MD HELICOPTERS, INC.

CSP–900RMM–3
ROTORCRAFT MAINTENANCE MANUAL

FOR

MD900 EXPLORER
REISSUED: 30 JANUARY 1998

NOTE

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(MDHI Model MD900®)

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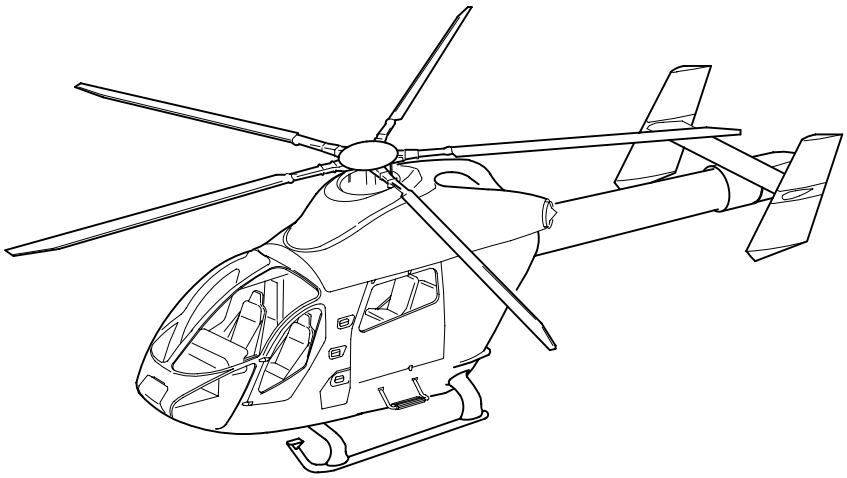
CSP–900RMM–3
(INSTRUMENTS–ELECTRICAL–AVIONICS)



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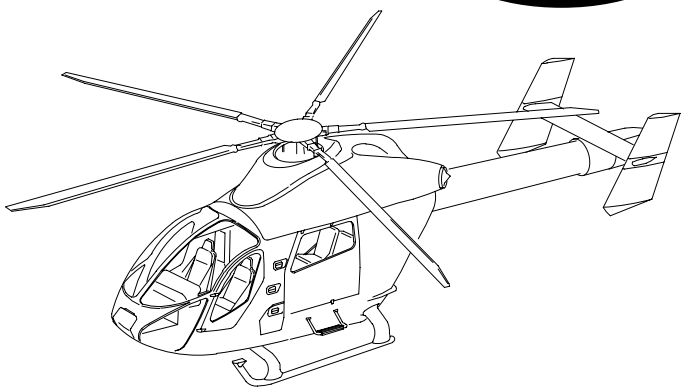

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Section

95–00–00

Instrument Panel

INSTRUMENT PANEL
DESCRIPTION AND OPERATION

1. Effectivity

The MD900 and MD900 Category A, are named the MD900 and MD902. When data in this manual is applicable to both, there will be no name shown. When data is applicable to the MD900 only, that data will be identified as **900 CONFIG**. When data is applicable to the MD900 Category A only, that data will be identified as **902 CONFIG**.

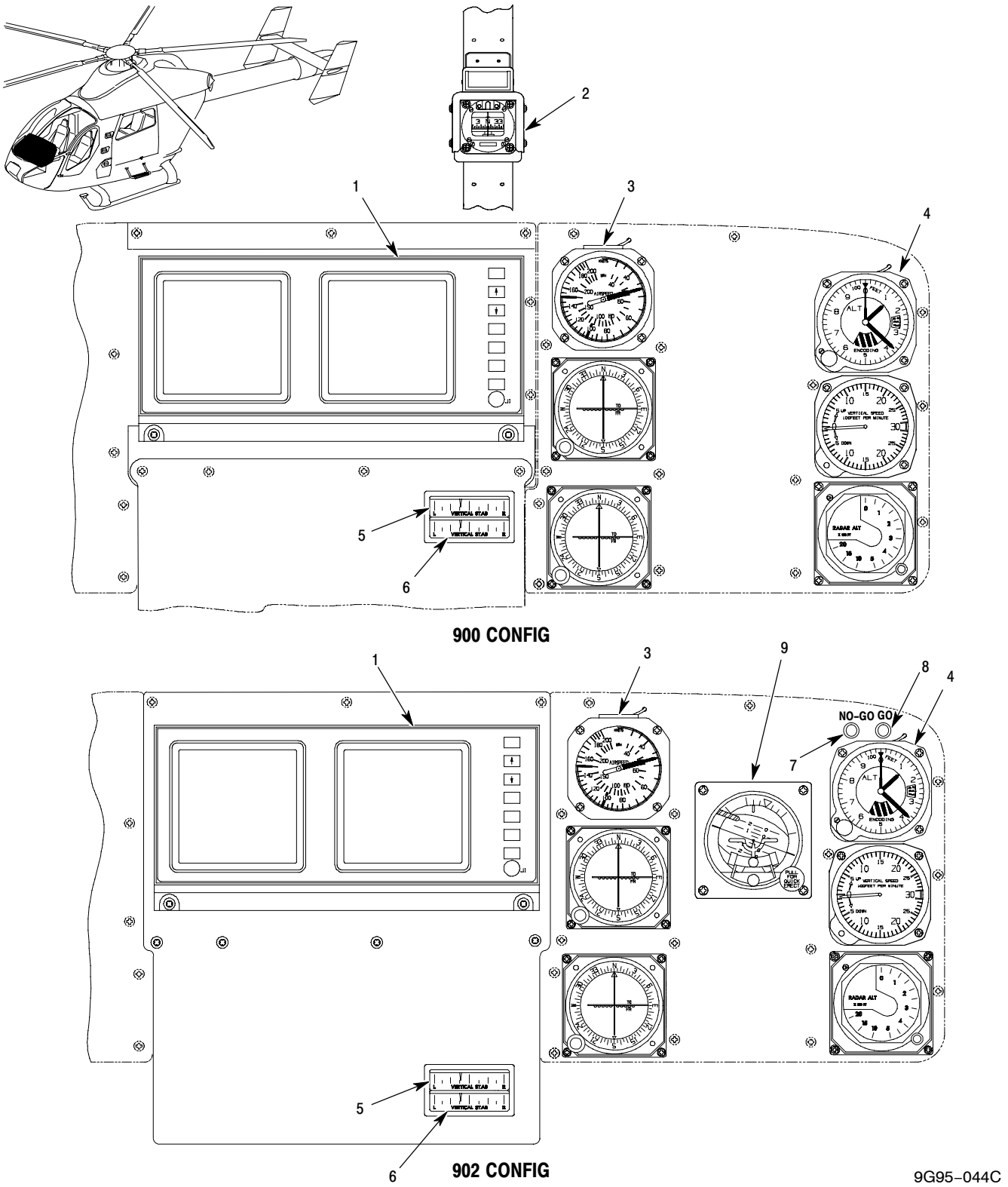
2. Instrument System

(Ref. Figure 1)

The instrument system gives the pilot/copilot flight instrumentation, navigation instrumentation, indications of helicopter system operation, indication of system malfunction, indication of unsafe conditions, and indication that some systems are in operation. The indications are given by standard flight instruments, standard navigation instruments, and an Integrated Instrument Display System (IIDS). Some helicopters can have warning, caution, or advisory annunciator lights. These annunciator lights can be located in the cockpit or cabin compartment.

Standard flight instruments give current helicopter flight data. Standard navigation instruments give current helicopter position data. The IIDS gives system data and has storage of operational and maintenance data. The instrument system has three subsystems:

- Flight Instruments (Ref. Section 95–10–00).
- Navigation Instruments (Ref. Section 95–20–00).
- IIDS (Ref. Section 95–30–00).



1. IIDS
2. MAGNETIC COMPASS
3. AIRSPEED INDICATOR
4. ALTIMETER
5. LEFT VSCS INDICATOR
6. RIGHT VSCS INDICATOR
7. NO–GO LIGHT INDICATOR (AMBER) **(902 CONFIG)**
8. GO LIGHT INDICATOR (GREEN) **(902 CONFIG)**
9. ATTITUDE GYRO **(902 CONFIG)**

Figure 1. Instrument Panel and Locator

INSTRUMENT PANEL
REMOVAL/INSTALLATION

1. Instrument Panel

A. Instrument Panel Enclosure Removal

(Ref. Figure 401)

NOTE: Removal of dual and single pilot instrument panel enclosures are typical.

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Remove instruments from instrument panel enclosure (1) (Ref. Section 95–10–00 and 95–20–00).

(3). Remove Integrated Instrument Display System (IIDS) (Ref. Section 95–30–00).

(4). Remove center instrument panel.

(5). Remove screws (3) and washers (4).

(6). Remove instrument panel enclosure (1) from console (2).

B. Instrument Panel Enclosure Installation

(Ref. Figure 401)

NOTE: Installation of dual and single pilot instrument panel enclosures are typical.

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Prepare surface for electrical bond (Ref. CSP–SPM).

(3). Install instrument panel enclosure on console.

(4). Install screws and washers. Torque screws.

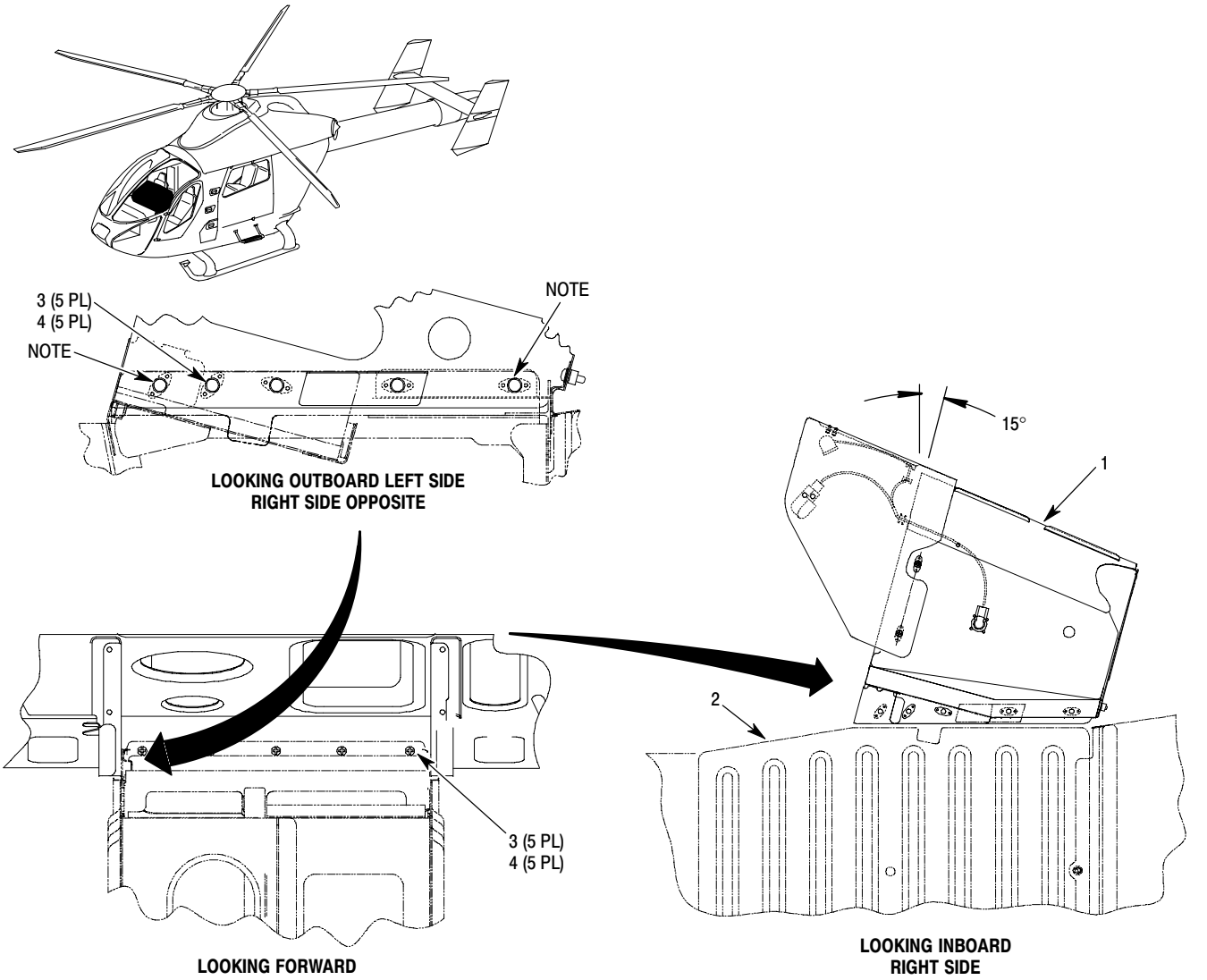
(5). Test instrument panel enclosure for Class “R” electrical bond (Ref. CSP–SPM).

(6). Install center instrument panel.

(7). Install instruments in instrument panel enclosure (Ref. Section 95–10–00 and 95–20–00).

(8). Install Integrated Instrument Display System (IIDS) (Ref. Section 95–30–00).

(9). Connect electrical power to helicopter (Ref. Section 96–00–00).



1. INSTRUMENT PANEL ENCLOSURE
2. CONSOLE
3. SCREW
4. WASHER

Figure 401. Instrument Panel Enclosure

C. Left Instrument Panel (Dual Pilot) Removal

(Ref. Figure 402)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Remove instruments from left instrument panel (3) (Ref. Section 95–10–00 and 95–20–00).

(3). Remove screws (1) and washers (2).

(4). Remove left instrument panel (3).

D. Left Instrument Panel (Dual Pilot) Installation

(Ref. Figure 402)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

NOTE: Locations shown for minimum necessary electrical bond preparation. Some installations may have additional locations prepared for electrical bond.

(2). Prepare surface for electrical bond **0.50 in. (12.7 mm)** diameter (Ref. CSP–SPM).

(3). Install left instrument panel.

(4). Install screws and washers. Torque screws.

(5). Install instruments in left instrument panel (Ref. Section 95–10–00 and 95–20–00).

(6). Test left instrument panel for Class “R” electrical bond (Ref. CSP–SPM).

(7). Connect electrical power to helicopter (Ref. Section 96–00–00).

E. Right Instrument Panel Removal

NOTE: Removal of dual and single pilot right instrument panels are typical.

(Ref. Figure 402)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Remove instruments from right instrument panel (3) (Ref. Section 95–10–00 and 95–20–00).

(3). Remove screws (1) and washers (2).

(4). Remove right instrument panel (4).

F. Right Instrument Panel Installation

NOTE: Installation of dual and single pilot right instrument panels are typical.

(Ref. Figure 402)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

NOTE: Locations shown for minimum necessary electrical bond preparation. Some installations may have additional locations prepared for electrical bond.

(2). Prepare surface for electrical bond **0.50 in. (12.7 mm)** diameter (Ref. CSP–SPM).

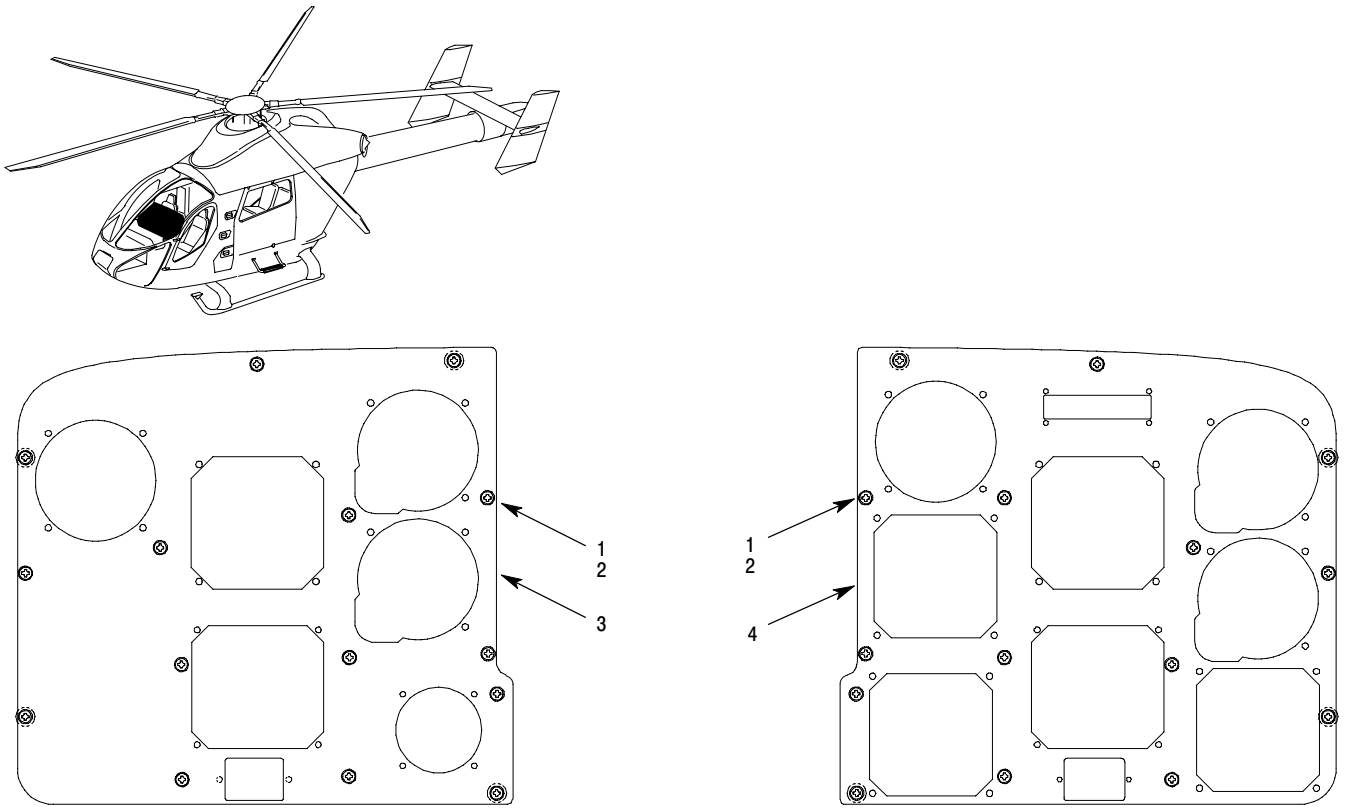
(3). Install right instrument panel.

(4). Install screws and washers. Torque screws.

(5). Install instruments in right instrument panel (Ref. Section 95–10–00 and 95–20–00).

(6). Test right instrument panel for Class “R” electrical bond (Ref. CSP–SPM).

(7). Connect electrical power to helicopter (Ref. Section 96–00–00).



NOTE: THE SYMBOL ◎ SHOWS THE MINIMUM NECESSARY ELECTRICAL BOND PREPERATION LOCATIONS

9G95–075

1. SCREW
2. WASHER
3. LEFT INSTRUMENT PANEL (DUAL PILOT)
4. RIGHT INSTRUMENT PANEL (DUAL PILOT)

Figure 402. Left and Right Instrument Panels

G. Center Instrument Panel (Single Pilot) Removal

(Ref. Figure 403)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). **CURRENT CONFIG –** Remove Integrated Instrument Display System (IIDS) (Ref. Section 95–30–00).

(3). Remove screws (1) and washers (2).

CAUTION Wires are attached to the Vertical Stabilizer Control System (VSCS) indicators. Use care when you remove the panel, damage to the connections can occur.

(4). **EARLY CONFIG –** Remove lower filler (8) sufficiently to disconnect wires form VSCS indicators (4 and 5).

(5). **CURRENT CONFIG –** Remove center instrument panel (3) sufficiently to disconnect wires form VSCS indicators (4 and 5).

(6). Remove screws that attach wires to VSCS indicators (4 and 5). Tag wires for identification.

(7). **EARLY CONFIG –** Remove lower filler (8).

(8). **CURRENT CONFIG –** Remove center instrument panel (3).

(9). **EARLY CONFIG –** Use hex key to move slides on VSCS indicators (4 and 5) away from lower filler (8).

(10). **CURRENT CONFIG –** Use hex key to move slides on VSCS indicators (4 and 5) away from center instrument panel (3).

(11). **EARLY CONFIG –** Remove VSCS indicators (4 and 5) and bezel (6) from lower filler (8).

(12). **CURRENT CONFIG –** Remove VSCS indicators (4 and 5) and bezel (6) from center instrument panel (3).

(13). Remove screws (10) and washers (11).

(14). **EARLY CONFIG –** Remove upper filler (7).

H. Center Instrument Panel (Single Pilot) Installation

(Ref. Figure 403)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

NOTE: Locations shown for minimum necessary electrical bond preparation. Some installations may have additional locations prepared for electrical bond.

(2). Prepare surface for electrical bond **0.50 in. (12.7 mm)** diameter (Ref. CSP–SPM).

(3). **EARLY CONFIG –** Install VSCS indicators in bezel and install into lower filler.

(4). **CURRENT CONFIG –** Install VSCS indicators in bezel and install into center instrument panel.

(5). **EARLY CONFIG –** Use hex key to move slides on VSCS indicators against lower filler. Torque hex screws.

(6). **CURRENT CONFIG –** Use hex key to move slides on VSCS indicators against center instrument panel. Torque hex screws.

(7). Attach wires to VSCS indicators and install screws. Torque screws.

(8). **EARLY CONFIG –** Install lower filler.

(9). **CURRENT CONFIG –** Install center instrument panel.

(10). Install screws and washers. Torque screws.

(11). **EARLY CONFIG –** Test lower filler for Class “R” electrical bond (Ref. CSP–SPM).

(12). **CURRENT CONFIG –** Test center instrument panel for Class “R” electrical bond (Ref. CSP–SPM).

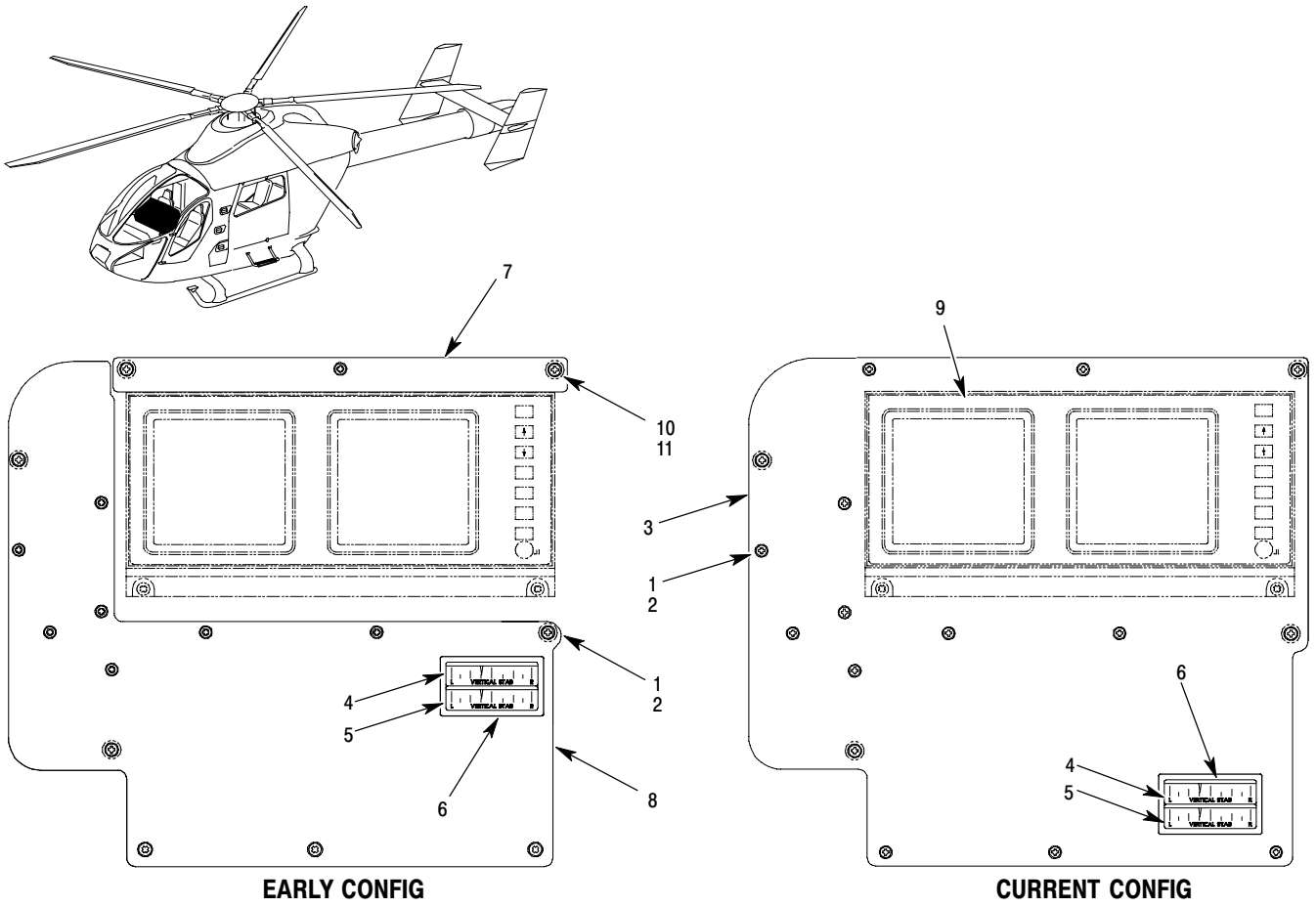
(13). **CURRENT CONFIG –** Install IIDS (Ref. Section 95–30–00).

(14). **EARLY CONFIG –** Install upper filler.

(15). **EARLY CONFIG –** Install screws and washers. Torque screws.

(16). **EARLY CONFIG –** Test upper filler for Class “R” electrical bond (Ref. CSP–SPM).

(17). Connect electrical power to helicopter (Ref. Section 96–00–00).



NOTE: THE SYMBOL ◎ SHOWS THE MINIMUM NECESSARY ELECTRICAL BOND PREPERATION LOCATIONS

9G95–076

1. SCREW
2. WASHER
3. CENTER INSTRUMENT PANEL
4. LEFT VSCS INDICATOR
5. RIGHT VSCS INDICATOR
6. BEZEL
7. UPPER FILLER
8. LOWER FILLER
9. IIDS
10. SCREW
11. WASHER

Figure 403. Center Instrument Panel (Single Pilot)

I. Center Instrument Panel (Dual Pilot) Removal

(Ref. Figure 404)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). **CURRENT CONFIG -** Remove Integrated Instrument Display System (IIDS) (Ref. Section 95–30–00).

(3). Remove screws (1) and washers (2).

CAUTION Wires are attached to the Vertical Stabilizer Control System (VSCS) indicators. Use care when you remove the panel, damage to the connections can occur.

(4). **EARLY CONFIG -** Remove lower filler (8) sufficiently to disconnect wires form VSCS indicators (4 and 5).

(5). **CURRENT CONFIG –** Remove center instrument panel (3) sufficiently to disconnect wires form VSCS indicators (4 and 5).

(6). Remove screws that attach wires to VSCS indicators (4 and 5). Tag wires for identification.

(7). **EARLY CONFIG –** Remove lower filler (8).

(8). **CURRENT CONFIG –** Remove center instrument panel (3).

(9). **EARLY CONFIG –** Use hex key to move slides on VSCS indicators (4 and 5) away from lower filler (8).

(10). **CURRENT CONFIG –** Use hex key to move slides on VSCS indicators (4 and 5) away from center instrument panel (3).

(11). **EARLY CONFIG –** Remove VSCS indicators (4 and 5) and bezel (6) from lower filler (8).

(12). **CURRENT CONFIG –** Remove VSCS indicators (4 and 5) and bezel (6) from center instrument panel (3).

(13). Remove screws (10) and washers (11).

(14). **EARLY CONFIG –** Remove upper filler (7).

J. Center Instrument Panel (Dual Pilot) Installation

(Ref. Figure 404)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

NOTE: Locations shown for minimum necessary electrical bond preparation. Some installations may have additional locations prepared for electrical bond.

(2). Prepare surface for electrical bond **0.50 in. (12.7 mm)** diameter (Ref. CSP–SPM).

(3). **EARLY CONFIG –** Install VSCS indicators in bezel and install into lower filler.

(4). **CURRENT CONFIG –** Install VSCS indicators in bezel and install into center instrument panel.

(5). **EARLY CONFIG –** Use hex key to move slides on VSCS indicators against lower filler. Torque hex screws.

(6). **CURRENT CONFIG –** Use hex key to move slides on VSCS indicators against center instrument panel. Torque hex screws.

(7). Attach wires to VSCS indicators and install screws. Torque screws.

(8). **EARLY CONFIG –** Install lower filler.

(9). **CURRENT CONFIG –** Install center instrument panel.

(10). Install screws and washers. Torque screws.

(11). **EARLY CONFIG –** Test lower filler for Class “R” electrical bond (Ref. CSP–SPM).

(12). **CURRENT CONFIG –** Test center instrument panel for Class “R” electrical bond (Ref. CSP–SPM).

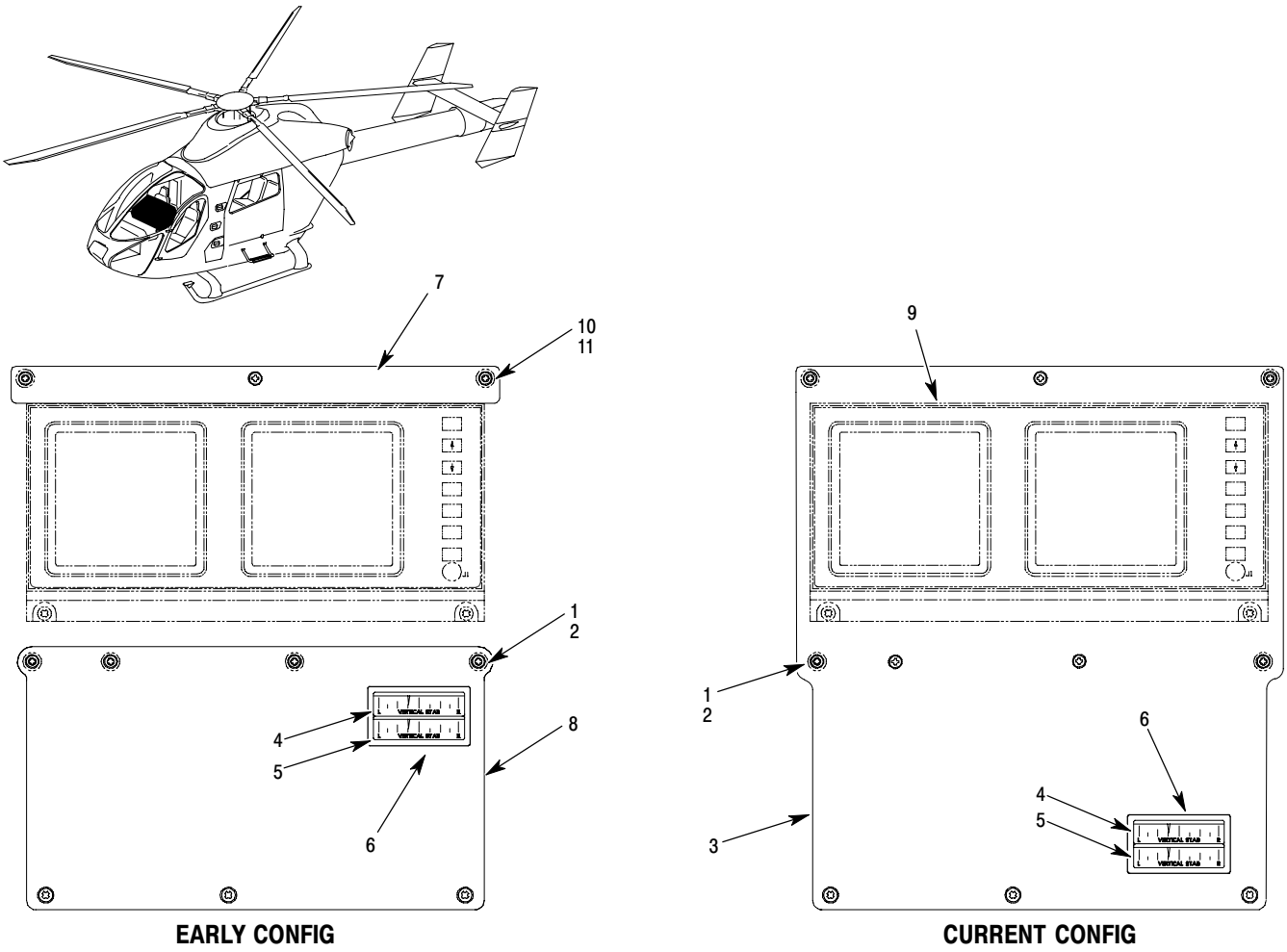
(13). **CURRENT CONFIG –** Install IIDS (Ref. Section 95–30–00).

(14). **EARLY CONFIG –** Install upper filler.

(15). **EARLY CONFIG –** Install screws and washers. Torque screws.

(16). **EARLY CONFIG –** Test upper filler for Class “R” electrical bond (Ref. CSP–SPM).

(17). Connect electrical power to helicopter (Ref. Section 96–00–00).



NOTE: THE SYMBOL ◎ SHOWS THE MINIMUM NECESSARY ELECTRICAL BOND PREPERATION LOCATIONS

9G95–074

1. SCREW
2. WASHER
3. CENTER INSTRUMENT PANEL
4. LEFT VSCS INDICATOR
5. RIGHT VSCS INDICATOR
6. BEZEL
7. UPPER FILLER
8. LOWER FILLER
9. IIDS
10. SCREW
11. WASHER

Figure 404. Center Instrument Panel (Dual Pilot)

2. Glareshield

NOTE: Removal and installation for dual and single pilot glareshield are typical.

A. Glareshield Removal

(Ref. Figure 405)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Disconnect electrical connector **P125** (1).

(3). Remove screws (3).

(4). Remove glareshield (2).

B. Glareshield Installation

(Ref. Figure 405)

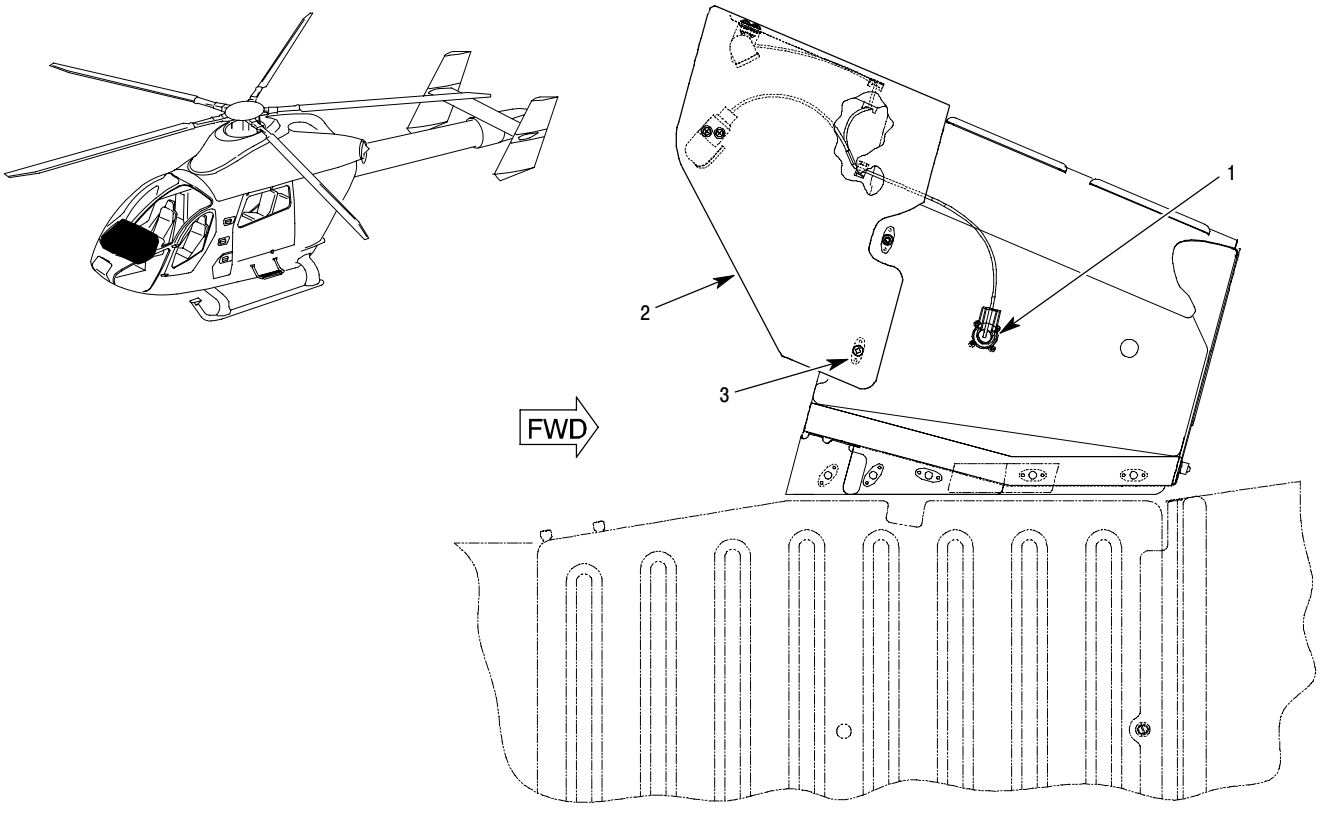
Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Install glareshield on instrument panel and install screws. Torque screws.

(3). Connect electrical connector **P125**.

(4). Connect electrical power to helicopter (Ref. Section 96–00–00).



1. CONNECTOR P125
2. GLARESHIELD
3. SCREW

Figure 405. Glareshield

3. Top Cover

NOTE: Removal and installation for dual and single pilot top covers are typical.

A. Top Cover Removal

(Ref. Figure 406)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Remove glareshield.

(3). Remove screws (2).

(4). Remove top cover (1).

B. Top Cover Installation

(Ref. Figure 406)

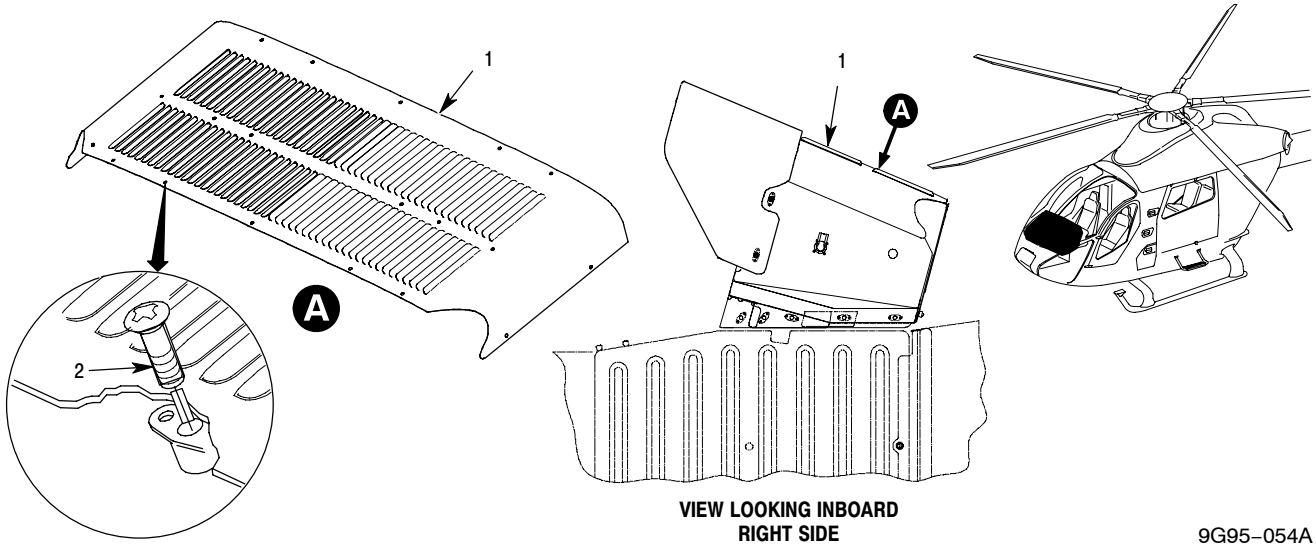
Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Install top cover on instrument panel and install screws. Torque screws.

(3). Install glareshield.

(4). Connect electrical power to helicopter (Ref. Section 96–00–00).



1. TOP COVER
2. SCREW

Figure 406. Top Cover

INSTRUMENT PANEL

INSPECTION/TEST

1. Instrument Panel

A. Instrument Panel Enclosure Inspection (Area 1)

(Ref. Figure 401)

(1). Inspect for corrosion, scratches or nicks. None allowed.

(2). Inspect for dents or cracks. None allowed.

(3). Inspect for loose or missing hardware. None allowed.

(4). Make sure instrument panel enclosure is correctly attachment to console.

B. Instrument Panel Inspection (Area 1)

(Ref. Figure 402, Figure 403, and Figure 404)

(1). Inspect for corrosion, scratches or nicks. None allowed.

(2). Inspect for dents or cracks. None allowed.

(3). Inspect for loose or missing hardware. None allowed.

(4). Make sure instrument panels are correctly attachment to instrument panel enclosure.

C. Glareshield Inspection (Area 1)

(Ref. Figure 405)

(1). Inspect glareshield for dents or cracks. None allowed.

(2). Inspect flood light wire harness for loose, nicked or broken wires. None allowed.

(3). Disconnect electrical connector **P125** and visually inspect for:

- Cracks or corrosion. None allowed.
- Damaged threads. **50 percent** of one thread maximum allowed.
- Broken, bent, burnt or corroded pins. None allowed.

(4). Connect electrical connector **P125**.

(5). Make sure glareshield is correctly attachment to instrument panel enclosure.

D. Top Cover Inspection (Area 1)

(Ref. Figure 406)

(1). Inspect for corrosion, scratches or nicks. None allowed.

(2). Inspect for dents or cracks. None allowed.

(3). Inspect for loose or missing hardware. None allowed.

(4). Make sure top cover is correctly attachment to instrument panel enclosure.

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Section

95–10–00

Flight Instruments

FLIGHT INSTRUMENTS

DESCRIPTION AND OPERATION

1. Flight Instruments

(Ref. Figure 1)

The flight instruments subsystem shows current flight information. The subsystem consists of a pitot/static air pressure system and instruments. The flight instruments are installed in or near the instrument panel. The flight instruments components are:

- Airspeed Indicator
- Encoding Altimeter
- **GO/NO-GO** Indicator Lights
- Vertical Stabilizer Control System (VSCS) Indicators
- Pitot Static System
- Vertical Speed Indicator (VSI)
- Radar Altimeter

A. Airspeed Indicator

(Ref. Figure 1)

The airspeed indicator is installed in the instrument panel. It converts differential pressure air into airspeed through a range of 0 to 200 knots. The airspeed indicator receives static air from the static air system, and pressurized air from the pitot system. The airspeed indicator compares the two air pressures and converts the difference to airspeed. The airspeed indicator also includes an airspeed threshold switch that is closed at airspeeds above 47 kts.

B. Altimeter (Encoding)

(Ref. Figure 1)

The altimeter is installed in the instrument panel. The altimeter can be manually adjusted for changes in barometric pressure. The encoding altimeter receives static air pressure from the static air system. The static air pressure is changed into electrical signals that show the pressure altitude. The pressure altitude signals are sent to the IIDS for display. The pressure altitude signals are sent through the IIDS to the EEC. The EEC uses the pressure altitude signals to calculate the necessary fuel/torque.

C. GO/NO–GO Indicator Lights

(Ref. Figure 1 and Figure 2)

900 CONFIG - helicopters equipped with Pratt and Whitney PW206A engines can reference Technical Bulletin TB900–014 for data to install the **GO/NO-GO** indicator lights. Technical Bulletin TB900–014R3 (or later) has data to modify the lighting system for dimming control of the **GO/NO-GO** indicator lights.

902 CONFIG - The **GO/NO-GO** indicator lights are installed in the instrument panel, above the altimeter. The lights receive power from the battery bus. The lights can be dimmed when the **LIGHT MASTER** switch on the **LIGHTING CONTROL** panel is set to the **ON** position and the IIDS rotary knob is rotated counter clockwise.

902 EARLY CONFIG - The lights are controlled by the **TIMER - SET/OFF** switch on the pilot collective switch panel. The **NO-GO** light (amber) will come on for 8 seconds after the **TIMER** switch is set to **SET** position. The **GO** light (green) will come on after the **NO-GO** light goes off. To stop the takeoff timer, set the **TIMER** switch to **OFF** position.

902 CURRENT CONFIG - The lights are controlled by the **T/O TIMER** switch on the pilot collective switch panel. The **NO-GO** light (amber) will come on for 8 seconds after the **T/O TIMER** is pushed in. The **GO** light (green) will come on after the **NO-GO** light goes off. To stop the takeoff timer, push in on the **T/O TIMER** switch again.

D. VSCS Indicators

(Ref. Figure 1)

The VSCS indicators show the position of the horizontal endplates to the pilots.

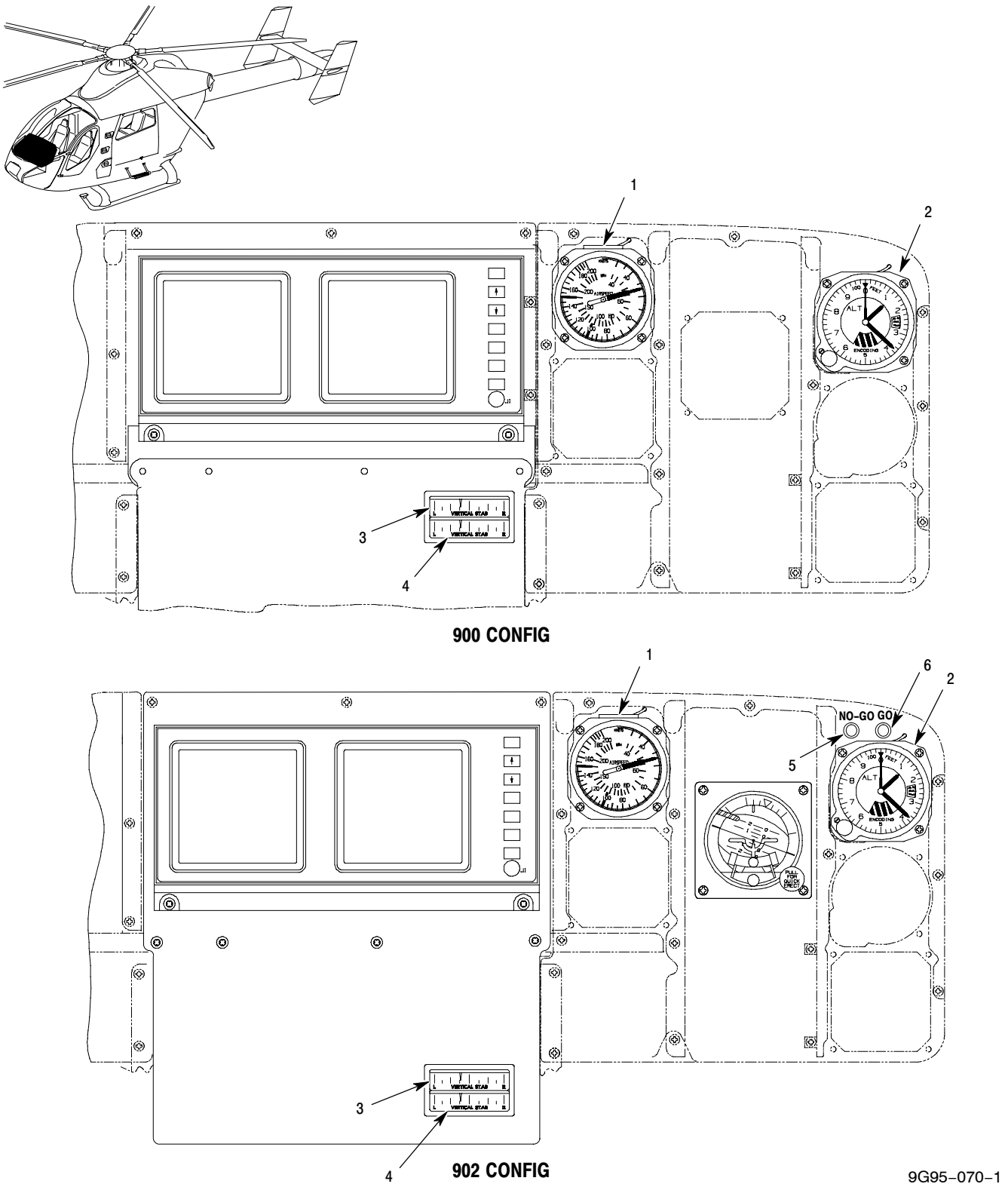
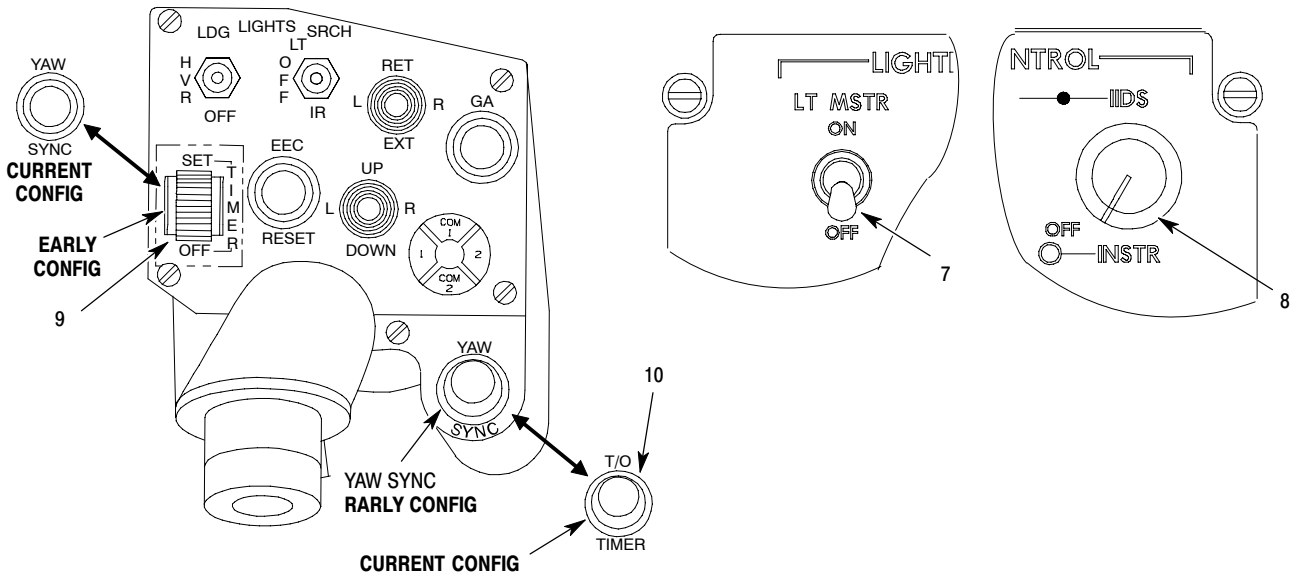


Figure 1. Flight Instruments, Indicators, and Controls (Sheet 1 of 2)



902 CONFIG

9G95–070–2

1. AIRSPEED INDICATOR
2. ALTIMETER
3. LEFT VSCS INDICATOR
4. RIGHT VSCS INDICATOR
5. LIGHT INDICATOR (AMBER) **(902 CONFIG)**
6. LIGHT INDICATOR (GREEN) **(902 CONFIG)**
7. LIGHT MASTER SWITCH
8. IIDS ROTARY KNOB
9. TAKEOFF TIMER SWITCH **(902 EARLY CONFIG)**
10. TAKEOFF TIMER SWITCH **(902 CURRENT CONFIG)**

Figure 1 Flight Instruments, Indicators, and Controls (Sheet 2 of 2)

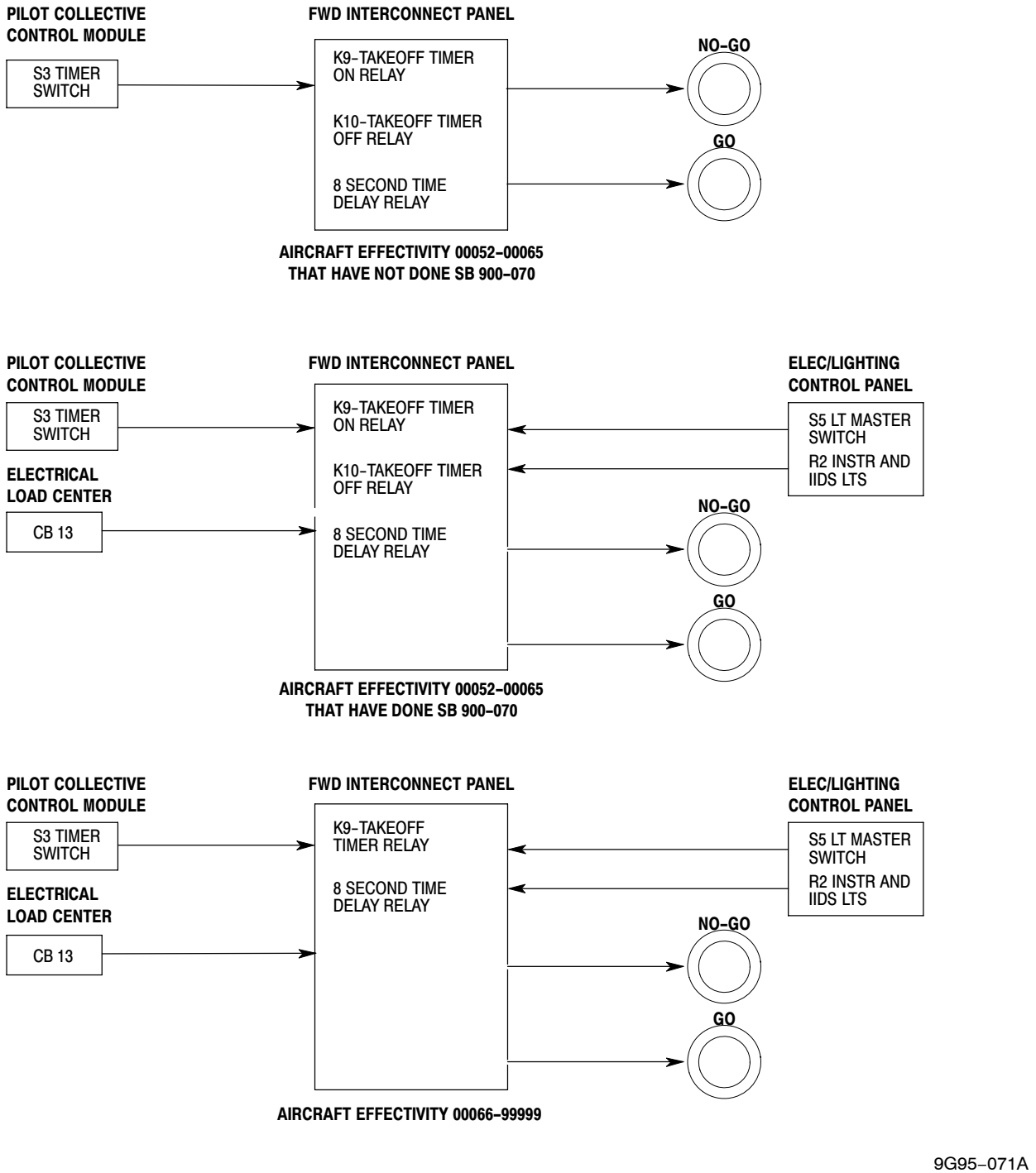


Figure 2. GO/NO–GO Block Diagram (902 CONFIG)

E. Single Pilot Pitot Static System

(Ref. Figure 3)

The pitot static system has two subsystems:

- Static Air
- Pitot Air

The static air system gives a static air source for the encoding altimeter, the barometric altimeter and the airspeed indicator. The system has static ports on both sides of the helicopter. The ports are shaped to make sure the airflow over the port is correct to give the most accurate static air pressure.

There is an alternative air source for the static system that opens the system to cockpit air if the static ports become clogged. The alternative air source is opened with a toggle valve installed on the right side of the instrument panel enclosure.

The static system has fluid drains at the two low points in the system. The drains are behind the left and right avionics access panels.

The pitot air system gives a pressurized air source for the airspeed indicator. The pressurized air is given by a pitot tube that is installed in the front of the helicopter and to the right of the access panel N80.

F. Heated Pitot tube (Optional)

(Ref. Figure 3)

NOTE: The heated pitot tube can be installed in the single or dual pitot systems.

In a single pitot system, the heated pitot tube gets 28Vdc from 7.5A circuit breaker **PITOT HEAT 1** on the **ESSENTIAL BUS** circuit breaker panel. The pitot is heated when the **PITOT HEAT** switch on the utility control panel is set to **ON**.

900 CONFIG - The left heated pitot tube in a dual pitot system gets 28Vdc from 5A circuit breaker **PITOT HEAT2** of the **L GENERATOR BUS** on the electrical load center circuit breaker panel. The right pitot tube gets 28Vdc from 5A circuit breaker **PITOT HEAT 1** on the **ESSENTIAL BUS** circuit breaker panel. Both pitot tube are heated when the **PITOT HEAT** switch on the utility control panel is set to **ON**.

902 CONFIG - The left heated pitot tube in a dual pitot system gets 28Vdc from 5A circuit breaker **FUEL VLV L** on the **L ESS BUS** circuit breaker panel. And is heated when the **L PITOT HEAT** switch on the **L ESS BUS** auxiliary panel is set to **ON**. The right pitot tube gets 28Vdc from circuit breaker **PITOT HEAT R** on the **R ESS BUS** circuit breaker panel. And is heated when the **PITOT HEAT** switch on the utility control panel is set to **ON**.

G. Dual Pilot Pitot Static System (Optional)

(Ref. Figure 3)

The dual pilot pitot static system adds tubing to the single pilot pitot static system for the copilot's flight instruments.

H. Dual Pitot Static System (Optional)

(Ref. Figure 3)

The dual pilot dual pitot static system has two isolated pitot static systems. The right pitot tube gives pitot air to the pilot,s airspeed indicator. And the left pitot tube gives pitot air to the copilot,s airspeed indicator. The left pitot tube is installed in the front of the helicopter and to the left of access panel N80.

The right top and left bottom static ports give static air to the pilot's instruments. The right bottom and left top static ports give static air to the copilot's instruments.

The two static systems have fluid drains at the two low points in each system. The drains are behind the left and right avionics access panels.

There is an alternative air source for each static system that opens the system to cockpit air if the static ports become clogged. The alternative air source is opened with a toggle valve located on each side of the instrument panel enclosure.

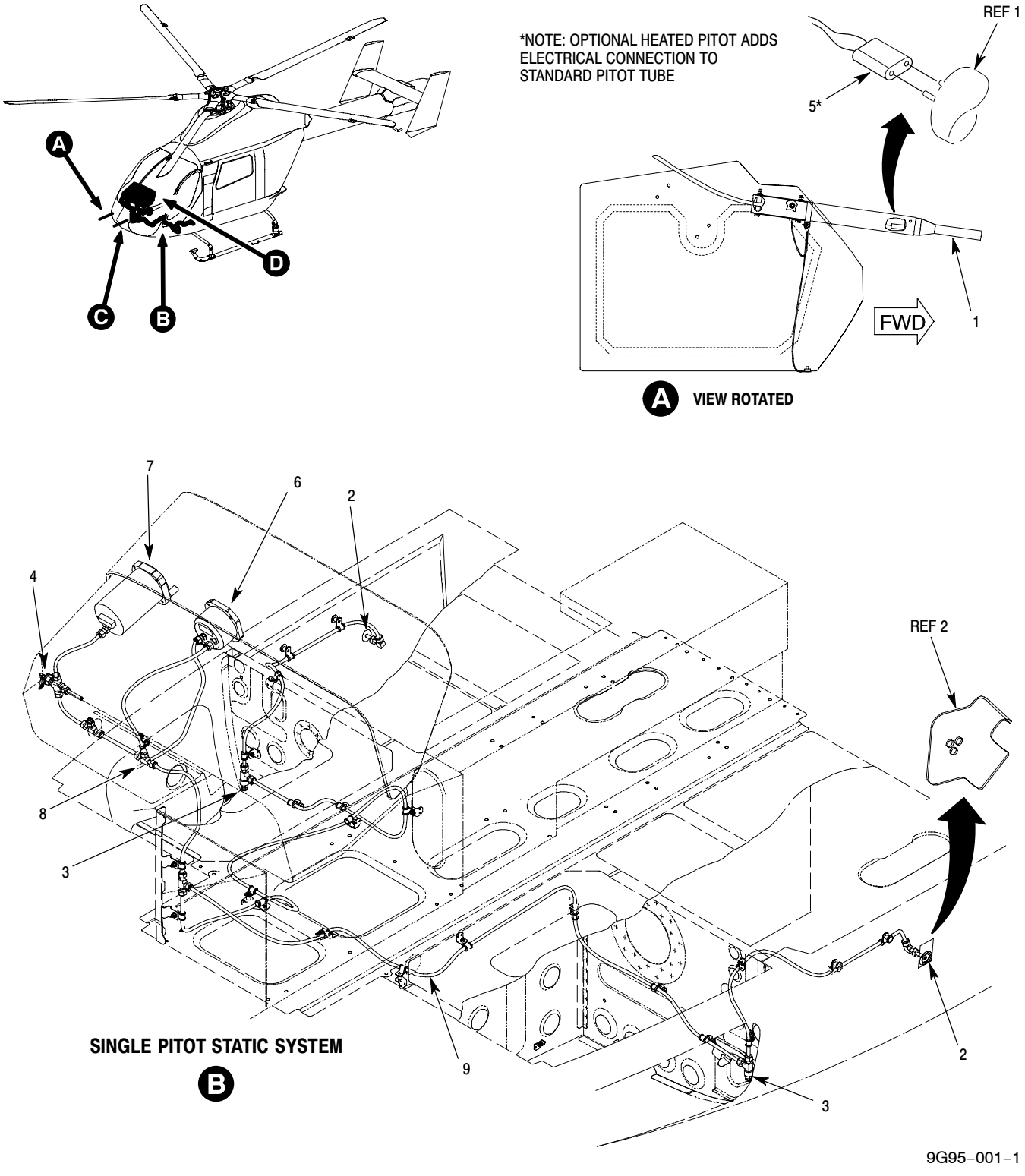
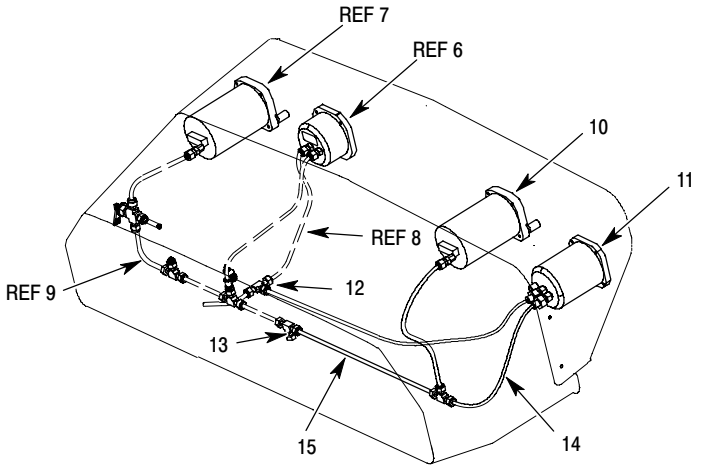
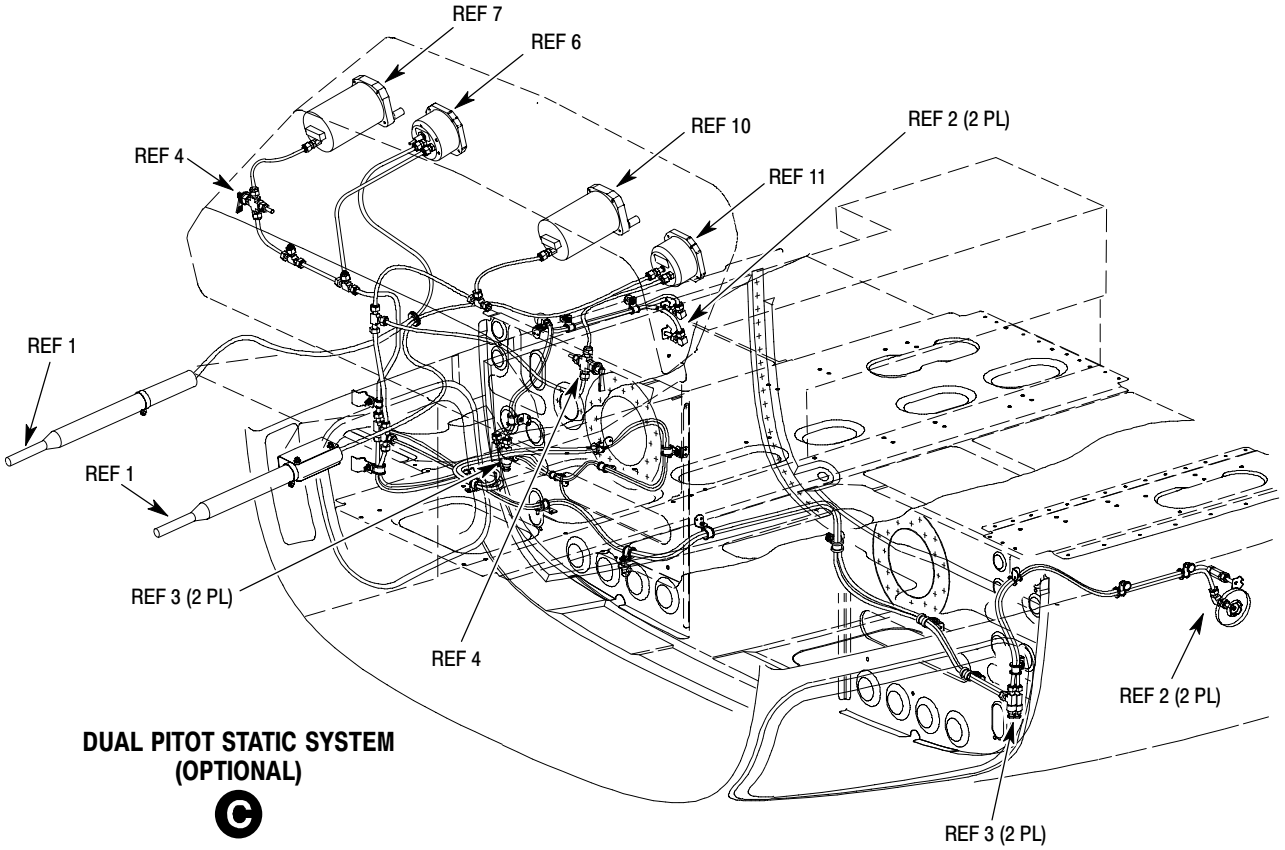


Figure 3. Pitot Static System (Sheet 1 of 2)



DUAL PILOT SINGLE PITOT STATIC SYSTEM (OPTIONAL)

D



DUAL PITOT STATIC SYSTEM (OPTIONAL)

C

9G95–001–2

Figure 3 Pitot Static System (Sheet 2 of 2)

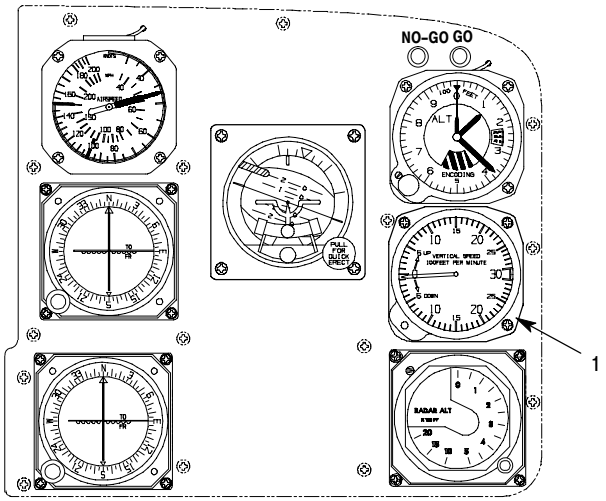
Legend (Ref. Figure 3)

1. PITOT TUBE
2. STATIC PORT
3. STATIC TUBING DRAIN
4. ALTERNATIVE STATIC AIR TOGGLE VALVE
5. HEATED PITOT TUBE ELECTRICAL CONNECTION (OPTIONAL)
6. PILOT'S AIRSPEED INDICATOR
7. PILOT'S ALTIMETER
8. PILOT'S PITOT TUBING
9. PILOTS STATIC TUBING
10. COPILOT'S ALTIMETER
11. COPILOT'S AIRSPEED INDICATOR
12. TEE TO CONNECT COPILOT'S PITOT TUBING
13. TEE TO CONNECT COPILOT'S STATIC TUBING
14. COPILOT'S STATIC TUBING
15. COPILOT'S PITOT TUBING

I. Vertical Speed Indicator (Optional)

(Ref. Figure 4)

The vertical speed indicator is installed in the instrument panel. The indicator is connected to the static system through a tee fitting. The indicator shows the speed up or down of the helicopter.



1. VERTICAL SPEED INDICATOR

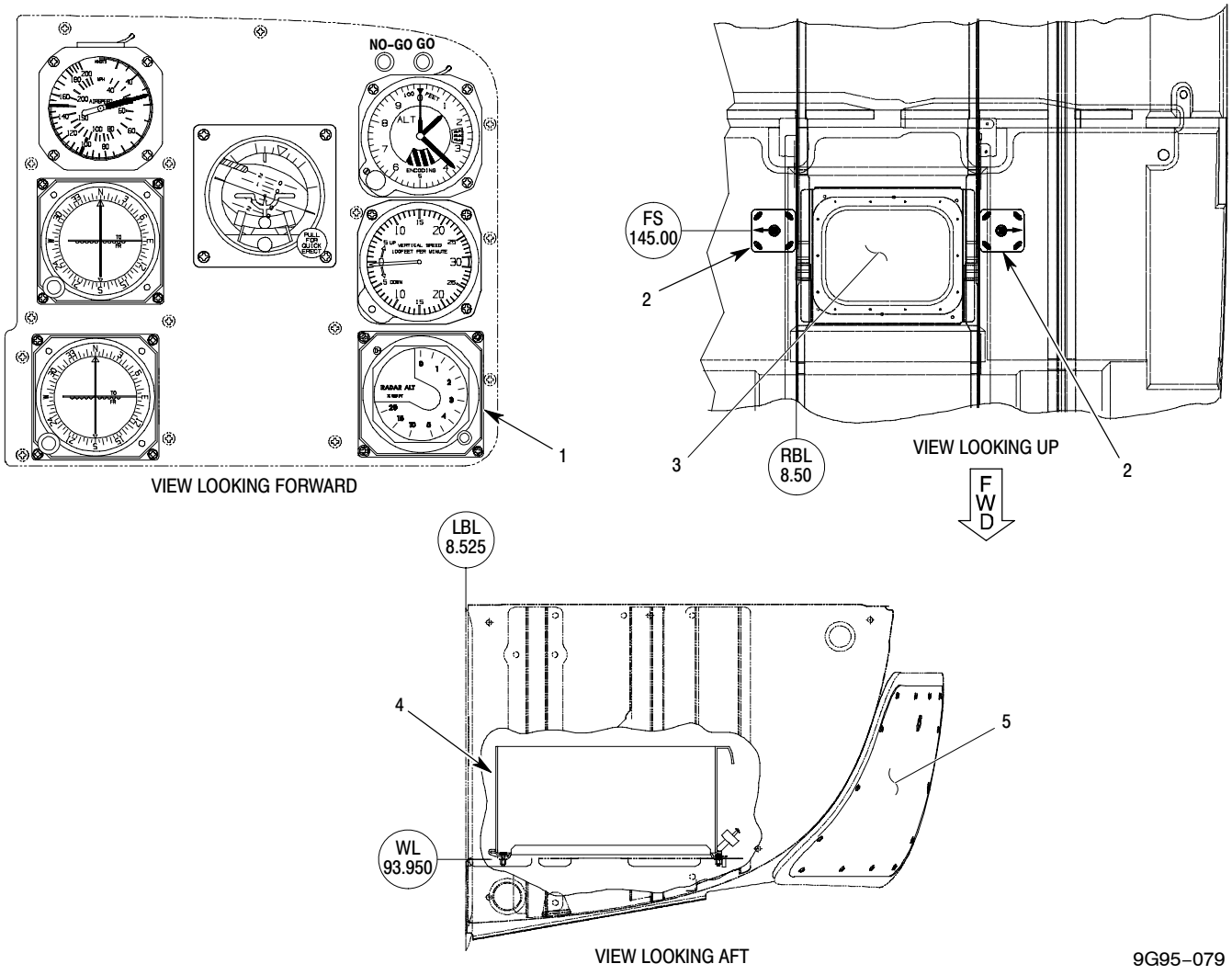
Figure 4. Vertical Speed Indicator (Optional)

J. Radar Altimeter (Optional)

(Ref. Figure 5)

The radar altimeter system has two microstrip antennas installed on the bottom of the fuselage, a remote unit installed in the left avionics bay, and an indicator installed in the instrument panel.

The radar altimeter finds and shows the height of the helicopter above the ground. The remote unit sends a signal out one of the two microstrip antennas. The other microstrip antenna sends the reflection of the signal off the ground to the remote unit. The remote unit finds the distance to the ground by doing an analysis of the time between when it sends the signal and gets the signal reflection. The remote unit then sends the height of the helicopter above the ground for display on the radar altimeter indicator. The radar altimeter system gets 28Vdc from 5A circuit breaker **RAD ALT** of the **LEFT AVIONICS BUS** on the electrical load center circuit breaker panel.



1. RADAR ALTIMETER INDICATOR
2. MICRO STRIP ANTENNA
3. CENTER ACCESS PANEL (B142)
4. RADAR ALTIMETER REMOTE UNIT
5. LEFT AVIONICS ACCESS PANEL (L109)

Figure 5. Radar Altimeter (Optional)

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FLIGHT INSTRUMENTS

FAULT ISOLATION

1. Airspeed Indication System Fault Isolation

The fault isolation procedures that follow, are a brief summary of airspeed indication system faults which can occur (Ref. Table 101).

Table 101. Airspeed Indication System Fault Isolation

Fault	Probable Cause	Corrective Action	Ref. Section
Pointer indicates incorrectly.	Moisture in static tubing.	Drain static tubing.	95–10–00
	Foreign matter in pitot tube or pitot tubing.	Remove foreign matter from pitot tube or pitot tubing.	95–10–00
	Leak in pitot and/or static tubing.	Replace pitot and/or static tubing.	95–10–00
	Faulty airspeed indicator.	Replace airspeed indicator.	95–10–00
Pointer does not move.	Pitot tubing not connected.	Connect pitot tubing.	95–10–00
	Pitot tube or pitot tubing clogged.	Remove unwanted material from pitot tube or pitot tubing.	95–10–00
	Faulty airspeed indicator.	Replace airspeed indicator.	95–10–00
Pointer has too much irregular movement.	Water in static tubing.	Drain static tubing.	95–10–00
	Unwanted material in pitot tube or pitot tubing.	Remove unwanted material from pitot tube or pitot tubing.	95–10–00
	Leak in pitot and/or static tubing.	Replace pitot and/or static tubing.	95–10–00
	Faulty airspeed indicator.	Replace airspeed indicator.	95–10–00

2. Altimeter System Fault Isolation

The fault isolation procedures that follow, are a brief summary of altimeter system faults which can occur (Ref. Table 102).

Table 102. Altimeter System Fault Isolation

Fault	Probable Cause	Corrective Action	Ref. Section
Incorrect indication.	Altimeter not adjusted to correct barometric pressure.	Turn adjustment knob to set altimeter to local barometric pressure.	95–10–00
	Leak in static tubing.	Replace static tubing.	95–10–00
	Clogged static ports.	Clean static ports.	95–10–00
	Faulty altimeter.	Replace altimeter.	95–10–00

Table 102. Altimeter System Fault Isolation (Cont.)

Fault	Probable Cause	Corrective Action	Ref. Section
Pointer does not move.	Static tubing not connected.	Connect static tubing.	95–10–00
	Clogged static ports.	Clean static ports.	95–10–00
	Faulty altimeter.	Replace altimeter.	95–10–00
PRESSURE ALTITUDE indication on alphanumeric display of IIDS does not agree with altimeter indication. (SENSFALT=3 in IIDS datalog).	Faulty wiring.	Test and repair wiring.	CSP–SPM 20–60–00
	Faulty altimeter.	Replace altimeter.	95–10–00
	Faulty IIDS.	Ref. IIDS Fault Isolation.	95–30–00

3. GO/NO–GO Indicator lights system Fault Isolation (902 CONFIG)

The fault isolation procedures that follow, are a brief summary of **GO/NO-GO** indicator lights system faults which can occur (Ref. Table 103). Power to system is applied and circuit breakers are closed.

Full wire diagrams are available (Ref. Section 98–40–00).

Table 103. GO/NO–GO Indicator lights system Fault Isolation

Fault	Probable Cause	Corrective Action	Ref. Section
GO or **NO–GO** indicator lights do not come on.	Faulty indicator light bulb.	Replace faulty indicator light bulb.	96–00–00 and CSP–SPM 20–60–00
	Faulty wiring.	Test and repair wiring.	CSP–SPM 20–60–00
	EARLY CONFIG – Faulty **T/O TIMER** switch.	Test **T/O TIMER** switch and replace if necessary.	CSP–SPM 20–60–00 and 67–10–20
	CURRENT CONFIG – Faulty **TIMER SET/OFF** switch.	Test **TIMER SET/OFF** switch and replace if necessary.	CSP–SPM 20–60–00 and 67–10–20
	Faulty circuit breaker.	Test **T/O TIMER** circuit breaker and replace if necessary.	CSP–SPM 20–60–00
	Faulty relay.	Test relay and replace if necessary.	CSP–SPM 20–60–00
	Faulty indicator light.	Test indicator light and replace if necessary.	CSP–SPM 20–60–00
NO–GO indicator light does not go off.	Faulty wiring.	Test and repair wiring.	CSP–SPM 20–60–00
	Faulty relay.	Test relay and replace if necessary.	CSP–SPM 20–60–00

Table 103. GO/NO–GO Indicator lights system Fault Isolation (Cont.)

Fault	Probable Cause	Corrective Action	Ref. Section
GO indicator light does not go off.	Faulty wiring.	Test and repair wiring.	CSP–SPM 20–60–00
	EARLY CONFIG – Faulty **T/O TIMER** switch.	Test **T/O TIMER** switch and replace if necessary.	CSP–SPM 20–60–00 and 67–10–20
	CURRENT CONFIG – Faulty **TIMER SET/OFF** switch.	Test **TIMER SET/OFF** switch and replace if necessary.	CSP–SPM 20–60–00 and 67–10–20
GO/NO–GO indicator lights do not dim.	Faulty wiring.	Test and repair wiring.	CSP–SPM 20–60–00
	Faulty **INSTR** switch.	Test **INSTR** switch and replace if necessary.	CSP–SPM 20–60–00
	Faulty light dimmer power supply.	Replace light dimmer power supply.	96–40–00

4. Vertical Stabilizer Control System (VSCS) Indication System Fault Isolation

The fault isolation procedures that follow, are a brief summary of VSCS indication system faults which can occur (Ref. Table 104). Power to system is applied and circuit breakers are closed.

Full wire diagrams are available (Ref. Section 98–40–00).

Table 104. VSCS Indication System Fault Isolation

Fault	Probable Cause	Corrective Action	Ref. Section
Indicator(s) do not display correct stabilizer position.	Faulty indicator(s).	Replace indicator(s).	95–00–00 Center Instrument Panel
	Faulty VSCS control system.	Ref. Anti–Torque/Directional Flight Control System Fault Isolation.	67–00–00
Indicator does not function.	Faulty wiring.	Test and repair wiring.	CSP–SPM 20–60–00
	Faulty indicator(s).	Replace indicator(s).	95–00–00 Center Instrument Panel

5. Vertical Speed Indication System Fault Isolation

The fault isolation procedures that follow, are a brief summary of vertical speed indication system faults which can occur (Ref. Table 105).

Table 105. Vertical Speed Indication System Fault Isolation

Fault	Probable Cause	Corrective Action	Ref. Section
Indicator does not show zero.	Incorrect mechanical adjustment of pointer.	Turn adjustment screw on face of instrument to align pointer to zero. Tap indicator bezel lightly while you turn screw.	95–10–00
Indicator shows incorrect indication.	Leak in static tubing.	Replace static tubing.	95–10–00
	Vertical speed indicator case leaks.	Replace vertical speed indicator.	95–10–00
	Faulty vertical speed indicator.	Replace vertical speed indicator.	95–10–00
Indicator has too much irregular movement.	Leak in static tubing.	Repair or replace static tubing.	95–10–00
	Faulty vertical speed indicator.	Replace vertical speed indicator.	95–10–00

6. Radar Altimeter System Fault Isolation

The fault isolation procedures that follow, are a brief summary of radar altimeter system faults which can occur (Ref. Table 106). Power to system is applied and circuit breakers are closed.

Full wire diagrams are available (Ref. Section 98–60–00).

Table 106. Radar Altimeter System Fault Isolation

Fault	Probable Cause	Corrective Action	Ref. Section
Warning flag is not in view when power is not applied to unit.	Faulty radar altimeter.	Replace radar altimeter.	95–10–00
Warning flag is in view after power is applied to unit.	Faulty wiring.	Test and repair wiring.	CSP–SPM 20–60–00
	Faulty antenna.	Replace antenna.	95–10–00
	Faulty radar altimeter.	Replace radar altimeter.	95–10–00
Radar altimeter does not function.	Faulty wiring.	Test and repair wiring.	CSP–SPM 20–60–00
	Faulty radar altimeter.	Replace radar altimeter.	95–10–00
	Faulty radar altimeter antenna.	Replace radar altimeter antenna.	95–10–00
	Faulty radar altimeter remote unit.	Replace radar altimeter remote unit.	95–10–00

Table 106. Radar Altimeter System Fault Isolation (Cont.)

Fault	Probable Cause	Corrective Action	Ref. Section
Radar altimeter does not give correct altitude.	Faulty radar altimeter antenna.	Replace radar altimeter antenna.	95–10–00
	Faulty radar altimeter remote unit.	Replace radar altimeter remote unit.	95–10–00
	Faulty radar altimeter.	Replace radar altimeter.	95–10–00
Warning flag is intermittently in view.	Faulty wiring.	Test and repair wiring.	CSP–SPM 20–60–00
	Faulty radar altimeter.	Replace radar altimeter.	95–10–00
Decision Height **DH** warning light does not function.	Faulty radar altimeter.	Replace radar altimeter.	95–10–00
Decision height knob does not function.	Loose decision height knob.	Tighten decision height knob.	
	Faulty radar altimeter.	Replace radar altimeter.	95–10–00

7. Heated Pitot System Fault Isolation

The fault isolation procedures that follow, are a brief summary of heated pitot system faults which can occur (Ref. Table 107). Power to system is applied and circuit breakers are closed.

Full wire diagrams are available (Ref. Section 98-40-00).

Table 107. Heated Pitot System Fault Isolation

Fault	Probable Cause	Corrective Action	Ref. Section
Pitot tube does not get hot.	Faulty wiring.	Test and repair wiring.	CSP–SPM 20–60–00
	Faulty **PITOT HEAT** switch.	Test switch and replace if necessary.	CSP–SPM 20–60–00
	Faulty heating element.	Replace heated pitot tube.	95–10–00

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FLIGHT INSTRUMENTS

REMOVAL/INSTALLATION

1. Airspeed Indicator

NOTE: Removal and installation is typical for the pilot and copilot airspeed indicator.

A. Airspeed Indicator Removal

(Ref. Figure 401)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Remove glareshield from instrument panel (Ref. Section 95–00–00).

(3). Remove top cover of instrument panel (Ref. Section 95–00–00).

(4). Disconnect pitot tubing (1) and static tubing (2) from airspeed indicator (12).

(5). Disconnect splice **A658 WHT** from **W136 SP3**.

(6). Disconnect splice **A658 BLK** from **W136 SP4**.

(7). Pull wire **A658** (11) through hole in instrument panel.

(8). Remove screws (13) and washers (14). Remove airspeed indicator.

B. Airspeed Indicator Installation

(Ref. Figure 401)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Prepare surface for electrical bond (Ref. CSP–SPM).

(3). Install airspeed indicator in instrument panel. Install screws and washers. Torque screws.

(4). Put wire **A658** through hole in instrument panel.

(5). Connect wire splice **A658 WHT** with **W136 SP3**.

(6). Connect wire splice **A658 BLK** with **W136 SP4**.

(7). Connect pitot tubing to the center fitting on airspeed indicator.

(8). Connect static tubing to the off center fitting on airspeed indicator.

(9). Test airspeed indicator for Class “R” electrical bond (Ref. CSP–SPM).

(10). If necessary, touch–up paint (Ref. CSP–SPM).

(11). Install top cover of instrument panel (Ref. Section 95–00–00).

(12). Install glareshield on instrument panel (Ref. Section 95–00–00).

(13). Connect electrical power to helicopter (Ref. Section 96–00–00).

2. Altimeter

NOTE: Removal and installation is typical for the pilot and copilot altimeter.

A. Altimeter Removal

(Ref. Figure 401)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Remove glareshield from instrument panel (Ref. Section 95–00–00).

(3). Remove top cover of instrument panel (Ref. Section 95–00–00).

(4). If the altimeter is encoding, disconnect **P112** (3) from the altimeter (7).

(5). Disconnect static tubing (4) from altimeter.

(6). Disconnect splice **A660 WHT** from **W136 SP1**.

(7). Disconnect splice **A660 BLK** from **W136 SP2**.

(8). Pull wire **A660** (6) through hole in instrument panel.

(9). Remove screws (8) and washers (9). Remove altimeter.

B. Altimeter Installation

(Ref. Figure 401)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Prepare surface for electrical bond (Ref. CSP–SPM).

(3). Install altimeter in instrument panel. Install screws and washers. Torque screws.

(4). Put wire **A660** through hole provided in the instrument panel.

(5). Connect wire splice **A660 WHT** with **W136 SP1**.

(6). Connect wire splice **A660 BLK** with **W136 SP2**.

(7). Connect static tubing to altimeter.

(8). If the altimeter is encoding, connect **P112** to altimeter.

(9). Test altimeter for Class “R” electrical bond (Ref. CSP–SPM).

(10). If necessary, touch–up paint (Ref. CSP–SPM).

(11). Install top cover of instrument panel (Ref. Section 95–00–00).

(12). Install glareshield on instrument panel (Ref. Section 95–00–00).

(13). Connect electrical power to helicopter (Ref. Section 96–00–00).

3. GO/NO–GO Indicator Lights (902 CONFIG)

A. GO/NO–GO Indicator Lights Removal

(Ref. Figure 401)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Remove glareshield from instrument panel (Ref. Section 95–00–00).

(3). Remove top cover of instrument panel (Ref. Section 95–00–00).

(4). Remove indicator light (Ref. CSP–SPM).

B. GO/NO–GO Indicator Lights Installation

(Ref. Figure 401)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

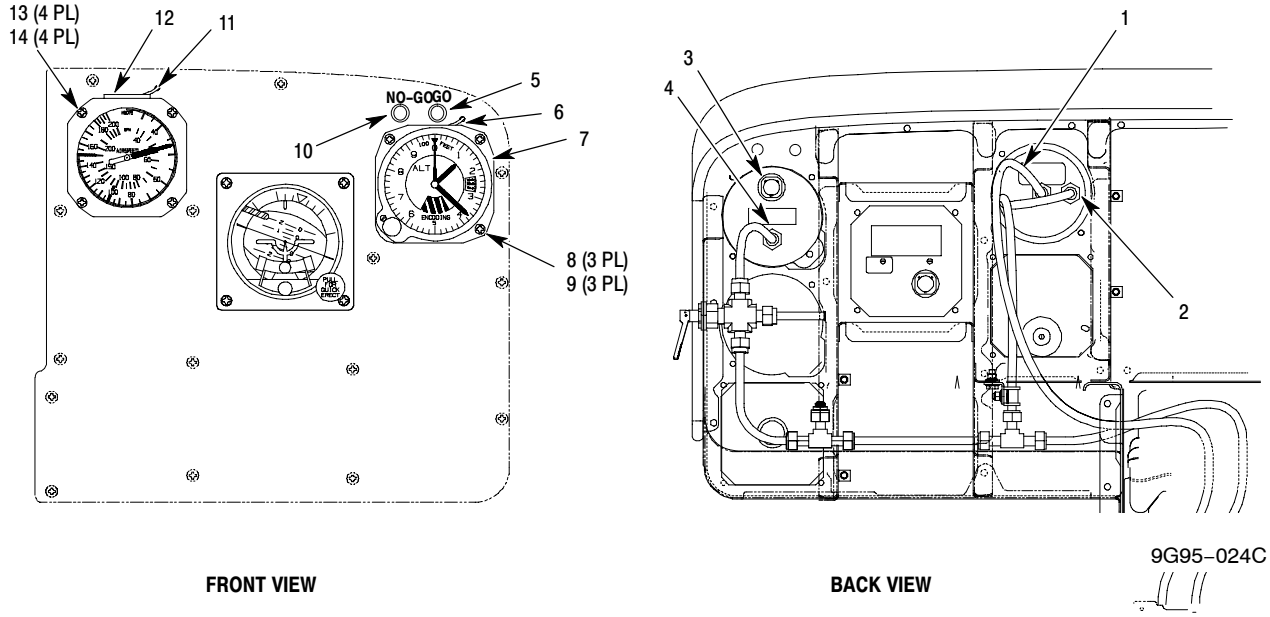
(2). Remove **PUSH TO TEST** marking with solvent.

(3). Install indicator light (Ref. CSP–SPM).

(4). Install top cover of instrument panel (Ref. Section 95–00–00).

(5). Install glareshield to instrument panel (Ref. Section 95–00–00).

(6). Connect electrical power to helicopter (Ref. Section 96–00–00).



1. PITOT TUBING
2. STATIC TUBING
3. P112
4. STATIC TUBING
5. GO INDICATOR LIGHT **(902 CONFIG)**
6. WIRE A660
7. ALTIMETER
8. SCREW
9. WASHER
10. NO–GO INDICATOR LIGHT **(902 CONFIG)**
11. WIRE A658
12. AIRSPEED INDICATOR
13. SCREW
14. WASHER

Figure 401. Airspeed Indicator, Altimeter, and GO/NO–GO Indicators

4. Vertical Stabilizer Control System (VSCS) Indicator

NOTE: For removal and installation of the VSCS indicators Ref. Center Instrument Panel Removal or Installation, Section 95–00–00.

5. Pitot System

A. Pitot Tube Removal

(Ref. Figure 402)

NOTE: This task is typical for single and dual (Ref. Figure 406) pitot tube removal.

(1). Remove glareshield from instrument panel (Ref. Section 95–00–00).

(2). Remove top cover of instrument panel (Ref. Section 95–00–00).

(3). Disconnect pitot tubing (1) from airspeed indicator (24).

(4). Remove screws (13) and lock washers (14).

(5). Remove pitot tube (15) from pitot extension (16) sufficient distance to access adapter (12).

NOTE: Make sure you hold fitting on end of pitot tube when you remove adapter.

(6). Remove adapter (12) from pitot tube (15).

B. Pitot Tube Installation

(Ref. Figure 402)

NOTE: This task is typical for single and dual (Ref. Figure 406) pitot tube installation.

Consumable Materials (Ref. CSP–SPM)

Item	Nomenclature
C205	Sealing Compound

NOTE: Make sure you hold fitting on end of pitot tube when you install adapter.

(1). Install adapter on pitot tube. Torque adapter.

(2). Install pitot tube into pitot extension with **TOP** up and drain hole down.

(3). Install screws and lock washers. Torque screws.

(4). Test pitot tube for Class "L" electrical bond (Ref. CSP–SPM).

Sealing Compound (C205)

(5). Environmentally seal pitot tube to pitot extension (Ref. CSP–SPM).

(6). If necessary, touch–up paint (Ref. CSP–SPM).

(7). Connect pitot tubing to airspeed indicator. Torque fitting.

(8). Do pitot leak test.

(9). Install top cover of instrument panel (Ref. Section 95–00–00).

(10). Install glareshield on instrument panel (Ref. Section 95–00–00).

C. Pitot Extension Removal

(Ref. Figure 402)

NOTE: This task is typical for single and dual (Ref. Figure 406) pitot extension removal.

(1). Remove pitot tube.

(2). Remove sealant from grommet (11) and pitot extension (16).

(3). **EARLY CONFIG -** Remove nuts (3), washers (4 and 5), and screws (6).

(4). **CURRENT CONFIG -** Remove nuts (3), washers (4 and 5), screws (6), and bonding jumper (22).

(5). Remove screw (18), washers (19), and nut (20).

(6). Disconnect bonding jumper (21 or 22) from clamp (17).

(7). Remove clamp (17).

NOTE: Spacers (2) are loose in the pitot extension.

(8). Remove pitot extension (16).

(9). Remove spacers (2).

D. Pitot Extension Installation

(Ref. Figure 402)

NOTE: This task is typical for single and dual (Ref. Figure 406) pitot extension installation.

Consumable Materials (Ref. CSP–SPM)

Item	Nomenclature
C202	Sealing Compound

(1). Prepare pitot extension and clamp for electrical bond (Ref. CSP–SPM).

(2). Install spacers in pitot extension.

(3). Install pitot extension.

(4). **EARLY CONFIG -** Install screws, washers, and nuts. Torque nuts.

(5). **CURRENT CONFIG -** Install screws, washers, bonding jumper, and nuts. Torque nuts.

(6). Install clamp, screw, and washer.

(7). Connect bonding jumper.

(8). Install washer and nut. Torque nut

(9). Test pitot extension for Class "L" electrical bond (Ref. CSP–SPM).

(10). If necessary, touch–up paint (Ref. CSP–SPM).

Sealing Compound (C202)

(11). Apply sealing compound (C202) to pitot extension and grommet.

(12). Install pitot tube.

E. Pitot Tubing Removal

(Ref. Figure 402)

NOTE: This task is typical for single and dual (Ref. Figure 406) pitot tubing removal.

(1). Remove pitot tube extension.

(2). Remove pitot tubing (1) from helicopter.

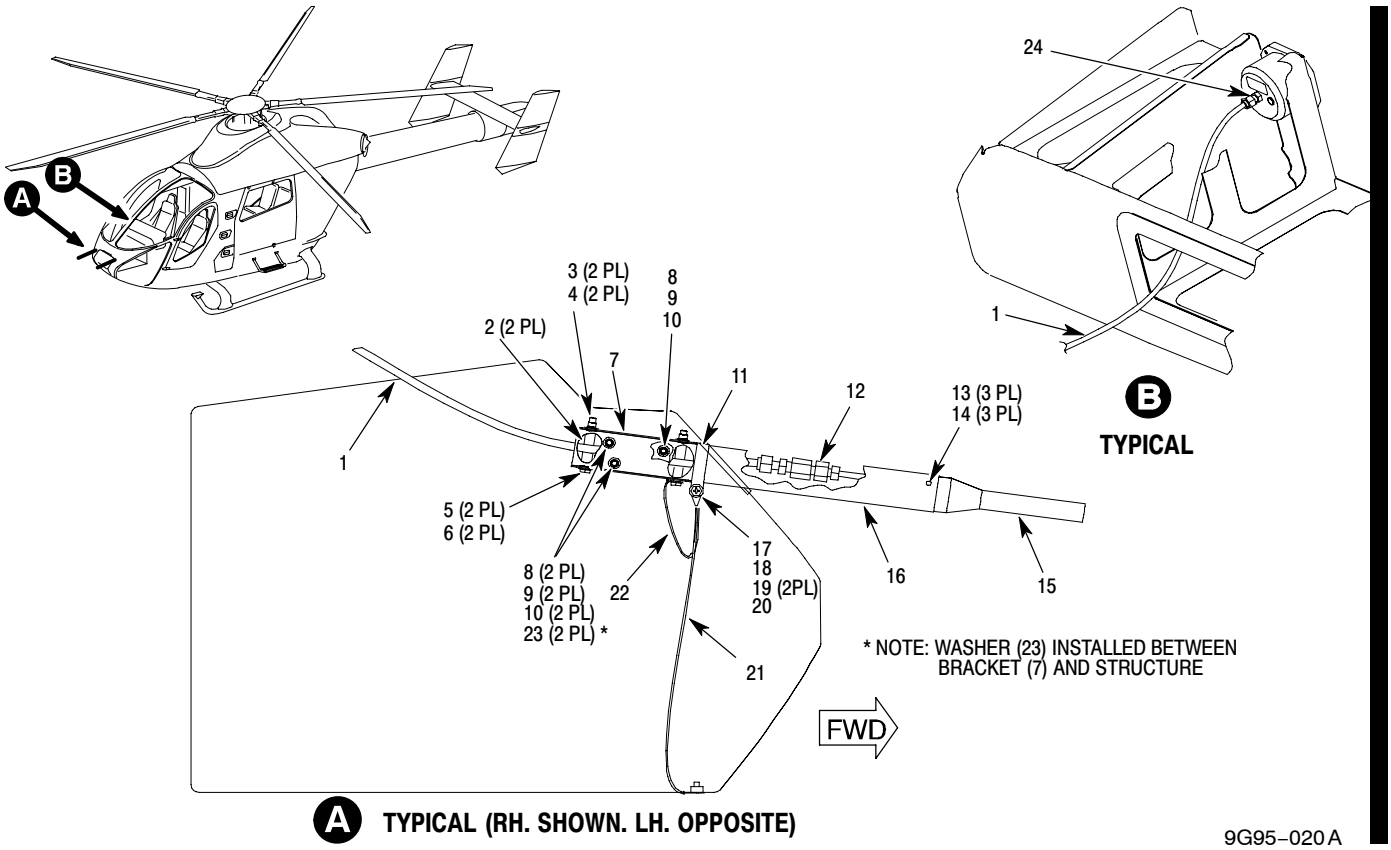
F. Pitot Tubing Installation

(Ref. Figure 402)

NOTE: This task is typical for single and dual (Ref. Figure 406) pitot tubing installation.

(1). Put pitot tubing in helicopter.

(2). Install pitot extension.



1. PITOT TUBING
2. SPACER
3. NUT
4. WASHER
5. WASHER
6. SCREW
7. BRACKET
8. SCREW
9. WASHER
10. NUT
11. GROMMET
12. ADAPTER
13. SCREW
14. LOCK WASHER
15. PITOT TUBE
16. EXTENSION
17. CLAMP
18. SCREW
19. WASHER
20. NUT
21. BONDING JUMPER **(EARLY CONFIG)**
22. BONDING JUMPER **(CURRENT CONFIG)**
23. WASHER
24. AIRSPEED INDICATOR

Figure 402. Pitot System

6. Heated Pitot Tube (Optional)

A. Heated Pitot Tube Removal

(Ref. Figure 403)

NOTE: This task is typical for single and dual (Ref. Figure 406) heated pitot tube removal.

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Remove glareshield from instrument panel (Ref. Section 95–00–00).

(3). Remove top cover of instrument panel (Ref. Section 95–00–00).

(4). Disconnect pitot tubing (1) from airspeed indicator (8).

(5). Remove screws (3) and lock washers (4).

(6). Remove heated pitot tube (5) from pitot extension (7) sufficient distance to access adapter (2) and electrical connector (6).

(7). Disconnect connector (6) from heated pitot tube (5)

NOTE: Make sure you hold fitting on end of pitot tube when you remove adapter.

(8). Remove adapter (2) from pitot tube (5).

B. Heated Pitot Tube Installation

(Ref. (Figure 403)

NOTE: This task is typical for single and dual (Ref. Figure 406) heated pitot tube installation.

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

NOTE: Make sure you hold fitting on end of pitot tube when you install adapter.

(2). Connect adapter to heated pitot tube. Torque adapter.

(3). Connect electrical connector to heated pitot tube.

(4). Install heated pitot tube with **TOP** up and drain hole down.

(5). Install screws and lock washers. Torque screws.

(6). Test heated pitot tube for Class “L” electrical bond (Ref. CSP–SPM).

(7). If necessary, touch–up paint (Ref. CSP–SPM).

(8). Connect pitot tubing to airspeed indicator. Torque fitting.

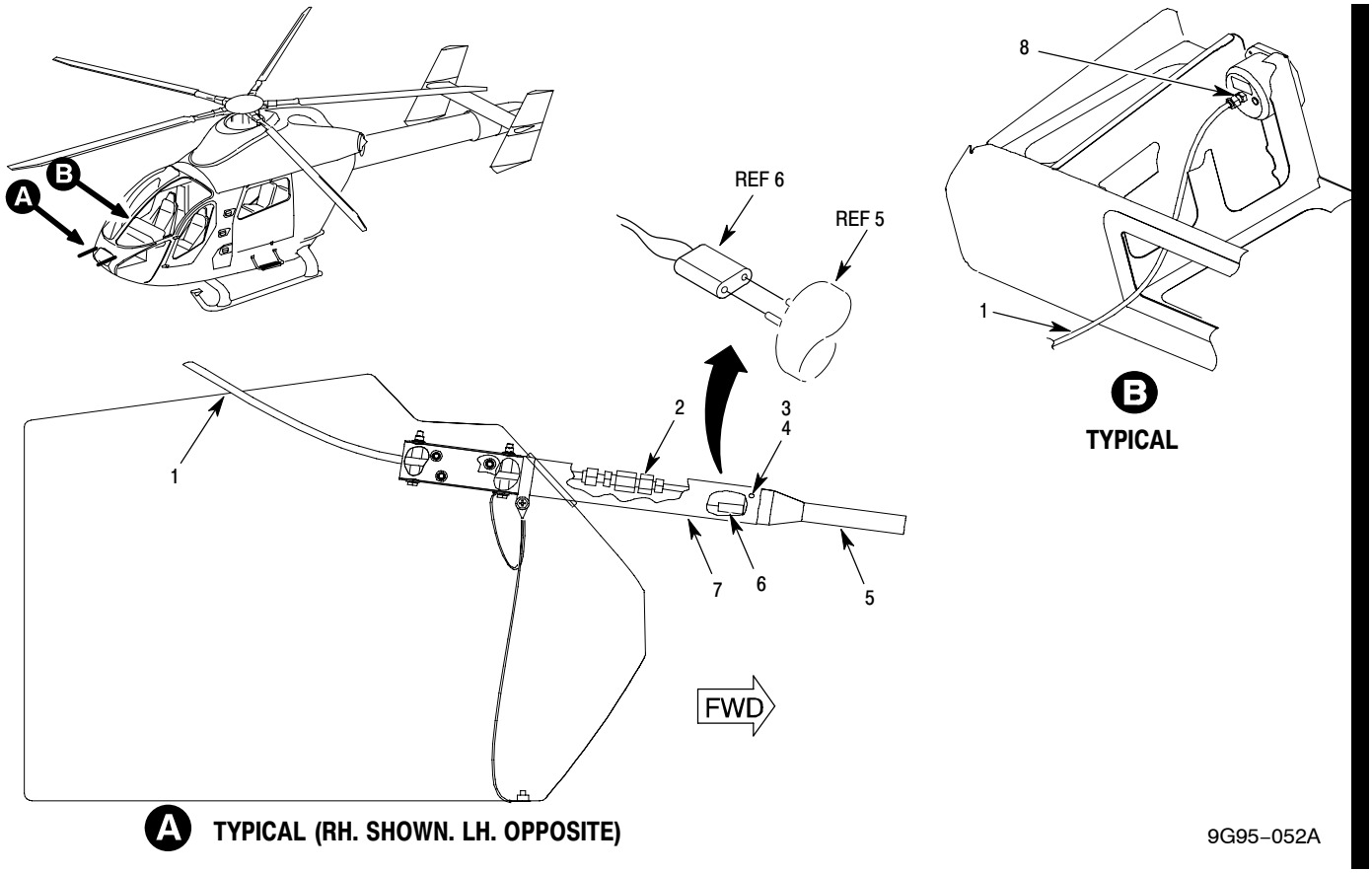
(9). Do pitot leak test.

(10). Install top cover of instrument panel (Ref. Section 95–00–00).

(11). Install glareshield on instrument panel (Ref. Section 95–00–00).

(12). Connect electrical power to helicopter (Ref. Section 96–00–00).

(13). Do heated pitot tube operational test.



1. PITOT TUBING
2. ADAPTER
3. SCREW
4. LOCK WASHER
5. HEATED PITOT TUBE
6. ELECTRICAL CONNECTOR
7. PITOT EXTENSION
8. AIRSPEED INDICATOR

Figure 403. Heated Pitot System (Optional)

7. Static System

A. Static System Removal

(Ref. Figure 404)

NOTE: This task is typical for single and dual (Ref. Figure 406) static system removal.

(1). Remove glareshield from instrument panel (Ref. Section 95–00–00).

(2). Remove top cover of instrument panel (Ref. Section 95–00–00).

(3). Remove static tubing assembly (1) (instruments to union tee).

(a). Disconnect static tubing assembly (1) from altimeter (2) and airspeed indicator (3).

(b). Remove nut (4) and washers (5) from toggle valve (6). Remove toggle valve (6) from instrument panel.

(c). Remove static tubing assembly (1) from clamps (7).

(d). Disconnect right forward static tubing (8) and left forward static tubing (9) from union tee (10).

(e). Remove static tubing assembly (1) and union tee (10).

NOTE: This task is typical for left and right static tubing removal.

(4). Remove left or right static tubing.

(a). Remove access panel PR120 (Ref. Section 06–00–00).

(b). If necessary, disconnect forward static tubing (8 or 9) from union tee (10).

(c). Open access panel L109 or R128 (Ref. Section 06–00–00).

(d). Remove forward static tubing (8 or 9) from clamps (7).

(e). Disconnect forward static tubing (8 or 9) from drain valve tee (11).

(f). Remove forward static tubing (8 or 9).

(g). Remove copilot seat or pilot seat (Ref. Section 25–10–00).

(h). Remove access panel AL138 or AR138 (Ref. 06–00–00).

(i). Remove access panel AL129 or AR129 (Ref. 06–00–00).

(j). Disconnect aft static tubing (15 or 16) from drain valve tee (11). Remove drain valve tee (11).

(k). Remove aft static tubing (15 or 16) from clamps (7).

(l). Disconnect aft static tubing (15 or 16) from union elbow (12). Remove aft static tubing (15 or 16).

(m). Remove elbow (12) from static port (13).

B. Static System Installation

(Ref. Figure 404)

NOTE: This task is typical for single and dual (Ref. Figure 406) static system installation.

(1). Install static tubing assembly (instruments to union tee).

(a). Connect tees, toggle valve, and static tubing to make static tubing assembly.

(b). Put static tubing assembly in installed position.

(c). Install static tubing assembly into clamps. Torque screws.

(d). Install toggle valve. Install nut and washers. Torque nut.

(e). Connect static tubing assembly to altimeter and airspeed indicator. Torque nuts.

(f). Connect forward static tubing to union tee. Torque nut.

NOTE: This task is typical for left and right static tubing installation.

(2). Install left or right static tubing.

(a). Put forward static tubing in installed position.

(b). Connect forward static tubing to union tee. Torque nut.

(c). Install forward static tubing into clamps. Torque screws.

(d). Connect forward static tubing to drain valve tee. Torque nut.

(e). Put aft static tubing in installed position.

(f). Connect aft static tubing to drain valve tee. Torque nut.

(g). Install aft static tubing into clamps. Torque screws.

(h). Install union elbow on static port. Torque union elbow.

(i). Connect aft static tubing to union elbow. Torque nut.

(3). Install access panel AL129 or AR129 (Ref. 06–00–00).

(4). Install access panel AL138 or AR138 (Ref. 06–00–00).

(5). Install copilot seat or pilot seat (Ref. Section 25–10–00).

(6). Close access panel L109 or R128 (Ref. Section 06–00–00).

(7). Install access panel PR120 (Ref. Section 06–00–00).

(8). Install top cover of instrument panel (Ref. Section 95–00–00).

(9). Install glareshield on instrument panel (Ref. Section 95–00–00).

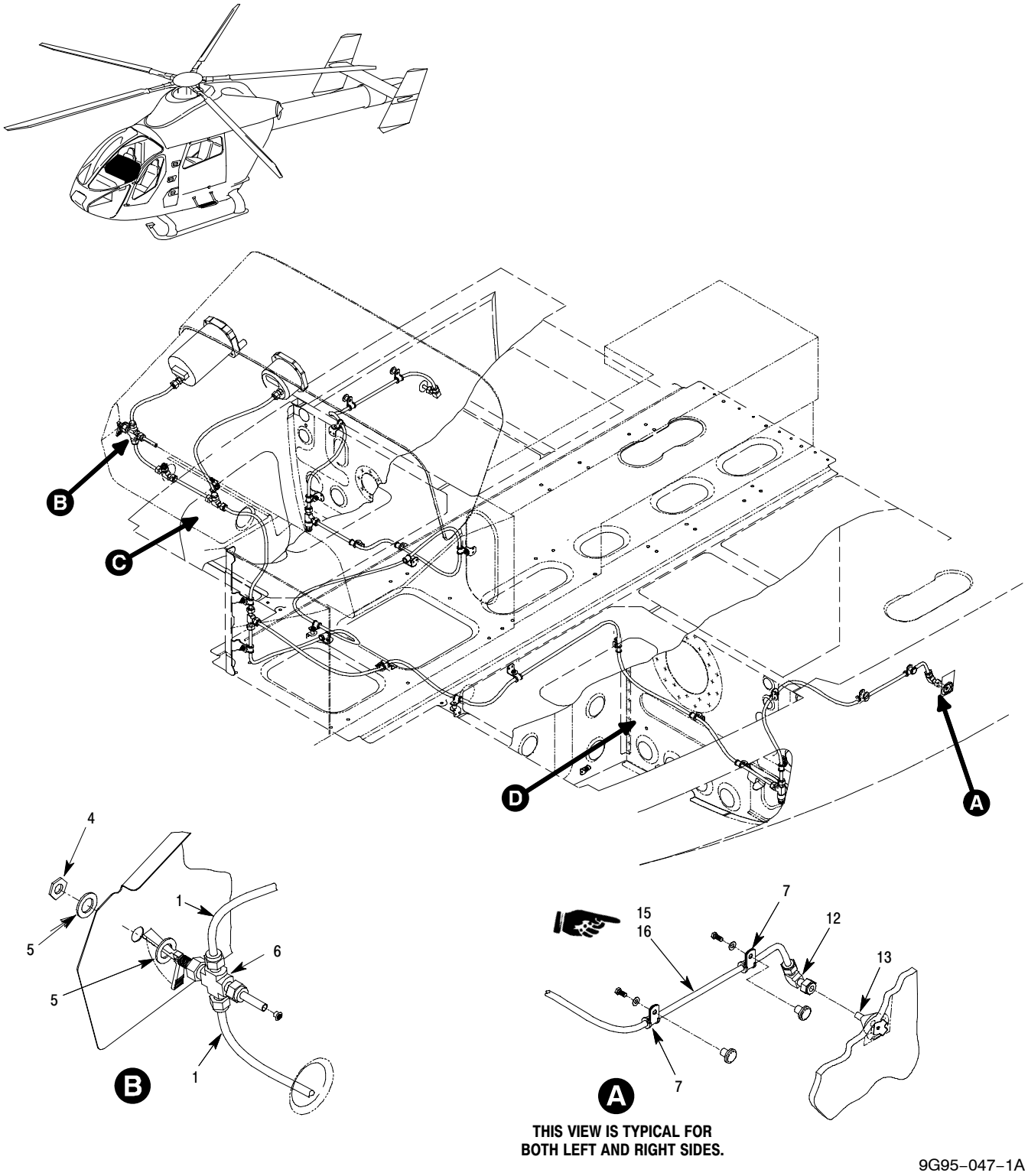
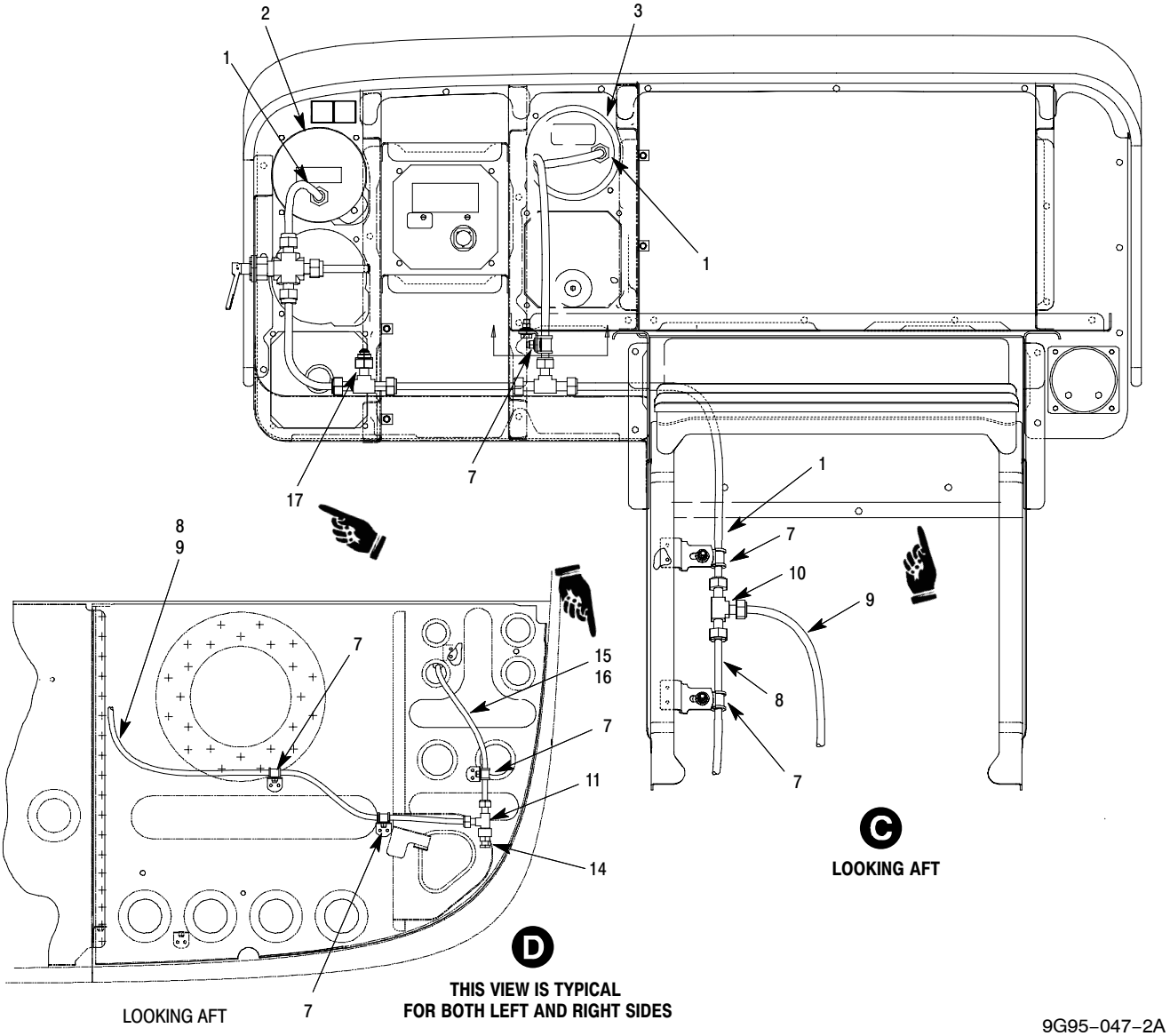


Figure 404. Static System, Single (Page 1 of 2)



1. STATIC TUBING ASSEMBLY
2. ALTIMETER
3. AIRSPEED INDICATOR
4. NUT
5. WASHER
6. TOGGLE VALVE
7. CLAMPS
8. RIGHT FORWARD STATIC TUBING
9. LEFT FORWARD STATIC TUBING
10. UNION TEE
11. DRAIN VALVE TEE
12. UNION ELBOW
13. STATIC PORT
14. STATIC DRAIN VALVE
15. RIGHT AFT STATIC TUBING
16. LEFT AFT STATIC TUBING
17. STATIC SYSTEM TEST CONNECTION

Figure 404. Static System, Single (Page 2 of 2)

8. Single Pitot/Static System for Copilot Instruments (Optional)

A. Single Pitot/Static System for Copilot Instruments Removal

(Ref. Figure 405)

(1). Remove glareshield from instrument panel (Ref. Section 95–00–00).

(2). Remove top cover of instrument panel (Ref. Section 95–00–00).

(3). Disconnect static tubing (1) from copilot altimeter (3).

(4). Disconnect static tubing (1) and pitot tubing (2) from copilot airspeed indicator (4).

(5). Disconnect static tubing (1) from static system tee (5).

(6). Disconnect pitot tubing (2) from pitot system tee (6).

B. Single Pitot/Static System for Copilot Instruments Installation

(Ref. Figure 405)

(1). Put static tubing in installed position.

(2). Connect static tubing to static system tee. Torque nut.

(3). Put pitot tubing in installed position.

(4). Connect pitot tubing to pitot system tee. Torque nut.

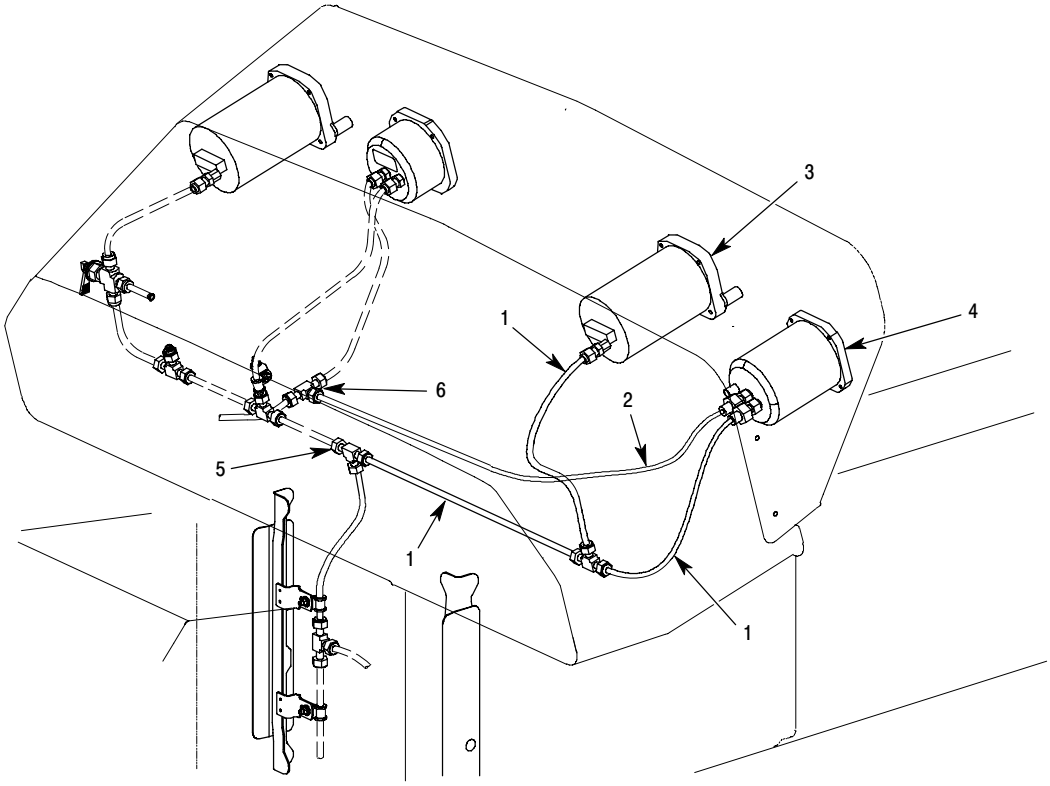
(5). Connect static tubing to copilot altimeter. Torque nut.

(6). Install static tubing and pitot tubing to copilot airspeed indicator. Torque nuts.

(7). Do the pitot leak test.

(8). Install top cover of instrument panel (Ref. Section 95–00–00).

(9). Install glareshield on instrument panel (Ref. Section 95–00–00).



1. STATIC TUBING
2. PITOT TUBING
3. COPILOT ALTIMETER
4. COPILOT AIRSPEED INDICATOR
5. STATIC SYSTEM TEE
6. PITOT SYSTEM TEE

Figure 405. Single Pitot/Static System for Copilot Instruments (Optional)

9. Dual Pitot/Static System (Optional)

(Ref. Figure 406)

NOTE: Ref. Pitot/Static Systems – Removal and Installation.

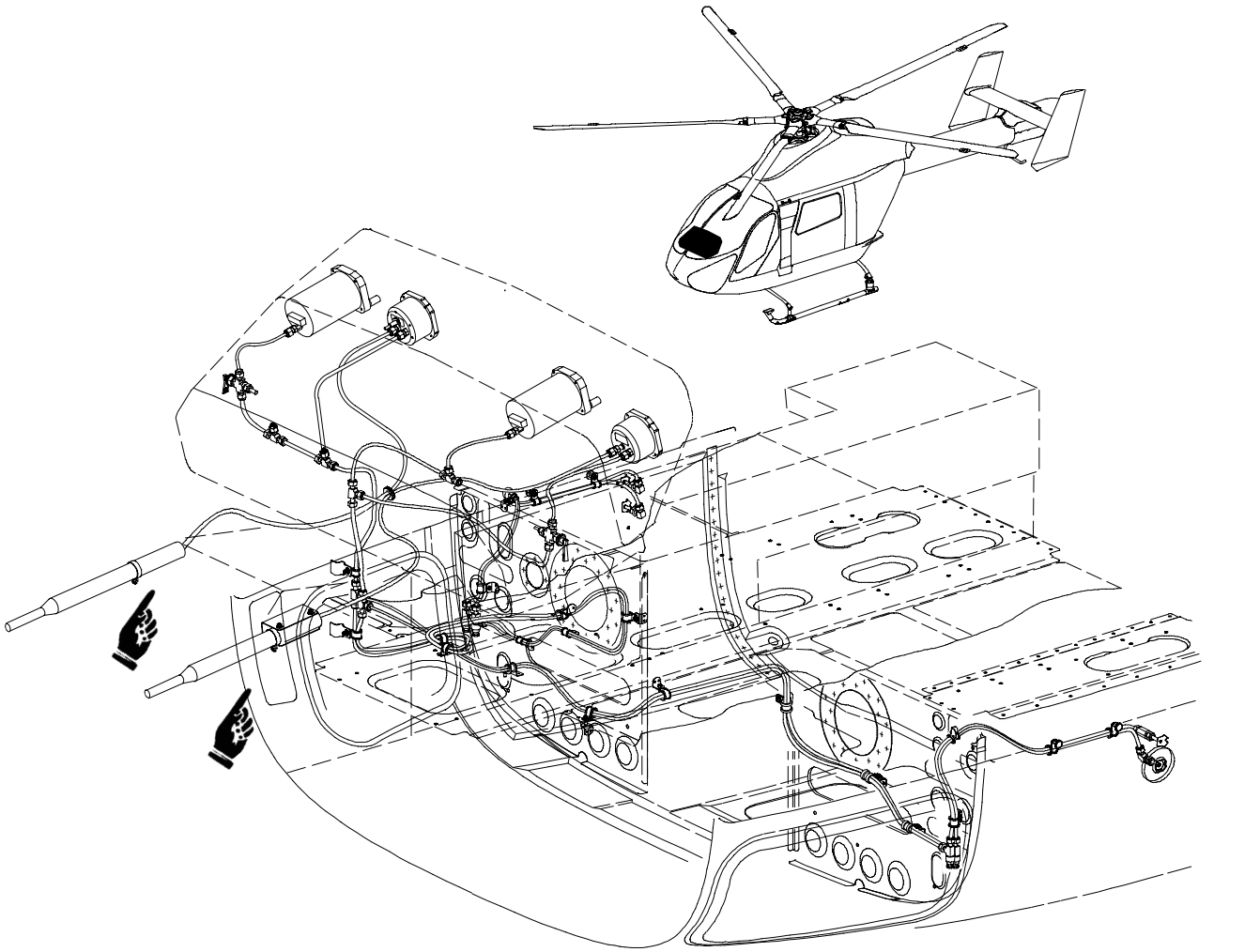


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Figure 406. Dual Pitot/Static System (Optional)

10. Vertical Speed Indicator (Optional)

A. Vertical Speed Indicator Removal

(Ref. Figure 407)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Remove top cover of instrument panel (Ref. Section 95–00–00).

(3). Disconnect static tubing (1).

(4). Disconnect splices **A669 WHT** from **W136 SP1** and **A669 BLK** from **W136 SP2**. Remove wire **A669** (3) from hole.

(5). Remove screws (4) and washers (5).

(6). Remove indicator (2).

B. Vertical Speed Indicator Installation

(Ref. Figure 407)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Prepare surface for electrical bond (Ref. CSP–SPM).

(3). Install indicator in instrument panel. Install screws and washers. Torque screws.

(4). Route wire **A669** (3) through hole. Connect splice **A669 WHT** with **W136 SP1** and **A669 BLK** with **W136 SP2**.

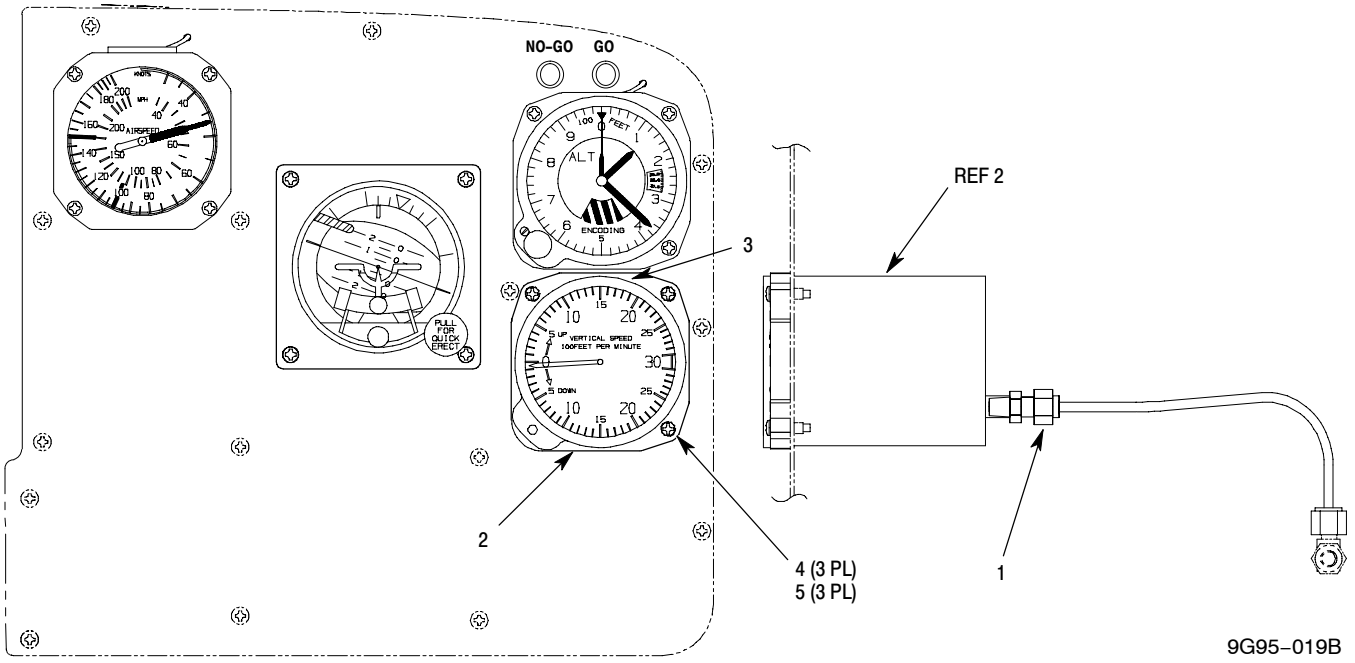
(5). Connect static tubing to indicator. Torque nut.

(6). Test indicator for Class “R” electrical bond (Ref. CSP–SPM).

(7). If necessary, touch–up paint (Ref. CSP–SPM).

(8). Install top cover of instrument panel (Ref. Section 95–00–00).

(9). Connect electrical power to helicopter (Ref. Section 96–00–00).



1. STATIC TUBING
2. VERTICAL SPEED INDICATOR
3. WIRE A669
4. SCREW
5. WASHER

Figure 407. Vertical Speed Indicator (Optional)

11. Radar Altimeter System (Optional)

A. Radar Altimeter Indicator Removal

(Ref. Figure 408)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Access electrical connector **P819** through hole below radar altimeter (1). Disconnect electrical connector **P819** from radar altimeter.

(3). Remove screws (3).

(4). Remove the radar altimeter (1) and adapter plate (2).

B. Radar Altimeter Indicator Installation

(Ref. Figure 408)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Prepare surface for electrical bond (Ref. CSP–SPM).

(3). Install adapter plate on radar altimeter.

(4). Install radar altimeter and adapter plate in instrument panel.

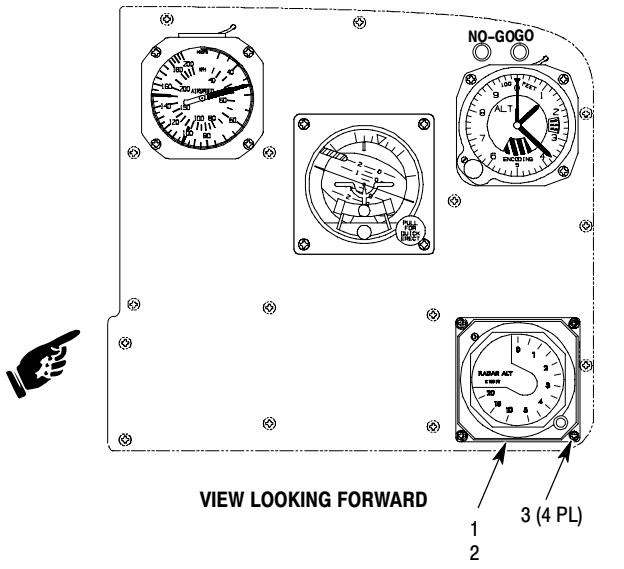
(5). Install screws. Torque screws.

(6). Connect electrical connector **P819** to radar altimeter.

(7). Connect electrical power to helicopter (Ref. Section 96–00–00).

(8). Test altimeter for Class "R" electrical bond (Ref. CSP–SPM).

(9). If necessary, touch–up paint (Ref. CSP–SPM).



1. RADAR ALTIMETER INDICATOR
2. ADAPTER PLATE
3. SCREW

Figure 408. Radar Altimeter Indicator (Optional)

C. Radar Altimeter Remote Unit Removal

(Ref. Figure 409)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Open access panel L109 (Ref. Section 06–00–00).

(3). Disconnect electrical connector **P818** from remote unit (1).

(4). Disconnect electrical connector **P822** from **RCVR** on remote unit (1).

(5). Disconnect electrical connector **P820** from **XMTR** on remote unit (1).

(6). Loosen knob (3), pull out and down to release remote unit (1) from mount (2).

(7). Remove remote unit from mount.

D. Radar Altimeter Remote Unit Installation

(Ref. Figure 409)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Prepare surface for electrical bond (Ref. CSP–SPM).

(3). Install remote unit in mount.

(4). Lift knob up and out. Engage knob over hook on remote unit and tighten.

(5). Connect electrical connector **P820** to **XMTR** on remote unit.

(6). Connect electrical connector **P822** to the **RCVR** on the remote unit.

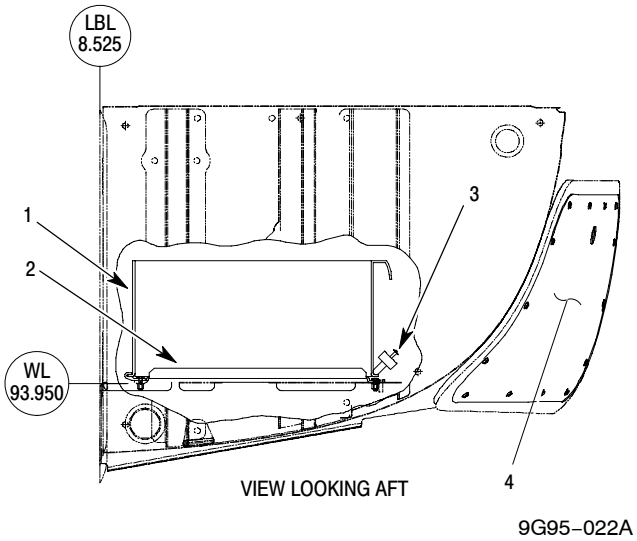
(7). Connect electrical connector **P818** to remote unit.

(8). Test remote unit for Class “R” electrical bond (Ref. CSP–SPM).

(9). If necessary, touch–up paint (Ref. CSP–SPM).

(10). Close access panel L109 (Ref. Section 06–00–00).

(11). Connect electrical power to helicopter (Ref. Section 96–00–00).



1. REMOTE UNIT
2. MOUNT
3. KNOB
4. LEFT AVIONICS ACCESS PANEL (L109)

Figure 409. Radar Altimeter Remote Unit (Optional)

E. Radar Altimeter Microstrip Antenna Removal

(Ref. Figure 410)

NOTE: Removal of radar altimeter antennas is typical.

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Remove sealing compound from antenna (1).

(3). Remove screws (3).

(4). Move antenna away from fuselage enough to gain access to coaxial connector. Disconnect coaxial connector.

(5). Remove antenna (1).

F. Radar Altimeter Microstrip Antenna Installation

(Ref. Figure 410)

NOTE: Installation of radar altimeter antennas is typical.

Consumable Materials (Ref. CSP–SPM)

Item	Nomenclature
C234	Sealing Compound

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Prepare surface for electrical bond (Ref. CSP–SPM).

(3). Connect coaxial connector to antenna.

(4). Install antenna on fuselage with arrow pointing outboard.

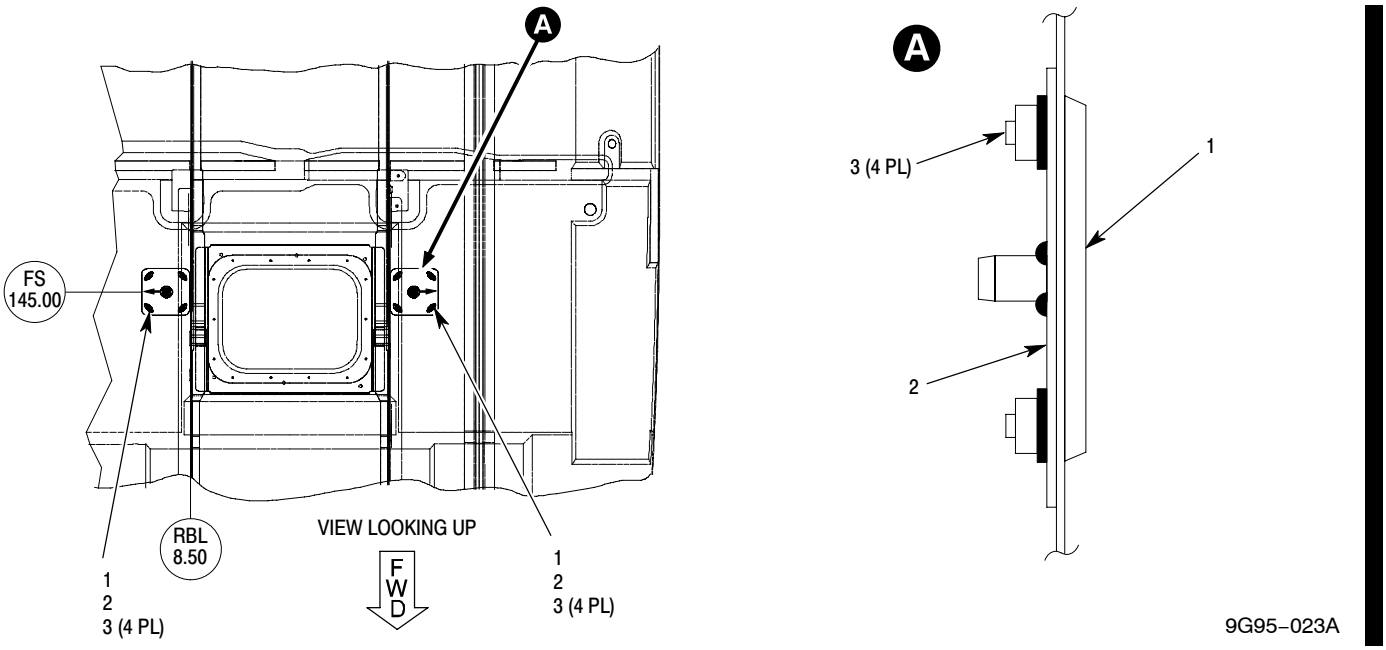
(5). Install screws. Torque screws **25 in-lbs (2.82 N•m)**.

(6). Test antenna for Class “R” electrical bond (Ref. CSP–SPM).

(7). If necessary, touch–up paint (Ref. CSP–SPM).

(8). Environmentally seal antenna with sealing compound (C234) (Ref. CSP–SPM, Fillet Surface Sealing).

(9). Connect electrical power to helicopter (Ref. Section 96–00–00).



1. ANTENNA
2. ADAPTOR PLATE
3. SCREW

Figure 410. Radar Altimeter Microstrip Antennas (Optional)

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FLIGHT INSTRUMENTS

INSPECTION/TEST

1. Airspeed Indicator

A. Airspeed Indicator Inspection (Area 1)

(Ref. Figure 401)

(1). Inspect airspeed indicator case for dents and cover glass for movement and cracks. No damage allowed.

(2). Inspect index mark and symbols on face for correct color and easy to read**.** No damage allowed.

(3). Make sure indicator is at zero position.

(4). Inspect fittings on the back of the airspeed indicator for damage that can prevent correct connection of tubing nuts. No damage allowed.

(5). Do pitot–static system inspection.

B. Airspeed Indicator Calibration

(1). Airspeed indicator must be calibrated by an approved repair facility.

2. Altimeter

A. Altimeter Inspection (Area 1)

(Ref. Figure 401)

(1). Inspect altimeter case for dents and cover glass for movement and cracks. No damage allowed.

(2). Inspect index mark and symbols on face for correct color and easy to read. No damage allowed.

(3). Inspect fittings and electrical connector on the back of the altimeter for damage that can prevent correct connection of tubing nuts or electrical connector. No damage allowed.

(4). Do pitot–static system inspection.

B. Altimeter Calibration

(1). Altimeter must be calibrated by an approved repair facility.

3. GO/NO–GO Indicator Lights (902 CONFIG)

A. GO/NO–GO Indicator Lights Inspection (Area 1)

(Ref. Figure 401)

(1). Inspect **GO/NO-GO** indicator lights for movement or cracks. No damage allowed.

(2). Inspect wires on back of lights for damage that can prevent correct connection. No damage allowed.

B. EARLY CONFIG – GO/NO–GO Indicator Lights Test

(1). On **ELECTRICAL MASTER** panel, set **POWER** switch to **BAT/EXT**.

(2). Make sure **T/O TIMER** circuit breaker is set.

(3). On **LIGHTING CONTROL** panel, set **LT MSTR** switch to **OFF**.

(4). On pilot collective grip, set **TIMER SET/OFF** switch to **SET**.

(5). Make sure **NO-GO** indicator light (amber) comes on for 8 seconds and then goes off.

(6). Make sure **GO** indicator light (green) comes on 8 seconds after **TIMER SET/OFF** switch is set to **SET**.

(7). Set **LT MSTR** switch to **ON**.

(8). On **LIGHTING CONTROL** panel. rotate **IIDS** rotary knob. Make sure intensity of **GO** indicator light decreases.

(9). Set **LT MSTR** switch to **OFF**.

(10). Set **TIMER SET/OFF** switch to **OFF**. Make sure GO indicator light goes off.

(11). On **ELECTRICAL MASTER** panel, set **POWER** switch to **OFF**.

C. CURRENT CONFIG – GO/NO–GO Indicator Light Test

(1). Make sure **T/O TIMER** circuit breaker is set.

(2). On **ELECTRICAL MASTER** panel, set **POWER** switch to **BAT/EXT**.

(3). On **LIGHTING CONTROL** panel, set **LT MSTR** switch to **OFF**.

(4). On pilot collective grip, press and release **T/O TIMER** switch.

(5). Make sure **NO-GO** indicator light (amber) comes on for 8 seconds and then goes off.

(6). Make sure **GO** indicator light (green) comes on 8 seconds after **T/O TIMER** switch is pressed and released.

(7). Set **LT MSTR** switch to **ON**.

(8). On **LIGHTING CONTROL** panel. rotate **IIDS** rotary knob. Make sure intensity of **GO** indicator light decreases.

(9). Set **LT MSTR** switch to **OFF**.

(10). Press and release **T/O TIMER** switch. Make sure **GO** indicator light goes off.

(11). On **ELECTRICAL MASTER** panel, set **POWER** switch to **OFF**.

4. VSCS Indicator

A. VSCS Indicator Inspection (Area 1)

(Ref. Figure 1)

(1). Inspect VSCS indicator cover glass for movement and cracks. No damage allowed.

(2). Inspect index mark and symbols on face for correct color and easy to read. No damage allowed.

5. Pitot–Static System

CAUTION Do not blow pressurized air through pitot or static system tubing. Pressurized air can cause damage to altimeter and airspeed indicator.

A. Pitot and Static System Inspection (Area 1)

(Ref. Figure 402 and Figure 404)

(1). Inspect pitot tube and static ports for clogged or blocked inlet openings. None allowed.

(2). Inspect for changes to the airframe that can have an effect on indications. None allowed.

(3). Inspect pitot and static system tubing for damage or worn areas that can leak. No damage allowed.

(4). Make sure pitot and static tubing are correctly attached.

(5). Do pitot leak test.

B. Pitot Leak Test (Short)

(Ref. Figure 402)

(1). Put a piece of vinylite or equivalent flexible tubing tightly over end of pitot tube.

(2). With a person to look at airspeed indicator, fold free end of tubing and continue to fold slowly to create pressure.

(3). When the person signals that they have an indication of between **50** and **100 Kts**, stop and hold folded end tightly and stable for **1 minute** at constant pressure.

(4). Tap lightly on glass of indicator, monitor for a decrease in indication. If indication decreases more than **5 Kts** in **1 minute**, system has a leak.

C. Pitot System Leak Test

(Ref. Figure 402 Figure 404 Figure 405 Figure 406)

Consumable Materials (Ref. CSP–SPM)

Item	Nomenclature
C717	Tape, Polyethylene

Special Tools (Ref. CSP–SPM)

Item	Nomenclature
T1005	Air Data Test Set
T1016	Test Adapter, Static Port, Single
T1017	Test Adapter, Static Port, Dual

(1). Do the air data test set (T1005) leak test, refer to manufacturer's instructions.

(2). Make sure air data test set (T1005) **POWER** switch is set to **OFF**.

NOTE: Do not tighten valves too much.

(3). Set the air data test set (T1005) valves to initial positions (Ref. Table 601).

Table 601. Initial Valve Position

Valve	Position
PITOT CONTROL	Fully Closed
STATIC CONTROL	Fully Closed
CROSSBLEED CONTROL	Fully Open
PITOT VENT	Fully Open
STATIC VENT	Fully Open

(4). If pitot heat is installed, make sure **PITOT HEAT** switch is set to **OFF**.

(5). Connect pitot test hose (red band) to universal pitot adapter.

(6). Put universal pitot adapter on pitot tube.

(7). Connect static test hose (blue band) to static port test adapter.

(8). Put static port test adapter on static port(s) on one side of fuselage (Ref. manufacturers instructions).

(9). Seal static port(s) on other side of fuselage with polyethylene tape (C717).

(10). Set the helicopter altimeter to 29.92 in. Hg.

(11). Set air data test set (T1005) **POWER** switch to **ON**.

(12). Push air data test set (T1005) **PUMP** button.

CAUTION

- Do the pitot static test stop procedure before you disconnect the test set.
- Before you pressurize pitot or static system, make sure test set limit protection is on.

(13). Close **PITOT VENT** valve.

(14). Close **CROSSBLEED CONTROL** valve.

NOTE: Look at helicopter and test set airspeed indications while you do the procedure that follows.

(15). Slowly open **PITOT CONTROL** valve to get an indication of **160 Kts**. Close valve.

(16). Push **LEAK TEST F2** button on air data test set (T1005). Leak test mode menu will show.

(17). Push **LEAK TEST F2** button on air data test set (T1005) again. A 60 second timer will start.

(18). After 60 second timer is done, Pitot Leak Test will show test time and leak rate in knots for each minute (Kts/Min).

(19). After two minutes look at the leak rate. Leak rate must be less than **five Kts/Min**.

(20). Slowly open **PITOT VENT** valve to get an indication of 0 knots.

(21). Set air data test set (T1005) **POWER** switch to **OFF**.

(22). Remove universal pitot adapter from pitot tube.

(23). Disconnect pitot test hose (red band) from universal pitot adapter.

(24). Remove static port test adapter from static port(s).

(25). Disconnect static test hose (blue band) from static port test adapter.

(26). Remove tape from static port(s).

D. Airspeed Check (Pitot Only)

Consumable Materials (Ref. CSP–SPM)

Item	Nomenclature
C717	Tape, Polyethylene

Special Tools (Ref. CSP–SPM)

Item	Nomenclature
T1005	Air Data Test Set
T1016	Test Adapter, Static Port, Single
T1017	Test Adapter, Static Port, Dual

(1). Do the air data test set (T1005) leak test, refer to manufacturer's instructions.

(2). Do the pitot system leak test.

(3). Make sure air data test set (T1005) **POWER** switch is set to **OFF**.

NOTE: Do not tighten valves too much.

(4). Set the air data test set (T1005) valves to initial positions (Ref. Table 602).

Table 602. Initial Valve Position

Valve	Position
PITOT CONTROL	Fully Closed
STATIC CONTROL	Fully Closed
CROSSBLEED CONTROL	Fully Open
PITOT VENT	Fully Open
STATIC VENT	Fully Open

(5). If pitot heat is installed, make sure **PITOT HEAT** switch is set to **OFF**.

(6). Connect pitot test hose (red band) to universal pitot adapter.

(7). Put universal pitot adapter on pitot tube.

(8). Connect static test hose (blue band) to static port test adapter.

(9). Put static port test adapter on static port(s) on one side of fuselage (Ref. manufacturers instructions).

(10). Seal static port(s) on other side of fuselage with polyethylene tape (C717).

(11). Set the helicopter altimeter to 29.92 in. Hg.

(12). Set air data test set (T1005) **POWER** switch to **ON**.

(13). Push air data test set (T1005) **PUMP** button.

CAUTION

- Do the pitot static test stop procedure before you disconnect the test set.
- Before you pressurize pitot or static system, make sure test set limit protection is on.

(14). Close **PITOT VENT** valve.

(15). Close **CROSSBLEED CONTROL** valve.

NOTE: Look at helicopter and test set airspeed indications while you do the procedure that follows.

(16). Slowly open **PITOT CONTROL** valve to get an indication of 100 knots on air data test set (T1005). Close valve.

(17). Look at the helicopter airspeed indicator. Indication must be **97-103 knots**.

(18). Slowly open **PITOT CONTROL** valve to get an indication of 120 knots on air data test set (T1005). Close valve.

(19). Look at the helicopter airspeed indicator. Indication must be **117-123 knots**.

(20). Slowly open **PITOT CONTROL** valve to get an indication of 130 knots on air data test set (T1005). Close valve.

(21). Look at the helicopter airspeed indicator. Indication must be **127-133 knots**.

(22). Slowly open **PITOT CONTROL** valve to get an indication of 160 knots on air data test set (T1005). Close valve.

(23). Look at the helicopter airspeed indicator. Indication must be **157-163 knots**.

(24). Slowly open **PITOT VENT** valve to get an indication of 0 knots on air data test set (T1005).

(25). Set air data test set (T1005) **POWER** switch to **OFF**.

(26). Remove universal pitot adapter from pitot tube.

(27). Disconnect pitot test hose (red band) from universal pitot adapter.

(28). Remove static port test adapter from static port(s).

(29). Disconnect static test hose (blue band) from static port test adapter.

(30). Remove tape from static port(s).

E. Static System Leak Test

Consumable Materials (Ref. CSP–SPM)

Item	Nomenclature
C717	Tape, Polyethylene

Special Tools (Ref. CSP–SPM)

Item	Nomenclature
T1005	Air Data Test Set
T1016	Test Adapter, Static Port, Single
T1017	Test Adapter, Static Port, Dual

(1). Do the air data test set (T1005) leak test, refer to manufacturer's instructions.

(2). Make sure air data test set (T1005) **POWER** switch is set to **OFF**.

NOTE: Do not tighten valves too much.

(3). Set the air data test set (T1005) valves to initial positions (Ref. Table 603).

Table 603. Initial Valve Position

Valve	Position
PITOT CONTROL	Fully Closed
STATIC CONTROL	Fully Closed
CROSSBLEED CONTROL	Fully Open
PITOT VENT	Fully Open
STATIC VENT	Fully Open

(4). If pitot heat is installed, make sure **PITOT HEAT** switch is set to **OFF**.

(5). Connect pitot test hose (red band) to universal pitot adapter.

(6). Put universal pitot adapter on pitot tube.

(7). Connect static test hose (blue band) to static port test adapter.

(8). Put static port test adapter on static port(s) on one side of fuselage (Ref. manufacturers instructions).

(9). Seal static port(s) on other side of fuselage with polyethylene tape (C717).

(10). Set the helicopter altimeter to 29.92 in. Hg.

(11). Set air data test set (T1005) **POWER** switch to **ON**.

(12). Push air data test set (T1005) **PUMP** button.

CAUTION

- Do the pitot static test stop procedure before you disconnect the test set.
- Before you pressurize pitot or static system, make sure test set limit protection is on.

(13). Close **STATIC VENT** and **PITOT VENT** valves.

NOTE: Look at helicopter and test set altitude and vertical speed indications while you do the procedure that follows.

CAUTION Do not increase the vertical speed more than the limit. Damage to indicators can occur.

(14). Slowly open **STATIC CONTROL** valve to get an indication of 5,000 ft. on air data test set (T1005). Close valve.

(15). Push **LEAK TEST F2** button on air data test set (T1005). Leak test mode menu will show.

(16). Push **F1** button for Static Test on air data test set (T1005). A 60 second timer will start.

(17). After 60 second timer is done, Static Leak Test will show test time and leak rate in feet for each minute (Ft/Min).

(18). After two minutes look at the leak rate. Leak rate must be less than **50 Ft/Min**.

(19). Push **F4** button on air data test set (T1005) to Cancel the test.

CAUTION

- Make sure you vent static pressure through the **PITOT VENT** valve. Damage to airspeed indicator can occur.
- Do not decrease the vertical speed more than the limit. Damage to indicators can occur.

(20). Slowly open **PITOT VENT** valve to get an indication of 0 ft on air data test set (T1005).

(21). After you get an indication of 0 ft, slowly open **STATIC VENT** valve.

(22). Set air data test set (T1005) **POWER** switch to **OFF**.

(23). Remove universal pitot adapter from pitot tube.

(24). Disconnect pitot test hose (red band) from universal pitot adapter.

(25). Remove static port test adapter from static port(s).

(26). Disconnect static test hose (blue band) from static port test adapter.

(27). Remove tape from static port(s).

F. Altitude Check (Static Only)

Consumable Materials (Ref. CSP–SPM)

Item	Nomenclature
C717	Tape, Polyethylene

Special Tools (Ref. CSP–SPM)

Item	Nomenclature
T1005	Air Data Test Set
T1016	Test Adapter, Static Port, Single
T1017	Test Adapter, Static Port, Dual

(1). Do the air data test set (T1005) leak test, refer to manufacturer's instructions.

(2). Do the static system leak test.

(3). Make sure air data test set (T1005) **POWER** switch is set to **OFF**.

NOTE: Do not tighten valves too much.

(4). Set the air data test set (T1005) valves to initial positions (Ref. Table 604).

Table 604. Initial Valve Position

Valve	Position
PITOT CONTROL	Fully Closed
STATIC CONTROL	Fully Closed
CROSSBLEED CONTROL	Fully Open
PITOT VENT	Fully Open
STATIC VENT	Fully Open

(5). If pitot heat is installed, make sure **PITOT HEAT** switch is set to **OFF**.

(6). Connect pitot test hose (red band) to universal pitot adapter.

(7). Put universal pitot adapter on pitot tube.

(8). Connect static test hose (blue band) to static port test adapter.

(9). Put static port test adapter on static port(s) on one side of fuselage (Ref. manufacturers instructions).

(10). Seal static port(s) on other side of fuselage with polyethylene tape (C717).

(11). Set the helicopter altimeter to 29.92 in. Hg.

(12). Set air data test set (T1005) **POWER** switch to **ON**.

(13). Push air data test set (T1005) **PUMP** button.

CAUTION

- Do the pitot static test stop procedure before you disconnect the test set.
- Before you pressurize pitot or static system, make sure test set limit protection is on.

(14). Close **STATIC VENT** and **PITOT VENT** valves.

NOTE: Look at helicopter and test set altitude and vertical speed indications while you do the procedure that follows.

CAUTION Do not increase the vertical speed more than the limit. Damage to indicators can occur.

(15). Slowly open **STATIC CONTROL** valve to get necessary altitude indication on air data test set (T1005). Close valve.

(16). Look at the helicopter altimeter. Indication must be no more than **50 ft** above or below the air data test set (T1005) indication.

(17). Slowly open **STATIC CONTROL** valve to increase altitude indication as necessary on air data test set (T1005). Close valve.

(18). Look at the helicopter Altimeter. Indication must be no more than **50 ft** above or below the air data test set (T1005) indication.

CAUTION Do not decrease the vertical speed more than the limit. Damage to indicators can occur.

(19). Slowly open **STATIC VENT** valve to decrease altitude indication as necessary on air data test set (T1005). Close valve.

(20). Look at the helicopter altimeter. Indication must be no more than **50 ft** above or below the air data test set (T1005) indication.

CAUTION Make sure you vent static pressure through the **PITOT VENT** valve. Damage to airspeed indicator can occur.

(21). Slowly open **PITOT VENT** valve to decrease indication to the altitude of the ground.

(22). Look at the helicopter altimeter. Indication must be no more than **50 ft** above or below the altitude of the ground.

(23). Set air data test set (T1005) **POWER** switch to **OFF**.

(24). Remove universal pitot adapter from pitot tube.

(25). Disconnect pitot test hose (red band) from universal pitot adapter.

(26). Remove static port test adapter from static port(s).

(27). Disconnect static test hose (blue band) from static port test adapter.

(28). Remove tape from static port(s).

G. Altitude and Airspeed Test Together

Consumable Materials (Ref. CSP–SPM)

Item	Nomenclature
C717	Tape, Polyethylene

Special Tools (Ref. CSP–SPM)

Item	Nomenclature
T1005	Air Data Test Set
T1016	Test Adapter, Static Port, Single
T1017	Test Adapter, Static Port, Dual

(1). Do the air data test set (T1005) leak test, refer to manufacturer's instructions.

(2). Do the pitot system leak test.

(3). Do the static system leak test.

(4). Make sure air data test set (T1005) **POWER** switch is set to **OFF**.

NOTE: Do not tighten valves too much.

(5). Set the air data test set (T1005) valves to initial positions (Ref. Table 605).

Table 605. Initial Valve Position

Valve	Position
PITOT CONTROL	Fully Closed
STATIC CONTROL	Fully Closed
CROSSBLEED CONTROL	Fully Open
PITOT VENT	Fully Open
STATIC VENT	Fully Open

(6). If pitot heat is installed, make sure **PITOT HEAT** switch is set to **OFF**.

(7). Connect pitot test hose (red band) to universal pitot adapter.

(8). Put universal pitot adapter on pitot tube.

(9). Connect static test hose (blue band) to static port test adapter.

(10). Put static port test adapter on static port(s) on one side of fuselage (Ref. manufacturers instructions).

(11). Seal static port(s) on other side of fuselage with polyethylene tape (C717).

(12). Set the helicopter altimeter to 29.92 in. Hg.

(13). Set air data test set (T1005) **POWER** switch to **ON**.

(14). Push air data test set (T1005) **PUMP** button.

CAUTION

- Do the pitot static test stop procedure before you disconnect the test set.
- Before you pressurize pitot or static system, make sure test set limit protection is on.

(15). Make sure **STATIC VENT** and **PITOT VENT** valves are closed.

(16). Make sure **CROSSBLEED CONTROL** valve is fully open.

NOTE: Look at helicopter and test set altitude and vertical speed indications while you do the procedure that follows.

CAUTION Do not increase the vertical speed more than the limit. Damage to indicators can occur.

(17). Slowly open **STATIC CONTROL** valve to get necessary altitude indication. Close valve.

NOTE: When the **CROSSBLEED CONTROL** valve is closed, pitot system can have a different pressure.

(18). Close **CROSSBLEED CONTROL** valve.

NOTE: Look at helicopter and test set airspeed indications while you do the procedure that follows.

(19). Slowly open **PITOT CONTROL** valve to get an indication of 100 knots on air data test set (T1005). Close valve.

(20). Look at the helicopter airspeed indicator. Indication must be **97–103 knots**.

(21). Look at the helicopter altimeter. Indication must be no more than **50 ft** above or below the air data test set (T1005) indication.

(22). To continue test with an increase in altitude, do the procedure that follows:

CAUTION Do not fully open **PITOT VENT** valve while system is at altitude. Damage to airspeed indicator can occur.

(a). Slowly open **CROSSBLEED CONTROL** valve to get an indication of 0 knots on air data test set (T1005).

(b). Slowly open **STATIC CONTROL** valve to get necessary altitude indication on air data test set (T1005). Close valve.

(c). Look at the helicopter altimeter. Indication must be no more than **50 ft** above or below the air data test set (T1005) indication.

NOTE: When the **CROSSBLEED CONTROL** valve is closed, pitot system can have a different pressure.

(d). Close **CROSSBLEED CONTROL** valve.

NOTE: Look at helicopter and test set airspeed indications while you do the procedure that follows.

(e). Slowly open **PITOT CONTROL** valve to get necessary indication on air data test set (T1005). Close valve.

(f). Look at the helicopter airspeed indicator. Indication must be no more than **3 knots** above or below the air data test set (T1005) indication.

(23). To continue test with a decrease in altitude, do the procedure that follows:

CAUTION Do not fully open **PITOT VENT** valve while system is at altitude. Damage to airspeed indicator can occur.

(a). Slowly open **CROSSBLEED CONTROL** valve to get an airspeed indication of 0 knots on air data test set (T1005).

CAUTION Do not decrease the vertical speed more than the limit. Damage to indicators can occur.

(b). Slowly open **STATIC VENT** valve to decrease altitude indication as necessary on air data test set (T1005). Close valve.

(c). Look at the helicopter altimeter. Indication must be no more than **50 ft** above or below the air data test set (T1005) indication.

NOTE: When the **CROSSBLEED CONTROL** valve is closed, pitot system can have a different pressure.

(d). Close **CROSSBLEED CONTROL** valve.

NOTE: Look at helicopter and test set airspeed indications while you do the procedure that follows.

(e). Slowly open **PITOT CONTROL** valve to get necessary indication on air data test set (T1005). Close valve.

(f). Look at the helicopter airspeed indicator. Indication must be no more than **3 knots** above or below indication on air data test set (T1005).

(24). To continue the test with an increase in airspeed, do the procedure that follows:

NOTE: Look at helicopter and test set airspeed indications while you do the procedure that follows.

(a). Slowly open **PITOT CONTROL** valve to get necessary airspeed indication on air data test set (T1005). Close valve.

(b). Look at the helicopter airspeed indicator. Indication must be no more than **3 knots** above or below indication on air data test set (T1005).

(25). To continue the test with a decrease in airspeed, do the procedure that follows:

CAUTION Do not fully open **PITOT VENT** valve while system is at altitude. Damage to airspeed indicator can occur.

(a). Slowly open **CROSSBLEED CONTROL** valve to get an airspeed indication of 0 knots on air data test set (T1005).

(b). Slowly open **STATIC CONTROL** valve to get last altitude indication on air data test set (T1005). Close valve.

NOTE: When the **CROSSBLEED CONTROL** valve is closed, pitot system can have a different pressure.

(c). Close **CROSSBLEED CONTROL** valve.

NOTE: Look at helicopter and test set airspeed indications while you do the procedure that follows.

(d). Slowly open **PITOT CONTROL** valve to get necessary airspeed indication on air data test set (T1005). Close valve.

(e). Look at the helicopter airspeed indicator. Indication must be no more than **3 knots** above or below indication on air data test set (T1005).

(26). To continue the test with a change in altitude and airspeed, do the procedure that follows:

(a). Slowly open **CROSSBLEED CONTROL** valve to get an airspeed indication of 0 knots on air data test set (T1005).

CAUTION

- Do not fully open **PITOT VENT** valve while system is at altitude. Damage to airspeed indicator can occur.
- Do not change the vertical speed more than the limit. Damage to indicators can occur.

NOTE: Look at helicopter altimeter and test set altitude indication while you do the procedure that follows.

(b). Slowly open **STATIC CONTROL** valve to get an increase in altitude indication or slowly open **PITOT VENT** valve to get a decrease in altitude indication on air data test set (T1005). Close valve.

(c). Look at the helicopter altimeter. Indication must be no more than **50 ft** above or below the air data test set (T1005) indication.

NOTE: When the **CROSSBLEED CONTROL** valve is closed, pitot system can have a different pressure.

(d). Close **CROSSBLEED CONTROL** valve.

NOTE:

- Look at helicopter and test set airspeed indications while you do the procedure that follows.
- Do not tighten valves too much.

(e). Slowly open **PITOT CONTROL** valve to get necessary airspeed indication on air data test set (T1005). Close valve.

(f). Look at the helicopter airspeed indicator. Indication must be no more than **3 knots** above or below indication on air data test set (T1005).

(27). When test is complete, slowly open **CROSSBLEED CONTROL** valve to get an airspeed indication of 0 knots on air data test set (T1005). Make sure valve stays fully open.

CAUTION

- Do not fully open **PITOT VENT** valve while system is at altitude. Damage to airspeed indicator can occur.
- Make sure you vent static pressure through the **PITOT VENT** valve. Damage to airspeed indicator can occur.
- Do not decrease the vertical speed more than the limit. Damage to indicators can occur.

(28). Slowly open **PITOT VENT** valve to get an indication of ground elevation on air data test set (T1005).

(29). After you get an indication of 0 ft, slowly open **STATIC VENT** valve.

(30). Set air data test set (T1005) **POWER** switch to **OFF**.

(31). Remove universal pitot adapter from pitot tube.

(32). Disconnect pitot test hose (red band) from universal pitot adapter.

(33). Remove static port test adapter from static port(s).

(34). Disconnect static test hose (blue band) from static port test adapter.

(35). Remove tape from static port(s).

H. Pitot Static Test Stop

(1). Slowly open **CROSSBLEED CONTROL** valve to get an airspeed indication of 0 knots on air data test set (T1005). Make sure valve stays fully open.

CAUTION

- Make sure you vent static pressure through the **PITOT VENT** valve. Damage to airspeed indicator can occur.
- Do not decrease the vertical speed more than the limit. Damage to indicators can occur.

(2). Slowly open **PITOT VENT** valve to get an indication of ground elevation on air data test set (T1005).

(3). Make sure **STATIC VENT** valve is open.

(4). Make sure **PITOT CONTROL** valve is closed.

(5). Make sure **STATIC CONTROL** valve is closed.

(6). Set air data test set (T1005) **POWER** switch to **OFF**.

(7). Remove universal pitot adapter from pitot tube.

(8). Disconnect pitot test hose (red band) from universal pitot adapter.

(9). Remove static port test adapter from static port(s).

(10). Disconnect static test hose (blue band) from static port test adapter.

(11). Remove tape from static port(s).

I. Static System Moisture Drain Procedure

(Ref. Figure 404)

(1). Open access panels L109 and R128 (Ref. Section 06–00–00).

(2). Push bottom of drain valve to release fluid. Do on both sides of helicopter.

(3). Close access panels L109 and R128 (Ref. Section 06–00–00).

J. Pitot Tube Foreign Matter Removal

(1). Disconnect pitot tubing from connector on pitot tube.

(2). Blow clean dry air through pitot tube to clear obstruction. Blow air opposite to the usual flow direction.

6. Heated Pitot System (Optional)

A. Heated Pitot System Inspection (Area 1)

(Ref. Figure 403)

(1). Inspect for broken or damaged wires. No damage allowed.

(2). Inspect for damage to air inlet. No damage allowed.

(3). Inspect drain hole for blockage. If necessary, remove blockage.

B. Heated Pitot System Operational Test

(1). On **ELECTRICAL MASTER** panel, set **POWER** switch to **BAT/EXT**.

(2). On **ESSENTIAL BUS** panel, close **PITOT HEAT 1** circuit breaker.

(3). On utility panel, set **PITOT HEAT** switch to **ON**.

WARNING **Do not touch pitot tube. The pitot tube is hot and can burn your skin.**

(4). Position hand near heated pitot tube and make sure heater operates.

(5). On utility panel, set **PITOT HEAT** switch to **OFF**.

(6). On **ESSENTIAL BUS** panel, open **PITOT HEAT 1** circuit breaker.

(7). On **ELECTRICAL MASTER** panel, set **POWER** switch to **OFF**.

7. Vertical Speed Indicator

A. Vertical Speed Indicator Inspection (Area 1)

(Ref. Figure 407)

(1). Inspect vertical speed indicator case for dents and cover glass for movement and cracks. No damage allowed.

(2). Inspect index mark and symbols on face for correct color and easy to read. No damage allowed.

(3). Make sure indicator shows zero.

(4). Inspect fittings on the back of the vertical speed indicator for damage that can prevent correct connection of tubing nuts. No damage allowed.

B. Vertical Speed Indicator Calibration

(1). Vertical speed indicator must be calibrated by an approved repair facility.

8. Radar Altimeter System

A. Radar Altimeter System Inspection (Area 1)

(Ref. Figure 408)

(1). Make sure warning flag shows when power is off.

(2). Inspect radar altimeter case for dents and cover glass for movement and cracks. No damage allowed.

(3). Inspect index mark and symbols on face for correct color and easy to read. No damage allowed.

(4). Inspect connector on the back of the radar altimeter for damage that can prevent correct connection of tubing nuts. No damage allowed.

(5). Inspect radar altimeter remote unit for dents or cracks in case (Ref. Figure 409). No damage allowed.

(6). Inspect electrical connectors on radar altimeter remote unit for damaged threads, corrosion, broken, or bent pins. Maximum thread damage, **50 percent** of one thread.

(7). Inspect radar altimeter antenna for cracks, dents, scrapes, or scratches (Ref. Figure 410). No damage allowed.

(8). Inspect sealant around radar altimeter antenna for damage. If necessary, apply new sealant.

B. Radar Altimeter Operational Test

(1). On **ELECTRICAL MASTER** panel, set **POWER** switch to **BAT/EXT**.

(2). On **LEFT AVIONICS BUS** circuit breaker panel in electrical load center, close **RAD ALT** circuit breaker.

(3). Push test switch, indicator will show approximately 100 feet and the OFF flag will show. If Decision Height (DH) is set above 100 feet, DH light will also come on.

(4). On **LEFT AVIONICS BUS** circuit breaker panel, open **RAD ALT** circuit breaker.

(5). On **ELECTRICAL MASTER** panel, set **POWER** switch to **OFF**.

C. Radar Altimeter Calibration

(1). Altimeter must be calibrated by an approved repair facility.

Section

95–20–00

Navigation

NAVIGATION

DESCRIPTION AND OPERATION

1. Navigation Instruments

(Ref. Figure 1)

The navigation instruments subsystem shows current navigation information. The subsystem consists of instruments. The navigation instruments are installed in or near the instrument panel. The navigation instruments are:

- Magnetic Compass
- Attitude Gyro
- Navigation Indicator

A. Magnetic Compass

(Ref. Figure 1)

The magnetic compass is installed on the cockpit center pillar. It gives directional heading information to the pilots. The compass shows the aircraft heading in relation to the earth magnetic field.

B. Attitude Gyro

(Ref. Figure 1)

The attitude gyro is installed in all **902 CONFIG** helicopters. The attitude gyro is optional for the **900 CONFIG**.

The attitude gyro is installed in the instrument panel. The attitude gyro gives the flight attitude of the helicopter in relation to the earth. The attitude gyro has a gyroscope that turns at a high speed. The gyroscope keeps the center spherical ball level to the earth. When the helicopter leans in a turn the center spherical ball stays level. The quantity of the lean is shown by the relation between the center spherical ball and the aircraft symbol that moves with the helicopter. The quantity of the lean is also shown by a pointer that moves with the helicopter and marks on a circular inner housing that stays level with the center spherical ball.

The attitude gyro shows when the helicopter is pointed up or down in relation to the earth. When the helicopter points up or down the indicator moves with the helicopter and the center spherical ball stays level. The quantity the helicopter points up or down is shown by the relation of the center spherical ball that stay level and the aircraft symbol that moves with the helicopter.

C. Navigation Indicator

(Ref. Figure 1)

The navigation indicator is installed in the instrument panel. The navigation indicator shows the position of the helicopter in relation to a radio transmit antenna. The navigation receiver is set to the wanted frequency. The navigation indicator will use the radio signal to find the direction of the radio transmit antenna from the helicopter. The navigation indicator will show the direction from the helicopter to the radio transmit antenna. It will also show if the helicopter flight direction is to or from the transmit antenna. For more data on the navigation receiver, refer to Section 97–00–00.

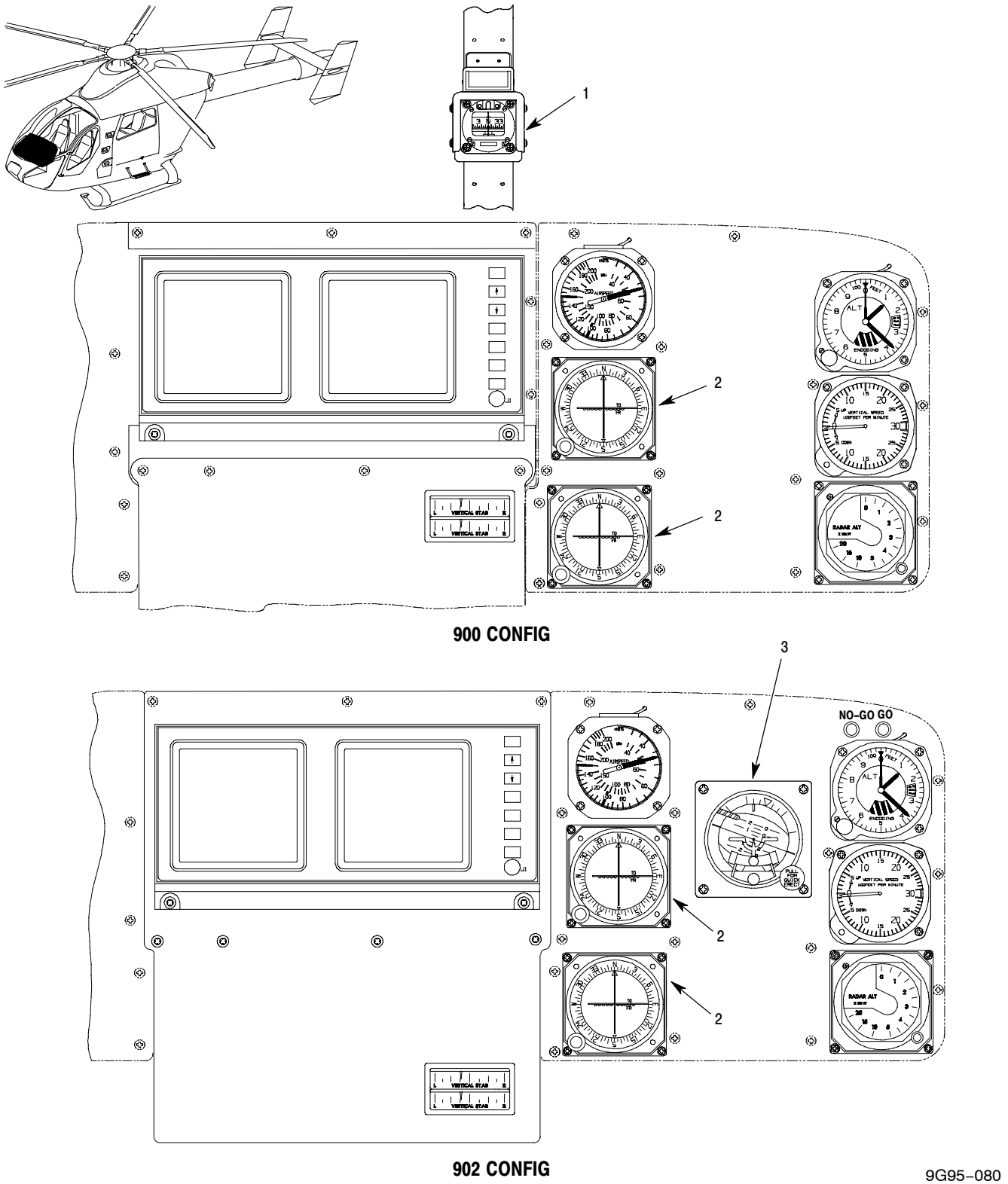


Figure 1. Navigation Instrument Indicators

1. MAGNETIC COMPASS
2. NAVIGATION INDICATOR **(OPTIONAL)**
3. ATTITUDE GYRO **(902 CONFIG)**

2. Transponder System (Optional)

A. Transponder

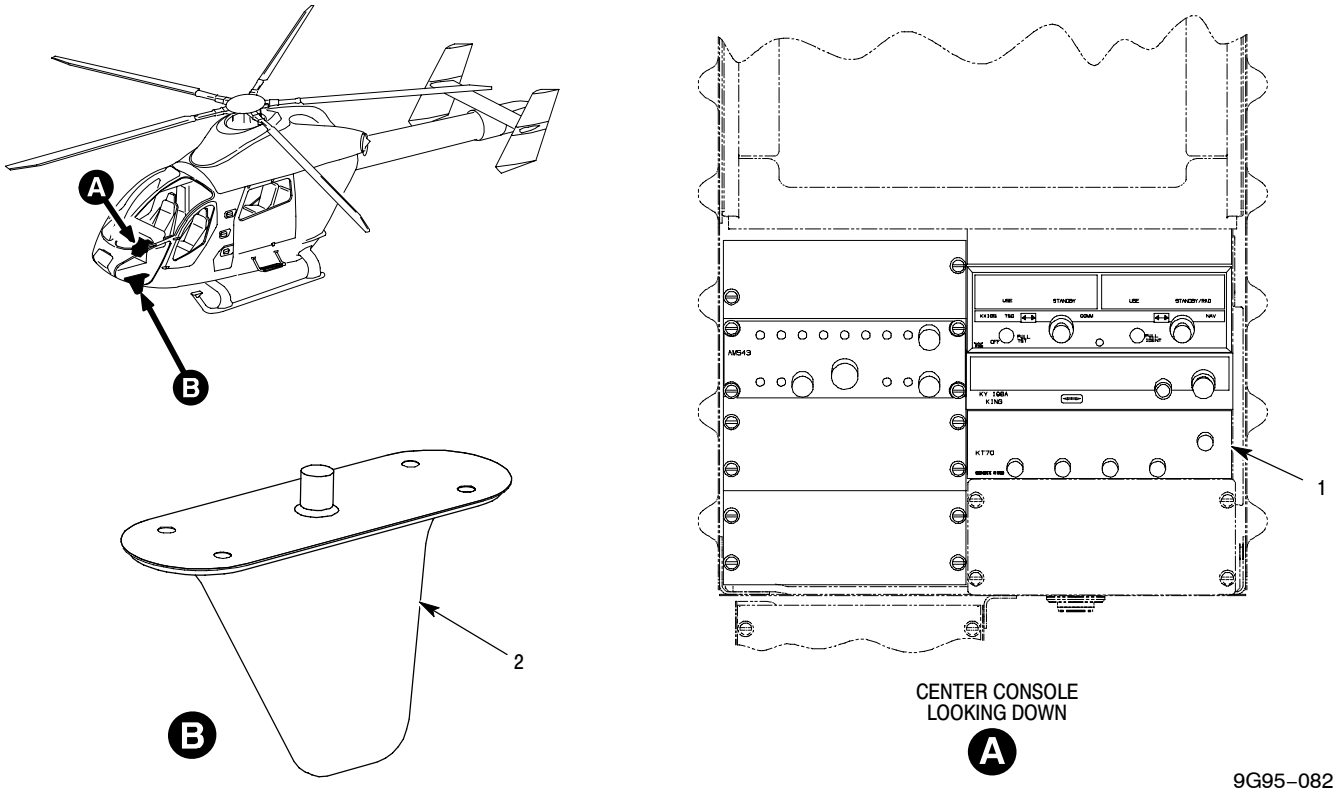
(Ref. Figure 2

The transponder is installed in the center console. The transponder gets altitude data from the helicopter altimeter. The transponder transmits data about the helicopter position and altitude to ground stations through the transponder antenna.

900 CONFIG - The transponder gets 28Vdc electrical power from 5A circuit breaker **XPNDR 1** on the **ESSENTIAL BUS** circuit breaker panel.

902 CONFIG - The transponder gets 28Vdc electrical power from 5A circuit breaker **XPNDR 1** of the **R DC BUS** on the essential bus circuit breaker panel.

The transponder antenna is installed on access panel B142. The antenna is connected to the transponder with a coaxial cable.



1. TRANSPONDER
2. TRANSPONDER ANTENNA

Figure 2. Transponder System

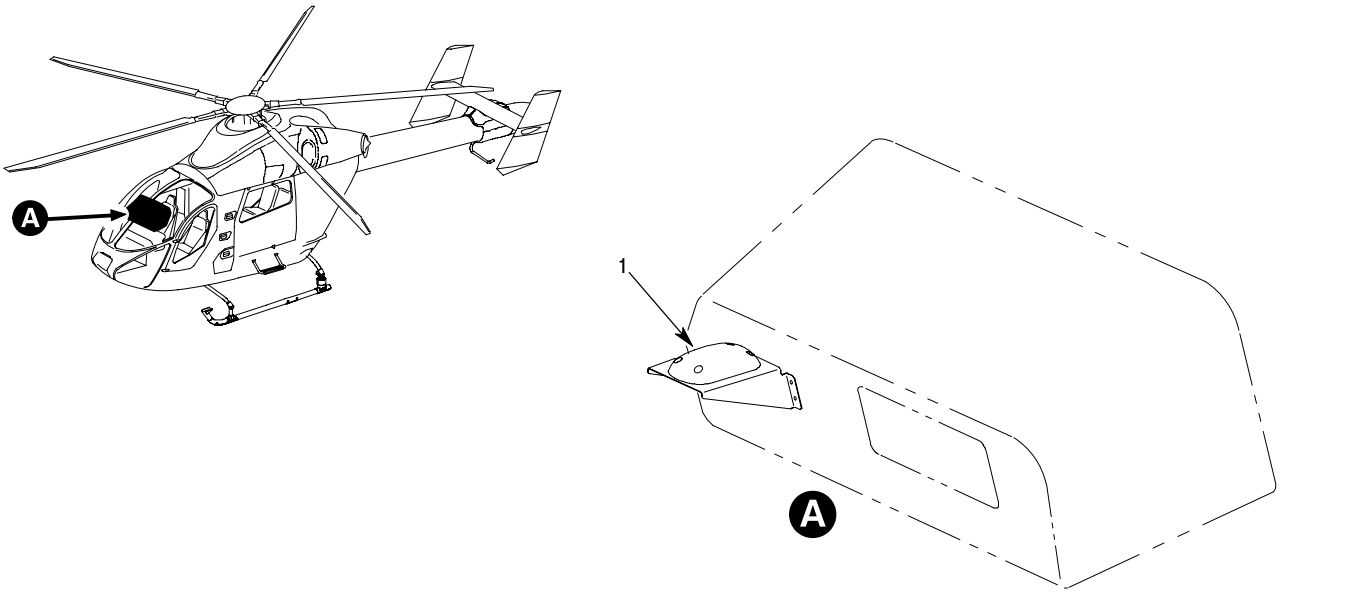
3. GPS System

NOTE: The GPS system is optional on the **900 CONFIG**.

A. GPS Antenna

(Ref. Figure 3

The GPS antenna is installed on a bracket on the front of the instrument panel enclosure. The antenna gets data from signals transmitted from satellites that are in orbit above the earth. The antenna is connected to the communication transceiver with a coaxial cable. For more data on the communication transceiver, refer to Section 97–00–00.



1. GPS ANTENNA

Figure 3. GPS System

NAVIGATION

FAULT ISOLATION

1. Magnetic Compass System Fault Isolation

The fault isolation procedures that follow, are a brief summary of magnetic compass system faults which can occur (Ref. Table 101).

Table 101. Magnetic Compass System Fault Isolation

Fault	Probable Cause	Corrective Action	Ref. Section
Too much error (Incorrect heading.)	External magnetic interference.	Stop magnetic interference.	
	Incorrect adjustment.	Calibrate magnetic compass.	95–20–00
	Air in bowl.	Replace magnetic compass.	95–20–00
Irregular operation.	Fluid level is low.	Replace magnetic compass.	95–20–00
Float not level.	Leak in bowl.	Replace magnetic compass.	95–20–00
	Magnet is disengaged.	Replace magnetic compass.	95–20–00
Slow operation.	Dirt in pivots.	Replace magnetic compass.	95–20–00
	Weak magnet.	Replace magnetic compass.	95–20–00

2. Attitude Gyro System Fault Isolation

The fault isolation procedures that follow, are a brief summary of attitude gyro system faults which can occur (Ref. Table 102). Power to system is applied and circuit breakers are closed.

Full wire diagrams are available (Ref. Section 98–60–00).

Table 102. Attitude Gyro System Fault Isolation

Fault	Probable Cause	Corrective Action	Ref. Section
Attitude gyro does not erect.	Faulty wiring.	Test and repair wiring.	CSP–SPM 20–60–00
	Faulty attitude gyro.	Replace attitude gyro.	95–10–00
Warning flag is not in view when power is not applied to unit.	Faulty attitude gyro.	Replace attitude gyro.	95–10–00
Artificial horizon display intermittent and warning flag is intermittently in view.	Faulty wiring.	Test and repair wiring.	CSP–SPM 20–60–00
	Faulty attitude gyro.	Replace attitude gyro.	95–10–00
Artificial horizon display moves too much or is not stable. Warning flag is not in view.	Faulty attitude gyro.	Replace attitude gyro.	95–10–00
Caging knob does not cage gyro gimbals and erect the artificial horizon display.	Faulty attitude gyro.	Replace attitude gyro.	95–10–00
Pitch trim knob does not control aircraft symbol.	Knob loose.	Tighten knob.	
	Faulty attitude gyro.	Replace attitude gyro.	95–10–00

Table 102. Attitude Gyro System Fault Isolation (Cont.)

Fault	Probable Cause	Corrective Action	Ref. Section
Attitude gyro internal light does not come on correctly. Other operations are correct.	Faulty wiring.	Test and repair wiring.	CSP–SPM 20–60–00
	Faulty attitude gyro.	Replace attitude gyro.	95–10–00
Inclinometer ball does not move.	Faulty attitude gyro.	Replace attitude gyro.	95–10–00

3. Navigation System Fault Isolation

The fault isolation procedures that follow, are a brief summary of navigation system faults which can occur (Ref. Table 103).

Full wire diagrams are available (Ref. Section 98–60–00).

Table 103. Navigation System Fault Isolation

Fault	Probable Cause	Corrective Action	Ref. Section
No nav audio at pilot or copilot position.	NAV transceiver not set to correct frequency.	Set NAV transceiver to correct frequency.	
	Faulty wiring.	Test and repair wiring.	CSP–SPM 20–60–00
	Faulty navigation transceiver.	Replace navigation transceiver.	95–20–00
LOC warning flag shows.	Unsatisfactory signal.		
	NAV transceiver not set to correct frequency.	Set NAV transceiver to correct frequency.	
	Faulty wiring.	Test and repair wiring.	CSP–SPM 20–60–00
	Faulty navigation indicator.	Replace navigation indicator.	95–20–00
	Faulty NAV transceiver.	Replace NAV transceiver.	95–20–00
	Faulty NAV/COMM antenna.	Replace NAV/COMM antenna.	95–20–00
GS (glideslope) warning flag shows.	Unsatisfactory signal.		
	NAV transceiver not set to correct frequency.	Set NAV transceiver to correct frequency.	
	Faulty wiring.	Test and repair wiring.	CSP–SPM 20–60–00
	Faulty navigation indicator.	Replace navigation indicator.	95–20–00
	Faulty NAV transceiver.	Replace NAV transceiver.	95–20–00
	Faulty NAV/COMM antenna.	Replace NAV/COMM antenna.	95–20–00
OBS knob does not operate.	Loose **OBS** knob.	Tighten **OBS** knob.	
	Faulty navigation indicator.	Replace navigation indicator.	95–20–00
To/from indications on NAV indicator are opposite of set position.	Reversed wires.	Check and repair wiring.	CSP–SPM 20–60–00
	Faulty NAV transceiver.	Replace NAV transceiver.	95–20–00

4. Transponder System Fault Isolation

The fault isolation procedures that follow, are a brief summary of transponder system faults which can occur (Ref. Table 104).

Full wire diagrams are available (Ref. Section 98–60–00).

Table 104. Transponder System Fault Isolation

Fault	Probable Cause	Corrective Action	Ref. Section
Transponder signal not received by ground stations.	Transponder not set to **ON** or **ALT**.	Set transponder correctly.	
	Faulty wiring.	Test and repair wiring.	CSP–SPM 20–60–00
	Faulty transponder.	Replace transponder.	95–20–00
	Faulty transponder antenna.	Replace transponder antenna.	95–20–00
Transponder code not received correctly by ground stations.	Incorrect code set.	Set proper code.	
	Faulty wiring.	Test and repair wiring.	CSP–SPM 20–60–00
	Faulty transponder.	Replace transponder.	95–20–00
	Faulty transponder antenna.	Replace transponder antenna.	95–20–00
IDENT function does not operate.	Faulty wiring.	Test and repair wiring.	CSP–SPM 20–60–00
	Faulty transponder.	Replace transponder.	95–20–00
	Faulty transponder antenna.	Replace transponder antenna.	95–20–00
RPLY lamp does not come on when **TEST** switch is set.	Faulty transponder.	Replace transponder.	95–20–00
RPLY lamp does not come on during interrogations.	Faulty wiring.	Test and repair wiring.	CSP–SPM 20–60–00
	Faulty transponder.	Replace transponder.	95–20–00
	Faulty antenna.	Replace antenna.	95–20–00

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NAVIGATION

REMOVAL/INSTALLATION

1. Magnetic Compass

CAUTION Use nonmagnetic tools when removing or installing magnetic compass.

A. Magnetic Compass Removal

(Ref. Figure 401)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Disconnect wire splices **W136 SP5** and **W136 SP6** near magnetic compass (1).

(3). Remove screws (4) and washers (5) from correction card holder (2). Remove correction card holder (2).

(4). Remove screws (6) and washers (7) from case assembly (3).

(5). Remove magnetic compass (1).

B. Magnetic Compass Installation

(Ref. Figure 401)

Power Off

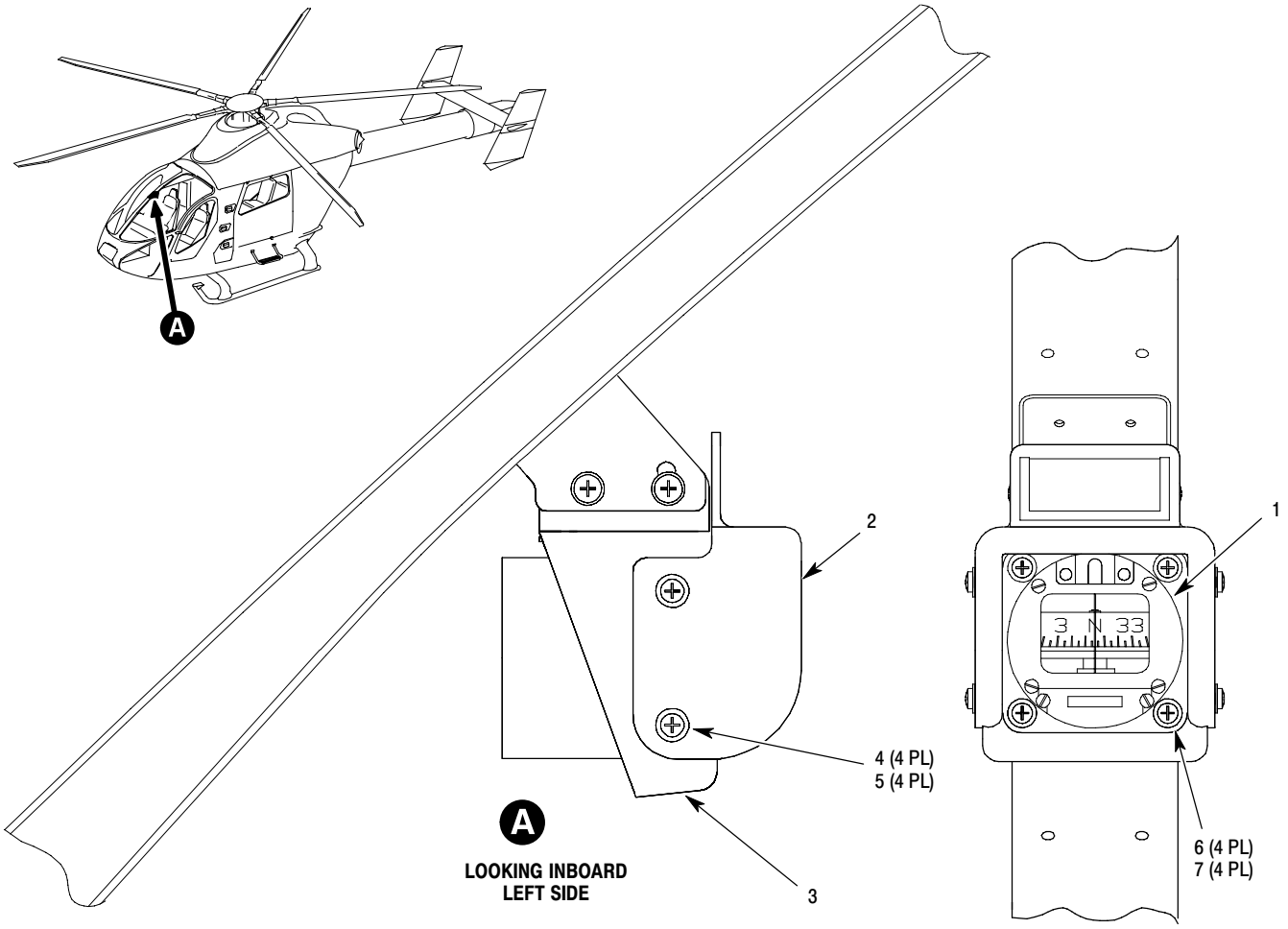
(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Install magnetic compass. Install screws and washers. Torque screws.

(3). Install correction card holder. Install screws and washers. Torque screws.

(4). Connect wire splice **W136 SP5** and **W136 SP6**.

(5). Connect electrical power to helicopter (Ref. Section 96–00–00).



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1. MAGNETIC COMPASS
2. CORRECTION CARD HOLDER
3. CASE ASSEMBLY
4. SCREW
5. WASHER
6. SCREW
7. WASHER

Figure 401. Magnetic Compass

2. Attitude Gyro

NOTE:

- Removal and installation is typical for the pilot and copilot attitude gyro.
- The attitude gyro is optional on the **900 CONFIG**.

A. Attitude Gyro Removal

(Ref. Figure 402)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Remove glareshield from instrument panel (Ref. Section 95–00–00).

(3). Remove top cover of instrument panel (Ref. Section 95–00–00).

CAUTION Do not move attitude gyro until gyro has stopped spinning. Damage to the attitude gyro can occur.

(4). Disconnect electrical connector **P834** (1) from attitude gyro (2).

(5). Remove screws (3) and washers (4). Remove attitude gyro (2).

B. Attitude Gyro Installation

(Ref. Figure 402)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Prepare surface for electrical bond (Ref. CSP–SPM).

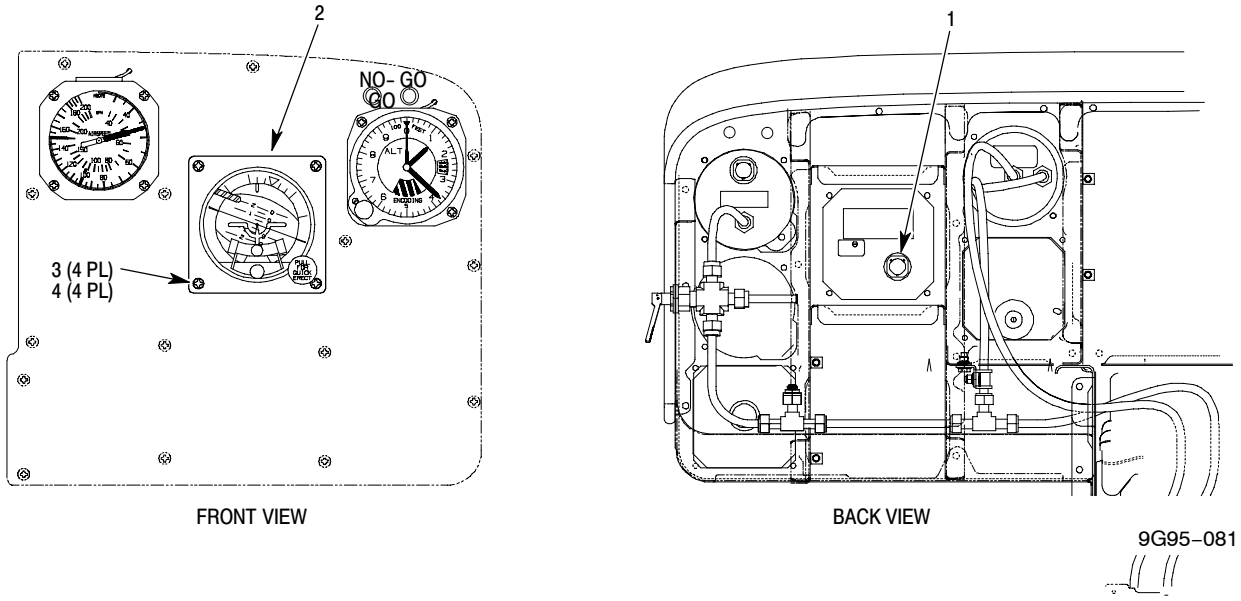
(3). Install attitude gyro in instrument panel. Install screws and washers. Torque screws.

(4). Connect electrical connector **P834** to attitude gyro.

(5). Test attitude gyro for Class “R” electrical bond (Ref. CSP–SPM).

(6). If necessary, touch–up paint (Ref. CSP–SPM).

(7). Connect electrical power to helicopter (Ref. Section 96–00–00).



1. P834
2. ATTITUDE GYRO
3. SCREW
4. WASHER

Figure 402. Attitude Gyro

3. Navigation Indicator No. 1 (Optional)

A. Navigation Indicator No. 1 Removal

(Ref. Figure 403)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Remove glareshield from instrument panel (Ref. Section 95–00–00).

(3). Remove top cover of instrument panel (Ref. Section 95–00–00).

(4). Disconnect electrical connector **P809** from back of navigation indicator No. 1 (1).

(5). Remove screws (3).

(6). Remove navigation indicator No. 1 (1) and adapter plate (2).

B. Navigation Indicator No. 1 Installation

(Ref. Figure 403)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Prepare surface for electrical bond (Ref. CSP–SPM).

(3). Install adapter plate on navigation indicator No. 1.

(4). Install navigation indicator No. 1. Install screws. Torque screws.

(5). Connect electrical connector **P809** to back of navigation indicator No. 1.

(6). Install top cover of instrument panel (Ref. Section 95–00–20).

(7). Install glareshield to instrument panel (Ref. Section 95–00–00).

(8). Test navigation indicator No. 1 for Class “R” electrical bond (Ref. CSP–SPM).

(9). Connect electrical power to helicopter (Ref. Section 96–00–00).

4. Navigation Indicator No. 2 (Optional)

A. Navigation Indicator No. 2 Removal

(Ref. Figure 403)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Disconnect electrical connector **P804** from back of navigation indicator No. 2.

(3). Remove screws (6).

(4). Remove navigation indicator No. 2 (4) and adapter plate (5).

B. Navigation Indicator No. 2 Installation

(Ref. Figure 403)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Prepare surface for electrical bond (Ref. CSP–SPM).

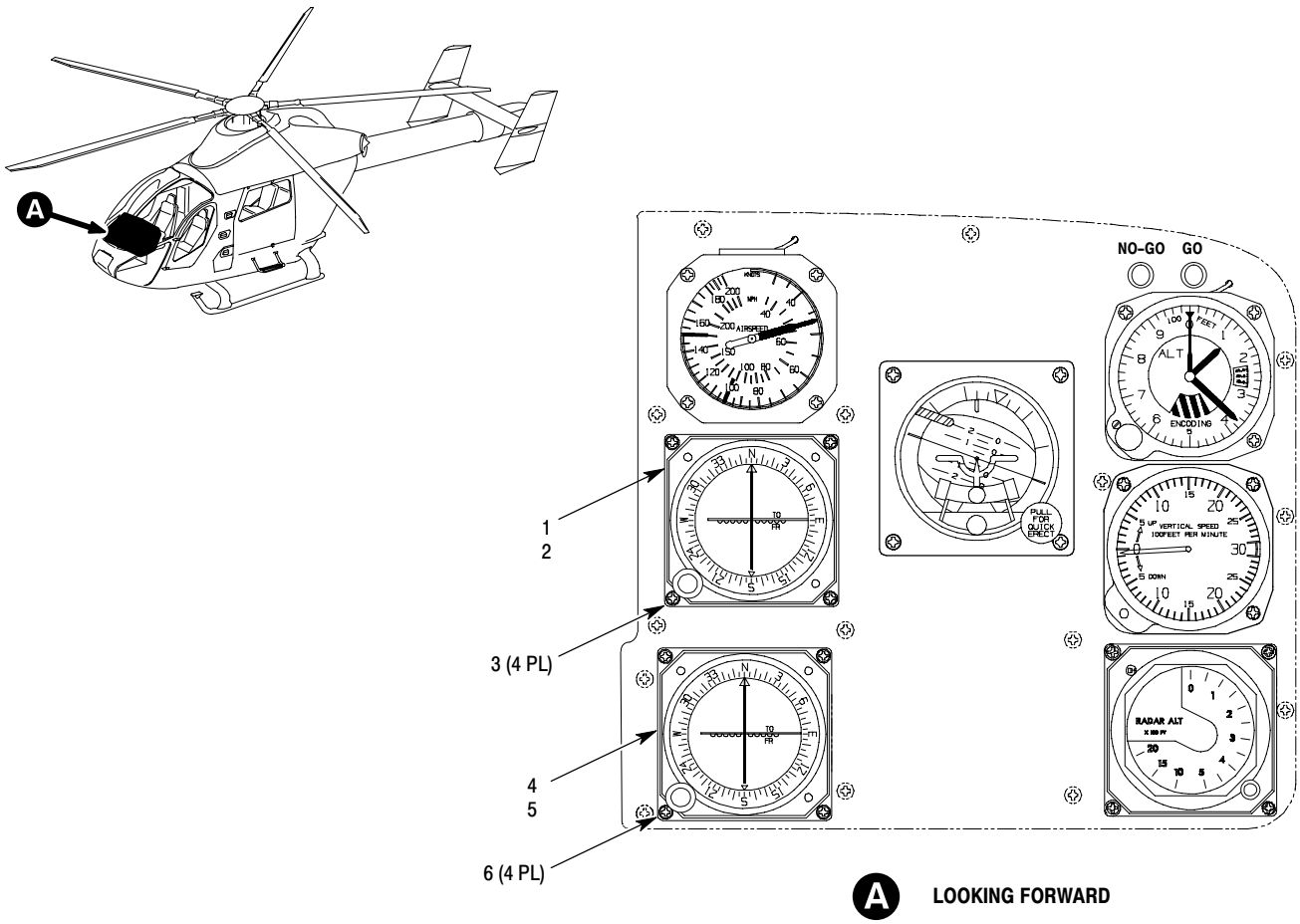
(3). Install adapter plate on navigation indicator No. 2.

