOCATED BELOW PASSENGER ANR JACK	PTG-MO-6NL-LC65N	
J1335 	PASSENGER ANR HEADSET JACK TO CENTER CONSOLE HARNESS TO ACCESS REMOVE GLOVE BOX (AMM 25-10) TO ACCESS AUDIO JACKS (AMM 23-50) LOCATED BELOW PASSENGER ANR JACK	PTG-MO-6NL-LC65N	
P1337 	BAGGAGE LIGHT TO BAGGAGE LIGHT CONTROLLER TO ACCESS REMOVE HEADLINER (AMM 25-10) LOCATED ON BAGGAGE LIGHTS (AMM 33-30)	43640-0201	
P1338 	BAGGAGE LIGHT TO BAGGAGE LIGHT CONTROLLER TO ACCESS REMOVE HEADLINER (AMM 25-10) LOCATED ON BAGGAGE LIGHTS (AMM 33-30)	43640-0201	
P1338 	BAGGAGE LIGHT TO BAGGAGE LIGHT CONTROLLER TO ACCESS REMOVE HEADLINER (AMM 25-10) LOCATED ON BAGGAGE LIGHTS (AMM 33-30)	RELAY 0-332-209-204	3-334-485-008

Figure 91-101
Contact Data (Sheet 73 of 82)

EFFECTIVITY:
All

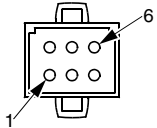
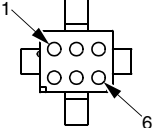
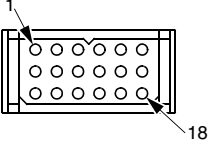
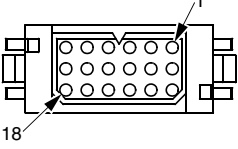
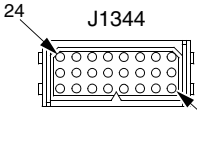
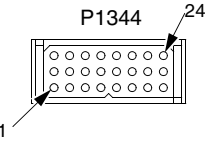
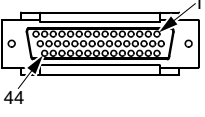
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
J1339  P1339 	FLIGHT DIRECTOR HARNESS TO CENTER CONSOLE HARNESS TO ACCESS REMOVE RADIO MODULE ASSEMBLY (AMM 25-10) OR FLIGHT MANAGEMENT SYSTEM KEYBOARD(AMM 34-60) LOCATED FORWARD OF RADIO MODULE / KEYBOARD	1-480276-0	1-480273-0
J1343  P1343 	NAVIGATION HARNESS TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE GLARESHIELD ASSEMBLY (AMM 25-10) LOCATED CENTER ON WIRING RACK	PLC18M0000	PLC18F0000
J1344  P1344 	NAVIGATION HARNESS TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE GLARESHIELD ASSEMBLY (AMM 25-10) LOCATED CENTER ON WIRING RACK	PLC24M0000/AA	PLC24F0000/AA
P1346 	ECS CONTROLLER TO ECS HARNESS TO ACCESS REMOVE GLARESHIELD ASSEMBLY (AMM 25-10) LOCATED ON ECS CONTROLLER (AMM 21-60)		DD44F0000X
J1352 	CABIN AIR COUPLER ACTUATOR TO ECS HARNESS TO ACCESS REMOVE CO-PILOT KICK PANEL (AMM 25-10) LOCATED NEAR CABIN AIR COUPLER ACTUATOR (AMM 21-60)	1-480305-0	
J1353 	DISTRIBUTION MANIFOLD DUAL ACTUATOR TO ECS HARNESS TO ACCESS REMOVE CO-PILOT KICK PANEL (AMM 25-10) LOCATED ON DISTRIBUTION MANIFOLD DUAL ACTUATOR (AMM 21-60)	1-480305-0	
J1354 	DISTRIBUTION MANIFOLD DUAL ACTUATOR TO ECS HARNESS TO ACCESS REMOVE CO-PILOT KICK PANEL (AMM 25-10) LOCATED ON DISTRIBUTION MANIFOLD DUAL ACTUATOR (AMM 21-60)	1-480305-0	

Figure 91-101
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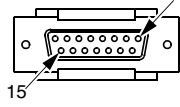
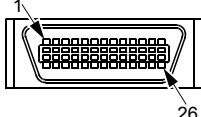
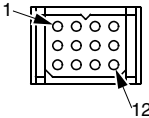
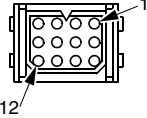
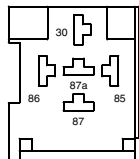
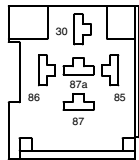
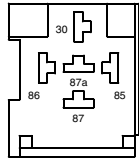
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
P1355 	LEVEL SENSOR POWER CIRCUIT CARD TO ENGINE MONITORING CABIN HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS LEVEL SENSOR POWER CIRCUIT CARD (AMM 24-50) LOCATED ON LEVEL SENSOR POWER CIRCUIT CARD		205205-2
J1356 	ECS DISPLAY PANEL TO ECS HARNESS TO ACCESS REMOVE ECS DISPLAY PANEL (AMM 21-60) LOCATED ON ECS DISPLAY PANEL	10126-3000-PE	
J1358  P1358 	ECS HARNESS TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE GLARESHIELD ASSEMBLY (AMM 25-10) LOCATED FORWARD OF ECS DISPLAY PANEL (AMM 21-60) ON CO-PILOT WIRING RACK	PLC12M0000	PLC12F0000
P1360 	EVAPORATOR RELAY TO ECS HARNESS TO ACCESS REMOVE CO-PILOT KICK PANEL (AMM 25-10) LOCATED ON UNDERSIDE OF AVIONICS SHELF	RELAY 0-332-209-204	3-334-485-008
P1361 	CONDENSER RELAY TO ECS HARNESS TO ACCESS REMOVE CO-PILOT KICK PANEL (AMM 25-10) LOCATED ON UNDERSIDE OF AVIONICS SHELF	RELAY 0-332-209-204	3-334-485-008
P1362 	COMPRESSOR RELAY TO ECS HARNESS TO ACCESS REMOVE CO-PILOT KICK PANEL (AMM 25-10) LOCATED ON UNDERSIDE OF AVIONICS SHELF	RELAY 0-332-209-204	3-334-485-008