(4). Install navigation indicator No. 2. Install screws. Torque screws.

(5). Connect electrical connector **P804** to back of navigation indicator No. 2.

(6). Test navigation indicator No. 2 for Class "R" electrical bond (Ref. CSP–SPM).

(7). Connect electrical power to helicopter (Ref. Section 96–00–00).



1. NAVIGATION INDICATOR NO. 1 (OPTIONAL)
2. ADAPTER PLATE
3. SCREW
4. NAVIGATION INDICATOR NO. 2 (OPTIONAL)
5. ADAPTER PLATE
6. SCREW

Figure 403. Navigation Indicators (Optional)

5. Transponder (Optional)

A. Transponder Removal

(Ref. Figure 404)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Release transponder (1) lock mechanism, use hex key.

(3). Remove transponder (1).

B. Transponder Installation

(Ref. Figure 404)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Prepare surface for electrical bond (Ref. CSP–SPM).

(3). Retract transponder lock mechanism, use hex key.

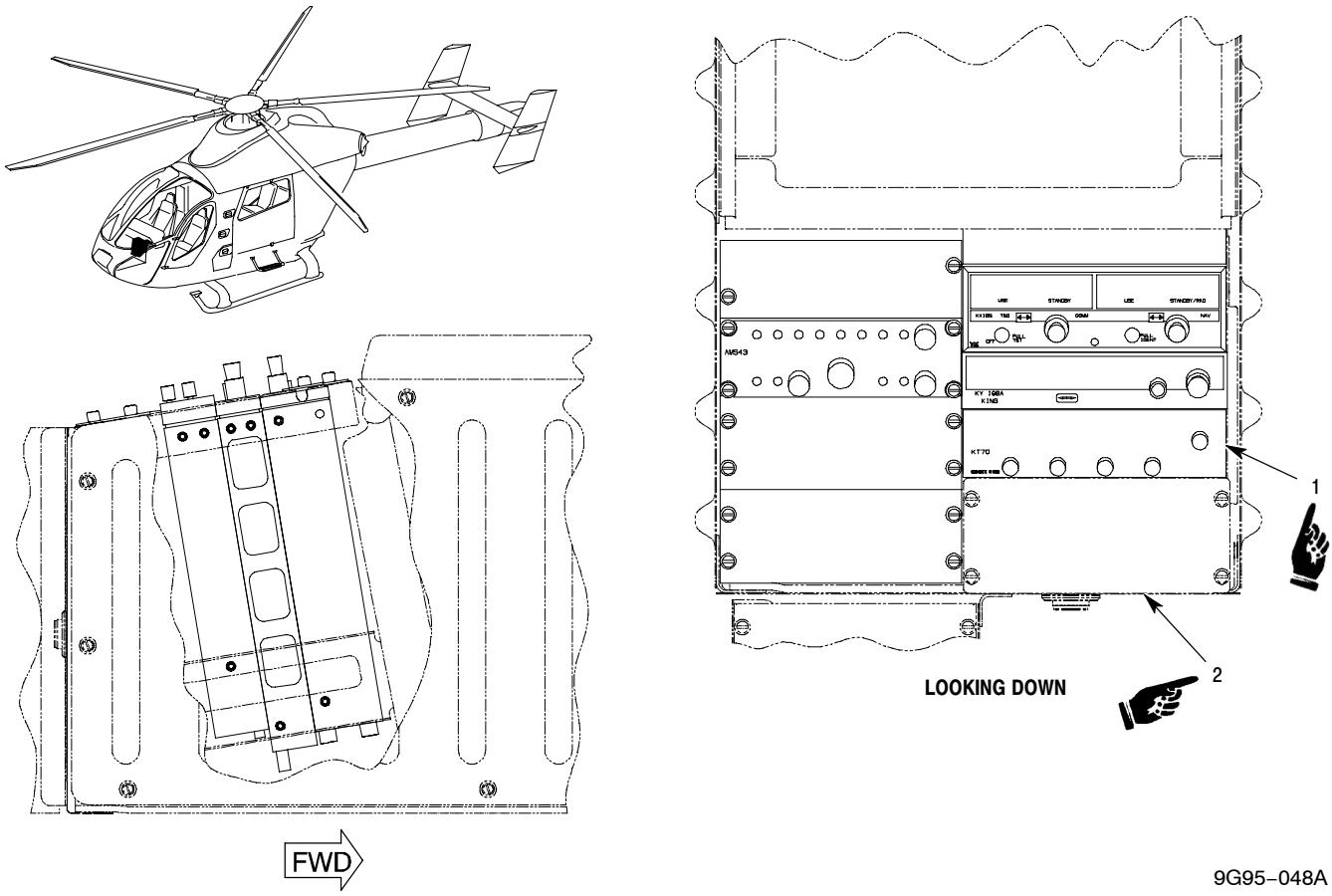
(4). Install transponder.

CAUTION Do not over tighten lock mechanism. Damage to transponder can occur.

(5). Engage transponder lock mechanism. Tighten lock mechanism.

(6). Test transponder for Class “R” electrical bond (Ref. CSP–SPM).

(7). Connect electrical power to helicopter (Ref. Section 96–00–00).



1. TRANSPONDER
2. COVER PLATE

Figure 404. Center Console

6. Transponder Antenna (Optional)

A. Transponder Antenna Removal

(Ref. Figure 405)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Remove access panel B142 (Ref. CSP–900RMM–2, Section 06–00–00).

(3). Disconnect coaxial cable from connector (3).

(4). Remove screws (4). Remove antenna (1).

(5). Remove and discard the gasket (2).

B. Transponder Antenna Installation

(Ref. Figure 405)

Consumable Materials (Ref. CSP–SPM)	
Item	Nomenclature
C232	Sealant

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Apply sealant (C232) to gasket and transponder antenna.

(3). Put gasket on transponder antenna, align attach holes.

(4). Prepare surface for electrical bond (Ref. CSP–SPM).

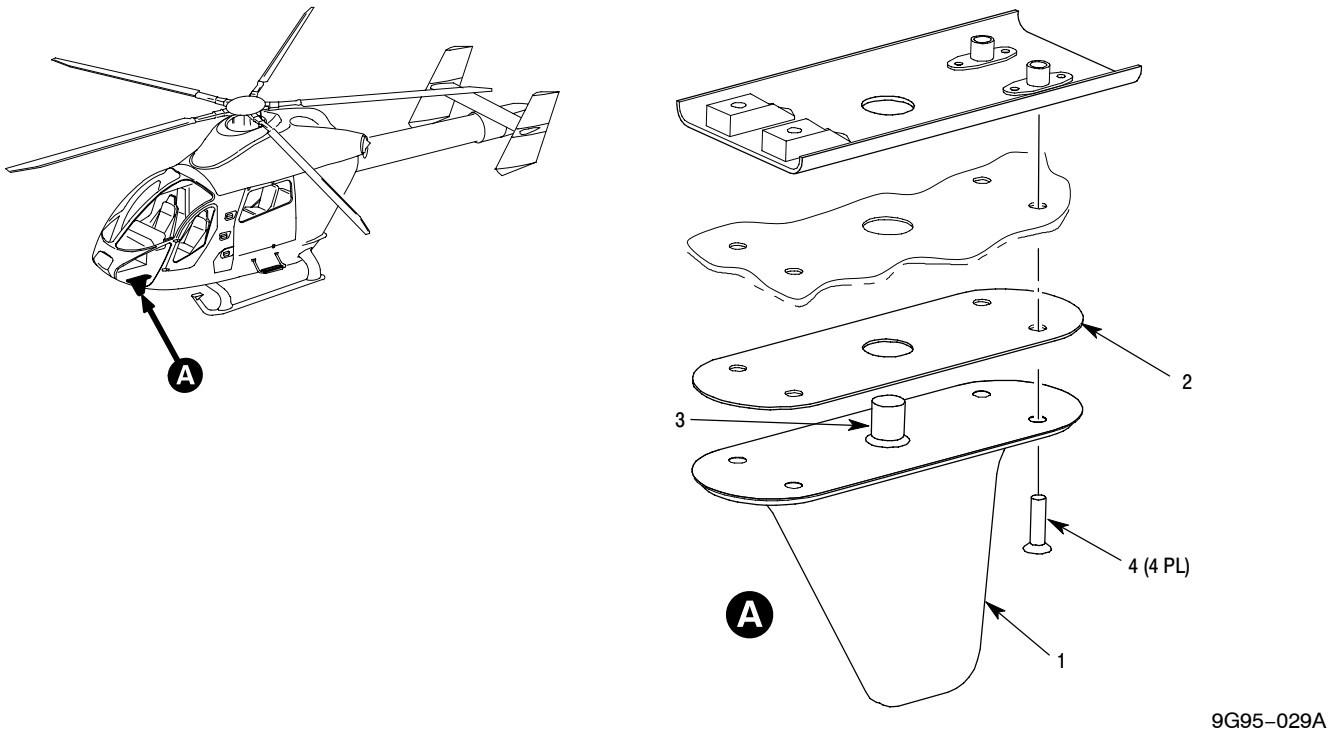
(5). Put antenna fuselage and install screws. Torque screws **25 in-lb (2.83 N•m)**.

(6). Connect coaxial cable to connector.

(7). Install access panel B142 (Ref. CSP–900RMM–2, Section 06–00–00).

(8). Test antenna for Class “R” electrical bond (Ref. CSP–SPM).

(9). Connect electrical power to helicopter (Ref. Section 96–00–00).



1. TRANSPONDER ANTENNA
2. GASKET
3. CONNECTOR
4. SCREW

Figure 405. Transponder Antenna

7. GPS Antenna

(Ref. Figure 406)

NOTE: The GPS antenna is optional on **900 CONFIG**.

A. GPS Antenna – Removal

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Disconnect coaxial cable from connector (1).

(3). Remove screws (4).

(4). Remove GPS antenna (2).

B. GPS Antenna – Installation

(Ref. Figure 406)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

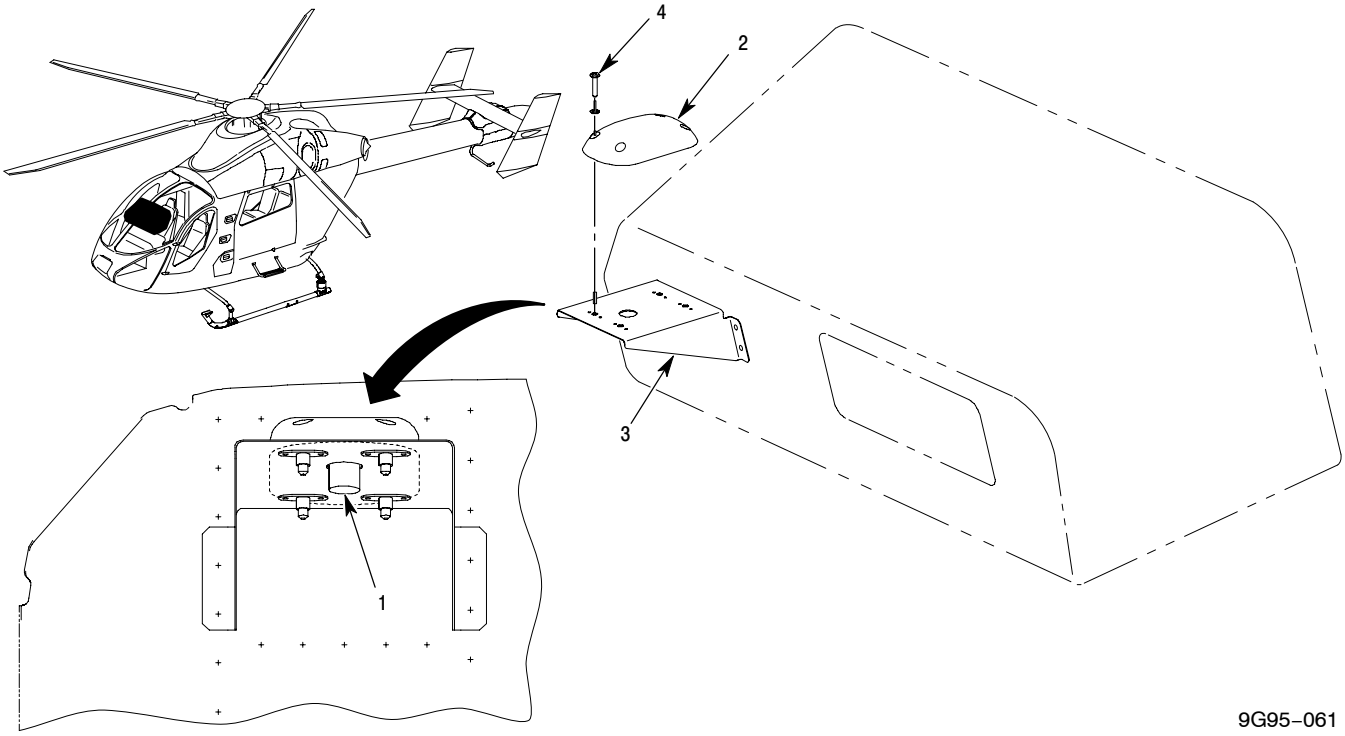
(2). Put GPS antenna in installed position.

(3). Install screws. Torque screws.

(4). Connect coaxial cable to connector.

(5). Test antenna for Class “R” electrical bond (Ref. CSP–SPM).

(6). Connect electrical power to helicopter (Ref. Section 96–00–00).



1. CONNECTOR
2. GPS ANTENNA
3. BRACKET
4. SCREW

Figure 406. GPS Antenna

NAVIGATION

INSPECTION/TEST

1. Magnetic Compass

A. Magnetic Compass Inspection (Area 1)

(Ref. Figure 401)

(1). Inspect for loose, missing or incorrect hardware installation. None permitted.

(2). Inspect for scratched, loose, or cracked glass. No damage permitted.

(3). Inspect index marks and symbols for incorrect color and make sure they are easy to read. No damage permitted.

(4). Inspect fluid for unwanted material, incorrect color, and not being transparent. None permitted.

(5). Inspect for leaks. None allowed.

B. Magnetic Compass Operational Test

Make sure magnetic compass indication is no more than 10 degrees from direction helicopter is pointed.

C. Magnetic Compass Calibration – Compass Rose Method

(1). Put helicopter on compass rose.

(2). Loose helicopter equipment made of magnetic material, must be in the position it would be in during flight.

(3). All magnetic objects must be removed from the compass rose area to a point at which they will have no magnetic effect on the compass system.

(4). Start the helicopter engines and operate at flight RPM. refer to the applicable Rotorcraft Flight Manual CSP–900RFM–1.

(5). Set all electrical/avionics equipment usually on during flight to **ON**.

(6). Turn helicopter 360 degrees at a slow rate. Monitor the compass and see that it follows smoothly and shows the approximate direction.

NOTE:

- Adjustment must be made with a non-magnetic screwdriver.
- lightly tap compass after each adjustment.
- Let compass become stable before you look at the indication.

(7). Turn helicopter to point to magnetic north.

(8). Turn N–S adjustment screw until compass shows north.

(9). Turn helicopter to point to magnetic east.

(10). Turn E–W adjustment screw until the compass shows east.

(11). Turn helicopter to point to magnetic south.

(12). Record the quanity of error.

(13). Turn N–S adjustment screw to remove one half of the error.

(14). Turn helicopter to point to magnetic west.

(15). Record the quanity of error.

(16). Turn E–W adjustment screw to remove one half of the error.

(17). Turn helicopter to point thirty degrees from magnetic west. If necessary, record error on compass correction card.

(18). Turn helicopter thirty degrees again and again until helicopter points to magnetic west. If necessary, record errors at each thirty degrees on compass correction card.

(19). Magnetic compass indication must not be more than 10 degrees different than direction helicopter was pointed at each of the thirty degrees.

(20). Record magnetic compass serial number on compass correction card.

(21). Put completed compass correction card in the helicopter compass correction card holder.

D. Magnetic Compass Calibration – Sight Compass Method

Special Tools (Ref. CSP–SPM)	
Item	Nomenclature
T1007	Sight Compass

WARNING **Do not use a sight compass as an aircraft compass.**

NOTE:

- You can use sight compass method instead of compass rose method to calibrate the magnetic compass.
- A sight compass (T1007) is a standard aircraft compass that indicates 180° opposite of the correct direction. For identification, it should be painted red.
- You must keep at least 30 feet (9.14 M) between sight compass and helicopter.
- You must keep at least 50 feet (15.24 M) between sight compass and other aircraft.
- You must keep at least 100 feet (30.48 M) between sight compass and large buildings, power lines, or heavy metal objects.
- During this procedure, personnel must not have magnetic materials.

(1). Point helicopter in wanted direction.

(2). Loose helicopter equipment made of magnetic material, must be in the position it would be in during flight.

(3). Start the helicopter engines and operate at flight RPM. refer to the applicable Rotorcraft Flight Manual CSP–900RFM–1.

(4). Set all electrical/avionics equipment usually on during flight to **ON**.

(5). Person with sight compass (T1007) stays in front of helicopter at a distance of at least 30 feet (9.14 M).

(6). Hold compass level and sight through lens aligned with helicopter center line.

NOTE:

- Let compass become stable before you look at the indication.
- lightly tap compass before you look at the indication.
- Look at and record indication three times to make sure indication is correct.

(7). Look at helicopter compass indication.

(8). If necessary, record difference between the sight compass and helicopter compass.

(9). Turn helicopter until sight compass indication is magnetic north and sight compass is aligned with helicopter center line.

(10). Turn N–S adjustment screw until compass shows north.

(11). Turn helicopter until sight compass indication is magnetic east and sight compass is aligned with helicopter center line.

(12). Turn E–W adjustment screw until the compass shows east.

(13). Turn helicopter until sight compass indication is magnetic south and sight compass is aligned with helicopter center line.

(14). Record the quanity of error.

(15). Turn N–S adjustment screw to remove one half of the error.

(16). Turn helicopter until sight compass indication is magnetic west and sight compass is aligned with helicopter center line.

(17). Record the quanity of error.

(18). Turn E–W adjustment screw to remove one half of the error.

(19). Turn helicopter until sight compass indication is thirty degrees from magnetic west and sight compass is aligned with helicopter center line. If necessary, record error on compass correction card.

(20). Turn helicopter thirty degrees again and again until sight compass indication is

magnetic west. If necessary, record errors at each thirty degrees on compass correction card.

(21). Magnetic compass indication must not be more than 10 degrees different than direction helicopter was pointed at each of the thirty degrees.

(22). Record magnetic compass serial number on compass correction card.

(23). Put completed compass correction card in the helicopter compass correction card holder.

2. Attitude Gyro

A. Attitude Gyro Inspection (Area 1)

(Ref. Figure 402)

(1). Make sure warning flag shows when power is off.

(2). Inspect attitude gyro case for dents and cover glass for movement and cracks. No damage permitted.

(3). Inspect index mark and symbols on face for correct color and easy to read. No damage permitted.

(4). Inspect electrical connector on back of attitude gyro for correct connection and damage. No damage permitted.

B. Attitude Gyro Calibration

(1). Attitude gyro must be calibrated by an approved repair facility.

C. Attitude Gyro Operational Test

(1). On **ELECTRICAL MASTER** panel, set **POWER** switch to **BAT/EXT**.

(2). On **ESSENTIAL BUS** panel, close circuit breaker **DIR GYRO 1**. In approximately three minutes, make sure warning flag does not show.

CAUTION Use care when you pull attitude gyro **PULL FOR QUICK ERECT** knob. Damage to internal mechanism can occur.

(3). Pull out fully on the **PULL FOR QUICK ERECT** knob. Release knob and make sure display erects and stays stable.

(4). On **ESSENTIAL BUS** panel, open circuit breaker **DIR GYRO 1**. Make sure warning flag shows immediately and instrument light is not on.

(5). On **ELECTRICAL MASTER** panel, set **POWER** switch to **OFF**.

3. Navigation Indicator

A. Navigation Indicator Inspection (Area 1)

(Ref. Figure 403)

(1). Inspect navigation indicator case for dents and cover glass for movement and cracks. No damage permitted.

(2). Inspect index mark and symbols on face for correct color and easy to read. No damage permitted.

(3). Inspect electrical connector on back of navigation indicator for correct connection and damage. No damage permitted.

4. Transponder System

A. Transponder System Inspection (Area 1)

(Ref. Figure 404 and Figure 405)

(1). Make sure transponder is correctly installed.

(2). Inspect transponder for broken switches, knobs, or other damage. No damage permitted.

(3). Make sure transponder antenna is correctly installed. Inspect antenna for damage. No damage permitted.

5. GPS System

A. GPS System Inspection (Area 1)

(Ref. Figure 406)

(1). Inspect GPS antenna for damage or incorrect installation. No damage permitted.

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Section

95–30–00

INTEGRATED INSTRUMENT DISPLAY SYSTEM (IIDS)

INTEGRATED INSTRUMENT DISPLAY SYSTEM (IIDS)

DESCRIPTION AND OPERATION

1. Effectivity

The basic MD900 and the MD900 Category A, have been designated the MD900 and MD902 respectively. When information in this manual is applicable to both, there will be no effectivity specified. When information is applicable to the MD900 only, that information will be identified as **"900 CONFIG"**. When information is applicable to the MD900 Category A only, that information will be identified as **"902 CONFIG"**.

2. Integrated Instrument Display Subsystem

The Integrated Instrument Display System (IIDS) is the primary source of aircraft systems performance and caution/warning messages. It is a self–contained unit located in the center of the instrument panel. The IIDS accepts inputs from various aircraft system transducers and provides signal conditioning and conversion to digital signals. The digital signals are provided for presentation on the display panels, to memory for storage and to an output port for access by a data recorder or computer. Limit checking on certain parameters is done to provide caution/warning indications. The IIDS uses a fixed format, color, liquid crystal display (LCD). The IIDS displays aircraft system operating conditions and caution/warning information.

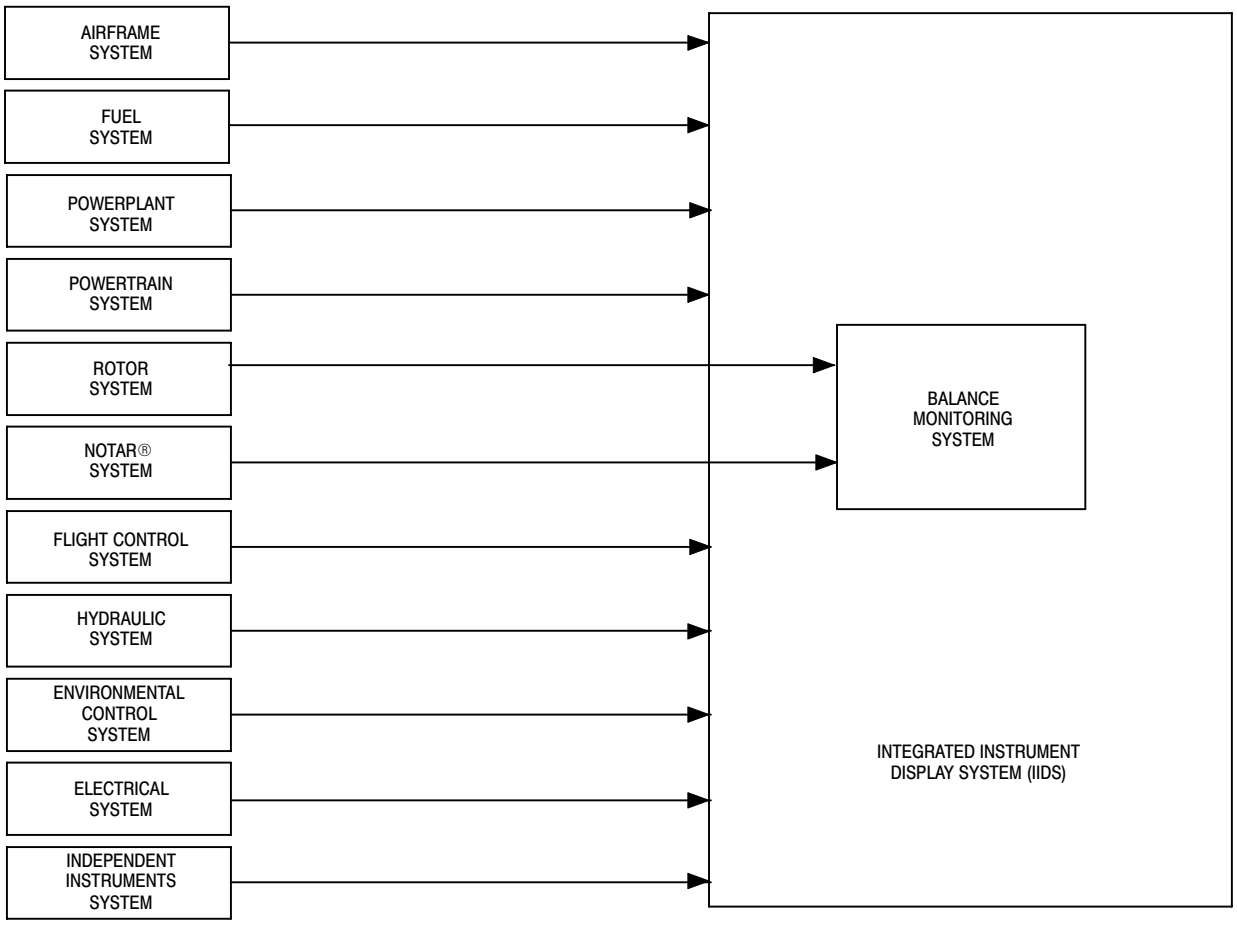

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Figure 1. IIDS System Functional Block Diagram

3. Aircraft On Ground (AOG) Logic In The IIDS

The IIDS uses the following logic to determine an aircraft on–ground/off–ground condition. The IIDS uses this information to enable or disable certain caution/warning, indications and alphanumeric display advisory messages.

Aircraft on–ground if:
1. N_R <= 80%

OR

Aircraft on–ground if:
1. N_R >80%, and
2. CLP <5%, and
3. Torque (either engine) >10%

Otherwise, the aircraft is off–ground. The transition from one condition to the other is not recognized until after the new condition has existed for 5 seconds.

4. IIDS System Monitor

(Ref. Figure 1)

IIDS system monitoring is done by receiving inputs from aircraft systems. Some signals are checked against predetermined parameters. If system operating conditions enter a cautionary or warning condition, IIDS activates caution/warning system. IIDS monitors the following aircraft systems:

- Airframe System
- Fuel System
- Power Plant System
- Power Train System
- Rotor System
- NOTAR® System
- Flight Control System (VSCS)
- Hydraulic System
- Environmental Control System (ECS)
- Electrical System
- Independent Instruments
- Balance Monitoring System (BMS) (Internal IIDS function using rotor and NOTAR® sensor inputs)
- Cargo Hook Weight

A. Fuel System Inputs

(Ref. Figure 2 and Figure 3)

Fuel system inputs are used for fuel quantity and fuel low indications. Fuel valve positions are monitored and indicated on IIDS. IIDS inputs from fuel system are:

- **900 CONFIG** Fuel Quantity – from the forward and aft fuel probes
- **902 CONFIG** Fuel Quantity – from the left and right fuel probes
- **900 CONFIG** Fuel Low – from the thermistor on the aft fuel probe
- **902 CONFIG** Fuel Low – from the thermistors on the left and right fuel probes
- Left and Right Fuel Pressure Low – from the fuel pressure switches
- Left and Right Fuel Shutoff Valve Open/ Closed – from fuel shutoff valve switches
- **900 CONFIG** Fuel Crossfeed Valve Open/ Closed – from fuel shutoff valve switches

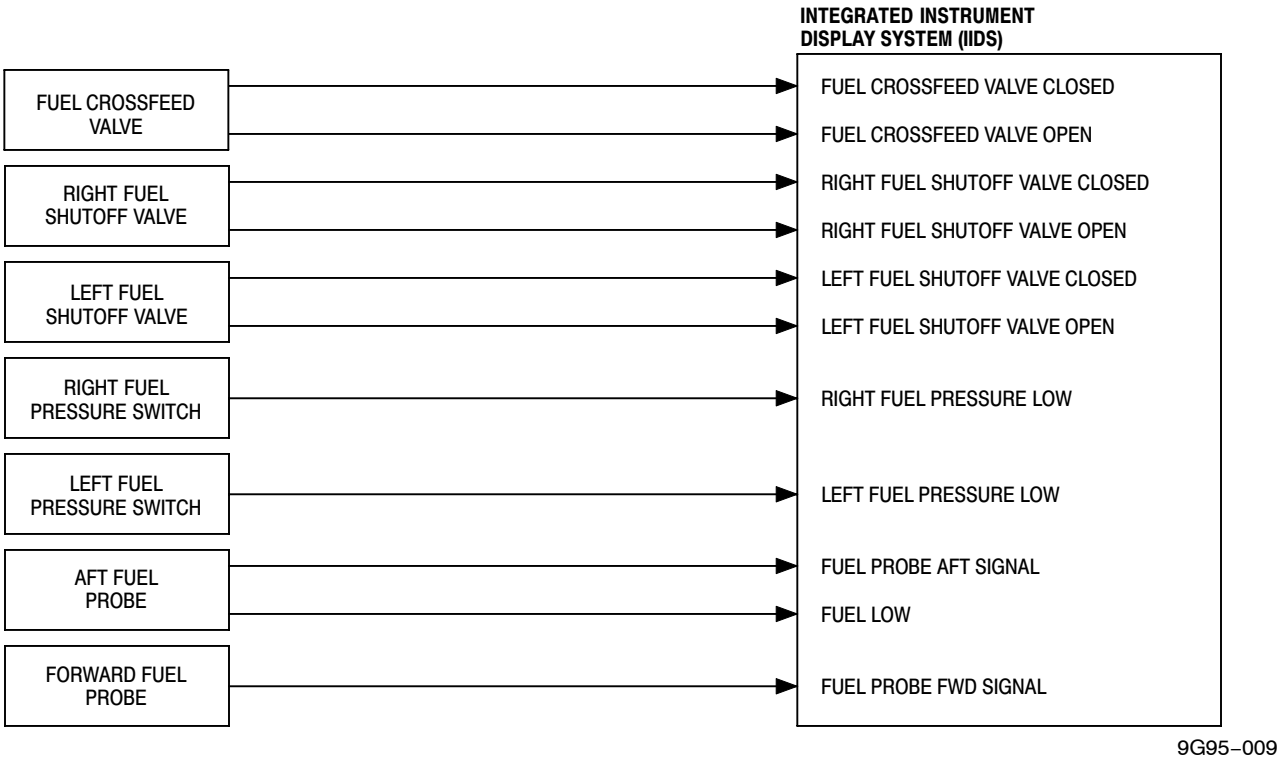


Figure 2. IIDS Function Block Diagram Fuel System Inputs (900 CONFIG)

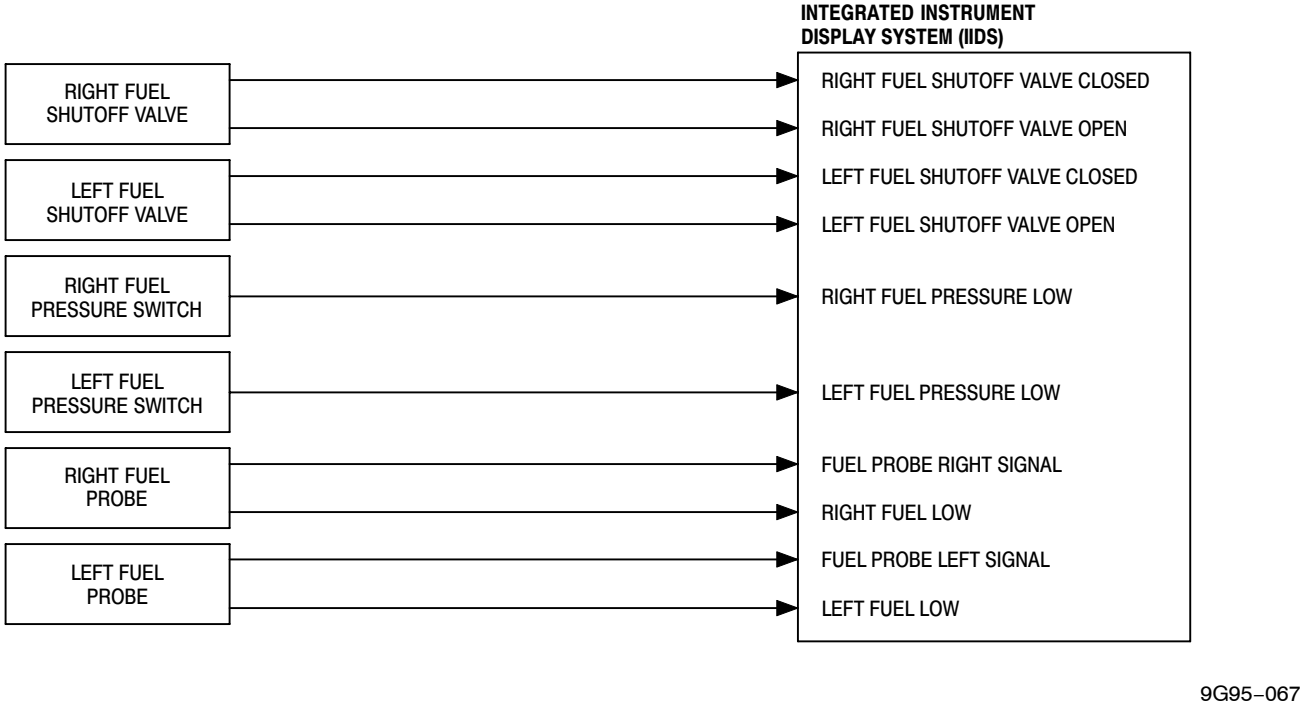


Figure 3. IIDS Function Block Diagram Fuel System Inputs (902 CONFIG)

B. Engine System Inputs

(Ref. Figure 4)

Engine system inputs are used for engine operating conditions, cautions and warnings. IIDS inputs from engine system are:

- Left and right engine oil pressure – from engine oil pressure sensors
- Left and right engine oil temperature – from engine oil temperature sensor
- Left and right engine temperature (T6 minus T1) – from thermocouple
- Left and right engine Np – from engine power turbine sensor
- Left and right engine Ng – from engine gas turbine sensor
- Left and right engine EGT (T6) – from EEC
- Left and right engine torque – from EEC
- Left and right engine inlet air temperature (T1) – from EEC
- Left and right engine chip – from engine chip detector
- Left and right engine fire – from engine fire detector
- Left and right engine fire fault – from engine fire detector
- Left and right engine fuel filter pre–clog – from engine fuel filter switch
- Left and right EEC status/fault – from EEC
- Left and right EEC fail – from EEC
- IPS bypass and bleed air disable – from IPS switch
- **902 CONFIG** Left and Right NACA door position – from NACA door actuator (15 second delay)
- Left and right PLA in auto detent – from throttle combiner
- Fire extinguisher pressure low – from engine fire extinguisher tanks
- RPM speed select – from EEC
- IPS installed – IPS jumper

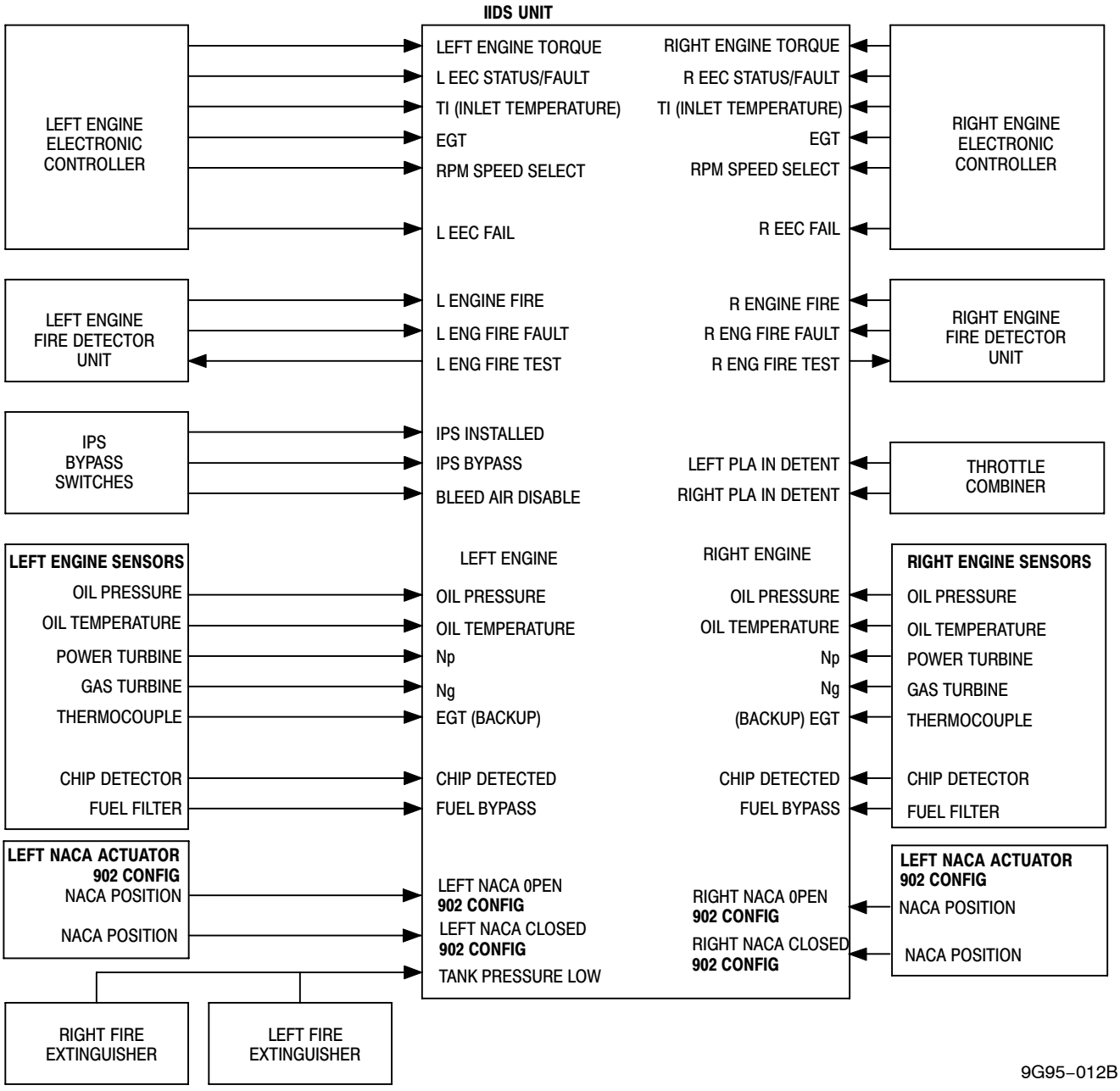


Figure 4. IIDS Function Block Diagram Power Plant System Inputs

C. Powertrain System Sensors

(Ref. Figure 5)

Powertrain system sensors are used to monitor operating conditions of the powertrain. The IIDS inputs from the powertrain are:

- Transmission oil pressure – from transmission oil pressure sensor
- Transmission oil temperature – from transmission oil temperature RTD (resistive thermal device)
- Rotor Speed (Nr) – from magnetic speed sensor on transmission
- Transmission oil pressure low – from transmission oil pressure switch

- Transmission oil temperature high – from transmission oil temperature switch
- Rotor brake sensor 1 – from rotor brake switch
- Rotor brake sensor 2 – from rotor brake switch
- Transmission chip detector – from transmission chip detector
- Rotor brake installed – from rotor brake jumper
- Transmission fire detector – from transmission fire detector unit
- Transmission fire fault – from transmission fire detector unit

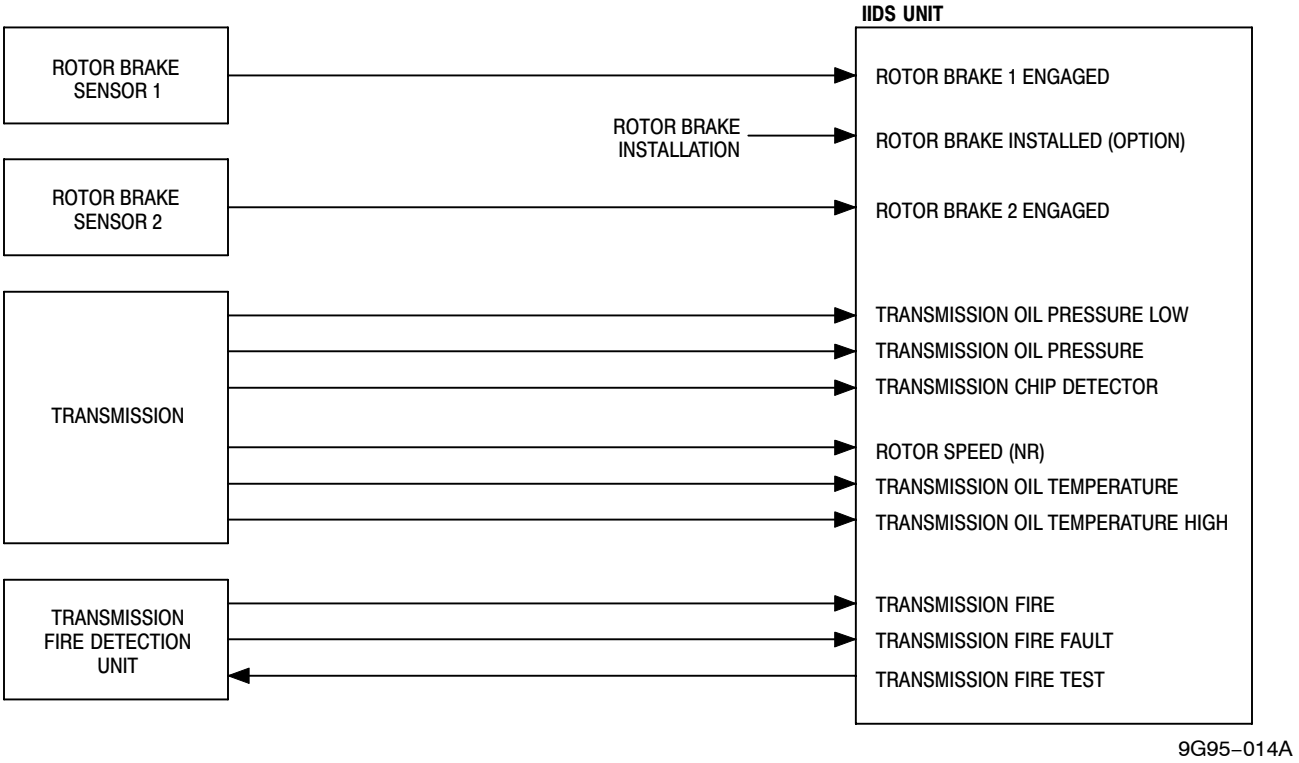


Figure 5. IIDS Function Block Diagram Powertrain System Inputs

D. Rotor System Sensors

(Ref. Figure 6)

Rotor system sensors are used to provide input for the BMS. The IIDS BMS inputs from the rotor are:

- Rotor azimuth reference – from rotor azimuth sensor
- Rotor lateral vibration – from lateral vibration sensor
- Rotor vertical vibration – from vertical vibration sensor

E. NOTAR® System Sensors

(Ref. Figure 6)

NOTAR® system sensors are used to provide input for the BMS. The IIDS BMS inputs from the NOTAR® are:

- NOTAR® azimuth reference – from NOTAR® azimuth sensor
- NOTAR® vibration – from NOTAR® vibration sensor

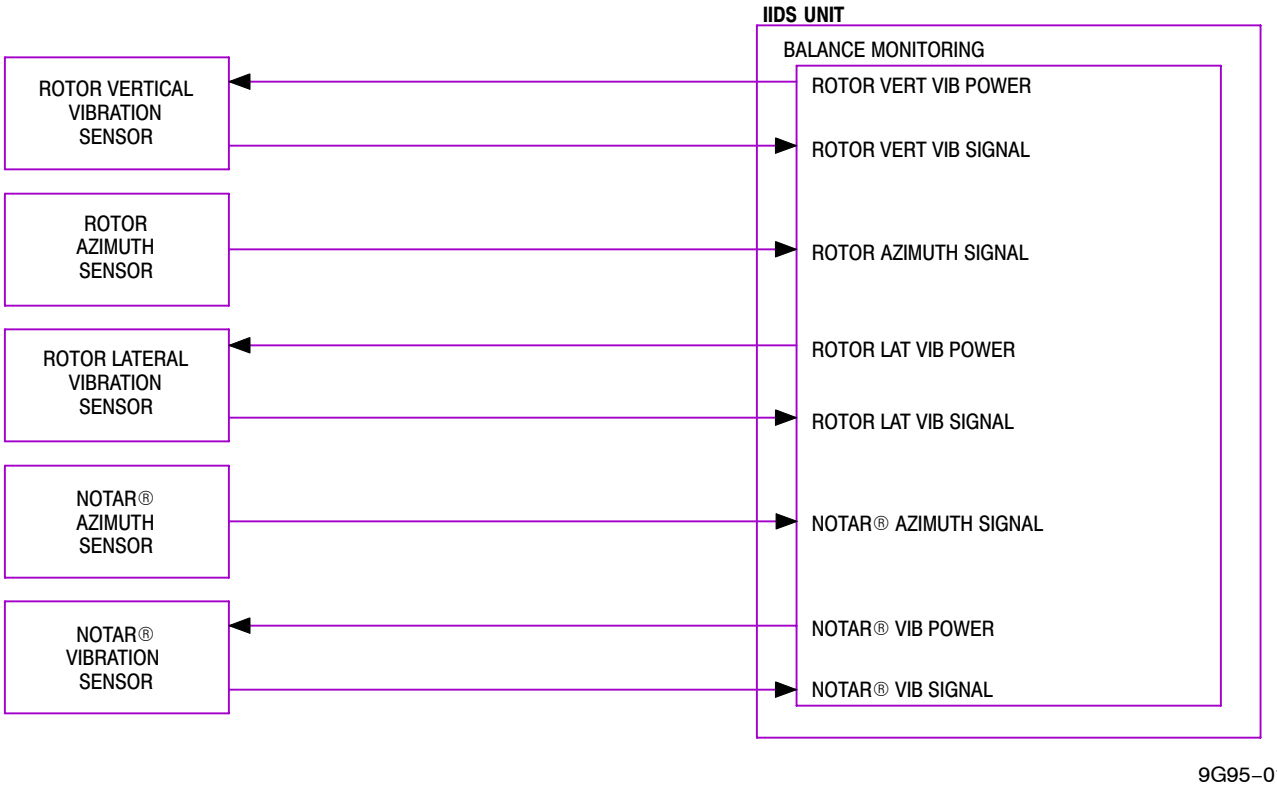


Figure 6. IIDS Function Block Diagram BMS Inputs

F. Flight Controls System Sensors

(Ref. Figure 7)

Flight control system sensors are used to monitor the operation of the vertical stabilizer control system (VSCS). The flight control system inputs to the IIDS are:

- Left and right stabilizer fail – from stabilizer switches
- Collective lever position – from collective lever position sensor.

G. Hydraulic System Sensors

(Ref. Figure 8)

Hydraulic system sensors are used to monitor the operating condition of the hydraulic system. The hydraulic system inputs to the IIDS are:

- Left and right hydraulic pressure – from hydraulic oil pressure sensor
- Left and right hydraulic temperature high – from hydraulic oil temperature switch

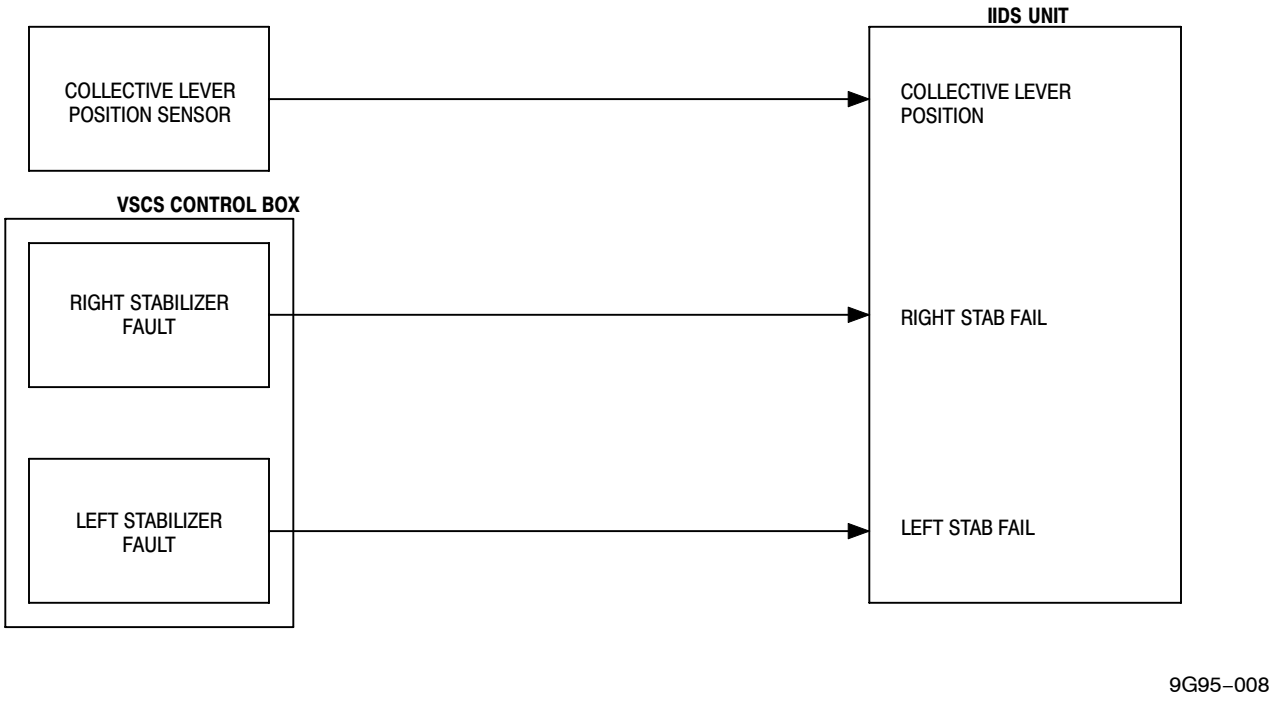


Figure 7. IIDS Function Block Diagram Flight Control System Inputs

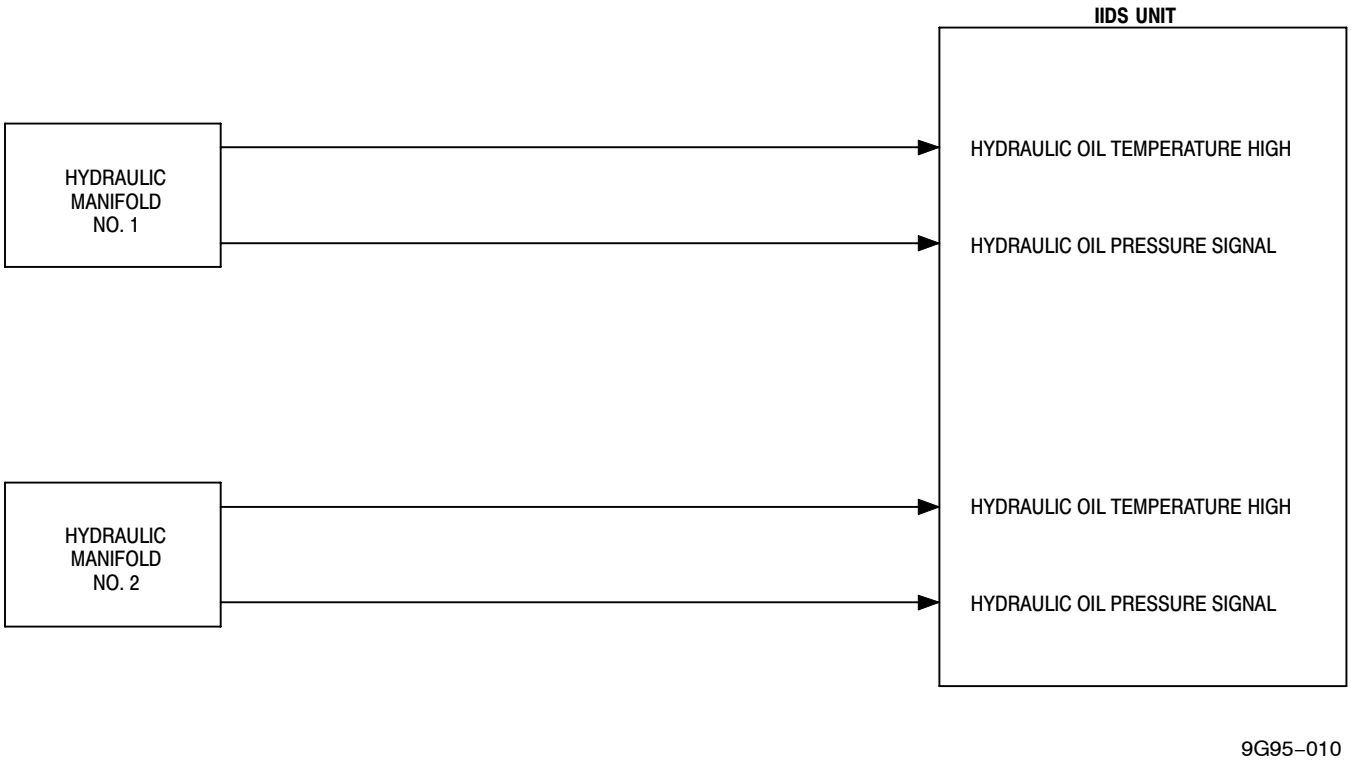


Figure 8. IIDS Function Block Diagram Hydraulic System Inputs

H. Environmental Control System (ECS) Sensors

(Ref. Figure 9)

Environmental control system sensors are used to monitor the operation of the bleed air system used for heat/defog. Air conditioning operation is restricted during single engine condition, and the IIDS monitors this condition. The ECS inputs to the IIDS are:

- Bleed air leak – from bleed air leak detector unit
- Bleed air leak detector fault – from bleed air leak detector unit
- Air condition disable – to the air condition relay
- Heat/Defog installed – from jumper
- Cabin heat disable – to cabin heat solenoid

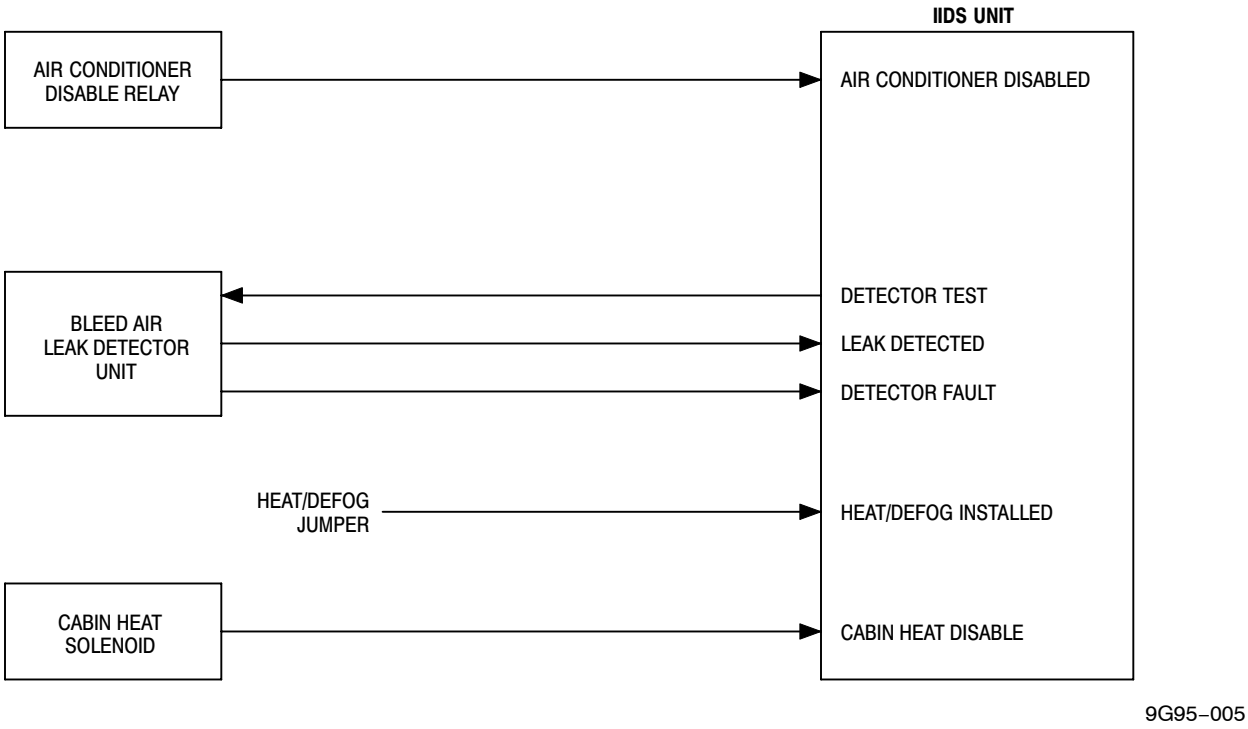


Figure 9. IIDS Function Block Diagram ECS System Inputs

I. Electrical System Sensors

(Ref. Figure 10)

Electrical system sensors are used to monitor the operating condition of the electrical system. The electrical system inputs to the IIDS are:

- Left and right generator load – from left and right generator shunt
- Bus voltage – from battery bus voltage
- Left and right generator out – from left and right GLC
- Battery warm – from battery warm switch (>135 degrees F)
- Battery hot – from battery hot switch (>160 degrees F)
- Dimmer control – from lighting control potentiometer
- Cabin door – from left and right cabin door switch
- Baggage door – from baggage door switch
- Light day/night select – from light master switch

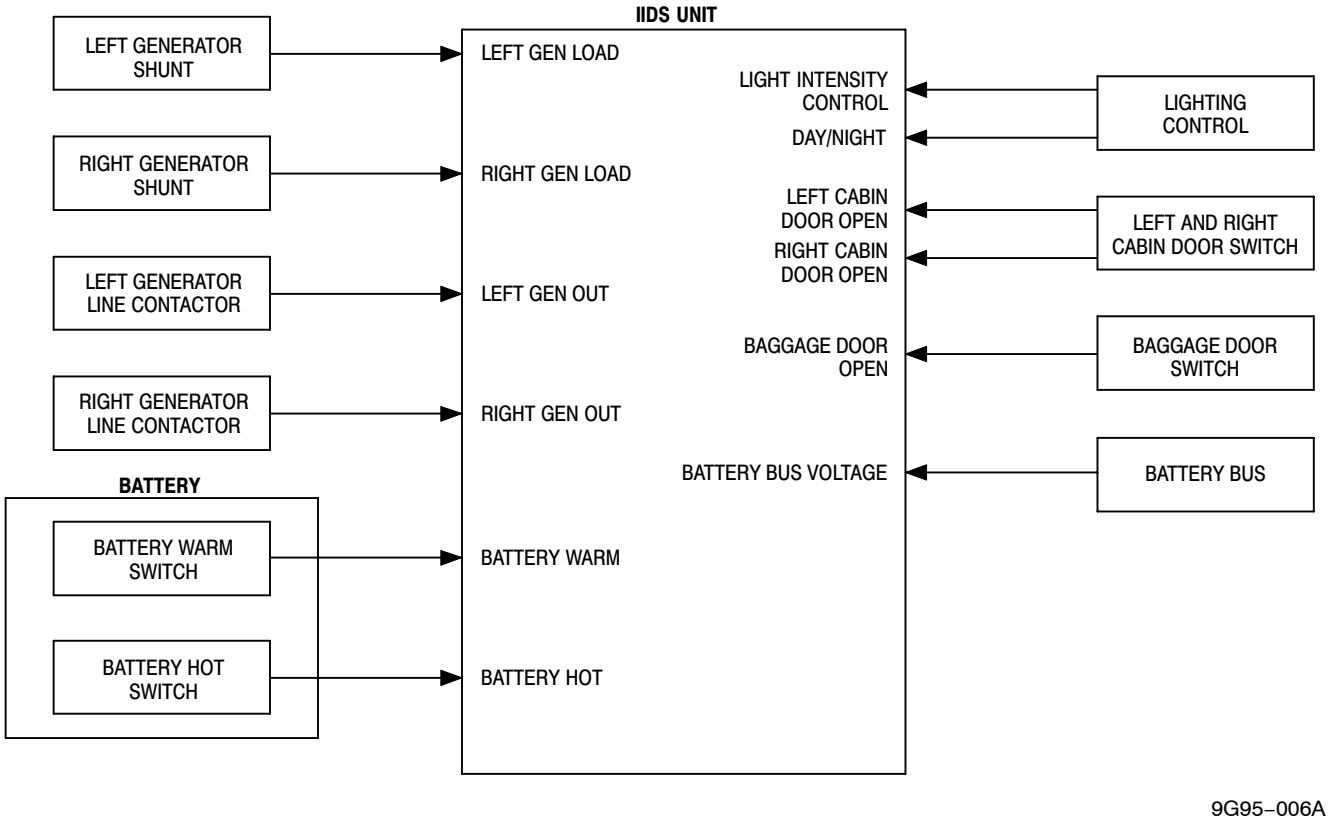


Figure 10. IIDS Function Block Diagram Electrical System Inputs

J. Instrument System Sensors

(Ref. Figure 11)

Instrument system sensors provide operating condition information to the IIDS. The instrument system inputs to the IIDS are:

- Outside air temperature (OAT) – from OAT sensor
- Airspeed threshold switch – from airspeed indicator
- Pressure altitude – from encoding altimeter

K. Optional Sensor Inputs

(Ref. Figure 12)

Optional sensors are used to monitor information for the operator. The ancillary to the IIDS are:

- Weight on cargo hook – from cargo hook weight sensor
- Cargo hook open – from cargo hook switch

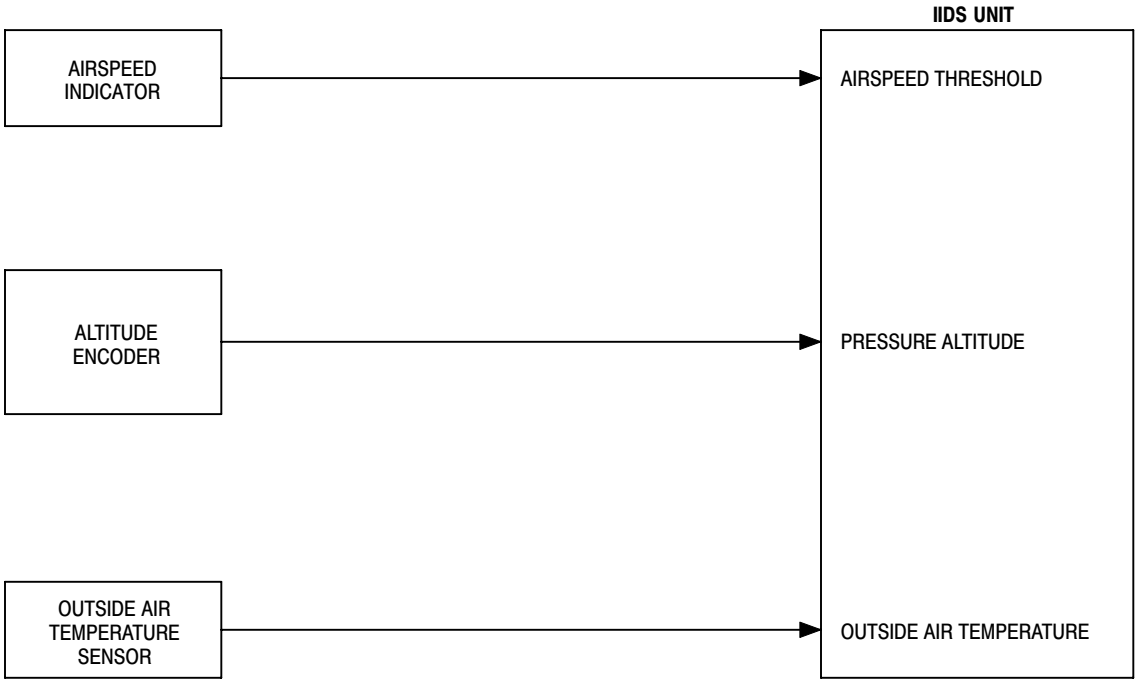


Figure 11. IIDS Function Block Diagram Instrument System Inputs

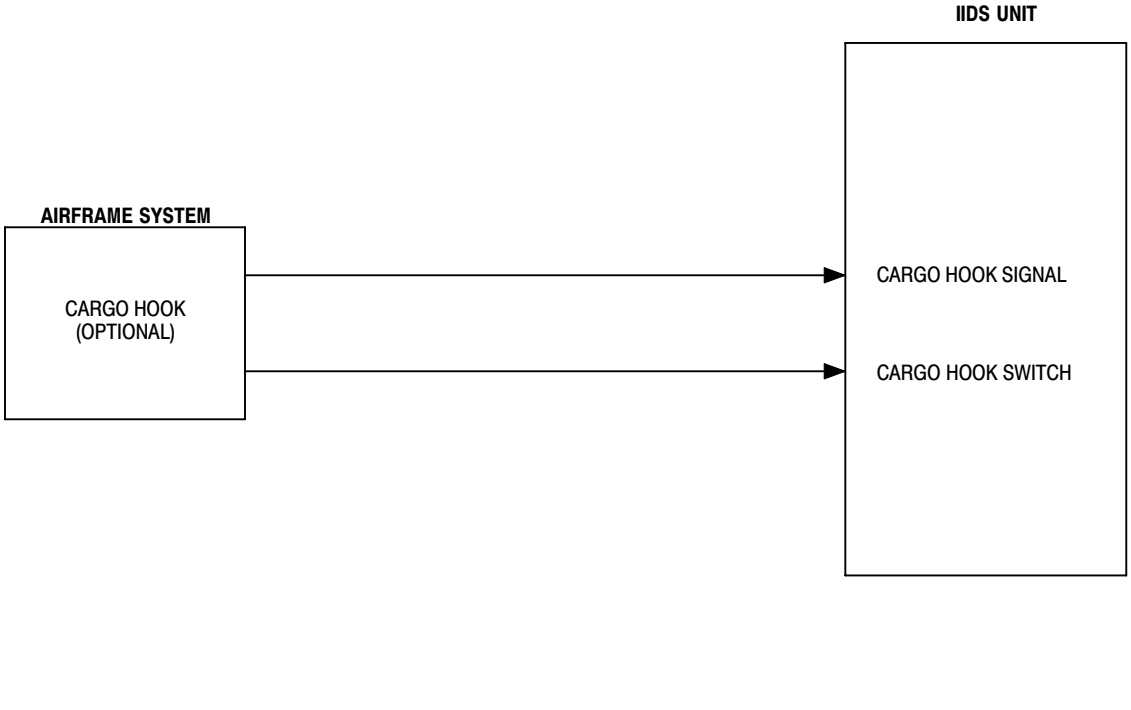


Figure 12. IIDS Function Block Diagram Optional System Inputs

5. Integrated Instrument Display System Operation

A. Display Unit

The IIDS display panels are mounted on the front of the IIDS. It uses color liquid crystal display (LCD) to present information. Warning conditions are displayed in red. Caution conditions are displayed in yellow. Normal operating conditions are displayed in green. The display is sunlight readable and has adequate back–lighting to be readable under day and night conditions. The display back–lighting is controlled by a switch/potentiometer on the master lighting panel. Mounted on the right side of the front bezel are seven control keys. The control keys allow operator access to stored data via the alphanumeric lines. Mounted below the control keys is an output jack. The jack is used when transferring data between IIDS and an external computer.

B. Displays

(Ref. Figure 13)

The IIDS display is divided into two displays. The Primary display is on the right and the secondary display is on the left.

The Primary display consists of vertical bar displays, and corresponding digital displays, for primary engine parameters. The primary engine performance displays are Np, Nr, Torque, and EGT.

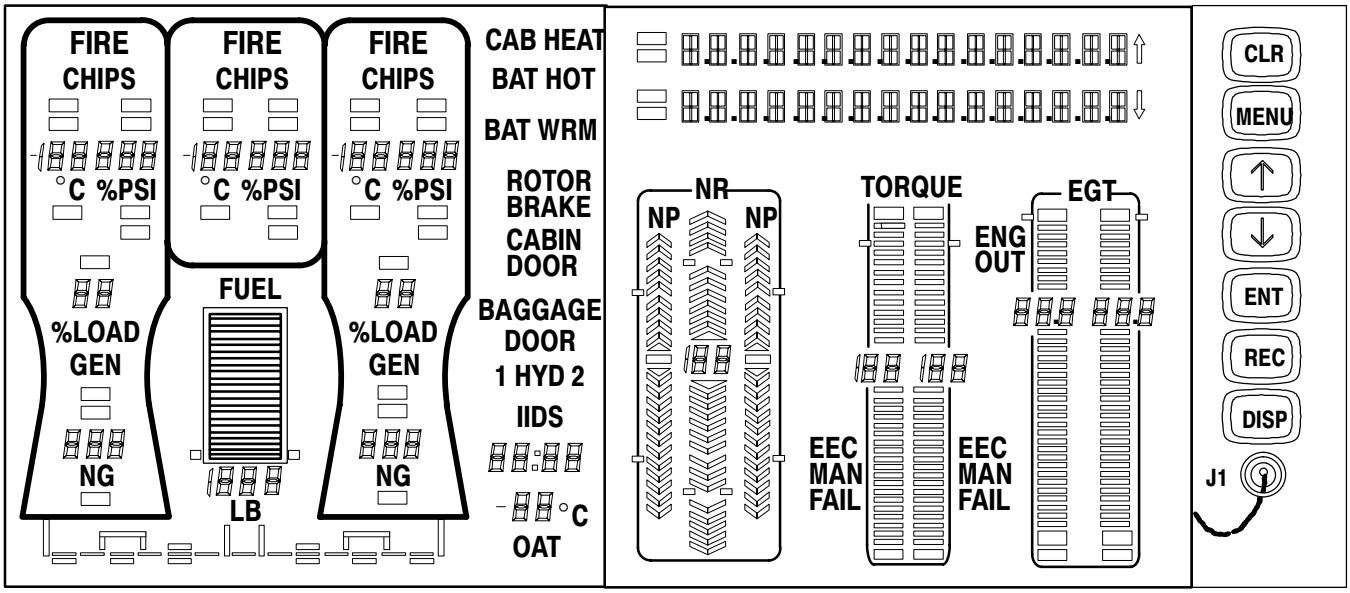
The secondary display consists of secondary engine performance conditions, transmission performance conditions and fuel system operating conditions. The secondary engine performance conditions and the transmission performance conditions are presented as digital displays. The fuel quantity is presented as a vertical bar graph and corresponding digital display. Fuel system operating conditions are displayed on a horizontal bar display below the quantity display. Outside Air Temperature (OAT), Time of Day (TOD) clock and caution/warning annunciators are also displayed on the secondary display. OAT and TOD are both digital displays.

Secondary displays can be presented two ways: continuous mode or display by exception mode. In continuous mode, all information is continuously displayed. In display by exception mode the digit and label indications are blanked out. Information is displayed only when approaching an exceedance limit. When performance is within 10% of an exceedance, the digits and label for that indication will flash. If an exceedance range is entered, the display will illuminate the appropriate caution/warning indication. When in a normal operating range the indications will be blanked out. The primary display also has a two line by sixteen character alphanumeric display.

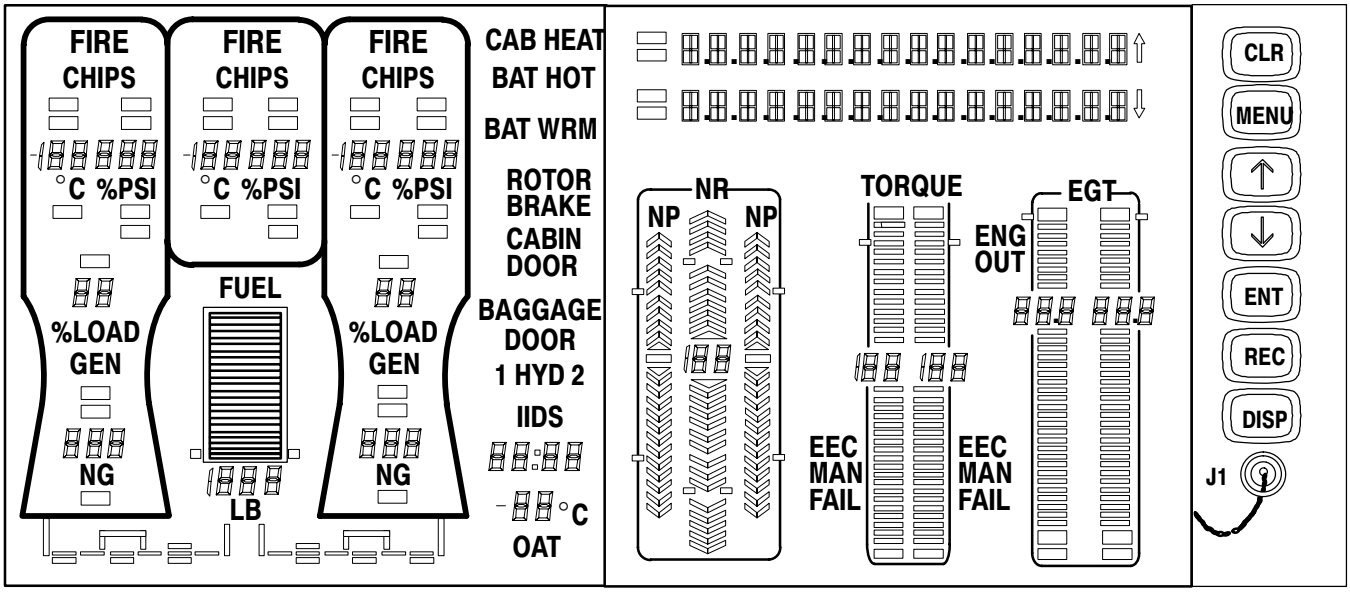
Warning and caution annunciators illuminate on both the primary and secondary displays. Warning annunciations are illuminated in red and, caution annunciations are illuminated in yellow.

The IIDS generates aural “Low Rotor RPM” and “Warning” tones.

The “Low Rotor RPM” tone repetitively sweeps from 700 Hz to 1700 Hz and remains active until the condition is cleared. The “Warning” tone consists of two tones, alternating between 800 Hz and 1500 Hz, and remains active for two cycles.



900 CONFIG



902 CONFIG

9G95–016A

Figure 13. Integrated Instrument Display System (IIDS)

Primary LCD panel (right) warning indications are displayed in red. They are:

- EEC Fail, left and right
- ENG OUT (engine out)

Secondary LCD panel (left) warning indications are displayed in red. They are:

- Engine FIRE, left and right
- Engine oil temperature high, left and right
- Engine oil pressure high, left and right
- Engine oil pressure low, left and right
- Ng high, left and right
- Ng low, left and right
- Transmission area FIRE
- Transmission oil temperature high
- Transmission oil pressure high
- Transmission oil pressure low
- Fuel quantity low
- CAB HEAT (heat/defog leak)
- BAT HOT (battery hot)

Primary LCD panel (right) caution indications are displayed in yellow. They are:

- EEC minor fault, left and right
- EEC MAN (manual) mode, left and right

Secondary LCD panel (left) caution indications are displayed in yellow. They are:

- Engine CHIP, left and right
- Engine oil temp high, left and right
- Engine oil temp low, left and right
- Engine oil pressure high, left and right
- Engine oil pressure low, left and right
- Generator load high, left and right
- Generator (GEN) out, left and right
- Ng high, left and right
- Transmission CHIP
- Transmission oil temp high
- Transmission oil temp low
- Transmission oil pressure high
- Transmission oil pressure low
- Fuel pressure low, left and right
- Fuel filter pre–clog, left and right
- BAT WRM (battery warm)
- ROTOR BRAKE
- CABIN DOOR ajar
- BAGGAGE DOOR ajar
- 1 HYD 2 (Hydraulic system 1/2 fail)
- IIDS fault

C. Data Storage

Selected information that is monitored by the IIDS for display is also stored by the IIDS. Information is stored in non–volatile memory and is available by selecting various menu functions through the front panel keys. The information is also available using a ground based maintenance computer (GBMC). The operating data is stored in one of five data records. The data records are:

- Data Log
- Exceedance Log
- Fault Log
- Trend Log
- Cumulative Log

The data log provides one and a half (1.5) minutes of data collection. The data is recorded in a continuous memory buffer loop and will be continuously overwritten unless an exceedance event occurs, or the crew requests a record of an event. This record provides a “window in time” (45 seconds prior to 45 seconds after) to examine events around an exceedance or other requested event. The data log can store five of these events. The information stored in the data log consists of:

- Gas Generator Speed, Ng, %, left/right
- Power Turbine Speed, Np, %, left/right

- Rotor Speed, Nr, %
- Torque Local, Q1, %, left/right
- Exhaust Gas Temp, EGT, Deg C, left/right
- Collective Posn, CLP, %
- Engine Oil Temp, EOT, Deg C, left/right
- Engine Oil Press, EOP, PSI, left/right
- Transmission Oil Temp, XOT, Deg C
- Transmission Oil Press, XOP, PSI
- Generator Load, %, left/right
- Battery Bus Voltage
- Hydraulic Oil Press, HOP, PSI
- Aircraft Discrete Input Data
- Outside Air Temp, OAT, Deg C
- Pressure Altitude, PO, feet

The exceedance log provides a “snapshot” record of the parameter data at a particular moment in time. This type of record occurs whenever a parameter exceedance is detected. Storage is available for up to 100 exceedance logs. The information stored in an exceedance log consists of:

- Exceedance Log Number
- Exceedance Parameter Type
- Aircraft Serial No
- Engine Left S/N
- Date
- Time
- Peak Value
- Time to Peak
- Time above 88.4%
- Time to 100%
- Time above 100%
- Time to 102.57%
- Time above 102.57%
- Time to 113.97%
- Time above 113.97%
- Data Log File Number

The fault log contains data associated with fault data from the EECs and failures that were detected by IIDS, BMS, or aircraft transducers/sensors. This log is recorded whenever an IIDS or EEC fault is detected. Storage is available for 100 fault logs. Fault log data consists of:

- Fault Log Number
- Aircraft Serial No
- Engine Left S/N
- Engine right S/N
- Date
- Time
- IIDS Fault Words – IIDSFALT1 IIDSFALT2
- Aircraft fault word – ACFTFALT
- Sensor fault word – SENSFALT
- BMS fault Word – BMSFALT
- Left EEC fault words – DSCWD1, NCFAL1, NCFAL2, NCFAL3, CFAIL
- Right EEC fault words – DSCWD1, NCFAL1, NCFAL2, NCFAL3, CFAIL

A trend log is generated by a power assurance check request. A trend log is a “snapshot” record of specific aircraft data under given operational conditions. When aircraft has reached specific operational conditions, data is taken for one minute, averaged over 15 seconds, and placed in a trend log. Trend logs provide information for ground based trending, engine performance analysis and vibration spectrums. Storage is available for 100 trend logs. A trend log consists of:

- Trend log number
- Time
- Date (MMDDYY)
- Engine (left or right)
- Engine serial number
- Engine TSO/TSN
- Np – (Power turbine speed)

- T1 – (Inlet Temperature)
- Q1 – (Torque local)
- Ng – (Gas generator speed)
- EGT – (Exhaust Gas Temperature)
- EOP – (Engine Oil Pressure)
- EOT – (Engine oil temperature)
- Nr – (Rotor Speed)
- XOP – (Transmission Oil Pressure)
- XOT – (Transmission Oil Temperature)
- HOP – (Hydraulic Oil Pressure)
- PO – (Pressure Altitude in feet)
- OAT – (Outside Air Temperature)
- Ng performance margin
- EGT performance margin
- Ng correction from initial calibration (K3)
- EGT correction from initial calibration(K6)

The cumulative log contains data associated with the aircraft configuration and operational analysis. The cumulative log consists of:

- Date
- Time
- Aircraft number
- Number of flights
- Total flight time
- Last flight time
- Xmsn chip burn cnts
- Engine left: Serial no (Engine right data is identical)
- Gear box module: Serial no, Accum SSO, Accum FSO, Accum TSO, Accum TSN
- Power Module:Serial no, Accum SSO, Accum FSO, Accum TSO, Accum TSN
- OEI Excruns #
- Tot time 2.5 OEI (min)
- 104% Excruns (#)
- Tot time 104% (min)
- Serial No.
- Total cycles accum'd
- Cycles Last flt
- Total hours accum'd
- Impeller, Centrfg
- Disk Comp Turb
- Disk Power Turb

D. Control Keys

There are seven control keys located on the right side of the IIDS front panel. One key is used to control the display presentation. The other keys are used to review previously recorded data and to enter data. The control keys are:

- Clear (**CLR**)
- **MENU**
- Up Arrow (↑)
- Down Arrow (↓)
- Enter (**ENT**)
- Record (**REC**)
- Display (**DISP**)

The clear (**CLR**) key is used to blank the alphanumeric display, and exit all menu functions.

The **MENU** key is used to access the next higher level of the menu structure or to enter the top level menu from display blanked. The **MENU** key is also used to return to the "action" menu with edit fields not updated.

The up arrow (↑) is used to scroll between menu or submenu names and between data and message items. Holding the key for more than 2 seconds initiates automatic scrolling at a rate of one item per second. Automatic scrolling stops when the key is released. When scrolling reaches the end of a menu list, the display rolls around to the first item.

The down arrow (↓) works the same as the up arrow (↑), but in the opposite direction.

The enter (**ENT**) key is used to enter a menu or submenu after it has been selected. The **ENT** key is also used to enter an action field within a menu. An action field is indicated by a blinking digit. The **ENT** key is used to enter or edit data and to advance to the next edit digit with the action field.

The record (**REC**) key is used to initiate a crew requested Data Log entry. When the key is pressed and held in for 7 to 10 seconds, the parameter data is entered into the data log. Data entered is from 45 seconds prior to 45 seconds after key activation. The message "RECORDING DATA" is displayed on the alphanumeric display.

The display mode key (**DISP**) is used to select the display mode. When the key is depressed and then released, the display is switched between continuous mode and exception mode. In continuous mode, all the parameters on the left and right panels are activated. In display by exception mode, display of engine, transmission and electrical data (left LCD panel) is turned off. In display exception mode, backlighting for the controls keys is turned off. When **DISP** key is depressed longer than 3 seconds, the display goes into Commanded BIT mode and self–test is performed activating all LCD segments.

E. Menus

The IIDS provides a multi–level menu structure that can be accessed by using the control keys. The data is displayed on the two line alphanumeric display. The top level menus available for viewing/editing are:

- Elapsed Time
- Time Summary
- Power Check
- Balance Monitor
- Aircraft Monitor
- Collective Position
- Pressure Altitude/Density Altitude
- Fuel Calibration
- Set Time/Date
- Cargo Hook Weight

F. Data Output

(Ref. Figure 13)

Data output can be accomplished through the IIDS front panel using the alphanumeric display and through J1 using a ground computer. If a ground computer is used, it must have an RS–232 data bus interface.

6. Maintenance Functions

Aircraft Systems Condition Monitoring (ASCM) and Balance Monitoring System (BMS) functions essential to the continued airworthiness of the ship can be performed manually or by the IIDS. The use of the IIDS to perform ASCM and BMS functions is not essential to aircraft operation. This allows the aircraft to be dispatched when these functions are not operating. Until the malfunction is repaired, the essential ASCM and BMS functions will be performed manually per procedures listed in the Rotorcraft and Engine Maintenance Manuals. Exceedance reporting, component life assessments, and vibration alerts shall be entered into the Aircraft Log Book and then reported to insure any necessary maintenance is performed. The following are the essential functions which can be performed either manually or by the IIDS:

- Engine parameter exceedance reporting
- Engine power assurance checks
- Component life usage assessment (helicopter hours)
- Transmission parameter exceedance reporting
- Rotor parameter exceedance reporting
- Rotor/NOTAR® vibration alerts
- Engine and Aircraft Log Book entries

A. Aircraft Systems Condition Monitoring (ASCM)

(Ref. Figure 4)

The ASCM function within the IIDS provides for input signal conditioning, computations, data storage, and communication with ground based computer systems for maintenance trend monitoring. Information is monitored and stored in memory and is available by selecting various modes in the display. These

modes are only be available for interrogation during a maintenance operation.

There are five types of data records maintained by the ASCM:

- Data Log
- Exceedance Log
- Fault Log
- Trend Log,
- Cumulative Log

The content of these records can be downloaded to a ground based computer through a RS–232C interface. A subset of these records can be displayed on the alphanumeric display on the IIDS.

Initialization of the IIDS is required for the ASCM to function properly, but it is not required for aircraft operation. The IIDS can perform its systems monitoring and display functions without being initialized. This allows for IIDS replacement and aircraft dispatchability in remote locations. The IIDS can be initialized at a later date when a ground based computer becomes available.

B. Balance Monitoring System (BMS)

(Ref. Figure 6)

IIDS balance monitoring subsystem (BMS) provides input signal conditioning, computations, data storage and communication with ground based computer systems for main rotor and NOTAR® fan balance monitoring. BMS provides a means of acquiring information needed to minimize cabin vibration.

BMS data assists in detection of failures in the main rotor system. Trends in BMS data can help to detect a progressive failure. An increase in vibration level may be detectable by the BMS before it is apparent to the pilot. Warning of an abnormal condition can be provided by at least three indications; BMS vibration trends, normal periodic inspections and unusual vibration at the pilot's station.

BMS can automatically determine adjustments that should be made to the main rotor and NOTAR® fan blades. All necessary data is acquired during flight. The BMS makes the computations, stores the results in non–volatile memory and displays results on command through IIDS alphanumeric display.

The balance function is selected on IIDS with the **MENU** key. The IIDS instructs the pilot to fly to specific flight profiles and activates a measurement using the **REC** key when stabilized in that profile. Three flights or ground runs are normally required to provide enough data to do a rotor or NOTAR® fan balance. Vibration data and flight profile information are used by the BMS to generate corrective actions to lower vibration levels. The required correction is displayed on the IIDS A/N display.

Data is collected from rotor and NOTAR® fan vibration sensors, and stored in BMS memory. There are seven types of data records maintained by the BMS. All data records are time and date stamped. These are:

- Alert log
- Spectrum log
- BMS fault log
- Main Rotor balance log
- NOTAR® balance log
- Version Log
- Setup Log

The alert log contains alert messages for vibration levels that have been exceeded.

The spectrum log contains two types of data: Spectra (random) recorded by pressing the REC key on the IIDS front panel and a reduced set of frequencies (trend) recorded by a power assurance check request.

The BMS fault log contains failure messages/codes from the BMS.

The main rotor balance log contains the main rotor configuration, balance measurements, adjustments and options.

The NOTAR® balance log contains the NOTAR® fan configuration, balance measurements and adjustments.

The version log contains BMS hardware and software configurations.

The setup log Contains the rotor and NOTAR® balance parameters, spectrum parameters and monitor parameters.

Data for the logs is obtained through rotor and NOTAR® sensors. These sensors are:

- Rotor Vertical Vibration Sensor
- Rotor Lateral Vibration Sensor
- Rotor Azimuth Sensor
- NOTAR® Fan Azimuth Sensor
- NOTAR® Fan Vibration Sensor

Rotor vertical vibration sensor is mounted on the left input bearing housing case. It provides rotor vertical vibration inputs to the IIDS for the BMS.

Rotor Lateral Vibration Sensor is mounted in front of the mast support assembly at the bottom. It provides rotor lateral vibration inputs to the IIDS for BMS.

The rotor azimuth sensor is mounted below the swashplate. It provides the rotor azimuth input to the IIDS for BMS.

The NOTAR® fan azimuth sensor is mounted on the fan support frame. It provides the NOTAR® azimuth input to the IIDS for BMS.

The NOTAR® fan vibration sensor is mounted on fan support frame. It provides NOTAR® azimuth input to IIDS for BMS.

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INTEGRATED INSTRUMENT DISPLAY SYSTEM (IIDS)

FAULT ISOLATION

1. IIDS System Troubleshooting

The following troubleshooting procedures are a brief summary of IIDS system faults which may be encountered.

2. IIDS Fault Codes and Recording

NOTE: MD900 Fault Words: The ***NCFAL and CFAIL*** words are applicable to the **900 CONFIG** only, The ***NCFUR and CFUR*** fault words are applicable to the **902 CONFIG** only.

This section describes the methods and procedures for recording failures displayed on the Integrated Instrument Display System (IIDS).

All fault words displayed on the IIDS that may require pilot and/or maintenance actions are provided.

3. Aircraft On Ground (AOG) Logic In The IIDS

The IIDS uses the following logic to determine an aircraft on–ground/off–ground condition.

The IIDS uses this information to enable or disable certain caution/warning, indications and alphanumeric display advisory messages.

Aircraft on–ground if:

1. N_R <= 80%

OR

Aircraft on–ground if:

1. N_R >80%, and
2. CLP <5%, and
3. Torque (either engine) >10%

Otherwise, the aircraft is off–ground. The transition from one condition to the other is not recognized until after the new condition has existed for 5 seconds.

4. IIDS Fault Reporting Log Sheets

Exceedance log sheet and Cumulative log sheet samples are provided as examples of how faults displayed on the IIDS should be recorded. These forms provide spaces for recording the necessary information to accurately document the faults.

Table 101. IIDS Fault Words and Required Actions (DSCWD1, Status Discrete Word, EEC to IIDS Serial Bus)

Fault	Probable Cause	Corrective Action	Ref. Section
DSCWD1=1 Through DSCWS1=16	Status information only.	Used by PWC in ground based maintenance software. No maintainer action required.	N/A

Table 102. IIDS Fault Words and Required Actions (NCFAL1, Non Critical Failure Word 1, EEC to IIDS Serial Bus)

Fault	Probable Cause	Corrective Action	Ref. Section
MD900 Fault Words: The ***NCFAIL*** words are applicable to the **900 CONFIG** only.			
NCFAL1=1	CLP Resolver Drift	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFAL1=2	Trim Drift 1 Failure (Q Gain and Bias Trims)	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFAL1=3	CLP Resolver Gain Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00

Table 102. IIDS Fault Words and Required Actions (NCFAL1, Non Critical Failure Word 1, EEC to IIDS Serial Bus) (Cont.)

Fault	Probable Cause	Corrective Action	Ref. Section
NCFAL1=4	EGT Trim Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFAL1=5	CLP Sine Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFAL1=6	T6 Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFAL1=7	CLP Cosine Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFAL1=8	Ambient Pressure Drift Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFAL1=9	Stepper Motor Coil Summation Voltage Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFAL1=10	Ambient Pressure Failure (PAMB)	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFAL1=11	Not Used		
NCFAL1=12	RTD Drift Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFAL1=13	Torque Gain Trim Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFAL1=14	TQ Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFAL1=15	Torque Bias Trim Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFAL1=16	T1 Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00

Table 102. IIDS Fault Words and Required Actions (NCFAL1, Non Critical Failure Word 1, EEC to IIDS Serial Bus)

Fault	Probable Cause	Corrective Action	Ref. Section
MD900 Fault Words: The ***NCFUR*** fault words are applicable to the **902 CONFIG** only.			
NCFUR1=1	Resolver Drift Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFUR1=2	Anti–torque Pedal E1 Fault	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFUR1=3	Resolver Gain Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFUR1=4	DCU Fault	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFUR1=5	CLP Sine Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFUR1=6	T6 Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFUR1=7	CLP Cosine Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFUR1=8	Pressure Drift Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFUR1=9	Q/MGT Matching Selection Fault	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFUR1=10	Ambient Pressure Failure (PAMB)	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFUR1=11	Not Used		
NCFUR1=12	RTD Drift Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFUR1=13	Anti–torque Pedal E2 Fault	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFUR1=14	Q Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00

Table 102. IIDS Fault Words and Required Actions (NCFAL1, Non Critical Failure Word 1, EEC to IIDS Serial Bus) (Cont.)

Fault	Probable Cause	Corrective Action	Ref. Section
NCFUR1=15	NF Trim Discrete Fault	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFUR1=16	T1 Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00

Table 103. IIDS Fault Words and Required Actions (NCFAL2, Non Critical Failure Word 2, EEC to IIDS Serial Bus)

Fault	Probable Cause	Corrective Action	Ref. Section
MD900 Fault Words: The ***NCFAIL*** words are applicable to the **900 CONFIG** only.			
NCFAL2=1	Cockpit UART Interface Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFAL2=2	CLP Calculation Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFAL2=3	Rotor Speed (Nr) Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFAL2=4	Wrap–Around Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFAL2=5	Alternator/Airframe Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFAL2=6	NGA Speed Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFAL2=7	NGB Speed Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFAL2=8	ARINC Wrap–Around Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFAL2=9	ARINC Output Transmission Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFAL2=10	ARINC Input Reception Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00

Table 103. IIDS Fault Words and Required Actions (NCFAL2, Non Critical Failure Word 2, EEC to IIDS Serial Bus) (Cont.)

Fault	Probable Cause	Corrective Action	Ref. Section
NCFAL2=11	NF/Q A Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFAL2=12	NF/Q B Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFAL2=13	Trim Gain 1 Failure (Q Gain and Bias Trims)	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFAL2=14	Discrete Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFAL2=15	Not Used		
NCFAL2=16	Trim Drift 2 Failure (EGT Trim)	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
MD900 Fault Words: The ***NCFUR*** fault words are applicable to the **902 CONFIG** only.			
NCFUR2=1	Cockpit UART Interface Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFUR2=2	CLP Calculation Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFUR2=3	Rotor Speed (Nr) Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFUR2=4	Engine Limit Selection Fault	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFUR2=5	Alternator/Airframe Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFUR2=6	Spare		
NCFUR2=7	LCF Counting Disabled	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFUR2=8	ARINC Wrap–Around Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00

Table 103. IIDS Fault Words and Required Actions (NCFAL2, Non Critical Failure Word 2, EEC to IIDS Serial Bus) (Cont.)

Fault	Probable Cause	Corrective Action	Ref. Section
NCFUR2=9	ARINC Output Transmission Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFUR2=10	ARINC Input Reception Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFUR2=11	NF/Q A Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFUR2=12	NF/Q B Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFUR2=13	Non–critical LSS Overcurrent Fault	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFUR2=14	PMS Discrete Fault	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFUR2=15	Anti–torque Pedal Fault	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFUR2=16	Non–critical Configuration Fault	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00

Table 104. IIDS Fault Words and Required Actions (NCFAL3, Non Critical Failure Word 3, EEC to IIDS Serial Bus)

Fault	Probable Cause	Corrective Action	Ref. Section
MD900 Fault Words: The ***NCFAIL*** words are applicable to the **900 CONFIG** only.			
NCFAL3=1	Trim Gain 2 Failure (EGT Trim)	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFAL3=2	FMU Feedback	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFAL3=3 Through NCFAL=16	Spare		
MD900 Fault Words: The ***NCFUR*** fault words are applicable to the **902 CONFIG** only.			
NCFUR3=1	Overspeed W/A Fault	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00

Table 104. IIDS Fault Words and Required Actions (NCFAL3, Non Critical Failure Word 3, EEC to IIDS Serial Bus) (Cont.)

Fault	Probable Cause	Corrective Action	Ref. Section
NCFUR3=2	FMU Feedback Tracking	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFUR3=3	CLP Crosscheck Fault	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFUR3=4	PAMB Crosscheck Fault	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFUR3=5	T1 Crosscheck Fault	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFUR3=6	EEC Fail W/A Fault	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFUR3=7	Pedal Crosscheck Fault	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFUR3=8	Ignition W/A Fault	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
NCFUR3=9 Thru 16	Spare		

Table 105. IIDS Fault Words and Required Actions (CFAIL, Critical Failure Word 1, EEC to IIDS Serial Bus)

Fault	Probable Cause	Corrective Action	Ref. Section
MD900 Fault Words: The ***CFAIL*** words are applicable to the **900 CONFIG** only.			
CFAIL=1	NPT Channels ‘A’ + ‘B’ Fault	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
CFAIL=2	Ng Channels ‘A’ + ‘B’ Fault	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
CFAIL=3	Analog to Digital Test Fault	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
CFAIL=4	Stepper Motor Overcurrent Fault	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
CFAIL=5	Stepper Motor Open Coil Fault	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00

Table 105. IIDS Fault Words and Required Actions (CFAIL, Critical Failure Word 1, EEC to IIDS Serial Bus) (Cont.)

Fault	Probable Cause	Corrective Action	Ref. Section
CFAIL=6	Stepper Motor LVDT 1 Winding Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
CFAIL=7	Stepper Motor LVDT 2 Winding Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
CFAIL=8	Stepper Motor LVDT Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
CFAIL=9 through CFAIL=16	Spare		
MD900 Fault Words: The ***CFUR*** fault words are applicable to the **902 CONFIG** only.			
CFUR1=1	NF/Q Both Channels Failed	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
CFUR1=2	Ng Failed	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
CFUR1=3	A/D Failed or Discrete MUX Fault	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
CFUR1=4	Stepper Motor Overcurrent	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
CFUR1=5	Stepper Motor Open Coil Fault	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
CFUR1=6	FMV LVDT 1 Winding Fault	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
CFUR1=7	FMV LVDT 2 Winding Fault	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
CFUR1=8	FMV Motor LVDT Failure	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
CFUR1=9	Critical T6 Fault (during power up and/or engine shutdown)	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
CFUR1=10	Critical Configuration Fault (during power up)	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00

Table 105. IIDS Fault Words and Required Actions (CFAIL, Critical Failure Word 1, EEC to IIDS Serial Bus) (Cont.)

Fault	Probable Cause	Corrective Action	Ref. Section
CFUR1=11	Engine Trim Data Fault (DCU and EEPROM Fault during power–up)	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
CFUR1=12	DCU Critical Fault	Refer to Power Plant Controls for more detailed troubleshooting procedures.	76–00–00
CFUR1=13 Thru 16	Spare		

Table 106. IIDS Fault Words and Required Actions (IIDS Fault Word 1, IIDSFALT1)

Fault	Probable Cause	Corrective Action	Ref. Section
IIDSFALT1=1	Shared RAM Failure	Replace IIDS	95–30–00
IIDSFALT1=2	System RAM Failure (Optional Processor)	Replace IIDS	95–30–00
IIDSFALT1=3	Operational Proc Fail (EPROM, register, interrupt controller, or EEPROM)	Replace IIDS	95–30–00
IIDSFALT1=4	UART A Failure – Left EEC	Replace IIDS	95–30–00
IIDSFALT1=5	UART B Failure – Right EEC	Replace IIDS	95–30–00
IIDSFALT1=6	LCD Driver Failure	Replace IIDS	95–30–00
IIDSFALT1=7	Power Supply 1 Failure (heater control, temperature range, or filament)	Replace IIDS	95–30–00
IIDSFALT1=8	Power Supply 2 Failure (heater control, temperature range, or filament)	Replace IIDS	95–30–00
IIDSFALT1=9	Power Supply Heater Gate Failure	Replace IIDS	95–30–00
IIDSFALT1=10	Power Supply Gate 1 Failure	Replace IIDS	95–30–00
IIDSFALT1=11	Power Supply Gate 2 Failure	Replace IIDS	95–30–00
IIDSFALT1=12	Gate Array Failure	Replace IIDS	95–30–00
IIDSFALT1=13	Low RPM Tone Failure	Replace IIDS	95–30–00
IIDSFALT1=14	Warning Tone Failure	Replace IIDS	95–30–00
IIDSFALT1=15 &16	Spare		

Table 107. IIDS Fault Words and Required Actions (IIDS Fault Word 2, IIDSFALT2)

Fault	Probable Cause	Corrective Action	Ref. Section
IIDSFALT2=1	EEPROM Failure	Replace IIDS	95–30–00
IIDSFALT2=2	Real Time Clock Failure	Replace IIDS	95–30–00
IIDSFALT2=3	Real Time Clock Battery Failure	Replace IIDS	95–30–00
IIDSFALT2=4	GBS RS–232 Port Failure	Replace IIDS	95–30–00
IIDSFALT2=5	BMS RS–232 Port Failure	Replace IIDS	95–30–00
IIDSFALT2=6	Maintenance Processor Failure	Replace IIDS	95–30–00
IIDSFALT2=7	System RAM Failure (Maintenance Processor)	Replace IIDS	95–30–00
IIDSFALT2=8	Spare		
IIDSFALT2=9	Primary Filament Failure	Replace IIDS light panel	95–30–00
IIDSFALT2=10	Secondary Filament Failure	Replace IIDS light panel	95–30–00
IIDSFALT2=11 Through 16	Spare		

Table 108. IIDS Fault Words and Required Actions (Sensor Fault Word, SENSFALT)

Fault	Probable Cause	Corrective Action	Ref. Section
SENSFALT=1	Spare		
SENSFALT=2	Spare		
SENSFALT=3	Pressure Altitude Failure	Refer to Instrument for more detailed troubleshooting procedures.	95–10–00
SENSFALT=4	Fuel Probe Forward Failure	Refer to Fuel System for more detailed troubleshooting procedures.	28–00–00
SENSFALT=5	Fuel Probe Aft Failure	Refer to Fuel System for more detailed troubleshooting procedures.	28–00–00
SENSFALT=6	Left Torque Sensor Failure (TEC only)	N/A – Model 901 only.	
SENSFALT=7	Right Torque Sensor Failure (TEC only)	N/A – Model 901 only.	
SENSFALT=8	Volt 2 Bit 1 Failure	Replace IIDS	95–30–00
SENSFALT=9	Spare		
SENSFALT=10	Millivolt 25 Bit 2 Failure	Replace IIDS	95–30–00

Table 108. IIDS Fault Words and Required Actions (Sensor Fault Word, SENSFALT) (Cont.)

Fault	Probable Cause	Corrective Action	Ref. Section
SENSFALT=11	Spare		
SENSFALT=12	Discreet Input Failure (Input registers, fire detectors, or bleed air)	Refer to Fire Protection for more detailed troubleshooting procedures.	26–10–00
SENSFALT=13	Spare		
SENSFALT=14	Spare		
SENSFALT=15	Helicopter does not have a cargo hook and shorting plug is not installed or has incorrect resistance.	Make sure shorting plug resistance is 346–354 ohms and installed correctly (Ref. Cargo Hook Excitation Test).	95–30–00
	Sensor Excitation Failure	Do the Sensor Excitation Test, replace faulty sensor.	95–30–00
	IIDS Defective	Do the Sensor Excitation Test, replace defective IIDS.	95–30–00
	Defective Wiring	Do the Sensor Excitation Test, repair/replace defective wiring.	95–30–00
SENSFALT=16	Spare		

Table 109. IIDS Fault Words and Required Actions (Aircraft Fault Word, ACFTFALT)

Fault	Probable Cause	Corrective Action	Ref. Section
ACFTFALT=1	Transmission Fire Detect Fault	Refer to Fire Protection for more detailed troubleshooting procedures.	26–10–20
ACFTFALT=2	Left Engine Fire Detect Fault	Refer to Fire Protection for more detailed troubleshooting procedures.	26–10–20
ACFTFALT=3	Right Engine Fire Detect Fault	Refer to Fire Protection for more detailed troubleshooting procedures.	26–10–20
ACFTFALT=4	Bleed Air Leak Detect Fault	Refer to Fire Protection for more detailed troubleshooting procedures.	26–10–10
ACFTFALT=5	Spare		
ACFTFALT=6	Spare		
ACFTFALT=7	Transmission Chip Burn Count Over Limit	Refer to Transmission And Drive System for more detailed troubleshooting procedures.	63–00–00

Table 109. IIDS Fault Words and Required Actions (Aircraft Fault Word, ACFTFALT) (Cont.)

Fault	Probable Cause	Corrective Action	Ref. Section
ACFTFALT=8	IIDS power failure detection	IIDS may not have correctly logged engine component cycles. Update IIDS cumulative usage log with corrected cycle counts.	95–30–00
ACFTFALT=9	Trend Margin Alert (Turbomeca only)	Indicates Power Assurance margins are reaching limits. Perform power assurance check per RFM to determine maintenance actions required.	Reference RFM
ACFTFALT=10	Spare		
ACFTFALT=11	Torque or EGT Trim Mismatch (Number entered in IIDS setup log does not match actual trim values of EEC)	Ref. P&WC MGT Sensors and Trim Units – Maintenance Practices (Ref. Related Manufacturers' Publications)	01–00–00
ACFTFALT=12	Fire Extinguisher Pressure Low	Refer to Fire Protection for more detailed troubleshooting procedures.	26–20–20
ACFTFALT=13	Left Engine Chip Detector Open	Refer to Engine Oil for more detailed troubleshooting procedures.	79–00–00
ACFTFALT=14	Right Engine Chip Detector Open	Refer to Engine Oil for more detailed troubleshooting procedures.	79–00–00
ACFTFALT=15	Transmission Chip Detector Open	Refer to Transmission And Drive System for more detailed troubleshooting procedures.	63–00–00
ACFTFALT=16	Spare		

Table 110. IIDS Fault Words and Required Actions (Balance Monitor Fault Word, BMSFALT)

Fault	Probable Cause	Corrective Action	Ref. Section
BMSOK	There are no BMS faults in the BMS fault log.	None	N/A
BMSFALT=1	BMS database 80% full	Download and save BMS data then clear data base	95–30–00
BMSFALT=2	BMS battery low or dead	Replace BMS battery	95–30–00
BMSFALT=2 4	IIDS control keys are pushed too quickly	Push IIDS control keys more slowly	95–30–00
BMSFALT=3	BMS H/W out of calibration	Replace IIDS	95–30–00

Table 110. IIDS Fault Words and Required Actions (Balance Monitor Fault Word, BMSFALT) (Cont.)

Fault	Probable Cause	Corrective Action	Ref. Section
BMSFALT=4	BMS Rail Voltage is Incorrect	Do the BMS Rail Voltage Test	95–30–00
	Velocimeter or Magnetic Pick–Up failed	Check BMS FAULT LOG message:	95–30–00
		”VELO FAIL, CHANNEL=1” is MR lat.	63–20–00
		”VELO FAIL, CHANNEL=2” is MR vert.	63–20–00
		”VELO FAIL, CHANNEL=3” is NOTAR®	64–30–00
		”MAG PU FAIL, CHANNEL=1” is MR	62–30–00
		”MAG PU FAIL, CHANNEL” is NOTAR	64–30–00
BMSFALT=5	Functional failure	Replace IIDS	95–30–00
BMSFALT=6 Through 15	Spare		
BMSFALT=16	Fatal BMS failure	Replace IIDS	95–30–00

5. Exceedance Log Recording

Sample forms for reporting exceedance events are provided and may be locally reproduced.

A. Exceedance Log Reporting Forms

(Ref. Figure 101)

(1). Perform Exceedance Log Menu procedure (Ref Figure 605) to access cumulative usage data.

(2). Scroll through the log and record information on Exceedance Log Form.

6. Fault Log Reporting

Sample forms for reporting IIDS reported faults are provided and may be locally reproduced.

A. Fault Log Reporting Forms

(Ref. Figure 102)

(1). Perform Fault Log Menu procedure (Ref Figure 605) to access fault log data.

(2). Scroll through the log and record information on Fault Reporting Log Form.

NOTE: Each fault word recorded in the IIDS fault log represents up to 16 different possible failures. A number from 1 to 16 is used to identify each specific fault. When recording the word, use the exact notation displayed on IIDS alphanumeric display (Example: ACFTFALT=1 4 6).

7. Cumulative Log Recording

Sample forms for recording cumulative usage data are provided and may be locally reproduced.

A. Cumulative Log Reporting Forms

(Ref. Figure 102)

(1). Perform Engine Time Menu procedure (Ref Figure 605) to access cumulative usage data.

(2). Scroll through the log and record information on Cumulative Log Form.

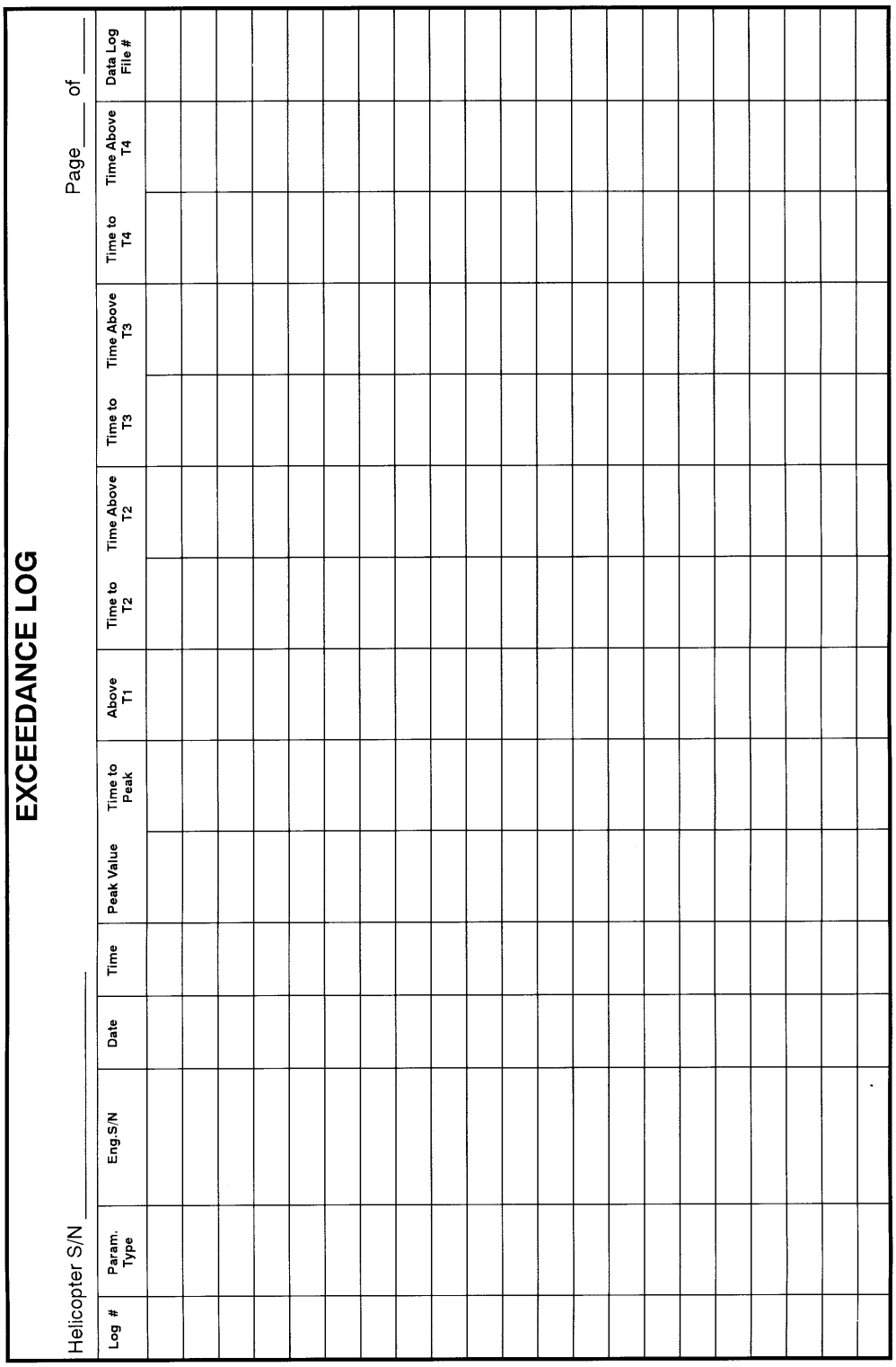

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Figure 101. Exceedance Log Sample Form

CUMULATIVE LOG

Helicopter S/N _____ Page____ of _____

AIRCRAFT DATA	Date:		Time:	
Number Flights				
Total Hours				
Hours Last Flight				
Xmsn Chip Burn Count				
LEFT ENGINE	**SSO**	**FSO**	**TSO**	**TSN**
Gearbox Module SN:				
Power Module SN:				
2.5 Minute OEI Excursion				
Total Time 2.5 Minute OEI				
104% Excursions				
Total Time 104%				
	Serial Number	Total Cycles	Cycles Last Flight	Total Hrs.
Impeller, Centrifugal				
Disk, Comp. Turbine				
Disk, Power Turbine				
RIGHT ENGINE	**SSO**	**FSO**	**TSO**	**TSN**
Gearbox Module SN:				
Power Module SN:				
2.5 Minute OEI Excursion				
Total Time 2.5 Minute OEI				
104% Excursions				
Total Time 104%				
	Serial Number	Total Cycles	Cycles Last Flight	Total Hrs.
Impeller, Centrifugal				
Disk, Comp. Turbine				
Disk, Power Turbine				

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Figure 102. Cumulative Log Sample Form

FAULT REPORTING LOG

Aircraft Serial No. _____ Page ___ of ___

Fault Log #	Date	Time	Right Eng. Serial No.	Left Eng. Serial No.	Left EEC	Right EEC	IIDSFALT=
					NCFAL1=	NCFAL1=	ACFTFALT=
					NCFAL2=	NCFAL2=	SENSFALT=
					CFAIL=	CFAIL=	BMSFALT=
Fault Log #	Date	Time	Right Eng. Serial No.	Left Eng. Serial No.	Left EEC	Right EEC	IIDSFALT=
					NCFAL1=	NCFAL1=	ACFTFALT=
					NCFAL2=	NCFAL2=	SENSFALT=
					CFAIL=	CFAIL=	BMSFALT=
Fault Log #	Date	Time	Right Eng. Serial No.	Left Eng. Serial No.	Left EEC	Right EEC	IIDSFALT=
					NCFAL1=	NCFAL1=	ACFTFALT=
					NCFAL2=	NCFAL2=	SENSFALT=
					CFAIL=	CFAIL=	BMSFALT=
Fault Log #	Date	Time	Right Eng. Serial No.	Left Eng. Serial No.	Left EEC	Right EEC	IIDSFALT=
					NCFAL1=	NCFAL1=	ACFTFALT=
					NCFAL2=	NCFAL2=	SENSFALT=
					CFAIL=	CFAIL=	BMSFALT=
Fault Log #	Date	Time	Right Eng. Serial No.	Left Eng. Serial No.	Left EEC	Right EEC	IIDSFALT=
					NCFAL1=	NCFAL1=	ACFTFALT=
					NCFAL2=	NCFAL2=	SENSFALT=
					CFAIL=	CFAIL=	BMSFALT=
Fault Log #	Date	Time	Right Eng. Serial No.	Left Eng. Serial No.	Left EEC	Right EEC	IIDSFALT=
					NCFAL1=	NCFAL1=	ACFTFALT=
					NCFAL2=	NCFAL2=	SENSFALT=
					CFAIL=	CFAIL=	BMSFALT=
Fault Log #	Date	Time	Right Eng. Serial No.	Left Eng. Serial No.	Left EEC	Right EEC	IIDSFALT=
					NCFAL1=	NCFAL1=	ACFTFALT=
					NCFAL2=	NCFAL2=	SENSFALT=
					CFAIL=	CFAIL=	BMSFALT=

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Figure 103. Fault Reporting Log Sample Form

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INTEGRATED INSTRUMENT DISPLAY SYSTEM (IIDS) REMOVAL/INSTALLATION

1. Integrated Instrument Display System (IIDS)

A. IIDS Software Compatibility

(Ref. Table 401 and Table 402)

CAUTION When replacing the IIDS, ensure the new IIDS is compatible with the installed Electronic Engine Control Unit (EEC), Ground Based Maintenance Computer (GBMC) and Pratt&Whitney (PW) engine.

Table 401. IIDS Software Compatibility (Prior to Service Bulletin 900–081 Incorporation)

ENGINE / IIDS	EEC	GBMC
PW206A ENGINE		
900A3720002–105 & –107	3116655–04	900G9720002 or
	3116655–06	900G9720006 –101 (CD)
900A3720002–111	3116655–08	
	3116655–12	
	3116655–14	
PW206E ENGINE		
900A3720002–109	3043845–01	900G9720003 or
	3043845–02	900G9720007 –101 (CD)
PW207E ENGINE		
900A3720002–113	3053929–01	900G9720005 or
	3055498–01	900G9720008 –101 (CD)

Table 402. IIDS Software Compatibility (Service Bulletin 900–081 Incorporated)

ENGINE / IIDS	EEC	GBMC
900A3720002–115 & –117	3116655–08	900G9720002 or
	3116655–12	
	3116655–14	900G9720006 –101 (CD)
PW206E ENGINE		
900A3720002–119	3043845–02	900G9720003 or
		900G9720007 –101 (CD)
PW207E ENGINE		
900A3720002–121	3053929–01	900G9720005 or
	3055498–01	900G9720008 –101 (CD)

Table 403 reflects the EARLY and CURRENT IIDS part number.

Table 403. IIDS Part Numbers

Prior to SB900–081	SB900–081 Incorporated
900A3720002–105 & –107	900A3720002–115
900A3720002–111	900A3720002–117
900A3720002–109	900A3720002–119
900A3720002–113	900A3720002–121

B. Integrated Instrument Display System (IIDS) Initialization

CAUTION IIDS must be initialized for the aircraft it is installed in. If IIDS maintenance assistance functions are to be used, a complete IIDS initialization must be performed (Ref. IIDS Complete Initialization). If IIDS maintenance assistance functions are not required, perform a basic initialization (Ref. Basic IIDS Initialization).

C. Integrated Instrument Display System (IIDS) Removal

(Ref. Figure 401)

(1). If IIDS is to be replaced, download IIDS data prior to removal (Reference GBMC users guide).

Power Off

(2). Verify all power is removed from helicopter (Ref. Section 96–00–00).

(3). Remove screws (1) and washers (2) holding Integrated IIDS (3) in instrument panel.

(4). Slide IIDS out of instrument panel until connectors on back are accessible.

(5). Detach connectors **P102** from **J2**, **P103** from **J3**, **P104** from **J4**, **P105** from **J5** and **P107** from **J7** on IIDS. Detach connector **P106** from **J6** (if installed).

(6). Remove IIDS.

D. Integrated Instrument Display System Installation

(Ref. Figure 401)

NOTE: If a new or different IIDS is being installed, Fuel Calibration Codes must be entered into the installed IIDS (Ref IIDS Initialization).

Power Off

(1). Verify all power is removed from helicopter (Ref. Section 96–00–00).

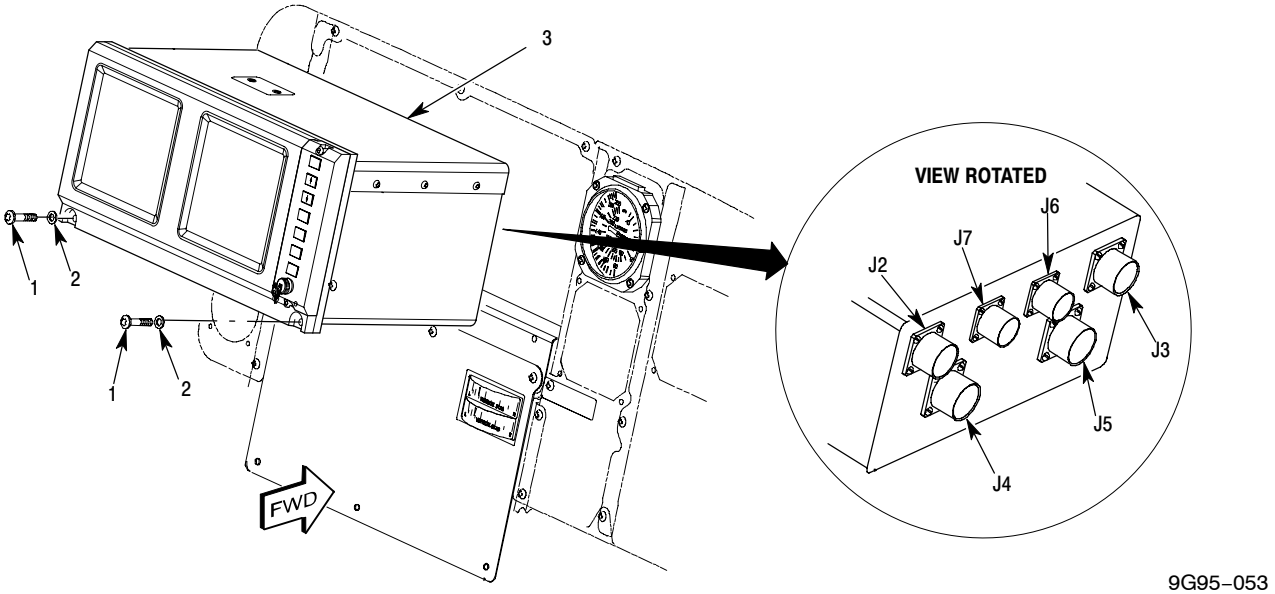
(2). Attach connectors **P102** to **J2**, **P103** to **J3**, **P104** to **J4**, **P105** to **J5** to **P107** to **J7** on IIDS. Attach connector **P106** to **J6** (if installed).

(3). Slide IIDS (3) in instrument panel until it is flush.

(4). Install screws (1) and washers (2). Torque screws (1).

(5). Restore power to helicopter (Ref. Section 96–00–00).

(6). If IIDS has been replaced, upload IIDS data (Reference GBMC users guide).



1. SCREW
2. WASHER
3. IIDS

Figure 401. Integrated Instrument Display System (IIDS)

2. IIDS Key Panel Assembly

A. IIDS Key Panel Assembly Removal

(Ref. Figure 402)

Power Off

CAUTION Take care to avoid twisting motion that may damage connector pins on back of key panel assembly.

(1). Verify all power is removed from helicopter (Ref. Section 96–00–00).

(2). Using a **3/32 hex** key, remove screws (1) securing key panel assembly (2) to IIDS chassis.

(3). Gently pull key panel assembly (2) straight out from IIDS chassis.

B. IIDS Key Panel Assembly Installation

(Ref. Figure 402)

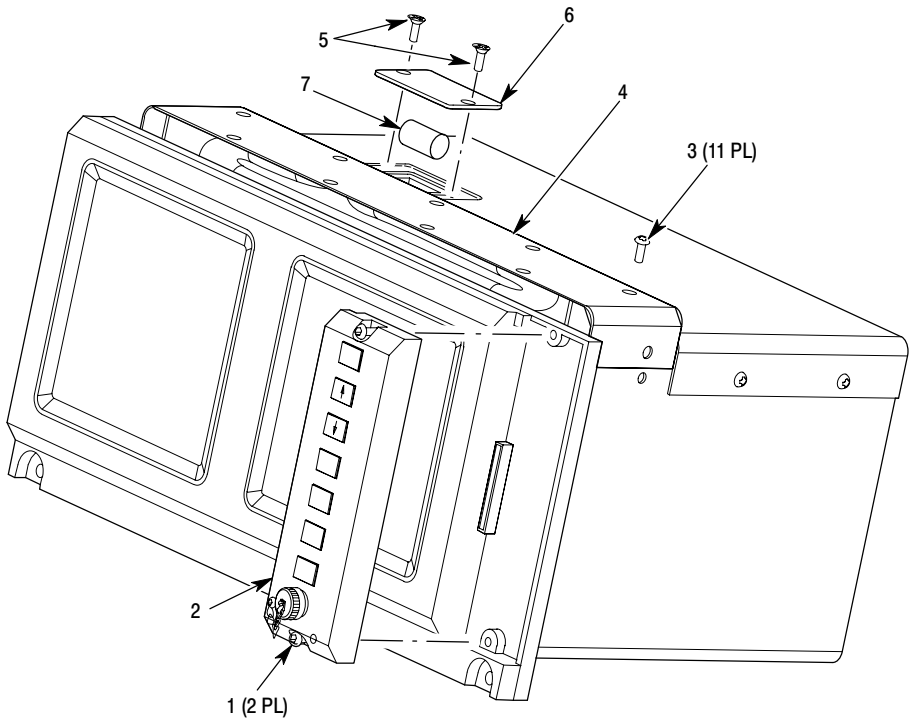
Power Off

CAUTION Take care to avoid twisting motion that may damage connector pins on back of key panel assembly.

(1). Verify all power is removed from helicopter (Ref. Section 96–00–00).

(2). Install the key panel assembly (2) in the IIDS chassis

(3). Using a 3/32 hex key, install screws (1) securing key panel assembly (2). Torque screws (1).



9G95–051

1. SCREW
2. KEY PANEL ASSEMBLY
3. SCREW
4. LAMP BOX MODULE
5. SCREW
6. BATTERY COVER
7. BATTERY

Figure 402. IIDS Hardware

3. IIDS BMS Battery

A. IIDS BMS Battery Removal

(Ref. Figure 402)

Power Off

CAUTION Use non–metallic tool to remove battery from holder.

(1). Remove IIDS (Ref. Section 95–30–00)

(2). Remove screws (5) securing battery cover (6) to IIDS top cover.

(3). Remove battery cover (6).

(4). Gently pry battery (7) from its holder using a non–metallic tool.

B. IIDS BMS Battery Installation

(Ref. Figure 402)

Power Off

(1). Install battery (7) in holder.

(2). Install battery cover (6).

(3). Install screws (5) on battery cover (6). Torque screws (5).

4. IIDS Lamp Box Module Assembly

A. IIDS Lamp Box Module Assembly Removal

(Ref. Figure 402)

Power Off

CAUTION Take care in handling lamp box module due to possible electrostatic discharge damage.

(1). Remove IIDS (Ref. Section 95–30–00)

(2). Remove screws (3) securing lamp box module (4) to IIDS chassis.

(3). Gently squeeze lamp box module (4) from both sides and pull upward to disengage from connector.

(4). Withdraw module (4) from IIDS.

B. IIDS Lamp Box Module Assembly Installation

(Ref. Figure 402)

Power Off

CAUTION Take care in handling lamp box module due to possible electrostatic discharge damage.

(1). Install lamp box module (4) in IIDS until it engages with connector.

(2). Install screws (3). Torque screws (3).

(3). Install IIDS (Ref. Section 95–30–00).

5. IIDS Filter Frame (NVG Compatible)

A. IIDS Filter Frame (NVG) Removal

(Ref. Figure 403

Power Off

CAUTION Take care to avoid twisting motion that may damage connector pins on back of key panel assembly.

(1). Verify all power is removed from helicopter (Ref. Section 96–00–00).

NOTE: If NVG Filter Frame is being removed for new IIDS installation, IIDS NVG Key Panel must also be removed and installed on new IIDS Installation (Ref. IIDS Key Panel Assembly).

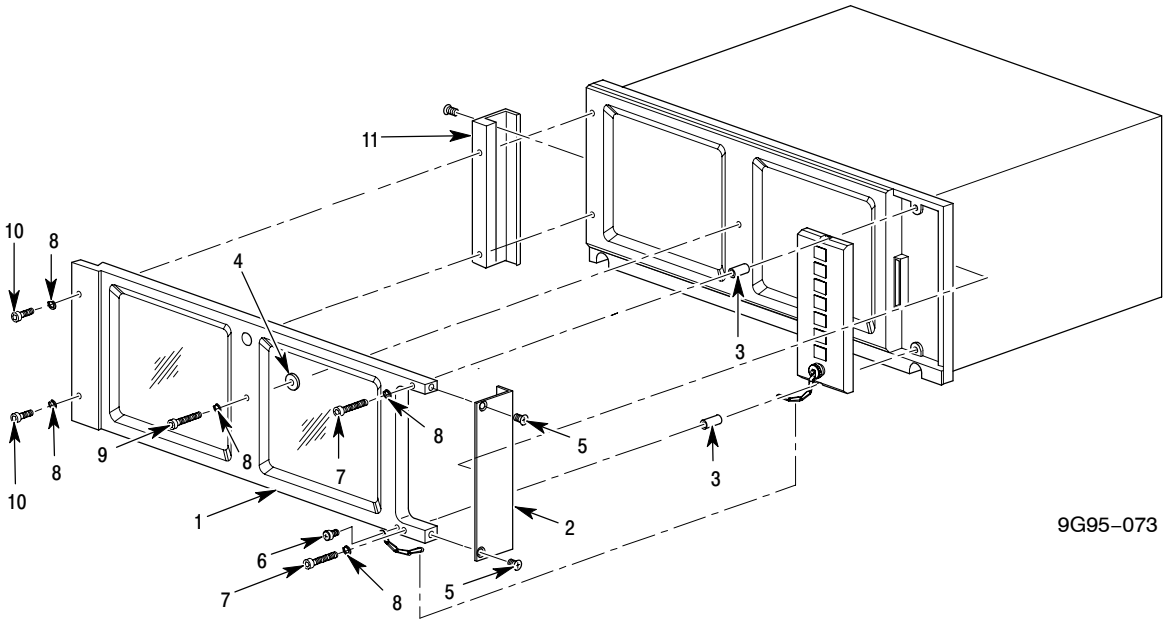
(2). Remove two flat head screws (5) from right spacer bracket (2).

(3). Disconnect external connect plug cap and remove screw (6) from lanyard. Remove lanyard.

NOTE: Gasket Spacer and Standoff Spacers may fall out of position. Retain spacers for reinstallation.

(4). Using a **3/32 hex** key, remove two each hex cap screws (7 and 10) with locking washers (8).

(5). Carefully move center hex cap screw (9), with locking washer (8), two standoff spacers (3) and gasket spacer (4) securing filter frame assembly (1) to IIDS chassis. Carefully remove NVG filter frame assembly.



1. IIDS DISPLAY FILTER FRAME
2. SPACER BRACKET, RIGHT
3. SPACER, STAND OFF
4. SPACER, GASKET
5. SCREW, 100° FLAT HEAD, SCR–008
6. SCREW, PHILLIPS HEAD
7. SCREW, HEX SCR–009
8. WASHER, LOCKING
9. SCREW, HEX SCR–010
10. SCREW, HEX SCR–007
11. BRACKET, MOUNTING, LEFT

Figure 403. IIDS Filter Frame – (NVG Compatible)

B. IIDS Filter Frame (NVG) Installation

(Ref. Figure 403

Power Off

CAUTION Take care to avoid twisting motion that may damage connector pins on back of key panel assembly.

(1). Verify all power is removed from helicopter (Ref. Section 96–00–00).

(2). Place gasket spacer (4) over center fastener hole between two displays.

(3). Place one standoff spacer (3) over each fastener holes in the key panel assembly.

(4). Carefully place IIDS display filter frame (1) onto the face of the IIDS unit making sure to align all five fastener holes.

NOTE: The top edge of the IIDS display frame filter should be flush and in line with the top edge of IIDS unit.

(5). Using a **3/32 hex** key insert center hex cap screw (9), with locking washer (8). Ensure remaining fastener holes are aligned and spacers are properly positioned in place. Secure center cap screw.

(6). Install two each hex cap screws (7 and 10) with locking washers (8).

(7). Tighten screw (7, 9 and 10) until the filter frame bottoms out on the left mounting bracket (11), gasket spacers (4) and standoff spacers (3). This will create a light tight seal around each IIDS display.

(8). Install two flat head screws (5) to right spacer bracket (2).

(9). Install screw (6) to lanyard and connect external plug cap.

6. Outside Air Temperature Sensor

A. Outside Air Temperature Sensor Removal

(Ref. Figure 404)

Power Off

(1). Verify all power is removed from helicopter (Ref. Section 96–00–00).

(2). Open access panel N106 (Ref. Section 06–00–00).

(3). Detach connector **P111** from outside air temperature sensor (3).

(4). Remove the jam nut (1) and washer (2) on outer skin of the fuselage.

(5). Remove air temperature sensor (3).

(6). Remove washer (4).

B. Outside Air Temperature Sensor Installation

(Ref. Figure 404)

Consumable Materials (Ref. CSP–SPM)	
Item	Nomenclature
C228	Sealant Primer
C225	Sealing and Locking Compound

Power Off

(1). Verify all power is removed from helicopter (Ref. Section 96–00–00).

(2). Install outside air temperature sensor (3) and washer (4).

Sealant Primer (C228)

Sealing and Locking Compound (C225)

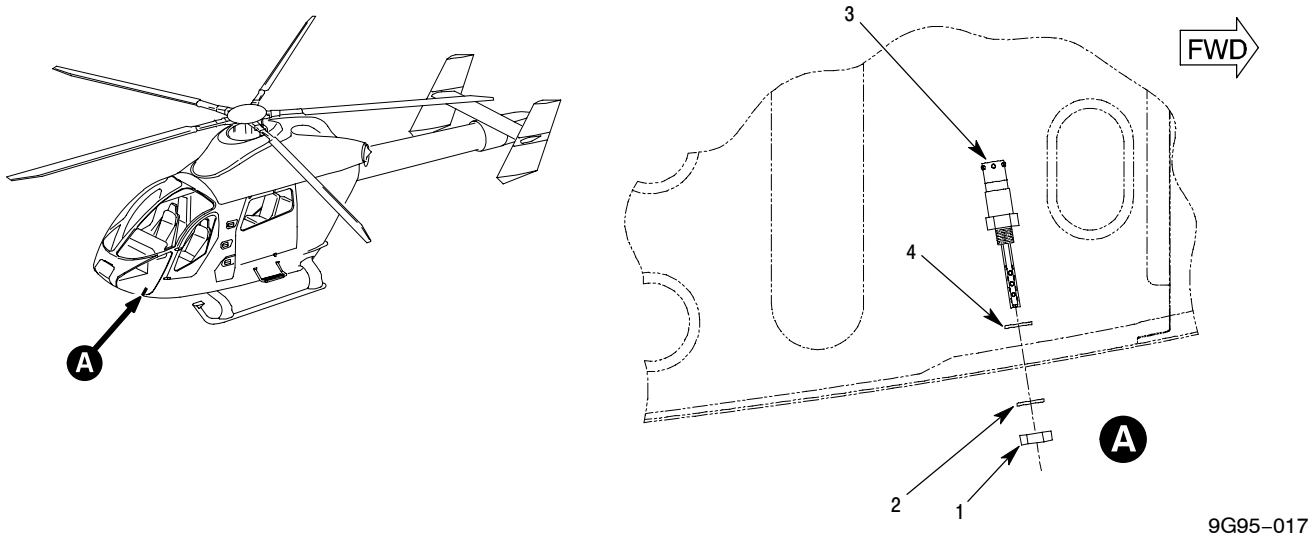
(3). Apply sealant primer (C228) and sealing and locking compound (C225) to jam nut (1) (Ref. CSP–SPM).

(4). Install washer (2) and jam nut (1). Torque jam nut (1).

(5). Attach connector **P111** to outside air temperature sensor (3).

(6). Close access panel N106 (Ref. Section 06–00–00).

(7). Restore power to helicopter (Ref. Section 96–00–00).



1. JAM NUT
2. WASHER
3. OUTSIDE AIR TEMPERATURE SENSOR
4. WASHER

Figure 404. Outside Air Temperature Sensor

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INTEGRATED INSTRUMENT DISPLAY SYSTEM (IIDS)

INSPECTION/TEST

1. IIDS

A. IIDS Inspection (Area 1)

(Ref. Figure 401)

(1). Inspect enclosure for corrosion, damage, or wear. No damage permitted.

(2). Inspect electrical connectors for damaged parts or deformation. No damage permitted.

(3). Inspect contacts for corrosion and correct alignment. No damage permitted.

(4). Inspect IIDS display panel for cracks. None permitted.

(5). Inspect IIDS display panel for incorrect color. None permitted.

2. Sensor Tests

A. Pressure Sensor Test

(Ref. Figure 101)

Special Tools
(Ref. CSP–SPM)

Item	Nomenclature
T1001	Analog Multimeter, Portable

The pressure sensors use 7.5 Vdc from the IIDS for excitation. The sensors send 0–100 mVdc back to the IIDS for pressure indication.

Power Off

(1). Make sure all electrical power is disconnected from helicopter (Ref. Section 96–00–00).

(2). Disconnect electrical connector from pressure sensor.

(3). Put a **500 ohm** resistor between pins A and B of connector.

(4). Apply external electrical power to helicopter (Ref. Section 96–00–00).

High Voltage

(5). Make sure IIDS has no caution indication.

(6). Do a test for **7.13–7.87 Vdc** between pins A and B of the connector, use analog multimeter (T1001) (Ref. CSP–SPM).

Power Off

(7). Make sure all electrical power is disconnected from helicopter (Ref. Section 96–00–00).

(8). If voltage is not in limit, do a test for an open circuit condition between IIDS and pressure sensor (Ref. Section 98–40–00 and CSP–SPM).

(a). If there is an open circuit condition, repair wiring (Ref. Section 98–40–00 and CSP–SPM).

(b). If there is no open circuit condition, do a test for a short circuit condition (Ref. Section 98–40–00 and CSP–SPM).

(c). If there is a short circuit condition, repair wiring (Ref. Section 98–40–00 and CSP–SPM).

(d). If there is no open or short circuit condition, replace IIDS.

(9). Do a test for no more than **2000 ohms** between pins C and D of pressure sensor, use analog multimeter (T1001). If resistance is not in limit, pressure sensor is defective.

(10). Do a test for more than **500 ohms** between pins A and B of pressure sensor, use analog multimeter (T1001). If resistance is not in limit, pressure sensor is defective.

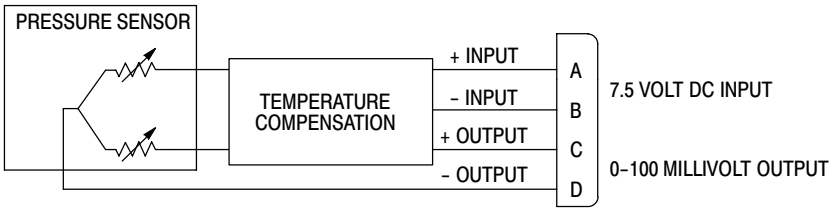


Figure 101. Pressure Sensor

B. Standard Temperature Sensor Test

(Ref. Figure 102)

Special Tools (Ref. CSP–SPM)	
Item	Nomenclature
T1001	Analog Multimeter, Portable

The temperature sensor is a 100 ohm three-wire Resistance Temperature Detector (RTD). They will have 99.998–100.002 ohms resistance when temperature is 32 °F (0 °C).

Power Off

(1). Make sure all electrical power is disconnected from helicopter (Ref. Section 96–00–00).

(2). Remove electrical connector from temperature sensor.

(3). Do a test between pins A and B, and pins A and C of temperature sensor for resistance at known temperature, use analog multimeter (T1001) (Ref. Table 101).

(4). Resistance must be no more than **2 ohms** different than quantity shown in table. If resistance is not in limit, sensor is defective.

(5). Do a test for an open condition between pins B and C of temperature sensor, use analog multimeter (T1001). Resistance must be **0 ohms**. If resistance is incorrect, temperature sensor is defective.

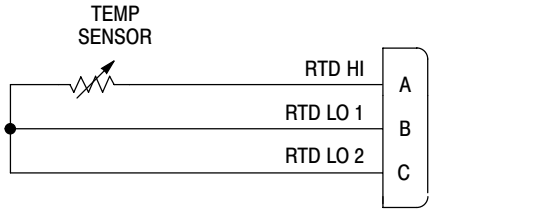


Figure 102. Temperature Sensor (Typical)

Table 101. Resistance vs. Temperature Chart

Temperature Coefficient of Resistance = 0.003850 ohms/ohms/°C											
°C	**0**	**–10**	**–20**	**–30**	**–40**	**–50**	**–60**				
0	100.00	96.09	92.16	88.23	84.21	80.32	76.34				
°C	**+0**	**+10**	**+20**	**+30**	**+40**	**+50**	**+60**	**+70**	**+80**	**+90**	**+100**
0	100.00	103.90	107.79	111.67	115.54	119.40	123.24	127.07	130.89	134.70	138.50
+100	138.50	142.29	146.06	149.82	153.57	157.31	161.04	164.76	168.46	172.16	175.83
+200	175.83	179.50	183.16	186.82	190.45	194.07	197.69	201.29	204.88	208.46	212.02
°F	**0**	**–20**	**–40**	**–60**							
0	93.02	88.65	84.21	79.85							

Table 101. Resistance vs. Temperature Chart (Cont.)

Temperature Coefficient of Resistance = 0.003850 ohms/ohms/°C											
°F	+0	+20	+40	+60	+80	+100	+120	+140	+160	+180	+200
0	93.02	97.39	101.74	106.07	110.38	114.68	118.97	123.24	127.50	131.74	135.97
+200	135.97	140.18	144.38	148.57	152.74	156.90	161.04	165.17	169.28	173.38	177.47
+400	177.47	181.54	185.60	189.64	193.67	197.69	201.69	205.68	209.65	213.61	217.55

C. Standard Temperature Switch Test

(Ref. Figure 103)

Special Tools (Ref. CSP–SPM)	
Item	Nomenclature
T1001	Analog Multimeter, Portable

Refer to the applicable system section in CSP–900RMM for limits of temperature switch.

CAUTION Heat gun supplies approximately 500 °F (260 °C) air. Move heat gun on temperature switch or damage to temperature switch can occur.

NOTE:

- You can use a heat gun to operate temperature switch.
- Use heated fluid with a thermometer to test for accurate temperature.

(1). Remove temperature switch (Ref. applicable system section in CSP–900RMM).

(2). Do a test for temperature switch operation, use analog multimeter (T1001). If temperature switch does not operate at the correct temperature, temperature switch is defective.

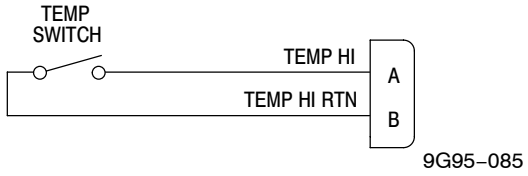


Figure 103. Temperature Switch (Typical)

D. Standard Pressure Switch Test

(Ref. Figure 104)

Special Tools (Ref. CSP–SPM)	
Item	Nomenclature
T1001	Analog Multimeter, Portable
T2027	Calibrator, Pressure

Refer to the applicable system section in CSP–900RMM for limits of pressure switch.

NOTE: You can make a pressure tester, use a pump, high pressure hose, pressure gauge, and tee fitting.

(1). Remove pressure switch (Ref. applicable system section in CSP–900RMM).

(2). Do a test for pressure switch operation, use analog multimeter (T1001) and pressure calibrator (T2027). If pressure switch does not operate at correct pressure, pressure switch is defective.

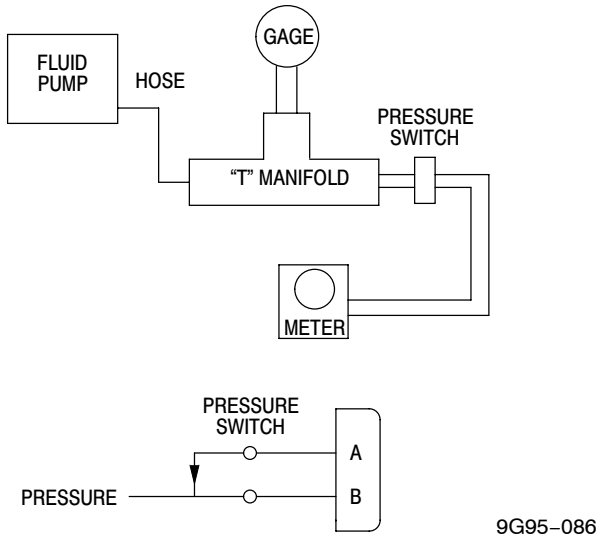


Figure 104. Standard Pressure Switch and Test Setup

E. IIDS Display Operational Test

(Ref. Figure 601)

(1). **900 CONFIG -** Make sure **IIDS** circuit breaker of **ESSENTIAL BUS** on essential bus circuit breaker panel is in.

(2). **902 CONFIG -** Make sure **IIDS** circuit breaker of **R ESS BUS** on essential bus circuit breaker panel is in.

(3). On **ELECTRICAL MASTER** panel, set **POWER** switch to **BAT/EXT**.

(4). If necessary, adjust IIDS display with **IIDS** potentiometer on **LIGHTING CONTROL** panel.

NOTE: Display will stay on as long as 10 seconds when you push and do not release **DISP** key.

(5). Push **DISP** key for more than 3 seconds. Make sure all display segments come on.

(6). Release **DISP** key.

3. Outside Air Temperature Sensor

A. Outside Air Temperature Sensor Inspection (Area 1)

(Ref. Figure 404)

(1). Inspect for cracks and broken or bent sensor. No damage permitted.

(2). Inspect electrical connector for damage. Thread damage can be no more than **50%** of one thread. No other damage permitted.

(3). Visually inspect wiring for damage. No damage permitted.

B. Outside Air Temperature Sensor Operational Test

(Ref. Figure 601)

(1). Do the IIDS display operational test.

(2). On IIDS secondary display, make sure **OAT** shows approximate outside air temperature.

C. Outside Air Temperature Sensor Functional Test

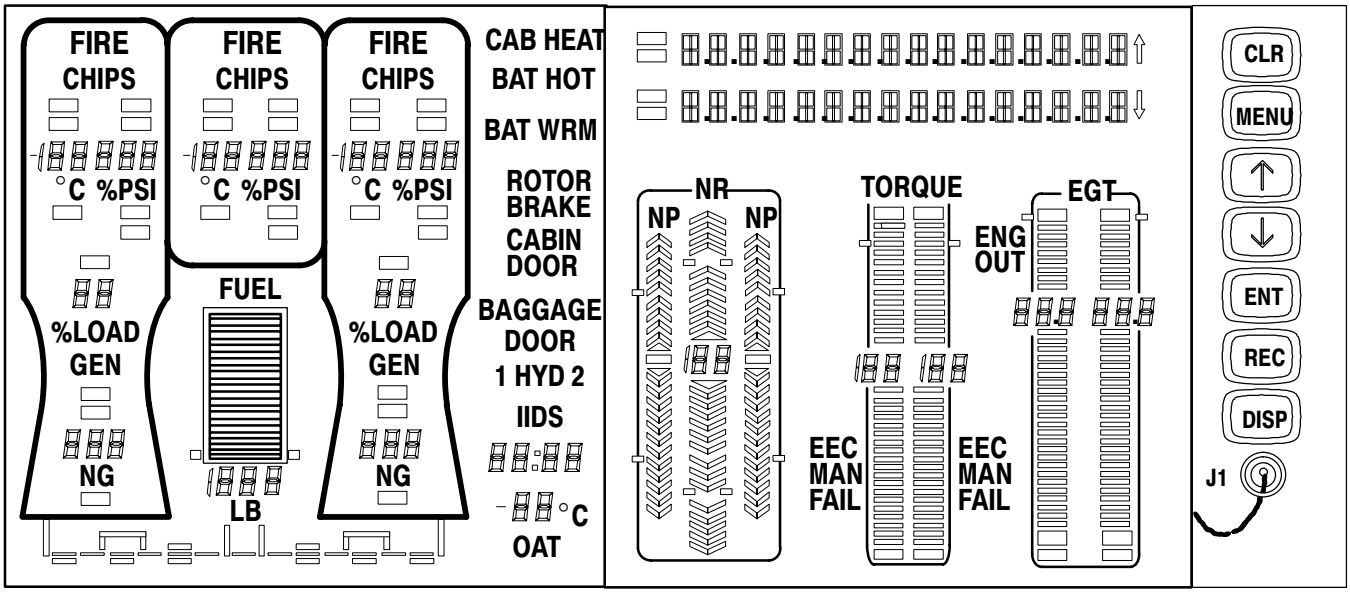
CAUTION Battery Discharge

(1). Do the IIDS display operational test.

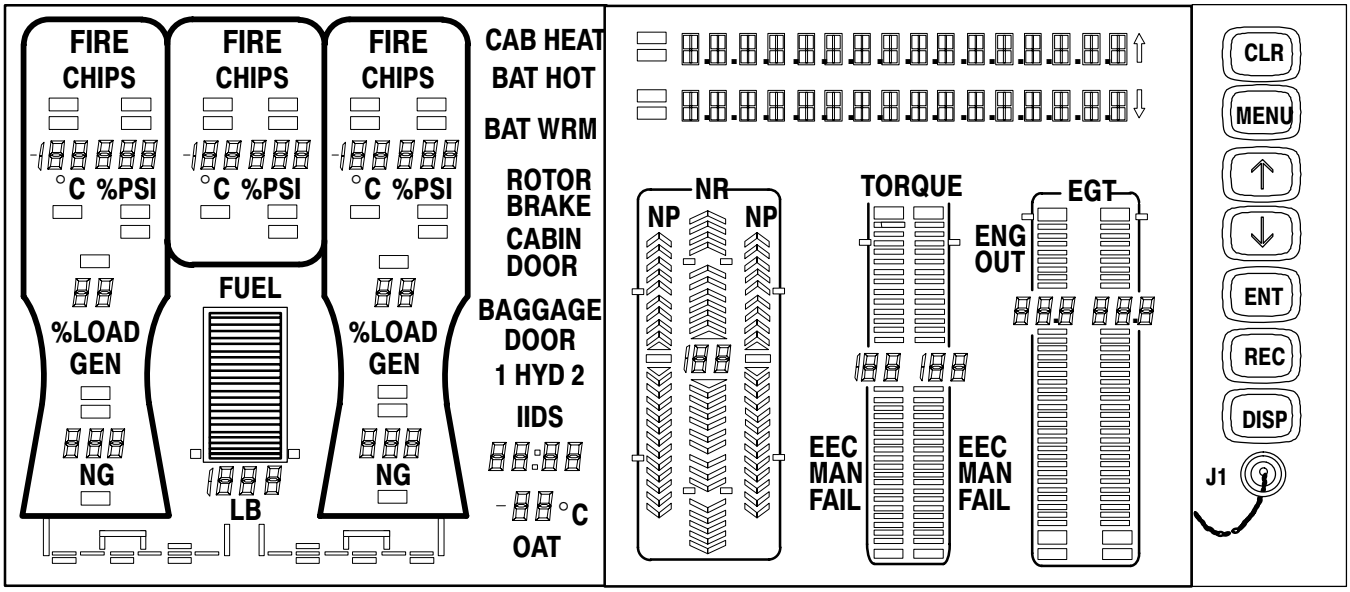
(2). Put a thermometer adjacent to outside air temperature sensor.

(3). After thermometer adjusts to temperature, continue the procedure.

(4). On IIDS secondary display, make sure **OAT** shows the same value as shown on thermometer.



900 CONFIG



902 CONFIG

9G95–016A

Figure 601. Integrated Instrument Display System Panel

4. IIDS Initialization

IIDS initialization must be performed when a new or replacement IIDS is installed in the aircraft. If the maintenance assistance functions of IIDS are not being used, The Basic IIDS Initialization must be performed as a minimum. In addition, aircraft Fault Reporting, Cumulative Usage, and Exceedance logs must be initiated and maintained using the last log record counts provided in the new/replacement IIDS unit.

A. Basic IIDS Initialization

If an new or replacement IIDS is installed and the maintenance assistance functions of the IIDS are not being used only a Basic IIDS Initialization is required to configure the IIDS. The basic initialization functions can be performed using the IIDS menus. The following procedures must be performed as a minimum to configure the IIDS:

SET TIME/DATE
(Ref. Figure 605)

FUEL CALIBRATION Ô SET CAL CODES
(Ref. Figure 623)

B. IIDS Complete Initialization

A complete IIDS initialization requires the use of a Ground Based Maintenance Computer (GBMC) and software program. (Ref. IIDS Setup Data).

5. IIDS Menu Selection And Operations

A. IIDS Key Panel Operation

(Ref. Figure 601)

The IIDS key panel provides operators and maintainers with the ability to view or change data in the IIDS. IIDS functions and programs are selected and initiated using these keys. Key functions are:

(1). **CLR** key – used to blank the alpha–numeric display and exit all menu functions. Also used to reset IIDS annunciator light in flight. Pressing **CLR** when editing an <action field> will abandon any changes being made.

NOTE: Action fields are identified in the IIDS menu figures using **<** and **>** delimiters. This data can be edited by pilots or maintainers using the ↑ and ↓ , **ENT** and **REC** keys (Ref. paragraph Editing Action Fields).

(2). **MENU** key – used to access top level menu from a blank alpha–numeric display. When using the IIDS menus, this key will return user to next higher menu level. Pressing **MENU** when editing an <action field> will abandon any changes being made.

(3). **Arrow** keys – ↑ and ↓ are used to scroll between menu options. pressing and holding key for more than two seconds will initiate automatic scrolling. Automatic scrolling will cause display to change to new menu option at a rate of one per second. Automatic scrolling stops when key is released. These keys are also used to change values if digits in action fields.

(4). **ENT** key – used to enter a menu option after it has been selected. **ENT** is also used to initiate editing of an <action field>. Pressing **ENT** when editing <action fields> will cause the next digit in the field to be selected (digit will blink) for editing.

(5). **REC** key – used to initiate data collection functions. Pressing key for 7 to 10 seconds will start data recording. When editing an <action field>, **REC** stores changes and returns to the menu.

(6). **DISP** key – used to select display modes. Pressing **DISP** toggles display mode between continuous and exception modes. Pressing and holding **DISP** for more than three seconds initiates commanded built in self test.

B. Editing Action Fields

(Ref. Figure 605)

Action fields are special types of data within the IIDS displays that are editable by pilots and maintainers. These displays are indicated in the IIDS menu figures as values enclosed in < and > delimiters.

The **SET TIME/DATE** function is used here as a example of how to edit an action field. Other action field edits are similar.

(1). To change date or time:

(a). Press **MENU** to enter menu system.

(b). Use ↑ or ↓ keys to select **SET TIME/DATE** and press **ENT**. The following is displayed on the IIDS two line alphanumeric display:
TIME xx:xx
DATE xx-xx-xx

(c). Press **ENT** to edit display. The hour digits in the **TIME HH:MM** display will blink indicating these are the digits selected for editing.

(d). Use ↑ or ↓ keys to change value of flashing digit/value.

NOTE: Holding the arrow key for more than one second will cause the value of the digit(s) being edited to increment at the rate of one per second.

(e). Press **ENT** to select next digit(s) (the minutes digits will blink) and set value using ↑ or ↓ keys.

NOTE: Each press of the **ENT** key will select the next value to edit in the sequence they are displayed.

(f). Repeat steps (c) and (d) until the correct time and date is displayed.

(g). Use the **REC** key to save the changed time/date. Pressing the **CLR** key instead of **REC** will abandon all changes.

NOTE: The **REC** key may be pressed at any time during the editing process to save the changes made. Any fields not changes will remain at their present values.

6. IIDS Menus

(Ref. Figure 602)

All user selectable IIDS functions are accessed through the top level menu. Some of the top level options are displays only such as the Pressure Altitude and Density altitude displays) and do not have submenu selections.

Use the ↑ or ↓ keys to select the option desired. Pressing **ENT** will select the second level menu for those options with sub menus.

A. Collective Lever Position Menu

(Ref. Figure 602)

This menu option provides a continuous display of the Collective Lever Position (CLP). This display is used in rigging the flight controls and the engine throttles.

B. Pressure Altitude / Density Altitude Displays

(Ref. Figure 602)

This menu option provides a continuous display of pressure altitude and density altitude.

C. Elapsed Time Menu

(Ref. Figure 605)

Elapsed time display is a 4–digit min:sec timer. The timer is reset, started and stopped by pressing **ENT** key.

D. Flight Time (Time Summary) Menu

(Ref. Figure 605)

This option provides information recorded by the IIDS for, Last Flight Time, Total Flight Hours, Total Flights, as well as cumulative usage information on engine components. To insure accurate data, this information must be updated using the GBMC if the IIDS is replaced (Ref. IIDS Setup Menu).

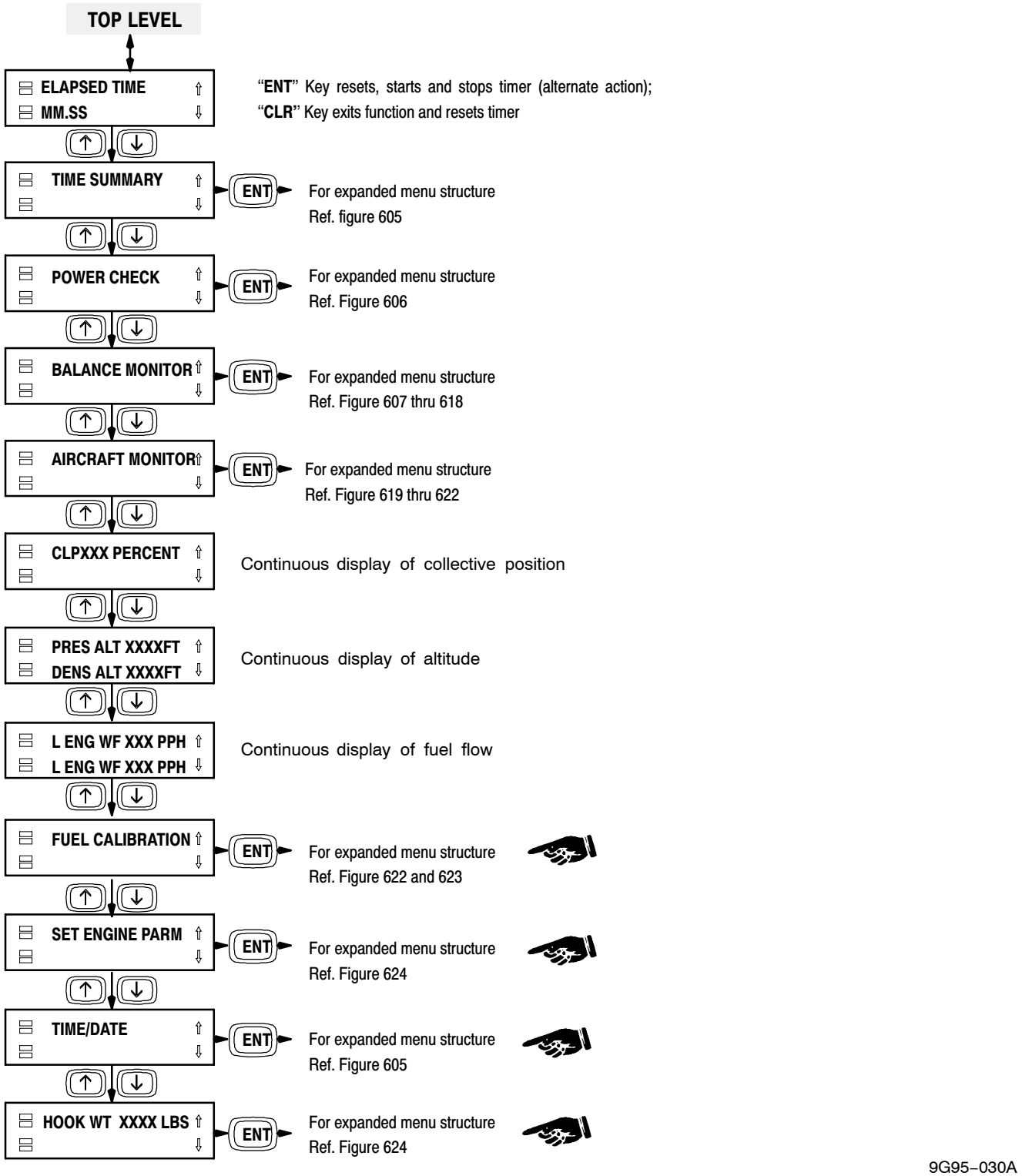


Figure 602. IIDS Top Level Menus

E. Engine Time (Time Summary) Menu

(Ref. Figure 605)

This option provides cumulative usage information on engine components. Times or cycle counts are provided for the last flight made and total accumulated time/cycle counts.These values are based on data stored in the IIDS memory. If the IIDS is moved from one aircraft to another, The information in the IIDS will be invalid for the new aircraft. If the maintenance assistance functions of IIDS are to be used, it will be necessary to use the Ground Based Maintenance Computer to configure the the IIDS to the new aircraft (Ref. IIDS Initialization).

F. Set Time/Date Menu

(Ref. Figure 605)

This option allows pilots and maintainers to enter the correct time and date into the IIDS. This information is used in the log functions to indicate the time and date a log entry was created in the IIDS. This procedure should be performed after an IIDS replacement.

G. Perform Power Assurance Check Menu

(Ref. Figure 606)

This option provides an automatic calculation of engine power. Several conditions must be set in order for this test to be performed correctly. Refer to the Rotorcraft Flight Manual for specific instructions when performing this procedure.

H. View Last Power Assurance Check Menu

(Ref. Figure 606)

This option provides the pilot or maintainer with the ability to view the values calculated by IIDS for the last power assurance check performed.

I. Perform Power Assurance Check (Ground Based Computer – Alternate Method)

(Ref. Figure 603)

NOTE:

- This procedure is provided as an alternative to using the automated IIDS power assurance check. Refer to the Rotorcraft Flight Manual (CSP-900RFM-1 or CSP-902RFM-1) for engine starting, shutdown and operation.
- The Ground Based Maintenance Computer must be: IBM compatible with an Intel 386 or later processor, a hard disk drive with one megabyte of free space, 3.5 inch floppy disk drive, VGA resolution screen, U.S. keyboard, RS232 serial port connection, running DOS 3.3 or later operating system.

(1). Install power assurance check software program (P&WC Part No. 83009):

(a). Set the computer power switch on and wait for the power up cycle to complete. If power assurance software program is installed on computer, go to step (4).

NOTE: This procedure will create a program directory structure on the computer's hard disk and install the program files. This procedure only needs to be performed once.

(b). Insert floppy disk in drive **"A:**"

(c). At the screen prompt type " A:INSTALL" and press the enter key.

(2). Open left side cabin door.

(3). Remove cap from UART connector (1) **J139** (upper connector) on lower aft inboard side of cabin door frame.

(4). Connect power assurance cable connector (2) to aircraft UART connector **J139** (1).

(5). Connect cable connector (5) labeled **LEFT ENGINE** to serial port (3) on computer (4).

(6). To start power assurance check program, type "C:EEC\START" and press the enter key.

NOTE: The screen will display both left and right engine N_G. Since only one connector can be attached to the computer, only one of the displays will be providing current N_G values.

(7). Start and run the left engine at **IDLE**.

(8). Compare the N_G display on the computer with the IIDS N_G display. The displays should be accurate within the same whole number (e.g. computer displays N_G = 65.2344 and IIDS displays N_G = 65).

(9). Conduct N_G power assurance check (using the Unbiased N_G power assurance chart Figure 604) in accordance with the Rotorcraft Flight Manual.

(10). Shut down left engine.

(11). Remove the power assurance cable **LEFT ENGINE** connector (5) from the computer serial port (3) and connect the **RIGHT ENGINE** connector (6).

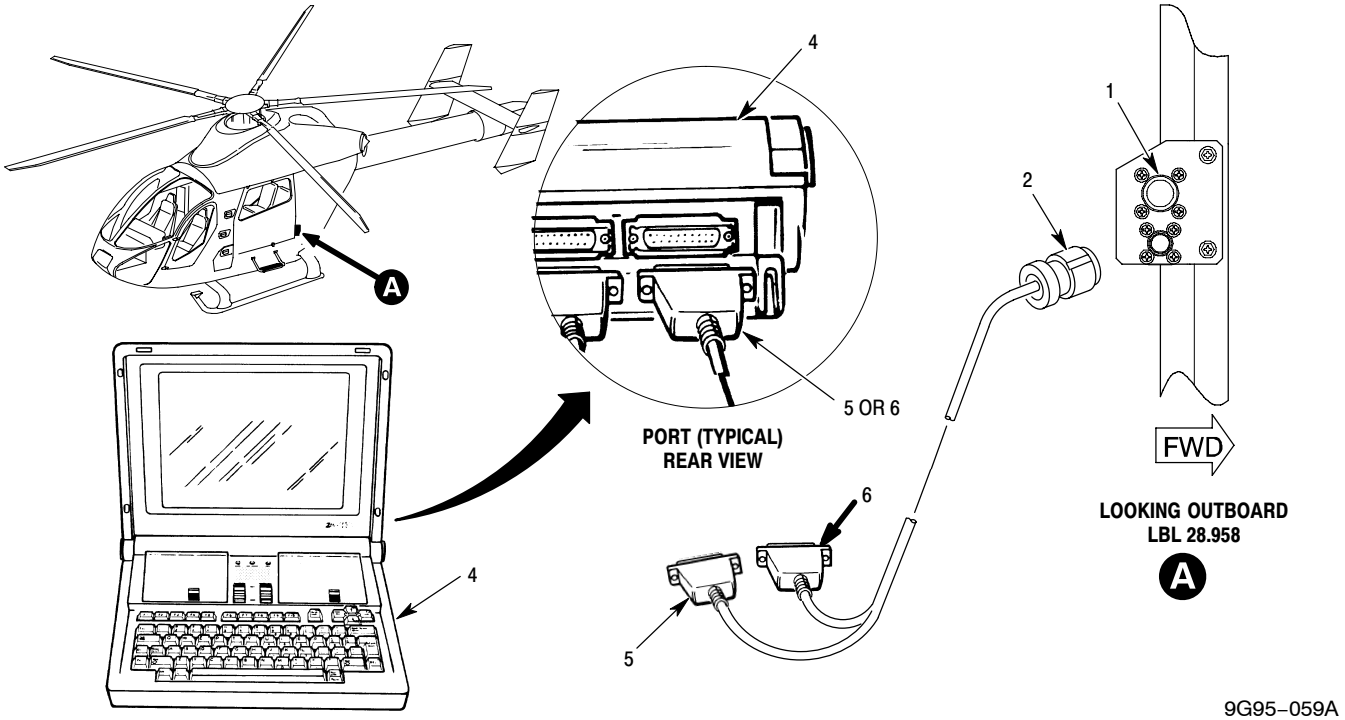
(12). Start and run right engine at **IDLE**.

(13). Repeat steps (8). and (9).

(14). Shut down right engine.

(15). Shut down computer and disconnect power assurance cable connector (2) from computer and **J139** (1).

(16). Replace protective cap on connector **J139** (1).



1. UART CONNECTOR
2. POWER ASSURANCE CABLE CONNECTOR
3. SERIAL PORT
4. COMPUTER
5. LEFT ENGINE CONNECTOR (SERIAL PORT)
6. RIGHT ENGINE CONNECTOR (SERIAL PORT)

Figure 603. Alternate Power Assurance Check Equipment Setup

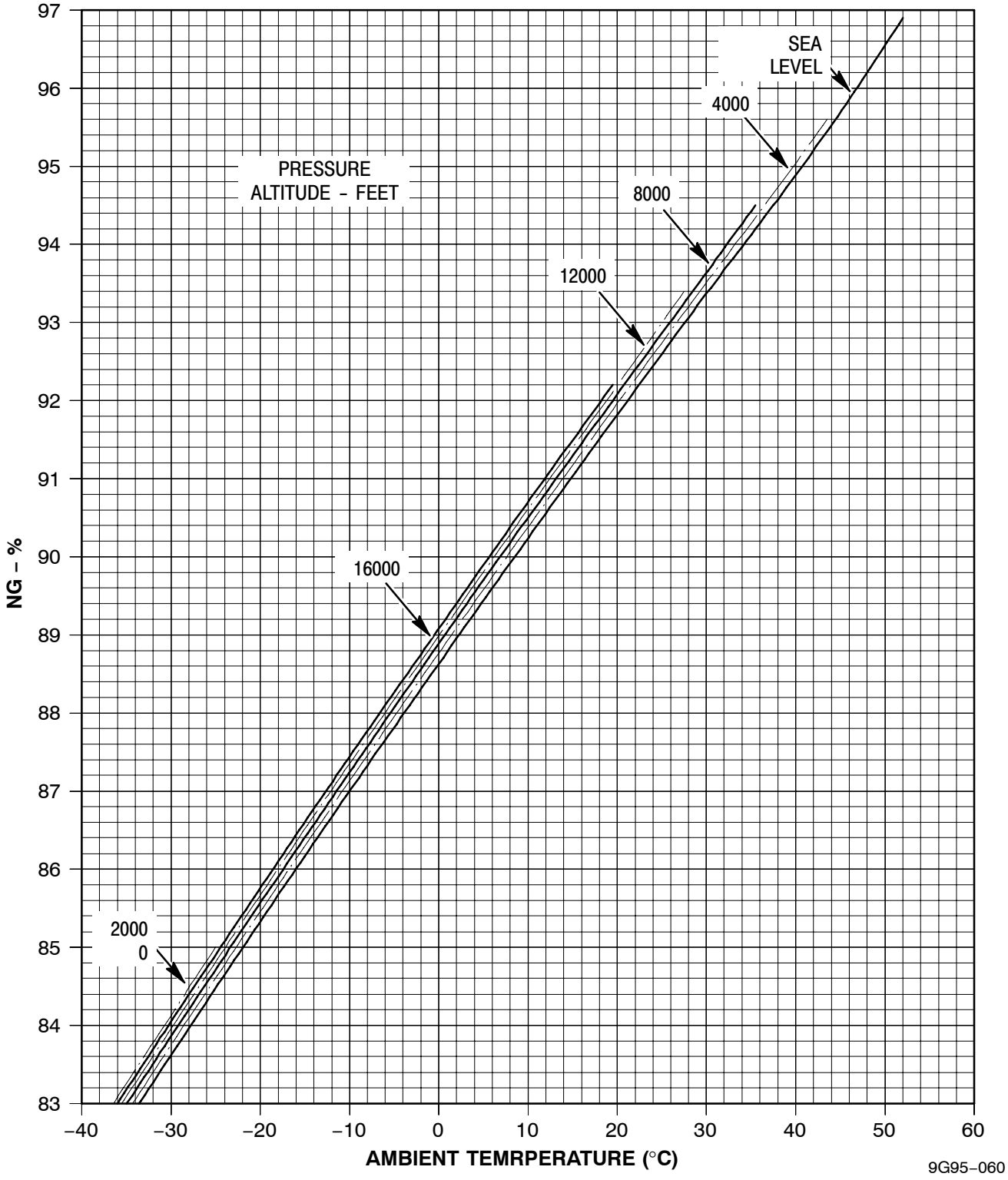
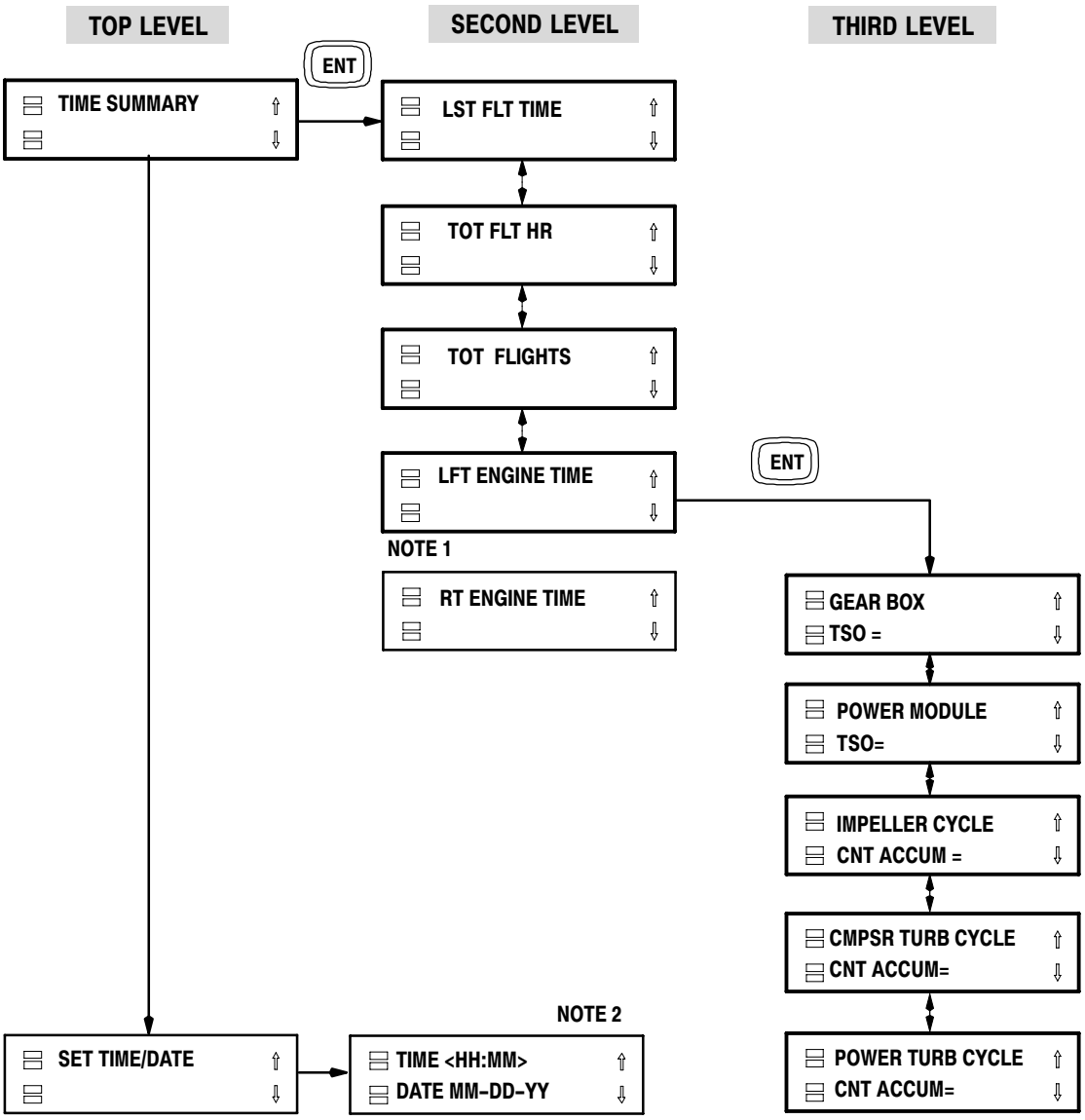


Figure 604. Unbiased N_G Power Assurance Chart – Ground Based Maintenance Computer (GBMC) Alternate Power Assurance Check Procedure



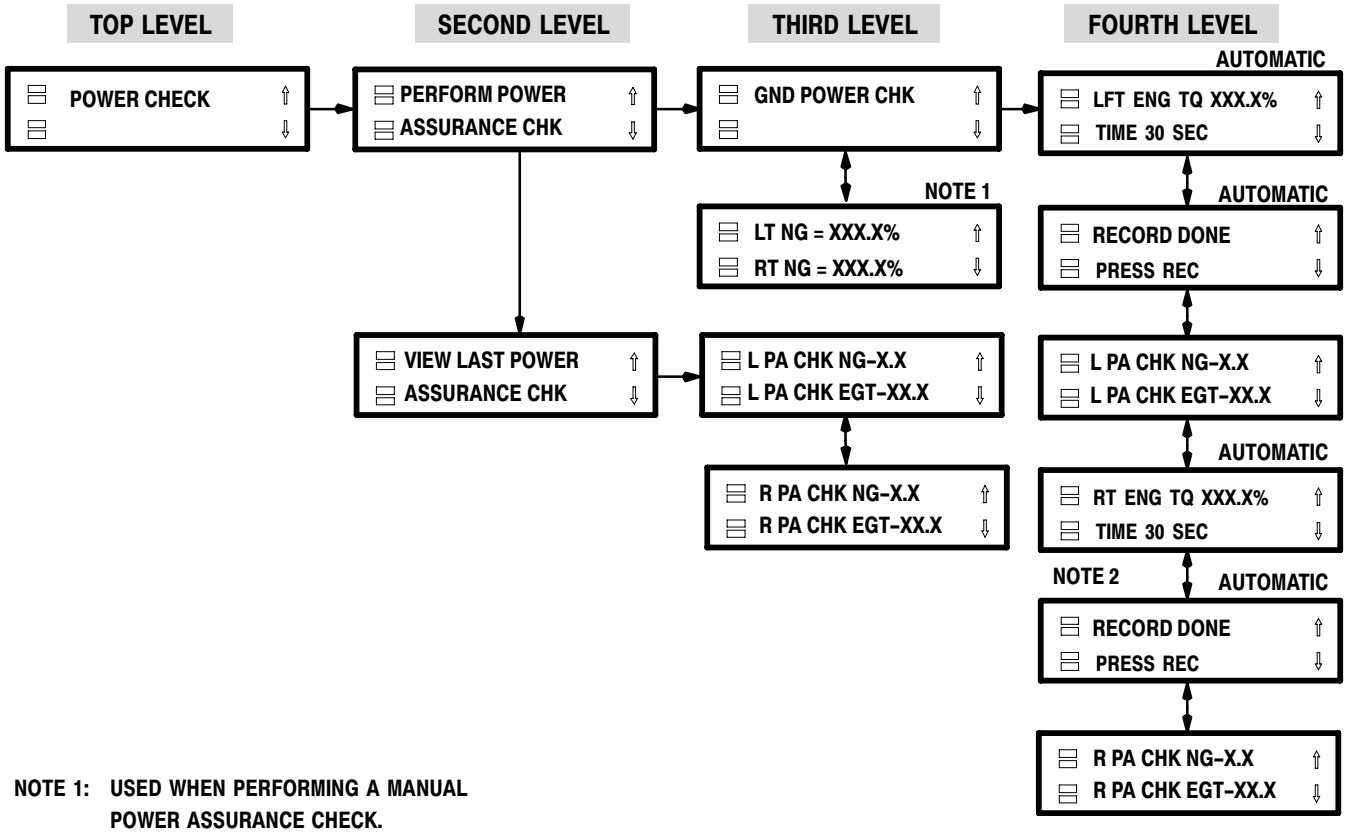
NOTE 1: THIRD LEVEL MENU FOR RIGHT ENGINE SAME AS FOR LEFT ENGINE

NOTE 2: "ENT" KEY SELECTS FIELD TO BE SET (MINUTE, HOURS, DAY, MONTH, YEAR) AND SELECTED FIELD BLINKS, ↑ AND ↓ KEYS INCREMENT/DEINCREMENT DIGIT VALUE,"REC" KEY CHANGES TIME AND DATE TO SELECTED VALUES

NOTE: TO RETURN TO PREVIOUS HIGHER LEVEL – PRESS MENU

9G95–031A

Figure 605. IIDS Time Menus



NOTE 1: USED WHEN PERFORMING A MANUAL POWER ASSURANCE CHECK.

NOTE2: PRESS REC KEY TO SAVE DATA IN TREND LOG; MENU OR CLR KEY ABORTS FUNCTION

NOTE: TO RETURN TO PREVIOUS HIGHER LEVEL - PRESS (MENU)

9G95–032

Figure 606. IIDS Power Check Menus

J. Collect M/R Data Run XX Menu (Main Rotor Balance Menu)

(Ref. Figure 607)

This option is selected to perform main rotor balance. Instructions on the alphanumeric display guide the pilot through the performance of the procedure. Some of the messages are automatic in nature and indicate the IIDS is collecting data. Others prompt the pilot or maintainer to press a key to continue the procedure.

NOTE: The BMS balance model in the IIDS is designed to accurately perform calculations to provide balance solutions for rotorcraft with a gross weight between 4,900 pounds and 5,500 pounds. If this procedure is performed on rotorcraft outside this gross weight range, the solutions provided by the IIDS may be incorrect.

K. M/R Balance Display Measurement Menu

(Ref. Figure 608)

NOTE: These values are based on data stored in the IIDS memory. If the IIDS is moved from one aircraft to another, The information in the IIDS will be invalid for the new aircraft. If the maintenance assistance functions of IIDS are to be used, it will be necessary to use the Ground Based Maintenance Computer to configure the the IIDS to the new aircraft (Ref. IIDS Initialization).

This option indicates the vibration signature values for the main rotor. These values are the values collected at the last performance of **Collect M/R Data Run XX**.

L. Main Rotor Configuration Menu

(Ref. Figure 609)

NOTE: These values are based on data stored in the IIDS memory. If the IIDS is moved from one aircraft to another, The information in the IIDS will be invalid for the new aircraft. If the maintenance assistance functions of IIDS are to be used, it will be necessary to use the Ground Based Maintenance Computer to configure the the IIDS to the new aircraft (Ref. IIDS Initialization).

This option stores the track and balance configuration of each of the installed blades and hub weights. For the BMS to function properly, this information must be initialized for the aircraft the IIDS is installed in. This information is used by the BMS in calculating the correction values provided in the **DISPLAY M/R SOLUTION XX** function.

M. Main Rotor Solutions Option Menu

(Ref. Figure 610)

This option allows maintainers to select a preferred method of correcting main rotor balance. It allows the maintainer to select from three possible configurations of pitch change link (PCL), blade trim tab (TAB), main rotor hub weight (HUB WT) and pitch case weight (PC WT). This value is used by the **DISPLAY M/R SOLUTION XX** to calculate corrections in weight and/or tab bends to correct main rotor balance.

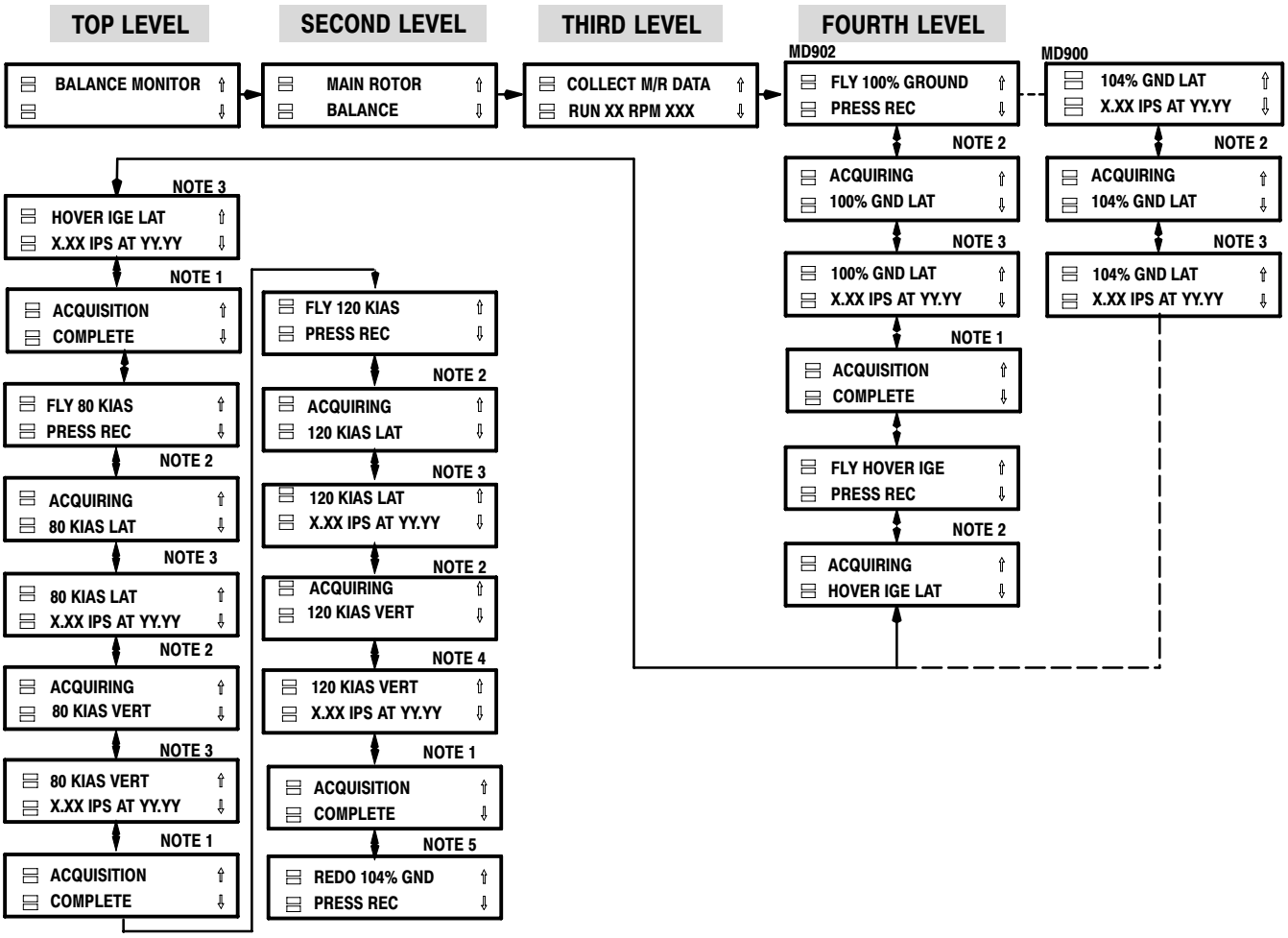
N. Display M/R Balance Solution Menu

(Ref. Figure 611)

NOTE: These values are based on data stored in the IIDS memory. If the IIDS is moved from one aircraft to another, The information in the IIDS will be invalid for the new aircraft. If the maintenance assistance functions of IIDS are to be used, it will be necessary to use the Ground Based Maintenance Computer to configure the the IIDS to the new aircraft (Ref. IIDS Initialization).

This option provides the correction values needed to correct main rotor balance. It provides the predicted IPS value for the main rotor if the indicated corrections are made.

This function also provide the maintainer with the ability to indicate which recommended changes were made or that all recommended changes were made (Ref. Editing Action Fields). When the maintainer indicated the change status, configuration data in the **MAIN ROTOR CONFIGURATION** option is automatically updated to reflect the new configuration.



NOTE 1: WHEN COMPLETED, MESSAGE IS DISPLAYED FOR 1 SECOND

NOTE 2: AUTOMATICALLY STEPS THROUGH ACQUIRING MEASUREMENTS SPECIFIED FOR THIS REGIME.

NOTE 3: WHEN COMPLETE, THE RESULT IS DISPLAYED FOR 4 SECONDS AND THE DISPLAY GOES TO NEXT REGIME.

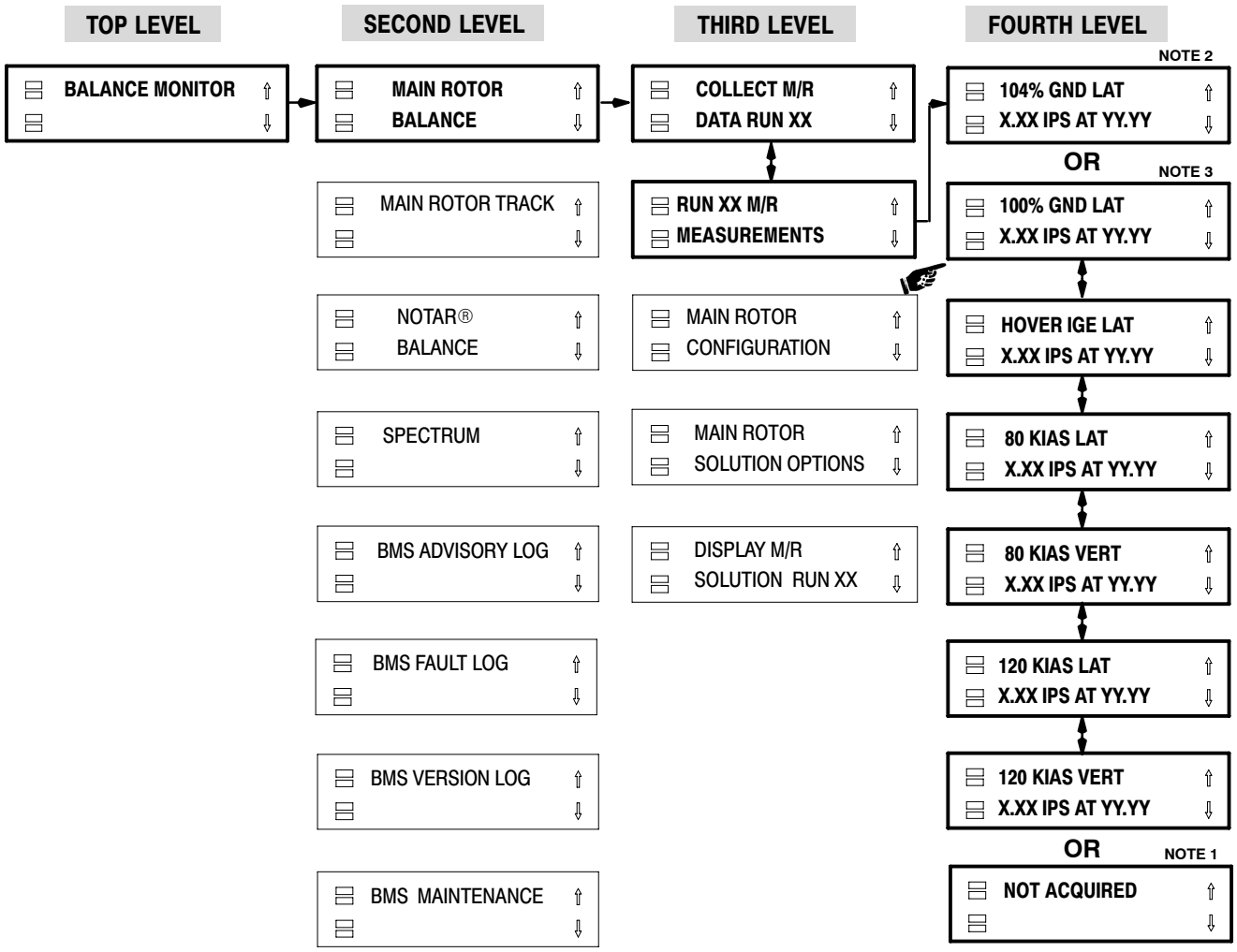
NOTE 4: WHEN COMPLETE, THE RESULT IS DISPLAYED FOR 4 SECONDS

NOTE 5: THE DISPLAY GOES BACK TO THE FIRST REGIME WHEN THE ABOVE DATA HAS BEEN COLLECTED

NOTE: TO RETURN TO PREVIOUS HIGHER LEVEL - PRESS MENU

9G95–033A

Figure 607. Collect Main Rotor Balance Data Menu

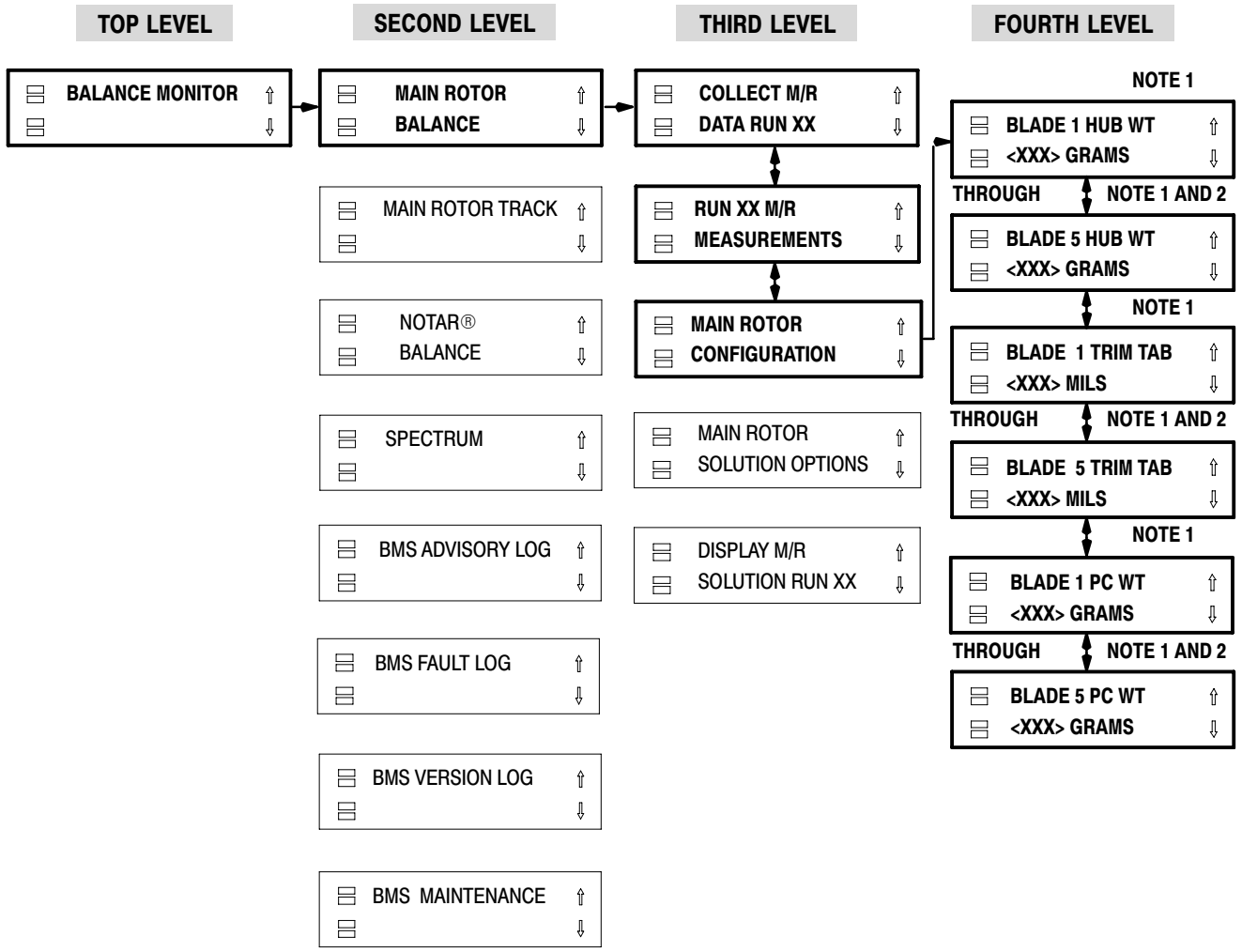


NOTE 1: COULD APPLY FOR EACH REGIME
NOTE 2: 900 CONFIG
NOTE 3: 902 CONFIG

NOTE: TO RETURN TO PREVIOUS HIGHER LEVEL - PRESS MENU

9G95–034–1A

Figure 608. Display RUN XX M/R Measurements Menu



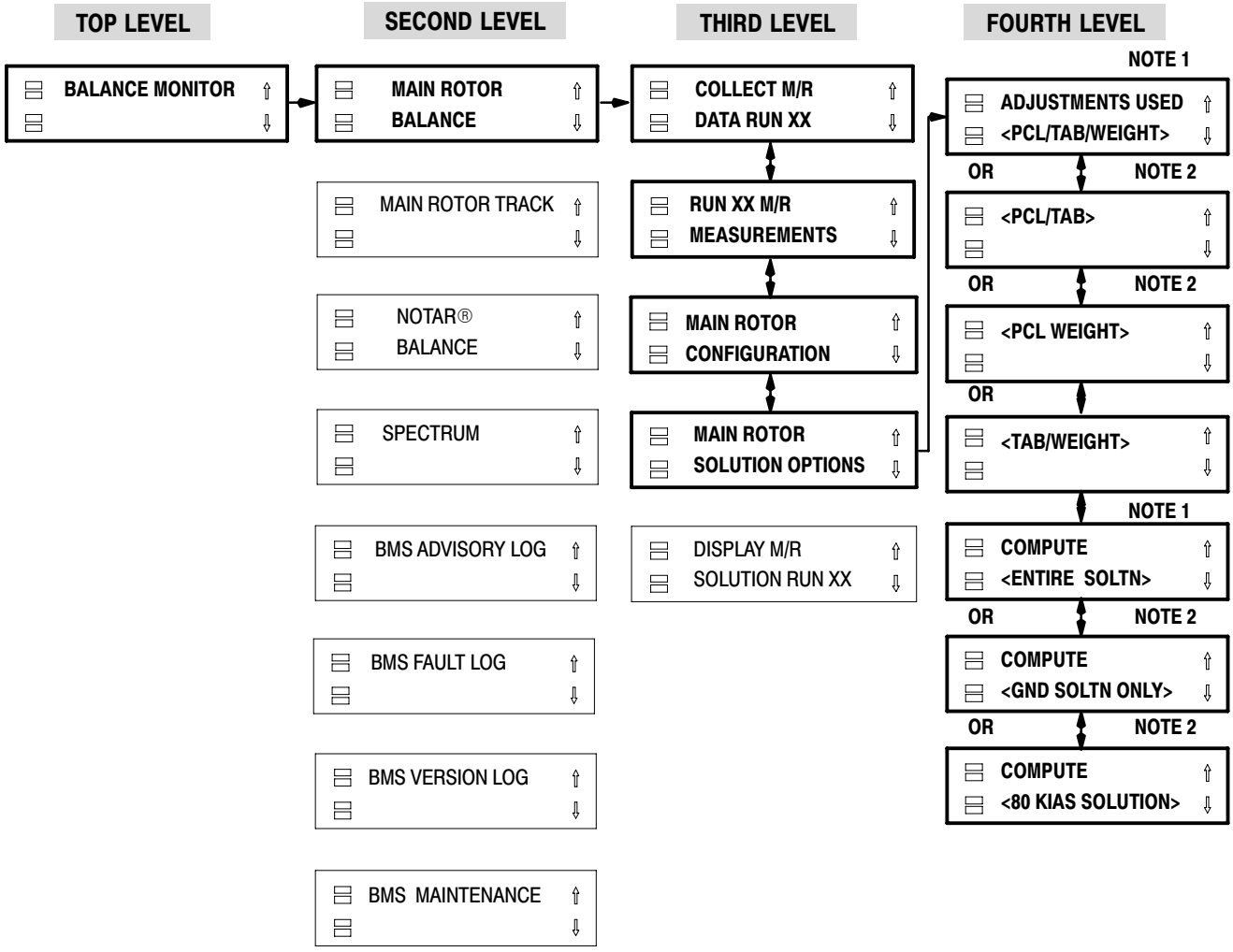
NOTE 1: "ENT" KEY SELECTS DIGITS TO BE EDITED, ↑ AND ↓ KEYS INCREASE/DECREASE DIGIT VALUE, "REC" KEY STORES SELECTED VALUES, "CLR" EXITS OUT OF MENU TO DISPLAY BLANK.

NOTE 2: STEP THROUGH BLADES SEQUENTIALLY

NOTE: TO RETURN TO PREVIOUS HIGHER LEVEL - PRESS (MENU)

9G95–034–2

Figure 609. Main Rotor Configuration Menu



NOTE 1: "ENT" KEY SELECTS FIELD TO BE EDITED,
↓ AND ↑ KEYS CHANGE FIELD SELECTION,
"REC" KEY STORES THE SELECTION, "CLR" EXITS OUT OF MENU TO DISPLAY BLANK.

NOTE 2: OPERATOR OPTIONAL SELECTION

NOTE: TO RETURN TO PREVIOUS HIGHER LEVEL - PRESS (MENU)

9G95–034–3

Figure 610. Main Rotor Solution Options Menu

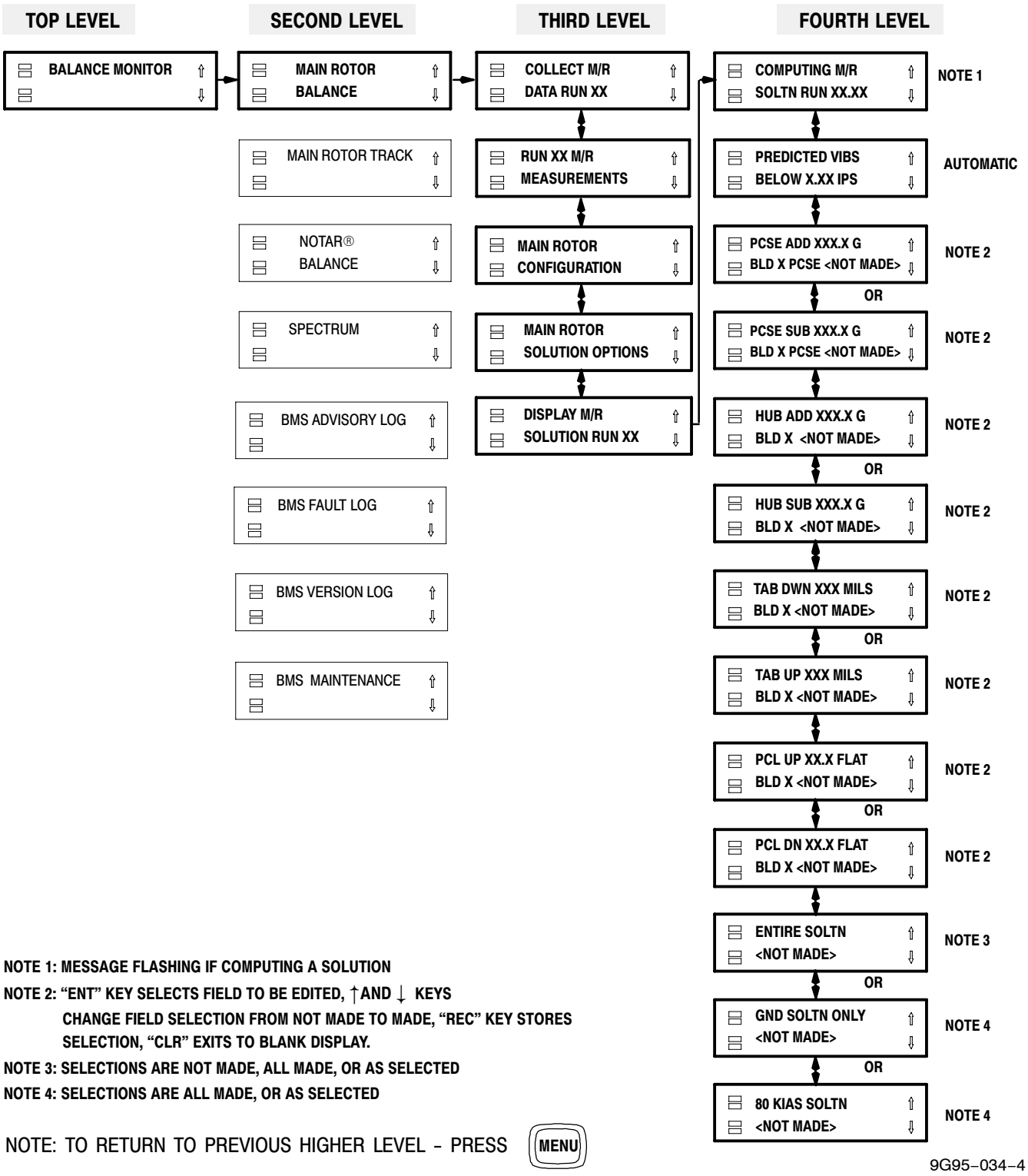


Figure 611. Display M/R Solutions XX Menu

O. Main Rotor Track Menu

(Ref. Figure 612)

NOTE: The main rotor tracking strobe light must be connected to perform the following procedure (Ref. Section 18–00–00 Main Rotor Track Adjustment).

This option provides the maintainer with a means of viewing the main rotor blade track. It provides the selection of two options; **BLD SPREAD <ON>** or **BLD SPREAD <OFF>** (Ref. Editing Action Fields). With **BLD SPREAD ON** selected rotor track will the track will appear as individual targets. With **BLD SPREAD OFF** selected the targets will appear overlapped.

P. NOTAR® Balance Collect Data Menu

(Ref. Figure 613)

This option is selected to perform NOTAR balance. Instructions on the alphanumeric display guide the pilot through the performance of the procedure. Some of the messages are automatic in nature and indicate the IIDS is collecting data. Others prompt the pilot or maintainer to press a key to continue the procedure.

On completion of the procedure the display will indicate **ACQUISITION COMPLETE** for three seconds. The alpha numeric display will then change back to **COLLECT NOTAR DATA**.

Q. Display NOTAR® Measurements Menu

(Ref. Figure 614)

NOTE: These values are based on data stored in the IIDS memory. If the IIDS is moved from one aircraft to another, The information in the IIDS will be invalid for the new aircraft.

This option displays the values obtained by the **NOTAR BALANCE COLLECT DATA** option.

R. NOTAR® Balance Solution Menu

(Ref. Figure 614)

NOTE: These values are based on data stored in the IIDS memory. If the IIDS is moved from one aircraft to another, The information in the IIDS will be invalid for the new aircraft. This data can be edited by maintainers using the key panel (Ref. Editing Action Fields).

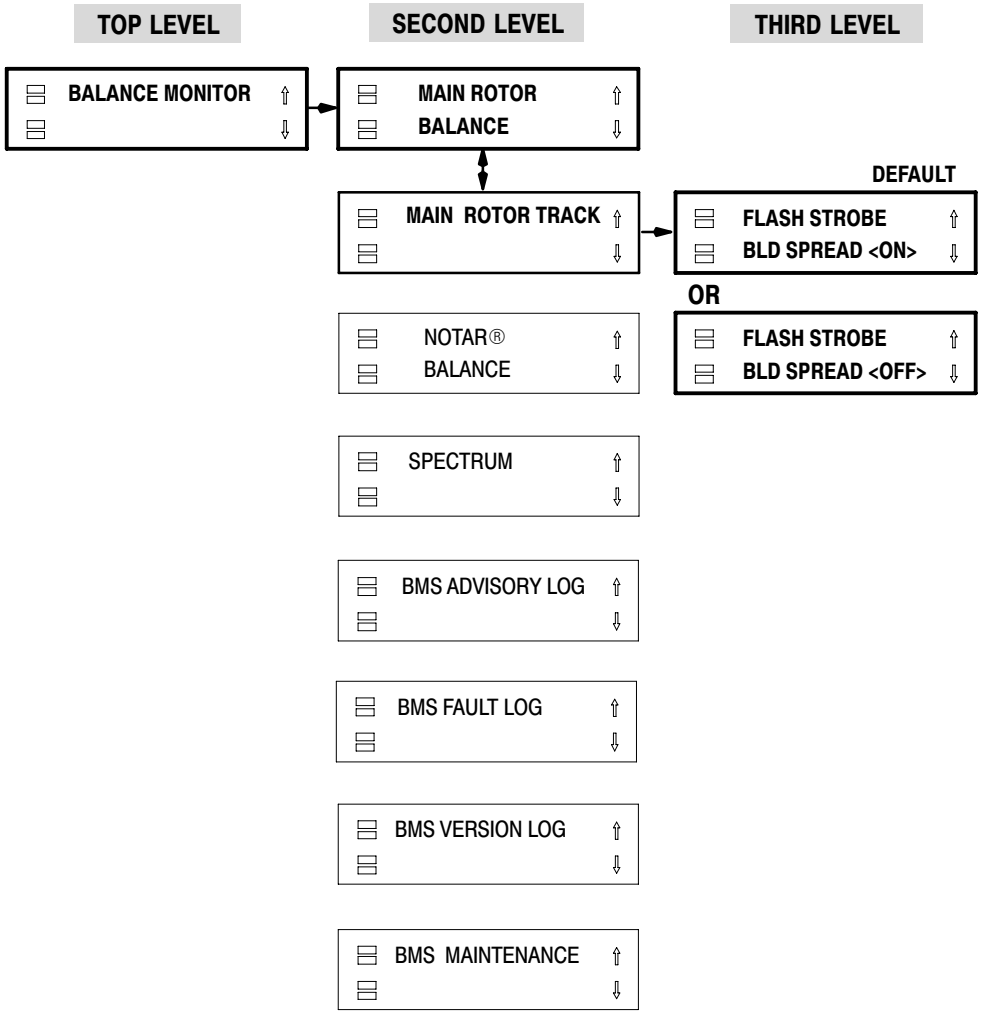
This option provides the correction values needed to correct NOTAR balance. It provides the predicted IPS value for the anti–torque fan if the indicated corrections are made.This function also provide the maintainer with the ability to indicate if the recommended changes were made (Ref. Editing Action Fields). When the change field is updated to **<MADE>** (Ref. Editing Action Fields) the corresponding blade weight configuration is updated automatically in the **NOTAR WEIGHT CONFIGURATION** menu.

S. NOTAR® Balance Weight Configuration Menu

(Ref. Figure 614)

NOTE: These values are based on data stored in the IIDS memory. If the IIDS is moved from one aircraft to another, The information in the IIDS will be invalid for the new aircraft. This data can be edited by maintainers using the key panel (Ref. Editing Action Fields).

This option stores the balance configuration of each of the 13 anti–torque fan blade hub weights. For the BMS to function properly, this information must be initialized for the aircraft the IIDS is installed in. This information is used by the BMS in calculating the correction values provided in the **NOTAR WEIGHT CONFIGURATION** function.



NOTE: TO RETURN TO PREVIOUS HIGHER LEVEL - PRESS MENU

9G95–034–5

Figure 612. Main Rotor Track Menu

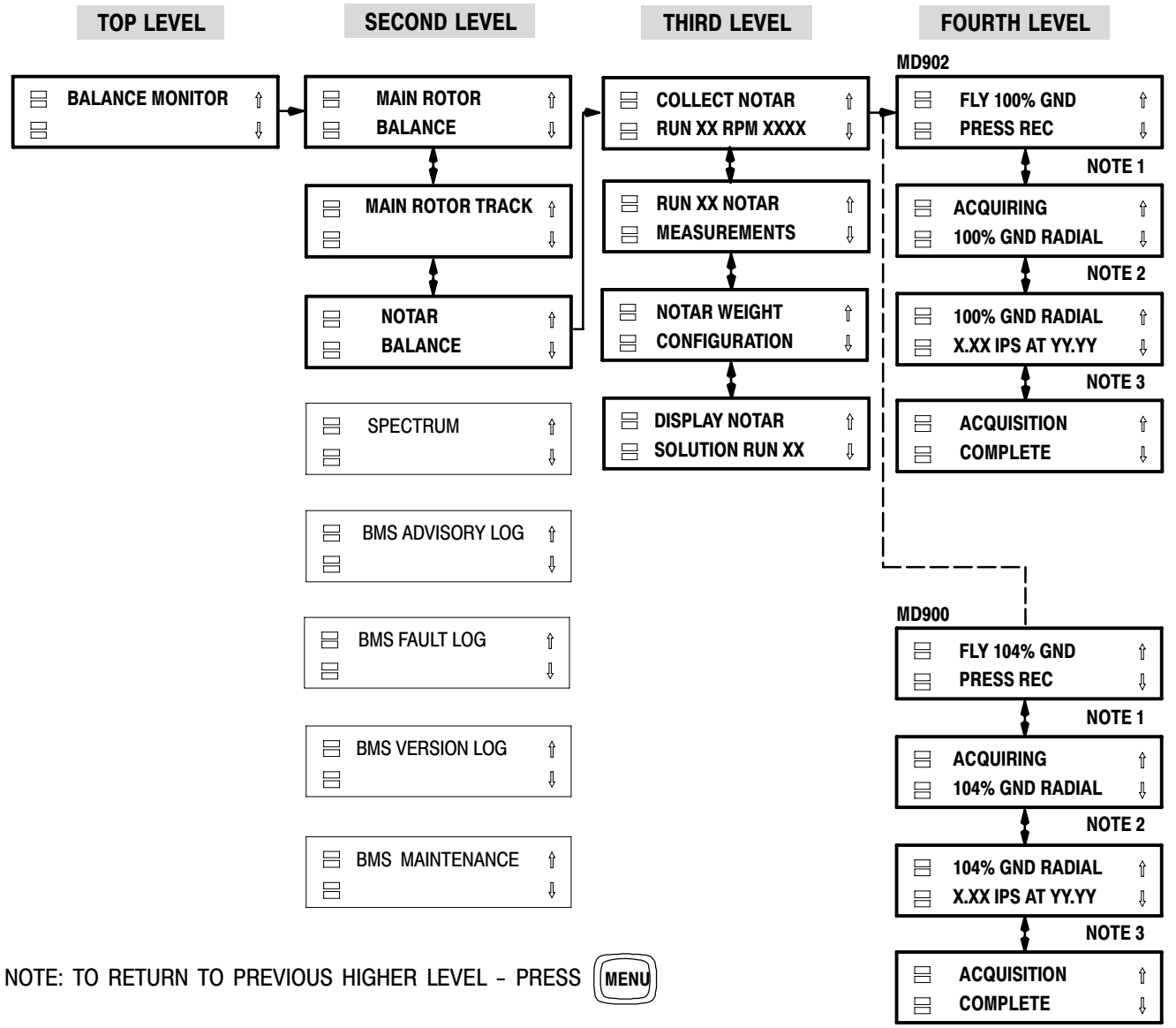
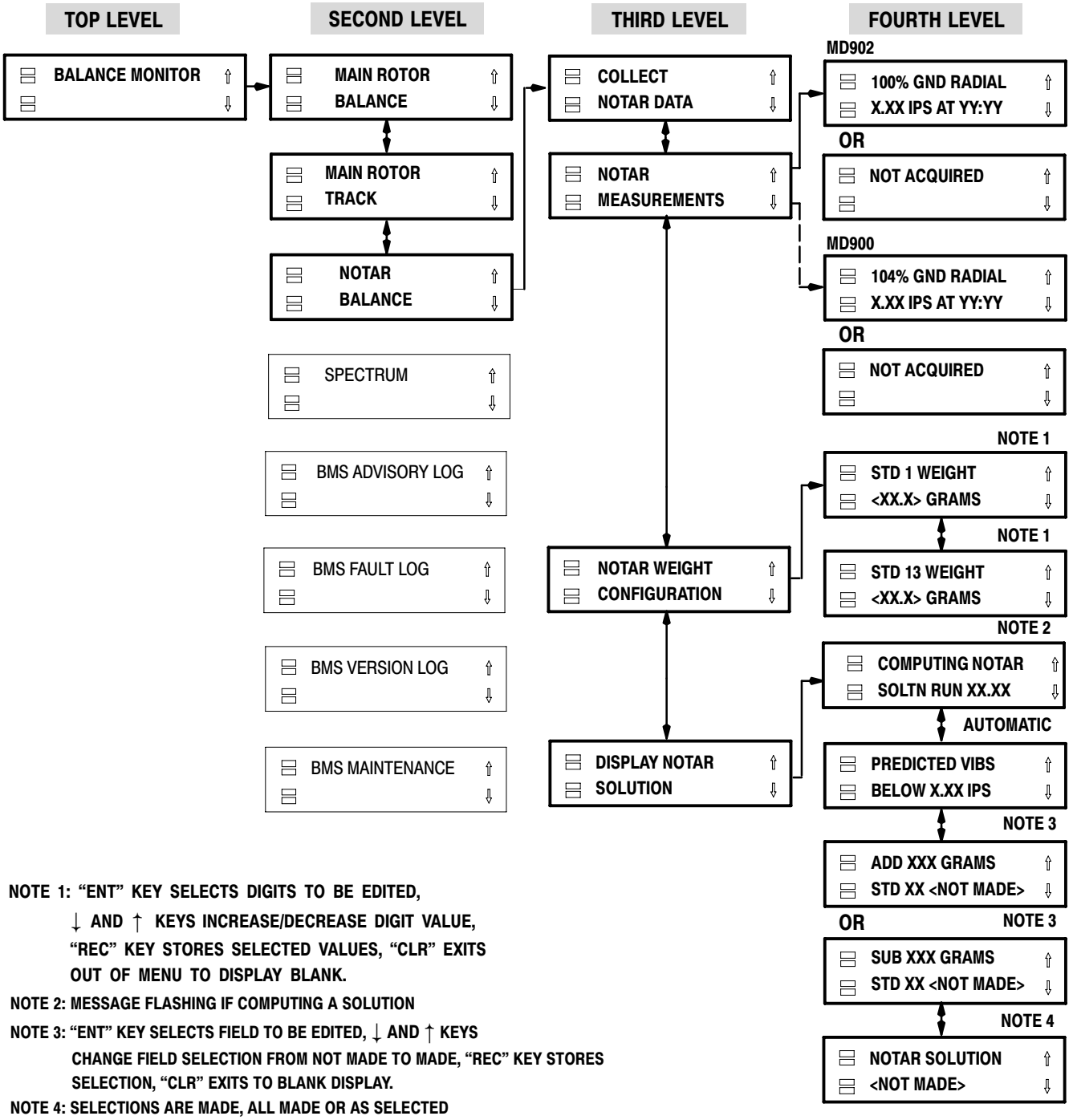


Figure 613. Collect NOTAR® Balance Measurements Menu



NOTE 1: "ENT" KEY SELECTS DIGITS TO BE EDITED, ↓ AND ↑ KEYS INCREASE/DECREASE DIGIT VALUE, "REC" KEY STORES SELECTED VALUES, "CLR" EXITS OUT OF MENU TO DISPLAY BLANK.

NOTE 2: MESSAGE FLASHING IF COMPUTING A SOLUTION

NOTE 3: "ENT" KEY SELECTS FIELD TO BE EDITED, ↓ AND ↑ KEYS CHANGE FIELD SELECTION FROM NOT MADE TO MADE, "REC" KEY STORES SELECTION, "CLR" EXITS TO BLANK DISPLAY.

NOTE 4: SELECTIONS ARE MADE, ALL MADE OR AS SELECTED

NOTE: TO RETURN TO PREVIOUS HIGHER LEVEL - PRESS MENU

9G95–036–1A

Figure 614. Display NOTAR® Measurements / Configuration / Solutions Menus

T. Trend Spectrum (Balance Monitor) Menu

(Ref. Figure 615)

This option provides the maintainer with the ability to capture vibration data for vibration trending analysis.

U. Random Spectrum (Balance Monitor) Menu

(Ref. Figure 615)

This option provides the maintainer with the ability to capture vibration data for vibration diagnostics.

V. BMS Fault Log (Balance Monitor) Menu

(Ref. Figure 616)

NOTE: These values are based on data stored in the IIDS memory. If the IIDS is moved from one aircraft to another, The information in the IIDS will be invalid for the new aircraft. If the maintenance assistance functions of IIDS are to be used, it will be necessary to use the Ground Based Maintenance Computer to configure the the IIDS to the new aircraft (Ref. IIDS Initialization).

This option provides the maintainer access to fault information related to the BMS system faults in the IIDS.

W. BMS Version Log (Balance Monitor) Menu

(Ref. Figure 617)

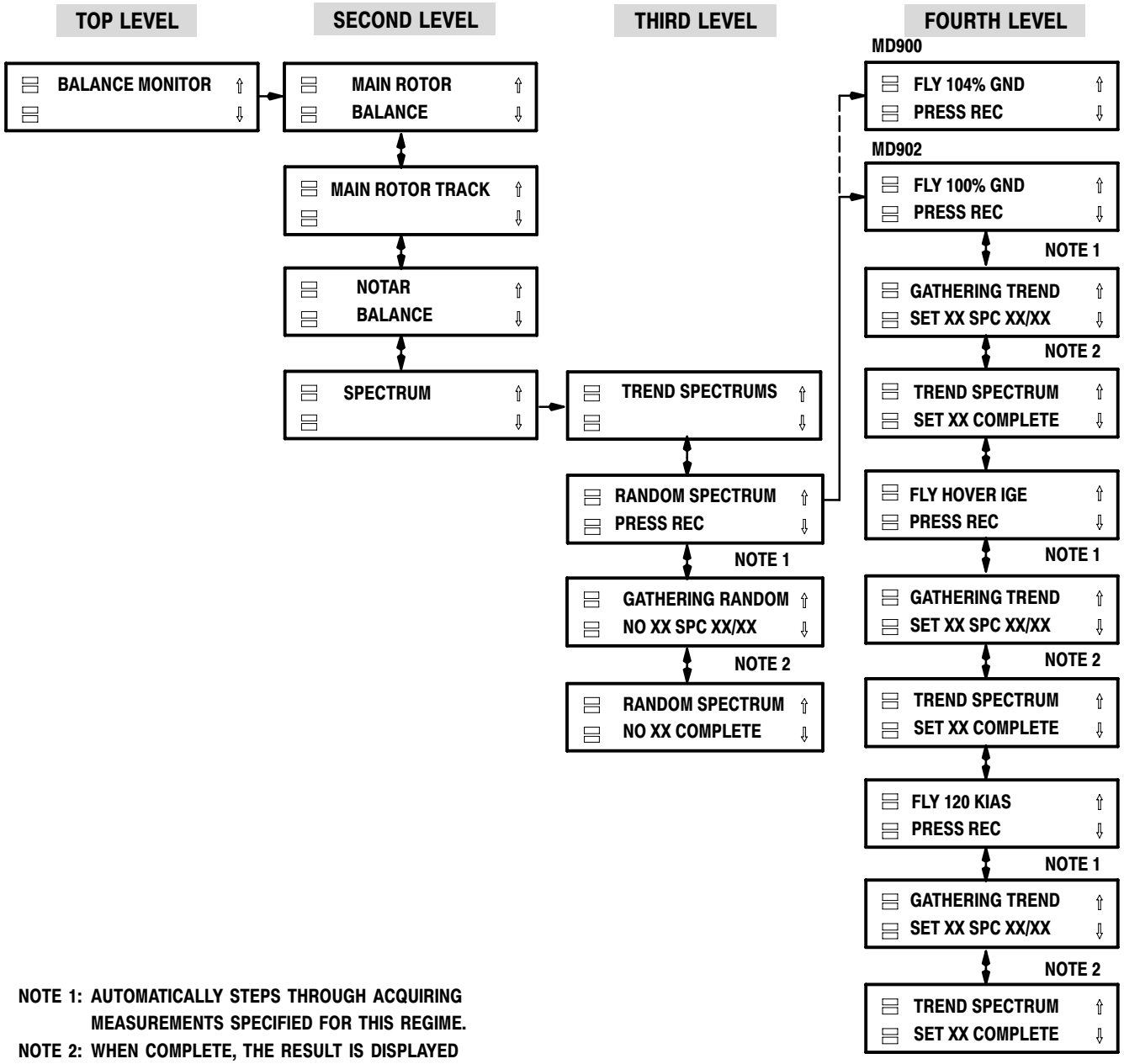
This option provides the maintainer access to information related to the BMS system configuration in the IIDS.

X. BMS Maintenance Menu

(Ref. Figure 618)

This option provides the maintainer with the ability to clear the BMS logs. THese logs can be cleared individually or as a group (by selecting the **CLEAR ALL LOGS** option).

NOTE: To save BMS logs for historical or other records keeping purposes, download these logs from the IIDS using the Ground Based Maintenance Computer (GBMC). Refer to the Ground Based Maintenance Computer User Guide (CSP–900RMM–2 S1) for instructions on downloading BMS logs.



NOTE 1: AUTOMATICALLY STEPS THROUGH ACQUIRING MEASUREMENTS SPECIFIED FOR THIS REGIME.

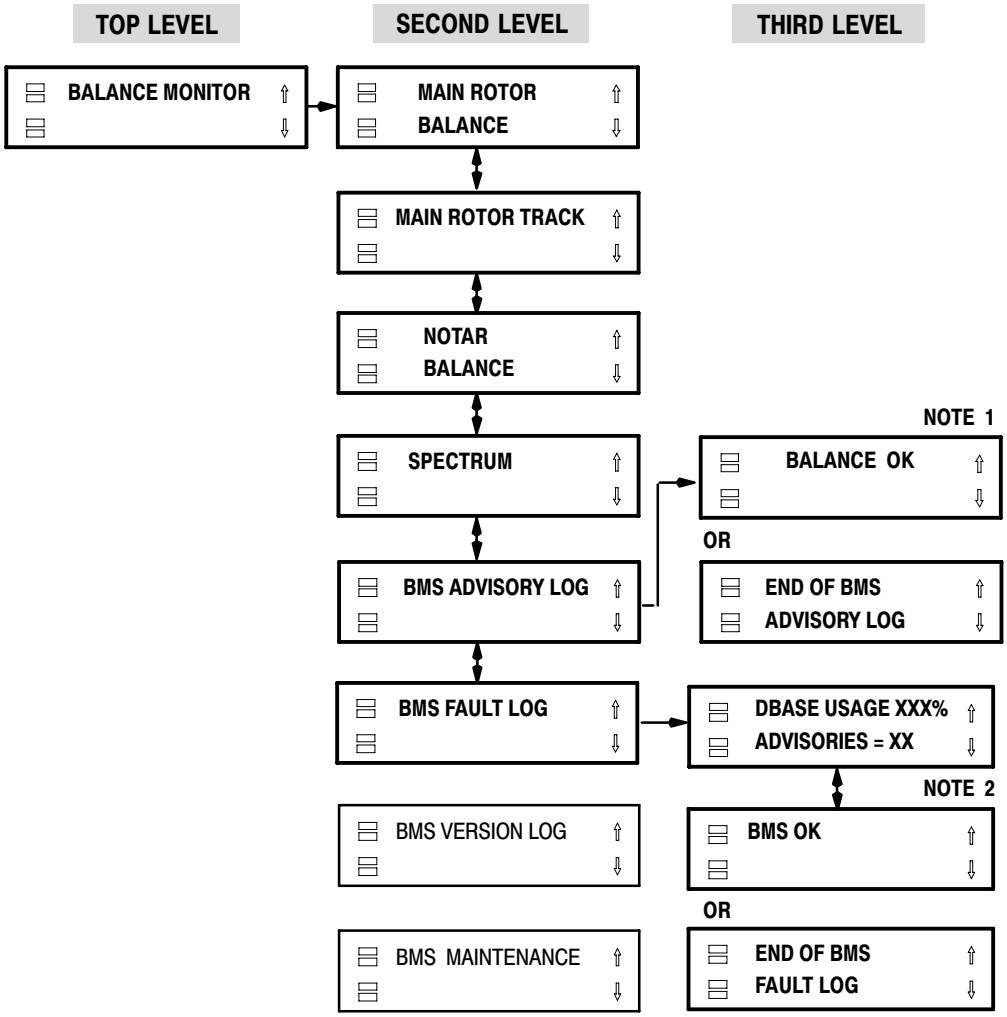
NOTE 2: WHEN COMPLETE, THE RESULT IS DISPLAYED FOR 3 SECONDS AND DISPLAY GOES BACK TO RANDOM SPECTRUM MENU

NOTE 3: WHEN COMPLETE, THE RESULT IS DISPLAYED FOR 3 SECONDS AND THE DISPLAY GOES TO THE NEXT REGIME.

NOTE: TO RETURN TO PREVIOUS HIGHER LEVEL - PRESS MENU

9G95–036–2A

Figure 615. Spectrum Vibration Analysis Menu

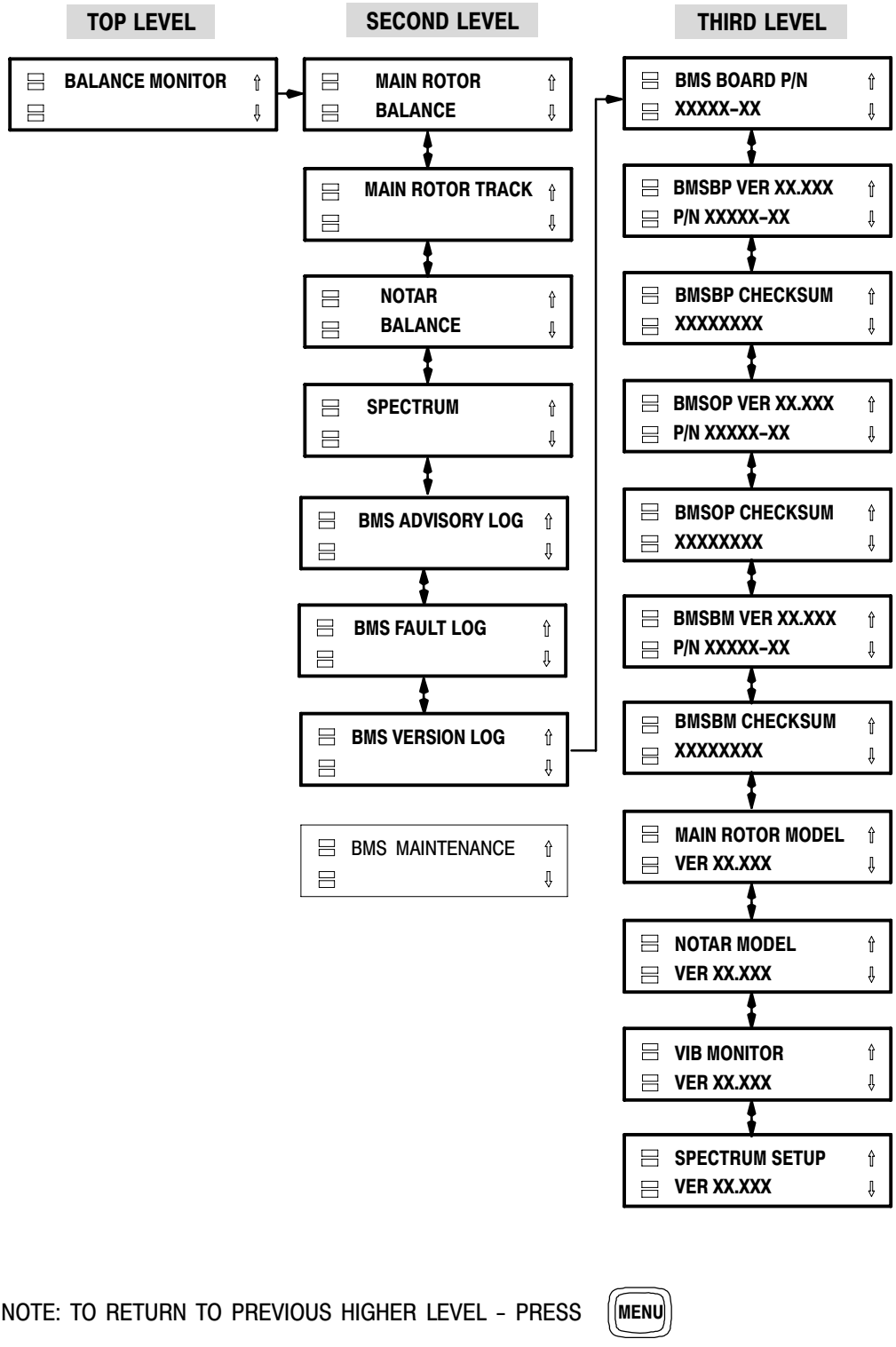


NOTE 1: OR VIBRATION DATA
NOTE 2: OR ERROR MESSAGES

NOTE: TO RETURN TO PREVIOUS HIGHER LEVEL - PRESS MENU

9G95–037–1

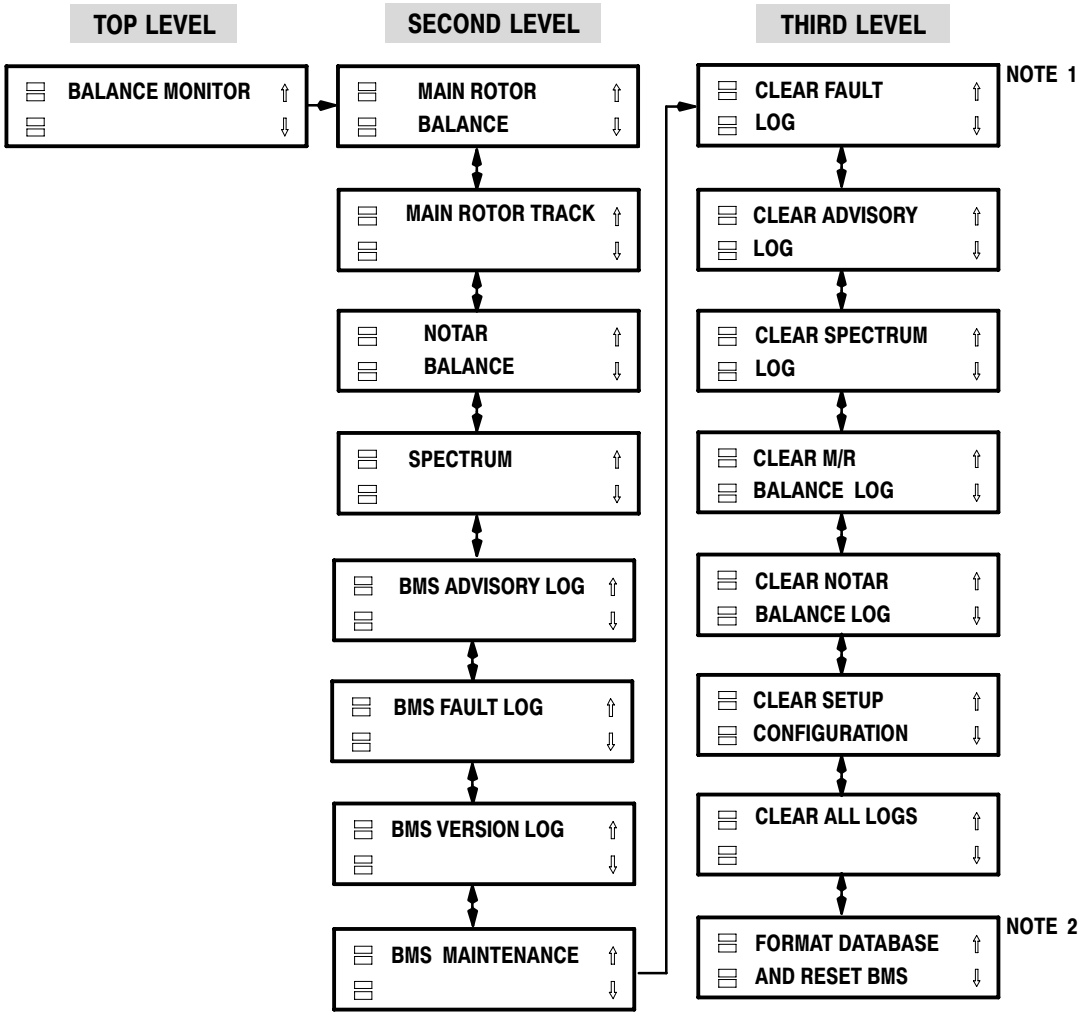
Figure 616. BMS Fault Log Menu



NOTE: TO RETURN TO PREVIOUS HIGHER LEVEL – PRESS MENU

9G95–037–2

Figure 617. BMS Version Log Menu



NOTE 1: FOR ALL "CLEAR" MENU SELECTIONS, PRESS ENT KEY AND A "PRESS TO CLEAR" MESSAGE WILL BE DISPLAYED. PRESS REC KEY TO CLEAR THE LOG AND A "CLEARED OK PRESS ANY KEY" MESSAGE WILL BE DISPLAYED. PRESSING ANY KEY WILL RETURN TO THE "CLEAR LOG MENU".

NOTE 2: PRESS ENT KEY AND A "PRESS TO FORMAT AND RESET" MESSAGE WILL BE DISPLAYED. PRESS REC KEY TO FORMAT THE DATA BASE AND A "DBASE FORMATTED INITIALIZING BMS" MESSAGE WILL BE DISPLAYED. PRESSING ANY KEY WILL RETURN TO THE "CLEAR LOG" MENU AFTER 30 SECONDS

NOTE: TO RETURN TO PREVIOUS HIGHER LEVEL - PRESS (MENU)

9G95–066

Figure 618. BMS Maintenance Menu

Y. Exceedance Log Menu

(Ref. Figure 619)

NOTE: These values are based on data stored in the IIDS memory. If the IIDS is moved from one aircraft to another, The information in the IIDS will be invalid for the new aircraft. If the maintenance assistance functions of IIDS are to be used, it will be necessary to use the Ground Based Maintenance Computer to configure the the IIDS to the new aircraft (Ref. IIDS Initialization).

This option provides the pilot or maintainer with log information related to a parameter exceedance detected by the IIDS monitoring system. Log data is displayed in numbered sequence. The first log displayed is the last log generated and can be scrolled up or down using ↑ or ↓ the keys to view the other logs.

Z. Trend Log Menu

(Ref. Figure 620)

NOTE: These values are based on data stored in the IIDS memory. If the IIDS is moved from one aircraft to another, The information in the IIDS will be invalid for the new aircraft. If the maintenance assistance functions of IIDS are to be used, it will be necessary to use the Ground Based Maintenance Computer to configure the the IIDS to the new aircraft (Ref. IIDS Initialization).

This option provides the pilot or maintainer with log information related to engine performance trends recorded by the IIDS monitoring system. Log data is displayed in numbered sequence. The first log displayed is the last log generated and can be scrolled up or down using ↑ or ↓ the keys to view the other logs.

AA. Fault Log Menu

(Ref. Figure 621)

NOTE: These values are based on data stored in the IIDS memory. If the IIDS is moved from one aircraft to another, The information in the IIDS will be invalid for the new aircraft. If the maintenance assistance functions of IIDS are to be used, it will be necessary to use the Ground Based Maintenance Computer to configure the the IIDS to the new aircraft (Ref. IIDS Initialization).

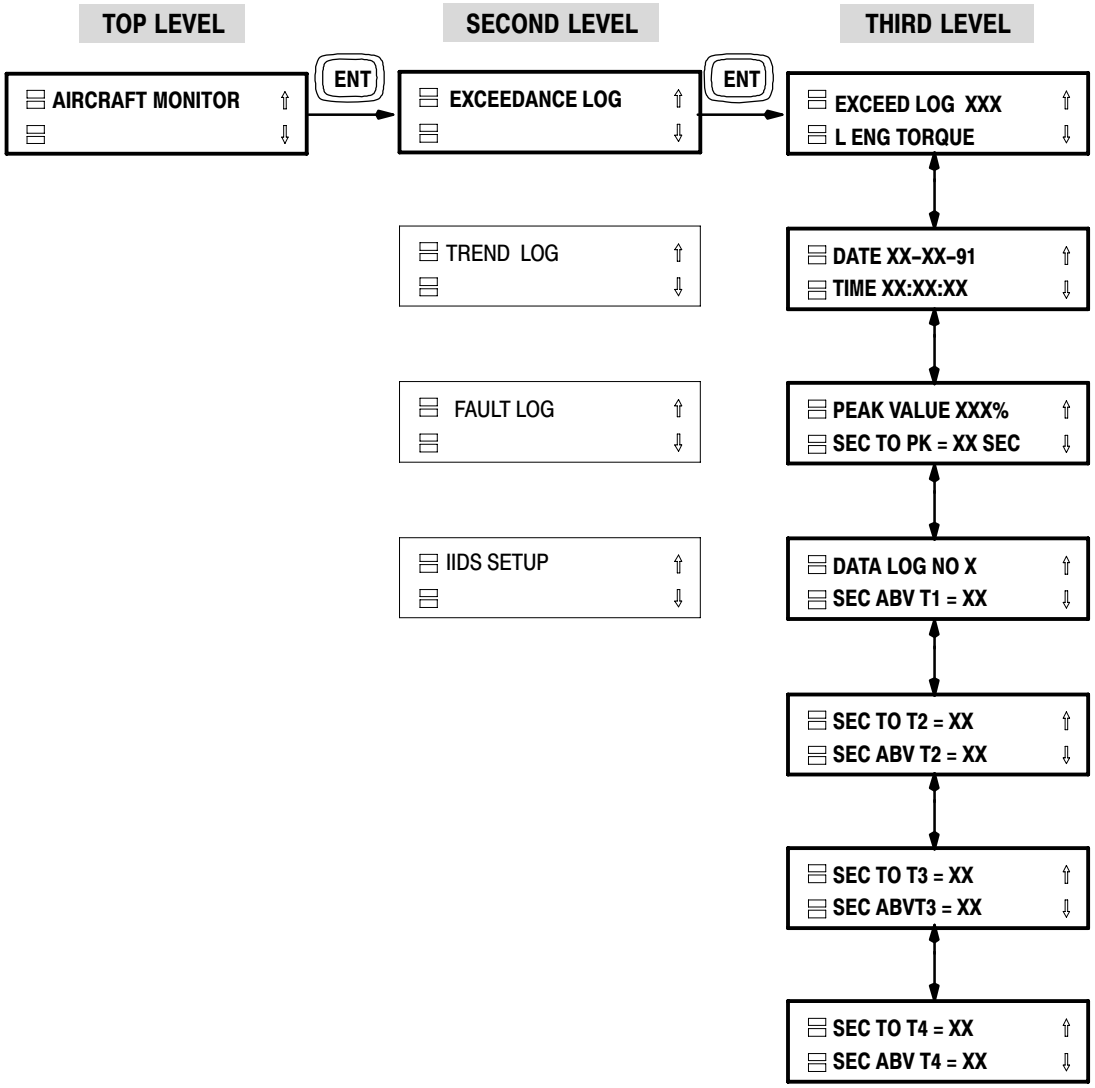
This option provides the pilot or maintainer with log information related to IIDS detected faults. Log data is displayed in numbered sequence. The first log displayed is the last log generated and can be scrolled up or down using ↑ or ↓ the keys to view the other logs. This information should be recorded in the aircraft Fault Reporting Log.

AB. IIDS Setup menu

(Ref. Figure 622)

NOTE: These values are based on data stored in the IIDS memory. If the IIDS is moved from one aircraft to another, The information in the IIDS will be invalid for the new aircraft. If the maintenance assistance functions of IIDS are to be used, it will be necessary to use the Ground Based Maintenance Computer to configure the the IIDS to the new aircraft (Ref. IIDS Initialization).

This option allows the pilot or maintainer to view the IIDS setup data. This data can only be changed using a Ground Based Maintenance Computer Ground Based Maintenance Computer (GBMC) Refer to the Ground Based Maintenance Computer User Guide (CSP–900RMM–2 S1) for instructions.

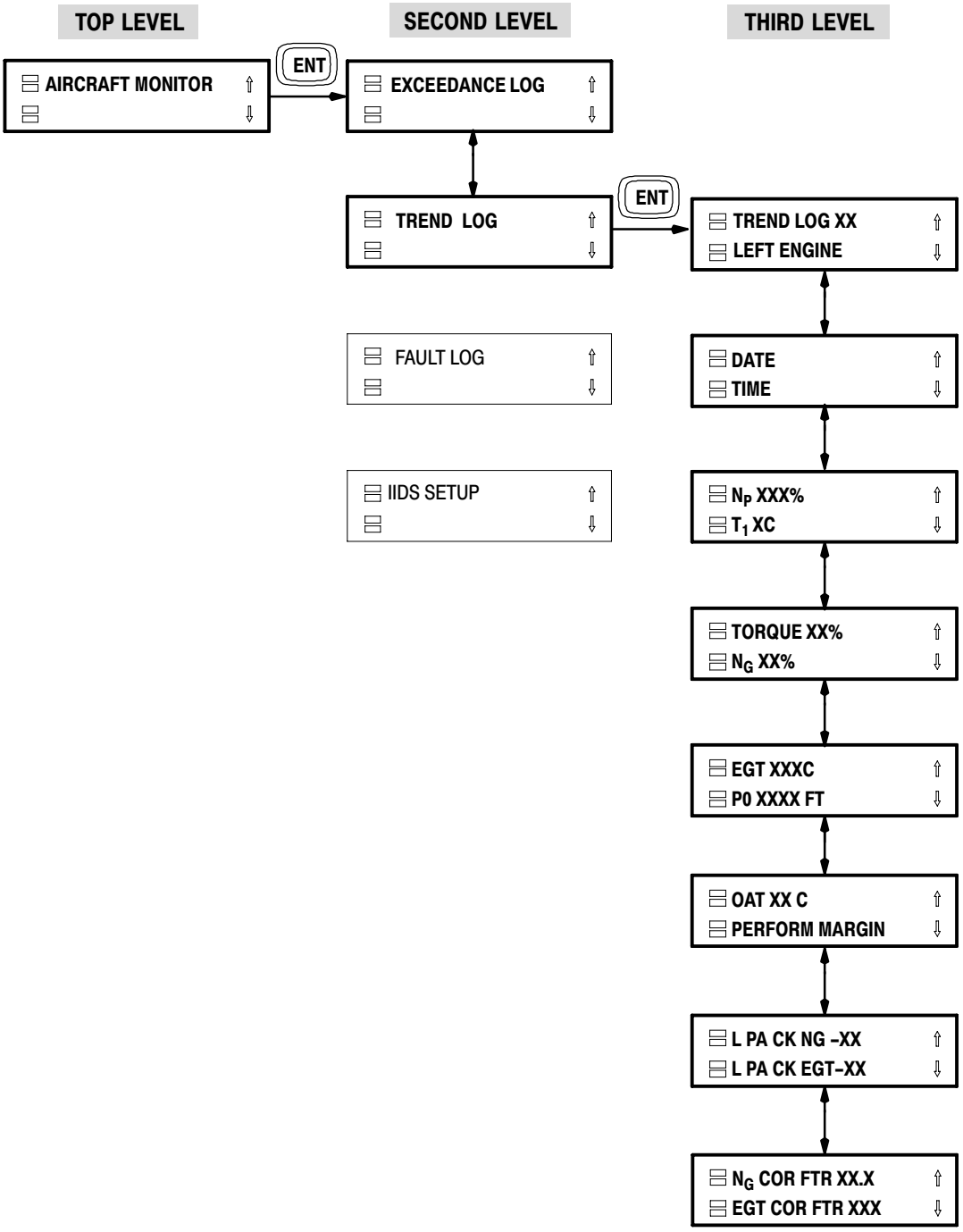


THE EXCEEDANCE LOG PROVIDES A "SNAPSHOT" RECORD OF THE PARAMETER DATA AT A PARTICULAR MOMENT IN TIME. THIS TYPE OF RECORD OCCURS WHENEVER A PARAMETER EXCEEDANCE IS DETECTED.

NOTE: PRESSING THE (MENU) BUTTON WILL TAKE YOU TO THE PREVIOUS HIGHEST MENU LEVEL.

9G95–038

Figure 619. IIDS Exceedance Log Menu



NOTE: PRESSING THE (MENU) BUTTON WILL TAKE YOU TO THE PREVIOUS HIGHEST MENU LEVEL.

9G95–039

Figure 620. Aircraft Trend Log Menu

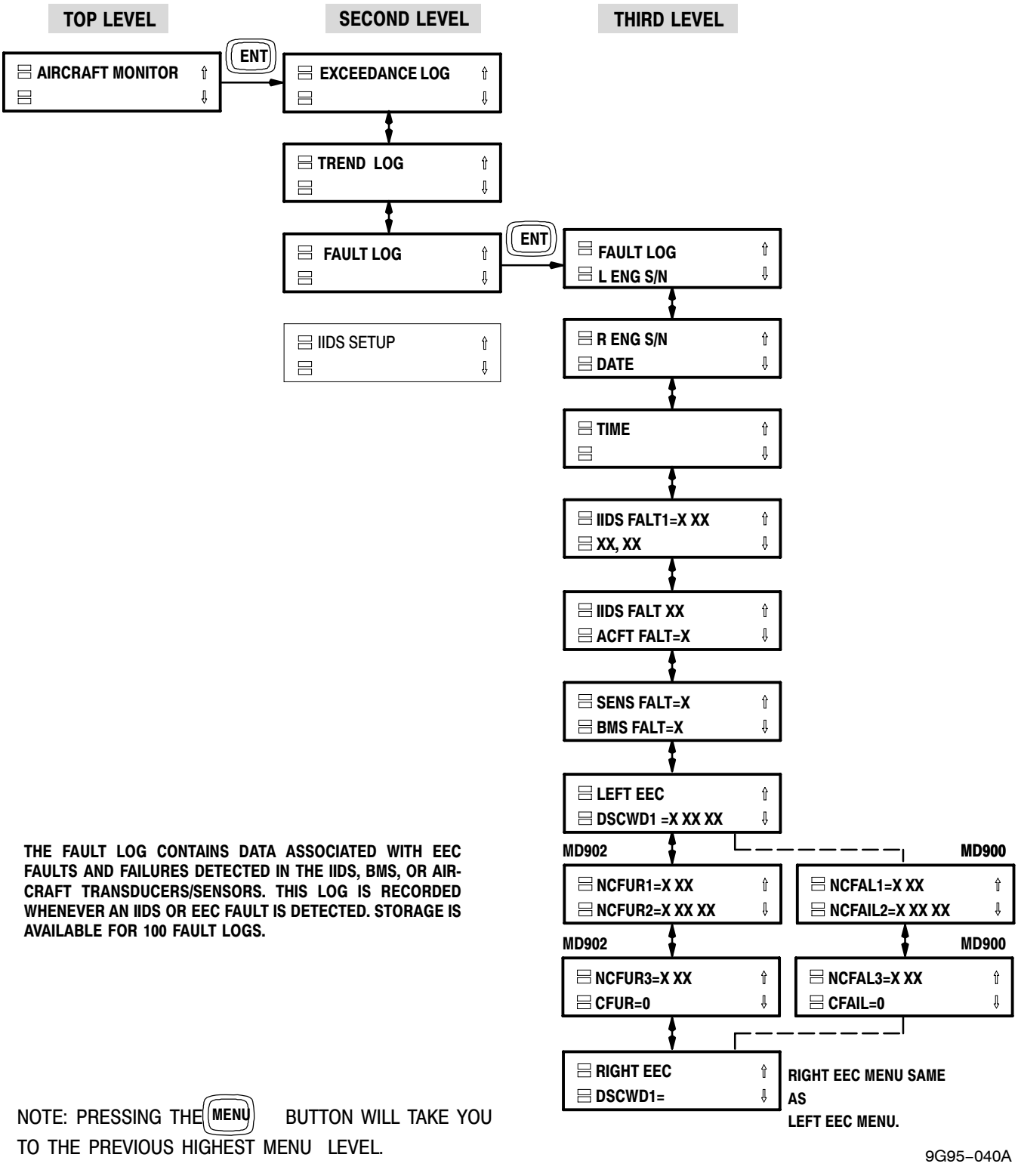
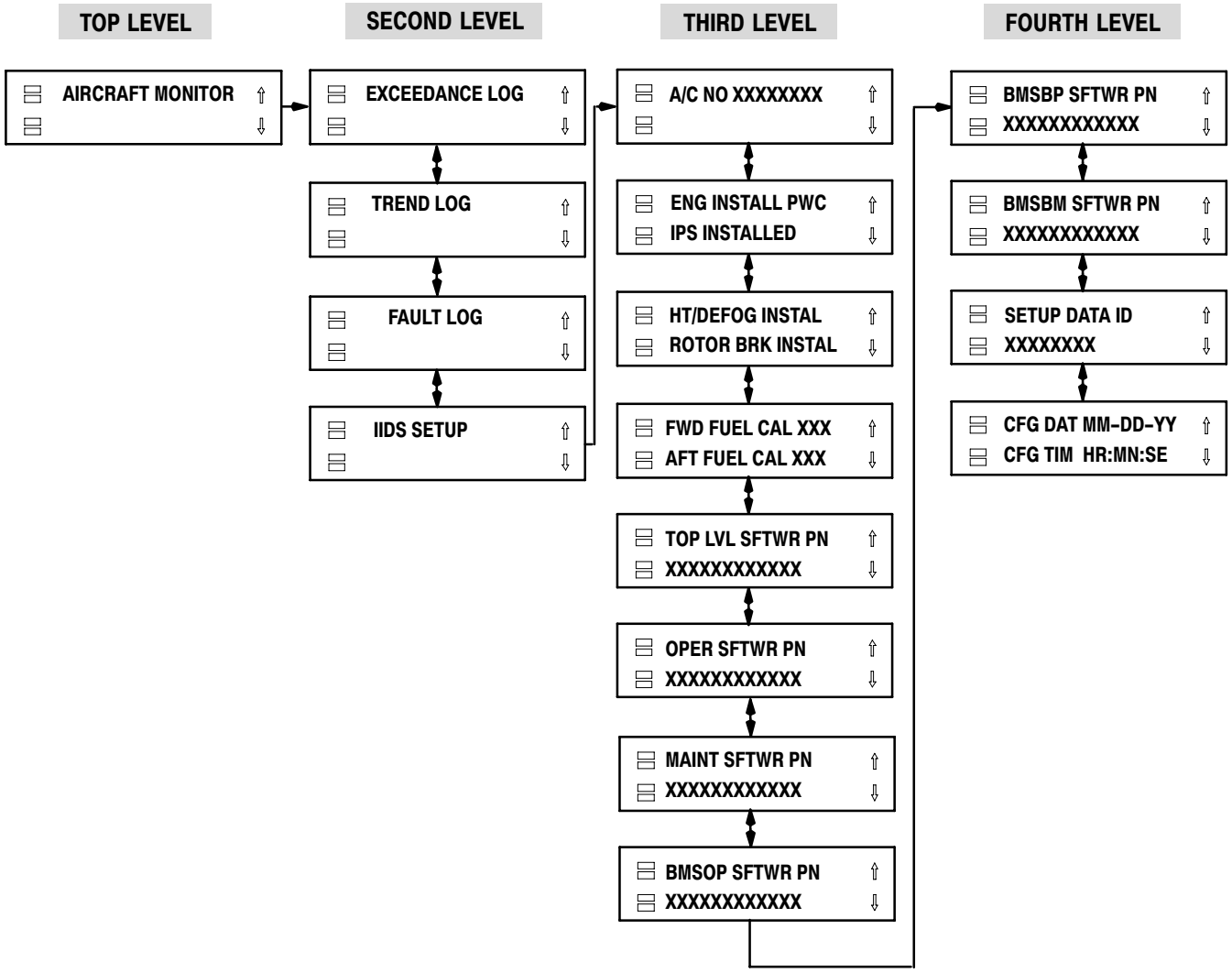


Figure 621. Aircraft Fault Log Menu



NOTE: TO RETURN TO PREVIOUS HIGHER LEVEL - PRESS MENU

9G95–041

Figure 622. IIDS Setup Menu

AC. Set Calibration Codes Menu (Fuel Calibration)

(Ref. Figure 623)

WARNING **If a different IIDS is being installed than the one removed, Fuel Calibration Codes must be entered into the new/replacement IIDS (Ref. IIDS Initialization procedure).**

This option provides maintainers with a method of entering the correct fuel calibration codes for the aircraft. This procedure must be performed any time the IIDS is replaced (Ref. IIDS Initialization). The maintainer edits the values for **FWD FUEL CAL XXX** and **AFT FUEL CAL XXX** action fields (Ref. Editing Action Fields).

AD. Do Calibration Menu

(Ref. Figure 623)

This option allows maintainers to perform a fuel system calibration to obtain fuel calibration codes. This procedure is performed if the fuel cell or a forward or aft fuel quantity probe is replaced. This procedure is performed using instructions in Section 28–00–00.

AE. Set Engine Parameters Menu

(Ref. Figure 624)

NOTE: These values are based on data stored in the IIDS memory. If the IIDS is moved from one aircraft to another, The information in the IIDS will be invalid for the new aircraft. These values are required as part of the Basic IIDS Initialization procedure (Ref. IIDS Initialization).

This option allows maintainers to enter correction factors for N_G and EGT parameters for both left and right engines (Ref. Editing Action Fields). These factors must be entered to allow the Power Assurance Check – Automated function to correctly calculate engine power margins.

AF. Hook Zero Weight Display

(Ref. Figure 624)

This option provides a continuous display of lift loads on the hook.

AG. Set Cargo Hook (Load Cell) Calibration Code Menu

(Ref. Figure 624)

NOTE:

- If there is no cargo hook installed, enter calibration code of 6667.
- This value is based on data stored in the IIDS memory. If the IIDS is moved from one aircraft to another, the information in the IIDS will be invalid for the new aircraft. This value is required as part of the Basic IIDS Initialization procedure (Ref. IIDS Initialization).
- This option provides the maintainer with the ability to "Zero" the **HOOK WT XXXX LBS** display for different types of cargo hook installations. The **ENT** key must be pressed for two seconds to initiate this function.
- The **SET CALIB CODE** function allows the maintainer to enter the correction factor (on the cargo hook data plate) to provide correct **HOOK WT XXXX LBS** display (Ref. Edit Action Fields).

(1). Locate the Load Cell Calibration Code on the cargo hook data plate. The four digit calibration code should range from 5333 to 6667 max.

(2). Restore power to aircraft (Ref. Section 96–00–00).

(3). Enter the Load Cell Calibration Code.

(a). Press the **MENU** key once. Use the down arrow key to select **HOOK WT XXXX LBS.**

(b). Press the **ENT** key once. Press the down arrow key to select **SET CALIB CODE XXXX**.

(c). Press the **ENT** key once. The first number will blink.

(d). Use the up or down arrow key to increase or decrease the value of the number. Press the **ENT** key to move to the next number.

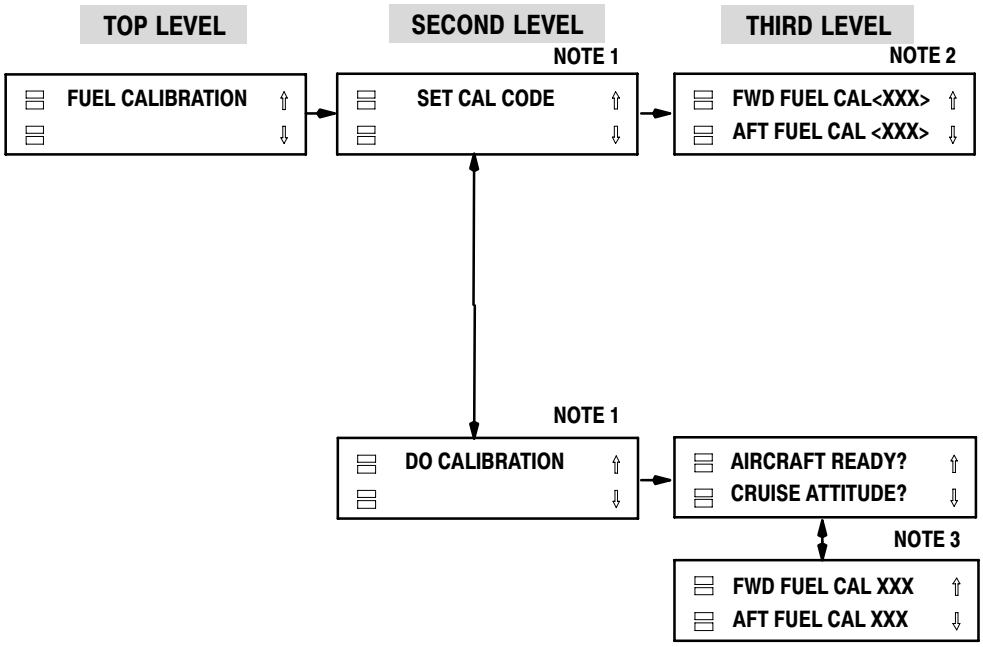
NOTE: Repeat step (3).(d). until all values have been entered. The 4 digit load cell calibration code should range from 5333 to 6667 max.

(e). Press the **REC** key to store the values into the IIDS memory.

7. IIDS Setup Data

Instructions are provided in the Ground Based Maintenance Computer (GBMC) User Guide for uploading and downloading logs and to enter IIDS setup parameters (Ref. CSP–900RMM–2–S1, CSP–900RMM–2–S2, or CSP–900RMM–2–S3 User Guides and IIDS Interface Cable P/N 900G8930003–101).

NOTE: The necessary parameters for engine, fuel, cargo hook and other setup data required to operate the aircraft can be entered into the IIDS using procedures described in IIDS Initialization. Information regarding cycle counts, faults and exceedance conditions shall be recorded on the appropriate log sheets.



NOTE 1: PRESS "ENT" FOR MORE THAN 4 SECONDS TO ENTER FUNCTION, THIRD LEVEL MENU APPEARS.

NOTE 2: "ENT" SELECTS DIGITS TO BE EDITED, AND KEYS CHANGE SELECTED DIGITS, "REC" KEY STORES SELECTION, "CLR" EXITS TO BLANK DISPLAY.

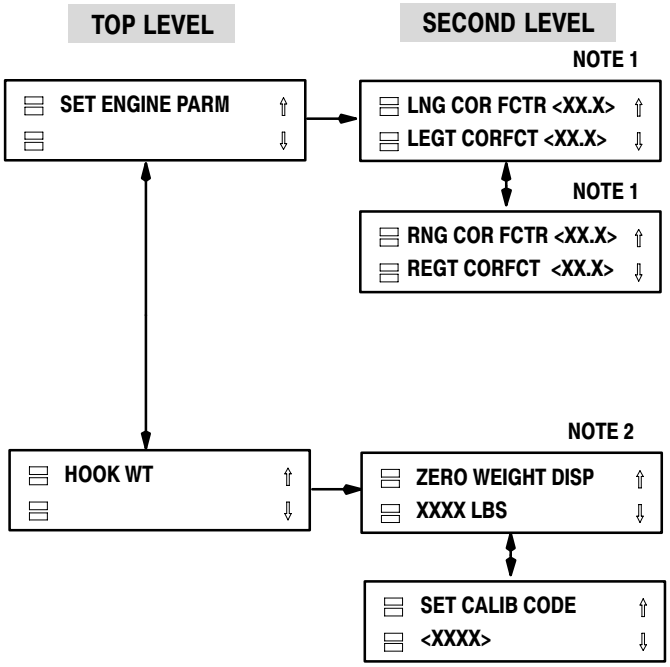
NOTE 3: PRESS "ENT" FOR MORE THAN 4 SECONDS COMMANDS CALIBRATION. IIDS WITH CAL CODES AFTER CALIBRATION COMPLETE. "REC" CHANGES CODE TO CALCULATED VALUE. PRESS "MENU" TWICE TO RETURN TO TOP LEVEL

NOTE: TO RETURN TO PREVIOUS HIGHER LEVEL - PRESS MENU

NOTE: TO MOVE HORIZONTALLY (→) TO THE NEXT LOWER LEVEL - PRESS ENT

9G95–042

Figure 623. Fuel Calibration Menu



NOTE 1: "ENT" SELECTS DIGITS TO BE EDITED, ↑ AND ↓ KEYS CHANGE SELECTED DIGITS, "REC" KEY STORES SELECTION, "CLR" EXITS TO BLANK DISPLAY.

NOTE 2: PRESS"ENT" FOR MORE THAN 2 SECONDS TAKES A TARE READING. "ENT" SELECTS DIGITS TO BE EDITED, ↑ AND ↓ KEYS CHANGE SE.LECTED DIGITS, "REC" KEYS STORES SELECTION

NOTE: TO RETURN TO PREVIOUS HIGHER LEVEL - PRESS MENU

9G95-043-1A

Figure 624. Set Engine Parameters/Hook Weight Menus

8. Sensor Test

This test procedure has fault isolation procedures to isolate the fault that caused **SENSFALT=15** to show. This fault can result from one or more defective sensors, a defective IIDS, or defective wiring. Do each test and corrective action until **SENSFALT=15** no longer displays on IIDS. Contact field service representative if fault isolation procedures are completed and **SENSFALT=15** still occurs.

A. Engine Oil Pressure Sensor Test

Special Tools (Ref. CSP–SPM)

Item	Nomenclature
T1001	Analog Multimeter, Portable

NOTE: Test is typical for both left and right engine sensors.

(1). Do the pressure sensor test.

(a). If sensor resistance is out of limit, replace sensor (Ref. CSP–RMM–2, Section 79–00–00).

B. Engine Oil Temperature Sensor Test

Special Tools (Ref. CSP–SPM)

Item	Nomenclature
T1001	Analog Multimeter, Portable

NOTE: Test is typical for both left and right engine sensors.

(1). Do the standard temperature sensor test.

(a). If sensor resistance is out of limit, replace sensor (Ref. CSP–RMM–2, Section 79–00–00).

(2). Disconnect electrical connector **P404** from engine oil temperature sensor.

(3). Put a **100 ohm** resistor between pins A and B of **P404**.

(4). **900 CONFIG -** Make sure **IIDS** circuit breaker of **ESSENTIAL BUS** on essential bus circuit breaker panel is in.

(5). **902 CONFIG -** Make sure **IIDS** circuit breaker of **R ESS BUS** on essential bus circuit breaker panel is in.

(6). Apply external electrical power to helicopter (Ref. Section 96–00–00).

High Voltage

(7). Do a test for **51.6-57.0 mVdc** between pins A and B of **P404**, use analog multimeter (T1001) (Ref. CSP–SPM). If voltage is not in limit, IIDS is defective.

Power Off

(8). Make sure all electrical power is disconnected from helicopter (Ref. Section 96–00–00).

(9). Move resistor to between pins A and C of **P404**.

(10). Apply external electrical power to helicopter (Ref. Section 96–00–00).

High Voltage

(11). Do a test for **51.6-57.0 mVdc** between pins A and C of **P404**, use analog multimeter (T1001) (Ref. CSP–SPM).

Power Off

(12). Make sure all electrical power is disconnected from helicopter (Ref. Section 96–00–00).

(13). Remove resistor from **P404**.

(14). If voltage is not in limit, do a test for an open circuit condition between IIDS and engine oil temperature sensor (Ref. Section 98–40–00 and CSP–SPM).

(a). If there is an open circuit condition, repair wiring (Ref. Section 98–40–00 and CSP–SPM).

(b). If there is no open circuit condition, do a test for a short circuit condition (Ref. Section 98–40–00 and CSP–SPM).

(c). If there is a short circuit condition, repair wiring (Ref. Section 98–40–00 and CSP–SPM).

(d). If there is no open or short circuit condition, replace IIDS.

(15). Connect electrical connector **P404** to engine oil temperature sensor.

C. Transmission Oil Pressure Sensor Test

Special Tools (Ref. CSP–SPM)

Item	Nomenclature
T1001	Analog Multimeter, Portable

(1). Do the pressure sensor test.

(a). If sensor resistance is out of limit, replace sensor (Ref. CSP–RMM–2, Section 63–20–00).

D. Transmission Oil Temperature Sensor Test

Special Tools (Ref. CSP–SPM)

Item	Nomenclature
T1001	Analog Multimeter, Portable

(1). Do the standard temperature sensor test.

(a). If sensor sensor resistance is out of limit, replace sensor (Ref. CSP–RMM–2, Section 63–20–00).

(2). Disconnect electrical connector **P412** from transmission oil temperature sensor.

(3). Put a **100 ohm** resistor between pins A and B of **P412**.

(4). **900 CONFIG -** Make sure **IIDS** circuit breaker of **ESSENTIAL BUS** on essential bus circuit breaker panel is in.

(5). **902 CONFIG -** Make sure **IIDS** circuit breaker of **R ESS BUS** on essential bus circuit breaker panel is in.

(6). Apply external electrical power to helicopter (Ref. Section 96–00–00).

High Voltage

(7). Do a test for **51.6-57.0 mVdc** between pins A and B, and A and C of **P412**, use analog multimeter (T1001) (Ref. CSP–SPM).

Power Off

(8). Make sure all electrical power is disconnected from helicopter (Ref. Section 96–00–00).

(9). Remove resistor from **P412**.

(10). If voltage is not in limit, do a test for an open circuit condition between IIDS and transmission oil temperature sensor (Ref. Section 98–40–00 and CSP–SPM).

(a). If there is an open circuit condition, repair wiring (Ref. Section 98–40–00 and CSP–SPM).

(b). If there is no open circuit condition, do a test for a short circuit condition (Ref. Section 98–40–00 and CSP–SPM).

(c). If there is a short circuit condition, repair wiring (Ref. Section 98–40–00 and CSP–SPM).

(d). If there is no open or short circuit condition, replace IIDS.

(11). Connect electrical connector **P412** to transmission oil temperature sensor.

E. Hydraulic Oil Pressure Sensor Test

Special Tools (Ref. CSP–SPM)	
Item	Nomenclature
T1001	Analog Multimeter, Portable

NOTE: Test is typical for both left and right hydraulic manifold sensors.

(1). Do the pressure sensor test.

(a). If sensor resistance is out of limit, replace sensor (Ref. CSP–RMM–2, Section 29–00–00).

F. Cargo Hook Load Sensor Test

Special Tools (Ref. CSP–SPM)	
Item	Nomenclature
T1001	Analog Multimeter, Portable

There are three different cargo hook load sensor test procedures.

(1). Do a test for an open condition between IIDS and cargo hook, or IIDS and shorting plug (Ref. Section 98–40–00 and CSP–SPM).

(a). If there is an open circuit condition, repair wiring (Ref. Section 98–40–00 and CSP–SPM).

(b). If there is no open circuit condition, do a test for a short circuit condition (Ref. Section 98–40–00 and CSP–SPM).

(c). If there is a short circuit condition, repair wiring (Ref. Section 98–40–00 and CSP–SPM).

(2). **Cargo Hook installed -** Helicopter has cargo hook option and cargo hook is installed.

(a). Disconnect electrical connector **P1** from **J505**.

(b). Put a **350 ohm** resistor between pins A and B of **J505**.

(c). **900 CONFIG -** Make sure **CRGO HOOK** circuit breaker of **LEFT GENERATOR BUS** on electrical load center is in.

(d). **902 CONFIG -** Make sure **CARGO HOOK** circuit breaker of **BATTERY BUS** on electrical load center is in.

(e). Apply external electrical power to helicopter (Ref. Section 96–00–00).

High Voltage

(f). Do a test for **7.13 - 7.87 Vdc** between pins A and B of **J505**, use analog multimeter (T1001) (Ref. CSP–SPM). If voltage is not in limit, IIDS is defective.

Power Off

(g). Make sure all electrical power is disconnected from helicopter (Ref. Section 96–00–00).

(h). Remove resistor from **J505**.

(i). Connect electrical connector **P1** to **J505**.

(j). Disconnect electrical connector **P103** from IIDS.

(k). Do a test for **346 - 354 ohms** between pins 19 and 20 in **P103**,use analog multimeter (T1001). If resistance is not in limit, replace cargo hook (Ref. CSP–900RMM–2, Section 25–55–00).

(l). Connect electrical connector **P103** to IIDS.

(3). **Cargo Hook not installed -** Helicopter has cargo hook option, shorting plug is installed.

(a). Remove shorting plug **P505** from **J505**.

(b). Install a **350 ohm** resistor between pins A and B of **J505**.

(c). **900 CONFIG -** Make sure **CRGO HOOK** circuit breaker of **LEFT GENERATOR BUS** on electrical load center is in.

(d). **902 CONFIG -** Make sure **CARGO HOOK** circuit breaker of **BATTERY BUS** on electrical load center is in.

(e). Apply external electrical power to helicopter (Ref. Section 96–00–00).

High Voltage

(f). Do a test for **7.13 - 7.87 Vdc** between pins A and B of **J505**, use analog multimeter (T1001) (Ref. CSP–SPM). If voltage is not in limit, IIDS is defective.

Power Off

(g). Make sure all electrical power is disconnected from helicopter (Ref. Section 96–00–00).

(h). Remove resistor from **J505**.

(i). Connect electrical connector **P1** to **J505**.

(j). Disconnect electrical connector **P103** from IIDS.

(k). Do a test for **346 - 354 ohms** between pins 19 and 20 in **P103**,use analog multimeter (T1001). If resistance is not in limit, resistor in shorting plug is defective (Ref. CSP–SPM, Section 20–60–00).

(l). Connect electrical connector **P103** to IIDS.

(4). **Cargo Hook system not installed -** Helicopter does not have cargo hook option, shorting plug is installed.

(a). Remove shorting plug **P600A** from **J600**.

(b). Install a **350 ohm** resistor between pins A1 and A2 of **J600**.

(c). **900 CONFIG -** Make sure **CRGO HOOK** circuit breaker of **LEFT GENERATOR BUS** on electrical load center is in.

(d). **902 CONFIG -** Make sure **CARGO HOOK** circuit breaker of **BATTERY BUS** on electrical load center is in.

(e). Apply external electrical power to helicopter (Ref. Section 96–00–00).

High Voltage

(f). Do a test for **7.13 - 7.87 Vdc** between pins A and B of **J505**, use analog multimeter (T1001) (Ref. CSP–SPM). If voltage is not in limit, IIDS is defective.

Power Off

(g). Make sure all electrical power is disconnected from helicopter (Ref. Section 96–00–00).

(h). Remove resistor resistor from **J600**.

(i). Connect electrical connector **P600A** to **J600**.

(j). Disconnect electrical connector **P103** from IIDS.

(k). Do a test for **346 - 354 ohms** between pins 19 and 20 in **P103**,use analog multimeter (T1001). If resistance is not in limit, resistor in shorting plug is defective (Ref. CSP–SPM, Section 20–60–00).

(l). Connect electrical connector **P103** to IIDS.

G. Outside Air Temperature Sensor Excitation Test

(1). Do a test for an open condition between IIDS and outside air temperature sensor (Ref. Section 98–40–00).

(a). If there is an open circuit condition, repair wiring (Ref. Section 98–40–00 and CSP–SPM).

(b). If there is no open circuit condition, do a test for a short circuit condition (Ref. Section 98–40–00 and CSP–SPM).

(c). If there is a short circuit condition, repair wiring (Ref. Section 98–40–00 and CSP–SPM).

(2). Do the outside air temperature sensor inspection, operational test and functional test.

(3). If there are other OAT sensor faults shown, do the standard temperature sensor test.

(4). Disconnect electrical connector **P111** from outside temperature sensor.

(5). Put a **100 ohm** resistor between pins 1 and 2 of **P111**.

(6). **900 CONFIG -** Make sure **IIDS** circuit breaker of **ESSENTIAL BUS** on essential bus circuit breaker panel is in.

(7). **902 CONFIG -** Make sure **IIDS** circuit breaker of **R ESS BUS** on essential bus circuit breaker panel is in.

(8). Apply external electrical power to helicopter (Ref. Section 96–00–00).

High Voltage

(9). Do a test for **70.6-78.0 mVdc** between pins A and B of **P111**, use analog multimeter (T1001) (Ref. CSP–SPM). If voltage is not in limit, IIDS is defective.

Power Off

(10). Make sure all electrical power is disconnected from helicopter (Ref. Section 96–00–00).

(11). Remove resistor from **P111**.

(12). Connect electrical connector **P111** to outside temperature sensor.

9. BMS Rail Voltage Test

BMS rail voltage is the excitation voltage for BMS vibration sensors. Rail voltage is **+15 Vdc** and **-15 Vdc**. A short circuit condition in a wire to a vibration sensor can reduce the rail voltage and make **BMSFAULT=4** show on IIDS.

Power Off

(1). Make sure all electrical power is disconnected from helicopter (Ref. Section 96–00–00).

(2). Disconnect electrical connector **P107** from IIDS.

(3). **900 CONFIG -** Make sure **IIDS** circuit breaker of **ESSENTIAL BUS** on essential bus circuit breaker panel is in.

(4). **902 CONFIG -** Make sure **IIDS** circuit breaker of **R ESS BUS** on essential bus circuit breaker panel is in.

(5). Apply external electrical power to helicopter (Ref. Section 96–00–00).

High Voltage

(6). Do a test for **+15 Vdc** on pins 12, 20, and 16 of **J7**, use analog multimeter (T1001) (Ref. CSP–SPM). If voltage is incorrect, IIDS is defective.

(7). If voltage is correct, do a test for **–15 Vdc** on pins 13, 21, and 17 of **J7**, use analog multimeter (T1001) (Ref. CSP–SPM). If voltage is incorrect, IIDS is defective.

Power Off

(8). Make sure all electrical power is disconnected from helicopter (Ref. Section 96–00–00).

(9). If voltage is correct, connect electrical **P107**.

(10). Open access door L155.

(11). Disconnect electrical connector **P431** form lateral vibration sensor (Ref CSP–900RMM–2, Section 63–20–00)

(12). Apply external electrical power to helicopter (Ref. Section 96–00–00).

High Voltage

(13). Do a test for **+15 Vdc** on pin C of **P431**, use analog multimeter (T1001) (Ref. CSP–SPM). If voltage is incorrect, repair short circuit condition in wiring between IIDS and one of the three vibration sensors (Ref. Section 98–40–00 and CSP–SPM).

(14). If voltage is correct, do a test for **–15 Vdc** on pin A of **P431**, use analog multimeter (T1001) (Ref. CSP–SPM). If voltage is incorrect, repair short circuit condition in wiring between IIDS and one of the three vibration sensors (Ref. Section 98–40–00 and CSP–SPM).

Power Off

(15). Make sure all electrical power is disconnected from helicopter (Ref. Section 96–00–00).

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Section

95–50–00

Other Instruments

OTHER INSTRUMENTS
DESCRIPTION AND OPERATION

1. General

Other Instruments are instruments that are not flight, navigation, or IIDS instruments. Instruments in other instruments can be optional.

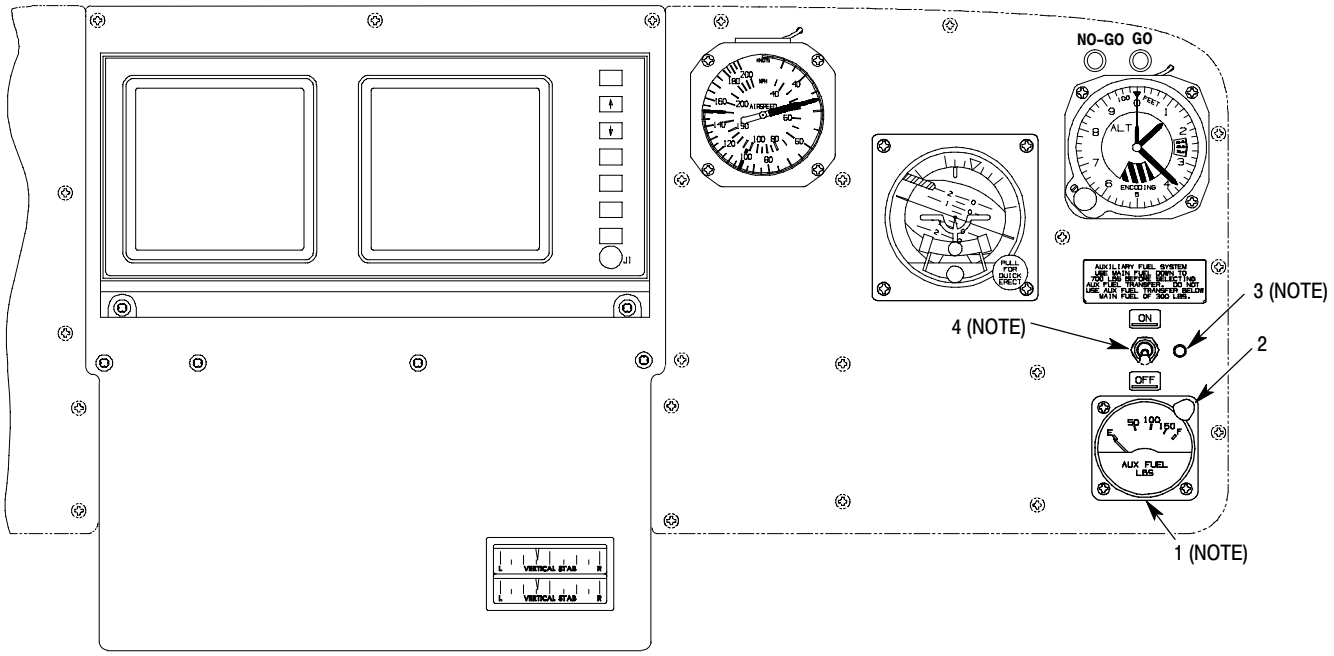
2. Supplemental Fuel Quantity Indicator (Optional)

(Ref. Figure 1)

The supplemental fuel quantity indicator shows the amount of fuel in the supplemental fuel tank. A float type transmitter gives a variable resistance to ground. When the supplemental fuel tank is empty, the float resistance is 0 to 0.5 ohms**.** When the tank is full the resistance is 88 to 92 ohms.

For supplemental fuel quantity system maintenance, troubleshooting, and calibration (Ref. Section 28–10–00).

For fuel transfer indicator light and fuel transfer switch maintenance (Ref. CSP–SPM).



NOTE: GAUGE, LIGHT, AND SWITCH MUST BE INSTALLED IN SIGHT OF PILOT.

9G95–068A

1. FUEL QUANTITY INDICATOR
2. QUANTITY INDICATOR LIGHT
3. FUEL TRANSFER INDICATOR LIGHT
4. FUEL TRANSFER SWITCH

Figure 1. Supplemental Fuel Quantity Indicator (Optional)

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OTHER INSTRUMENTS
MAINTENANCE PRACTICES

1. Supplemental Fuel Quantity Indicator (Optional)

A. Supplemental Fuel Quantity Indicator Removal

(Ref. Figure 201)

(1). Remove connector (7), nut (5), and lock washer (6) from back of post light (4).

(2). Remove connector from back of fuel quantity indicator (8).

(3). Remove nut (3), washer (2), and screw (1). Remove indicator (8).

B. Supplemental Fuel Quantity Indicator Installation

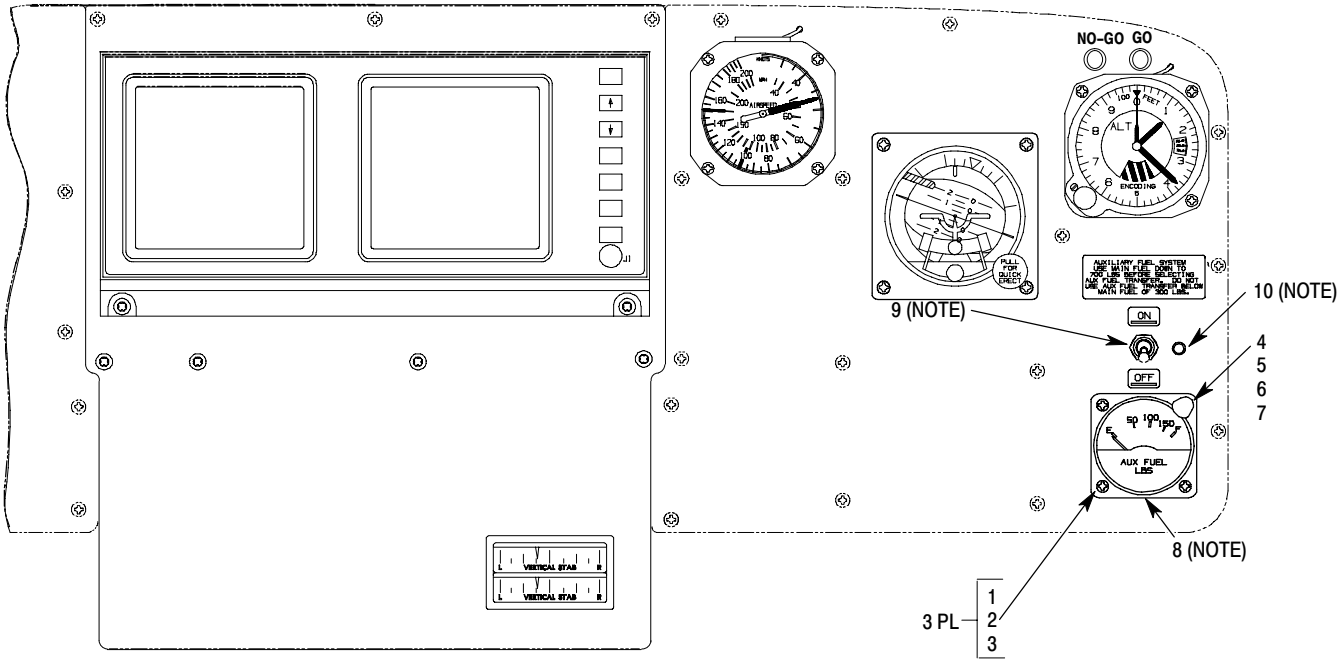
(Ref. Figure 201)

(1). Put indicator in instrument panel. Install screws, washers and, nuts. Torque nuts (Ref. CSP-SPM).

(2). Install postlight in instrument panel. Install lock washer and nut.

(3). Turn postlight so that light will show on indicator. Torque postlight nut (Ref. CSP-SPM).

(4). Install connector on postlight and tighten hand tight.



NOTE: GAUGE, LIGHT, AND SWITCH MUST BE INSTALLED IN SIGHT OF PILOT.

9G95-069B

1. SCREW
2. WASHER, FLAT
3. NUT, SELF LOCKING
4. LIGHT ASSEMBLY, POST MOUNTED
5. NUT, PLAIN, HEX
6. LOCK WASHER
7. CONNECTOR, ELECTRICAL
8. INDICATOR, FUEL QUANTITY
9. FUEL TRANSFER SWITCH
10. FUEL TRANSFER INDICATOR LIGHT

Figure 201. Supplemental Fuel Quantity Indicator (Optional)

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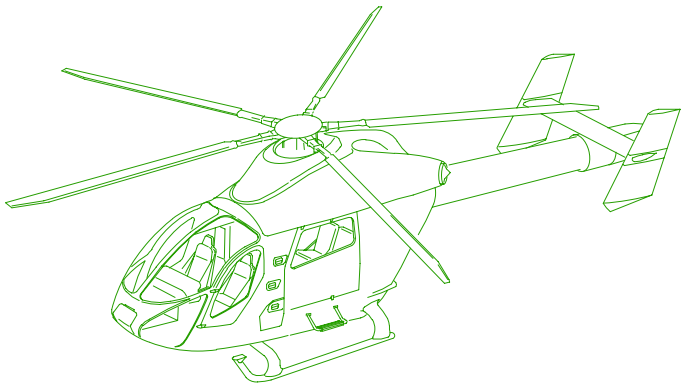
Chapter 96



ELECTRICAL POWER

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Section

96–00–00

Electrical Power

ELECTRICAL POWER
DESCRIPTION AND OPERATION

1. Effectivity

The basic MD900 and the MD900 Category A, have been designated the MD900 and MD902 respectively. When information in this manual is applicable to both, there will be no effectivity specified. When information is applicable to the MD900 only, that information will be identified as **"900 CONFIG"**. When information is applicable to the MD900 Category A only, that information will be identified as **"902 CONFIG"**.

A. System Separation

The electrical system and wiring maintain separation of the power generating systems. Wiring for each power generating system is physically separated on each side of the aircraft and does not pass together through a single connector at any point on the ship. This prevents power to the essential bus being interrupted due to any single point failure.

Power going to the redundant systems has also been routed through separate harnesses and connectors. These include the fuel pumps, the fuel probes and the Electronic Engine Control (EEC) and the primary/secondary lighting.

2. Electrical System

The electrical system is designed to provide electrical power to operate and control helicopter systems during ground and air operations. The electrical system consists of battery power subsystem, DC power and generation subsystem, and lighting subsystem.

The helicopter requires no AC power. Helicopter systems operate with 28 VDC power.

3. Battery Power Subsystem

The battery power subsystem provides an on–board source of DC power. The subsystem provides power for engine starts, and is a substitute for aircraft power when the generators go off–line. The battery power subsystem consists of the following components:

- External Power Box (A610)
- External Power Relay Assembly (A614)
- Battery
- Battery Warm Switch
- Battery Warm Relay
- Generator/Ext Pwr Available Relay
- Battery Hot Switch
- Power Switch
- Battery Relay
- Essential Bus Relay(s)
- Power Diodes

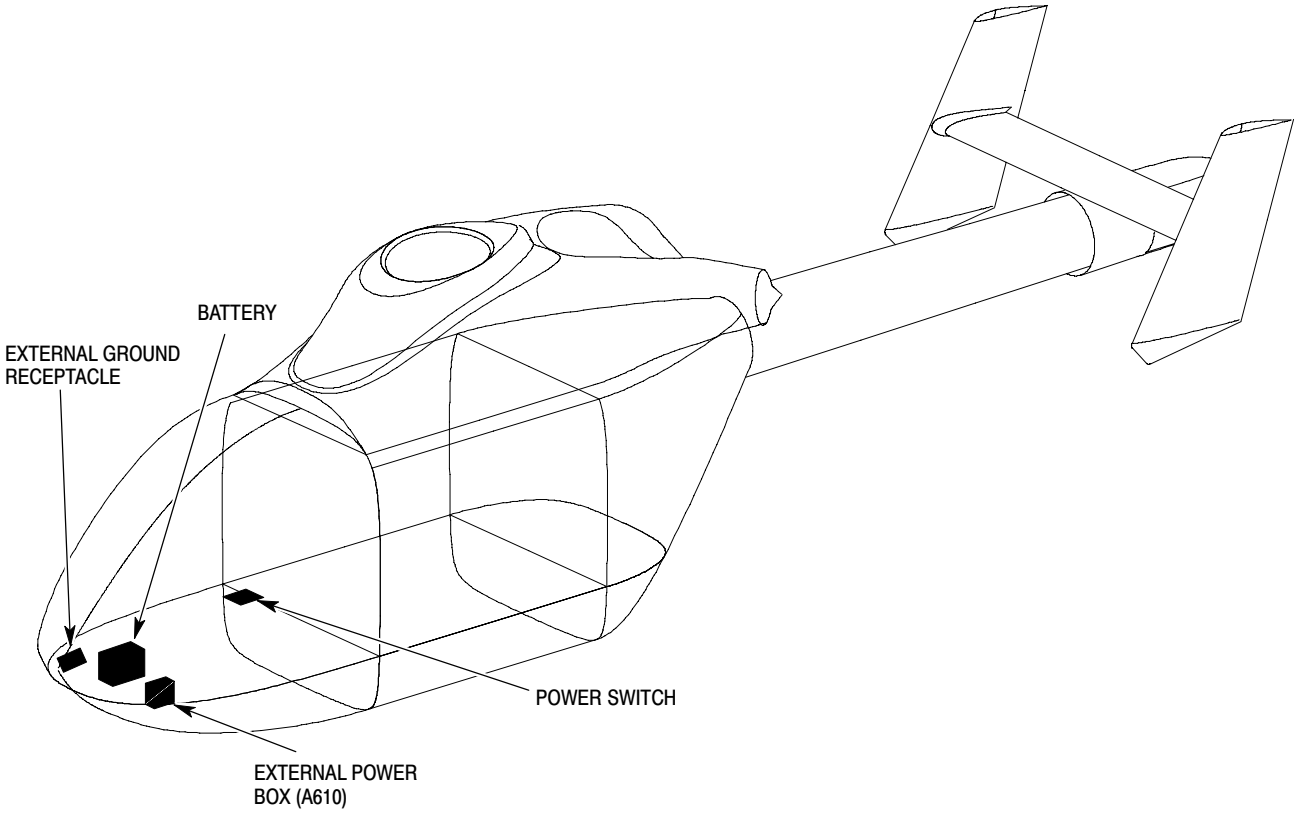

Figure 1. Forward Battery Power Subsystem Locator

A. External Power Box (A610)

(Ref. Figure 1)

The External Power Box (A610) provides distribution of battery and external power for avionic systems, and allows for the recharging of the battery. The **900 CONFIG** A610 contains one essential bus relay. The **902 CONFIG** A610 adds another essential bus relay to ease the current load being placed on the existing relay. The hover light relay is also upgraded and relocated. There also exists a modified **902 CONFIG** A610, which includes the basic **902 CONFIG** along with the relocation and upgrading of the left essential bus, landing light and right essential bus relays.

B. External Power Relay Assembly (A614)

(Ref. Figure 2)

In the forward battery installation option, the External Power Box (A610) is replaced by the External Power Relay Assembly (A614) and the Hover/Landing Light Relay Assembly (A615). The aft battery installation option incorporates the same changes plus the relocation of the Ground Power Receptacle from R109 on the forward right side to L240 on the left aft side of the aircraft. The A614 performs the same tasks as a **902 CONFIG** A610 with the exception of distributing power to the hover and landing lights.

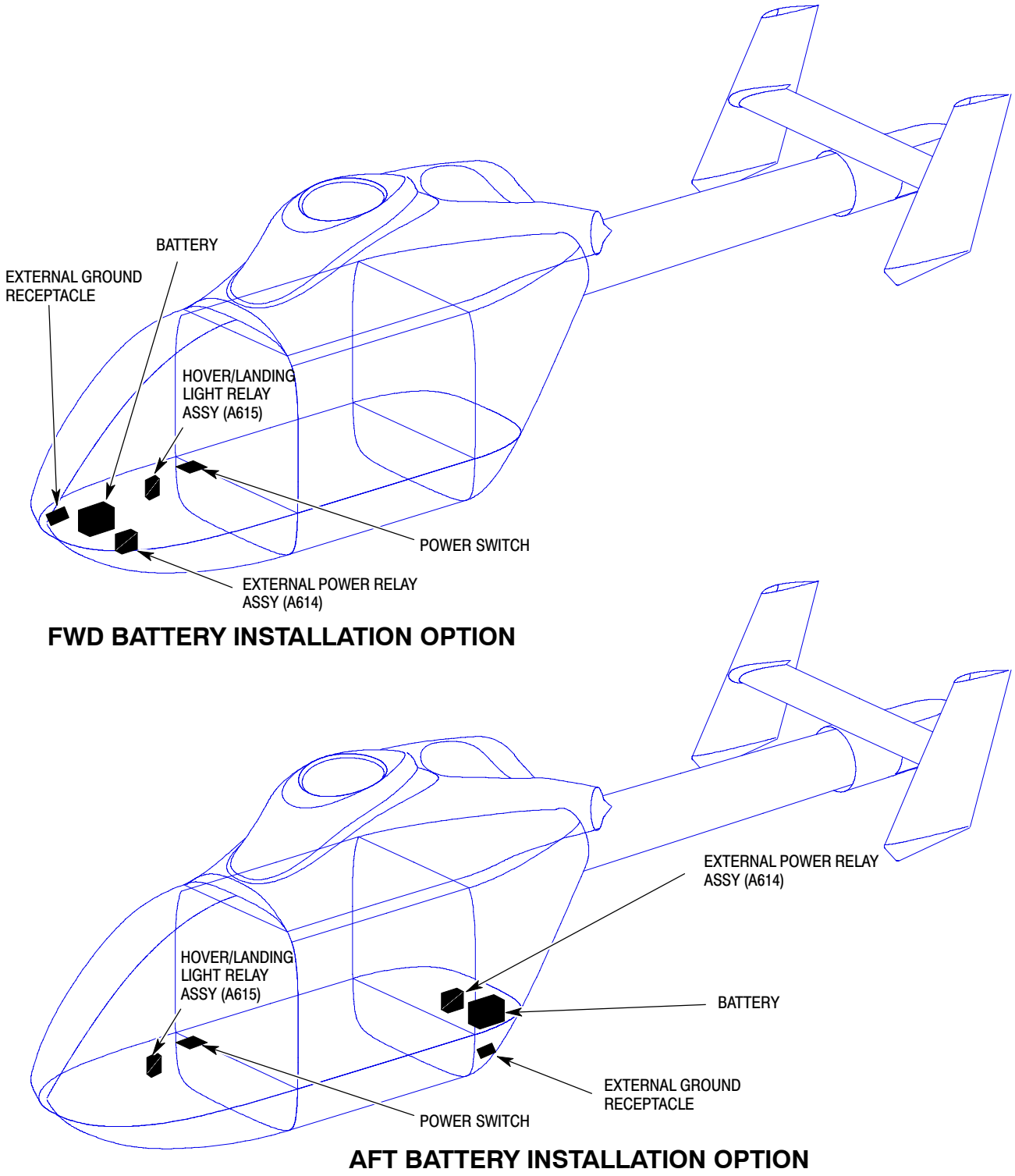

Figure 2. Forward and AFT Battery Power Subsystem Locator

C. Battery

(Ref. Figure 1, Figure 2 and Figure 3)

The standard battery is a 24 volt, 27 amp hour, nickel cadmium type. Aircraft 10 thru 85 have the original forward battery installation configuration which places the standard battery in the forward battery compartment. Beginning at aircraft 86 there is a selectable option of either a forward or aft battery installation. The aft battery installation option relocates the standard battery to the cargo section, and allows the installation of an optional 44 amp battery which is too large to fit in the forward location.

The battery provides power for ground start operations until the generators come on–line. In flight, the battery supplies power only if both generators fail. During flight, the battery is recharged by the generators through the Battery Bus. When external power is connected, the battery is recharged via the battery relay when the voltage on the Battery Bus is greater than the battery voltage.

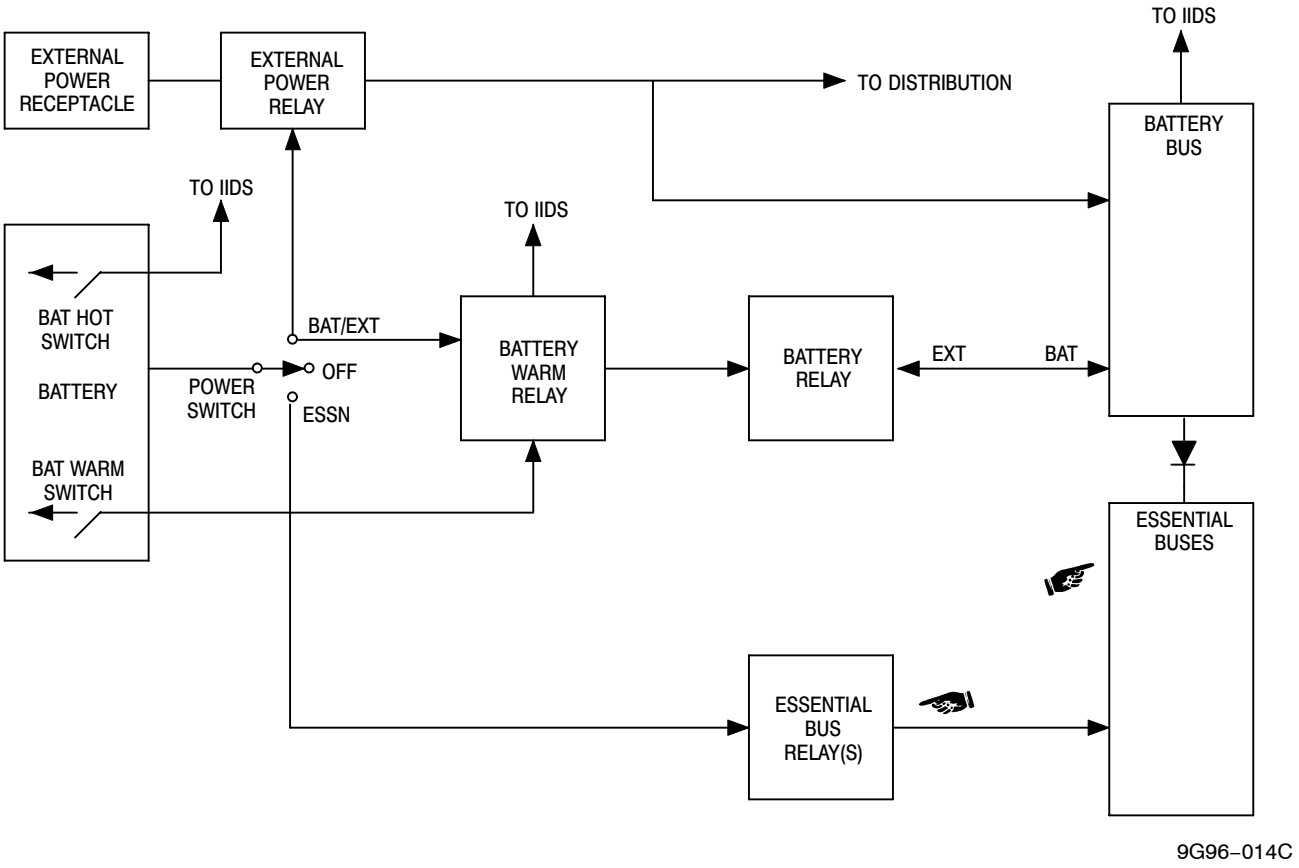

Figure 3. Battery Power and External Power Subsystem Block Diagram

D. Battery Warm Switch

(Ref. Figure 3)

A battery warm thermal switch within the battery will automatically disable the battery relay via the battery warm relay to prevent the battery from continuing to overheat. The thermal switch closes at 57 °C (135 °F).

When the battery warm switch closes, the battery warm relay will also provide **BAT WARM** caution indication on the IIDS.

E. Battery Warm Relay

(Ref. Figure 3)

The battery warm relay is located in either the A610 or the A614. When activated, the battery warm thermal switch will trigger an automatic disconnect function. The battery relay is

disabled via the battery warm relay to prevent the battery from continuing to overheat.

This automatic disconnect function is disabled when the battery is the only source of power on the aircraft. Once the generators come on–line or external power is applied to the aircraft, the automatic disconnect function is re–enabled.

F. Generator/Ext Pwr Available Relay

The generator/ext pwr available relay is located in either the A610 or the A614. During normal operations (**POWER** switch in **BAT/EXT**), the generator/ext pwr available relay is closed. This isolates the automatic disconnect function for the battery and inhibits the essential relays. When generator or external power is not available, the generator/ext pwr available relay enables both the battery and essential relays. This bypasses the battery warm relay, and disables the automatic disconnect function.

G. Battery Hot Switch

(Ref. Figure 3)

The battery hot switch is internally mounted inside the battery case and senses a hot battery condition. The thermal switch closes as 71.1 °C (160 °F).

It provides the **BAT HOT** cockpit warning indication on the IIDS.

H. Power Switch

(Ref. Figure 3 and Figure 4)

The power (**POWER**) switch is a three position lock–out toggle switch located in the cockpit on the **ELECTRICAL MASTER** panel. It provides for operator control of both battery and external power. The power switch positions are:

BAT/EXT – selects either the battery or external power as the power source. External power is automatically selected if it is provided to the helicopter. When battery is being used, battery power is applied to battery bus through battery relay, and to essential bus through battery bus relay and power diode battery.

OFF – removes battery or external power

ESNTL – applies battery power to only the essential buses (only if generator power is off–line).

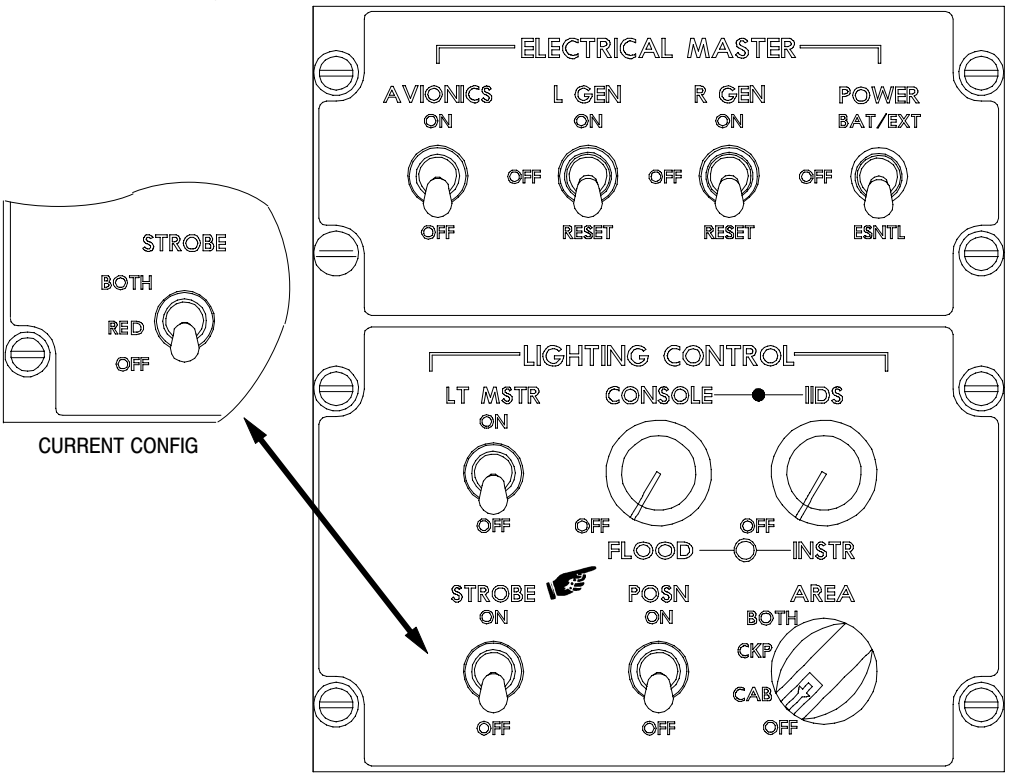

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Figure 4. Electrical Master/Lighting Control Panel

I. Battery Relay

(Ref. Figure 3)

The battery relay is located in the external power box (A610) in the nose of the aircraft or the external power relay assembly (A614) located in either the nose or baggage compartment.

The battery relay connects the battery to the power distribution system, The relay is grounded by the master POWER switch and powered via the Battery Warm Relay (when the battery is NOT warm), or via the Generator/External Power Available (when Generator power is NOT available).

The relay provides for automatic control of battery power.

The relay connects battery power to the aircraft when the **BAT/EXT** position is selected on the **POWER** switch. The battery relay also provides an automatic disconnect of the battery if a battery warm condition exists.

The battery relay is closed through the normally closed battery warm relay when the **POWER** switch is placed in the **BAT/EXT** position and either generator is offline.

J. Essential Bus Relay(s)

(Ref. Figure 3)

The essential bus relays are located in either the External Power Box (A610) or the External Power Relay Assembly (A614). The relays allow power to be applied from the battery to each respective essential bus when the **POWER** switch is placed in the **ESNTL** position.

In the **900 CONFIG**, there is only one essential bus relay which provides power to both the right and left essential bus. In the **902 CONFIG**, two essential bus relays were incorporated, thereby reducing the current load supported by the use of only one relay.

The essential bus relays are inhibited (via the Generator/Ext Pwr Available Relay) from connection whenever generator (or external) power is available to prevent charging of the battery via the essential bus relays.

K. Power Diode(s)

(Ref. Figure 3)

The power diode(s) is located in the External Power Box (A610) in the nose of the aircraft or the External Power Relay Assembly (A614) located in either the nose or baggage compartment.

Power diodes are used to provide power from multiple locations and sources to the essential bus. They also isolate the essential buses from all other buses when the Essential Bus is selected. Power diodes are used in the A614 to separate the Battery Bus from the Essential Bus. Power diodes are also used in the A601 panel to separate the Right (and Left) DC busses (which are powered from the Right and Left Generator busses respectively) from their respective essential bus. Circuit breakers are also used in series with each isolation diode to prevent failure of the supporting bus due to a failure of an essential bus.

The power diode(s) provides power to the essential bus from the battery bus when the **BAT/EXT** position is selected with the **POWER** switch.

4. External Power Subsystem

(Ref. Figure 5)

The external power subsystem provides the capability of using an external power source to provide electrical power to the MD900. The application of external power will provide power to all main distribution busses. The external power subsystem consists of the following components:

- External Power Receptacle
- Power Switch
- External Power Relay

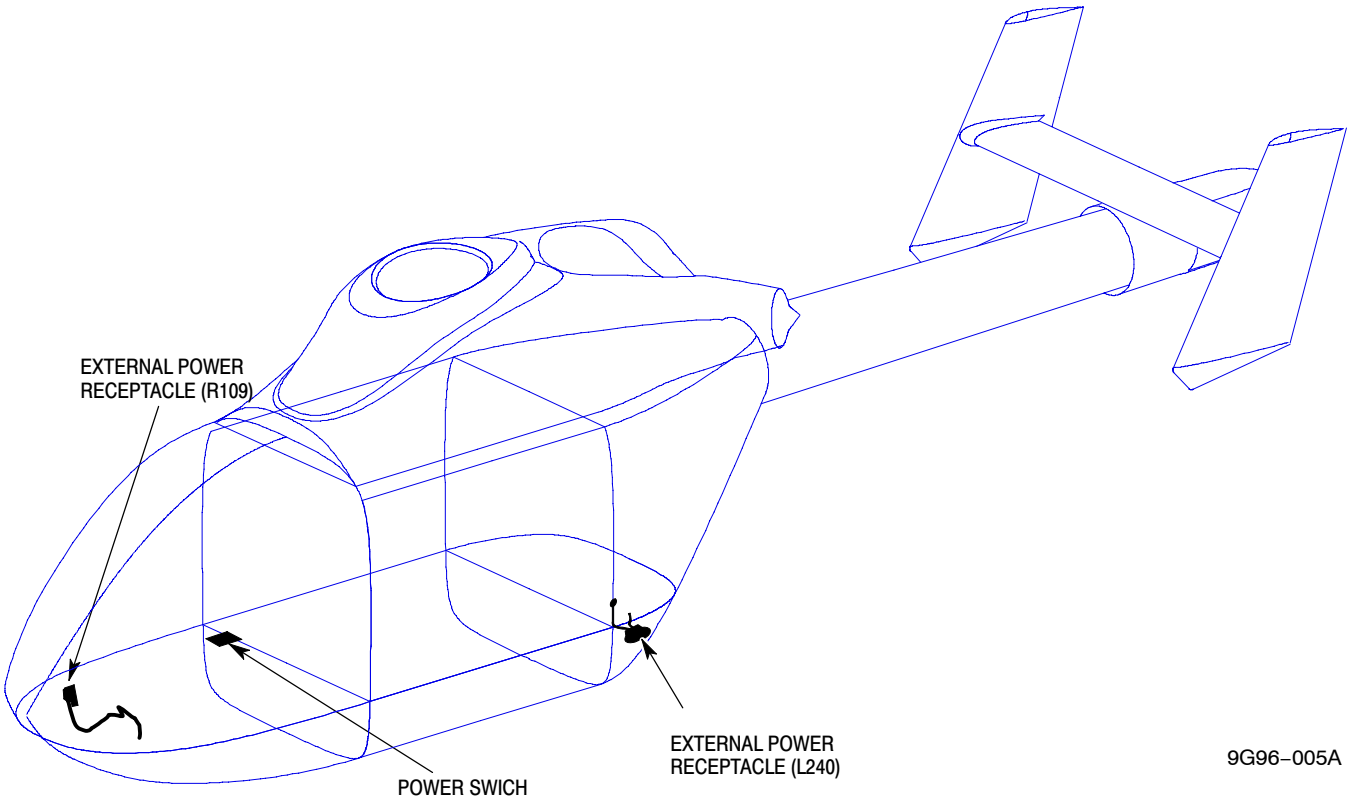


Figure 5. External Power Subsystem Component Locator

A. External Power Receptacle

(Ref. Figure 3 and Figure 5)

The external power receptacle is located aft of the right chin window for the forward battery installation (R109) and on the lower left quarter panel for the aft battery installation (L240). The receptacle is keyed to prevent incorrect plug alignment. External power can be applied to any aircraft bus when generator power is not available.

When the **POWER** switch is placed in the **BAT/EXT** position with external power connected, the external power relay is automatically engaged. Power is now connected to the main distribution busses.

B. Power Switch

(Ref. Figure 4 and Figure 7)

When the power (**POWER**) switch is placed in the **BAT/EXT** position with external power connected, power is available from the external power receptacle through the external power relay to the battery bus and to the essential bus through the battery relay. Power is also available to both the left generator bus and the right generator bus.

C. External Power Relay

(Ref. Figure 3)

The external power relay is located in the external power box (A610) in the nose of the aircraft or the external power relay assembly (A614) located in either the nose or baggage compartment.

With the **POWER** switch in the **BAT/EXT** position the external power relay is automatically engaged when external power is applied to the aircraft.

NOTE: When external power is not being used, either the plug must be removed from the aircraft or the **POWER** switch must be cycled to **OFF**. This is done to prevent battery discharge.

5. DC Power Generation Subsystem

(Ref. Figure 6)

The DC Generation subsystem will provide all power necessary to operate the electrical busses on the MD900. The DC Generation

subsystem of the MD900 is engine driven, and is available any time the engines are running. The DC Generation subsystem consists of the following components:

- Starter/Generator (Left and Right)
- Generator Control Unit (Left and Right)
- Generator Switch (Left and Right)
- Generator Line Contactor (GLC) Auxiliary Relay (Left and Right)
- Generator Line Contactor (GLC) (Left and Right)
- Bus Tie Relay (Left and Right)

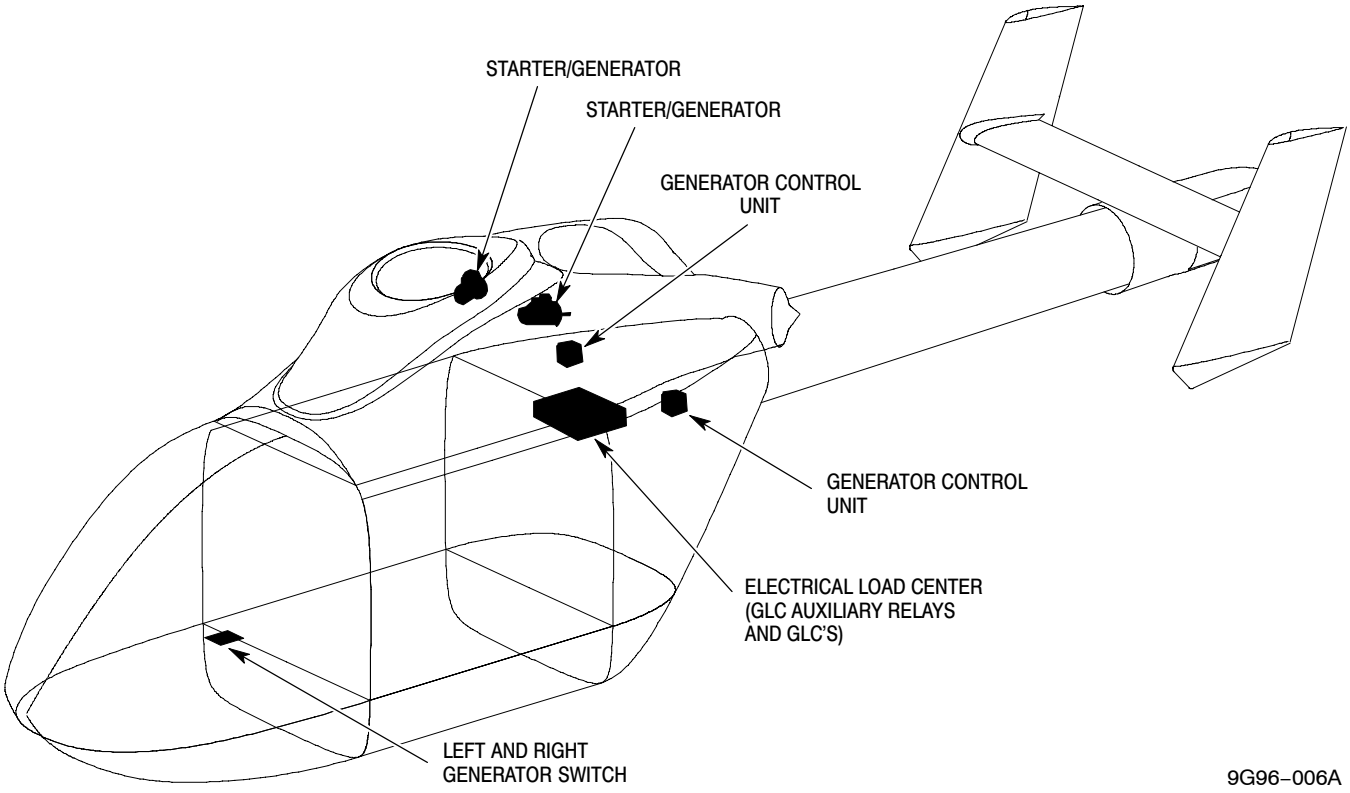


Figure 6. DC Power Generation Subsystem Component Locator

A. Left and Right Starter/Generator

(Ref. Figure 7)

The left Starter/Generators attaches to the #1 engine accessory gearbox with a quick attach/detach (QAD) adapter. The right Starter/Generator attaches to the #2 engine accessory gearbox with a quick attach/detach (QAD) adapter.

The Starter–Generators are used to start the engines and upon completion of starting, operate as generators to provide 28 volt DC power to the selected aircraft components. The generators are self–excited and the voltage is regulated by the Generator Control Units. A torsional vibration damper protects the drive shaft against induced vibration. Quick attach–detach mounting is provided to facilitate installation and maintenance.

The Starter/Generators are the primary source of electrical power for the MD900, and each one is rated at 200A/28V. Each Starter/Generator can power the entire MD900 electrical system.

Each Starter/Generator is controlled by its own Generator Control Unit (GCU). When a Starter/Generator has completed the start cycle and the appropriate generator switch (**L GEN, R GEN**) is placed in the **ON** position, the GCU will engage the Generator Line Contactor (GLC). GLC's connect generator power to the power busses.

B. Left and Right Generator Control Unit (GCU)

(Ref. Figure 7)

The GCU's are located in the baggage compartment. The left GCU is mounted on the upper left side of the forward wall. The right GCU is mounted on the upper right side of the forward wall.

GCU's provide a constant current starter output of 300 amps during engine start. They provide regulated voltage at start termination and equalize starter output currents. GCU's provides voltage regulation and parallel operation of the two starter/generators.

The GCU incorporates all the normal control and protective functions required for operation of the electrical system. Each unit controls and protects its onside bus tie. All active sensing circuits are solid state and mount on five separate printed wiring boards.

The GCU provides power control and protective functions, and for excitation of the generator line contractor and start relay.

The GCU furnishes overvoltage protection by opening the line contactor whenever the voltage exceeds 31.5 volts DC. Selective isolation of an overexcited generator channel is provided during parallel operation. The GCU also protects against feeder or generator fault to ground during generator build–up and normal operation.

In event of a bus fault, the GCU opens the bus tie contactor to separate the two buses, and disconnects the GLC when output current exceeds approximately 175% of generator rating. Anti–cycling protection prevents cycling of the field relay when a fault condition exists if the generator control switch is held in the reset position.

The GCU limits generator output to approximately 150% of rated current whenever activated by an external signal, such as during engine cross starting. The GCU equalizes generator output currents to within 10% of the generators load.

C. Left and Right Generator Switch

(Ref. Figure 4 and Figure 7)

The left and right generator (**L GEN and R GEN**) switches are located on the **ELECTRICAL MASTER** panel in the cockpit for ease of pilot/copilot operation. They provide pilot/copilot control of left and right generator operation.

The generator switches are a three position, toggle/momentary type switch. The three positions are:

ON – turns generator on

OFF – turns generator off

RESET – used after automatic release of the GLC due to failure condition

The switches control the left and right Generator Line Contactor (GLC) through the left and right GCU's.

D. Left and Right Generator Line Contactor (GLC) Auxiliary Relay

(Ref. Figure 7)

The left and right generator line contactor (GLC) auxiliary relays are located in the electrical load center, mounted on the ceiling of the baggage compartment. They provide automatic control of the left and right GLC's.

The left GLC auxiliary relay is controlled by the left generator control unit (GCU). It controls the left GLC and is engaged by the left generator (**L GEN**) switch. The right GLC auxiliary relay is controlled by the right GCU. It controls the right GLC and is engaged by the right generator (**R GEN**) switch.

The left GLC auxiliary relay is disengaged by the GCU if a left generator fault is detected. The right GLC auxiliary relay is disengaged by the GCU if a right generator fault is detected.

E. Left and Right Generator Line Contactor (GLC)

(Ref. Figure 7 and Figure 18)

The left and right generator line contactors (GLC) are located in the electrical load center mounted on the ceiling of the baggage compartment.

The GLC's provide automatic connection of generator power to the generator busses.

The GLC's are controlled by the left and right GLC auxiliary relays. When the GLC is engaged, power is connected to the busses. They are disengaged by their own GLC auxiliary relay when a generator fault exists.

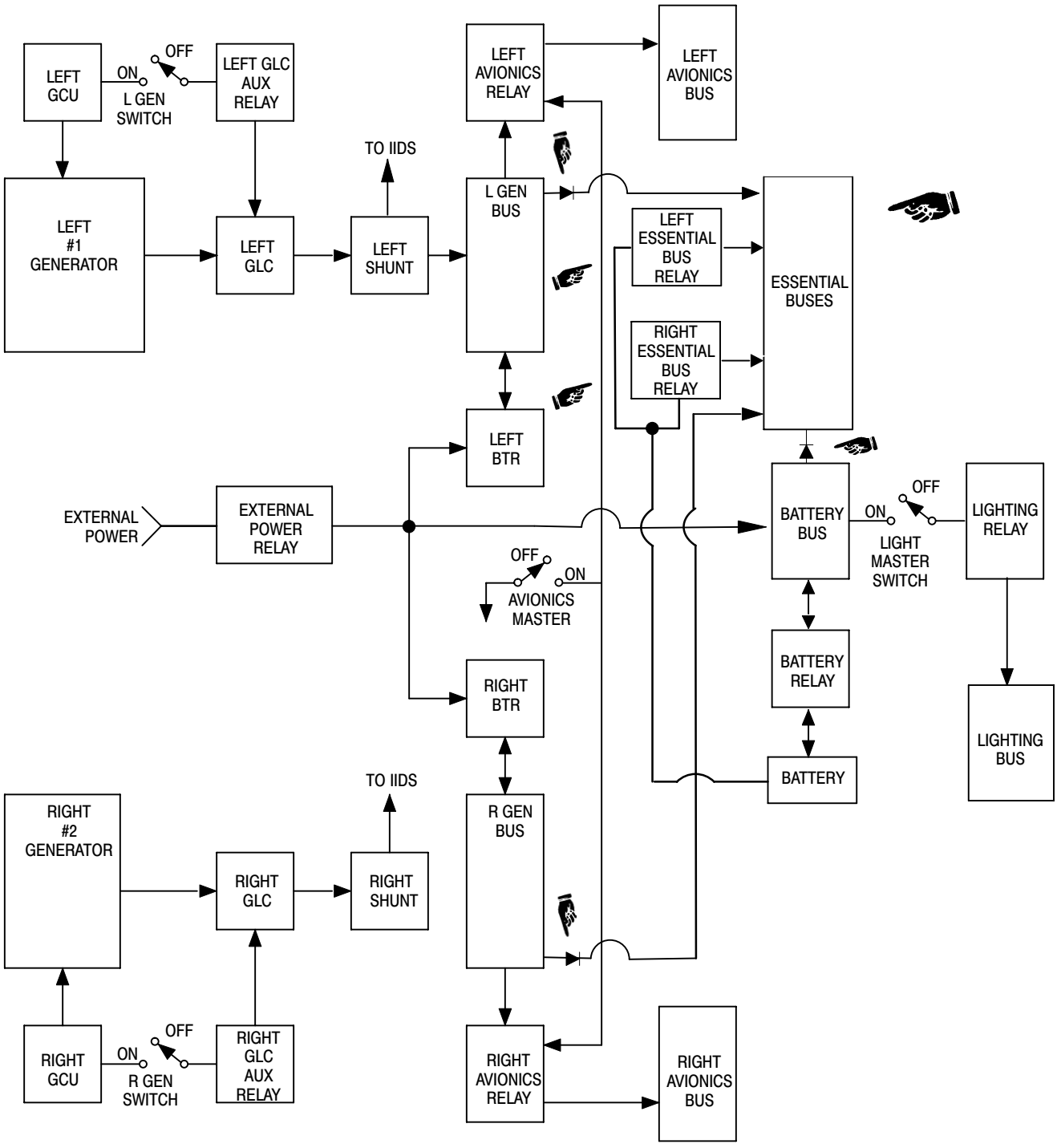
F. Left and Right Bus Tie Relays (BTR)

(Ref. Figure 7 and Figure 18)

The left and right bus tie relays are located in the electrical load center mounted on the ceiling of the baggage compartment. They provide automatic bus switching during generator fault conditions. When both bus tie relays are engaged the busses are connected and share the load equally.

The left bus tie relay provides automatic connection of left generator power to the right generator bus when a right generator fault exists. It is disengaged if a left generator overcurrent fault or a reverse current condition exists. When the left bus tie relay disengages, it isolates the left generator bus.

The right bus tie relay provides automatic connection of right generator power to the left generator bus when a left generator fault exists. It is disengaged if a right generator overcurrent fault of reverse current condition exists. When the right bus tie relay disengages, it isolates the right generator bus.



9G96–013B

Figure 7. DC Power Generation Subsystem Block Diagram

6. DC Power Distribution Subsystem

(Ref. Figure 8, Figure 9 and Figure 18)

The DC Power Distribution subsystem provides power to operate the MD900 electrical systems. All power busses except the essential bus are located in the electrical load center, mounted in the baggage compartment. The essential bus is located in the cockpit. Each power bus has its own circuit breaker panel, located with the bus. The DC Power Distribution subsystem consists of the following:

- Power Switch
- Avionics Master Switch
- Lighting Master Switch
- Essential Buses
- Essential Bus Circuit Breaker Panel
- Battery Bus
- Battery Bus Circuit Breaker Panel
- Lighting Master Relay
- Lighting Bus
- Lighting Bus Circuit Breaker Panel
- Left Generator Bus
- Left Generator Bus Shunt
- Left Generator Bus Circuit Breaker Panel
- Left Avionics Bus Relay
- Left Avionics Bus
- Left Avionics Bus Circuit Breaker Panel
- Right Generator Bus
- Right Generator Bus Shunt
- Right Generator Bus Circuit Breaker Panel
- Right Avionics Bus Relay
- Right Avionics Bus
- Right Avionics Bus Circuit Breaker Panel

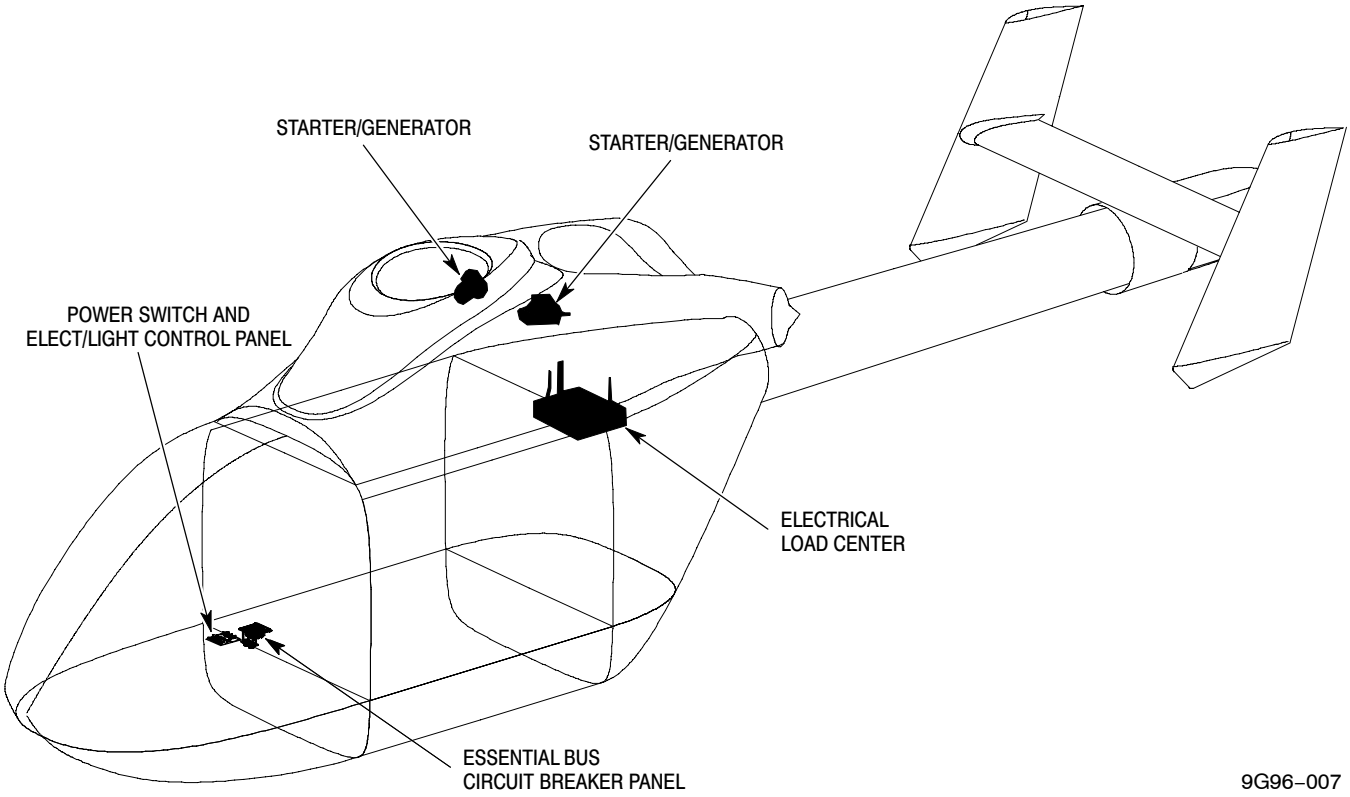


Figure 8. DC Power Distribution Subsystem Component Locator

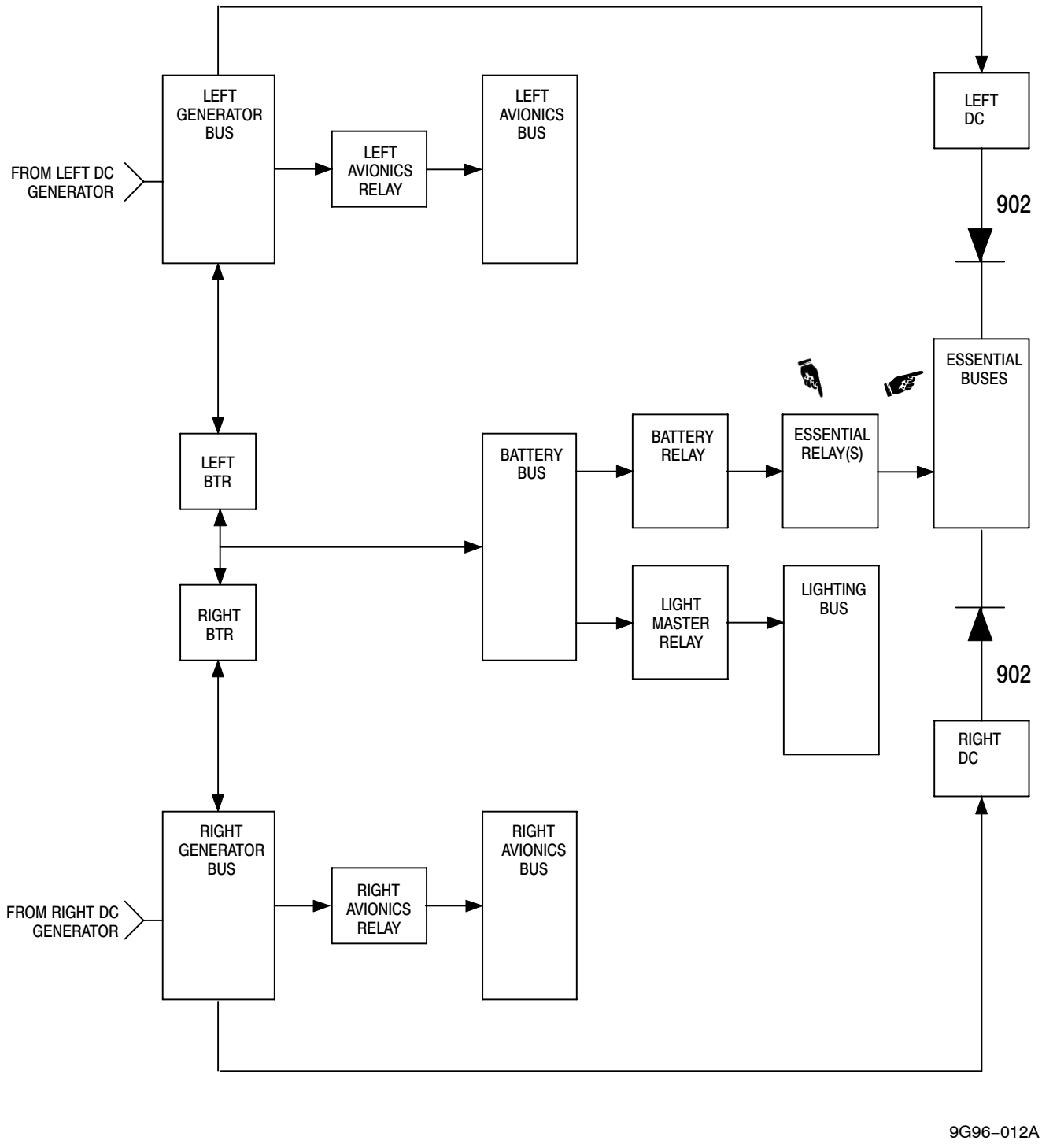


Figure 9. DC Power Distribution Subsystem Block Diagram

A. Power Switch

(Ref. Figure 4 and Figure 8)

The power (**POWER**) switch is placed in the **BAT/EXT** position for normal operation.

B. Avionics Master Switch

(Ref. Figure 4)

The avionics (**AVIONICS**) master switch is located on the **ELECTRICAL MASTER** panel, mounted on the console in the cockpit. It controls power to the left and right avionics bus relays. It is a two position **ON/OFF** toggle switch.

C. Lighting Master Switch

(Ref. Figure 4)

The lighting master (**LT MSTR**) switch is located on the **LIGHTING CONTROL** panel, mounted on the console in the cockpit. It controls power to the lighting master relay. It is a two position **ON/OFF** toggle switch.

D. Essential Bus

(Ref. Figure 8)

The essential bus is located in the cockpit under the essential bus circuit breaker panel. Essential bus power provides power for essential equipment in case of a total generator power failure. This allows continued operation of the helicopter for a limited period of time. Power to the essential bus is controlled by the power switch.

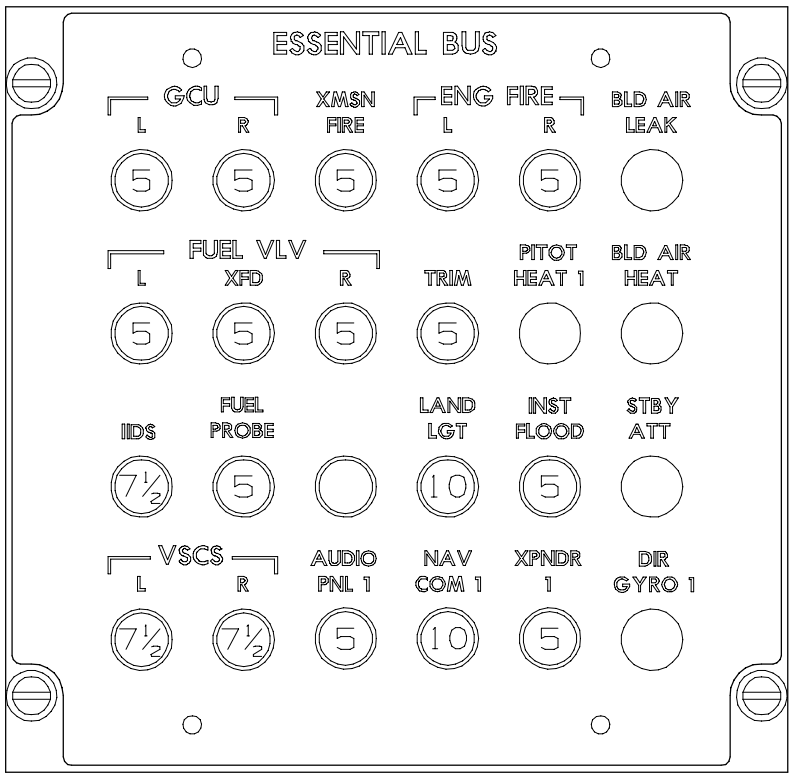
E. Essential Bus Circuit Breaker Panel (900 CONFIG)

(Ref. Figure 10 and Figure 11)

The essential bus (**ESSENTIAL BUS**) circuit breaker panel is located in the cockpit on the console. It provides control of essential circuits power distribution.

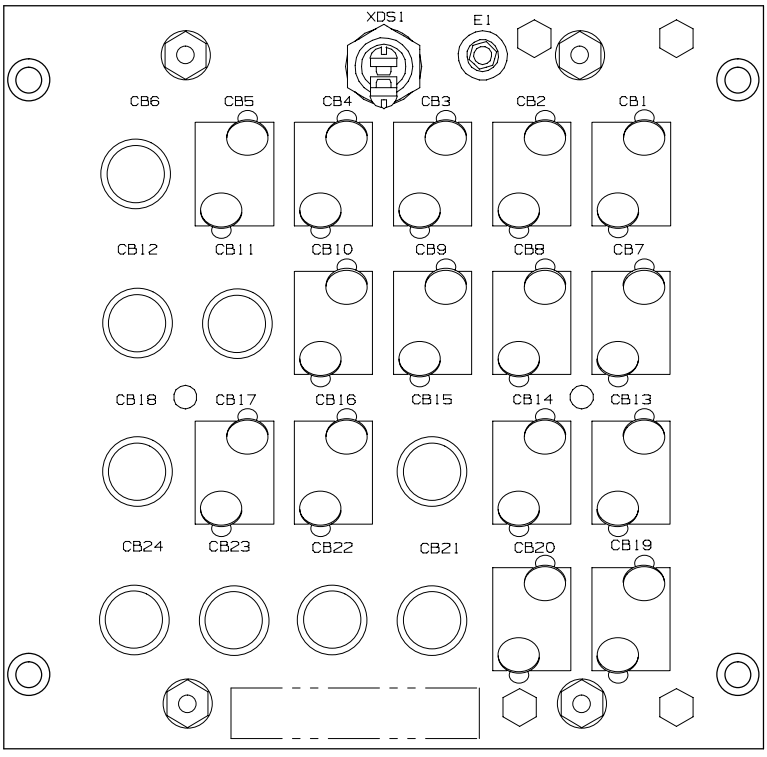
The essential bus circuit breaker panel controls power distribution to:

- Left Generator Control Unit (**GCU L**)
- Right Generator Control Unit (**GCU R**)
- Transmission Fire (**XMSN FIRE**)
- Left Engine Fire (**ENG FIRE L**)
- Right Engine Fire (**ENG FIRE R**)
- Left Shutoff Valve (**FUEL VLV L**)
- Crossfeed Valve (**FUEL VLV XFD**)
- Right Shutoff Valve (**FUEL VLV R**)
- Trim (**TRIM**)
- Integrated Instrument Display System (**IIDS**)
- Landing Light (**LAND LGT**)
- Fuel Probes (**FUEL PROBE**)
- Instrument Flood Lights (**INST FLOOD**)
- Left Vertical Stabilizer Control System (**VSCS L**)
- Right Vertical Stabilizer Control System (**VSCS R**)
- Bleed Air Leak System (**BLD AIR LEAK**)
- Pitot Heat System 1 (**PITOT HEAT 1**)
- Bleed Air Heat System (**BLD AIR HEAT**)
- Standby Attitude Indicator (**STBY ATT**)
- Directional Gyro System 1 (**DIR GYRO 1**)
- Audio Panel 1 (**AUDIO PNL 1**)
- Navigation/Communication System 1 (**NAV COM 1**)
- Transponder System 1 (**XPNDR 1**)



9G96–063

Figure 10. Essential Bus Circuit Breaker Panel (900 CONFIG)



9G96–060

Figure 11. Essential Bus Circuit Breaker Panel (Back) (900 CONFIG)

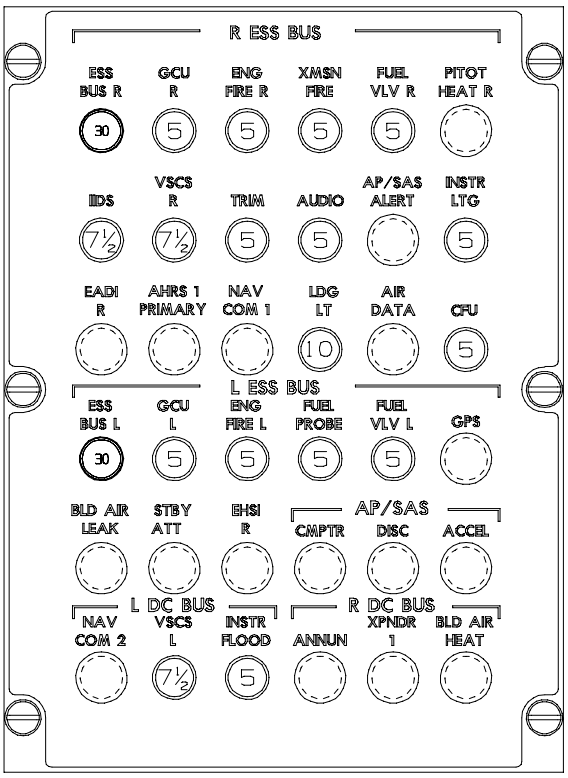
F. Essential Bus Circuit Breaker Panel (902 CONFIG)

(Ref. Figure 12 and Figure 13)

The essential bus (**ESSENTIAL BUS**) circuit breaker panel is located in the cockpit on the console. It provides control of essential circuits power distribution.

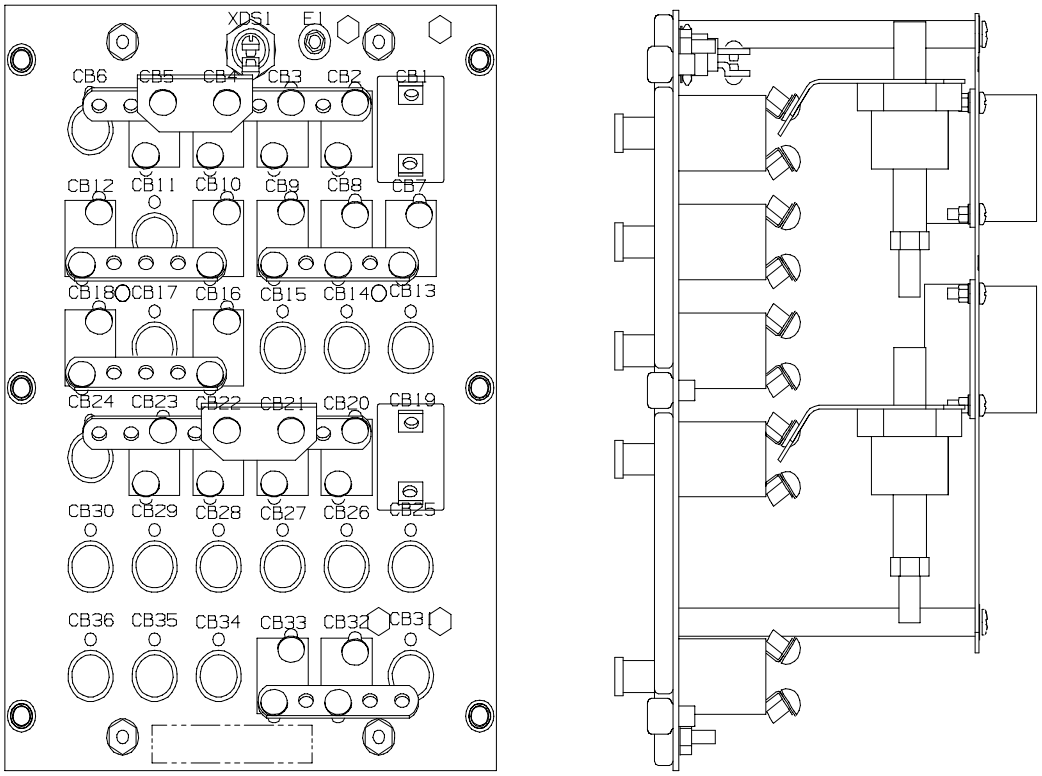
The essential bus circuit breaker panel controls power distribution to:

- Left Essential Bus (**ESS BUS L**)
- Right Essential Bus (**ESS BUS R**)
- Left Generator Control Unit (**GCU L**)
- Right Generator Control Unit (**GCU R**)
- Transmission Fire (**XMSN FIRE**)
- Left Engine Fire (**ENG FIRE L**)
- Right Engine Fire (**ENG FIRE R**)
- Left Shutoff Valve (**FUEL VLV L**)
- Right Shutoff Valve (**FUEL VLV R**)
- Collective Friction Unit (**CFU**)
- Instrument Lighting (**INSTR LTG**)
- Trim (**TRIM**)
- Integrated Instrument Display System (**IIDS**)
- Landing Light (**LDG LT**)
- Fuel Probes (**FUEL PROBE**)
- Instrument Flood Lights (**INSTR FLOOD**)
- Left Vertical Stabilizer Control System (**VSCS L**)
- Right Vertical Stabilizer Control System (**VSCS R**)
- Audio Panel (**AUDIO**)
- Bleed Air Leak System (**BLD AIR LEAK**)
- Pitot Heat System Right (**PITOT HEAT R**)
- Annunciator (**ANNUN**)
- Navigation/Communication System 2 (**NAV COM 2**)
- Autopilot/SAS Accel (**ACCEL**)
- Autopilot/SAS Disc (**DISC**)
- Autopilot/SAS Computer (**CMPTR**)
- EHSI Right (**EHSI R**)
- GPS (**GPS**)
- Air Data (**AIR DATA**)
- AHRS 1 Primary (**AHRS 1 PRIMARY**)
- EADI Right (**EADI R**)
- Auto Pilot/SAS Alert (**AP/SAS ALERT**)
- Bleed Air Heat System (**BLD AIR HEAT**)
- Standby Attitude Indicator (**STBY ATT**)
- Navigation/Communication System 1 (**NAV COM 1**)
- Transponder System 1 (**XPNDR 1**)



9G96–070

Figure 12. Essential Bus Circuit Breaker Panel (902 CONFIG)



9G96–071

Figure 13. Essential Bus Circuit Breaker Panel (Back) (902 CONFIG)

G. Field Excitation Circuit Breakers

(Ref. Figure 14 and Figure 16)

The L Field Excitation (**L FLD EXCIT**) and R Field Excitation (**R FLD EXCIT**) circuit breakers are mounted on the electrical load center circuit breaker panel. These circuit breakers are in line with the generator excitation to provide protection during power generation.

H. Battery Bus

(Ref. Figure 8)

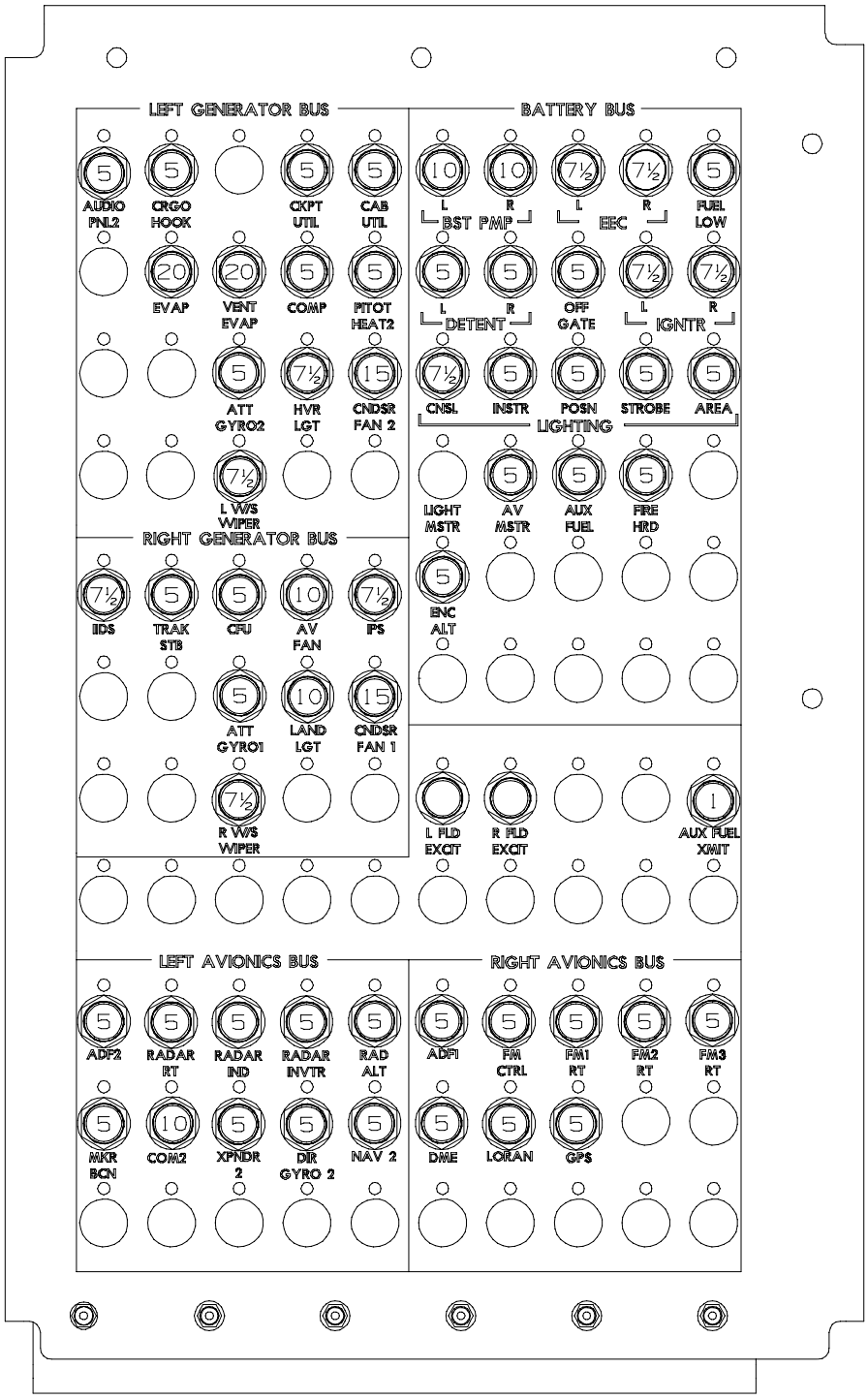
The battery bus is located in the electrical load center. It provides a central distribution point for battery power. Power to the battery bus is controlled by the battery relay and the power switch.

I. Battery Bus Circuit Breaker Panel (900 CONFIG)

(Ref. Figure 14 and Figure 15)

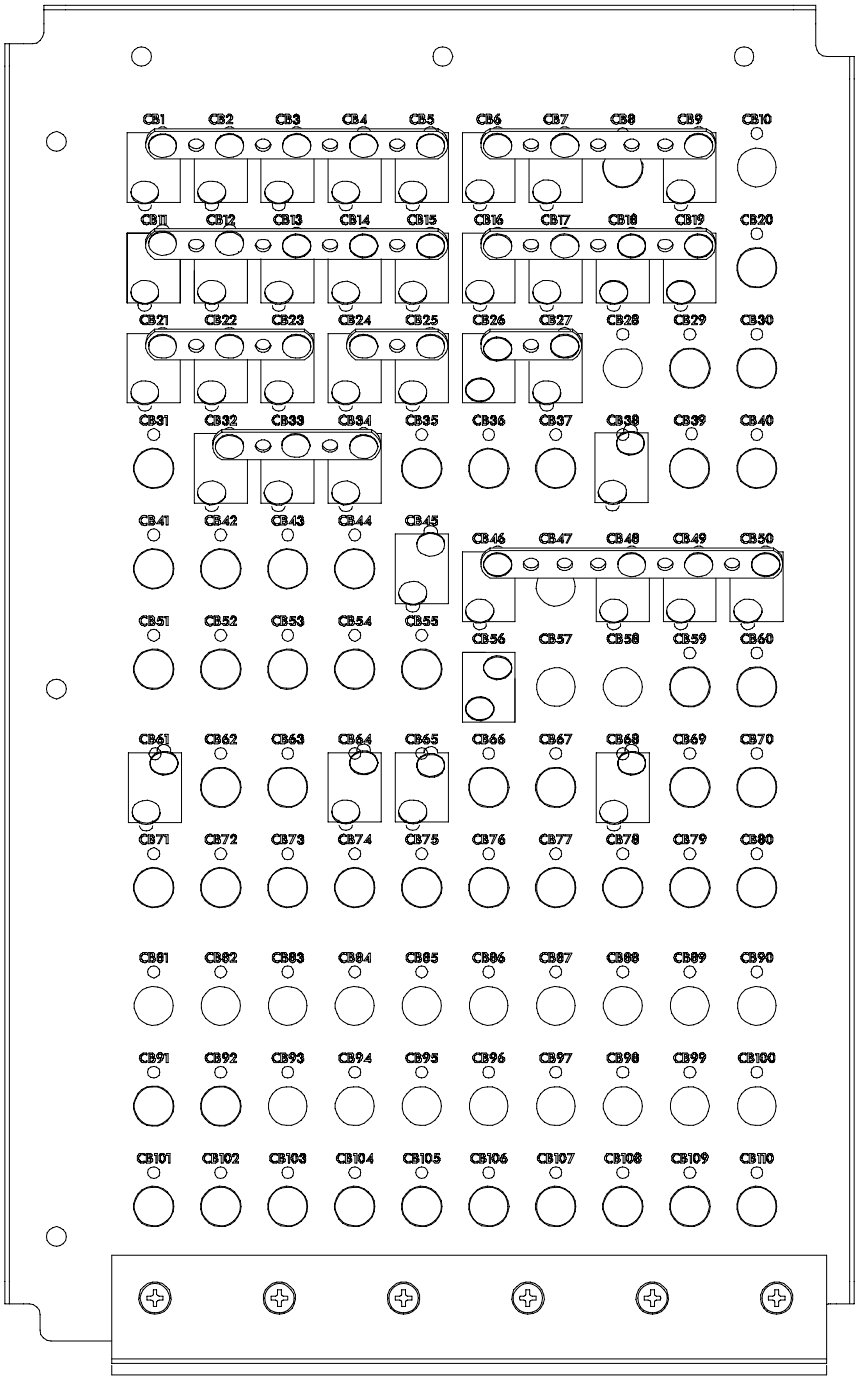
The battery bus circuit breaker panel is part of the electrical load center circuit breaker panel. The battery bus circuit breaker panel is powered by the battery bus. It controls power distribution to:

- Left Boost Pump (**L BST PMP**)
- Right Boost Pump (**R BST PMP**)
- Left Electronic Engine Controller (**L EEC**)
- Right Electronic Engine Controller (**R EEC**)
- Fuel Low (**FUEL LOW**)
- Left Detent (**L DETENT**)
- Right Detent (**R DETENT**)
- Off Gate (**OFF GATE**)
- Left Ignition (**L IGNTR**)
- Right Ignition (**R IGNTR**)
- Avionics Master (**AV MSTR**)
- Fire Detection/Suppression (**FIRE HRD**)
- Encoding Altimeter (**ENC ALT**)
- Rotor Brake (**RTR BRK**)
- Position Lights (**POSN**)
- Strobe Lights (**STROBE**)
- Area Lights (**AREA**)
- Aux Fuel Pump(**AUX FUEL**)
- Aux Fuel Quantity (**AUX FUEL XMIT**)



9G96–062B

Figure 14. Electrical Load Center Circuit Breaker Panels (900 CONFIG)



9G96–061A

Figure 15. Electrical Load Center Circuit Breaker Panel (Back) (900 CONFIG)

J. Battery Bus Circuit Breaker Panel (902 CONFIG)

(Ref. Figure 16 and Figure 17)

The battery bus circuit breaker panel is part of the electrical load center circuit breaker panel. The battery bus circuit breaker panel is powered by the battery bus. It controls power distribution to:

- Left Boost Pump (**L BST PMP**)
- Right Boost Pump (**R BST PMP**)
- Left Electronic Engine Controller (**L EEC**)
- Right Electronic Engine Controller (**R EEC**)
- Left Fuel Low (**LH FUEL LOW**)
- Right Fuel Low (**RH FUEL LOW**)
- Left Detent (**L DETENT**)
- Right Detent (**R DETENT**)
- Left Ignition (**L IGNTR**)
- Right Ignition (**R IGNTR**)
- Avionics Master (**AV MSTR**)
- Fire Detection/Suppression (**FIRE HRD**)
- Hover Light (**HVR LGT**)
- Encoding Altimeter (**ENC ALT**)
- NACA Engine Inlet Flapper Door (**NACA**)
- Smoke Detector (**SMOKE DET**)
- Search Light (**SRCH LGT**)
- Cabin Audio (**CAB AUD**)
- AHRS 1 Primary (**AHRS 2 PRI**)
- Five (5) Volt Dimmer (**5 V DIM**)
- Night Sun Control (**NSUN CONT**)
- Night Sun Power (**NSUN PWR**)
- Cargo Hook (**CARGO HOOK**)
- Position Lights (**POSN**)
- White Strobe Lights (**WHITE STROBE**)
- Red Strobe Lights (**STROBE**)
- Area Lights (**AREA**)
- Aux Fuel Pump(**AUX FUEL**)
- Aux Fuel Quantity (**AUX FUEL XMIT**)

K. Lighting Master Relay

(Ref. Figure 9)

The lighting master relay is located in the electrical load center, and is controlled by the lighting master switch. When the lighting master switch is on, the lighting master relay is closed. This connects power from the battery bus to the lighting bus. When the lighting master switch is off, the lighting master relay is open, and power is disconnected from the lighting bus.

L. Lighting Bus

(Ref. Figure 9)

The lighting bus is located in the electrical load center and provides a central location for the distribution of lighting bus power. The lighting bus circuit breaker panel is part of the electrical load center circuit breaker panel. It is powered by the lighting bus.

M. Lighting Bus Circuit Breaker Panel (900 CONFIG)

(Ref. Figure 14 and Figure 15)

The circuits controlled by the lighting bus circuit breaker panel are:

- Console Lights (**CNSL**)
- Instrument Lights (**INSTR**)

N. Lighting Bus Circuit Breaker Panel (902 CONFIG)

(Ref. Figure 16 and Figure 17)

The circuits controlled by the lighting bus circuit breaker panel are:

- Console Lights (**CNSL**)

O. Left Generator Bus

(Ref. Figure 9 and Figure 18)

The left generator bus is located in the electrical load center. It provides a central location for the distribution of the left generator power. The left generator bus load can be

read on the IIDS with a menu–selectable display.

P. Left Generator Bus Shunt

(Ref. Figure 9 and Figure 18)

The left generator bus shunt is located in the electrical load center. It is a 1 milliohm resistance that is in series with the left generator bus and provides a means of monitoring the bus load.

The left generator bus shunt provides the input (a voltage drop proportional with generator current) to the IIDS display of the left generator load.

Q. Left Generator Bus Circuit Breaker Panel (900 CONFIG)

(Ref. Figure 14 and Figure 15)

The left generator bus circuit breaker panel is powered by the left generator bus, and is part of the electrical load center circuit breaker panel. The circuits controlled by the left generator bus circuit breaker panel are:

- Audio Panel 2 (**AUDIO PNL2**)
- Cargo Hook (**CRGO HOOK**)
- Cockpit Utilities (**CKPT UTIL**)
- Cabin Utilities (**CAB UTIL**)
- Evaporator (**EVAP**)
- Vent Evaporator (**VENT EVAP**)
- Compressor (**COMP**)
- Pitot Heat 2 (**PITOT HEAT 2**)
- Attitude Gyro 2 (**ATT GYRO 2**)
- Hover Light (**HVR LGT**)
- Condenser Fan 2 (**CNDSR FAN 2**)
- Left Windscreen Wiper Motor (**LH WIPER**)

R. Left Generator Bus Circuit Breaker Panel (902 CONFIG)

(Ref. Figure 16 and Figure 17)

The left generator bus circuit breaker panel is powered by the left generator bus, and is part of the electrical load center circuit breaker panel. The circuits controlled by the left generator bus circuit breaker panel are:

- Audio Panel 2 (**AUDIO PNL2**)
- Cockpit Utilities (**CKPT UTIL**)
- Cabin Utilities (**CAB UTIL**)
- Evaporator (**EVAP**)
- Vent Evaporator (**VENT EVAP**)
- Compressor (**COMP**)
- Pitot Heat 2 (**PITOT HEAT 2**)
- Left DC Feeder (**LH DC FDR**)
- Condenser Fan 2 (**CNDSR FAN 2**)
- Left Windscreen Wiper Motor (**LH WIPER**)

S. Left Avionics Bus Relay

(Ref. Figure 9)

The left avionics bus relay is located in the electrical load center. It controls power to the left avionics bus.

T. Left Avionics Bus

(Ref. Figure 9)

The left avionics bus is located in the electrical load center. When the avionics master switch is **ON**, the left avionics bus relay is closed and power from the left generator bus is routed through the left avionics bus relay to power the left avionics bus.

U. Left Avionics Bus Circuit Breaker Panel (900 CONFIG)

(Ref. Figure 14 and Figure 15)

The left avionics bus circuit breaker panel is part of the electrical load center circuit breaker panel. The circuits controlled by the left avionics bus circuit breaker panel are:

- Automatic Direction finder (**ADF 2**)
- Radar Receiver/Transmitter (**RADAR RT**)
- Radar Indicator (**RADAR IND**)
- Radar Inverter (**RADAR INVTR**)
- Radar Altimeter (**RAD ALT**)
- Marker Beacon (**MKR BCN**)

- Communication 2 (**COM 2**)
- Transponder (**XPNDR 2**)
- Direction (**DIR GYRO 2**)
- Navigation 2 (**NAV 2**)

V. Left Avionics Bus Circuit Breaker Panel (902 CONFIG)

(Ref. Figure 16 and Figure 17)

The left avionics bus circuit breaker panel is part of the electrical load center circuit breaker panel. The circuits controlled by the left avionics bus circuit breaker panel are:

- Automatic Direction finder (**ADF 2**)
- Radar Receiver/Transmitter (**RADAR RT**)
- Radar Indicator (**RADAR IND**)
- Public Address Power (**PA PWR**)
- Radar Altimeter (**RAD ALT**)
- Marker Beacon (**MKR BCN**)
- Communication 2 (**COM 3**)
- Transponder (**XPNDR 2**)
- Direction (**DIR GYRO 2**)
- Navigation 2 (**NAV 3**)
- Moving Map (**MVG MAP**)

W. Right Generator Bus

(Ref. Figure 9 and Figure 18)

The right generator bus is located in the electrical load center. It provides a central location for the distribution of the right generator power. The right generator bus load can be read on the IIDS with a menu select-able display.

X. Right Generator Bus Shunt

(Ref. Figure 9 and Figure 18)

The right generator bus shunt is located in the electrical load center. It is a 1 milliohm resistance that is in series with the right generator bus and provides a means of monitoring the bus load.

The right generator bus shunt provides the input (a voltage drop proportional with generator current) to the IIDS display of the right generator load.

Y. Right Generator Bus Circuit Breaker Panel (900 CONFIG)

(Ref. Figure 14 and Figure 15)

The right generator bus circuit breaker panel is powered by the left generator bus, and is part of the electrical load center circuit breaker panel. The circuits controlled by the right generator bus circuit breaker panel are:

- Integrated Instrument Display System (**IIDS**)
- Tracking Strobe (**TRAK STB**)
- Collective Friction Unit (**CFU**)
- Avionics Fan (**AV FAN**)
- Inlet Particle Separator (**IPS**)
- Attitude Gyro 1 (**ATT GYRO 1**)
- Condenser Fan 1 (**CNDSR FAN 1**)
- Landing Light (**LAND LGT**)
- Condenser Fan 1 (**CNDSR FAN 1**)
- Right Windscreen Wiper Motor (**RH WIPER**)

Z. Right Generator Bus Circuit Breaker Panel (902 CONFIG)

(Ref. Figure 16 and Figure 17)

The right generator bus circuit breaker panel is powered by the left generator bus, and is part of the electrical load center circuit breaker panel. The circuits controlled by the right generator bus circuit breaker panel are:

- Integrated Instrument Display System (**IIDS**)
- Tracking Strobe (**TRAK STB**)
- Right DC Feeder (**RH DC FDR**)
- Avionics Fan (**AV FAN**)
- Inlet Particle Separator (**IPS**)
- Attitude Gyro 1 (**ATT GYRO 1**)
- Condenser Fan 1 (**CNDSR FAN 1**)

- Hydraulic Test (**HYD TEST**)
- Condenser Fan 1 (**CNDSR FAN 1**)
- Hoist Power **(HOIST PWR)**
- Hoist Cut **(HOIST CUT)**
- Pilot Clock **(PILOT CLOCK)**
- Emergency Locator transmitter **(ELT)**
- Right Windscreen Wiper **(R W/S WIPER)**
- AHRS 2 Auxiliary **(AHRS 2 AUX)**
- Right Windscreen Wiper Motor (**RH WIPER**)

AA. Right Avionics Bus Relay

(Ref. Figure 9)

The right avionics bus relay is located in the electrical load center. It controls power to the right avionics bus.

AB. Right Avionics Bus

(Ref. Figure 9)

The right avionics bus is located in the electrical load center. It provides a central location for the distribution of the right avionics bus power. When the avionics master switch is **ON**, the right avionics bus relay is closed and power from the right generator bus is routed through the right avionics bus relay to power the right avionics bus.

AC. Right Avionics Bus Circuit Breaker Panel (900 CONFIG)

(Ref. Figure 14 and Figure 15)

The right avionics bus circuit breaker panel is part of the electrical load center circuit breaker panel. The circuits controlled by the right avionics bus circuit breaker panel are:

- Automatic Direction Finder (**ADF 1**)
- FM Control (**FM CTRL**)
- FM1 Receiver/Transmitter (**FM1 RT**)
- FM2 Receiver/Transmitter (**FM2 RT**)
- FM3 Receiver/Transmitter (**FM3 RT**)
- Distance Measuring Equipment (**DME**)
- Long Range Navigation (**LORAN**)
- Global Positioning System (**GPS**)

AD. Right Avionics Bus Circuit Breaker Panel (902 CONFIG)

(Ref. Figure 16 and Figure 17)

The right avionics bus circuit breaker panel is part of the electrical load center circuit breaker panel. The circuits controlled by the right avionics bus circuit breaker panel are:

- Automatic Direction Finder (**ADF 1**)
- FM Control (**FM CTRL**)
- FM1 Receiver/Transmitter (**FM1 RT**)
- FM2 Receiver/Transmitter (**FM2 RT**)
- FM3 Receiver/Transmitter (**FM3 RT**)
- Distance Measuring Equipment (**DME**)
- Storm Scope (**STORM SCOPE**)
- Camera (**CAMERA**)
- Nav 1 (**NAV 1**)
- RMI (**RMI**)

AE. Left Essential Bus (902 CONFIG)

(Ref. Figure 16 and Figure 17)

The left essential bus is located on the electrical load center circuit breaker panel and provides power to the:

- Flight Director (**FLT DIR**)
- FD SYN (**FD SYN**)
- Mode Select (**MODE SEL**)
- Inverter (**INVTR**)

AF. 26 Volt AC Bus (902 CONFIG)

(Ref. Figure 16 and Figure 17)

The 26 Volt AC bus is located on the electrical load center circuit breaker panel and provides power to:

- Heading (**HDG**)
- SAS Autopilot (**SAS/AP**)
- ADF (**ADF**)

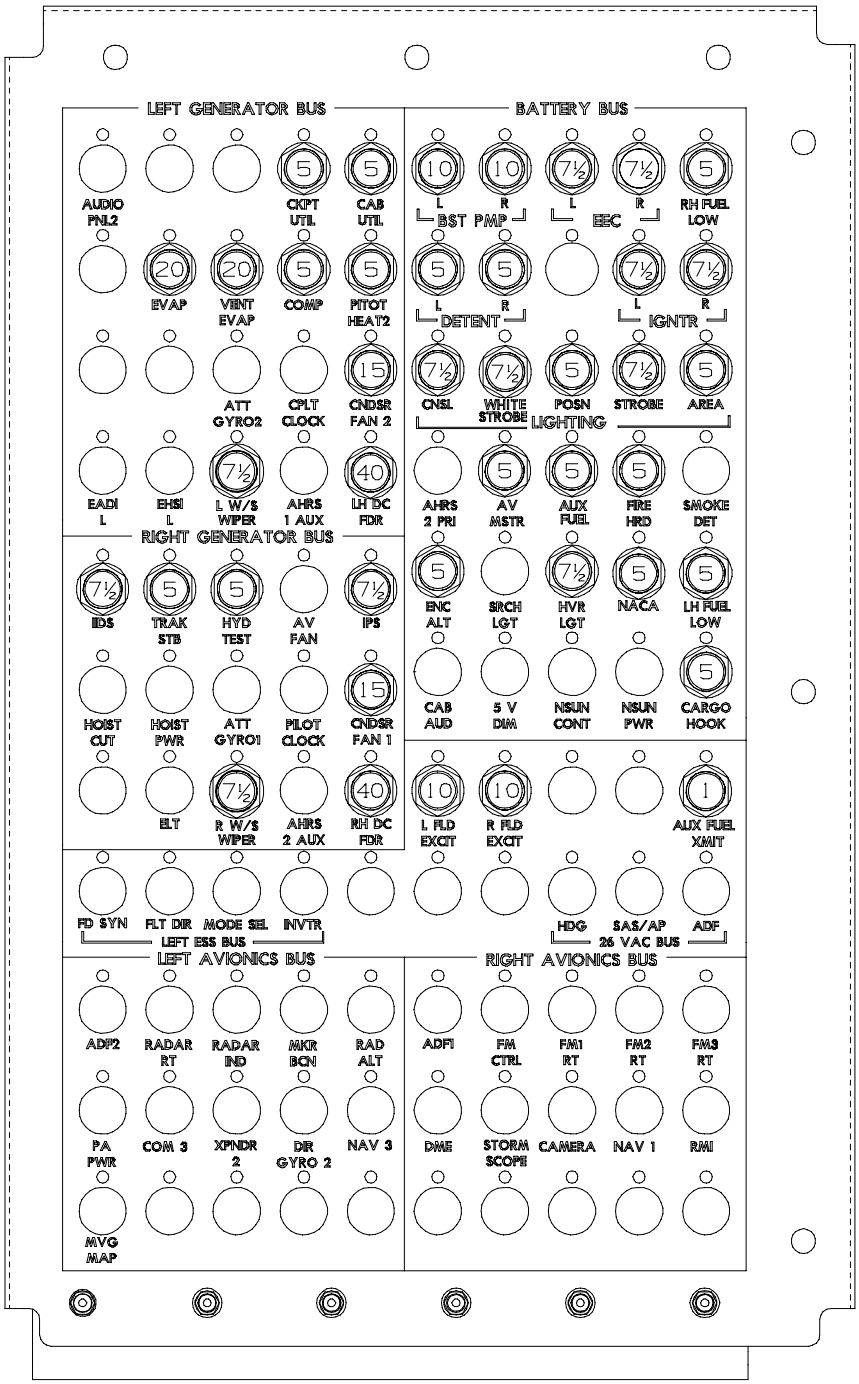


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Figure 16. Electrical Load Center Circuit Breaker Panels (902 CONFIG)

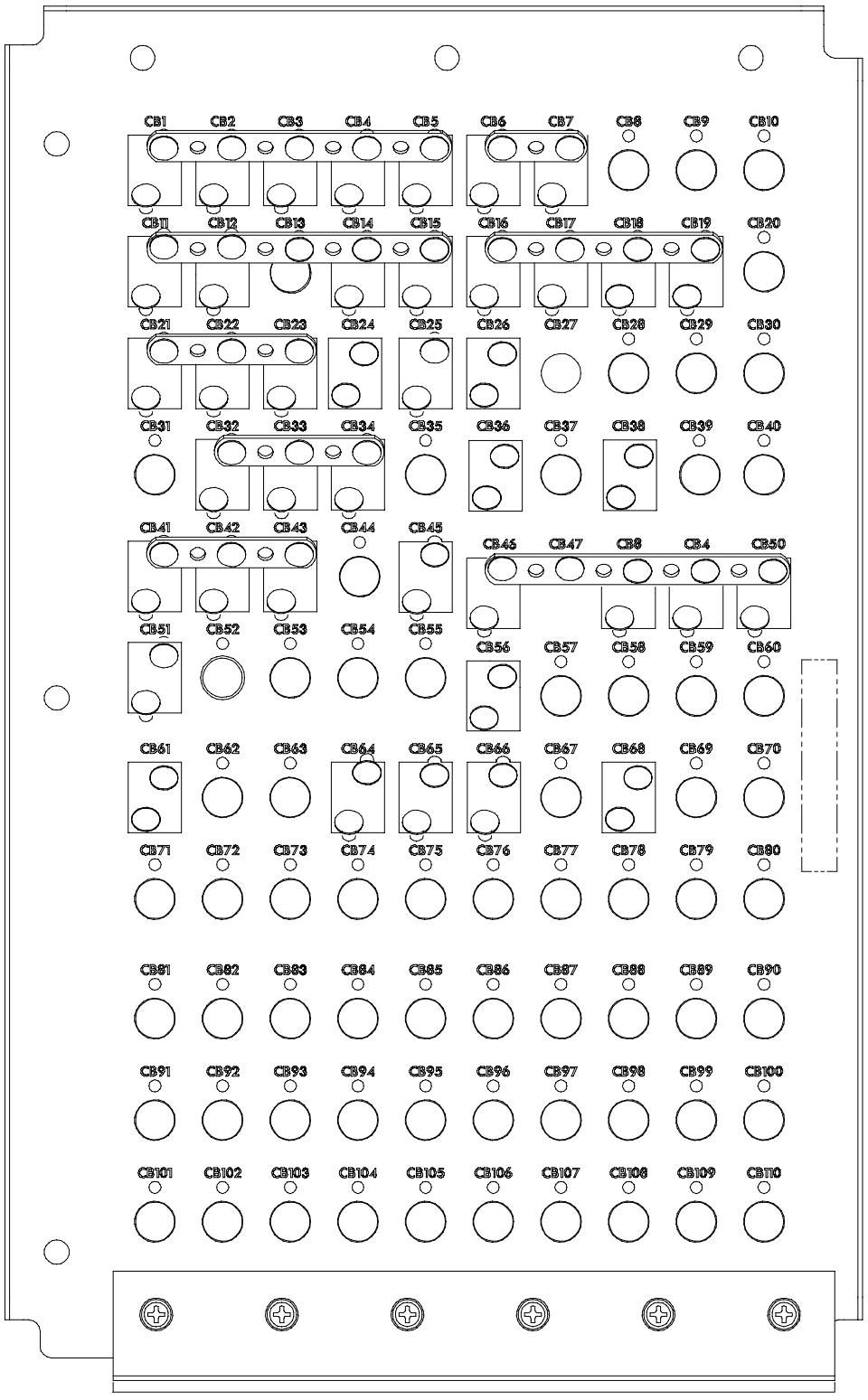

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Figure 17. Electrical Load Center Circuit Breaker Panel (Back) (902 CONFIG)

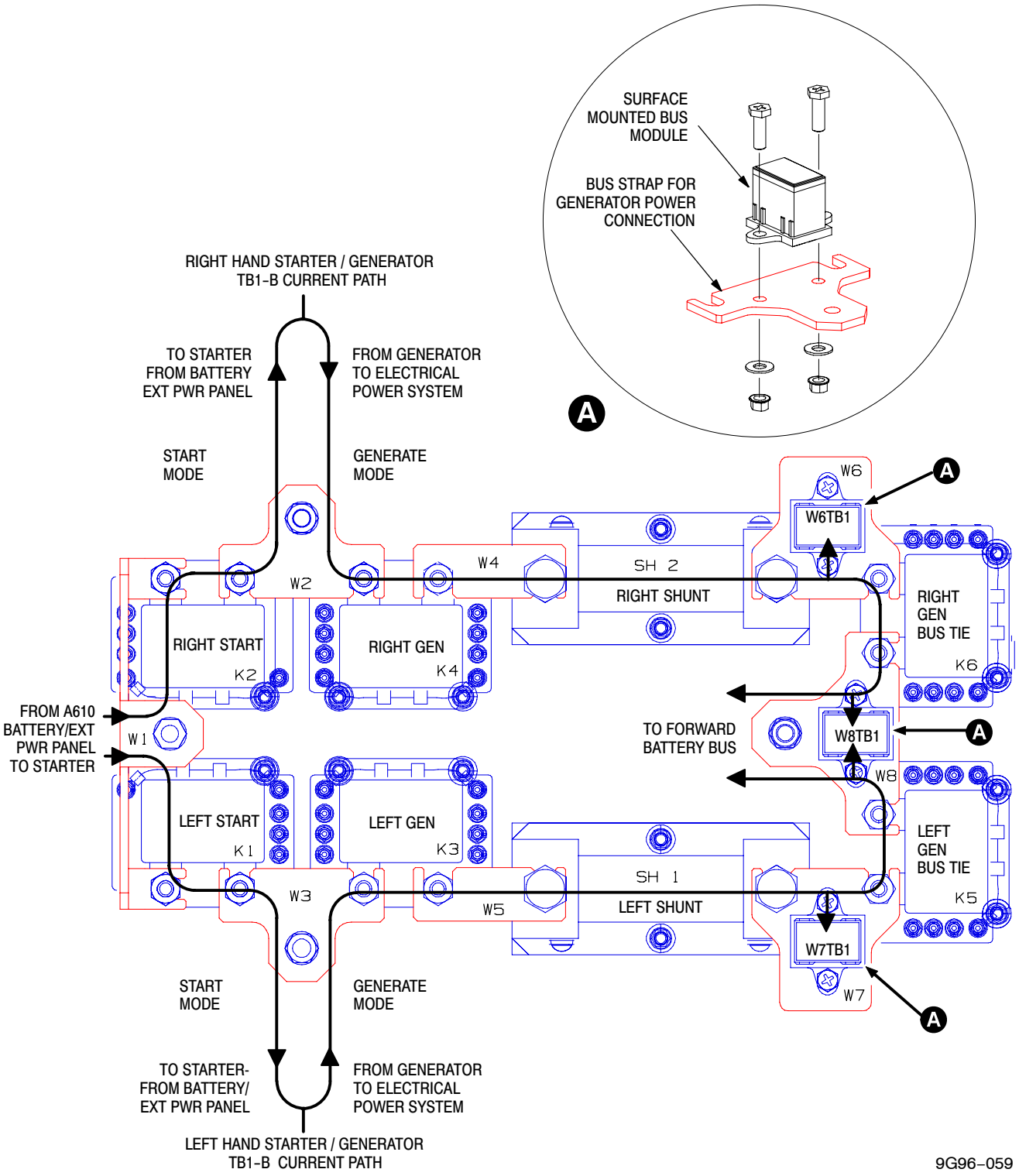

Figure 18. Electrical Load Center Current Path and Power Relays

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ELECTRICAL POWER SYSTEMS

FAULT ISOLATION

1. Power Buses System Troubleshooting

NOTE: To find if a power bus is serviceable, refer to the description and operation of DC power systems for a list of systems and components on each power bus. If a system or component on the power bus is serviceable, then the power bus is serviceable. Refer to fault isolation procedures in applicable section of maintenance manual for unserviceable system or component.

The fault isolation procedures that follow, are a brief summary of power buses system faults which can occur (Ref. Table 101).

Refer to Table 103 for a brief summary of Generator Control Unit (GCU) system faults which can occur.

Full wire diagrams are available (Ref. Section 98–40–00).

Table 101. Power Busses System Troubleshooting

Fault	Probable Cause	Corrective Action	Ref. Section
No power to lighting bus. (On **ELECTRICAL MASTER** panel, **POWER** switch is set to **BAT**/**EXT** position. On **LIGHTING CONTROL** panel, **LT MSTR** switch is set to **ON** position.)	No power to battery bus.	Ref. Power Busses System Troubleshooting (No power to battery bus).	96–00–00
	Defective wiring.	Test and repair wiring.	98–40–00 and CSP–SPM
	Defective master light switch.	Replace master light switch.	96–00–00
	Defective light master relay.	Replace light master relay (K10) located in electrical load center.	96–00–00
No power to essential bus. (On **ELECTRICAL MASTER** panel, **POWER** switch is set to **BAT**/**EXT** position. With **EXTERNAL POWER** Applied to the aircraft.)	No power to battery bus.	Ref. Power Busses System Troubleshooting (No power to battery bus).	96–00–00
No power to essential bus. (On **ELECTRICAL MASTER** Panel, **POWER** switch is set to **BAT**/**EXT** position. Without **EXTERNAL POWER** applied to the aircraft.)	Defective battery.	Ref. Battery Troubleshooting.	96–10–00
	Defective wiring.	Test and repair wiring.	98–40–00 and CSP–SPM
	Defective power diode(s).	Replace defective power diode.	96–00–00
	Defective **POWER** switch.	Replace **POWER** switch.	96–00–00

Table 101. Power Busses System Troubleshooting (Cont.)

Fault	Probable Cause	Corrective Action	Ref. Section
No power to essential bus. (On **ELECTRICAL MASTER** panel, **POWER** switch is set to **ESSN** position. With or without **EXTERNAL POWER** applied to the aircraft.)	Defective battery.	Ref. Battery Troubleshooting.	96–10–00
	Defective wiring.	Test and repair wiring.	98–40–00 and CSP–SPM
	Defective essential bus relay.	**900 CONFIG –** Replace essential bus relay (K3) located in A610.	96–00–00
		902 CONFIG – Replace left essential bus relay (K3), or right essential bus relay (K7) located in A610 or A614.	96–00–00
	Defective generator/ext pwr available relay.	Replace generator/ext pwr available relay (K4–2) located in A610 or A614.	96–00–00
	Defective **POWER** switch.	Replace **POWER** switch.	96–00–00
No power to battery bus. (On **ELECTRICAL MASTER** panel, **POWER** switch is set to **BAT**/**EXT** position. With **EXTERNAL POWER** applied to the aircraft.)	Defective wiring.	Test and repair wiring.	98–40–00 and CSP–SPM
	Defective **POWER** switch.	Replace **POWER** switch.	96–00–00
No power to battery bus. (On **ELECTRICAL MASTER** panel, **POWER** switch is set to **BAT**/**EXT** position. Without **EXTERNAL POWER** applied to the aircraft.)	Defective battery.	Ref. Battery Troubleshooting.	96–10–00
	Defective wiring.	Test and repair wiring.	98–40–00 and CSP–SPM
	Defective battery relay.	Replace battery relay (K1) located in A610 or A614.	96–00–00
	Defective **POWER** switch.	Replace **POWER** switch.	96–00–00
No power to left avionics bus. (On **ELECTRICAL MASTER** panel, **POWER** switch is set to **BAT**/**EXT** position and **AVIONICS** switch is in **ON** position).	No power to left generator bus.	Ref. Power Bus Troubleshooting (No power to left generator bus).	96–00–00
	Defective wiring.	Test and repair wiring.	98–40–00 and CSP–SPM
	Defective left avionics bus relay.	Replace left avionics bus relay (K9–3/4) located in electrical load center.	96–00–00
	Defective avionics switch.	Replace avionics switch.	96–00–00

Table 101. Power Busses System Troubleshooting (Cont.)

Fault	Probable Cause	Corrective Action	Ref. Section
No power to right avionics bus. (On **ELECTRICAL MASTER** panel, **POWER** switch is set to **BAT**/**EXT** position and **AVIONICS** switch is in **ON** position).	No power to right generator bus.	Ref. Power Bus Troubleshooting (No power to right generator bus).	96–00–00
	Defective wiring.	Test and repair wiring.	98–40–00 and CSP–SPM
	Defective right avionics bus relay.	Replace right avionics bus relay (K9–1/2) located in electrical load center.	96–00–00
	Defective avionics switch.	Replace avionics switch.	96–00–00
No power to left generator bus (On **ELECTRICAL MASTER** panel, **POWER** switch is set to **BAT**/**EXT** and **L GEN** switch is set to **ON**, **R GEN** switch is set to **OFF**).	Defective wiring.	Test and repair wiring.	98–40–00 and CSP–SPM
	Defective left GCU.	Refer to GCU System Troubleshooting.	96–00–00
	Defective left generator line contactor relay.	Replace left generator line contactor relay (K3) located in electrical load center.	96–00–00
	Defective left aux generator line contactor relay.	Replace left aux generator line contactor relay (K9–7/8) located in electrical load center.	96–00–00
	Defective left generator.	Replace left generator.	71–00–00
No power on left generator bus. (On **ELECTRICAL MASTER** panel, **POWER** switch is set to **BAT**/**EXT** and **L GEN** switch is set to **OFF**, **R GEN** switch is set to **ON**	Defective bus tie relay	Replace right bus tie relay (K6) located in electrical load center.	96–00–00

Table 101. Power Busses System Troubleshooting (Cont.)

Fault	Probable Cause	Corrective Action	Ref. Section
No power to right generator bus (On **ELECTRICAL MASTER** panel, **POWER** switch is set to **BAT**/**EXT** and **R GEN** switch is set to **ON**, **L GEN** switch is set to **OFF**).	Defective wiring.	Test and repair wiring.	98–40–00 and CSP–SPM
	Defective right GCU.	Refer to GCU System Troubleshooting.	96–00–00
	Defective right generator line contactor relay.	Replace right generator line contactor relay (K4) located in electrical load center.	96–00–00
	Defective right aux generator line contactor relay.	Replace right aux generator line contactor relay (K9–5/6) located in electrical load center.	96–00–00
	Defective right generator.	Replace right generator.	71–00–00
No power on right generator bus. (On **ELECTRICAL MASTER** panel, **POWER** switch is set to **BAT**/**EXT** and **R GEN** switch is set to **OFF**, **L GEN** switch is set to **ON**).	Defective bus tie relay.	Replace left bus tie relay (K5) located in electrical load center.	96–00–00

2. DC Power System Troubleshooting

The fault isolation procedures that follow are a brief summary of DC power system faults which can occur (Ref. Table 102).

Refer to Table 103 for a brief summary of Generator Control Unit (GCU) system faults which can occur.

Full wire diagrams are available (Ref. Section 98–40–00).

Both engines in operation, **L GEN** and **R GEN** switches set to **ON**.

Table 102. DC Power System Troubleshooting

Fault	Probable Cause	Corrective Action	Ref. Section
Left **% LOAD** on IIDS shows **0** and right **% LOAD** shows **99**.	Defective wiring.	Test and repair wiring.	98–40–00 and CSP–SPM
	Defective left GCU.	Refer to GCU System Troubleshooting.	96–00–00
	Defective left generator line contactor relay.	Replace left generator line contactor relay (K3) located in electrical load center.	96–00–00
	Defective left aux generator line contactor relay.	Replace left aux generator line contactor relay (K9–7/8) located in electrical load center.	96–00–00
	Defective IIDS.	Refer to IIDS Troubleshooting.	95–30–00
	Defective left generator.	Replace left generator.	71–00–00
Right **% LOAD** on IIDS shows **0** and left **% LOAD** shows **99**.	Defective wiring.	Test and repair wiring.	98–40–00 and CSP–SPM
	Defective right GCU.	Refer to GCU System Troubleshooting.	96–00–00
	Defective right generator line contactor relay.	Replace right generator line contactor relay (K4) located in electrical load center.	96–00–00
	Defective right aux generator line contactor relay.	Replace right aux generator line contactor relay (K9–5/6) located in electrical load center.	96–00–00
	Defective IIDS.	Refer to IIDS Troubleshooting.	95–30–00
	Defective right generator.	Replace right generator.	71–00–00
Left and right **% LOAD** on IIDS are not between **45** and **55**.	Defective GCU(s).	Refer to GCU System Troubleshooting.	96–00–00
	Defective IIDS.	Refer to IIDS Troubleshooting.	95–30–00
	Defective generator.	Replace generator.	71–00–00

Table 102. DC Power System Troubleshooting (Cont.)

Fault	Probable Cause	Corrective Action	Ref. Section
Left **GEN** caution annunciator on IIDS is on.	Defective wiring.	Test and repair wiring.	98–40–00 and CSP–SPM
	Defective left GCU.	Refer to GCU System Troubleshooting.	96–00–00
	Defective left generator line contactor relay.	Replace left generator line contactor relay (K3) located in electrical load center.	96–00–00
	Defective left aux generator line contactor relay.	Replace left aux generator line contactor relay (K9–7/8) located in electrical load center.	96–00–00
	Defective IIDS.	Refer to IIDS Troubleshooting.	95–30–00
	Defective left generator.	Replace left generator.	71–00–00
Right **GEN** caution annunciator on IIDS is on.	Defective wiring.	Test and repair wiring.	98–40–00 and CSP–SPM
	Defective right GCU.	Refer to GCU System Troubleshooting.	96–00–00
	Defective right generator line contactor relay.	Replace right generator line contactor relay (K4) located in electrical load center.	96–00–00
	Defective right aux generator line contactor relay.	Replace right aux generator line contactor relay (K9–5/6) located in electrical load center.	96–00–00
	Defective IIDS.	Refer to IIDS Troubleshooting.	95–30–00
	Defective right generator.	Replace right generator.	71–00–00

3. Starting System Troubleshooting

Ref. CSP–900RMM–2, Section 71–00–00 for starting system faults which can occur.

4. GCU System Troubleshooting

The failure isolation procedures that follow, are a brief summary of GCU system faults which can occur (Ref. Table 103).

Each GCU has four LED to indicate system faults. The LED can be on, off, or flash.

Full wire diagrams are available (Ref. Section 98–40–00).

Table 103. GCU System Troubleshooting

Fault	Probable Cause	Corrective Action	Ref. Section
GCU – Off **OV** – Off **GF** – Off **SYS** – Flash	Start relay coil shorted.	Replace start relay (K1 or K2).	96–00–00
	Line contactor coil shorted.	Replace generator line contactor relay (K3 or K4).	96–00–00
	Bus tie relay coil shorted.	Replace bus tie relay (K5 or K6).	96–00–00
	Overload on opposite side or bus tie.	Examine opposite side of system for failures listed above.	
	Line contactor failed closed.	Replace generator line contactor relay (K3 or K4).	96–00–00
	Generator field shorted.	Replace generator (Ref. Related Manaufacturers Publication).	71–00–00
	Open generator shunt.	Replace generator (Ref. Related Manaufacturers Publication).	71–00–00
	Open generator speed sensor.	Replace generator (Ref. Related Manaufacturers Publication).	71–00–00
	Open Point of Regulation (generator).	Replace generator (Ref. Related Manaufacturers Publication).	71–00–00
GCU – Off **OV** – Off **GF** – Flash **SYS** – Flash	Overload on generator bus	Replace GCU.	96–00–00
		Replace generator.	71–00–00
GCU – Off **OV** – Off **GF** – Flash **SYS** – Off	Overload on generator terminals	Replace GCU.	96–00–00
		Replace generator (Ref. Related Manaufacturers Publication).	71–00–00
GCU – Off **OV** – Flash **GF** – Off **SYS** – Flash	Overexcitation	Replace generator (Ref. Related Manaufacturers Publication).	71–00–00

Table 103. GCU System Troubleshooting (Cont.)

Fault	Probable Cause	Corrective Action	Ref. Section
GCU – Off **OV** – Flash **GF** – Off **SYS** – Off	Overvoltage	Replace generator (Ref. Related Manaufacturers Publication).	71–00–00
GCU – Flash **OV** – Flash **GF** – Off **SYS** – Off	OV/Field transistor short	Replace generator (Ref. Related Manaufacturers Publication).	71–00–00
GCU – Flash **OV** – Off **GF** – Off **SYS** – Off	GCU fail	Replace GCU.	96–00–00
GCU – On **OV** – Off **GF** – Off **SYS** – Off	GCU CPU/Watchdog fail	Replace GCU.	96–00–00

5. Battery Charging System Troubleshooting

The failure isolation procedures that follow are a brief summary of battery charging system faults which can occur (Ref. Table 104). Full wire diagrams are available (Ref. Section 98–40–00).

Table 104. Battery Charging System Troubleshooting

Fault	Probable Cause	Corrective Action	Ref. Section
No power to battery.	No power on generator bus.	Refer to Power Busses System Troubleshooting.	96–00–00
	Defective wiring.	Test and repair wiring.	98–40–00 and CSP–SPM
Charging voltage too high.	Defective GCU.	Refer to GCU System Troubleshooting.	96–00–00
	Defective wiring.	Test and repair wiring.	98–40–00 and CSP–SPM
Charging voltage too low.	Defective GCU.	Refer to GCU System Troubleshooting.	96–00–00
	Defective wiring.	Test and repair wiring.	98–40–00 and CSP–SPM
Charging current too high.	Defective GCU.	Refer to GCU System Troubleshooting.	96–00–00
	Defective wiring.	Test and repair wiring.	98–40–00 and CSP–SPM
	Defective Battery	Replace Battery	96–10–00

ELECTRICAL POWER
MAINTENANCE PRACTICES

1. Helicopter Electrical Power

A. Disconnect Electrical Power

(Ref. Figure 201 and Figure 4)

(1). On **ELECTRICAL MASTER** panel, make sure **POWER** switch (1) is set to **OFF**.

(2). Make sure external electrical power is disconnected from external electrical power receptacle (2 or 3).

(3). Open nose door N80 (Ref. Section 06–00–00).

Battery

(4). Disconnect battery cable connector **P1** from power connector (5) on battery (4).

B. Connect Electrical Power

(Ref. Figure 201 and Figure 4)

(1). On **ELECTRICAL MASTER** panel, make sure **POWER** switch (1) is set to **OFF**.

(2). Make sure external electrical power is disconnected from external electrical power receptacle (2 or 3).

(3). Open nose door N80 (Ref. Section 06–00–00).

Battery

(4). Connect battery cable connector **P1** to power connector (5) on battery (4).

(5). Close nose door N80 (Ref. Section 06–00–00).

C. Apply External Electrical Power

(Ref. Figure 4)

Special Tools (Ref. CSP–SPM)	
Item	Nomenclature
T2002	Ground Power Unit

CAUTION When you use external electrical power, make sure ground power unit (T2002) is set to correct voltage.

(1). Open access panel R109 or L260 (Ref. Section 06–00–00).

(2). Connect electrical plug on ground power unit (T2002) to external electrical power receptacle (2 or 3).

External Power

(3). Turn on ground power unit (T2002) power.

(4). Set ground power unit (T2002) electrical output to 28 volts.

(5). On **ELECTRICAL MASTER** panel, set **POWER** switch (1) to **BAT/EXT**.

D. Remove External Electrical Power

(1). On **ELECTRICAL MASTER** panel, set **POWER** switch (1) to **OFF**.

External Power

(2). Turn off ground power unit (T2002) power.

(3). Disconnect electrical plug on ground power unit (T2002) from external electrical power receptacle (2 or 3).

(4). Close access panel R109 or L260 (Ref. Section 06–00–00).

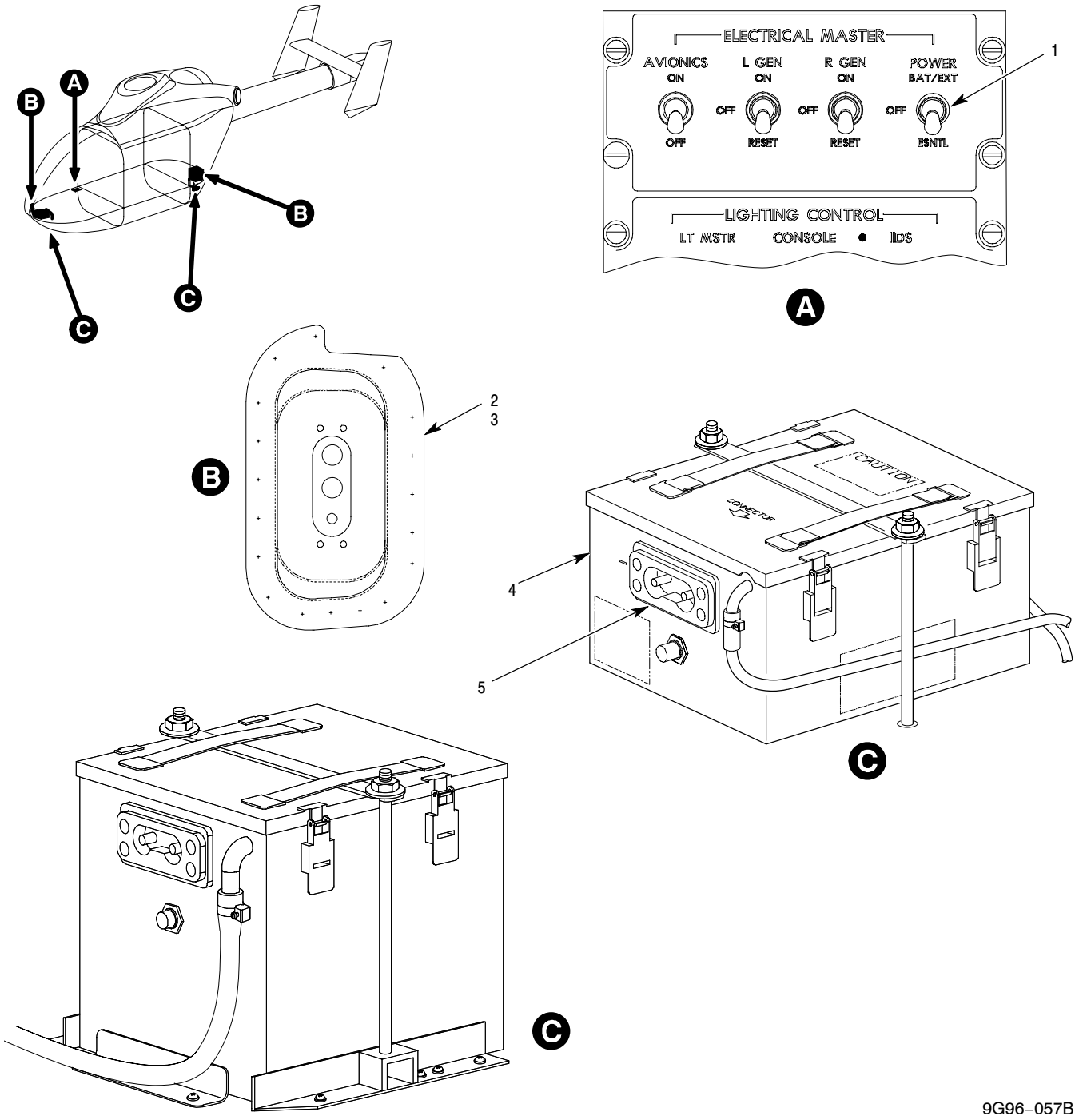
E. Apply Battery Power

CAUTION Battery Discharge

(1). On **ELECTRICAL MASTER** panel, set **POWER** switch (1) to **BAT/EXT**.

F. Remove Battery Power

(1). On **ELECTRICAL MASTER** panel, set **POWER** switch (1) to **OFF**.



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1. **POWER** SWITCH
2. FORWARD ELECTRICAL POWER RECEPTACLE
3. AFT ELECTRICAL POWER RECEPTACLE
4. BATTERY
5. POWER CONNECTOR

Figure 201. Electrical Power

DC POWER SYSTEMS

REMOVAL/INSTALLATION

1. External Power Box Assembly (A610)

NOTE: Install and remove procedures are typical for all external power box assemblies.

A. External Power Box Assembly Removal

(Ref. Figure 401)

Power Off

(1). Make sure all electrical power is disconnected from helicopter.

(2). Open access panel N106 (Ref. Section 06–00–00).

(3). Disconnect electrical connectors **P120** from **J1** (2), **P115** from **J2** (3), and **P1** from **J3** (4).

CAUTION

- Before you remove A610 external power box, tag wires or electrical components for optional systems.
- All wires and electrical components for optional systems must be installed to new box.
- Be careful when you remove cover, wires are attached to inner surface. Damage to wires can occur.

(4). Remove screws (9) and washers (10).

(5). Remove cover (8) sufficiently to get access to inner side of external power box (1).

(6). Remove nut (11), washers (12), and screw (14).

(7). Disconnect bonding jumper (13). Remove cover (8).

(8). Remove nut (15), lock washer (25), and washer (24). Disconnect wire **P1A2**.

(9). Remove nut (17), lock washer (25), and washer (24). Disconnect wire **P75A2**.

(10). Remove nut (19), lock washer (25), and washer (24). Disconnect wire **P3A2**.