Figure 91-101
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EFFECTIVITY:
All

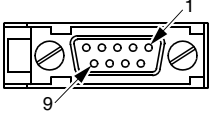
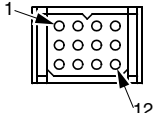
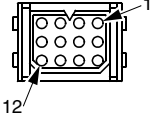
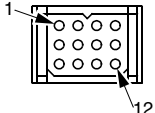
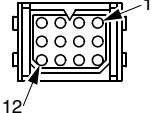
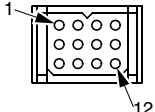
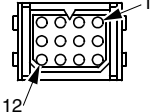
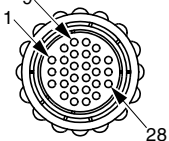
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
P1366 	ADF ANTENNA TO ADF ANTENNA CABLE TO ACCESS REMOVE REFERENCE PROCEDURE TO ACCESS ADF ANTENNA (AMM 34-50) LOCATED ON ADF ANTENNA (AMM 34-50)		030-00101-0000
J1368 	DME RECEIVER TO DME HARNESS TO ACCESS REMOVE ACCESS PANEL CF2L (AMM 6-00) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20)	0950-6125	
J1375  P1375 	BOLSTER SWITCH PANEL TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE BOLSTER SWITCH PANEL (AMM 31-10) LOCATED ON BOLSTER SWITCH PANEL	PLC12M0000	PLC12F0000
J1376  P1376 	BOLSTER SWITCH PANEL TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE BOLSTER SWITCH PANEL (AMM 31-10) LOCATED ON BOLSTER SWITCH PANEL	PLC12M0000	PLC12F0000
J1377  P1377 	BOLSTER SWITCH PANEL TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE BOLSTER SWITCH PANEL (AMM 31-10) LOCATED ON BOLSTER SWITCH PANEL	PLC12M0000	PLC12F0000
P1378 	FIKI TKS TIMER BOX TO ICE PROTECTION HARNESS TO ACCESS REMOVE ACCESS PANEL CF4R (AMM 6-00) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20) ON RIGHT SIDE LONGERON ON TKS TIMER BOX (AMM 30-07)		205839-3
P1379 	TKS FLOW TRANSDUCER TO ICE PROTECTION FIKI HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS FLOW TRANSDUCER (AMM 30-07) LOCATED ON FLOW TRANSDUCER		1-480303-0

Figure 91-101
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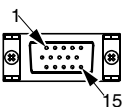
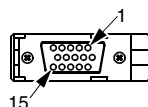
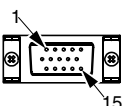
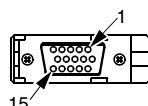
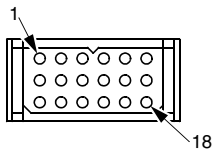
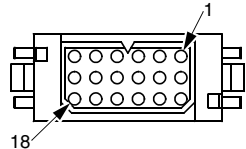
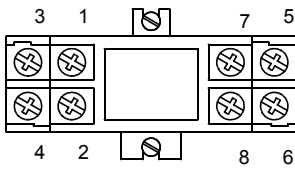
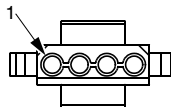
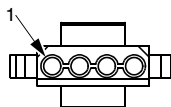
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
J1380  P1380 	FUSELAGE FORWARD HARNESS TO ENGINE MONITORING HARNESS TO ACCESS REMOVE FLIGHT MANAGEMENT SYSTEM KEYBOARD (AMM 34-60) LOCATED FORWARD OF FMS KEYBOARD AND BELOW AVIONICS SHELF	DD15M0000Z	DD15F0000X
J1381  P1381 	FUSELAGE FORWARD HARNESS TO NAVIGATION HARNESS TO ACCESS REMOVE FLIGHT MANAGEMENT SYSTEM KEYBOARD (AMM 34-60) LOCATED FORWARD OF FMS KEYBOARD AND BELOW AVIONICS SHELF	DD15M0000Z	DD15F0000X
J1382  P1382 	FUSELAGE FORWARD HARNESS TO ICE PROTECTION HARNESS TO ACCESS REMOVE ACCESS PANEL CF4R (AMM 6-00) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20)	PLC18M0000	PLC18F0000
P1383 	PITOT HEAT RELAY TO FUSELAGE FORWARD HARNESS TO ACCESS OPEN CIRCUIT BREAKER PANEL (AMM 24-50) OR REMOVE MID CONSOLE TRIM PANEL (AMM 25-10) LOCATED INBOARD AND ABOVE CIRCUIT BREAKER PANEL (AMM 24-50)	RELAY K10P11D1524	27E487
P1384 	FIKI CURRENT SENSOR ON FUSELAGE FORWARD HARNESS TO ACCESS REMOVE MID CONSOLE TRIM PANEL (AMM 25-10) LOCATED FORWARD OF FLAPS CONTROL PANEL (AMM 27-50)	INSTR	102241-1
P1386 	LEFT ICE LIGHT TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE SIDEWALL AIR DUCT TRIM PANEL (AMM 25-10) LOCATED NEAR ICE LIGHT (AMM 33-40)		1-480720-0
P1387 	RIGHT ICE LIGHT TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE SIDEWALL AIR DUCT TRIM PANEL (AMM 25-10) LOCATED NEAR ICE LIGHT (AMM 33-40)		1-480720-0

Figure 91-101
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EFFECTIVITY:
All

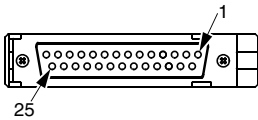
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
P1388 	STALL COMPUTER TO ICE PROTECTION HARNESS TO ACCESS REMOVE ACCESS PANEL CF3R (AMM 6-00) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20) ON STALL COMPUTER (AMM 27-31)		RD25F0000X
P1389 	WINDSHIELD SOLENOID TO ICE PROTECTION HARNESS TO ACCESS REMOVE ACCESS PANEL CF3L (AMM 6-00) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20) ON LH AFT LONGERON NEAR TKS FILTER ASSEMBLY (AMM 30-07)		1-480720-0
P1390 	WINDSHIELD PUMP TO ICE PROTECTION HARNESS TO ACCESS REMOVE ACCESS PANEL CF4L (AMM 6-00) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20) ON LH AFT LONGERON NEAR WINDSHIELD PUMP (AMM 30-07)		1-480720-0
P1391 	FIKI METERING PUMP 1 TO ICE PROTECTION HARNESS TO ACCESS REMOVE ACCESS PANEL CF4L (AMM 6-00) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20) ON METERING PUMP (AMM 30-07)		1-480303-0
P1392 	FIKI METERING PUMP 2 TO ICE PROTECTION HARNESS TO ACCESS REMOVE ACCESS PANEL CF4L (AMM 6-00) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20) ON METERING PUMP (AMM 30-07)		1-480303-0
P1393 	TKS HIGH PRESS SWITCH TO ICE PROTECTION HARNESS TO ACCESS REMOVE ACCESS PANEL CF4L (AMM 6-00) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20) ON METERING PUMP (AMM 30-07)		1-480720-0

Figure 91-101
Contact Data (Sheet 78 of 82)

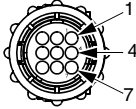
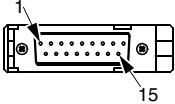
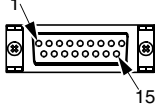
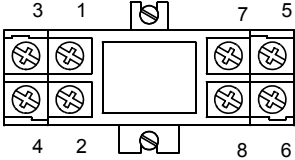
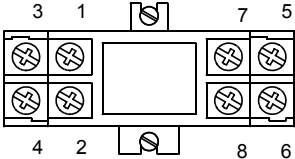
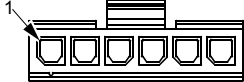
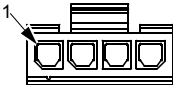
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
P1394 	TKS TAIL PROPORTIONING UNIT TO FUSELAGE AFT HARNESS TO ACCESS REMOVE ACCESS PANEL RE3 (AMM 6-00) LOCATED NEAR TAIL PROPORTIONING UNIT (AMM 30-07)		788157-2
J1395  P1395 	TRANSPONDER HARNESS TO NAVIGATION HARNESS TO ACCESS REMOVE LH SIDEWALL AIR DUCT TRIM PANEL (AMM 25-10) LOCATED BEHIND FORWARD PORTION OF SIDEWALL AIR DUCT TRIM PANEL NEAR LH OUTBOARD CONSOLE RIB	RD15M0000Z	RD15F0000X
P1397 	AOA HEAT #1 RELAY TO STALL VANE HARNESS TO ACCESS REMOVE ACCESS PANEL RW9 (AMM 6-00) LOCATED NEAR STALL WARNING STALL TRANSDUCER (AMM 27-31)	RELAY K10P11D1524	27E487
P1398 	AOA HEAT #2 RELAY TO STALL VANE HARNESS TO ACCESS REMOVE ACCESS PANEL RW9 (AMM 6-00) LOCATED NEAR STALL WARNING STALL TRANSDUCER (AMM 27-31)	RELAY K10P11D1524	27E487
P1407 	DOOR SOLENOID LOCKOUT TO CONVENIENCE SYSTEM CONTROLLER TO ACCESS REMOVE ACCESS PANEL CF4R (AMM 6-00) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20) NEAR CONVENIENCE SYSTEM CENTEROLLER (AMM 24-50)		34232-006
P1408 	DOOR SOLENOID LOCKOUT DOOR SOLENOID LOCKOUT TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE ACCESS PANEL CF4R (AMM 6-00) LOCATED BELOW FUSELAGE FLOOR ACCESS PANEL (AMM 53-20) NEAR CONVENIENCE SYSTEM CENTEROLLER (AMM 24-50)		34232-004

Figure 91-101
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EFFECTIVITY:
All