(11). Remove nut (48), lock washer (25), and washer (24). Disconnect wire **L10C12**.

(12). Remove screws (49) lock washers (25), and washers (24). Disconnect wires **P31A10** and **P38A10**.

(13). Disconnect or remove wires or components of optional systems.

(14). Remove screws (5) and washers (6). Remove external power box (1).

B. External Power Box Assembly Installation

(Ref. Figure 401)

Consumable Materials (Ref. CSP–SPM)

Item	Nomenclature
C216	Sealant, Fuel Resistant

Power Off

(1). Make sure all electrical power is disconnected from helicopter.

(2). Prepare external power box and mounting brackets for electrical bond (Ref CSP–SPM).

(3). Put external power box on mounting brackets and install screws and washers. Torque screws.

(4). Connect wires **P31A10** and **P38A10**. Install washers, lock washers, and screws. Torque screws.

(5). Connect wire **L10C12**. Install washer, lock washer, and nut Torque nut.

(6). Connect wire **P3A2**. Install washer, lock washer, and nut. Torque nut.

(7). Connect wire **P75A2**. Install washer, lock washer, and nut Torque nut.

(8). Connect wire **P1A2** to **A1**. Install washer, lock washer, and nut. Torque nut.

(9). Connect or install wires or components of optional systems.

(10). Prepare bonding jumper and cover for electrical bond (Ref CSP–SPM).

(11). Install bonding jumper, screw, washers, and nut. Torque screw.

Sealant, Fuel Resistant (C216)

(12). Environmentally seal bonding jumper to cover, use sealant (C216) (Ref. CSP–SPM).

(13). Install cover, screws, and washers. Torque screws.

(14). Connect electrical connectors **P120** to **J1**, **P115** to **J2**, and **P1** to **J3**.

(15). Test external power box for class "R" electrical bond (Ref. CSP–SPM).

(16). Close access panel N106 (Ref. Section 06–00–00).

(17). Connect electrical power to helicopter.

2. Power Diode (A610)

A. Power Diode Removal

(Ref. Figure 401)

(1). Remove external power box assembly.

(2). **CR3 (23) -** Remove nut (20), washers (21), and screw (22). Disconnect wire from power diode (23).

(3). **CR3 (23) -** Remove power diode (23), washer (24), lock washer (25), and nut (26).

(4). **CR7 (27) -** Remove screw (28), washer (29), clamp (30), and power diode (27).

(5). **CR7 (27) -** Remove nut (20), washers (21), and screw (22). Disconnect wire from power diode (27).

(6). **CR7 (27) -** Remove nut (26), washers (24), and lock washer (25). Disconnect wire from power diode (27).

B. Power Diode Installation

(Ref. Figure 401)

Consumable Materials (Ref. CSP–SPM)	
Item	Nomenclature
C223	Silicone Compound, Non–Corrosive

Silicone Compound (C223)

(1). **CR3 (23) -** Apply a thin layer of silicone compound (C223) between diode and relay busbar.

(2). **CR3 (23) -** Install power diode, washer, lock washer, and nut. Torque diode **85–100 in-lb (9.6–11.3 N•m)**.

(3). **CR3 (23) -** After **20–30 minutes** torque diode again **85–100 in-lb (9.6–11.3 N•m)**.

(4). **CR3 (23) -** Connect wire to power diode. Install screw, washers, and nut. Torque nut.

(5). **CR7 (27) -** Connect wire to power diode and install washers, lock washer, and nut. Torque nut.

(6). **CR7 (27) -** Connect wire to power diode. Install screw, washers, and nut. Torque nut.

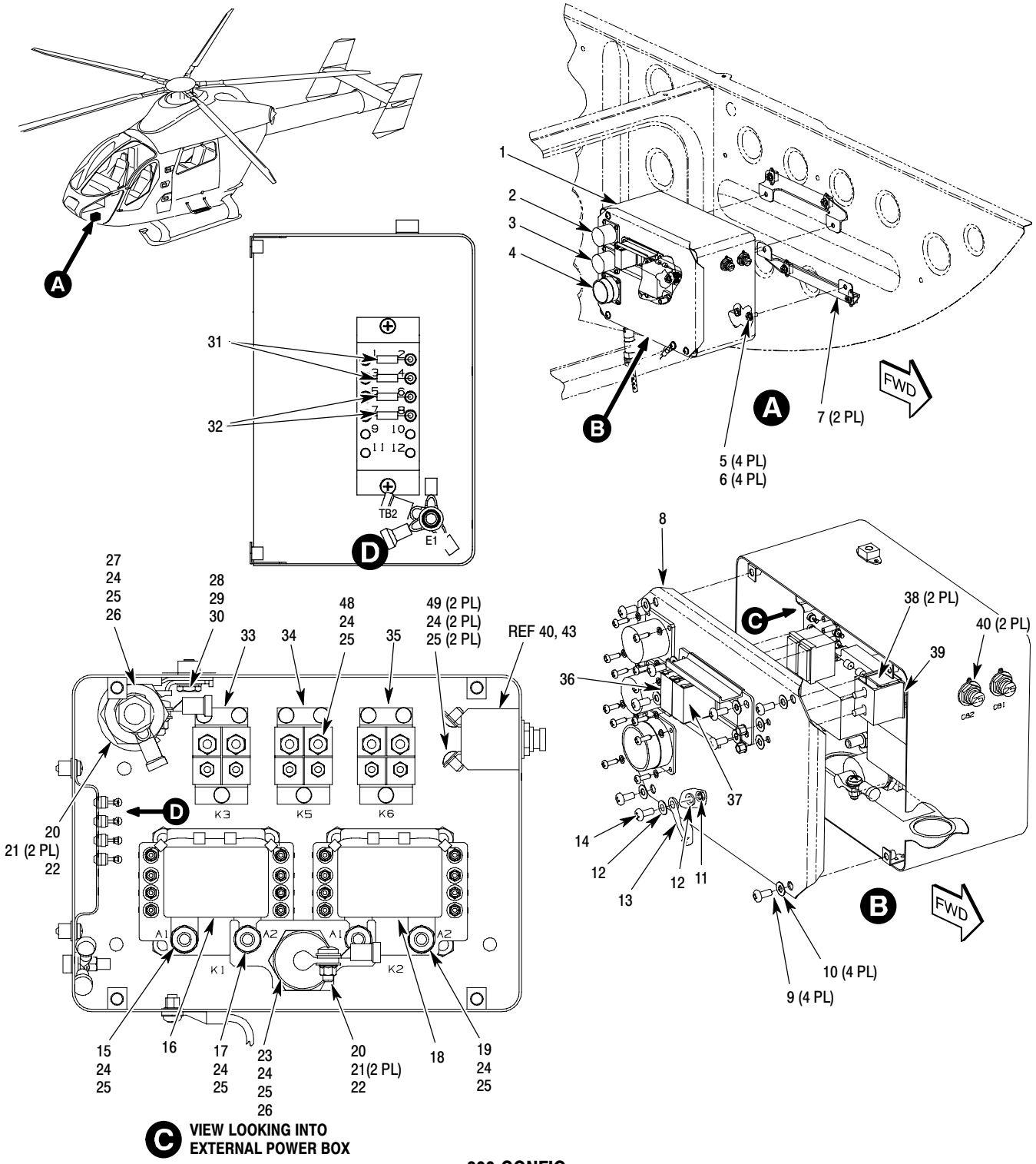
(7). **CR7 (27) -** Install power diode, clamp, screw, and washer. Torque screw.

(8). Install external power box assembly.

3. External Power Box Assembly (A610) Components

(Ref. Figure 401)

NOTE: Ref. CSP–SPM, for remove and install of electrical components and connectors.



900 CONFIG

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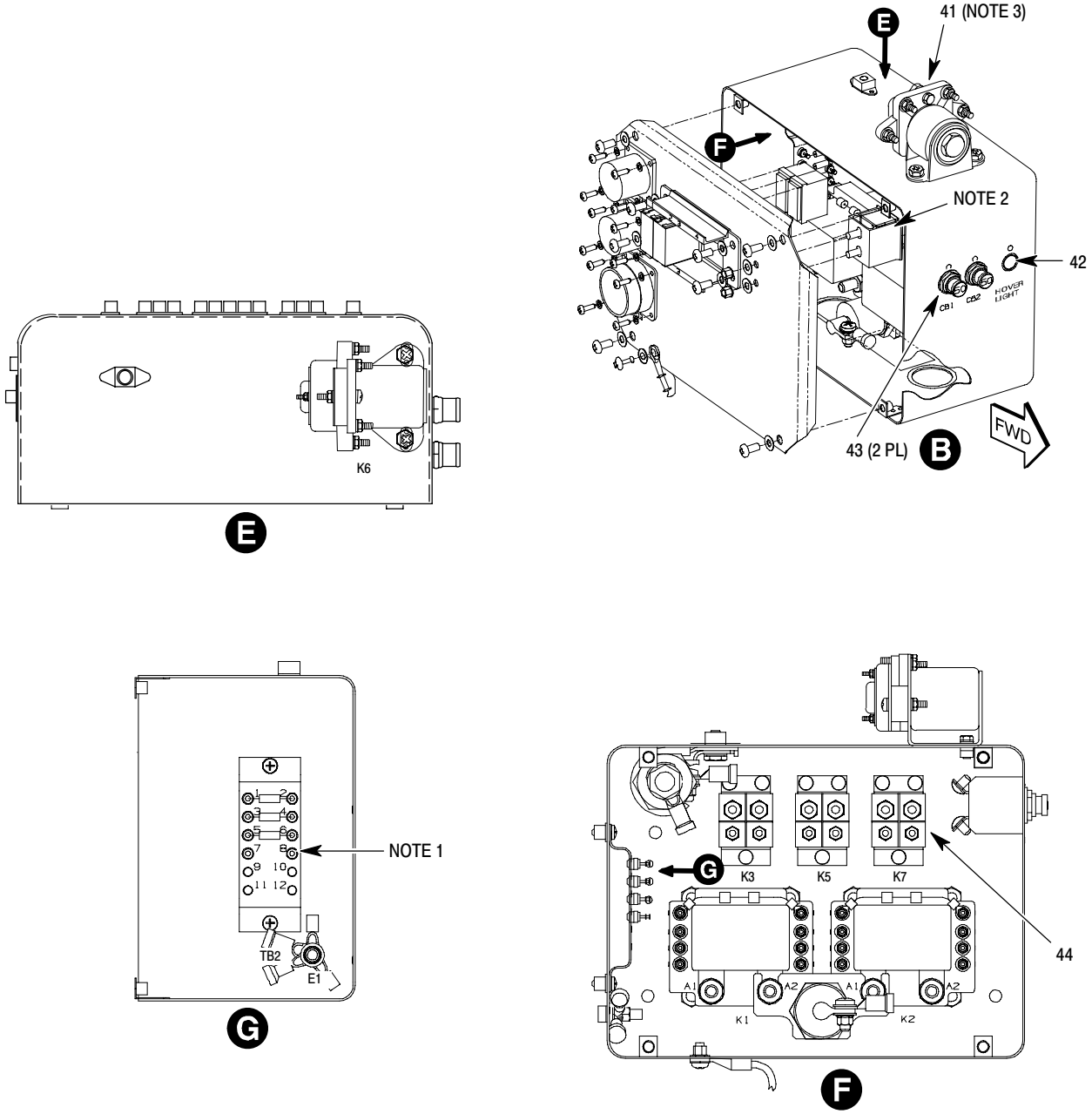
Figure 401. External Power Box Assembly (Sheet 1 of 3)



NOTES:
1. DIODE CR2 REMOVED.
2. TERMINAL JUNCTION SYSTEM CAN BE IN DIFFERENT LOCATION FOR HONEYWELL IFR INSTALLATION. REFER TO HONEYWELL MANUAL 006–0075–0000 FOR NEW LOCATION.
3. HOVER LIGHT RELAY UPGRADED AND RELOCATED.

902 CONFIG

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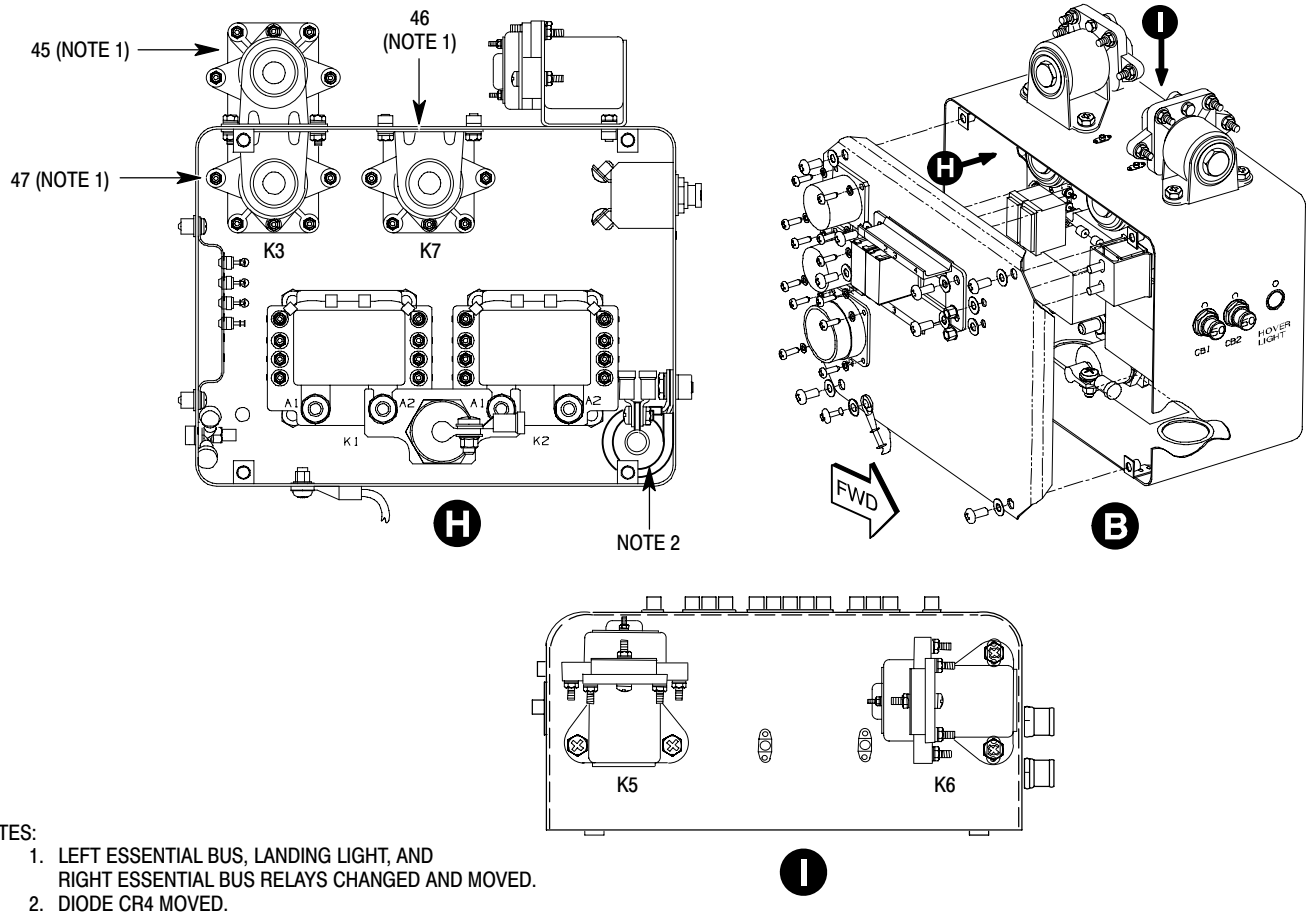
Figure 401. External Power Box Assembly (Sheet 2 of 3)



NOTES:
1. LEFT ESSENTIAL BUS, LANDING LIGHT, AND RIGHT ESSENTIAL BUS RELAYS CHANGED AND MOVED.
2. DIODE CR4 MOVED.

MODIFIED – 902 CONFIG

9G96-036-3

1. EXTERNAL POWER BOX
2. CONNECTOR J1
3. CONNECTOR J2
4. CONNECTOR J3
5. SCREW
6. WASHER
7. BRACKET
8. COVER
9. SCREW
10. WASHER
11. NUT
12. WASHER
13. BONDING JUMPER
14. SCREW
15. NUT
16. RELAY K1 (BATTERY)
17. NUT
18. RELAY K2 (EXTERNAL POWER)
19. NUT
20. NUT
21. WASHER
22. SCREW
23. POWER DIODE (CR3)
24. WASHER
25. LOCK WASHER
26. NUT
27. POWER DIODE (CR4)
28. SCREW
29. WASHER
30. CLAMP
31. RESISTOR
32. DIODE
33. RELAY K3 (ESSENTIAL/LEFT ESSENTIAL BUS) **900/902 CONFIG**
34. RELAY K5 (LANDING LIGHT) **900/902 CONFIG**
35. RELAY K6 (HOVER LIGHT) **900 CONFIG**
36. RELAY K4–1 (BATTERY WARM)
37. RELAY K4–2 (BATTERY WARM DISABLE)
38. TERMINAL BLOCK
39. TERMINAL JUNCTION SYSTEM
40. 25 AMP CIRCUIT BREAKER
41. RELAY K6 (HOVER LIGHT) **902 CONFIG**
42. GROMMET
43. 50 AMP CIRCUIT BREAKER
44. RELAY K7 (RIGHT ESSENTIAL BUS) **902 CONFIG**
45. RELAY K5 (LANDING LIGHT) **MODIFIED – 902 CONFIG**
46. RELAY K7 (RIGHT ESSENTIAL BUS) **MODIFIED – 902 CONFIG**
47. RELAY K3 (LEFT ESSENTIAL BUS) **MODIFIED – 902 CONFIG**
48. NUT
49. SCREW

Figure 401. External Power Box Assembly (Sheet 3 of 3)

4. External Power Relay Assembly – (A614)

NOTE:

- The external power relay assembly is installed in the same area as the battery. This task is typical for either the forward or aft battery installation.
- For the purpose of this task, steps that pertain to the forward installation will begin with **FWD** and the aft installation as **AFT**.

A. External Power Relay Assembly Removal

(Ref. Figure 402)

Power Off

(1). Verify all power is removed from helicopter (Ref. Section 96–00–00). (Ref. CSP–SPM).

(2). **FWD –** Open Nose Door N80 (Ref. Section 06–00–00).

(3). **AFT** – Open baggage compartment door L262 (Ref. Section 06–00–00).

(4). **FWD** – Detach connector P135 (1).

(5). **AFT** – Detach connector P393 (1).

(6). Remove nut (2), washer (3) and electrical bond jumper (4).

(7). Remove four screws (5) and washers (6) holding the cover (7) in place. Remove cover.

(8). **AFT** – Go to step (10).

(9). **FWD** – Disconnect wire lugs from the following:

(a). Disconnect (W121) P75A2 EMI 3 from A614 W1 (8).

(b). Disconnect (W126) P3A2 EMI 3 from A614 K2–A2 (9).

(c). Disconnect (W126) P1A2 EMI 3 from A614 K1–A1 (10).

(d). Disconnect (W137) P259A8 EMI 3 from A614 CL1–2 (11).

(e). Disconnect (W137) P260A8 EMI 3 from A614 CL2–2 (12).

(f). Disconnect (W137) P262A22 EMI 3 from W126 SP1 (13).

(g). Go to step (11).

(10). **AFT –** Disconnect wire lugs from the following:

(a). Disconnect (W325) P375A2 EMI 3 from A614 W1 (8).

(b). Disconnect (W325) P303A2 EMI 3 from A614 K2–A2 (9).

(c). Disconnect (W325) P301A2 EMI 3 from A614 K1–A1 (10).

(d). Disconnect (W329) P359A8 EMI 3 from A614 CL1–2 (11).

(e). Disconnect (W137) 360A8 EMI 3 from A614 CL2–2 (12).

(11). Remove four screws (14) and washers (15) from mount brackets (16).

(12). Remove the external power relay assembly (17).

B. External Power Relay Assembly Installation

(Ref. Figure 402)

(1). Mount the forward battery/external power relay assembly on brackets.

(2). Install four screws and washers thru relay assembly and mount brackets.

(3). **FWD** – Connect wire lugs from the following:

(a). Connect (W121) P75A2 EMI 3 to A614 W1.

(b). Connect (W126) P3A2 EMI 3 to A614 K2–A2.

(c). Connect (W126) P1A2 EMI 3 to A614 K1–A1.

(d). Connect (W137) P259A8 EMI 3 to A614 CL1–2.

(e). Connect (W137) P260A8 EMI 3 to A614 CL2–2.

(f). Connect (W137) P262A22 EMI 3 to W126 SP1.

(4). **AFT** – Connect wire lugs from the following:

(a). Connect (W325) P375A2 EMI 3 from A614 W1 (8).

(b). Connect (W325) P303A2 EMI 3 from A614 K2–A2 (9).

(c). Connect (W325) P301A2 EMI 3 from A614 K1–A1 (10).

(d). Connect (W329) P359A8 EMI 3 from A614 CL1–2 (11).

(e). Connect (W137) 360A8 EMI 3 from A614 CL2–2 (12).

(5). **FWD** – Attach connector P135 (1).

(6). **AFT** – Attach connector P393 (1).

(7). Install four screws and washers into cover.

(8). Install nut, washer and electrical bond jumper.

(9). Perform Class R electrical bond test (Ref. CSP–SPM).

(10). **FWD** – Close access panel N106 (Ref. Section 06–00–00).

(11). **AFT** – Close baggage compartment door L262 (Ref. Section 06–00–00).

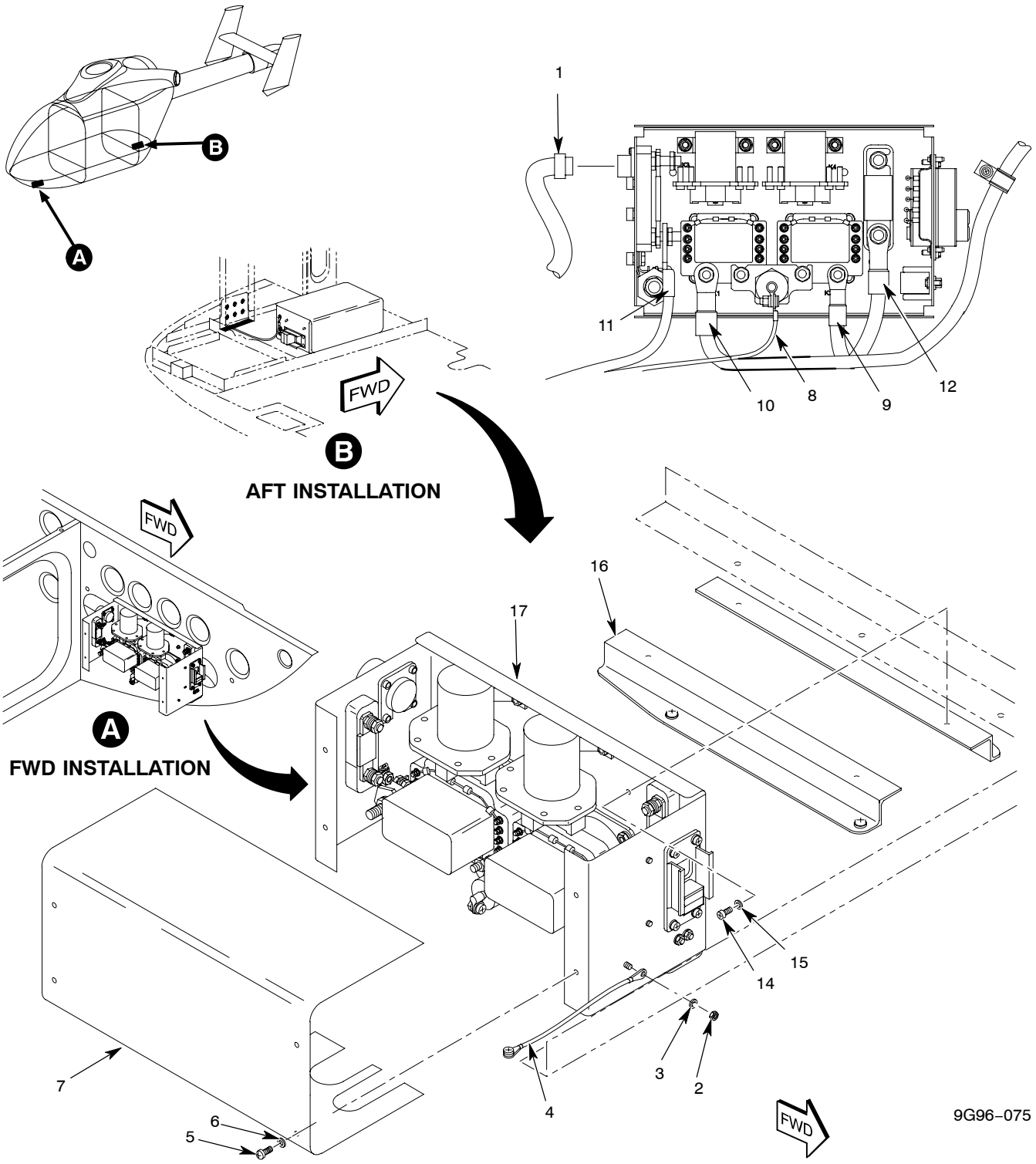


Figure 402. External Power Relay Assembly (A614)

Legend (Ref. Figure 402)

1. ELECTRICAL CONNECTOR
2. NUT
3. WASHER
4. ELECTRICAL BOND JUMPER
5. SCREW
6. WASHER
7. COVER
8. RELAY BUS BAR
9. CONTACTOR, 28V DC, 200A
10. CONTACTOR, 28V DC, 200A
11. LOW VOLTAGE LIMITER
12. LOW VOLTAGE LIMITER
13. SPLICE
14. SCREWS
15. WASHERS
16. BRACKETS
17. FWD BATT/EXT POWER RELAY ASSY

5. Power Diodes CR2 and CR3 – (A614)

A. Power Diode CR2 Removal

(Ref. Figure 403)

Power Off

(1). Verify all power is removed from helicopter (Ref. Section 96–00–00). (Ref. CSP–SPM).

(2). Remove four screws (1) and washers (2) holding the cover (3) in place. Remove cover.

(3). Remove nut (4), washer (5), terminal lug (6), washer (7) and bolt (8).

(4). Remove nut (9), lockwasher (10), and washer (11) from power diode CR2 (12).

(5). Remove power diode CR2 (12).

B. Power Diode CR2 Installation

(Ref. Figure 403)

Consumable Materials (Ref. CSP–SPM)

Item	Nomenclature
C223	Silicone Compound, Non–Corrosive

Silicone Compound (C223)

(1). Place a thin film of silicone compound (C223) between the diode and and bus.

(2). Install power diode.

(3). Install washer, lockwasher, and nut on power diode CR2.

(4). Torque nut to 85–100 inch pounds **(9.6–11.3 Nm)**. Wait 30 minutes and retorque.

(5). Install bolt thru washer, terminal lug, diode, washer and nut.

(6). Install four screws and washers holding the cover in place.

C. Power Diode CR3 Removal

(Ref. Figure 403)

(1). Verify all power is removed from helicopter (Ref. Section 96–00–00). (Ref. CSP–SPM).

(2). Remove four screws (1) and washers (2) holding the cover (3) in place. Remove cover.

(3). Remove nut (13), washer (14), terminal lug (15), washer (16) and screw (17).

(4). Remove nut (18), lockwasher (19), washer (20), and terminal lug (21) from power diode CR3 (22).

(5). Remove bolt (23) and washer (24) from clamp (25).

(6). Remove power diode CR3 (22) and clamp (25).

D. Power Diode CR3 Installation

(Ref. Figure 403)

(1). Install clamp on power diode.

(2). Install screw and washer on clamp.

(3). Install terminal lug, washer, lockwasher, and bolt.

(4). Install bolt thru washer, diode, terminal lug, washer and nut.

(5). Perform electrical bond check Class L (Ref. CSP–SPM).

(6). Install four screws and washers holding the cover in place.

E. External Power Relay Assembly Components

NOTE: Ref. CSP–SPM, for remove and install of electrical components and connectors.

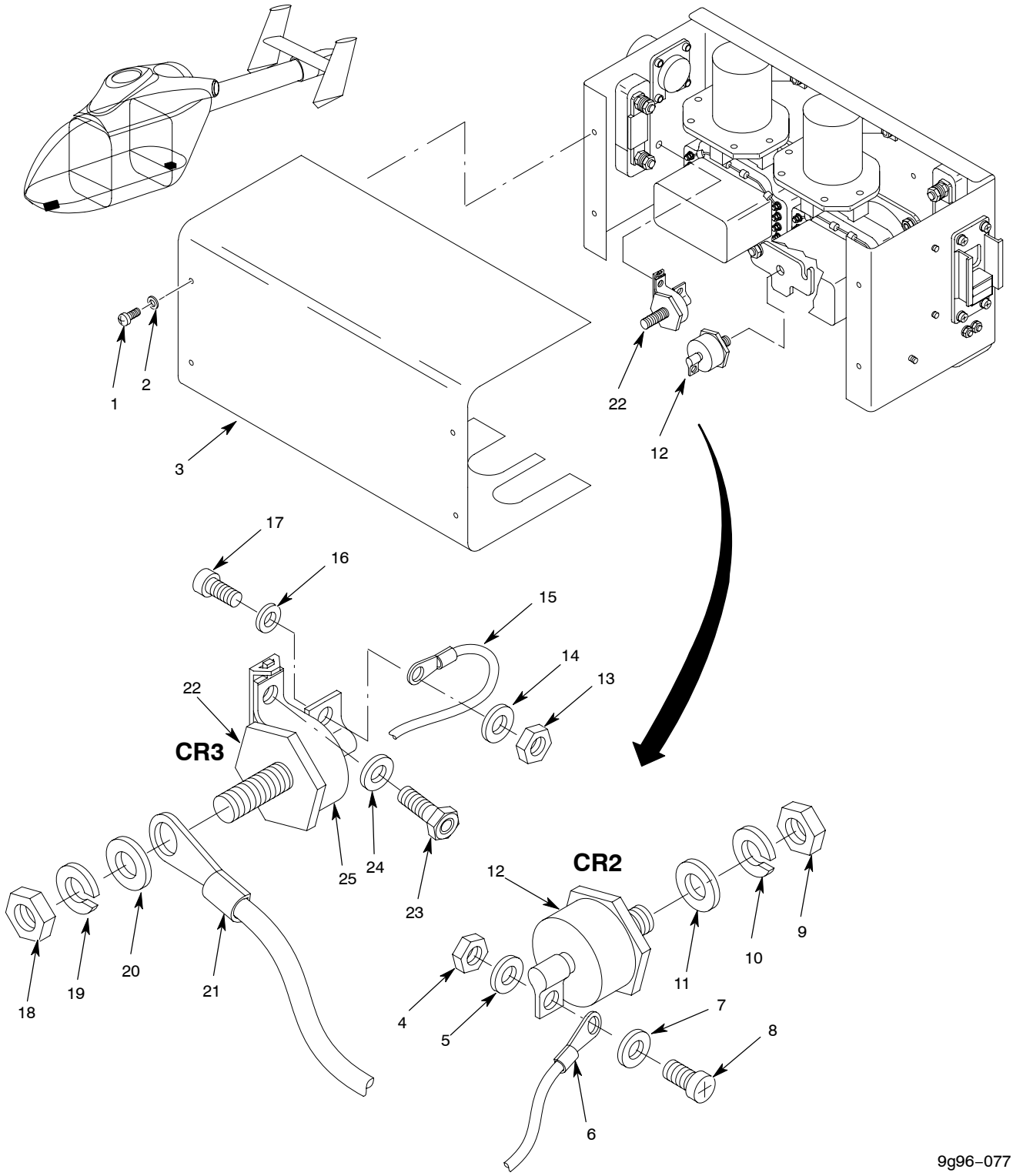


Figure 403. Power Diode

Legend (Ref. Figure 403

1. SCREW
2. WASHER
3. COVER
4. NUT
5. WASHER
6. TERMINAL LUG
7. WASHER
8. BOLT
9. NUT
10. LOCKWASHER
11. WASHER
12. POWER DIODE (CR2)
13. NUT
14. WASHER
15. ELECTRICAL CONTACT
16. WASHER
17. SCREW
18. NUT
19. LOCKWASHER
20. WASHER
21. TERMINAL LUG
22. POWER DIODE (CR3)
23. BOLT
24. WASHER
25. CLAMP

---

6. Forward Interconnect Panel (A612)

A. Forward Interconnect Panel Removal

(Ref. Figure 404 and Figure 405)

Power Off

(1). Verify all power is removed from helicopter (Ref. Section 96–00–00).

(2). Remove access panels PL120 and PR120 (Ref. Section 06–00–00)

CAUTION Prior to removing A612 Forward Interconnect Panel, document any wires or electrical components installed on A612 to support optional equipment. All optional equipment installed wires and electrical components must be transferred to new A612.

(3). Detach connectors **P171**, **P173**, **P170**, **P176**, **P175**, **P172**, **P827** and **P174** from connectors **J1** (5), **J2** (6), **J3** (7), **J4** (8), **J5** (9), **J6** (10), **J7** (20) and **J9** (11) on forward interconnect panel (1).

(4). Disconnect/remove any optional equipment installed wires or components.

(5). Remove terminal blocks (Ref. Section 98–00–00) from terminal boards (12, 13 and 14) on panel (1).

(6). Remove screws (2) and washers (3) attaching panel to support assemblies (4). Remove panel.

B. Forward Interconnect Panel Installation

(Ref. Figure 404 and Figure 405)

Power Off

(1). Verify all power is removed from helicopter (Ref. Section 96–00–00).

(2). Prepare surface for electrical bond (Ref. CSP–SPM).

(3). Place forward interconnect panel (1) in position and install screws (2) and washers (3) attaching panel to support assemblies (4). Torque screws (2).

(4). Perform Class R electrical bond test (Ref. CSP–SPM).

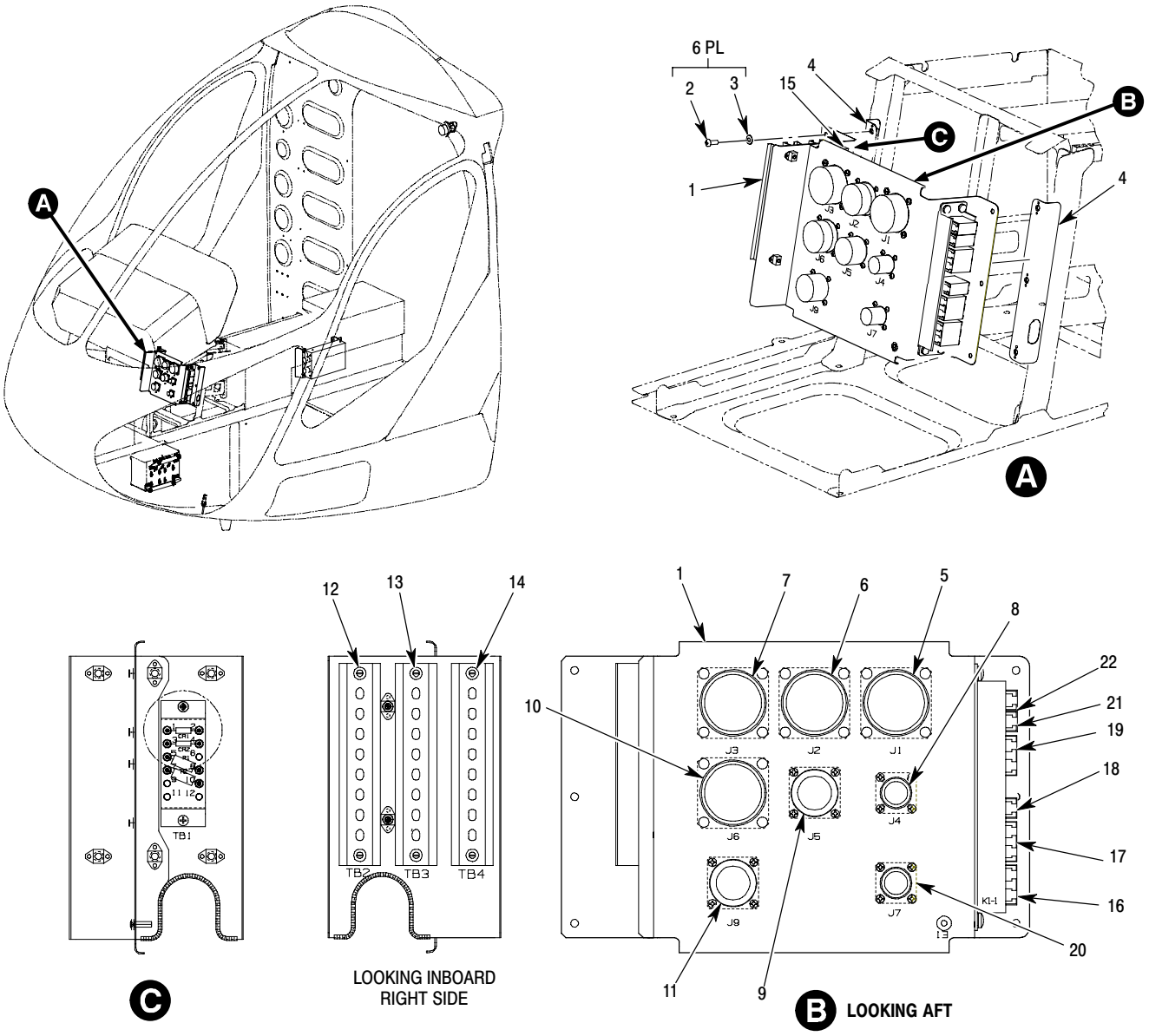
(5). Attach connectors **P171**, **P173**, **P170**, **P176**, **P175**, **P172**, **P827** and **P174** to connectors **J1** (5), **J2** (6), **J3** (7), **J4** (8), **J5** (9), **J6** (10), **J7** (20) and **J9** (11) on forward interconnect panel (1).

(6). Install terminal blocks (Ref. Section 98–00–00) to terminal boards (12, 13 and 14) on panel (1).

(7). Install any optional equipment installed wires or components. Torque attachments.

(8). Install access panels PL120 and PR120 (Ref. Section 06–00–00).

(9). Restore power to helicopter (Ref. Section 96–00–00).



1. FORWARD INTERCONNECT PANEL
2. SCREW
3. WASHER
4. SUPPORT ASSEMBLY
5. CONNECTOR J1
6. CONNECTOR J2
7. CONNECTOR J3
8. CONNECTOR J4
9. CONNECTOR J5
10. CONNECTOR J6
11. CONNECTOR J9
12. TERMINAL BOARD 2
13. TERMINAL BOARD 3
14. TERMINAL BOARD 4
15. TERMINAL BOARD 1
16. RELAY K1–1/2 (LEFT THROTTLE CONTROL)
17. RELAY K1–3/4 (RIGHT THROTTLE CONTROL)
18. RELAY K1–5 (OFF GATE)
19. RELAY K1–7/8 (AOG)
20. CONNECTOR J7
21. RELAY K1–9 (NP BEEP INCR)
22. RELAY K1–10 (NP BEEP DECR)

Figure 404. Forward Interconnect Panel Assembly (900 CONFIG)

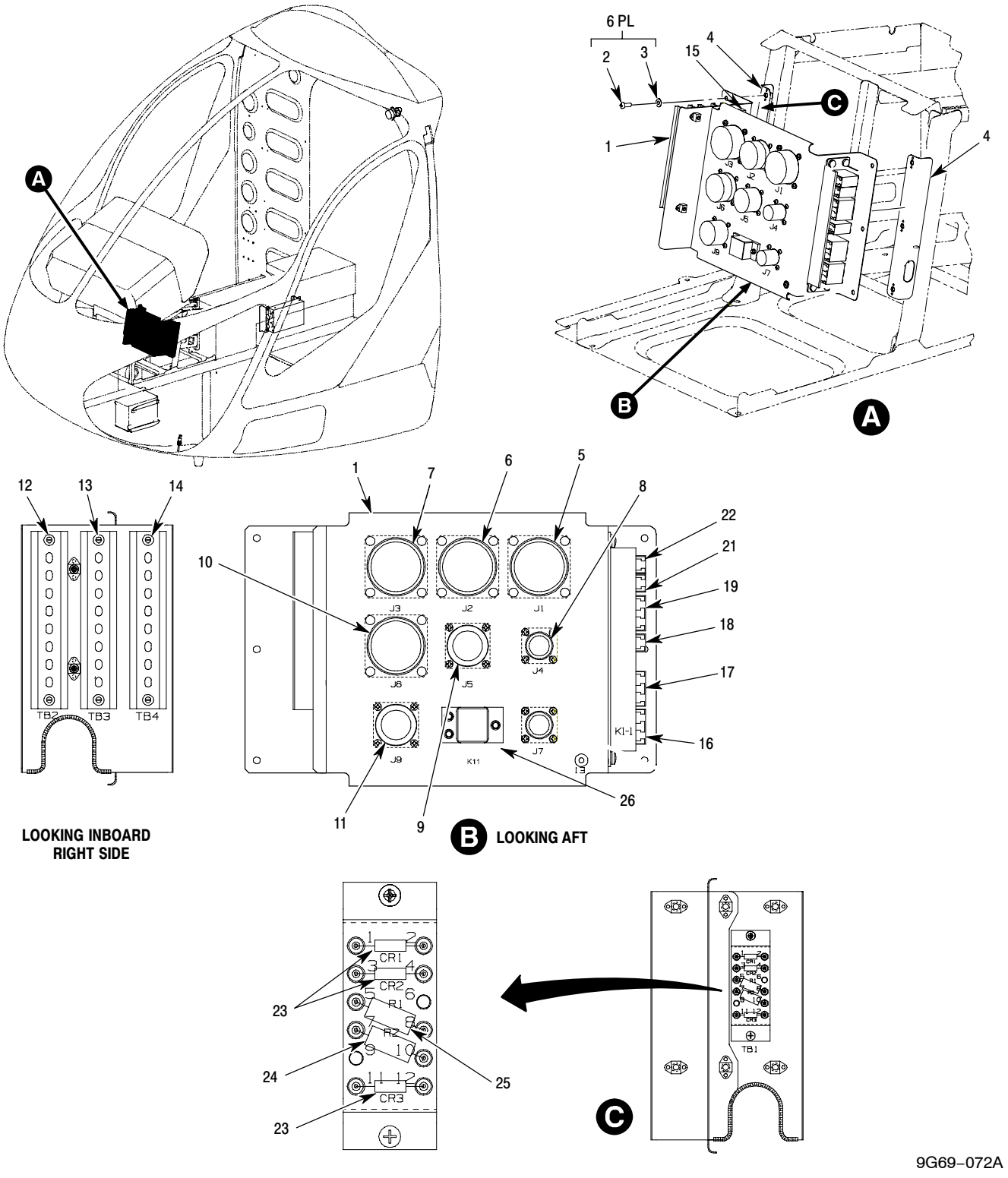


Figure 405. Forward Interconnect Panel Assembly (902 CONFIG)

Legend (Ref. Figure 405)

1. FORWARD INTERCONNECT PANEL
2. SCREW
3. WASHER
4. SUPPORT ASSEMBLY
5. CONNECTOR J1
6. CONNECTOR J2
7. CONNECTOR J3
8. CONNECTOR J4
9. CONNECTOR J5
10. CONNECTOR J6
11. CONNECTOR J9
12. TERMINAL BOARD 2
13. TERMINAL BOARD 3
14. TERMINAL BOARD 4
15. TERMINAL BOARD 1
16. RELAY K1–1/2 (LEFT THROTTLE CONTROL)
17. RELAY K1–3/4 (RIGHT THROTTLE CONTROL)
18. RELAY K1–6 (NACA)
19. RELAY K1–7/8 (AOG)
20. CONNECTOR J7
21. RELAY K1–9 (NP BEEP INCR)
22. RELAY K1–10 (NP BEEP DECR)
23. DIODE, SILICON, POWER RECTIFIER
24. RESISTOR, WIREWOUND, 150 OHM
25. RESISTOR, WIREWOUND, 82 OHM
26. RELAY K11, (GO–NOGO)

7. Forward Interconnect Panel Components

(Ref. Figure 404 and Figure 405)

NOTE: Ref. CSP-SPM, for remove and install of electrical components and connectors.

8. External Power Receptacle (A647/A649)

NOTE:

- This task is typpical for the FWD (A647) or AFT (A649) EPR installation. The FWD installation is shown in Figure 406.
- For the purpose of this task, steps that pertain to the forward EPR installation will begin with **FWD** and the aft installation as **AFT**.

A. External Power Receptacle Removal

(Ref. Figure 406)

Power Off

(1). Verify all power is removed from helicopter (Ref. Section 96–00–00).

(2). **FWD -** Open access panel R109 (Ref. Section 06–00–00).

(3). **FWD -** Open access panel R128 (Ref. Section 06–00–00).

(4). **AFT -** Open access panel L240 (Ref. Section 06–00–00).

(5). **AFT -** Remove baggage floor center panel A235 (Ref. Section 06–00–00).

(6). Disconnect external power cables (1), (2) and (3) from the external power receptacle (4).

(7). Remove screws (5) and washers (6) holding receptacle (4) in place. Remove receptacle.

B. External Power Receptacle Installation

(Ref. Figure 406)

Power Off

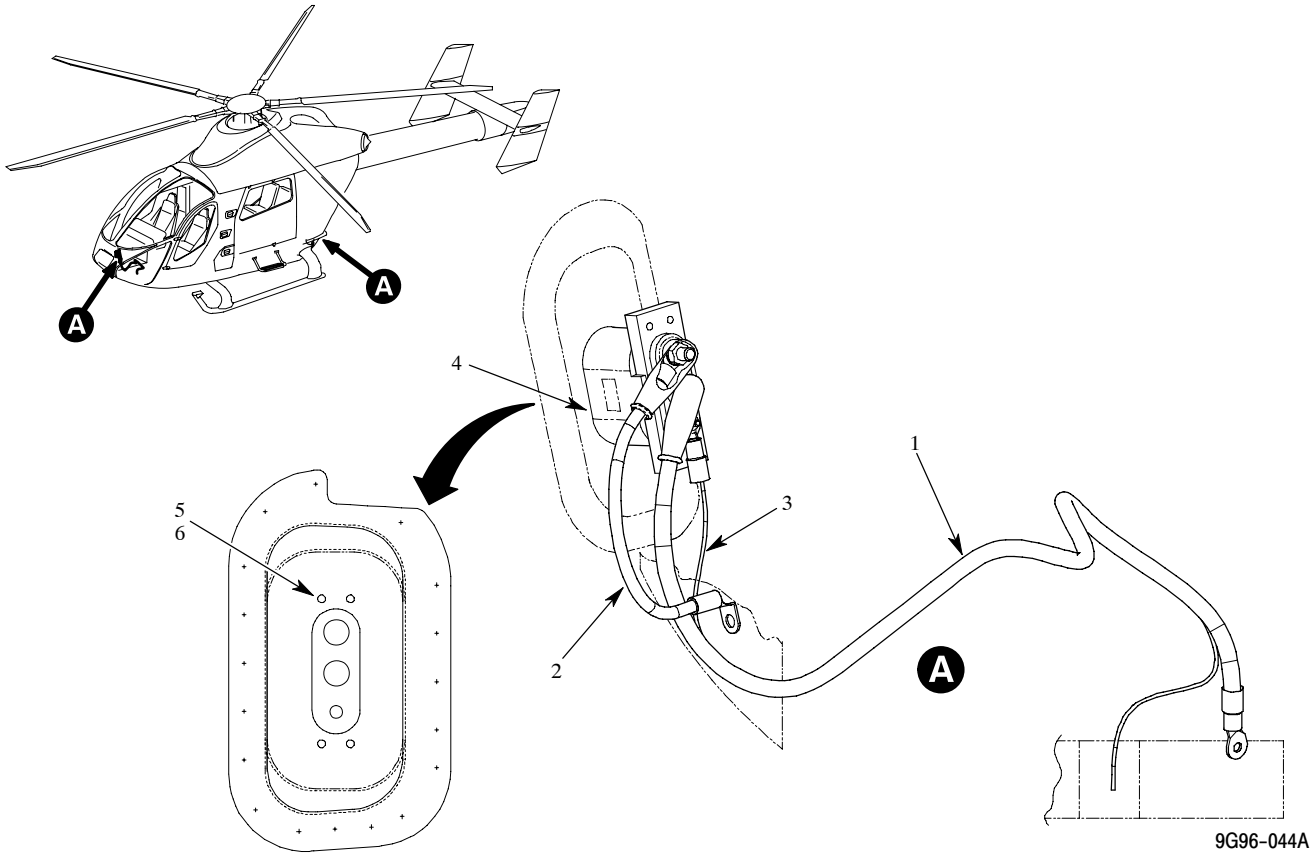
(1). Verify all power is removed from helicopter (Ref. Section 96–00–00).

(2). Place external power receptacle (4) in position and install screws (5) and washers (6). Torque screws (5).

(3). Connect external power cables (1), (2) and (3) to receptacle (4). Torque nuts (4).

(4). **FWD -** Close access panels R109 and R128 (Ref. Section 06–00–00).

(5). **AFT -** Close access panel L240 and install baggage floor center panel A235 (Ref. Section 06–00–00).



1. EXTERNAL POWER CABLE (POWER)
2. EXTERNAL POWER CABLE (RETURN)
3. EXTERNAL POWER WIRE (GROUND)
4. EXTERNAL POWER RECEPTACLE
5. SCREW
6. WASHER

Figure 406. External Power Receptacle

9. Generator Control Unit (A409 A410)

A. Generator Control Unit Removal

(Ref. Figure 407)

NOTE: This task is typical for Left (A409) and Right (A410) Generator Control Unit (GCU) removal and installation.

Power Off

(1). Verify all power is removed from helicopter (Ref. Section 96–00–00).

(2). Open Baggage Compartment Door L262 (Ref. Section 06–00–00).

(3). Remove interior trim (Ref. Section 25–50–00).

(4). Detach **P341** or **P340** from connector (1) on left or right GCU (4).

(5). Remove screws (2) and washers (3). Remove GCU (4).

B. Generator Control Unit Installation

(Ref. Figure 407)

Power Off

(1). Verify all power is removed from helicopter (Ref. Section 96–00–00).

(2). Prepare surface for electrical bond (Ref. CSP–SPM).

(3). Place GCU (4) in position and install screws (2) and washers (3). Torque screws (2).

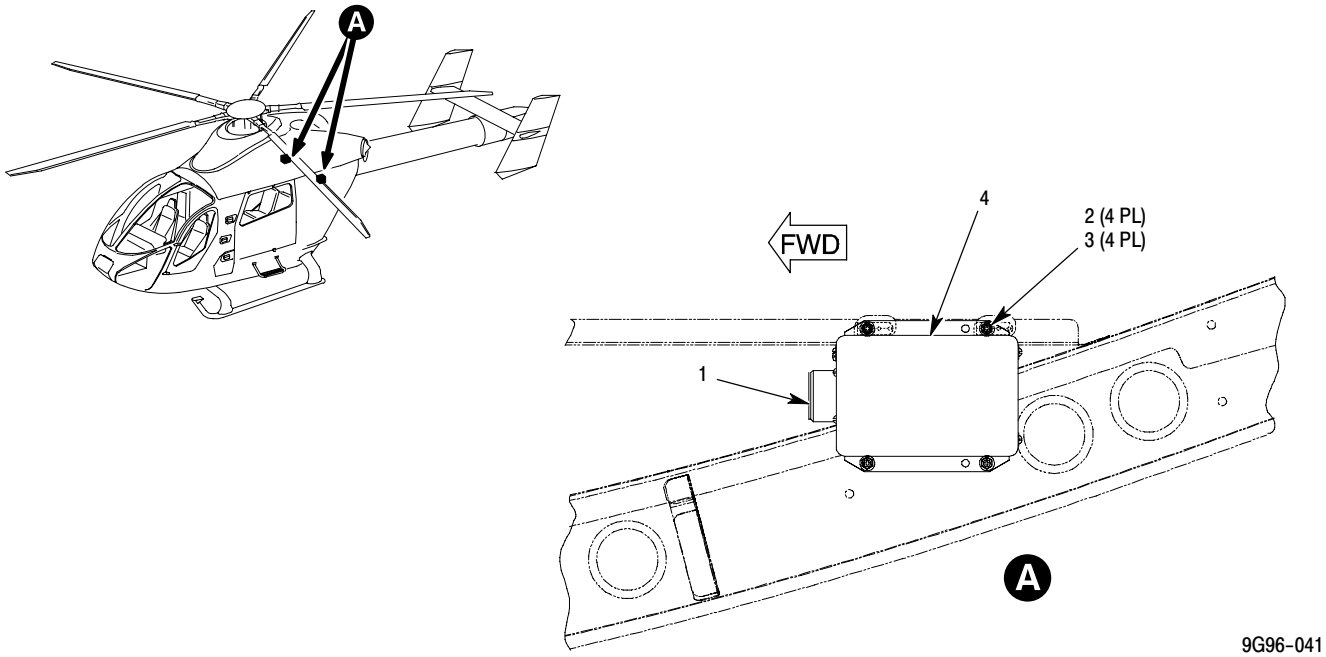
(4). Attach **P341** or **P340** to connector (1) on left or right GCU (4).

(5). Perform Class R electrical bond test (Ref. CSP–SPM).

(6). Install interior trim (Ref. Section 25–50–00).

(7). Close Baggage Compartment Door L262 (Ref. Section 06–00–00).

(8). Restore power to helicopter (Ref. Section 96–00–00).



1. CONNECTOR
2. SCREW
3. WASHER
4. GENERATOR CONTROL UNIT (GCU)

Figure 407. Generator Control Unit

10. Electrical Load Center (A620)

A. Electrical Load Center Removal

(Ref. Figure 408)

Power Off

(1). Verify all power is removed from helicopter (Ref. Section 96–00–00).

(2). Open Baggage Compartment Door L262 (Ref. Section 06–00–00).

(3). Remove interior trim (Ref. Section 25–50–00).

(4). Detach connectors **P375** from **J1** (17), **P374** (18) from **J2**, **P377** from **J3** (19), **P376** from **J4** (20), **P379** from **J5** (21), **P378** from **J6** (22) and **P381** from **J8** (23) on electrical load center (1).

(5). Remove screws (3) and washers (4) from circuit breaker panel assembly (2) and allow it to swing down.

(6). Remove screws (6) and washers (7) holding cover (5) in place. Remove cover (5).

(7). Disconnect cable **P75A2** from bus bar **W8** (15) and remove from load center (1).

(8). Disconnect cable **E127A2** from **A2** on relay **K1** (13) and remove from load center (1).

(9). Disconnect cable **E132A2** from **A1** on relay **K2** (11) and remove from load center (1).

(10). Disconnect wire **L10C12** from **CB57** on circuit breaker panel assembly (2) and remove from load center (1).

(11). Remove screws (8) and washers (9) attaching load center (1) to support assemblies (10). Remove load center (1).

B. Electrical Load Center Installation

(Ref. Figure 408)

Power Off

(1). Verify all power is removed from helicopter (Ref. Section 96–00–00).

(2). Prepare surface for electrical bond (Ref. CSP–SPM).

(3). Place electrical load center (1) in position on support assemblies (10) and install screws (8) and washers (9). Torque screws (8).

(4). Route wire **L10C12** through the hole on side of load center (1) facing forward and connect to **CB57** on the circuit breaker assembly panel. Torque nut.

(5). Route cable **E132A2** through right hole on the side of load center (1) facing aft and connect to **A1** on relay **K2** (11). Torque nut (12).

(6). Route cable **E127A2** through left hole on side of load center (1) facing aft and connect to **A2** on relay **K1** (13). Torque nut (14).

(7). Route cable **P75A2** through hole on side of load center (1) facing forward and connect to bus bar **W8** (15). Torque nut (16).

(8). Place cover (5) on load center (1) and install screws (6) and washers (7). Torque screws (6).

(9). Close circuit breaker panel assembly (2) and install screws (3) and washers (4). Torque screws (3).

(10). Attach connectors **P375** to **J1** (17), **P374** to **J2** (18), **P377** to **J3** (19), **P376** to **J4** (20), **P379** to **J5** (21), **P378** to **J6** (22) and **P381** to **J8** (23) on electrical load center (1).

(11). Perform Class R electrical bond test (Ref. CSP–SPM).

(12). Install interior trim (Ref. Section 25–50–00).

(13). Close Baggage Compartment Door L262 (Ref. Section 06–00–00).

(14). Restore power to helicopter (Ref. Section 96–00–00).

11. Electrical Load Center (A620) Components

(Ref. Figure 409 and Figure 410)

NOTE:

- **(900 CONFIG) -** Aircraft which have complied with SB900–041 will have relays; K7–7, K7–8, K7–9, and K7–10 installed (Ref. Figure 410).
- Ref. CSP–SPM, for remove and install of electrical components and connectors.

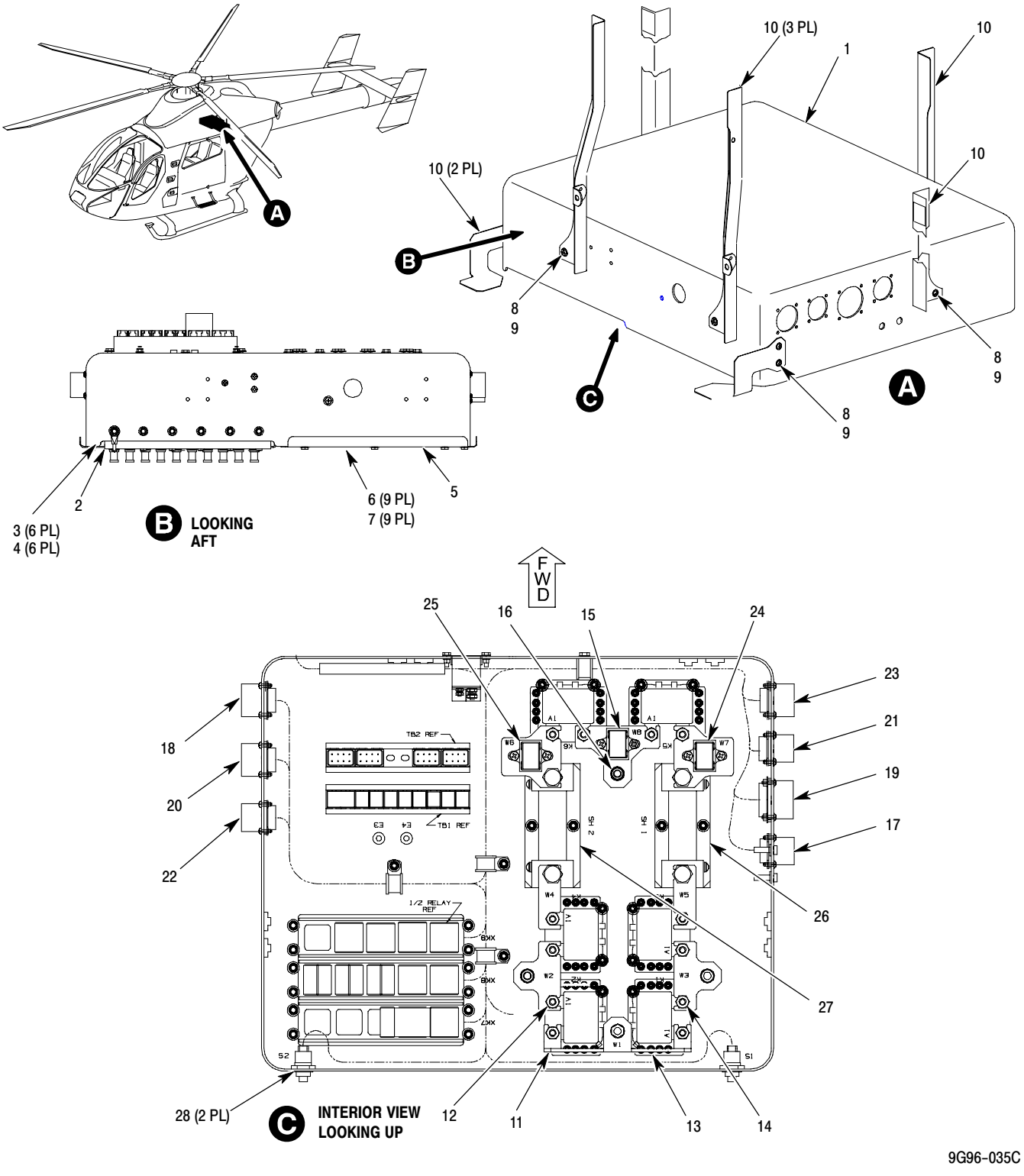


Figure 408. Electrical Load Center

Legend (Ref. Figure 408)

1. ELECTRICAL LOAD CENTER
2. CIRCUIT BREAKER PANEL ASSEMBLY
3. SCREW
4. WASHER
5. COVER
6. SCREW
7. WASHER
8. SCREW
9. WASHER
10. SUPPORT ASSEMBLY
11. RELAY K2
12. NUT
13. RELAY K1
14. NUT
15. BUS BAR W8
16. NUT
17. CONNECTOR J1
18. CONNECTOR J2
19. CONNECTOR J3
20. CONNECTOR J4
21. CONNECTOR J5
22. CONNECTOR J6
23. CONNECTOR J8
24. BUS BAR W7
25. BUS BAR W6
26. SHUNT 1
27. SHUNT 2
28. SWITCH, PUSH (MANUAL START)

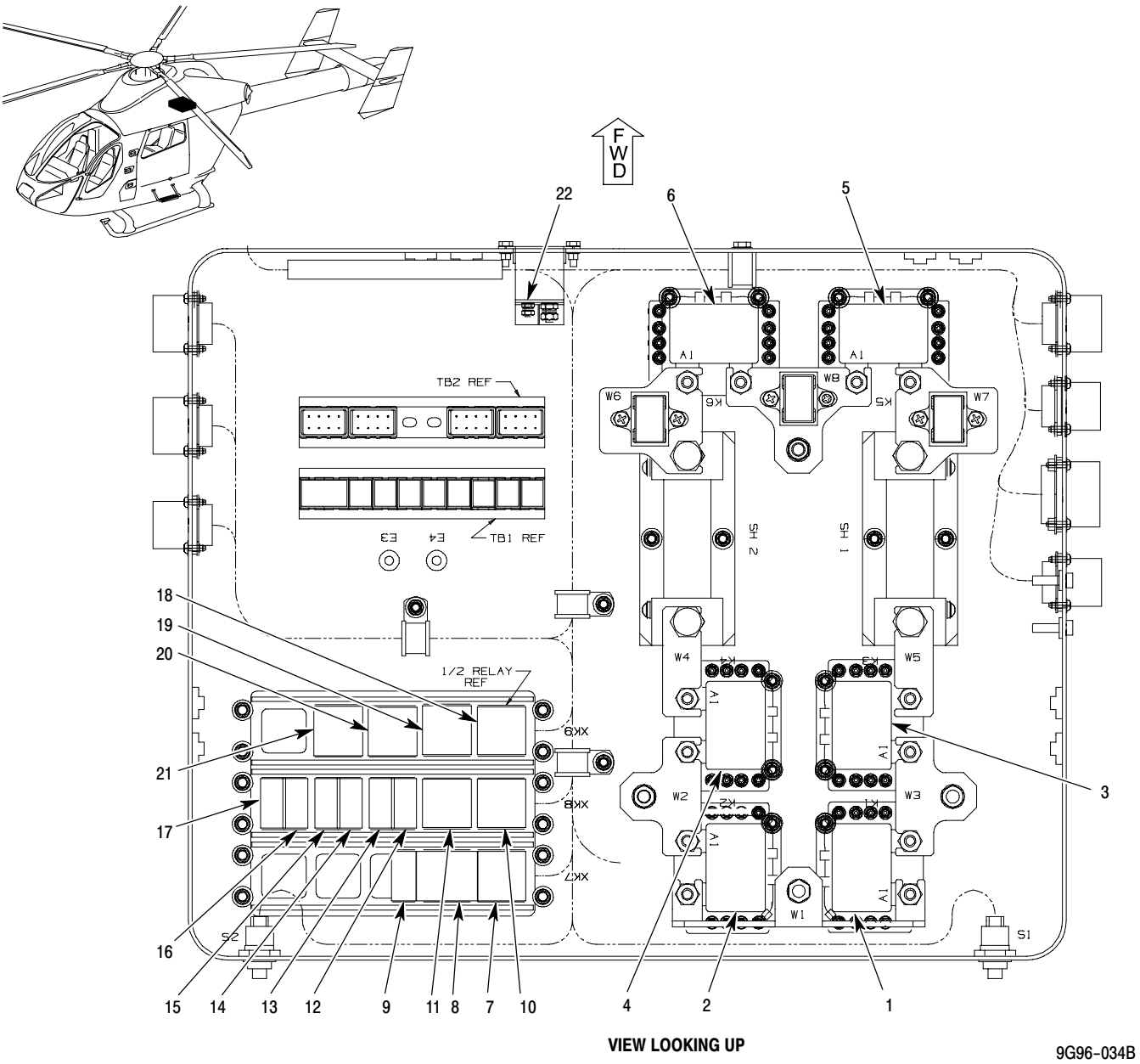
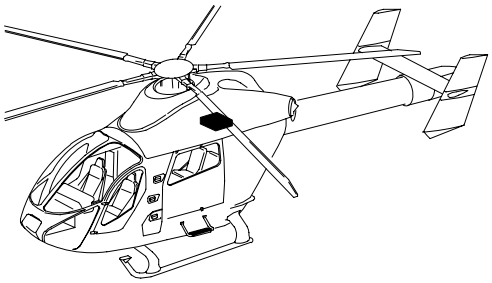


Figure 409. Electrical Load Center Relays (900 CONFIG)

Legend (Ref. Figure 409)

1. CONTACTOR, S.P.S.T., 200 AMP, 28 VDC, N.0. (RELAY K1, LEFT START)
2. CONTACTOR, S.P.S.T., 200 AMP, 28 VDC, N.0. (RELAY K2, RIGHT START)
3. CONTACTOR, S.P.S.T., 200 AMP, 28 VDC, N.0. (RELAY K3, LEFT GENERATOR LINE CONTACTOR)
4. CONTACTOR, S.P.S.T., 200 AMP, 28 VDC, N.0. (RELAY K4, RIGHT GENERATOR LINE CONTACTOR)
5. CONTACTOR, S.P.S.T., 200 AMP, 28 VDC, N.0. (RELAY K5, LEFT BUS TIE)
6. CONTACTOR, S.P.S.T., 200 AMP, 28 VDC, N.0. (RELAY K6, RIGHT BUS TIE)
7. RELAY, 4.P.D.T., 10 AMP (K7–1/2, IPS BYPASS)
8. RELAY, 2.P.D.T., 10 AMP, TIME DELAY ON OPERATE, (K7–3/4, TIME DELAY)
9. RELAY, 2.P.D.T., 10 AMP (K7–5, AIR CONDITIONER DISABLE)
10. RELAY, 3.P.D.T., 25 AMP (K8–1/2, CONDENSER FAN 2)
11. RELAY, 3.P.D.T., 25 AMP (K8–3/4, CONDENSER FAN 1)
12. RELAY, 2.P.D.T., 10 AMP (K8–5, RIGHT START ENABLE–PMS)
13. RELAY, 2.P.D.T., 10 AMP (K8–6, LEFT START ENABLE–PMS)
14. RELAY, 2.P.D.T., 10 AMP (K8–7, RIGHT START ENABLE–EEC)
15. RELAY, 2.P.D.T., 10 AMP (K8–8, LEFT START ENABLE–EEC)
16. RELAY, 2.P.D.T., 10 AMP (K8–9, RIGHT AUTO IGNITION)
17. RELAY, 2.P.D.T., 10 AMP, (K8–10, LEFT AUTO IGNITION)
18. RELAY, 3.P.D.T., 25 AMP (K9–1/2, RIGHT HAND AVIONICS BUS)
19. RELAY, 3.P.D.T., 25 AMP (K9–3/4, LEFT HAND AVIONICS BUS)
20. RELAY, 4.P.D.T., 10 AMP (K9–5/6, RIGHT AUX GEN LINE CONTACTOR)
21. RELAY, 4.P.D.T., 10 AMP (K9–7/8, LEFT AUX GEN LINE CONTACTOR)
22. RELAY, 1 PST–DB, 50 AMP, HERMETICALLY SEALED (K10, LIGHT MASTER RELAY)



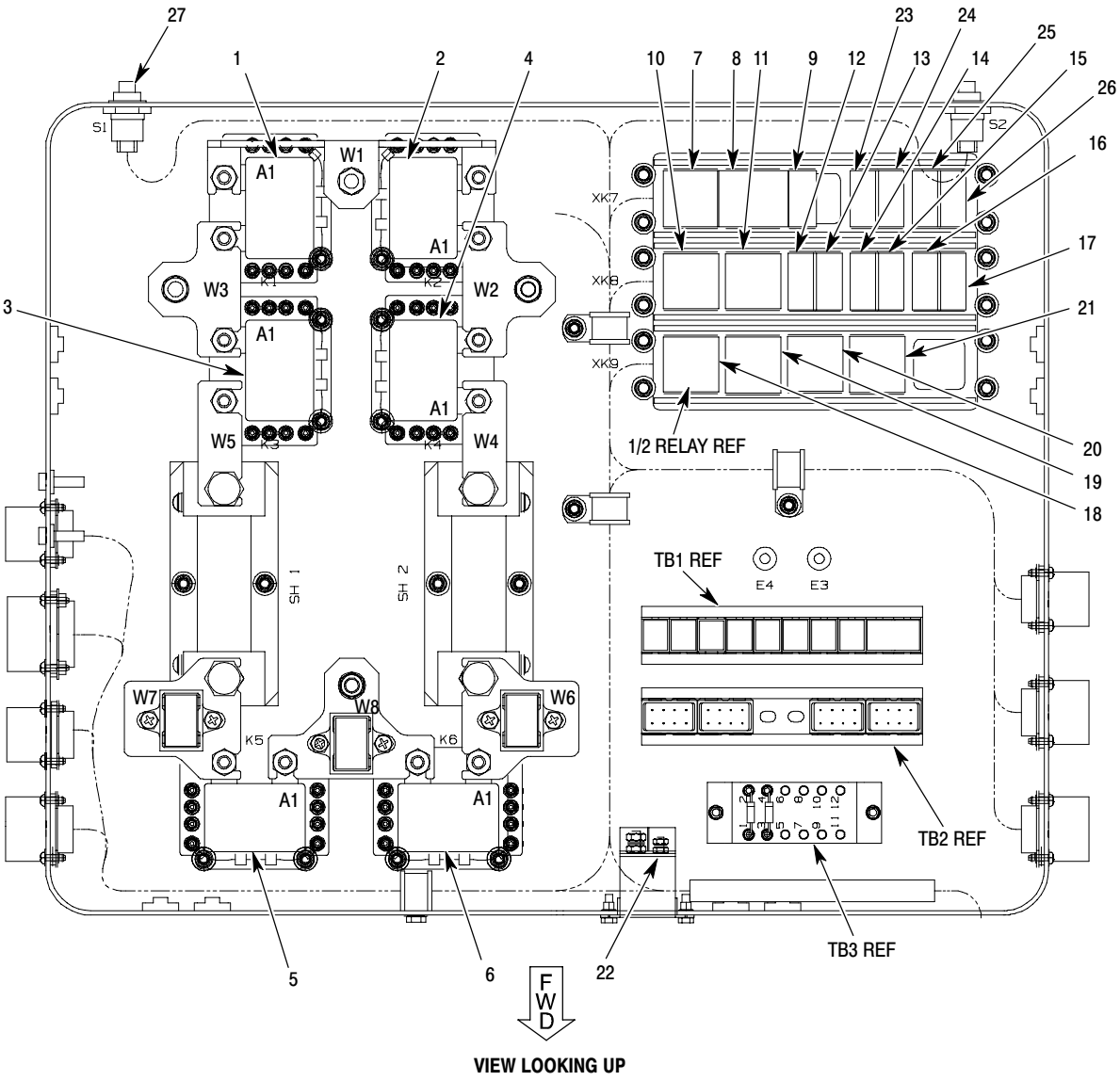


Figure 410. Electrical Load Center Relays (902 CONFIG)

Legend (Ref. Figure 410)

1. CONTACTOR, S.P.S.T., 200 AMP, 28 VDC, N.0. (RELAY K1, LEFT START)
2. CONTACTOR, S.P.S.T., 200 AMP, 28 VDC, N.0. (RELAY K2, RIGHT START)
3. CONTACTOR, S.P.S.T., 200 AMP, 28 VDC, N.0. (RELAY K3, LEFT GENERATOR LINE CONTACTOR)
4. CONTACTOR, S.P.S.T., 200 AMP, 28 VDC, N.0. (RELAY K4, RIGHT GENERATOR LINE CONTACTOR)
5. CONTACTOR, S.P.S.T., 200 AMP, 28 VDC, N.0. (RELAY K5, LEFT BUS TIE)
6. CONTACTOR, S.P.S.T., 200 AMP, 28 VDC, N.0. (RELAY K6, RIGHT BUS TIE)
7. RELAY, 4.P.D.T., 10 AMP (K7–1/2, IPS BYPASS)
8. RELAY, 2.P.D.T., 10 AMP, TIME DELAY ON OPERATE, (K7–3/4, TIME DELAY)
9. RELAY, 2.P.D.T., 10 AMP (K7–5, AIR CONDITIONER DISABLE)
10. RELAY, 3.P.D.T., 25 AMP (K8–1/2, CONDENSER FAN 2)
11. RELAY, 3.P.D.T., 25 AMP (K8–3/4, CONDENSER FAN 1)
12. RELAY, 2.P.D.T., 10 AMP (K8–5, RIGHT START ENABLE–PMS)
13. RELAY, 2.P.D.T., 10 AMP (K8–6, LEFT START ENABLE–PMS)
14. RELAY, 2.P.D.T., 10 AMP (K8–7, RIGHT START ENABLE–EEC)
15. RELAY, 2.P.D.T., 10 AMP (K8–8, LEFT START ENABLE–EEC)
16. RELAY, 2.P.D.T., 10 AMP (K8–9, RIGHT AUTO IGNITION)
17. RELAY, 2.P.D.T., 10 AMP, (K8–10, LEFT AUTO IGNITION)
18. RELAY, 3.P.D.T., 25 AMP (K9–1/2, RIGHT HAND AVIONICS BUS)
19. RELAY, 3.P.D.T., 25 AMP (K9–3/4, LEFT HAND AVIONICS BUS)
20. RELAY, 4.P.D.T., 10 AMP (K9–5/6, RIGHT AUX GEN LINE CONTACTOR)
21. RELAY, 4.P.D.T., 10 AMP (K9–7/8, LEFT AUX GEN LINE CONTACTOR)
22. RELAY, 1 PST–DB, 50 AMP, HERMETICALLY SEALED (K10, LIGHT MASTER RELAY)
23. RELAY, 2.P.D.T., 10 AMP (K7–7, LEFT START ENABLED WITH MANUAL ENGINE CONTROL IN “NORM”)
24. RELAY, 2.P.D.T., 10 AMP (K7–8, LEFT START ENABLED WITH MANUAL ENGINE CONTROL IN “OFF”)
25. RELAY, 2.P.D.T., 10 AMP (K7–9, RIGHT START ENABLED WITH MANUAL ENGINE CONTROL IN “NORM”)
26. RELAY, 2.P.D.T., 10 AMP (K7–10, RIGHT START ENABLED WITH MANUAL ENGINE CONTROL IN “OFF”)
27. SWITCH, PUSH (MANUAL START)

12. Console Panel

A. Console Panel Removal

(Ref. Figure 411)

Power Off

(1). Verify all power is removed from helicopter (Ref. Section 96–00–00).

(2). Unscrew quarter turn captive fasteners (7) holding console panel in place.

(3). Lift panel until attached connector(s) are accessible.

(4). Detach connector(s) from panel.

(5). Remove panel.

B. Console Panel Installation

(Ref. Figure 411)

Power Off

(1). Verify that all power is removed from helicopter (Ref. Section 96–00–00).

(2). Prepare surface for electrical bond (Ref. CSP–SPM).

(3). Install console panel.

(4). Attach connector(s) to panel.

(5). Place panel in position on console.

(6). Screw in quarter turn captive fasteners (7) on panel.

(7). Restore power to helicopter (Ref. Section 96–00–00).

13. Console Panel Component

A. Console Panel Component Removal

(Ref. Figure 411)

NOTE: Ref. CSP–SPM, for remove and install of electrical components and connectors.

Power Off

(1). Verify all power is removed from helicopter (Ref. Section 96–00–00).

(2). Remove console panel containing component (Ref. Section 96–00–00).

(3). Disconnect any electrical connectors and wiring.

(4). Remove attaching hardware.

(5). Remove component from console panel.

B. Console Panel Component Installation

NOTE: Common component installation such as circuit breakers, switches, and relays are located in Section 98–20–00).

(Ref. Figure 411)

Power Off

(1). Verify all power is removed from helicopter (Ref. Section 96–00–00).

(2). Install component on console panel.

(3). Connect any electrical connectors and wiring.

(4). Install attaching hardware.

(5). Install console panel containing component (Ref. Section 96–00–00).

(6). Restore power to helicopter (Ref. Section 96–00–00).

14. Cover Plate

A. Cover Plate Removal

(Ref. Figure 411)

(1). Unscrew quarter turn captive fasteners (7) holding cover plates (5 and/or 6) in place.

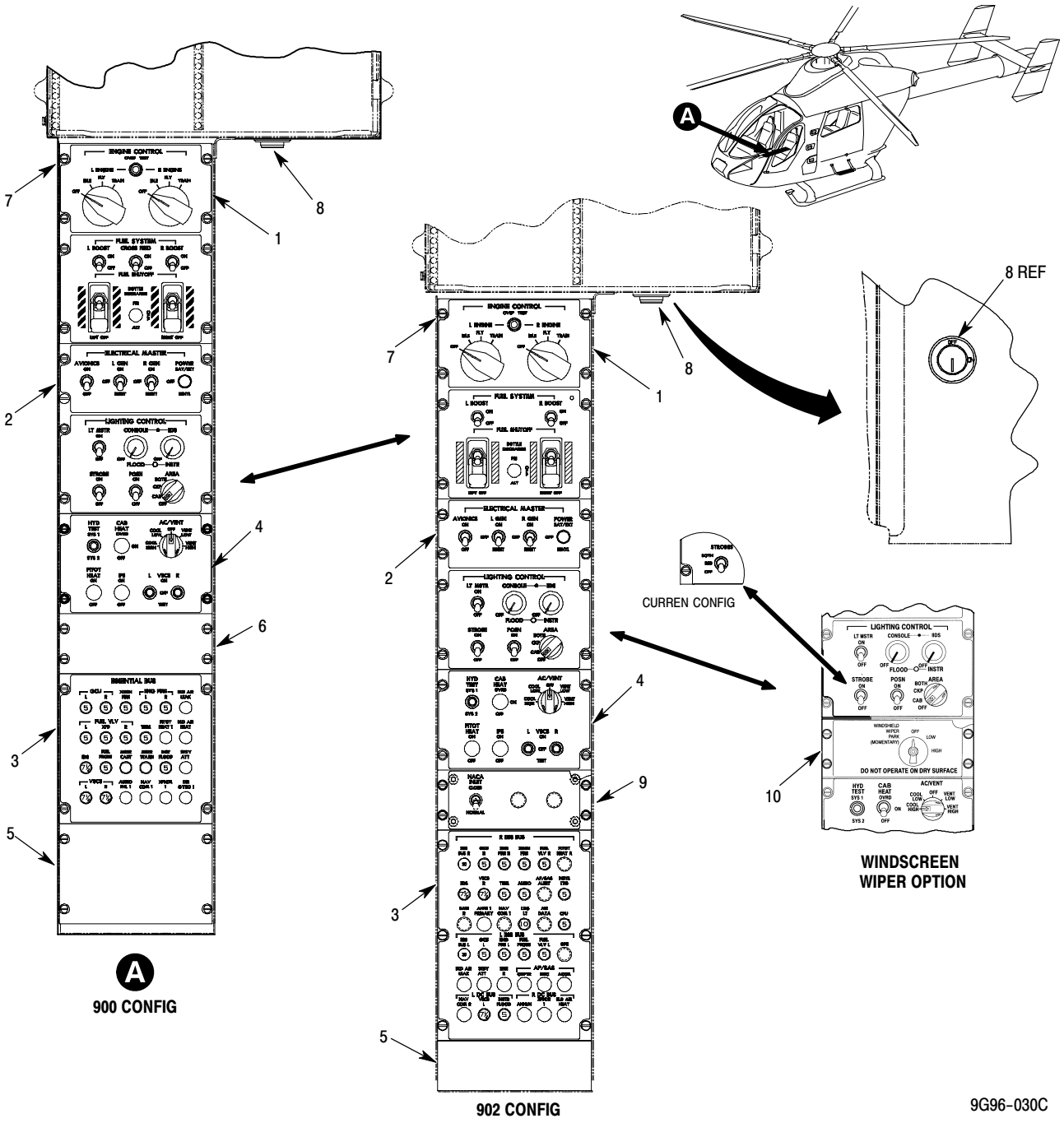
(2). Remove cover plates panel (5 and/or 6).

B. Cover Plate Installation

(Ref. Figure 411)

(1). Install cover plates (5 and/or 6) on console.

(2). Screw in quarter turn captive fasteners (7) on cover plates (5 and/or 6).



1. ENGINE/FUEL CONTROL PANEL
2. ELECTRICAL/LIGHTING CONTROL PANEL
3. ESSENTIAL BUS CIRCUIT BREAKER PANEL
4. UTILITY PANEL
5. COVER PANEL
6. COVER PANEL
7. CAPTIVE FASTENERS
8. KEYLOCK SWITCH
9. NACA INLET CONTROL PANEL **(NACA CONFIG)**
10. WINDSCREEN WIPERS CONTROL PANEL (OPTION)

Figure 411. Console Control Panels

15. Keylock Panel Switch

A. Keylock Panel Switch Removal

(Ref. Figure 411)

Power Off

(1). Verify all power is removed from helicopter (Ref. Section 96–00–00).

(2). Remove access panel PR120 (Ref. Section 06–00–00).

(3). Remove and tag wires attached to keylock panel switch.

(4). Remove nut holding switch in keylock panel. Remove switch.

B. Keylock Panel Switch Installation

(Ref. Figure 411)

Power Off

(1). Verify all power is removed from helicopter (Ref. Section 96–00–00).

(2). Place keylock panel switch in keylock panel. Install nut on switch. Torque nut.

(3). Attach wires to switch.

(4). Restore power to helicopter (Ref. Section 96–00–00).

16. K100 Power Relay

A. K100 Power Relay Removal

(Ref. Figure 412)

Power Off

(1). Verify all power is removed from helicopter (Ref. Section 96–00–00).

(2). Remove bulkhead cover to access K100 power relay (1).

(3). Tag and remove wires attached to relay.

(4). Remove screws (2), washers (3) and nuts (4) attaching relay (1) to bulkhead (5). Remove relay (1).

B. K100 Power Relay Installation

(Ref. Figure 412)

Power Off

(1). Verify all power is removed from helicopter (Ref. Section 96–00–00).

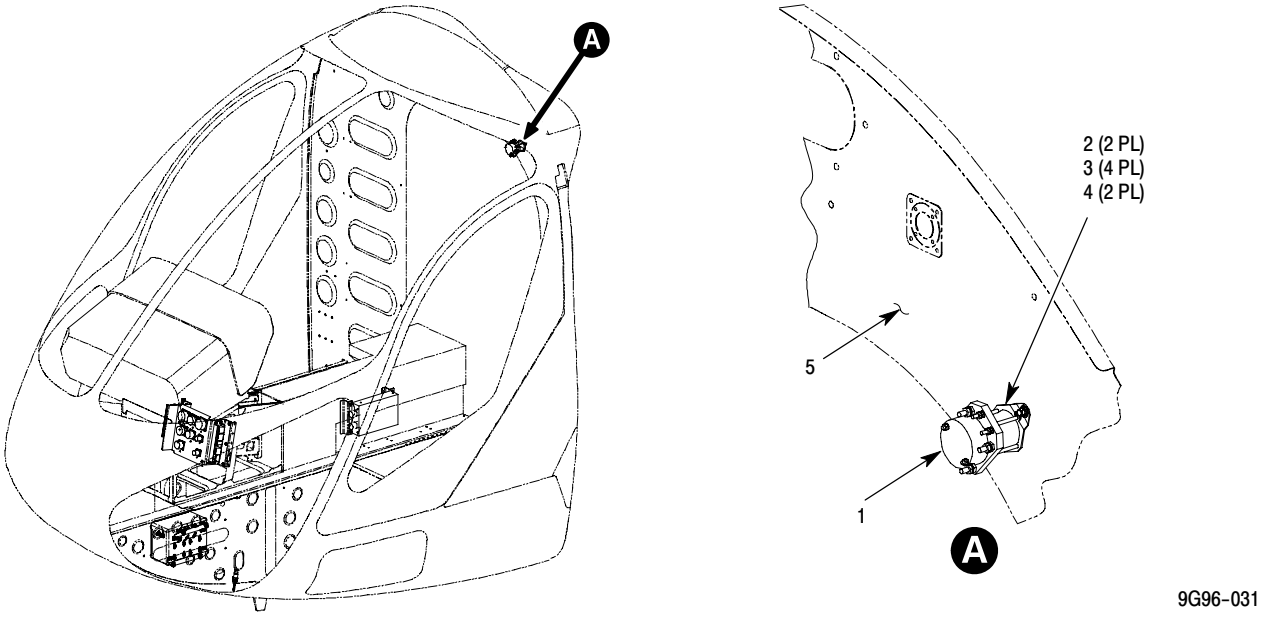
(2). Prepare surface for electrical bond (Ref. CSP–SPM).

(3). Place K100 power relay in position on the bulkhead and install screws, washers and nuts. Torque nuts.

(4). Attach wires to relay.

(5). Install bulkhead cover.

(6). Restore power to helicopter (Ref. Section 96–00–00).



1. K100 POWER RELAY
2. SCREW
3. WASHER
4. NUT
5. BULKHEAD

Figure 412. K100 Power Relay

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DC POWER SYSTEMS

INSPECTION / TEST

1. DC Power System Inspections

A. External Power Box Assembly (A610) Inspection

NOTE: Inspection procedure effective for **900 CONFIG**, **902 CONFIG**, and modified **902 CONFIG** A610.

(Ref. Figure 401)

(1). Verify box assembly is securely fastened to brackets.

(2). Inspect box for any dents, cracks or missing or loose hardware. None allowed.

(3). Inspect connectors for broken or damaged wires. None allowed.

(4). Detach connectors and inspect for broken, bent, burned, or corroded pins and damaged threads. Acceptable thread damage **cannot exceed 50 percent** of one thread, otherwise no damage allowed.

(5). Verify that circuit breakers **CB1** and **CB2** are pushed in (closed).

(6). Verify bonding jumper is securely attached.

B. External Power Box Assembly (A610) Test

NOTE: Test procedure effective for **902 CONFIG**, and modified **902 CONFIG** A610.

(1). Confirm **PITOT HEAT** and **LANDING LIGHT** are **OFF**.

(2). With battery power only, switch **POWER** to **BAT/EXT** and confirm IIDS has power.

CAUTION Fuel shutoff panel (A604) enables fire bottles. Do not engage **BOTTLE DISCHARGE** switch.

(3). On A604, lift **LEFT FUEL SHUTOFF** guard and switch **OFF**.

(4). Confirm IIDS fuel supply display changes from three dashed bars to three stacked bars (indicates fuel valve closed).

(5). Switch **LEFT FUEL SHUTOFF** to **ON** and lower guard.

(6). Switch **POWER** to **ESNTL** and confirm IIDS has power.

(7). Repeat steps 3 thru 5.

(8). Switch **POWER** to **OFF**.

C. External Power Relay Assembly (A614) Inspection

(Ref. Figure 402)

NOTE: This task is for either the FWD or AFT installation.

(1). Verify power relay assembly is securely fastened to brackets.

(2). Inspect power relay for any dents, cracks or missing or loose hardware. None allowed.

(3). Inspect connectors for broken or damaged wires. None allowed.

(4). Detach connectors and inspect for broken, bent, burned, or corroded pins and damaged threads. Acceptable thread damage **cannot exceed 50 percent** of one thread, otherwise no damage allowed.

(5). Verify bonding jumper is securely attached.

D. Forward Interconnect Panel (A612) Inspection

(Ref. Figure 404)

(1). Verify forward interconnect panel is securely fastened to brackets.

(2). Inspect connectors for any broken, bent, burned, or corroded pins. None allowed.

(3). Inspect for any broken or damaged wires. None allowed.

(4). Inspect terminal blocks for any damage. None allowed.

(5). Inspect forward interconnect panel for any dents, cracks or missing hardware. None allowed.

E. External Power Receptacle (A647 or A649) Inspection

(Ref. Figure 406)

NOTE: This task is for either the FWD or AFT installation.

(1). Inspect for corrosion, burn marks or other damage to the three terminals. None allowed.

(2). Inspect external power receptacle wiring for any damage. None allowed.

(3). Verify external power receptacle is securely fastened to fuselage.

F. Generator Control Unit (A409 or A410) Inspection

(Ref. Figure 407)

(1). Verify generator control units are securely fastened to the airframe.

(2). Inspect generator control units for any dents, cracks or other damage. None allowed.

(3). Inspect connectors for any damage. Acceptable thread damage **cannot exceed 50 percent** of one thread, otherwise no damage allowed.

G. Electrical Load Center (A620) Inspection

(Ref. Figure 408)

(1). Verify electrical load center is securely fastened to the airframe.

(2). Inspect electrical load center for any dents, cracks or missing hardware. None allowed.

(3). Inspect connectors for broken or damaged wires. Detach connectors and check for broken, bent, burned, or corroded pins and damaged threads. Acceptable thread damage **cannot exceed 50 percent** of one thread, otherwise no damage allowed.

(4). Inspect circuit breaker panel for damaged circuit breakers. None allowed.

H. Console Control Panels Inspection

(Ref. Figure 411)

(1). Inspect console panels for any broken or damaged switches, circuit breakers or dials. Inspect for any missing hardware. No damage or missing hardware allowed.

(2). Inspect console panel markings for legibility and discoloration. No damage allowed.

(3). Verify console panels are properly fastened to pedestal.

I. K100 Power Relay Inspection

(Ref. Figure 412)

(1). Verify power relay is securely fastened to the bulkhead.

(2). Inspect for any damaged or broken wires. No damage allowed.

J. Keylock Panel Switch Inspection

(1). Insert key into switch and turn. Verify key inserts and turns smoothly, free of any restrictions.

(2). Inspect for any damaged or broken wires. No damage allowed.

Section

96–10–00

Battery and Temperature Sensing

BATTERY AND TEMPERATURE SENSING

FAULT ISOLATION

1. Battery System Troubleshooting

The following troubleshooting procedures are a brief summary of battery system faults which may be encountered (Ref. Table 101).

Battery problems may be caused by other components in the electrical system, (Ref. Section 96–00–00) fault isolation procedures to locate other possible faults.

Table 101. Battery System Troubleshooting

Fault	Probable Cause	Corrective Action	Ref. Section
BAT WARM illuminated on IIDS. (With **External Power** applied to the aircraft.)	Battery temperature above 135 degrees F.	Battery will automatically disengage from system until temperature falls below 135° F.	
	Faulty wiring.	Test and repair wiring.	98–00–00
	Faulty battery.	Replace battery.	96–10–00
	Defective IIDS.	Ref. IIDS Troubleshooting.	95–30–00
BAT WARM illuminated on IIDS. (Without **EXTERNAL POWER** Applied to the aircraft.)	Battery temperature above 135 degrees F.	Inspect battery and replace if necessary.	96–10–00
	Faulty wiring.	Test and repair wiring.	98–00–00
	Faulty battery.	Replace battery.	96–10–00
	Defective IIDS.	Ref. IIDS Troubleshooting.	95–30–00
BAT HOT illuminated on IIDS.	Battery temperature above 160 degrees F.	Inspect battery and replace if necessary.	96–10–00
	Faulty wiring.	.Test and repair wiring.	98–00–00
	Faulty charging system.	Ref. Battery Charging System Troubleshooting.	96–00–00
	Faulty battery.	Replace battery	96–10–00
	Faulty IIDS.	Ref. IIDS Troubleshooting.	95–30–00
BATTERY DISCHARGED displayed on alphanumeric display of IIDS.	Operating on battery power only.	Ref. Battery Charging System Troubleshooting.	96–00–00
	Faulty IIDS.	Ref. IIDS Troubleshooting.	95–30–00
FUEL QUANTITY SEGMENTS not illuminated on FUEL SYSTEM PARAMETER CLUSTER.	Battery voltage below 19.0 volts.	Ref. Low output voltage.	96–10–00
	Faulty IIDS.	Ref. IIDS Troubleshooting.	95–30–00

Table 101. Battery System Troubleshooting (Cont.)

Fault	Probable Cause	Corrective Action	Ref. Section
Zero battery voltage.	Main connector not attached to battery.	Attach battery connector.	96–10–00
	Battery completely discharged.	Recharge battery (Ref. Directives and Related Manufacturers Publications).	01–00–00
	Faulty charging system.	Ref. Battery Charging System Troubleshooting.	96–00–00
	Faulty battery.	Replace battery.	96–10–00
Low output voltage.	Main connector loose or corroded.	Clean and tighten connector (Ref. Directives and Related Manufacturers Publications).	01–00–00
	Faulty charging system.	Ref. Battery Charging System Troubleshooting.	96–00–00
	Electrolyte level too low.	Service Battery (Ref. Directives and Related Manufacturers Publications).	01–00–00
	Faulty battery.	Replace battery.	96–10–00
Overflowing electrolyte.	Electrolyte level too high.	Service battery (Ref. Directives and Related Manufacturers Publications).	01–00–00
	Charging battery at too high voltage or current.	Ref. Battery Charging System Troubleshooting.	96–00–00
	Faulty battery.	Replace battery.	96–10–00
Tarnished, burned or corroded connectors.	Improperly mated or loose connectors.	Clean and tighten connectors (Ref. Directives and Related Manufacturers Publications).	01–00–00
Distorted battery cell(s) case.	Overheating.	Replace battery cell(s). (Ref. Directives and Related Manufacturers Publications).	01–00–00

BATTERY AND TEMPERATURE SENSING

REMOVAL / INSTALLATION

1. Battery

NOTE:

- This task is for either the FWD or AFT installation.
- For the purpose of this task, steps that pertain to the forward installation will begin with **FWD** and the aft installation as **AFT**.

A. Battery Removal

(Ref. Figure 401)

Power Off

Battery

(1). On **ELECTRICAL MASTER** panel, check **POWER** switch is in **OFF** position.

(2). Verify external power is disconnected from external power receptacle.

(3). **FWD -** Open Nose Door N80 (Ref. Section 06–00–00).

(4). **FWD -** Detach connectors **P1** from power connector (9) and **P114** from temperature sensing connector (10).

(5). **AFT** – Open baggage compartment door L262 (Ref. Section 06–00–00).

(6). **AFT-** Detach connectors **P399** from power connector (9) and **P397** from temperature sensing connector (10).

CAUTION Detach tubing before removing battery from helicopter.

(7). Unscrew clamp (7) and detach tubing (2,3) from vent tubes (4).

(8). Remove nuts (5) lockwashers (8) and washers (11) holding bar (6) in place.

(9). Remove bar (6).

(10). Lift battery (1) out of compartment.

B. Battery Installation

(Ref. Figure 401)

Power Off

Battery

(1). On **ELECTRICAL MASTER** panel, check **POWER** switch is in **OFF** position.

(2). Verify external power is disconnected from external power receptacle.

(3). Place battery (1) in compartment.

(4). Install bar (6), washers (8) and nuts (5). Torque nuts (5).

(5). Install tubing (2,3) to vent tubes (4).

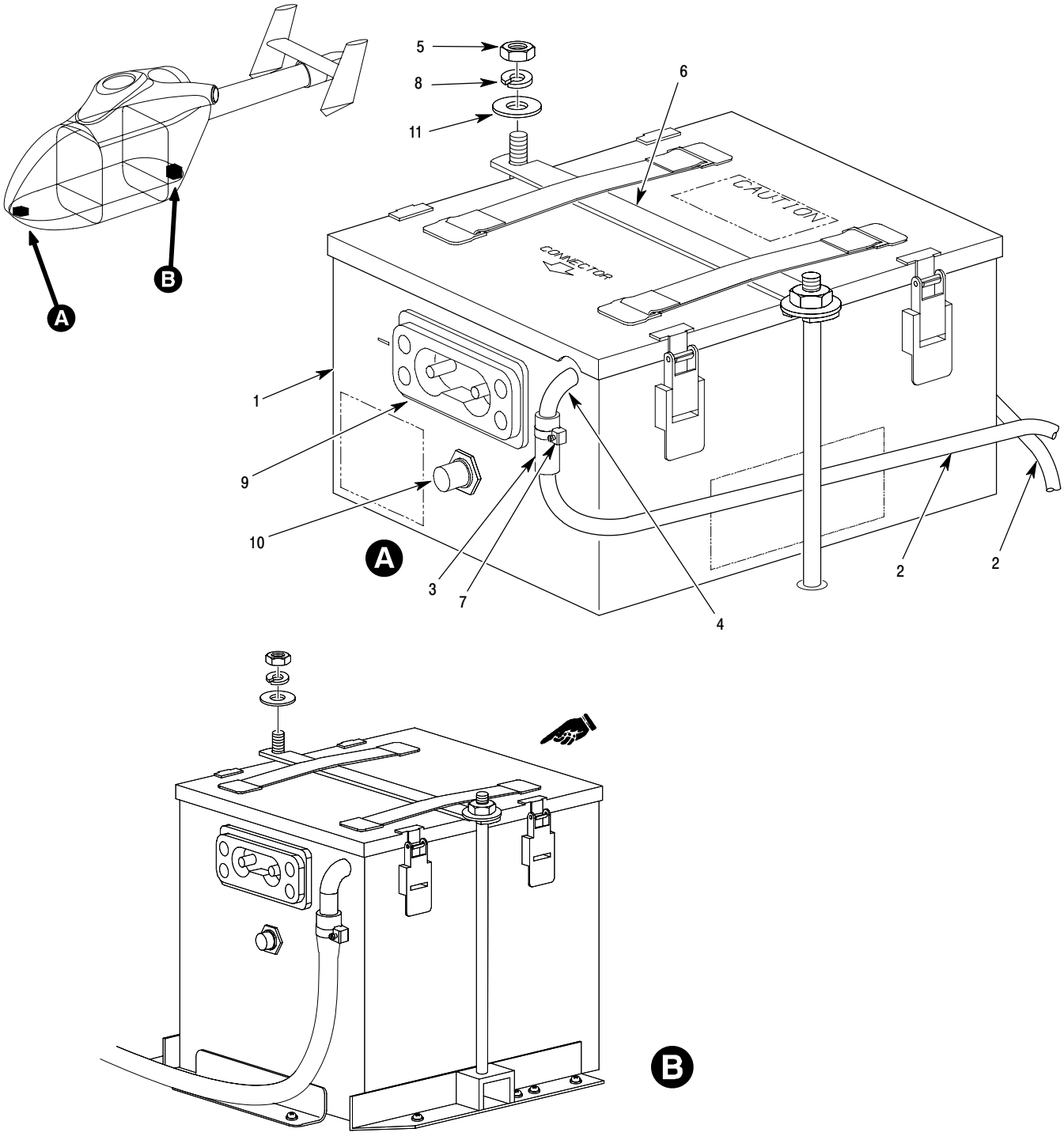
(6). Install clamp (7). Tighten clamp.

(7). **FWD -** Attach connectors **P1** to power connector (9) and **P114** to temperature sensing connector (10).

(8). **FWD -** Close Nose Door N80 (Ref. Section 06–00–00).

(9). **AFT-** Attach connectors **P399** to power connector (9) and **P397** to temperature sensing connector (10).

(10). **AFT** – Close baggage compartment door L262 (Ref. Section 06–00–00).



1. BATTERY
2. TUBING
3. TUBING
4. VENT TUBE
5. NUT
6. BAR
7. CLAMP
8. WASHER
9. POWER CONNECTOR
10. TEMPERATURE SENSING CONNECTOR
11. WASHER

Figure 401. Battery

BATTERY AND TEMPERATURE SENSING

INSPECTION/TEST

1. Battery System

A. Inspection (Area 1 or Area 6)

(Ref. Figure 401)

Battery

(1). Examine battery for indication of electrolyte leakage, corrosion, burns, or holes. None permitted. Salt around connector is an indication of leakage.

(2). Examine battery connector for indication of arcing, corrosion, cracks, or bent terminals. None permitted.

(3). Examine battery system wiring for worn wires, burned wires, or loose connections. None permitted.

(4). Examine battery case and cover for dents, cracks, or distortion. None permitted.

(5). Make sure vent tubing is correctly attached to vent tubes.

(6). Examine vent tubing for unwanted material and kinks. None permitted.

(7). Examine level of electrolyte in each cell. (Ref. Directives and Related Manufacturers Publications, Section 01–00–00).

B. Operational Test

(1). Make sure external electrical power is disconnected from helicopter.

(2). **900 CONFIG -** Close **IIDS** and **FUEL PROBE** circuit breakers of **ESSENTIAL BUS** on essential bus circuit breaker panel.

(3). **9020 CONFIG -** Close **IIDS** circuit breaker of **R ESS BUS** and **FUEL PROBE** circuit breaker of **L ESS BUS** on essential bus circuit breaker panel.

(4). Set **POWER** switch on **ELECTRICAL MASTER** panel to **BAT/EXT**.

(5). If necessary, turn on and adjust intensity of IIDS display with **IIDS** potentiometer on **LIGHTING CONTROL** panel.

(6). Make sure fuel quantity lights on IIDS secondary display **FUEL** are on.(If lights are not on, battery voltage is less than 19.0 volts).

(7). Set **POWER** switch on **ELECTRICAL MASTER** panel to **OFF**.

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Section

96–40–00

Lighting System

LIGHTING SYSTEM
DESCRIPTION AND OPERATION

1. Lighting Subsystem

(Ref. Figure 1 and Figure 4)

The lighting systems provides pilot/copilot control for operating interior and exterior lighting on the MD900. It provides lighting to operate the MD900 in both IFR and VFR environments.

Power for the lighting system is from the battery bus, except for the console and area lighting. These are powered from the lighting bus.

The lighting system has two additional power supplies to provide special lighting power requirements and controls to manage the aircraft lighting.

The two additional power supplies that are used in the lighting system are the light dimmer power supply (LDPS) and the strobe light power supply (SLPS).

The lighting subsystem controls are located on the lighting control panel, audio control panel (optional white strobe light) and collective stick switch panel.

The lighting subsystem consists of the following components:

- Lighting Control Panel
- Interior Lighting
- Light Dimmer Power Supply (LDPS)
- Exterior Lighting
- Red and White (Optional) Strobe Light Power Supply (SLPS)
- Collective Stick Switch Panel

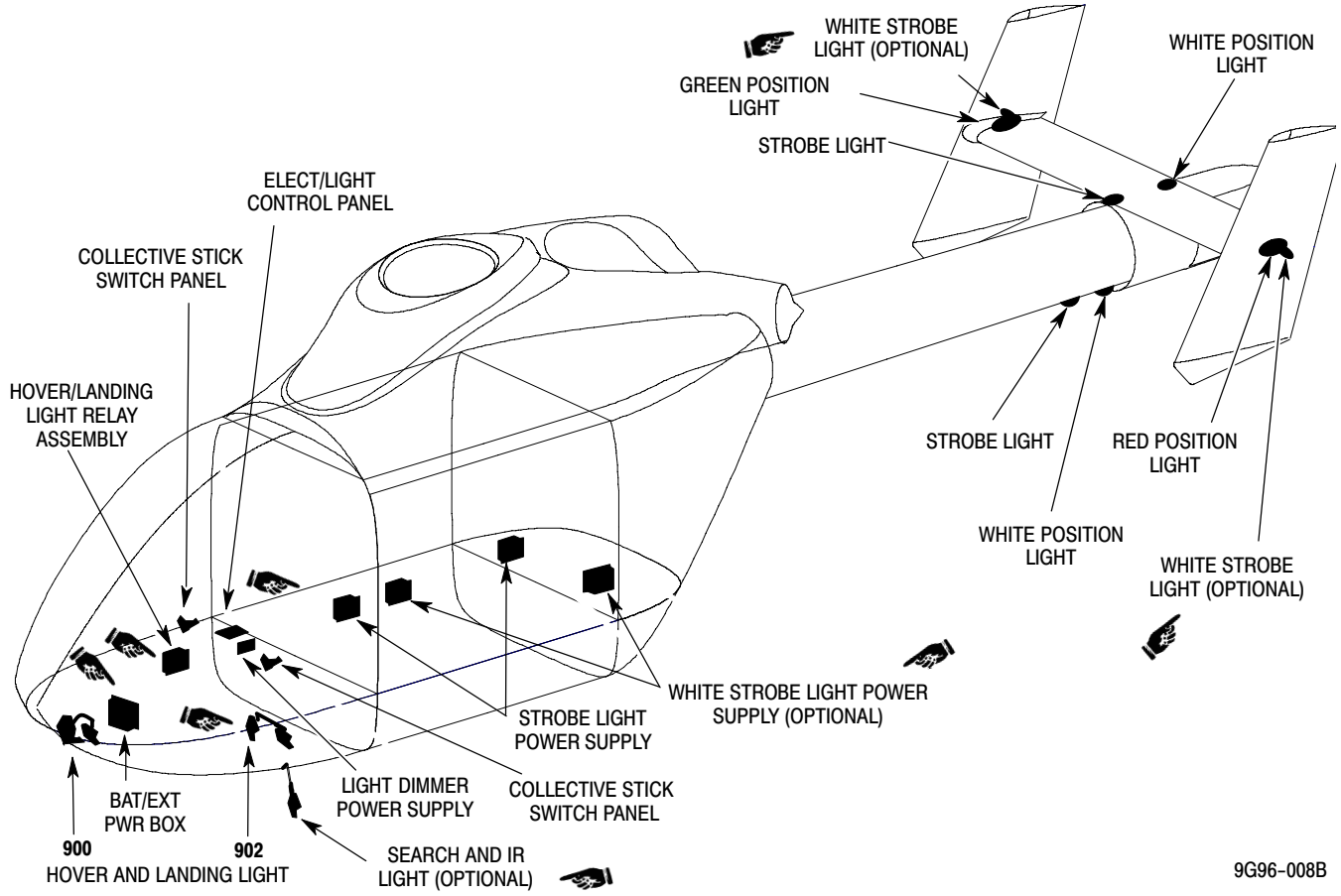

Figure 1. Lighting Subsystem Component Locator

A. Lighting Control Panel

(Ref. Figure 1 and Figure 4)

The lighting control (**LIGHTING CONTROL**) panel is located on the cockpit pedestal and contains the switches and potentiometers used to control operation of the aircraft lighting system.

The aircraft lights are controlled by switches and potentiometers. Located on the lighting master panel are the:

- Light Master Switch (**LT MSTR**)
- Flood/Console Lights Dual Potentiometer (**FLOOD/CONSOLE**)
- Instrument/IIDS Lights Dual Potentiometer (**INSTR/IIDS**)
- **EARLY CONFIG –** Strobe Lights Switch (**STROBE**)
- **CURRENT CONFIG –** Strobe Lights Switch (**STROBES**)
- Position Lights Switch (**POSN**)
- Area Lights Switch (**AREA**)

The light master switch is a two position **ON/OFF** toggle switch. It controls the connection of battery bus power to the lighting bus by engaging the light master relay. The lighting bus supplies power for the instrument and console lighting.

B. Interior Lighting

(Ref. Figure 1, Figure 2 and Figure 4)

The interior lights for the MD900 consist of console lights, flood lights, IIDS lights, instrument lights and area lighting.

The console lights are located within each piece of equipment and panel mounted on the pedestal. They are powered from the lighting bus through the light dimmer power supply. The console lights are controlled using the inner ring of a dual potentiometer dimmer. When the inner ring of the **FLOOD/CONSOLE** dual potentiometer is moved from **OFF** position, an input is supplied to a channel of light dimmer power supply. This provides pilot/copilot brightness control of the console lights.

The flood lights are located within the glareshield. They are powered from the essential bus through the light dimmer power supply. The flood lights are controlled using the outer ring of the **FLOOD/CONSOLE** dual potentiometer dimmer. When the outer ring of the potentiometer is moved from the **OFF** position, an input is supplied to a channel of the light dimmer power supply. This provides pilot/copilot brightness control of the flood lights.

The IIDS lights are located within IIDS. They are powered from the essential bus and right generator bus. The IIDS lights are controlled using the inner ring of the **IIDS/INSTR** dual potentiometer. When the inner ring of the potentiometer is moved from **OFF** position, an input is supplied to the IIDS. This provides pilot/copilot brightness control of the IIDS lights.

The instrument lights are located within each instrument of the instrument panel. They are powered from the lighting bus through the dimmer power supply. The instrument lights are controlled using the outer ring of the **IIDS/INSTR** dual potentiometer. When the outer ring of the potentiometer is moved from the **OFF** position, an input is supplied to a channel of the light dimmer power supply. This provides pilot/copilot brightness control of the instrument lights.

Area lighting is mounted overhead in the cockpit, cabin and baggage compartment. They are powered from the battery bus and controlled by the area (**AREA**) lighting switch. The area lighting switch is a four position rotary switch.

OFF – removes power from area lights

CAB – provides power to cabin area lights

CKP – provides power to the cockpit area light

BOTH – provides power to both the cabin and cockpit area lights

The area light located in the baggage compartment is controlled by a switch mounted on the baggage door. When the door is open, power is connected from the battery bus to the baggage compartment area light.

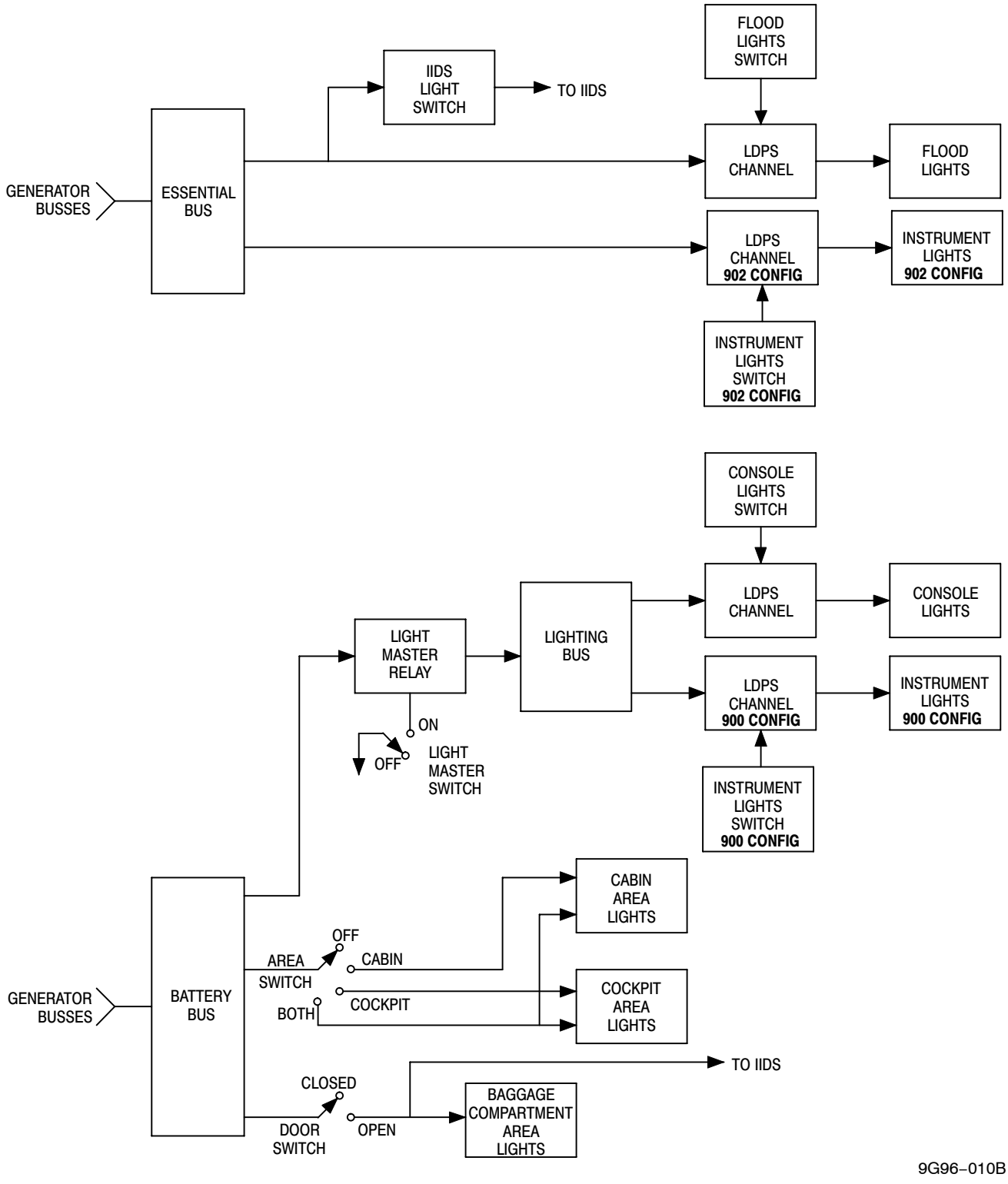

Figure 2. Interior Light Block Diagram

C. Light Dimmer Power Supply (LDPS)

(Ref. Figure 1 and Figure 2)

The light dimmer power supply is located inside the center console. It receives power from the essential bus for the flood lights, and from the lighting bus for the instrument and console lights. It is a four channel regulated power supply. It supplies the power necessary to operate the flood, instrument and console lights at the desired intensity. The light dimmer power supply is controlled by the **CONSOLE/FLOOD** dual potentiometer, and the instrument portion of the **IIDS/INSTR** dual potentiometer.

D. Exterior Lighting

(Ref. Figure 1, Figure 3 and Figure 4)

The exterior lights for the MD900 consist of the red strobe lights, white strobe lights (optional) position lights, hover light, landing light, controllable search light (optional) and infrared (IR) light (optional).

EARLY CONFIG - LIGHTING CONTROL panel – The red strobe lights are controlled by a two position toggle switch (**STROBE - ON,OFF)** located on the **LIGHTING CONTROL** panel.

CURRENT CONFIG - LIGHTING CONTROL panel – The red strobe lights are controlled by a three position toggle switch **(STROBES - BOTH,RED,OFF)** located on the **LIGHTING CONTROL** panel.

There are two red strobe lights on the aircraft. One is centered above the horizontal stabilizer and the other is centered below the tail boom, just forward of the rotating thruster can. The strobe switch connects power from the battery bus to the strobe light power supply. The strobe light power supply supplies the power and timing to operate the strobe lights. The strobe lights flash alternately. Each flash consists of one bright pulse and three dim pulses within four tenths of a second. Each strobe light flashes at 45 times per minute, for a combined 90 flashes per minute for the two strobe lights.

EARLY CONFIG - AUDIO panel – The white strobe lights (optional) are controlled by a two position toggle switch (**WHT STROBE VFR DAY ONLY - ON,OFF**) located on the **AUDIO** panel.

CURRENT CONFIG - LIGHTING CONTROL panel – The white strobe lights (optional) are controlled by a three position toggle switch (**STROBES - BOTH,RED,OFF**) located on the **LIGHTING CONTROL** panel.

There are two white strobe lights (optional) located on the left and right vertical stabilizers. The white strobe lights are installed as a set with the red and green position lights. The switch provides ground for the white strobe light power supply. The strobe light power supply supplies the power and timing to operate the strobe lights. The strobe lights flash alternately. Each flash consists of one bright pulse and three dim pulses within four tenths of a second. Each strobe light flashes at 45 times per minute, for a combined 90 flashes per minute for the two strobe lights.

There are four position lights on the aircraft, one green, one red, and two white. The green light is located on the forward right end plate of the horizontal stabilizer. The red light is located on the forward left end plate of the horizontal stabilizer. One white light is located in the center of the horizontal stabilizer, aft of the upper strobe. The other is located below the tail boom, between the lower strobe light and the rotating thruster can. Power from the battery bus is connected to the position lights by selecting the **ON** position of the position (**POSN**) toggle switch. The position switch is located on the **LIGHTING CONTROL** panel. It is a two position **ON/OFF** toggle switch.

NOTE: 900 CONFIG - The hover light is located in the nose of the aircraft, below the battery compartment. Reference TB 900–011 to modify the landing/hover light forward of the landing gear crosstube.

The hover light is located forward of the forward landing gear crosstube. The hover light is controlled by a three position toggle switch (**LIGHTS - LDG,HVR,OFF**) located on the collective stick switch panel. The switch connects battery bus power to the hover light through the hover light relay.

EARLY CONFIG - The hover light relay is located inside the battery/external power box. The relay is part of the A610 external power relay system located in the nose of the aircraft.

CURRENT CONFIG – The hover light relay is inside the A615 hover/landing light relay assembly. The assembly is located below panel AR129.

The control functions of the toggle switch are:

LDG – connects power to the landing light through the landing light relay

HVR – connects power to the hover light through the hover light relay

OFF – disconnects power from the hover and landing lights

NOTE: 900 CONFIG – The landing light is located in the nose of the aircraft, below the battery compartment. Reference TB 900–011 to modify the landing/hover light forward of the forward landing gear crosstube.

The landing light is located forward of the forward landing gear crosstube and to the right of the hover light. The landing light is controlled by a three position toggle switch (**LIGHTS – HVR,LDG,OFF**) located on the collective stick switch panel. The switch connects essential bus power to the landing light through the landing light relay.

EARLY CONFIG – The landing light relay is located inside the battery/external power box. The relay is part of the A610 external power relay system located in the nose of the aircraft.

CURRENT CONFIG – The landing light relay is inside the A615 hover/landing light relay assembly. The assembly is located below panel AR129.

The search light is located on the lower fuselage ahead of the forward landing gear crosstube and offset to the left of the centerline. **900 CONFIG –** Illuminating the search light is accomplished through the two position toggle switch (**SRCH LT – ON,OFF**) located on the bracket mounted to the pilots collective head. **902 CONFIG –** Illuminating the search light is accomplished through the three position toggle switch (**LIGHTS – SRCH – LT,OFF,IR**) located on the collective stick switch panel. The search light can also be used as a landing light. If the search light is not installed, the switch is inoperative. The switch connects battery bus power routed from the **HVR/LT** circuit breaker and the hover light relay to the lamp relay located in the search light.

902 CONFIG – The search light is available with an optional IR lamp. The IR lamp is located inside the search light housing. Illuminating the IR lamp is accomplished through the three position toggle switch (**LIGHTS – SRCH – LT,OFF,IR**) located on the collective stick switch panel. If the IR lamp is not installed, the IR switch position is inoperative. The switch connects battery bus power routed from the **HVR/LT** circuit breaker and the hover light relay to the lamp relay located in the search light.

Positioning the search light is accomplished through the search light control switch (**EXT,RET,L,R**) located on the collective stick switch panel. If the aircraft is not equipped with a search light, the switch is inoperative. The control functions of the switch are:

EXT – extends the search light

RET – retracts the search light

L – causes search light movement to the left

R – causes search light movement to the right

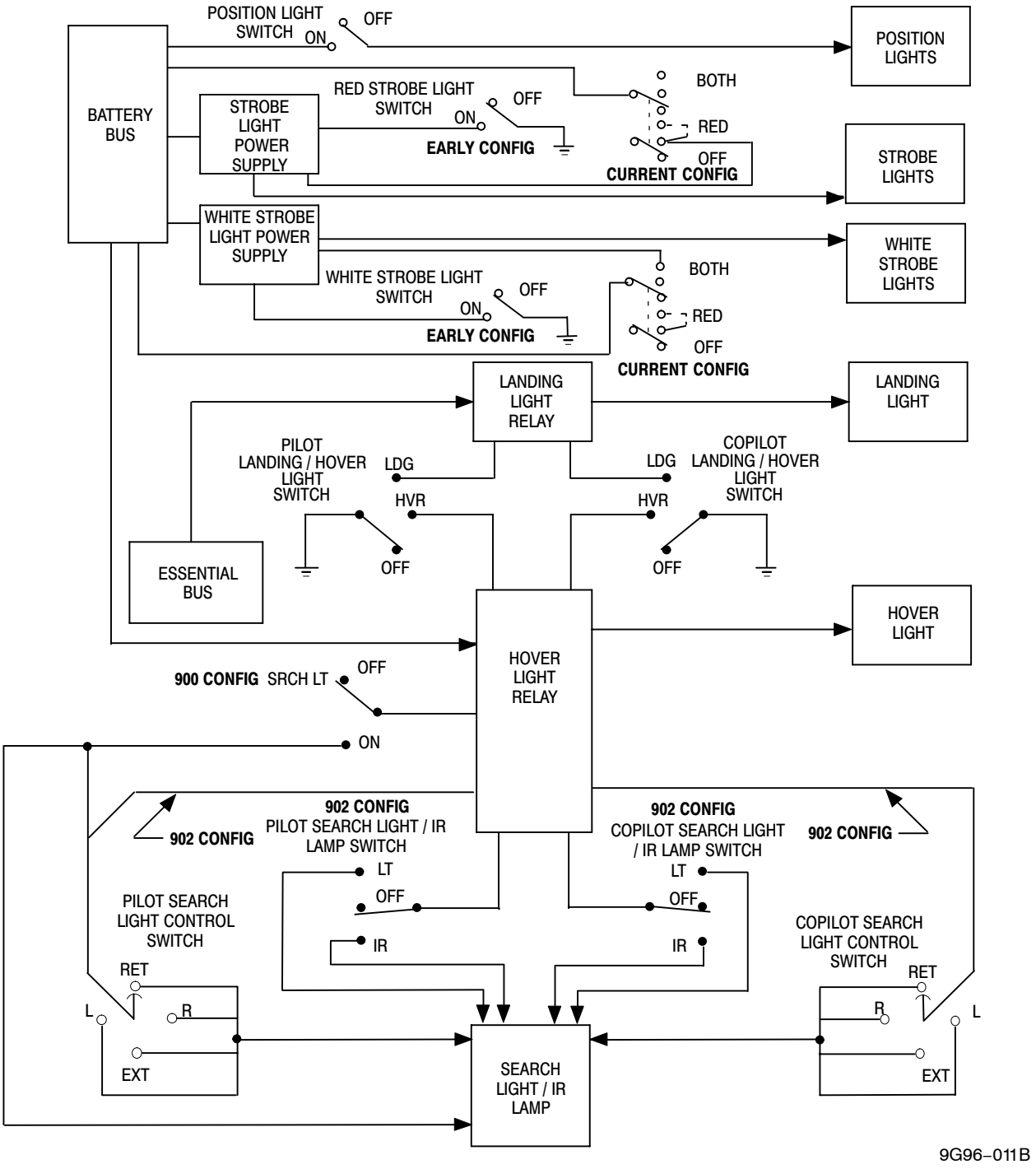

Figure 3. Exterior Light Block Diagram

E. Red and White (option) SLPS

(Ref. Figure 1 and Figure 3)

NOTE: CURRENT CONFIG-The white (option) SLPS is located below panel AR165.

- The red SLPS is located below panel AR165 with aircraft equipped with the optional auxiliary fuel tank.

The red SLPS is located below the baggage compartment floor on the right side. The white SLPS is located below the baggage compartment floor on the left side.

The red SLPS is controlled by the **STROBE -ON,OFF** switch (**CURRENT CONFIG - STROBES-OFF,RED,BOTH** switch) on the **LIGHTING CONTROL** panel. The white SLPS is controlled by the **WHITE STROBE DAY VFR ONLY-ON,OFF** switch on the **AUDIO** panel (**CURRENT CONFIG - STROBES-OFF,RED,BOTH** switch on the **LIGHTING CONTROL**). The SLPS receives power from the battery bus and converts it into pulses.

F. Collective Stick Switch Panel

(Ref. Figure 1 and Figure 4)

The collective stick switch panel is mounted on the top of the collective grip. The switch panel contains controls for aircraft exterior lighting. Located on the switch panel are the:

CONFIG (-107 and -109)

- Landing light (**LIGHTS - LDG**)
- Hover light (**LIGHTS - HVR**)
- Search light (**SRCH LT- ON,OFF**)
- Search light control (**EXT,RET,L,R**)

CONFIG (-111 thru -117)

- Landing light (**LIGHTS - LDG**)
- Hover light (**LIGHTS - HVR**)
- Search light (**LIGHTS - SRCH - LT**)
- IR lamp (**LIGHTS - SRCH - IR)**
- Search light control (**EXT,RET,L,R**)

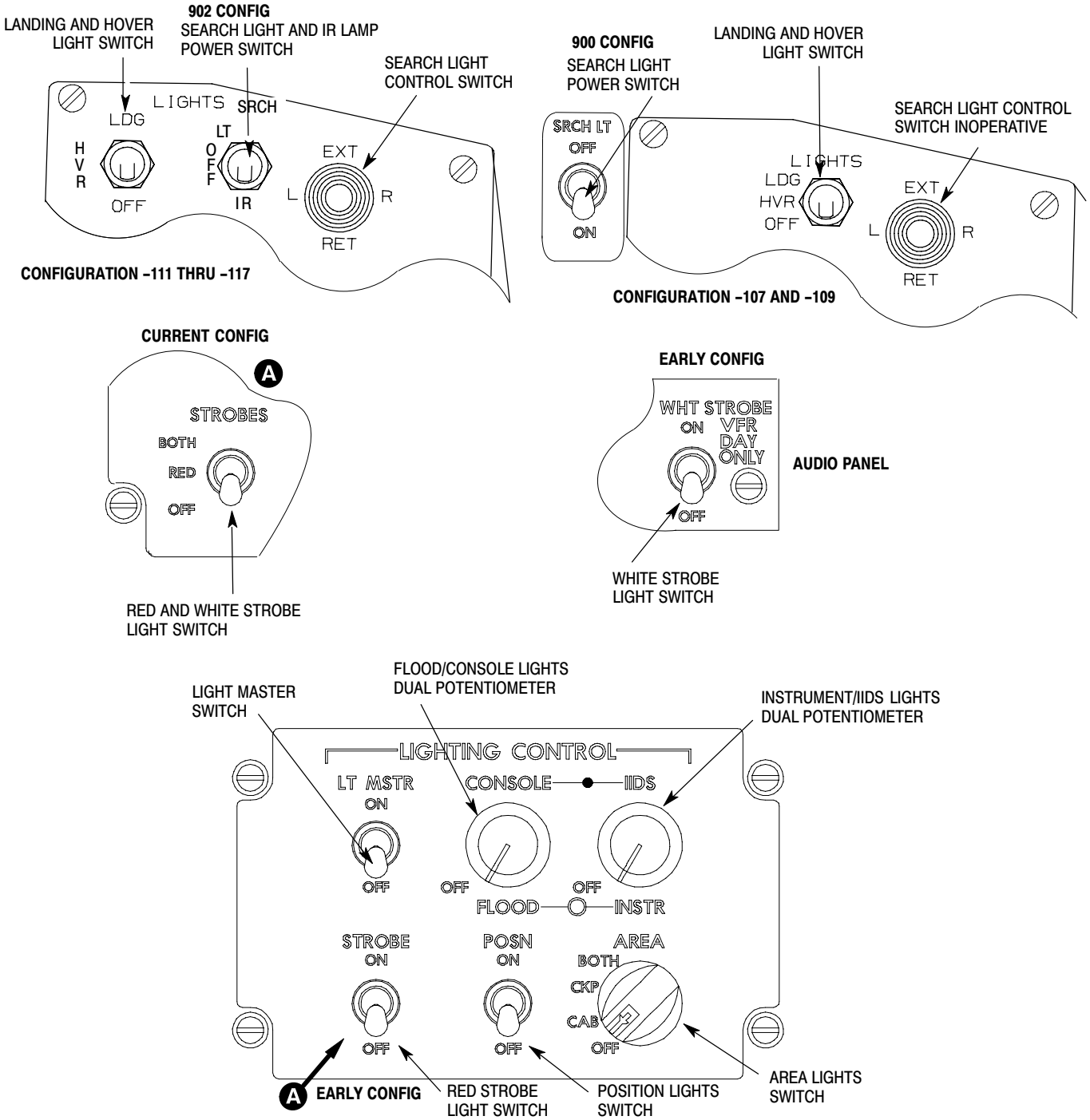

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Figure 4. Lighting Subsystem Controls

LIGHTING SYSTEM

FAULT ISOLATION

1. Interior Lighting System Troubleshooting

The following troubleshooting procedures are a brief summary of interior lighting system faults which may be encountered (Ref. Table 101).

Ref Section 98–40–00 for wiring interconnect diagrams of the interior lighting system.

On **ELECTRICAL MASTER** panel, **POWER** switch is in **BAT/EXT** position.

Table 101. Interior Lighting System Troubleshooting

Fault	Probable Cause	Corrective Action	Ref. Section
None of the interior lights illuminate.	No power from battery bus.	Ref. Power Busses Troubleshooting (No power to battery bus).	96–00–00
	Faulty wiring.	Test and repair wiring.	98–00–00
One console panel fails to illuminate.	Faulty wiring.	Test and repair wiring.	98–00–00
	Faulty light dimmer power supply.	Replace light dimmer power supply.	96–40–00
	Faulty console panel lighting.	Replace console panel.	96–00–00
All console panels fail to illuminate. (**CNSL** circuit breaker is closed. **LT MSTR** switch is in **ON** position. **CONSOLE** knob is not in **OFF** position.)	Faulty wiring.	Test and repair wiring.	96–40–00
	Faulty **CNSL** circuit breaker.	Replace **CNSL** circuit breaker.	98–00–00
	Faulty **LT MSTR** switch.	Replace **LT MSTR** switch.	96–00–00
	Faulty master light relay.	Replace master light relay (K10) located in electrical load center.	96–00–00
	Faulty light dimmer power supply.	Replace light dimmer power supply.	96–00–00
Console panels fail to dim properly.	Faulty **FLOOD** switch.	Replace **FLOOD** switch.	96–00–00
	Faulty light dimmer power supply.	Replace light dimmer power supply.	96–40–00
Flood lights fail to dim properly.	Faulty wiring.	Test and repair wiring.	98–00–00
	Faulty **FLOOD** switch.	Replace **FLOOD** switch.	96–00–00
	Faulty light dimmer power supply.	Replace light dimmer power supply.	96–00–00
One flood light fails to illuminate.	Faulty flood light bulb.	Replace flood light bulb.	96–40–00
	Faulty wiring.	Test and repair wiring.	98–00–00

Table 101. Interior Lighting System Troubleshooting (Cont.)

Fault	Probable Cause	Corrective Action	Ref. Section
All flood lights fail to illuminate. (**FLOOD** switch is not in **OFF** position.)	Faulty wiring.	Test and repair wiring.	98–00–00
	Faulty **FLOOD** switch.	Replace **FLOOD** switch.	96–00–00
	Faulty light dimmer power supply.	Replace light dimmer power supply.	96–40–00
One instrument light fails to illuminate.	Faulty wiring.	Test and repair wiring.	98–00–00
	Faulty instrument light.	Replace instrument.	95–10–00 95–20–00
All instrument lights fail to illuminate.(**INSTR** circuit breaker is closed. **LT MSTR** switch is in **ON** position. **INSTR** switch is not in **OFF** position.)	Faulty wiring.	Test and repair wiring.	98–00–00
	Faulty **INSTR** switch.	Replace **INSTR** switch.	96–00–00
	Faulty **INSTR** circuit breaker.	Replace **INSTR** circuit breaker.	96–00–00
	Faulty **LT MSTR** switch.	Replace **LT MSTR** switch.	96–00–00
	Faulty master light relay.	Replace master light relay (K10) located in the electrical load center.	96–00–00
	Faulty light dimmer power supply.	Replace light dimmer power supply.	96–00–00
Instrument lights fail to dim properly.	Faulty wiring.	Test and repair wiring.	98–00–00
	Faulty **INSTR** switch.	Replace **INSTR** switch.	96–00–00
	Faulty light dimmer power supply.	Replace light dimmer power supply.	96–00–00
Cockpit area light fails to illuminate. (**AREA** circuit breaker is closed. **AREA** switch is in **CKP** or **BOTH** position.)	Faulty wiring.	Test and repair wiring.	98–00–00
	Faulty cockpit area light.	Replace cockpit area light.	25–10–00
	Faulty **AREA** circuit breaker.	Replace **AREA** circuit breaker.	96–00–00
	Faulty **AREA** switch.	Replace **AREA** switch.	96–00–00
Cockpit utility light fails to illuminate. (**AREA** circuit breaker is closed.)	Faulty wiring.	Test and repair wiring.	98–00–00
	Faulty utility light.	Replace utility light.	25–10–00
	Faulty **AREA** circuit breaker.	Replace area lighting circuit breaker.	96–00–00
Cabin area lights fail to illuminate. (**AREA** circuit breaker is closed. **AREA** switch is in **CAB** or **BOTH** position.)	Faulty wiring.	Test and repair wiring.	98–00–00
	Faulty **AREA** circuit breaker.	Replace **AREA** circuit breaker.	96–00–00
	Faulty **AREA** switch.	Replace **AREA** switch.	96–00–00
	Both cabin area lights faulty.	Replace both cabin area lights.	25–20–00
One cabin area light fails to illuminate.	Faulty wiring.	Test and repair wiring.	98–00–00
	Faulty cabin light.	Replace cabin area light.	25–20–00

Table 101. Interior Lighting System Troubleshooting (Cont.)

Fault	Probable Cause	Corrective Action	Ref. Section
Baggage area light fails to illuminate (**AREA** circuit breaker is closed. **LT MSTR** switch is in **ON** position).	Faulty wiring.	Test and repair wiring.	98–00–00
	Faulty baggage area light.	Replace baggage area light.	25–30–00
	Faulty **AREA** circuit breaker.	Replace **AREA** circuit breaker.	96–00–00
	Faulty **LT MSTR** switch.	Replace **LT MSTR** switch.	96–00–00
	Faulty light master relay.	Replace light master relay (K10) in electrical load center.	96–00–00

2. Exterior Lighting System Troubleshooting

The following troubleshooting procedures are a brief summary of exterior lighting system faults which may be encountered (Ref. Table 102).

Ref Section 98–40–00 for wiring interconnect diagrams of the exterior lighting system.

On **ELECTRICAL MASTER** panel, **POWER** switch is in **BAT**/**EXT** position.

Table 102. Exterior Lighting System Troubleshooting

Fault	Probable Cause	Corrective Action	Ref. Section
Hover light fails to illuminate. (**HVR LGT** circuit breaker is closed. Hover/landing light switch in **HVR** position).	No power to left generator or battery bus. (Depending on circuit breaker location.)	Ref. Power Bus Troubleshooting (No power to left generator bus or battery bus.)	96–00–00
	Faulty wiring.	Test and repair wiring.	98–00–00
	Faulty hover light	Replace hover light.	96–40–00
	Faulty **LDG**/**HVR LIGHT** switch.	Replace **LDG**/**HVR LIGHT** switch.	67–10–20
	Faulty **HVR LIGHTS** circuit breaker.	Replace **HVR LIGHTS** circuit breaker.	96–00–00
	Faulty hover light relay	**EARLY CONFIG** – Replace hover light relay (K6) in external power box assembly (A610).	96–00–00
		CURRENT CONFIG – Replace hover light relay (K1) in hover/landing light relay assembly (A615).	96–40–00
Landing light fails to illuminate. (**LAND LGT** circuit breaker is closed. Hover/landing light switch in **LDG** position).	No power to right generator bus.	Ref. Power Bus Troubleshooting (No power to right generator bus).	96–00–00
	Faulty wiring.	Test and repair wiring.	98–00–00
	Faulty landing light.	Replace landing light.	96–40–00
	Faulty **LDG**/**HVR LIGHT** switch.	Replace **LDG**/**HVR LIGHT** switch.	67–10–20
	Faulty **LDG LIGHT** circuit breaker.	Replace **LDG LIGHT** circuit breaker.	96–00–00
	Faulty landing light relay.	**EARLY CONFIG** – Replace landing light relay (K5) in external power box assembly (A610).	96–00–00
		CURRENT CONFIG – Replace landing light relay (K2) in hover/landing light relay assembly (A615).	96–40–00

Table 102. Exterior Lighting System Troubleshooting (Cont.)

Fault	Probable Cause	Corrective Action	Ref. Section
One or more (not all) of the position lights fails to illuminate. (**POSN** switch on the **LIGHTING CONTROL** panel is **ON** position.)	Faulty wiring.	Test and repair wiring.	98–00–00
	Faulty position light(s).	Replace position light.	96–40–00
All of the position lights fail to illuminate. (**POSN** circuit breaker is closed. **POSN** switch is in **ON** position.)	No power from battery bus.	Ref. Power Bus Troubleshooting (No power to battery bus.)	96–00–00
	Faulty wiring	Test and repair wiring.	98–00–00
	Faulty **POSN** circuit breaker.	Replace **POSN** circuit breaker.	96–00–00
	Faulty **POSN** switch.	Replace **POSN** switch.	96–00–00
Both red strobe lights fail to flash. (**STROBE** circuit breaker is closed. **EARLY CONFIG – STROBE** switch is in **ON** position. **CURRENT CONFIG – STROBES** switch is in **RED** or **BOTH** position.)	No power to battery bus.	Ref. Power Bus Troubleshooting (No power to battery bus).	96–00–00
	Faulty wiring.	Test and repair wiring.	98–00–00
	Faulty **STROBE** light circuit breaker.	Replace **STROBE** light circuit breaker.	96–00–00
	EARLY CONFIG – Faulty **STROBE** light switch.	Replace **STROBE** light switch.	96–00–00
	CURRENT CONFIG – Faulty **STROBES** light switch.	Replace **STROBES** light switch.	96–00–00
	Both strobe lights are faulty.	Replace both strobe lights.	96–40–00
	Faulty strobe light power supply.	Replace strobe light power supply.	96–40–00
One red strobe light fails to flash. (**STROBE** circuit breaker is closed. **EARLY CONFIG – STROBE** switch is in **ON** position. **CURRENT CONFIG – STROBES** switch is in **RED** or **BOTH** position.)	Faulty wiring.	Test and repair wiring.	98–00–00
	Faulty strobe light.	Replace strobe light.	96–40–00
Red strobe lights do not alternately flash.	Faulty strobe light power supply.	Replace strobe light power supply.	96–40–00

Table 102. Exterior Lighting System Troubleshooting (Cont.)

Fault	Probable Cause	Corrective Action	Ref. Section
Both white strobe lights fail to flash. (**WHITE STROBE** circuit breaker is closed. **EARLY CONFIG – WHITE STROBE VFR DAY ONLY** switch is in **ON** position. **CURRENT CONFIG – STROBES** switch is in **BOTH** position.)	No power to battery bus.	Ref. Power Bus Troubleshooting (No power to battery bus)	96–00–00
	Faulty wiring.	Test and repair wiring.	98–00–00
	Faulty **WHITE STROBE** light circuit breaker.	Replace **WHITE STROBE** light circuit breaker.	96–00–00
	EARLY CONFIG – Faulty **WHITE STROBE VFR DAY ONLY** light switch.	Replace **WHITE STROBE VFR DAY ONLY** light switch.	96–00–00
	CURRENT CONFIG – Faulty **STROBES** light switch.	Replace **STROBES** light switch.	96–00–00
	Both white strobe lights are faulty.	Replace both white strobe lights.	96–40–00
	Faulty strobe light power supply.	Replace strobe light power supply.	96–40–00
One white strobe light fails to flash. (**WHITE STROBE** circuit breaker is closed. **EARLY CONFIG – WHITE STROBE VFR DAY ONLY** switch is in **ON** position. **CURRENT CONFIG – STROBES** switch is in **BOTH** position.)	Faulty wiring.	Test and repair wiring.	98–00–00
	Faulty white strobe light.	Replace white strobe light.	96–40–00
White strobe lights do not alternately flash.	Faulty strobe light power supply.	Replace strobe light power supply.	96–40–00

Table 102. Exterior Lighting System Troubleshooting (Cont.)

Fault	Probable Cause	Corrective Action	Ref. Section
Search light fails to illuminate. (**HVR LGT** circuit breaker and **SRCH LT** circuit breaker are closed.)	No power to battery bus.	Ref. Power Bus Troubleshooting (No power to battery bus).	96–00–00
	Faulty wiring.	Test and repair wiring.	98–00–00
	Faulty search light and IR lamp power switch.	Replace search light and IR lamp power switch.	67–10–20
	Faulty **HVR LT** circuit breaker.	Replace **HVR LT** circuit breaker.	96–00–00
	Faulty **SRCH LT** circuit breaker.	Replace **SRCH LT** circuit breaker.	96–00–00
	Faulty hover light relay	Replace hover light relay (K6) in external power box assembly (A610).	96–00–00
		Replace hover light relay (K1) in hover/landing light relay assembly (A615).	96–40–00
	Faulty lamp.	Replace lamp.	96–40–00
	Faulty search light.	Replace search light.	96–40–00
Search light fails to deploy and/or rotate. (**HVR LGT** circuit breaker and **SRCH LT** circuit breaker are closed.)	No power to battery bus.	Ref. Power Bus Troubleshooting (No power to battery bus).	96–00–00
	Faulty wiring.	Test and repair wiring.	98–00–00
	Obstruction preventing movement of light.	Clear obstruction.	96–40–00
	Faulty search light control switch.	Replace search light control switch.	67–10–20
	Faulty **HVR LT** circuit breaker.	Replace **HVR LT** circuit breaker.	96–00–00
	Faulty **SRCH LT** circuit breaker.	Replace **SRCH LT** circuit breaker.	96–00–00
	Faulty search light.	Replace search light.	96–40–00

Table 102. Exterior Lighting System Troubleshooting (Cont.)

Fault	Probable Cause	Corrective Action	Ref. Section
IR lamp fails to illuminate. (**HVR LGT** circuit breaker and **SRCH LT** circuit breaker are closed.)	No power to battery bus.	Ref. Power Bus Troubleshooting (No power to battery bus).	96–00–00
	Faulty wiring.	Test and repair wiring.	98–00–00
	Faulty search light and IR lamp power switch.	Replace search light and IR lamp power switch.	67–10–20
	Faulty **HVR LT** circuit breaker.	Replace **HVR LT** circuit breaker.	96–00–00
	Faulty **SRCH LT** circuit breaker	Replace **SRCH LT** circuit breaker.	96–00–00
	Faulty hover light relay	Replace hover light relay (K6) in external power box assembly (A610).	96–00–00
		Replace hover light relay (K1) in hover/landing light relay assembly (A615).	96–40–00
	Faulty lamp.	Replace lamp.	96–40–00
	Faulty IR lamp assembly.	Replace IR lamp assembly.	96–40–00
IR lamp fails to deploy and/or rotate. (**HVR LGT** circuit breaker and **SRCH LT** circuit breaker are closed.)	No power to battery bus.	Ref. Power Bus Troubleshooting (No power to battery bus).	96–00–00
	Faulty wiring.	Test and repair wiring.	98–00–00
	Obstruction preventing movement of light.	Clear obstruction.	96–40–00
	Faulty search light control switch.	Replace search light control switch.	67–10–20
	Faulty **HVR LT** circuit breaker.	Replace **HVR LT** circuit breaker.	96–00–00
	Faulty **SRCH LT** circuit breaker.	Replace **SRCH LT** circuit breaker.	96–00–00
	Faulty IR lamp assembly.	Replace IR lamp assembly.	96–40–00

LIGHTING SYSTEM
REMOVAL / INSTALLATION

1. Hover/Landing Light

A. CONFIG 900 – Hover/Landing Light Removal

(Ref. Figure 401)

Power Off

(1). Verify all power is removed from helicopter (Ref. Section 96–00–00).

(2). Remove access panel N82 (Ref. Section 06–00–00).

(3). Detach connector (1) from connector **J3** (2) on external power box (A610) assembly (3).

(4). Cut and discard tie wraps holding wire harness.

(5). Remove screws (4) and nuts (5) holding hover light (13) and landing light (14) to lower bracket (6).

(6). Remove screws (6), washers (11) and nuts (12) holding hover light (13) and landing light (14) to upper bracket (15).

(7). Remove hover light (13) and landing light (14).

B. CONFIG 900 – Hover/Landing Light Installation

(Ref. Figure 401)

Consumable Materials (Ref. CSP–SPM)

Item	Nomenclature
C711	Strap, Tiedown
C704	Tape, Fastener

Power Off

(1). Verify all power is removed from helicopter (Ref. Section 96–00–00).

(2). Prepare surface for electrical bond (Ref. CSP–SPM).

(3). Place hover light (13) and landing light (14) in position and install the screws (6), washers (11) and nuts (12) to upper bracket (15). Torque screws (6).

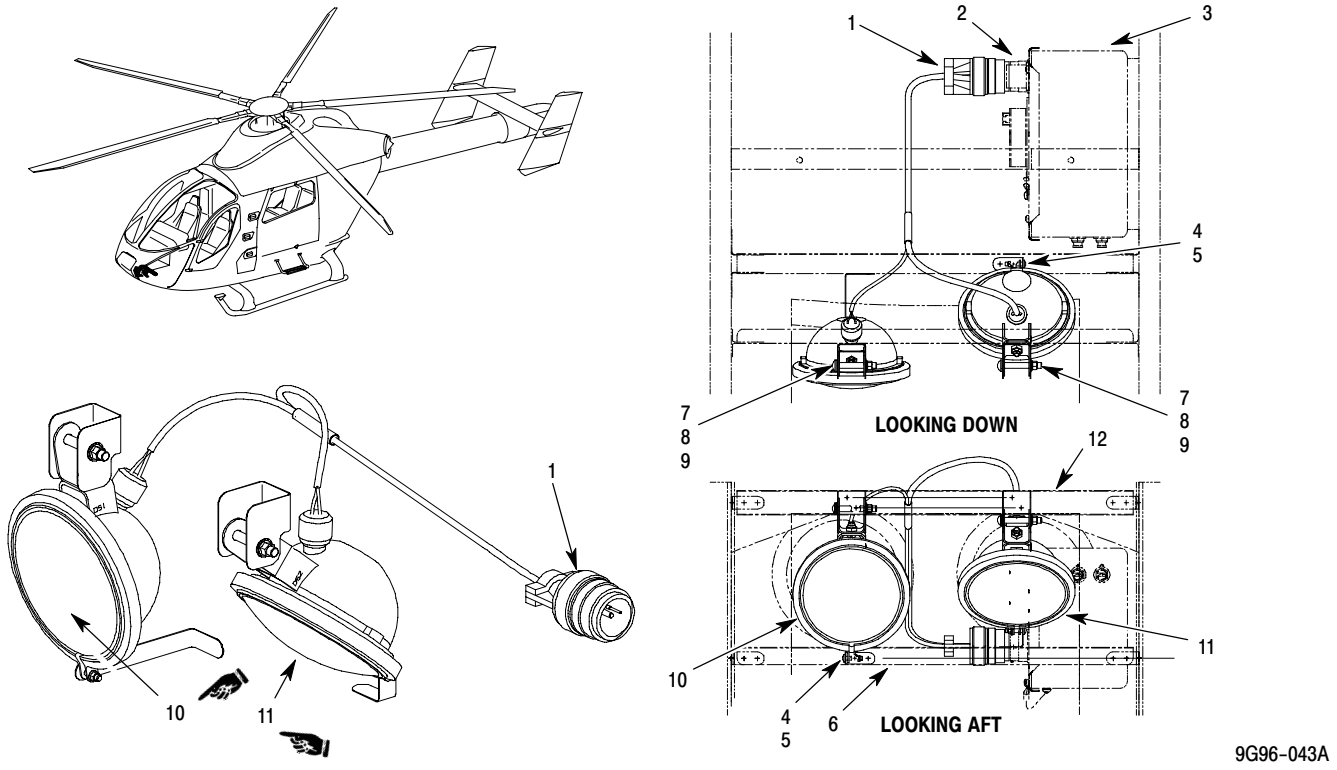
(4). Install screws (4) and nuts (5) holding hover light (13) and landing light (14) to lower bracket (6). Torque screws (4).

(5). Attach connector (1) to connector **J3** (2) on external power box (A610) assembly (3).

(6). Tie wrap wire harness using tiedown strap (C711).

(7). Install access panel N82 (Ref. Section 06–00–00).

(8). Restore power to helicopter (Ref. Section 96–00–00).



1. CONNECTOR P1
2. CONNECTOR J3
3. EXTERNAL POWER BOX ASSEMBLY
4. SCREW
5. NUT
6. LOWER BRACKET
7. SCREW
8. WASHER
9. NUT
10. LANDING LIGHT
11. HOVER LIGHT
12. UPPER BRACKET

Figure 401. CONFIG 900 – Hover/Landing Light Assembly

C. CONFIG 902 – Hover/Landing Light Removal

(Ref. Figure 402)

Power Off

(1). Verify all power is removed from helicopter (Ref. Section 96–00–00).

(2). Remove screws (4) and washers (5) from landing light bracket assembly (14) and adjustment bracket (6).

(3). Remove screws (4) and washers (5) from hover light bracket assembly (13) and adjustment bracket (6).

(4). Remove nuts (12) from studs (11).

(5). Remove light assembly (10) from landing light bracket assembly (14).

(6). Remove light assembly (10) from hover light bracket assembly (13).

(7). Remove screws (8) and washers (7) from adjustment brackets (6) and light assemblies (10).

(8). Remove caps (1) from connectors (3).

(9). Remove lamps (15, 9) from light assemblies (10).

(10). Disconnect wires (2) from terminal lugs on lamps (15, 9).

(11). Remove screws (4) and washers (5) from landing light bracket assembly (14).

(12). Remove screws (4) and washers (5) hover light bracket assembly (13)

(13). Remove landing light bracket assembly (14) from aircraft.

(14). Remove hover light bracket assembly (13) from aircraft.

D. CONFIG 902 – Hover/Landing Light Installation

(Ref. Figure 402)

Power Off

(1). Verify all power is removed from helicopter (Ref. Section 96–00–00).

(2). Apply polyethylene tape (C704) to landing light bracket assembly (14) faying surface.

(3). Apply polyethylene tape (C704) to hover light bracket assembly (13) faying surface.

(4). Install landing light bracket assembly (14) with screws (4) and washers (5). Torque screws (4).

(5). Install hover light bracket assembly (13) with screws (4) and washers (5). Torque screws (4).

(6). Connect wires (2) to terminal lugs on lamps (15, 9). Crimp terminal lugs on lamps (15, 9).

(7). Install caps (1) on connectors (3).

(8). Install lamps (15, 9) in light assemblies (10).

(9). Install screws (8) and washers (7) in adjustment brackets (6) and light assemblies (10). Torque screws (8) to ensure no axial movement.

(10). Install light assembly (10) in landing light bracket assembly (14).

(11). Install light assembly (10) in hover light bracket assembly (13).

(12). Install nuts (12) on studs (11). Do not torque nuts (12) at this time.

(13). Install screws (4) and washers (5) in landing light bracket assembly (14) and adjustment bracket (6). Do not torque screws (4) at this time.

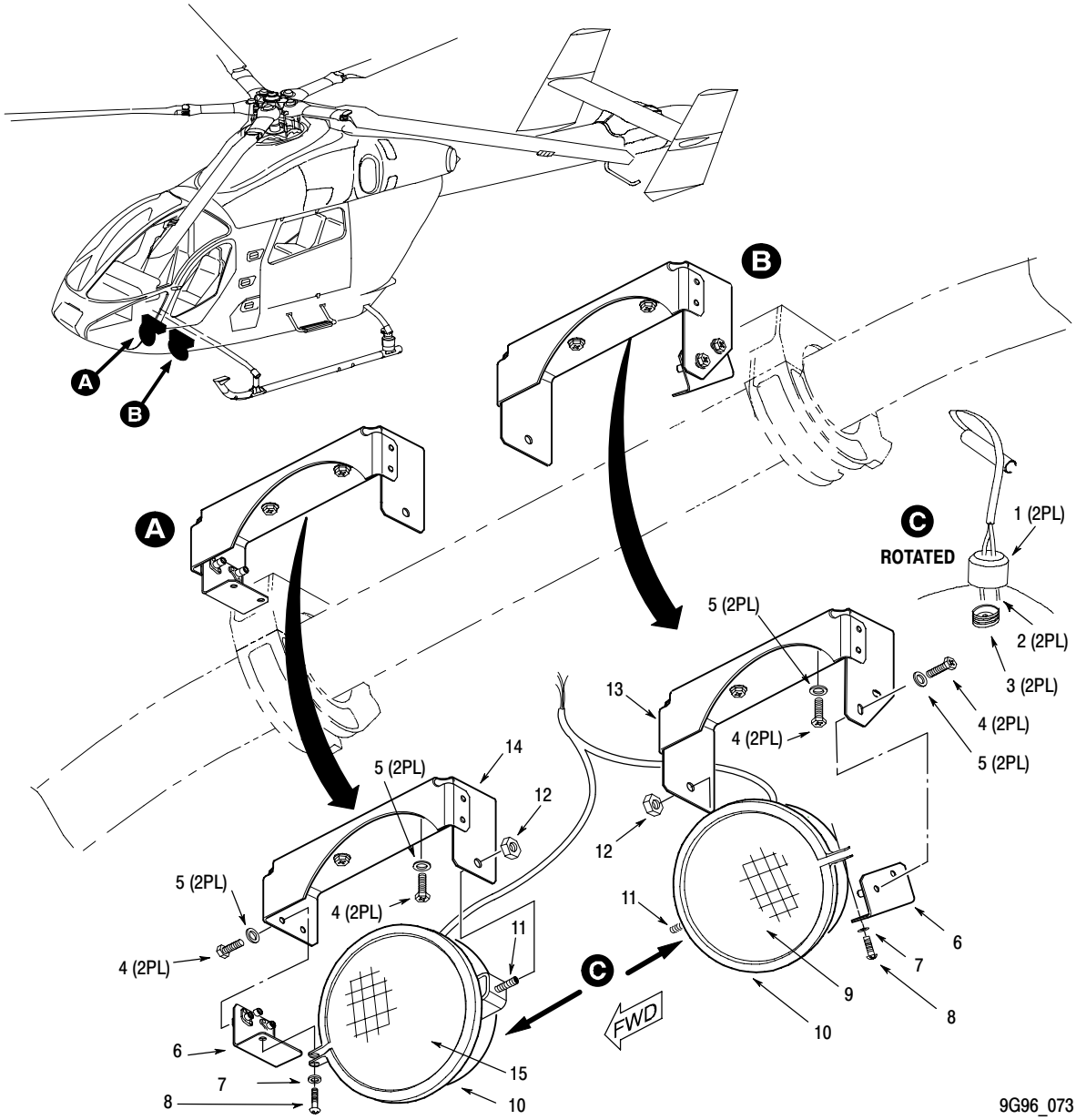
(14). Install screws (4) and washers (5) in hover light bracket assembly (13) and adjustment bracket (6). Do not torque screws (4) at this time.

(15). Adjust light assembly (10) to **13° ± .5°** center line of lamp (15) in relation to aircraft waterline.

(16). Adjust light assembly (10) to **13° ± .5°** center line of lamp (9) in relation to aircraft waterline.

(17). Torque nuts (12) and screws (4).

(18). Restore power to helicopter (Ref. Section 96–00–00).



1. CAP
2. WIRES
3. CONNECTOR
4. SCREW
5. WASHER
6. ADJUSTMENT BRACKET
7. WASHER
8. SCREW
9. LAMP
10. LIGHT ASSEMBLY
11. STUD
12. NUT
13. HOVER LIGHT BRACKET ASSEMBLY
14. LANDING LIGHT BRACKET ASSEMBLY
15. LAMP

Figure 402. CONFIG 902 – Hover/Landing Light Assembly

2. Hover/Landing Light Relay Assembly

A. Hover/Landing Light Relay Assembly Removal

(Ref. Figure 403)

Power Off

(1). Verify that all power is removed from the helicopter (Ref. Section 96–00–00).

(2). Open access panel AR129 (Ref. Section 06–00–00).

(3). Disconnect P136 from J1 and P132 from J2.

(4). Remove screws (12) and washers (11) from support assembly (9) and cover (10). Remove cover (10).

(5). Remove nut (3), screw (6) and washers (5, 2) from wire (4).

(6). Remove screws (8) and washers (7) from bracket assembly (1) and support assembly (9).

(7). Remove support assembly (9) from bracket assembly (1).

B. Hover/Landing Light Relay Assembly Installation

(1). Place support assembly (9) in position and install screws (8) and washers (7) in support assembly (9) bracket assembly (1). Tighten screws (8).

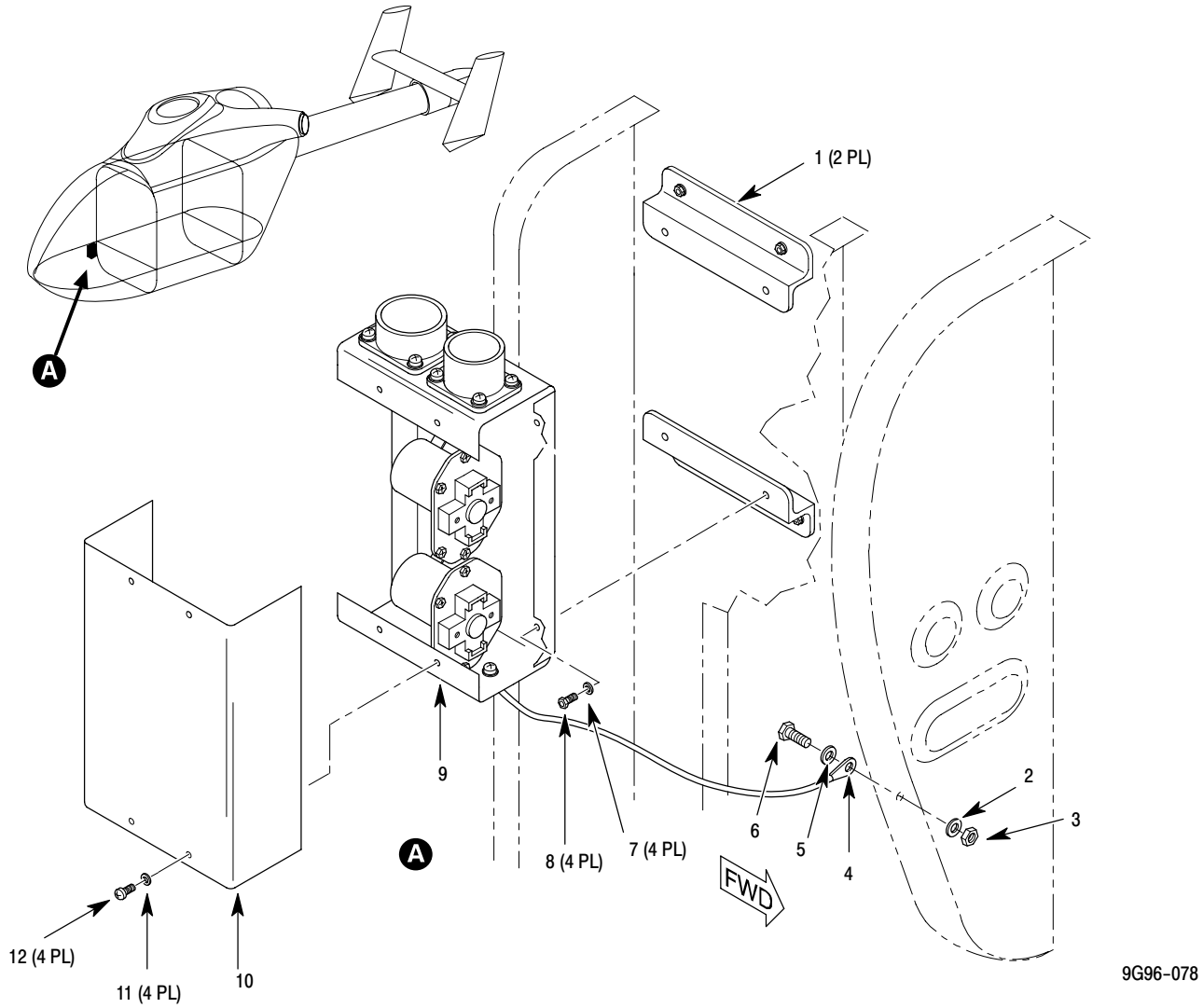
(2). Install screw (6), washers (5, 2) and nut (3) on wire (4). Tighten screw (6).

(3). Install screws (12) and washers (11) in cover (10) and support assembly (9). Tighten screws (12).

(4). Connect P132 to J2 and P136 to J1.

(5). Install panel AR129 (Ref. Section 96–00–00).

(6). Restore power to helicopter (Ref. Section 96–00–00).



1. BRACKET ASSEMBLY
2. WASHER
3. NUT
4. WIRE
5. WASHER
6. SCREW
7. WASHER
8. SCREW
9. SUPPORT ASSEMBLY
10. COVER
11. WASHER
12. SCREW

Figure 403. Hover/Landing Light Relay Assembly

3. Upper, Aft Light Assembly (Strobe and Position Lights)

A. Upper, Aft Light Assembly (Strobe and Position Light) Removal

(Ref. Figure 404)

Power Off

(1). Verify that all power is removed from the helicopter (Ref. Section 96–00–00).

(2). Remove empennage assembly (Ref. Section 53–55–00).

(3). Detach splices **SP1** and **SP2** from right position light. Detach splices **SP3** and **SP4** from left position light.

(4). Detach connectors (7).

(5). Remove screw holding position light (1). Remove clamp (5) holding strobe light (3).

(6). **EARLY CONFIG:** Detach bonding jumper (8) from upper position light (1) and clamp (5) on strobe light (3).

(7). **CURRENT CONFIG:** Detach terminal lug (9) from upper position light (1) and clamp (5) on strobe light (3).

(8). Remove upper, aft light assembly.

B. Upper, Aft Light Assembly (Strobe and Position Light) Installation

(Ref. Figure 404)

Power Off

(1). Verify that all power is removed from the helicopter (Ref. Section 96–00–00).

NOTE: Strobe light should be installed so that reflector causes light to flash in the aft direction.

(2). Install strobe light (3) and attach clamp (5).

(3). Install position light (1).

(4). Bond–prep base of position light (1) amd clamp (5) to terminal lug (9) contact surfaces for grounding (Ref. Section 20–50–00).

(5). Attach terminal lug (9) to base of position light (1) and install screw. Torque screw.

(6). Attach terminal lug (9) to clamp (5). tighten clamp (5).

(7). Attach connectors (7).

(8). Attach splices **SP1** and **SP2** to right position light. Attach splices **SP3** and **SP4** to left position light.

(9). Install empennage assembly (Ref. Section 53–55–00).

(10). Restore power to the helicopter (Ref. Section 96–00–00).

4. Lower, Aft Light Assembly (Strobe and Position Lights)

A. Lower, Aft Light Assembly (Strobe and Position Light) Removal

(Ref. Figure 404)

Power Off

(1). Verify that all power is removed from the helicopter (Ref. Section 96–00–00).

(2). Remove lower tailboom/thruster fairing assembly (Ref. Section 53–40–00).

(3). Detach connector (6).

(4). Remove clamp (5) on strobe light (4) and screw on lower position light (2).

(5). Remove light assembly.

B. Lower, Aft Light Assembly (Strobe and Position Light) Installation

(Ref. Figure 404)

Power Off

(1). Verify that all power is removed from the helicopter (Ref. Section 96–00–00).

NOTE: Strobe light should be installed so that reflector causes light to flash in the aft direction.

CAUTION Ensure **0.125 in (3.18 mm)** drain hole is open in center of strobe light cover.

(2). Install strobe light and attach clamp (5). Tighten clamp (5).

(3). Install position light (2) and install screw. Torque screw.

(4). Attach connector (6).

(5). Install lower tailboom/thruster fairing assembly (Ref. Section 53–40–00).

(6). Restore power to the helicopter (Ref. Section 96–00–00).

5. Strobe Light Bulb

A. Strobe Light Bulb Removal

(Ref. Figure 404)

Power Off

(1). Verify that all power is removed from the helicopter (Ref. Section 96–00–00).

(2). Remove clamp (5).

(3). Remove strobe light cover.

(4). Remove strobe light bulb.

B. Strobe Light Bulb Installation

(Ref. Figure 404)

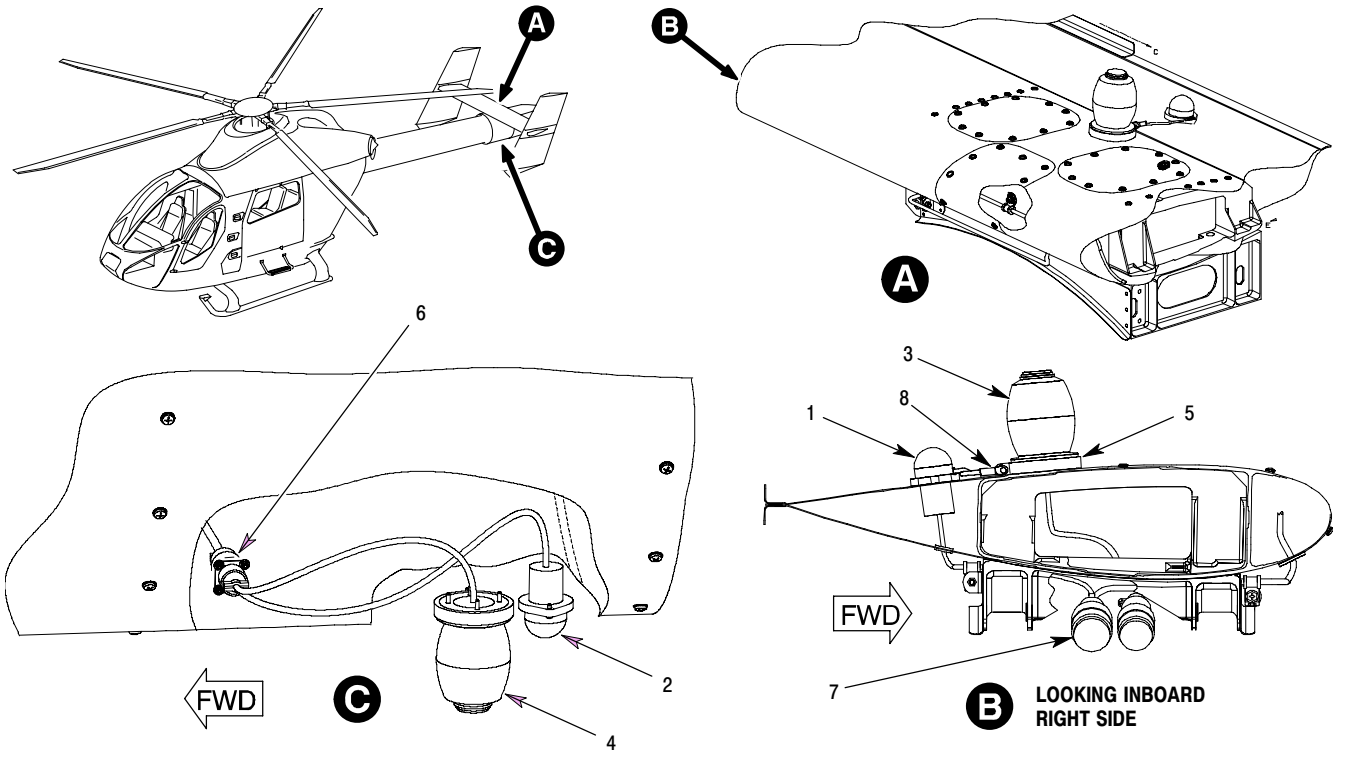
Power Off

(1). Verify that all power is removed from the helicopter (Ref. Section 96–00–00).

(2). Install strobe light bulb.

(3). Install strobe light cover and attach clamp. Tighten clamp (5).

(4). Restore power to the helicopter (Ref. Section 96–00–00).



1. UPPER POSITION LIGHT
2. LOWER POSITION LIGHT
3. UPPER STROBE LIGHT
4. LOWER STROBE LIGHT
5. CLAMP
6. CONNECTOR
7. CONNECTORS
8. **EARLY CONFIG:** BONDING JUMPER/**CURRENT CONFIG:** SPLICE SLEEVE
9. **CURRENT CONFIG:** TERMINAL LUG

Figure 404. Upper and Lower, Aft Light Assemblies (Strobe and Position)

6. Position Light, Color (Left and Right)

NOTE: Removal and installation of the color position light is typical for left hand and right hand side. Left side position light is red and right position light is green.

A. Position Light, Color (Left and Right) Removal

(Ref. Figure 405)

Power Off

(1). Verify that all power is removed from the helicopter (Ref. Section 96–00–00).

(2). Remove screw (5) from lens retainer (4).

(3). Remove lens retainer (5) and lens (6) from base assembly (1).

(4). Remove screws (3) and washers (2) from base assembly (1).

(5). Lift base assembly (1) far enough to gain access to wire harness.

(6). Disconnect splices **SP3** and **SP4** (left) or **SP1** and **SP2** (right).

(7). Remove lamp (7), gasket (16) and base assembly (1) from aircraft.

B. Position Light, Color (Left and Right) Installation

(Ref. Figure 405)

Power Off

(1). Verify that all power is removed from the helicopter (Ref. Section 96–00–00).

(2). Install gasket (16) on lamp (7).

(3). Install lamp (7) on base assembly (1).

(4). Attach splices **SP3** and **SP4** (left) or **SP1** and **SP2** (right)to lamp (7).

(5). Place base assembly (1) on surface and install screws (3) and washers (2). Torque screws (3).

(6). Place lens (6) and lens retainer (5) on base assembly (1).

(7). Install screw (5) in lens retainer (5). Torque screw (5).

(8). Restore power to the helicopter (Ref. Section 96–00–00).

7. Position/Strobe Light (Optional)

NOTE: Removal and installation of the position/strobe lights are typical for left hand and right hand side. Left side position/strobe light is red and right position/strobe light is green.

A. Position/Strobe Light Removal

(Ref. Figure 405)

Power Off

(1). Verify that all power is removed from the helicopter (Ref. Section 96–00–00).

(2). Remove screw (13) from retainer (12).

(3). Remove retainer (12) and lens (11, 14).

(4). Remove screws (3) and washers (2) from base assembly (17).

(5). lift base assembly (17) far enough to gain access to wire harness.

(6). Disconnect splices **SP3** and **SP4** (left) and **SP1**, **SP2** and **SP3** (left) or **SP1** and **SP2** (right) and **SP4**, **SP5** and **SP6** (right).

(7). Remove lamp (15) and gasket (16).

(8). Remove flash tube assembly (10) and spacer (9).

(9). Remove base assembly (17) from aircraft.

B. Position/Strobe Light Installation

(Ref. Figure 405)

Power Off

(1). Verify that all power is removed from the helicopter (Ref. Section 96–00–00).

(2). Install spacer (9) and flash tube assembly (10) on base assembly (17).

(3). Install gasket (16) on lamp (15).

(4). Install lamp (15) on base assembly (17).

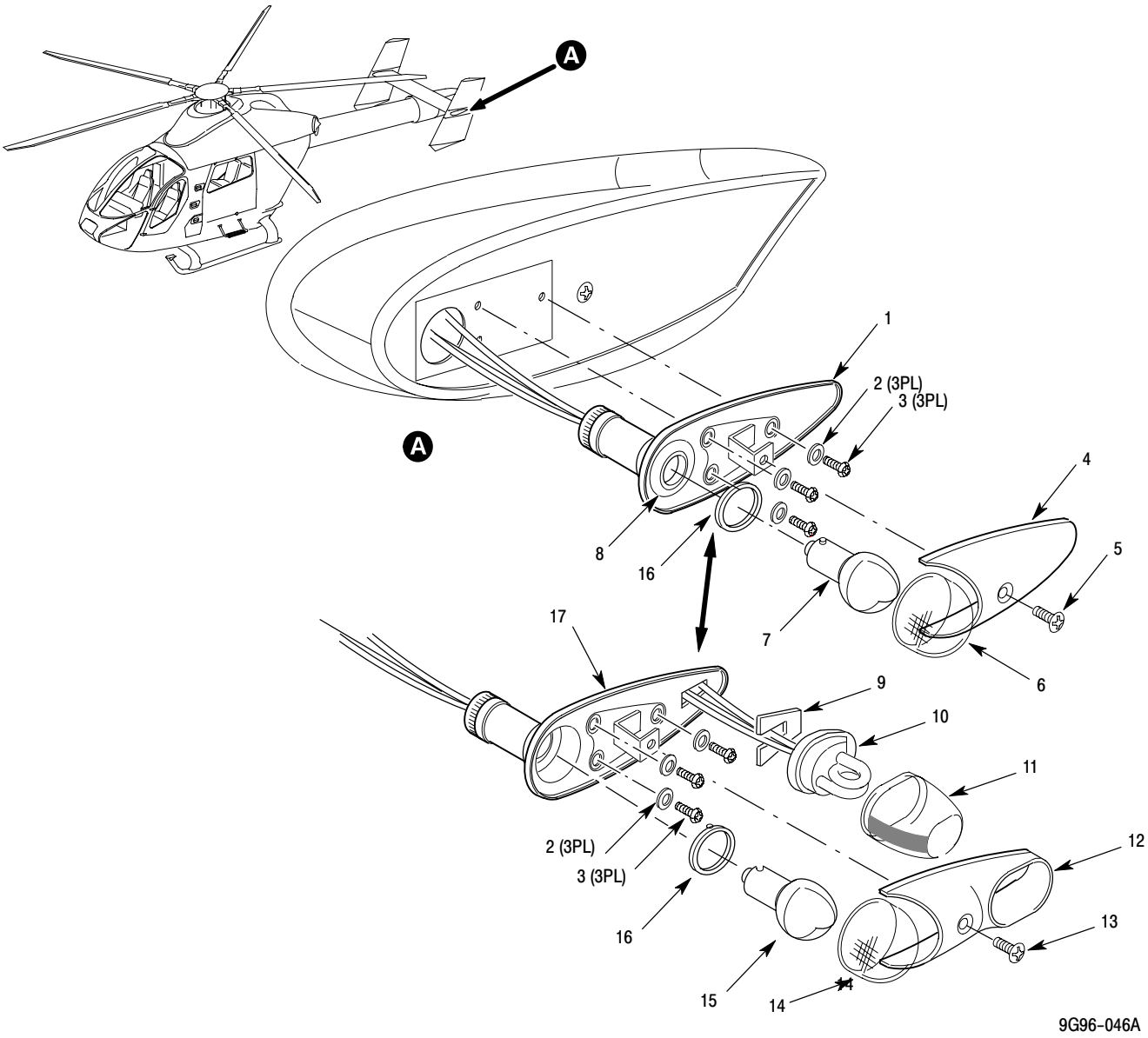
(5). Connect splices **SP3** and **SP4** (left) and **SP1**, **SP2** and **SP3** (left) or **SP1** and **SP2** (right) and **SP4**, **SP5** and **SP6** (right).

(6). Install screws (3) and washers (2) on base assembly (17). Torque screws (3).

(7). Install lens (15, 11) and retainer (12) on base assembly (17).

(8). Install screw (13) in retainer (12). Torque screw (13).

(9). Restore power to the helicopter (Ref. Section 96–00–00).



1. BASE ASSEMBLY
2. WASHER
3. SCREW
4. LENS RETAINER
5. SCREW
6. LENS
7. LAMP
8. GASKET
9. SPACER
10. FLASH TUBE ASSEMBLY
11. LENS
12. RETAINER
13. SCREW
14. LENS
15. LAMP
16. GASKET
17. BASE ASSEMBLY

Figure 405. Position Lights and Position/Strobe Lights (Optional)

8. Red Strobe Light Power Supply

A. Red Strobe Light Power Supply (auxiliary tank not installed) Removal

(Ref. Figure 406)

Power Off

(1). Verify that all power is removed from the helicopter (Ref. Section 96–00–00).

(2). Open Baggage Compartment Door L262 (Ref. Section 06–00–00).

(3). Remove access panel AR250 (Ref. Section 53–20–00).

(4). Access strobe light power supply (1) on lower right hand side of the compartment.

(5). Detach connectors **P357** from **J1**, **P358** from **J3** and **P359** from **J2** on power supply (1).

(6). Remove the screw (2), washers (3) and nut (4) holding the jumper assembly (5) to the airframe.

(7). Remove screws (6) and washers (7) holding power supply (1) to brackets (14). Remove power supply (1) from aircraft.

B. Red Strobe Light Power Supply (auxiliary tank not installed) Installation

(Ref. Figure 406)

Power Off

(1). Verify that all power is removed from the helicopter (Ref. Section 96–00–00).

(2). Prepare surface for electrical bond (Ref. CSP–SPM).

(3). Place the power supply (1) in position on brackets (14) and install screws (6) and washers (7). Torque screws (6).

(4). Attach the jumper assembly (5) to airframe and install screw (2), washers (3) and nut (4). Torque screw (2).

(5). Attach connectors **P357** to **J1**, **P358** to **J3** and **P359** to **J2** on strobe light power supply (1).

(6). Install access panel AR250 (Ref. Section 53–20–00).

(7). Close Baggage Compartment Door L262 (Ref. Section 06–00–00).

(8). Restore power to the helicopter (Ref. Section 96–00–00).

C. Red Strobe Light Power Supply (auxiliary tank installed) Removal

(Ref. Figure 406)

Power Off

(1). Verify that all power is removed from the helicopter (Ref. Section 96–00–00).

(2). Remove access panel AR165 (Ref. Section 53–20–00).

(3). Access strobe light power supply (1) on the right side of keel beam.

(4). Detach connectors **P357** from **J1**, **P358** from **J3** and **P359** from **J2** on power supply (1).

(5). Remove the screw (2), washers (3) and nut (4) holding the jumper assembly (5) to the airframe.

(6). Remove nuts (15) and washers (16) from studs (17).

(7). Remove strobe light power supply (1) from aircraft.

D. Red Strobe Light Power Supply (auxiliary tank installed) Installation

(Ref. Figure 406)

Power Off

(1). Verify that all power is removed from the helicopter (Ref. Section 96–00–00).

(2). Prepare surface for electrical bond (Ref. CSP–SPM).

(3). Place strobe light power supply (1) in position and install washers (16) and nuts (15) on studs (17). torque nuts (15).

(4). Attach the jumper assembly (5) to airframe and install screw (2), washers (3) and nut (4). Torque screw (2).

(5). Attach connectors **P357** to **J1**, **P358** to **J3** and **P359** to **J2** on strobe light power supply (1).

(6). Install access panel AR165 (Ref. Section 53–20–00).

(7). Restore power to the helicopter (Ref. Section 96–00–00).

9. White Strobe Light Power Supply

A. White Strobe Light Power Supply (EARLY CONFIG) Removal

(Ref. Figure 406)

Power Off

(1). Verify that all power is removed from the helicopter (Ref. Section 96–00–00).

(2). Open Baggage Compartment Door L262 (Ref. Section 06–00–00).

(3). Remove access panel AL250 (Ref. Section 53–20–00).

(4). Access strobe light power supply (1) on the lower left side of compartment.

(5). Detach connectors **P357A** from **J1**, **P358A** from **J3** and **P359A** from **J2** on power supply (1).

(6). Remove bolts (21) and washers (20) holding strobe light power supply (1) to bracket (18).

(7). Remove strobe light power supply (1) and bracket assembly (22) from aircraft.

(8). Remove bolts (21) and washers (20) holding strobe light power supply (1) to bracket assembly (22).

B. White Strobe Light Power Supply (EARLY CONFIG) Installation

(Ref. Figure 406)

Power Off

(1). Verify that all power is removed from the helicopter (Ref. Section 96–00–00).

(2). Prepare surface for electrical bond (Ref. CSP–SPM).

(3). Place strobe light power supply (1) in position on bracket assembly (22) and install washers (20) and bolts (21).

(4). Place strobe light power supply (1) and bracket assembly (22) in position on bracket (18) and install washers (20) and bolts (21). Torque bolts (21).

(5). Attach connectors **P357A** to **J1**, **P358A** to **J3** and **P359A** to **J2** on strobe light power supply (1).

(6). Install access panel AL250 (Ref. Section 53–20–00).

(7). Restore power to the helicopter (Ref. Section 96–00–00).

C. White Strobe Light Power Supply (CURRENT CONFIG) Removal

(Ref. Figure 406)

Power Off

(1). Verify that all power is removed from the helicopter (Ref. Section 96–00–00).

(2). Remove access panel AR165 (Ref. Section 53–20–00).

(3). Access strobe light power supply (1) on the right side of keel beam.

(4). Detach connectors **P357A** from **J1**, **P358A** from **J3** and **P359A** from **J2** on power supply (1).

(5). Remove the screw (2), washers (3), lock washer (23) and nut (4) holding the jumper assembly (5) to the airframe.

(6). Remove nuts (15) and washers (16) from studs (17).

(7). Remove strobe light power supply (1) from aircraft.

D. White Strobe Light Power Supply (CURRENT CONFIG) Installation

(Ref. Figure 406)

Power Off

(1). Verify that all power is removed from the helicopter (Ref. Section 96–00–00).

(2). Prepare surface for electrical bond (Ref. CSP–SPM).

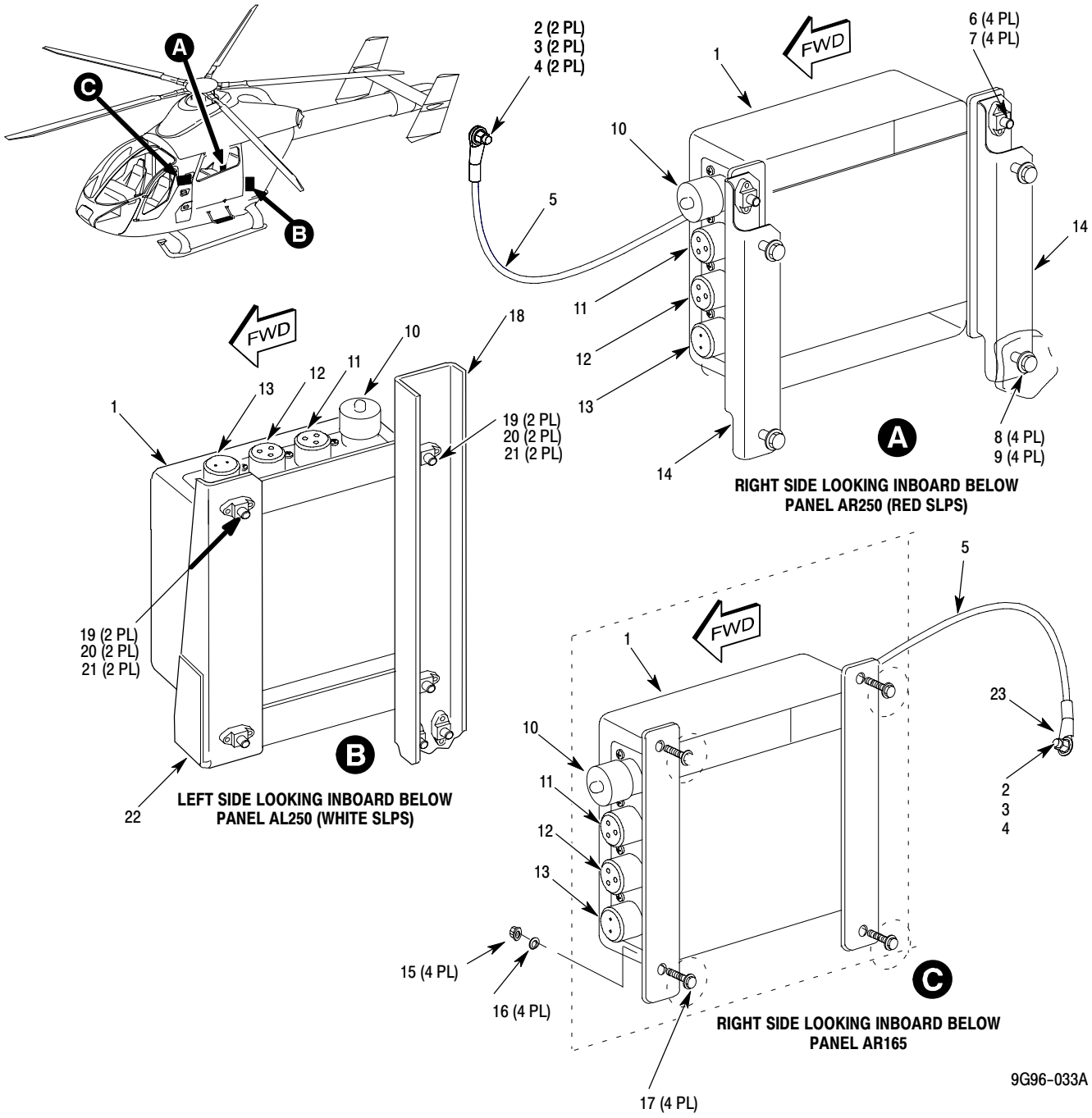
(3). Place strobe light power supply (1) in position and install washers (16) and nuts (15) on studs (17). torque nuts (15).

(4). Attach the jumper assembly (5) to airframe and install screw (2), washer (3), lock washer (23) and nut (4). Torque screw (2).

(5). Attach connectors **P357A** to **J1**, **P358A** to **J3** and **P359A** to **J2** on strobe light power supply (1).

(6). Install access panel AR165 (Ref. Section 53–20–00).

(7). Restore power to the helicopter (Ref. Section 96–00–00).



1. STROBE LIGHT POWER SUPPLY
2. SCREW
3. WASHER
4. NUT
5. JUMPER ASSEMBLY
6. SCREW
7. WASHER
8. SCREW
9. WASHER
10. CONNECTOR
11. CONNECTOR
12. CONNECTOR
13. CONNECTOR
14. BRACKET
15. NUT
16. WASHER
17. STUD
18. BRACKET
19. NUTPLATE
20. WASHER
21. BOLT
22. BRACKET ASSEMBLY
23. LOCK WASHER

Figure 406. Strobe Light Power Supply

10. Four Channel DC Dimmer

A. Four Channel DC Dimmer Removal

(Ref. Figure 407)

Power Off

(1). Verify that all power is removed from the helicopter (Ref. Section 96–00–00).

(2). Remove cover plates (Ref. Section 96–00–00)

(3). Remove utility panel (Ref. Section 96–00–00).

(4). Detach connectors **P121** from **J1** and **P126** from **J2** on the dimmer (3).

(5). Remove screws (4) and washers (5) holding dimmer (3) to support assemblies (6). Remove dimmer (3).

B. Four Channel DC Dimmer Installation

(Ref. Figure 407)

Power Off

(1). Verify that all power is removed from the helicopter (Ref. Section 96–00–00).

(2). Prepare surface for electrical bond (Ref. CSP–SPM).

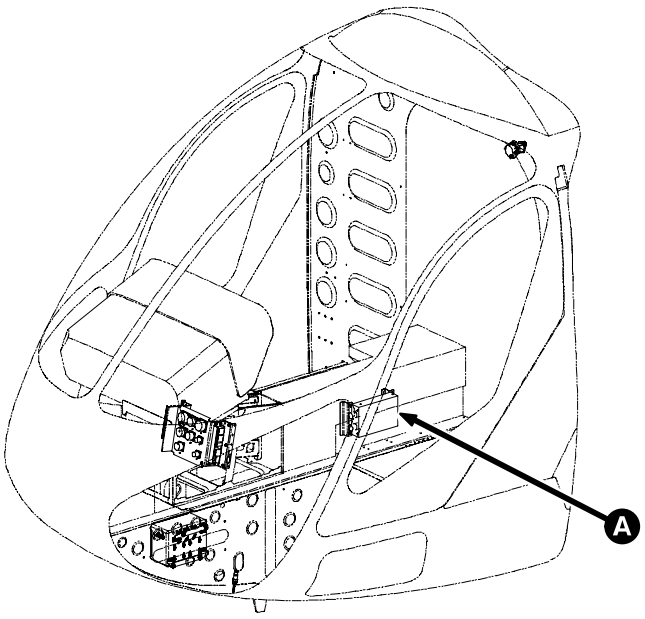
(3). Place four channel dc dimmer (3) in position on support assemblies (6) and install screws (4) and washers (5). Torque screws (4).

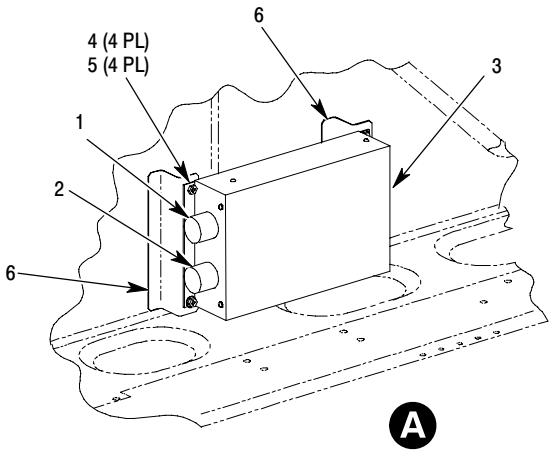
(4). Attach connectors **P121** to **J1** and **P126** to **J2** on dimmer (3).

(5). Install utility panel (Ref. Section 96–00–00).

(6). Install cover plates (Ref. Section 96–00–00).

(7). Restore power to helicopter (Ref. Section 96–00–00).

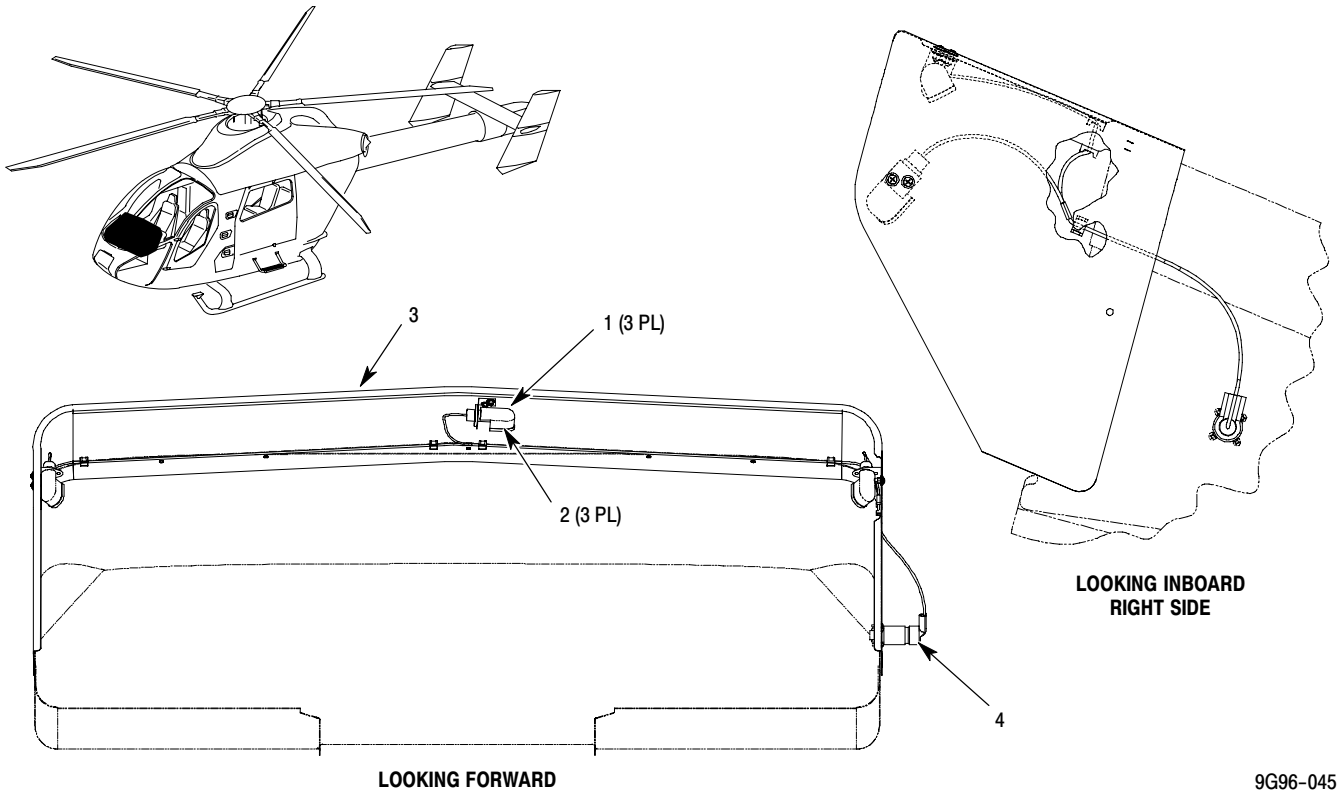




9G96–032

1. CONNECTOR
2. CONNECTOR
3. FOUR CHANNEL DC DIMMER
4. SCREW
5. WASHER
6. SUPPORT ASSEMBLY

Figure 407. Four Channel DC Dimmer



1. FLOOD LIGHT
2. COVER
3. GLARESHIELD
4. CONNECTOR P125

Figure 408. Flood Lights

11. Flood Light Bulb

A. Flood Light Bulb Removal

(Ref. Figure 408)

(1). Detach connector **P125** (4).

(2). Remove cover (2) on flood light (1).

(3). Remove bulb from socket.

B. Flood Light Bulb Installation

(Ref. Figure 408)

(1). Install bulb in socket.

(2). Install cover (2) on flood light (1).

(3). Attach connector **P125** (4).

12. Landing/Search Light (Optional)

A. Landing/Search Light Removal

(Ref. Figure 409)

(1). Extend search light (1) using search light control switch on collective control module.

Power Off

(2). Verify that all power is removed from the helicopter (Ref. Section 96–00–00).

(3). Remove screws (7), washers (5) and spacers (6).

(4). Detach wires from search light (1). Remove search light (1).

B. Landing/Search Light Installation

(Ref. Figure 409)

Power Off

(1). Verify that all power is removed from the helicopter (Ref. Section 96–00–00).

(2). Attach wires to search light (1).

(3). Place search light (1) in position and install screws (7), washers (5) and spacers (6). Torque screws (7).

(4). Restore power to helicopter (Ref. Section 96–00–00).

(5). Retract search light (1) using search light control switch on collective control module.

C. Controllable and Single Mode Lamp Removal

(Ref. Figure 409)

(1). Extend search light (1) using search light control switch on collective control module.

Power Off

(2). Verify that all power is removed from the helicopter (Ref. Section 96–00–00).

(3). **CONTROLLABLE -** Remove screws (3) and retainer (2).

(4). **SINGLE MODE -** Remove screws (3), retainer (2) and O–rings (12).

(5). Remove screws (13) from wires (11) and lamp (4). Remove lamp (4).

D. Controllable IR and Tri–Lamp Dual Mode Lamp Removal

(Ref. Figure 409)

(1). Extend search light (1) using search light control switch on collective control module.

Power Off

(2). Verify that all power is removed from the helicopter (Ref. Section 96–00–00).

(3). Remove screws (23) from retainer (22).

(4). Move retainer (22) and gasket (19) to gain access to lens retainers (20) and clips (28).

(5). Remove lens retainers (20) from retainer (22) and gasket (19).

(6). Remove nut (24) from screw (25).

(7). Remove screw (25), lock washer (26) and wire (27) from clip (28).

(8). Remove screw (18) from lock washer (17), wire (16), IR lens assembly (30) and screw retainer (15).

(9). Remove screws (29) from IR lens assembly (30). Remove IR lens assembly (30).

(10). Remove retainer (22) and gasket (19) from search light (1).

(11). Remove lamps (14) from search light (1).

E. Controllable Dual Mode Lamp Removal

(Ref. Figure 409)

(1). Extend search light (1) using search light control switch on collective control module.

Power Off

(2). Verify that all power is removed from the helicopter (Ref. Section 96–00–00).

(3). Remove screws (31) from IR lens assembly (32). Remove IR lens assembly (32).

(4). Remove screw (41) from wire (42) and lamp (33). Remove lamp (33).

(5). Remove screws (37) from retainer (36).

(6). Remove retainer (36) and gasket (35) from search light (1).

(7). Place lamp (34) in position to gain access to wire (38).

(8). Remove screw (40) and washer (39) from search light (1).

(9). Remove lamp (34) from search light (1).

F. Controllable and Single Mode Lamp Installation

(Ref. Figure 409)

Power Off

(1). Verify that all power is removed from the helicopter (Ref. Section 96–00–00).

(2). Place lamp (4) in position and install screws (13) and wires (11). Tighten screws (13).

(3). **CONTROLLABLE –** Place retainer (2) in position and install screws (3). Tighten screws (3).

(4). **SINGLE MODE –** Place retainer (2) in position and install O–rings (12) and screws (3). Tighten screws (3).

(5). Restore power to helicopter (Ref. Section 96–00–00).

(6). Retract search light (1) using search light control switch on collective control module.

G. Controllable IR and Tri–Lamp Dual Mode Lamps Installation

(Ref. Figure 409)

Power Off

(1). Verify that all power is removed from the helicopter (Ref. Section 96–00–00).

(2). Install lamps (14) in search light (1).

(3). Place IR lens assembly (30) in position and install screws (29). Tighten screws (29).

(4). Install screw (18), lock washer (17), wire (16) and screw retainer (15) on IR lens assembly (30). Tighten screw (18).

(5). Place retainer (22), lens retainer (20) and gasket (19) in position and install screw (25), lock washer (26), wire (27) and nut (24) on clip (28). Tighten screw (25).

(6). Place retainer (22) in position and install screws (23). Tighten screws (23).

(7). Restore power to helicopter (Ref. Section 96–00–00).

(8). Retract search light (1) using search light control switch on collective control module.

H. Controllable Dual Mode Lamp Installation

(Ref. Figure 409)

Power Off

(1). Verify that all power is removed from the helicopter (Ref. Section 96–00–00).

(2). Place lamp (34) in position and install screw (40), washer (39) and wire (38) on search light (1). Tighten screw (40).