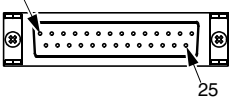
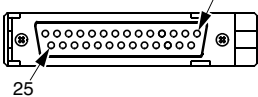
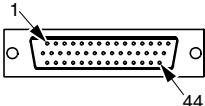
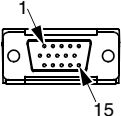
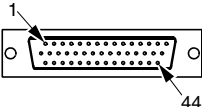
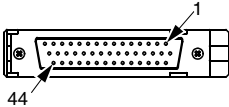
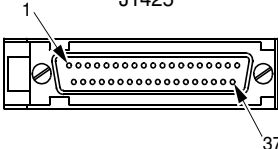
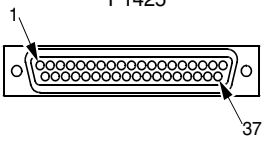
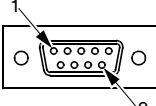
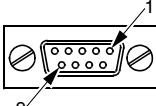
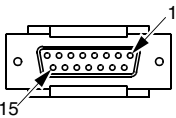
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
J1409  P1409 	XM ASSEMBLY HARNESS TO DATA LINK HARNESS TO ACCESS REMOVE LH SIDEWALL AIR DUCT TRIM PANEL (AMM 25-10) LOCATED BEHIND FORWARD PORTION OF SIDEWALL AIR DUCT TRIM PANEL NEAR LH OUTBOARD CONSOLE RIB	RD25M0000Z	RD25F0000X
J1411 	IRIDIUM TRANSCEIVER TO DATA LINK HARNESS TO ACCESS REMOVE ACCESS PANEL RE3 (AMM 6-00) LOCATED ON IRIDIUM TRANSCEIVER (AMM 34-50)	330-00185-44	
J1415 	FLIGHT STREAM 210 TO DATA LINK HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS FLIGHT STREAM 210 (AMM 23-30) LOCATED ON FLIGHT STREAM 210	53805-015	
J1416  P1416 	DATA LINK HARNESS TO NAVIGATION HARNESS TO ACCESS REMOVE LH SIDEWALL AIR DUCT TRIM PANEL (AMM 25-10) LOCATED BEHIND FORWARD PORTION OF SIDEWALL AIR DUCT TRIM PANEL NEAR LH OUTBOARD CONSOLE RIB	51966-044	51993-044
J1425  P1425 	FUSELAGE FORWARD HARNESS TO ENGINE MONITORING CABIN HARNESS TO ACCESS REMOVE CO-PILOT KICK PLATE (AMM 25-10) LOCATED BETWEEN CONSOLE RIBS ON CO-PILOT SIDE	RD37M10000	RD37F10000
J1426  P1426 	NAVIGATION HARNESS TO ENGINE MONITORING CABIN HARNESS TO ACCESS REMOVE CO-PILOT KICK PLATE (AMM 25-10) LOCATED BETWEEN CONSOLE RIBS ON CO-PILOT SIDE	RD9M10000	RD9F10000
P1427 	DATA ACQUISITION UNIT TO ENGINE MONITORING CABIN HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS DATA ACQUISITION UNIT (AMM 77-40) LOCATED ON DATA ACQUISITION UNIT		205205-2

Figure 91-101
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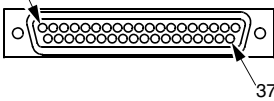
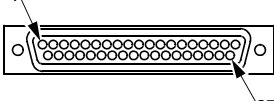
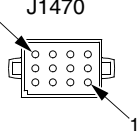
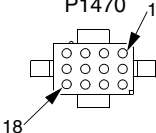
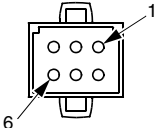
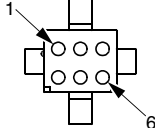
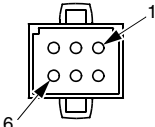
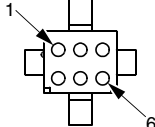
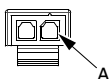
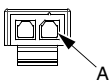
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
P1428 	DATA ACQUISITION UNIT TO ENGINE MONITORING CABIN HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS DATA ACQUISITION UNIT (AMM 77-40) LOCATED ON DATA ACQUISITION UNIT		RD37F10000
J1429 	DATA ACQUISITION UNIT TO ENGINE MONITORING CABIN HARNESS TO ACCESS REFERENCE PROCEDURE TO ACCESS DATA ACQUISITION UNIT (AMM 77-40) LOCATED ON DATA ACQUISITION UNIT	RD37M10000	
J1470  P1470 	INTERIOR LIGHTING HARNESS TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE MFD (AMM 31-60) LOCATED FORWARD OF MFD (AMM 21-20)	1-480275-0	1-480278-0
J1472  P1472 	LEFT ICE LIGHT TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE SIDEWALL AIR DUCT TRIM PANEL (AMM 25-10) LOCATED NEAR ICE LIGHT (AMM 33-40)	1-480276-0	1-480273-0
J1473  P1473 	RIGHT ICE LIGHT TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE SIDEWALL AIR DUCT TRIM PANEL (AMM 25-10) LOCATED NEAR ICE LIGHT (AMM 33-40)	1-480276-0	1-480273-0
P1520 	PILOT USB CHARGER CONVENIENCE OUTLET TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE AFT CONSOLE REAR COVER (AMM 25-10) PILOT USB CHARGER CONVENIENCE OUTLET (AMM 24-50)		9017943-2
P1521 	PASSENGER USB CHARGER CONVENIENCE OUTLET TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE AFT CONSOLE REAR COVER (AMM 25-10) PASSENGER USB CHARGER CONVENIENCE OUTLET (AMM 24-50)		9017943-2

Figure 91-101
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EFFECTIVITY:
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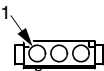
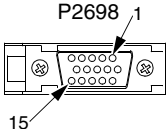
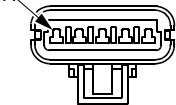
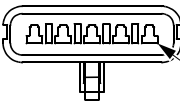
CONNECTOR NUMBER	LOCATION	JACK P/N	PLUG P/N
J1980  P1980 	CIRCUIT BREAKER PANEL HARNESS TO ENGINE MONITORING HARNESS TO ACCESS OPEN CIRCUIT BREAKER PANEL (AMM 24-50) OR REMOVE MID CONSOLE TRIM PANEL (AMM 25-10) LOCATED INBOARD FORWARD AND ABOVE CIRCUIT BREAKER PANEL (AMM 24-50)	1-480305-0	1-480303-0
P2698  15	MD302 STANDBY ATTITUDE MODULE TO FUSELAGE FORWARD HARNESS TO ACCESS REMOVE PILOT-SIDE KICK PLATE TO (AMM 25-10) LOCATED ON MD302 (AMM 34-10)		9016479
P2700  1 7	CAPS DIAGNOSTIC CONNECTOR TO BATTERY 2 HARNESS TO ACCESS REMOVE ACCESS PANEL RE3 (AMM 6-00) LOCATED ON SERVICE LOOP SECURED TO FUSELAGE		EN3C8FCKX
P2701  A J2701  A	CAPS IGNITION HARNESS TO BATTERY 2 HARNESS TO ACCESS REMOVE ACCESS PANEL RE3 (AMM 6-00) LOCATED ON FS 222 BULKHEAD ON LEFT OF CAPS BUCKET (AMM 53-00)	12186400	12084891

Figure 91-101
Contact Data (Sheet 82 of 82)

2. SWITCH DATA

SWITCH IDENTIFICATION	SWITCH NUMBER	MAX. CURRENT	RATING AT 28 VDC	MFG CAGE CODE	SWITCH P/N
ROLL LEFT LIMIT	S301	0.75A	5.0A	V91929	UM50E10D01
ROLL RIGHT LIMIT	S302	0.75A	5.0A	V91929	UM50E10D01
ANNUNCIATOR TEST	S500	0.4A	6.0A	V55588	A233P42DZQ
PITCH DOWN LIMIT	S501	0.2A	5.0A	V22373	ZM50E10E01
PITCH UP LIMIT	S502	0.2A	5.0A	V22373	ZM50E10E01
FLAP UP PROXIMITY	S503	0.028A	0.2A	V3U613	CAXC-33NO
FLAP 50% PROXIMITY	S504	0.028A	0.2A	V3U613	CAXC-33NO
FLAP 100 % PROXIMITY	S505	0.028A	0.2A	V3U613	CAXC-33NO
TERRAIN AWARENESS	S510	0.1A	2.0A	V61706	HB16CKW01-5D-DB
AMMETER SELECT SWITCH	S511	0.1A	6.0A	V55588	A432P42DZQ
TERRAIN AWARENESS	S512	0.1A	2.0A	V61706	18-137.035
REVERSIONARY SWITCH	S519	0.1A	2.0A	V21649	LP5-63K32R
HEADSET POWER	S520	1.0A	2.0A	V09353	L20301MS02Q
FLIGHT DIRECTOR BUTTON 1	S569	0.04A	4.0A	V12522	992331-A154263333
FLIGHT DIRECTOR BUTTON 2	S570	0.04A	4.0A	V12522	992331-A154262222
FLAP SELECTOR	S601	0.008A	0.5A	V1LNF3	C4D0112N-A
PRIME/LOW	S602	1.56A	15.0A	V55588	8004K31N1V2
ICE PROTECTION	S604	1.5A	15.0A	V55588	8004K40N1V2
STARTER	S656	0.1A	2.0A	V65873	A-510-2
LANDING LIGHT	S660	0.1A	16.0A	V0BKV9	DF62 SERIES
PITOT HEAT	S661	0.1A	16.0A	V0BKV9	DF62 SERIES
NAV LIGHTS	S662	0.1A	16.0A	V0BKV9	DF62 SERIES
STROBE LIGHTS	S663	0.1A	16.0A	V0BKV9	DF62 SERIES
ALTERNATOR 1	S664	0.1A	16.0A	V0BKV9	DF62 SERIES
BATTERY 1	S665	0.1A	16.0A	V0BKV9	DF62 SERIES
AVIONICS SWITCH	S666	0.1A	16.0A	V0BKV9	DF62 SERIES
ALTERNATOR 2	S667	0.1A	16.0A	V0BKV9	DF62 SERIES
BATTERY 2	S668	0.1A	16.0A	V0BKV9	DF62 SERIES
ICE PROTECTION ON-OFF	S669	0.1A	16.0A	V0BKV9	DF62 SERIES
ICE PROTECTION NORM-MAX	S670	0.1A	16.0A	V0BKV9	DF62 SERIES
WINDSHIELD	S671	0.1A	3.0A	V09353	8060 SERIES

Figure 91-102
Switch Data (Sheet 1 of 2)

EFFECTIVITY:
All

SWITCH IDENTIFICATION	SWITCH NUMBER	MAX. CURRENT	RATING AT 28 VDC	MFG CAGE CODE	SWITCH P/N
PILOT YOKE HAT	S700	0.1A	16.0A	V21649	DF62 SERIES
PILOT YOKE PUSH-TO-TALK	S701	0.1A	16.0A	V81073	DF62 SERIES
ALTITUDE HOLD	S702	0.1A	2.0A	V81073	T5-0088
COPILOT YOKE	S705	0.1A	2.0A	V21649	39-101
COPILOT YOKE PUSH-TO-TALK	S706	0.1A	2.0A	V81073	39-101
PILOT 4 WAY TRIM SWITCH	S720	0.1A	2.0A	V21649	T4-0257
PILOT YOKE PUSH-TO-TALK	S721	0.1A	2.0A	V21649	P7-300135
PILOT AUTOPILOT DISCONNECT	S722	0.1A	2.0A	V21649	P7-376241
COPILOT 4 WAY TRIM SWITCH	S730	0.1A	2.0A	V21649	T4-0257
COPILOT YOKE PUSH-TO-TALK	S731	0.1A	2.0A	V21649	P7-300135
COPILOT AUTOPILOT DISCONNECT	S732	0.1A	2.0A	V21649	P7-376241
FAN HIGH	S800	0.1A	2.0A	V01963	D45L-R1RD
FAN MEDIUM	S801	0.1A	2.0A	V01963	D45L-R1RD
FAN POWER	S802	0.1A	2.0A	V01963	D45L-R1RD
AIR CONDITIONING POWER	S803	0.1A	2.0A	V01963	D45L-R1RD
AIR CONDITIONING POWER	S804	0.1A	2.0A	V01963	D45L-R1RD
RECIRCULATION BOX CONTROL	S805	0.1A	2.0A	V01963	E20-00K
RECIRCULATION BOX LIMIT	S806	0.1A	2.0A	V01963	D45L-R1RD
RECIRCULATION BOX LIMIT	S807	0.1A	2.0A	V01963	D45L-R1RD
FAN POWER	S808	0.008A	0.5A	V1LNF3	C4D0212S-A
CABIN AIR LIMIT	S809	0.1A	2.0A	V01963	D45L-R1RD
ICE LIGHT	SW9	0.5A	16A	V09353	DF62 SERIES
ICE PROTECTION - MAX	SW13	0.1A	16A	V09353	DF62 SERIES