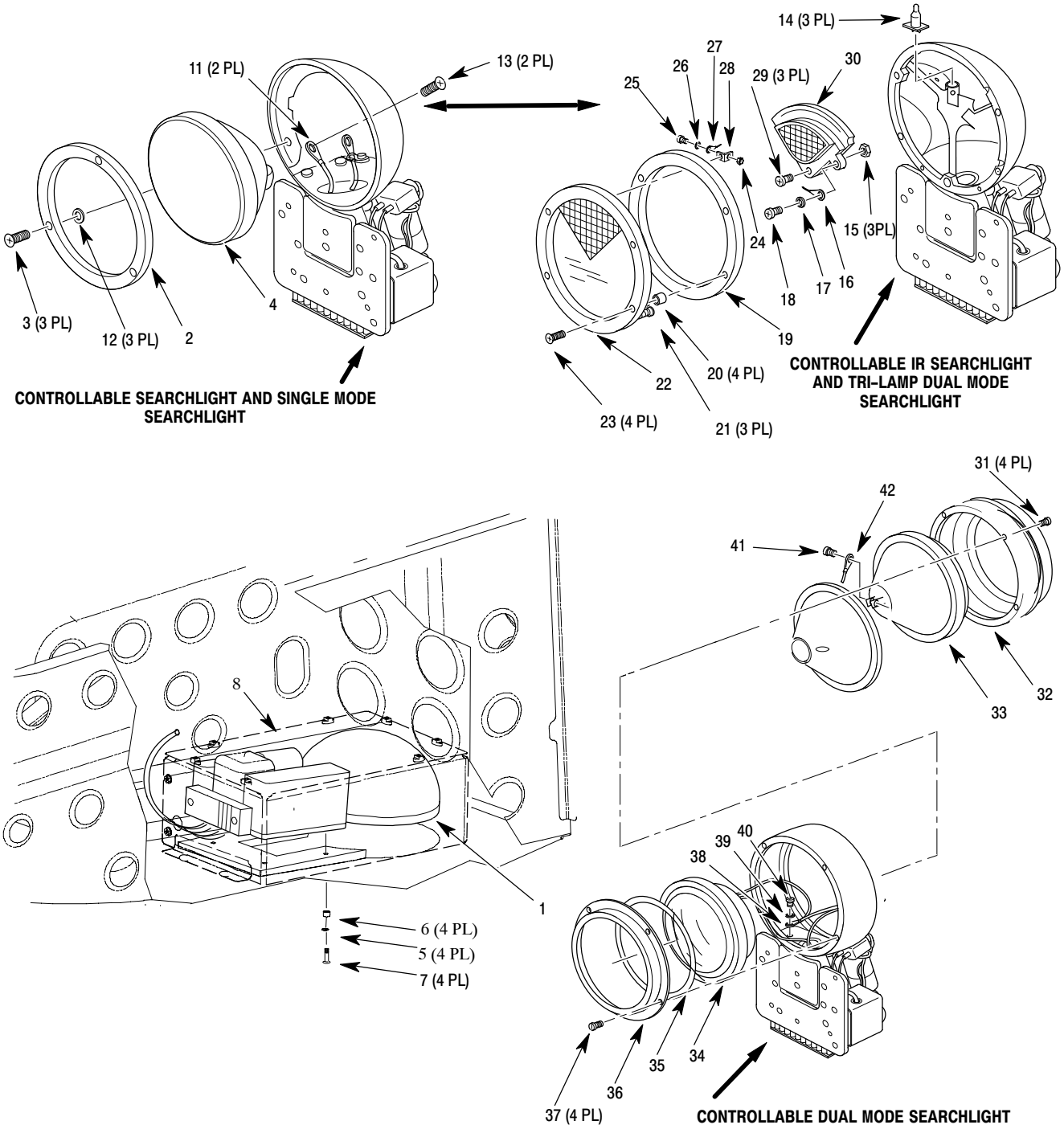
(3). Place gasket (35) and retainer (36) in position and install screws (37). Tighten screws (37).

(4). Place lamp (33) in position and install screw (41) and wire (42). Tighten screw (41).

(5). Place IR lens assembly (32) in position and install screws (31).

(6). Restore power to helicopter (Ref. Section 96–00–00).

(7). Retract search light (1) using search light control switch on collective control module.


11 (2 PL)
13 (2 PL)
3 (3 PL)
12 (3 PL)
2
4
CONTROLLABLE SEARCHLIGHT AND SINGLE MODE SEARCHLIGHT
14 (3 PL)
27
26
28
25
29 (3 PL)
30
24
15 (3PL)
18
17
16
19
22
20 (4 PL)
23 (4 PL)
21 (3 PL)
CONTROLLABLE IR SEARCHLIGHT AND TRI–LAMP DUAL MODE SEARCHLIGHT
31 (4 PL)
42
41
32
33
8
1
6 (4 PL)
5 (4 PL)
7 (4 PL)
39
40
38
35
34
36
37 (4 PL)
CONTROLLABLE DUAL MODE SEARCHLIGHT

9G96–064A

1. LANDING/SEARCH LIGHT
2. RETAINER
3. SCREW
4. LAMP
5. WASHER
6. SPACER
7. SCREW
8. ENCLOSURE ASSEMBLY
9. SCREW
10. WASHER
11. WIRE
12. O–RING
13. SCREW
14. LAMP
15. SCREW RETAINER
16. WIRE
17. LOCK WASHER
18. SCREW
19. GASKET
20. LENS RETAINER
21. RIVET
22. RETAINER
23. SCREW
24. NUT
25. SCREW
26. LOCK WASHER
27. WIRE
28. CLIP
29. SCREW
30. IR LENS ASSEMBLY
31. SCREW
32. IR LENS ASSEMBLY
33. LAMP
34. LAMP
35. GASKET
36. RETAINER
37. SCREW
38. WIRE
39. WASHER
40. SCREW
41. SCREW
42. WIRE

Figure 409. Controllable Landing/Search Light

13. Cockpit Area Light

A. Cockpit Area Light Removal

(1). Ref. Section 25–10–00 for removal of cockpit area light.

B. Cockpit Area Light Installation

(1). Ref. Section 25–10–00 for installation of cockpit area light.

14. Cockpit Utility Light

A. Cockpit Utility Light Removal

(1). Ref. Section 25–10–00 for removal of cockpit utility light.

B. Cockpit Utility Light Installation

(1). Ref. Section 25–10–00 for installation of cockpit utility light.

15. Cabin Area Light

A. Cabin Area Light Removal

(1). Ref. Section 25–20–00 for removal of cabin area light.

B. Cabin Area Light Installation

(1). Ref. Section 25–20–00 for installation of cabin area light.

16. Baggage Area Light

A. Baggage Area Light Removal

(1). Ref. Section 25–50–00 for removal of baggage area light.

B. Baggage Area Light Installation

(1). Ref. Section 25–50–00 for installation of baggage area light.

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LIGHTING SYSTEM

INSPECTION/TEST

1. Interior Lighting System

A. Interior Lighting System Inspection (Area 1)

(1). Examine **LIGHTING CONTROL** panel for broken switches. None permitted.

(2). Make sure you can read **LIGHTING CONTROL** panel. No damage permitted.

(3). Examine flood lights for broken bulbs, unserviceable bulbs, or other damage. None permitted.

(4). Examine crew area lights for broken bulbs, unserviceable bulbs, or other damage. None permitted.

(5). Examine utility light for broken bulbs, unserviceable bulbs, or other damage. None permitted.

(6). Examine light dimmer power supply for damage unit, electrical connectors, or wires. None permitted.

B. Interior Lighting System Inspection (Area 2)

(1). Examine cabin area lights for broken bulbs, unserviceable bulbs, or other damage. None permitted.

C. Interior Lighting System Inspection (Area 6)

(1). Examine baggage area light for broken bulbs, unserviceable bulbs, or other damage. None permitted.

D. Interior Lighting System Operational Test

(1). Set **POWER** switch on **ELECTRICAL MASTER** panel to **BAT/EXT**.

(2). Do a check of console, instrument, flood, and IIDS lights.

(a). Set **LT MSTR** switch on **LIGHTING CONTROL** panel to **ON**.

(b). Turn **CONSOLE** switch on **LIGHTING CONTROL** panel to full clockwise position. Make sure intensity of console lights increase as switch is turned clockwise.

(c). Turn **CONSOLE** switch on **LIGHTING CONTROL** panel fully counterclockwise to **OFF**. Make sure intensity of console lights decrease and are not on when switch is set to **OFF**.

(d). Turn **FLOOD** switch on **LIGHTING CONTROL** panel to full clockwise position. Make sure intensity of flood lights increase as switch is turned clockwise.

(e). Turn **FLOOD** switch on **LIGHTING CONTROL** panel fully counterclockwise to **OFF**. Make sure intensity of flood lights decrease and are not on when switch is set to **OFF**.

(f). Turn **IIDS** switch on **LIGHTING CONTROL** panel to full clockwise position. Make sure intensity of IIDS display increases as switch is turned clockwise.

(g). Turn **IIDS** switch on **LIGHTING CONTROL** panel fully counterclockwise to **OFF**. Make sure intensity of IIDS display decreases and is not on when switch is set to **OFF**.

(h). Turn **INSTR** switch on **LIGHTING CONTROL** panel to full clockwise position. Make sure intensity of instrument lights increase as switch is turned clockwise.

(i). Turn **INSTR** switch on **LIGHTING CONTROL** panel fully counterclockwise to **OFF**. Make sure intensity of instrument lights decrease and is not on when switch is set to **OFF**.

(j). Set **LT MSTR** switch on **LIGHTING CONTROL** panel to **OFF**.

(3). Do a check of cabin and cockpit lights.

(a). Set **AREA** switch on **LIGHTING CONTROL** panel to **CAB**. Make sure cabin area lights are on. Make sure cockpit area light is not on.

(b). Set **AREA** switch on **LIGHTING CONTROL** panel to **CKP**. Make sure cockpit area light is on. Make sure cabin area lights are not on.

(c). Set **AREA** switch on **LIGHTING CONTROL** panel to **BOTH**. Make sure cockpit and cabin area lights are on.

(d). Set **AREA** switch on **LIGHTING CONTROL** panel to **OFF**. Make sure cockpit and cabin area lights are not on.

(4). Set **POWER** switch on **ELECTRICAL MASTER** panel to **OFF**.

2. Exterior Lighting System

A. Exterior Lighting System Inspection (Area 1)

(1). Examine hover and landing light for condition and that it is correctly attached. No discrepancies permitted.

(2). If installed, check that search light or IR search light is correctly attached.

(3). If installed, Examine search light or IR search light for broken cover, damage to mechanical assembly, or unserviceable bulb. None permitted.

(4). **902 CONFIG -** Examine **SRCH** switch on collective stick switch panel for damage. None permitted.

B. Exterior Lighting System Inspection (Area 2)

(1). If installed in this area, examine strobe light power supply for damage. None permitted.

C. Exterior Lighting System Inspection (Area 6)

(1). If installed in this area, examine strobe light power supply for damage. None permitted.

D. Exterior Lighting System Inspection (Area 7)

(1). Examine strobe lights for condition and that they are correctly attached. No discrepancies permitted.

(2). Examine white position lights for condition and that they are correctly attached. No discrepancies permitted.

(3). Examine color position lights for condition and that they are correctly attached. Make sure light on left side is red and light on right side is green. No discrepancies permitted.

E. Exterior Lighting System Operational Test

(1). Set **POWER** switch on **ELECTRICAL MASTER** panel to **BAT/EXT**.

(2). **EARLY CONFIG -** Set **STROBE** switch on **LIGHTING CONTROL** panel to **ON**. Make sure red strobe lights on top of horizontal stabilizer and below tailboom flash.

(3). **EARLY CONFIG -** Set **STROBE** switch to **OFF**.

(4). **CURRENT CONFIG -** Set **STROBES** switch on **LIGHTING CONTROL** panel to **RED**. Make sure red strobe lights on top of horizontal stabilizer and below tailboom flash.

(5). **CURRENT CONFIG -** Set **STROBES** switch to **BOTH**. Make sure red strobe lights on top of horizontal stabilizer and below tailboom flash. And white strobe lights on ends of horizontal stabilizer flash.

(6). **CURRENT CONFIG -** Set **STROBES** switch to **OFF**.

(7). **EARLY CONFIG -** Set **WHT STROBE VFR DAY ONLY** switch on **AUDIO** panel to **ON**. Make sure white strobe lights on ends of horizontal stabilizer flash.

(8). **EARLY CONFIG -** Set **WHT STROBE VFR DAY ONLY** switch to **OFF**.

(9). Set **POSN** switch on **LIGHTING CONTROL** panel to **ON**. make sure red and green position lights on ends of horizontal stabilizer are on. And white position lights on top of horizontal stabilizer and bottom aft of tailboom are on.

(10). Set **POSN** switch to **OFF**.

(11). Set **LIGHTS** switch on pilot collective stick switch panel to **HVR**. Make sure hover light is on.

(12). Set **LIGHTS** switch to **LDG**. Make sure landing light is on.

(13). Set **LIGHTS** switch to **OFF**.

CAUTION The search light can become hot and start a fire if it touches flammable materials. Do not operate search light where there is tall grass.

(14). Set **LIGHTS-SRCH** switch on pilot collective stick switch panel to **LT**. Make sure search light is on.

(15). Set search light control switch on collective stick switch panel to **EXT**. Make sure light extends forward.

(16). Set search light control switch to **L** and then **R**. Make sure light turns left and then right.

(17). Set **LIGHTS-SRCH** switch to **OFF**.

(18). Set search light control switch to **RET**. Make sure light retracts aft and stops in stowed position.

NOTE: Do the check of IR search light when conditions permit operation of night vision goggles.

(19). If installed, do a check of IR lamp or IR search light as follows:

(a). Set **LIGHTS-SRCH** switch on pilot collective stick switch panel to **IR**. Make sure IR search light is on.

(b). Set search light control switch on collective stick switch panel to **EXT**. Make sure light extends forward.

(c). Set search light control switch to **L** and then **R**. Make sure light turns left and then right.

(d). Set **LIGHTS-SRCH** switch to **OFF**.

(e). Set search light control switch to **RET**. Make sure light retracts aft and stops in stowed position.

(20). Set **POWER** switch on **ELECTRICAL MASTER** panel to **OFF**.

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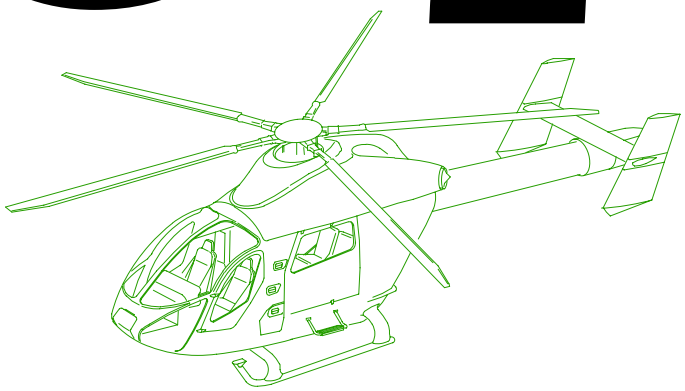
Chapter 97



AVIONICS (COMMUNICATIONS)

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Section

97–00–00

Avionics

AVIONICS

DESCRIPTION AND OPERATION

1. Effectivity

The MD900 and MD900 Category A, are named the MD900 and MD902. When data in this manual is applicable to both, there will be no name shown. When data is applicable to the MD900 only, that data will be identified as **900 CONFIG**. When data is applicable to the MD900 Category A only, that data will be identified as **902 CONFIG**.

2. Avionics System

The avionics system gives communication between the pilot, copilot, passengers, and ground. The avionics system has the intercommunication system (ICS) and communication system.

3. Intercommunication System (ICS)

(Ref. Figure 1)

The ICS gives communication between the pilot, copilot, and cabin compartment. The ICS has the components that follow.

- Crew audio panel
- Cabin audio connections
- Audio select panel
- ICS switches
- Audio panel circuit breaker
- Avionics terminal board (A675)

A. Crew Audio Panel

(Ref. Figure 1)

The crew audio panel is on the left side of the cockpit center pillar, immediately forward of the cockpit bulkhead. It supplies audio connections for the pilot, copilot, and an observer.

B. Cabin Audio Connections

(Ref. Figure 1)

There are six cabin audio connections in the fuselage structure below the upper deck. They supply audio connections for the cabin compartment.

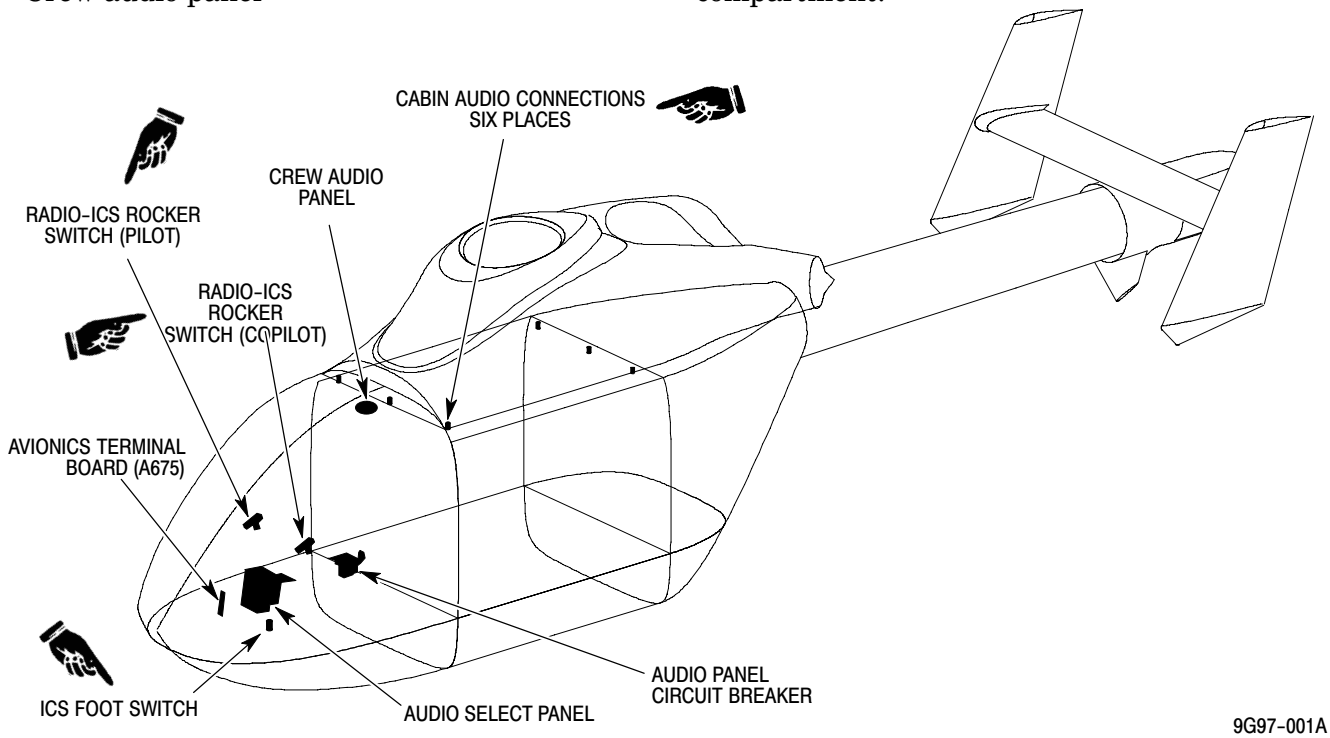

Figure 1. Intercommunications System

C. Audio Select Panel

(Ref. Figure 2)

The audio select panel is installed in the forward part of the cockpit center console. The audio select panel gives:

- Selection and control of voice communications in the helicopter.
- Selection and control of communications transceivers (COMM).
- Selection and control of optional transceivers.

The standard audio select panel is the Northern Airbourne Technology AMS–43.

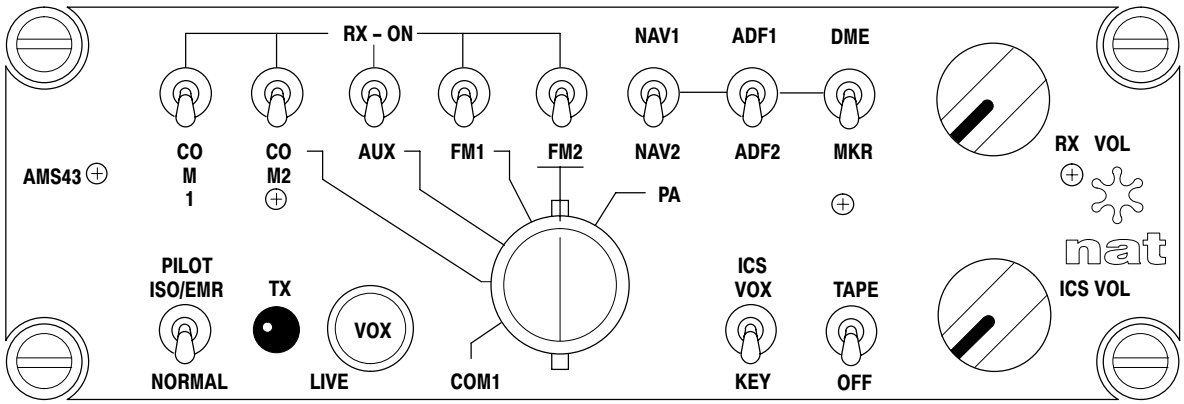

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Figure 2. AMS43 Audio Select Panel

D. ICS Switches

(Ref. Figure 3)

A Radio–ICS rocker switch is on the pilot's and copilot's cyclic stick grip. When the switch is set to ICS position, the ICS is set to speak. The middle (released) position sets ICS to audio.

An ICS foot switch is supplied in the copilot's station.

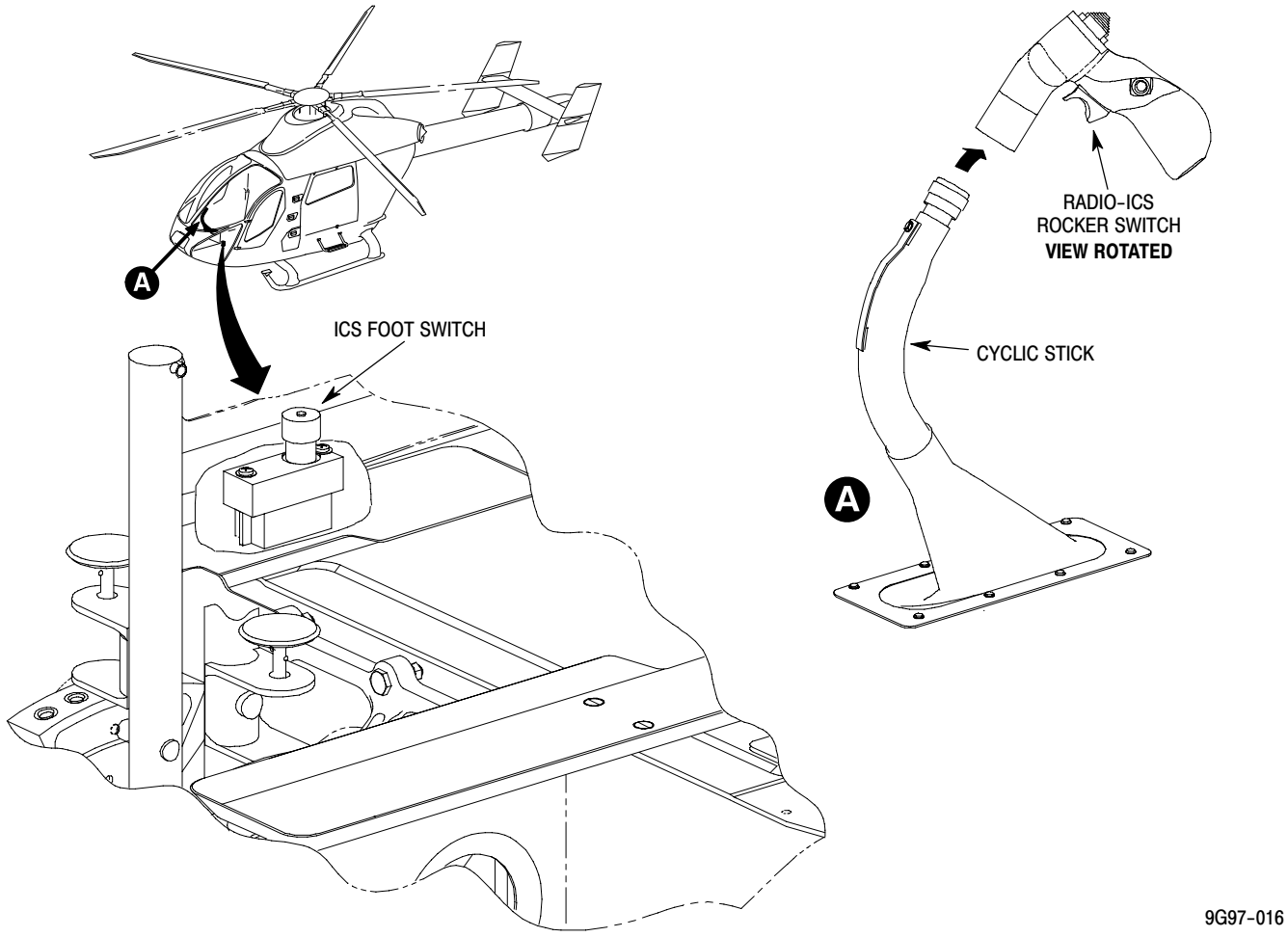

Figure 3. ICS Foot Switch and Radio–ICS Rocker Switches

E. Audio Select Panel Circuit Breaker

(Ref. Figure 4)

900 CONFIG – The audio select panel gets 28 Vdc electrical power from 5A circuit breaker **AUDIO PNL 1** of the **ESSENTIAL BUS** on the essential bus circuit breaker panel.

902 CONFIG – The audio select panel gets 28 Vdc electrical power from 5A circuit breaker **AUDIO** of the **R ESS BUS** on the essential bus circuit breaker panel.

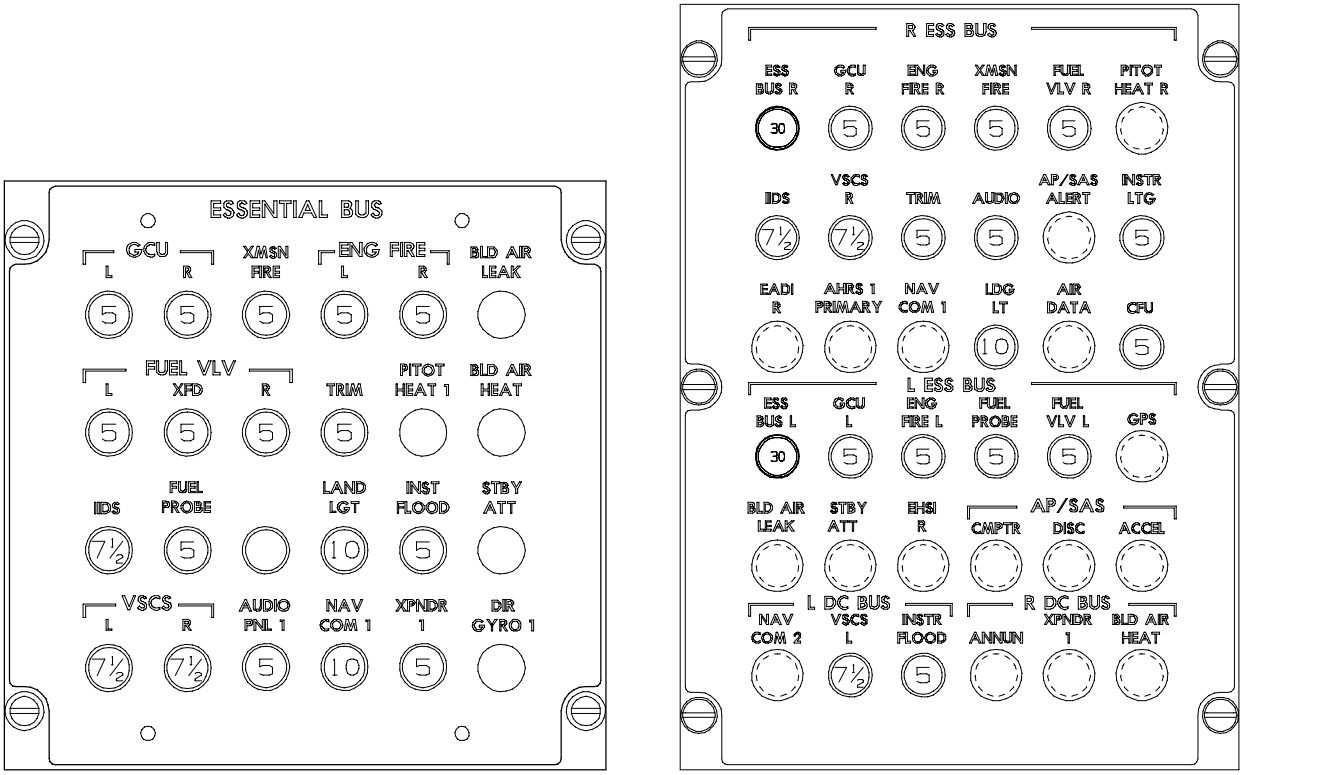

Figure 4. Essential Bus Circuit Breaker Panel

F. Avionics Terminal Board (A675)

(Ref. Figure 1)

The avionics terminal board (A675) is on the external side of the forward battery compartment, near the forward interconnect panel. It supplies terminal blocks for the avionics system (Ref. Section 98–40–00 for electrical power wiring interconnect diagrams and 98–60–00 for avionics wiring interconnect diagrams).

4. Communication System

(Ref. Figure 5)

The communication system gives communication between the helicopter and the ground. The communication system has the components that follow:

- Navigation and communication antenna
- Navigation and communication transceiver
- Radio transmit switches
- Navigation and communication circuit breakers
- Power converter
- Radio select/tune switches

A. Navigation and Communication Antenna

(Ref. Figure 5)

The navigation communication antenna is installed on the top of the horizontal stabilizer. The antenna gives transmission and reception of signals for the communication system and reception of signals for the navigation system. For more data on the navigation system (Ref. Section 95–20–00).

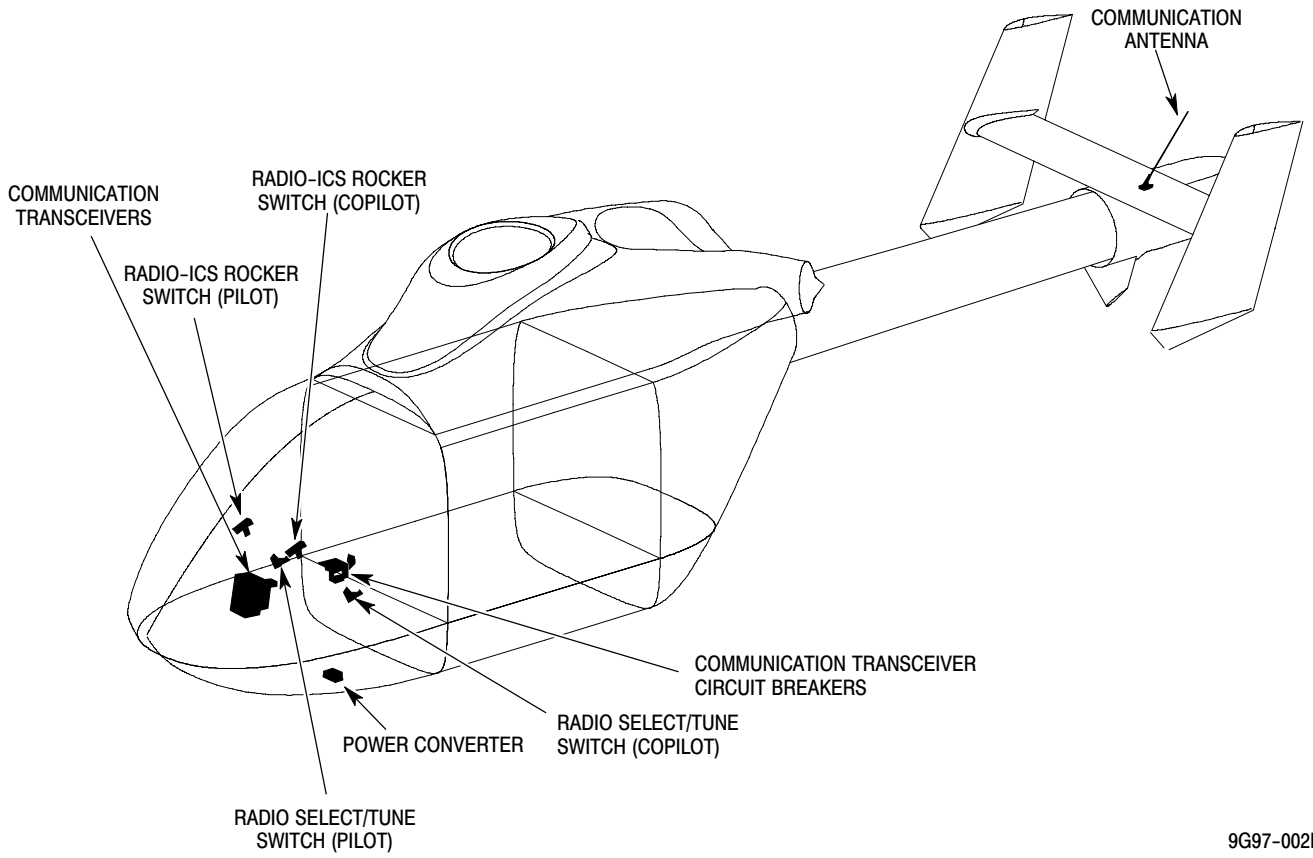

Figure 5. Communication System

B. Navigation and Communication Transceiver

(Ref. Figure 5 and Figure 6)

The navigation and communication transceiver is installed in the of the center console in the cockpit.

The standard transceiver is the Bendix/King KLX 135. The KLX 135 is a dual transceiver that has both navigation and communication functions.

The transceiver operates from 118.000 through 135.975 MHz with 25 kHz distance. Two concentric knobs and a transfer button on the left are used to control the communications functions of the transceiver.

The left concentric knob changes the standby communication frequency when shown. The transfer button changes between the active and standby frequencies. A small **R** is shown above the decimal point of the active frequency when the radio receives a signal. When the transmit switch is pushed a small **T** is shown above the decimal point.

The two concentric knobs and **CRSR** button control the GPS functions of the KLX 135. For more data on the navigation system (Ref. Section 95–20–00).

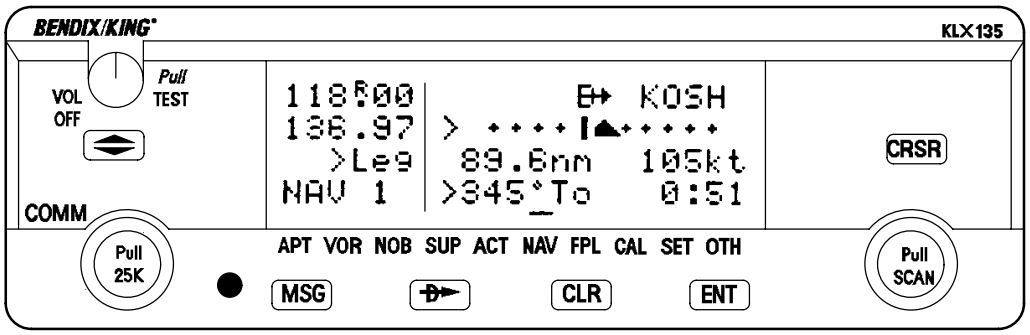

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Figure 6. Navigation and Communication Transceiver

C. Radio Transmit Switches

(Ref. Figure 3)

A Radio–ICS rocker switch is on the pilot's and copilot's cyclic stick grip. When the switch is set to the RADIO position, the radio is set to transmit. The middle (released) position sets the transceiver to audio.

D. Navigation and Communication Transceiver Circuit Breakers

(Ref. Figure 4)

The number one navigation and communication transceiver gets 14 Vdc from the power converter.

902 CONFIG - The number two communication transceiver gets 28 Vdc from the 10A circuit breaker **NAV COM 2** of the **L DC BUS** on the essential bus circuit breaker panel.

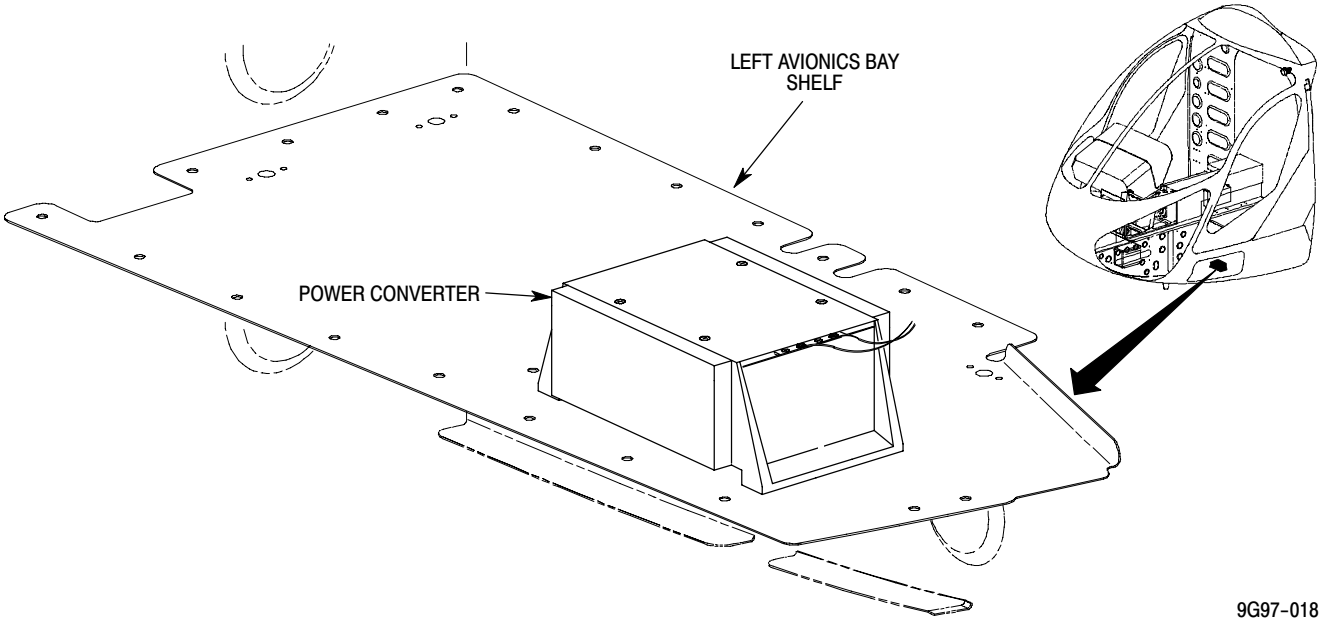
E. Power Converter

(Ref. Figure 7)

The power converter changes 28 Vdc to 14 Vdc. The power converter gives the 14 Vdc to the number one navigation and communication transceiver.

900 CONFIG - The power converter gets 28 Vdc from the 10A circuit breaker **NAV COM 1** of the **ESSENTIAL BUS** on the essential bus circuit breaker panel.

902 CONFIG - The power converter gets 28 Vdc from the 10A circuit breaker **NAV COM 1** of the **R ESS BUS** on the essential bus circuit breaker panel.



9G97-018

Figure 7. Power Converter

F. Radio Select/Tune Switches

(Ref. Figure 8)

A transceiver selection and tune switch is installed on the pilot's and copilot's collective stick grip. The switch controls transceiver selection **COM 1** or **COM 2** and changes between the active frequency and the standby frequency (**1** or **2**).

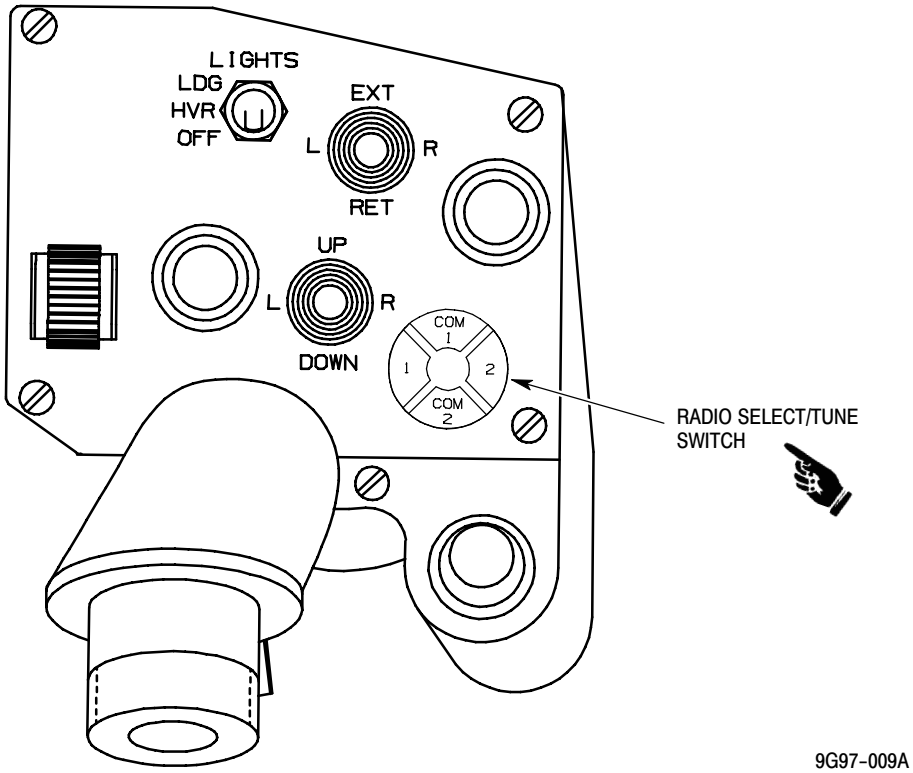


Figure 8. Radio Select/Tune Switch

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AVIONICS

FAULT ISOLATION

1. Intercommunication System (ICS) Troubleshooting

The fault isolation procedures that follow, are a brief summary of intercommunication system faults which can occur (Ref. Table 101). Electrical power is applied to system, circuit breakers are closed, and audio select panel switches are set to correct position.

Full wire diagrams are available (Ref. Section 98–40–00 for electrical power and 98–60–00 for avionics).

Table 101. Intercommunication System Troubleshooting

Fault	Probable Cause	Corrective Action	Ref. Section
No ICS transmit.	Volume control not adjusted.	Adjust volume.	
	Squelch control not adjusted.	Adjust squelch.	
	Defective wiring.	Test and repair wiring.	98–40–00, 98–60–00, and CSP–SPM
	Defective microphone.	Replace microphone.	
	Defective **AUDIO PNL 1** circuit breaker.	Replace **AUDIO PNL 1** circuit breaker.	96–00–00 and CSP–SPM
	Defective radio–ICS rocker switch.	Replace radio–ICS rocker switch or cyclic grip.	67–10–20
	Defective audio select panel.	Replace audio select panel.	97–00–00
No audio at one ICS jack.	Volume control not adjusted.	Adjust volume.	
	Defective wiring.	Test and repair wiring.	98–40–00, 98–60–00, and CSP–SPM
	Defective headset.	Repair or replace headset.	
	Defective headset jack.	Replace headset jack.	97–00–00
	Defective audio select panel.	Replace audio select panel.	97–00–00
One microphone operates correctly, other microphones do not transmit or are intermittent.	Microphone that operates has more power than others.	Replace microphone or headset with one that has same power as others.	
	Defective wiring.	Test and repair wiring.	98–40–00, 98–60–00, and CSP–SPM
	Defective audio select panel.	Replace audio select panel.	97–00–00

Table 101. Intercommunication System Troubleshooting (Cont.)

Fault	Probable Cause	Corrective Action	Ref. Section
Interference and/or audio noise. Audio intermittent.	Defective wiring.	Test and repair wiring.	98–40–00, 98–60–00, and CSP–SPM
	Incorrect electrical ground.	Do a test for electrical ground of system.	98–40–00, 98–60–00, and CSP–SPM
	Defective audio select panel.	Replace audio select panel.	97–00–00
Pilot isolation does not function.	Defective audio select panel.	Replace audio select panel.	97–00–00

2. Communication System Troubleshooting

The fault isolation procedures that follow are a brief summary of communication system faults which can occur (Ref. Table 102).Electrical power is applied to system, circuit breakers are closed, and audio select panel switches are set to correct position.

Full wire diagrams are available (Ref. Section 98–40–00 for electrical power and 98–60–00 for avionics).

Table 102. Communication System Troubleshooting

Fault	Probable Cause	Corrective Action	Ref. Section
Interference and/or audio noise. Audio intermittent.	Weak or unsatisfactory signal.		
	Incorrect electrical ground.	Do a test for electrical ground of system.	98–40–00, 98–60–00, and CSP–SPM
	Defective wiring.	Test and repair wiring.	98–40–00, 98–60–00, and CSP–SPM
	Defective communication antenna.	Replace communication antenna.	97–00–00
	Defective transceiver.	Replace transceiver.	97–00–00
	Defective audio select panel.	Replace audio select panel.	97–00–00
No sidetone during transmit at pilot or copilot station.	Defective wiring.	Test and repair wiring.	98–40–00, 98–60–00, and CSP–SPM
	Defective transceiver.	Replace transceiver.	97–00–00
Frequency is incorrect.	Transceiver incorrectly set.	Adjust transceiver frequency.	
	Defective transceiver.	Replace transceiver.	97–00–00

Table 102. Communication System Troubleshooting (Cont.)

Fault	Probable Cause	Corrective Action	Ref. Section
Transceiver does not operate.	No electrical power to essential bus.	Refer to Power Busses Troubleshooting (No power to essential bus).	96–00–00
	Defective wiring.	Test and repair wiring.	98–40–00, 98–60–00, and CSP–SPM
	Defective **NAV COM 1** circuit breaker.	Replace **NAV COM 1** circuit breaker.	96–00–00 and CSP–SPM
	Defective transceiver.	Replace transceiver.	97–00–00
No transceiver audio.	Volume control not adjusted.	Adjust volume control.	
	Squelch control not adjusted.	Adjust squelch.	
	Defective wiring.	Test and repair wiring.	98–40–00, 98–60–00, and CSP–SPM
	Defective transceiver.	Replace transceiver.	95–20–00
	Defective antenna(s).	Replace antenna(s).	95–20–00
	Defective audio select panel.	Replace audio select panel.	97–00–00
No transceiver audio at one station.	Volume control not adjusted.	Adjust volume control.	
	Defective headset.	Replace headset.	
	Defective wiring.	Test and repair wiring.	98–40–00, 98–60–00, and CSP–SPM
	Defective headset jack.	Replace headset jack.	97–00–00
	Defective audio select panel.	Replace audio select panel.	97–00–00
Transceiver selection does not operate.	Defective radio select/tune switch.	Replace radio select/tune switch or collective grip module.	67–10–20
	Defective wiring.	Test and repair wiring.	98–40–00, 98–60–00, and CSP–SPM
	Defective transceiver.	Replace transceiver.	95–20–00
Pilot isolation does not function.	Defective audio select panel.	Replace audio select panel.	97–00–00

3. Navigation System Troubleshooting

Ref. Section 95-20-00 for fault isolation procedures.

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AVIONICS

REMOVAL/INSTALLATION

1. Audio Select Panel

A. Audio Select Panel Removal

(Ref. Figure 401)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Remove access panel PL120 (Ref. Section 06–00–00).

(3). Disconnect electrical connectors **P501** (4) and **P502** (3) from audio select panel (1).

(4). Loosen captive fasteners (2). Remove audio select panel (1).

B. Audio Select Panel Installation

(Ref. Figure 401)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Prepare surface for electrical bond (Ref. CSP–SPM).

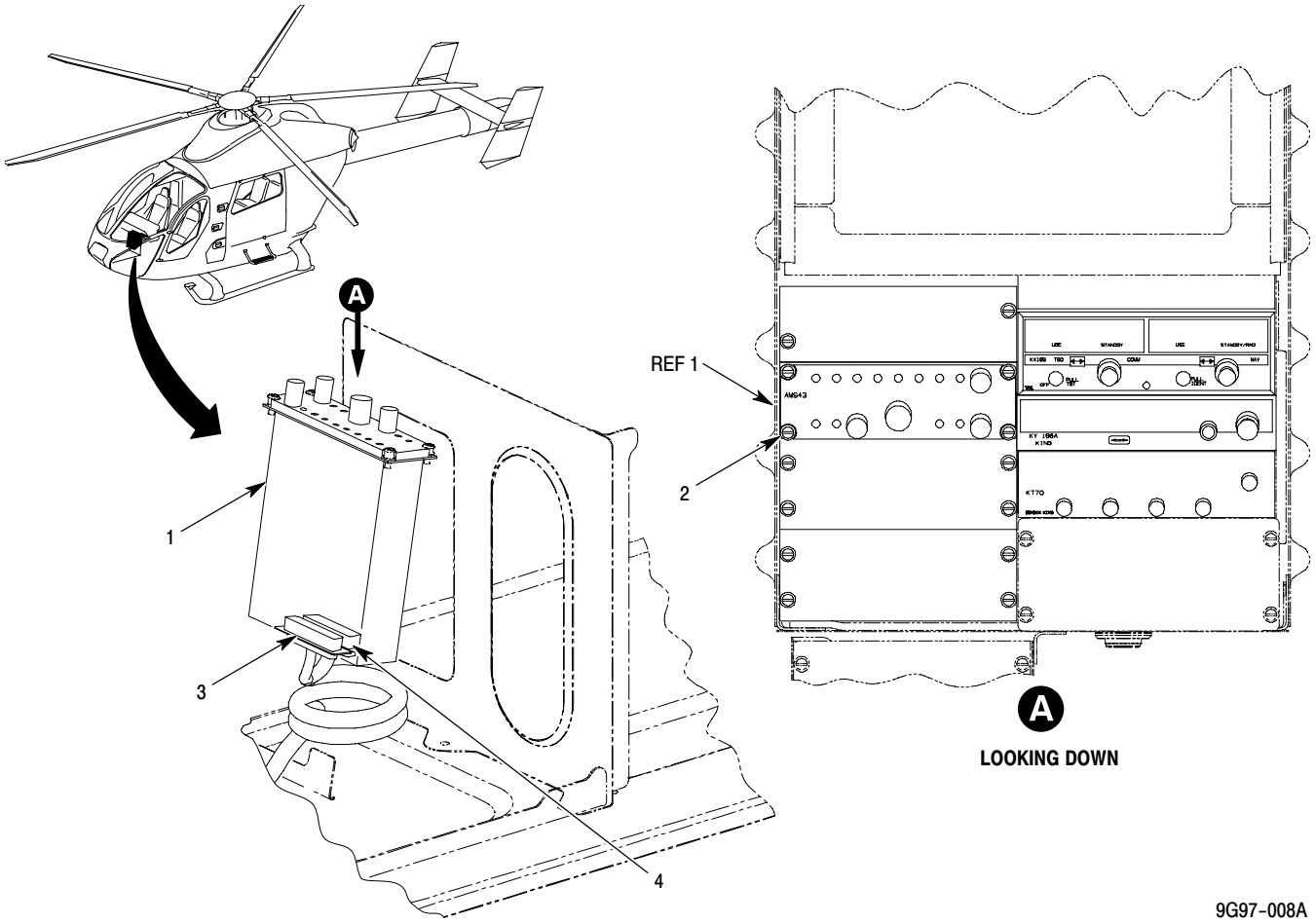
(3). Put audio select panel in center console. Tighten captive fasteners.

(4). Connect electrical connectors **P501** and **P502** to audio select panel.

(5). Install access panel PL120 (Ref. Section 06–00–00).

(6). Test audio select panel for class “R” electrical bond (Ref. CSP–SPM).

(7). Connect electrical power to helicopter (Ref. Section 96–00–00).



1. AUDIO SELECT PANEL
2. CAPTIVE FASTENERS
3. ELECTRICAL CONNECTOR P502
4. ELECTRICAL CONNECTOR P501

Figure 401. Audio Select Panel

2. Crew Audio Panel

A. Crew Audio Panel Removal

(Ref. Figure 402)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Remove left center beam main cover (Ref. Section 25–10–00).

(3). Remove nuts (10), washers (6 and 9), and screws (5). Remove audio connectors **J159** (1), **J151** (2), and **J152** (8).

(4). Remove screws (4) and washers (3). Remove crew audio panel (7).

B. Crew Audio Panel Installation

(Ref. Figure 402)

Power Off

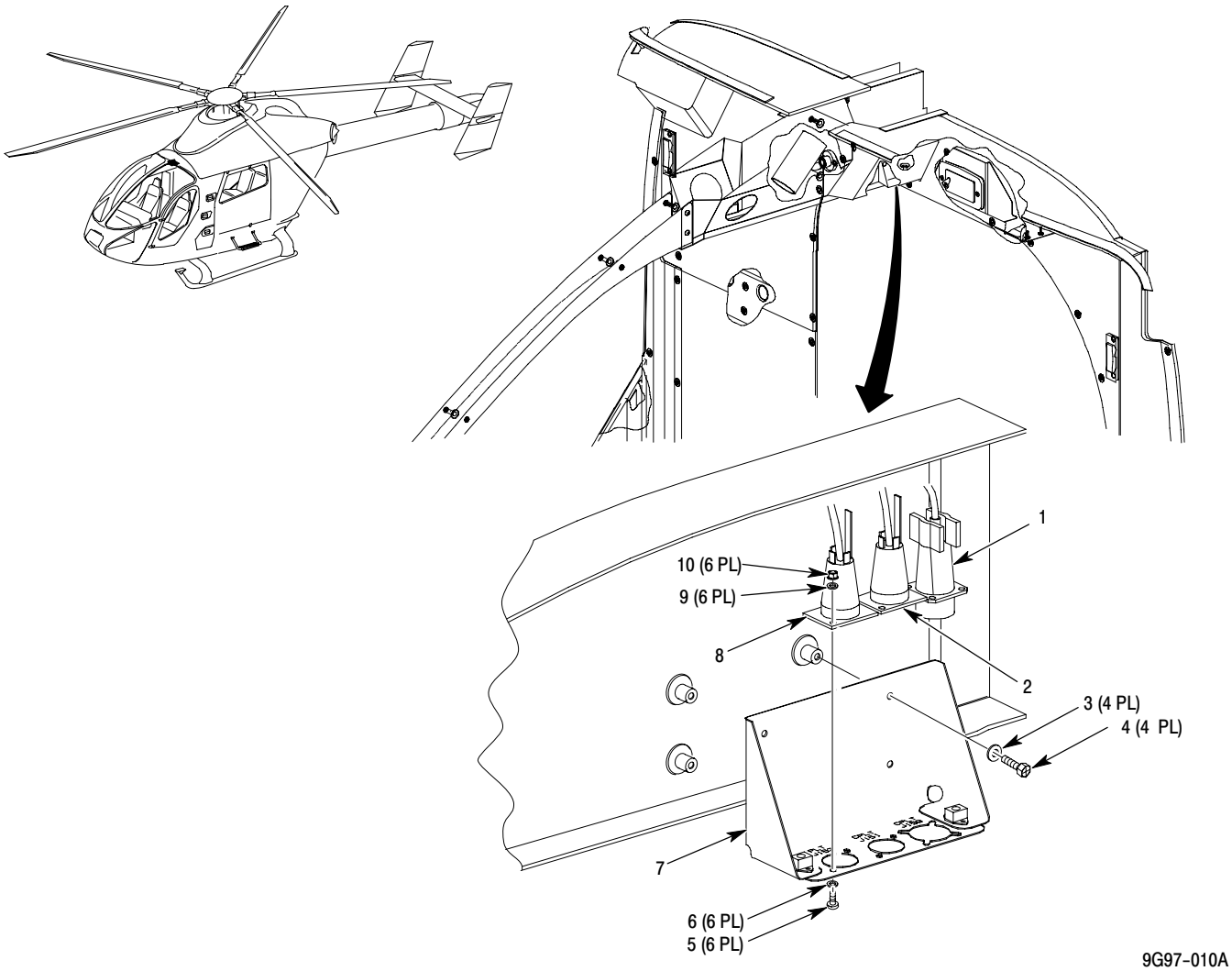
(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Put crew audio panel in installed position. Install screws and washers. Torque screws.

(3). Put audio connectors **J159**, **J151**, and **J152** in installed position and install screws, washers, and nuts. Torque nuts.

(4). Install left center beam main cover (Ref. Section 25–10–00).

(5). Connect electrical power to helicopter (Ref. Section 96–00–00).



1. AUDIO CONNECTOR J159
2. AUDIO CONNECTOR J151
3. WASHER
4. SCREW
5. SCREW
6. WASHER
7. CREW AUDIO PANEL
8. AUDIO CONNECTOR J152
9. WASHER
10. NUT

Figure 402. Crew Audio Panel

3. Cabin Audio Connector

NOTE: With utility interior, there is one audio connector in forward area of cabin below upper deck.

A. Cabin Audio Connector Removal

(Ref. Figure 1)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Remove interior trim that covers audio connector (Ref. Section 25–20–00).

(3). Disconnect wires from audio connector.

(4). Remove screws and washers from cabin audio connector. Remove cabin audio connector.

B. Cabin Audio Connector Installation

(Ref. Figure 1)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Put cabin audio connector in installed position and install screws and washers. Torque screws.

(3). Connect wires to audio connector.

(4). Install interior trim that covers cabin audio connector (Ref. Section 25–20–00).

(5). Connect electrical power to helicopter (Ref. Section 96–00–00).

4. ICS Foot switch

A. ICS Foot switch Removal

(Ref. Figure 403)

(1). Open panel PL120 (Ref. Section 06–00–00).

(2). Remove screws (4) and washers (5).

(3). Remove ICS foot switch (1) through center console and hole in floor.

(4). Remove screws (2 and 3) and disconnect wires (6).

(5). Remove ICS foot switch.

B. ICS Foot switch Installation

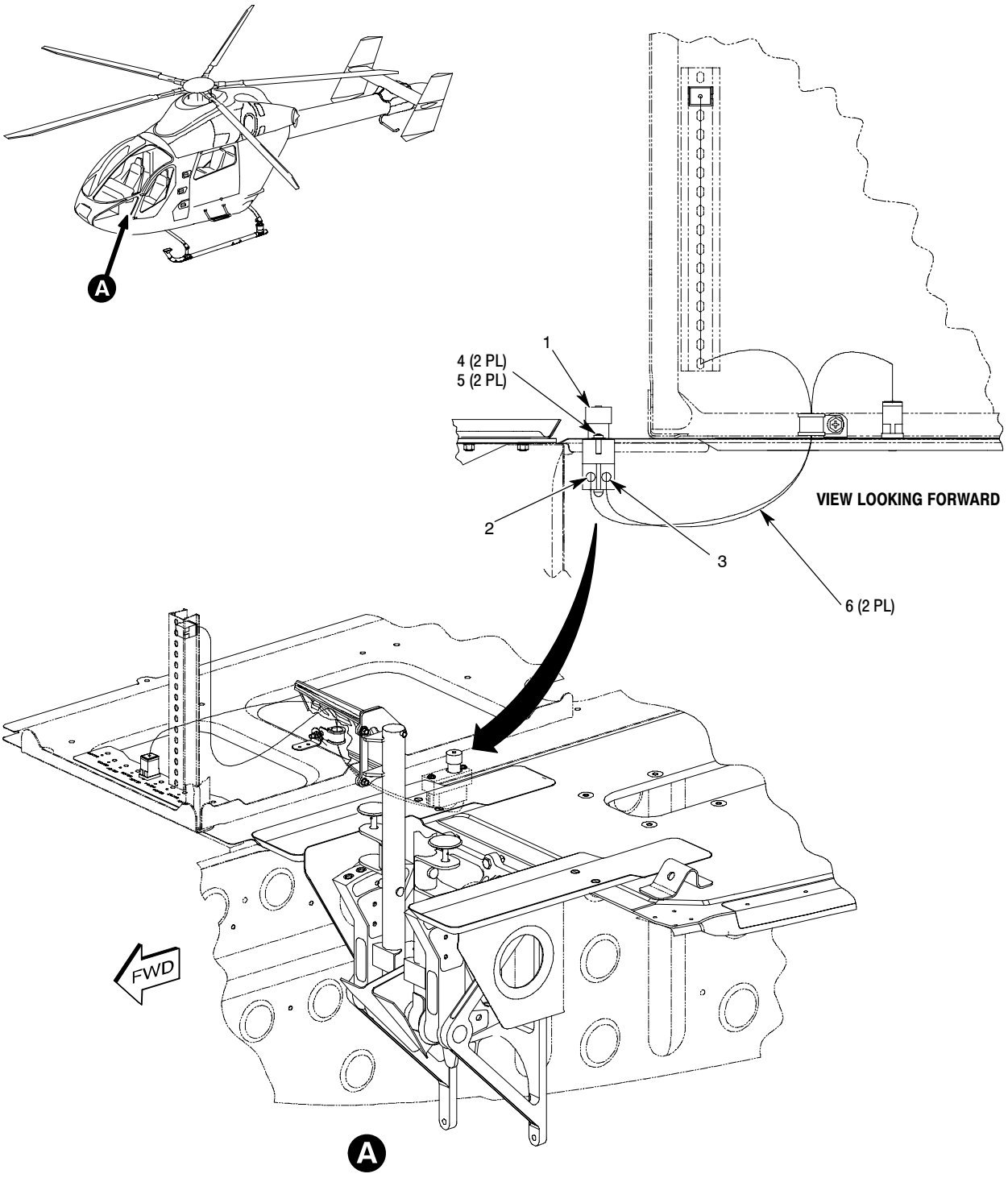
(Ref. Figure 403)

(1). Connect wires to ICS foot switch and install screws. Torque screws.

(2). Put ICS foot switch in installed position.

(3). Install screws and washers. Torque screws.

(4). Close panel PL120 (Ref. Section 06–00–00).



1. ICS FOOT SWITCH
2. SCREW
3. SCREW
4. SCREW
5. WASHER
6. WIRE

Figure 403. ICS Foot switch

5. Communication Transceiver No. 1

A. Communication Transceiver No. 1 Removal

(Ref. Figure 404)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Put **3/32 in.** hex key through hole in front panel of communication transceiver No. 1 (1). Turn counterclockwise until lock mechanism is disengaged.

(3). Remove communication transceiver No. 1 (1).

B. Communication Transceiver No. 1 Installation

(Ref. Figure 404)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Prepare surface for electrical bond (Ref. CSP–SPM).

(3). Look at top of communication transceiver No. 1, make sure front lobe of lock mechanism is in a vertical position.

(4). Install communication transceiver No. 1 in mount until front lobe touches mount.

CAUTION Do not over tighten lock mechanism.

(5). Put **3/32 in.** hex key through hole in front panel. Turn clockwise until the lock mechanism is engaged.

(6). Test communication transceiver No. 1 for Class "R" electrical bond (Ref. CSP–SPM).

(7). Connect electrical power to helicopter (Ref. Section 96–00–00).

6. Communication Transceiver No. 2 (Optional)

A. Communication Transceiver No. 2 Removal

(Ref. Figure 404)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Put **3/32 in.** hex key through hole in front panel of communication transceiver No. 2 (2). Turn counterclockwise until the lock mechanism is disengaged.

(3). Remove communication transceiver No. 2 (2) from mount.

B. Communication Transceiver No. 2 Installation

(Ref. Figure 404)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Prepare surface for electrical bond (Ref. CSP–SPM).

(3). Look at top of communication transceiver No. 2, make sure front lobe of lock mechanism is in a vertical position.

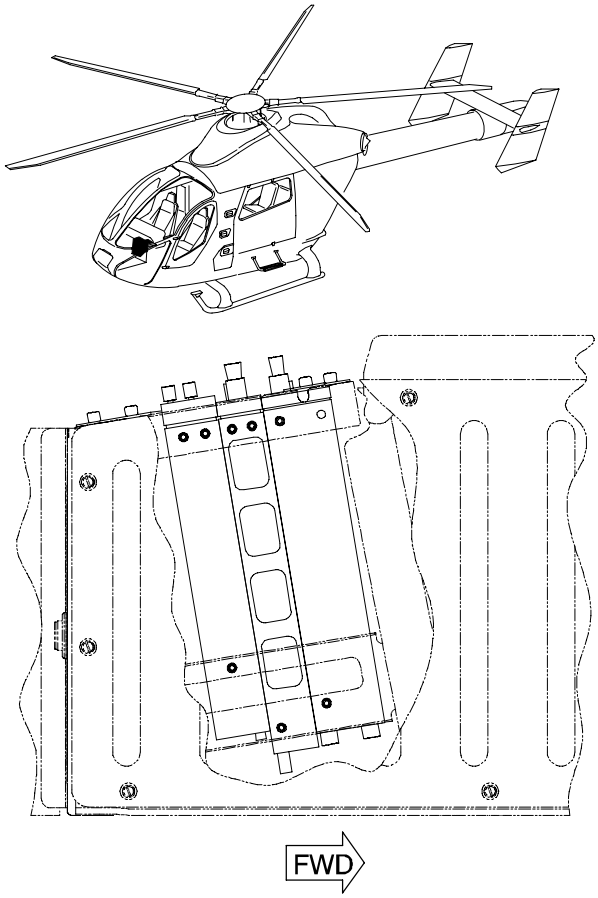
(4). Install communication transceiver No. 2 in mount until front lobe touches mount.

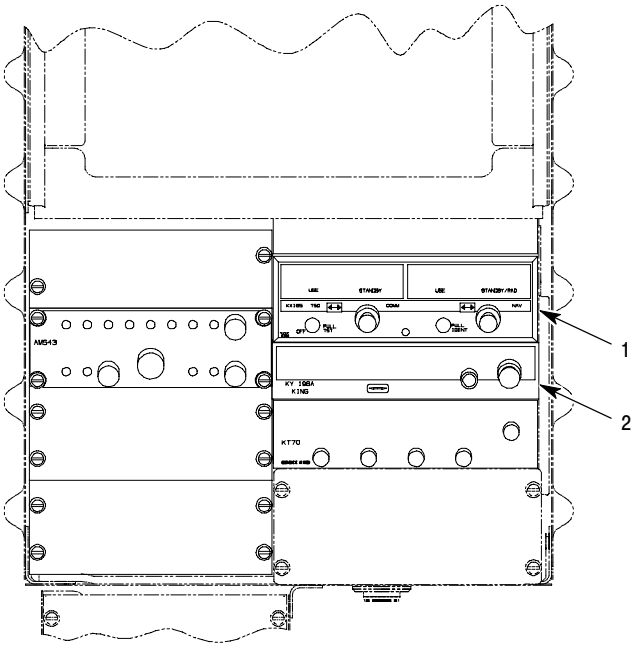
CAUTION Do not over tighten lock mechanism.

(5). Put **3/32 in.** hex key through hole in front panel. Turn clockwise until the lock mechanism is engaged.

(6). Test communication transceiver No. 2 for Class "R" electrical bond (Ref. CSP–SPM).

(7). Connect electrical power to helicopter (Ref. Section 96–00–00).





9G97–015

1. COMMUNICATION TRANSCEIVER NO. 1
2. COMMUNICATION TRANSCEIVER NO. 2

Figure 404. Communication Transceiver

7. Communication Antenna

A. Communication Antenna Removal

(Ref. Figure 405)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Remove screws (2).

(3). Lift communication antenna (1) sufficiently to disconnect coaxial cable connector (4). Disconnect coaxial cable.

(4). Remove and discard gasket (3).

B. Communication Antenna Installation

(Ref. Figure 405)

Consumable Materials (Ref. CSP–SPM)	
Item	Nomenclature
C232	Sealant

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Prepare surface for electrical bond (Ref. CSP–SPM).).

(3). Connect coaxial cable connector.

(4). Put antenna in installed position.

(5). Install screws. Torque screws **25 in-lb (2.83 N•m)**.

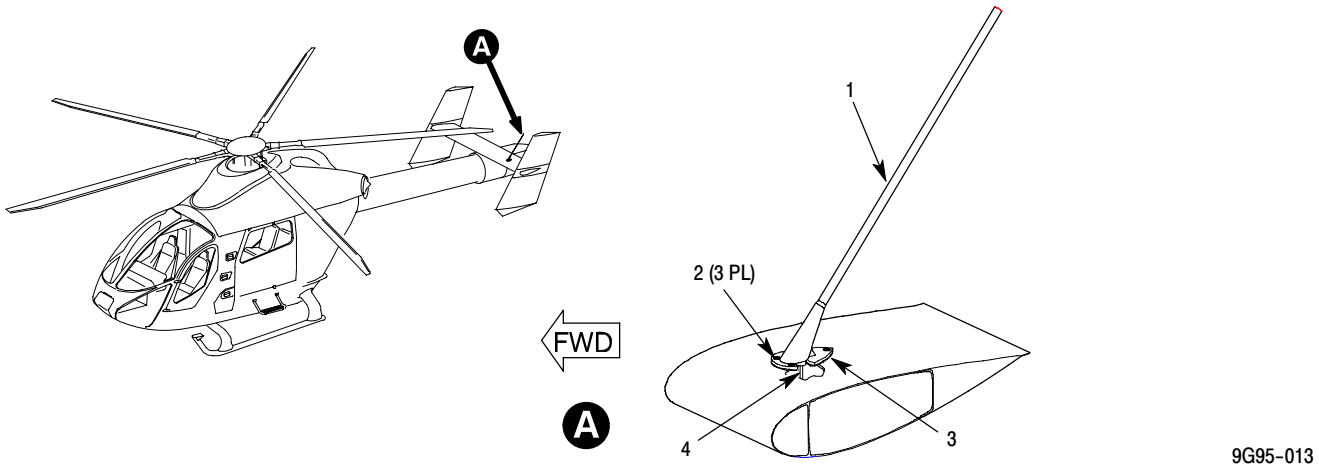
(6). Test between antenna and horizontal stabilizer for class “R” electrical bond (Ref. CSP–SPM).

Sealant (C232)

(7). Apply sealant (C232) to gasket and communication antenna.

(8). If necessary touch up paint (Ref. CSP–SPM).

(9). Connect electrical power to helicopter (Ref. Section 96–00–00).



1. COMMUNICATION ANTENNA
2. SCREW
3. GASKET
4. CONNECTOR

Figure 405. Communication Antenna

8. Power Converter

A. Power Converter Removal

(Ref. Figure 406)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Open access panel L109 (Ref. CSP–900RMM–2, Section 06–00–00).

(3). Remove screws (4).

(4). Remove cover (5).

(5). Tag wires (7).

(6). Remove screws (6).

(7). Remove screws (2) and washers (3).

(8). Remove power converter (1).

B. Power Converter Installation

(Ref. Figure 406)

Power Off

(1). Make sure all electrical power is removed from helicopter (Ref. Section 96–00–00).

(2). Put power converter in installed position and install screws and washers. Torque screws sufficiently to prevent movement of voltage converter.

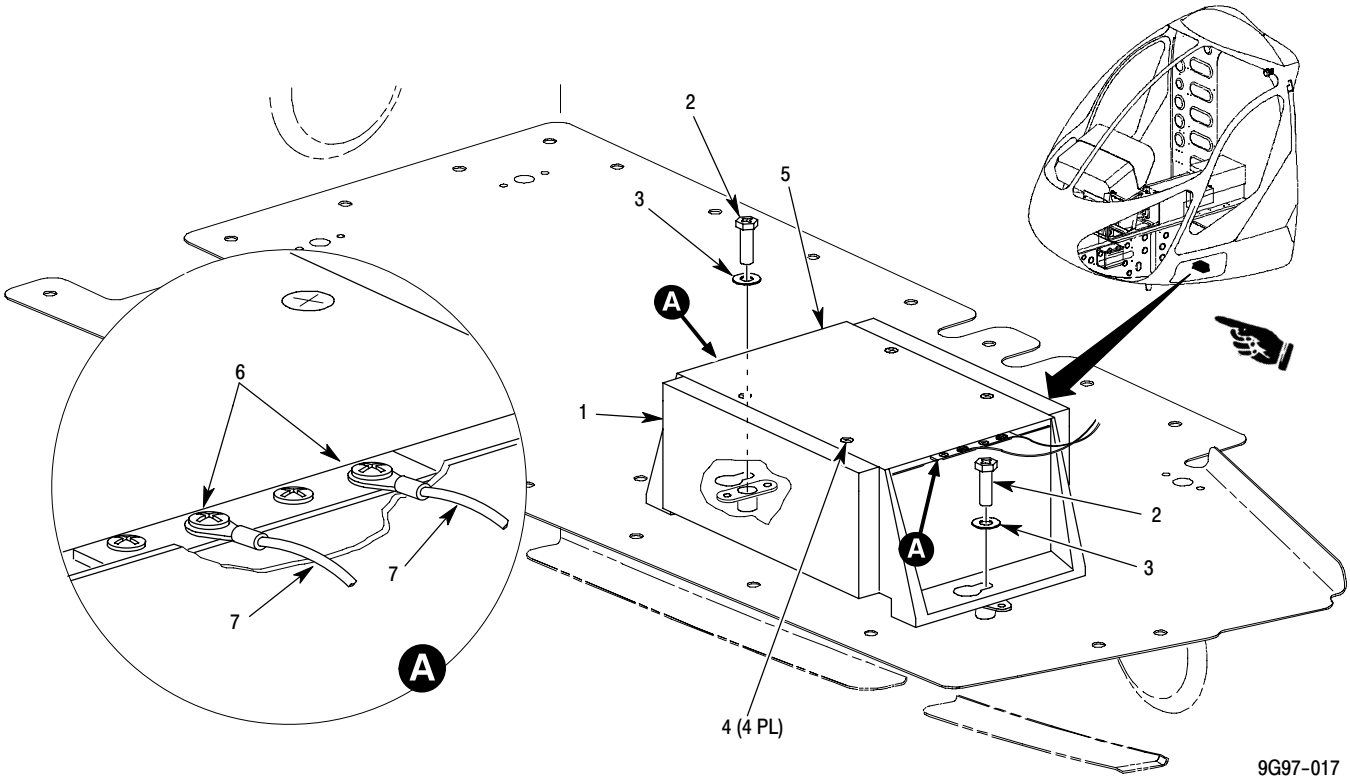
(3). Put wires on screws and install screws. Torque screws.

(4). Put cover in installed position and install screws. Torque screws.

(5). Test power converter for Class “R” electrical bond (Ref. CSP–SPM).

(6). Close access panel L109 (Ref. CSP–900RMM–2, Section 06–00–00).

(7). Connect electrical power to helicopter (Ref. Section 96–00–00).



1. POWER CONVERTER
2. SCREW
3. WASHER
4. SCREW
5. COVER
6. SCREW
7. WIRE

Figure 406. Power Converter

AVIONICS

INSPECTION/TEST

1. Intercommunication System (ICS)

A. ICS Inspection (Area 1)

(1). Examine audio select panel for broken switches. No damage permitted.

(2). Examine cyclic grip radio–ICS switches for damage. No damage permitted.

(3). Examine crew audio panel for damage. No damage permitted.

B. ICS Inspection (Area 2)

(1). Examine cabin audio connections for damage. No damage permitted.

C. ICS Operational Test

(1). **900 CONFIG –** Make sure **AUDIO PNL 1** circuit breaker of **ESSENTIAL BUS** on essential bus circuit breaker panel is closed.

(2). **902 CONFIG –** Make sure **AUDIO** circuit breaker of **R ESS BUS** on essential bus circuit breaker panel is closed.

(3). Set **POWER** switch on **ELECTRICAL MASTER** panel to **BAT/EXT**.

(4). Connect pilot and copilot headsets to crew audio panel.

(5). Set audio select panel for ICS communication.

(6). Move radio–ICS switch on pilot cyclic stick to ICS position (up) and speak in microphone. Make sure copilot headset receives transmitted signal. If necessary, adjust ICS volume control on audio select panel.

(7). Release pilot cyclic stick radio–ICS switch.

(8). Move copilot cyclic stick radio–ICS switch to ICS position (up) and speak in microphone. Make sure pilot headset receives transmitted signal. if necessary, adjust ICS volume control on audio select panel.

(9). Release copilot cyclic stick radio–ICS switch.

(10). Connect observer headset to crew audio panel.

(11). Move radio–ICS switch on pilot cyclic stick to ICS position (up) and speak in microphone. Make sure observer headset receives transmitted signal. If necessary, adjust ICS volume control on audio select panel.

(12). Release pilot cyclic stick radio–ICS switch.

(13). Connect headset in cabin audio connection.

(14). Move radio–ICS switch on pilot cyclic stick to ICS position (up) and speak in microphone. Make sure cabin headset receives transmitted signal. If necessary, adjust ICS volume control on audio select panel.

(15). Release pilot cyclic stick radio–ICS switch.

(16). Do steps (13). thru (15). again until you have tested all cabin audio connections.

(17). Set **POWER** switch on **ELECTRICAL MASTER** panel to **OFF**.

2. Communication System

A. Communication Inspection (Area1)

(1). Make sure navigation and communication transceivers are correctly installed.

(2). Examine navigation and communication transceivers for broken switches, knobs, or other damage. No damage permitted.

(3). Turn on transceivers and examine displays. Inspect displays for correct operation. No incorrect operation permitted.

(4). Examine Radio–ICS switch on cyclic grips for damage. No damage permitted.

(5). Examine radio select/tuning switch on collective grips for damage. No damage permitted.

B. Communication Inspection (Area7)

(1). Examine navigation and communication antennas on the horizontal stabilizer for damage. No damage permitted.

C. Communication Operational Test

(1). **900 CONFIG -** Make sure **AUDIO PNL 1** and **NAV COM 1** circuit breakers of **ESSENTIAL BUS** on essential bus circuit breaker panel are closed.

(2). **902 CONFIG -** Make sure **AUDIO** and **NAV COM 1** circuit breakers of **R ESS BUS** on essential bus circuit breaker panel are closed.

(3). **902 CONFIG -** Make sure **NAV COM 2** circuit breaker of **L ESS BUS** on essential bus circuit breaker panel is closed.

(4). Set **POWER** switch on **ELECTRICAL MASTER** panel to **BAT/EXT**.

(5). Connect pilot headset to crew audio panel.

(6). Set transceiver to on.

(7). When transceiver has become warm, pull transceiver function control knob up and make sure there is background noise. If necessary, adjust volume control.

(8). Push transceiver function control knob down. make sure there is no background noise.

(9). Select a frequency and make sure frequency is shown in standby position.

(10). Push frequency transfer button. Make sure standby frequency becomes active frequency.

(11). Turn **Pull 25K** knob. Make sure frequency changes in increments of 50 kHz.

(12). Pull and turn **Pull 25K** knob. Make sure frequency changes in increments of 25 kHz.

(13). Move radio–ICS switch on pilot cyclic stick to radio position (down). Make sure transmit indicator light on transceiver comes on.

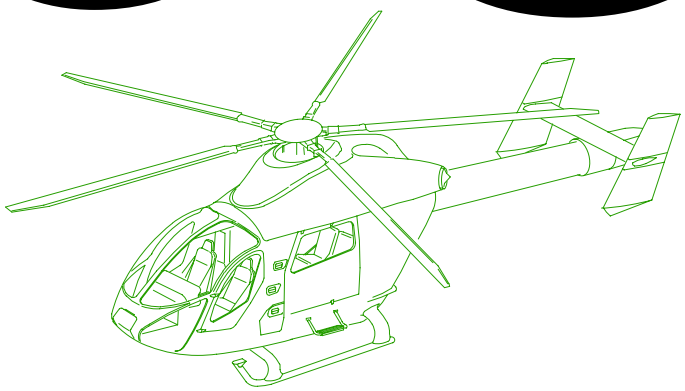
(14). With radio–ICS switch on pilot cyclic stick to radio position (down), speak in microphone. Make sure there is satisfactory side tone in headsets.

(15). Release pilot cyclic stick radio–ICS switch.

(16). Set transceiver to off.

(17). Set **POWER** switch on **ELECTRICAL MASTER** panel to **OFF**.

Chapter 98



WIRING

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Section

98–00–00

Wiring

WIRING

DESCRIPTION AND OPERATION

1. Effectivity

The basic MD900 and the MD900 Category A, have been designated the MD900 and MD902 respectively. When information in this manual is applicable to both, there will be no effectivity specified. When information is applicable to the MD900 only, that information will be identified as **"900 CONFIG"**. When information is applicable to the MD900 Category A only, that information will be identified as **"902 CONFIG"**.

2. Chapter Content

This chapter contains seven sections; Wiring, Electrical Equipment List, Standard Practices, Wire Harness Locators, System Interconnect Wiring Diagrams, Wire List, and Interface to Avionics Options.

3. Section Content

Wiring (Section 98-00-00) - contains the Description and Operation which explains the content and usage of chapter 98–00–00.

Electrical Equipment List (Section 98-10-00) - contains all hardware by part number, description, reference data for identification within the aircraft. This section can be used to obtain a part number from a reference designator.

Standard Practices (CSP-SPM, Section 20-60-00) - contains information on wiring standard practices, procedures for removing and installing wire harness components, inspecting wiring for damage, acceptable damage limits and wiring repair.

Wire Harness Locators (Section 98-30-00) - contains the location of the wire harness in the airframe and the connectors and reference designators contained in the harness.

System Interconnect Wiring Diagrams (IWD) (Section 98-40-00) - contains the system circuit wiring diagrams and interconnect diagrams. Wire harness numbers are shown in the wiring diagrams and can be found in the aircraft from the wire harness locators.

Wire List (Section 98-50-00) - contains a complete bi–directional listing of the wires in standard aircraft by wire harness number. This list can be used to obtain wire type codes and term codes. These codes are referenced in three tables of specific part numbers of wire, terminations, tools for crimping, and tools for insertion/extraction.

Interface to Avionics Options (Section 98-60-00) - contains the aircraft interface to avionics options electrical interconnect wiring diagrams.

4. Illustration Layout Convention

(Ref. Figure 1)

The connector reference designator numbers are assigned based on their location within a specific zone of the aircraft. When looking for a specific connector, use the Connector Reference Designator as a guide. As an example; P102 is a 100 series connector and resides in the flight station and P407 is a 400 series connector and resides on the transmission deck.

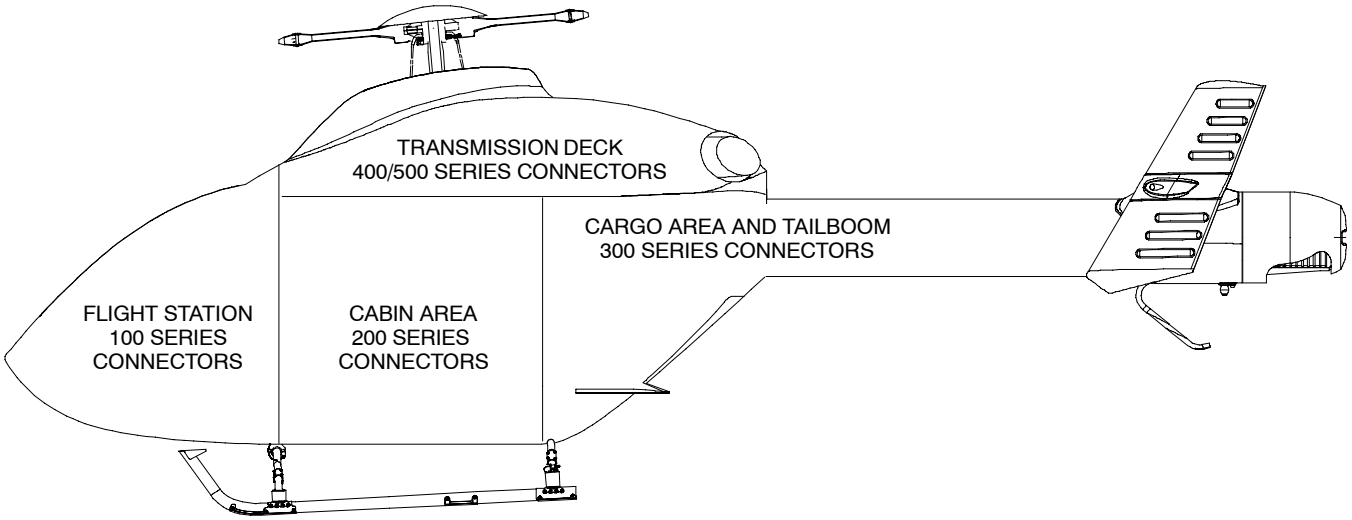

Figure 1. Connector Reference Designator

5. Interconnect Wiring Diagram Symbology

(Ref. Figure 2)

For ease of reading the diagrams, all lower case pin letters are shown in capital with a capital Z preceding the actual pin letter. In the case of splices with reference designators, the splice resides nearest the connector which it is referenced to. If the connector is in a congested area the splice could reside farther back in the harness. Grounding wires may be terminated to a ground stud or to a ground terminal module.

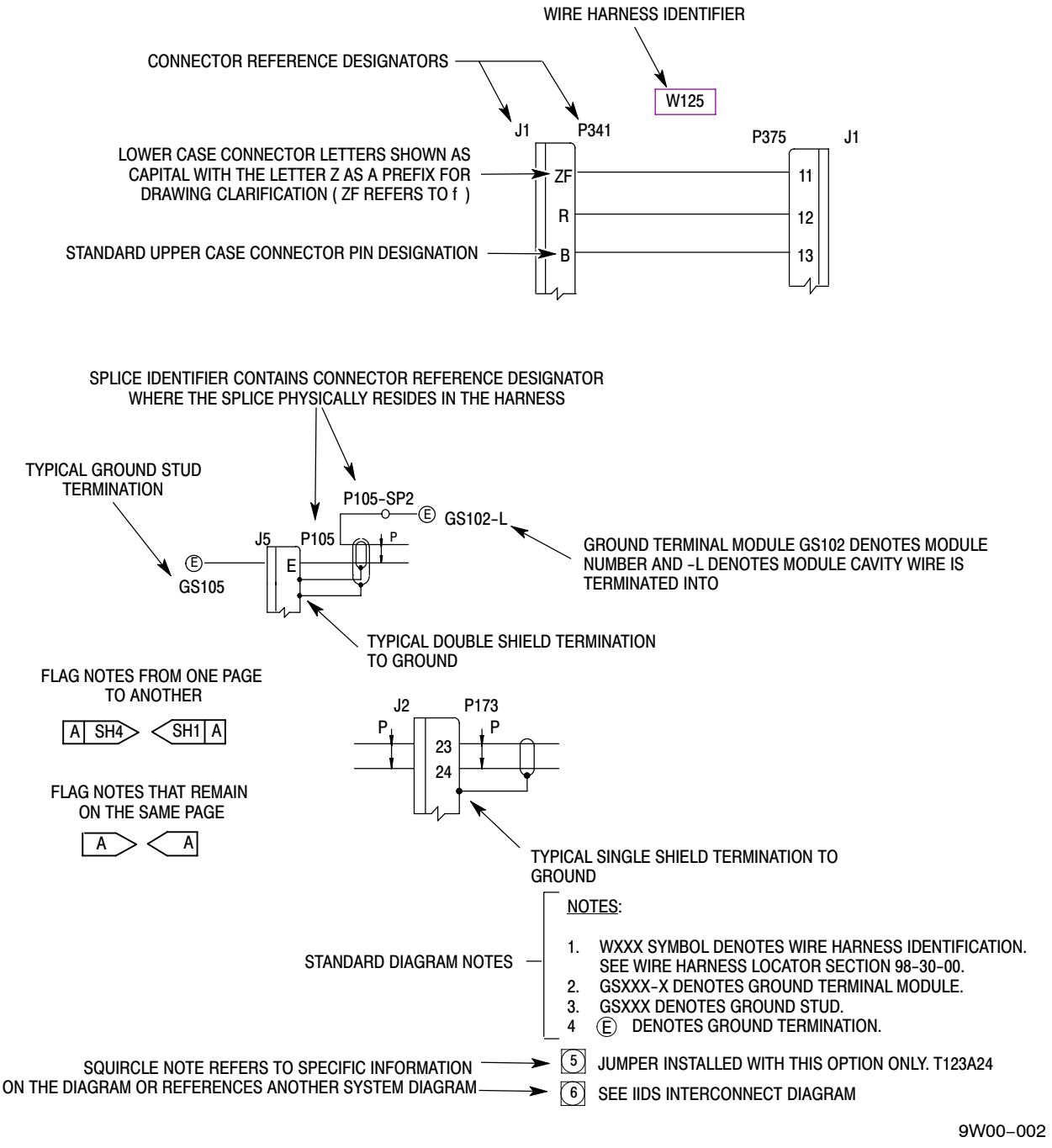

Figure 2. Interconnect Wiring Diagram Symbology

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Section

98–10–00

Electrical Equipment List

ELECTRICAL EQUIPMENT LIST

WIRE HARNESS EQUIPMENT

Table 1. Reference Designator Identification Table

Reference Designator	Description	Mates with Wire Harness
A1	Battery	W124, W126
A2	IIDS	W122, W123
A6	Cyclic Grip (Pilot)	W135
A7	Cyclic Grip (Copilot)	W135
A8	Collective Control Module (Pilot)	W100
A9	Collective Control Module (Copilot)	W100
A102	Fire/Overheat Control (RH Engine)	W124
A103	Fire/Overheat Control (LH Engine)	W124
A104	Fwd Fuel Gaging Probe **(900 CONFIG)**	W127
A105	Fire/Overheat Control (Transmission Deck)	W125
A107	Aft Fuel Gaging Probe **(900 CONFIG)**	W128
A111	LH Fuel Boost Pump	W127
A112	RH Fuel Boost Pump	W128
A114	RH Fuel Pressure Switch	W124
A115	LH Fuel Pressure Switch	W125
A116	RH Fuel Shutoff Valve	W124
A117	LH Fuel Shutoff Valve	W125
A119	Fuel Shutoff Valve (Crossfeed) **(900 CONFIG)**	W125
A120	Heated Pitot Tube	A606
A173	LH Vertical Fin Control Unit	W125
A174	RH Vertical Fin Control Unit	W124
A175	LH Yaw Rate Gyro–YSAS	W125
A176	RH Yaw Rate Gyro–YSAS	W124
A178	RH Lateral Accelerometer	W124
A200	Electronic Engine Control (EEC)	W122, W142
A201	Electronic Engine Control (EEC)	W123, W143
A308	Power Supply (White Strobe Lights))	W124, W125
A309	Power Supply (Red Strobe Lights)	W125
A400	Hydraulic Manifold/Reservoir 1	W129
A401	Hydraulic Manifold/Reservoir 2	W129
A403	Main Transmission	W129
A404	Evaporator Fan	W305

Table 1. Reference Designator Identification Table (Cont.)

Reference Designator	Description	Mates with Wire Harness
A407	Starter/Generator	W125, W141
A408	Starter/Generator	W124, W140
A409	Generator Control Unit (GCU)	W125
A410	Generator Control Unit (GCU)	W124
A411	Condenser Fan	W304
A412	Condenser Fan	W304
A413	Recirculating Fan	W306
A601	Circuit Breaker Panel	W124, W125, W138
A602	Electrical/Lighting Control Panel	W124, W125
A604	Engine/Fuel Control Panel	W124, W125
A606	Utility Control Panel	W124
A610	External Power Box	W126
A612	Fwd Interconnect Panel	W124, W125, W122
A614	External Power Relay Assembly	W137, W126,
A615	Hover/Landing Light Relay Assembly	W124
A620	Electrical Load Center	W124, W125, W122
A642	Hover/Landing Light Assembly	A610
A647	External Power Receptacle (FWD)	W126
A649	External Power Receptacle (AFT)	W325
A650	Detent Module	W122
A651	Collective Friction Unit	W122
A653	Outside Air Temperature Sensor	W123
A654	Magnetic Compass	W136
A655	Dimmer (Power Supply)	W124, W125
A658	Airspeed Indicator (Pilot)	W136
A660	Altimeter (Pilot)	W136
A667	Trim Actuator (Pitch)	W124
A668	Trim Actuator (Roll)	W124
A669	Fire/Overheat Control (Bleed Air Leak Detector)	W124
A670	Glareshield (Single Pilot)	W136
A671	Glareshield (Dual Pilot)	W136
A672	RH VSCS Indicator	W136
A673	LH VSCS Indicator	W136
A674	Collective Sensor	W124
A675	Terminal Board (Avionics)	W122, W123, W124, W125
A676	Foot Switch (Copilot ICS)	A675

Table 1. Reference Designator Identification Table (Cont.)

Reference Designator	Description	Mates with Wire Harness
A678	Vertical Speed Indicator (Pilot)	W136
A690	RH Damper–VSCS Actuator	W134
A691	LH Damper–VSCS Actuator	W145
A699	Flow Control Shutoff Valve	W311
A700	Cargo Hook	W314
A701	LH Ignitor Box	W123
A702	RH Ignitor Box	W122
A703	GPS Antenna	W433
A704	RH Fire Bottle	W307
A705	LH Fire Bottle	W307
A709	COMM Antenna	W434, W435, W436
A711	Transponder Antenna	W417
A803	Transponder	W417, W455
A817	COMM/GPS Transceiver	W465
A819	Voltage Converter (GPS)	W465
DS1	Landing Light	A610
DS2	Hover Light	A610
DS3	Cockpit Area Light	W125
DS4	Cockpit Utility Light	W125
DS5	Cabin Area Light	W125
DS6	Cabin Area Light	W125
DS7	Flood Light	A670, A671
DS8	Flood Light	A670, A671
DS9	Flood Light	A670, A671
DS301	Baggage Area Light	W124
DS302	RH Position Light	W134
DS303	LH Position Light	W134
DS304	Aft Position Light (Upper)	W134
DS305	Strobe Light (Lower)	A677
DS306	Strobe Light (Upper)	W134
DS307	Aft Position Light (Lower)	A677
FDL1	Fire Detection Cable (Transmission Deck)	W124
FDL2	Fire Detection Cable (RH Engine)	W124
FDL3	Fire Detection Cable (LH Engine)	W125
FDL4	Fire Detection Cable (Bleed Air Leak)	W309
K100	K100 Power Relay	W125

Table 1. Reference Designator Identification Table (Cont.)

Reference Designator	Description	Mates with Wire Harness
PS1	Low Pressure Switch	W305
PS2	High Pressure Switch	W305
PW1	LH Engine	W131, W311
PW2	RH Engine	W132, W311
RB/1	Proximity Switch	W129
RB/2	Proximity Switch	W129
S101	Key Switch	W124
S201	LH Cabin Door Ajar Switch	W125
S202	RH Cabin Door Ajar Switch	W124
S301	Baggage Door Switch	W124
S302	Thermostatic Switch	W305
TB301	Terminal Block Module	W304
TB302	Terminal Block Module	W308, W311

1. Equipment List Usage

(Ref. Figure 1)

The Equipment List is an alpha–numerical listing of all equipment reference designators, applicable wire harness number, their descriptions, part number, and aircraft effectivity.

The Electrical Equipment List can be used with the Interconnect Wiring Diagrams to identify a specific component part number from the reference designator for the purpose of replacing a specific component within a wire harness.

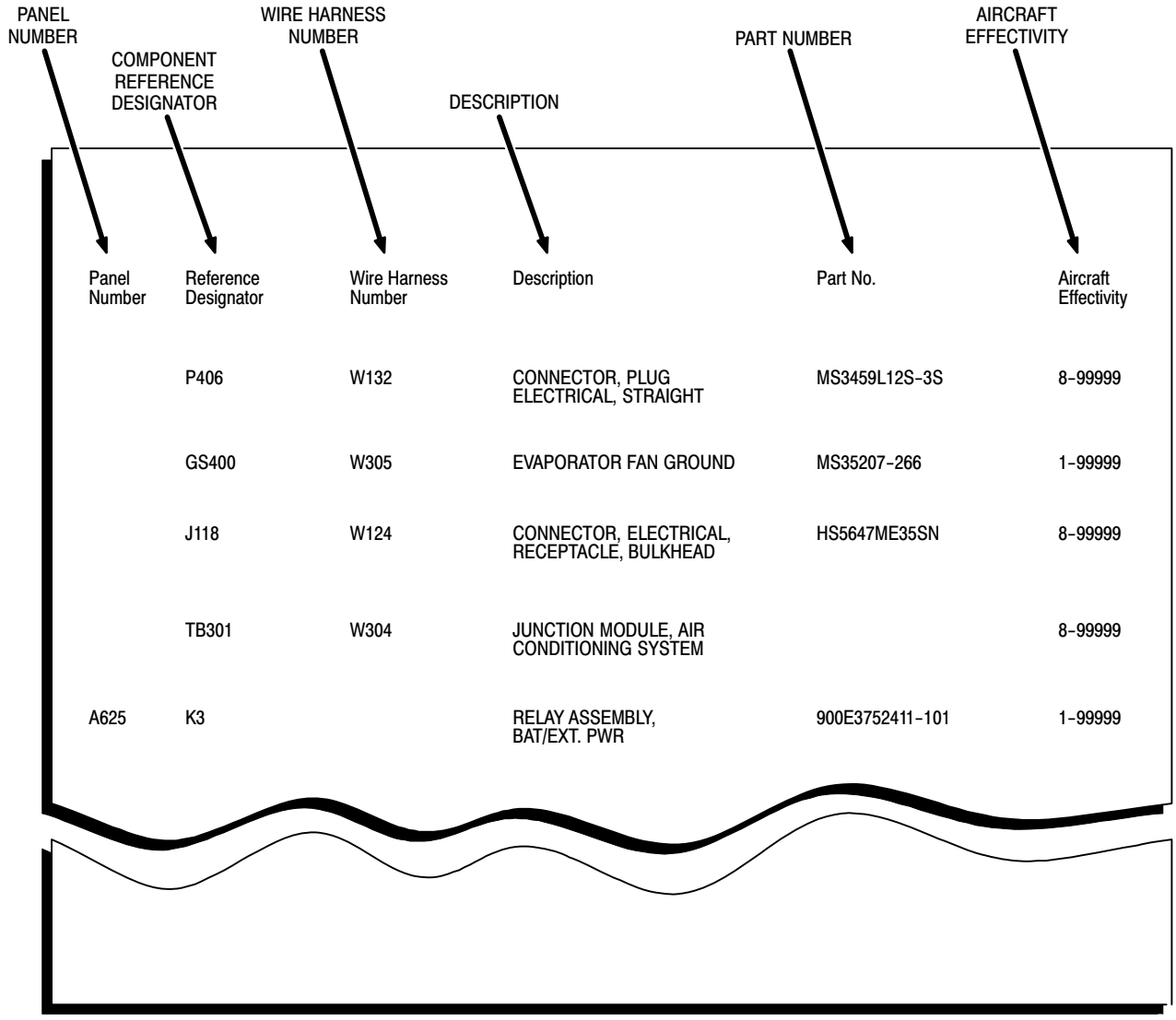

Figure 1. How To Use the Electrical Equipment List

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W100	P1	997–002	ADAPTER ASSEMBLY	00010–00011
	W100	P1	997–003	ADAPTER ASSEMBLY	00012–99999
	W100	P1	MHS5659MF35SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	00012–99999
	W100	P1	MS3476L20–41S	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	00010–00011
	W100	P2	MHS5330–1539	SLEEVING, EXPANDABLE, 1/2 INCH, FRAY RESISTANT	00010–00011
	W100	P2	MHS5330–1539	SLEEVING, EXPANDABLE, 1/2 INCH, FRAY RESISTANT	00012–99999
	W100	P2	MHS5659MD35PN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	00010–00011
	W100	P2	MHS5659MF35PN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	00012–99999
	W100	P2	M85049/38S15W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	00010–00011
	W100	P2	M85049/38S19W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	00012–99999
	W100	W100 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W100	W100 MRK2	MHS4910–1001	MARKER, CABLE	9XX
	W100	W100 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W101	W101 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W101	W101 MRK2	MHS4910–1001	MARKER, CABLE	9XX
	W101	W101 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W101	W101 TMS1	MHS5189–1501	SLEEVE, MARKER, CABLE, .475 INCH	9XX
	W103	J116	MHS5647ME26SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	9XX
	W103	J116	M85049/38S17W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W103	J117	MHS5647MJ4PN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	9XX
	W103	J117	M85049/39S25W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	9XX
	W103	J118	MHS5647MG41PN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	9XX
	W103	J118	M85049/39S21W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	9XX
	W103	J119	MHS5650–067J	RECEPTACLE, HOUSING, 6 POSITION	9XX
	W103	J119	MHS5650–4001–S	MODULE, SEALED SOCKET, 9 POSITION	9XX
	W103	J119	MHS5650–4003–S	MODULE, SEALED SOCKET, 16 POSITION	9XX
	W103	J120	MHS5650–067J	RECEPTACLE, HOUSING, 6 POSITION	9XX
	W103	J120	MHS5650–4001–S	MODULE, SEALED SOCKET, 9 POSITION	9XX
	W103	J120	MHS5650–4003–S	MODULE, SEALED SOCKET, 16 POSITION	9XX
	W103	J120	MHS5650–4005–S	MODULE, SEALED, SOCKET, 4 POSITION	9XX
	W103	J122	MHS5647MD19SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	9XX
	W103	J122	M85049/38S15W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W103	J126	MHS5647MG39PN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	9XX
	W103	J126	M85049/38S21W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W103	J127	MHS5647MJ24PN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	9XX
	W103	J127	M85049/38S25W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W103	J129	MHS5647MG41SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	9XX

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W103	J129	M85049/39S21W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	9XX
	W103	J130	MHS5647MH21SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	9XX
	W103	J130	M85049/39S23W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	9XX
	W103	J148	MHS5650–067J	RECEPTACLE, HOUSING, 6 POSITION	9XX
	W103	J148	MHS5650–4001–S	MODULE, SEALED SOCKET, 9 POSITION	9XX
	W103	J148	MHS5650–4003–S	MODULE, SEALED SOCKET, 16 POSITION	9XX
	W103	J148	MHS5650–4005–S	MODULE, SEALED, SOCKET, 4 POSITION	9XX
	W103	J203	MHS5650–067J	RECEPTACLE, HOUSING, 6 POSITION	9XX
	W103	J203	MHS5650–4001–S	MODULE, SEALED SOCKET, 9 POSITION	9XX
	W103	J203	MHS5650–4005–S	MODULE, SEALED, SOCKET, 4 POSITION	9XX
	W103	J203 SP1	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	9XX
	W103	J203 SP2	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	9XX
	W103	J205	MHS5650–067J	RECEPTACLE, HOUSING, 6 POSITION	9XX
	W103	J205	MHS5650–4001–S	MODULE, SEALED SOCKET, 9 POSITION	9XX
	W103	J205	MHS5650–4003–S	MODULE, SEALED SOCKET, 16 POSITION	9XX
	W103	J205	MHS5650–4005–S	MODULE, SEALED, SOCKET, 4 POSITION	9XX
	W103	J207	MHS5650–067J	RECEPTACLE, HOUSING, 6 POSITION	9XX
	W103	J207	MHS5650–4001–S	MODULE, SEALED SOCKET, 9 POSITION	9XX
	W103	J207	MHS5650–4003–S	MODULE, SEALED SOCKET, 16 POSITION	9XX
	W103	P1	MS25182–2	PLUG, ELECTRICAL, AIRCRAFT STORAGE BATTERY	9XX
	W103	P109	MHS5330–1524	SLEEVING, EXPANDABLE, 1/8 INCH, FRAY RESISTANT	9XX
	W103	P109	M22885/10818200	TERMINAL MODULE, CONNECTOR, ELECTRICAL	9XX
	W103	P109 SP1	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	9XX
	W103	P110	MHS5330–1524	SLEEVING, EXPANDABLE, 1/8 INCH, FRAY RESISTANT	9XX
	W103	P110	M22885/10818200	TERMINAL MODULE, CONNECTOR, ELECTRICAL	9XX
	W103	P110 SP1	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	9XX
	W103	P111	M83723/75R0803N	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	9XX
	W103	P111	M85049/52S8W	CONNECTOR, BACKSHELL, ELECTRICAL, SELF–LOCKING	9XX
	W103	P111 SP1	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	9XX
	W103	P114	MS3126F10–6S	PLUG, ELECTRICAL, STRAIGHT, WITH STRAIN RELIEF	9XX
	W103	P115	MHS5650–067P	PLUG, HOUSING, 6 POSITION	9XX
	W103	P115	MHS5650–4001–P	MODULE, SEALED PIN, 9 POSITION	9XX
	W103	P115	MHS5650–4005–S	MODULE, SEALED, SOCKET, 4 POSITION	9XX
	W103	P121	MHS5659MF32SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W103	P121	M85049/39S19W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	9XX
	W103	P123	MHS5650–067P	PLUG, HOUSING, 6 POSITION	9XX
	W103	P123	MHS5650–4001–S	MODULE, SEALED SOCKET, 9 POSITION	9XX
	W103	P123	MHS5650–4003–S	MODULE, SEALED SOCKET, 16 POSITION	9XX
	W103	P124	MHS5659MG41SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W103	P124	M85049/38S21W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W103	P124 SP1	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	9XX

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W103	P125	MHS5650–067P	PLUG, HOUSING, 6 POSITION	9XX
	W103	P125	MHS5650–4001–S	MODULE, SEALED SOCKET, 9 POSITION	9XX
	W103	P125	MHS5650–4005–S	MODULE, SEALED, SOCKET, 4 POSITION	9XX
	W103	P128	MHS5650–067P	PLUG, HOUSING, 6 POSITION	9XX
	W103	P128	MHS5650–4001–S	MODULE, SEALED SOCKET, 9 POSITION	9XX
	W103	P128	MHS5650–4003–S	MODULE, SEALED SOCKET, 16 POSITION	9XX
	W103	P133	MHS5330–1524	SLEEVING, EXPANDABLE, 1/8 INCH, FRAY RESISTANT	9XX
	W103	P133	M22885/10818200	TERMINAL MODULE, CONNECTOR, ELECTRICAL	9XX
	W103	P133 SP1	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	9XX
	W103	P134	MHS5330–1524	SLEEVING, EXPANDABLE, 1/8 INCH, FRAY RESISTANT	9XX
	W103	P134	M22885/10818200	TERMINAL MODULE, CONNECTOR, ELECTRICAL	9XX
	W103	P134 SP1	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	9XX
	W103	P144	MHS5659MA35SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W103	P144	M85049/38S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W103	P146	MHS5659MA35SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W103	P146	M85049/38S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W103	P147	MHS5650–067P	PLUG, HOUSING, 6 POSITION	9XX
	W103	P147	MHS5650–4001–S	MODULE, SEALED SOCKET, 9 POSITION	9XX
	W103	P147	MHS5650–4003–S	MODULE, SEALED SOCKET, 16 POSITION	9XX
	W103	W103 BRD1	MHS5330–2625	SLEEVING, SILICONE RUBBER, FIBERGLASS, NO.8/BLUE	9XX
	W103	W103 BRD2	MHS5330–2622	SLEEVING, SILICONE RUBBER, FIBERGLASS, NO.10/BLUE	9XX
	W103	W103 BRD3	MHS5330–2620	SLEEVING, SILICONE RUBBER, FIBERGLASS, NO.12/BLUE	9XX
	W103	W103 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W103	W103 MRK2	MHS4910–1001	MARKER, CABLE	9XX
	W103	W103 NIP1	MS25171–3S	NIPPLE, ELECTRICAL TERMINAL	9XX
	W103	W103 SP1	MHS5330–1524	SLEEVING, EXPANDABLE, 1/8 INCH, FRAY RESISTANT	9XX
	W103	W103 SP1	M81714/65–22–1	IN–LINE JUNCTION, SPLICE	9XX
	W103	W103 SP10	M81714/65–22–1	IN–LINE JUNCTION, SPLICE	9XX
	W103	W103 SP11	M81714/65–22–1	IN–LINE JUNCTION, SPLICE	9XX
	W103	W103 SP12	M81714/65–22–1	IN–LINE JUNCTION, SPLICE	9XX
	W103	W103 SP13	M81714/65–22–1	IN–LINE JUNCTION, SPLICE	9XX
	W103	W103 SP14	M81714/65–22–1	IN–LINE JUNCTION, SPLICE	9XX
	W103	W103 SP15	M81714/65–20–1	IN–LINE JUNCTION, SPLICE	9XX
	W103	W103 SP16	M81714/65–20–1	IN–LINE JUNCTION, SPLICE	9XX
	W103	W103 SP17	MHS5330–1524	SLEEVING, EXPANDABLE, 1/8 INCH, FRAY RESISTANT	9XX
	W103	W103 SP17	M81714/65–20–2	SPLICE, IN–LINE, DOUBLE UNIT	9XX
	W103	W103 SP18	M81714/65–20–2	SPLICE, IN–LINE, DOUBLE UNIT	9XX
	W103	W103 SP19	M81824/1–1	SPLICE, ELECTRICAL, CRIMP, INSULATED, RED	9XX
	W103	W103 SP2	M81714/65–22–1	IN–LINE JUNCTION, SPLICE	9XX
	W103	W103 SP3	M81714/65–22–1	IN–LINE JUNCTION, SPLICE	9XX
	W103	W103 SP4	M81714/65–22–1	IN–LINE JUNCTION, SPLICE	9XX
	W103	W103 SP5	M81714/65–22–1	IN–LINE JUNCTION, SPLICE	9XX

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W103	W103 SP6	M81714/65–22–1	IN–LINE JUNCTION, SPLICE	9XX
	W103	W103 SP7	M81714/65–22–1	IN–LINE JUNCTION, SPLICE	9XX
	W103	W103 SP8	M81714/65–22–1	IN–LINE JUNCTION, SPLICE	9XX
	W103	W103 SP9	M81714/65–22–1	IN–LINE JUNCTION, SPLICE	9XX
	W103	W103 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W103	W103 TMS1	MHS5189–1091	SLEEVE, MARKER, CABLE, .093 INCH	9XX
	W103	W103 TMS2	MHS5189–1121	SLEEVE, MARKER, CABLE, .125 INCH	9XX
	W103	W103 TMS3	MHS5189–1181	SLEEVE, MARKER, CABLE, .187 INCH	9XX
	W103	W103 TMS4	MHS5189–1501	SLEEVE, MARKER, CABLE, .475 INCH	9XX
	W105	W105 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W105	W105 MRK2	MHS4910–1001	MARKER, CABLE	9XX
	W105	W105 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W105	W105 TMS1	MHS5189–1501	SLEEVE, MARKER, CABLE, .475 INCH	9XX
	W106	P1	900C3010060–101	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	9XX
	W106	P140	MHS5650–4001–P	MODULE, SEALED PIN, 9 POSITION	9XX
	W106	P140	MHS5650–4003–P	MODULE, SEALED PIN, 16 POSITION	9XX
	W106	W106 BRD1	MHS5330–1039	SLEEVING INSULATED, EXPANDABLE, 1/2 INCH DIAMETER	9XX
	W106	W106 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W106	W106 MRK2	MHS4910–1001	MARKER, CABLE	9XX
	W106	W106 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W106	W106 TMS1	MHS5189–1181	SLEEVE, MARKER, CABLE, .187 INCH	9XX
	W107	P1	900C3010060–101	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	9XX
	W107	P143	MHS5330–1539	SLEEVING, EXPANDABLE, 1/2 INCH, FRAY RESISTANT	9XX
	W107	P143	MHS5659MG41PN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W107	P143	M85049/39S21W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	9XX
	W107	W107 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W107	W107 MRK2	MHS4910–1001	MARKER, CABLE	9XX
	W107	W107 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W107	W107 TMS1	MHS5189–1181	SLEEVE, MARKER, CABLE, .187 INCH	9XX
	W108	P1	MHS5188–9280	BOOT, ELECTRICAL CONNECTOR, HEAT–SHRINKABLE, STRAIGHT	9XX
	W108	P1	MHS5330–1539	SLEEVING, EXPANDABLE, 1/2 INCH, FRAY RESISTANT	9XX
	W108	P1	M85049/31–20W	CONNECTOR, ELECTRICAL, BACKSHELL, STRAIGHT	9XX
	W108	P1	MS3476L20–41S	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	9XX
	W108	P140	MHS5330–1539	SLEEVING, EXPANDABLE, 1/2 INCH, FRAY RESISTANT	9XX
	W108	P140	MHS5650–4003–P	MODULE, SEALED PIN, 16 POSITION	9XX
	W108	W108 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W108	W108 MRK2	MHS4910–1001	MARKER, CABLE	9XX
	W108	W108 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W108	W108 TMS1	MHS5189–1181	SLEEVE, MARKER, CABLE, .187 INCH	9XX
	W109	P1	MHS5188–9280	BOOT, ELECTRICAL CONNECTOR, HEAT–SHRINKABLE, STRAIGHT	9XX
	W109	P1	MHS5330–1539	SLEEVING, EXPANDABLE, 1/2 INCH, FRAY RESISTANT	9XX

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W109	P1	M85049/31–20W	CONNECTOR, ELECTRICAL, BACKSHELL, STRAIGHT	9XX
	W109	P1	MS3476L20–41S	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	9XX
	W109	P141	MHS5330–1539	SLEEVING, EXPANDABLE, 1/2 INCH, FRAY RESISTANT	9XX
	W109	P141	MHS5659MG41PN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W109	P141	M85049/38S21W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W109	W109 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W109	W109 MRK2	MHS4910–1001	MARKER, CABLE	9XX
	W109	W109 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W111	J148	MHS5650–4003–S	MODULE, SEALED SOCKET, 16 POSITION	9XX
	W111	J151	MHS5862–1	CONNECTOR, AUDIO, JACK, 4 POSITION CONTACTS	9XX
	W111	J152	MHS5862–1	CONNECTOR, AUDIO, JACK, 4 POSITION CONTACTS	9XX
	W111	J157	MHS5647MJ24SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	9XX
	W111	J157	M85049/38S25W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W111	J159	MS3110F10–6S	CONNECTOR, RECEPTACLE, ELECTRICAL, WALL MOUNT, SOL	9XX
	W111	J159 SP1	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	9XX
	W111	J159 SP2	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	9XX
	W111	J159 SP3	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	9XX
	W111	J159 SP4	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	9XX
	W111	J201	MS3110F10–6S	CONNECTOR, RECEPTACLE, ELECTRICAL, WALL MOUNT, SOL	9XX
	W111	P120	MHS5650–067P	PLUG, HOUSING, 6 POSITION	9XX
	W111	P120	MHS5650–4001–P	MODULE, SEALED PIN, 9 POSITION	9XX
	W111	P120	MHS5650–4005–P	MODULE, SEALED PIN, 4 POSITION	9XX
	W111	P120	MHS5650–5300	ADAPTER, EMI, W/STRAIN RELIEF, 3 POSITION	9XX
	W111	W111 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W111	W111 MRK2	MHS4910–1001	MARKER, CABLE	9XX
	W111	W111 SP1	M81714/65–22–1	IN–LINE JUNCTION, SPLICE	9XX
	W111	W111 SP2	M81714/65–22–1	IN–LINE JUNCTION, SPLICE	9XX
	W111	W111 SP3	M81714/65–20–1	IN–LINE JUNCTION, SPLICE	9XX
	W111	W111 SP4	M81714/65–20–1	IN–LINE JUNCTION, SPLICE	9XX
	W111	W111 SP5	M81714/65–20–1	IN–LINE JUNCTION, SPLICE	9XX
	W111	W111 SP6	M81714/65–20–1	IN–LINE JUNCTION, SPLICE	9XX
	W111	W111 SP7	M81714/65–20–1	IN–LINE JUNCTION, SPLICE	9XX
	W111	W111 SP8	M81714/65–20–1	IN–LINE JUNCTION, SPLICE	9XX
	W111	W111 SP9	M81714/65–20–2	SPLICE, IN–LINE, DOUBLE UNIT	9XX
	W111	W111 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W111	W111 TMS1	MHS5189–1181	SLEEVE, MARKER, CABLE, .187 INCH	9XX
	W115	J143	MHS5647MG41SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	9XX
	W115	J143	M85049/38S21W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W115	P145	MHS5650–4001–P	MODULE, SEALED PIN, 9 POSITION	9XX
	W115	P145	MHS5650–4003–P	MODULE, SEALED PIN, 16 POSITION	9XX
	W115	W115 MRK1	MHS4910–1002	MARKER, CABLE	9XX

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W115	W115 MRK2	MHS4910–1001	MARKER, CABLE	9XX
	W115	W115 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W115	W115 TMS1	MHS5189–1181	SLEEVE, MARKER, CABLE, .187 INCH	9XX
	W117	J141	MHS5647MG41SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	9XX
	W117	J141	M85049/38S21W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W117	P145	MHS5650–067P	PLUG, HOUSING, 6 POSITION	9XX
	W117	P145	MHS5650–4003–P	MODULE, SEALED PIN, 16 POSITION	9XX
	W117	P145	MHS5650–5300	ADAPTER, EMI, W/STRAIN RELIEF, 3 POSITION	9XX
	W117	W117 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W117	W117 MRK2	MHS4910–1001	MARKER, CABLE	9XX
	W117	W117 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W121	W121 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W121	W121 MRK2	MHS4910–1001	MARKER, CABLE	00010–00034
	W121	W121 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	00010–00034
	W121	W121 TMS1	MHS5189–1501	SLEEVE, MARKER, CABLE, .475 INCH	9XX
	W122	J301	D38999/20JB35PN	CONNECTOR, RECEPTACLE, ELECTRICAL, WALL MOUNT FLANGE	902
	W122	J301	MHS5647MB35PN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	900
	W122	J301	MHS5842ZS1103L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	900
	W122	J301	M85049/38S11W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	902
	W122	J301	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	900
	W122	J301	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	902
	W122	J400	D38999/20JD18SN	CONNECTOR, RECEPTACLE, ELECTRICAL, WALL MOUNT, FLANGE, SER III, COMPOSITE	902
	W122	J400	MHS5647MD18SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	900
	W122	J400	MHS5842ZS1505L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	900
	W122	J400	MHS5842ZS1505L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	902
	W122	J400	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	900
	W122	J400	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	902
	W122	P103	D38999/26JF35SA	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	902
	W122	P103	MHS5330–1539	SLEEVING, EXPANDABLE, 1/2 INCH, FRAY RESISTANT	900
	W122	P103	MHS5330–1539	SLEEVING, EXPANDABLE, 1/2 INCH, FRAY RESISTANT	902
	W122	P103	MHS5659MF35SA	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	900
	W122	P103	MHS5842ZS1907F	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	900
	W122	P103	MHS5842ZS1907F	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	902
	W122	P103	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	902
	W122	P103	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	900
	W122	P105	D38999/26JG41SA	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W122	P105	MHS5330–1539	SLEEVING, EXPANDABLE, 1/2 INCH, FRAY RESISTANT	900
	W122	P105	MHS5330–1539	SLEEVING, EXPANDABLE, 1/2 INCH, FRAY RESISTANT	902

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W122	P105	MHS5659MG41SA	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	900
	W122	P105	MHS5842ZS2108F	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	900
	W122	P105	MHS5842ZS2108F	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	902
	W122	P105 SP1	M81824/1–1	SPLICE, ELECTRICAL, CRIMP, INSULATED, RED	9XX
	W122	P105 SP2	M81824/1–1	SPLICE, ELECTRICAL, CRIMP, INSULATED, RED	9XX
	W122	P150	D38999/26JD18SN	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W122	P150	MHS5659MD18SN	CONNECTOR, ELECTRICAL, PLUG, COMPOSITE	900
	W122	P150	MHS5842ZS1503L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	900
	W122	P150	M85049/38S15W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	902
	W122	P150	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	900
	W122	P150	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	902
	W122	P150 SP1	M81824/1–1	SPLICE, ELECTRICAL, CRIMP, INSULATED, RED	902
	W122	P150 SP2	M81824/1–1	SPLICE, ELECTRICAL, CRIMP, INSULATED, RED	902
	W122	P153	D38999/26JC35SN	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W122	P153	MHS5659MC35SN	CONNECTOR, ELECTRICAL, PLUG, COMPOSITE	900
	W122	P153	MHS5842ZS1304L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	900
	W122	P153	MHS5842ZS1304L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	902
	W122	P153	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	900
	W122	P153	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	902
	W122	P153 SP1	MHS4946–58	SPLICE, CONDUCTOR, SEALED, CRIMP, BLUE	9XX
	W122	P153 SP2	MHS4946–58	SPLICE, CONDUCTOR, SEALED, CRIMP, BLUE	9XX
	W122	P170	D38999/26JJ35SN	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W122	P170	MHS5659MJ35SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	900
	W122	P170	MHS5842ZS2509L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	900
	W122	P170	MHS5842ZS2509L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	902
	W122	P342	M85049/52S12W	CONNECTOR, BACKSHELL, ELECTRICAL, SELF–LOCKING	9XX
	W122	P342	MS3459L12S–3S	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	9XX
	W122	P342 SP1	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	9XX
	W122	P362	D38999/26JH53SA	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	902
	W122	P362	MHS5659MH53SA	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	900
	W122	P362	MHS5842ZR2306L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, 90 DEGREE	900
	W122	P362	MHS5842ZR2306L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, 90 DEGREE	902
	W122	P362 R1	RLR07C4991FS	RESISTOR, 4.99K, .25 WATT, 1%	902
	W122	P362 SP1	M81824/1–1	SPLICE, ELECTRICAL, CRIMP, INSULATED, RED	902
	W122	P376	D38999/26JE26PN	CONNECTOR, ELECTRICAL, PLUG, COMPOSITE	902
	W122	P376	MHS5659ME26PN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	900
	W122	P376	MHS5842ZL1704L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, 90 DEGREE	900
	W122	P376	MHS5842ZL1704L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, 90 DEGREE	902
	W122	P376	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	900
	W122	P376	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	902

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W122	W122 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W122	W122 MRK2	MHS4910–1001	MARKER, CABLE	9XX
	W122	W122 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W123	J137	MS3181–8RA	DUST CAP, METAL–WITH CHAIN	9XX
	W123	J137	PT00CE8–2S	CONNECTOR, ELECTRICAL, BULKHEAD MOUNTED	9XX
	W123	J139	D38999/20JB35SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	902
	W123	J139	D38999/33W11R	DUST CAP	900
	W123	J139	D38999/33W11R	DUST CAP	902
	W123	J139	MHS5647MB35SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	900
	W123	J139	MHS5842ZL1103L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, 90 DEGREE	902
	W123	J139	M85049/39S11W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	900
	W123	J139	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	902
	W123	J139	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	900
	W123	J139 SP1	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	9XX
	W123	J155	D38999/20JJ4SN	CONNECTOR, RECEPTACLE, ELECTRICAL, STRAIGHT	902
	W123	J155	MHS5647MJ4SN	CONNECTOR, RECEPTACLE, ELECTRICAL, COMPOSITE	900
	W123	J155	M85049/39S25W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	900
	W123	J155	M85049/39S25W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	902
	W123	J157	D38999/20JD35SN	CONNECTOR, ELECTRICAL, CIRCULAR, RECEPTACLE, WALL MOUNT FLANGE, SER III COMPOSITE	902
	W123	J157	MHS5647MD35SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	900
	W123	J157	MHS5842ZR1505L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, 90 DEGREE	900
	W123	J157	MHS5842ZR1505L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, 90 DEGREE	902
	W123	J157	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	900
	W123	J157	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	902
	W123	J303	D38999/20JB35PN	CONNECTOR, RECEPTACLE, ELECTRICAL, WALL MOUNT FLANGE	902
	W123	J303	MHS5647MB35PN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	900
	W123	J303	MHS5842ZS1103L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	900
	W123	J303	MHS5842ZS1103L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	902
	W123	J303	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	900
	W123	J303	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	902
	W123	J401	D38999/20JD18SA	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	902
	W123	J401	MHS5647MD18SA	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	900
	W123	J401	MHS5842ZS1505L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	900
	W123	J401	MHS5842ZS1505L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	902
	W123	J401	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	900
	W123	J401	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	902

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W123	P102	D38999/26JF35SN	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W123	P102	MHS5330–1539	SLEEVING, EXPANDABLE, 1/2 INCH, FRAY RESISTANT	900
	W123	P102	MHS5330–1539	SLEEVING, EXPANDABLE, 1/2 INCH, FRAY RESISTANT	902
	W123	P102	MHS5659MF35SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	900
	W123	P102	MHS5842ZS1907F	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	900
	W123	P102	MHS5842ZS1907F	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	902
	W123	P104	D38999/26JG41SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	902
	W123	P104	MHS5330–1539	SLEEVING, EXPANDABLE, 1/2 INCH, FRAY RESISTANT	900
	W123	P104	MHS5330–1539	SLEEVING, EXPANDABLE, 1/2 INCH, FRAY RESISTANT	902
	W123	P104	MHS5659MG41SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	900
	W123	P104	MHS5842ZS2108F	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	900
	W123	P104	MHS5842ZS2108F	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	902
	W123	P104 SP1	M81824/1–1	SPLICE, ELECTRICAL, CRIMP, INSULATED, RED	9XX
	W123	P104 SP2	M81824/1–1	SPLICE, ELECTRICAL, CRIMP, INSULATED, RED	9XX
	W123	P107	D38999/26JD35PA	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	902
	W123	P107	MHS5330–1539	SLEEVING, EXPANDABLE, 1/2 INCH, FRAY RESISTANT	900
	W123	P107	MHS5330–1539	SLEEVING, EXPANDABLE, 1/2 INCH, FRAY RESISTANT	902
	W123	P107	MHS5659MD35PA	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	900
	W123	P107	MHS5842ZS1505F	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	900
	W123	P107	MHS5842ZS1505F	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	902
	W123	P111	M83723/75R803N	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	9XX
	W123	P111	M85049/52S8W	CONNECTOR, BACKSHELL, ELECTRICAL, SELF–LOCKING	9XX
	W123	P111 SP1	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	9XX
	W123	P133	D38999/26JE99SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W123	P133	M85049/38S17W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W123	P171	D38999/26JJ35SA	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W123	P171	MHS5659MJ35SA	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	900
	W123	P171	MHS5842ZS2509L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	900
	W123	P171	MHS5842ZS2509L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	902
	W123	P171	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	900
	W123	P171	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	902
	W123	P176	D38999/26WB99SN	CONNECTOR, PLUG, ELECTRICAL	9XX
	W123	P176	M85049/38S11W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W123	P343	M85049/52S12W	CONNECTOR, BACKSHELL, ELECTRICAL, SELF–LOCKING	9XX
	W123	P343	MS3459L12S–3S	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	9XX
	W123	P343 SP1	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	9XX
	W123	P363	D38999/26JH53SA	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	902
	W123	P363	MHS5659MH53SA	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	900
	W123	P363	MHS5842ZR2306L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, 90 DEGREE	900
	W123	P363	MHS5842ZR2306L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, 90 DEGREE	902
	W123	P363 R1	RLR07C4991FS	RESISTOR, 4.99K, .25 WATT, 1%	902

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W123	P363 SP1	M81824/1–1	SPLICE, ELECTRICAL, CRIMP, INSULATED, RED	902
	W123	P377	D38999/26JG41PN	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, SER III, COMPOSITE	902
	W123	P377	MHS5659MG41PN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	900
	W123	P377	MHS5842ZL2105L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, LOW PROFILE	900
	W123	P377	MHS5842ZL2105L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, LOW PROFILE	902
	W123	P381	D38999/26JE6PN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	902
	W123	P381	MHS5659ME6PN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	900
	W123	P381	M85049/39S17W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	900
	W123	P381	M85049/39S17W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	902
	W123	W123 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W123	W123 MRK2	MHS4910–1001	MARKER, CABLE	9XX
	W123	W123 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W124	A650 SP1	M81714/65–20–1	IN–LINE JUNCTION, SPLICE	00010–00014
	W124	DS301 SP1	M81714/65–22–1	IN–LINE JUNCTION, SPLICE	00015–00024
	W124	DS301 SP1	M81714/65–22–2	SPLICE, IN–LINE, DOUBLE UNIT	00025–00034
	W124	DS301 SP2	M81714/65–22–2	SPLICE, IN–LINE, DOUBLE UNIT	00015–00024
	W124	J118	D38999/20JE35SN	CONNECTOR, ELECTRICAL, CIRCULAR, RECEPTACLE, WALL MOUNT FLANGE, SER III COMPOSITE	902
	W124	J118	MHS5647ME35SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	900
	W124	J118	M85049/38S17W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	900
	W124	J118	M85049/38S17W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	902
	W124	J120	D38999/20JF35SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	902
	W124	J120	MHS5647MD35SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	00010–00011
	W124	J120	MHS5647MF35SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	00012–00051
	W124	J120	MHS5842ZS1504L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	00010–00011
	W124	J120	M85049/38S19W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	00012–00051
	W124	J120	M85049/38S19W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	902
	W124	J120	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	00010–00011
	W124	J125	D38999/20JA98SN	CONNECTOR, ELECTRICAL, CIRCULAR, RECEPTACLE, WALL MOUNT FLANGE, SER III COMPOSITE	902
	W124	J125	MHS5647MA98SN	CONNECTOR, ELECTRICAL, BULKHEAD MOUNTED	00015–00051
	W124	J125	M85049/39S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	00015–00051
	W124	J125	M85049/39S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	902
	W124	J142	D38999/20JC35SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	902
	W124	J142	MHS5647MC35SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	900
	W124	J142	MHS5842ZS1303L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	900
	W124	J142	MHS5842ZS1303L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	902
	W124	J142	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	900

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W124	J142	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	902
	W124	J309	D38999/20JE26SN	CONNECTOR, RECEPTACLE, ELECTRICAL, COMPOSITE	902
	W124	J309	MHS5647MD18SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	00010–00011
	W124	J309	MHS5647ME26SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	00012–00051
	W124	J309	MHS5842ZS1503L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	00010–00011
	W124	J309	MHS5842ZS1706L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	00012–00051
	W124	J309	MHS5842ZS1706L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	902
	W124	J309	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	00010–00011
	W124	J474	900P3690106–101	CONNECTOR, RECEPTACLE, ELECTRICAL, STRAIGHT	9XX
	W124	J475	900P3690106–101	CONNECTOR, RECEPTACLE, ELECTRICAL, STRAIGHT	9XX
	W124	J476	900P3690106–101	CONNECTOR, RECEPTACLE, ELECTRICAL, STRAIGHT	9XX
	W124	J477	900P3690106–101	CONNECTOR, RECEPTACLE, ELECTRICAL, STRAIGHT	9XX
	W124	P114	MS3126F10–6S	PLUG, ELECTRICAL, STRAIGHT, WITH STRAIN RELIEF	9XX
	W124	P115	D38999/26JD19PN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	902
	W124	P115	MHS5659MD19PN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	900
	W124	P115	M85049/38S15W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	900
	W124	P115	M85049/38S15W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	902
	W124	P116	D38999/26JG39SN	CONNECTOR, ELECTRICAL, PLUG, COMPOSITE	902
	W124	P116	MHS5330–1531	SLEEVING, EXPANDABLE, 1/4 INCH, FRAY RESISTANT	900
	W124	P116	MHS5330–1531	SLEEVING, EXPANDABLE, 1/4 INCH, FRAY RESISTANT	902
	W124	P116	MHS5659MG39SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	900
	W124	P116	M85049/38S21W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	900
	W124	P116	M85049/38S21W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	902
	W124	P117	D38999/26JE26SN	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W124	P117	MHS5659ME26SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	900
	W124	P117	M85049/38S17W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	900
	W124	P117	M85049/38S17W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	902
	W124	P122	MHS5565A9002	MODULE, 10 POSITION, 22 AWG, SOCKET	9XX
	W124	P122	MHS5565B9006	MODULE, 4 POSITION, 2–22 AWG, 2–16 AWG, SOCKET	9XX
	W124	P124	D38999/26JE99SA	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	902
	W124	P124	MHS5330–1531	SLEEVING, EXPANDABLE, 1/4 INCH, FRAY RESISTANT	900
	W124	P124	MHS5330–1531	SLEEVING, EXPANDABLE, 1/4 INCH, FRAY RESISTANT	902
	W124	P124	MHS5659ME99SA	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	900
	W124	P124	MHS5842ZS1704L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	900
	W124	P124	M85049/38S17W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	902
	W124	P126	D38999/26JD18SA	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W124	P126	MHS5659MD18SA	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	900
	W124	P126	M85049/38S15W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	900
	W124	P126	M85049/38S15W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	902

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W124	P128	MHS5330–1531	SLEEVING, EXPANDABLE, 1/4 INCH, FRAY RESISTANT	9XX
	W124	P128	M83723/86W20286	CONNECTOR, PLUG, ELECTRICAL	9XX
	W124	P128	M85049/52S20W	CONNECTOR, BACKSHELL, ELECTRICAL, SELF–LOCKING	9XX
	W124	P133	D38999/26WB98PN	CONNECTOR	00012–99999
	W124	P133	M85049/38S11W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	00012–99999
	W124	P144	D38999/26JA35SN	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W124	P144	MHS5659MA35SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	900
	W124	P144	MHS5842ZS0902L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	900
	W124	P144	MHS5842ZS0902L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	902
	W124	P146	D38999/26JA35SN	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W124	P146	MHS5659MA35SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	900
	W124	P146	MHS5842ZS0902L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	900
	W124	P146	MHS5842ZS0902L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	902
	W124	P156	D38999/26WH53SN	ELECTRICAL CONNECTOR, PLUG	00012–00014
	W124	P156	D38999/26WH53SN	ELECTRICAL CONNECTOR, PLUG	00015–99999
	W124	P156	MHS5330–1539	SLEEVING, EXPANDABLE, 1/2 INCH, FRAY RESISTANT	00015–99999
	W124	P156	MHS5471–1021	SOLDER SLEEVE	00015–99999
	W124	P156	MHS5658ZR2311A	BACKSHELL, BRAID SHIELD, SELF–LOCKING, 90 DEGREE	00015–99999
	W124	P156	MHS5842ZL2306L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, LOW PROFILE	00012–00014
	W124	P156	QQB575R36T0500	BRAID, WIRE, TUBULAR, 1/2 INCH DIAMETER.	00015–99999
	W124	P156 SP1	M81824/1–1	SPLICE, ELECTRICAL, CRIMP, INSULATED, RED	00012–99999
	W124	P158	MHS5330–1539	SLEEVING, EXPANDABLE, 1/2 INCH, FRAY RESISTANT	00015–99999
	W124	P158	MHS5471–1012	SOLDER SLEEVE	00015–99999
	W124	P158	MHS5658WS1004A	BACKSHELL, BRAID SHIELD, SELF–LOCKING, STRAIGHT	00015–99999
	W124	P158	M85049/52S10W	CONNECTOR, BACKSHELL, ELECTRICAL, SELF–LOCKING	00012–00014
	W124	P158	MS3476W10–6S	CONNECTOR, ELECTRICAL, PLUG	00012–00014
	W124	P158	MS3476W10–6S	CONNECTOR, ELECTRICAL, PLUG	00015–99999
	W124	P158	QQB575R36T0375	BRAID, WIRE, TUBULAR, 3/8 INCH DIAMETER.	00015–99999
	W124	P160	D38999/26JC98SN	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W124	P160	MHS5659MC98SN	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT, COMPOSITE	900
	W124	P160	M85049/39S13W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	900
	W124	P160	M85049/39S13W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	902
	W124	P162	MHS5330–1539	SLEEVING, EXPANDABLE, 1/2 INCH, FRAY RESISTANT	00015–99999
	W124	P162	MHS5471–1012	SOLDER SLEEVE	00015–99999
	W124	P162	MHS5658WR1207A	BACKSHELL, BRAID SHIELD, 90 DEGREE SELF–LOCKING	00015–99999
	W124	P162	M85049/51S12W	CONNECTOR, BACKSHELL, ELECTRICAL, SELF–LOCKING	00012–00014
	W124	P162	MS3476L12–10S	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	00012–00014
	W124	P162	MS3476L12–10S	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	00015–99999
	W124	P162	QQB575R36T0375	BRAID, WIRE, TUBULAR, 3/8 INCH DIAMETER.	00015–99999
	W124	P162 SP1	M81824/1–1	SPLICE, ELECTRICAL, CRIMP, INSULATED, RED	00012–99999

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W124	P172	D38999/26JJ35SC	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W124	P172	MHS5659MJ35SC	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	900
	W124	P172	MHS5842ZS2508L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	900
	W124	P172	MHS5842ZS2508L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	902
	W124	P174	D38999/26JE99SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	902
	W124	P174	MHS5659ME99SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	900
	W124	P174	M85049/38S17W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	900
	W124	P174	M85049/38S17W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	902
	W124	P340	D38999/26JJ4SN	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W124	P340	MHS5659MJ4SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	900
	W124	P340	MHS5842ZS2506L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	900
	W124	P340	MHS5842ZS2506L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	902
	W124	P350	D38999/26JA98SN	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W124	P350	MHS5659MA98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	900
	W124	P350	M85049/39S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	900
	W124	P350	M85049/39S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	902
	W124	P352	D38999/26WC8SN	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	9XX
	W124	P352	M85049/39S13W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	9XX
	W124	P357	MHS5842WS1002L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	9XX
	W124	P357	MS3459L10SL–3P	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT, SELF–LOCK	9XX
	W124	P358	M85049/52S10W	CONNECTOR, BACKSHELL, ELECTRICAL, SELF–LOCKING	00010–00011
	W124	P358	M85049/52S10W	CONNECTOR, BACKSHELL, ELECTRICAL, SELF–LOCKING	00012–99999
	W124	P358	MS3459L10SL–3S	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT, SELF–LOCK	00010–00011
	W124	P358	MS3459L10SL–4S	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	00012–99999
	W124	P358	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	00010–00011
	W124	P359	MHS5842WS1002L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	9XX
	W124	P359	MS3459L10SL–3P	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT, SELF–LOCK	9XX
	W124	P370	D38999/26JC98SN	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W124	P370	MHS5659MC98SN	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT, COMPOSITE	900
	W124	P370	M85049/38S13W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	900
	W124	P370	M85049/38S13W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	902
	W124	P370	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	900
	W124	P370	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	902
	W124	P371	D38999/26JC98SN	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W124	P371	MHS5659MC98SN	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT, COMPOSITE	900
	W124	P371	M85049/38S13W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	900
	W124	P371	M85049/38S13W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	902
	W124	P371	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	900
	W124	P371	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	902

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W124	P372	D38999/26JC98SN	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W124	P372	MHS5659MC98SN	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT, COMPOSITE	900
	W124	P372	M85049/38S13W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	900
	W124	P372	M85049/38S13W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	902
	W124	P372	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	900
	W124	P372	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	902
	W124	P374	D38999/26JE35PN	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W124	P374	MHS5659ME35PN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	900
	W124	P374	MHS5842ZL1705L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, LOW PROFILE	900
	W124	P374	MHS5842ZL1705L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, LOW PROFILE	902
	W124	P378	D38999/26JD97PN	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W124	P378	MHS5659MD97PN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	900
	W124	P378	MHS5842ZL1504L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, 90 DEGREE	900
	W124	P378	MHS5842ZL1504L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, 90 DEGREE	902
	W124	P378	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	900
	W124	P378	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	902
	W124	P410	M85049/51S8W	CONNECTOR, BACKSHELL, ELECTRICAL, SELF–LOCKING	9XX
	W124	P410	MS3476L8–98S	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	9XX
	W124	P410	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	9XX
	W124	W124 CR1	1N914	DIODE	00015–00034
	W124	W124 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W124	W124 MRK2	MHS4910–1001	MARKER, CABLE	00010–00011
	W124	W124 MRK2	MHS4910–1001	MARKER, CABLE	00012–00014
	W124	W124 MRK2	MHS4910–1001	MARKER, CABLE	00015–99999
	W124	W124 R1	RLR20C2432FS	RESISTOR, 25K, .25 WATT	00012–99999
	W124	W124 R2	RH50–33OHM–1PCT	RESISTOR, WIREWOUND, 50 WATT, 33 OHM	00012–00027
	W124	W124 R3	RH50–33OHM–1PCT	RESISTOR, WIREWOUND, 50 WATT, 33 OHM	00015–00027
	W124	W124 SP1	M81824/1–1	SPLICE, ELECTRICAL, CRIMP, INSULATED, RED	9XX
	W124	W124 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W125	DS3 SP1	M81714/65–20–1	IN–LINE JUNCTION, SPLICE	00010–00024
	W125	DS3 SP2	M81714/65–20–1	IN–LINE JUNCTION, SPLICE	00010–00024
	W125	DS4 SP1	M81714/65–20–1	IN–LINE JUNCTION, SPLICE	9XX
	W125	DS4 SP2	M81714/65–20–1	IN–LINE JUNCTION, SPLICE	9XX
	W125	DS5 SP1	M81714/65–22–1	IN–LINE JUNCTION, SPLICE	00010–00024
	W125	DS5 SP1	M81714/65–22–2	SPLICE, IN–LINE, DOUBLE UNIT	00025–99999
	W125	DS5 SP2	M81714/65–22–1	IN–LINE JUNCTION, SPLICE	00010–00024
	W125	DS5 SP3	M81714/65–22–2	SPLICE, IN–LINE, DOUBLE UNIT	00010–00024
	W125	DS6 SP1	M81714/65–22–1	IN–LINE JUNCTION, SPLICE	00010–00024
	W125	DS6 SP2	M81714/65–22–1	IN–LINE JUNCTION, SPLICE	00010–00024

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W125	J113	M85049/52S14W	CONNECTOR, BACKSHELL, ELECTRICAL, SELF–LOCKING	9XX
	W125	J113	MS25043–14DA	DUST CAP, WITH CHAIN	9XX
	W125	J113	MS3450W14S–5S	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD	9XX
	W125	J113 SP1	M81824/1–1	SPLICE, ELECTRICAL, CRIMP, INSULATED, RED	9XX
	W125	J135	MS3181–8RA	DUST CAP, METAL–WITH CHAIN	9XX
	W125	J135	PT00CE8–2S	CONNECTOR, ELECTRICAL, BULKHEAD MOUNTED	9XX
	W125	J141	D38999/20MF35SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	00045–99999
	W125	J141	MHS5647MD35SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	00010–00011
	W125	J141	MHS5647MF35SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	00012–00044
	W125	J141	MHS5842ZS1504L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	00010–00011
	W125	J141	M85049/38S19W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	00012–00044
	W125	J141	M85049/38S19W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	00045–99999
	W125	J143	D38999/20MC35SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	00045–99999
	W125	J143	MHS5647MC35SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	00010–00044
	W125	J143	MHS5842ZS1303L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	00010–00044
	W125	J143	MHS5842ZS1303L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	00045–99999
	W125	J151	MHS5330–1531	SLEEVING, EXPANDABLE, 1/4 INCH, FRAY RESISTANT	9XX
	W125	J151	MHS5862–1	CONNECTOR, AUDIO, JACK, 4 POSITION CONTACTS	9XX
	W125	J152	MHS5330–1531	SLEEVING, EXPANDABLE, 1/4 INCH, FRAY RESISTANT	9XX
	W125	J152	MHS5862–1	CONNECTOR, AUDIO, JACK, 4 POSITION CONTACTS	9XX
	W125	J159	MHS5330–1531	SLEEVING, EXPANDABLE, 1/4 INCH, FRAY RESISTANT	9XX
	W125	J159	MS3110F10–6S	CONNECTOR, RECEPTACLE, ELECTRICAL, WALL MOUNT, SOL	9XX
	W125	J201	MS3110F10–6S	CONNECTOR, RECEPTACLE, ELECTRICAL, WALL MOUNT, SOL	9XX
	W125	J302	D38999/20MB35SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	00045–99999
	W125	J302	MHS5647MB35SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	00010–00044
	W125	J302	M85049/38S11W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	00010–00044
	W125	J302	M85049/38S11W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	00045–99999
	W125	J302	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	00010–00044
	W125	J302	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	00045–99999
	W125	J315	D38999/20MD18SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	00045–99999
	W125	J315	MHS5647MD18SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	00012–00044
	W125	J315	M85049/38S15W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	00012–00044
	W125	J315	M85049/38S15W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	00045–99999
	W125	J390	D38999/20MC98SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	00045–99999
	W125	J390	MHS5647MC98SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	00010–00044

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W125	J390	MHS5842ZS1303L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	00010–00044
	W125	J390	MHS5842ZS1303L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	00045–99999
	W125	J473	900P3690106–101	CONNECTOR, RECEPTACLE, ELECTRICAL, STRAIGHT	9XX
	W125	J479	900P3690106–101	CONNECTOR, RECEPTACLE, ELECTRICAL, STRAIGHT	9XX
	W125	J600	ABC13C–7000	CONNECTOR, SHELL, RECEPTACLE, ELECTRICAL, 1 INCH	9XX
	W125	J600	MHS5565A9002	MODULE, 10 POSITION, 22 AWG, SOCKET	9XX
	W125	J600	MHS5565B9006	MODULE, 4 POSITION, 2–22 AWG, 2–16 AWG, SOCKET	9XX
	W125	J600 SP1	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	9XX
	W125	J600 SP2	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	9XX
	W125	P100	M83723/76W2028N	CONNECTOR, ELECTRICAL, PLUG	00045–99999
	W125	P100	M85049/52S20W	CONNECTOR, BACKSHELL, ELECTRICAL, SELF–LOCKING	00045–99999
	W125	P119	ABC16C–7000	CONNECTOR, SHELL, PLUG, ELECTRICAL, 1 INCH	9XX
	W125	P119	MHS5565A9002	MODULE, 10 POSITION, 22 AWG, SOCKET	9XX
	W125	P119	MHS5565B9006	MODULE, 4 POSITION, 2–22 AWG, 2–16 AWG, SOCKET	9XX
	W125	P120	D38999/26MD19PA	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	00045–99999
	W125	P120	MHS5659MD19PA	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	00010–00044
	W125	P120	M85049/38S15W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	00010–00044
	W125	P120	M85049/38S15W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	00045–99999
	W125	P121	D38999/26MD18SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	00045–99999
	W125	P121	MHS5659MD18SN	CONNECTOR, ELECTRICAL, PLUG, COMPOSITE	00010–00044
	W125	P121	M85049/39S15W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	00010–00044
	W125	P121	M85049/39S15W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	00045–99999
	W125	P129	D38999/26MG39SA	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	00045–99999
	W125	P129	MHS5330–1531	SLEEVING, EXPANDABLE, 1/4 INCH, FRAY RESISTANT	00010–00044
	W125	P129	MHS5330–1531	SLEEVING, EXPANDABLE, 1/4 INCH, FRAY RESISTANT	00045–99999
	W125	P129	MHS5659MG39SA	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	00010–00044
	W125	P129	M85049/38S21W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	00010–00044
	W125	P129	M85049/38S21W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	00045–99999
	W125	P130	D38999/26ME99SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	00045–99999
	W125	P130	MHS5330–1531	SLEEVING, EXPANDABLE, 1/4 INCH, FRAY RESISTANT	00010–00044
	W125	P130	MHS5330–1531	SLEEVING, EXPANDABLE, 1/4 INCH, FRAY RESISTANT	00045–99999
	W125	P130	MHS5659ME99SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	00010–00044
	W125	P130	MHS5842ZS1705L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	00010–00044
	W125	P130	M85049/38S17W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	00045–99999
	W125	P131	MHS5330–1531	SLEEVING, EXPANDABLE, 1/4 INCH, FRAY RESISTANT	9XX
	W125	P131	M83723/86W2028N	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	9XX
	W125	P131	M85049/52S20W	CONNECTOR, BACKSHELL, ELECTRICAL, SELF–LOCKING	9XX
	W125	P159	D38999/26WH53SN	ELECTRICAL CONNECTOR, PLUG	00012–00014
	W125	P159	D38999/26WH53SN	ELECTRICAL CONNECTOR, PLUG	00015–99999
	W125	P159	MHS5330–1539	SLEEVING, EXPANDABLE, 1/2 INCH, FRAY RESISTANT	00015–99999
	W125	P159	MHS5471–1021	SOLDER SLEEVE	00015–99999
	W125	P159	MHS5658ZR2311A	BACKSHELL, BRAID SHIELD, SELF–LOCKING, 90 DEGREE	00015–99999

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W125	P159	MHS5842ZR2306L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, 90 DEGREE	00012–00014
	W125	P159	QQB575R36T0500	BRAID, WIRE, TUBULAR, 1/2 INCH DIAMETER.	00015–99999
	W125	P159 SP1	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	00012–99999
	W125	P163	MHS5330–1539	SLEEVING, EXPANDABLE, 1/2 INCH, FRAY RESISTANT	00012–99999
	W125	P163	MHS5471–1012	SOLDER SLEEVE	00012–99999
	W125	P163	MHS5658WR1207A	BACKSHELL, BRAID SHIELD, 90 DEGREE SELF–LOCKING	00012–99999
	W125	P163	MS3476L12–10S	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	00012–99999
	W125	P163	QQB575R36T0375	BRAID, WIRE, TUBULAR, 3/8 INCH DIAMETER.	00012–99999
	W125	P163 SP1	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	00012–99999
	W125	P165	MHS5330–1539	SLEEVING, EXPANDABLE, 1/2 INCH, FRAY RESISTANT	00015–99999
	W125	P165	MHS5471–1015	SPLICE, SLEEVE, SHIELD TERMINATOR SOLDER, HEAT SHRINK	00015–99999
	W125	P165	MHS5658WS1004A	BACKSHELL, BRAID SHIELD, SELF–LOCKING, STRAIGHT	00015–99999
	W125	P165	M85049/52S10W	CONNECTOR, BACKSHELL, ELECTRICAL, SELF–LOCKING	00012–00014
	W125	P165	MS3476W10–6S	CONNECTOR, ELECTRICAL, PLUG	00012–00014
	W125	P165	MS3476W10–6S	CONNECTOR, ELECTRICAL, PLUG	00015–99999
	W125	P165	QQB575R36T0375	BRAID, WIRE, TUBULAR, 3/8 INCH DIAMETER.	00015–99999
	W125	P173	D38999/26FJ35SB	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	9XX
	W125	P173	MHS5842ZS2509L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	9XX
	W125	P175	D38999/26ME99SA	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	00045–99999
	W125	P175	MHS5659ME99SA	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	00010–00044
	W125	P175	MHS5842ZS1706L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	00010–00044
	W125	P175	MHS5842ZS1706L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	00045–99999
	W125	P341	D38999/26MJ4SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W125	P341	MHS5842ZS2506L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	9XX
	W125	P351	D38999/26MA98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	00045–99999
	W125	P351	MHS5659MA98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	00010–00044
	W125	P351	M85049/39S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	00010–00044
	W125	P351	M85049/39S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	00045–99999
	W125	P351	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	00010–00044
	W125	P353	D38999/26WC8SN	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	9XX
	W125	P353	M85049/39S13W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	9XX
	W125	P355	D38999/26WC8SN	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	900
	W125	P355	M85049/39S13W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	900
	W125	P375	D38999/26MD35PN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	00045–99999
	W125	P375	MHS5659MD35PN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	00010–00044
	W125	P375	M85049/39S15W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	00010–00044
	W125	P375	M85049/39S15W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	00045–99999
	W125	P379	D38999/26MD97PN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	00045–99999
	W125	P379	MHS5659MD97PN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	00010–00044
	W125	P379	M85049/39S15W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	00010–00044
	W125	P379	M85049/39S15W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	00045–99999

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W125	P379	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	00010–00044
	W125	P411	M85049/51S8W	CONNECTOR, BACKSHELL, ELECTRICAL, SELF–LOCKING	9XX
	W125	P411	MS3476L8–98S	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	9XX
	W125	P411	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	9XX
	W125	P600 A	ABC16C–7000	CONNECTOR, SHELL, PLUG, ELECTRICAL, 1 INCH	902
	W125	P600 A	MHS5565A9001	MODULE, 10 POSITION, 22 AWG, PIN	902
	W125	P600 A	MHS5565B9005	MODULE, 4 POSITION, 2–22 AWG, 2–16 AWG, PIN	902
	W125	P600 A-R1	RLR32C1001FS	RESISTOR, FIXED, 1K, 1W	902
	W125	W125 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W125	W125 MRK2	MHS4910–1001	MARKER, CABLE	00010–00011
	W125	W125 MRK2	MHS4910–1001	MARKER, CABLE	00012–99999
	W125	W125 SLV1	MHS5330–1524	SLEEVING, EXPANDABLE, 1/8 INCH, FRAY RESISTANT	00045–99999
	W125	W125 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W126	J1	MS25171–3S	NIPPLE, ELECTRICAL TERMINAL	9XX
	W126	J1	MS3506–1	CONNECTOR, RECEPTACLE, EXTERNAL ELECTRICAL POWER	9XX
	W126	P1	MS25171–3S	NIPPLE, ELECTRICAL TERMINAL	9XX
	W126	P1	MS25182–2	PLUG, ELECTRICAL, AIRCRAFT STORAGE BATTERY	9XX
	W126	SP1	M81714/65–22–1	IN–LINE JUNCTION, SPLICE	00003–99999
	W126	W126 MRK1	MHS4910–1002	MARKER, CABLE	00003–99999
	W126	W126 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	00003–99999
	W126	W126 TMS1	MHS5189–1501	SLEEVE, MARKER, CABLE, .475 INCH	00003–99999
	W127	J119	MHS5565A9001	MODULE, 10 POSITION, 22 AWG, PIN	9XX
	W127	J119	MHS5565B9005	MODULE, 4 POSITION, 2–22 AWG, 2–16 AWG, PIN	9XX
	W127	J222	D38999/20JB35SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	902
	W127	J222	MHS5647MB98SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	900
	W127	J222	MHS5842ZR1102L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, 90 DEGREE	900
	W127	J222	M85049/39S11W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	902
	W127	W127 BRD1	MHS5330–1531	SLEEVING, EXPANDABLE, 1/4 INCH, FRAY RESISTANT	9XX
	W127	W127 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W127	W127 MRK2	MHS4910–1001	MARKER, CABLE	9XX
	W127	W127 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W127	W127 TMS1	MHS5189–1121	SLEEVE, MARKER, CABLE, .125 INCH	9XX
	W128	J122	MHS5565A9001	MODULE, 10 POSITION, 22 AWG, PIN	9XX
	W128	J122	MHS5565B9005	MODULE, 4 POSITION, 2–22 AWG, 2–16 AWG, PIN	9XX
	W128	J223	D38999/20JC98SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	902
	W128	J223	MHS5647MC98SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	900
	W128	J223	MHS5842ZR1302L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, 90 DEGREE	900
	W128	J223	M85049/39S13W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	902
	W128	W128 BRD1	MHS5330–1531	SLEEVING, EXPANDABLE, 1/4 INCH, FRAY RESISTANT	9XX

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W128	W128 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W128	W128 MRK2	MHS4910–1001	MARKER, CABLE	9XX
	W128	W128 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W128	W128 TMS1	MHS5189–1121	SLEEVE, MARKER, CABLE, .125 INCH	9XX
	W129	P155	D38999/26JJ4PN	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	902
	W129	P155	MHS5659MJ4PN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	00011–00051
	W129	P155	M85049/39S25W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	00011–00051
	W129	P155	M85049/39S25W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	902
	W129	P157	D38999/26JD35PN	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, SER III, COMPOSITE	902
	W129	P157	MHS5659MD35PN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	900
	W129	P157	MHS5842ZS1505L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	900
	W129	P157	MHS5842ZS1505L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	902
	W129	P157	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	900
	W129	P411	D38999/26JB98SN	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W129	P411	MHS5659MB98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	00010–00011
	W129	P411	MHS5659MB98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	00012–00051
	W129	P411	MHS5842ZR1102L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, 90 DEGREE	00012–00051
	W129	P411	MHS5842ZR1102L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, 90 DEGREE	902
	W129	P411	MHS5842ZS1102L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	00010–00011
	W129	P412	D38999/26JB98SN	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W129	P412	MHS5659MB98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	00010–00011
	W129	P412	MHS5659MB98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	00012–00051
	W129	P412	MHS5842ZR1102L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, 90 DEGREE	00012–00051
	W129	P412	MHS5842ZR1102L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, 90 DEGREE	902
	W129	P412	MHS5842ZS1102L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	00010–00011
	W129	P413	D38999/26JA98SN	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W129	P413	MHS5659MA98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	900
	W129	P413	M85049/38S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	900
	W129	P413	M85049/38S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	902
	W129	P415	D38999/26JA98SN	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W129	P415	MHS5659MA98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	00010–00011
	W129	P415	MHS5659MA98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	00012–00051
	W129	P415	MHS5842ZS0902L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	00010–00011
	W129	P415	M85049/39S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	00012–00051
	W129	P415	M85049/39S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	902
	W129	P417	D38999/26JC8SN	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W129	P417	MHS5659MC8SN	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT, COMPOSITE	00010–00011
	W129	P417	MHS5659MC8SN	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT, COMPOSITE	00012–00051

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W129	P417	MHS5842ZR1303L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, 90 DEGREE	00012–00051
	W129	P417	MHS5842ZR1303L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, 90 DEGREE	902
	W129	P417	MHS5842ZS1303L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	00010–00011
	W129	P421	D38999/26JA98SN	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W129	P421	MHS5659MA98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	00011–00051
	W129	P421	M85049/39S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	00011–00051
	W129	P421	M85049/39S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	902
	W129	P423	D38999/26JB98SN	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W129	P423	MHS5659MB98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	00011–00051
	W129	P423	MHS5842ZR1102L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, 90 DEGREE	00011–00051
	W129	P423	MHS5842ZR1102L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, 90 DEGREE	902
	W129	P425	D38999/26JA98SA	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W129	P425	MHS5659MA98SA	CONNECTOR, ELECTRICAL, PLUG, COMPOSITE	00011–00011
	W129	P425	MHS5659MA98SA	CONNECTOR, ELECTRICAL, PLUG, COMPOSITE	00012–00051
	W129	P425	M85049/38S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	00011–00011
	W129	P425	M85049/39S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	00012–00051
	W129	P425	M85049/39S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	902
	W129	P427	D38999/26JA98SN	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W129	P427	MHS5659MA98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	00010–00010
	W129	P427	MHS5659MA98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	00011–00051
	W129	P427	M85049/39S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	00010–00010
	W129	P427	M85049/39S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	00011–00051
	W129	P427	M85049/39S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	902
	W129	P428	D38999/26JB98SN	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W129	P428	MHS5659MA98SA	CONNECTOR, ELECTRICAL, PLUG, COMPOSITE	00010–00010
	W129	P428	MHS5659MB98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	00011–00051
	W129	P428	MHS5842ZR1102L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, 90 DEGREE	00011–00051
	W129	P428	MHS5842ZR1102L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, 90 DEGREE	902
	W129	P428	M85049/39S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	00010–00010
	W129	P429	D38999/26JA98SA	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W129	P429	MHS5659MA98SA	CONNECTOR, ELECTRICAL, PLUG, COMPOSITE	00011–00011
	W129	P429	MHS5659MA98SA	CONNECTOR, ELECTRICAL, PLUG, COMPOSITE	00012–00051
	W129	P429	M85049/38S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	00011–00011
	W129	P429	M85049/39S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	00012–00051
	W129	P429	M85049/39S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	902
	W129	P430	MHS5659MA98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	900
	W129	P430	MHS5842WR1002L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, 90 DEGREE	902
	W129	P430	M85049/39S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	900

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W129	P430	MS3106A10SL4S	CONNECTOR, PLUG, ELECTRICAL, SOLDER CONTACTS	902
	W129	P430	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	900
	W129	P431	900E3752425–101	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	00010–00011
	W129	P431	900E3752425–101	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	00012–99999
	W129	P431	MHS5842YR0802L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, 90 DEGREE	00012–99999
	W129	P431	MHS5842YS0802L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	00010–00011
	W129	P432	900E3752425–101	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	00010–00011
	W129	P432	900E3752425–101	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	00012–99999
	W129	P432	MHS5842YR0802L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, 90 DEGREE	00012–99999
	W129	P432	MHS5842YS0802L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	00010–00011
	W129	P522	D38999/26JA98SN	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W129	P522	MHS5659MA98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	00012–00051
	W129	P522	M85049/39S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	00012–00051
	W129	P522	M85049/39S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	902
	W129	P523	D38999/26JA98SN	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W129	P523	MHS5659MA98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	00012–00051
	W129	P523	M85049/38S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	00012–00051
	W129	P523	M85049/38S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	902
	W129	W129 BRD1	MHS5330–1539	SLEEVING, EXPANDABLE, 1/2 INCH, FRAY RESISTANT	00012–99999
	W129	W129 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W129	W129 MRK2	MHS4910–1001	MARKER, CABLE	00010–00010
	W129	W129 MRK2	MHS4910–1001	MARKER, CABLE	00011–00011
	W129	W129 MRK2	MHS4910–1001	MARKER, CABLE	00012–99999
	W129	W129 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	00010–00011
	W129	W129 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	00012–99999
	W129	W129 TMS1	MHS5189–1121	SLEEVE, MARKER, CABLE, .125 INCH	00010–00010
	W129	W129 TMS2	MHS5189–1181	SLEEVE, MARKER, CABLE, .187 INCH	00010–00010
	W129	W129 TMS2	MHS5189–1181	SLEEVE, MARKER, CABLE, .187 INCH	00011–00011
	W129	W129 TMS2	MHS5189–1181	SLEEVE, MARKER, CABLE, .187 INCH	00012–99999
	W130	P390	D38999/26JC98PN	CONNECTOR, ELECTRICAL, PLUG, COMPOSITE	902
	W130	P390	MHS5659MC98PN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	900
	W130	P390	MHS5842ZS1303L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	900
	W130	P390	MHS5842ZS1303L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	902
	W130	P390	M23053/16–002–0	SLEEVING, INSULATED, ELECTRICAL, HEAT SHRINK, .375 ID, BLACK	900
	W130	P390	M23053/16–002–0	SLEEVING, INSULATED, ELECTRICAL, HEAT SHRINK, .375 ID, BLACK	902
	W130	P390	MS35489–15	GROMMET, RUBBER, OIL RESISTANT	900
	W130	P390	MS35489–15	GROMMET, RUBBER, OIL RESISTANT	902
	W130	P433	MHS5659MA98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	900
	W130	P433	MHS5842WR1002L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, 90 DEGREE	902

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W130	P433	MHS5842ZR0902L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, 90 DEGREE	900
	W130	P433	M23053/16–001–0	SLEEVING, INSULATED, ELECTRICAL, HEAT SHRINK, .250 ID, BLACK	900
	W130	P433	MS3106A10SL4S	CONNECTOR, PLUG, ELECTRICAL, SOLDER CONTACTS	902
	W130	P433	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	902
	W130	P433	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	900
	W130	P434	900E3752425–101	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	9XX
	W130	P434	MHS5842YR0802L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, 90 DEGREE	9XX
	W130	P434	M23053/16–001–0	SLEEVING, INSULATED, ELECTRICAL, HEAT SHRINK, .250 ID, BLACK	9XX
	W130	P434	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	9XX
	W130	W130 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W130	W130 MRK2	MHS4910–1001	MARKER, CABLE	9XX
	W130	W130 TMS1	MHS5189–1251	SLEEVE, MARKER, CABLE, .250 INCH	9XX
	W130	W130 TMS2	MHS5189–1181	SLEEVE, MARKER, CABLE, .187 INCH	9XX
	W131	P401	D38999/26JD18PA	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	902
	W131	P401	MHS5659MD18PA	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT, COMPOSITE	900
	W131	P401	MHS5842ZS1504L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	900
	W131	P401	MHS5842ZS1504L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	902
	W131	P403	D38999/26JB98SN	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W131	P403	MHS5659MB98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	00010–00011
	W131	P403	MHS5659MB98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	00012–00051
	W131	P403	MHS5842ZR1103L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, 90 DEGREE	00012–00051
	W131	P403	MHS5842ZR1103L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, 90 DEGREE	902
	W131	P403	MHS5842ZS1102L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	00010–00011
	W131	P405	D38999/26JA98SN	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W131	P405	MHS5659MA98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	900
	W131	P405	MHS5842ZR0902L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, 90 DEGREE	900
	W131	P405	MHS5842ZR0902L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, 90 DEGREE	902
	W131	P407	MHS5842WR1202L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, 90 DEGREE	00012–99999
	W131	P407	MHS5842WS1202L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	00010–00011
	W131	P407	MS3459L12S–3S	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	00010–00011
	W131	P407	MS3459L12S–3S	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	00012–99999
	W131	P409	D38999/26JB98SN	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W131	P409	MHS5659MB98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	900
	W131	P409	MHS5842ZR1102L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, 90 DEGREE	900
	W131	P409	MHS5842ZR1102L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, 90 DEGREE	902
	W131	W131 BRD1	MHS5330–1531	SLEEVING, EXPANDABLE, 1/4 INCH, FRAY RESISTANT	9XX
	W131	W131 BRD2	MHS5330–1539	SLEEVING, EXPANDABLE, 1/2 INCH, FRAY RESISTANT	9XX
	W131	W131 MRK1	MHS4910–1001	MARKER, CABLE	9XX
	W131	W131 MRK2	MHS4910–1002	MARKER, CABLE	9XX

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W131	W131 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W131	W131 TMS1	MHS5189–1121	SLEEVE, MARKER, CABLE, .125 INCH	9XX
	W131	W131 TMS2	MHS5189–1181	SLEEVE, MARKER, CABLE, .187 INCH	9XX
	W132	P400	D38999/26JD18PN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	902
	W132	P400	MHS5659MD18PN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	900
	W132	P400	MHS5842ZS1504L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	900
	W132	P400	MHS5842ZS1504L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	902
	W132	P402	D38999/26JB98SN	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W132	P402	MHS5330–1524	SLEEVING, EXPANDABLE, 1/8 INCH, FRAY RESISTANT	00010–00011
	W132	P402	MHS5659MB98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	00010–00011
	W132	P402	MHS5659MB98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	00012–00051
	W132	P402	MHS5842ZR1103L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, 90 DEGREE	00012–00051
	W132	P402	MHS5842ZR1103L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, 90 DEGREE	902
	W132	P402	MHS5842ZS1102L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	00010–00011
	W132	P404	D38999/26JA98SN	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W132	P404	MHS5659MA98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	900
	W132	P404	M85049/39S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	900
	W132	P404	M85049/39S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	902
	W132	P406	MHS5330–1524	SLEEVING, EXPANDABLE, 1/8 INCH, FRAY RESISTANT	00010–00011
	W132	P406	MHS5842WR1202L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, 90 DEGREE	00010–00011
	W132	P406	MHS5842WS1202L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	00012–99999
	W132	P406	MS3459L12S–3S	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	00010–00011
	W132	P406	MS3459L12S–3S	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	00012–99999
	W132	P408	D38999/26JB98SN	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W132	P408	MHS5659MB98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	900
	W132	P408	MHS5842ZR1102L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, 90 DEGREE	900
	W132	P408	MHS5842ZR1102L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, 90 DEGREE	902
	W132	W132 BRD1	MHS5330–1539	SLEEVING, EXPANDABLE, 1/2 INCH, FRAY RESISTANT	9XX
	W132	W132 BRD2	MHS5330–1531	SLEEVING, EXPANDABLE, 1/4 INCH, FRAY RESISTANT	9XX
	W132	W132 MRK1	MHS4910–1001	MARKER, CABLE	9XX
	W132	W132 MRK2	MHS4910–1002	MARKER, CABLE	9XX
	W132	W132 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W132	W132 TMS1	MHS5189–1121	SLEEVE, MARKER, CABLE, .125 INCH	9XX
	W132	W132 TMS2	MHS5189–1181	SLEEVE, MARKER, CABLE, .187 INCH	9XX
	W133	J310	MHS5330–1531	SLEEVING, EXPANDABLE, 1/4 INCH, FRAY RESISTANT	00010–00011
	W133	J310	MHS5647MD18SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	00010–00011
	W133	J310	MHS5647ME26SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	00012–99999
	W133	J310	MHS5842ZS1503L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	00010–00011
	W133	J310	MHS5842ZS1704L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	00012–99999

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W133	J310 SP1	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	00012–99999
	W133	J310 SP2	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	00012–99999
	W133	P309	MHS5659ME26PN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W133	P309	MHS5842ZS1706L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	9XX
	W133	P313	MHS5659MB98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	00012–99999
	W133	P313	MHS5842ZS1103L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	00012–99999
	W133	P313 SP1	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	00012–99999
	W133	P313 SP2	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	00012–99999
	W133	W133 BRD1	MHS5330–1539	SLEEVING, EXPANDABLE, 1/2 INCH, FRAY RESISTANT	00012–99999
	W133	W133 BRD2	MHS5330–1531	SLEEVING, EXPANDABLE, 1/4 INCH, FRAY RESISTANT	00012–99999
	W133	W133 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W133	W133 MRK2	MHS4910–1001	MARKER, CABLE	9XX
	W133	W133 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W133	W133 TMS1	MHS5189–1181	SLEEVE, MARKER, CABLE, .187 INCH	00010–00011
	W133	W133 TMS1	MHS5189–1181	SLEEVE, MARKER, CABLE, .187 INCH	00012–99999
	W134	P310	MHS5330–1531	SLEEVING, EXPANDABLE, 1/4 INCH, FRAY RESISTANT	00010–00011
	W134	P310	MHS5659MD18PN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	00010–00011
	W134	P310	MHS5659ME26PN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	00012–99999
	W134	P310	MHS5842ZS1503L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	00010–00011
	W134	P310	M85049/38S17W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	00012–99999
	W134	P311	MHS5330–1524	SLEEVING, EXPANDABLE, 1/8 INCH, FRAY RESISTANT	00010–00011
	W134	P311	MHS5659MC98SN	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT, COMPOSITE	00010–00011
	W134	P311	MHS5842ZS1302L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	00010–00011
	W134	P312	MHS5330–1524	SLEEVING, EXPANDABLE, 1/8 INCH, FRAY RESISTANT	00010–00011
	W134	P312	MHS5659MC98SN	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT, COMPOSITE	00010–00011
	W134	P312	MHS5842ZS1302L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, STRAIGHT	00010–00011
	W134	P314	M85049/52S14W	CONNECTOR, BACKSHELL, ELECTRICAL, SELF–LOCKING	00012–99999
	W134	P314	MS3476W14–18S	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	00012–99999
	W134	P314 SP1	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	00012–99999
	W134	P314 SP2	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	00012–99999
	W134	P314 SP3	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	00012–99999
	W134	P314 SP4	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	00012–99999
	W134	W134 BRD1	MHS5330–1524	SLEEVING, EXPANDABLE, 1/8 INCH, FRAY RESISTANT	00012–99999
	W134	W134 BRD2	MHS5330–1531	SLEEVING, EXPANDABLE, 1/4 INCH, FRAY RESISTANT	00012–99999
	W134	W134 BRD3	MHS5330–1539	SLEEVING, EXPANDABLE, 1/2 INCH, FRAY RESISTANT	00012–99999
	W134	W134 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W134	W134 MRK2	MHS4910–1001	MARKER, CABLE	00010–00011
	W134	W134 MRK2	MHS4910–1001	MARKER, CABLE	00012–99999
	W134	W134 SP1	M81714/65–16–1	IN–LINE JUNCTION, SPLICE	00012–99999
	W134	W134 SP2	M81714/65–16–1	IN–LINE JUNCTION, SPLICE	00012–99999
	W134	W134 SP3	M81714/65–16–1	IN–LINE JUNCTION, SPLICE	00012–99999
	W134	W134 SP4	M81714/65–16–1	IN–LINE JUNCTION, SPLICE	00012–99999

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W134	W134 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W134	W134 TMS1	MHS5189–1181	SLEEVE, MARKER, CABLE, .187 INCH	00010–00011
	W134	W134 TMS1	MHS5189–1181	SLEEVE, MARKER, CABLE, .187 INCH	00012–99999
	W134	W134 TMS2	MHS5189–1091	SLEEVE, MARKER, CABLE, .093 INCH	00012–99999
	W135	P1	900C3010060–101	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	9XX
	W135	P2	MHS5330–1539	SLEEVING, EXPANDABLE, 1/2 INCH, FRAY RESISTANT	9XX
	W135	P2	MHS5659MC35PN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W135	P2	MHS5842ZR1303L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, 90 DEGREE	9XX
	W135	W135 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W135	W135 MRK2	MHS4910–1001	MARKER, CABLE	9XX
	W135	W135 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W135	W135 TMS1	MHS5189–1181	SLEEVE, MARKER, CABLE, .187 INCH	9XX
	W136	P108	MS3116F8–4S	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT(SOLDER)	00012–99999
	W136	P109	M22885/10818200	TERMINAL MODULE, CONNECTOR, ELECTRICAL	00010–00018
	W136	P109 SP1	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	00010–00018
	W136	P110	M22885/10818200	TERMINAL MODULE, CONNECTOR, ELECTRICAL	00010–00018
	W136	P110 SP1	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	00010–00018
	W136	P112	DAMAM15S	CONNECTOR, ELECTRICAL, D–SUBMINIATURE	9XX
	W136	P112	M24308/25–9	SCREW, LOCK ASSEMBLY, MALE	9XX
	W136	P112	M85049/48–1–2F	BACKSHELL, RECTANGULAR, STRAIGHT	9XX
	W136	P118	D38999/26JE35PN	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W136	P118	MHS5659ME35PN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	900
	W136	P118	M85049/38S17W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	900
	W136	P118	M85049/38S17W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	902
	W136	W136 BRD1	MHS5330–1524	SLEEVING, EXPANDABLE, 1/8 INCH, FRAY RESISTANT	9XX
	W136	W136 BRD2	MHS5330–1531	SLEEVING, EXPANDABLE, 1/4 INCH, FRAY RESISTANT	9XX
	W136	W136 BRD3	MHS5330–1539	SLEEVING, EXPANDABLE, 1/2 INCH, FRAY RESISTANT	9XX
	W136	W136 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W136	W136 MRK2	MHS4910–1001	MARKER, CABLE	00010–00011
	W136	W136 MRK2	MHS4910–1001	MARKER, CABLE	00012–99999
	W136	W136 SP1	M81714/65–22–2	SPLICE, IN–LINE, DOUBLE UNIT	00010–99999
	W136	W136 SP2	M81714/65–22–2	SPLICE, IN–LINE, DOUBLE UNIT	00010–99999
	W136	W136 SP3	M81714/65–22–1	IN–LINE JUNCTION, SPLICE	9XX
	W136	W136 SP4	M81714/65–22–1	IN–LINE JUNCTION, SPLICE	9XX
	W136	W136 SP5	M81714/65–22–1	IN–LINE JUNCTION, SPLICE	9XX
	W136	W136 SP6	M81714/65–22–1	IN–LINE JUNCTION, SPLICE	9XX
	W136	W136 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W140	W140 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W140	W140 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W140	W140 TMS1	MHS5189–1501	SLEEVE, MARKER, CABLE, .475 INCH	9XX
	W141	W141 MRK1	MHS4910–1002	MARKER, CABLE	9XX

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W141	W141 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W141	W141 TMS1	MHS5189–1501	SLEEVE, MARKER, CABLE, .475 INCH	9XX
	W142	J305	D38999/20JC35PN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	902
	W142	J305	MHS5647MC35PN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	900
	W142	J305	MHS5796–06TR	TINEL RING	900
	W142	J305	MHS5796–06TR	TINEL RING	902
	W142	J305	MHS5883ZS1303	ADAPTER, ELECTRICAL, TINEL RING, SELF–LOCKING	900
	W142	J305	MHS5883ZS1303	ADAPTER, ELECTRICAL, TINEL RING, SELF–LOCKING	902
	W142	J305	QQB575R36T0250	BRAID, WIRE, TUBULAR, 1/4 INCH DIAMETER.	900
	W142	J305	QQB575R36T0250	BRAID, WIRE, TUBULAR, 1/4 INCH DIAMETER.	902
	W142	J424	D38999/20JH53PN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	902
	W142	J424	MHS5647MJ61SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	900
	W142	J424	MHS5796–12TR	TINEL RING	900
	W142	J424	MHS5796–12TR	TINEL RING	902
	W142	J424	MHS5883ZS2306	ADAPTER, ELECTRICAL, TINEL RING, SELF–LOCKING	902
	W142	J424	MHS5883ZS2506	ADAPTER, ELECTRICAL, TINEL RING, SELF–LOCKING	900
	W142	J424	QQB575R36T0500	BRAID, WIRE, TUBULAR, 1/2 INCH DIAMETER.	900
	W142	J424	QQB575R36T0500	BRAID, WIRE, TUBULAR, 1/2 INCH DIAMETER.	902
	W142	P301	D38999/26JB35SN	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W142	P301	MHS5659MB35SN	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT, COMPOSITE	900
	W142	P301	MHS5796–06TR	TINEL RING	900
	W142	P301	MHS5796–06TR	TINEL RING	902
	W142	P301	MHS5883ZS1103	ADAPTER, ELECTRICAL, TINEL RING, SELF–LOCKING	900
	W142	P301	MHS5883ZS1103	ADAPTER, ELECTRICAL, TINEL RING, SELF–LOCKING	902
	W142	P301	QQB575R36T0250	BRAID, WIRE, TUBULAR, 1/4 INCH DIAMETER.	900
	W142	P301	QQB575R36T0250	BRAID, WIRE, TUBULAR, 1/4 INCH DIAMETER.	902
	W142	P360	D38999/26JH53SN	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W142	P360	MHS5659MH53SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	900
	W142	P360	MHS5796–12TR	TINEL RING	900
	W142	P360	MHS5796–12TR	TINEL RING	902
	W142	P360	MHS5883ZR2306	ADAPTER, ELECTRICAL, TINEL RING, SELF–LOCKING, 90	902
	W142	P360	MHS5883ZS2306	ADAPTER, ELECTRICAL, TINEL RING, SELF–LOCKING	900
	W142	P360	QQB575R36T0500	BRAID, WIRE, TUBULAR, 1/2 INCH DIAMETER.	900
	W142	P360	QQB575R36T0500	BRAID, WIRE, TUBULAR, 1/2 INCH DIAMETER.	902
	W142	W142 BRD1	MHS5330–1539	SLEEVING, EXPANDABLE, 1/2 INCH, FRAY RESISTANT	9XX
	W142	W142 BRD2	MHS5330–1543	SLEEVING, EXPANDABLE, 3/4 INCH, FRAY RESISTANT	9XX
	W142	W142 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W142	W142 MRK2	MHS4910–1001	MARKER, CABLE	9XX

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W142	W142 SLV1	MHS5471–1025	SOLDER SLEEVE	9XX
	W142	W142 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W142	W142 TMS1	MHS5189–1121	SLEEVE, MARKER, CABLE, .125 INCH	9XX
	W142	W142 TMS2	MHS5189–1181	SLEEVE, MARKER, CABLE, .187 INCH	9XX
	W142	W142 TMS3	MHS5189–1251	SLEEVE, MARKER, CABLE, .250 INCH	9XX
	W143	J423	D38999/20JH53PN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	902
	W143	J423	MHS5647MJ61SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	900
	W143	J423	MHS5796–12TR	TINEL RING	900
	W143	J423	MHS5796–12TR	TINEL RING	902
	W143	J423	MHS5883ZS2306	ADAPTER, ELECTRICAL, TINEL RING, SELF–LOCKING	902
	W143	J423	MHS5883ZS2506	ADAPTER, ELECTRICAL, TINEL RING, SELF–LOCKING	900
	W143	J423	QQB575R36T0500	BRAID, WIRE, TUBULAR, 1/2 INCH DIAMETER.	900
	W143	J423	QQB575R36T0500	BRAID, WIRE, TUBULAR, 1/2 INCH DIAMETER.	902
	W143	P303	D38999/26JB35SN	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W143	P303	MHS5659MB35SN	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT, COMPOSITE	900
	W143	P303	MHS5796–06TR	TINEL RING	900
	W143	P303	MHS5796–06TR	TINEL RING	902
	W143	P303	MHS5883ZS1103	ADAPTER, ELECTRICAL, TINEL RING, SELF–LOCKING	900
	W143	P303	MHS5883ZS1103	ADAPTER, ELECTRICAL, TINEL RING, SELF–LOCKING	902
	W143	P303	QQB575R36T0250	BRAID, WIRE, TUBULAR, 1/4 INCH DIAMETER.	900
	W143	P303	QQB575R36T0250	BRAID, WIRE, TUBULAR, 1/4 INCH DIAMETER.	902
	W143	P305	D38999/26JC35SN	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W143	P305	MHS5659MC35SN	CONNECTOR, ELECTRICAL, PLUG, COMPOSITE	900
	W143	P305	MHS5796–06TR	TINEL RING	900
	W143	P305	MHS5796–06TR	TINEL RING	902
	W143	P305	MHS5883ZS1303	ADAPTER, ELECTRICAL, TINEL RING, SELF–LOCKING	900
	W143	P305	MHS5883ZS1303	ADAPTER, ELECTRICAL, TINEL RING, SELF–LOCKING	902
	W143	P305	QQB575R36T0250	BRAID, WIRE, TUBULAR, 1/4 INCH DIAMETER.	900
	W143	P305	QQB575R36T0250	BRAID, WIRE, TUBULAR, 1/4 INCH DIAMETER.	902
	W143	P361	D38999/26JH53SN	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W143	P361	MHS5659MH53SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	900
	W143	P361	MHS5796–12TR	TINEL RING	900
	W143	P361	MHS5796–12TR	TINEL RING	902
	W143	P361	MHS5883ZR2306	ADAPTER, ELECTRICAL, TINEL RING, SELF–LOCKING, 90	902
	W143	P361	MHS5883ZS2306	ADAPTER, ELECTRICAL, TINEL RING, SELF–LOCKING	900
	W143	P361	QQB575R36T0500	BRAID, WIRE, TUBULAR, 1/2 INCH DIAMETER.	900
	W143	P361	QQB575R36T0500	BRAID, WIRE, TUBULAR, 1/2 INCH DIAMETER.	902
	W143	W143 BRD1	MHS5330–1539	SLEEVING, EXPANDABLE, 1/2 INCH, FRAY RESISTANT	9XX
	W143	W143 BRD2	MHS5330–1543	SLEEVING, EXPANDABLE, 3/4 INCH, FRAY RESISTANT	9XX

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W143	W143 MRK1	MHS4910–1001	MARKER, CABLE	9XX
	W143	W143 MRK2	MHS4910–1002	MARKER, CABLE	9XX
	W143	W143 MRK3	MHS4910–1031	MARKER, CABLE, RED	9XX
	W143	W143 SLV1	MHS5471–1025	SOLDER SLEEVE	9XX
	W143	W143 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W143	W143 TMS1	MHS5189–1091	SLEEVE, MARKER, CABLE, .093 INCH	9XX
	W143	W143 TMS2	MHS5189–1121	SLEEVE, MARKER, CABLE, .125 INCH	9XX
	W143	W143 TMS3	MHS5189–1181	SLEEVE, MARKER, CABLE, .187 INCH	9XX
	W144	J317	D38999/20JD18SN	CONNECTOR, RECEPTACLE, ELECTRICAL, WALL MOUNT, FLANGE, SER III, COMPOSITE	00012–99999
	W144	J317	M85049/38S15W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	00012–99999
	W144	P315	D38999/26JD18PN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	00012–99999
	W144	P315	MHS5330–1531	SLEEVING, EXPANDABLE, 1/4 INCH, FRAY RESISTANT	00012–99999
	W144	P315	M85049/38S15W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	00012–99999
	W144	W144 MRK1	MHS4910–1002	MARKER, CABLE	00012–99999
	W144	W144 MRK2	MHS4910–1001	MARKER, CABLE	00012–99999
	W144	W144 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	00012–99999
	W144	W144 TMS1	MHS5189–1181	SLEEVE, MARKER, CABLE, .187 INCH	00012–99999
	W145	P317	MHS5659MD18PN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	00012–99999
	W145	P317	M85049/38S15W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	00012–99999
	W145	P319	MHS5330–1531	SLEEVING, EXPANDABLE, 1/4 INCH, FRAY RESISTANT	00012–99999
	W145	P319	M85049/52S14W	CONNECTOR, BACKSHELL, ELECTRICAL, SELF–LOCKING	00012–99999
	W145	P319	MS3476W14–18S	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	00012–99999
	W145	P319 SP1	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	00012–99999
	W145	P319 SP2	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	00012–99999
	W145	P319 SP3	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	00012–99999
	W145	P319 SP4	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	00012–99999
	W145	W145 MRK1	MHS4910–1001	MARKER, CABLE	00012–99999
	W145	W145 MRK2	MHS4910–1002	MARKER, CABLE	00012–99999
	W145	W145 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	00012–99999
	W145	W145 TMS1	MHS5189–1181	SLEEVE, MARKER, CABLE, .187 INCH	00012–99999
	W200	MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W200	MRK2	MHS4910–1001	MARKER, CABLE	9XX
	W200	P155	MHS5188–9341	BOOT, CONNECTOR, ELECTRICAL, STRAIGHT	9XX
	W200	P155	MHS5659MJ35PN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W200	P155	MHS5796ZL2508SN	ADAPTER, ELECTRICAL CONNECTOR, TINEL RING, 90 DEGREE	9XX
	W200	P157	MHS5188–9341	BOOT, CONNECTOR, ELECTRICAL, STRAIGHT	9XX
	W200	P157	MHS5659MJ4PN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W200	P157	MHS5796ZS2508SN	ADAPTER, ELECTRICAL CONNECTOR, TINEL RING, STRAIGHT	9XX
	W200	P411	MHS5188–9131	BOOT, CONNECTOR, ELECTRICAL, STRAIGHT	9XX
	W200	P411	MHS5659MB98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W200	P411	MHS5796ZL1104SN	ADAPTER, ELECTRICAL CONNECTOR, TINEL RING, 90 DEGREE	9XX
	W200	P412	MHS5188–9110	BOOT, CONNECTOR, ELECTRICAL, STRAIGHT	9XX
	W200	P412	MHS5659MB98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W200	P412	MHS5796ZL1104SN	ADAPTER, ELECTRICAL CONNECTOR, TINEL RING, 90 DEGREE	9XX
	W200	P413	MHS5188–9110	BOOT, CONNECTOR, ELECTRICAL, STRAIGHT	9XX
	W200	P413	MHS5659MA98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W200	P413	MHS5796ZS0904SN	ADAPTER, ELECTRICAL CONNECTOR, TINEL RING, STRAIGHT	9XX
	W200	P415	MHS5188–9110	BOOT, CONNECTOR, ELECTRICAL, STRAIGHT	9XX
	W200	P415	MHS5659MA98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W200	P415	MHS5796ZL0904SN	ADAPTER, ELECTRICAL CONNECTOR, TINEL RING, 90 DEGREE	9XX
	W200	P417	D38999/26SC8SN	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT.	9XX
	W200	P417	MHS5188–9110	BOOT, CONNECTOR, ELECTRICAL, STRAIGHT	9XX
	W200	P417	MHS5796ZS1304SN	ADAPTER, ELECTRICAL CONNECTOR, TINEL RING, STRAIGHT	9XX
	W200	P430	MHS5188–9131	BOOT, CONNECTOR, ELECTRICAL, STRAIGHT	9XX
	W200	P430	MHS5659MA98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W200	P430	MHS5796ZL0904SN	ADAPTER, ELECTRICAL CONNECTOR, TINEL RING, 90 DEGREE	9XX
	W200	P431	900E3752425–101	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	9XX
	W200	P431	MHS5796–07TR	TINEL RING	9XX
	W200	P432	900E3752425–101	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	9XX
	W200	P432	MHS5796–07TR	TINEL RING	9XX
	W200	P435	MHS5188–9191	BOOT, CONNECTOR, ELECTRICAL, STRAIGHT	9XX
	W200	P435	MHS5796YL1404SN	ADAPTER, ELECTRICAL CONNECTOR, TINEL RING, 90 DEGREE	9XX
	W200	P435	MS27473T14F–5S	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	9XX
	W200	TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W200	W200 BRD1	M23053/16–004–0	SLEEVING, INSULATED, ELECTRICAL, HEAT SHRINK, .750 ID, BLACK	9XX
	W200	W200 BRD2	M23053/16–003–0	SLEEVING, INSULATED, ELECTRICAL, HEAT SHRINK, .50 ID, BLACK	9XX
	W200	W200 BRD3	M23053/16–001–0	SLEEVING, INSULATED, ELECTRICAL, HEAT SHRINK, .250 ID, BLACK	9XX
	W200	W200 SLV1	QQB575R36T0500	BRAID, WIRE, TUBULAR, 1/2 INCH DIAMETER.	9XX
	W200	W200 SLV2	QQB575R36T0375	BRAID, WIRE, TUBULAR, 3/8 INCH DIAMETER.	9XX
	W200	W200 SLV3	QQB575R36T0250	BRAID, WIRE, TUBULAR, 1/4 INCH DIAMETER.	9XX
	W200	W200 SLV4	QQB575R36T0171	BRAID, WIRE, TUBULAR, 3/16 INCH DIAMETER.	9XX
	W200	W200 TAP1	05–0720–0272–02	KNITTED WIRE MESH TAPE, 3/4 INCH WIDE.	9XX
	W200	W200 TMS1	MHS5189–1181	SLEEVE, MARKER, CABLE, .187 INCH	9XX
	W200	W200 TSN1	MHS5187–3111	BOOT, TRANSITION, CABLE	9XX
	W200	W200 TSN2	MHS5187–3221	BOOT, TRANSITION, CABLE	9XX
	W200	W200 TSN3	MHS5187–4231	TRANSITION, CABLE, HEAT–SHRINKABLE.	9XX
	W200	W200 TSN4	MHS5187–4231	TRANSITION, CABLE, HEAT–SHRINKABLE.	9XX

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W201	P157	MHS5659MJ24PN	CONNECTOR, ELECTRICAL, PLUG, COMPOSITE	9XX
	W201	P157	M85049/38S25W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W201	P436	MHS5659MA98SA	CONNECTOR, ELECTRICAL, PLUG, COMPOSITE	9XX
	W201	P436	M85049/38S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W201	P437	MHS5659MA98SA	CONNECTOR, ELECTRICAL, PLUG, COMPOSITE	9XX
	W201	P437	M85049/38S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W201	P438	MHS5659MA98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W201	P438	M85049/38S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W201	P439	MHS5659MA98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W201	P439	M85049/38S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W201	P440	M85049/47S14W	CONNECTOR, BACKSHELL, ELECTRICAL, SELF–LOCKING	9XX
	W201	P440	MS27473T14B5S	CONNECTOR, ELECTRICAL, PLUG	9XX
	W201	W201 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W201	W201 MRK2	MHS4910–1001	MARKER, CABLE	9XX
	W201	W201 SP1	M81714/65–20–1	IN–LINE JUNCTION, SPLICE	9XX
	W201	W201 SP2	M81714/65–20–1	IN–LINE JUNCTION, SPLICE	9XX
	W201	W201 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W202	P400	D38999/26SD18PN	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	9XX
	W202	P400	MHS5188–9140	BOOT, CONNECTOR, ELECTRICAL, STRAIGHT	9XX
	W202	P400	MHS5796ZL1508SN	ADAPTER, ELECTRICAL CONNECTOR, TINEL RING, 90 DEGREE	9XX
	W202	P406	MHS5188–9110	BOOT, CONNECTOR, ELECTRICAL, STRAIGHT	9XX
	W202	P406	MHS5796WL1204SN	ADAPTER, ELECTRICAL CONNECTOR, TINEL RING, 90 DEGREE	9XX
	W202	P406	MS3459LS12S–3S	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	9XX
	W202	P408	D38999/26SB98SN	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	9XX
	W202	P408	MHS5188–9110	BOOT, CONNECTOR, ELECTRICAL, STRAIGHT	9XX
	W202	P408	MHS5796ZL1104SN	ADAPTER, ELECTRICAL CONNECTOR, TINEL RING, 90 DEGREE	9XX
	W202	W202 BRD1	QQB575R36T0375	BRAID, WIRE, TUBULAR, 3/8 INCH DIAMETER.	9XX
	W202	W202 BRD2	QQB575R36T0171	BRAID, WIRE, TUBULAR, 3/16 INCH DIAMETER.	9XX
	W202	W202 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W202	W202 MRK2	MHS4910–1001	MARKER, CABLE	9XX
	W202	W202 SLV1	M23053/16–003–0	SLEEVING, INSULATED, ELECTRICAL, HEAT SHRINK, .50 ID, BLACK	9XX
	W202	W202 SLV2	M23053/16–001–0	SLEEVING, INSULATED, ELECTRICAL, HEAT SHRINK, .250 ID, BLACK	9XX
	W202	W202 TAP1	05–0720–0272–02	KNITTED WIRE MESH TAPE, 3/4 INCH WIDE.	9XX
	W202	W202 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W202	W202 TMS1	MHS5189–1181	SLEEVE, MARKER, CABLE, .187 INCH	9XX
	W202	W202 TSN1	MHS5187–9221	BOOT, TRANSITION, CABLE, (Y)	9XX
	W203	P401	D38999/26SD18PN	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	9XX
	W203	P401	MHS5188–9180	BOOT, CONNECTOR, ELECTRICAL, STRAIGHT	9XX

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W203	P401	MHS5796ZL1508SN	ADAPTER, ELECTRICAL CONNECTOR, TINEL RING, 90 DEGREE	9XX
	W203	P407	MHS5188–9110	BOOT, CONNECTOR, ELECTRICAL, STRAIGHT	9XX
	W203	P407	MHS5796WL1204SN	ADAPTER, ELECTRICAL CONNECTOR, TINEL RING, 90 DEGREE	9XX
	W203	P407	MS3459LS12S–3S	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	9XX
	W203	P409	D38999/26SB98SN	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	9XX
	W203	P409	MHS5188–9110	BOOT, CONNECTOR, ELECTRICAL, STRAIGHT	9XX
	W203	P409	MHS5796ZL1104SN	ADAPTER, ELECTRICAL CONNECTOR, TINEL RING, 90 DEGREE	9XX
	W203	W203 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W203	W203 MRK2	MHS4910–1001	MARKER, CABLE	9XX
	W203	W203 TAP1	05–0720–0272–02	KNITTED WIRE MESH TAPE, 3/4 INCH WIDE.	9XX
	W203	W203 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W203	W203 TMS1	MHS5189–1181	SLEEVE, MARKER, CABLE, .187 INCH	9XX
	W203	W203 TMS2	MHS5189–1181	SLEEVE, MARKER, CABLE, .187 INCH	9XX
	W203	W203 TSN1	MHS5187–8231	BOOT, TRANSITION, HEAT SHRINK	9XX
	W203	W203 TSN2	MHS5187–9221	BOOT, TRANSITION, CABLE, (Y)	9XX
	W204	J400	D38999/24KD18SN	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	9XX
	W204	J400	MHS5188–9180	BOOT, CONNECTOR, ELECTRICAL, STRAIGHT	9XX
	W204	J400	MHS5796ZR1508SN	ADAPTER, ELECTRICAL CONNECTOR, TINEL RING, 45 DEGREE	9XX
	W204	P301	MHS5471–1012	SOLDER SLEEVE	9XX
	W204	P301	MHS5650–4003–P	MODULE, SEALED PIN, 16 POSITION	9XX
	W204	P301	MS25036–148	TERMINAL LUG, RING TONGUE, RED–NO.4 STUD, 18–22 AWG	9XX
	W204	W204 BRD1	QQB575R36T0375	BRAID, WIRE, TUBULAR, 3/8 INCH DIAMETER.	9XX
	W204	W204 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W204	W204 MRK2	MHS4910–1001	MARKER, CABLE	9XX
	W204	W204 SLV1	M23053/16–003–0	SLEEVING, INSULATED, ELECTRICAL, HEAT SHRINK, .50 ID, BLACK	9XX
	W204	W204 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W204	W204 TMS1	MHS5189–1181	SLEEVE, MARKER, CABLE, .187 INCH	9XX
	W205	J401	D38999/24KD18SN	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	9XX
	W205	J401	MHS5188–9180	BOOT, CONNECTOR, ELECTRICAL, STRAIGHT	9XX
	W205	J401	MHS5796ZR1508SN	ADAPTER, ELECTRICAL CONNECTOR, TINEL RING, 45 DEGREE	9XX
	W205	P301	MHS5471–1012	SOLDER SLEEVE	9XX
	W205	P301	MHS5650–4003–P	MODULE, SEALED PIN, 16 POSITION	9XX
	W205	P301	MS25036–148	TERMINAL LUG, RING TONGUE, RED–NO.4 STUD, 18–22 AWG	9XX
	W205	W205 BRD1	QQB575R36T0375	BRAID, WIRE, TUBULAR, 3/8 INCH DIAMETER.	9XX
	W205	W205 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W205	W205 MRK2	MHS4910–1001	MARKER, CABLE	9XX
	W205	W205 SLV1	M23053/16–003–0	SLEEVING, INSULATED, ELECTRICAL, HEAT SHRINK, .50 ID, BLACK	9XX

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W205	W205 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W205	W205 TMS1	MHS5189–1181	SLEEVE, MARKER, CABLE, .187 INCH	9XX
	W207	J108	MHS5647MB35SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	9XX
	W207	J108	M85049/39S11W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	9XX
	W207	J113	M85049/51S14W	CONNECTOR, BACKSHELL, ELECTRICAL, SELF–LOCKING	9XX
	W207	J113	MS3450W14S–5S	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD	9XX
	W207	J155	MHS5647MJ35SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	9XX
	W207	J155	M85049/39S25W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	9XX
	W207	J155	NAS43DD3–32	SPACER, SLEEVE–SCREW AND BOLT	9XX
	W207	J207	MHS5650–4001–S	MODULE, SEALED SOCKET, 9 POSITION	9XX
	W207	J207	MHS5650–4003–S	MODULE, SEALED SOCKET, 16 POSITION	9XX
	W207	J301	MHS5650–067J	RECEPTACLE, HOUSING, 6 POSITION	9XX
	W207	J301	MHS5650–4001–S	MODULE, SEALED SOCKET, 9 POSITION	9XX
	W207	J301	MHS5650–4003–S	MODULE, SEALED SOCKET, 16 POSITION	9XX
	W207	J301	MHS5650–5300	ADAPTER, EMI, W/STRAIN RELIEF, 3 POSITION	9XX
	W207	J333	MHS5650–067J	RECEPTACLE, HOUSING, 6 POSITION	9XX
	W207	J333	MHS5650–4003–S	MODULE, SEALED SOCKET, 16 POSITION	9XX
	W207	J333	MHS5650–5300	ADAPTER, EMI, W/STRAIN RELIEF, 3 POSITION	9XX
	W207	J335	MHS5650–067J	RECEPTACLE, HOUSING, 6 POSITION	9XX
	W207	J335	MHS5650–4003–S	MODULE, SEALED SOCKET, 16 POSITION	9XX
	W207	J335	MHS5650–5300	ADAPTER, EMI, W/STRAIN RELIEF, 3 POSITION	9XX
	W207	P102	MHS5659MF35SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W207	P102	M85049/39S19W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	9XX
	W207	P102	NAS43DD3–14	SPACER, SLEEVE–SCREW AND BOLT	9XX
	W207	P102 SP1	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	9XX
	W207	P102 SP10	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	9XX
	W207	P102 SP11	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	9XX
	W207	P102 SP2	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	9XX
	W207	P102 SP3	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	9XX
	W207	P102 SP4	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	9XX
	W207	P102 SP5	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	9XX
	W207	P102 SP6	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	9XX
	W207	P102 SP7	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	9XX
	W207	P102 SP8	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	9XX
	W207	P102 SP9	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	9XX
	W207	P103	MHS5659MF35SA	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W207	P103	M85049/39S19W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	9XX
	W207	P103	NAS43DD3–14	SPACER, SLEEVE–SCREW AND BOLT	9XX
	W207	P104	MHS5659MG41SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W207	P104	M85049/39S21W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	9XX
	W207	P104	NAS43DD3–7	SPACER, SLEEVE–SCREW AND BOLT	9XX

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W207	P105	MHS5659MG41SA	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W207	P105	M85049/39S21W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	9XX
	W207	P105	NAS43DD3–14	SPACER, SLEEVE–SCREW AND BOLT	9XX
	W207	P107	MHS5659MD35PA	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W207	P107	M85049/39S15W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	9XX
	W207	P107	NAS43DD0–24	SPACER, SLEEVE–SCREW AND BOLT	9XX
	W207	P107	NAS601–12	SCREW, MACHINE, AIRCRAFT, PAN HEAD	9XX
	W207	P112	DAMAM15S	CONNECTOR, ELECTRICAL, D–SUBMINIATURE	9XX
	W207	P112	MHS5330–1531	SLEEVING, EXPANDABLE, 1/4 INCH, FRAY RESISTANT	9XX
	W207	P112	M24308/25–9	SCREW, LOCK ASSEMBLY, MALE	9XX
	W207	P112	M85049/48–3–2	BACKSHELL, CONNECTOR, D–SUBMINIATURE	9XX
	W207	P119	MHS5650–067P	PLUG, HOUSING, 6 POSITION	9XX
	W207	P119	MHS5650–4001–P	MODULE, SEALED PIN, 9 POSITION	9XX
	W207	P119	MHS5650–4003–P	MODULE, SEALED PIN, 16 POSITION	9XX
	W207	P119	MHS5650–5300	ADAPTER, EMI, W/STRAIN RELIEF, 3 POSITION	9XX
	W207	P120	MHS5650–067P	PLUG, HOUSING, 6 POSITION	9XX
	W207	P120	MHS5650–4001–P	MODULE, SEALED PIN, 9 POSITION	9XX
	W207	P120	MHS5650–4003–P	MODULE, SEALED PIN, 16 POSITION	9XX
	W207	P120	MHS5650–5300	ADAPTER, EMI, W/STRAIN RELIEF, 3 POSITION	9XX
	W207	P150	MHS5659MD18SN	CONNECTOR, ELECTRICAL, PLUG, COMPOSITE	9XX
	W207	P150	M85049/38S15W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W207	P153	MHS5659MC35SN	CONNECTOR, ELECTRICAL, PLUG, COMPOSITE	9XX
	W207	P153	M85049/39S13W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	9XX
	W207	P153	NAS43DD0–24	SPACER, SLEEVE–SCREW AND BOLT	9XX
	W207	P153 SP1	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	9XX
	W207	P153 SP2	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	9XX
	W207	P207	MHS5650–4001–P	MODULE, SEALED PIN, 9 POSITION	9XX
	W207	W207 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W207	W207 MRK2	MHS4910–1001	MARKER, CABLE	9XX
	W207	W207 SP12	M81714/65–22–1	IN–LINE JUNCTION, SPLICE	9XX
	W207	W207 SP13	M81714/65–22–1	IN–LINE JUNCTION, SPLICE	9XX
	W207	W207 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W207	W207 TMS1	MHS5189–1091	SLEEVE, MARKER, CABLE, .093 INCH	9XX
	W207	W207 TMS2	MHS5189–1121	SLEEVE, MARKER, CABLE, .125 INCH	9XX
	W207	W207 TMS3	MHS5189–1181	SLEEVE, MARKER, CABLE, .187 INCH	9XX
	W209	J373	900P3690106–101	CONNECTOR, RECEPTACLE, ELECTRICAL, STRAIGHT	9XX
	W209	J374	900P3690106–101	CONNECTOR, RECEPTACLE, ELECTRICAL, STRAIGHT	9XX
	W209	J375	900P3690106–101	CONNECTOR, RECEPTACLE, ELECTRICAL, STRAIGHT	9XX
	W209	J376	900P3690106–101	CONNECTOR, RECEPTACLE, ELECTRICAL, STRAIGHT	9XX
	W209	J377	900P3690106–101	CONNECTOR, RECEPTACLE, ELECTRICAL, STRAIGHT	9XX
	W209	J379	900P3690106–101	CONNECTOR, RECEPTACLE, ELECTRICAL, STRAIGHT	9XX

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W209	J390	MHS5647MC98SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	9XX
	W209	J390	M85049/38S13W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W209	P303	MHS5650–067P	PLUG, HOUSING, 6 POSITION	9XX
	W209	P303	MHS5650–4001–P	MODULE, SEALED PIN, 9 POSITION	9XX
	W209	P303	MHS5650–5300	ADAPTER, EMI, W/STRAIN RELIEF, 3 POSITION	9XX
	W209	P303 SP1	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	9XX
	W209	P303 SP2	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	9XX
	W209	P335	MHS5650–067P	PLUG, HOUSING, 6 POSITION	9XX
	W209	P335	MHS5650–4003–P	MODULE, SEALED PIN, 16 POSITION	9XX
	W209	P335	MHS5650–5300	ADAPTER, EMI, W/STRAIN RELIEF, 3 POSITION	9XX
	W209	P340	M85049/52S24W	CONNECTOR, BACKSHELL, ELECTRICAL, SELF–LOCKING	9XX
	W209	P340	MS3459L24–28S	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	9XX
	W209	P341	M85049/52S24W	CONNECTOR, BACKSHELL, ELECTRICAL, SELF–LOCKING	9XX
	W209	P341	MS3459L24–28S	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	9XX
	W209	P342	M85049/52S12W	CONNECTOR, BACKSHELL, ELECTRICAL, SELF–LOCKING	9XX
	W209	P342	MS3459L12S–3S	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	9XX
	W209	P343	M85049/52S12W	CONNECTOR, BACKSHELL, ELECTRICAL, SELF–LOCKING	9XX
	W209	P343	MS3459L12S–3S	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	9XX
	W209	P344	MHS5650–067P	PLUG, HOUSING, 6 POSITION	9XX
	W209	P344	MHS5650–4001–S	MODULE, SEALED SOCKET, 9 POSITION	9XX
	W209	P344	MHS5650–5300	ADAPTER, EMI, W/STRAIN RELIEF, 3 POSITION	9XX
	W209	P344 SP1	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	9XX
	W209	P344 SP2	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	9XX
	W209	P352	D38999/26SC8SN	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT.	9XX
	W209	P352	M85049/39S13W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	9XX
	W209	P353	D38999/26SC8SN	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT.	9XX
	W209	P353	M85049/39S13W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	9XX
	W209	P370	MHS5659MC98SN	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT, COMPOSITE	9XX
	W209	P370	M85049/38S13W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W209	P371	MHS5659MC98SN	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT, COMPOSITE	9XX
	W209	P371	M85049/38S13W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W209	P372	MHS5659MC98SN	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT, COMPOSITE	9XX
	W209	P372	M85049/38S13W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W209	P410	M85049/51S8W	CONNECTOR, BACKSHELL, ELECTRICAL, SELF–LOCKING	9XX
	W209	P410	MS3476L8–98S	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	9XX
	W209	P410	NAS43HT1–4	SPACER, 1/16 INCH, NO.6	9XX
	W209	P411	M85049/51S8W	CONNECTOR, BACKSHELL, ELECTRICAL, SELF–LOCKING	9XX
	W209	P411	MS3476L8–98S	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	9XX
	W209	P411	NAS43HT1–4	SPACER, 1/16 INCH, NO.6	9XX
	W209	SP1	M81714/65–20–1	IN–LINE JUNCTION, SPLICE	9XX
	W209	SP2	M81714/65–22–1	IN–LINE JUNCTION, SPLICE	9XX

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W209	W209 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W209	W209 MRK2	MHS4910–1001	MARKER, CABLE	9XX
	W209	W209 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W209	W209 TMS1	MHS5189–1091	SLEEVE, MARKER, CABLE, .093 INCH	9XX
	W209	W209 TMS2	MHS5189–1121	SLEEVE, MARKER, CABLE, .125 INCH	9XX
	W211	J135	MS3181–8NA	DUST CAP, METAL WITH CHAIN	9XX
	W211	J135	PT00CE8–2S	CONNECTOR, ELECTRICAL, BULKHEAD MOUNTED	9XX
	W211	J137	MS3181–8NA	DUST CAP, METAL WITH CHAIN	9XX
	W211	J137	PT00CE8–2S	CONNECTOR, ELECTRICAL, BULKHEAD MOUNTED	9XX
	W211	J303	MHS5650–067J	RECEPTACLE, HOUSING, 6 POSITION	9XX
	W211	J303	MHS5650–4001–S	MODULE, SEALED SOCKET, 9 POSITION	9XX
	W211	J303	MHS5650–4003–S	MODULE, SEALED SOCKET, 16 POSITION	9XX
	W211	J303	MHS5650–5300	ADAPTER, EMI, W/STRAIN RELIEF, 3 POSITION	9XX
	W211	J305	MHS5650–067J	RECEPTACLE, HOUSING, 6 POSITION	9XX
	W211	J305	MHS5650–4001–S	MODULE, SEALED SOCKET, 9 POSITION	9XX
	W211	J305	MHS5650–4003–S	MODULE, SEALED SOCKET, 16 POSITION	9XX
	W211	J305	MHS5650–5300	ADAPTER, EMI, W/STRAIN RELIEF, 3 POSITION	9XX
	W211	J309	MHS5648MD18SN	CONNECTOR, RECEPTACLE, ELECTRICAL, COMPOSITE	9XX
	W211	J309	M85049/38S15W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W211	J600	MHS5647MB98SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	9XX
	W211	J600	M85049/38S11W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W211	J601	MHS5647MD5SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	9XX
	W211	J601	M85049/38S15W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W211	P203	MHS5650–067P	PLUG, HOUSING, 6 POSITION	9XX
	W211	P203	MHS5650–4001–P	MODULE, SEALED PIN, 9 POSITION	9XX
	W211	P203	MHS5650–4005–P	MODULE, SEALED PIN, 4 POSITION	9XX
	W211	P203	MHS5650–5300	ADAPTER, EMI, W/STRAIN RELIEF, 3 POSITION	9XX
	W211	P205	MHS5650–067P	PLUG, HOUSING, 6 POSITION	9XX
	W211	P205	MHS5650–4001–P	MODULE, SEALED PIN, 9 POSITION	9XX
	W211	P205	MHS5650–4003–P	MODULE, SEALED PIN, 16 POSITION	9XX
	W211	P205	MHS5650–4005–P	MODULE, SEALED PIN, 4 POSITION	9XX
	W211	P205	MHS5650–5300	ADAPTER, EMI, W/STRAIN RELIEF, 3 POSITION	9XX
	W211	P207	MHS5650–067P	PLUG, HOUSING, 6 POSITION	9XX
	W211	P207	MHS5650–4001–P	MODULE, SEALED PIN, 9 POSITION	9XX
	W211	P207	MHS5650–4003–P	MODULE, SEALED PIN, 16 POSITION	9XX
	W211	P207	MHS5650–5300	ADAPTER, EMI, W/STRAIN RELIEF, 3 POSITION	9XX
	W211	P350	D38999/26SA98SN	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	9XX
	W211	P350	M85049/39S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	9XX
	W211	P351	D38999/26SA98SN	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	9XX
	W211	P351	M85049/39S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	9XX
	W211	P355	D38999/26SC8SN	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT.	9XX

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W211	P355	M85049/39S13W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	9XX
	W211	P357	M85049/52S10W	CONNECTOR, BACKSHELL, ELECTRICAL, SELF–LOCKING	9XX
	W211	P357	MS3459LS10SL–3P	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT, SELF–LOCK	9XX
	W211	P358	M85049/52S10W	CONNECTOR, BACKSHELL, ELECTRICAL, SELF–LOCKING	9XX
	W211	P358	MS3459LS10SL–3S	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT, SELF–LOCK	9XX
	W211	P359	M85049/52S10W	CONNECTOR, BACKSHELL, ELECTRICAL, SELF–LOCKING	9XX
	W211	P359	MS3459LS10SL–3P	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT, SELF–LOCK	9XX
	W211	W211 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W211	W211 MRK2	MHS4910–1001	MARKER, CABLE	9XX
	W211	W211 SLV1	MHS5330–1531	SLEEVING, EXPANDABLE, 1/4 INCH, FRAY RESISTANT	9XX
	W211	W211 SLV2	MHS5330–1531	SLEEVING, EXPANDABLE, 1/4 INCH, FRAY RESISTANT	9XX
	W211	W211 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W211	W211 TMS1	MHS5189–1121	SLEEVE, MARKER, CABLE, .125 INCH	9XX
	W213	J222	D38999/24SB98SN	CONNECTOR, RECEPTACLE, ELECTRICAL, STRAIGHT	9XX
	W213	J222	MHS5188–9110	BOOT, CONNECTOR, ELECTRICAL, STRAIGHT	9XX
	W213	J222	MHS5796ZL1104SN	ADAPTER, ELECTRICAL CONNECTOR, TINEL RING, 90 DEGREE	9XX
	W213	J222	M23053/16–002–0	SLEEVING, INSULATED, ELECTRICAL, HEAT SHRINK, .375 ID, BLACK	9XX
	W213	J222	QQB575R36T0171	BRAID, WIRE, TUBULAR, 3/16 INCH DIAMETER.	9XX
	W213	J223	MHS5188–9110	BOOT, CONNECTOR, ELECTRICAL, STRAIGHT	9XX
	W213	J223	MHS5471–1012	SOLDER SLEEVE	9XX
	W213	J223	MHS5648MC98SN	CONNECTOR, RECEPTACLE, ELECTRICAL, COMPOSITE	9XX
	W213	J223	MHS5796ZL1304SN	ADAPTER, ELECTRICAL CONNECTOR, TINEL RING, 90 DEGREE	9XX
	W213	J223	QQB575R36T0250	BRAID, WIRE, TUBULAR, 1/4 INCH DIAMETER.	9XX
	W213	P207	MHS5471–1012	SOLDER SLEEVE	9XX
	W213	P207	MHS5650–4003–P	MODULE, SEALED PIN, 16 POSITION	9XX
	W213	P207	M23053/16–003–0	SLEEVING, INSULATED, ELECTRICAL, HEAT SHRINK, .50 ID, BLACK	9XX
	W213	W213 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W213	W213 MRK2	MHS4910–1001	MARKER, CABLE	9XX
	W213	W213 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W213	W213 TMS1	MHS5189–1121	SLEEVE, MARKER, CABLE, .125 INCH	9XX
	W213	W213 TMS2	MHS5189–1181	SLEEVE, MARKER, CABLE, .187 INCH	9XX
	W217	J423	D38999/20KJ61SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD	9XX
	W217	J423	M85049/38S25W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W217	J424	D38999/20KJ61SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD	9XX
	W217	J424	M85049/38S25W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W217	P301	MHS5650–067P	PLUG, HOUSING, 6 POSITION	9XX
	W217	P301	MHS5650–4003–P	MODULE, SEALED PIN, 16 POSITION	9XX
	W217	P301	MHS5650–5300	ADAPTER, EMI, W/STRAIN RELIEF, 3 POSITION	9XX
	W217	P301	MHS5650–6003P	BUSSING MODULE, 9 POSITION	9XX

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W217	P305	MHS5650–067P	PLUG, HOUSING, 6 POSITION	9XX
	W217	P305	MHS5650–4001–P	MODULE, SEALED PIN, 9 POSITION	9XX
	W217	P305	MHS5650–5300	ADAPTER, EMI, W/STRAIN RELIEF, 3 POSITION	9XX
	W217	P333	MHS5650–067P	PLUG, HOUSING, 6 POSITION	9XX
	W217	P333	MHS5650–4003–P	MODULE, SEALED PIN, 16 POSITION	9XX
	W217	P333	MHS5650–5300	ADAPTER, EMI, W/STRAIN RELIEF, 3 POSITION	9XX
	W217	P360	D38999/26SH53SN	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	9XX
	W217	P360	M85049/38S23W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W217	P361	D38999/26SH53SN	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	9XX
	W217	P361	M85049/38S23W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W217	P362	D38999/26SH53SA	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	9XX
	W217	P362	M85049/38S23W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W217	P363	D38999/26SH53SA	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	9XX
	W217	P363	M85049/38S23W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W217	W217 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W217	W217 MRK2	MHS4910–1001	MARKER, CABLE	9XX
	W217	W217 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W217	W217 TMS1	MHS5189–1121	SLEEVE, MARKER, CABLE, .125 INCH	9XX
	W217	W217 TMS2	MHS5189–1181	SLEEVE, MARKER, CABLE, .187 INCH	9XX
	W217	W217 TMS3	MHS5189–1251	SLEEVE, MARKER, CABLE, .250 INCH	9XX
	W223	P390	MHS5471–1009	SOLDER SLEEVE	9XX
	W223	P390	MHS5658ZS1304C	ADAPTER, ELECTRICAL CONNECTOR, BRAID SHIELD, SELF–LOCK, COMPOSITE	9XX
	W223	P390	MHS5659MC98PN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W223	P390	M23053/16–003–0	SLEEVING, INSULATED, ELECTRICAL, HEAT SHRINK, .50 ID, BLACK	9XX
	W223	P390	MS35489–15	GROMMET, RUBBER, OIL RESISTANT	9XX
	W223	P433	MHS5471–1009	SOLDER SLEEVE	9XX
	W223	P433	MHS5658ZS0901C	ADAPTER, ELECTRICAL CONNECTOR, BRAID SHIELD, SELF–LOCK, COMPOSITE	9XX
	W223	P433	MHS5659MA98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W223	P433	M23053/16–001–0	SLEEVING, INSULATED, ELECTRICAL, HEAT SHRINK, .250 ID, BLACK	9XX
	W223	P433	M23053/5–105–0	SLEEVING, INSULATED, ELECTRICAL, HEAT SHRINK, .187 ID, BLACK	9XX
	W223	P434	900E3752425–101	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	9XX
	W223	P434	MHS5471–1009	SOLDER SLEEVE	9XX
	W223	P434	MHS5658YS0801C	ADAPTER, ELECTRICAL CONNECTOR, BRAID SHIELD, SELF–LOCK, COMPOSITE	9XX
	W223	P434	M23053/16–001–0	SLEEVING, INSULATED, ELECTRICAL, HEAT SHRINK, .250 ID, BLACK	9XX
	W223	P434	M23053/5–105–0	SLEEVING, INSULATED, ELECTRICAL, HEAT SHRINK, .187 ID, BLACK	9XX
	W223	W223 MRK1	MHS5189–1501	SLEEVE, MARKER, CABLE, .475 INCH	9XX
	W223	W223 MRK2	MHS4910–1002	MARKER, CABLE	9XX

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W223	W223 TMS1	MHS5189–1121	SLEEVE, MARKER, CABLE, .125 INCH	9XX
	W223	W223 TMS2	MHS5189–1251	SLEEVE, MARKER, CABLE, .250 INCH	9XX
	W230	P155	MHS5659MJ35PN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W230	P155	M85049/38S25W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W230	P411	MHS5659MB98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W230	P411	M85049/38S11W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W230	P412	MHS5659MB98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W230	P412	M85049/38S11W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W230	P413	MHS5659MA98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W230	P413	M85049/38S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W230	P414	MHS5659MA98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W230	P414	M85049/38S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W230	P415	MHS5659MA98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W230	P415	M85049/38S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W230	P416	MHS5659MA98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W230	P416	M85049/38S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W230	P417	D38999/26SC8SN	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT.	9XX
	W230	P417	M85049/38S13W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W230	P425	MHS5659MA98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W230	P425	M85049/38S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W230	P427	MHS5659MA98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W230	P427	M85049/38S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W230	P428	MHS5659MB98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W230	P428	M85049/38S11W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W230	P429	MHS5659MB98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W230	P429	M85049/38S11W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W230	P430	MHS5659MA98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W230	P430	M85049/38S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W230	P431	900E3752425–101	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	9XX
	W230	P431	M85049/49–2–8W	CONNECTOR, ELECTRICAL, STRAIN RELIEF, STRAIGHT	9XX
	W230	P432	900E3752425–101	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT	9XX
	W230	P432	M85049/49–2–8W	CONNECTOR, ELECTRICAL, STRAIN RELIEF, STRAIGHT	9XX
	W230	W230 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W230	W230 MRK2	MHS4910–1001	MARKER, CABLE	9XX
	W230	W230 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W230	W230 TMS1	MHS5189–1181	SLEEVE, MARKER, CABLE, .187 INCH	9XX
	W301	J310	MHS5648MD18SN	CONNECTOR, RECEPTACLE, ELECTRICAL, COMPOSITE	9XX
	W301	J310	M85049/38S15N	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING STRAIGHT	9XX
	W301	P309	MHS5659MD18PN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W301	P309	M85049/38S15N	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING STRAIGHT	9XX
	W301	W301 BRD1	MHS5330–1039	SLEEVING INSULATED, EXPANDABLE, 1/2 INCH DIAMETER	9XX
	W301	W301 MRK1	MHS4910–1002	MARKER, CABLE	9XX

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W301	W301 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W301	W301 TMS1	MHS5189–1181	SLEEVE, MARKER, CABLE, .187 INCH	9XX
	W303	J311	MHS5648MC98SN	CONNECTOR, RECEPTACLE, ELECTRICAL, COMPOSITE	9XX
	W303	J311	M85049/38S13W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W303	J312	MHS5648MC98SN	CONNECTOR, RECEPTACLE, ELECTRICAL, COMPOSITE	9XX
	W303	J312	M85049/38S13W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W303	P310	MHS5659MD18PN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W303	P310	M85049/38S15N	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING STRAIGHT	9XX
	W303	W303 BRD1	MHS5330–1039	SLEEVING INSULATED, EXPANDABLE, 1/2 INCH DIAMETER	9XX
	W303	W303 BRD2	MHS5330–1031	SLEEVING INSULATED, EXPANDABLE, 1/4 INCH DIAMETER	9XX
	W303	W303 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W303	W303 MRK2	MHS4910–1001	MARKER, CABLE	9XX
	W303	W303 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W303	W303 TMS1	MHS5189–1251	SLEEVE, MARKER, CABLE, .250 INCH	9XX
	W304	P500	M85049/49–2S14W	CONNECTOR, BACKSHELL, ELECTRICAL, SELF–LOCKING	9XX
	W304	P500	MS27473T14B5S	CONNECTOR, ELECTRICAL, PLUG	9XX
	W304	P501	M85049/49–2S14W	CONNECTOR, BACKSHELL, ELECTRICAL, SELF–LOCKING	9XX
	W304	P501	MS27473T14B5S	CONNECTOR, ELECTRICAL, PLUG	9XX
	W304	W304 MRK1	MHS4910–1001	MARKER, CABLE	9XX
	W304	W304 MRK2	MHS4910–1002	MARKER, CABLE	9XX
	W304	W304 SP1	M81714/65–16–1	IN–LINE JUNCTION, SPLICE	00035–99999
	W304	W304 SP10	M81714/65–16–1	IN–LINE JUNCTION, SPLICE	00035–99999
	W304	W304 SP11	M81714/65–16–1	IN–LINE JUNCTION, SPLICE	00035–99999
	W304	W304 SP12	M81714/65–16–1	IN–LINE JUNCTION, SPLICE	00035–99999
	W304	W304 SP2	M81714/65–16–1	IN–LINE JUNCTION, SPLICE	00035–99999
	W304	W304 SP3	M81714/65–16–1	IN–LINE JUNCTION, SPLICE	00035–99999
	W304	W304 SP4	M81714/65–16–1	IN–LINE JUNCTION, SPLICE	00035–99999
	W304	W304 SP5	M81714/65–16–1	IN–LINE JUNCTION, SPLICE	00035–99999
	W304	W304 SP6	M81714/65–16–1	IN–LINE JUNCTION, SPLICE	00035–99999
	W304	W304 SP7	M81714/65–16–1	IN–LINE JUNCTION, SPLICE	00035–99999
	W304	W304 SP8	M81714/65–16–1	IN–LINE JUNCTION, SPLICE	00035–99999
	W304	W304 SP9	M81714/65–16–1	IN–LINE JUNCTION, SPLICE	00035–99999
	W304	W304 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W304	W304 TMS1	MHS5189–1121	SLEEVE, MARKER, CABLE, .125 INCH	9XX
	W305	P155	MHS5659MJ4PN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	00010–00010
	W305	P155	M85049/39S25W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	00010–00010
	W305	P502	MHS5659MA98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W305	P502	M85049/39S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	9XX
	W305	P502	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	9XX
	W305	P503	MHS5659MA98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W305	P503	M85049/39S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	9XX
	W305	P503	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	9XX

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W305	P516	D38999/47WE6SN	CONNECTOR, PLUG, ELECTRICAL	9XX
	W305	P516	M85049/39S17W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	9XX
	W305	P516 SP1	M81824/1–3	SPLICE, ELECTRICAL, CRIMP, INSULATED, YELLOW	9XX
	W305	W305 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W305	W305 MRK2	MHS4910–1001	MARKER, CABLE	9XX
	W305	W305 SP1	M81714/65–16–1	IN–LINE JUNCTION, SPLICE	9XX
	W305	W305 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W305	W305 TMS1	MHS5189–1121	SLEEVE, MARKER, CABLE, .125 INCH	9XX
	W305	W305 TMS2	MHS5189–1091	SLEEVE, MARKER, CABLE, .093 INCH	9XX
	W305	W305 TMS3	MHS5189–1181	SLEEVE, MARKER, CABLE, .187 INCH	9XX
	W306	P513	M85049/47SW14	CONNECTOR, BACKSHELL, ELECTRICAL, SELF–LOCKING	00012–99999
	W306	P513	MS27473T14F5S	CONNECTOR, PLUG, ELECTRICAL	00012–99999
	W306	W306 MRK1	MHS4910–1002	MARKER, CABLE	00012–99999
	W306	W306 MRK2	MHS4910–1001	MARKER, CABLE	00012–99999
	W306	W306 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	00012–99999
	W307	P302	MHS5659MB35PN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W307	P302	M85049/38S11W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W307	P302	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	9XX
	W307	P302 SP1	M81824/1–1	SPLICE, ELECTRICAL, CRIMP, INSULATED, RED	9XX
	W307	P302 SP2	M81824/1–1	SPLICE, ELECTRICAL, CRIMP, INSULATED, RED	9XX
	W307	P507	MHS5659MA98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W307	P508	MHS5659MA98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W307	P509	MHS5659MA98SA	CONNECTOR, ELECTRICAL, PLUG, COMPOSITE	9XX
	W307	P510	MHS5659MA98SA	CONNECTOR, ELECTRICAL, PLUG, COMPOSITE	9XX
	W307	P511	MHS5659MA98SB	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W307	P512	MHS5659MA98SB	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W307	W307 BRD1	MHS5330–1524	SLEEVING, EXPANDABLE, 1/8 INCH, FRAY RESISTANT	9XX
	W307	W307 BRD2	MHS5330–1531	SLEEVING, EXPANDABLE, 1/4 INCH, FRAY RESISTANT	9XX
	W307	W307 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W307	W307 MRK2	MHS4910–1001	MARKER, CABLE	9XX
	W307	W307 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W309	J161	900P3690106–101	CONNECTOR, RECEPTACLE, ELECTRICAL, STRAIGHT	9XX
	W309	J478	900P3690106–101	CONNECTOR, RECEPTACLE, ELECTRICAL, STRAIGHT	9XX
	W309	W309 MKR1	MHS4910–1002	MARKER, CABLE	9XX
	W309	W309 MKR2	MHS4910–1001	MARKER, CABLE	9XX
	W309	W309 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W309	W309 TMS1	MHS5189–1091	SLEEVE, MARKER, CABLE, .093 INCH	9XX
	W310	P517	MHS5659MA98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W310	P517	M85049/39S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	9XX
	W310	P517	NAS43DD1–6	SPACER, 3/32 INCH, NO.6	9XX
	W310	P518	MHS5659MB98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W310	P518	MHS5842ZR1102L	BACKSHELL, TAG RING, EMI, SELF–LOCKING, 90 DEGREE	9XX

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W310	P519	MHS5659MA98SA	CONNECTOR, ELECTRICAL, PLUG, COMPOSITE	9XX
	W310	P519	M85049/38S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W310	P520	MHS5659MA98SA	CONNECTOR, ELECTRICAL, PLUG, COMPOSITE	9XX
	W310	P520	M85049/38S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W311	J520	D38999/20KB5SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD MOUNTED	9XX
	W311	J520	M85049/38S11S	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W311	J521	D38999/20KB5SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD MOUNTED	9XX
	W311	J521	M85049/38S11S	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W311	W311 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W311	W311 MRK2	MHS4910–1001	MARKER, CABLE	9XX
	W311	W311 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W311	W311 TMS1	MHS5189–1091	SLEEVE, MARKER, CABLE, .093 INCH	9XX
	W312	P441	D38999/26JA35SN	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W312	P441	M85049/39S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	902
	W312	P442	D38999/26JA35SN	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W312	P442	M85049/39S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	902
	W312	W312 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W312	W312 MRK2	MHS4910–1001	MARKER, CABLE	902
	W312	W312 SP1	M81714/65–22–1	IN–LINE JUNCTION, SPLICE	9XX
	W312	W312 SP10	MHS4946–42	SPLICE, CRIMP, IN–LINE	902
	W312	W312 SP2	M81714/65–22–1	IN–LINE JUNCTION, SPLICE	9XX
	W312	W312 SP3	M81714/65–22–1	IN–LINE JUNCTION, SPLICE	9XX
	W312	W312 SP4	M81714/65–22–1	IN–LINE JUNCTION, SPLICE	9XX
	W312	W312 SP5	M81714/65–20–1	IN–LINE JUNCTION, SPLICE	9XX
	W312	W312 SP6	M81714/65–20–1	IN–LINE JUNCTION, SPLICE	9XX
	W312	W312 SP7	M81714/65–20–1	IN–LINE JUNCTION, SPLICE	9XX
	W312	W312 SP8	M81714/65–20–1	IN–LINE JUNCTION, SPLICE	9XX
	W312	W312 SP9	MHS4946–42	SPLICE, CRIMP, IN–LINE	902
	W312	W312 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W312	W312 TMS1	MHS5189–1091	SLEEVE, MARKER, CABLE, .093 INCH	900
	W312	W312 TMS1	MHS5189–1091	SLEEVE, MARKER, CABLE, .093 INCH	902
	W313	P522	MHS5659MA98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	00010–99999
	W313	P522	M85049/39S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, 90 DEGREE	00010–99999
	W313	P523	MHS5659MA98SN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W313	P523	M85049/38S9W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W313	W313 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W313	W313 MRK2	MHS4910–1001	MARKER, CABLE	9XX
	W313	W313 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W314	J504	D38999/20MD5SN	CONNECTOR, RECEPTACLE, ELECTRICAL, COMPOSITE	00035–99999

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W314	J504	MHS5647MD5SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	00010–00034
	W314	J504	M85049/38S15W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	00010–00034
	W314	J504 SP1	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	9XX
	W314	J504 SP2	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	9XX
	W314	J505	D38999/20MB98SN	CONNECTOR, RECEPTACLE, ELECTRICAL, COMPOSITE	00035–99999
	W314	J505	MHS5647MB98SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	00010–00034
	W314	J505	M85049/38S11W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	00010–00034
	W314	P505	D38999/26JB98PN	CONNECTOR, PLUG, ELECTRICAL, CIRCULAR, STRAIGHT, SER III, COMPOSITE	902
	W314	P505	MHS5981Z11L	CAP, SHORTING PLUG W/LANYARD	902
	W314	P505 R1	RLR32C1001FS	RESISTOR, FIXED, 1K, 1W	902
	W314	P600	ABC16C–7000	CONNECTOR, SHELL, PLUG, ELECTRICAL, 1 INCH	9XX
	W314	P600	MHS5565A9001	MODULE, 10 POSITION, 22 AWG, PIN	9XX
	W314	P600	MHS5565B9005	MODULE, 4 POSITION, 2–22 AWG, 2–16 AWG, PIN	9XX
	W314	W314 MRK1	MHS4910–1001	MARKER, CABLE	9XX
	W314	W314 MRK2	MHS4910–1002	MARKER, CABLE	9XX
	W314	W314 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W314	W314 TMS1	MHS5189–1181	SLEEVE, MARKER, CABLE, .187 INCH	9XX
	W401	J802	KC–19–328–M06	JACK, PANEL MOUNTED, BNC	9XX
	W401	P801	030–00101–0002	PLUG, BNC, PANEL MOUNTED	9XX
	W401	W401 TMS1	MHS5189–1251	SLEEVE, MARKER, CABLE, .250 INCH	9XX
	W403	J804	KC–19–328–M06	JACK, PANEL MOUNTED, BNC	9XX
	W403	P802	M39012/16B0005	CONNECTOR, COAX, BNC	9XX
	W403	W403 TMS1	MHS5189–1251	SLEEVE, MARKER, CABLE, .250 INCH	9XX
	W405	P805	M39012/16B0005	CONNECTOR, COAX, BNC	9XX
	W405	P806	M39012/16B0005	CONNECTOR, COAX, BNC	9XX
	W405	W405 TMS1	MHS5189–1251	SLEEVE, MARKER, CABLE, .250 INCH	9XX
	W407	J813	KC–19–328–M06	JACK, PANEL MOUNTED, BNC	9XX
	W407	P812	030–00101–0002	PLUG, BNC, PANEL MOUNTED	9XX
	W407	W407 TMS1	MHS5189–1251	SLEEVE, MARKER, CABLE, .250 INCH	9XX
	W409	J814	KC–19–328–M06	JACK, PANEL MOUNTED, BNC	00010–99999
	W409	P813	M39012/16B0005	CONNECTOR, COAX, BNC	9XX
	W409	W409 TMS1	MHS5189–1251	SLEEVE, MARKER, CABLE, .250 INCH	9XX
	W411	P814	M39012/16B0005	CONNECTOR, COAX, BNC	00010–99999
	W411	P815	M39012/16B0005	CONNECTOR, COAX, BNC	00010–99999
	W411	W411 TMS1	MHS5189–1251	SLEEVE, MARKER, CABLE, .250 INCH	9XX
	W413	P501	20–21–050	CONNECTOR, ELECTRICAL, 50 PIN	9XX
	W413	P501	20–27–004	SLIDE LOCK ASSEMBLY	9XX
	W413	P501	20–29–051	HOOD, CLAMSHELL, SIZE DD	9XX
	W413	P502	20–21–037	CONNECTOR, ELECTRICAL, 37 PIN	9XX
	W413	P502	20–27–004	SLIDE LOCK ASSEMBLY	9XX

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W413	P502	20–29–038	HOOD, CLAMSHELL, SIZE DC	9XX
	W413	P800	030–01094–0080	CONNECTOR, ELECTRICAL, RECTANGULAR, 30 POSITION	9XX
	W413	P800	MHS5330–1539	SLEEVING, EXPANDABLE, 1/2 INCH, FRAY RESISTANT	9XX
	W413	P807	030–01094–0060	CONNECTOR, ELECTRICAL, RECTANGULAR, 18 POSITION	9XX
	W413	P807	073–00431–0003	CONNECTOR PLATE, CASTING	9XX
	W413	P807	089–05878–0010	SCREW, PHILLIPS HEAD, 4–40X5/8 INCH	9XX
	W413	P807	MHS5330–1539	SLEEVING, EXPANDABLE, 1/2 INCH, FRAY RESISTANT	9XX
	W413	P808	030–01094–0059	CONNECTOR, ELECTRICAL, RECTANGULAR, 15 POSITION	9XX
	W413	P808	089–05878–0010	SCREW, PHILLIPS HEAD, 4–40X5/8 INCH	9XX
	W413	P808	MHS5330–1539	SLEEVING, EXPANDABLE, 1/2 INCH, FRAY RESISTANT	9XX
	W413	P808 SP2	M81824/1–3	SPLICE, ELECTRICAL, CRIMP, INSULATED, YELLOW	9XX
	W413	P809	030–02272–0000	CONNECTOR, PLUG, ELECTRICAL	9XX
	W413	P809	MHS5330–1531	SLEEVING, EXPANDABLE, 1/4 INCH, FRAY RESISTANT	9XX
	W413	P818	030–02211–0000	CONNECTOR, PLUG, ELECTRICAL, 32 PIN	9XX
	W413	P818 SP1	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	9XX
	W413	P819	030–02210–0006	CONNECTOR, PLUG, ELECTRICAL, 19 PIN	9XX
	W413	P819	MHS5330–1531	SLEEVING, EXPANDABLE, 1/4 INCH, FRAY RESISTANT	9XX
	W413	P824	030–01094–0002	CONNECTOR, ELECTRICAL, RECTANGULAR, 24 POSITION	9XX
	W413	P824	030–01096–0000	KEY, POLARIZING	9XX
	W413	P824	MHS5330–1539	SLEEVING, EXPANDABLE, 1/2 INCH, FRAY RESISTANT	9XX
	W413	P827	MHS5659MB35PN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W413	P834	MHS5330–1531	SLEEVING, EXPANDABLE, 1/4 INCH, FRAY RESISTANT	9XX
	W413	P834	MS3116E8–4S	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT(SOLDER)	9XX
	W413	W413 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W413	W413 MRK2	MHS4910–1001	MARKER, CABLE	9XX
	W417	P825	030–00101–0002	PLUG, BNC, PANEL MOUNTED	9XX
	W417	P825	089–08094–0030	WASHER, FLAT	9XX
	W417	P825	089–08168–0002	WASHER, SPRING	9XX
	W417	P825	090–00019–0007	SNAP RING	9XX
	W417	P826	M39012/16B0005	CONNECTOR, COAX, BNC	9XX
	W417	W417 TMS1	MHS5189–1251	SLEEVE, MARKER, CABLE, .250 INCH	9XX
	W419	P835	030–00101–0002	PLUG, BNC, PANEL MOUNTED	9XX
	W419	P836	M39012/16B0005	CONNECTOR, COAX, BNC	9XX
	W419	W419 TMS1	MHS5189–1251	SLEEVE, MARKER, CABLE, .250 INCH	9XX
	W421	P837	030–00101–0002	PLUG, BNC, PANEL MOUNTED	9XX
	W421	P838	M39012/16B0005	CONNECTOR, COAX, BNC	9XX
	W423	P820	M39012/26–0011	CONNECTOR, COAX, TNC	9XX
	W423	P821	M39012/26–0011	CONNECTOR, COAX, TNC	9XX
	W423	W423 TMS1	MHS5189–1251	SLEEVE, MARKER, CABLE, .250 INCH	9XX
	W425	P822	M39012/26–0011	CONNECTOR, COAX, TNC	9XX
	W425	P823	M39012/26–0011	CONNECTOR, COAX, TNC	9XX
	W425	W425 TMS1	MHS5189–1251	SLEEVE, MARKER, CABLE, .250 INCH	9XX

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W430	2 J813	KC–19–328–M06	JACK, PANEL MOUNTED, BNC	00010–99999
	W430	2 P812	030–00101–0002	PLUG, BNC, PANEL MOUNTED	00010–99999
	W430	2 P812	090–00019–0007	SNAP RING	00010–99999
	W430	W430 MRK1	MHS4910–1002	MARKER, CABLE	00010–99999
	W430	W430 MRK2	MHS5189–1251	SLEEVE, MARKER, CABLE, .250 INCH	00010–99999
	W431	2 J814	KC–19–328–M06	JACK, PANEL MOUNTED, BNC	00010–99999
	W431	2 P813	M39012/16B0005	CONNECTOR, COAX, BNC	00010–99999
	W431	W431 MRK1	MHS4910–1002	MARKER, CABLE	00010–99999
	W431	W431 MRK2	MHS5189–1251	SLEEVE, MARKER, CABLE, .250 INCH	00010–99999
	W432	2 P814	M39012/16B0005	CONNECTOR, COAX, BNC	00010–99999
	W432	2 P815	M39012/16B0005	CONNECTOR, COAX, BNC	00010–99999
	W432	W431 MRK1	MHS4910–1002	MARKER, CABLE	00010–99999
	W432	W431 MRK2	MHS5189–1251	SLEEVE, MARKER, CABLE, .250 INCH	00010–99999
	W433	P838	030–00101–0002	PLUG, BNC, PANEL MOUNTED	00015–99999
	W433	P839	030–00134–0000	CONNECTOR, COAX, TNC	00015–99999
	W433	W433	MHS5189–1251	SLEEVE, MARKER, CABLE, .250 INCH	00015–99999
	W434	J841	KC–19–328–M06	JACK, PANEL MOUNTED, BNC	00015–99999
	W434	P840	030–00101–0002	PLUG, BNC, PANEL MOUNTED	00015–99999
	W434	W434 TMS1	MHS5189–1251	SLEEVE, MARKER, CABLE, .250 INCH	00015–99999
	W435	J842	KC–19–328–M06	JACK, PANEL MOUNTED, BNC	00015–99999
	W435	P841	M39012/16B0005	CONNECTOR, COAX, BNC	00015–99999
	W435	W435 TMS1	MHS5189–1251	SLEEVE, MARKER, CABLE, .250 INCH	00015–99999
	W436	P842	M39012/16B0005	CONNECTOR, COAX, BNC	00015–99999
	W436	P843	M39012/16B0005	CONNECTOR, COAX, BNC	00015–99999
	W436	W436 TMS1	MHS5189–1251	SLEEVE, MARKER, CABLE, .250 INCH	00015–99999
	W451	P834	MS3116E8–4S	CONNECTOR, PLUG, ELECTRICAL, STRAIGHT(SOLDER)	9XX
	W451	W451 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W451	W451 MRK2	MHS4910–1001	MARKER, CABLE	9XX
	W451	W451 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W451	W451 TMS1	MHS5189–1091	SLEEVE, MARKER, CABLE, .093 INCH	9XX
	W452	P501	20–21–050	CONNECTOR, ELECTRICAL, 50 PIN	9XX
	W452	P501	20–27–004	SLIDE LOCK ASSEMBLY	9XX
	W452	P501	20–29–051	HOOD, CLAMSHELL, SIZE DD	9XX
	W452	P502	20–21–037	CONNECTOR, ELECTRICAL, 37 PIN	9XX
	W452	P502	20–27–004	SLIDE LOCK ASSEMBLY	9XX
	W452	P502	20–29–038	HOOD, CLAMSHELL, SIZE DC	9XX
	W452	W452 MRK1	MHS4910–1001	MARKER, CABLE	9XX
	W452	W452 MRK2	MHS4910–1002	MARKER, CABLE	9XX
	W452	W452 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W452	W452 TMS1	MHS5189–1091	SLEEVE, MARKER, CABLE, .093 INCH	9XX
	W452	W452 TMS2	MHS5189–1181	SLEEVE, MARKER, CABLE, .187 INCH	9XX
	W453	P807	030–01094–0060	CONNECTOR, ELECTRICAL, RECTANGULAR, 18 POSITION	9XX

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W453	P807	073–00431–0003	CONNECTOR PLATE, CASTING	9XX
	W453	P807	089–05878–0010	SCREW, PHILLIPS HEAD, 4–40X5/8 INCH	9XX
	W453	P807	MHS5330–1531	SLEEVING, EXPANDABLE, 1/4 INCH, FRAY RESISTANT	9XX
	W453	P808	030–01094–0059	CONNECTOR, ELECTRICAL, RECTANGULAR, 15 POSITION	9XX
	W453	P808	089–05878–0010	SCREW, PHILLIPS HEAD, 4–40X5/8 INCH	9XX
	W453	P808	MHS5330–1531	SLEEVING, EXPANDABLE, 1/4 INCH, FRAY RESISTANT	9XX
	W453	P808 SP1	M81824/1–3	SPLICE, ELECTRICAL, CRIMP, INSULATED, YELLOW	9XX
	W453	P808 SP2	MHS4946–59	SPLICE, CONDUCTOR, SEALED, CRIMP, YELLOW	9XX
	W453	P809	030–02272–0000	CONNECTOR, PLUG, ELECTRICAL	9XX
	W453	P809	MHS5330–1531	SLEEVING, EXPANDABLE, 1/4 INCH, FRAY RESISTANT	9XX
	W453	W453 MRK1	MHS4910–1002	MARKER, CABLE	9XX
	W453	W453 MRK2	MHS4910–1001	MARKER, CABLE	9XX
	W453	W453 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W453	W453 TMS1	MHS5189–1091	SLEEVE, MARKER, CABLE, .093 INCH	9XX
	W453	W453 TMS2	MHS5189–1181	SLEEVE, MARKER, CABLE, .187 INCH	9XX
	W454	P818	030–02211–0000	CONNECTOR, PLUG, ELECTRICAL, 32 PIN	9XX
	W454	P818 SP1	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	9XX
	W454	P818 SP2	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	9XX
	W454	P819	030–02210–0006	CONNECTOR, PLUG, ELECTRICAL, 19 PIN	9XX
	W454	P819	MHS5330–1531	SLEEVING, EXPANDABLE, 1/4 INCH, FRAY RESISTANT	9XX
	W454	W454 MRK1	MHS4910–1001	MARKER, CABLE	9XX
	W454	W454 MRK2	MHS4910–1002	MARKER, CABLE	9XX
	W454	W454 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W454	W454 TMS1	MHS5189–1091	SLEEVE, MARKER, CABLE, .093 INCH	9XX
	W455	P824	030–01094–0002	CONNECTOR, ELECTRICAL, RECTANGULAR, 24 POSITION	9XX
	W455	P824	030–01096–0000	KEY, POLARIZING	9XX
	W455	P824	MHS5330–1539	SLEEVING, EXPANDABLE, 1/2 INCH, FRAY RESISTANT	9XX
	W455	P824	M23053/5–102–9	SLEEVING, INSULATED, ELECTRICAL, HEAT SHRINK, .063 ID, WHITE	9XX
	W455	P824 SP1	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	9XX
	W455	P827	MHS5659MB35PN	CONNECTOR, PLUG, ELECTRICAL, COMPOSITE	9XX
	W455	P827	M85049/38S11W	STRAIN RELIEF, ELECTRICAL, SELF–LOCKING, STRAIGHT	9XX
	W455	W455 MRK1	MHS4910–1001	MARKER, CABLE	9XX
	W455	W455 MRK2	MHS4910–1002	MARKER, CABLE	9XX
	W455	W455 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W455	W455 TMS1	MHS5189–1091	SLEEVE, MARKER, CABLE, .093 INCH	9XX
	W463	2 P807	030–01094–0060	CONNECTOR, ELECTRICAL, RECTANGULAR, 18 POSITION	9XX
	W463	2 P807	073–00431–0003	CONNECTOR PLATE, CASTING	9XX
	W463	2 P807	089–05878–0010	SCREW, PHILLIPS HEAD, 4–40X5/8 INCH	9XX
	W463	2 P807	MHS5330–1539	SLEEVING, EXPANDABLE, 1/2 INCH, FRAY RESISTANT	9XX
	W463	2 P807 SP1	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	9XX
	W463	2 P808	030–01094–0059	CONNECTOR, ELECTRICAL, RECTANGULAR, 15 POSITION	9XX

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W463	2 P808	089–05878–0010	SCREW, PHILLIPS HEAD, 4–40X5/8 INCH	9XX
	W463	2 P808	MHS5330–1539	SLEEVING, EXPANDABLE, 1/2 INCH, FRAY RESISTANT	9XX
	W463	2 P808 SP1	M81824/1–3	SPLICE, ELECTRICAL, CRIMP, INSULATED, YELLOW	9XX
	W463	2 P808 SP2	M81824/1–3	SPLICE, ELECTRICAL, CRIMP, INSULATED, YELLOW	9XX
	W463	2 P809	030–02272–0000	CONNECTOR, PLUG, ELECTRICAL	9XX
	W463	2 P809	MHS5330–1531	SLEEVING, EXPANDABLE, 1/4 INCH, FRAY RESISTANT	9XX
	W463	W463 MRK1	MHS4910–1001	MARKER, CABLE	9XX
	W463	W463 MRK2	MHS4910–1002	MARKER, CABLE	9XX
	W463	W463 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
	W464	P807	030–01094–0060	CONNECTOR, ELECTRICAL, RECTANGULAR, 18 POSITION	00012–99999
	W464	P807	073–00431–0003	CONNECTOR PLATE, CASTING	00012–99999
	W464	P807	089–05878–0010	SCREW, PHILLIPS HEAD, 4–40X5/8 INCH	00012–99999
	W464	P807	MHS5330–1531	SLEEVING, EXPANDABLE, 1/4 INCH, FRAY RESISTANT	00012–99999
	W464	P808	030–01094–0059	CONNECTOR, ELECTRICAL, RECTANGULAR, 15 POSITION	00012–99999
	W464	P808	089–05878–0010	SCREW, PHILLIPS HEAD, 4–40X5/8 INCH	00012–99999
	W464	P808	MHS5330–1531	SLEEVING, EXPANDABLE, 1/4 INCH, FRAY RESISTANT	00012–99999
	W464	P808 SP1	M81824/1–3	SPLICE, ELECTRICAL, CRIMP, INSULATED, YELLOW	00012–99999
	W464	P808 SP2	MHS4946–59	SPLICE, CONDUCTOR, SEALED, CRIMP, YELLOW	00012–99999
	W464	P809	030–02272–0000	CONNECTOR, PLUG, ELECTRICAL	00012–99999
	W464	P809	MHS5330–1531	SLEEVING, EXPANDABLE, 1/4 INCH, FRAY RESISTANT	00012–99999
	W464	W464 MRK1	MHS4910–1002	MARKER, CABLE	00012–99999
	W464	W464 MRK2	MHS4910–1001	MARKER, CABLE	00012–99999
	W464	W464 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	00012–99999
	W464	W464 TMS1	MHS5189–1091	SLEEVE, MARKER, CABLE, .093 INCH	00012–99999
	W464	W464 TMS2	MHS5189–1181	SLEEVE, MARKER, CABLE, .187 INCH	00012–99999
	W465	P830	030–01094–0087	CONNECTOR, CARD EDGE, 44 PIN	00015–99999
	W465	P830	073–00627–0002	CONNECTOR, MOUNTING BRACKET	00015–99999
	W465	P830	089–05903–0008	SCREW, PHILLIPS HEAD, in.4–40 X 1/2 INCH	00015–99999
	W465	P830	MHS5330–1531	SLEEVING, EXPANDABLE, 1/4 INCH, FRAY RESISTANT	00015–99999
	W465	P830 SP1	MHS4946–43	SPLICE, CRIMP STYLE, ENVIRONMENT RESISTANT	00015–99999
	W465	P831	030–01094–0064	CONNECTOR, CARD EDGE, 30 PIN	00015–99999
	W465	P831	089–05903–0008	SCREW, PHILLIPS HEAD, in.4–40 X 1/2 INCH	00015–99999
	W465	P831	MHS5330–1531	SLEEVING, EXPANDABLE, 1/4 INCH, FRAY RESISTANT	00015–99999
	W465	P831 SP1	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	00015–99999
	W465	P831 SP2	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	00015–99999
	W465	P831 SP3	M81824/1–3	SPLICE, ELECTRICAL, CRIMP, INSULATED, YELLOW	00015–99999
	W465	W465 MRK1	MHS4910–1002	MARKER, CABLE	00015–99999
	W465	W465 MRK2	MHS4910–1001	MARKER, CABLE	00015–99999
	W465	W465 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	00015–99999
	W471	P166	M24308/25–9	SCREW, LOCK ASSEMBLY, MALE	00012–99999
	W471	P166	M24308/4–3	CONNECTOR, RECEPTACLE, ELECTRICAL, RECTANGULAR	00012–99999
	W471	P166	M85049/48–1–3F	CONNECTOR BACKSHELL ELECTRICAL, STRAIN RELIEF	00012–99999

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
	W471	P167	M24308/2–3	CONNECTOR, PLUG, ELECTRICAL, RECTANGULAR	00012–99999
	W471	P167	M24308/25–9	SCREW, LOCK ASSEMBLY, MALE	00012–99999
	W471	P167	M85049/48–1–3F	CONNECTOR BACKSHELL ELECTRICAL, STRAIN RELIEF	00012–99999
	W471	W471 MRK1	MHS4910–1002	MARKER, CABLE	00012–99999
	W471	W471 MRK2	MHS4910–1001	MARKER, CABLE	00012–99999
	W471	W471 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	00012–99999
	W471	W471 TMS1	MHS5189–1121	SLEEVE, MARKER, CABLE, .125 INCH	00012–99999
A612	W612	J1	D38999/20JJ35PA	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	902
A612	W612	J1	MHS5647MJ35PA	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	900
A612	W612	J2	D38999/20JJ35PB	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	902
A612	W612	J2	MHS5647MJ35PB	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	900
A612	W612	J3	D38999/20JJ35PN	CONNECTOR, RECEPTACLE, ELECTRICAL, WALL MOUNT, FLANGE, SER III COMPOSITE	902
A612	W612	J3	MHS5647MJ35PN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	900
A612	W612	J4	D38999/20WB99PN	CONNECTOR, RECEPTACLE, ELECTRICAL	9XX
A612	W612	J5	D38999/20JE99PA	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	902
A612	W612	J5	MHS5647ME99PA	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	900
A612	W612	J6	D38999/20JJ35PC	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	902
A612	W612	J6	MHS5647MJ35PC	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	900
A612	W612	J7	D38999/20JB35SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	902
A612	W612	J7	MHS5647MB35SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	900
A612	W612	J9	D38999/20JE99PN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	902
A612	W612	J9	MHS5647ME99PN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	900
A612	W612	TB2 -1	M81714/60–22–05	MODULE, TERMINAL JUNCTION, FEEDBACK TYPE	9XX
A612	W612	TB2 -10	M81714/60–20–01	MODULE, FEEDBACK TYPE, BUSSING	9XX
A612	W612	TB2 -2	M81714/60–22–05	MODULE, TERMINAL JUNCTION, FEEDBACK TYPE	9XX
A612	W612	TB2 -3	M81714/60–22–05	MODULE, TERMINAL JUNCTION, FEEDBACK TYPE	9XX
A612	W612	TB2 -4	M81714/60–22–05	MODULE, TERMINAL JUNCTION, FEEDBACK TYPE	9XX
A612	W612	TB2 -5	M81714/60–22–05	MODULE, TERMINAL JUNCTION, FEEDBACK TYPE	9XX
A612	W612	TB2 -6	M81714/60–22–05	MODULE, TERMINAL JUNCTION, FEEDBACK TYPE	9XX
A612	W612	TB2 -7	M81714/60–20–02	MODULE, TERMINAL, JUNCTION, FEEDBACK TYPE	00019–99999
A612	W612	TB2 -7	M81714/60–20–04	MODULE, FEEDBACK TYPE, BUSSING	00010–00018
A612	W612	TB2 -8	M81714/60–20–01	MODULE, FEEDBACK TYPE, BUSSING	9XX
A612	W612	TB2 -9	M81714/60–20–01	MODULE, FEEDBACK TYPE, BUSSING	9XX

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
A612	W612	TB3 -1	M81714/60–22–05	MODULE, TERMINAL JUNCTION, FEEDBACK TYPE	9XX
A612	W612	TB3 -10	M81714/60–22–05	MODULE, TERMINAL JUNCTION, FEEDBACK TYPE	9XX
A612	W612	TB3 -2	M81714/60–22–05	MODULE, TERMINAL JUNCTION, FEEDBACK TYPE	9XX
A612	W612	TB3 -3	M81714/60–22–05	MODULE, TERMINAL JUNCTION, FEEDBACK TYPE	9XX
A612	W612	TB3 -4	M81714/60–22–05	MODULE, TERMINAL JUNCTION, FEEDBACK TYPE	9XX
A612	W612	TB3 -5	M81714/60–22–05	MODULE, TERMINAL JUNCTION, FEEDBACK TYPE	9XX
A612	W612	TB3 -6	M81714/60–22–05	MODULE, TERMINAL JUNCTION, FEEDBACK TYPE	9XX
A612	W612	TB3 -7	M81714/60–22–05	MODULE, TERMINAL JUNCTION, FEEDBACK TYPE	9XX
A612	W612	TB3 -8	M81714/60–22–05	MODULE, TERMINAL JUNCTION, FEEDBACK TYPE	9XX
A612	W612	TB3 -9	M81714/60–22–05	MODULE, TERMINAL JUNCTION, FEEDBACK TYPE	9XX
A612	W612	TB4 -1	M81714/60–22–05	MODULE, TERMINAL JUNCTION, FEEDBACK TYPE	9XX
A612	W612	TB4 -2	M81714/60–16–02	MODULE, FEEDBACK JUNCTION, RAIL MOUNTED	9XX
A612	W612	TB4 -3	M81714/60–22–05	MODULE, TERMINAL JUNCTION, FEEDBACK TYPE	9XX
A612	W612	TB4 -4	M81714/60–22–05	MODULE, TERMINAL JUNCTION, FEEDBACK TYPE	9XX
A612	W612	TB4 -5	M81714/60–22–05	MODULE, TERMINAL JUNCTION, FEEDBACK TYPE	9XX
	W612	W612 MRK1	MHS4910–1002	MARKER, CABLE	00015–99999
A612	W612	XK1 -1/2	MHS4791–4	SOCKET, RELAY MODULE, 4 POLE	9XX
A612	W612	XK1 -10	MHS4791–1	SOCKET, RELAY MODULE, 2 POLE, DC COIL	00019–99999
A612	W612	XK1 -3/4	MHS4791–4	SOCKET, RELAY MODULE, 4 POLE	9XX
A612	W612	XK1 -5	MHS4791–1	SOCKET, RELAY MODULE, 2 POLE, DC COIL	900
A612	W612	XK1 -5 SP1	M81824/1–2	SPLICE, ELECTRICAL, CRIMP, INSULATED, BLUE	900
A612	W612	XK1 -6	MHS4791–1	SOCKET, RELAY MODULE, 2 POLE, DC COIL	902
A612	W612	XK1 -7/8	MHS4791–4	SOCKET, RELAY MODULE, 4 POLE	9XX
A612	W612	XK1 -9	MHS4791–1	SOCKET, RELAY MODULE, 2 POLE, DC COIL	00019–99999
A620	W620	J1	D38999/20JD35SN	CONNECTOR, ELECTRICAL, CIRCULAR, RECEPTACLE, WALL MOUNT FLANGE, SER III COMPOSITE	902
A620	W620	J1	MHS5647MD35SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	900
A620	W620	J2	D38999/20JE35SN	CONNECTOR, ELECTRICAL, CIRCULAR, RECEPTACLE, WALL MOUNT FLANGE, SER III COMPOSITE	902
A620	W620	J2	MHS5647ME35SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	900
A620	W620	J3	D38999/20JG41SN	CONNECTOR, ELECTRICAL, CIRCULAR, RECEPTACLE, WALL MOUNT FLANGE, SER III COMPOSITE	902
A620	W620	J3	MHS5647MG41SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	900
A620	W620	J4	D38999/20JE26SN	CONNECTOR, RECEPTACLE, ELECTRICAL, COMPOSITE	902
A620	W620	J4	MHS5647ME26SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	00012–00051
A620	W620	J4	MHS5647ME99SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	00010–00011
A620	W620	J5	D38999/20JD97SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	902
A620	W620	J5	MHS5647MD97SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	900

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
A620	W620	J6	D38999/20JD97SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	902
A620	W620	J6	MHS5647MD97SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	900
A620	W620	J8	D38999/20JE6SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	902
A620	W620	J8	MHS5647ME6SN	CONNECTOR, RECEPTACLE, ELECTRICAL, BULKHEAD, COMPOSITE	900
A620	W620	TB1 -1	M81714/60–20–02	MODULE, TERMINAL, JUNCTION, FEEDBACK TYPE	9XX
A620	W620	TB1 -2	M81714/60–22–05	MODULE, TERMINAL JUNCTION, FEEDBACK TYPE	9XX
A620	W620	TB1 -3	M81714/60–22–04	MODULE, TERMINAL, JUNCTION, FEEDBACK TYPE	9XX
A620	W620	TB1 -4	M81714/60–20–04	MODULE, FEEDBACK TYPE, BUSSING	9XX
A620	W620	TB1 -5	M81714/60–22–05	MODULE, TERMINAL JUNCTION, FEEDBACK TYPE	9XX
A620	W620	TB1 -6	M81714/60–22–05	MODULE, TERMINAL JUNCTION, FEEDBACK TYPE	9XX
A620	W620	TB1 -7	M81714/60–16–02	MODULE, FEEDBACK JUNCTION, RAIL MOUNTED	9XX
A620	W620	TB1 -8	M81714/60–22–05	MODULE, TERMINAL JUNCTION, FEEDBACK TYPE	00012–99999
A620	W620	TB1 -9/10	MHS4790–03	MODULE, DIODE ASSEMBLY	00012–99999
A620	W620	TB2 -1/2	M81714/61–0Z	BUSSING MODULE, TERMINAL JUNCTION, FEEDBACK TYPE	00010–99999
A620	W620	TB2 -3/4	M81714/61–0Z	BUSSING MODULE, TERMINAL JUNCTION, FEEDBACK TYPE	00010–99999
A620	W620	TB2 -7/8	M81714/61–0Z	BUSSING MODULE, TERMINAL JUNCTION, FEEDBACK TYPE	00010–99999
A620	W620	TB2 -9/10	M81714/61–0Z	BUSSING MODULE, TERMINAL JUNCTION, FEEDBACK TYPE	00010–99999
A620	W620	W620 MRK1	MHS4910–1002	MARKER, CABLE	9XX
A620	W620	W620 MRK2	MHS4910–1001	MARKER, CABLE	9XX
A620	W620	W620 TIE1	B43435–T2–C–3–0	TAPE, LACING & TYING, TYPE II, FINISH C, SIZE 3, BLACK	9XX
A620	W620	W620 TMS1	MHS5189–1091	SLEEVE, MARKER, CABLE, .093 INCH	00010–00011
A620	W620	W620 TMS1	MHS5189–1091	SLEEVE, MARKER, CABLE, .093 INCH	00012–99999
A620	W620	W620 TMS2	MHS5189–1121	SLEEVE, MARKER, CABLE, .125 INCH	9XX
A620	W620	XK7 -1/2	MHS4791–4	SOCKET, RELAY MODULE, 4 POLE	9XX
A620	W620	XK7 -10	MHS4791–1	SOCKET, RELAY MODULE, 2 POLE, DC COIL	902
A620	W620	XK7 -3/4	MHS4791–4	SOCKET, RELAY MODULE, 4 POLE	9XX
A620	W620	XK7 -5	MHS4791–1	SOCKET, RELAY MODULE, 2 POLE, DC COIL	9XX
A620	W620	XK7 -7	MHS4791–1	SOCKET, RELAY MODULE, 2 POLE, DC COIL	902
A620	W620	XK7 -8	MHS4791–1	SOCKET, RELAY MODULE, 2 POLE, DC COIL	902
A620	W620	XK7 -9	MHS4791–1	SOCKET, RELAY MODULE, 2 POLE, DC COIL	902
A620	W620	XK8 -1/2	MHS4791–7	SOCKET, RELAY MODULE, 3 POLE	9XX
A620	W620	XK8 -10	MHS4791–1	SOCKET, RELAY MODULE, 2 POLE, DC COIL	9XX
A620	W620	XK8 -3/4	MHS4791–7	SOCKET, RELAY MODULE, 3 POLE	9XX
A620	W620	XK8 -5	MHS4791–1	SOCKET, RELAY MODULE, 2 POLE, DC COIL	9XX
A620	W620	XK8 -6	MHS4791–1	SOCKET, RELAY MODULE, 2 POLE, DC COIL	9XX
A620	W620	XK8 -7	MHS4791–1	SOCKET, RELAY MODULE, 2 POLE, DC COIL	9XX
A620	W620	XK8 -8	MHS4791–1	SOCKET, RELAY MODULE, 2 POLE, DC COIL	9XX
A620	W620	XK8 -9	MHS4791–1	SOCKET, RELAY MODULE, 2 POLE, DC COIL	9XX
A620	W620	XK9 -1/2	MHS4791–7	SOCKET, RELAY MODULE, 3 POLE	9XX

Table 2 Electrical Equipment List

Panel	Harness Number	Reference Designator	Part Number	Description	Aircraft Effectivity
A620	W620	XK9 -3/4	MHS4791–7	SOCKET, RELAY MODULE, 3 POLE	9XX
A620	W620	XK9 -5/6	MHS4791–4	SOCKET, RELAY MODULE, 4 POLE	9XX
A620	W620	XK9 -7/8	MHS4791–4	SOCKET, RELAY MODULE, 4 POLE	9XX

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Section

98–20–00

Standard Practices

STANDARD PRACTICES
DESCRIPTION AND OPERATION

1. General

This section has been moved to CSP-SPM, Section 20-60-00.

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Section

98–30–00

Wire Harness Locators

WIRE HARNESS LOCATORS
DESCRIPTION

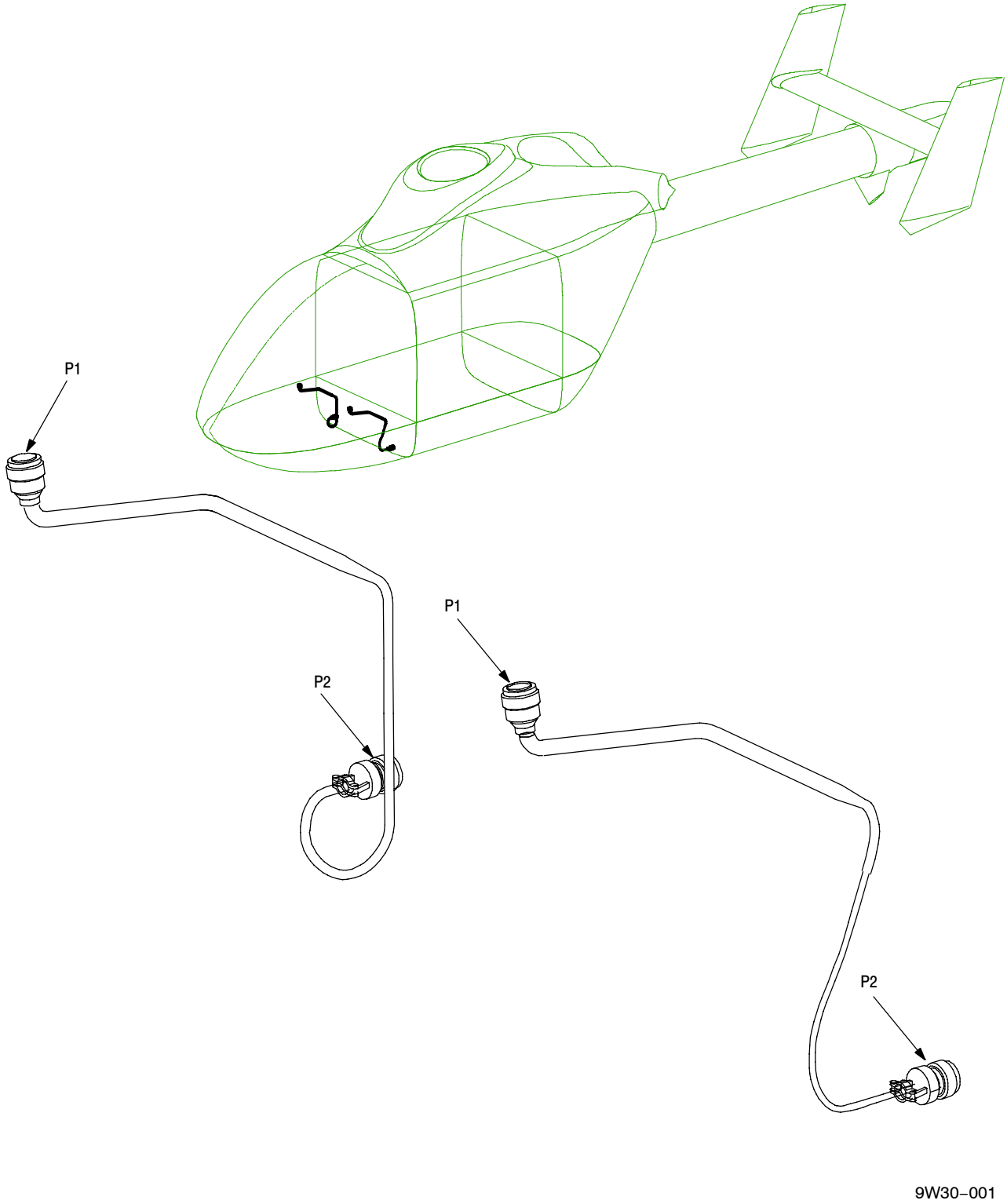


Figure 1. W100, Collective Control (Ref. Section 98–50–00 Wire List)

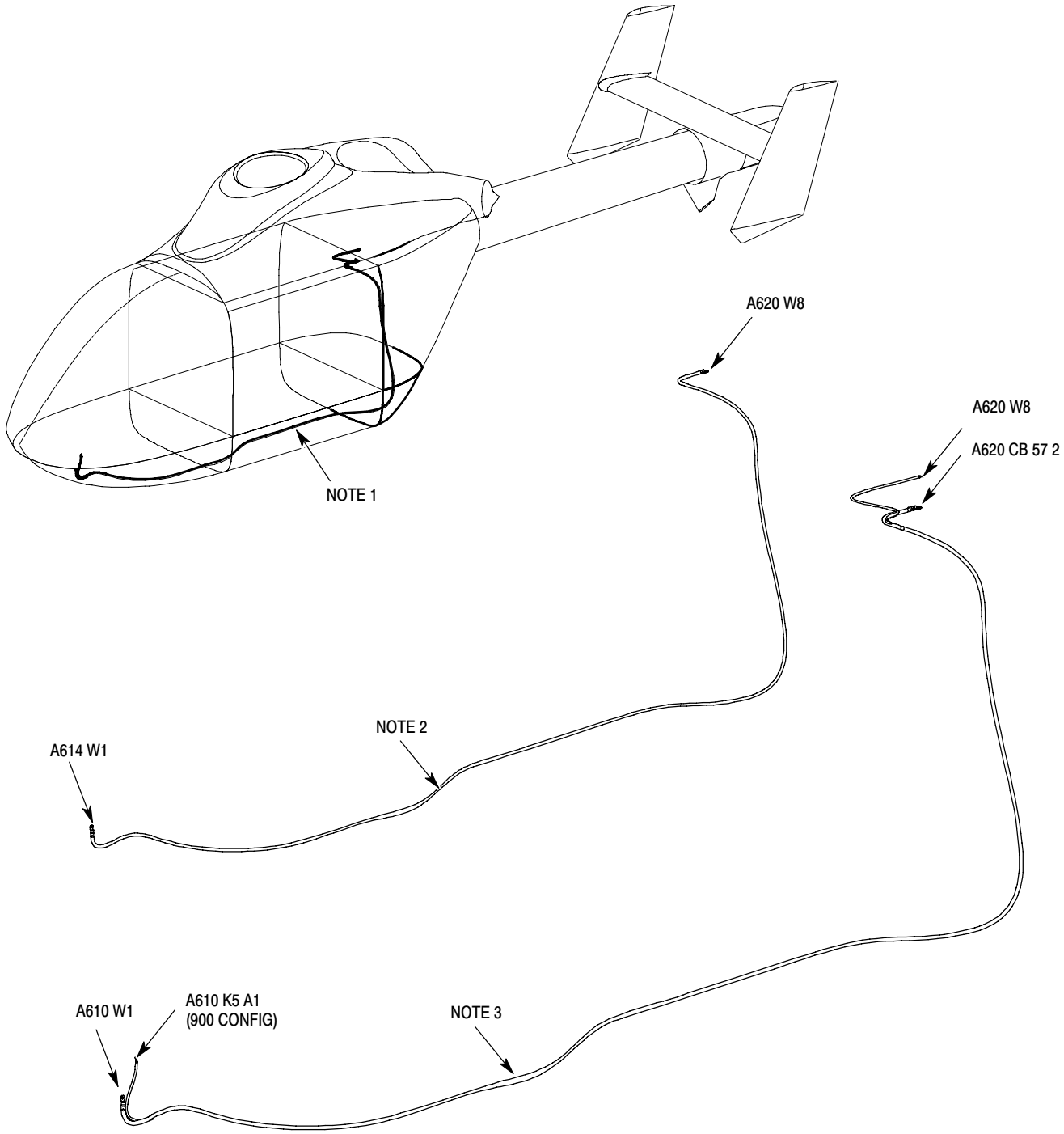


Figure 2. W121, (FWD Battery) Left Essential Bus Power (A610/A614) (Ref. Section 98–50–00 Wire List)

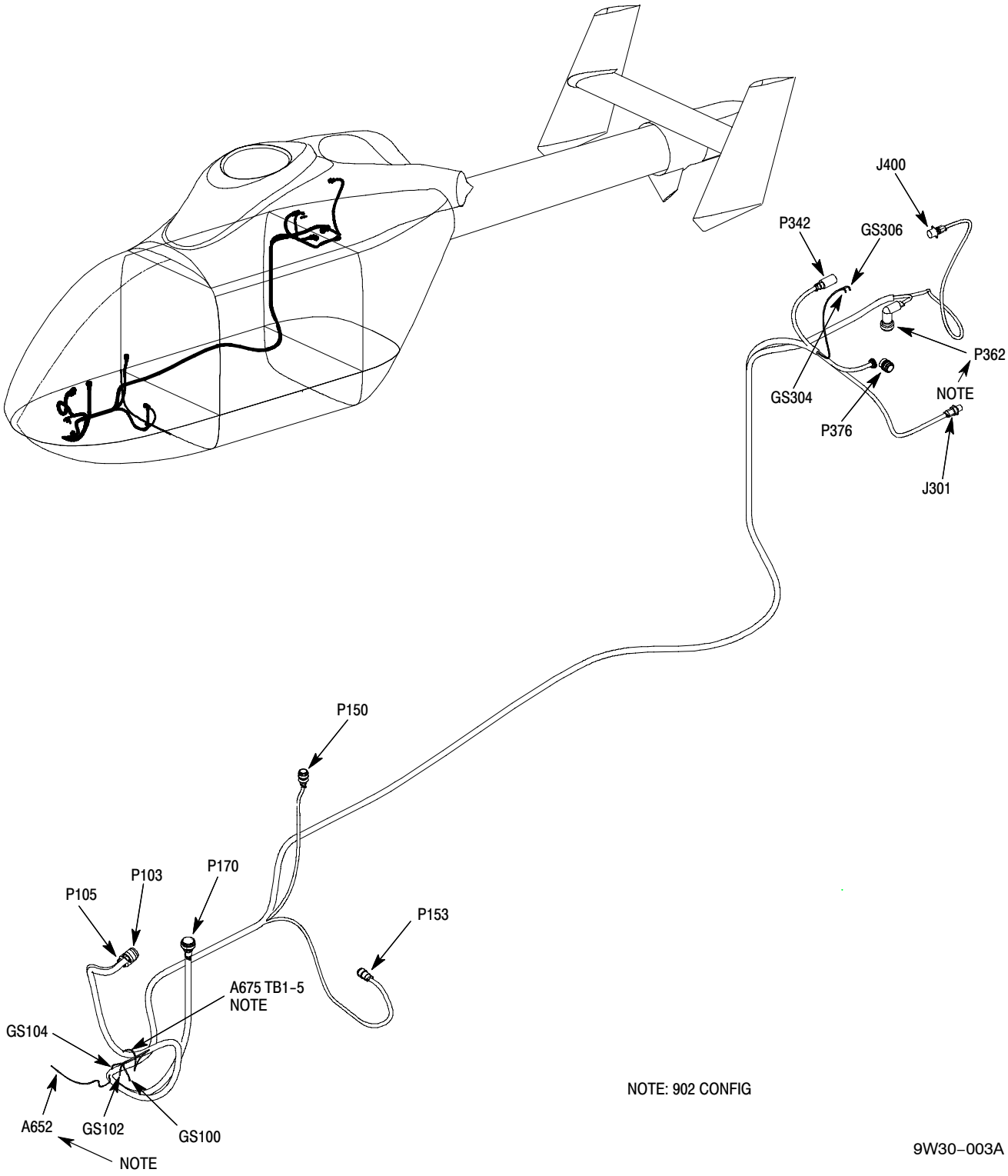


Figure 3. W122, Right Engine Controls (Ref. Section 98–50–00 Wire List)

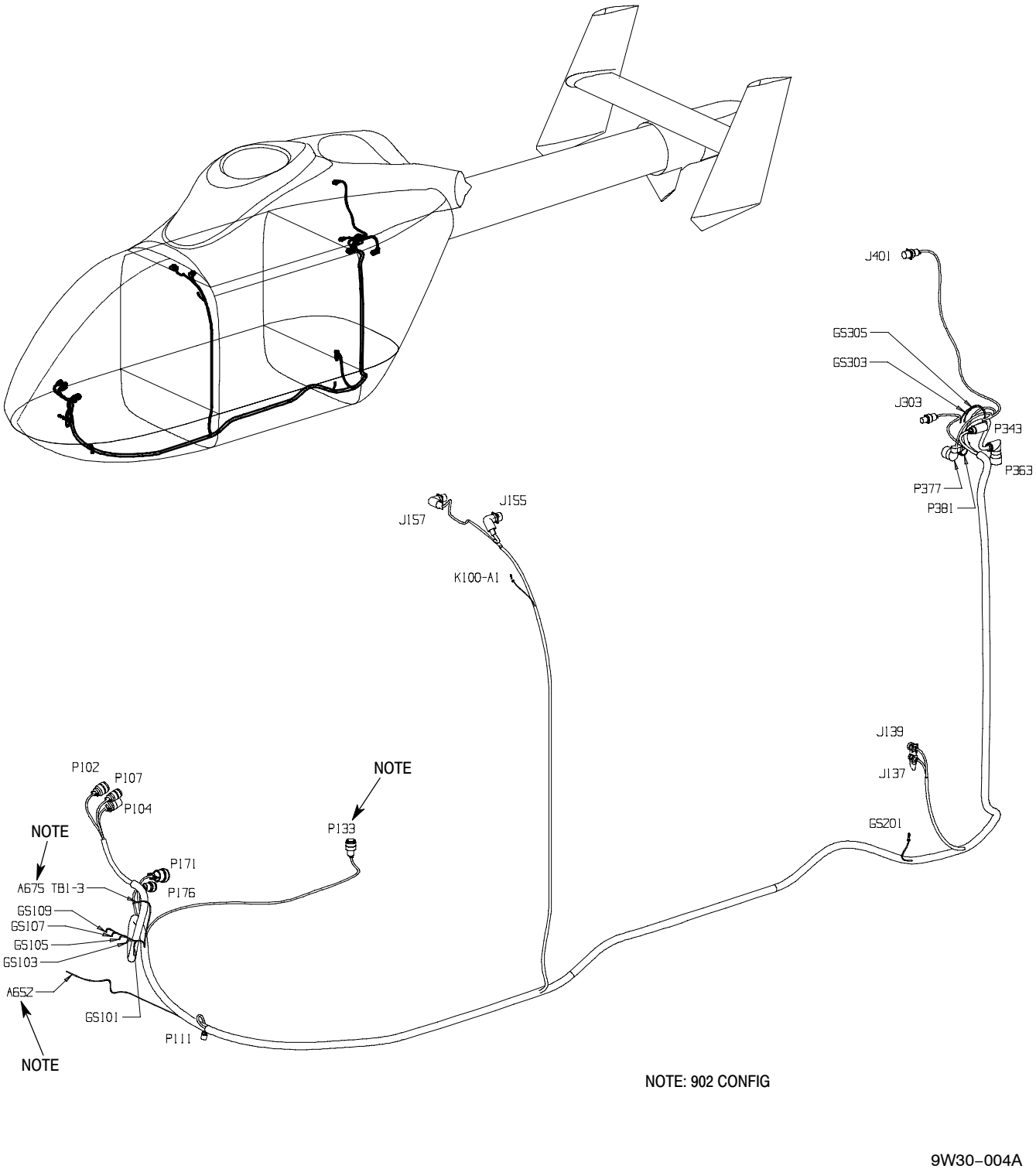


Figure 4. W123, Left Engine Controls (Ref. Section 98–50–00 Wire List)

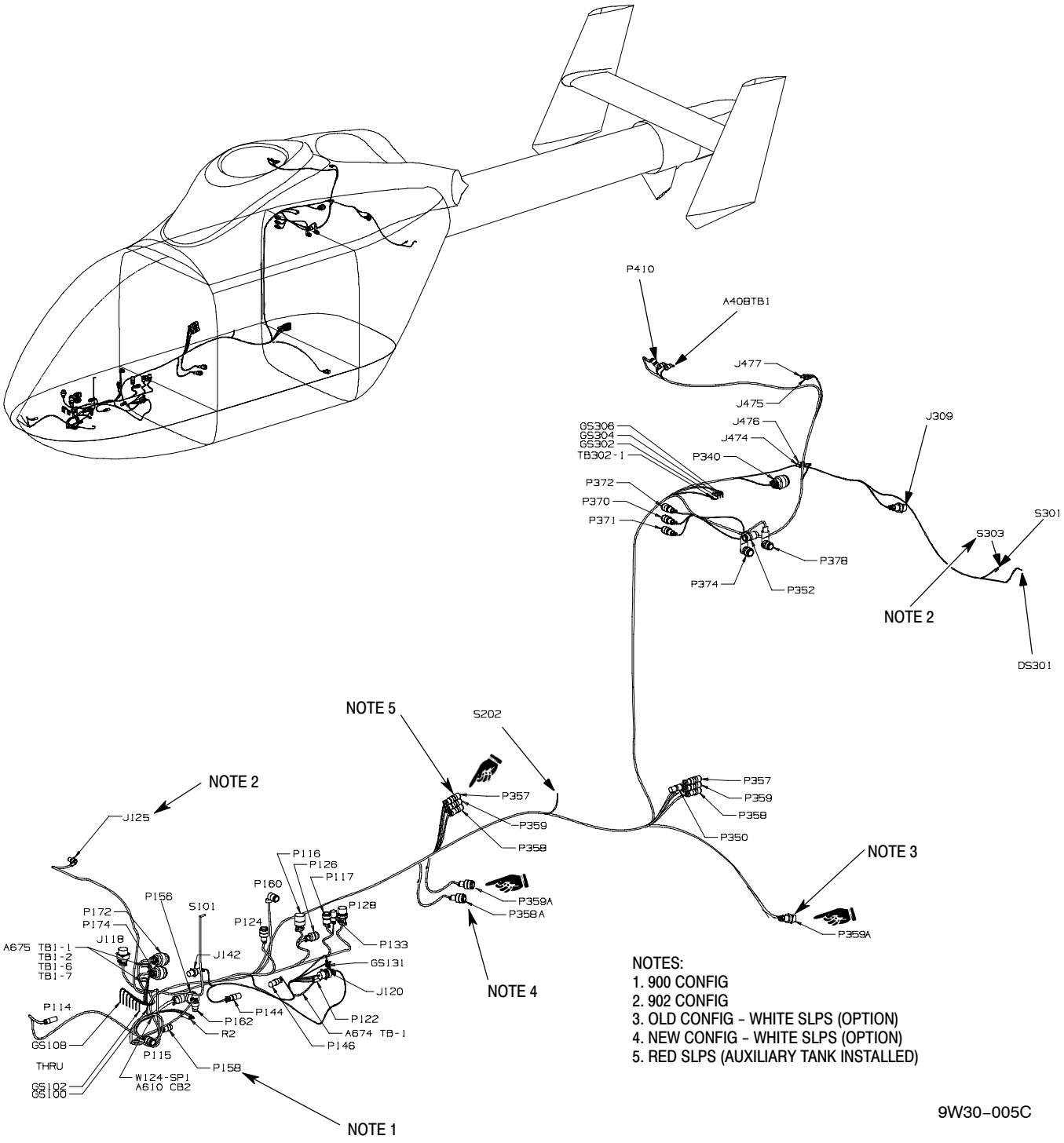


Figure 5. W124, Right Utility Systems (Ref. Section 98–50–00 Wire List)

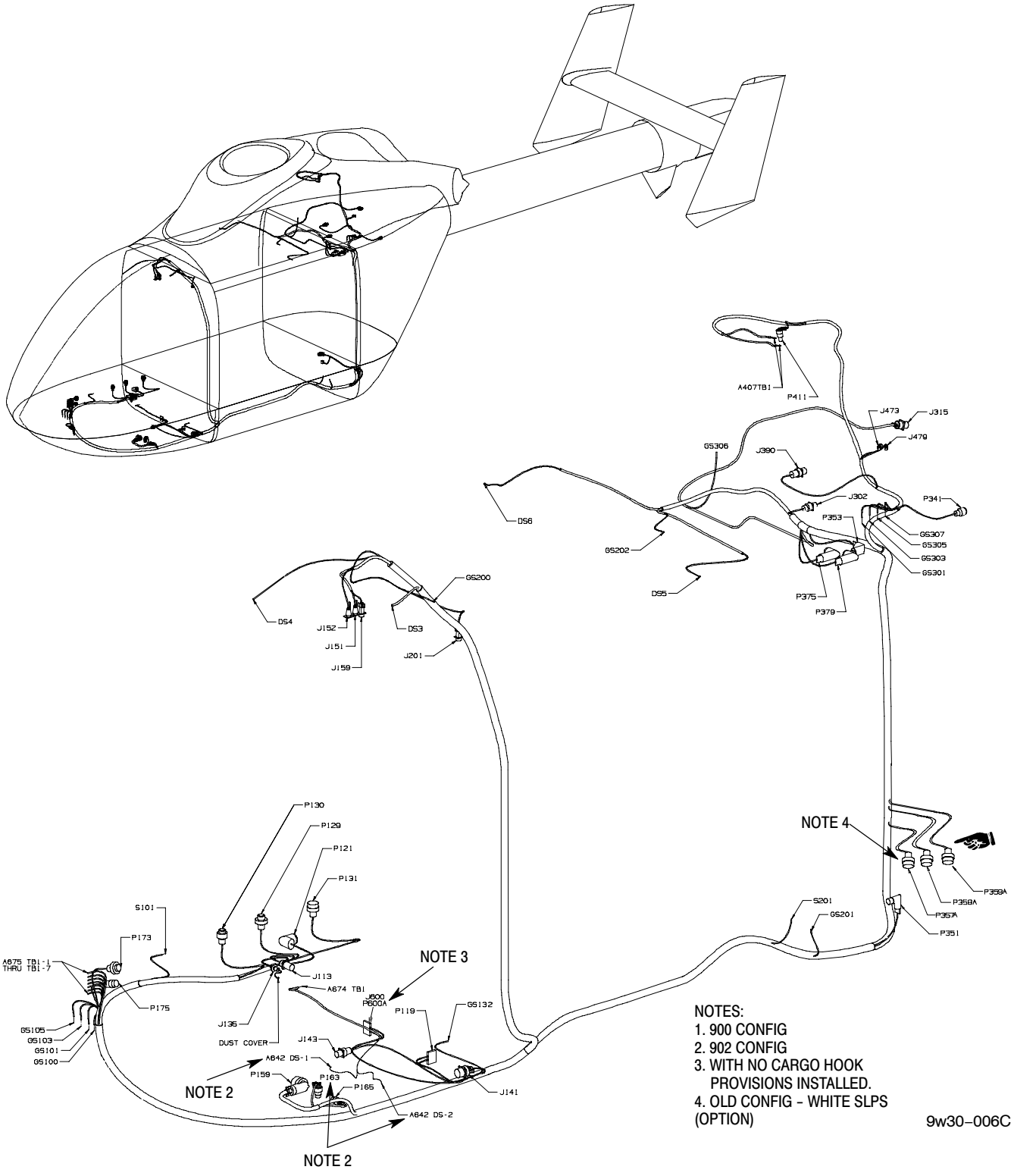
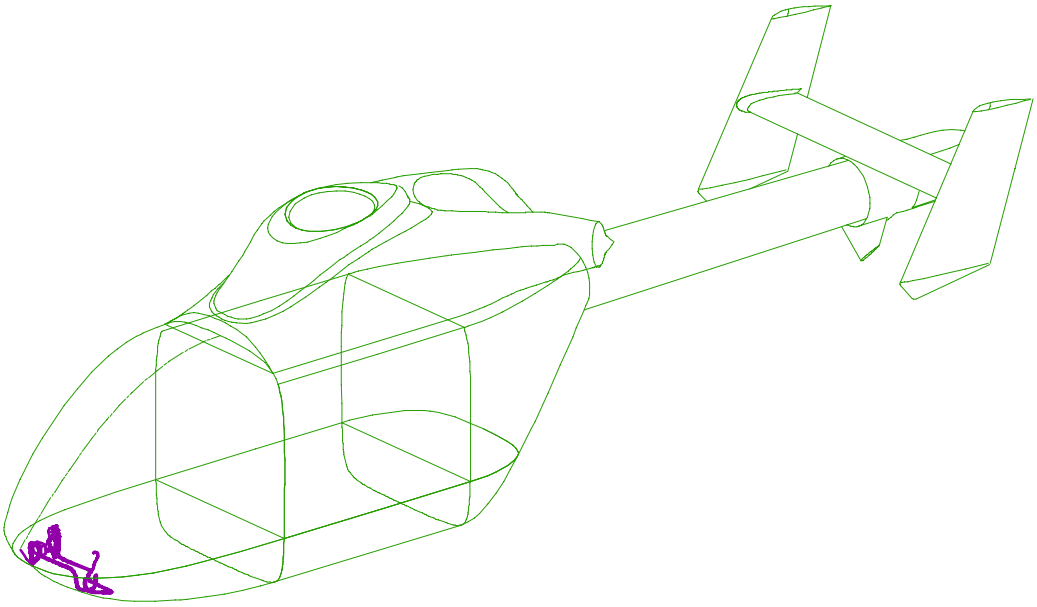


Figure 6. W125, Left Utility Systems (Ref. Section 98–50–00 Wire List)



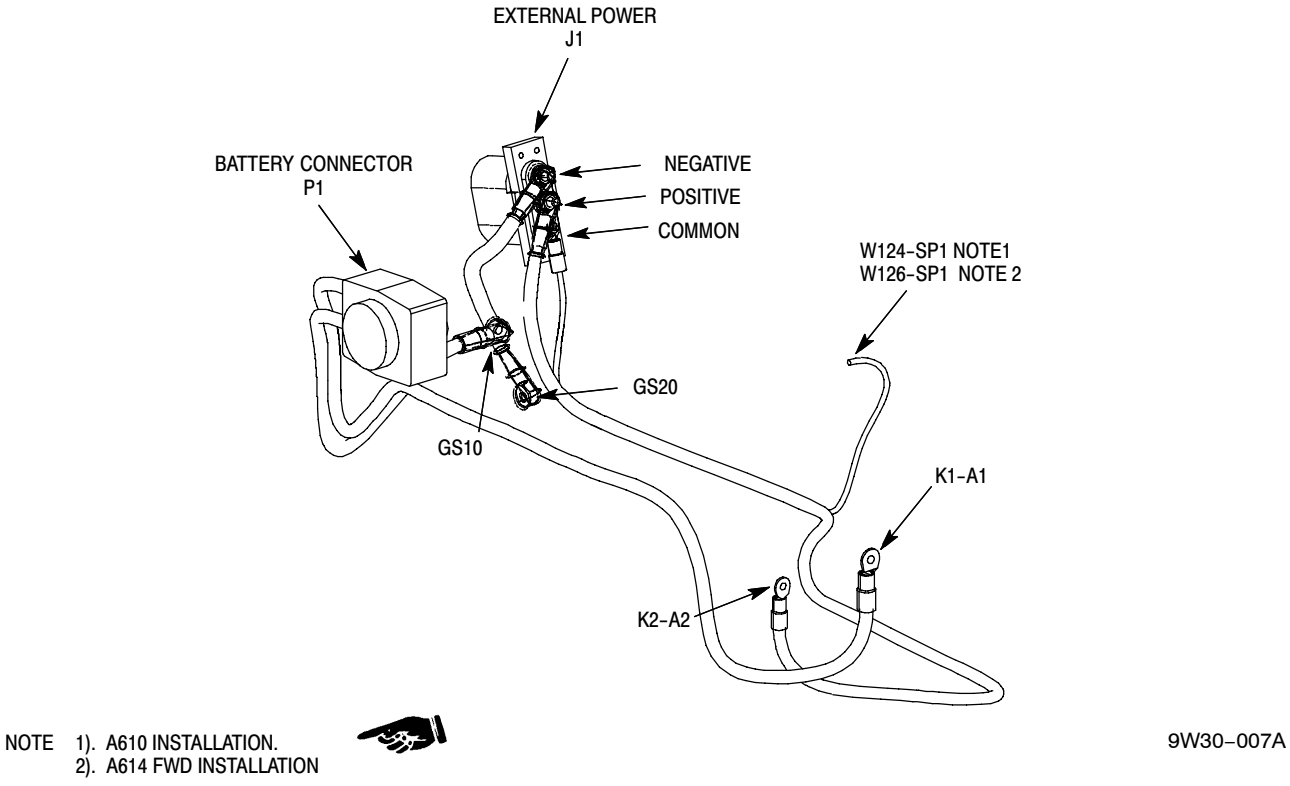


Figure 7. W126, Battery and External Power (Ref. Section 98–50–00 Wire List)

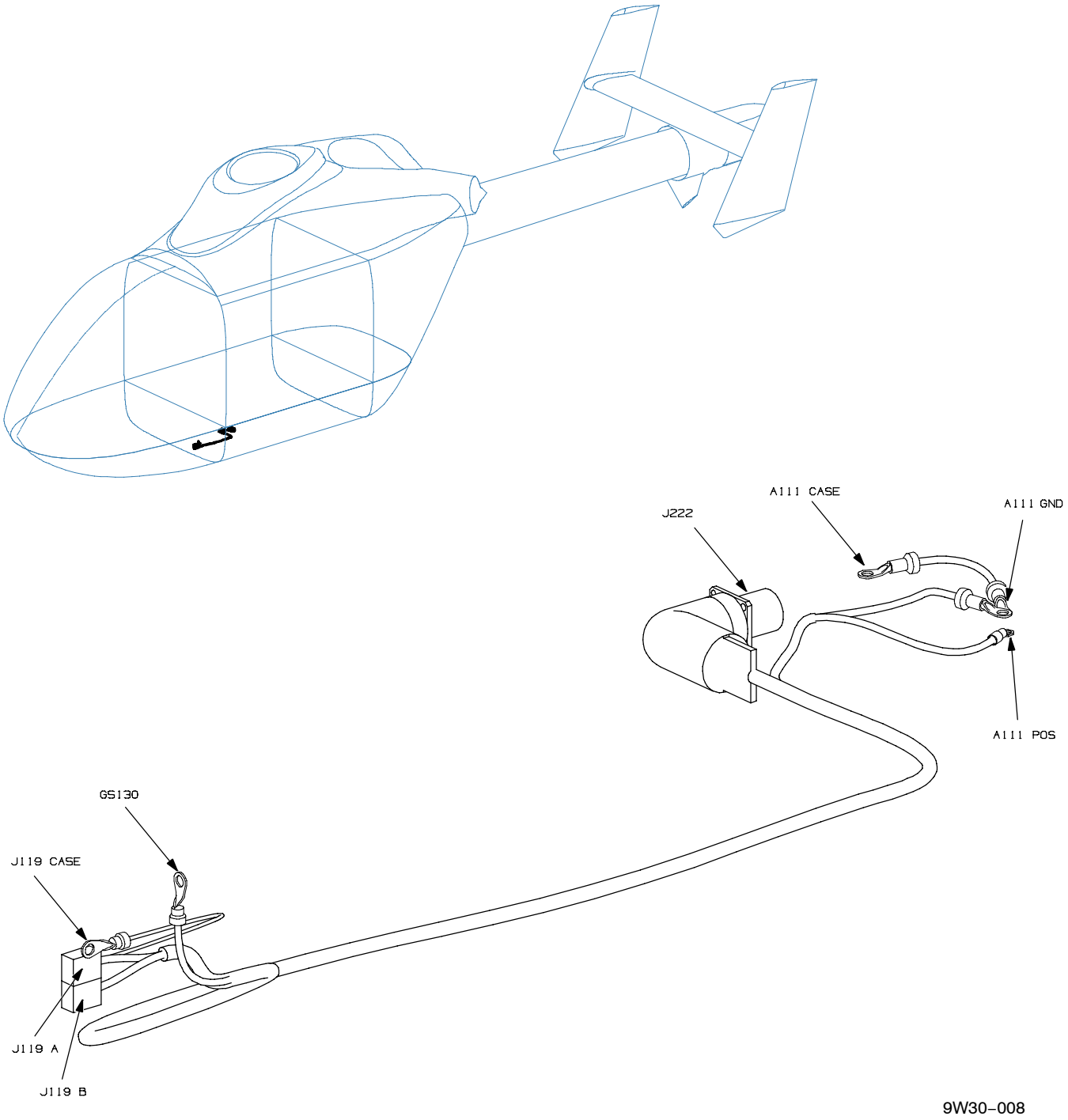


Figure 8. W127, Left Boost / Forward Fuel Probe (900 CONFIG) Left Fuel Probe (902 CONFIG)

(Ref. Section 98–50–00 Wire List)

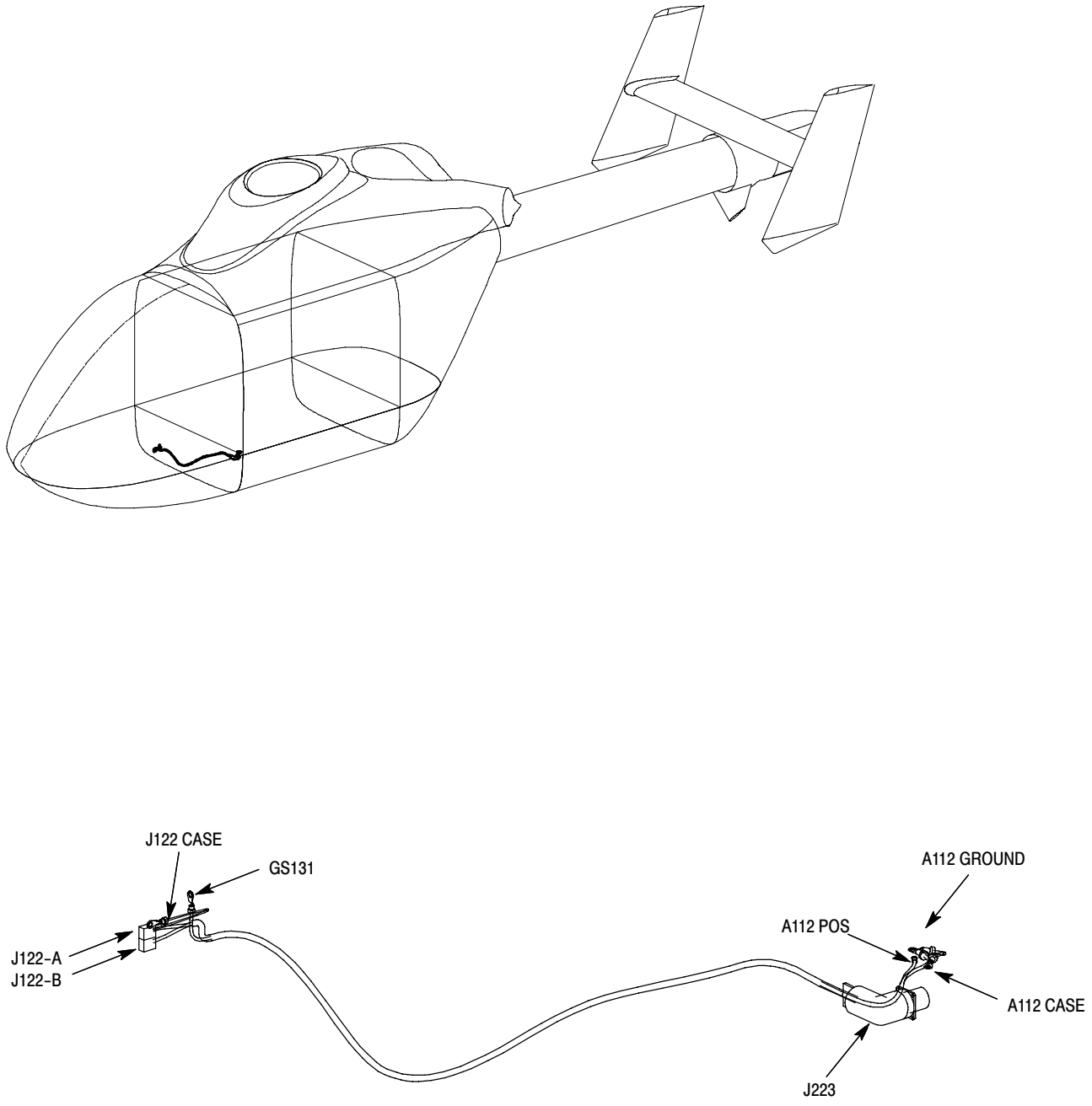


Figure 9. W128, Right Boost / Aft Fuel Probe (900 CONFIG) Right Fuel Probe (902 CONFIG) (Ref. Section 98–50–00 Wire List)

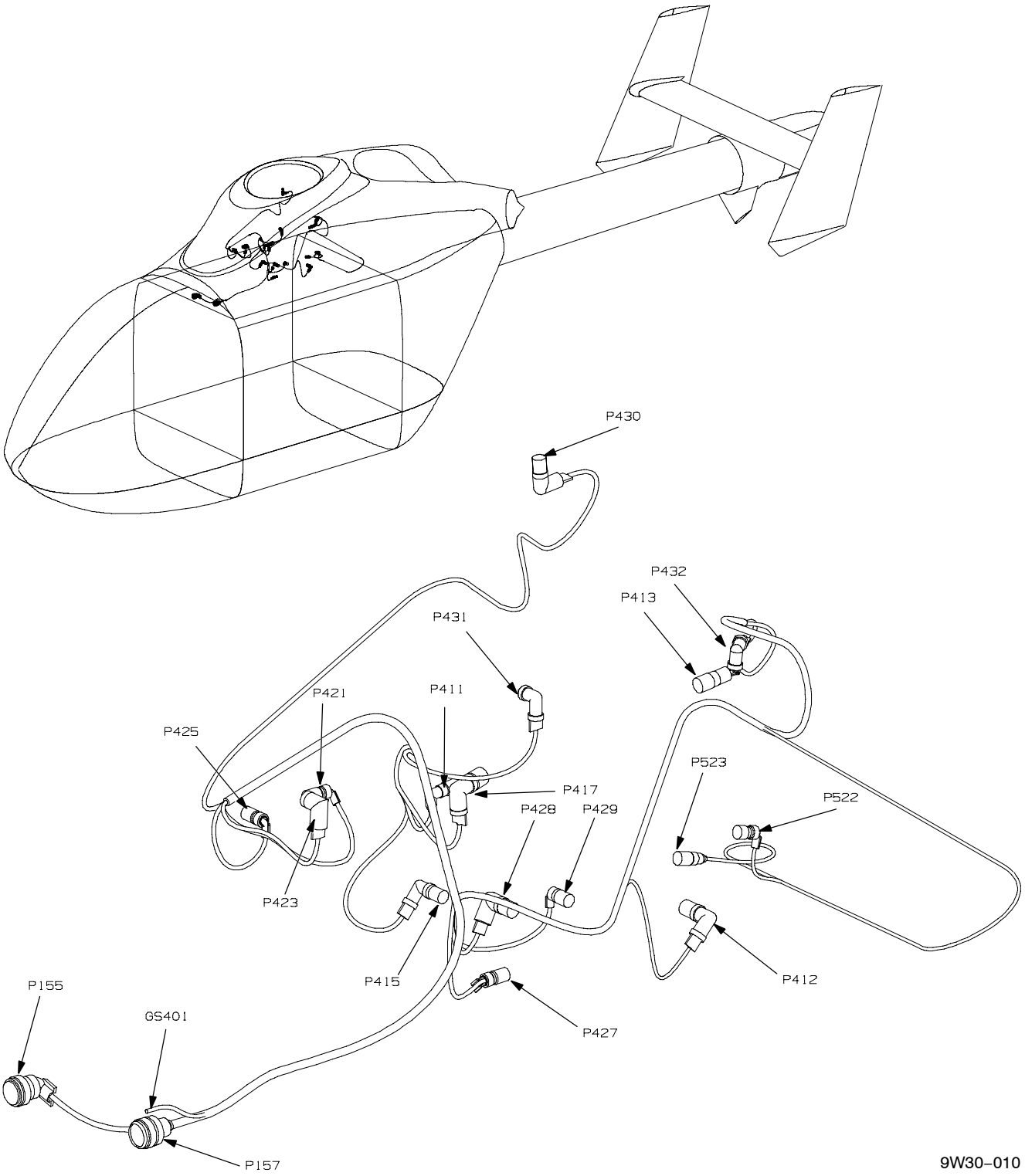
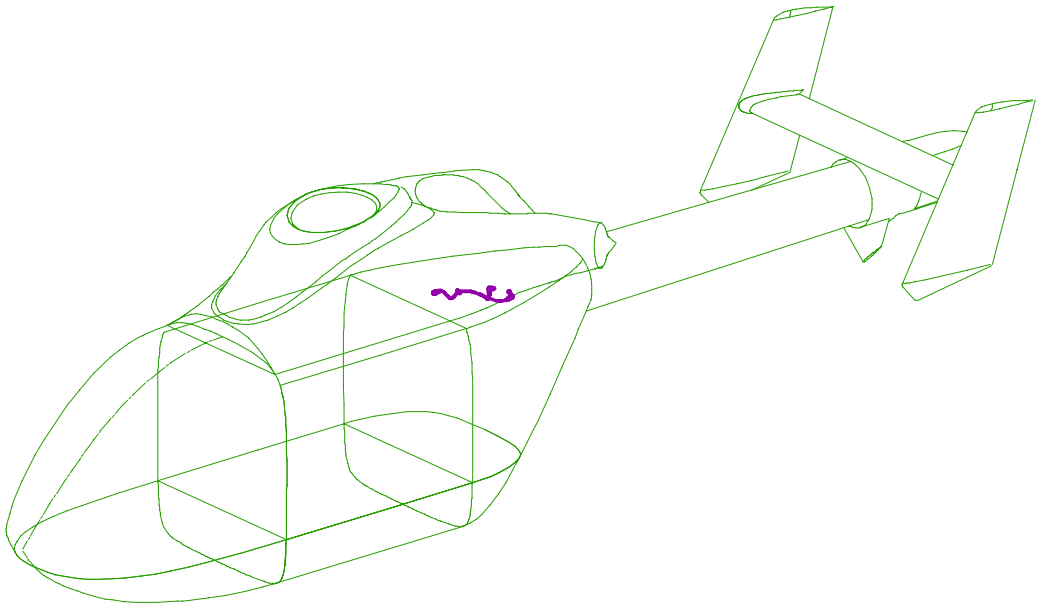
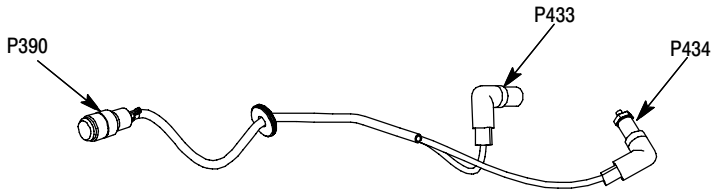


Figure 10. W129, Transmission Sensors (Ref. Section 98–50–00 Wire List)





9W30–011

Figure 11. W130, NOTAR® Sensors (Ref. Section 98–50–00 Wire List)

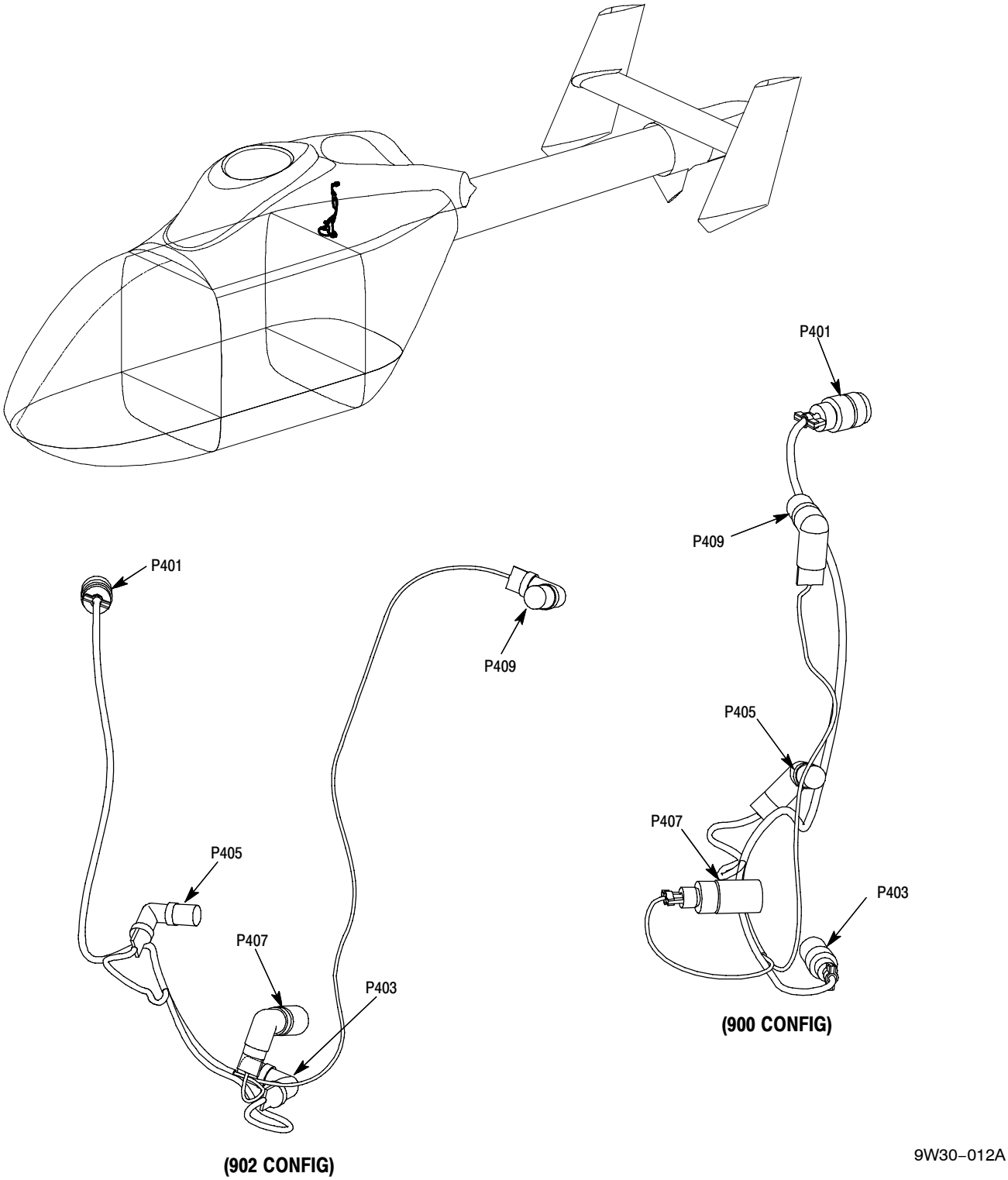


Figure 12. W131, Left Engine Indicator (Ref. Section 98–50–00 Wire List)

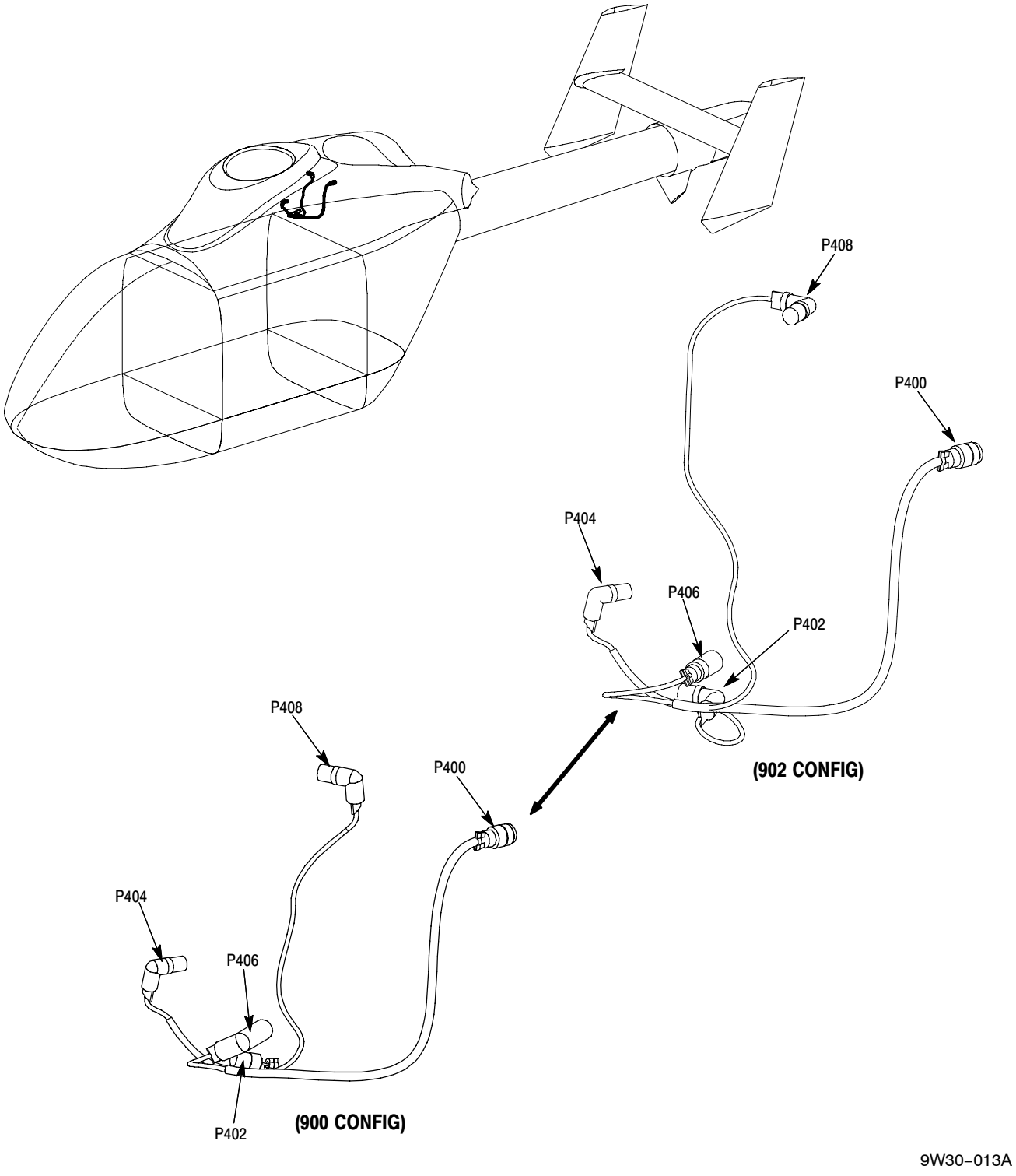


Figure 13. W132, Right Engine Indicator (Ref. Section 98–50–00 Wire List)

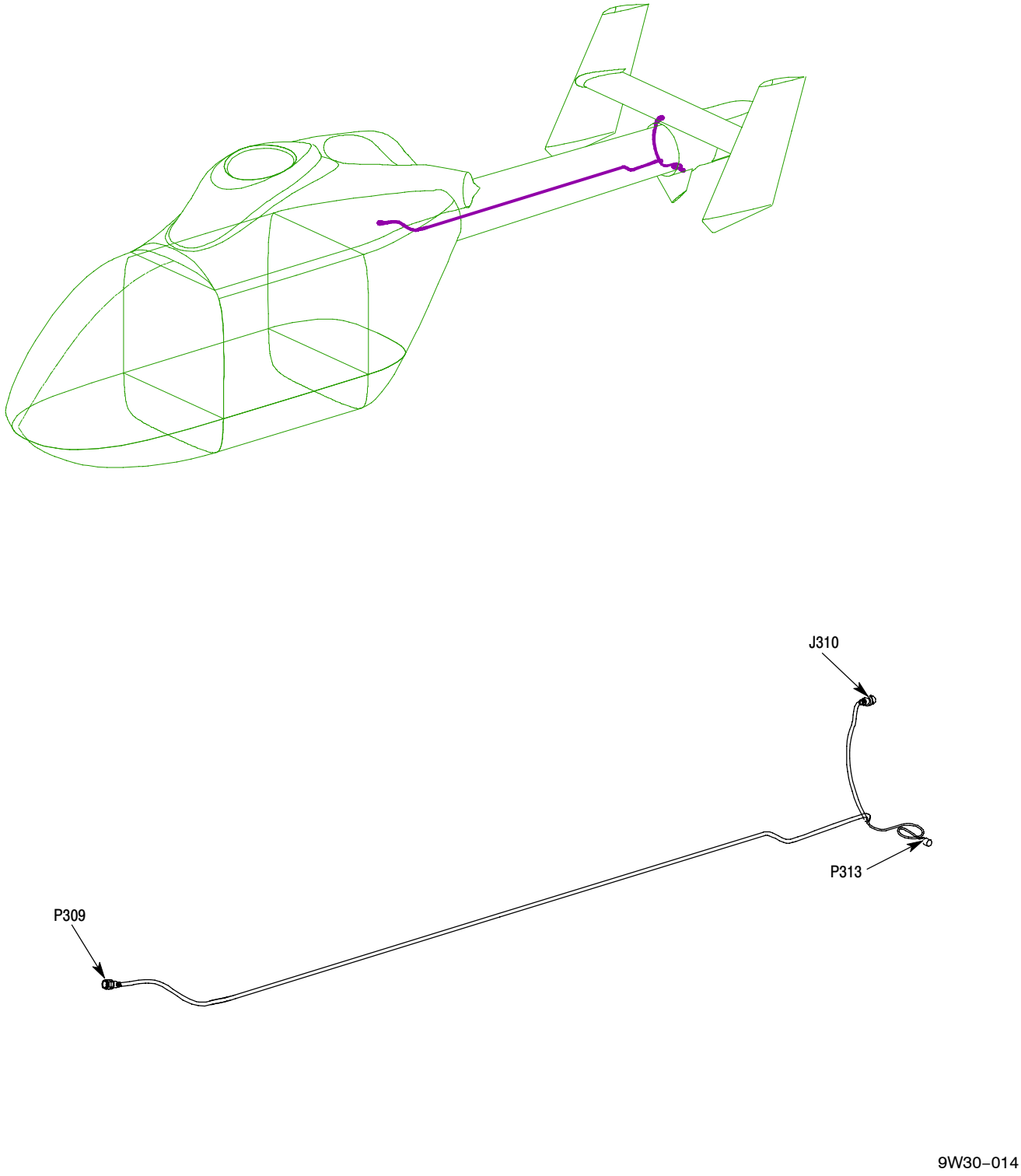


Figure 14. W133, Tailboom (Ref. Section 98–50–00 Wire List)

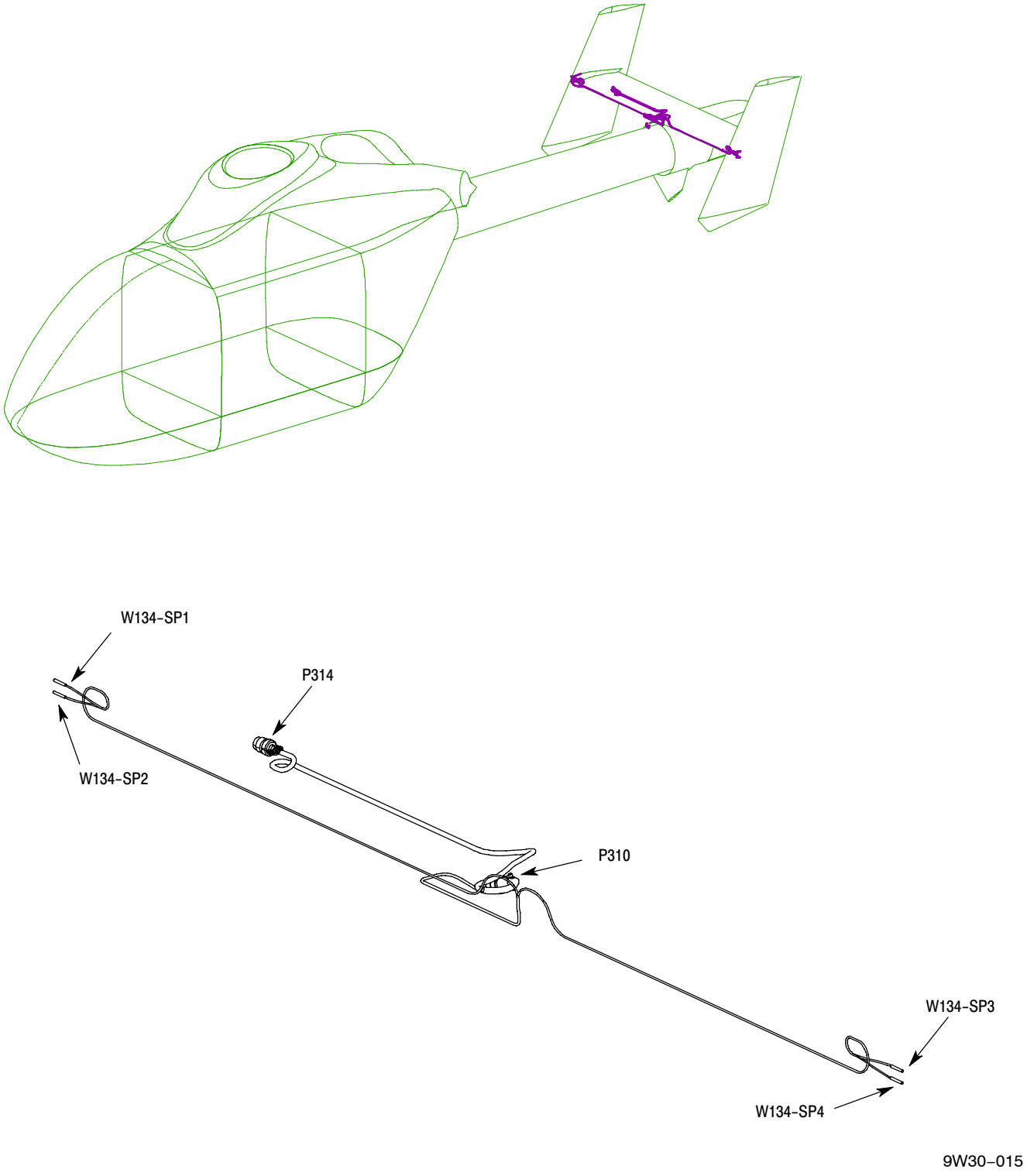


Figure 15. W134, Empennage (Ref. Section 98–50–00 Wire List)

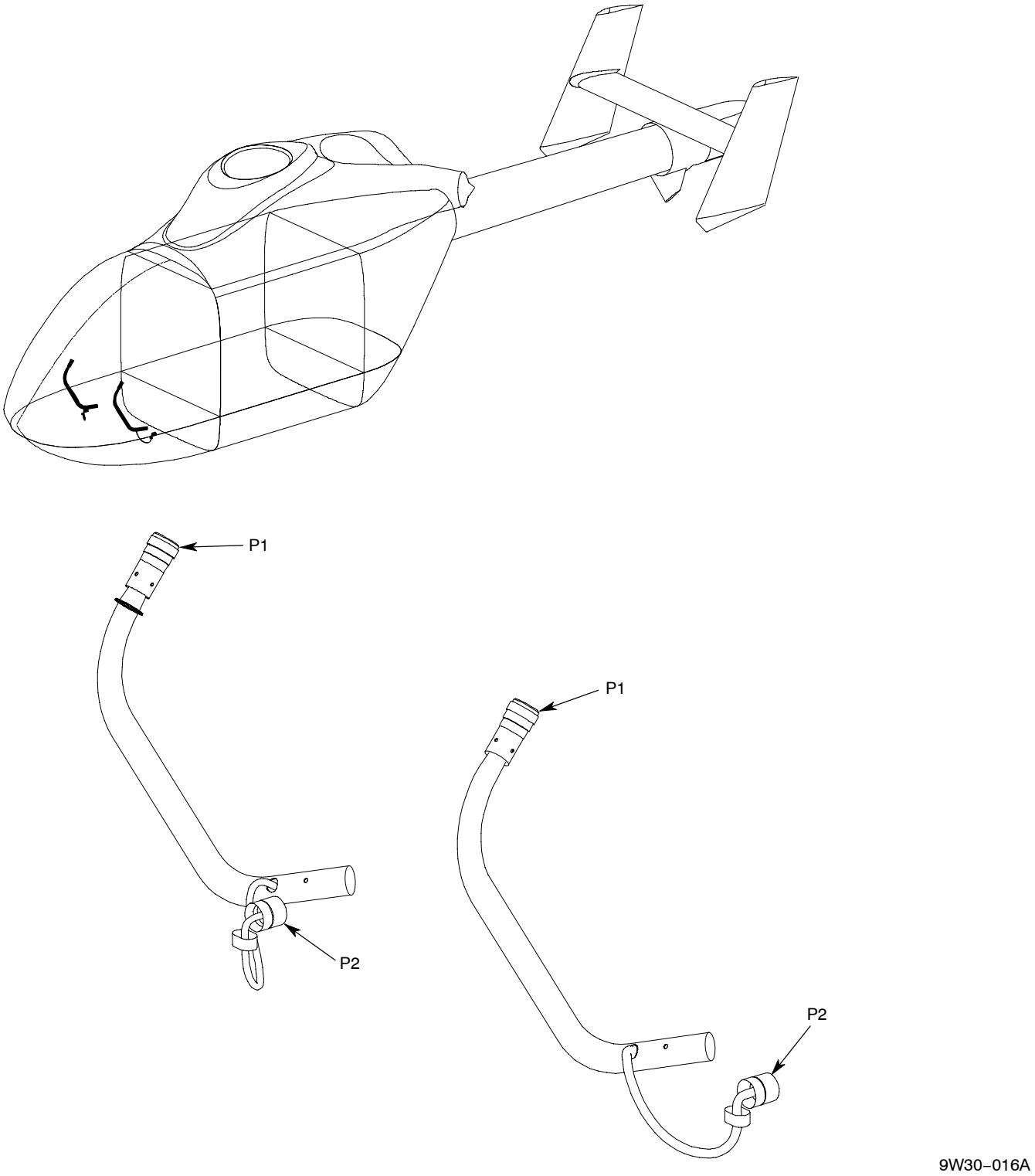


Figure 16. W135, Cyclic Controls (Ref. Section 98–50–00 Wire List)

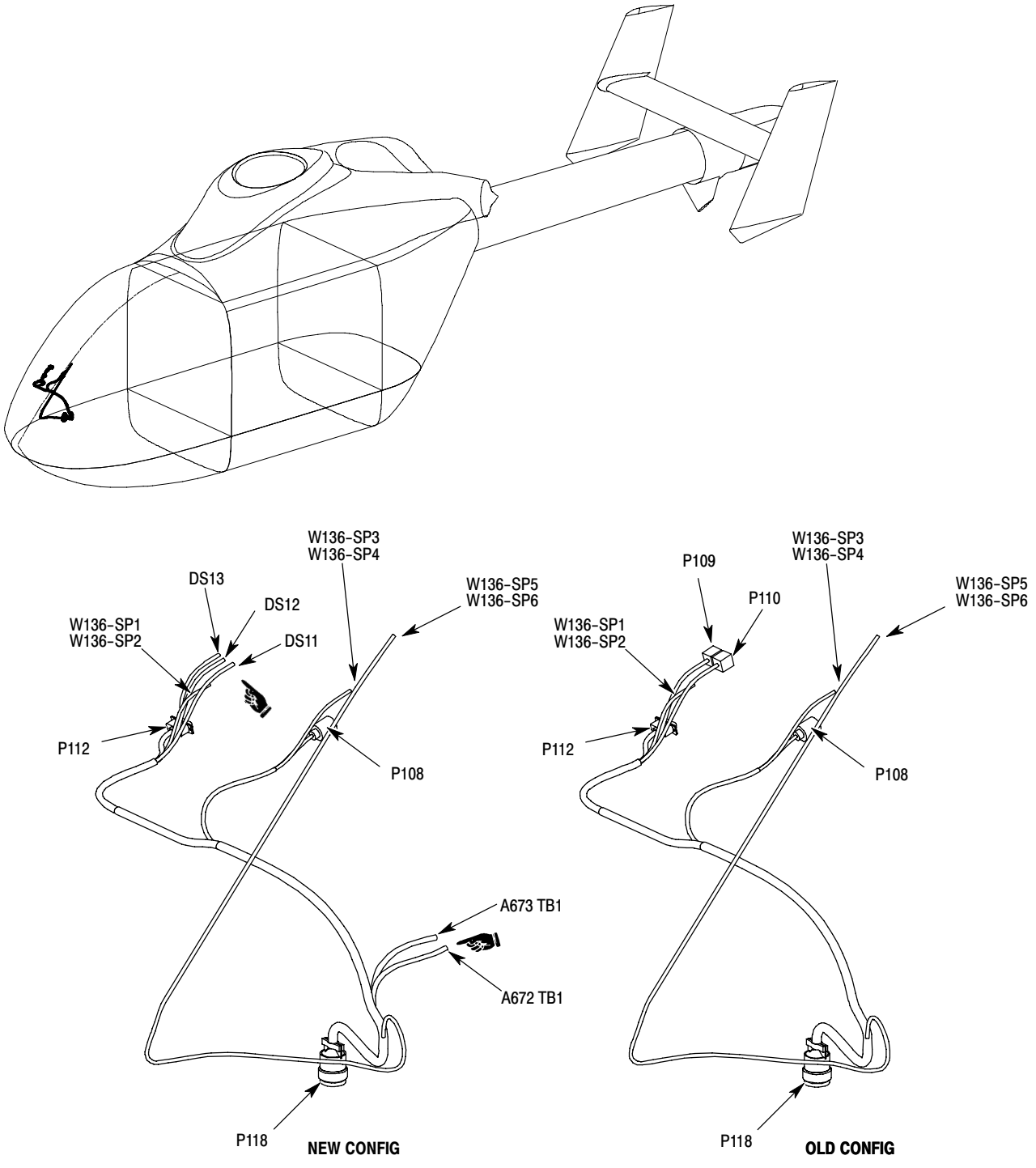


Figure 17. W136, Instrument Lights (Ref. Section 98–50–00 Wire List)

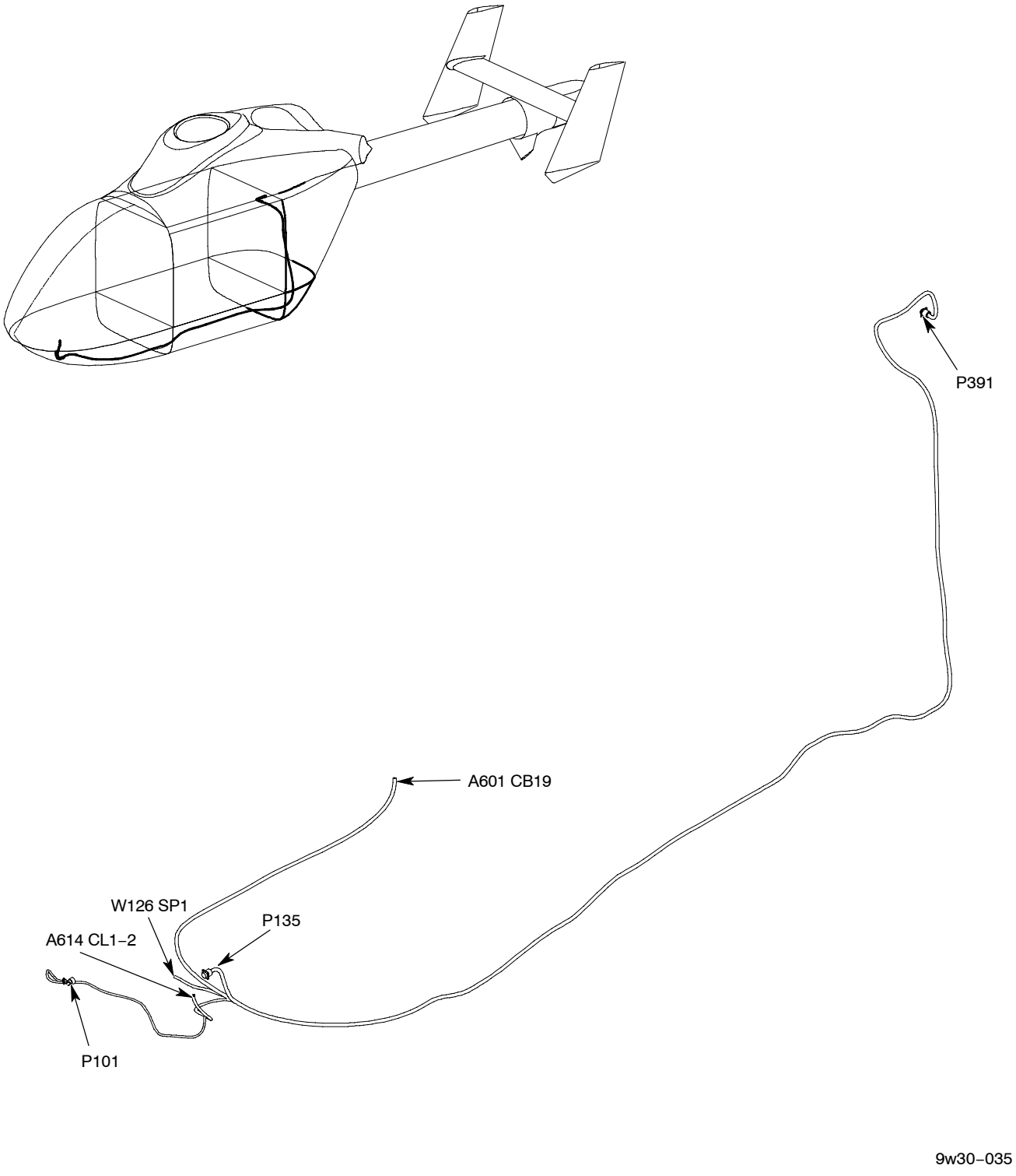


Figure 18. W137, (FWD Battery) External Power (A614) (Ref. Section 98–50–00 Wire List)

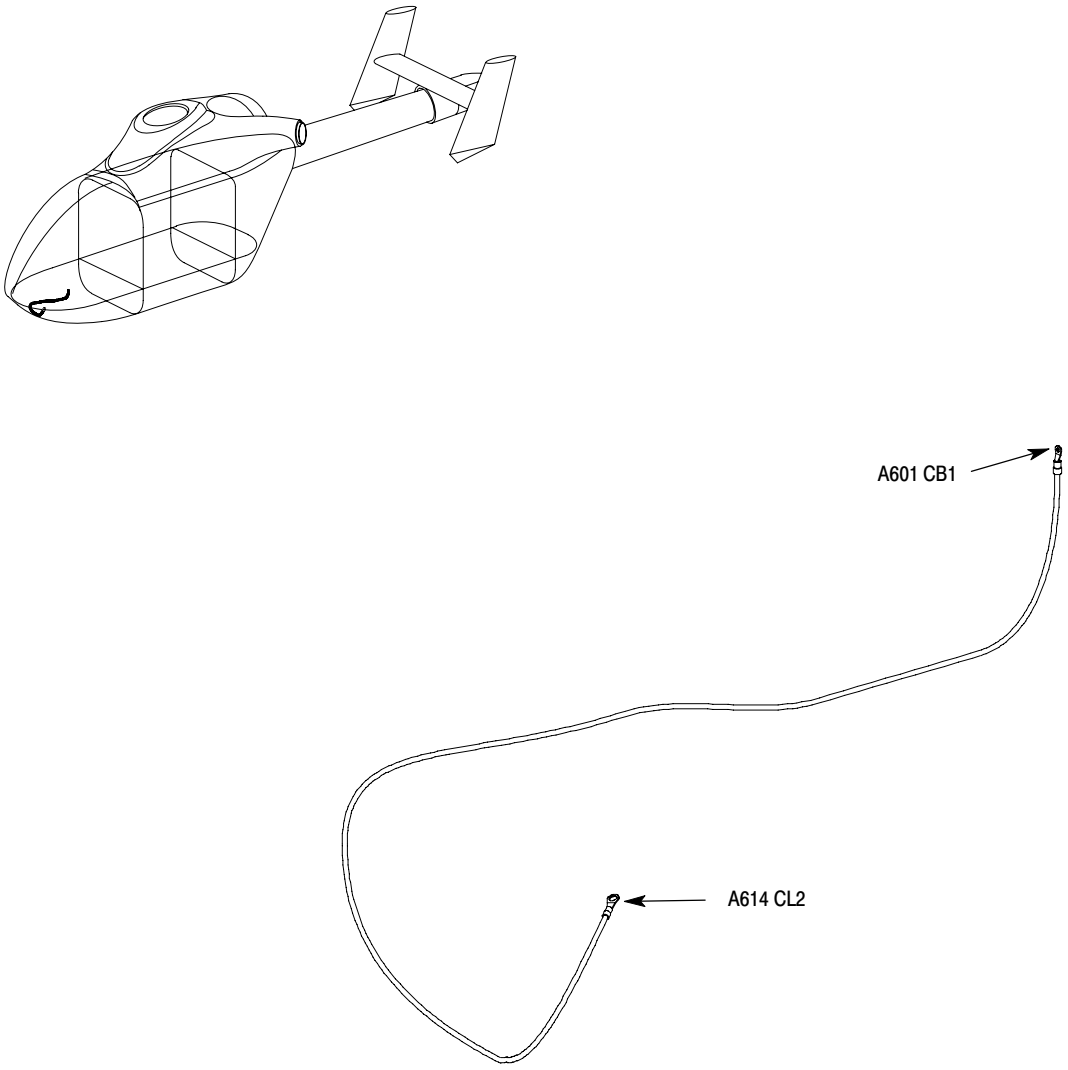


Figure 19. W138, (FWD Battery) Right Essential Bus Power (A614) (Ref. Section 98–50–00 Wire List)

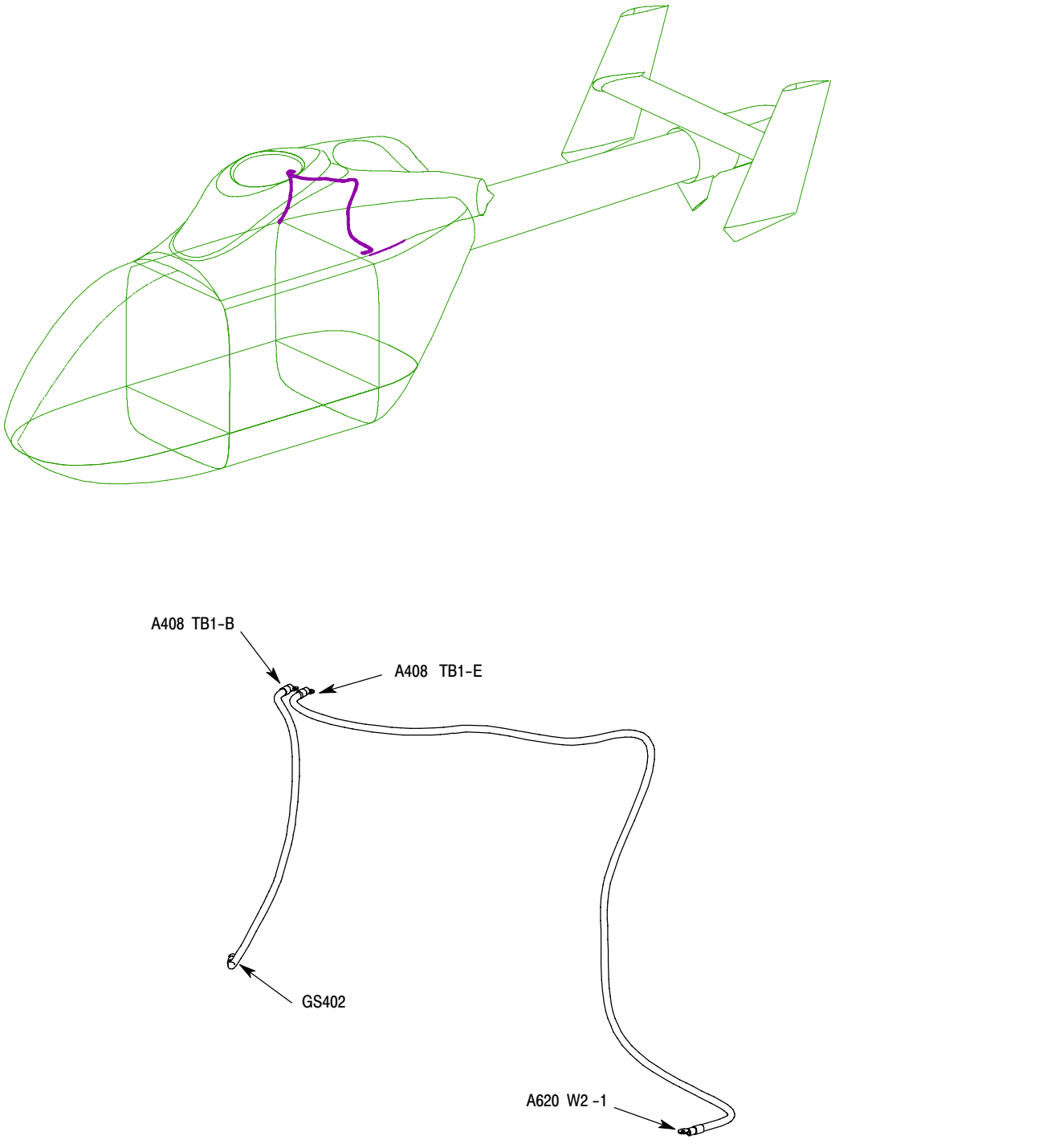


Figure 20. W140, Right Starter/Generator (Ref. Section 98–50–00 Wire List)

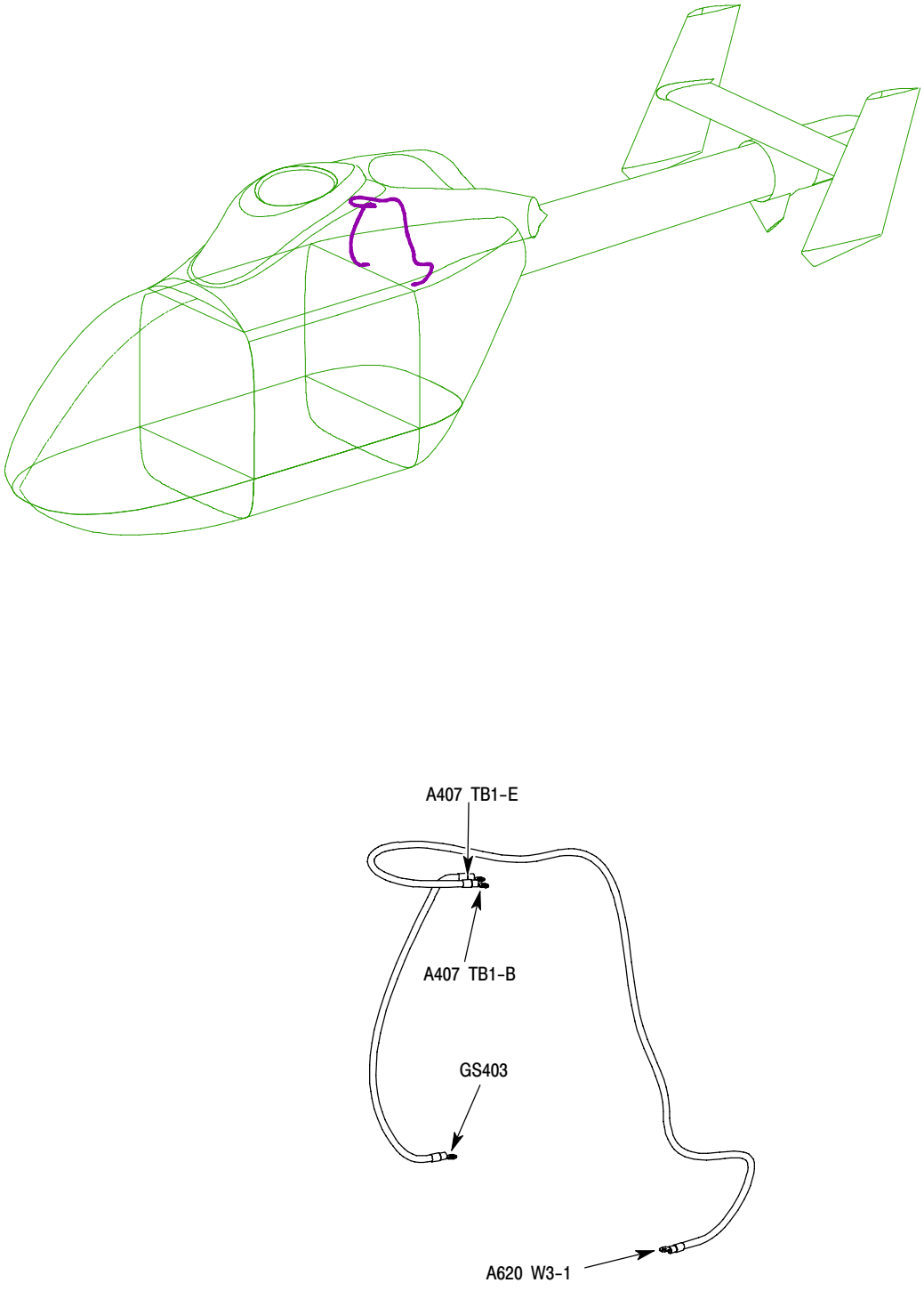
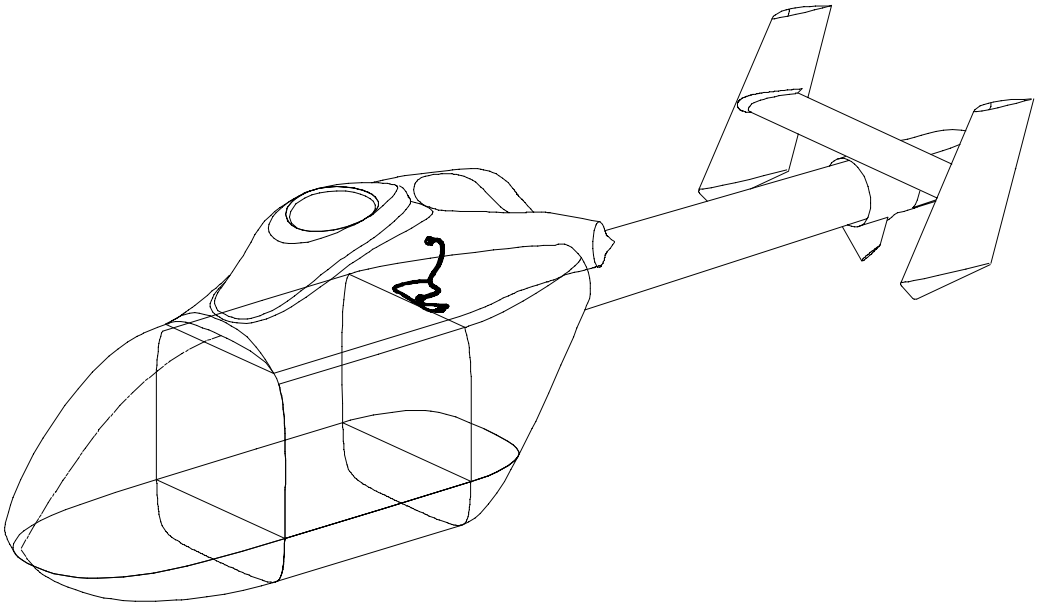
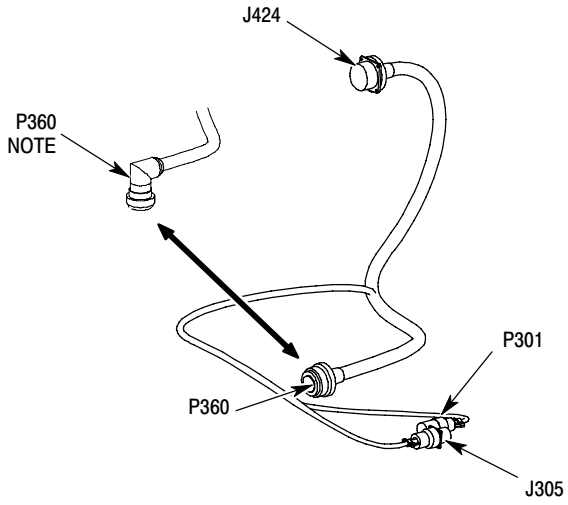


Figure 21. W141, Left Starter/Generator (Ref. Section 98–50–00 Wire List)





NOTE: 902 CONFIG

9W30–020A

Figure 22. W142, Right Electronic Engine Control (Ref. Section 98–50–00 Wire List)

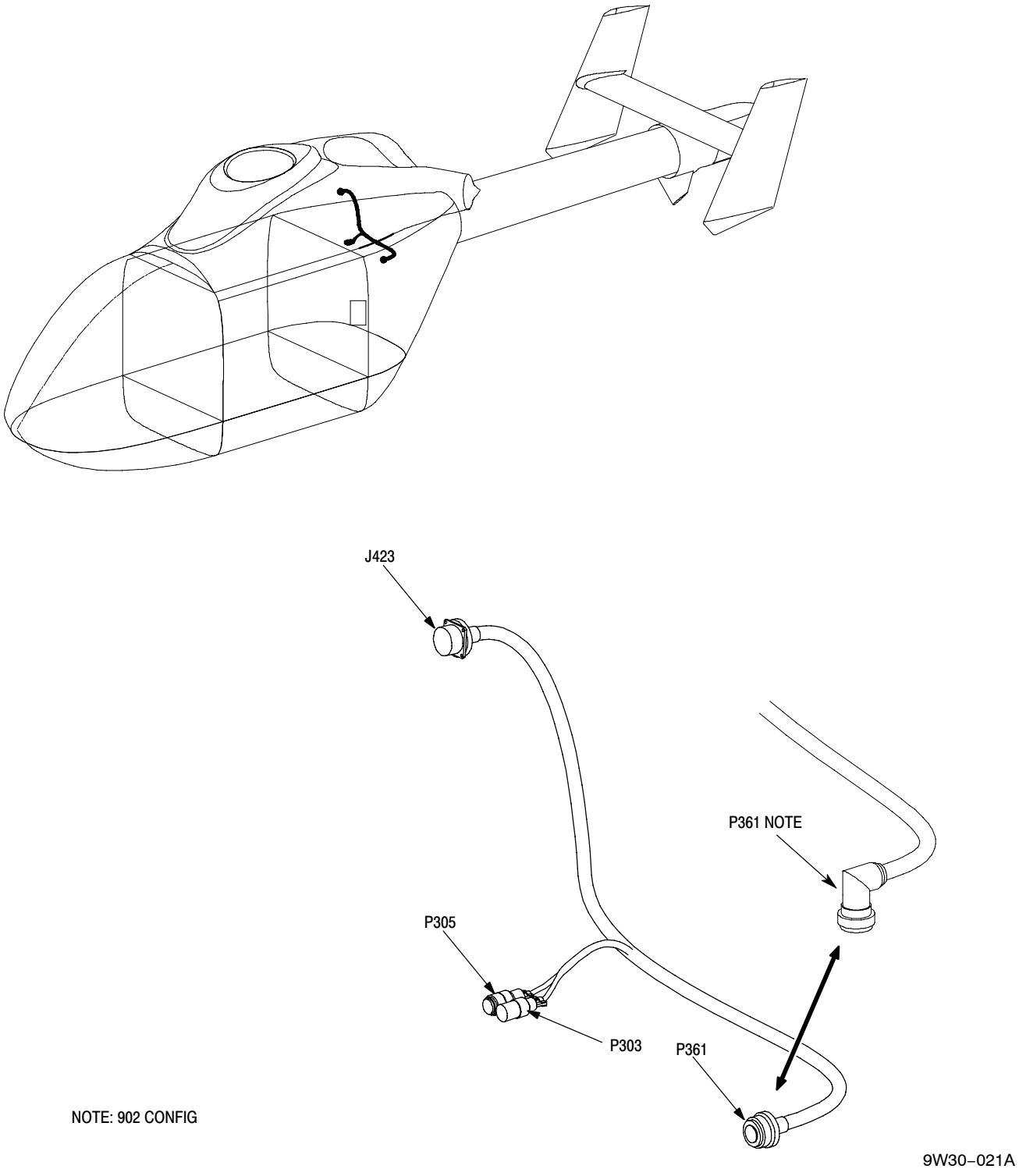


Figure 23. W143, Left Electronic Engine Control (Ref. Section 98–50–00 Wire List)

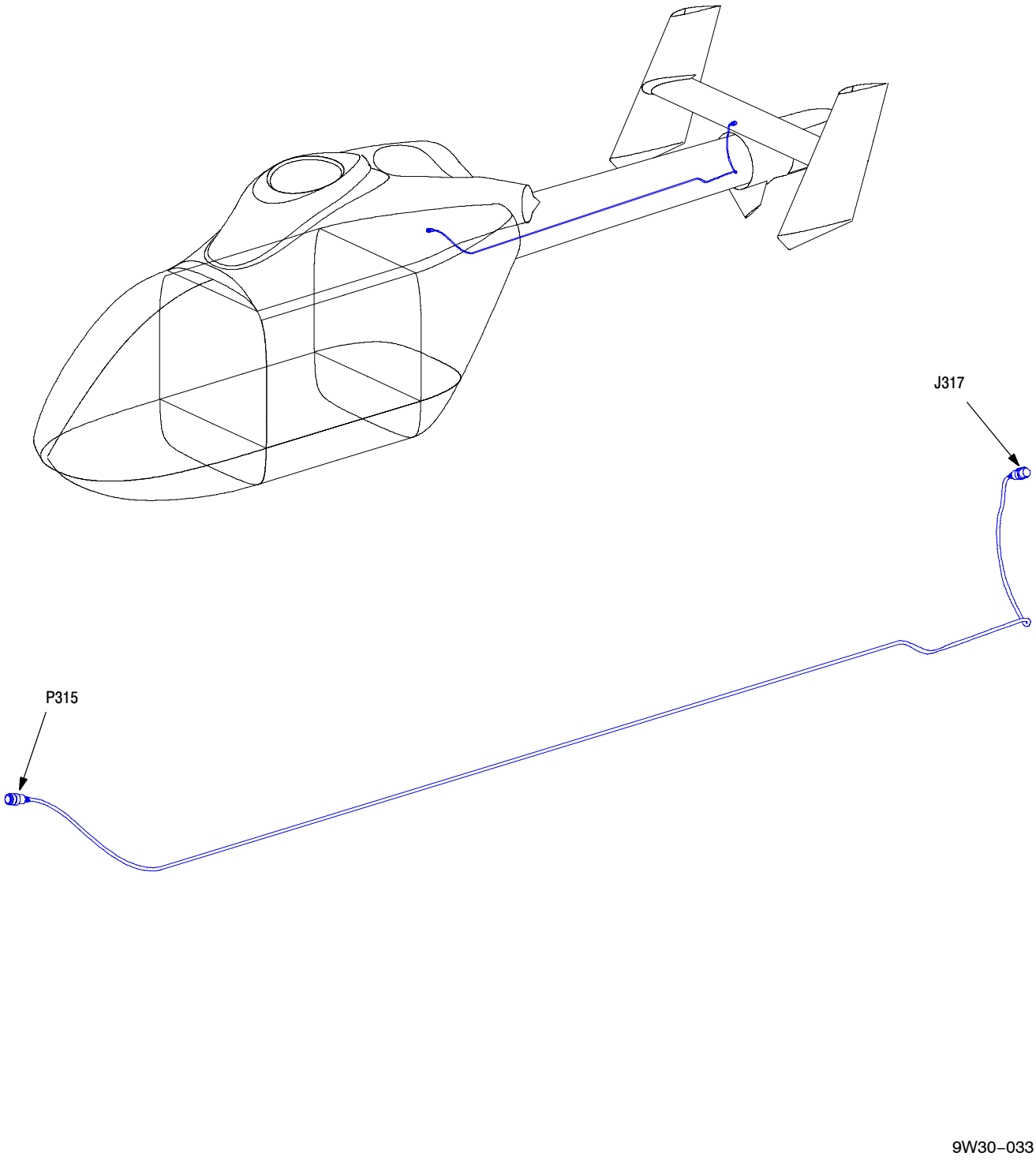


Figure 24. W144, Vertical Stabilizer Control System (Ref. Section 98–50–00 Wire List)

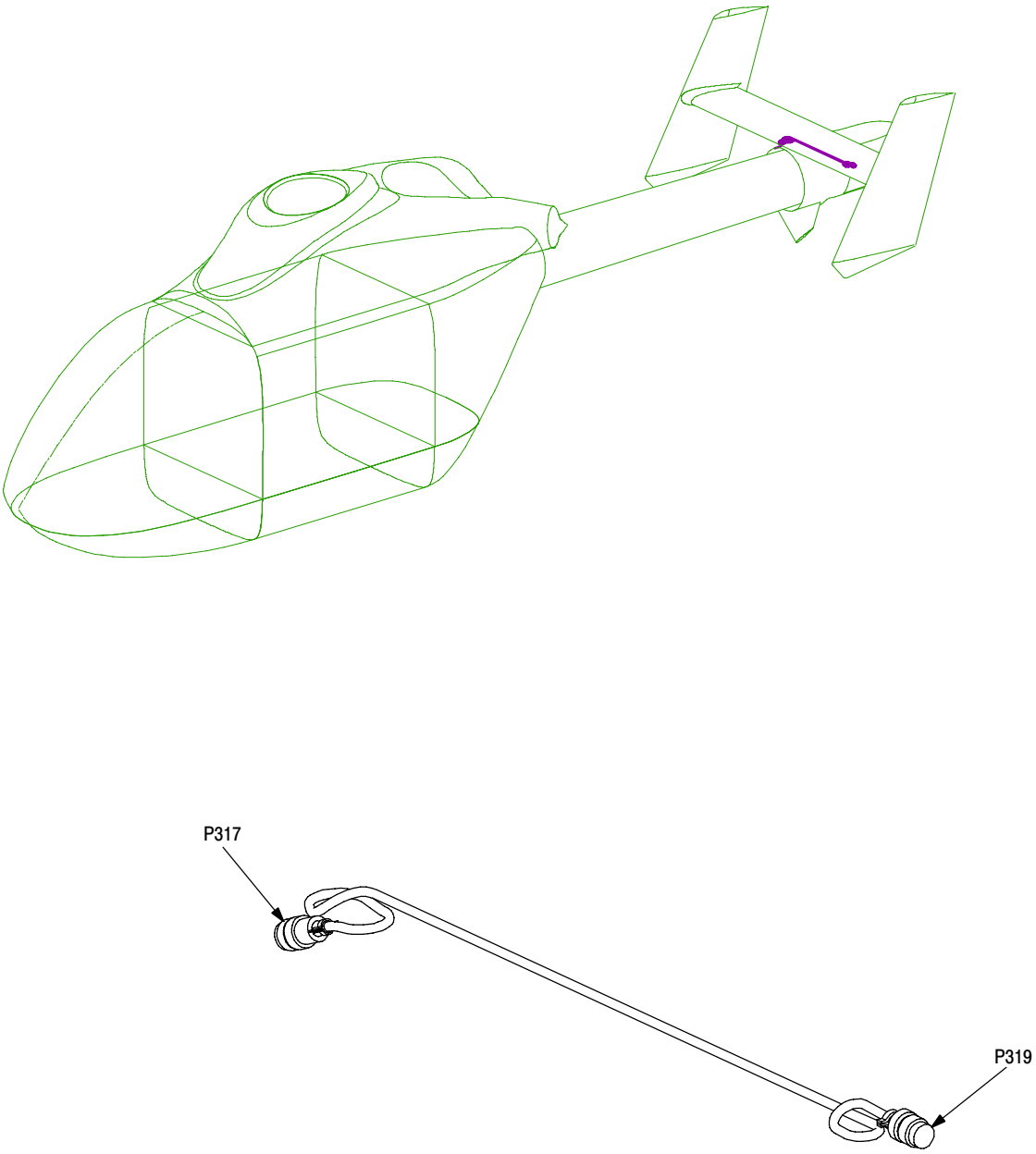


Figure 25. W145, Vertical Stabilizer Control System (Ref. Section 98–50–00 Wire List)

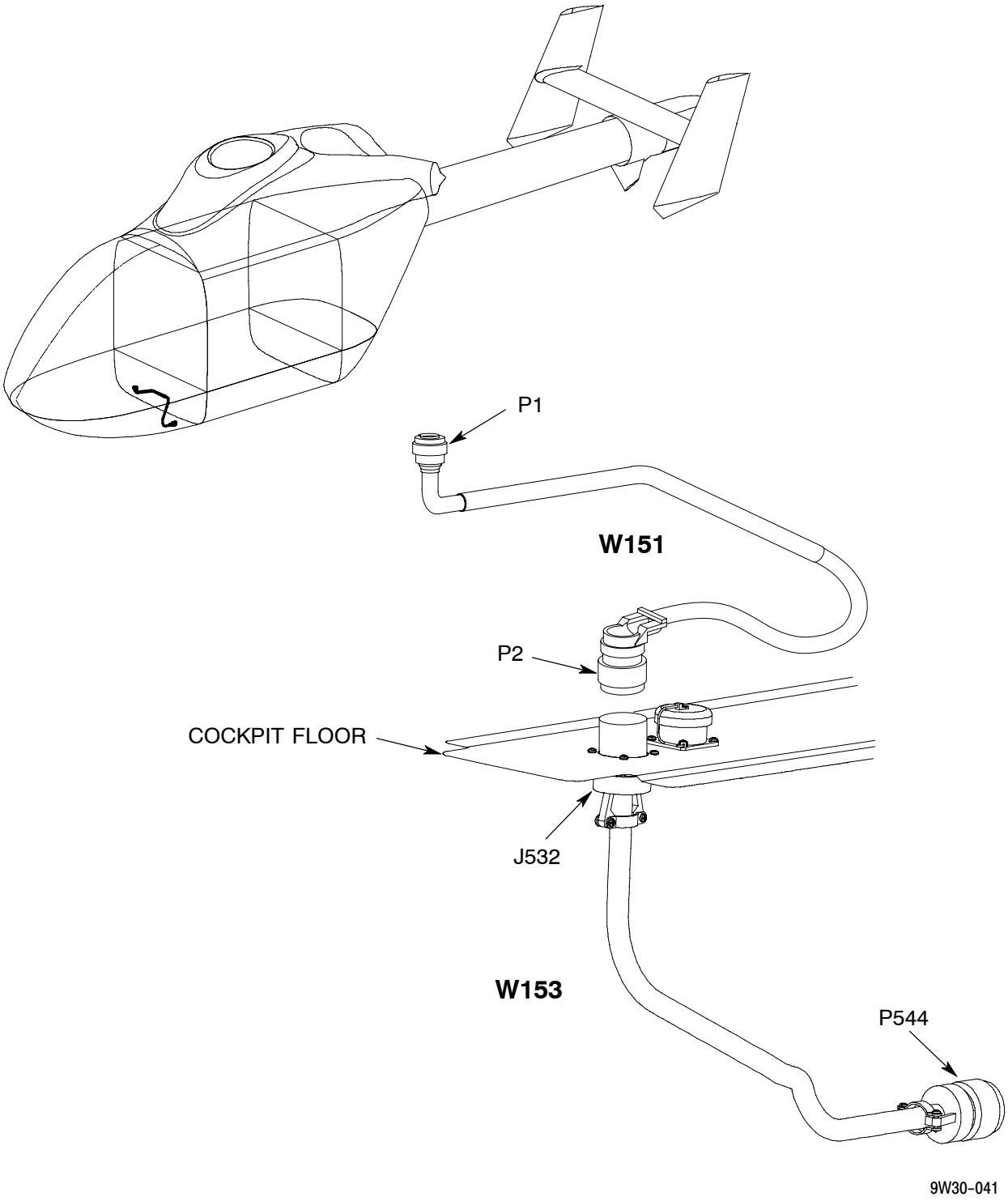


Figure 26. W151, W153 Copilot Removable Collective Control (Ref. Section 98–50–00 Wire List)

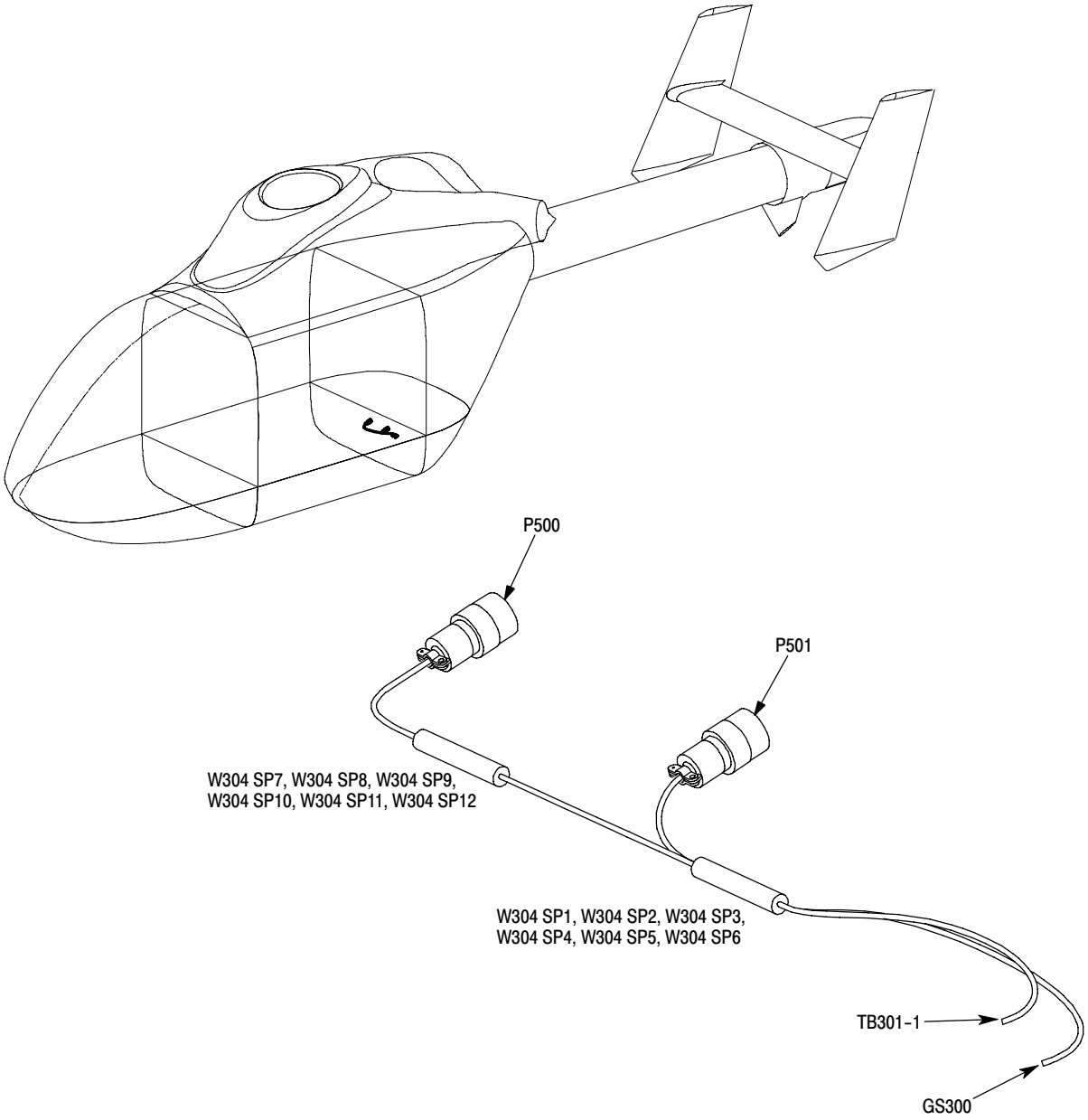


Figure 27. W304, Condenser Fan (Ref. Section 98–50–00 Wire List)

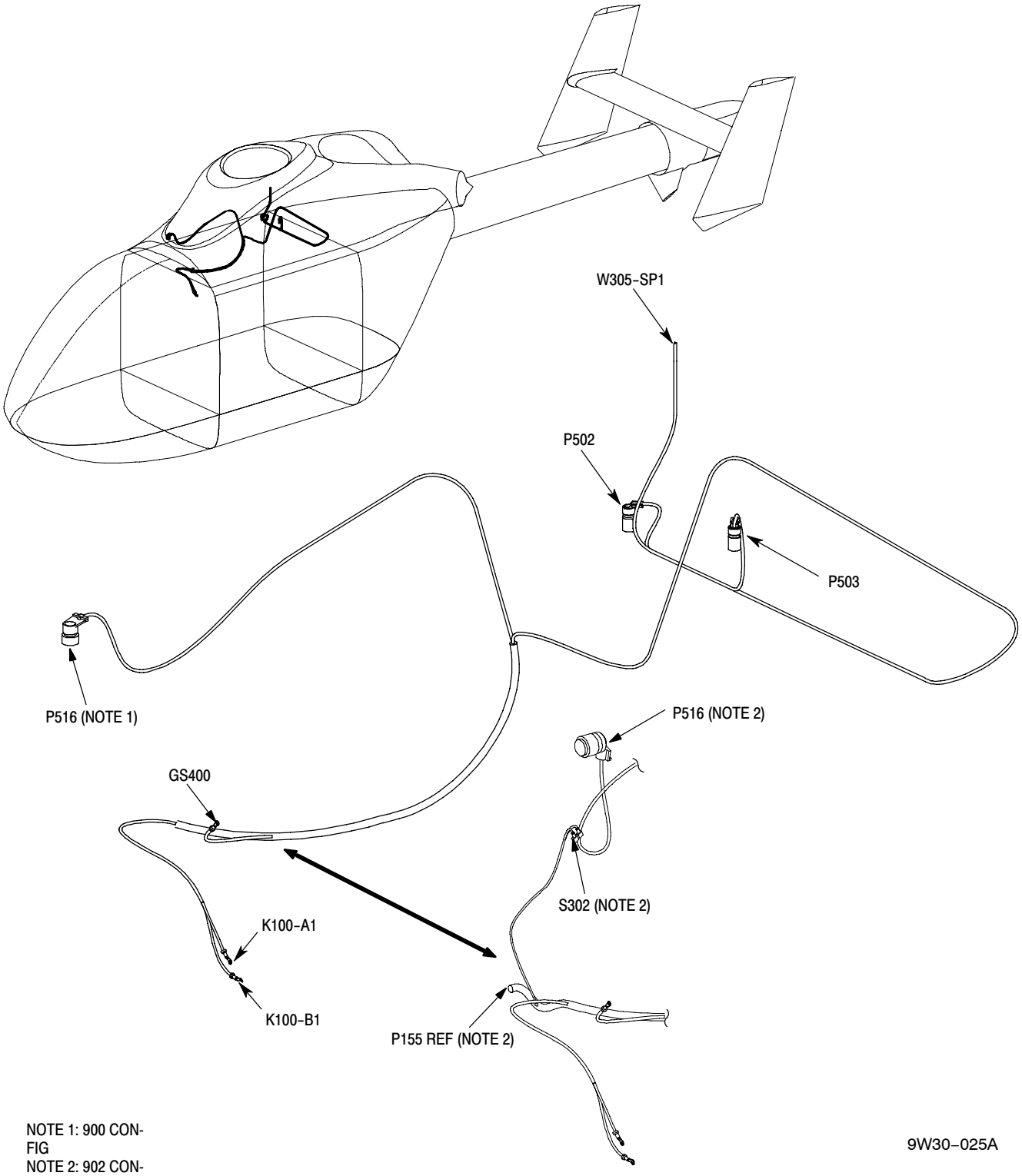


Figure 28. W305, Evaporator Fan (Ref. Section 98–50–00 Wire List)

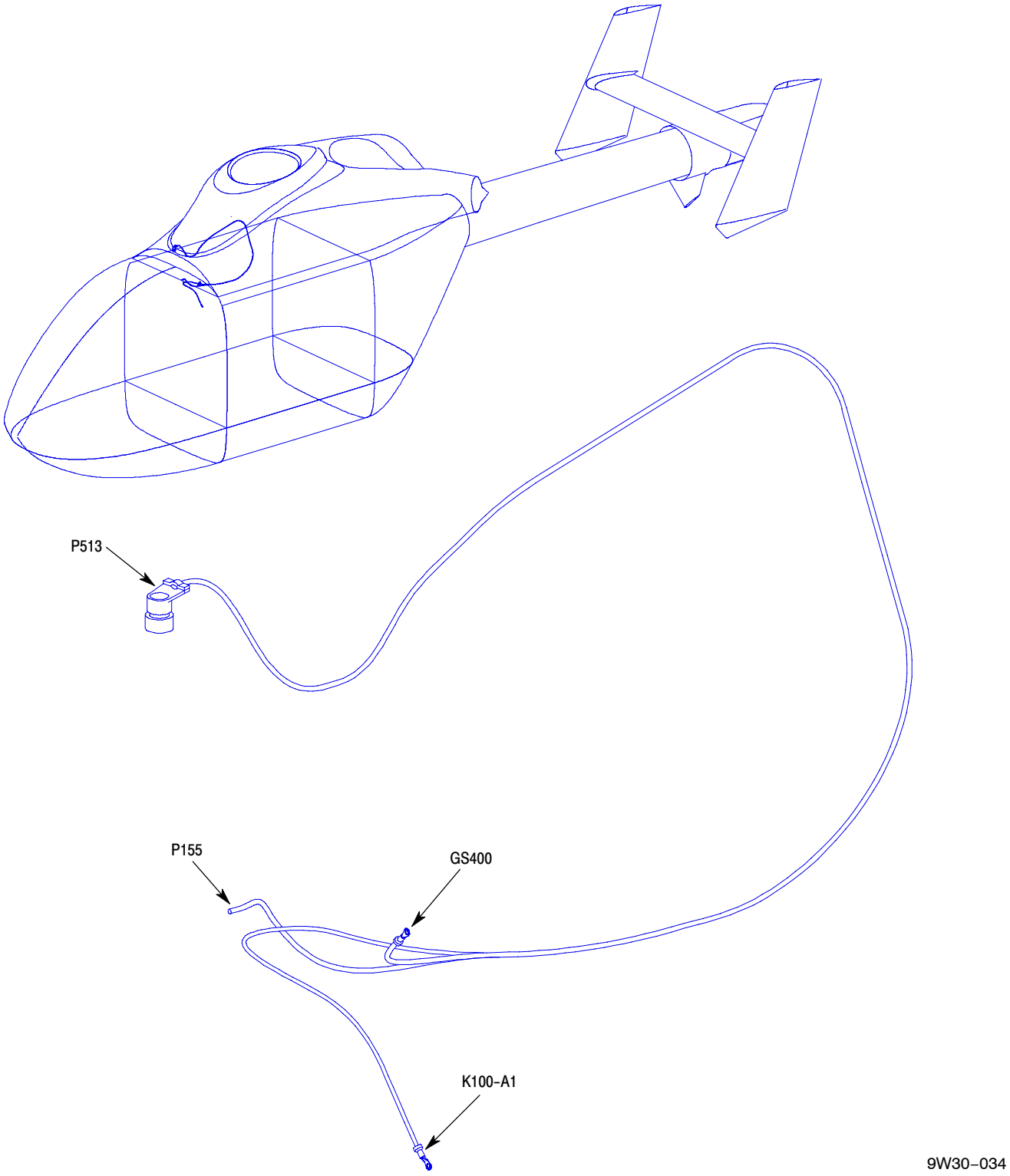


Figure 29. W306 Vent Fan (Ref. Section 98–50–00 Wire List)

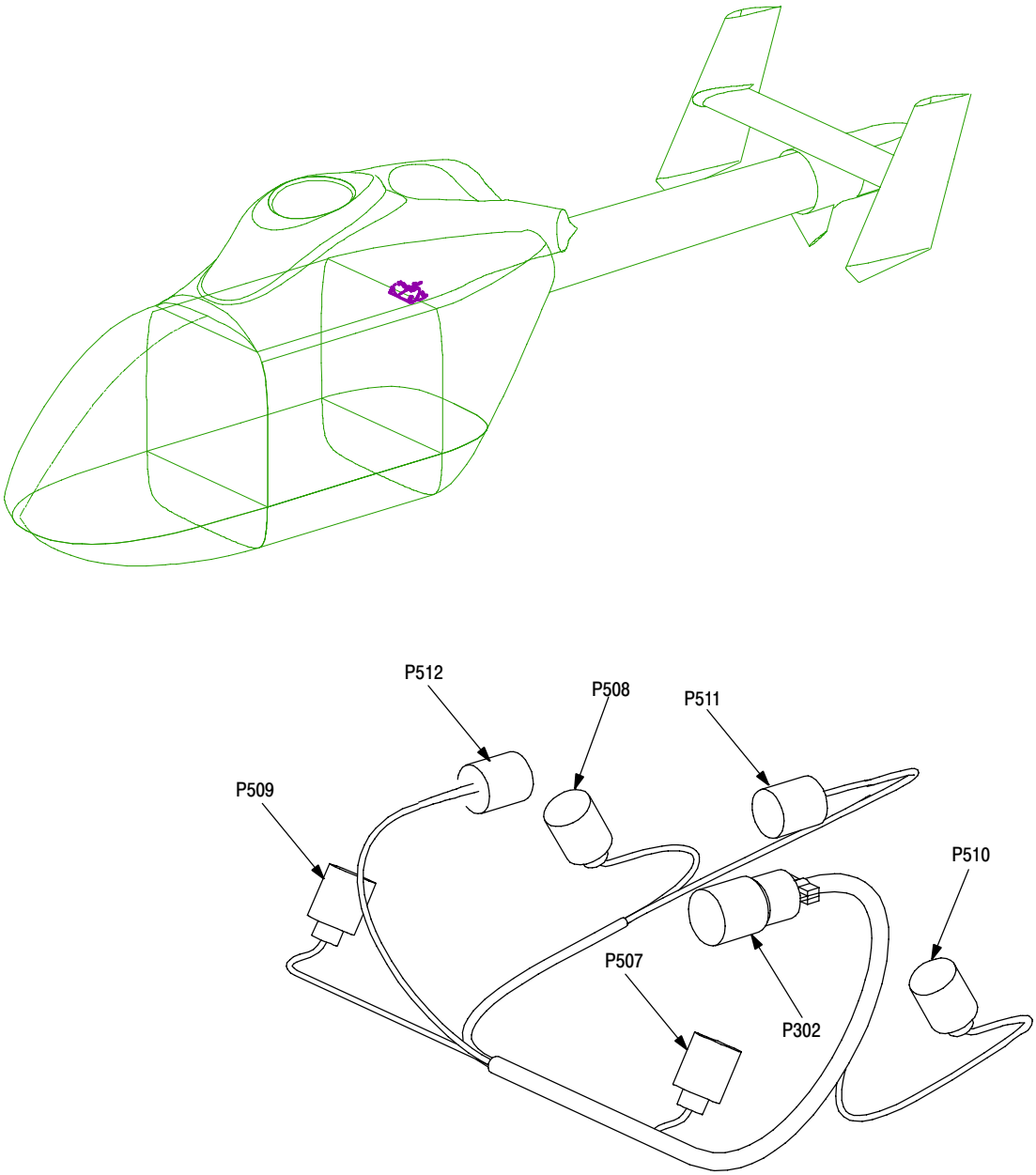


Figure 30. W307, Fire Suppression (Ref. Section 98–50–00 Wire List)

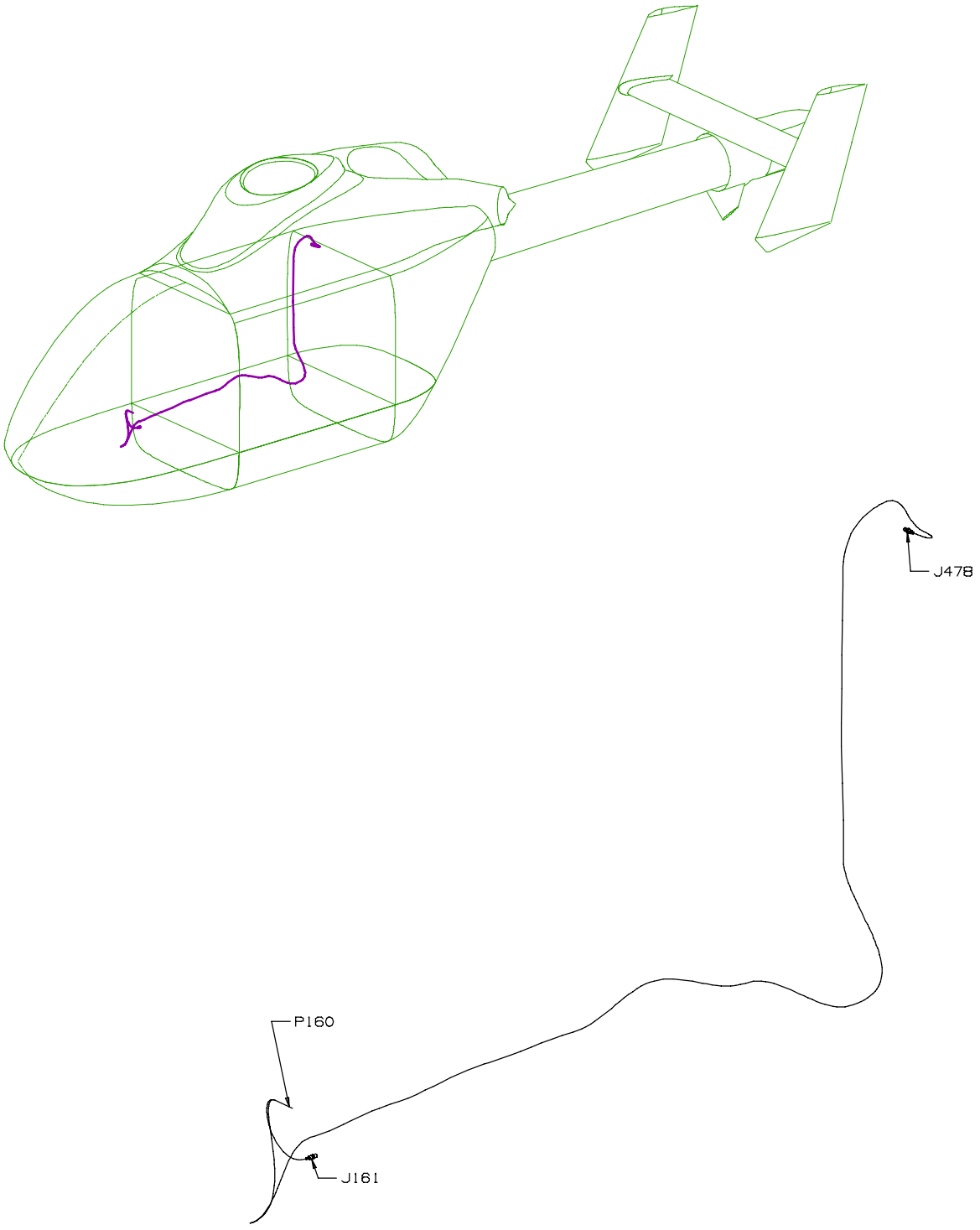


Figure 31. W309, Bleed Air Leak Detect (Ref. Section 98–50–00 Wire List)

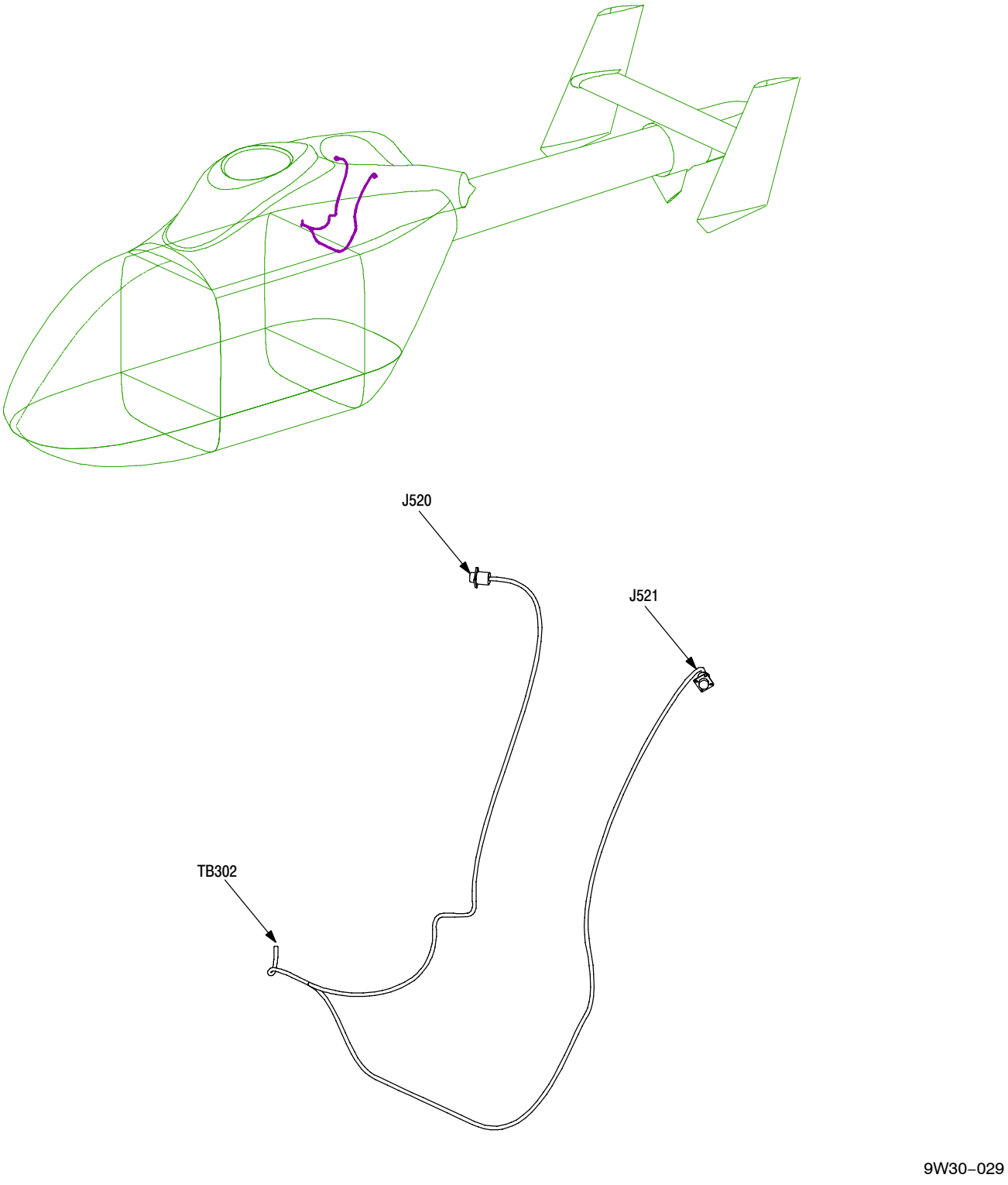


Figure 32. W311, IPS / Bleed Air Solenoid (Ref. Section 98–50–00 Wire List)

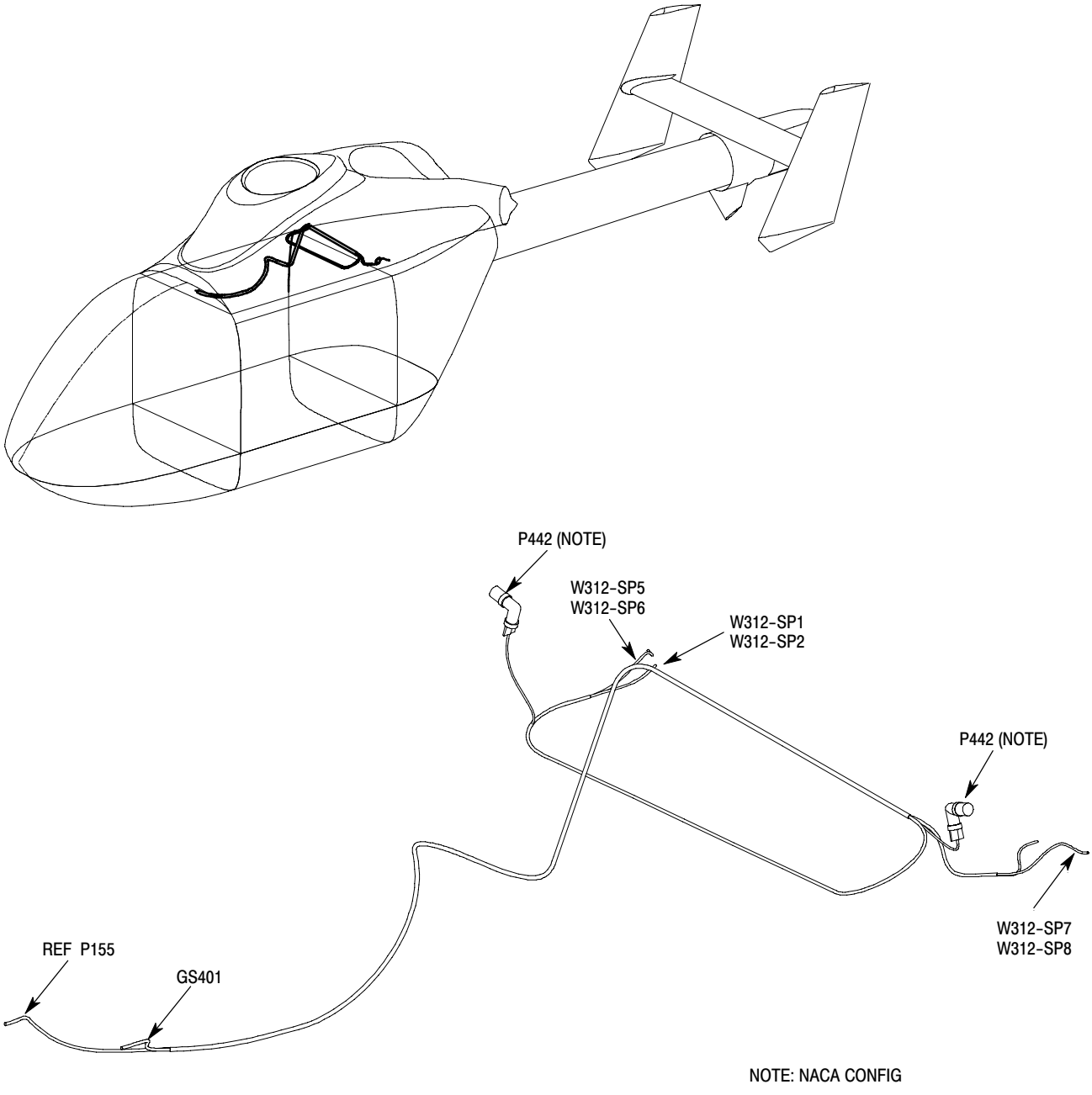


Figure 33. W312, Inlet Particle Separator (Ref. Section 98–50–00 Wire List)

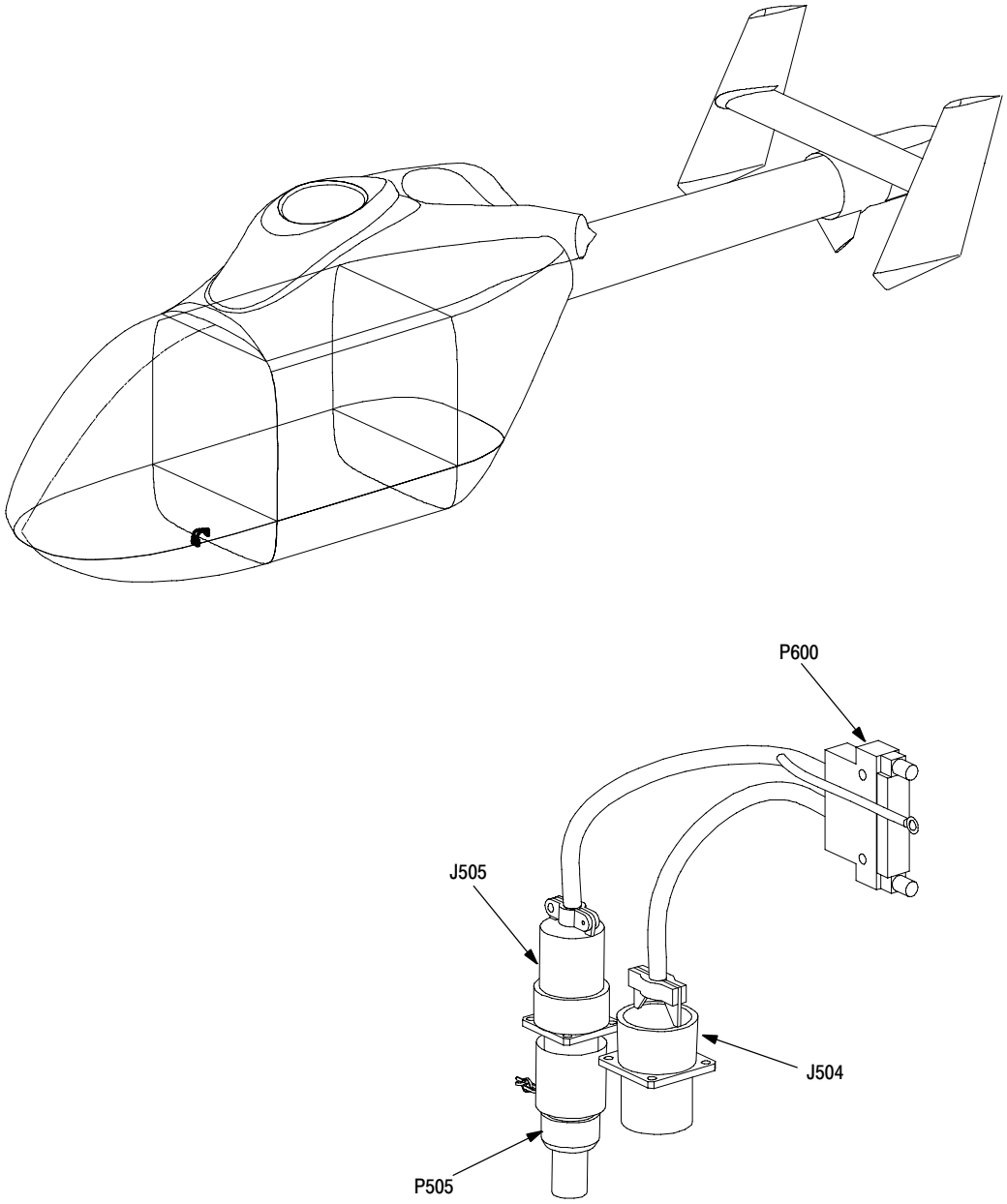


Figure 34. W314 Cargo Hook (Ref. Section 98–50–00 Wire List)

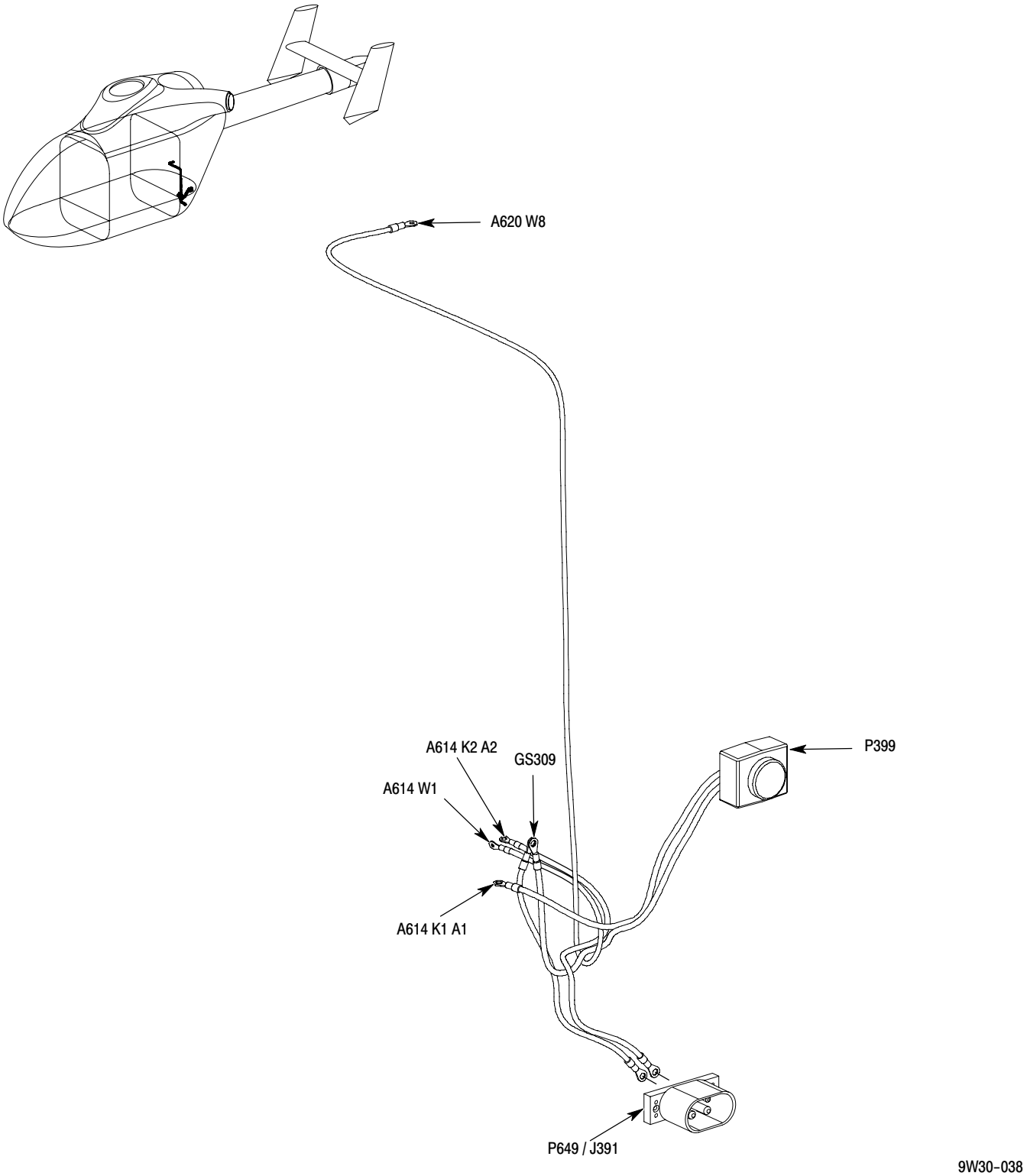


Figure 35. W325, (AFT Battery) External Power No.1 (Ref. Section 98–50–00 Wire List)

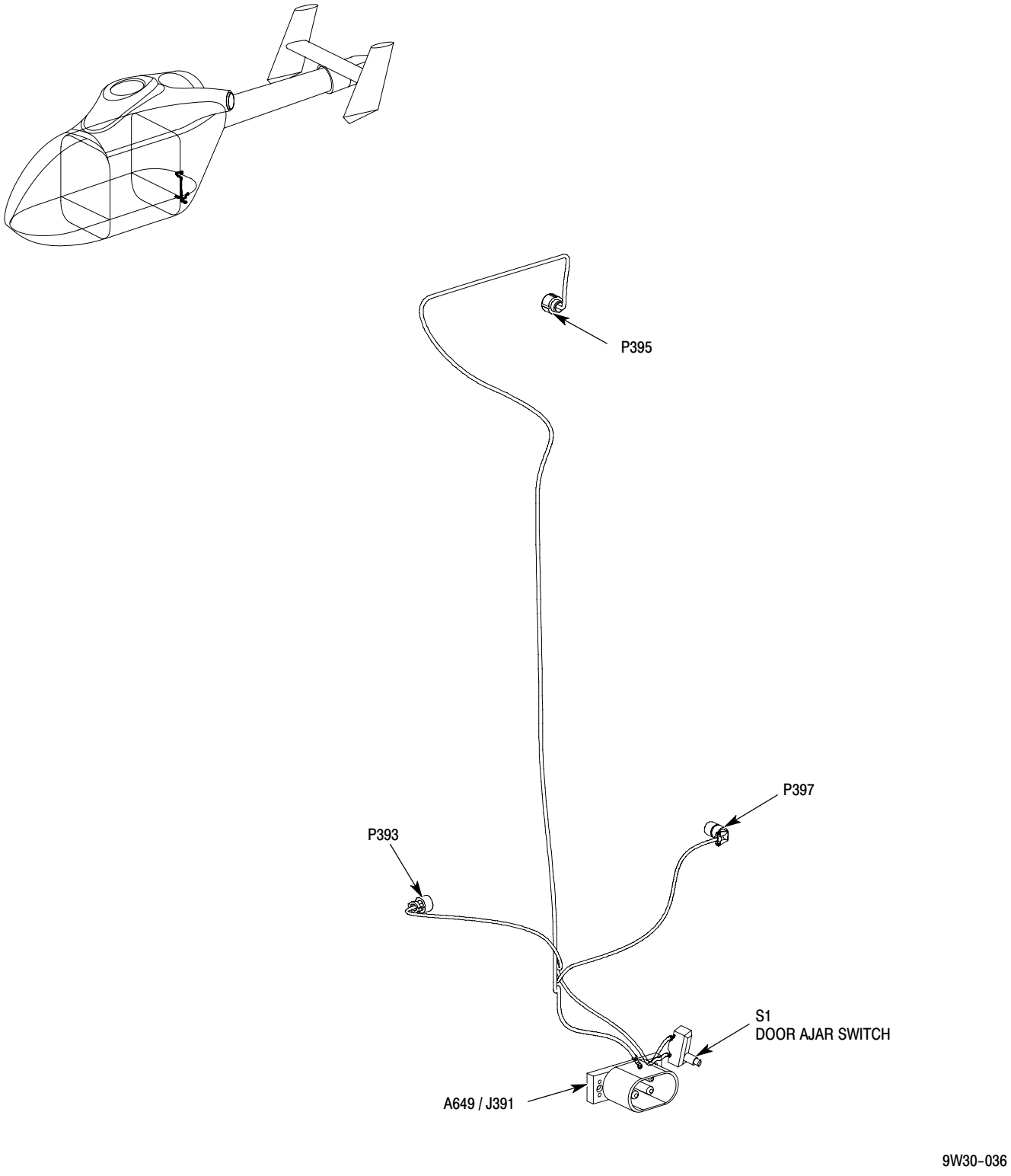


Figure 36. W327, (AFT Battery) External Power No. 2 (Ref. Section 98–50–00 Wire List)

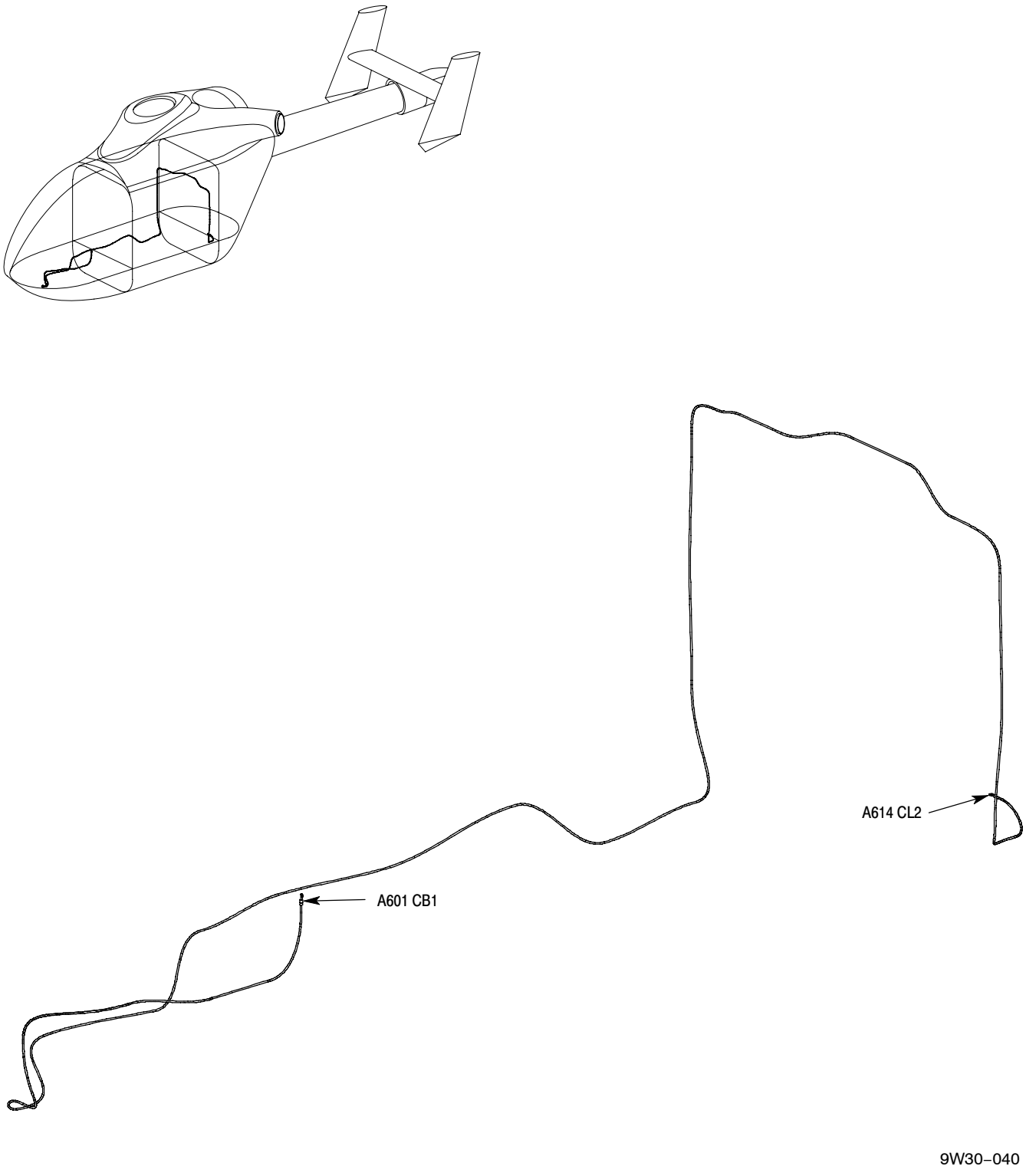


Figure 37. W328, (AFT Battery) Right Essential Bus Power (Ref. Section 98–50–00 Wire List)

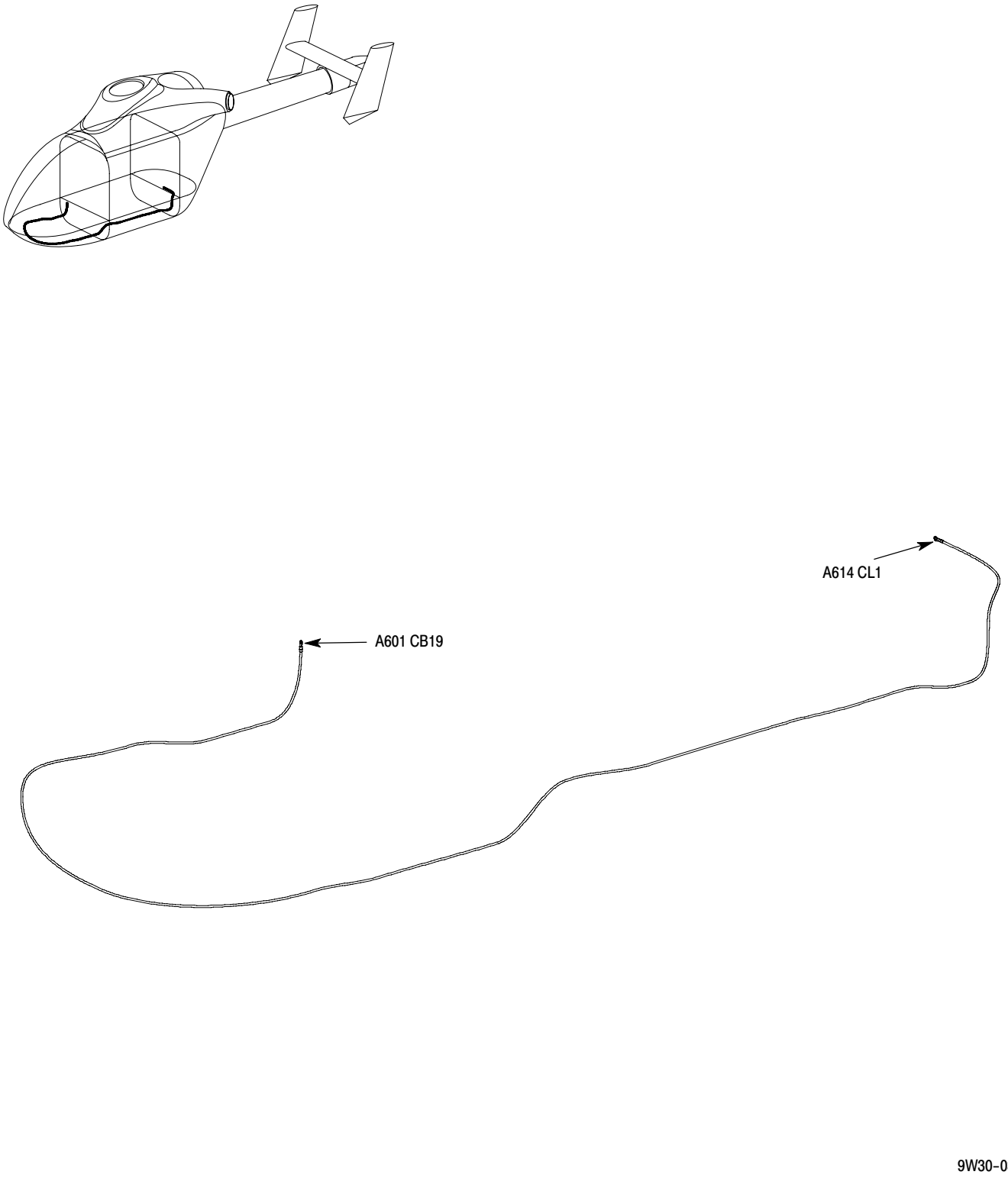


Figure 38. W329, (AFT Battery) Left Essential Bus Power (Ref. Section 98–50–00 Wire List)

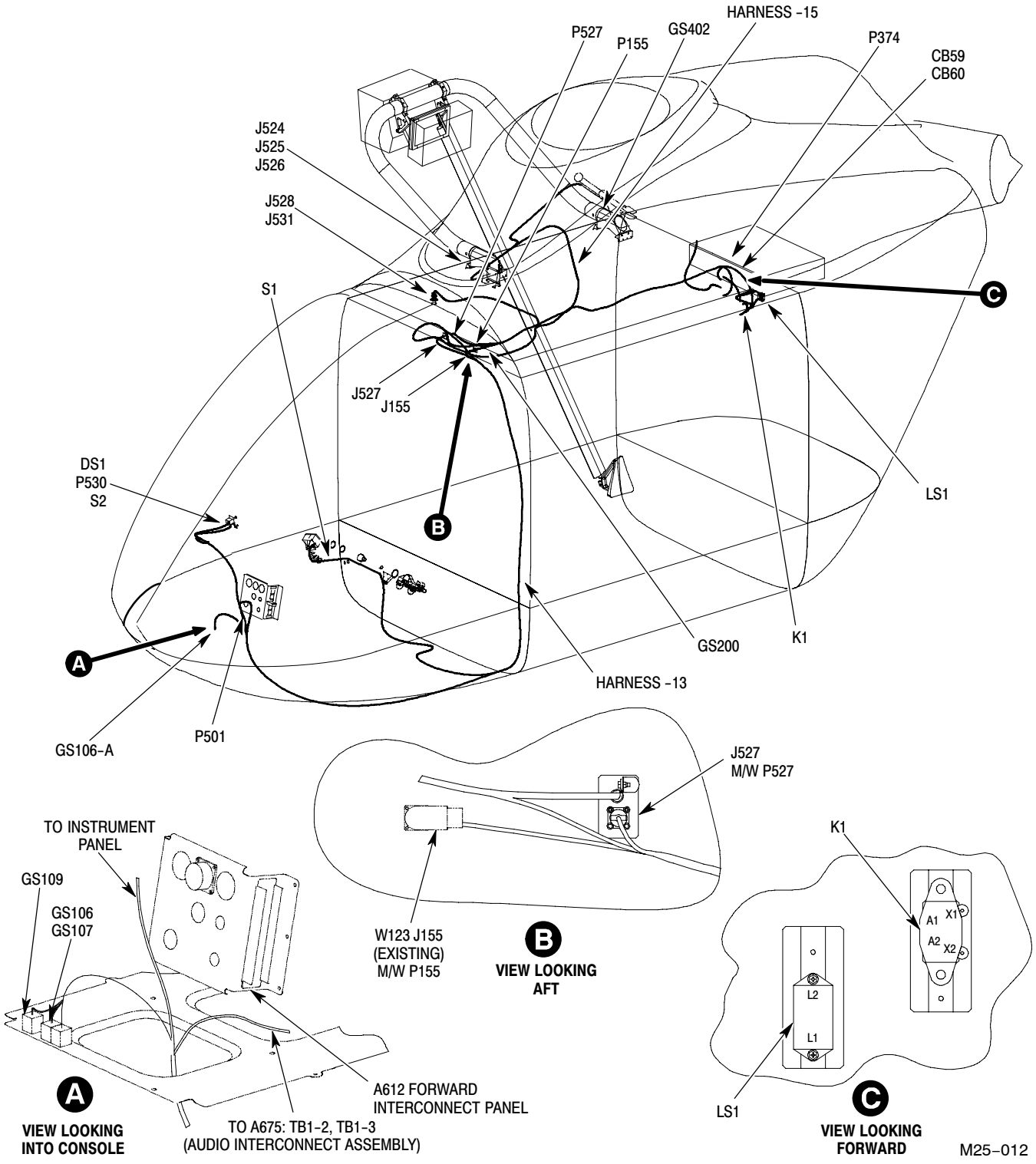


Figure 39. Emergency Hoist

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Section

98–40–00

Interconnect Wiring Diagrams (IWD)

INTERCONNECT WIRING DIAGRAMS

ABBREVIATIONS

1. Abbreviations

(Ref. Table 1)

The table shows abbreviations that are in the wire diagrams in this manual.