Figure 91-102
Switch Data (Sheet 2 of 2)

3. RELAY DATA

RELAY IDENTIFICATION	RELAY NUMBER	LOAD TYPE	MAX. DRAW	RELAY RATING AT 28 VDC	MFG CAGE CODE	RELAY P/N
FUEL PRESSURE	K102	MOTOR/INDUCTIVE	1.56A	16.0A	V0RUF7	0-332-209-204
FLIGHT DIRECTOR	K567	RESISTIVE	0.03A	1.0A	V0BKV9	KHAU-17D16-24
ALTERNATOR 1 FIELD	K616	RESISTIVE	3.5A	20.0A	V0BKV9	RTE24024F
ALTERNATOR 2 FIELD	K617	RESISTIVE	3.5A	20.0A	V0BKV9	RTE24024F
NAV LIGHTS	K618	LAMP	3.64A	8A	V0BKV9	RTE24024F
STROBE LIGHTS	K619	RESISTIVE	3.2A	8A	V0BKV9	RTE24024F
ICE PROTECTION OFF-ON	K620	MOTOR/INDUCTIVE	1.5A	8A	V0BKV9	RTE24024F
ICE PROTECTION NORM-MAX	K621	MOTOR/INDUCTIVE	1.5A	8A	V0BKV9	RTE24024F
AVIONICS RELAY #1	K627	RESISTIVE	15.0A	20.0A	V0RUF7	0-332-209-204
AVIONICS RELAY #2	K628	RESISTIVE	15.0A	20.0A	V0RUF7	0-332-209-204
PITOT HEAT	K629	RESISTIVE	3.6A	20.0A	V0RUF7	0-332-209-204
HOBBS #1	K633	RESISTIVE	0.1A	20.0A	V0RUF7	0-332-209-204
PITCH TRIM	K636	MOTOR/INDUCTIVE	0.3A	16.0A	V0RUF7	0-332-209-204
PITCH TRIM	K637	MOTOR/INDUCTIVE	0.3A	16.0A	V0RUF7	0-332-209-204
ROLL TRIM	K638	MOTOR/INDUCTIVE	0.75A	16.0A	V0RUF7	0-332-209-204
ROLL TRIM	K639	MOTOR/INDUCTIVE	0.75A	16.0A	V0RUF7	0-332-209-204
FLAP RELAY	K642	MOTOR/INDUCTIVE	6.5A	16.0A	V0RUF7	0-332-209-204
FLAP RELAY	K643	MOTOR/INDUCTIVE	6.5A	16.0A	V0RUF7	0-332-209-204
ROLL AUTOPILOT	K648	MOTOR/INDUCTIVE	0.75A	15.0A	V0BKV9	K10P11D1524
PITCH AUTOPILOT	K649	MOTOR/INDUCTIVE	0.3A	15.0A	V0BKV9	K10P11D1524
AUTOPILOT DISC	K696	RESISTIVE	0.03A	16.0A	V0RUF7	0-332-209-204
PFD	K735	RESISTIVE	0.03A	1.0A	V0BKV9	KHAU-17D16-24
BATTERY 2 RELAY		RESISTIVE	20.0A	50.0A	V0RUF7	0-332-002-256
FAN	K949	MOTOR/INDUCTIVE	0.3A	16.0A	V0RUF7	0-332-209-204
CONDENSER	K950	MOTOR/INDUCTIVE	0.3A	16.0A	V0RUF7	0-332-209-204
COMPRESSOR	K952	MOTOR/INDUCTIVE	0.3A	16.0A	V0RUF7	0-332-209-204
LED	K963	MOTOR/INDUCTIVE	0.3A	16.0A	V0RUF7	0-332-209-204
FUEL PUMP #2	K992	MOTOR/INDUCTIVE	0.3A	16.0A	V0RUF7	0-332-209-204
PITOT HEAT	K1020	RESISTIVE	3.6A	20A	V0RUF7	0-332-209-204
AVIONICS RELAY	K1021	RESISTIVE	15A	20A	V0RUF7	0-332-209-204

Figure 91-103
Relay Data (Sheet 1 of 2)

EFFECTIVITY:
All

RELAY IDENTIFICATION	RELAY NUMBER	LOAD TYPE	MAX. DRAW	RELAY RATING AT 28 VDC	MFG CAGE CODE	RELAY P/N
RECOGNITION LIGHTS	K1024	MOTOR/INDUCTIVE	1.04A	20.0A	V0RUF7	0-332-209-204
HOBBS #2	K1025	MOTOR/INDUCTIVE	0.3A	16.0A	V0RUF7	0-332-209-204
EVAPORATOR	1360	MOTOR/INDUCTIVE	9.15A	16.0A	V0RUF7	0-332-209-204
CONDENSER	1361	MOTOR/INDUCTIVE	10.25A	16.0A	V0RUF7	0-332-209-204
COMPRESSOR	1362	MOTOR/INDUCTIVE	0.55A	16.0A	V0RUF7	0-332-209-204

Figure 91-103
Relay Data (Sheet 2 of 2)

CHAPTER

93

SURVEILLANCE

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<u>Chap-Sect-Fig</u>	<u>Page</u>	<u>Date</u>
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93-LOEP	2	15 DEC 2014
93-TOC	1	15 DEC 2014
93-TOC	2	15 DEC 2014
93-50	1	15 DEC 2014