Table 1. Abbreviations

Use	Term
A	
AIR COND	Air Condition
ALT	Alternate
AOG	Aircraft on Ground
AUX	Auxiliary
B	
BAT	Battery
C	
COMM	Communication
D	
DEC	Decrease
E	
ENG	Engine
ESNTL	Essential
EXCIT	Excitation
EXT	External
G	
GEN	Generator
GLC	Generator Line Contactor
GND	Ground
H	
HI	High
HYD	Hydraulic
I	
ICS	Intercommunication System
INC	Increase
INSTR	Instrument
IPS	Inlet Particle Separator
L	
LT	Light
LO	Low
M	
MAN	Manual
MIC	Microphone
N	
NACA	National Advisory Committee for Aeronautics
NAV	Navigation
P	
POT	Potentiometer
PRESS	Pressure
PRI	Primary
PWR	Power
R	
REF	Reference
RTN	Return
T	
TEMP	Temperature
X	
XDCR	Transducer
XFEED	Crossfeed
XMIT	Transmit
XMSN	Transmission
W	
WT	Weight

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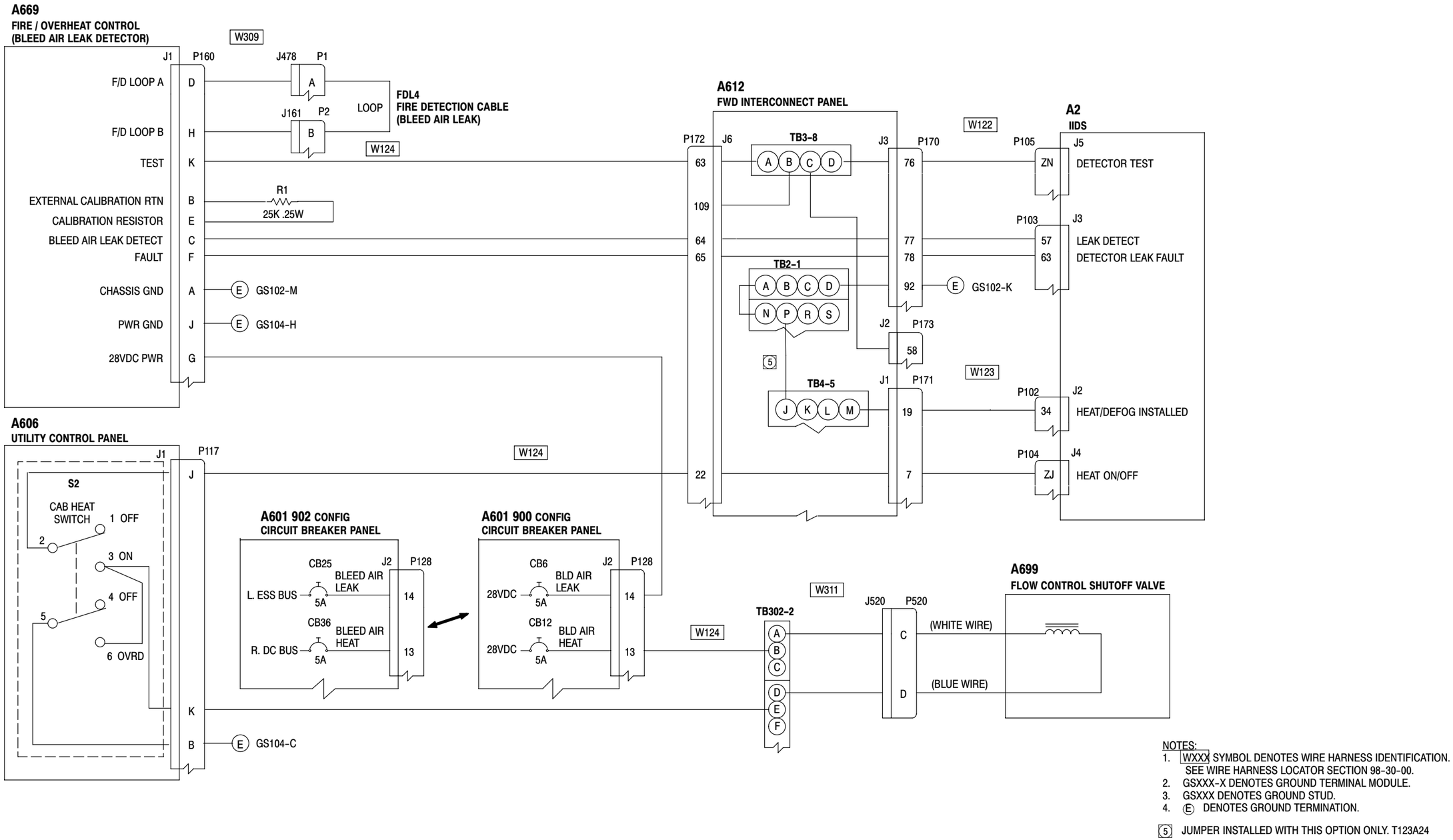

NOTES:
1. WXXX SYMBOL DENOTES WIRE HARNESS IDENTIFICATION. SEE WIRE HARNESS LOCATOR SECTION 98-30-00.
2. GSXXX-X DENOTES GROUND TERMINAL MODULE.
3. GSXXX DENOTES GROUND STUD.
4. (E) DENOTES GROUND TERMINATION.

[5] JUMPER INSTALLED WITH THIS OPTION ONLY. T123A24

9W40–001B

Figure 1. Heat and Defog Interconnect Wire Diagram

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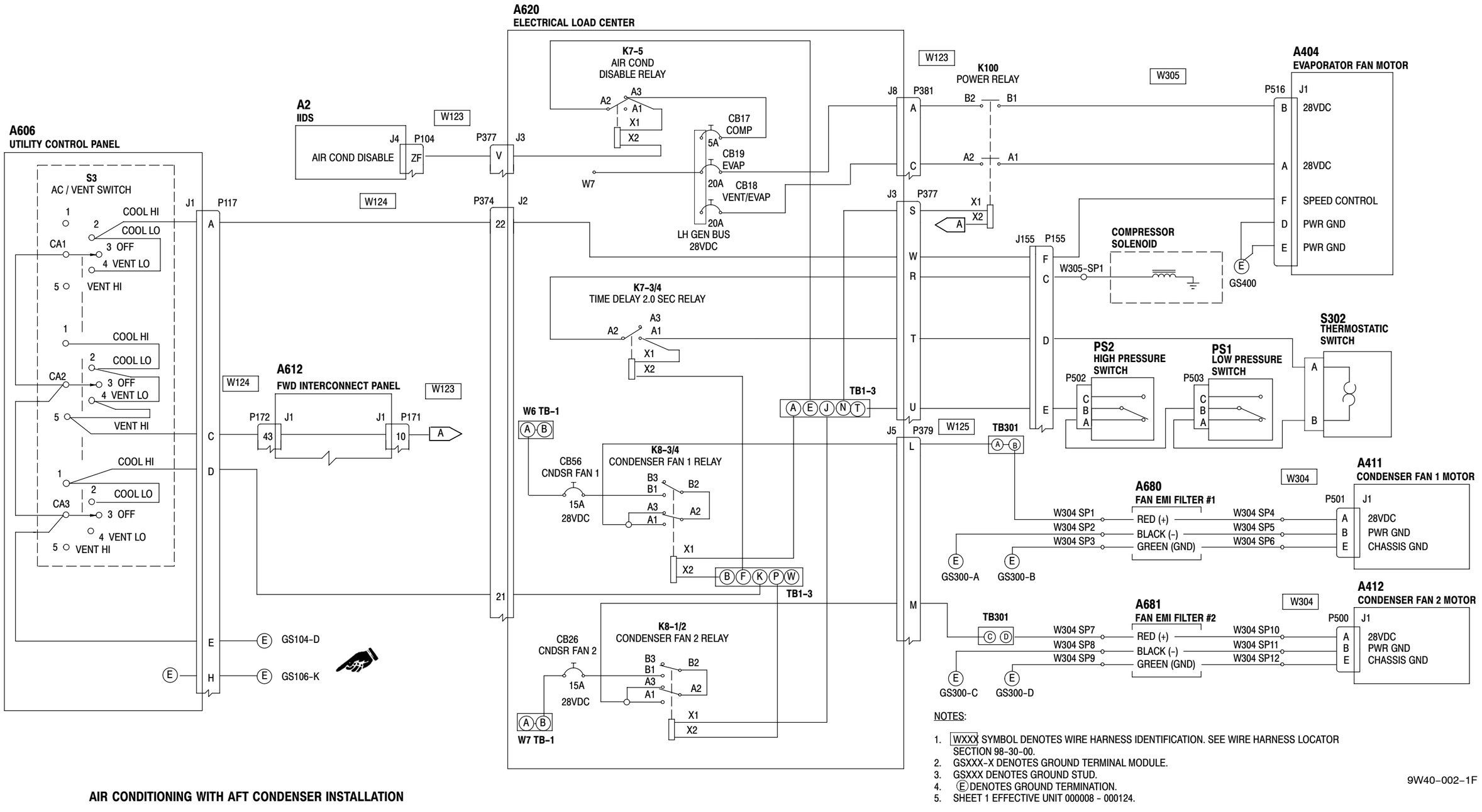

AIR CONDITIONING WITH AFT CONDENSER INSTALLATION

NOTES:

1. WXXX SYMBOL DENOTES WIRE HARNESS IDENTIFICATION. SEE WIRE HARNESS LOCATOR SECTION 98–30–00.
2. GSXXX–X DENOTES GROUND TERMINAL MODULE.
3. GSXXX DENOTES GROUND STUD.
4. (E) DENOTES GROUND TERMINATION.
5. SHEET 1 EFFECTIVE UNIT 000008 – 000124.

9W40–002–1F

Figure 2. Air Conditioning System Interconnect Wire Diagram (Sheet 1 of 2)

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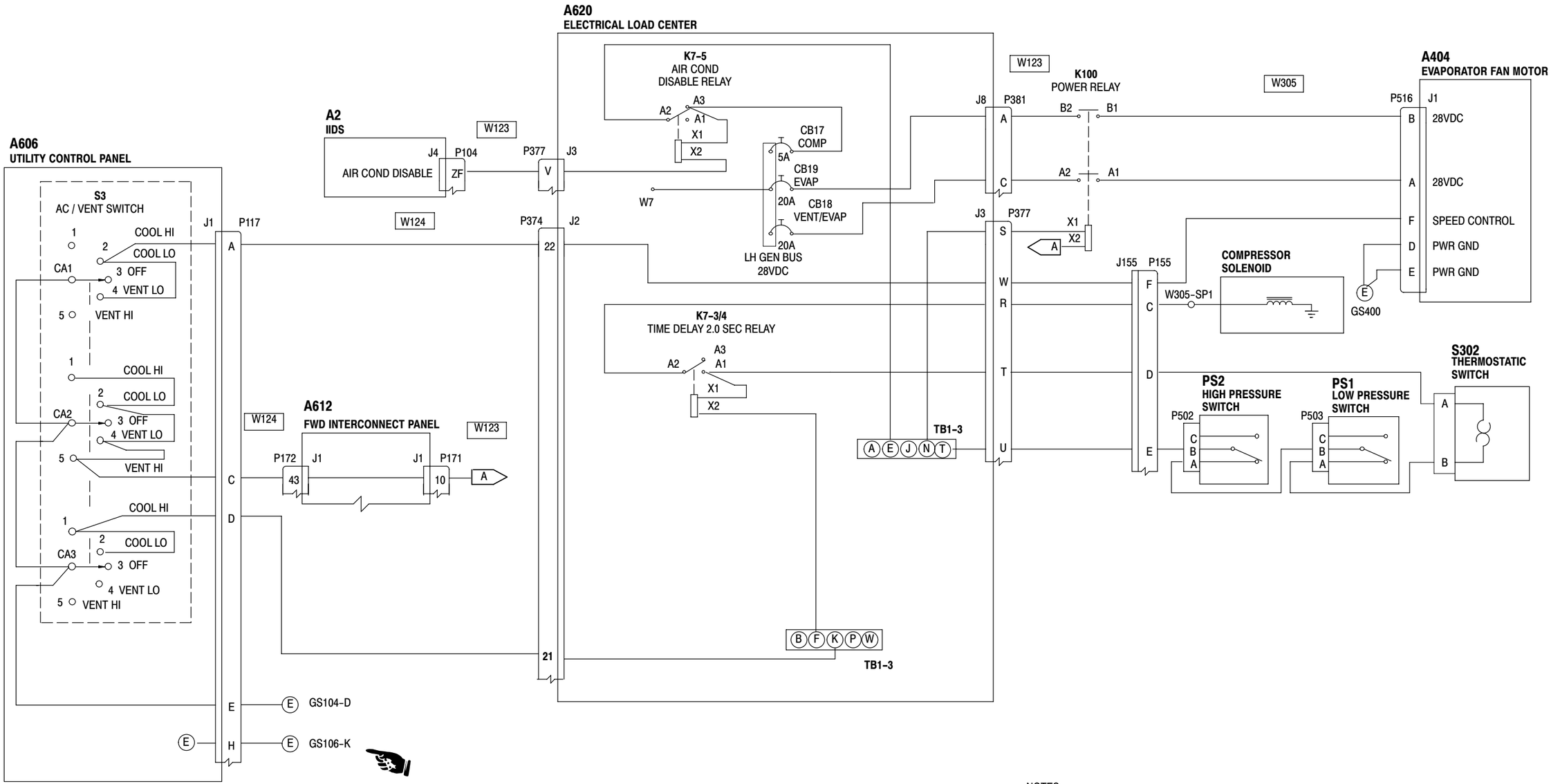

NOTES:
1. WXXX SYMBOL DENOTES WIRE HARNESS IDENTIFICATION. SEE WIRE HARNESS LOCATOR SECTION 98–30–00.
2. GSXXX–X DENOTES GROUND TERMINAL MODULE.
3. GSXXX DENOTES GROUND STUD.
4. (E) DENOTES GROUND TERMINATION.
5. SHEET 2 EFFECTIVE UNIT 000125 – 999999.

9W40–002–3A

Figure 2. Air Conditioning System Interconnect Wire Diagram (Sheet 2 of 2)

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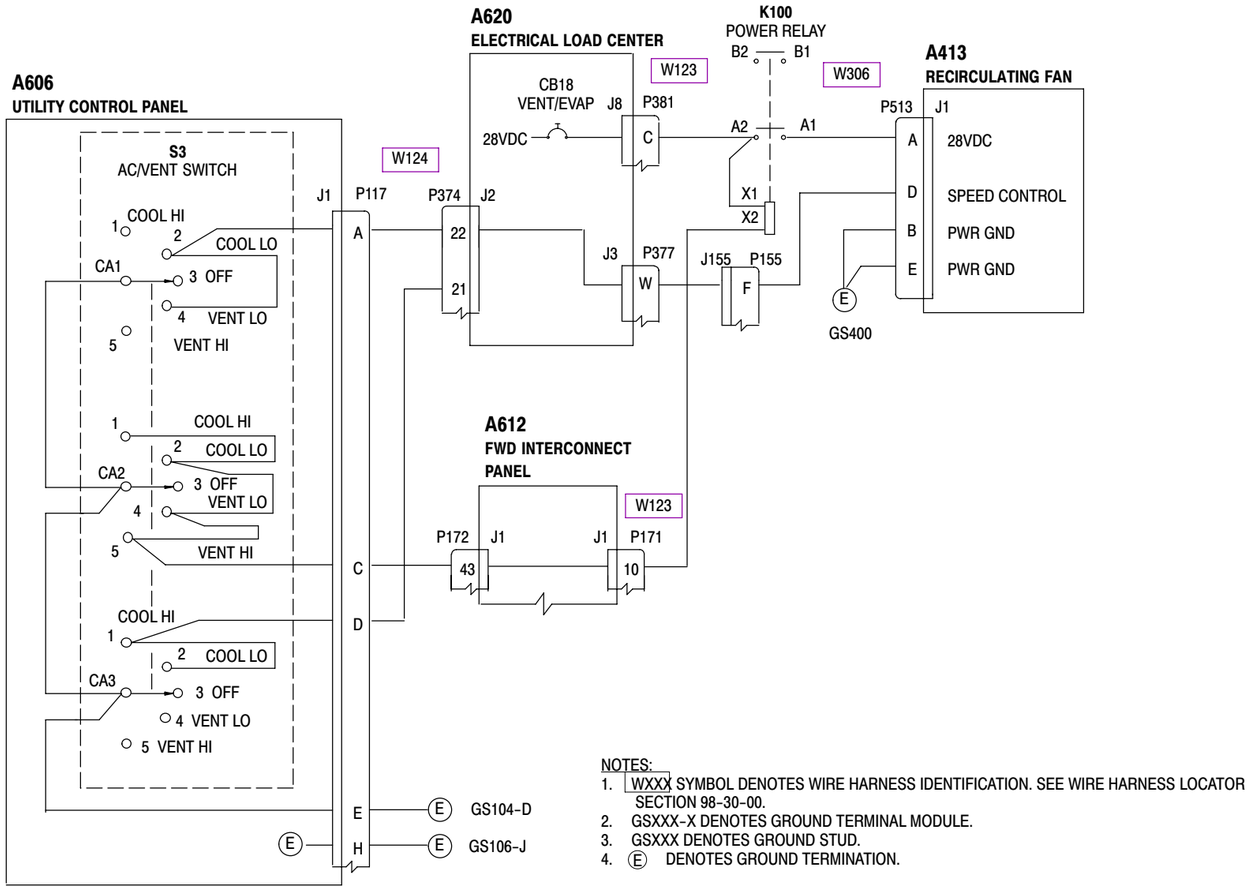

NOTES:
1. WXXX SYMBOL DENOTES WIRE HARNESS IDENTIFICATION. SEE WIRE HARNESS LOCATOR SECTION 98-30-00.
2. GSXXX-X DENOTES GROUND TERMINAL MODULE.
3. GSXXX DENOTES GROUND STUD.
4. (E) DENOTES GROUND TERMINATION.

9W40–002–2B

Figure 3. Basic Aircraft Ventilation Wire Diagram

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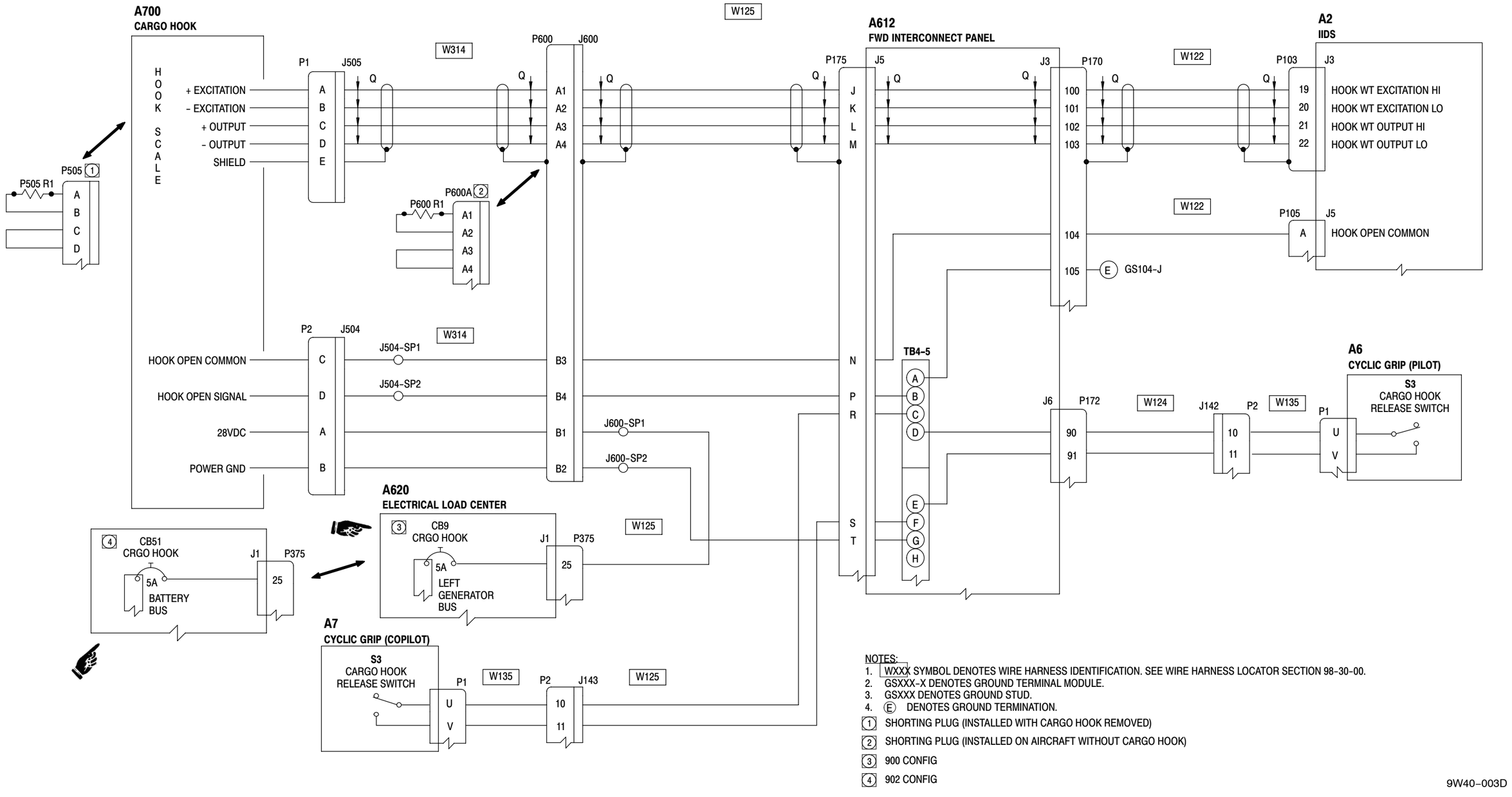

Figure 4. Cargo Hook Interconnect Wire Diagram

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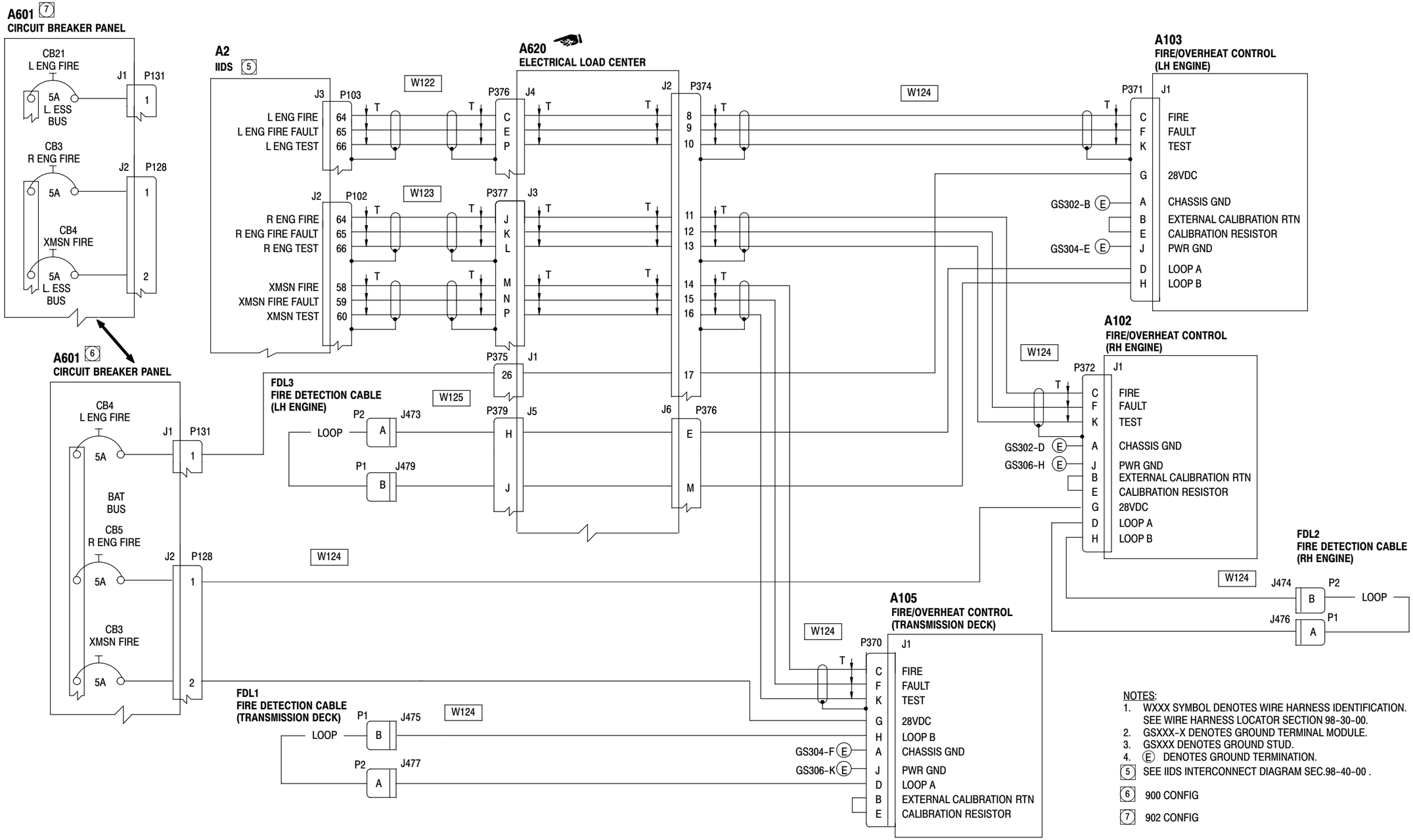

Figure 5. Fire Detection Interconnect Wire Diagram

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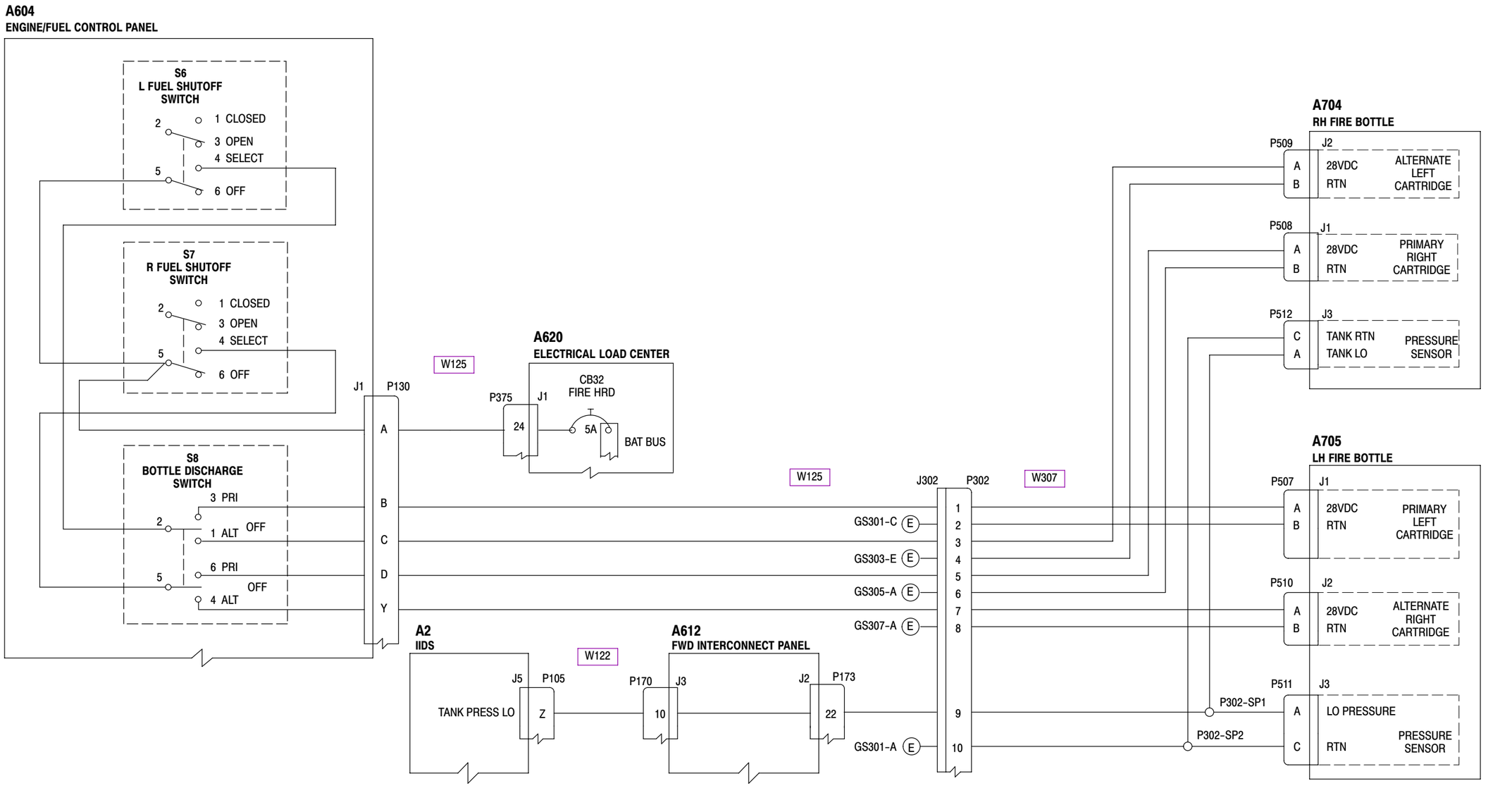

NOTES:
1. WXXX SYMBOL DENOTES WIRE HARNESS IDENTIFICATION. SEE WIRE HARNESS LOCATOR SECTION 98-30-00.
2. GSXXX-X DENOTES GROUND TERMINAL MODULE.
3. GSXXX DENOTES GROUND STUD.
4. (E) DENOTES GROUND TERMINATION.

9W40–005A

Figure 6. Fire Suppression Interconnect Wire Diagram

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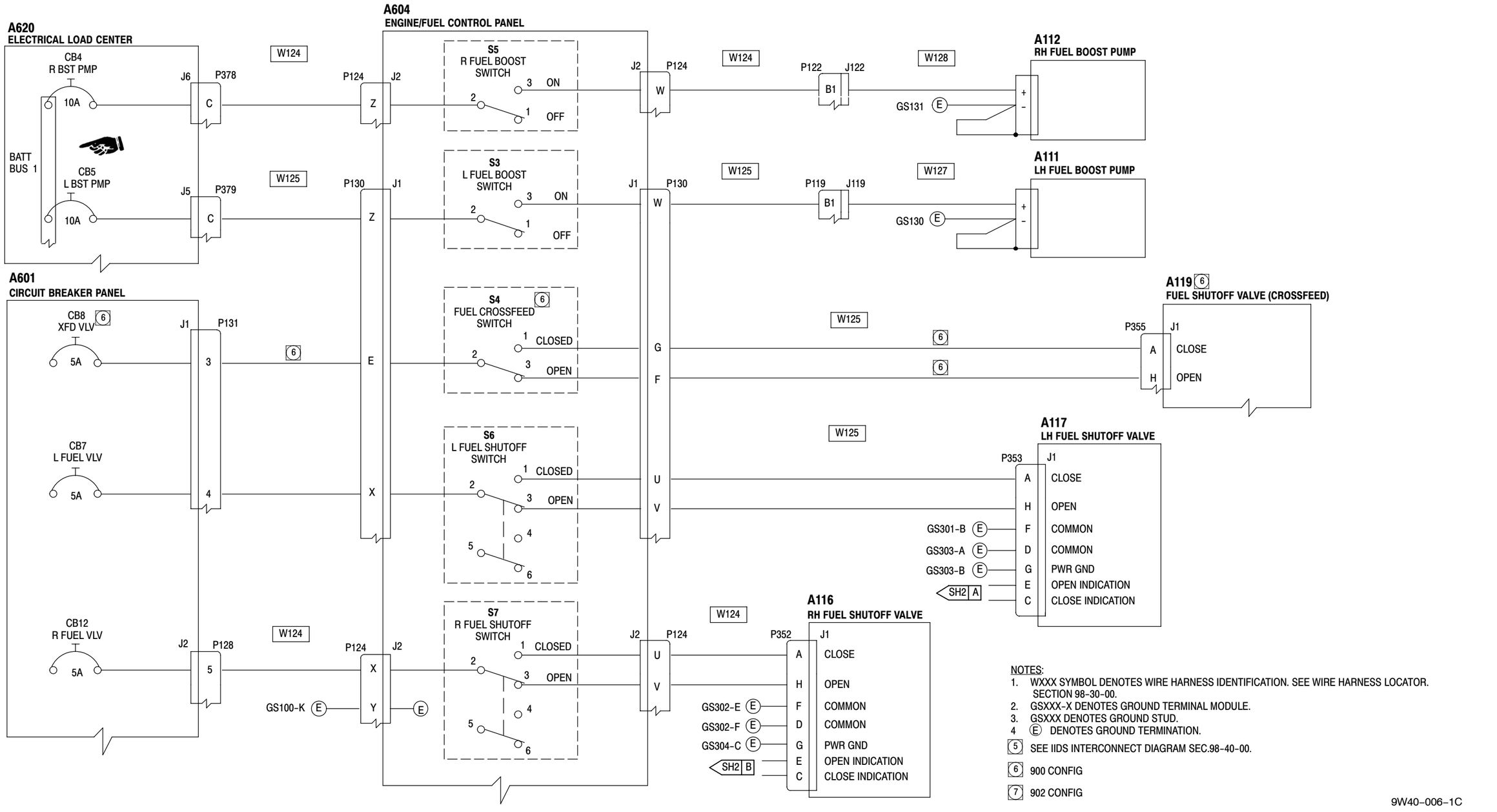

Figure 7. Fuel System Interconnect Wire Diagram (Sheet 1 of 2)

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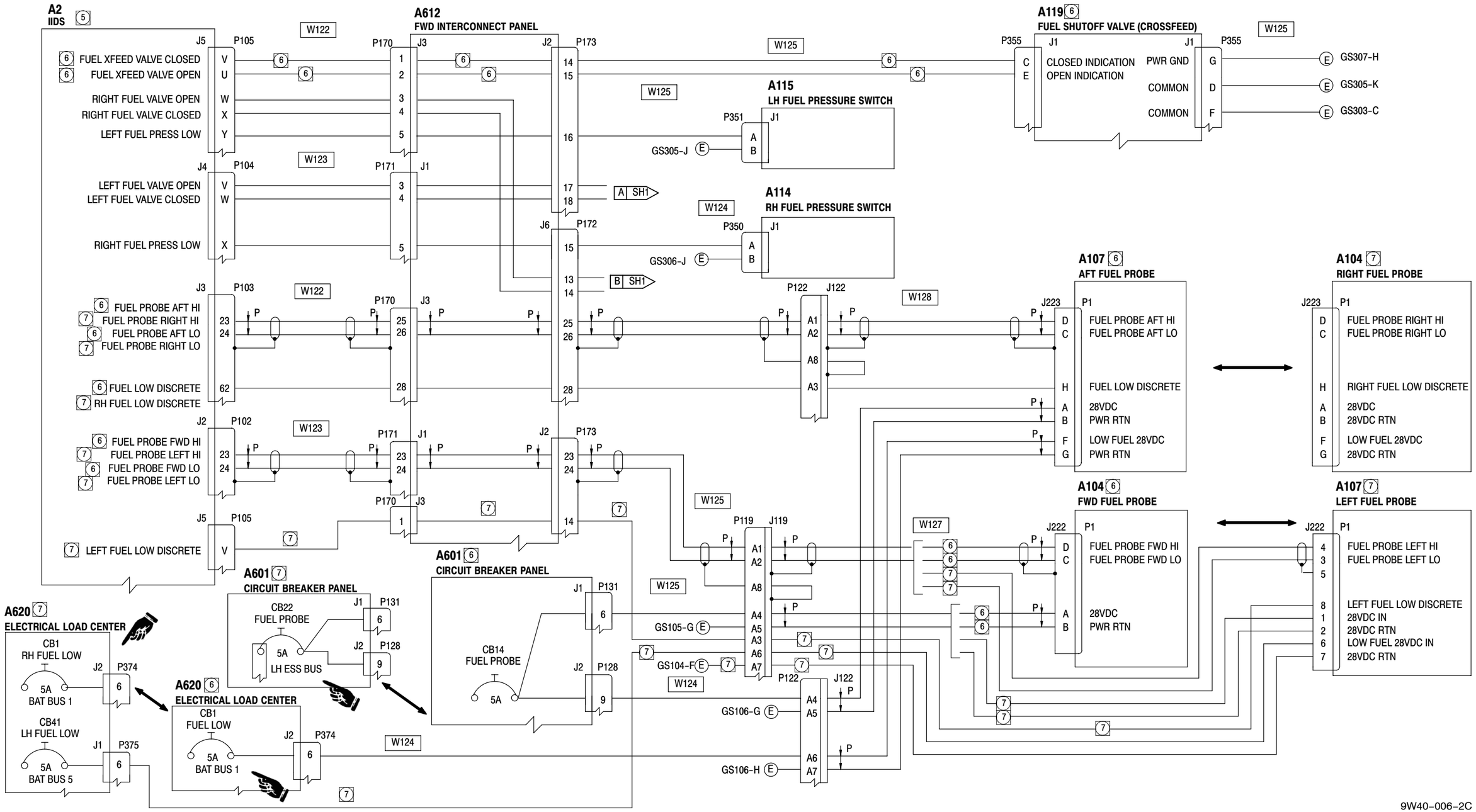

Figure 7. Fuel System Interconnect Wire Diagram (Sheet 2 of 2)

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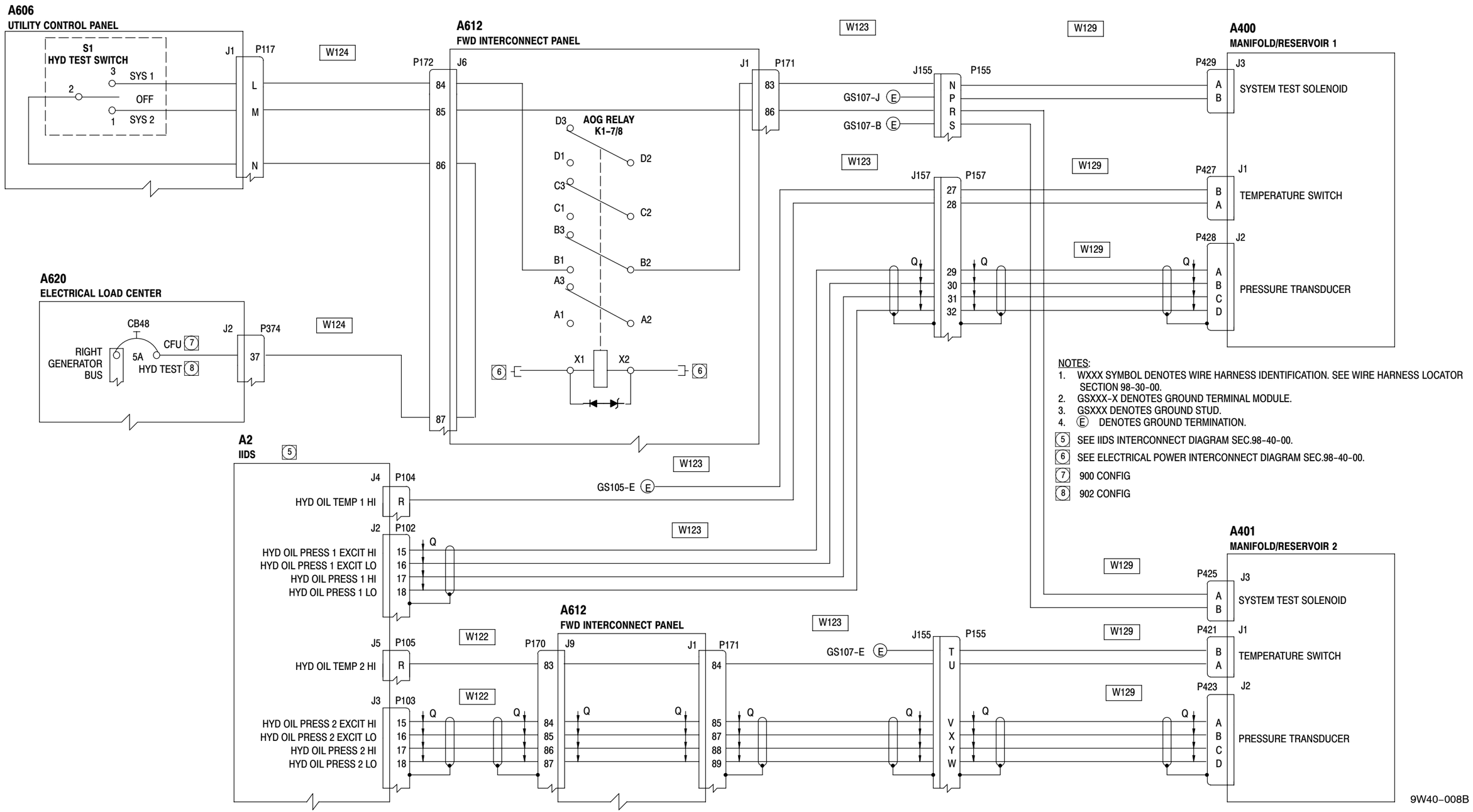

Figure 8. Dual Hydraulics Interconnect Wire Diagram

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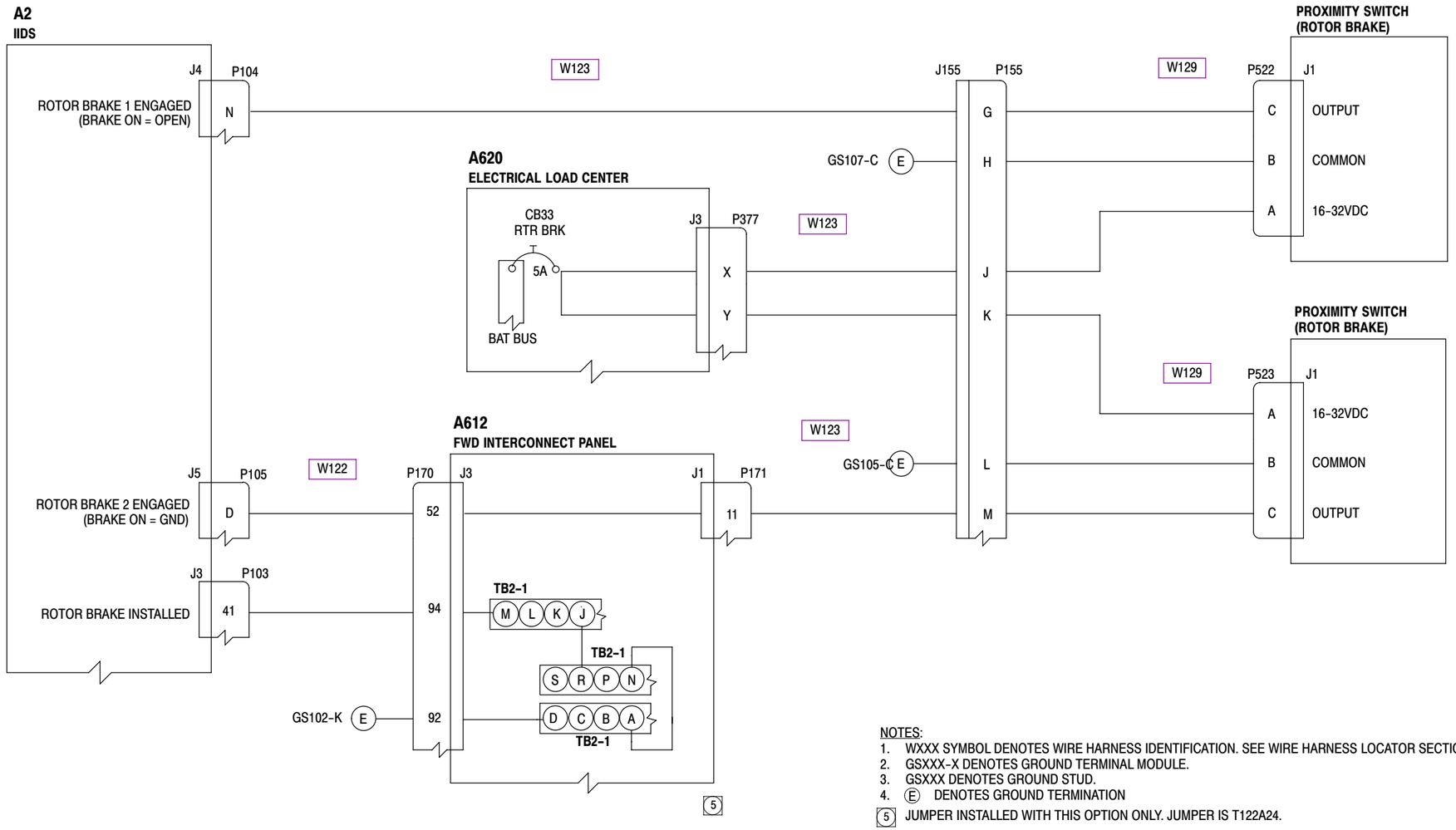

NOTES:
1. WXXX SYMBOL DENOTES WIRE HARNESS IDENTIFICATION. SEE WIRE HARNESS LOCATOR SECTION 98-30-00.
2. GSXXX-X DENOTES GROUND TERMINAL MODULE.
3. GSXXX DENOTES GROUND STUD.
4. (E) DENOTES GROUND TERMINATION

(5) JUMPER INSTALLED WITH THIS OPTION ONLY. JUMPER IS T122A24.

9W40-009A

Figure 9. Rotor Brake Interconnect Wire Diagram (Sheet 1 of 2) (Effective aircraft 34 and prior)

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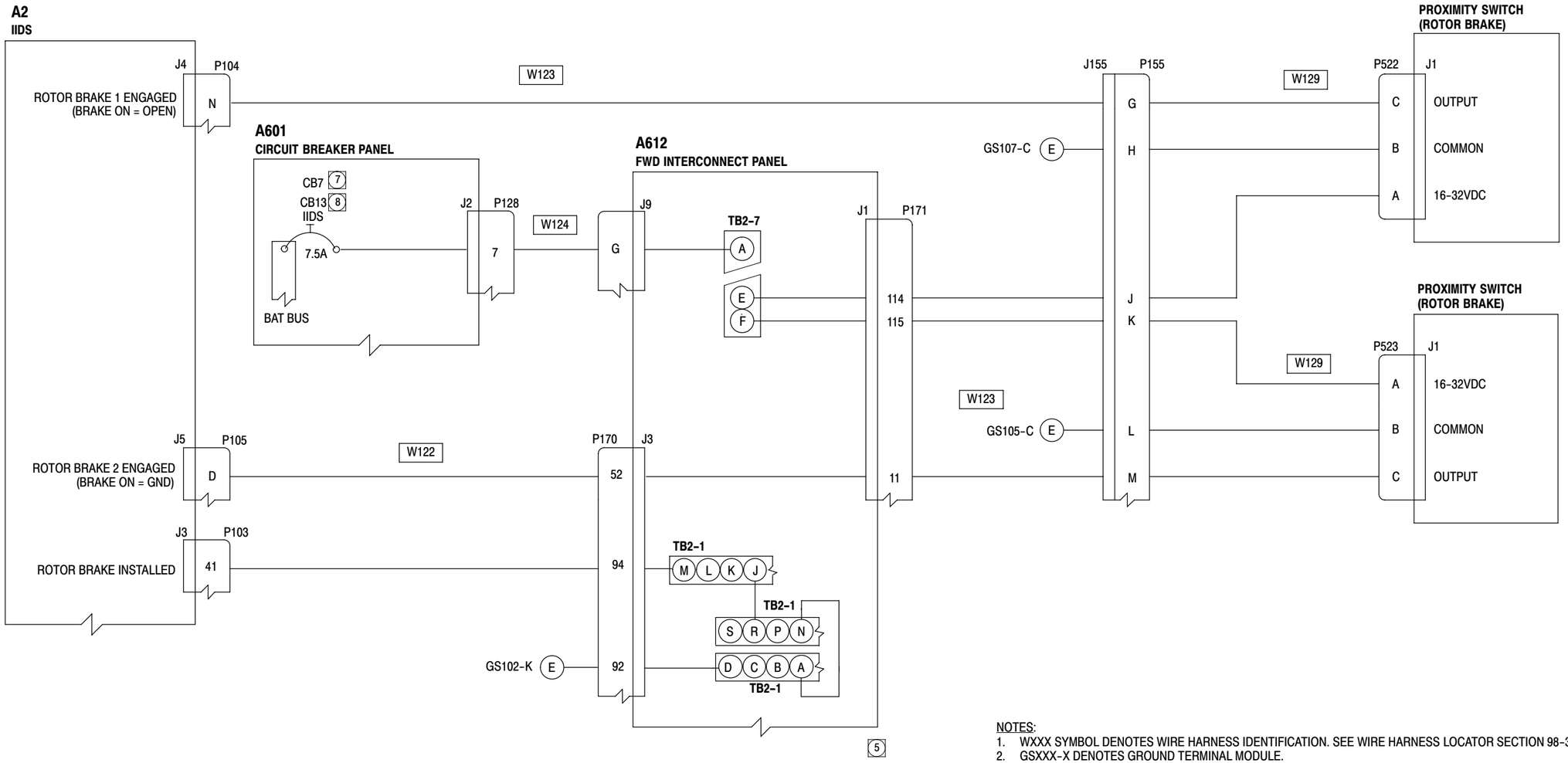

NOTES:
1. WXXX SYMBOL DENOTES WIRE HARNESS IDENTIFICATION. SEE WIRE HARNESS LOCATOR SECTION 98–30–00.
2. GSXXX–X DENOTES GROUND TERMINAL MODULE.
3. GSXXX DENOTES GROUND STUD.
4. (E) DENOTES GROUND TERMINATION

(5) JUMPER INSTALLED WITH THIS OPTION ONLY. JUMPER IS T122A24.

(7) 900 CONFIG

(8) 902 CONFIG

9W40–018A

Figure 9. Rotor Brake Interconnect Wire Diagram (Sheet 2 of 2) (Effective aircraft 35 and subs)

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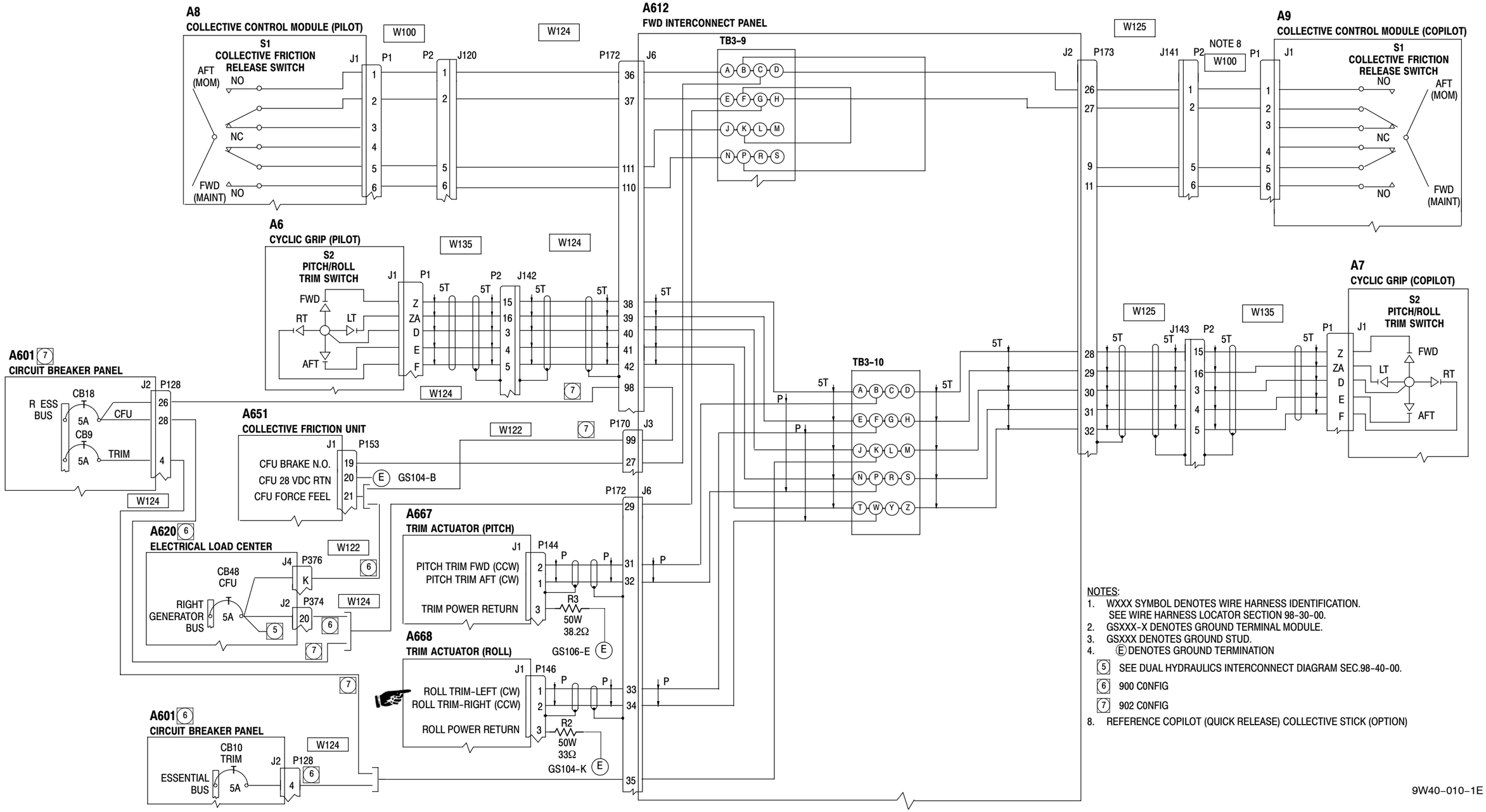

NOTES:
1. WXXX SYMBOL DENOTES WIRE HARNESS IDENTIFICATION. SEE WIRE HARNESS LOCATOR SECTION 98-30-00.
2. GSXXX-X DENOTES GROUND TERMINAL MODULE.
3. GSXXX DENOTES GROUND STUD.
4. (E) DENOTES GROUND TERMINATION
5. SEE DUAL HYDRAULICS INTERCONNECT DIAGRAM SEC.98-40-00.
6. 900 CONFIG
7. 902 CONFIG
8. REFERENCE COPILOT (QUICK RELEASE) COLLECTIVE STICK (OPTION)

9W40-010-1E

Figure 10. Flight Controls Interconnect Wire Diagram

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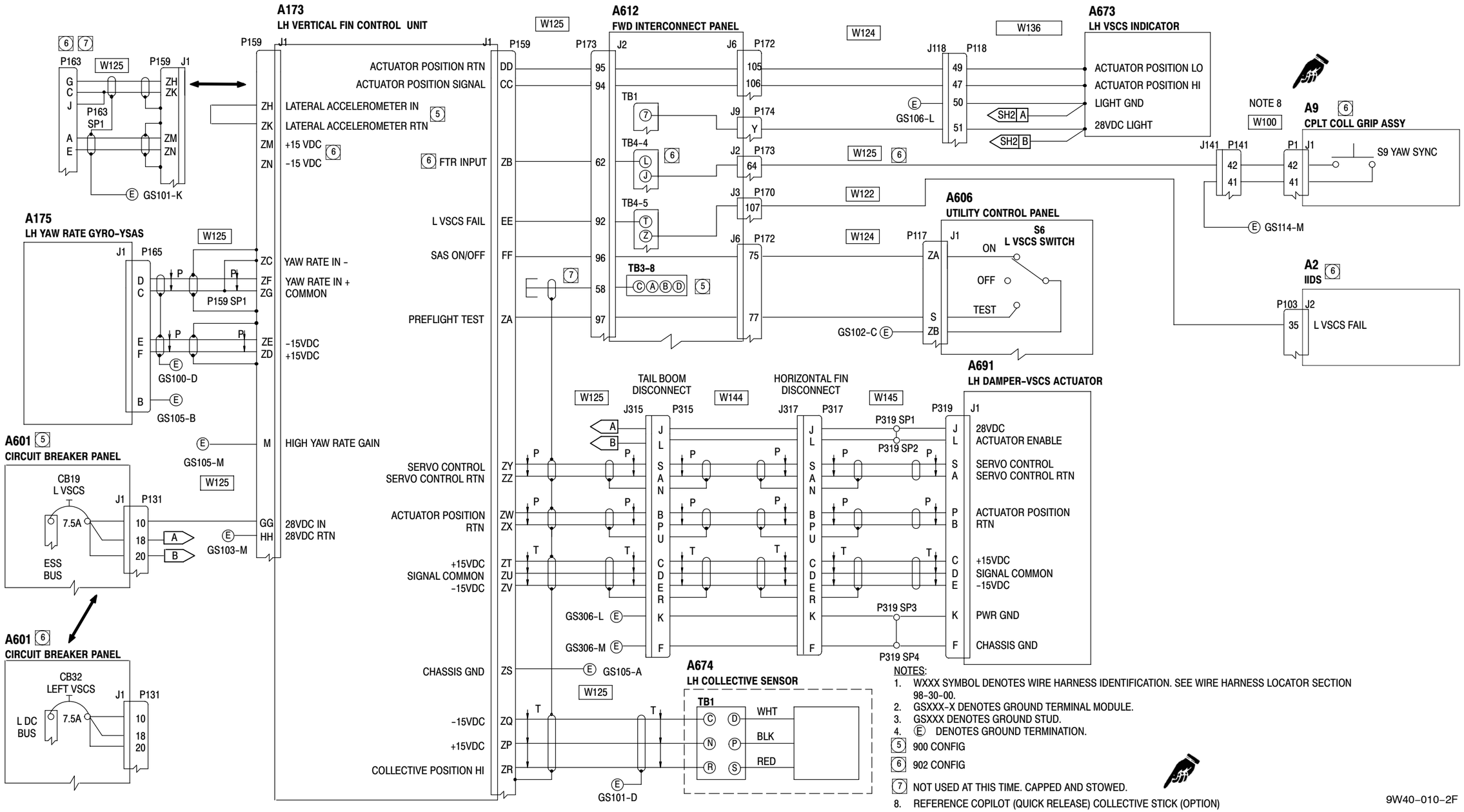

Figure 11. Vertical Stablizer Control System (VSCS) Interconnect Wire Diagram (Sheet 1 of 2)

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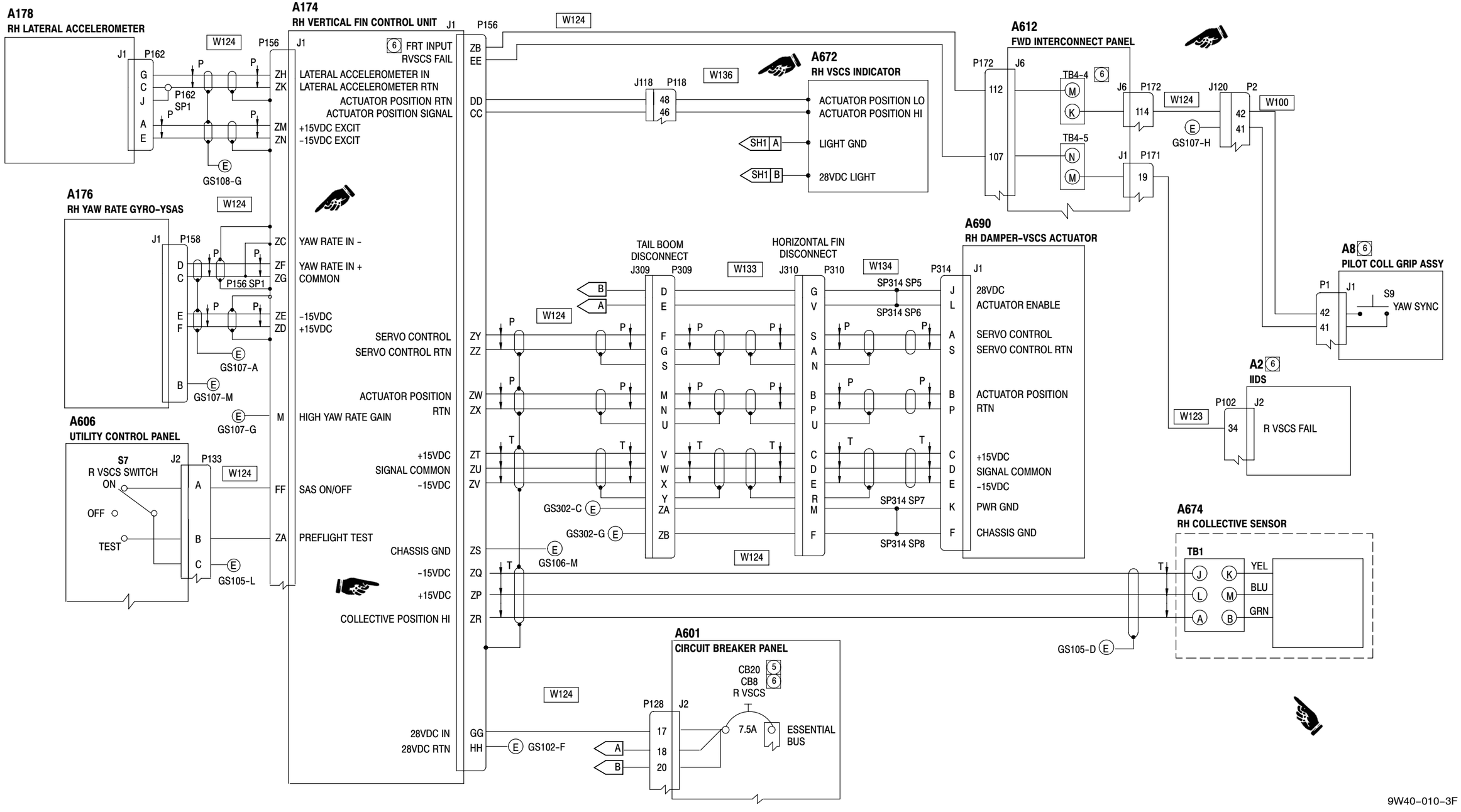

Figure 11. Vertical Stablizer Control System (VSCS) Interconnect Wzgire Diagram (Sheet 2 of 2)

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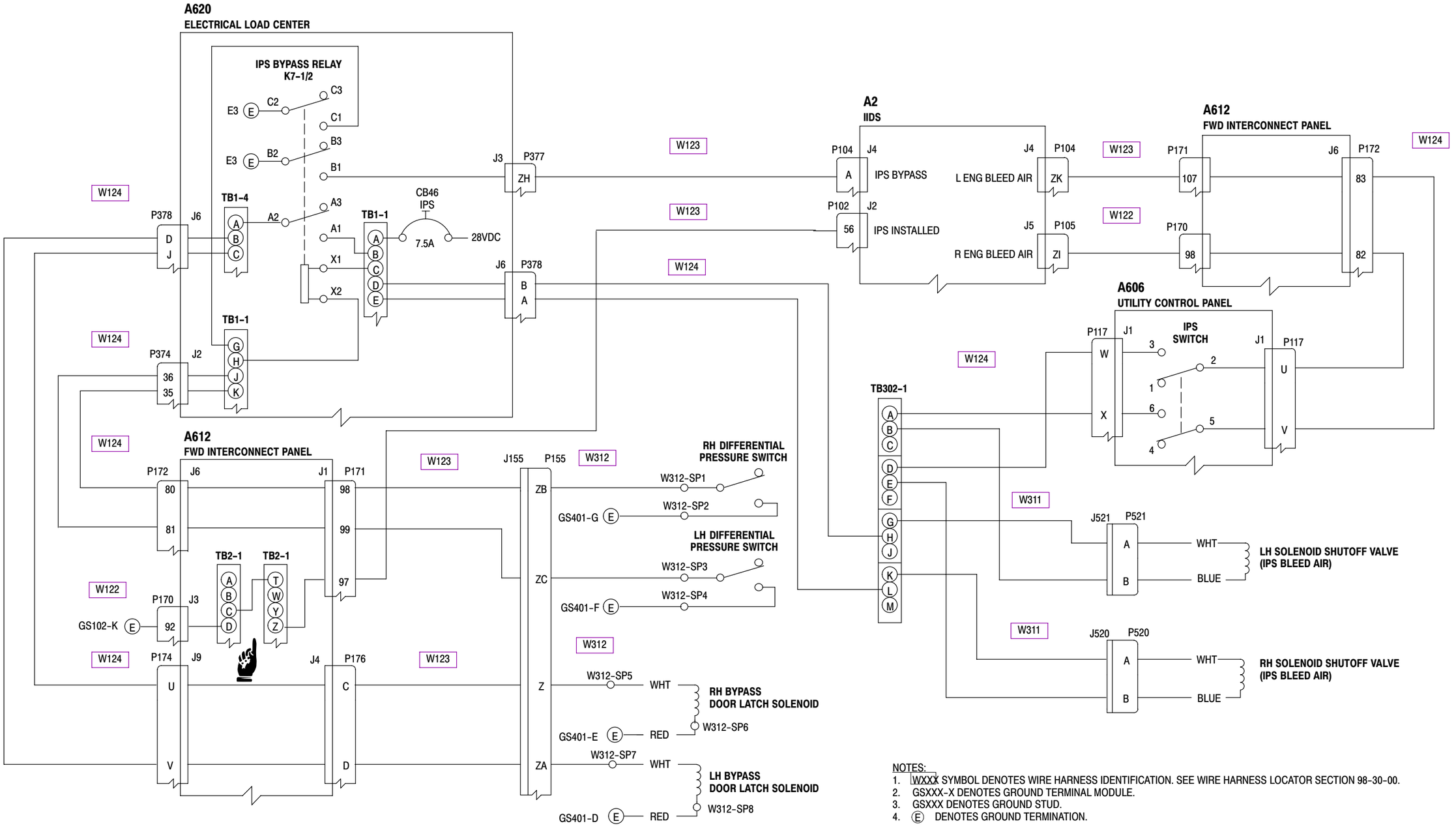

NOTES:
1. WXXX SYMBOL DENOTES WIRE HARNESS IDENTIFICATION. SEE WIRE HARNESS LOCATOR SECTION 98-30-00.
2. GSXXX-X DENOTES GROUND TERMINAL MODULE.
3. GSXXX DENOTES GROUND STUD.
4. (E) DENOTES GROUND TERMINATION.

9W40–011C

Figure 12. Inlet Particle Separator Interconnect Wire Diagram

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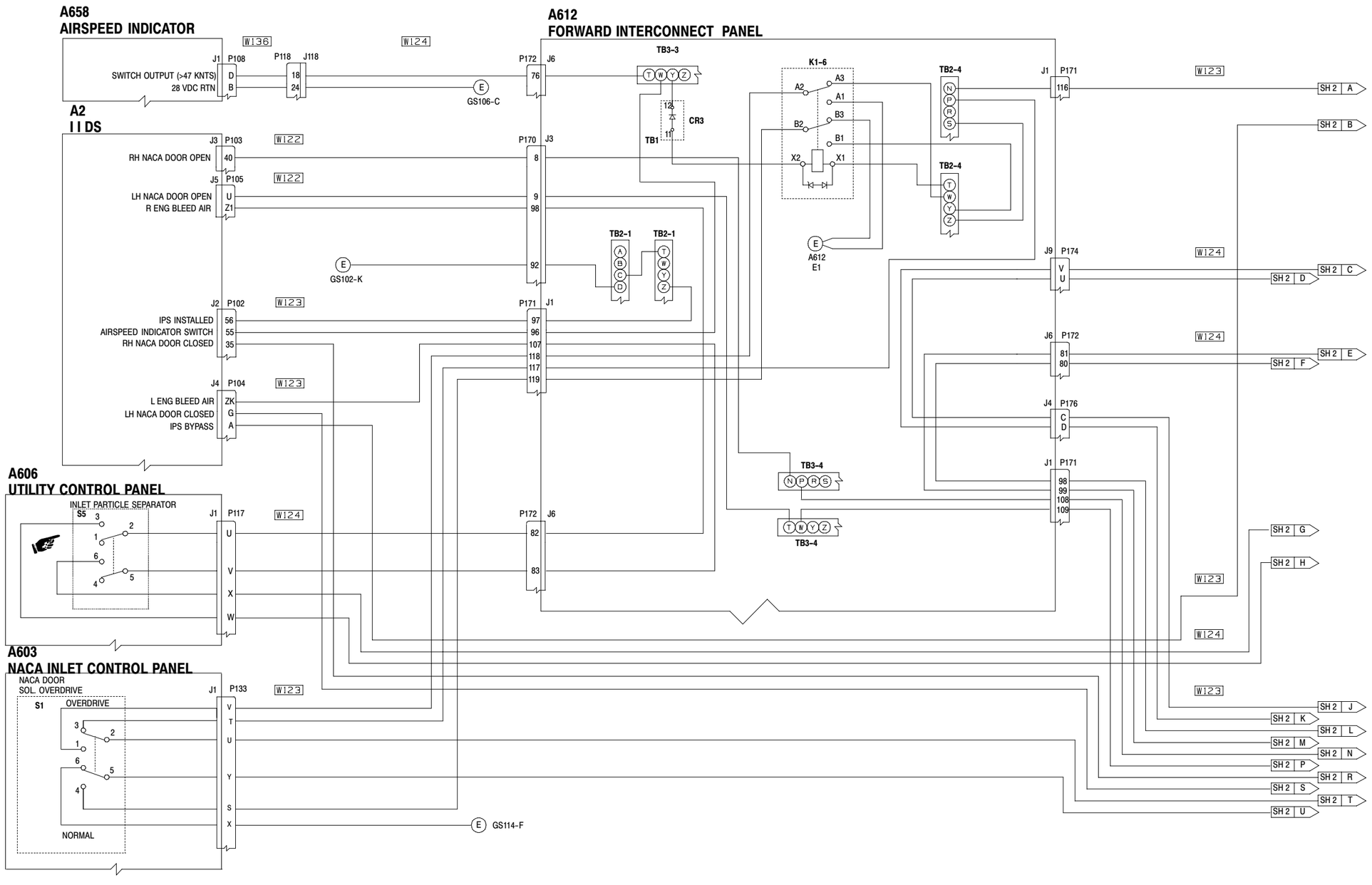

NOTES:

1. WXXX SYMBOL DENOTES WIRE HARNESS IDENTIFICATION. SEE WIRE HARNESS LOCATOR.
2. GS DENOTES GROUND TERMINAL MODULE
3. (E) DENOTES GROUND TERMINATION

–D
9W40–031–1A

Figure 13. Inlet Particle Separator Interconnect Wire Diagram (902 CONFIG) (Sheet 1 of 2)

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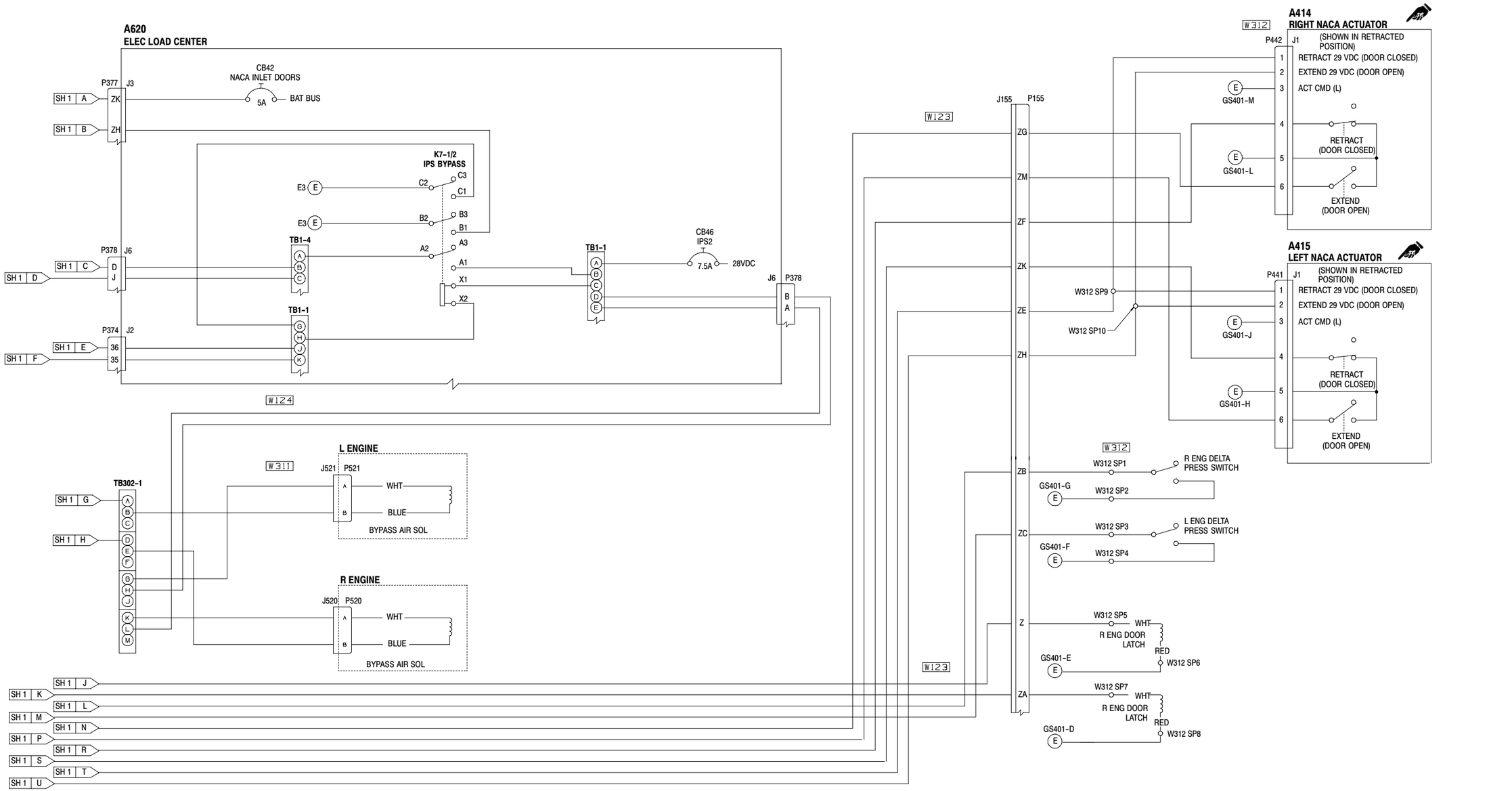

–D–
9W40–031–2A

Figure 13. Inlet Particle Separator Interconnect Wire Diagram (902 CONFIG) (Sheet 2 of 2)

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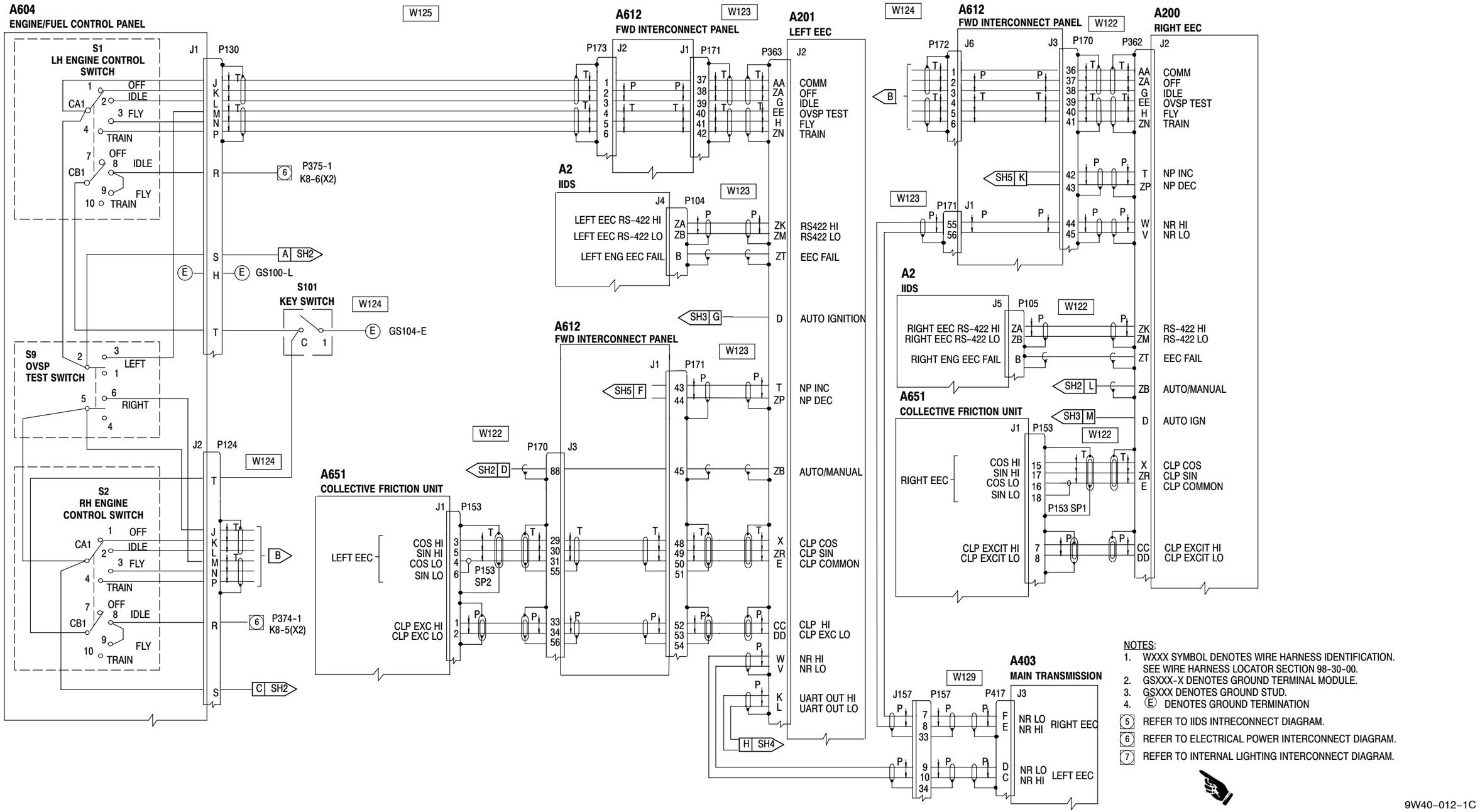

NOTES:
1. WXXX SYMBOL DENOTES WIRE HARNESS IDENTIFICATION. SEE WIRE HARNESS LOCATOR SECTION 98-30-00.
2. GSXXX-X DENOTES GROUND TERMINAL MODULE.
3. GSXXX DENOTES GROUND STUD.
4. (E) DENOTES GROUND TERMINATION

(5) REFER TO IIDS INTRECONNECT DIAGRAM.

(6) REFER TO ELECTRICAL POWER INTERCONNECT DIAGRAM.

(7) REFER TO INTERNAL LIGHTING INTERCONNECT DIAGRAM.

9W40-012-1C

Figure 14. Engine Controls Interconnect Wire Diagram (900 CONFIG) (Sheet 1 of 7)

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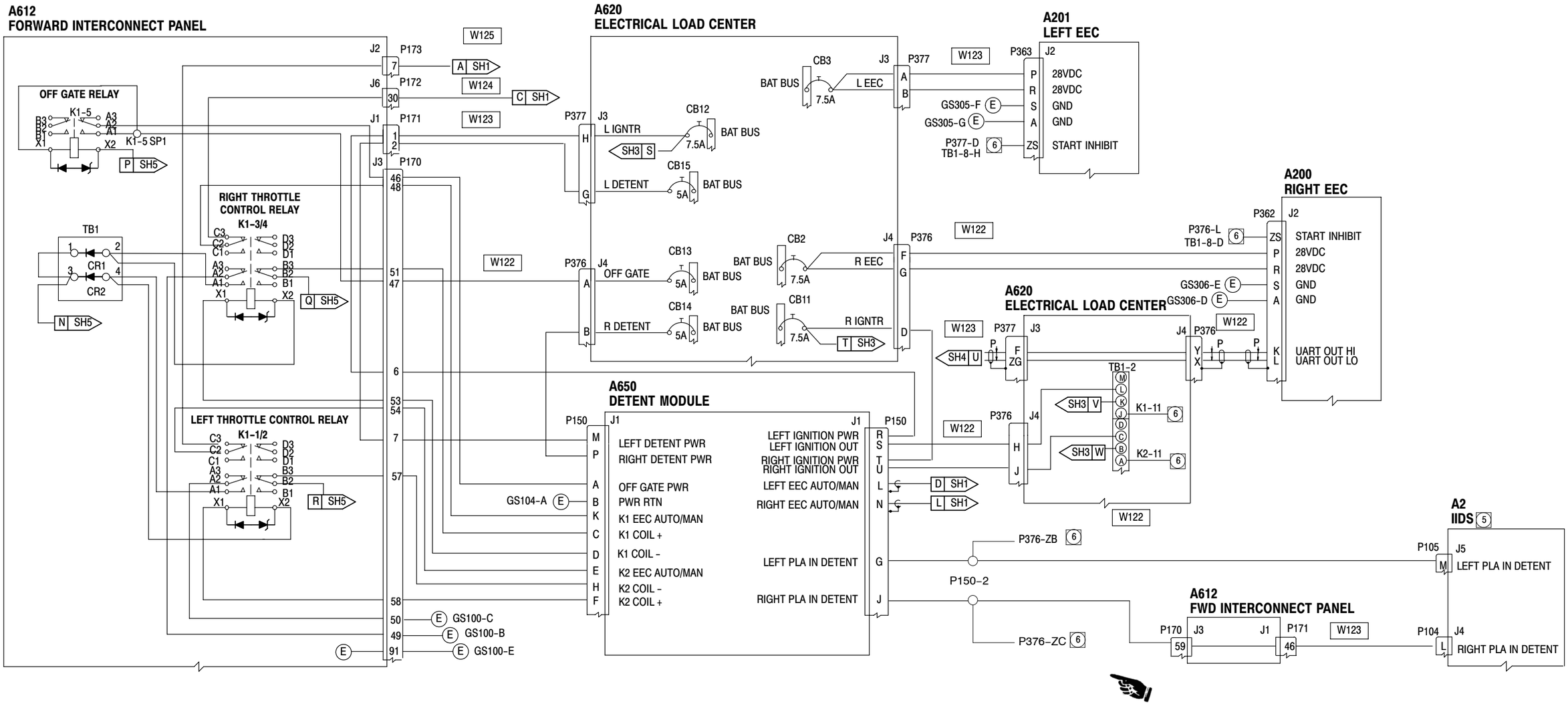

W40–012–2C

Figure 14. Engine Controls Interconnect Wire Diagram (900 CONFIG) (Sheet 2 of 7)

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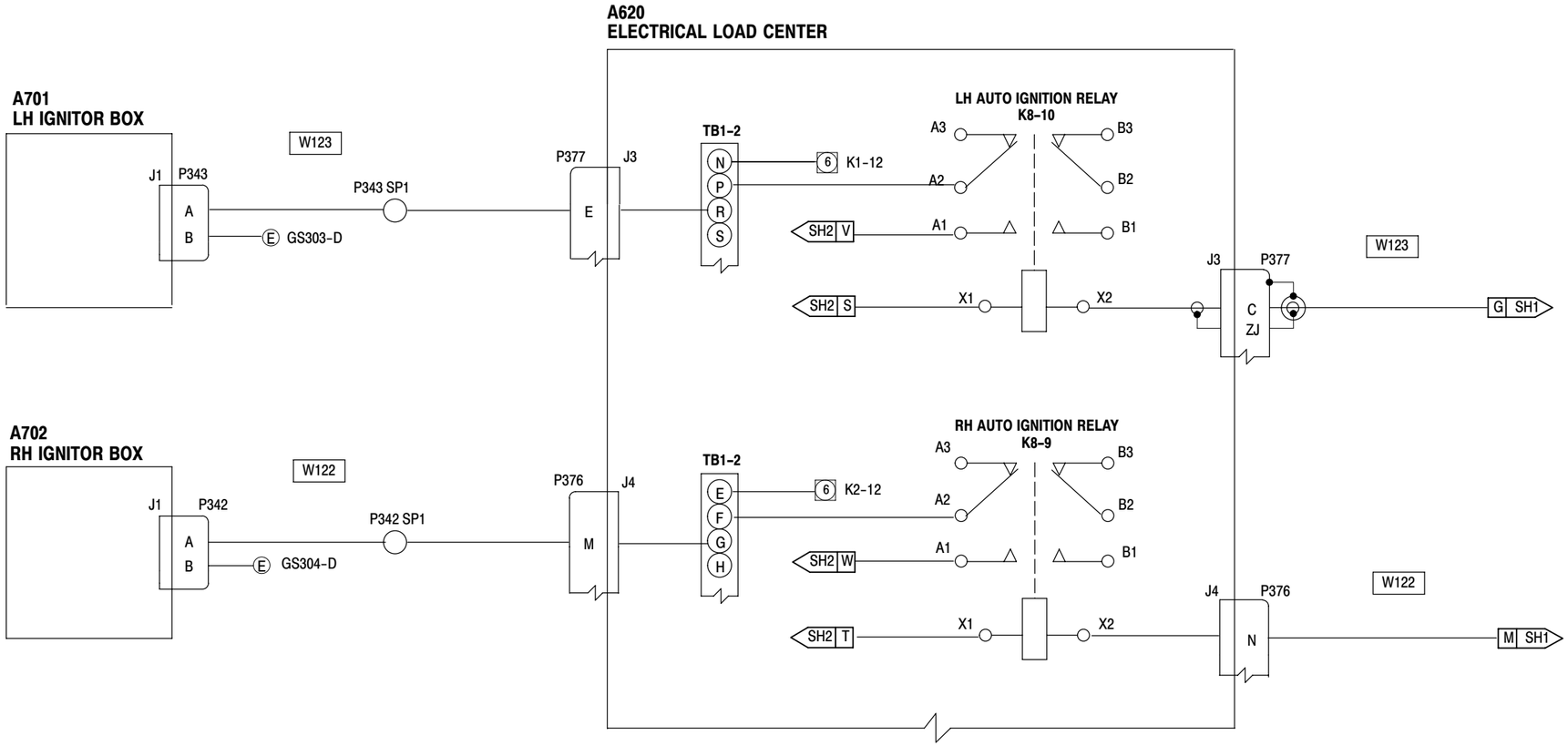

9W40–012–3A

Figure 14. Engine Controls Interconnect Wire Diagram (900 CONFIG) (Sheet 3 of 7)

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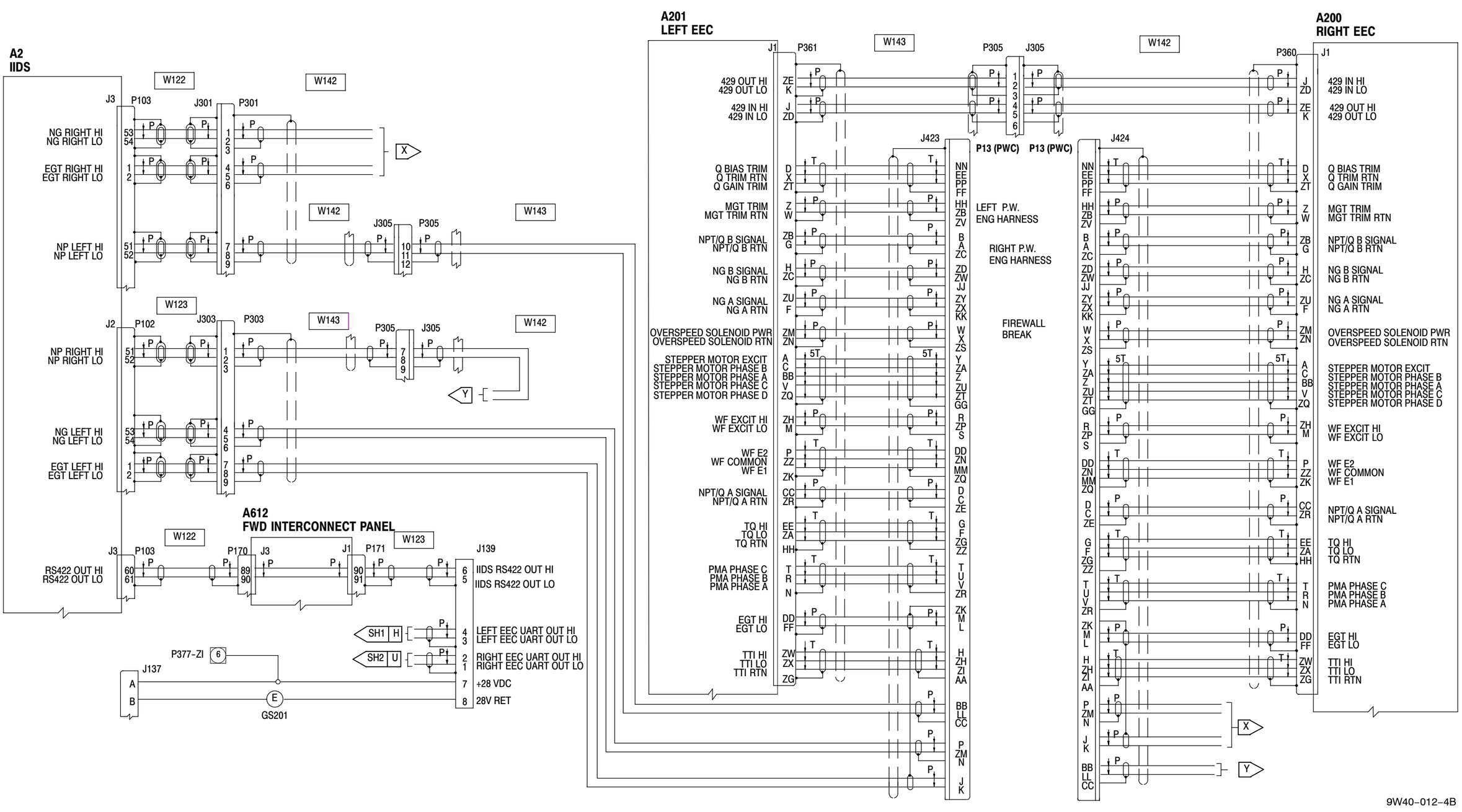

Figure 14. Engine Controls Interconnect Wire Diagram (900 CONFIG) (Sheet 4 of 7)

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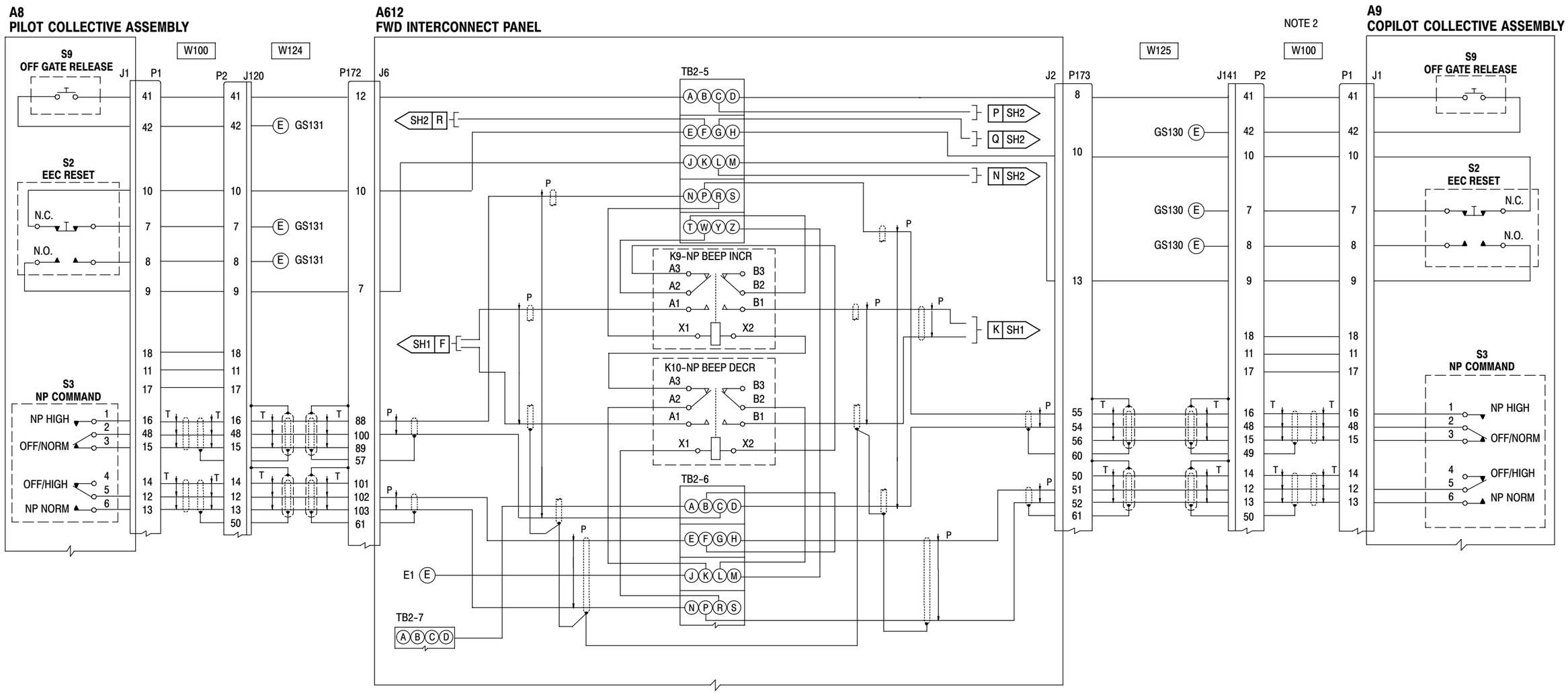

EARLY 900 CONFIG

NOTE: 1). REFER TO SHEET 6 FOR LATER CONFIG.
2). REFER TO COPILOT (QUICK RELEASE) COLLECTIVE STICK (OPTIONAL) IF NECESSARY.

9W40–012–5C

Figure 14. Engine Controls Interconnect Wire Diagram (900 CONFIG) (Sheet 5 of 7)

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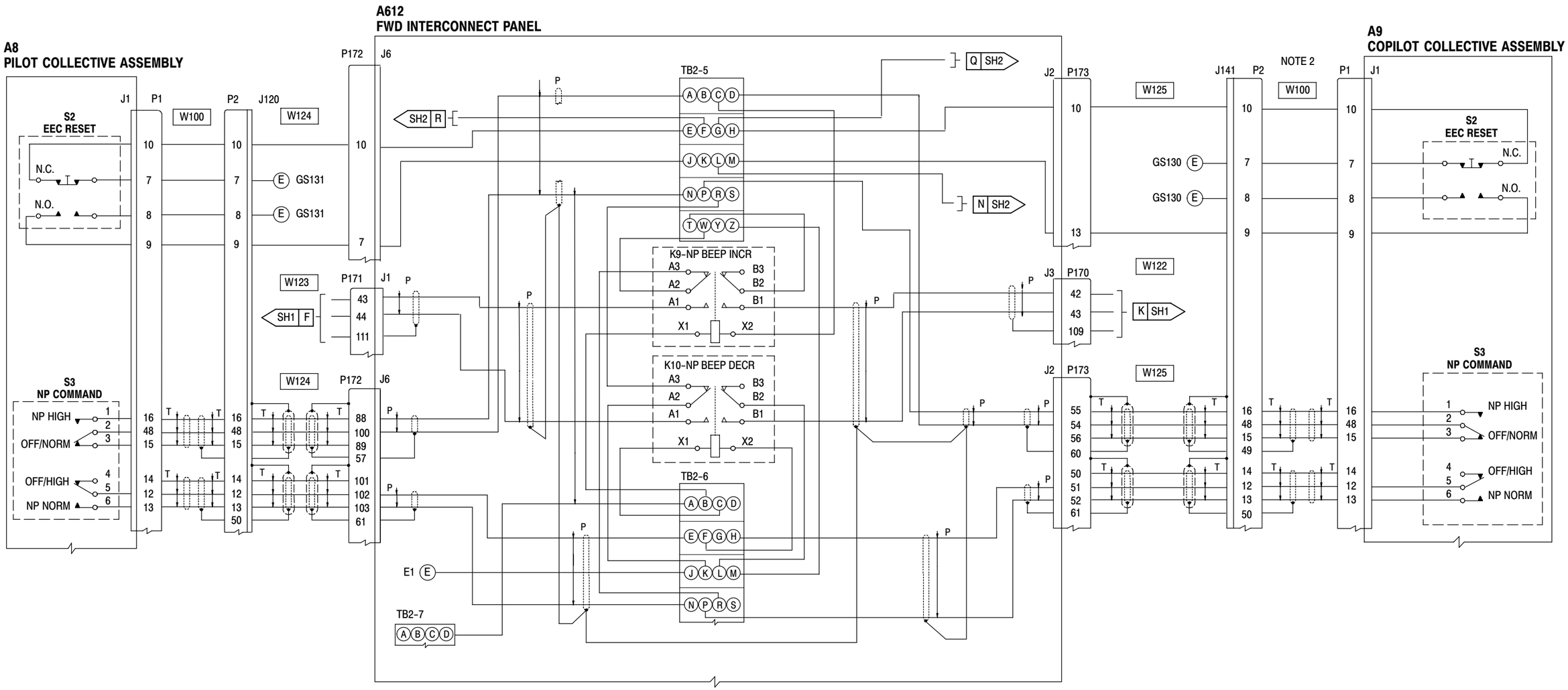

EARLY 900 CONFIG

NOTE: 1). SERVICE BULLETINS SB900-063 AND SB900-069R1 DONE.
2). REFER TO COPILOT (QUICK RELEASE) COLLECTIVE STICK (OPTIONAL) IF NECESSARY.

9W40-012-6B

Figure 14. Engine Controls Interconnect Wire Diagram (900 CONFIG) (Sheet 6 of 7)

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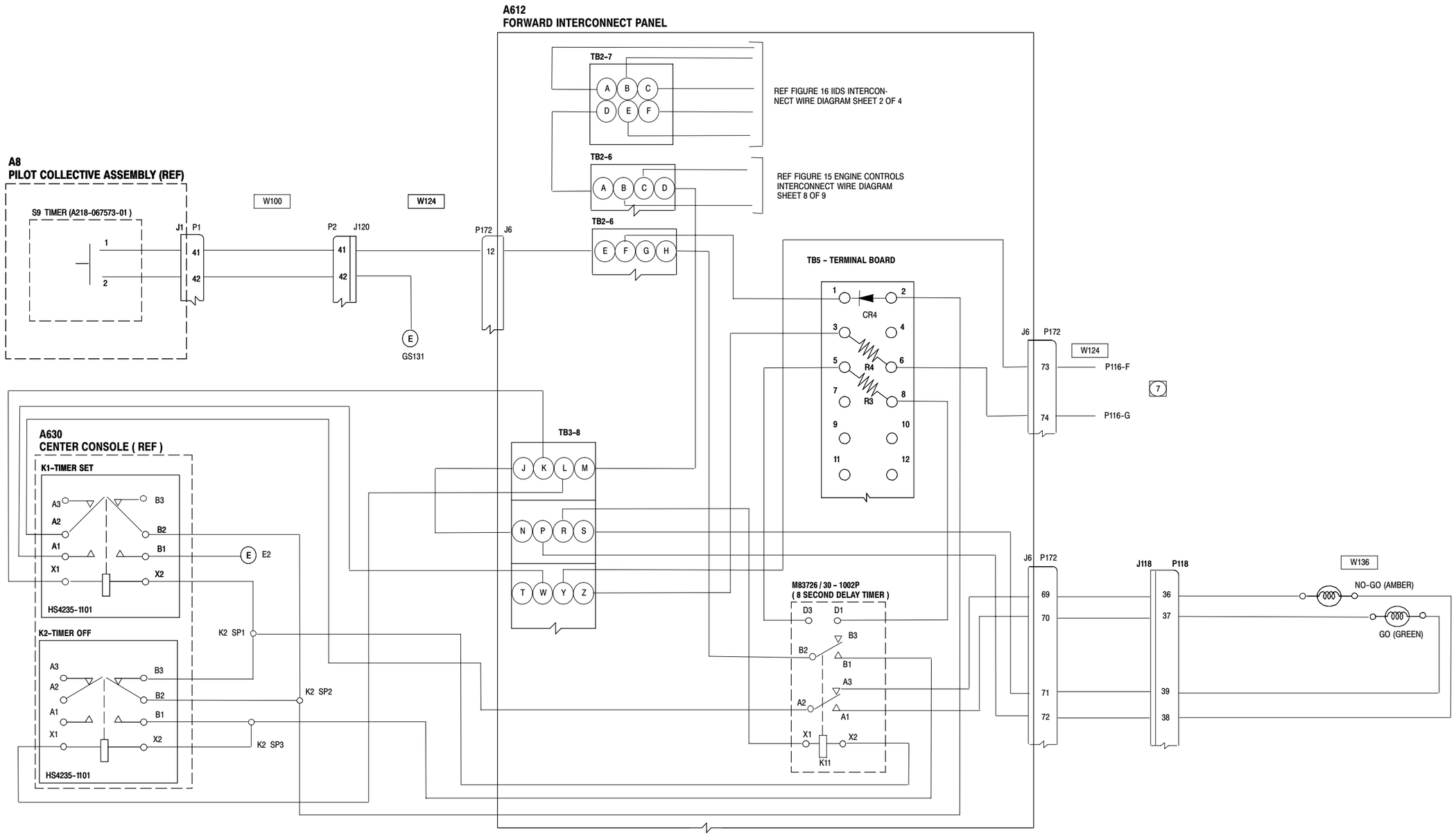

9W40–012–7

NOTE: AIRCRAFT WITH TAKE OFF TIMER MODIFICATION.

Figure 14 Engine Controls Interconnect Wire Diagram (900 CONFIG) (Sheet 7 of 7)

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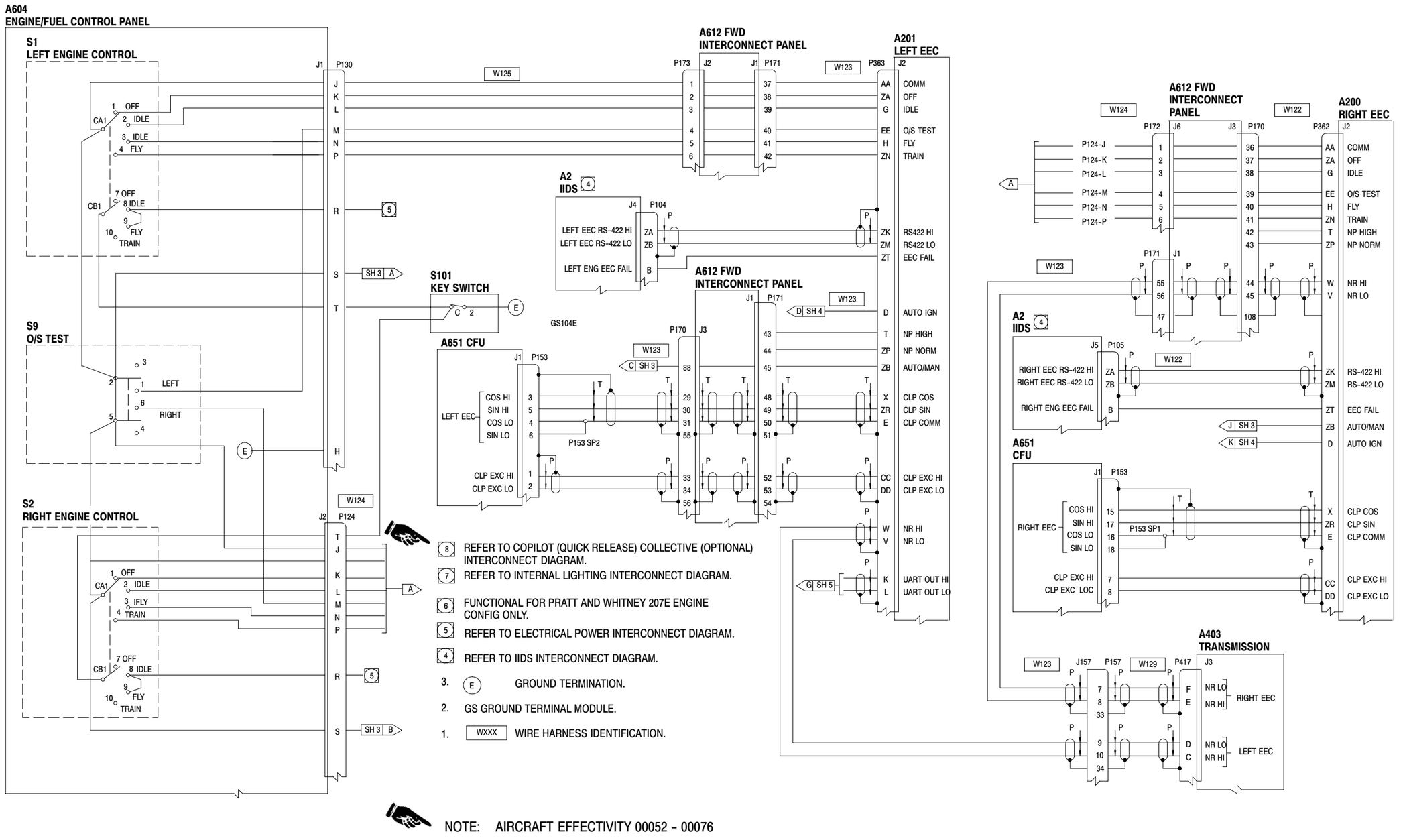

9W40-033-1D

Figure 15. Engine Controls Interconnect Wire Diagram (902 CONFIG) (Sheet 1 of 8)

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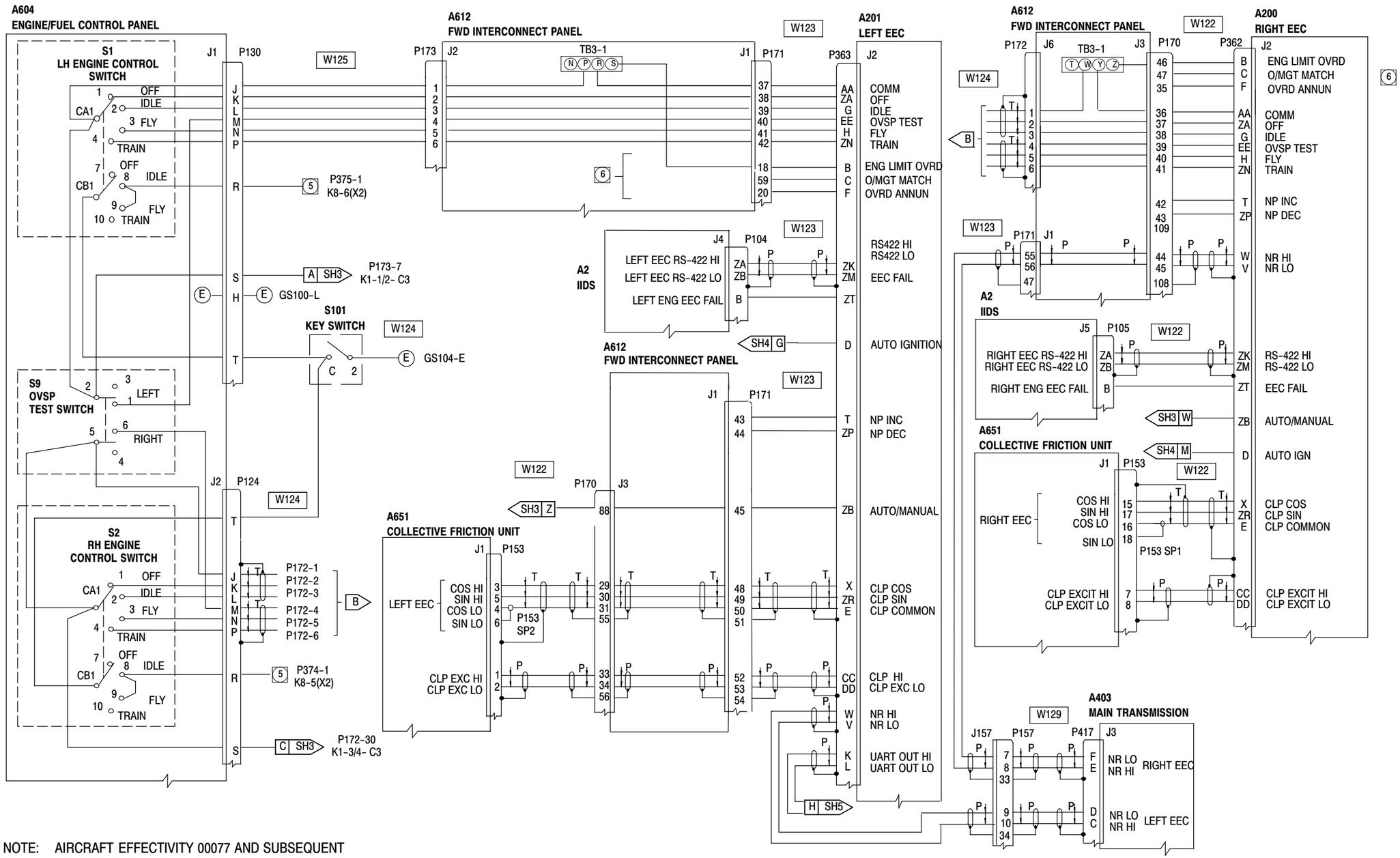

NOTE: AIRCRAFT EFFECTIVITY 00077 AND SUBSEQUENT

9W40–033–7

Figure 15 Engine Controls Interconnect Wire Diagram (902 CONFIG) (Sheet 2 of 8)

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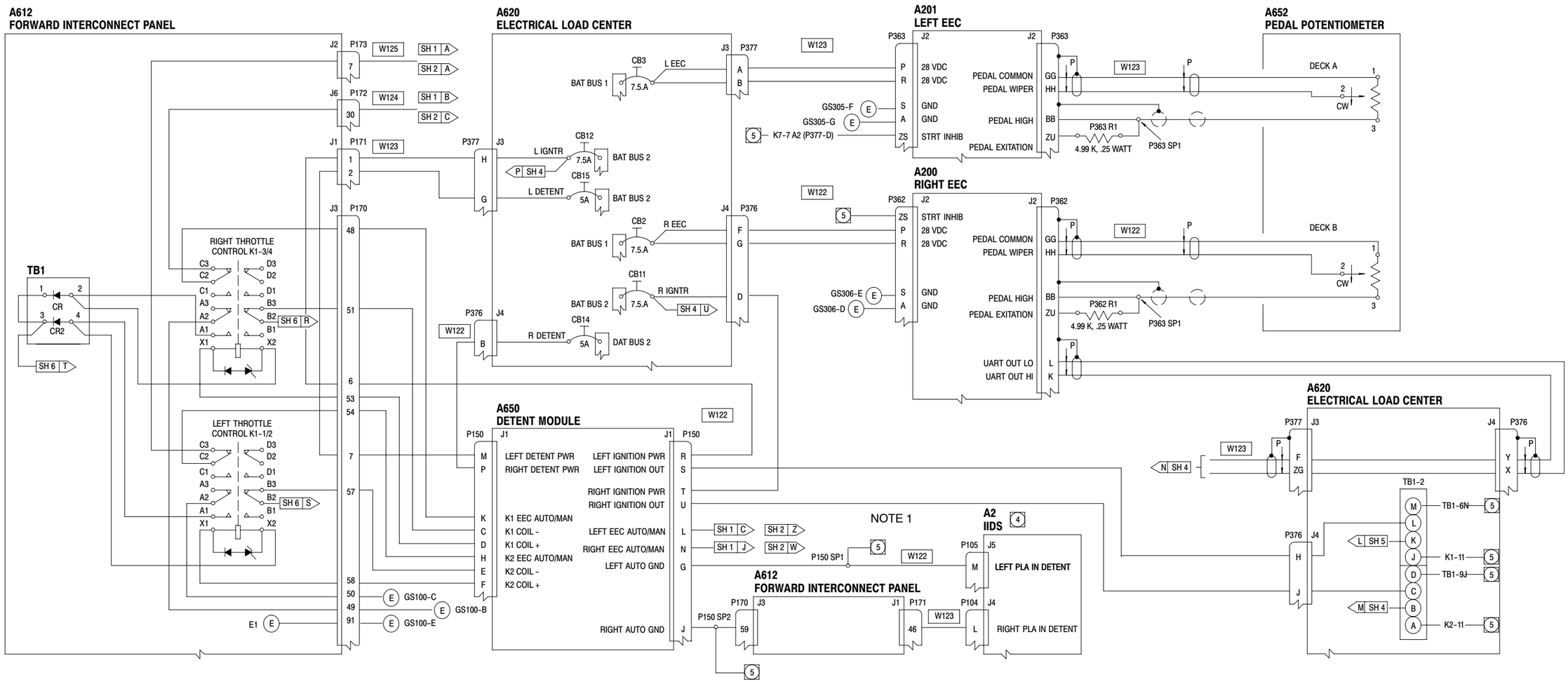

9W40–033–2D

Figure 15 Engine Controls Interconnect Wire Diagram (902 CONFIG) (Sheet 3 of 8)

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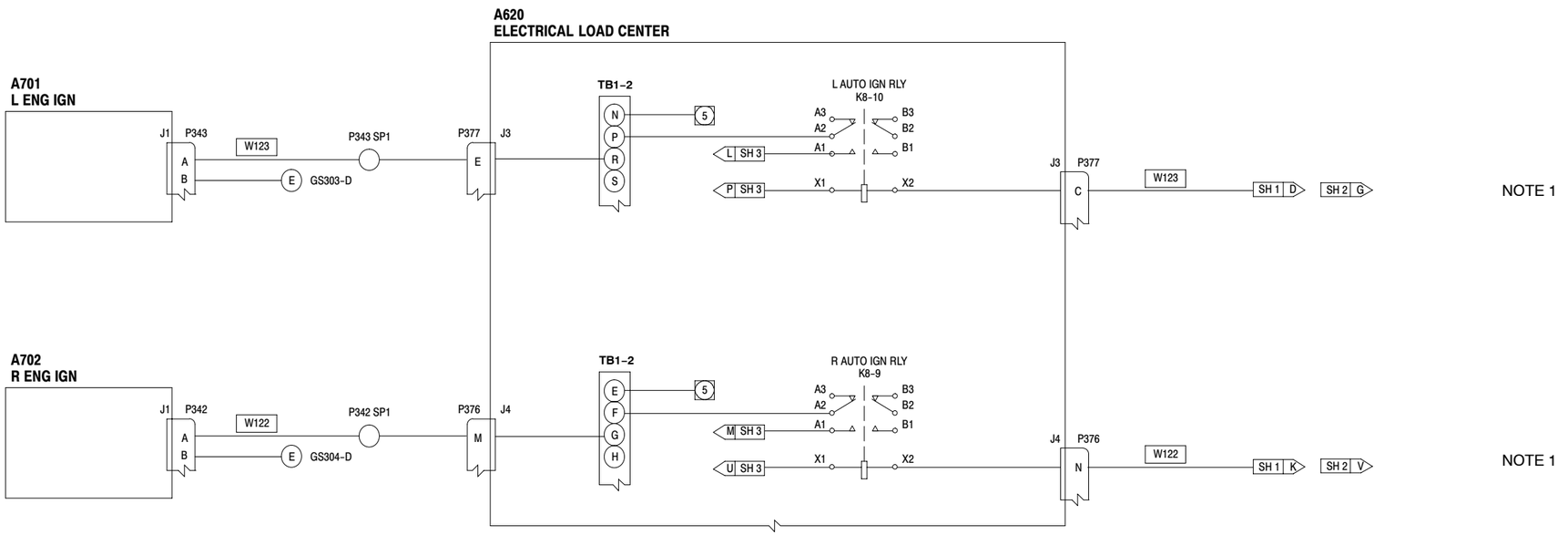

9W40–033–3C

Figure 15 Engine Controls Interconnect Wire Diagram (902 CONFIG) (Sheet 4 of 8)

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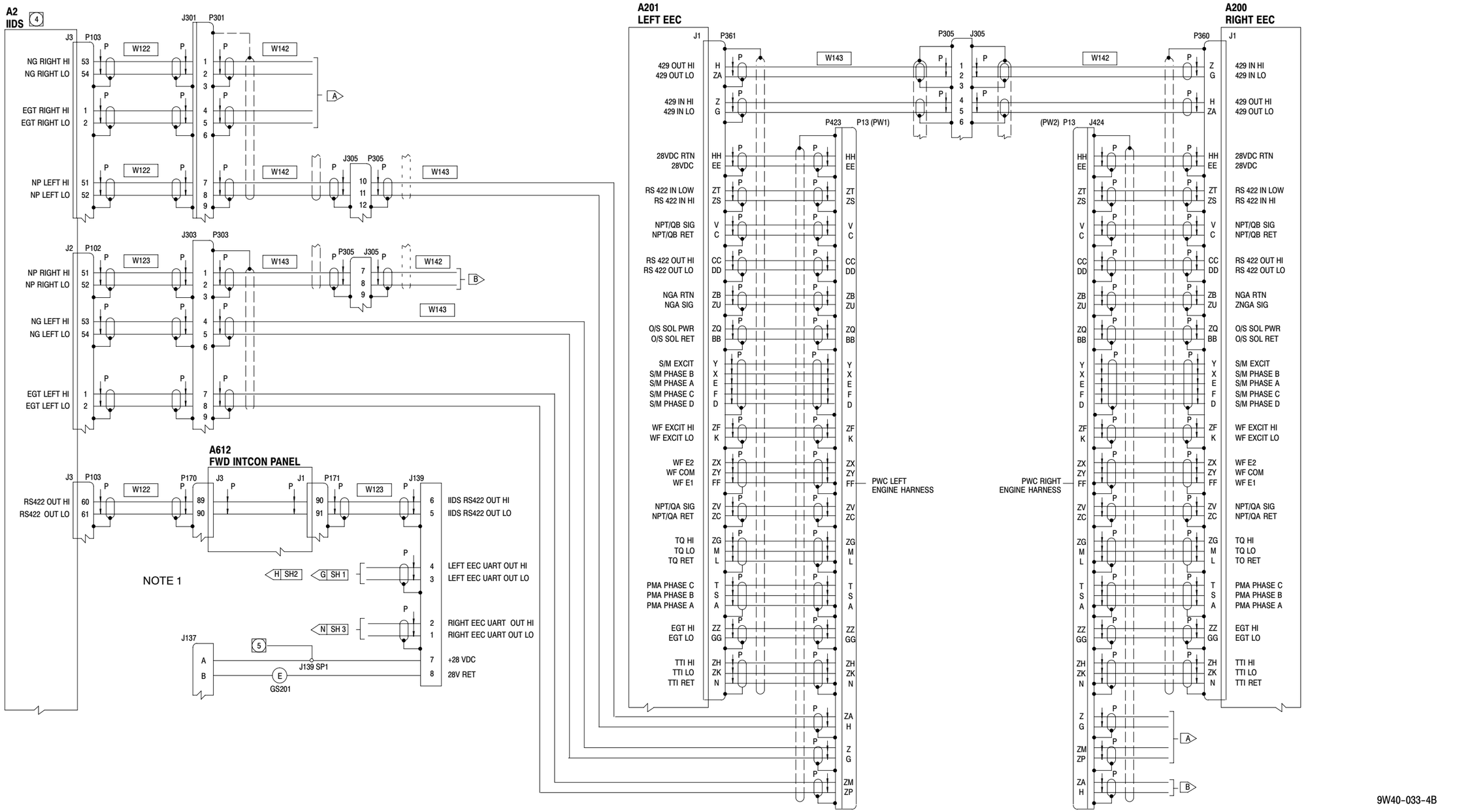

Figure 15 Engine Controls Interconnect Wire Diagram (902 CONFIG) (Sheet 5 of 8)

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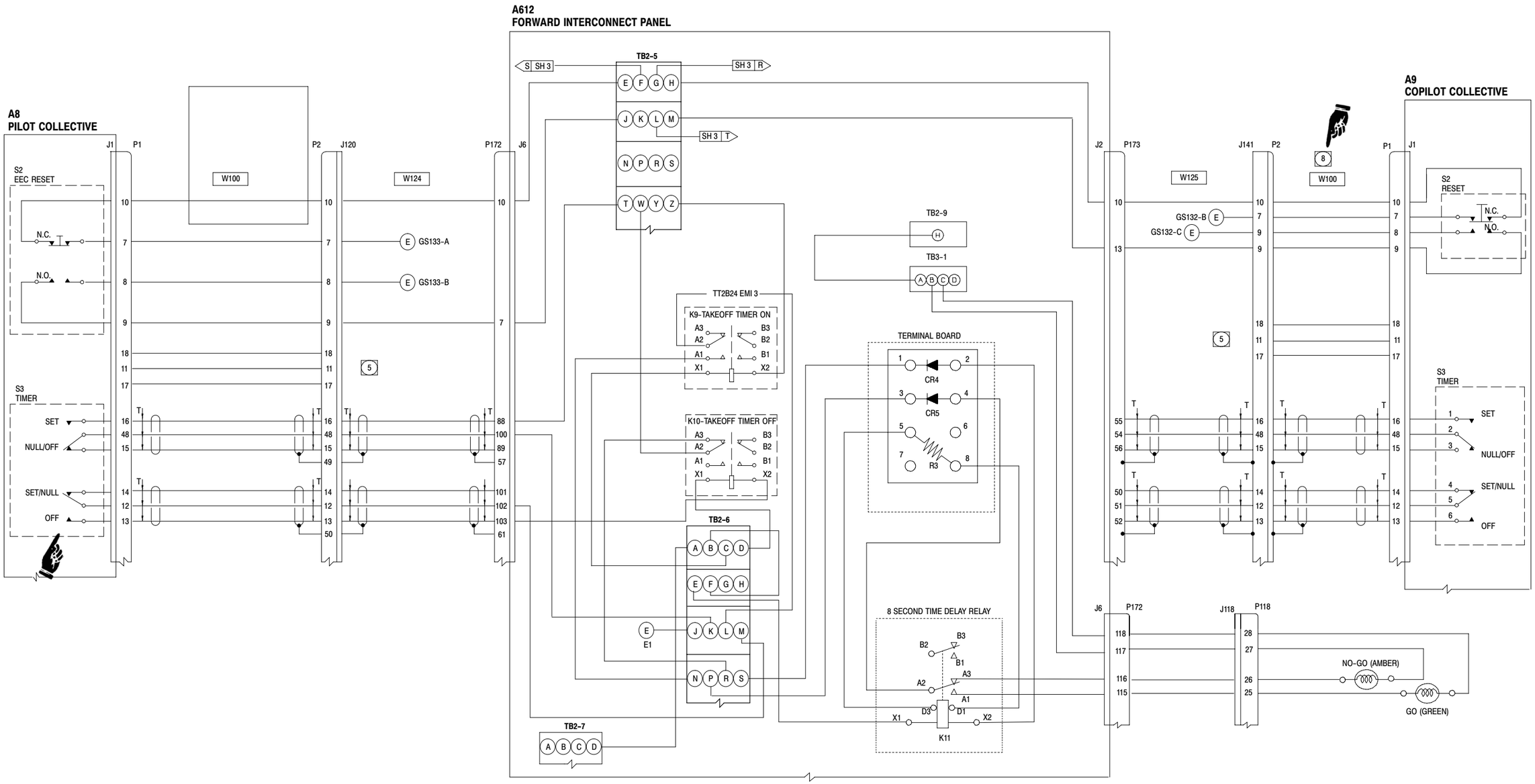

NOTE: AIRCRAFT EFFECTIVITY 00052 - 00065. SERVICE BULLETIN 900-070 NOT DONE.

9W40–033–5D

Figure 15 Engine Controls Interconnect Wire Diagram (902 CONFIG) (Sheet 6 of 8)

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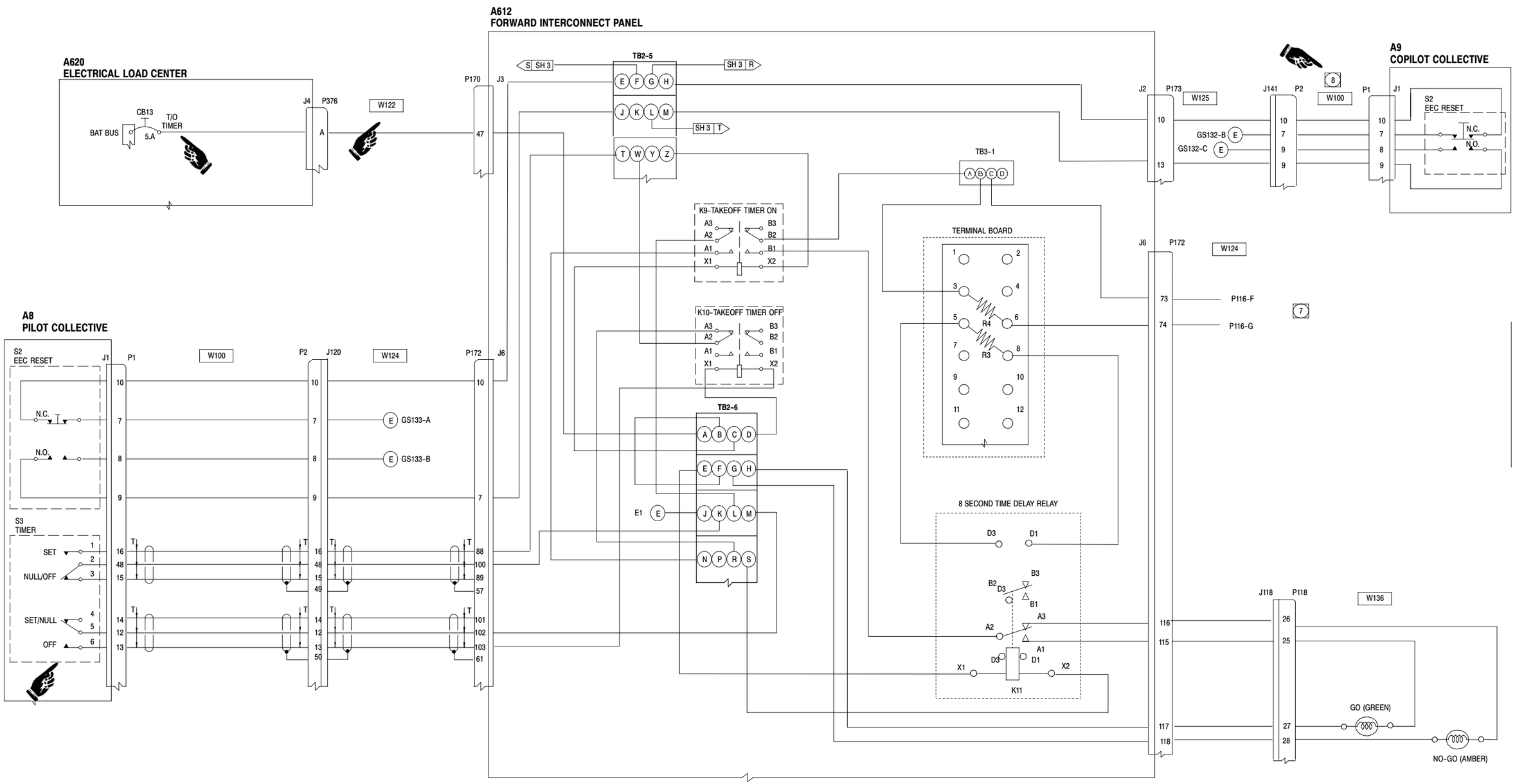

NOTE: AIRCRAFT EFFECTIVITY 00052 - 00065. SERVICE BULLETIN 900-070 DONE.

9W40–033–6B

Figure 15 Engine Controls Interconnect Wire Diagram (902 CONFIG) (Sheet 7 of 8)

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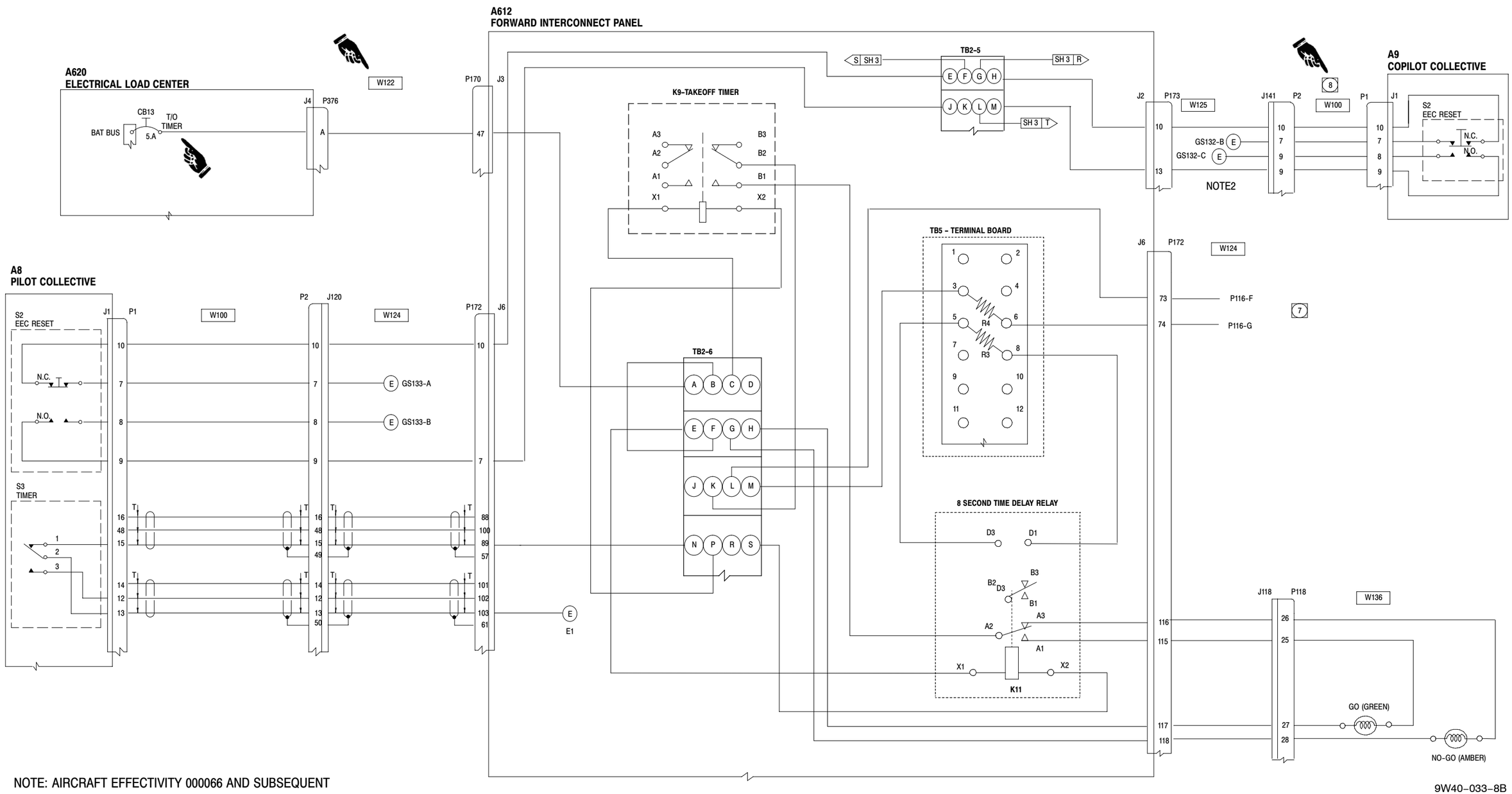

NOTE: AIRCRAFT EFFECTIVITY 000066 AND SUBSEQUENT

9W40–033–8B

Figure 15 Engine Controls Interconnect Wire Diagram (902 CONFIG) (Sheet 8 of 8)

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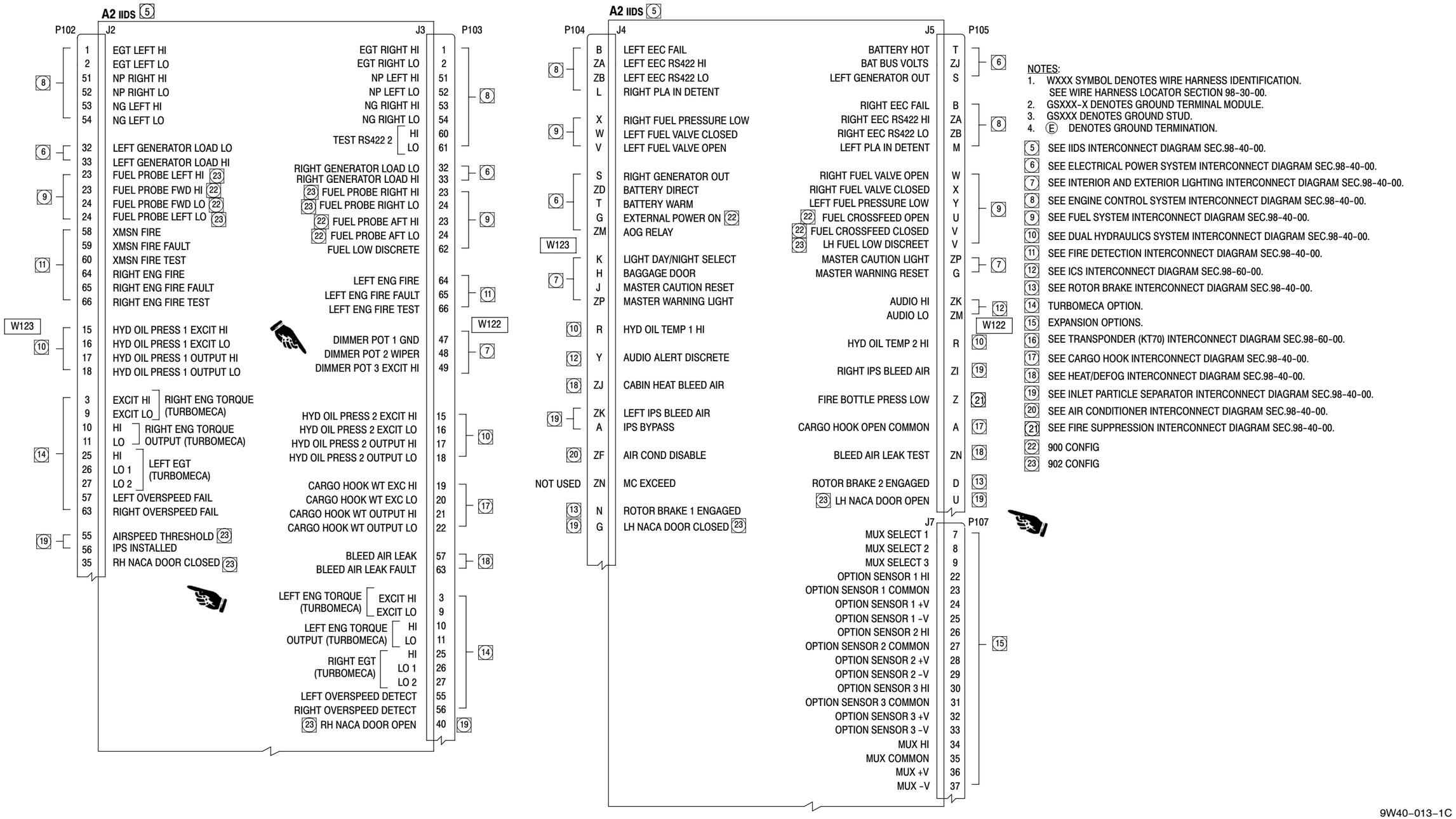

Figure 16. Integrated Instrument Display System (IIDS) Interconnect Wire Diagram (Sheet 1 of 4)

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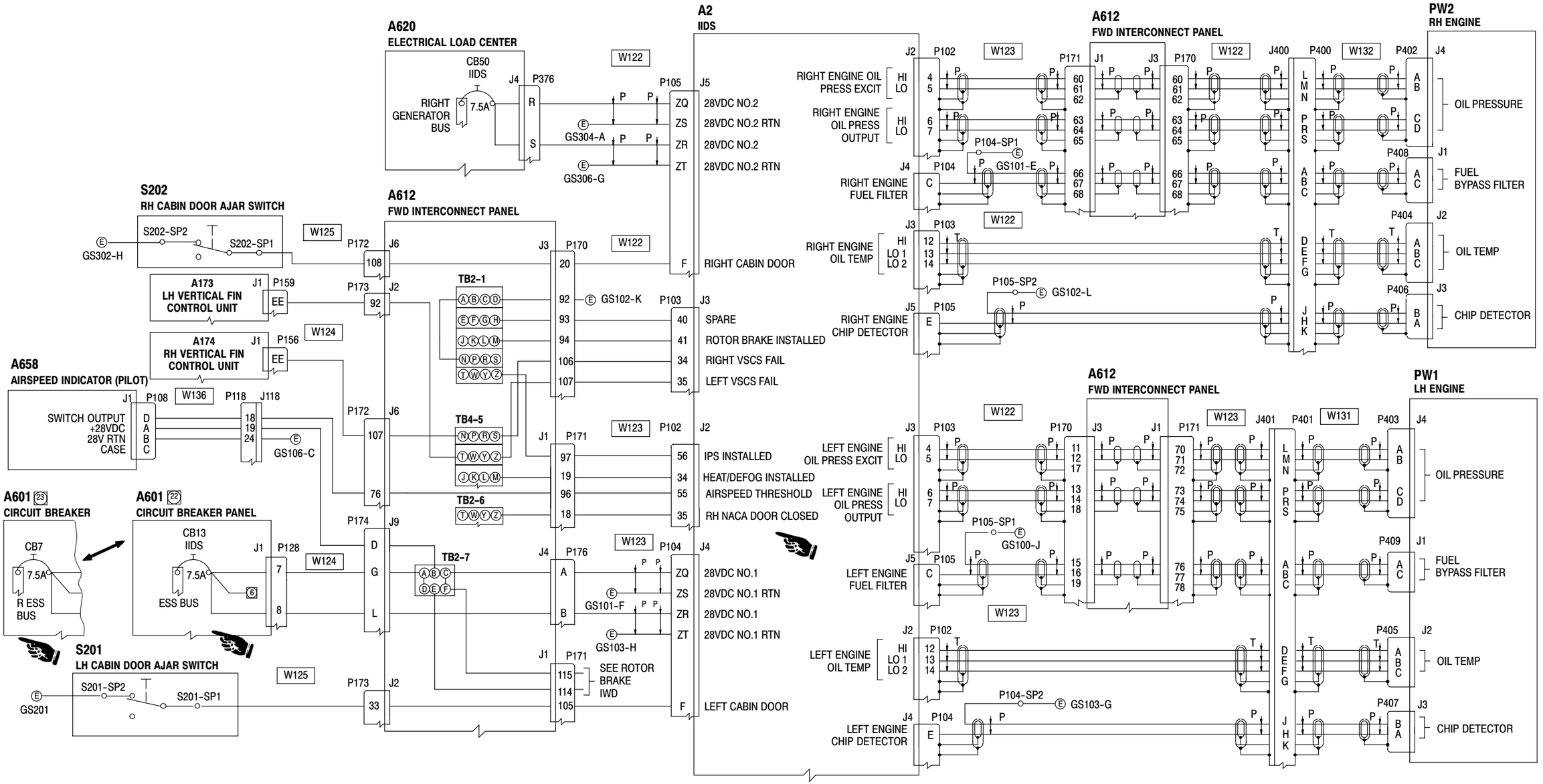

9W40–013–2F

Figure 16. Integrated Instrument Display System (IIDS) Interconnect Wire Diagram (Sheet 2 of 4)

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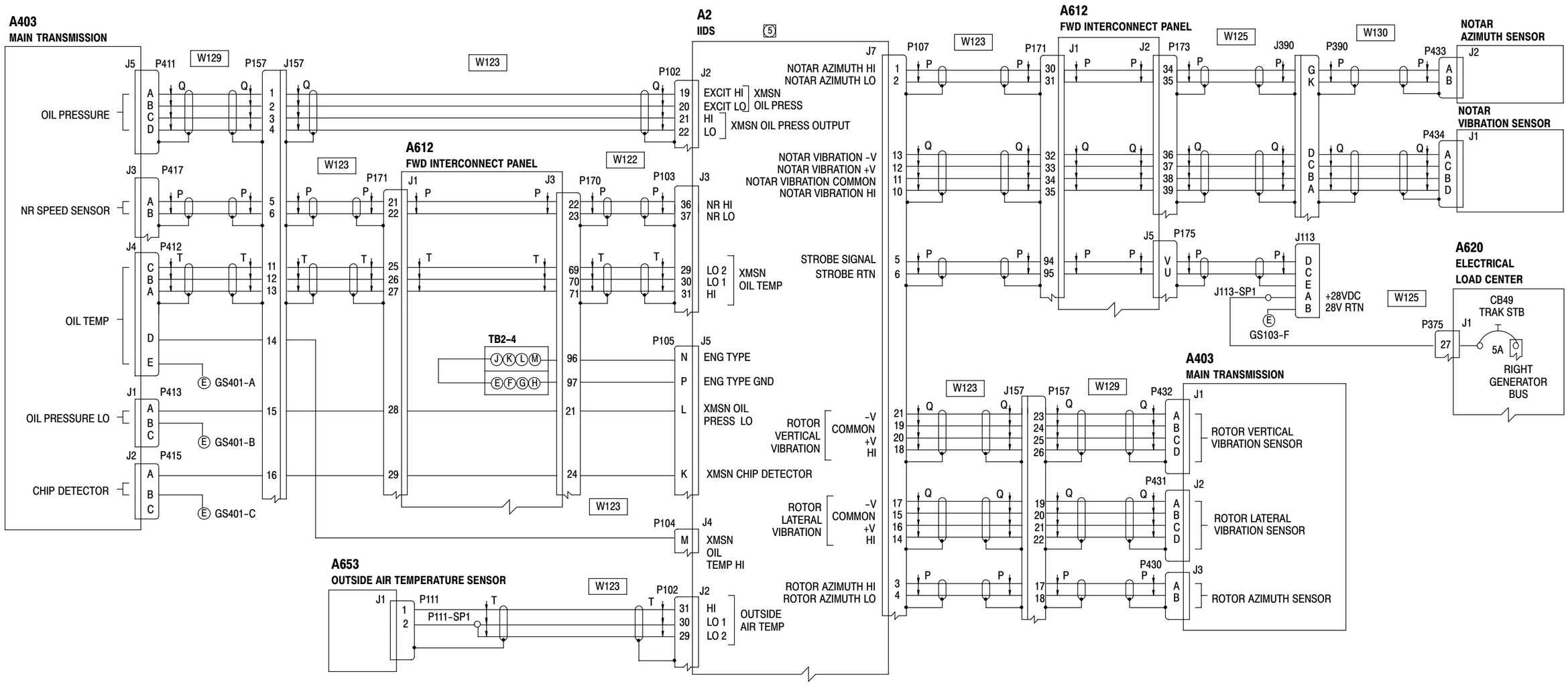

9W40–013–3B

Figure 16. Integrated Instrument Display System (IIDS) Interconnect Wire Diagram (Sheet 3 of 4)

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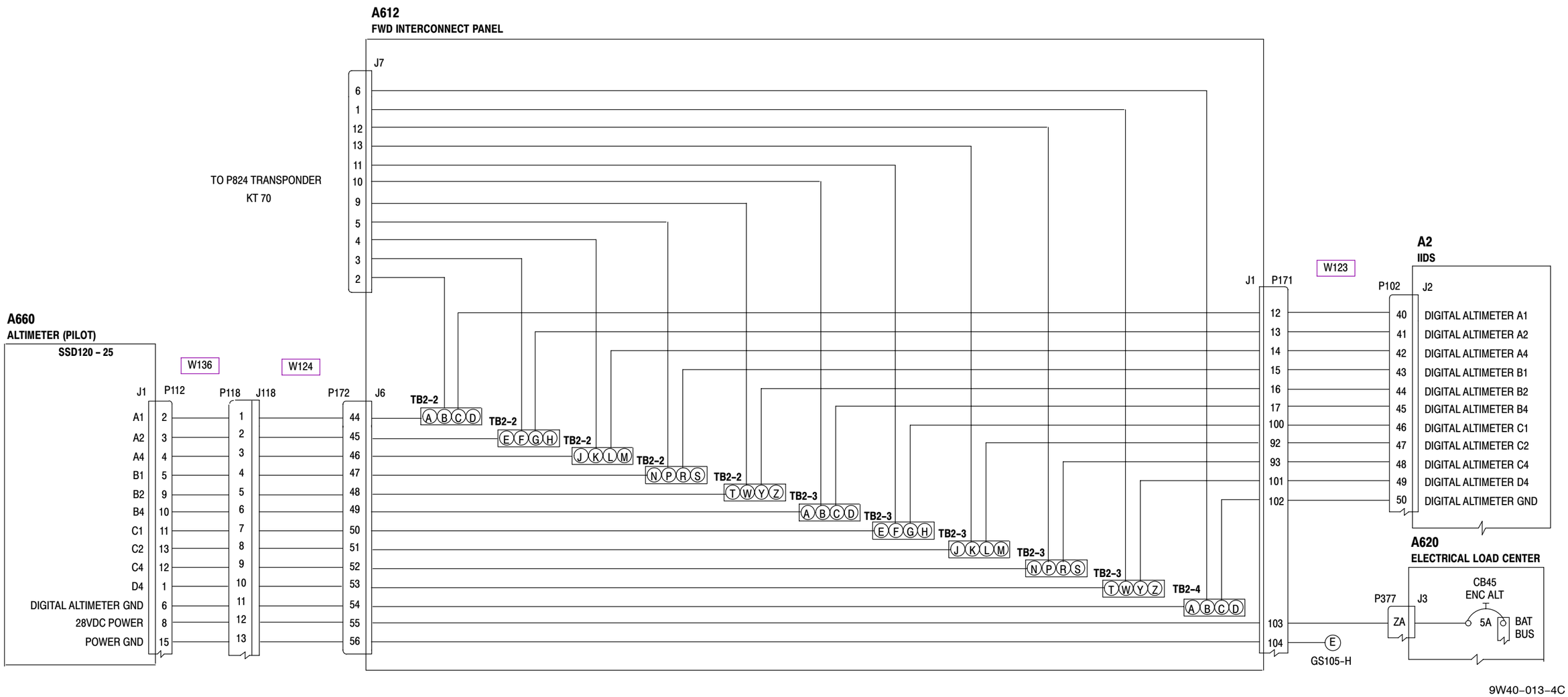

Figure 16. Integrated Instrument Display System (IIDS) Interconnect Wire Diagram (Sheet 4 of 4)

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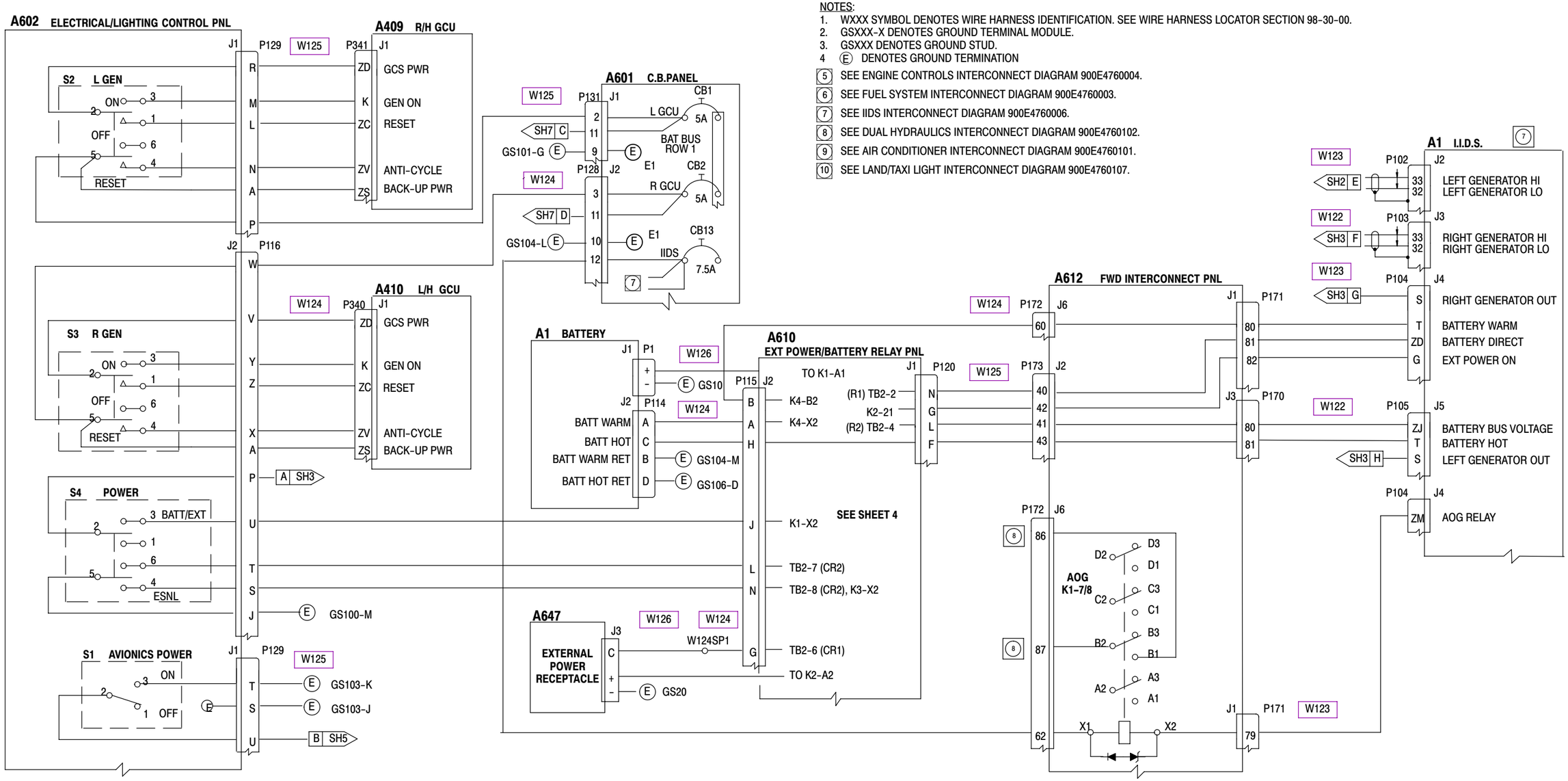

9W40–014–1B

Figure 17. Electrical Power Interconnect Wire Diagram (900 CONFIG) (Sheet 1 of 8)

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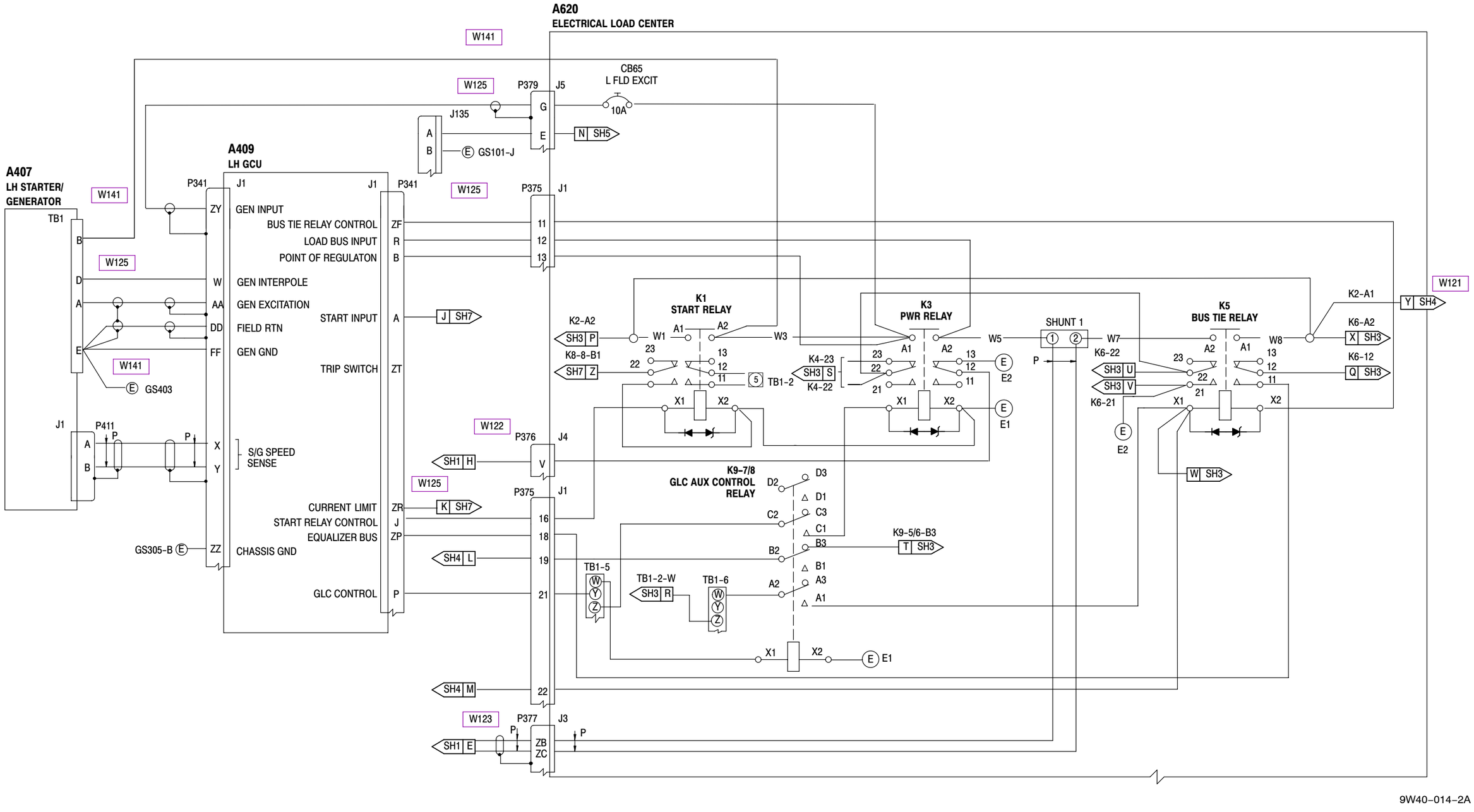

9W40–014–2A

Figure 17. Electrical Power Interconnect Wire Diagram (900 CONFIG) (Sheet 2 of 8)

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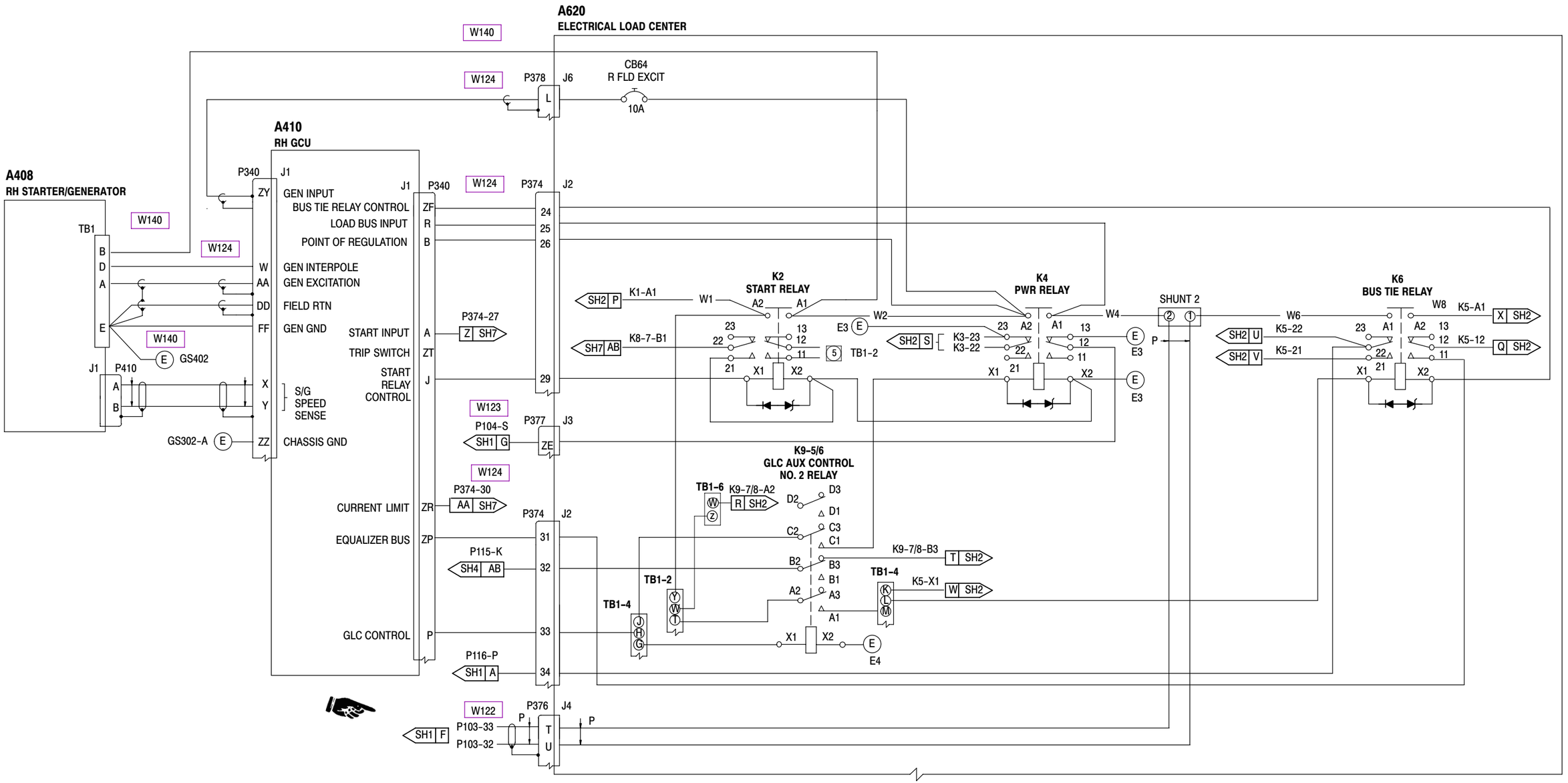

9W40–014–3D

Figure 17. Electrical Power Interconnect Wire Diagram (900 CONFIG) (Sheet 3 of 8)

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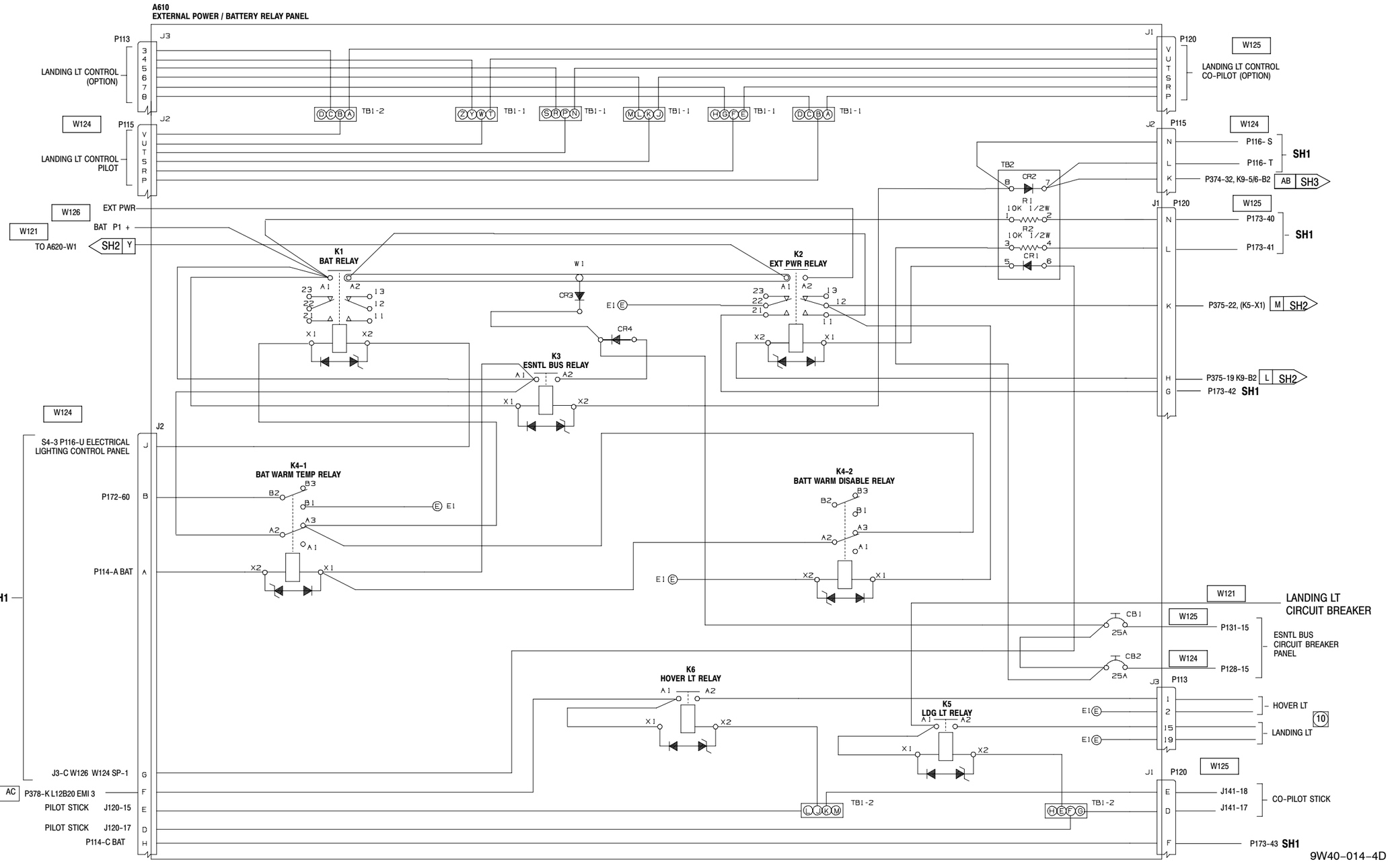

Figure 17. Electrical Power Interconnect Wire Diagram (900 CONFIG) (Sheet 4 of 8)

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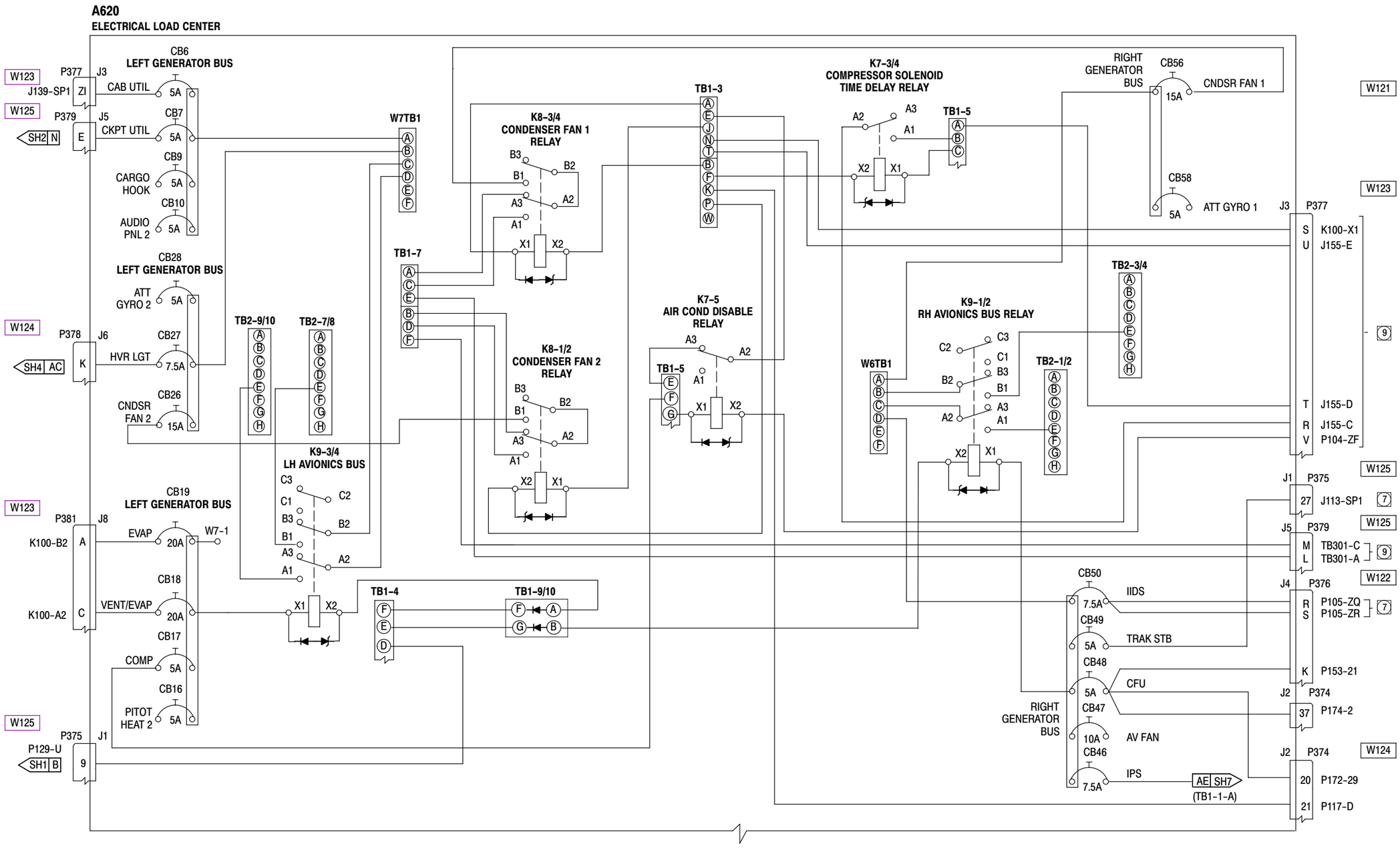

Figure 17. Electrical Power Interconnect Wire Diagram (900CONFIG) (Sheet 5 of 8)

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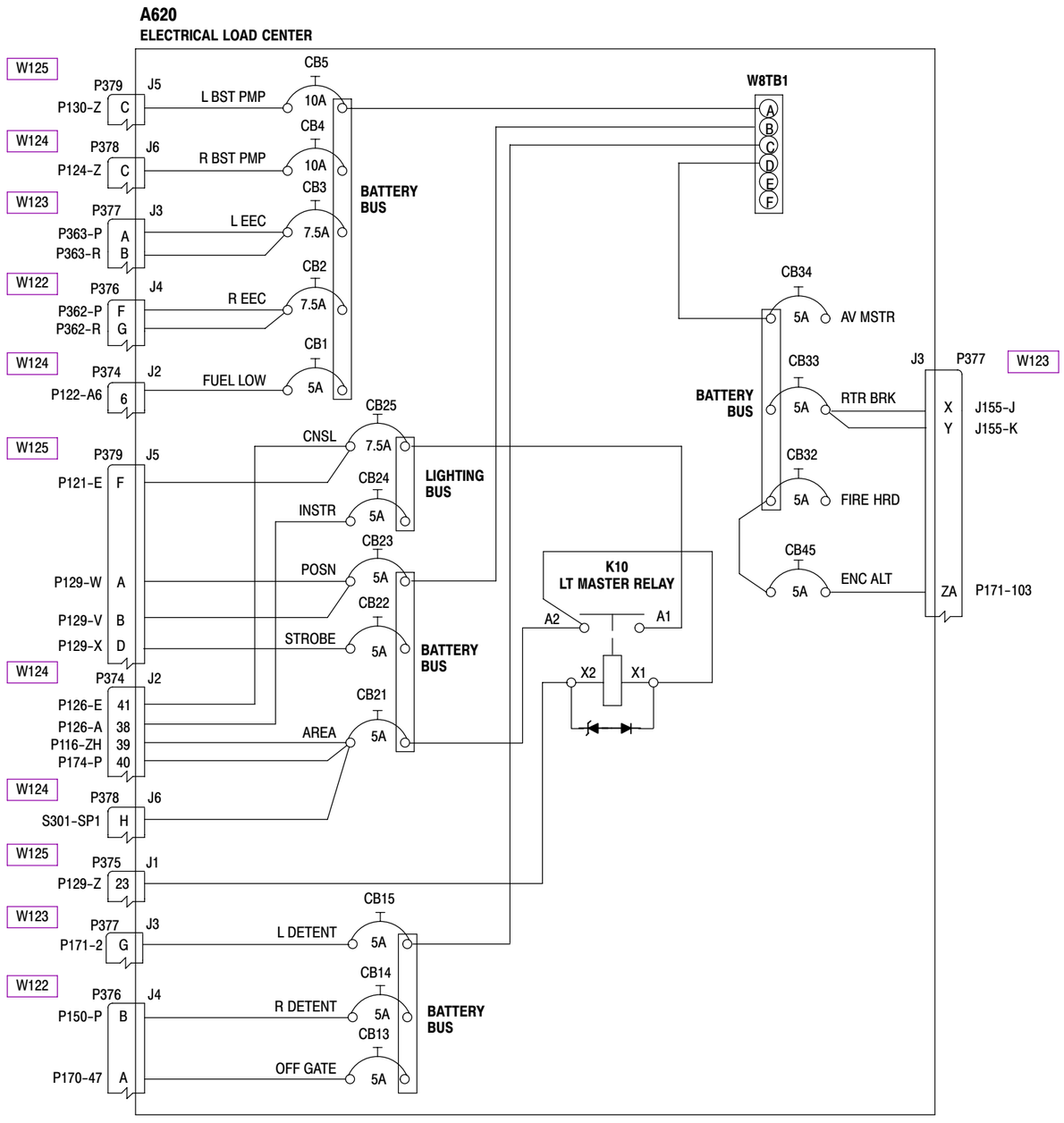

9W40–014–6A

Figure 17. Electrical Power Interconnect Wire Diagram (900 CONFIG) (Sheet 6 of 8)

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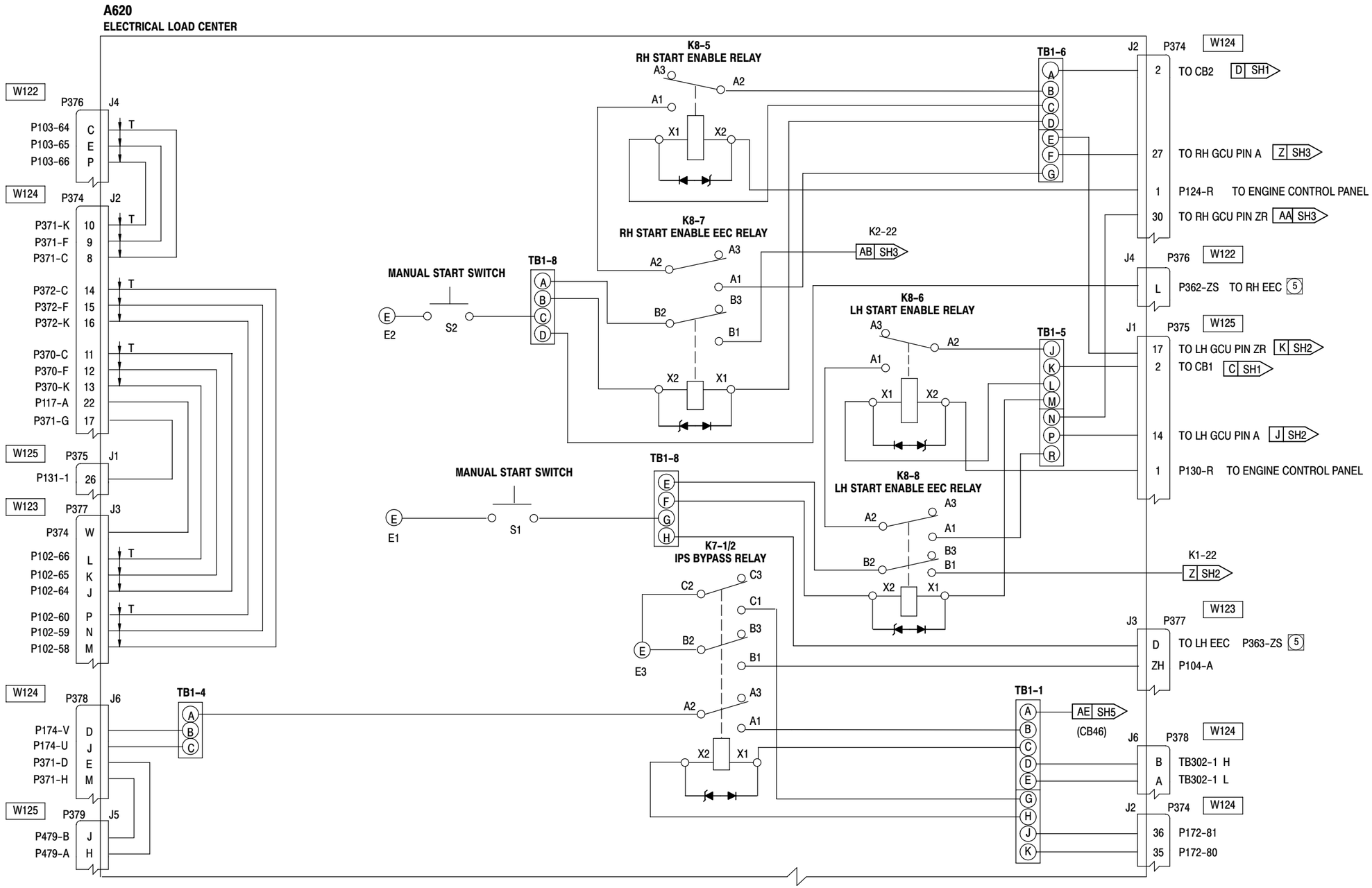

Figure 17. Electrical Power Interconnect Wire Diagram (900 CONFIG) (Sheet 7 of 8)

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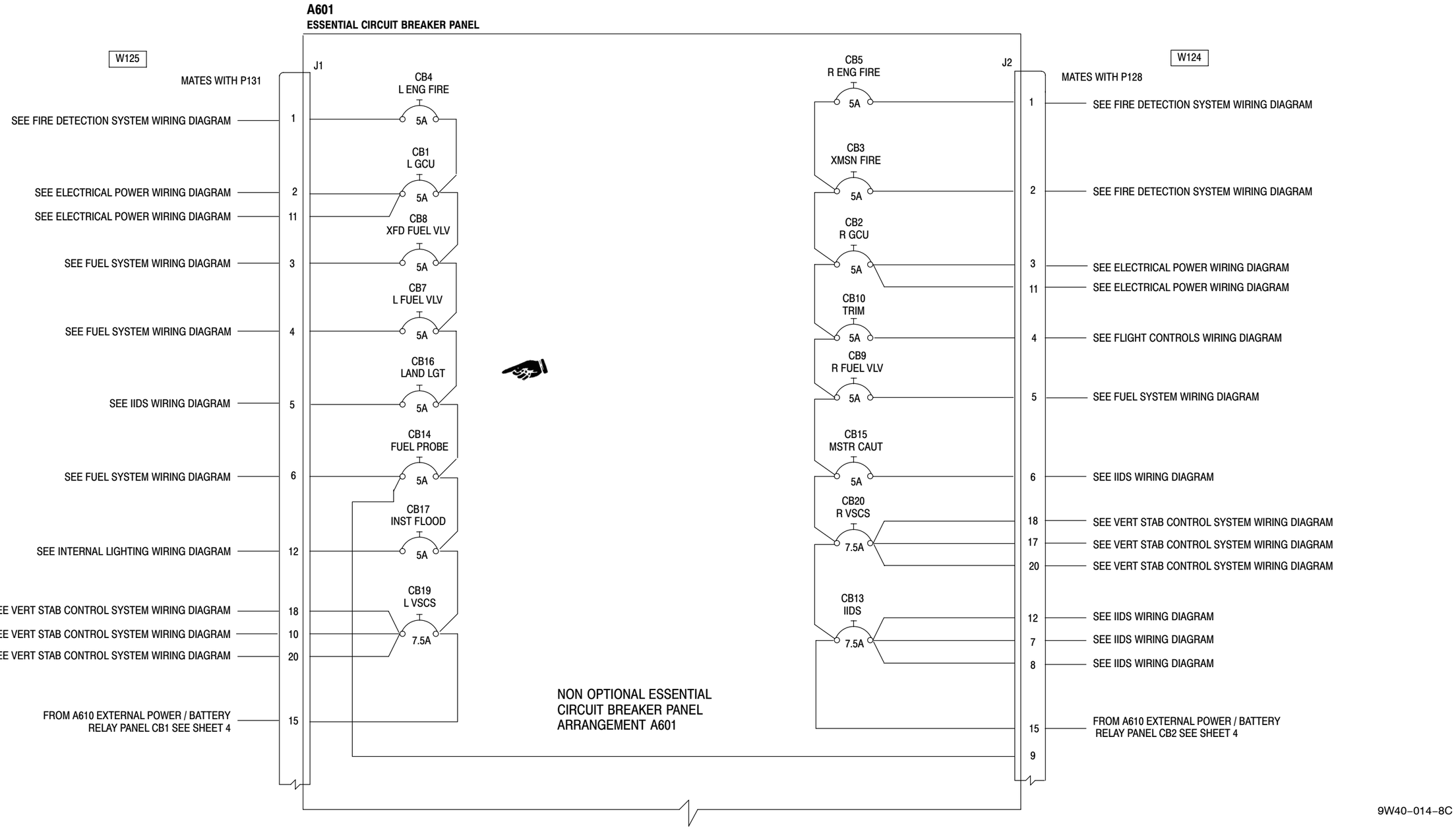

Figure 17. Electrical Power Interconnect Wire Diagram (900 CONFIG) (Sheet 8 of 8)

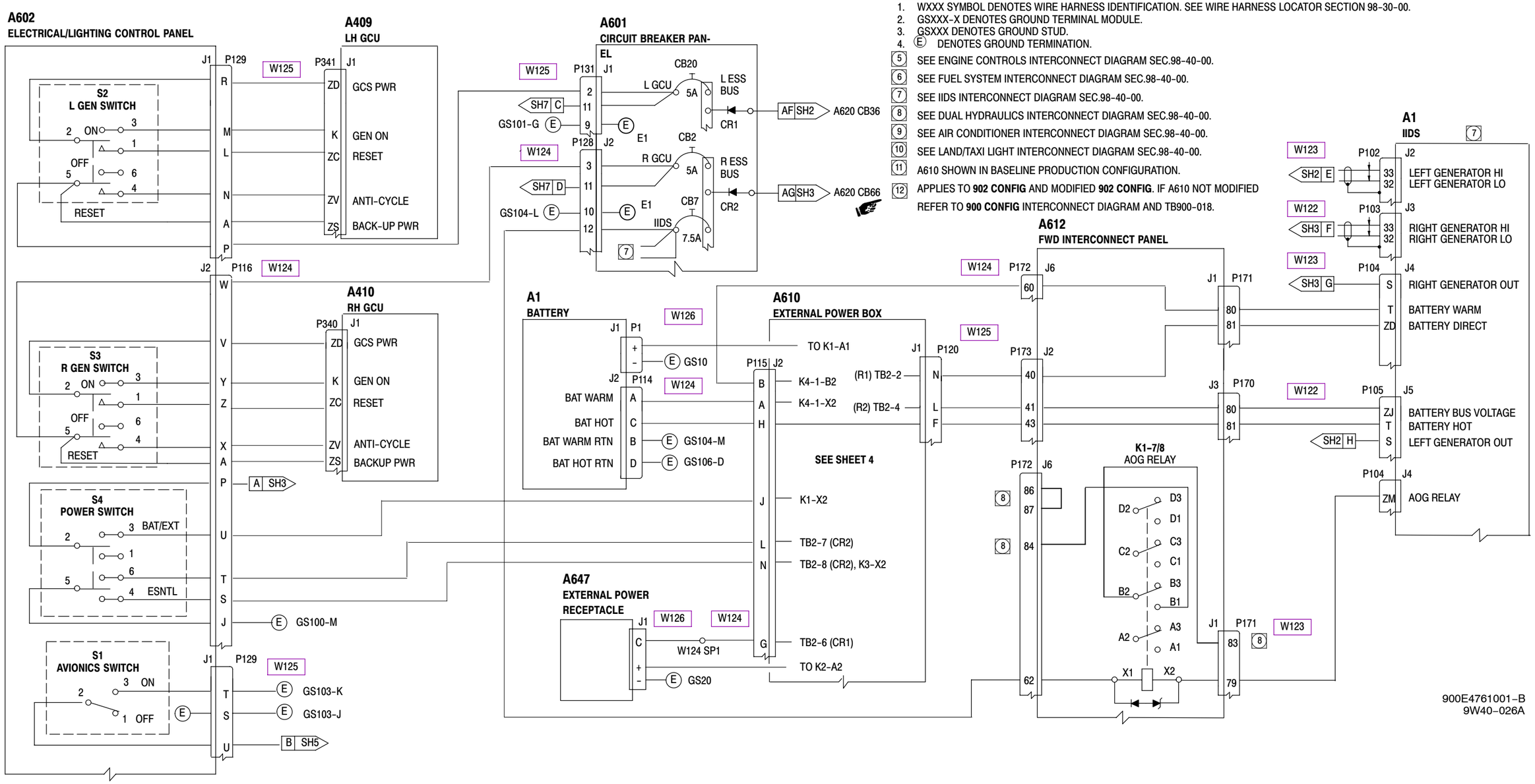

Figure 18. Electrical Power Interconnect Wire Diagram (902 CONFIG) (Sheet 1 of 9)

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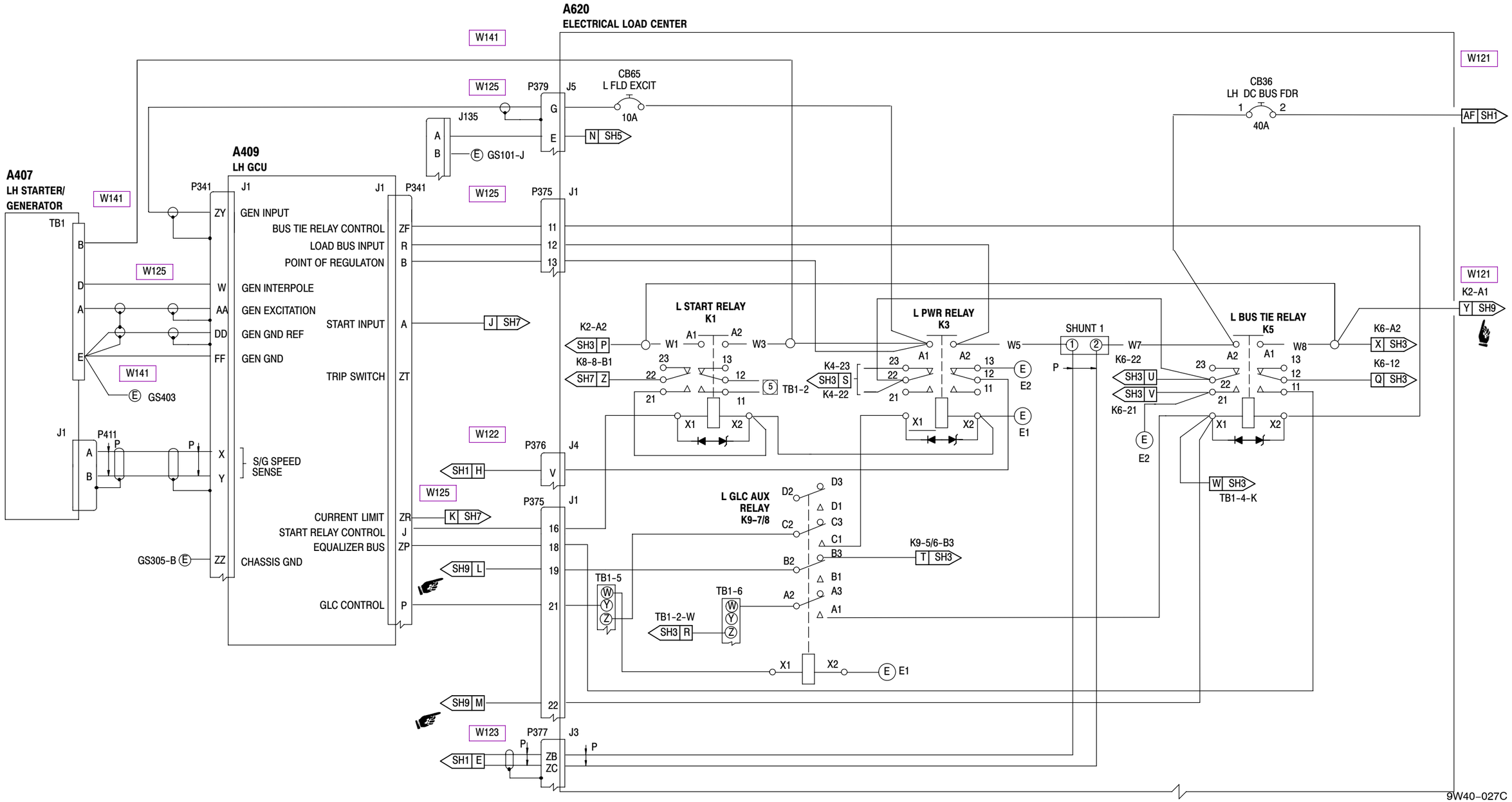

Figure 18. Electrical Power Interconnect Wire Diagram (902 CONFIG) (Sheet 2 of 9)

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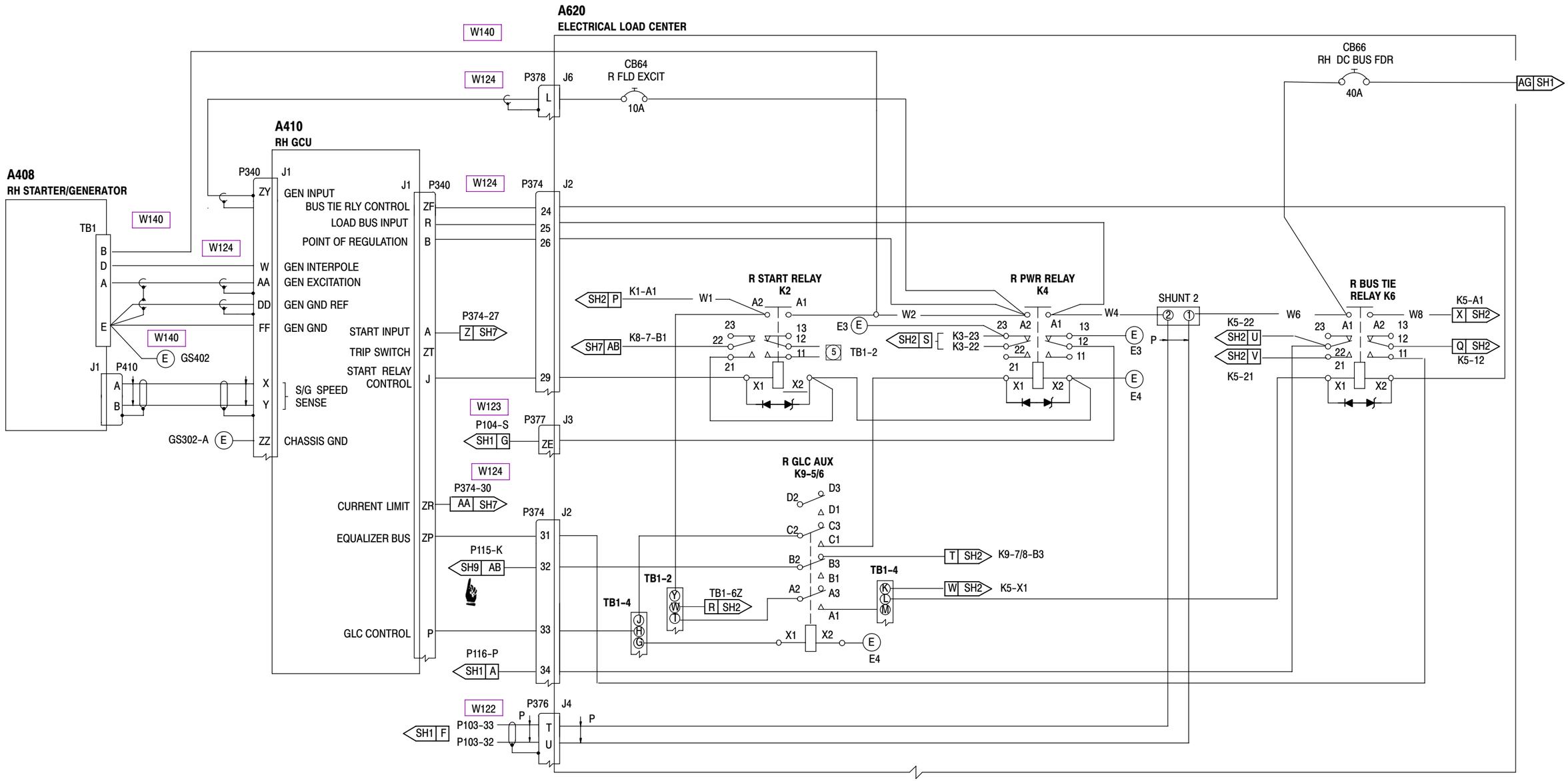

Figure 18. Electrical Power Interconnect Wire Diagram (902 CONFIG) (Sheet 3 of 9)

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SHEET 4 OF 9 HAS BEEN COMBINED WITH SHEET 9. SEE SHEET 9 FOR CURRENT CONFIGURATION. THIS PAGE INTENTIONALLY LEFT BLANK.