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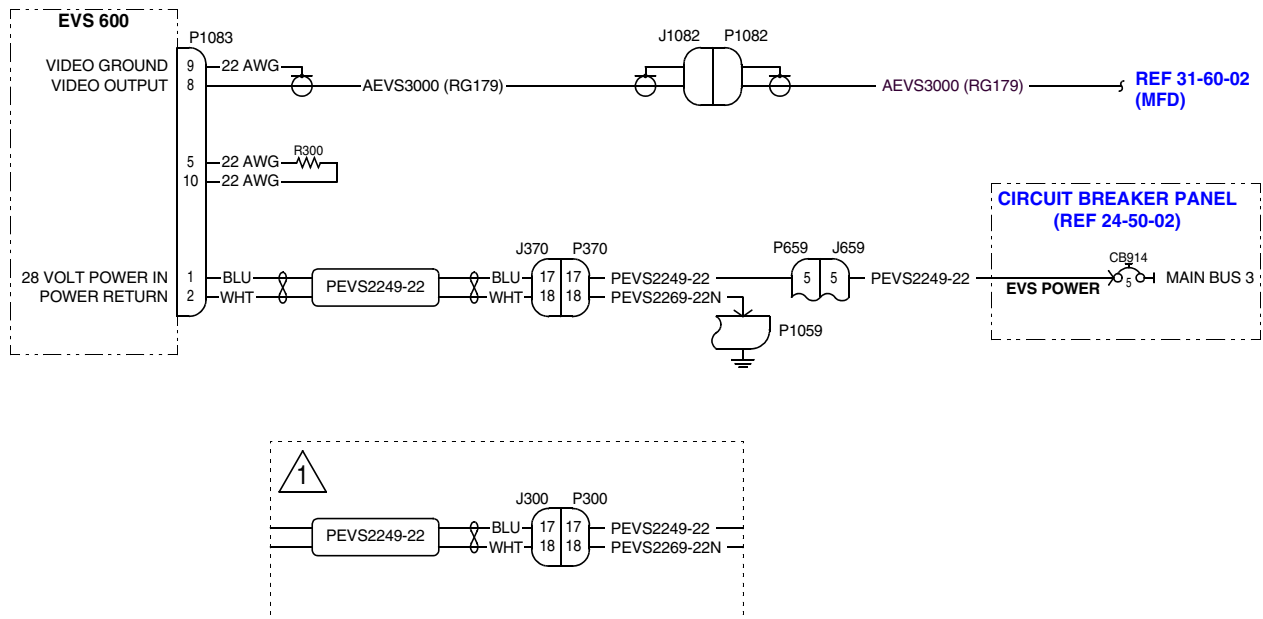
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Enhanced Vision System - Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

Chap-Sect-Fig

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NOTES

Refer to 91-10-00 for connector and pin information.

1 Serials 22-3026 thru 22-4045, 22T-0001 thru 22T-0689.

WM24736_02A

Figure-01

Enhanced Vision System - Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

EFFECTIVITY:
Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

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CHAPTER

95

**SPECIAL
PURPOSE
EQUIPMENT**

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CHAPTER 95 - SPECIAL PURPOSE EQUIPMENT

LIST OF EFFECTIVE PAGES

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95-LOEP	2	15 DEC 2014
95-TOC	1	15 DEC 2014
95-TOC	2	15 DEC 2014
95-00	1	04 SEP 2018

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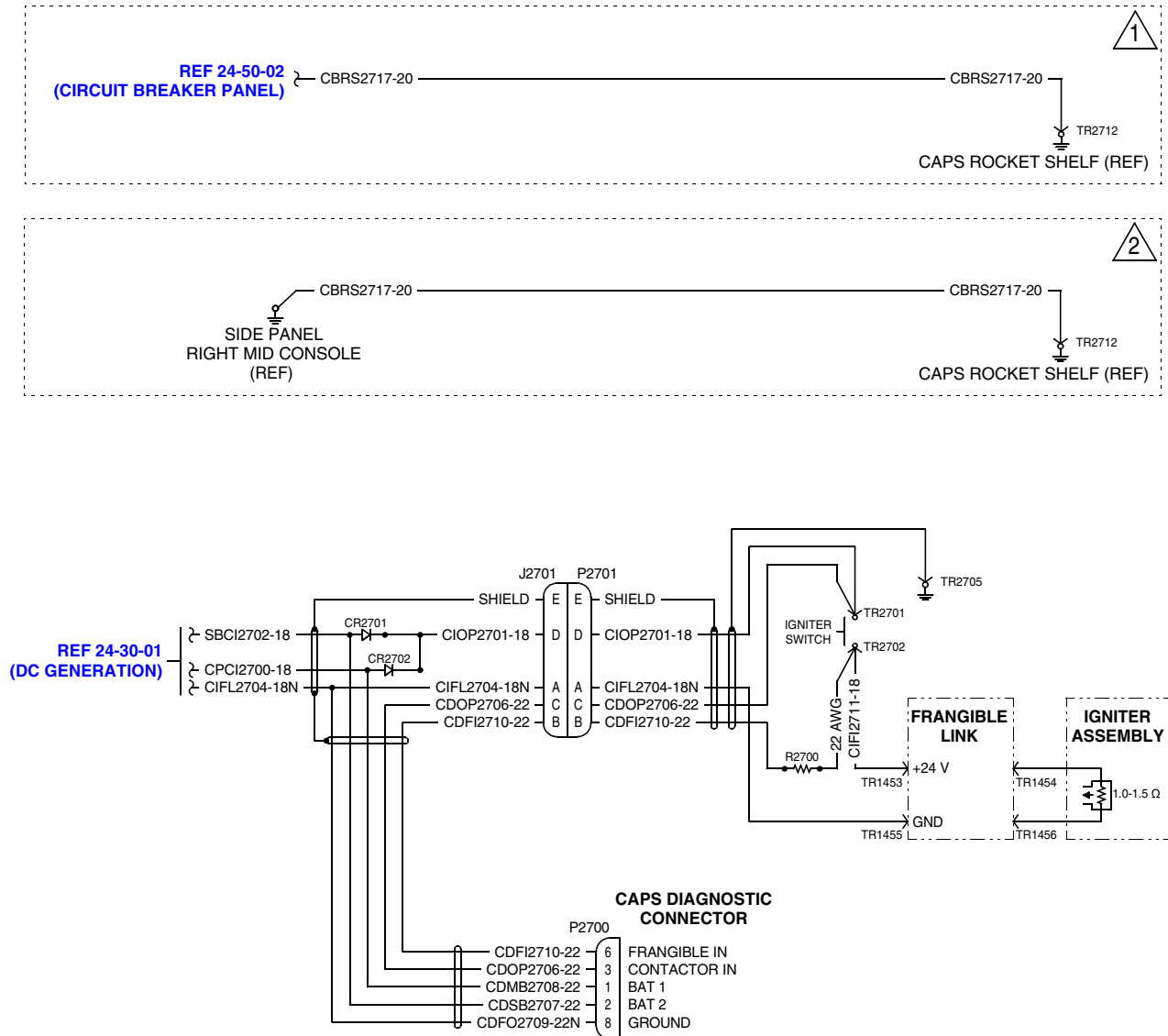
CAPS Installation - Serials 22-3915 & subs, 22T-0442 & subs

Chap-Sect-Fig

95-00-01

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NOTES

Refer to 91-10-00 for connector and pin information.

① Serials w/ Perspective after SB2X-95-24.

② Serials w/o Perspective after SB2X-95-24.

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Figure-01
CAPS Installation - Serials 22-0002 & subs, 22T-0442 & subs

EFFECTIVITY:
Serials 22-0002 & subs, 22T-0442 & subs

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CHAPTER

115

**FLIGHT
SIMULATOR
SYSTEMS**

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CHAPTER 115 - FLIGHT SIMULATOR SYSTEMS**LIST OF EFFECTIVE PAGES**

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115-TOC	2	31 MAY 2011
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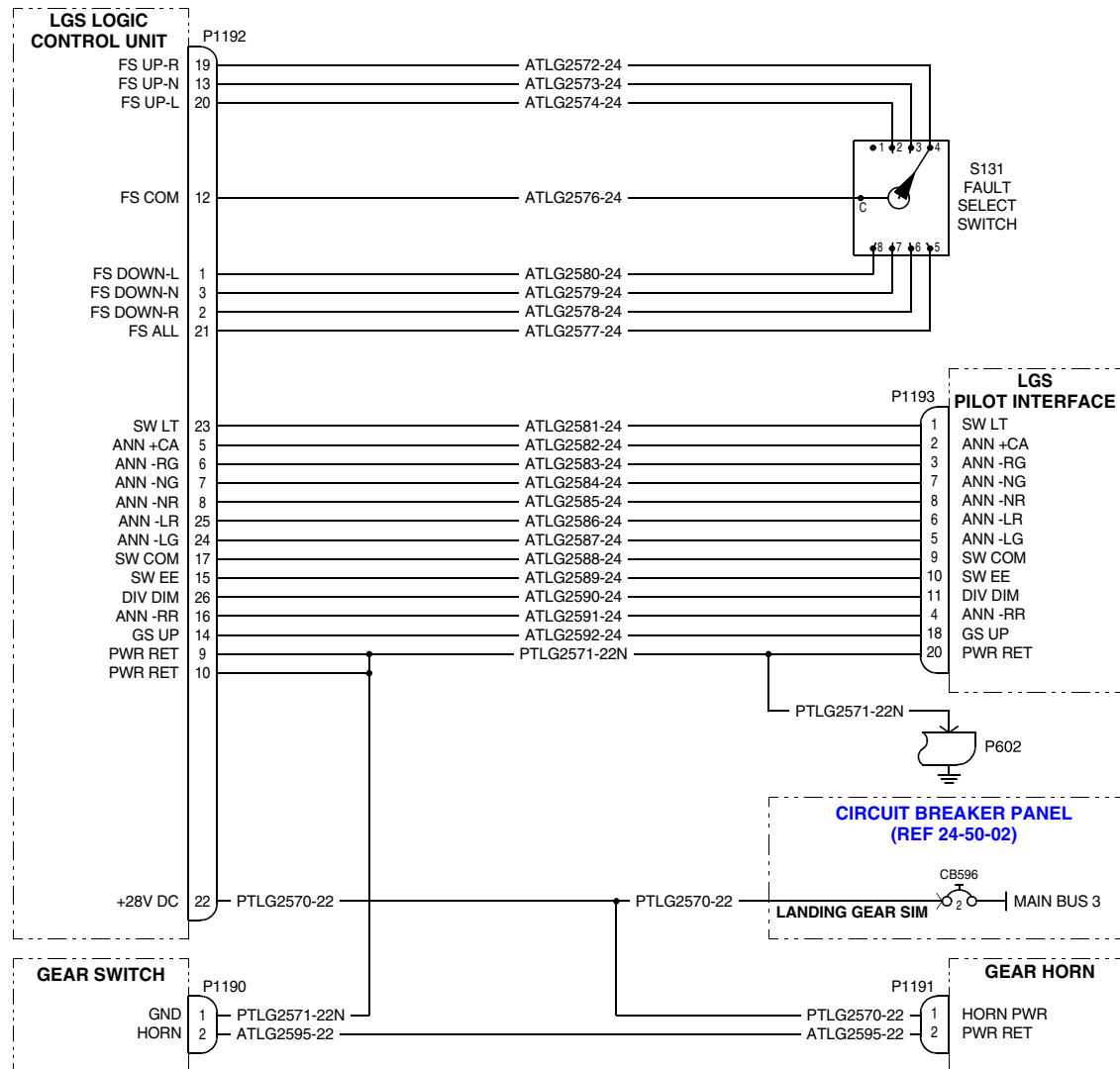
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Cirrus Landing Gear Simulator - Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

Chap-Sect-Fig

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NOTES

Refer to 91-10-00 for connector and pin information.

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Figure-01

Cirrus Landing Gear Simulator - Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

EFFECTIVITY:
Serials 22-3026 & subs w/ Perspective, 22T-0001 & subs

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