Figure 18. Electrical Power Interconnect Wire Diagram (902 CONFIG) (Sheet 4 of 9)

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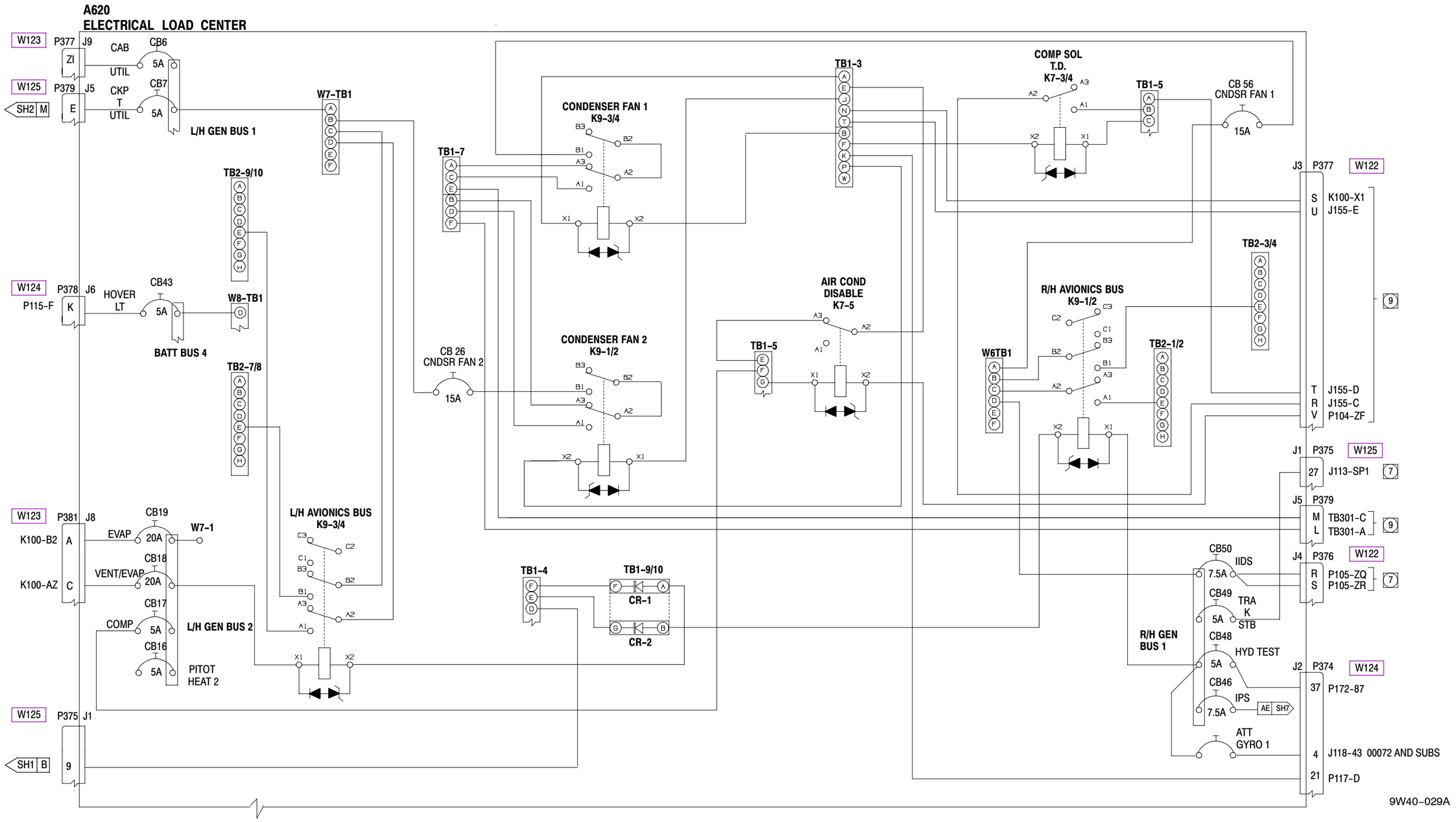

Figure 18. Electrical Power Interconnect Wire Diagram (902 CONFIG) (Sheet 5 of 9)

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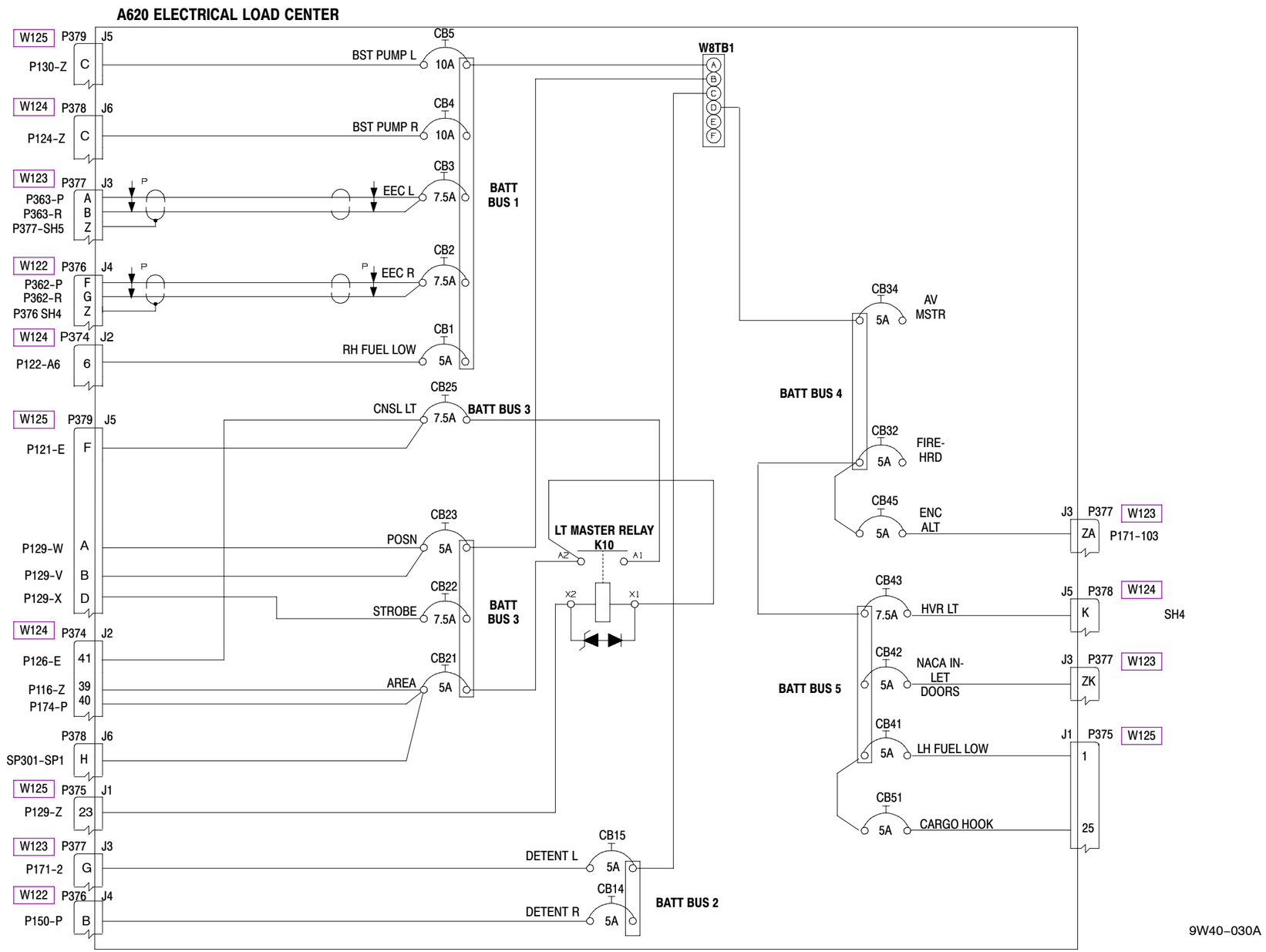

Figure 18. Electrical Power Interconnect Wire Diagram (902 CONFIG) (Sheet 6 of 9)

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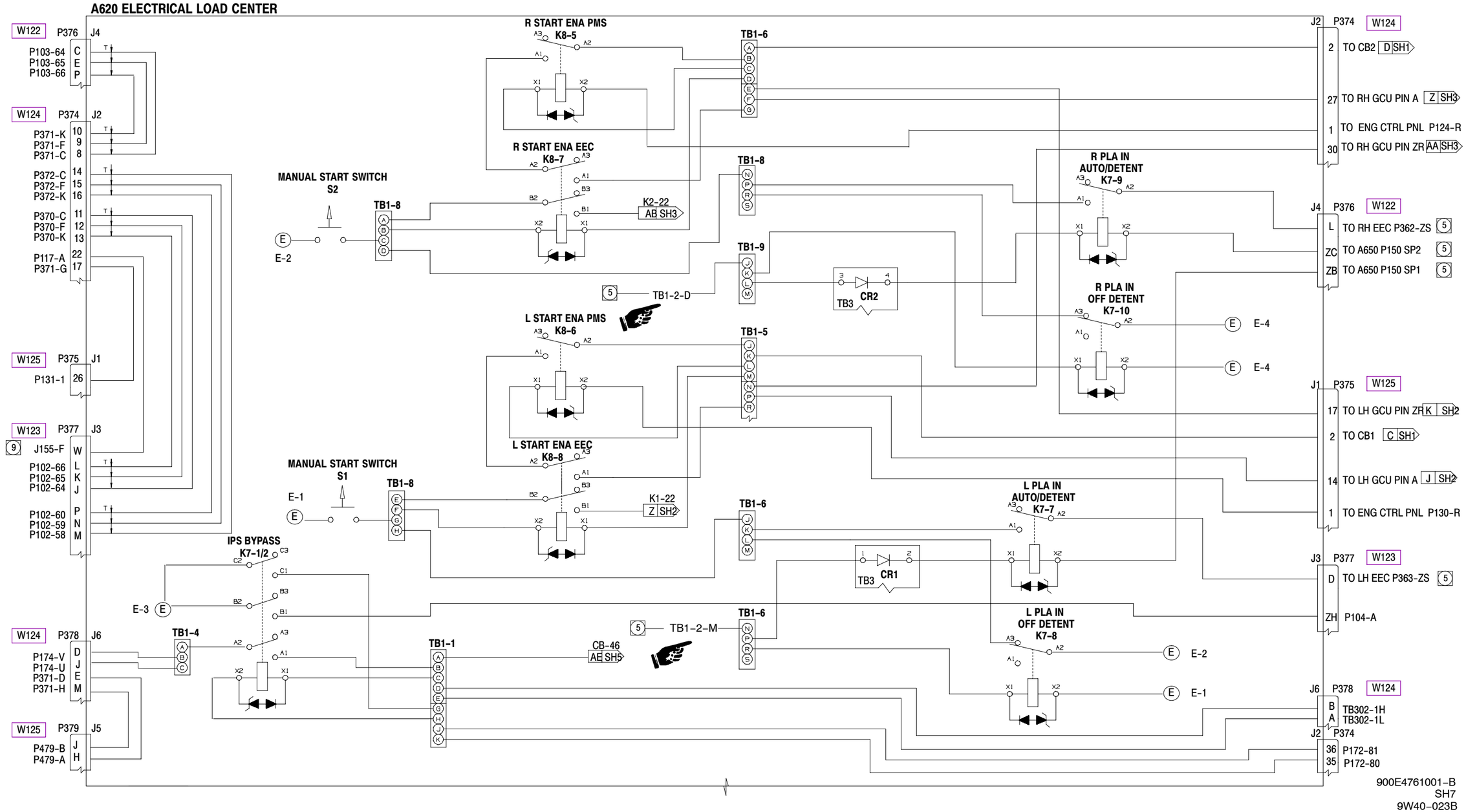

Figure 18. Electrical Power Interconnect Wire Diagram (902 CONFIG) (Sheet 7 of 9)

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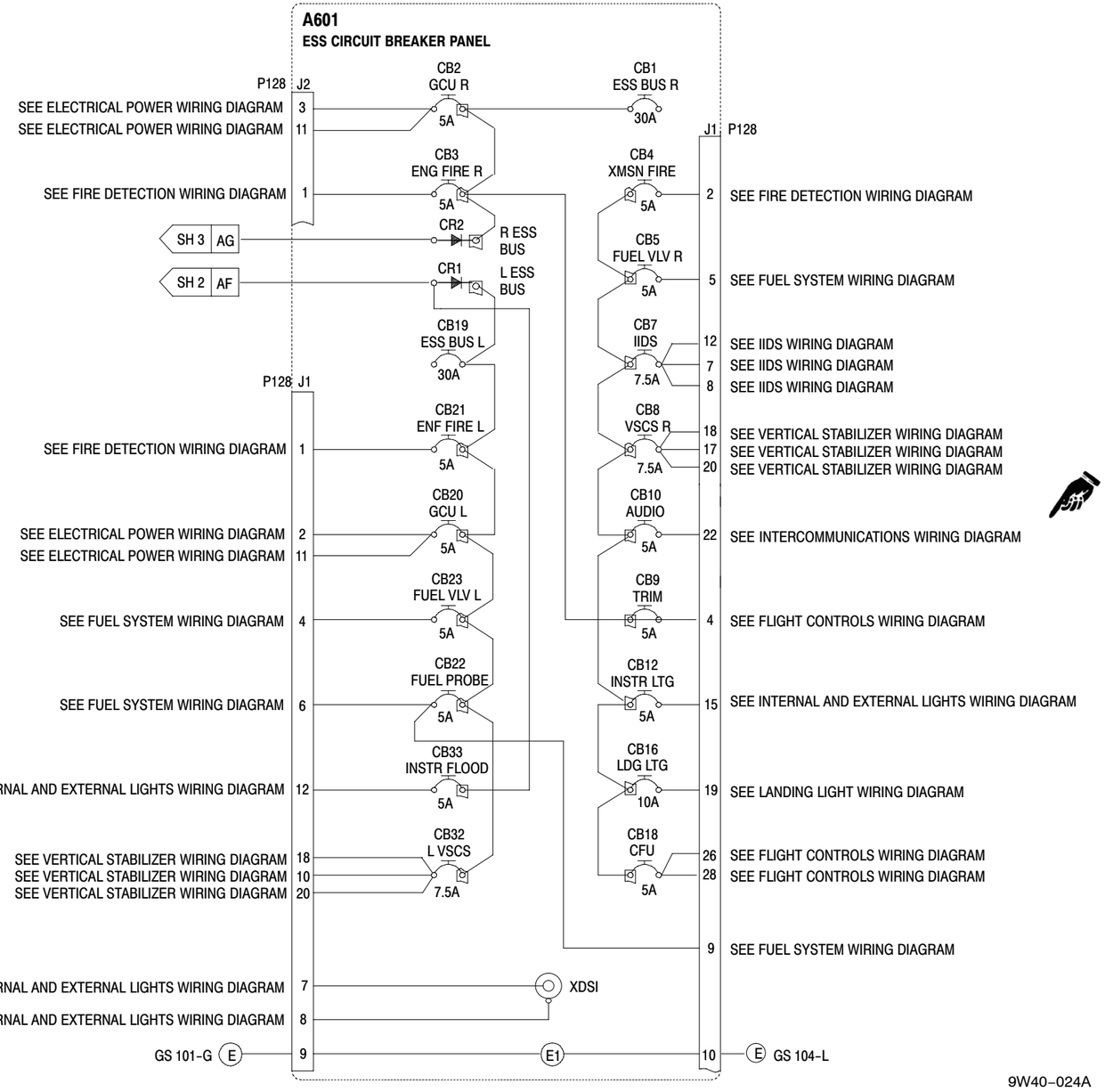

Figure 18. Electrical Power Interconnect Wire Diagram (902 CONFIG) (Sheet 8 of 9)

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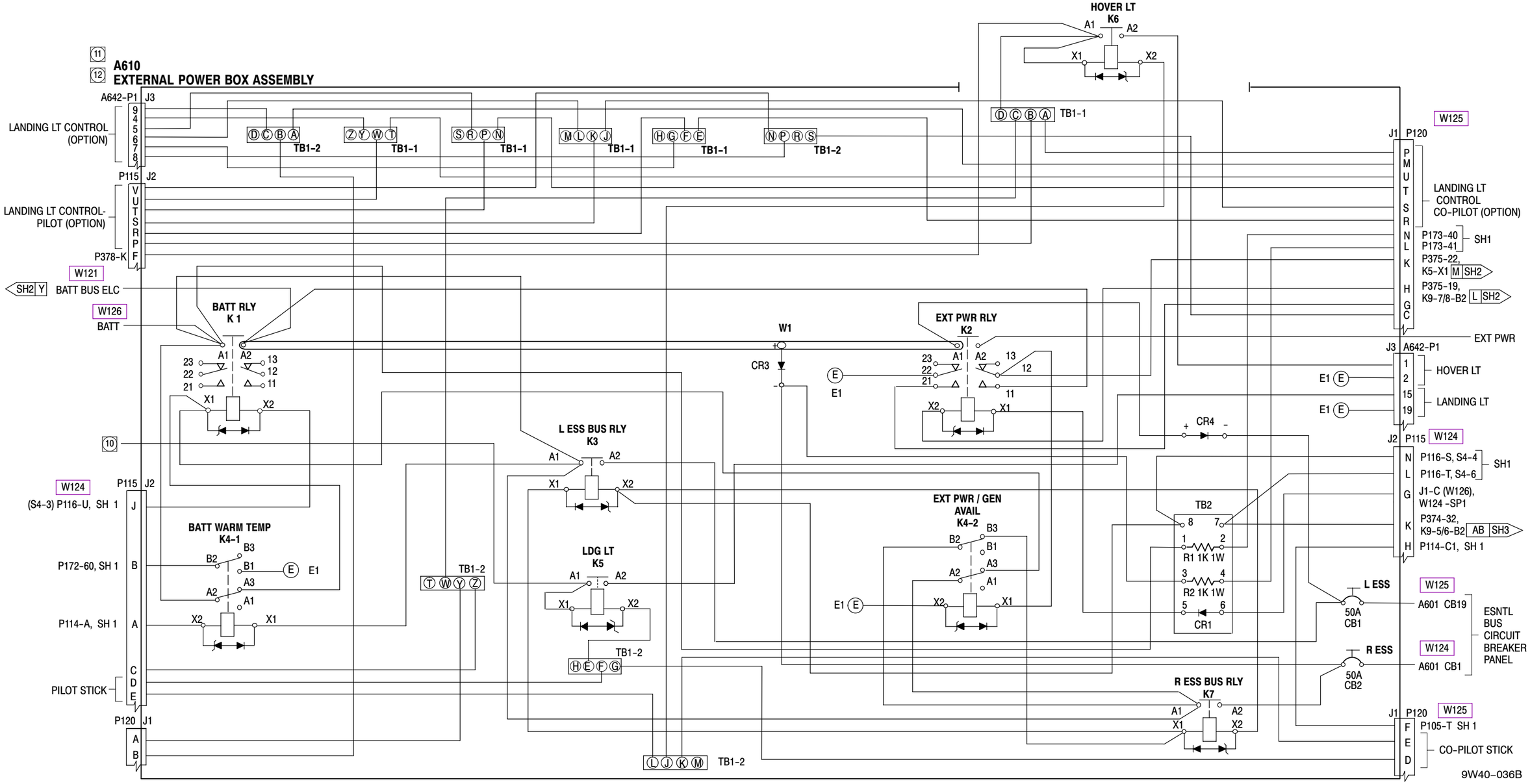

Figure 18. Electrical Power Interconnect Wire Diagram (902 CONFIG) (Sheet 9 of 9)

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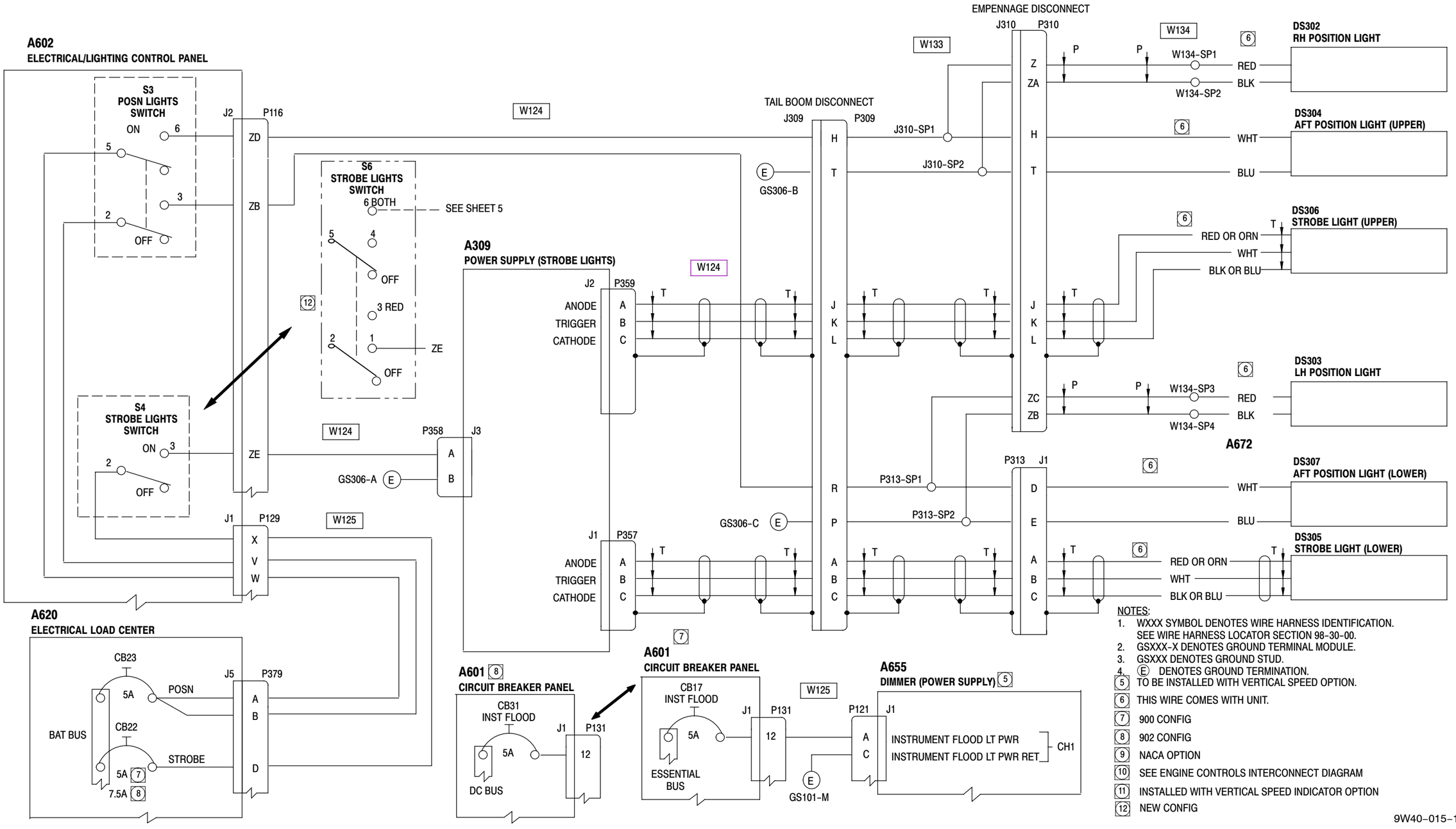

Figure 19. Internal and External Lights Interconnect Wire Diagram (Sheet 1 of 5)

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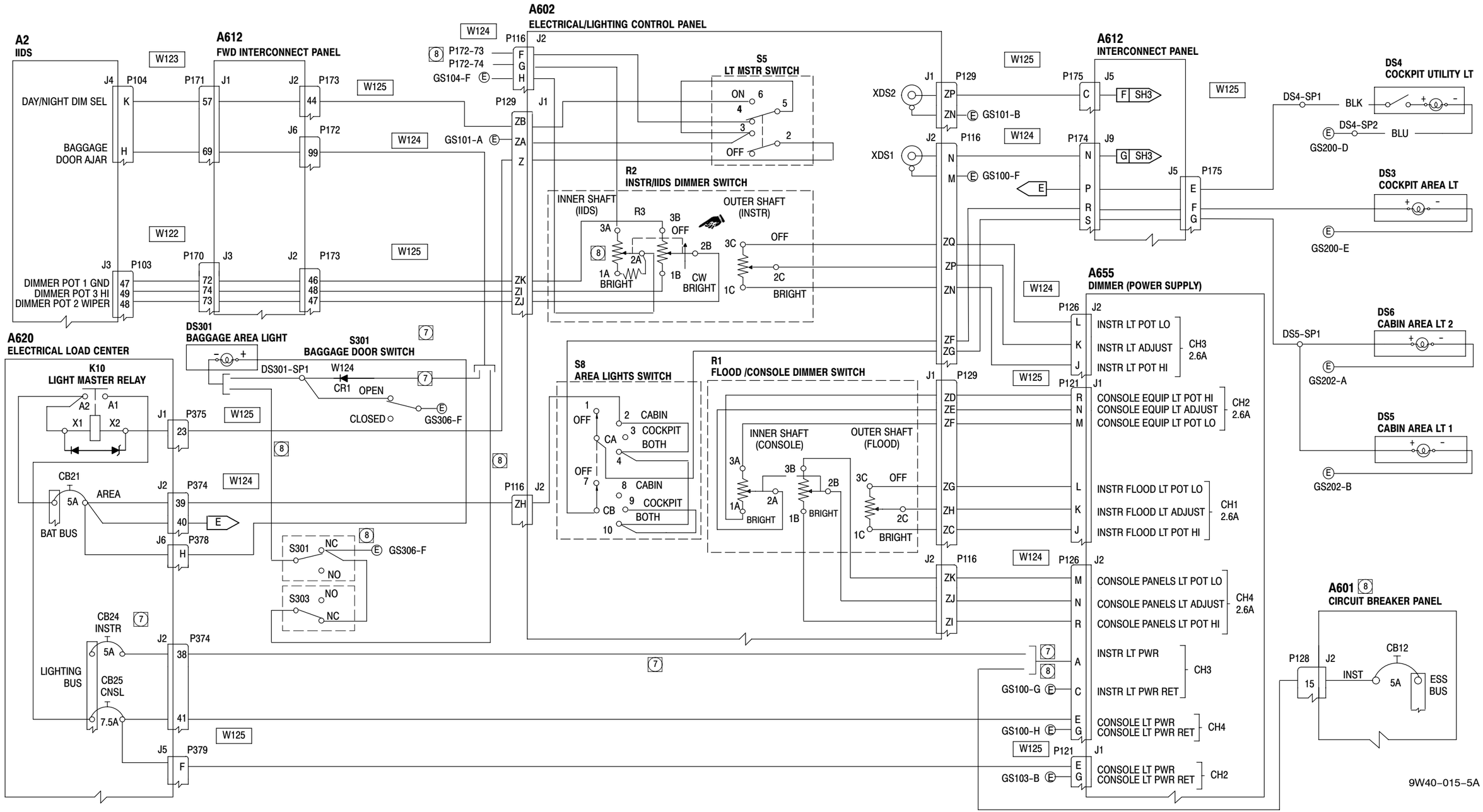

Figure 19. Internal and External Lights Interconnect Wire Diagram (Sheet 2 of 5)

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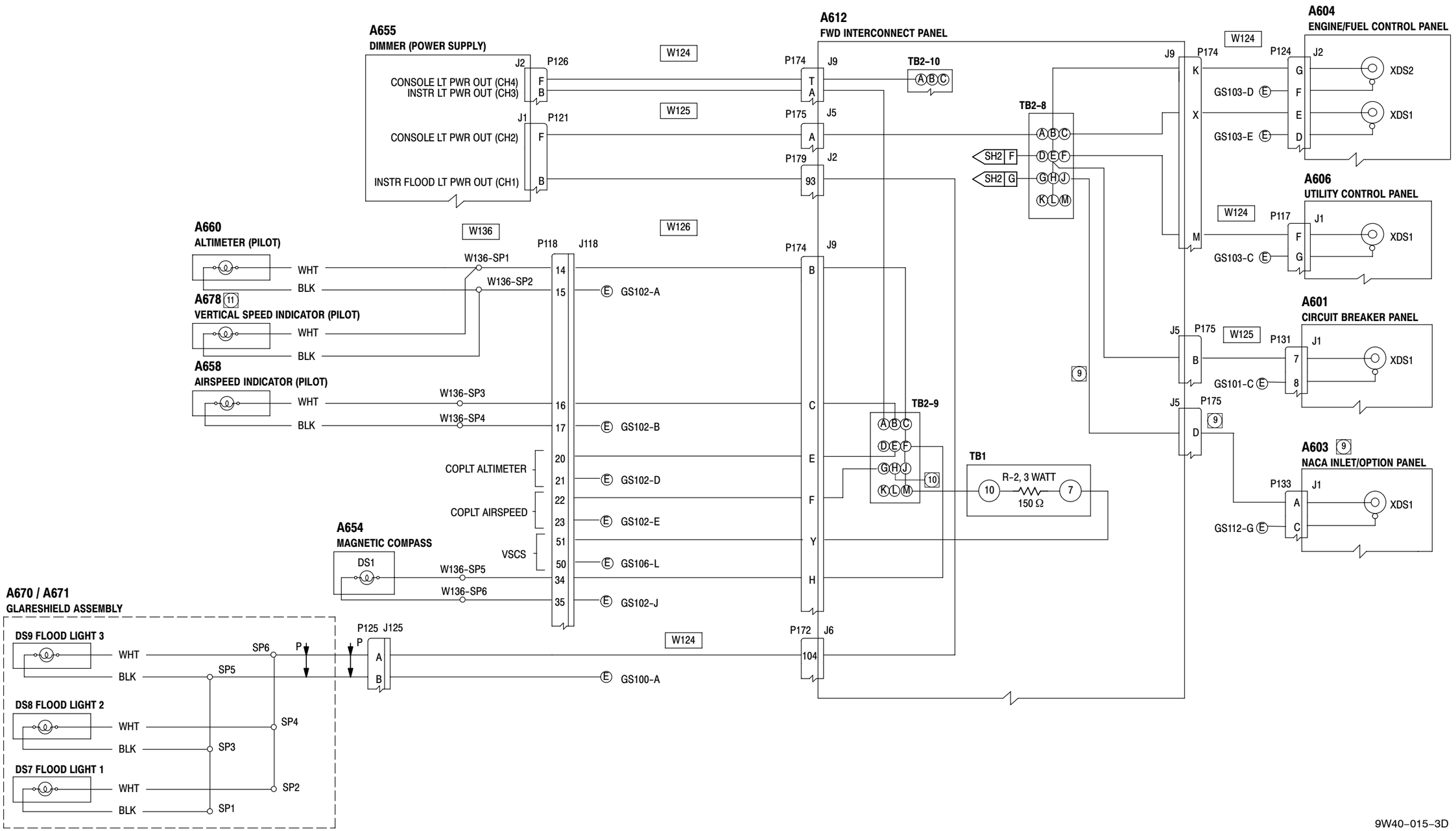

Figure 19. Internal and External Lights Interconnect Wire Diagram (Sheet 3 of 5)

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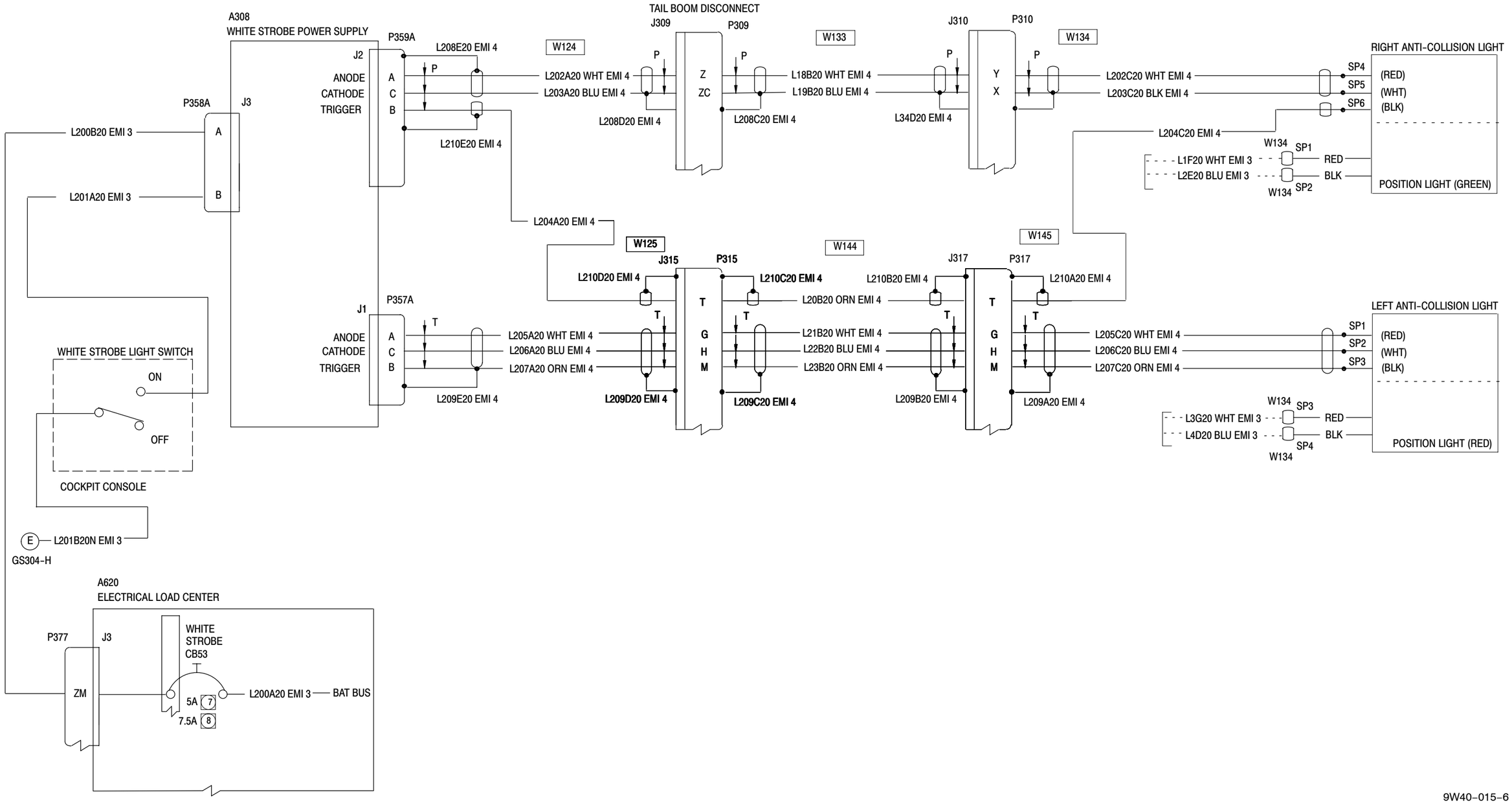

9W40–015–6

Figure 19. Internal and External Lights Interconnect Wire Diagram (Sheet 4 of 5)

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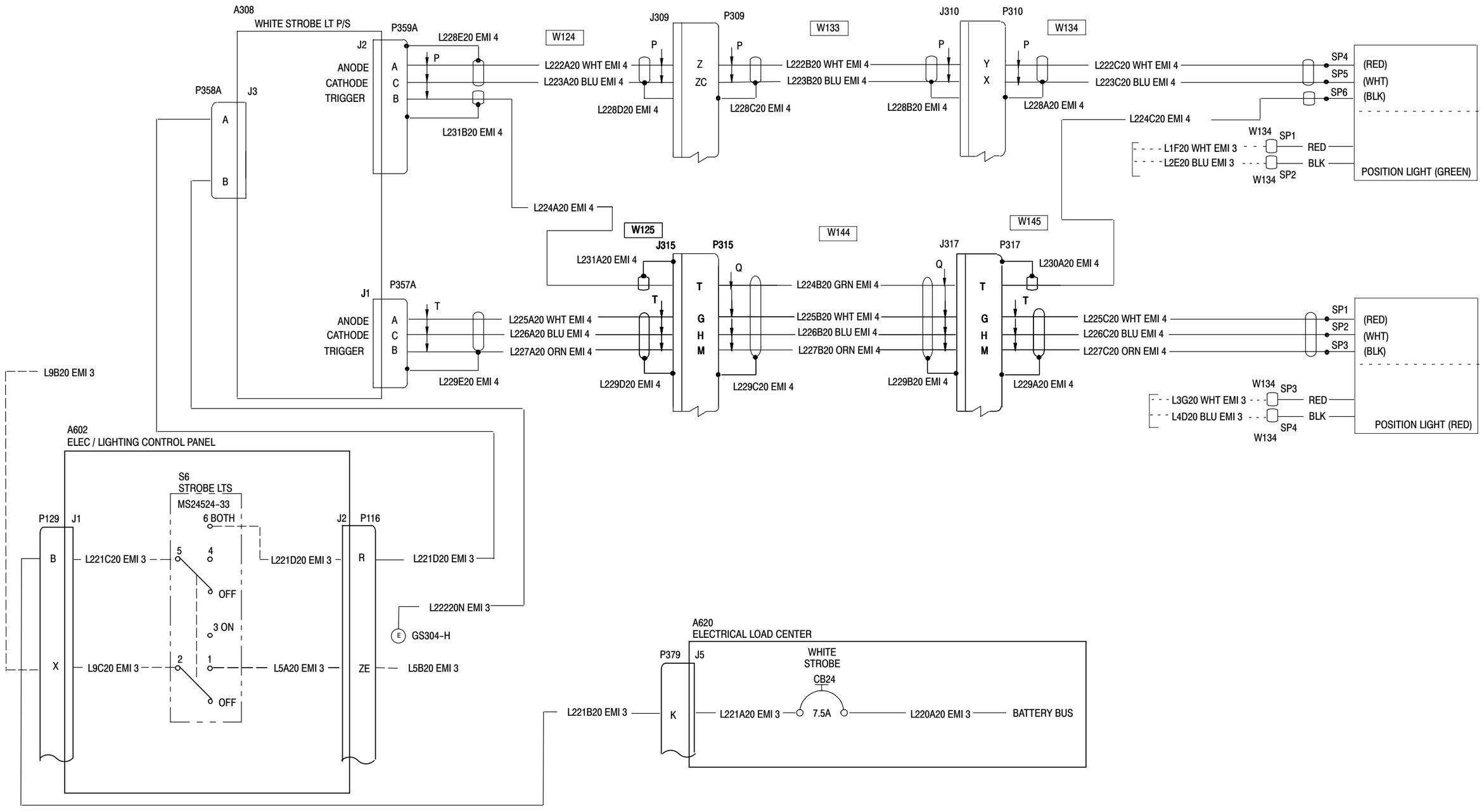

9W40–015–7

Figure 19. Internal and External Lights Interconnect Wire Diagram (Sheet 5 of 5)

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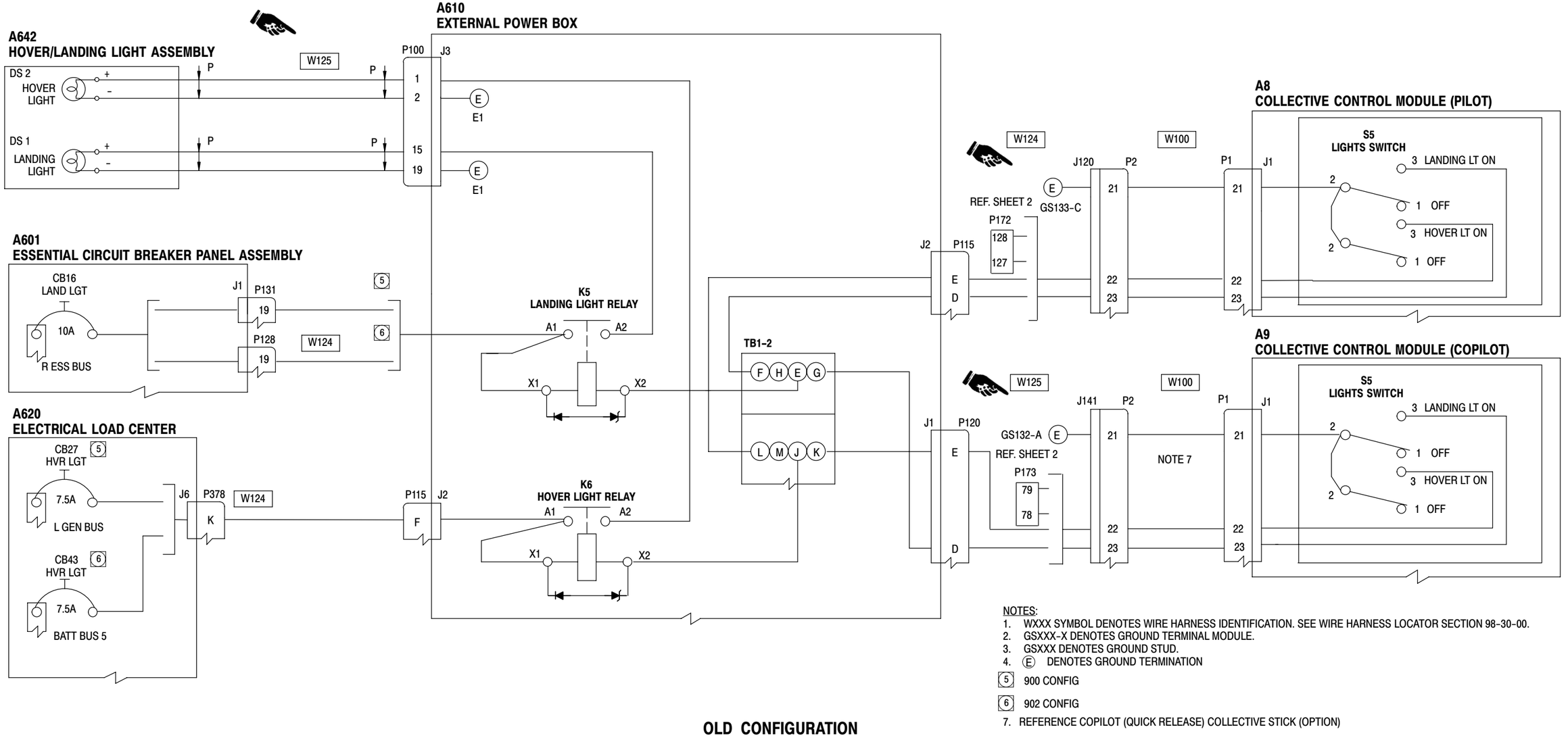

NOTES:
1. WXXX SYMBOL DENOTES WIRE HARNESS IDENTIFICATION. SEE WIRE HARNESS LOCATOR SECTION 98-30-00.
2. GSXXX-X DENOTES GROUND TERMINAL MODULE.
3. GSXXX DENOTES GROUND STUD.
4. (E) DENOTES GROUND TERMINATION

[5] 900 CONFIG

[6] 902 CONFIG

7. REFERENCE COPILOT (QUICK RELEASE) COLLECTIVE STICK (OPTION)

OLD CONFIGURATION

9W40–025_1

Figure 20. Landing and Taxi Lights Interconnect Wire Diagram (Sheet 1 of 2)

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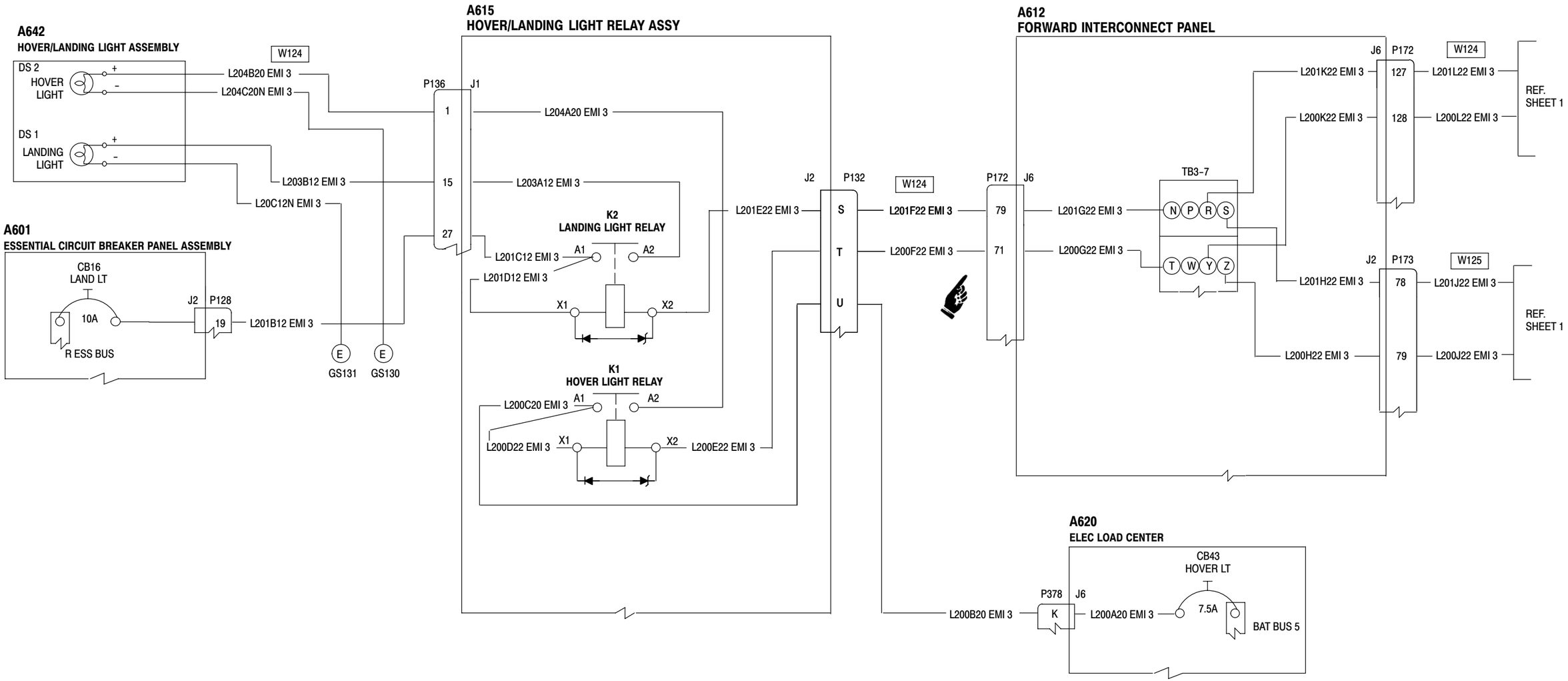

NEW CONFIGURATION

9W40–025_2A

Figure 20. Landing and Taxi Lights Interconnect Wire Diagram (Sheet 2 of 2)

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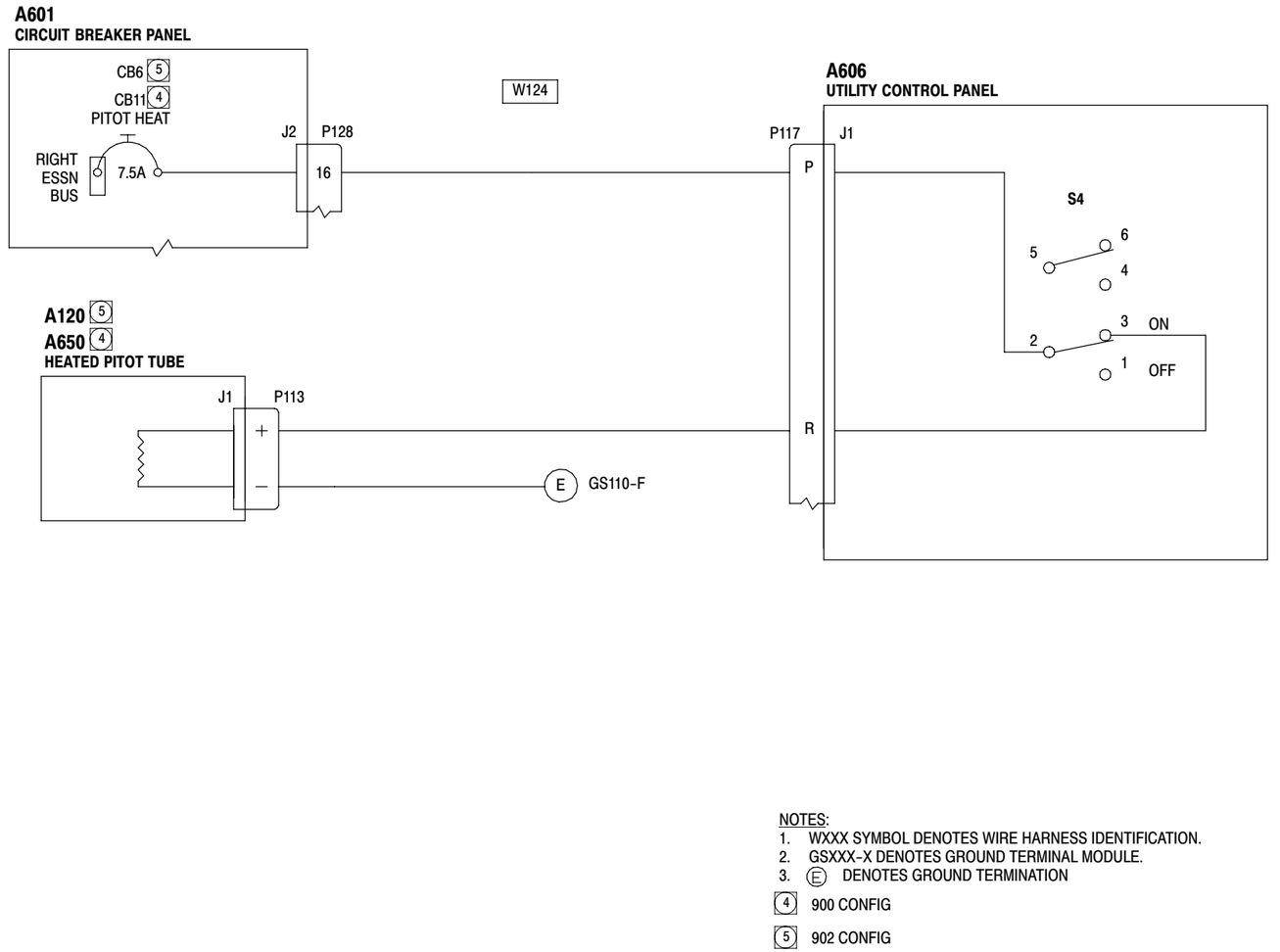

Figure 21. Single Pitot Heat Interconnect Wire Diagram

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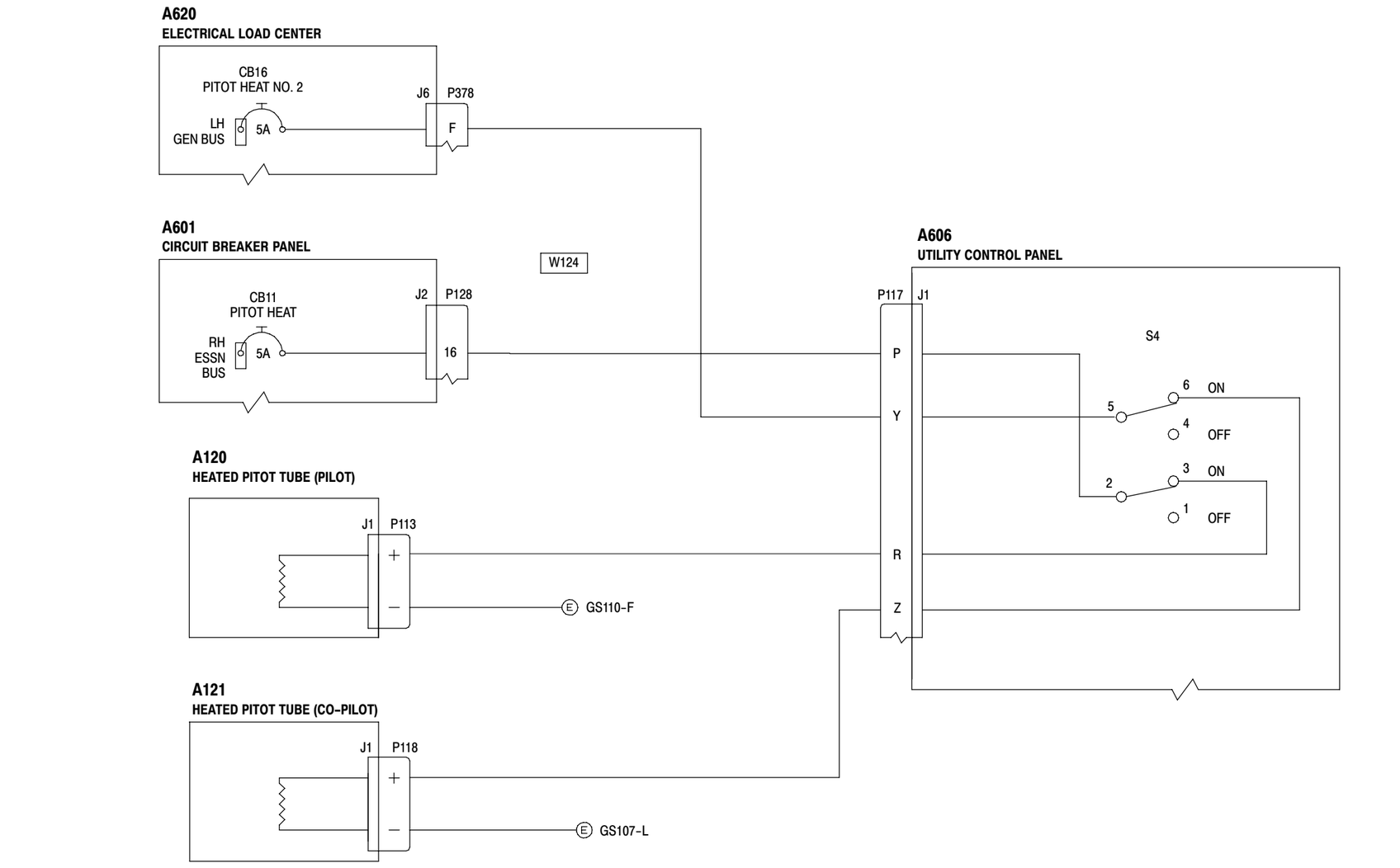

NOTES:
1. WXXX SYMBOL DENOTES WIRE HARNESS IDENTIFICATION.
2. GSXXX-X DENOTES GROUND TERMINAL MODULE.
3. (E) DENOTES GROUND TERMINATION

900 CONFIG

9W40–019A

Figure 22. Dual Pitot Heat Interconnect Wire Diagram (Sheet 1 of 3)

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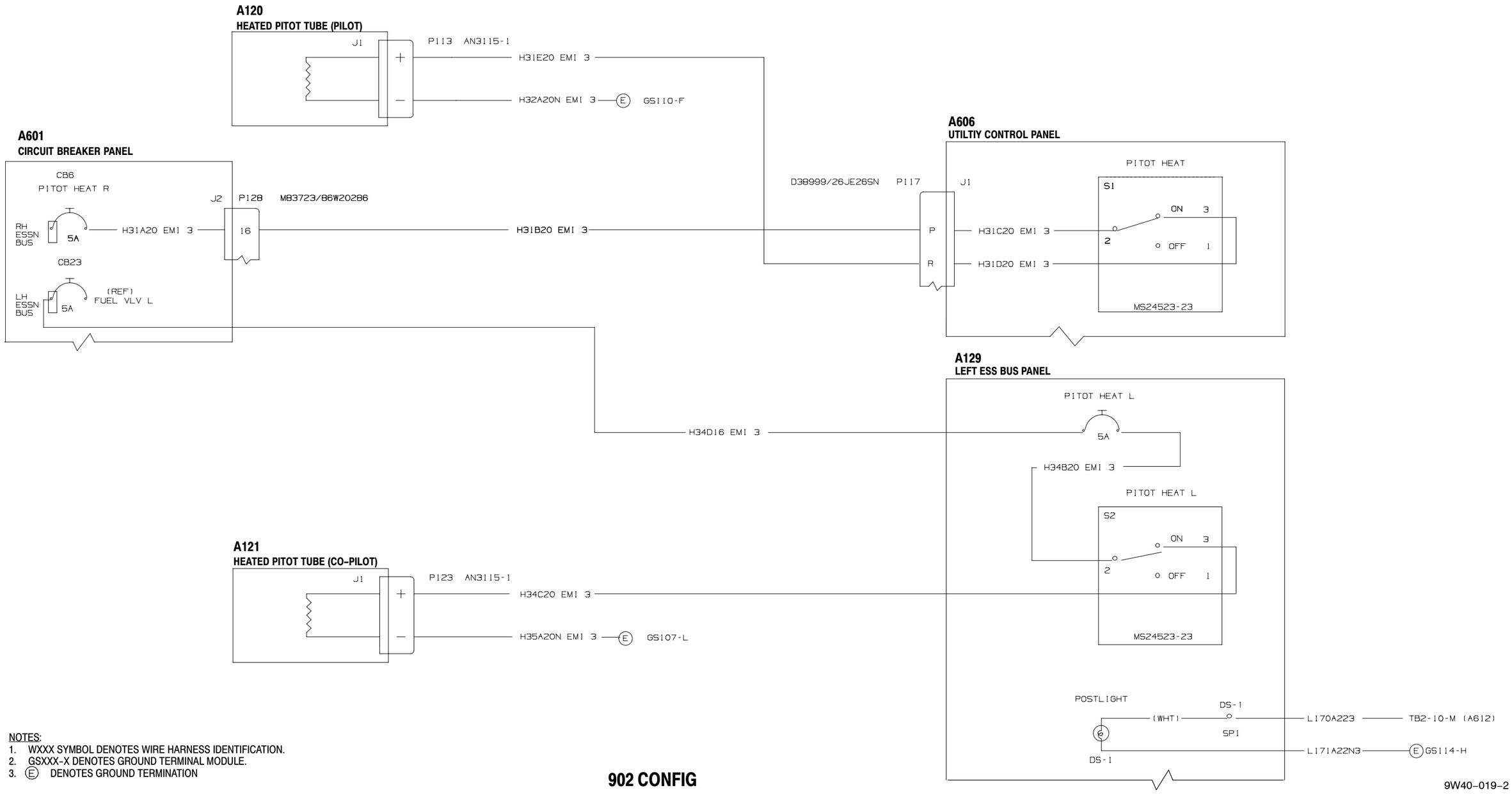

NOTES:
1. WXXX SYMBOL DENOTES WIRE HARNESS IDENTIFICATION.
2. GSXXX-X DENOTES GROUND TERMINAL MODULE.
3. (E) DENOTES GROUND TERMINATION

902 CONFIG

9W40–019–2

Figure 22. Dual Pitot Heat Interconnect Wire Diagram (Sheet 2 of 3)

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SHEET 3 OF 3 HAS BEEN COMBINED WITH SHEET 2. THIS PAGE INTENTIONALLY LEFT BLANK.

Figure 22. Dual Pitot Heat Interconnect Wire Diagram (Sheet 3 of 3)

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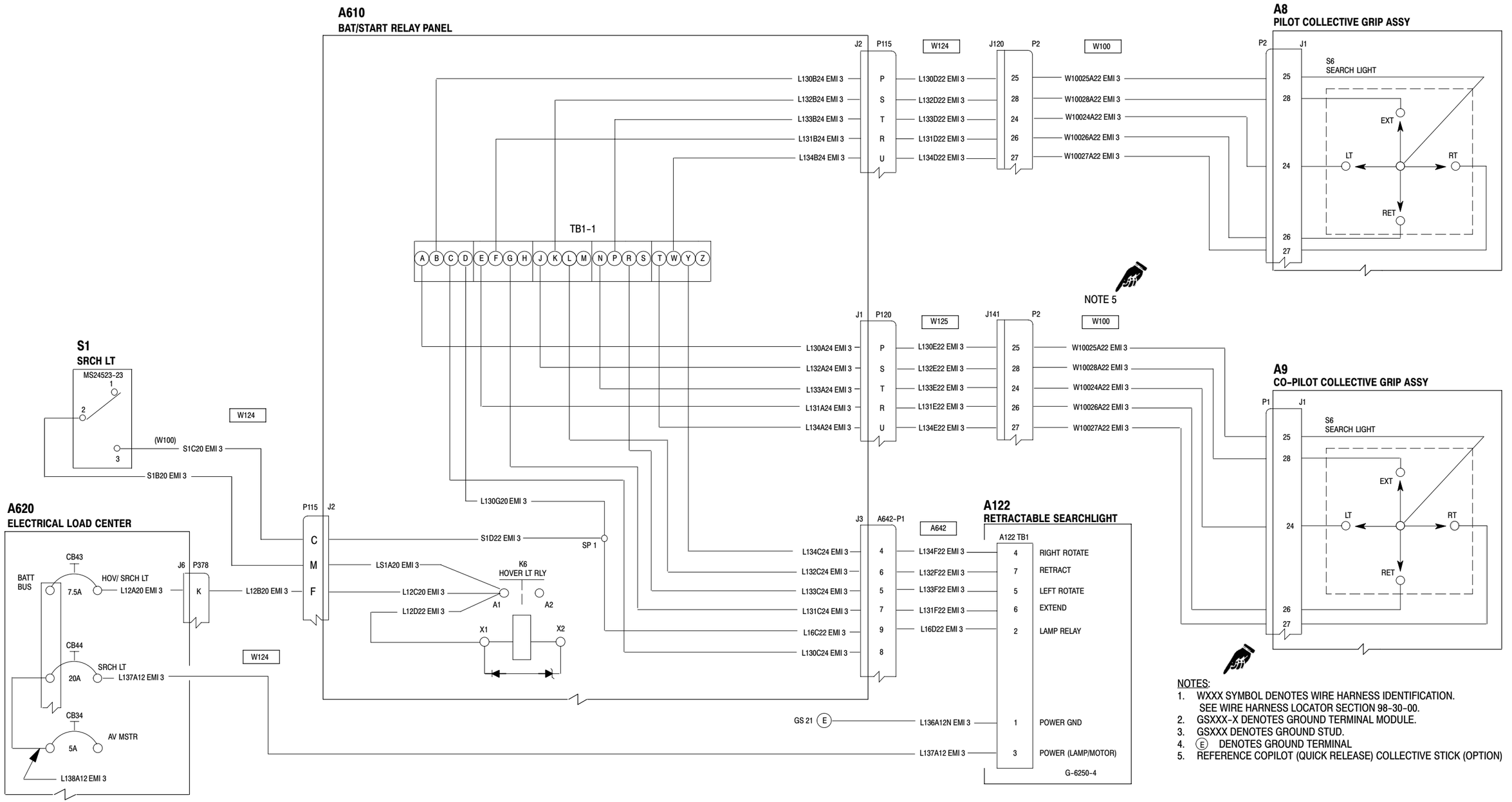

NOTES:
1. WXXX SYMBOL DENOTES WIRE HARNESS IDENTIFICATION. SEE WIRE HARNESS LOCATOR SECTION 98–30–00.
2. GSXXX–X DENOTES GROUND TERMINAL MODULE.
3. GSXXX DENOTES GROUND STUD.
4. (E) DENOTES GROUND TERMINAL
5. REFERENCE COPILOT (QUICK RELEASE) COLLECTIVE STICK (OPTION)

9W40–021B

Figure 23. Hover/Search Light Interconnect Wire Diagram (900 CONFIG)

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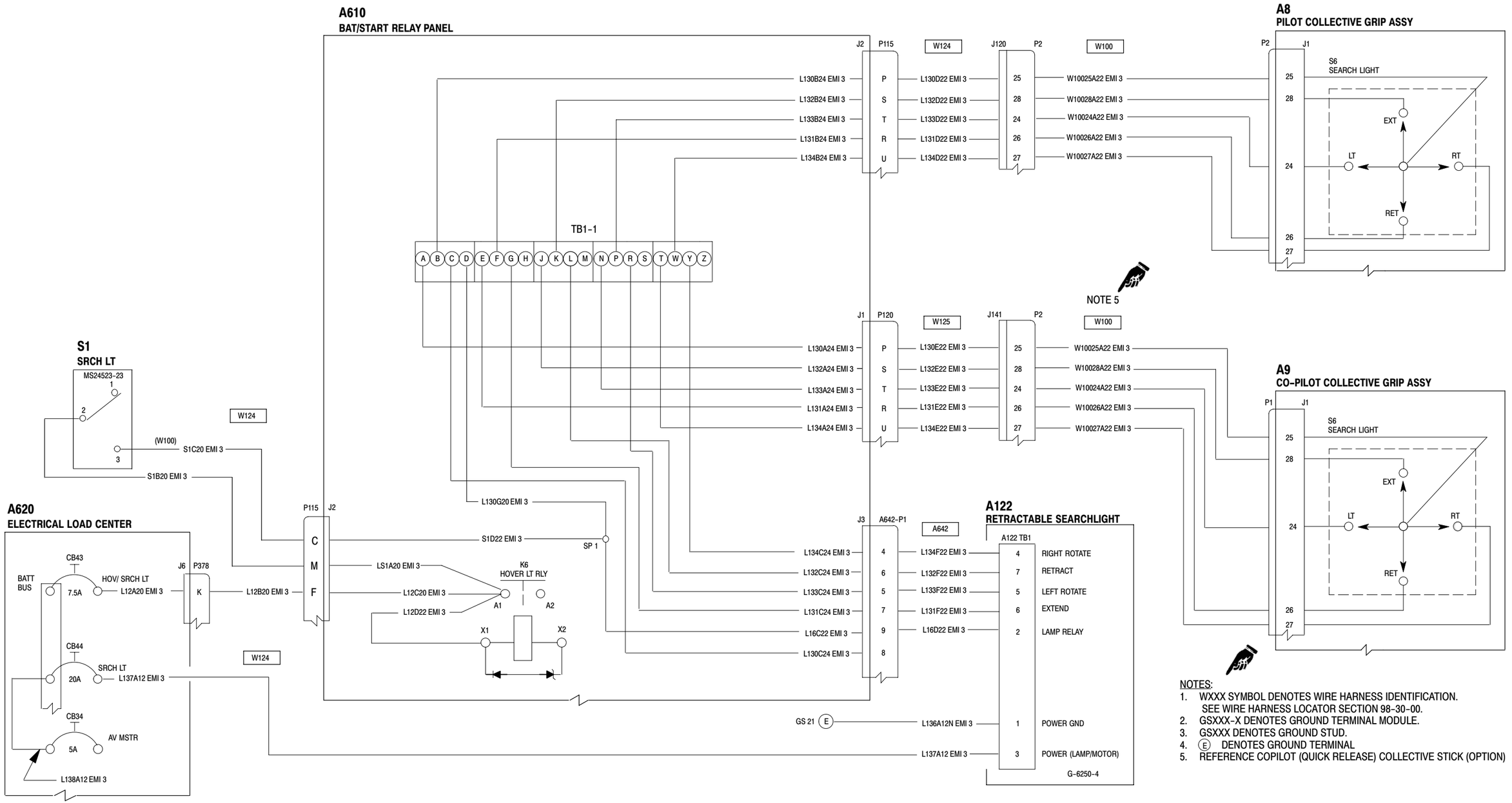

NOTES:
1. WXXX SYMBOL DENOTES WIRE HARNESS IDENTIFICATION. SEE WIRE HARNESS LOCATOR SECTION 98–30–00.
2. GSXXX–X DENOTES GROUND TERMINAL MODULE.
3. GSXXX DENOTES GROUND STUD.
4. (E) DENOTES GROUND TERMINAL
5. REFERENCE COPILOT (QUICK RELEASE) COLLECTIVE STICK (OPTION)

9W40–021B

Figure 24. Hover/Search Light Interconnect Wire Diagram (902 CONFIG)

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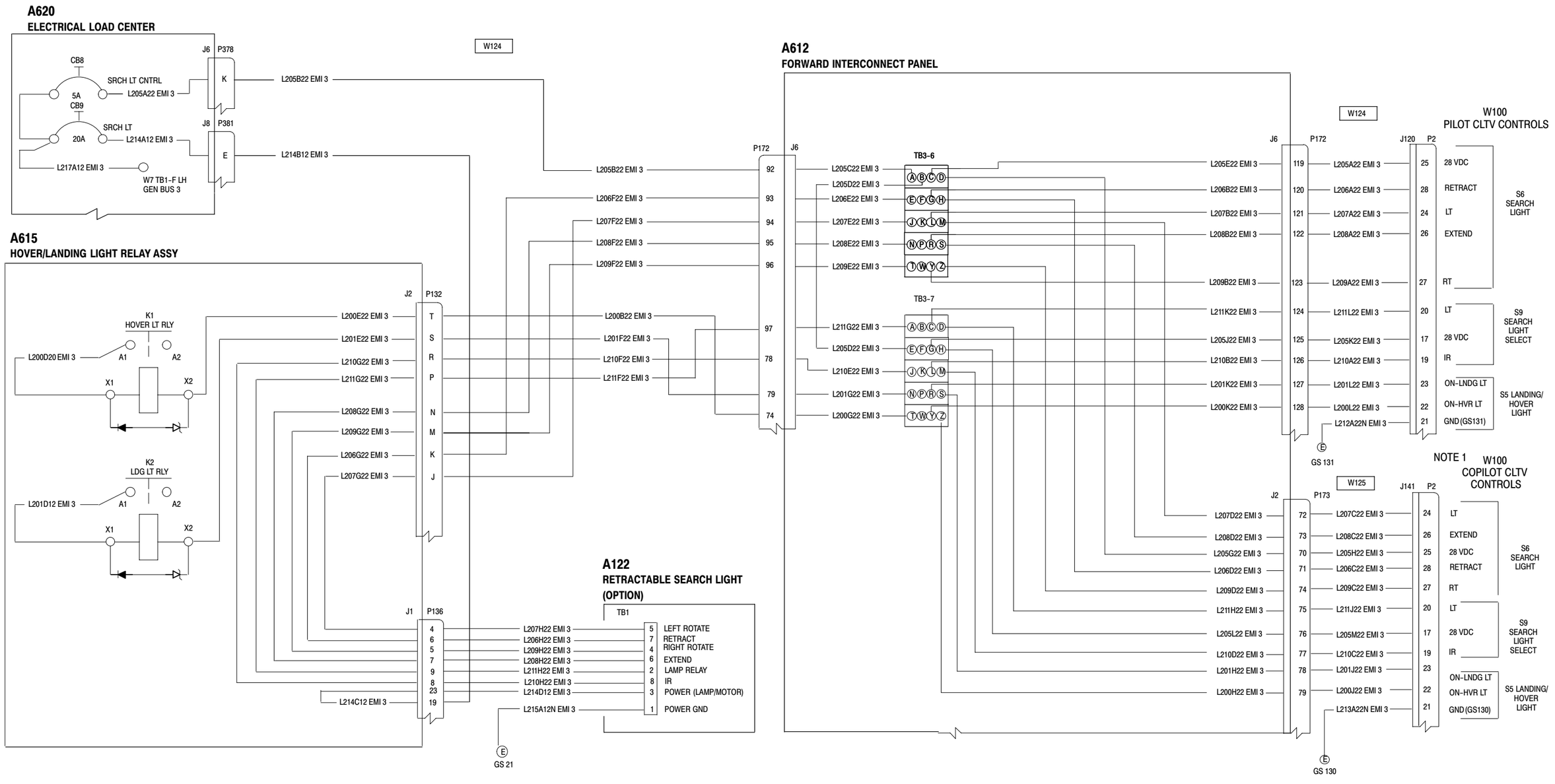

NOTE 1). REFERENCE COPILOT (QUICK RELEASE) COLLECTIVE STICK (OPTION)

9W40–042

Figure 25. Hover/Search Light Interconnect Wire Diagram (902 CONFIG, A615 Hover/Landing Light Relay Assembly)

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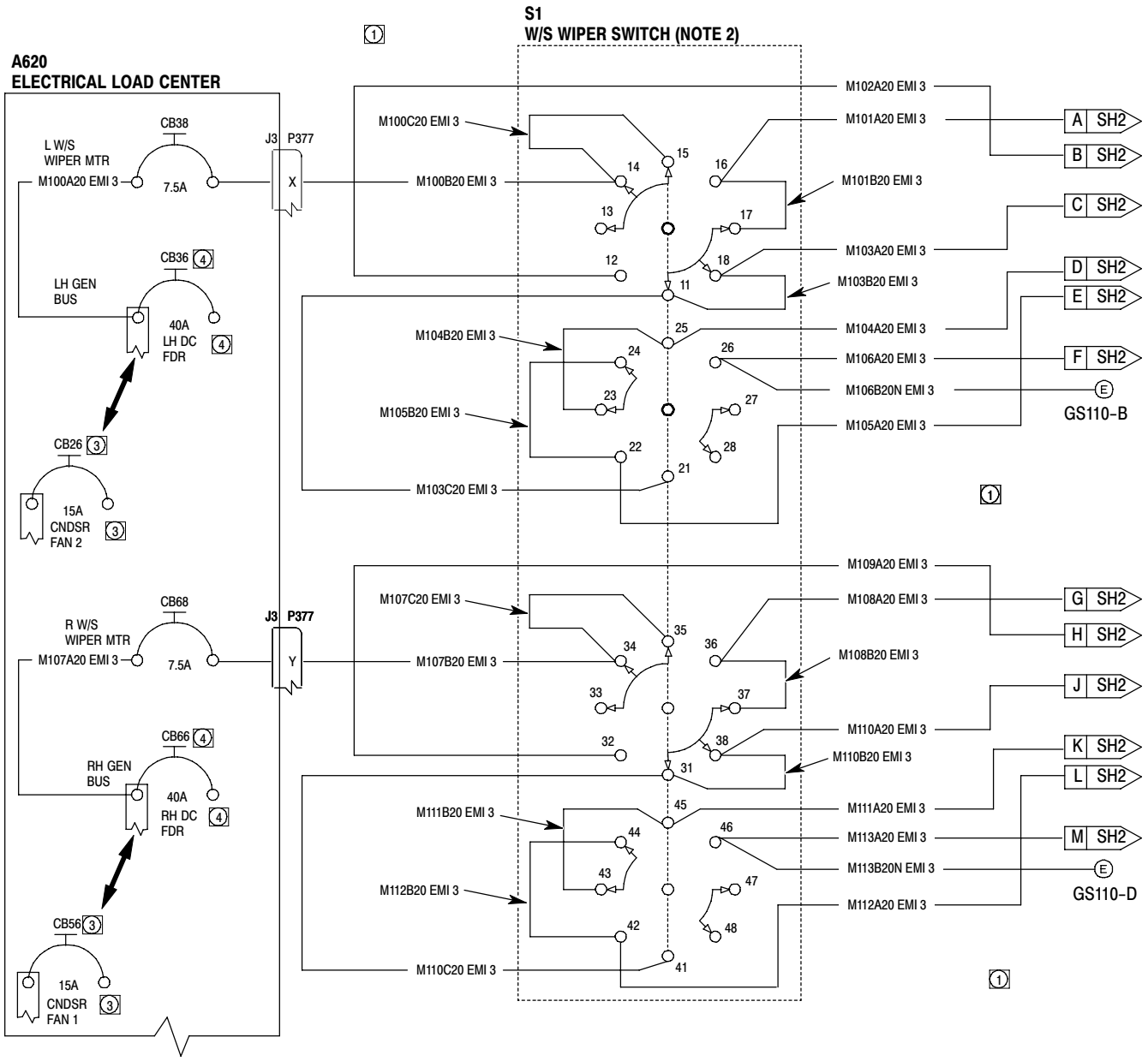


Figure 26. Windscreen Wipers Interconnect Wire Diagram (Sheet 1 of 5)

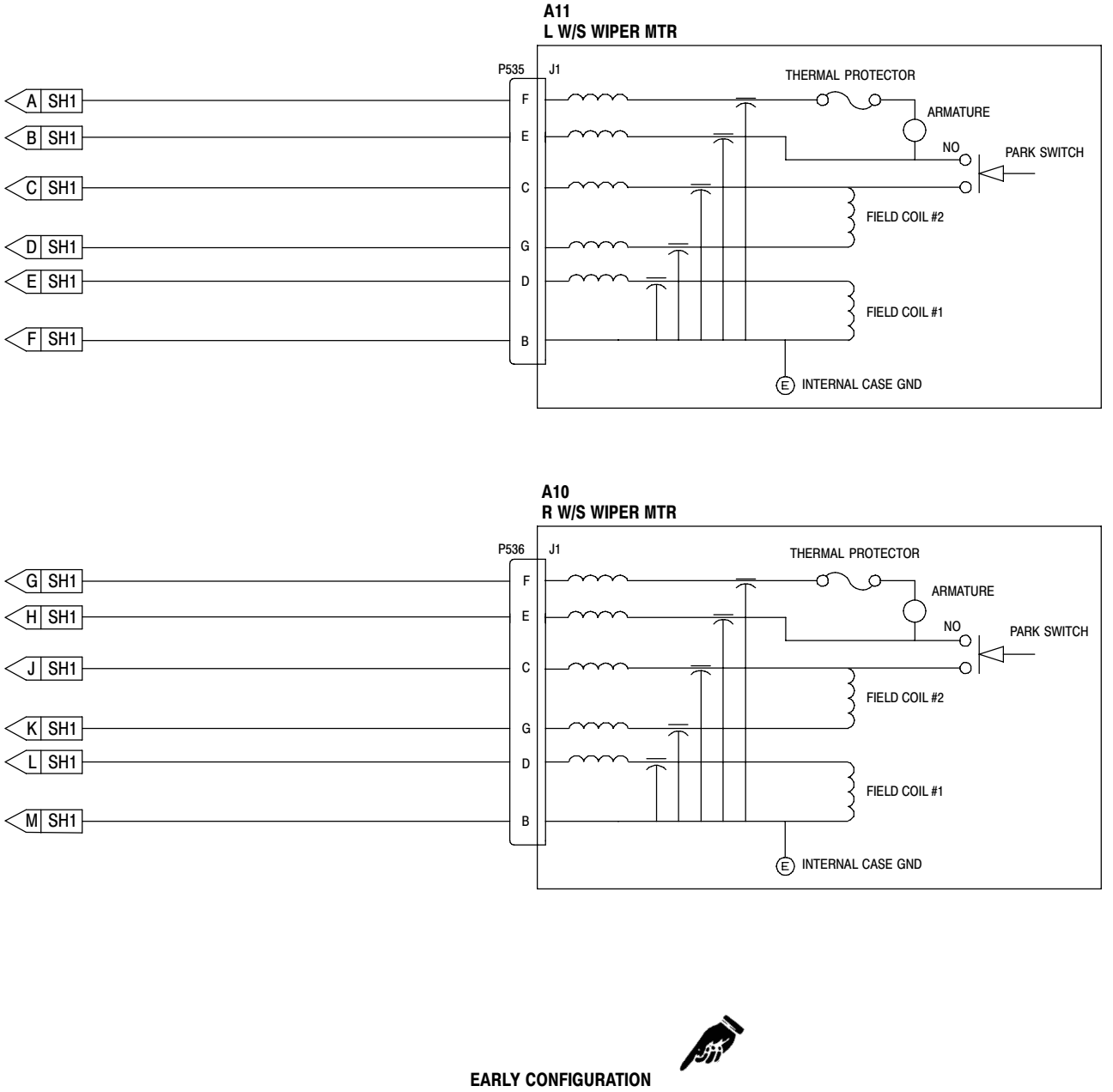
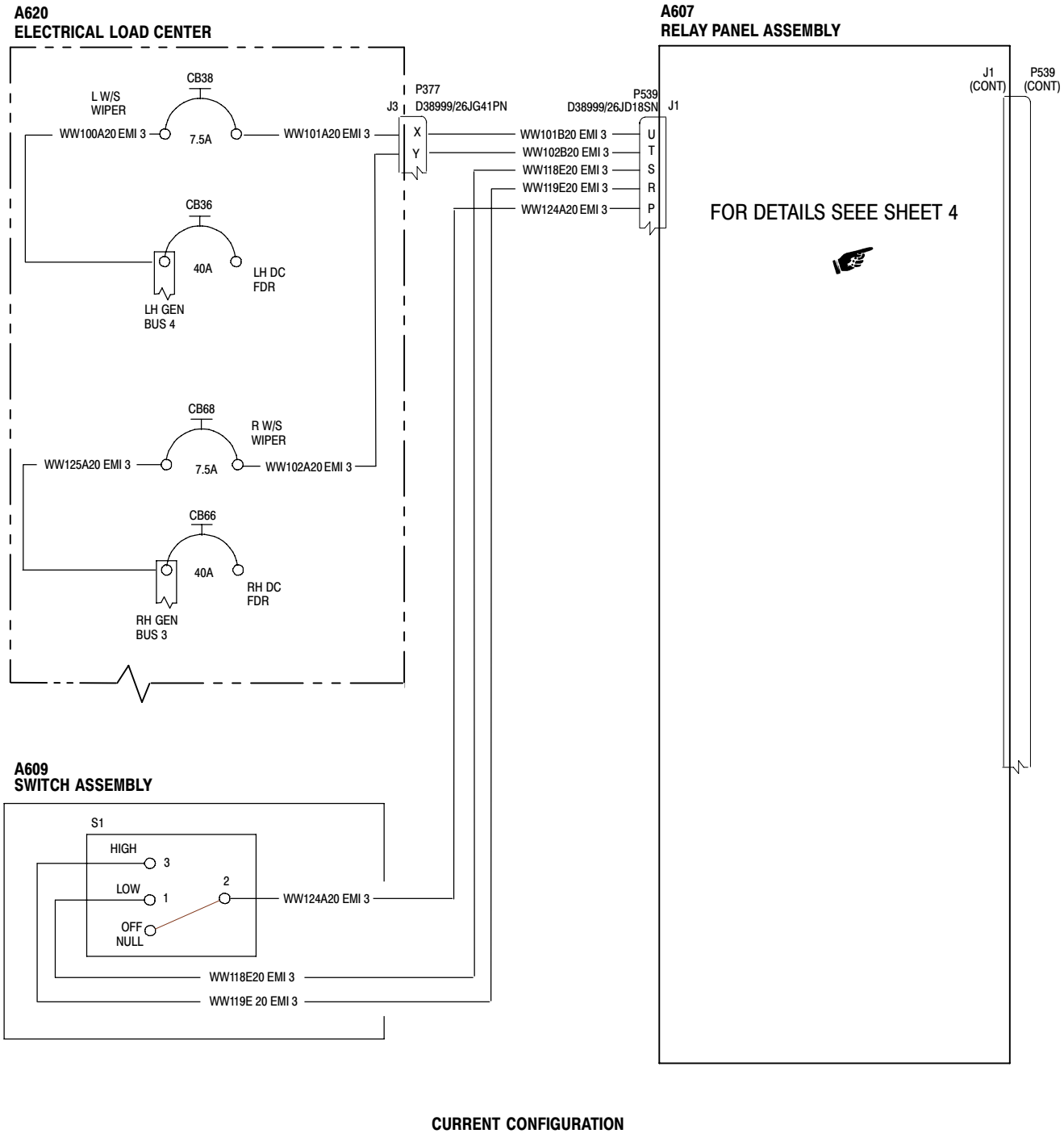


Figure 26. Windscreen Wipers Interconnect Wire Diagram (Sheet 2 of 5)



CURRENT CONFIGURATION

9W40-043-1

Figure 26. Windscreen Wipers Interconnect Wire Diagram (Sheet 3 of 5)

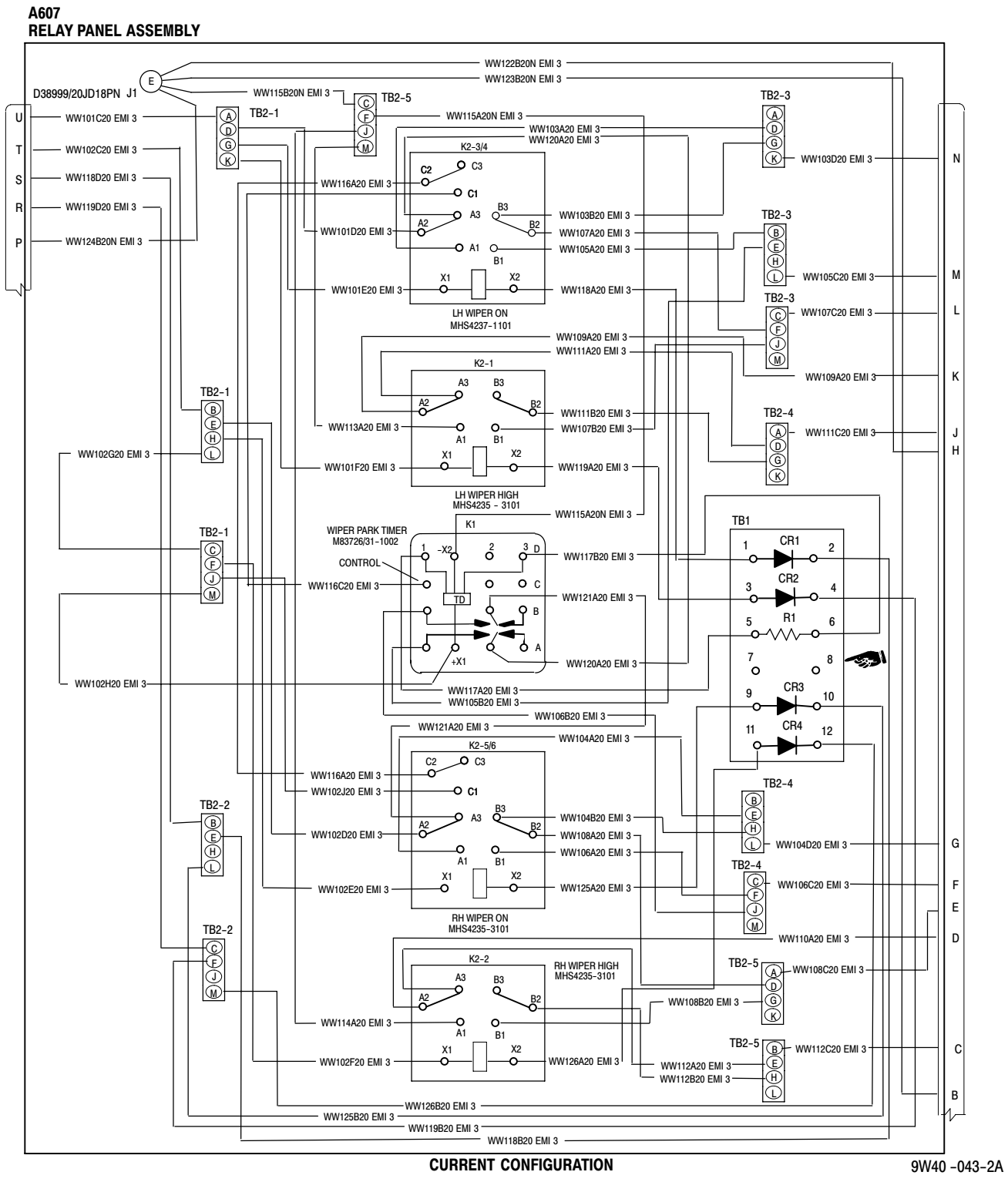


Figure 26. Windscreen Wipers Interconnect Wire Diagram (Sheet 4 of 5)

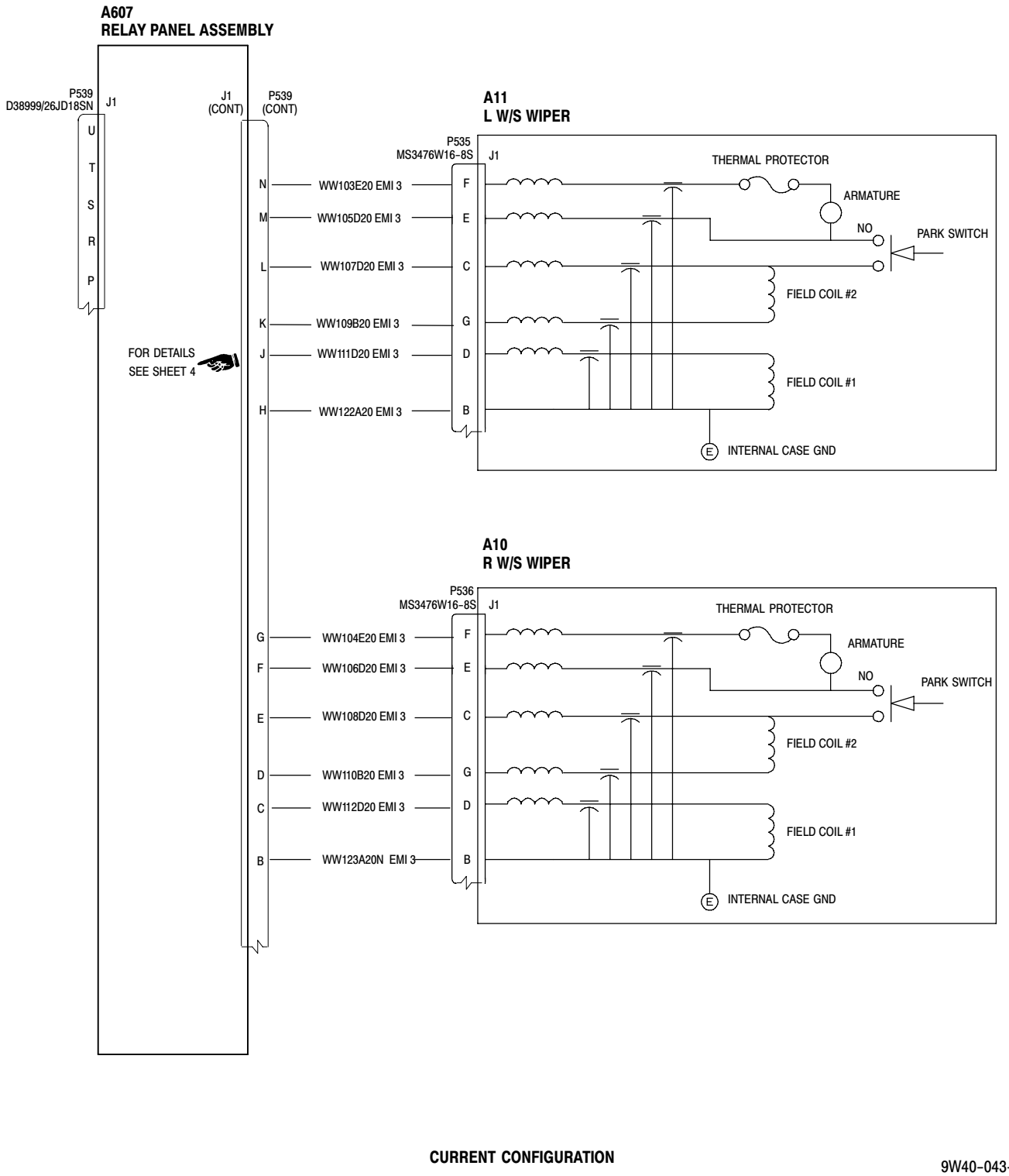
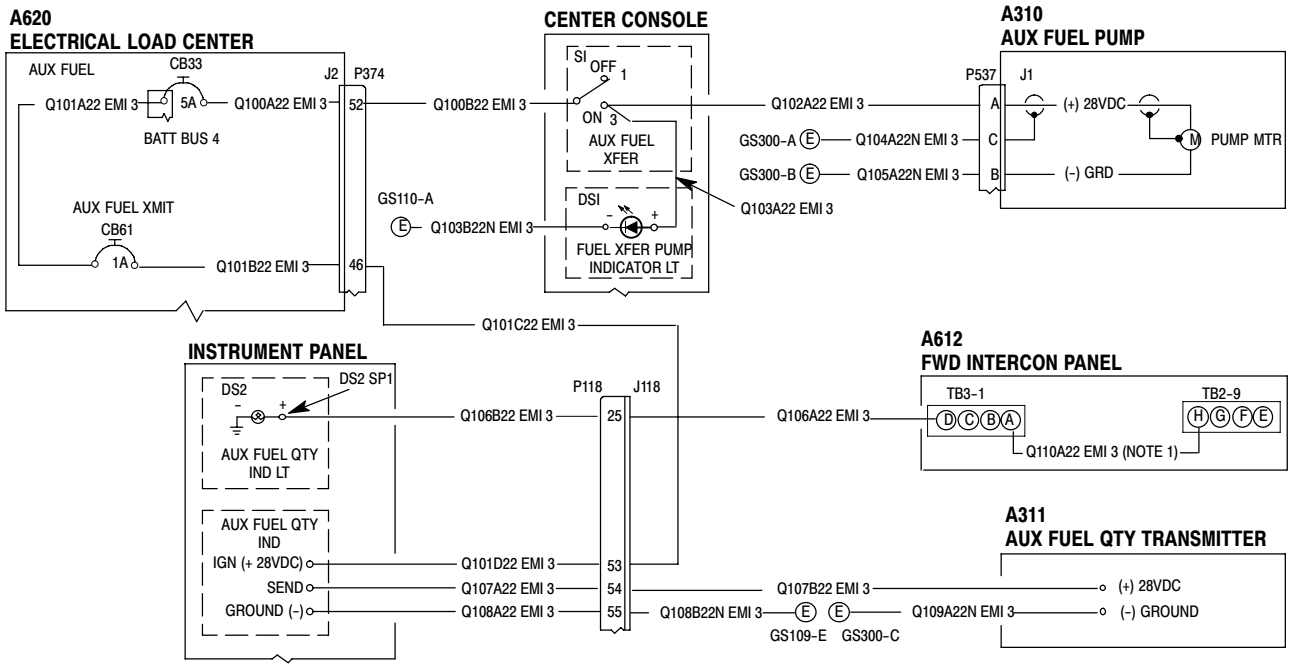


Figure 26. Windscreen Wipers Interconnect Wire Diagram (Sheet 5 of 5)



NOTES:
1. WIRE BETWEEN TB3-1A AND TB2-9H MAY BE DIFFERENT, DEPENDING ON OTHER INSTALLATIONS

9W40–035A

WIRE	LENGTH IN INCHES (CM)
Q100A22 EMI 3	36 (92)
Q100B22 EMI 3	240 (610)
Q101A22 EMI 3	18 (46)
Q101B22 EMI 3	36 (92)
Q101C22 EMI 3	240 (610)
Q101D22 EMI 3	96 (244)
Q102A22 EMI 3	300 (762)
Q103A22 EMI 3	48 (122)
Q103B22N EMI 3	48 (122)
Q104A22N EMI 3	72 (183)

WIRE	LENGTH IN INCHES (CM)
Q105A22N EMI 3	72 (183)
Q106A22 EMI 3	48 (122)
Q106B22 EMI 3	96 (244)
Q107A22 EMI 3	96 (244)
Q107B22 EMI 3	300 (762)
Q108A22 EMI 3	96 (244)
Q108B22N EMI 3	48 (122)
Q109A22N EMI 3	72 (183)
Q110A22 EMI 3	24 (61)

Figure 27. Supplemental Fuel System Interconnect Wire Diagram

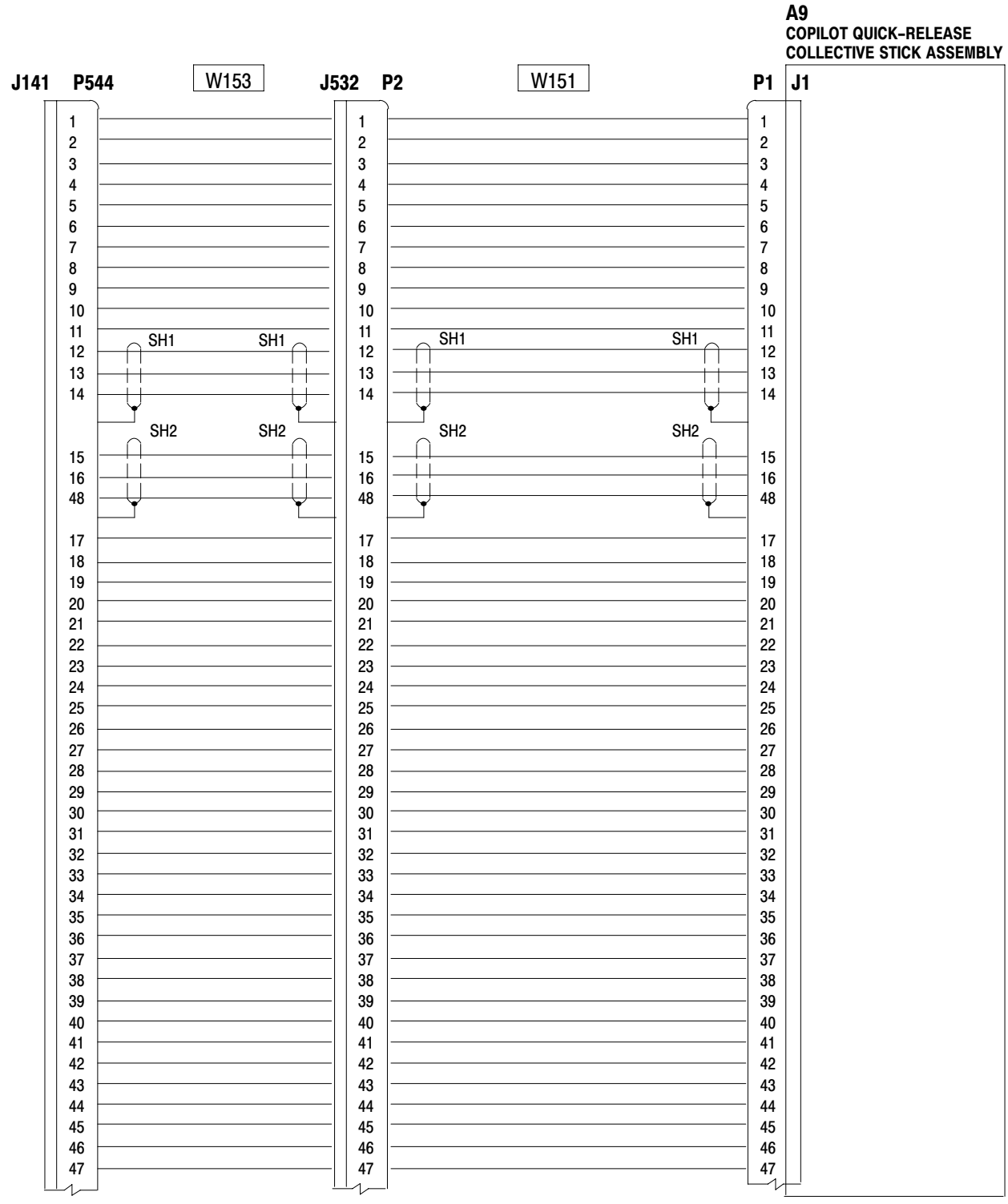


Figure 28. Copilot (Quick Release) Collective Stick Interconnect Wire Diagram

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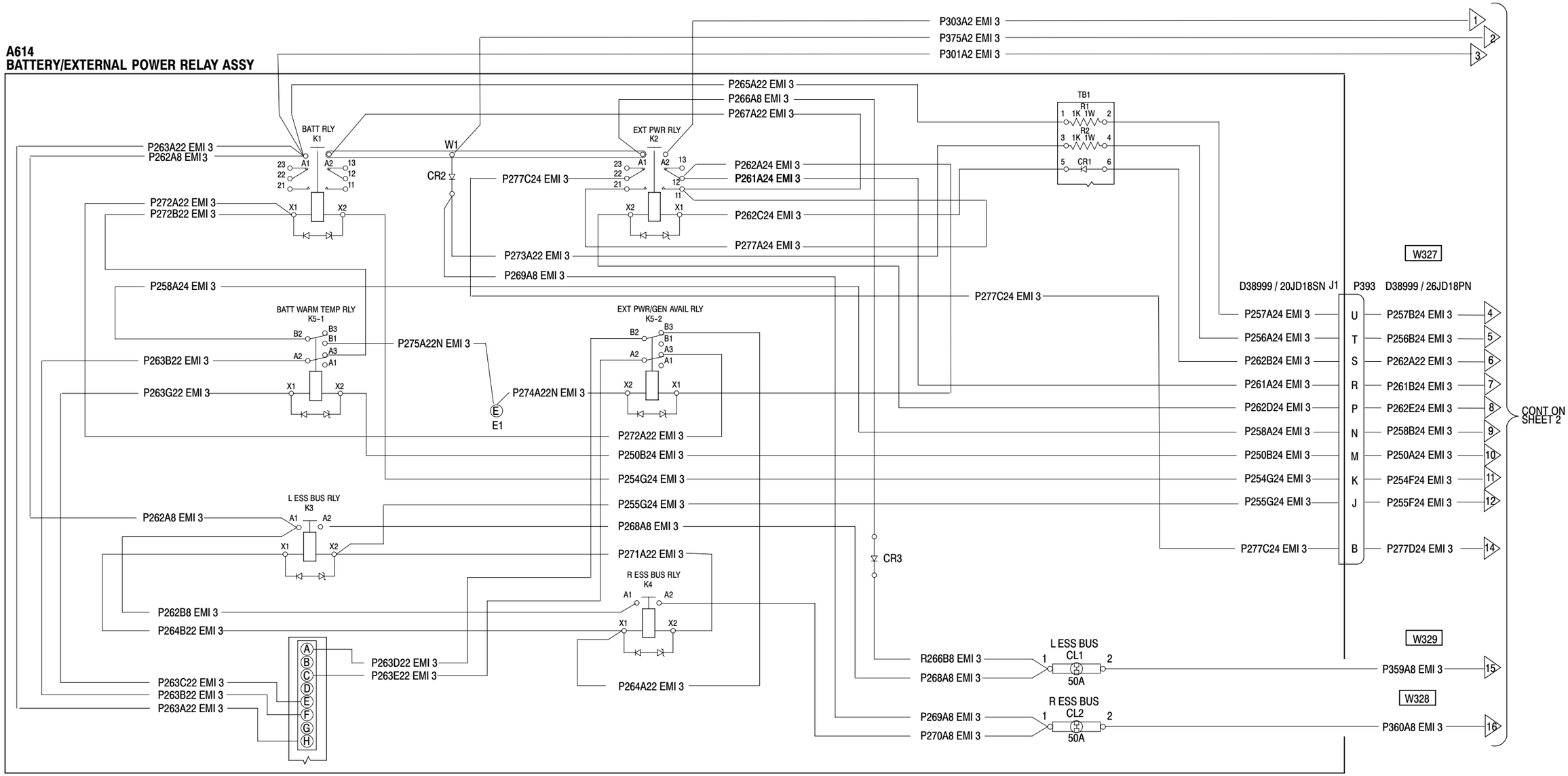

Figure 29. AFT Battery Installation Interconnect Wire Diagram (Sheet 1 of 3)

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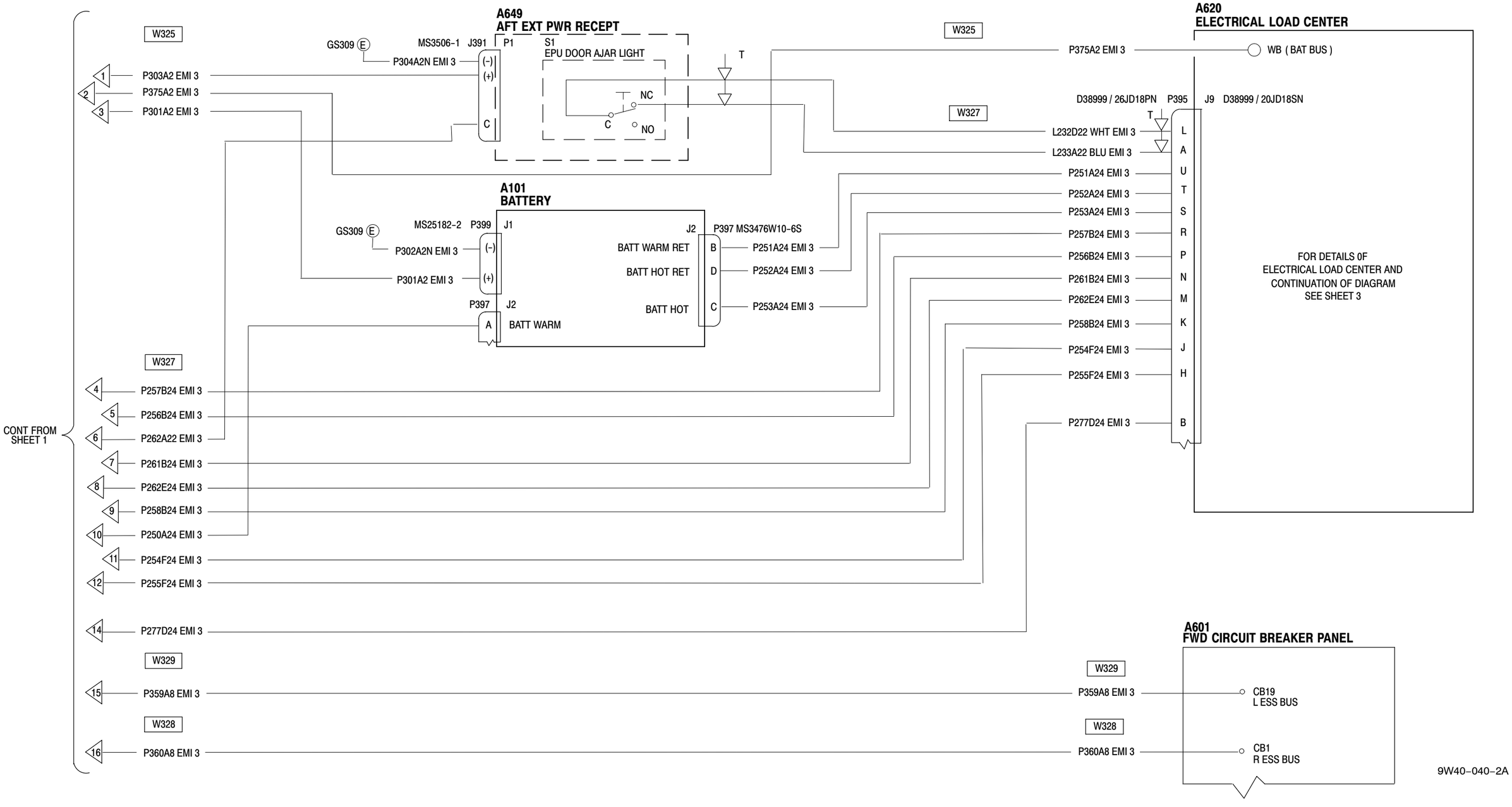

Figure 29. AFT Battery Installation Interconnect Wire Diagram (Sheet 2 of 3)

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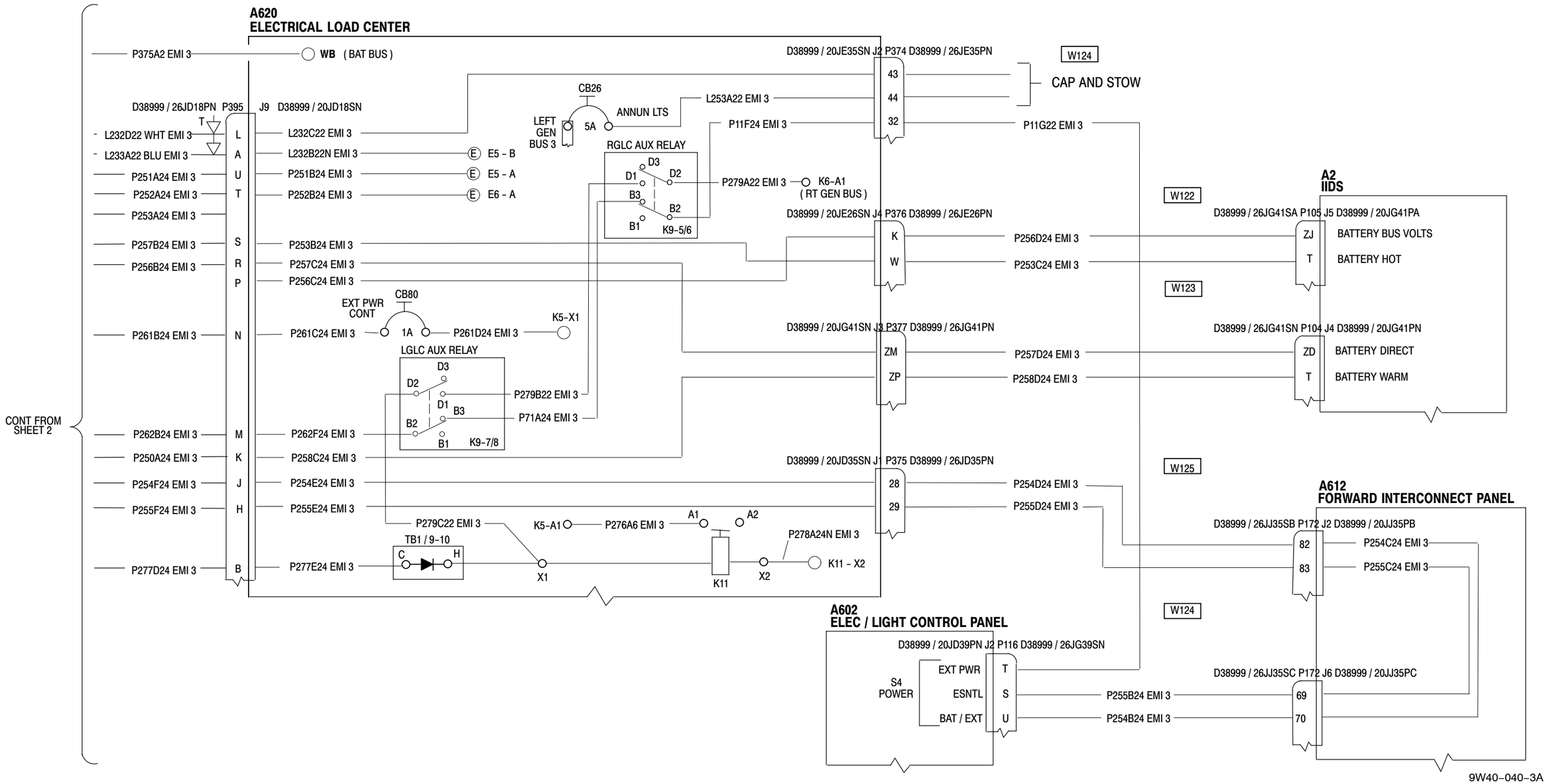

Figure 29. AFT Battery Installation Interconnect Wire Diagram (Sheet 3 of 3)

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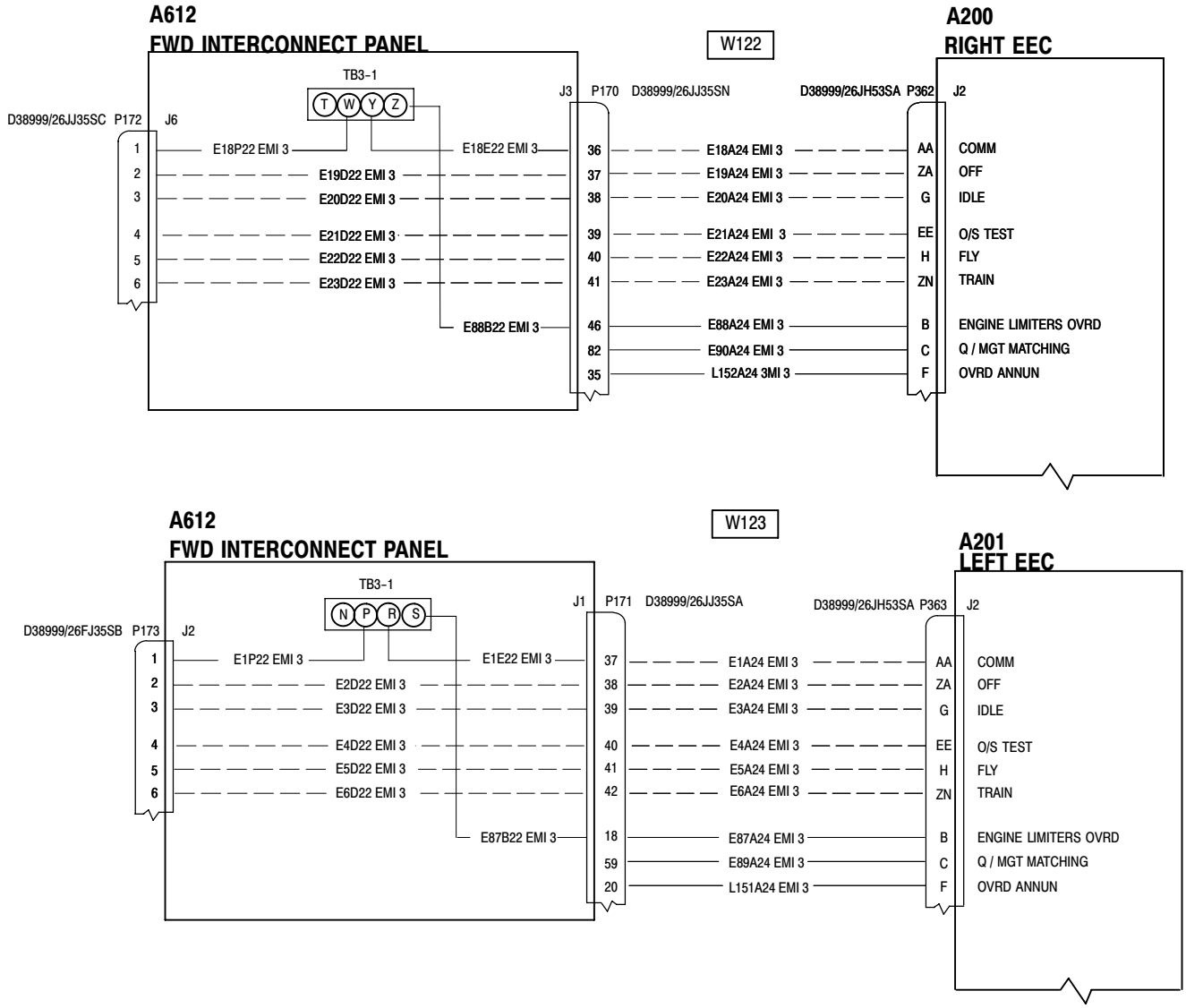


9W40–044

NOTES:
1. DASHED LINES INDICATE WIRES THAT EXIST BEFORE THE UPGRADE TO THE PRATT&WHITNEY 207E.

Figure 30. Engine Upgrade Modification (PW206A To PW207E) Interconnect Wire Diagram

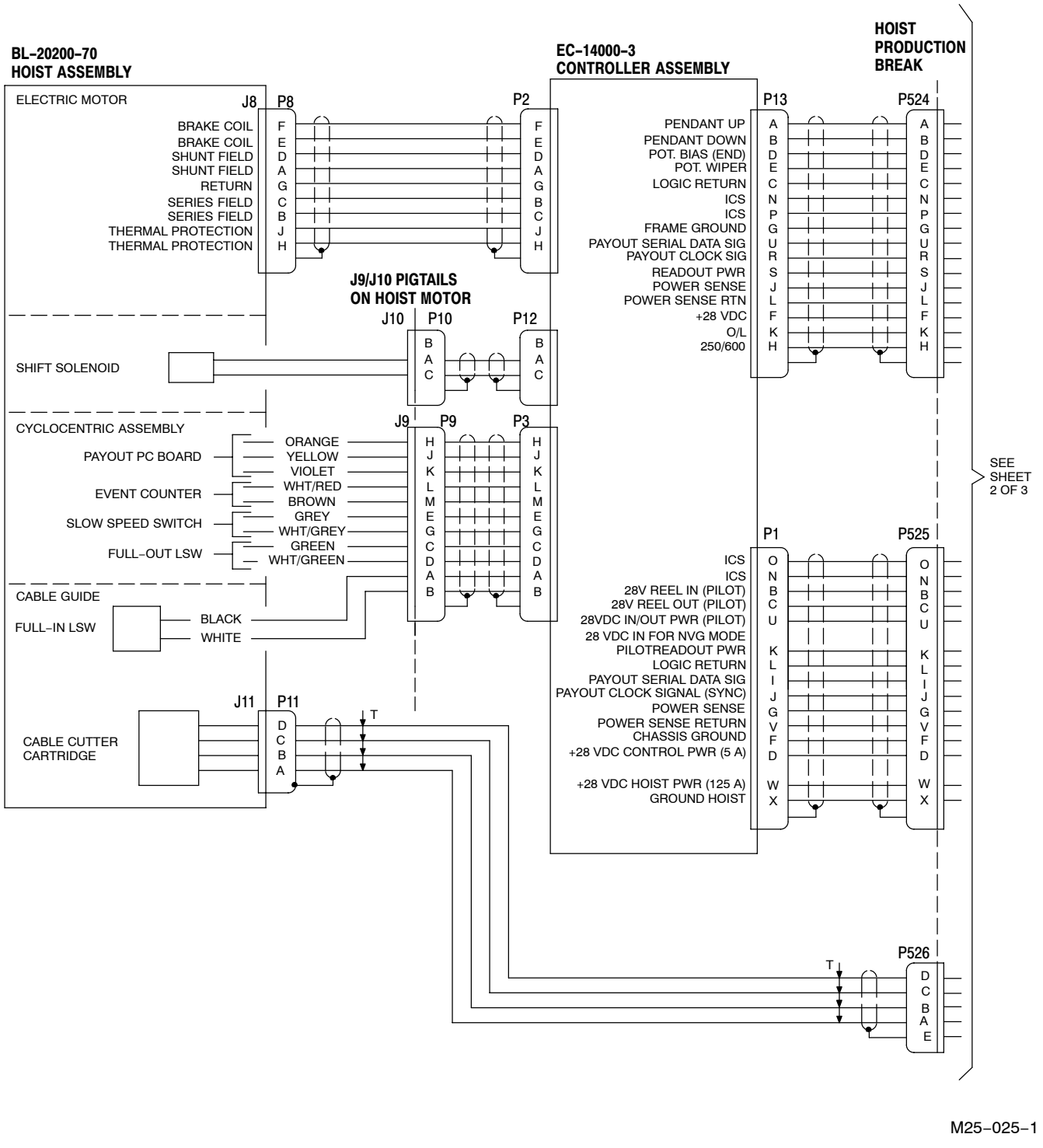
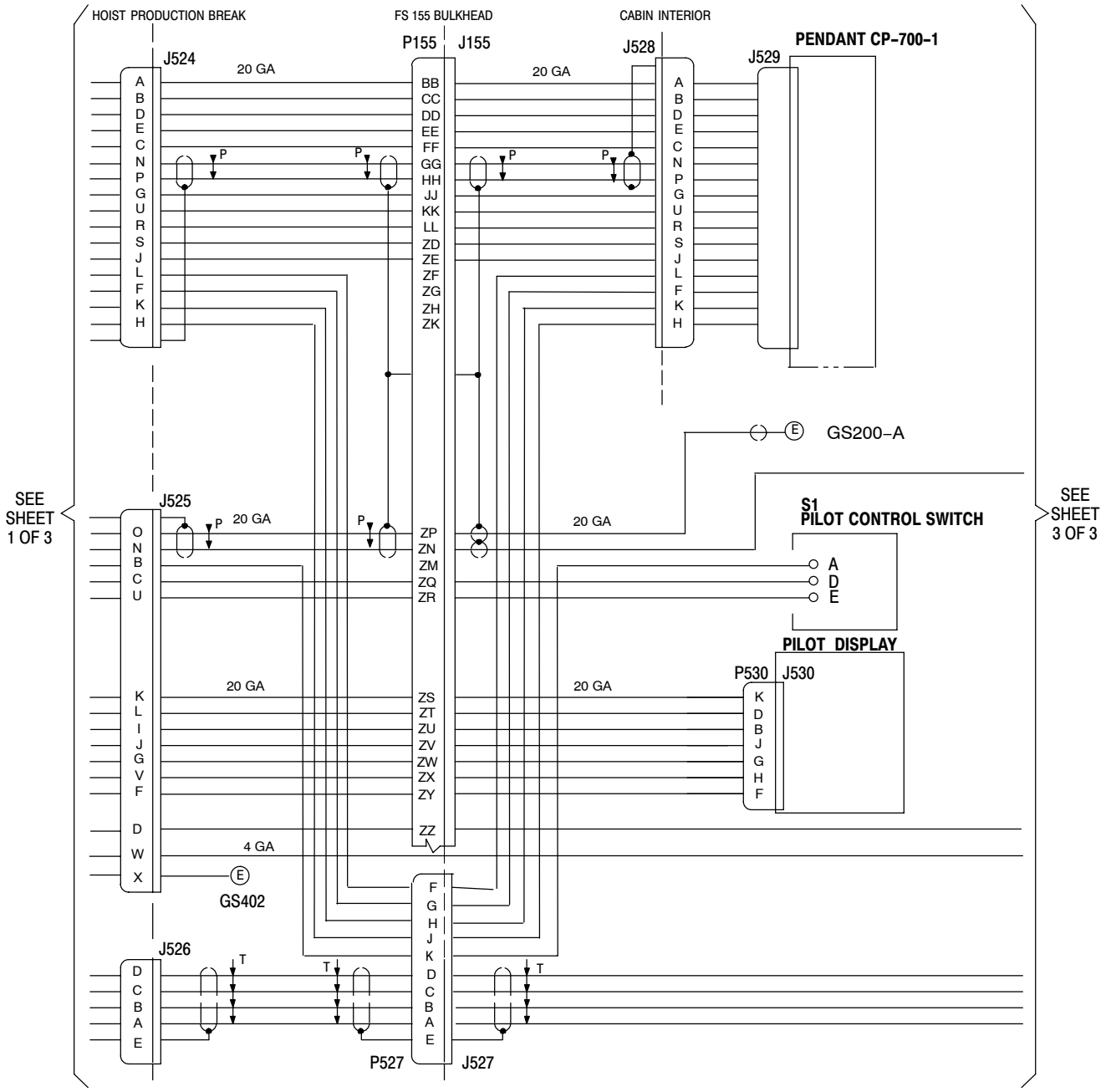


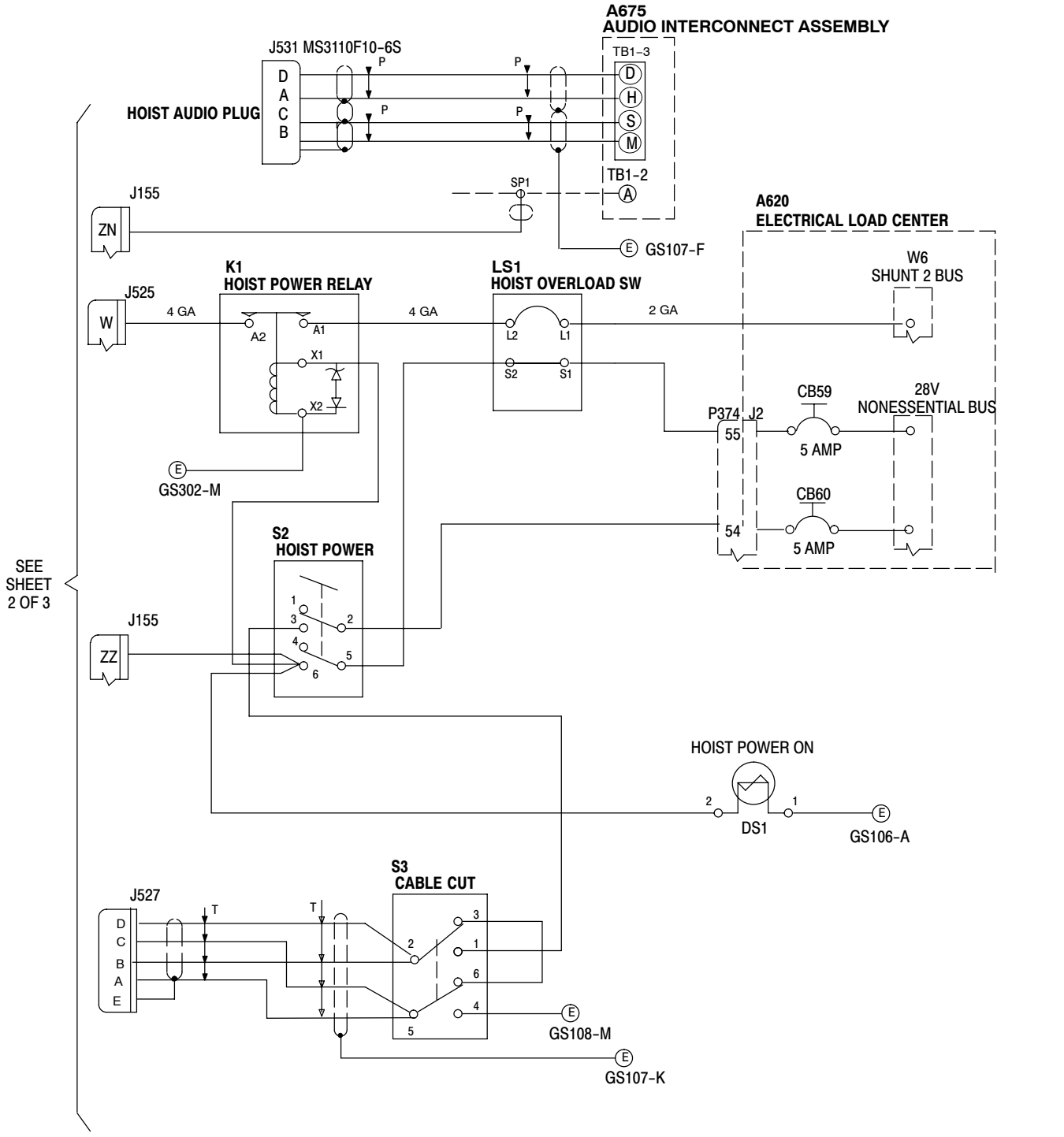
Figure 31. Emergency Hoist Interconnect Wire Diagram (1 of 3)



NOTE: WIRES ARE 22 GAUGE UNLESS NOTED OTHERWISE.

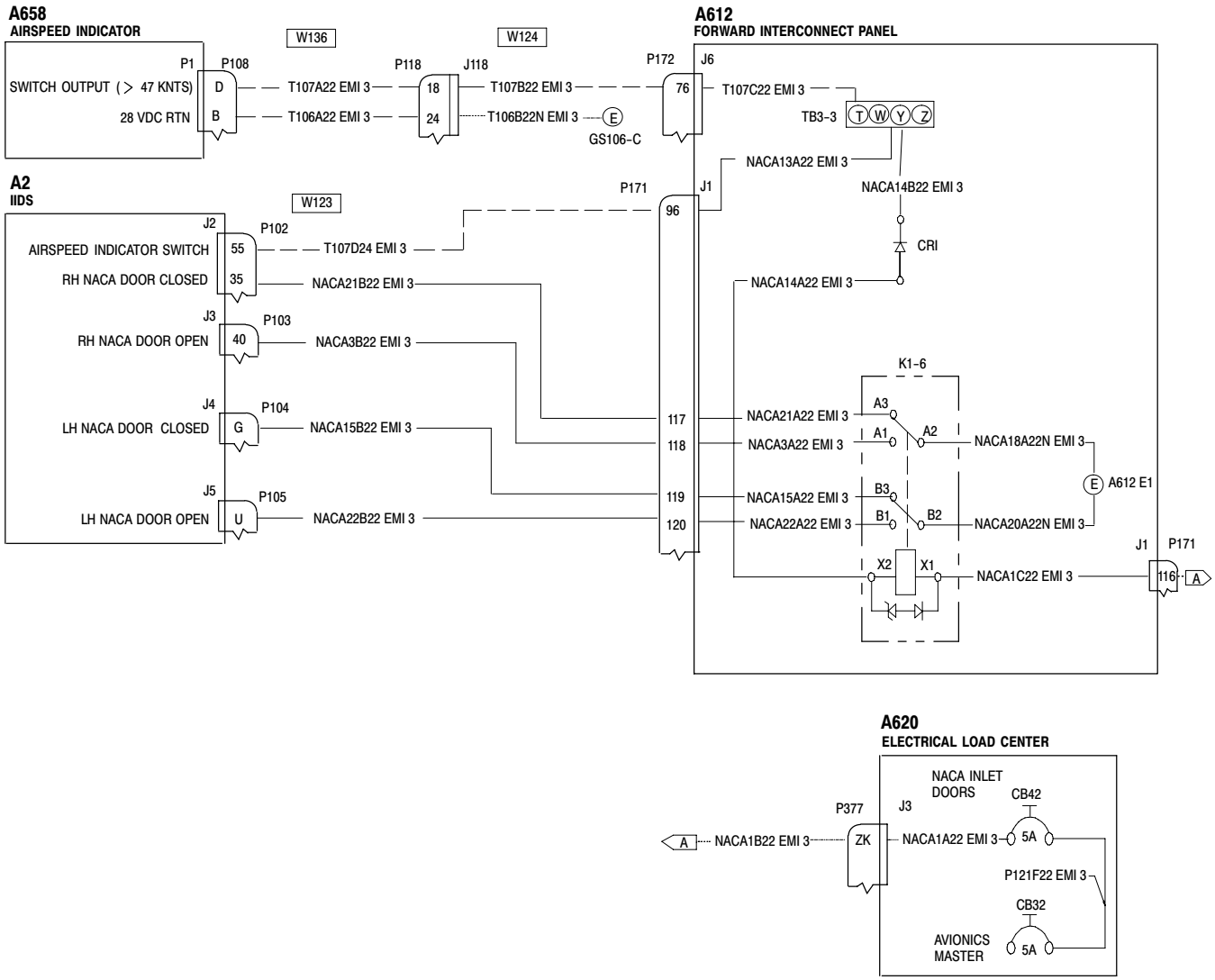
M25–025–2

Figure 31. Emergency Hoist Interconnect Wire Diagram (2 of 3)



NOTE: WIRES ARE 22 GAUGE UNLESS NOTED OTHERWISE. M25–025–3

Figure 31. Emergency Hoist Interconnect Wire Diagram (3 of 3)



NOTES:

1. WXXX WIRE HARNESS IDENTIFICATION.
   REFER TO WIRE HARNESS LOCATOR SECTION 98-30-00.
2. GSXXX-X GROUND TERMINAL MODULE.
3. GSXXX GROUND STUD.
4. (E) GROUND TERMINATION.
5. THIS MODIFICATION PREVENTS NACE DOOR MESSAGES ON AIRCRAFT WITHOUT NACA DOOR INSTALLED.

9W40-045

Figure 32. Modification To Prevent NACA Door Messages On Aircraft Without NACA Doors Installed

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Section

98–50–00

Wire List

WIRE LIST

HOW TO USE THE WIRE LIST

1. Wire List

The wire list has data for the repair of wires and terminations on the helicopter. Where applicable, the wire list has the data that follows:

- Connector identification at each end
- Termination location in the connector at each end
- Term code for terminations at each end (Ref. CSP–SPM)
- Wire length, shown in inches
- Wire size and type code (Ref. CSP–SPM)
- Helicopter serial number for each wire.

The wire list shows all wires from each end. Thus, each wire is shown two times.

2. Wire Identification

Refer to CSP–SPM for wire identification data.

3. EMI Categories

Refer to CSP–SPM for EMI catagory data.

4. Wire Type

Use the type code from the wire list to find the part number of replacement wire (Ref. CSP–SPM). You must use this data when replacement of wire is necessary.

5. Terminal Code

Use the term code from the wire list to find the part number of replacement terminals (Ref. CSP–SPM). You must use this data when replacement of terminals is necessary.

6. Terminal Tool

Use the term code from the wire list to find the correct crimp and removal/installation tool for wire terminals (Ref. CSP–SPM). You must use this data when maintenance of terminals is necessary.

Table 1. W100 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W100	P1	1	916	W1001A22 3	046	022	SY	P2	1	915	00012–99999
W100	P1	2	916	W1002A22 3	046	022	SY	P2	2	915	00012–99999
W100	P1	3	916	W1003A22 3	046	022	SY	P2	3	915	00012–99999
W100	P1	4	916	W1004A22 3	046	022	SY	P2	4	915	00012–99999
W100	P1	5	916	W1005A22 3	046	022	SY	P2	5	915	00012–99999
W100	P1	6	916	W1006A22 3	046	022	SY	P2	6	915	00012–99999
W100	P1	7	916	W1007A22 3	046	022	SY	P2	7	915	00012–99999
W100	P1	8	916	W1008A22 3	046	022	SY	P2	8	915	00012–99999
W100	P1	9	916	W1009A22 3	046	022	SY	P2	9	915	00012–99999
W100	P1	10	916	W10010A22 3	046	022	SY	P2	10	915	00012–99999
W100	P1	11	916	W10011A22 3	046	022	SY	P2	11	915	00012–99999
W100	P1	12	916	W10012A22 3ORN	046	022	SK	P2	12	915	00012–99999
W100	P1	13	916	W10013A22 3BLU	046	022	SK	P2	13	915	00012–99999
W100	P1	14	916	W10014A22 3WHT	046	022	SK	P2	14	915	00012–99999
W100	P1	15	916	W10015A22 3BLU	046	022	SK	P2	15	915	00012–99999
W100	P1	16	916	W10016A22 3WHT	046	022	SK	P2	16	915	00012–99999
W100	P1	17	916	W10017A22 3	046	022	SY	P2	17	915	00012–99999
W100	P1	18	916	W10018A22 3	046	022	SY	P2	18	915	00012–99999
W100	P1	19	916	W10019A22 3	046	022	SY	P2	19	915	00012–99999
W100	P1	20	916	W10020A22 3	046	022	SY	P2	20	915	00012–99999
W100	P1	21	916	W10021A22 3	046	022	SY	P2	21	915	00012–99999
W100	P1	22	916	W10022A22 3	046	022	SY	P2	22	915	00012–99999
W100	P1	23	916	W10023A22 3	046	022	SY	P2	23	915	00012–99999
W100	P1	24	916	W10024A22 3	046	022	SY	P2	24	915	00012–99999
W100	P1	25	916	W10025A22 3	046	022	SY	P2	25	915	00012–99999
W100	P1	26	916	W10026A22 3	046	022	SY	P2	26	915	00012–99999
W100	P1	27	916	W10027A22 3	046	022	SY	P2	27	915	00012–99999
W100	P1	28	916	W10028A22 3	046	022	SY	P2	28	915	00012–99999
W100	P1	29	916	W10029A22 3	046	022	SY	P2	29	915	00012–99999
W100	P1	30	916	W10030A22 3	046	022	SY	P2	30	915	00012–99999
W100	P1	31	916	W10031A22 3	046	022	SY	P2	31	915	00012–99999
W100	P1	32	916	W10032A22 3	046	022	SY	P2	32	915	00012–99999
W100	P1	33	916	W10033A22 3	046	022	SY	P2	33	915	00012–99999
W100	P1	34	916	W10034A22 3	046	022	SY	P2	34	915	00012–99999
W100	P1	35	916	W10035A22 3	046	022	SY	P2	35	915	00012–99999
W100	P1	36	916	W10036A22 3	046	022	SY	P2	36	915	00012–99999
W100	P1	37	916	W10037A22 3	046	022	SY	P2	37	915	00012–99999
W100	P1	38	916	W10038A22 3	046	022	SY	P2	38	915	00012–99999
W100	P1	39	916	W10039A22 3	046	022	SY	P2	39	915	00012–99999
W100	P1	40	916	W10040A22 3	046	022	SY	P2	40	915	00012–99999
W100	P1	41	916	W10041A22 3	046	022	SY	P2	41	915	00012–99999

Table 1. W100 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W100	P1	42	916	W10042A22 3	046	022	SY	P2	42	915	00012–99999
W100	P1	43	916	W10043A22 3	046	022	SY	P2	43	915	00012–99999
W100	P1	44	916	W10044A22 3	046	022	SY	P2	44	915	00012–99999
W100	P1	45	916	W10045A22 3	046	022	SY	P2	45	915	00012–99999
W100	P1	46	916	W10046A22 3	046	022	SY	P2	46	915	00012–99999
W100	P1	47	916	W10047A22 3	046	022	SY	P2	47	915	00012–99999
W100	P1	48	916	W10048A22 3ORN	046	022	SK	P2	48	915	00012–99999
W100	P1	A	765	W1001A22 3	046	022	SY	P2	1	915	00008–00011
W100	P1	B	765	W1002A22 3	046	022	SY	P2	2	915	00008–00011
W100	P1	C	765	W1003A22 3	046	022	SY	P2	3	915	00008–00011
W100	P1	E	765	W1004A22 3	046	022	SY	P2	4	915	00008–00011
W100	P1	F	765	W1005A22 3	046	022	SY	P2	5	915	00008–00011
W100	P1	G	765	W1006A22 3	046	022	SY	P2	6	915	00008–00011
W100	P1	H	765	W1007A22 3	046	022	SY	P2	7	915	00008–00011
W100	P1	J	765	W1008A22 3	046	022	SY	P2	8	915	00008–00011
W100	P1	K	765	W1009A22 3	046	022	SY	P2	9	915	00008–00011
W100	P1	L	765	W10010A22 3	046	022	SY	P2	10	915	00008–00011
W100	P1	M	765	W10011A22 3	046	022	SY	P2	11	915	00008–00011
W100	P1	N	765	W10012A22 3	046	022	SY	P2	12	915	00008–00011
W100	P1	P	765	W10013A22 3	046	022	SY	P2	13	915	00008–00011
W100	P1	R	765	W10014A22 3	046	022	SY	P2	14	915	00008–00011
W100	P1	S	765	W10015A22 3	046	022	SY	P2	15	915	00008–00011
W100	P1	T	765	W10016A22 3	046	022	SY	P2	16	915	00008–00011
W100	P1	U	765	W10017A22 3	046	022	SY	P2	17	915	00008–00011
W100	P1	V	765	W10018A22 3	046	022	SY	P2	18	915	00008–00011
W100	P1	W	765	W10019A22 3	046	022	SY	P2	19	915	00008–00011
W100	P1	ZC	765	W10020A22 3	046	022	SY	P2	20	915	00008–00011
W100	P1	ZD	765	W10021A22 3	046	022	SY	P2	21	915	00008–00011
W100	P1	ZE	765	W10022A22 3	046	022	SY	P2	22	915	00008–00011
W100	P1	ZF	765	W10023A22 3	046	022	SY	P2	23	915	00008–00011
W100	P1	ZG	765	W10024A22 3	046	022	SY	P2	24	915	00008–00011
W100	P1	ZH	765	W10025A22 3	046	022	SY	P2	25	915	00008–00011
W100	P1	ZI	765	W10026A22 3	046	022	SY	P2	26	915	00008–00011
W100	P1	ZJ	765	W10027A22 3	046	022	SY	P2	27	915	00008–00011
W100	P1	ZP	765	W10028A22 3	046	022	SY	P2	28	915	00008–00011
W100	P1	ZQ	765	W10029A22 3	046	022	SY	P2	1	915	00012–99999
W100	P2	1	915	W1001A22 3	046	022	SY	P1	1	916	00012–99999
W100	P2	1	915	W1001A22 3	046	022	SY	P1	A	765	00008–00011
W100	P2	2	915	W1002A22 3	046	022	SY	P1	2	916	00012–99999
W100	P2	2	915	W1002A22 3	046	022	SY	P1	B	765	00008–00011
W100	P2	3	915	W1003A22 3	046	022	SY	P1	3	916	00012–99999

Table 1. W100 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W100	P2	3	915	W1003A22 3	046	022	SY	P1	C	765	00008–00011
W100	P2	4	915	W1004A22 3	046	022	SY	P1	4	916	00012–99999
W100	P2	4	915	W1004A22 3	046	022	SY	P1	E	765	00008–00011
W100	P2	5	915	W1005A22 3	046	022	SY	P1	5	916	00012–99999
W100	P2	5	915	W1005A22 3	046	022	SY	P1	F	765	00008–00011
W100	P2	6	915	W1006A22 3	046	022	SY	P1	6	916	00012–99999
W100	P2	6	915	W1006A22 3	046	022	SY	P1	G	765	00008–00011
W100	P2	7	915	W1007A22 3	046	022	SY	P1	7	916	00012–99999
W100	P2	7	915	W1007A22 3	046	022	SY	P1	H	765	00008–00011
W100	P2	8	915	W1008A22 3	046	022	SY	P1	8	916	00012–99999
W100	P2	8	915	W1008A22 3	046	022	SY	P1	J	765	00008–00011
W100	P2	9	915	W1009A22 3	046	022	SY	P1	9	916	00012–99999
W100	P2	9	915	W1009A22 3	046	022	SY	P1	K	765	00008–00011
W100	P2	10	915	W10010A22 3	046	022	SY	P1	10	916	00012–99999
W100	P2	10	915	W10010A22 3	046	022	SY	P1	L	765	00008–00011
W100	P2	11	915	W10011A22 3	046	022	SY	P1	11	916	00012–99999
W100	P2	11	915	W10011A22 3	046	022	SY	P1	M	765	00008–00011
W100	P2	12	915	W10012A22 3ORN	046	022	SK	P1	12	916	00012–99999
W100	P2	12	915	W10012A22 3	046	022	SY	P1	N	765	00008–00011
W100	P2	13	915	W10013A22 3BLU	046	022	SK	P1	13	916	00012–99999
W100	P2	13	915	W10013A22 3	046	022	SY	P1	P	765	00008–00011
W100	P2	14	915	W10014A22 3WHT	046	022	SK	P1	14	916	00012–99999
W100	P2	14	915	W10014A22 3	046	022	SY	P1	R	765	00008–00011
W100	P2	15	915	W10015A22 3BLU	046	022	SK	P1	15	916	00012–99999
W100	P2	15	915	W10015A22 3	046	022	SY	P1	S	765	00008–00011
W100	P2	16	915	W10016A22 3WHT	046	022	SK	P1	16	916	00012–99999
W100	P2	16	915	W10016A22 3	046	022	SY	P1	T	765	00008–00011
W100	P2	17	915	W10017A22 3	046	022	SY	P1	17	916	00012–99999
W100	P2	17	915	W10017A22 3	046	022	SY	P1	U	765	00008–00011
W100	P2	18	915	W10018A22 3	046	022	SY	P1	18	916	00012–99999
W100	P2	18	915	W10018A22 3	046	022	SY	P1	V	765	00008–00011
W100	P2	19	915	W10019A22 3	046	022	SY	P1	19	916	00012–99999
W100	P2	19	915	W10019A22 3	046	022	SY	P1	W	765	00008–00011
W100	P2	20	915	W10020A22 3	046	022	SY	P1	20	916	00012–99999
W100	P2	20	915	W10020A22 3	046	022	SY	P1	ZC	765	00008–00011
W100	P2	21	915	W10021A22 3	046	022	SY	P1	21	916	00012–99999
W100	P2	21	915	W10021A22 3	046	022	SY	P1	ZD	765	00008–00011
W100	P2	22	915	W10022A22 3	046	022	SY	P1	22	916	00012–99999
W100	P2	22	915	W10022A22 3	046	022	SY	P1	ZE	765	00008–00011
W100	P2	23	915	W10023A22 3	046	022	SY	P1	23	916	00012–99999
W100	P2	23	915	W10023A22 3	046	022	SY	P1	ZF	765	00008–00011

Table 1. W100 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W100	P2	24	915	W10024A22 3	046	022	SY	P1	24	916	00012–99999
W100	P2	24	915	W10024A22 3	046	022	SY	P1	ZG	765	00008–00011
W100	P2	25	915	W10025A22 3	046	022	SY	P1	25	916	00012–99999
W100	P2	25	915	W10025A22 3	046	022	SY	P1	ZH	765	00008–00011
W100	P2	26	915	W10026A22 3	046	022	SY	P1	26	916	00012–99999
W100	P2	26	915	W10026A22 3	046	022	SY	P1	ZI	765	00008–00011
W100	P2	27	915	W10027A22 3	046	022	SY	P1	27	916	00012–99999
W100	P2	27	915	W10027A22 3	046	022	SY	P1	ZJ	765	00008–00011
W100	P2	28	915	W10028A22 3	046	022	SY	P1	28	916	00012–99999
W100	P2	28	915	W10028A22 3	046	022	SY	P1	ZP	765	00008–00011
W100	P2	29	915	W10029A22 3	046	022	SY	P1	29	916	00012–99999
W100	P2	29	915	W10029A22 3	046	022	SY	P1	ZQ	765	00008–00011
W100	P2	30	915	W10030A22 3	046	022	SY	P1	30	916	00012–99999
W100	P2	31	915	W10031A22 3	046	022	SY	P1	31	916	00012–99999
W100	P2	32	915	W10032A22 3	046	022	SY	P1	32	916	00012–99999
W100	P2	33	915	W10033A22 3	046	022	SY	P1	33	916	00012–99999
W100	P2	34	915	W10034A22 3	046	022	SY	P1	34	916	00012–99999
W100	P2	35	915	W10035A22 3	046	022	SY	P1	35	916	00012–99999
W100	P2	36	915	W10036A22 3	046	022	SY	P1	36	916	00012–99999
W100	P2	37	915	W10037A22 3	046	022	SY	P1	37	916	00012–99999
W100	P2	38	915	W10038A22 3	046	022	SY	P1	38	916	00012–99999
W100	P2	39	915	W10039A22 3	046	022	SY	P1	39	916	00012–99999
W100	P2	40	915	W10040A22 3	046	022	SY	P1	40	916	00012–99999
W100	P2	41	915	W10041A22 3	046	022	SY	P1	41	916	00012–99999
W100	P2	42	915	W10042A22 3	046	022	SY	P1	42	916	00012–99999
W100	P2	43	915	W10043A22 3	046	022	SY	P1	43	916	00012–99999
W100	P2	44	915	W10044A22 3	046	022	SY	P1	44	916	00012–99999
W100	P2	45	915	W10045A22 3	046	022	SY	P1	45	916	00012–99999
W100	P2	46	915	W10046A22 3	046	022	SY	P1	46	916	00012–99999
W100	P2	47	915	W10047A22 3	046	022	SY	P1	47	916	00012–99999
W100	P2	48	915	W10048A22 3ORN	046	022	SK	P1	48	916	00012–99999
W100	P2	Case	126	W10014B22 3	006	022	ZZ	P2	SH 1	830	00012–99999
W100	P2	Case	126	W10048B22 3	006	022	ZZ	P2	SH 2	830	00012–99999
W100	P2	SH 1	830	W10014B22 3	006	022	ZZ	P2	Case	126	00012–99999
W100	P2	SH 2	830	W10048B22 3	006	022	ZZ	P2	Case	126	00012–99999

Table 2. W101 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W101	A627K3	A 1	198	W1012A02 2	236	002	UM	A649TB3	14	198	00001–99999
W101	A627K4	A 1	198	W1011A02 2	236	002	UM	A649TB3	13	198	00001–99999
W101	A649TB3	13	198	W1011A02 2	236	002	UM	A627K4	A 1	198	00001–99999
W101	A649TB3	14	198	W1012A02 2	236	002	UM	A627K3	A 1	198	00001–99999

Table 3. W103 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W103	A603ROW1		261	W10111A12 2	046	012	GV	A649TB3	8	112	00001–99999
W103	A603ROW2		261	W10112A12 2	046	012	GV	A649TB3	9	112	00001–99999
W103	A603ROW3		261	W10113A12 2	046	012	GV	A649TB3	10	112	00001–99999
W103	A603ROW4		261	W10114A12 2	046	012	GV	A649TB3	11	112	00001–99999
W103	A603ROW5		261	W10116A12 2	046	012	GV	A649TB2	4	112	00001–99999
W103	A603ROW6		261	W10115A10 2	046	010	SY	A649TB1	4	112	00001–99999
W103	A603ROW7		261	W10117A12 2	046	012	GV	A649TB2	3	112	00001–99999
W103	A605ROW2		261	W10110A10 2	046	010	SY	A649TB1	5	112	00001–99999
W103	A605ROW3		261	W1018A12 2	046	012	GV	A649TB3	4	112	00001–99999
W103	A625K1	A 1	198	A6251A02 2	040	002	UM	P1	POS		00001–99999
W103	A625K1	A 2	198	W1013A02 2	050	002	UM	A649TB3	16	198	00001–99999
W103	A625K2	A 2	198	W1014A02 2	050	002	UM	A649TB2	2	198	00001–99999
W103	A631BOT		261	W1017A12 2	072	012	GV	A649TB3	5	112	00001–99999
W103	A631MID		262	W1016A16 2	072	016	GV	A649TB3	6	108	00001–99999
W103	A631TOP		261	W1015A12 2	072	012	GV	A649TB3	7	112	00001–99999
W103	A643K13	A 1	112	W103133A12 2	040	012	GV	J127	D	925	00001–99999
W103	A643K13	A 1	112	W103134A12 2	040	012	GV	J127	E	925	00001–99999
W103	A643K13	A 2	261	W103131A12 2	040	012	GV	A649TB3	2	112	00001–99999
W103	A643K13	A 2	261	W103132A12 2	040	012	GV	A649TB3	3	112	00001–99999
W103	A649TB1	4	112	W10115A10 2	046	010	SY	A603ROW6		261	00001–99999
W103	A649TB1	5	112	W10110A10 2	046	010	SY	A605ROW2		261	00001–99999
W103	A649TB2	2	198	W1014A02 2	050	002	UM	A625K2	A 2	198	00001–99999
W103	A649TB2	3	112	W10117A12 2	046	012	GV	A603ROW7		261	00001–99999
W103	A649TB2	4	112	W10116A12 2	046	012	GV	A603ROW5		261	00001–99999
W103	A649TB3	1	108	W10372A16 2	042	016	GV	P125	C 1	767	00001–99999
W103	A649TB3	2	112	W103131A12 2	040	012	GV	A643K13	A 2	261	00001–99999
W103	A649TB3	3	112	W103132A12 2	040	012	GV	A643K13	A 2	261	00001–99999
W103	A649TB3	4	112	W1018A12 2	046	012	GV	A605ROW3		261	00001–99999
W103	A649TB3	5	112	W1017A12 2	072	012	GV	A631BOT		261	00001–99999
W103	A649TB3	6	108	W1016A16 2	072	016	GV	A631MID		262	00001–99999
W103	A649TB3	7	112	W1015A12 2	072	012	GV	A631TOP		261	00001–99999
W103	A649TB3	8	112	W10111A12 2	046	012	GV	A603ROW1		261	00001–99999
W103	A649TB3	9	112	W10112A12 2	046	012	GV	A603ROW2		261	00001–99999
W103	A649TB3	10	112	W10113A12 2	046	012	GV	A603ROW3		261	00001–99999
W103	A649TB3	11	112	W10114A12 2	046	012	GV	A603ROW4		261	00001–99999
W103	A649TB3	16	198	W1013A02 2	050	002	UM	A625K1	A 2	198	00001–99999
W103	GS10		194	A6252A02N 2	042	002	UM	P1	NEG		00001–99999
W103	GS101	A	905	W10396A20N 2	043	020	GV	J126	J	917	00001–99999
W103	GS101	B	905	A6113A20N 2	048	020	GV	P124	ZS	918	00001–99999
W103	GS101	C	905	W103125A20N 2	062	020	GV	J130	X	922	00001–99999
W103	GS101	D	905	W103123A20N 2	070	020	GV	J116	T	918	00001–99999

Table 3. W103 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W103	GS101	E	905	W103159A20N 2	066	020	GV	J129	ZP	918	00001–99999
W103	GS101	F	905	W103126A20N 2	075	020	GV	J122	P	918	00001–99999
W103	GS101	G	905	W103118A20N 2	066	020	GV	J117	Y	917	00001–99999
W103	GS101	H	905	W103124A20N 2	066	020	GV	J118	Y	917	00001–99999
W103	GS101	J	905	W103169A20N 2	036	020	GV	P121	C	918	00001–99999
W103	GS101	K	905	W103170A20N 2	036	020	GV	P121	G	918	00001–99999
W103	GS101	L	905	W103171A20N 2	036	020	GV	P121	L	918	00001–99999
W103	GS101	M	905	W103172A20N 2	036	020	GV	P121	R	918	00001–99999
W103	GS102	A	905	W103182A20N 2	056	020	GV	W103 SP18		905	00001–99999
W103	GS102	B	905	W103185A22N 2	075	022	GV	W103 SP4		904	00001–99999
W103	GS102	C	905	W103187A22N 2	075	022	GV	W103 SP6		904	00001–99999
W103	GS102	D	905	W103189A22N 2	075	022	GV	W103 SP8		904	00001–99999
W103	GS102	E	905	W103199A22N 2	076	022	GV	P109	A 3	905	00001–99999
W103	GS102	F	905	W103209A22N 2	076	022	GV	P110	A 3	905	00001–99999
W103	GS102	G	905	W103306A22N 2	075	022	GV	W103 SP2		904	00001–99999
W103	GS103	A	905	W103232A22N 2	075	022	GV	W103 SP10		904	00001–99999
W103	GS103	B	905	W103234A22N 2	075	022	GV	W103 SP12		904	00001–99999
W103	GS103	C	905	W103236A22N 2	075	022	GV	W103 SP14		904	00001–99999
W103	GS103	D	905	W103219A22N 2	076	022	GV	P133	A 3	905	00001–99999
W103	GS103	E	905	W103229A22N 2	076	022	GV	P134	A 3	905	00001–99999
W103	GS103	H	905	W1033B22N 2	070	022	GV	J116	R	918	00001–99999
W103	GS103	J	905	W10315A22N 2	066	022	GV	J129	V	918	00001–99999
W103	GS104	A	905	W20790B20N 2	095	020	GV	J119	C 5	765	00001–99999
W103	GS104	B	905	W20775B22N 2	095	022	GV	J119	C 9	765	00001–99999
W103	GS104	C	905	W103122B22N 2	070	022	GV	J116	ZB	918	00001–99999
W103	GS104	D	905	W20758B22N 2	095	022	GV	J119	B 8	916	00001–99999
W103	GS104	E	905	W10341A22N 2	075	022	GV	W103 SP19			00001–99999
W103	GS104	G	905	W10327A20N 2	075	020	GV	J122	B	918	00001–99999
W103	GS104	H	905	W103231B20N 2	048	020	GV	P124	ZG	918	00001–99999
W103	GS105	A	905	W2075B20N 2	048	020	GV	J119	D 5	765	00001–99999
W103	GS105	B	905	W2077B20N 2	048	020	GV	J119	D 6	765	00001–99999
W103	GS105	C	905	W23073C22N 2	048	022	GV	J120	C 2	765	00001–99999
W103	GS105	D	905	W23076C22N 3	048	022	GV	J120	C 4	765	00001–99999
W103	GS105	E	905	W23068C22N 3	048	022	GV	J120	C 6	765	00001–99999
W103	GS105	F	905	W21121C22N 3	048	022	GV	J120	C 8	765	00001–99999
W103	GS105	G	905	W21117B22N 2	020	022	GV	J207	A16	916	00001–99999
W103	GS105	H	905	W20780B22N 2	048	022	GV	J119	B10	916	00001–99999
W103	GS106	A	905	W2076B20N 2	048	020	GV	J119	D 7	765	00001–99999
W103	GS106	B	905	W2078B20N 2	048	020	GV	J119	D 8	765	00001–99999
W103	GS106	C	905	W23071C22N 2	048	022	GV	J120	C 1	765	00001–99999
W103	GS106	D	905	W23075C22N 3	048	022	GV	J120	C 3	765	00001–99999

Table 3. W103 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W103	GS106	E	905	W23069C22N 3	048	022	GV	J120	C 5	765	00001–99999
W103	GS106	F	905	W23070C22N 3	048	022	GV	J120	C 7	765	00001–99999
W103	GS106	G	905	W21114B22N 2	020	022	GV	J207	A12	916	00001–99999
W103	GS106	H	905	W21115B22N 2	020	022	GV	J207	A14	916	00001–99999
W103	GS107	A	905	A6458B22N 2	012	022	GV	P147	A 8	916	00001–99999
W103	GS107	B	905	A64512B22N 2	012	022	GV	P147	A13	916	00001–99999
W103	GS107	C	905	A64513B22N 2	012	022	GV	P147	A15	916	00001–99999
W103	GS107	E	905	W103111A22N 2	060	022	GV	P144	3	916	00001–99999
W103	GS107	F	905	W21133B20N 2	020	020	GV	J203	B 7	765	00001–99999
W103	GS107	J	905	W2012C22N 2	048	022	GV	J120	E 2	765	00001–99999
W103	GS108	A	905	A64538B22N 2	060	022	GV	P147	B12	916	00001–99999
W103	GS108	B	905	A64510B22N 2	012	022	GV	P147	A10	916	00001–99999
W103	GS108	C	905	A64516B22N 2	024	022	GV	P147	A12	916	00001–99999
W103	GS108	E	905	W103112A22N 2	065	022	GV	P146	3	916	00001–99999
W103	GS108	F	905	W21134B20N 2	020	020	GV	J203	C 8	765	00001–99999
W103	GS108	H	905	W2014C22N 2	048	022	GV	J120	E 4	765	00001–99999
W103	GS109	A	906	W21119B16N 2	020	016	GV	J205	E 4	767	00001–99999
W103	J116	A	918	W1035B20 2	016	020	GV	J117	W	917	00001–99999
W103	J116	B	918	W2097C20 2	030	020	GV	J203	A 7	765	00001–99999
W103	J116	C	918	W2096C20 2	030	020	GV	J203	A 6	765	00001–99999
W103	J116	D	918	W2095C20 2	030	020	GV	J203	A 5	765	00001–99999
W103	J116	E	918	W2094C20 2	030	020	GV	J203	A 4	765	00001–99999
W103	J116	H	918	W20917C20 2	030	020	GV	J203	D 5	765	00001–99999
W103	J116	J	918	W20916C20 2	030	020	GV	J203	D 4	765	00001–99999
W103	J116	K	918	W20915C20 2	030	020	GV	J203	D 3	765	00001–99999
W103	J116	L	918	W20914C20 2	030	020	GV	J203	D 2	765	00001–99999
W103	J116	M	918	W1034B20 2	016	020	GV	J117	C	917	00001–99999
W103	J116	N	918	W1031B22 2	075	022	GV	P115	A 8	764	00001–99999
W103	J116	P	918	W1032B22 2	075	022	GV	P115	A 9	764	00001–99999
W103	J116	R	918	W1033B22N 2	070	022	GV	GS103	H	905	00001–99999
W103	J116	S	918	W10389A20 2	030	020	GV	P128	A 6	765	00001–99999
W103	J116	T	918	W103123A20N 2	070	020	GV	GS101	D	905	00001–99999
W103	J116	U	918	W103120B20 2	050	020	GV	W103 SP16		905	00001–99999
W103	J116	V	918	W103119B20 2	060	020	GV	W103 SP15		905	00001–99999
W103	J116	W	918	W10385B20 2	016	020	GV	J117	J	917	00001–99999
W103	J116	ZA	918	W103121B22 2	036	022	GV	P123	D 5	765	00001–99999
W103	J116	ZB	918	W103122B22N 2	070	022	GV	GS104	C	905	00001–99999
W103	J116	ZC	918	W103304B20 2	014	020	GV	J118	ZD	917	00001–99999
W103	J117	A	917	A645109B22 2	027	022	GV	P147	A 4	916	00001–99999
W103	J117	B	917	W20072C22 2	047	022	GV	J119	B11	916	00001–99999
W103	J117	C	917	W1034B20 2	016	020	GV	J116	M	918	00001–99999

Table 3. W103 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W103	J117	D	917	W10346B20 2	036	020	GV	P123	C 4	765	00001–99999
W103	J117	E	917	W10368B22 2	036	022	GV	P123	B 5	916	00001–99999
W103	J117	F	917	W20074C22 2	047	022	GV	J119	B12	916	00001–99999
W103	J117	G	917	W1113B22 2	050	022	GV	J120	F 6	765	00001–99999
W103	J117	H	917	W20757B22 2	050	022	GV	J119	B 7	916	00001–99999
W103	J117	J	917	W10385B20 2	016	020	GV	J116	W	918	00001–99999
W103	J117	L	917	W103308B20 2	056	020	GV	P121	J	918	00001–99999
W103	J117	M	917	W10380B20 2	036	020	GV	P123	C 6	765	00001–99999
W103	J117	N	917	W10369B22 2	036	022	GV	P123	B 1	916	00001–99999
W103	J117	P	917	W20779B22 2	050	022	GV	J119	B 9	916	00001–99999
W103	J117	R	917	W2193C20 2	028	020	GV	J205	D 3	765	00001–99999
W103	J117	S	917	W2191C20 2	028	020	GV	J205	D 1	765	00001–99999
W103	J117	T	917	W10370B22 2	036	022	GV	P123	B 3	916	00001–99999
W103	J117	U	917	W103164B22 2	014	022	GV	J129	N	918	00001–99999
W103	J117	V	917	W10345B20 2	036	020	GV	P123	C 1	765	00001–99999
W103	J117	W	917	W1035B20 2	016	020	GV	J116	A	918	00001–99999
W103	J117	X	917	W10395A20 2	030	020	GV	P128	A 3	765	00001–99999
W103	J117	Y	917	W103118A20N 2	066	020	GV	GS101	G	905	00001–99999
W103	J117	Z	917	W103310B20 2	040	020	GV	J148	D 1	765	00001–99999
W103	J117	ZA	917	W10312B20 2	014	020	GV	J130	K	922	00001–99999
W103	J117	ZB	917	W10379B20 2	036	020	GV	P123	C 9	765	00001–99999
W103	J117	ZC	917	W10310B20 2	014	020	GV	J130	G	922	00001–99999
W103	J117	ZD	917	W10321B20 2	014	020	GV	J129	T	918	00001–99999
W103	J117	ZE	917	W2099D20 2	028	020	GV	J203	B 1	765	00001–99999
W103	J117	ZF	917	W10324B20 2	014	020	GV	J129	ZS	918	00001–99999
W103	J117	ZG	917	W103306B20 2	056	020	GV	P121	A	918	00001–99999
W103	J117	ZH	917	W103307B20 2	056	020	GV	P121	E	918	00001–99999
W103	J117	ZK	917	W103113B22 2	040	022	GV	J148	C 4	916	00001–99999
W103	J117	ZP	917	W21913C20 2	028	020	GV	J205	D 5	765	00001–99999
W103	J117	ZQ	917	W20774B22 2	050	022	GV	J119	C 8	765	00001–99999
W103	J117	ZR	917	W103110B20 2	027	020	GV	P147	C 5	765	00001–99999
W103	J117	ZS	917	W103309B20 2	056	020	GV	P121	N	918	00001–99999
W103	J117	ZU	917	W2072B20 2	050	020	GV	J119	D 3	765	00001–99999
W103	J117	ZV	917	W2074B20 2	050	020	GV	J119	D 4	765	00001–99999
W103	J117	ZW	917	W10313B20 2	014	020	GV	J130	N	922	00001–99999
W103	J117	ZX	917	W21131B20 2	028	020	GV	J203	B 6	765	00001–99999
W103	J117	ZY	924	W103136B16 2	036	016	GV	P125	C 4	767	00001–99999
W103	J117	AA	924	W1039B18 2	014	018	GV	J130	D	922	00001–99999
W103	J117	BB	917	W10323B20 2	014	020	GV	J129	ZH	918	00001–99999
W103	J117	CC	917	W10322B20 2	014	020	GV	J129	ZE	918	00001–99999
W103	J117	DD	924	W1038B18 2	014	018	GV	J130	B	922	00001–99999

Table 3. W103 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W103	J117	EE	924	W10352A16 2	075	016	GV	P115	D 2	767	00001–99999
W103	J117	FF	924	W10350A16 2	075	016	GV	P115	D 1	767	00001–99999
W103	J117	GG	917	W20917B20 2	028	020	GV	J207	C 1	765	00001–99999
W103	J117	HH	917	W20913B20 2	028	020	GV	J207	C 3	765	00001–99999
W103	J117	JJ	924	W10371B16 2	036	016	GV	P125	C 2	767	00001–99999
W103	J117	KK	917	W21132B20 2	028	020	GV	J203	C 7	765	00001–99999
W103	J117	LL	924	W10373B16 2	036	016	GV	P125	A 4	767	00001–99999
W103	J118	A	917	W10363B20 2	014	020	GV	J130	P	922	00001–99999
W103	J118	B	917	W103135B22 2	036	022	GV	P123	D 4	765	00001–99999
W103	J118	C	917	W103155B22 2	040	022	GV	J148	D 7	765	00001–99999
W103	J118	D	917	W103156B22 2	040	022	GV	J148	C 5	916	00001–99999
W103	J118	E	917	W103158B22 2	040	022	GV	J148	C15	916	00001–99999
W103	J118	F	917	W103311B20 2	040	020	GV	J148	E 2	765	00001–99999
W103	J118	G	917	W103237B20 2	040	020	GV	J148	E 7	765	00001–99999
W103	J118	P	917	W103146B20 2	040	020	GV	J148	D 4	765	00001–99999
W103	J118	R	917	W103145B22 2	040	022	GV	J148	C11	916	00001–99999
W103	J118	S	917	W103144B22 2	040	022	GV	J148	C10	916	00001–99999
W103	J118	T	917	W103143B22 2	040	022	GV	J148	C 7	916	00001–99999
W103	J118	U	917	W103142B22 2	040	022	GV	J148	C 6	916	00001–99999
W103	J118	V	917	W103141B22 2	040	022	GV	J148	C12	916	00001–99999
W103	J118	W	917	W103140B22 2	040	022	GV	J148	D 8	765	00001–99999
W103	J118	X	917	W10394A20 2	028	020	GV	P128	A 2	765	00001–99999
W103	J118	Y	917	W103124A20N 2	066	020	GV	GS101	H	905	00001–99999
W103	J118	ZA	917	W103159B20 2	040	020	GV	J148	E 1	765	00001–99999
W103	J118	ZC	917	W10384B20 2	036	020	GV	P125	B 4	765	00001–99999
W103	J118	ZD	917	W103304B20 2	014	020	GV	J116	ZC	918	00001–99999
W103	J118	ZF	917	W103154B22 2	040	022	GV	J148	C14	916	00001–99999
W103	J118	ZG	917	W103150B22 2	040	022	GV	J148	C13	916	00001–99999
W103	J118	ZH	917	W103149B20 2	040	020	GV	J148	D 2	765	00001–99999
W103	J118	ZI	917	W103148B20 2	040	020	GV	J148	D 5	765	00001–99999
W103	J118	ZJ	917	W103147B22 2	040	022	GV	J148	D 9	765	00001–99999
W103	J118	ZK	917	W103312B20 2	040	020	GV	J148	E 4	765	00001–99999
W103	J118	ZM	917	W103313B20 2	040	020	GV	J148	E 3	765	00001–99999
W103	J118	ZN	917	W103314B20 2	040	020	GV	J148	E 5	765	00001–99999
W103	J118	ZP	917	W103315B20 2	040	020	GV	J148	E 6	765	00001–99999
W103	J118	ZQ	917	W103153B20 2	040	020	GV	J148	D 3	765	00001–99999
W103	J118	ZR	917	W103152B22 2	040	022	GV	J148	C 9	916	00001–99999
W103	J118	ZS	917	W103151B22 2	040	022	GV	J148	C 8	916	00001–99999
W103	J119	A 1	916	W2079A22 2WHT	078	022	SK	P111	1	765	00001–99999
W103	J119	A 2	916	W20710A22 2BLU	078	022	SK	P111	SP 1		00001–99999
W103	J119	A 3	916	W20711A22 2ORN	078	022	SK	P111	SP 1		00001–99999

Table 3. W103 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W103	J119	A 4	916	W20715A22 2	006	022	ZZ	J119	SH 1	830	00001–99999
W103	J119	A13	916	W20732A22 2	084	022	GV	P115	A 1	764	00001–99999
W103	J119	A14	916	W10328A22 2	115	022	GV	P114	A	593	00001–99999
W103	J119	A15	916	W10330A22 2	084	022	GV	P115	A 3	764	00001–99999
W103	J119	A16	916	W10331A22 2	084	022	GV	P115	A 2	764	00001–99999
W103	J119	B 1	916	W20733B22 3	047	022	GV	J129	U	918	00001–99999
W103	J119	B 2	916	W10329A22 2	084	022	GV	P115	A 4	764	00001–99999
W103	J119	B 3	916	W10361B22 3	061	022	GV	P123	B12	916	00001–99999
W103	J119	B 7	916	W20757B22 2	050	022	GV	J117	H	917	00001–99999
W103	J119	B 8	916	W20758B22N 2	095	022	GV	GS104	D	905	00001–99999
W103	J119	B 9	916	W20779B22 2	050	022	GV	J117	P	917	00001–99999
W103	J119	B10	916	W20780B22N 2	048	022	GV	GS105	H	905	00001–99999
W103	J119	B11	916	W20072C22 2	047	022	GV	J117	B	917	00001–99999
W103	J119	B12	916	W20074C22 2	047	022	GV	J117	F	917	00001–99999
W103	J119	B13	916	W20750B22 3	060	022	GV	P128	F 9	916	00001–99999
W103	J119	B14	916	W20735B22 3	060	022	GV	P128	F 1	916	00001–99999
W103	J119	B15	916	W20744B22 3	060	022	GV	P128	F 5	916	00001–99999
W103	J119	B16	916	W20736B22 3	060	022	GV	P128	F13	916	00001–99999
W103	J119	C 1	765	W21914F20 2	060	020	GV	P124	ZD	918	00001–99999
W103	J119	C 2	765	W2192F20 2	060	020	GV	P124	K	918	00001–99999
W103	J119	C 3	765	W2194F20 2	060	020	GV	P124	J	918	00001–99999
W103	J119	C 4	765	W20789B20 2	061	020	GV	P123	C 3	765	00001–99999
W103	J119	C 5	765	W20790B20N 2	095	020	GV	GS104	A	905	00001–99999
W103	J119	C 7	765	W20773B22 2	056	022	GV	P147	A 5	916	00001–99999
W103	J119	C 8	765	W20774B22 2	050	022	GV	J117	ZQ	917	00001–99999
W103	J119	C 9	765	W20775B22N 2	095	022	GV	GS104	B	905	00001–99999
W103	J119	D 1	765	W2071B20 2	066	020	GV	J126	A	917	00001–99999
W103	J119	D 2	765	W2073B20 2	066	020	GV	J126	B	917	00001–99999
W103	J119	D 3	765	W2072B20 2	050	020	GV	J117	ZU	917	00001–99999
W103	J119	D 4	765	W2074B20 2	050	020	GV	J117	ZV	917	00001–99999
W103	J119	D 5	765	W2075B20N 2	048	020	GV	GS105	A	905	00001–99999
W103	J119	D 6	765	W2077B20N 2	048	020	GV	GS105	B	905	00001–99999
W103	J119	D 7	765	W2076B20N 2	048	020	GV	GS106	A	905	00001–99999
W103	J119	D 8	765	W2078B20N 2	048	020	GV	GS106	B	905	00001–99999
W103	J119	E 1	916	W2176C22 3WHT	060	022	SN	P124	A	918	00001–99999
W103	J119	E 2	916	W2177C22 3RED	060	022	SN	P124	Y	918	00001–99999
W103	J119	E 3	916	W2178C22 3GRN	060	022	SN	P124	B	918	00001–99999
W103	J119	E 4	916	W2179C22 3BLU	060	022	SN	P124	X	918	00001–99999
W103	J119	E 5	916	W21710C22 3ORN	060	022	SN	P124	C	918	00001–99999
W103	J119	E 6	916	W21711C22 3BLK	060	022	SN	P124	D	918	00001–99999
W103	J119	E 7	916	W217190B22 3	006	022	ZZ	J119	SH 1	831	00001–99999

Table 3. W103 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W103	J119	F 1	916	W21796C22 3WHT	060	022	SN	P124	E	918	00001–99999
W103	J119	F 2	916	W21797C22 3RED	060	022	SN	P124	ZA	918	00001–99999
W103	J119	F 3	916	W21798C22 3GRN	060	022	SN	P124	G	918	00001–99999
W103	J119	F 4	916	W21799C22 3BLU	060	022	SN	P124	F	918	00001–99999
W103	J119	F 5	916	W217100C22 3ORN	060	022	SN	P124	ZB	918	00001–99999
W103	J119	F 6	916	W217101C22 3BLK	060	022	SN	P124	Z	918	00001–99999
W103	J119	F 7	916	W217191B22 3	006	022	ZZ	J119	SH 2	831	00001–99999
W103	J119	SH 1	830	W20715A22 2	006	022	ZZ	J119	A 4	916	00001–99999
W103	J119	SH 1	831	W217190B22 3	006	022	ZZ	J119	E 7	916	00001–99999
W103	J119	SH 2	831	W217191B22 3	006	022	ZZ	J119	F 7	916	00001–99999
W103	J120	A 1	765	W20752B22 4WHT	050	022	SJ	J148	C 1	916	00001–99999
W103	J120	A 2	765	W20753B22 4BLU	050	022	SJ	J148	C 2	916	00001–99999
W103	J120	A 3	916	W103114A22 4	006	022	ZZ	J120	SH 1	830	00001–99999
W103	J120	A12	916	W20728B22 1	047	022	GV	J129	ZA	918	00001–99999
W103	J120	A13	916	W20731B22 1	047	022	GV	J129	X	918	00001–99999
W103	J120	A14	916	W20730B22 1	047	022	GV	J129	Z	918	00001–99999
W103	J120	A15	916	W20729B22 1	047	022	GV	J129	Y	918	00001–99999
W103	J120	A16	916	W10366B22 2	061	022	GV	P123	B 2	916	00001–99999
W103	J120	B 1	916	W20781B22 2	061	022	GV	P123	A 5	916	00001–99999
W103	J120	B 2	916	W20782B22 2	061	022	GV	P123	A10	916	00001–99999
W103	J120	B 3	916	W20783B22 2	061	022	GV	P123	A16	916	00001–99999
W103	J120	B 4	916	W20784B22 2	061	022	GV	P123	A11	916	00001–99999
W103	J120	B 5	916	W20785B22 2	059	022	GV	J126	E	917	00001–99999
W103	J120	B 6	916	W20786B22 2	059	022	GV	J126	ZA	917	00001–99999
W103	J120	B 7	916	W103116B22 3	061	022	GV	P123	D 9	765	00001–99999
W103	J120	B15	916	W20787B22 2	061	022	GV	P123	A 9	916	00001–99999
W103	J120	B16	916	W20788B22 2	061	022	GV	P123	A14	916	00001–99999
W103	J120	C 1	765	W23071C22N 2	048	022	GV	GS106	C	905	00001–99999
W103	J120	C 2	765	W23073C22N 2	048	022	GV	GS105	C	905	00001–99999
W103	J120	C 3	765	W23075C22N 3	048	022	GV	GS106	D	905	00001–99999
W103	J120	C 4	765	W23076C22N 3	048	022	GV	GS105	D	905	00001–99999
W103	J120	C 5	765	W23069C22N 3	048	022	GV	GS106	E	905	00001–99999
W103	J120	C 6	765	W23068C22N 3	048	022	GV	GS105	E	905	00001–99999
W103	J120	C 7	765	W23070C22N 3	048	022	GV	GS106	F	905	00001–99999
W103	J120	C 8	765	W21121C22N 3	048	022	GV	GS105	F	905	00001–99999
W103	J120	D 1	767	W2361C16 2	061	016	GV	P125	C 3	767	00001–99999
W103	J120	E 1	765	W2011C22 2	053	022	GV	J122	K	918	00001–99999
W103	J120	E 2	765	W2012C22N 2	048	022	GV	GS107	J	905	00001–99999
W103	J120	E 3	765	W2013C22 2	053	022	GV	J122	J	918	00001–99999
W103	J120	E 4	765	W2014C22N 2	048	022	GV	GS108	H	905	00001–99999
W103	J120	E 9	765	W2015C22 2	065	022	GV	J122	A	918	00001–99999

Table 3. W103 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W103	J120	F 1	765	W20110C20 2	053	020	GV	J122	E	918	00001–99999
W103	J120	F 4	765	W1112B20 2	061	020	GV	J129	S	918	00001–99999
W103	J120	F 5	765	W1111B20 2	061	020	GV	J129	R	918	00001–99999
W103	J120	F 6	765	W1113B22 2	050	022	GV	J117	G	917	00001–99999
W103	J120	SH 1	830	W103114A22 4	006	022	ZZ	J120	A 3	916	00001–99999
W103	J122	A	918	W2015C22 2	065	022	GV	J120	E 9	765	00001–99999
W103	J122	B	918	W10327A20N 2	075	020	GV	GS104	G	905	00001–99999
W103	J122	D	918	W103115B20 2	036	020	GV	P125	B 5	765	00001–99999
W103	J122	E	918	W20110C20 2	053	020	GV	J120	F 1	765	00001–99999
W103	J122	F	918	W209200C20 2	036	020	GV	J205	D 7	765	00001–99999
W103	J122	H	918	W10367B22 2	036	022	GV	P123	B 6	916	00001–99999
W103	J122	J	918	W2013C22 2	053	022	GV	J120	E 3	765	00001–99999
W103	J122	K	918	W2011C22 2	053	022	GV	J120	E 1	765	00001–99999
W103	J122	L	918	W10376B22 2	036	022	GV	P123	C 7	765	00001–99999
W103	J122	N	918	W10391A20 2	032	020	GV	P128	A 4	765	00001–99999
W103	J122	P	918	W103126A20N 2	075	020	GV	GS101	F	905	00001–99999
W103	J126	A	917	W2071B20 2	066	020	GV	J119	D 1	765	00001–99999
W103	J126	B	917	W2073B20 2	066	020	GV	J119	D 2	765	00001–99999
W103	J126	C	917	W2173C20 2	046	020	GV	J203	C 3	765	00001–99999
W103	J126	D	917	W10336B22 2	050	022	GV	P123	A 1	916	00001–99999
W103	J126	E	917	W20785B22 2	059	022	GV	J120	B 5	916	00001–99999
W103	J126	G	917	W21112B22 2	046	022	GV	J207	A11	916	00001–99999
W103	J126	H	917	W21116B22 2	046	022	GV	J207	A15	916	00001–99999
W103	J126	J	917	W10396A20N 2	043	020	GV	GS101	A	905	00001–99999
W103	J126	K	917	W10392A20 2	036	020	GV	P128	B 2	765	00001–99999
W103	J126	L	917	W20912C20 2	046	020	GV	J203	B 5	765	00001–99999
W103	J126	M	917	W21113B22 2	046	022	GV	J207	A13	916	00001–99999
W103	J126	N	917	W10383B22 2	056	022	GV	J148	D 6	765	00001–99999
W103	J126	P	917	W20742B22 2	036	022	GV	P128	E 9	916	00001–99999
W103	J126	R	917	W20748B22 2	036	022	GV	P128	E13	916	00001–99999
W103	J126	W	917	W20920C20 2	046	020	GV	J203	D 8	765	00001–99999
W103	J126	X	917	W20921C20 2	046	020	GV	J203	A 2	765	00001–99999
W103	J126	Y	917	W2172C20 2	046	020	GV	J203	C 2	765	00001–99999
W103	J126	Z	917	W10341B22 2	050	022	GV	P123	A 3	916	00001–99999
W103	J126	ZA	917	W20786B22 2	059	022	GV	J120	B 6	916	00001–99999
W103	J126	ZK	917	W2171C20 2	028	020	GV	J203	C 1	765	00001–99999
W103	J126	ZM	924	W103137B18 2	056	018	GV	J148	F 2	767	00001–99999
W103	J126	ZN	917	W2174C20 2	028	020	GV	J203	C 4	765	00001–99999
W103	J126	ZR	924	W103128B18 2	056	018	GV	J148	F 1	767	00001–99999
W103	J127	D	925	W103133A12 2	040	012	GV	A643K13	A 1	112	00001–99999
W103	J127	E	925	W103134A12 2	040	012	GV	A643K13	A 1	112	00001–99999

Table 3. W103 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W103	J127	F	924	W103138B18 2	042	018	GV	J148	F 3	767	00001–99999
W103	J127	G	924	W103139B18 2	042	018	GV	J148	F 4	767	00001–99999
W103	J129	A	918	W103160B22 2	055	022	GV	P121	ZC	918	00001–99999
W103	J129	B	918	W10358B22 2	055	022	GV	P121	ZB	918	00001–99999
W103	J129	C	918	W10356B22 2	055	022	GV	P121	ZA	918	00001–99999
W103	J129	D	918	W10357B22 2	055	022	GV	P121	Y	918	00001–99999
W103	J129	E	918	W10316B22 2	055	022	GV	P121	Z	918	00001–99999
W103	J129	F	918	W103161B22 2	055	022	GV	P121	X	918	00001–99999
W103	J129	G	918	W103162B22 2	055	022	GV	P121	V	918	00001–99999
W103	J129	H	918	W10319B22 2	055	022	GV	P121	U	918	00001–99999
W103	J129	J	918	W10318B22 2	055	022	GV	P121	T	918	00001–99999
W103	J129	N	918	W103164B22 2	014	022	GV	J117	U	917	00001–99999
W103	J129	P	918	W103305A22 2	132	022	GV	W103 SP1		904	00001–99999
W103	J129	R	918	W1111B20 2	061	020	GV	J120	F 5	765	00001–99999
W103	J129	S	918	W1112B20 2	061	020	GV	J120	F 4	765	00001–99999
W103	J129	T	918	W10321B20 2	014	020	GV	J117	ZD	917	00001–99999
W103	J129	U	918	W20733B22 3	047	022	GV	J119	B 1	916	00001–99999
W103	J129	V	918	W10315A22N 2	066	022	GV	GS103	J	905	00001–99999
W103	J129	W	918	W10314B22 2	032	022	GV	P123	B 4	916	00001–99999
W103	J129	X	918	W20731B22 1	047	022	GV	J120	A13	916	00001–99999
W103	J129	Y	918	W20729B22 1	047	022	GV	J120	A15	916	00001–99999
W103	J129	Z	918	W20730B22 1	047	022	GV	J120	A14	916	00001–99999
W103	J129	ZA	918	W20728B22 1	047	022	GV	J120	A12	916	00001–99999
W103	J129	ZB	918	W103163B22 2	055	022	GV	P121	ZD	918	00001–99999
W103	J129	ZC	918	W10359B22 2	055	022	GV	P121	ZE	918	00001–99999
W103	J129	ZD	918	W10320B22 2	055	022	GV	P121	ZF	918	00001–99999
W103	J129	ZE	918	W10322B20 2	014	020	GV	J117	CC	917	00001–99999
W103	J129	ZF	918	W3036D20 2	028	020	GV	J203	C 9	765	00001–99999
W103	J129	ZG	918	W30313D20 2	028	020	GV	J203	D 9	765	00001–99999
W103	J129	ZH	918	W10323B20 2	014	020	GV	J117	BB	917	00001–99999
W103	J129	ZI	918	W2116C20 3	028	020	GV	J203	F 1	765	00001–99999
W103	J129	ZJ	918	W2115B22 3	028	022	GV	J203	F 5	765	00001–99999
W103	J129	ZP	918	W103159A20N 2	066	020	GV	GS101	E	905	00001–99999
W103	J129	ZQ	918	W3035D20 2	028	020	GV	J203	B 8	765	00001–99999
W103	J129	ZR	918	W3037D20 2	028	020	GV	J203	B 9	765	00001–99999
W103	J129	ZS	918	W10324B20 2	014	020	GV	J117	ZF	917	00001–99999
W103	J129	ZT	918	W103158A20 2	028	020	GV	P128	A 5	765	00001–99999
W103	J130	A	922	W2113B18 2	028	018	GV	J203	E 3	767	00001–99999
W103	J130	B	922	W1038B18 2	014	018	GV	J117	DD	924	00001–99999
W103	J130	C	922	W2111B18 2	028	018	GV	J203	E 1	767	00001–99999
W103	J130	D	922	W1039B18 2	014	018	GV	J117	AA	924	00001–99999

Table 3. W103 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W103	J130	E	922	W2118B20 2	028	020	GV	J203	F 3	765	00001–99999
W103	J130	F	922	W2117B20 2	028	020	GV	J203	F 2	765	00001–99999
W103	J130	G	922	W10310B20 2	014	020	GV	J117	ZC	917	00001–99999
W103	J130	H	922	W20911C20 2	028	020	GV	J203	B 3	765	00001–99999
W103	J130	J	922	W20910C20 2	028	020	GV	J203	B 2	765	00001–99999
W103	J130	K	922	W10312B20 2	014	020	GV	J117	ZA	917	00001–99999
W103	J130	L	922	W20923C20 2	028	020	GV	J203	C 6	765	00001–99999
W103	J130	M	922	W20922C20 2	028	020	GV	J203	C 5	765	00001–99999
W103	J130	N	922	W10313B20 2	014	020	GV	J117	ZW	917	00001–99999
W103	J130	P	922	W10363B20 2	014	020	GV	J118	A	917	00001–99999
W103	J130	R	922	W2251C20 2	028	020	GV	J205	A 1	765	00001–99999
W103	J130	S	922	W2255C20 2	028	020	GV	J205	A 2	765	00001–99999
W103	J130	T	922	W2257C20 2	028	020	GV	J205	A 3	765	00001–99999
W103	J130	U	922	W2253C20 2	028	020	GV	J205	A 4	765	00001–99999
W103	J130	W	922	W10393A20 2	028	020	GV	P128	A 7	765	00001–99999
W103	J130	X	922	W103125A20N 2	062	020	GV	GS101	C	905	00001–99999
W103	J148	C 1	916	W20752B22 4WHT	050	022	SJ	J120	A 1	765	00001–99999
W103	J148	C 2	916	W20753B22 4BLU	050	022	SJ	J120	A 2	765	00001–99999
W103	J148	C 3	916	W103115A22 4	006	022	ZZ	J148	SH 7	830	00001–99999
W103	J148	C 4	916	W103113B22 2	040	022	GV	J117	ZK	917	00001–99999
W103	J148	C 5	916	W103156B22 2	040	022	GV	J118	D	917	00001–99999
W103	J148	C 6	916	W103142B22 2	040	022	GV	J118	U	917	00001–99999
W103	J148	C 7	916	W103143B22 2	040	022	GV	J118	T	917	00001–99999
W103	J148	C 8	916	W103151B22 2	040	022	GV	J118	ZS	917	00001–99999
W103	J148	C 9	916	W103152B22 2	040	022	GV	J118	ZR	917	00001–99999
W103	J148	C10	916	W103144B22 2	040	022	GV	J118	S	917	00001–99999
W103	J148	C11	916	W103145B22 2	040	022	GV	J118	R	917	00001–99999
W103	J148	C12	916	W103141B22 2	040	022	GV	J118	V	917	00001–99999
W103	J148	C13	916	W103150B22 2	040	022	GV	J118	ZG	917	00001–99999
W103	J148	C14	916	W103154B22 2	040	022	GV	J118	ZF	917	00001–99999
W103	J148	C15	916	W103158B22 2	040	022	GV	J118	E	917	00001–99999
W103	J148	D 1	765	W103310B20 2	040	020	GV	J117	Z	917	00001–99999
W103	J148	D 2	765	W103149B20 2	040	020	GV	J118	ZH	917	00001–99999
W103	J148	D 3	765	W103153B20 2	040	020	GV	J118	ZQ	917	00001–99999
W103	J148	D 4	765	W103146B20 2	040	020	GV	J118	P	917	00001–99999
W103	J148	D 5	765	W103148B20 2	040	020	GV	J118	ZI	917	00001–99999
W103	J148	D 6	765	W10383B22 2	056	022	GV	J126	N	917	00001–99999
W103	J148	D 7	765	W103155B22 2	040	022	GV	J118	C	917	00001–99999
W103	J148	D 8	765	W103140B22 2	040	022	GV	J118	W	917	00001–99999
W103	J148	D 9	765	W103147B22 2	040	022	GV	J118	ZJ	917	00001–99999
W103	J148	E 1	765	W103159B20 2	040	020	GV	J118	ZA	917	00001–99999

Table 3. W103 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W103	J148	E 2	765	W103311B20 2	040	020	GV	J118	F	917	00001–99999
W103	J148	E 3	765	W103313B20 2	040	020	GV	J118	ZM	917	00001–99999
W103	J148	E 4	765	W103312B20 2	040	020	GV	J118	ZK	917	00001–99999
W103	J148	E 5	765	W103314B20 2	040	020	GV	J118	ZN	917	00001–99999
W103	J148	E 6	765	W103315B20 2	040	020	GV	J118	ZP	917	00001–99999
W103	J148	E 7	765	W103237B20 2	040	020	GV	J118	G	917	00001–99999
W103	J148	F 1	767	W103128B18 2	056	018	GV	J126	ZR	924	00001–99999
W103	J148	F 2	767	W103137B18 2	056	018	GV	J126	ZM	924	00001–99999
W103	J148	F 3	767	W103138B18 2	042	018	GV	J127	F	924	00001–99999
W103	J148	F 4	767	W103139B18 2	042	018	GV	J127	G	924	00001–99999
W103	J148	SH 7	830	W103115A22 4	006	022	ZZ	J148	C 3	916	00001–99999
W103	J203	A 1	765	W20958B20 2	010	020	GV	J203 SP1			00001–99999
W103	J203	A 2	765	W20921C20 2	046	020	GV	J126	X	917	00001–99999
W103	J203	A 3	765	W2093C20 2	042	020	GV	P123	C 2	765	00001–99999
W103	J203	A 4	765	W2094C20 2	030	020	GV	J116	E	918	00001–99999
W103	J203	A 5	765	W2095C20 2	030	020	GV	J116	D	918	00001–99999
W103	J203	A 6	765	W2096C20 2	030	020	GV	J116	C	918	00001–99999
W103	J203	A 7	765	W2097C20 2	030	020	GV	J116	B	918	00001–99999
W103	J203	A 9	765	W20982C20 2	040	020	GV	P124	P	918	00001–99999
W103	J203	B 1	765	W2099D20 2	028	020	GV	J117	ZE	917	00001–99999
W103	J203	B 2	765	W20910C20 2	028	020	GV	J130	J	922	00001–99999
W103	J203	B 3	765	W20911C20 2	028	020	GV	J130	H	922	00001–99999
W103	J203	B 4	765	W20990C20 2	040	020	GV	P124	N	918	00001–99999
W103	J203	B 5	765	W20912C20 2	046	020	GV	J126	L	917	00001–99999
W103	J203	B 6	765	W21131B20 2	028	020	GV	J117	ZX	917	00001–99999
W103	J203	B 7	765	W21133B20N 2	020	020	GV	GS107	F	905	00001–99999
W103	J203	B 8	765	W3035D20 2	028	020	GV	J129	ZQ	918	00001–99999
W103	J203	B 9	765	W3037D20 2	028	020	GV	J129	ZR	918	00001–99999
W103	J203	C 1	765	W2171C20 2	028	020	GV	J126	ZK	917	00001–99999
W103	J203	C 2	765	W2172C20 2	046	020	GV	J126	Y	917	00001–99999
W103	J203	C 3	765	W2173C20 2	046	020	GV	J126	C	917	00001–99999
W103	J203	C 4	765	W2174C20 2	028	020	GV	J126	ZN	917	00001–99999
W103	J203	C 5	765	W20922C20 2	028	020	GV	J130	M	922	00001–99999
W103	J203	C 6	765	W20923C20 2	028	020	GV	J130	L	922	00001–99999
W103	J203	C 7	765	W21132B20 2	028	020	GV	J117	KK	917	00001–99999
W103	J203	C 8	765	W21134B20N 2	020	020	GV	GS108	F	905	00001–99999
W103	J203	C 9	765	W3036D20 2	028	020	GV	J129	ZF	918	00001–99999
W103	J203	D 1	765	W20959B20 2	010	020	GV	J203 SP2			00001–99999
W103	J203	D 2	765	W20914C20 2	030	020	GV	J116	L	918	00001–99999
W103	J203	D 3	765	W20915C20 2	030	020	GV	J116	K	918	00001–99999
W103	J203	D 4	765	W20916C20 2	030	020	GV	J116	J	918	00001–99999

Table 3. W103 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W103	J203	D 5	765	W20917C20 2	030	020	GV	J116	H	918	00001–99999
W103	J203	D 6	765	W20918C20 2	042	020	GV	P123	C 5	765	00001–99999
W103	J203	D 8	765	W20920C20 2	046	020	GV	J126	W	917	00001–99999
W103	J203	D 9	765	W30313D20 2	028	020	GV	J129	ZG	918	00001–99999
W103	J203	E 1	767	W2111B18 2	028	018	GV	J130	C	922	00001–99999
W103	J203	E 3	767	W2113B18 2	028	018	GV	J130	A	922	00001–99999
W103	J203	F 1	765	W2116C20 3	028	020	GV	J129	ZI	918	00001–99999
W103	J203	F 2	765	W2117B20 2	028	020	GV	J130	F	922	00001–99999
W103	J203	F 3	765	W2118B20 2	028	020	GV	J130	E	922	00001–99999
W103	J203	F 5	765	W2115B22 3	028	022	GV	J129	ZJ	918	00001–99999
W103	J203	F 6	765	W2195C22 2	042	022	GV	P123	B 7	916	00001–99999
W103	J203	F 7	765	W2197C22 2	042	022	GV	P123	B 8	916	00001–99999
W103	J203	F 8	765	W2198C22 2	042	022	GV	P123	B10	916	00001–99999
W103	J203	F 9	765	W2196C22 2	042	022	GV	P123	B11	916	00001–99999
W103	J203 SP1			W20958B20 2	010	020	GV	J203	A 1	765	00001–99999
W103	J203 SP1			W20958F20 2	010	020	GV	J207	C 2	765	00001–99999
W103	J203 SP1			W20982F20 2	040	020	GV	P124	R	918	00001–99999
W103	J203 SP2			W20959B20 2	010	020	GV	J203	D 1	765	00001–99999
W103	J203 SP2			W20959F20 2	010	020	GV	J207	C 4	765	00001–99999
W103	J203 SP2			W20990F20 2	040	020	GV	P124	M	918	00001–99999
W103	J205	A 1	765	W2251C20 2	028	020	GV	J130	R	922	00001–99999
W103	J205	A 2	765	W2255C20 2	028	020	GV	J130	S	922	00001–99999
W103	J205	A 3	765	W2257C20 2	028	020	GV	J130	T	922	00001–99999
W103	J205	A 4	765	W2253C20 2	028	020	GV	J130	U	922	00001–99999
W103	J205	B 1	916	W209201C22 2	042	022	GV	P123	A13	916	00001–99999
W103	J205	B 2	916	W209202C22 2	042	022	GV	P123	A 7	916	00001–99999
W103	J205	D 1	765	W2191C20 2	028	020	GV	J117	S	917	00001–99999
W103	J205	D 2	765	W2192C20 2	040	020	GV	P124	ZF	918	00001–99999
W103	J205	D 3	765	W2193C20 2	028	020	GV	J117	R	917	00001–99999
W103	J205	D 4	765	W2194C20 2	040	020	GV	P124	ZE	918	00001–99999
W103	J205	D 5	765	W21913C20 2	028	020	GV	J117	ZP	917	00001–99999
W103	J205	D 6	765	W21914C20 2	048	020	GV	P124	ZQ	918	00001–99999
W103	J205	D 7	765	W209200C20 2	036	020	GV	J122	F	918	00001–99999
W103	J205	E 3	767	W21118B16 2	042	016	GV	P125	A 3	767	00001–99999
W103	J205	E 4	767	W21119B16N 2	020	016	GV	GS109	A	906	00001–99999
W103	J207	A11	916	W21112B22 2	046	022	GV	J126	G	917	00001–99999
W103	J207	A12	916	W21114B22N 2	020	022	GV	GS106	G	905	00001–99999
W103	J207	A13	916	W21113B22 2	046	022	GV	J126	M	917	00001–99999
W103	J207	A14	916	W21115B22N 2	020	022	GV	GS106	H	905	00001–99999
W103	J207	A15	916	W21116B22 2	046	022	GV	J126	H	917	00001–99999
W103	J207	A16	916	W21117B22N 2	020	022	GV	GS105	G	905	00001–99999

Table 3. W103 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W103	J207	C 1	765	W20917B20 2	028	020	GV	J117	GG	917	00001–99999
W103	J207	C 2	765	W20958F20 2	010	020	GV	J203 SP1			00001–99999
W103	J207	C 3	765	W20913B20 2	028	020	GV	J117	HH	917	00001–99999
W103	J207	C 4	765	W20959F20 2	010	020	GV	J203 SP2			00001–99999
W103	P1	NEG		A6252A02N 2	042	002	UM	GS10		194	00001–99999
W103	P1	POS		A6251A02 2	040	002	UM	A625K1	A 1	198	00001–99999
W103	P109	A	905	W103192A22 3	010	022	GV	P109 SP1			00001–99999
W103	P109	A 1	905	W103190A22 3	100	022	GV	P128	F 2	916	00001–99999
W103	P109	A 3	905	W103199A22N 2	076	022	GV	GS102	E	905	00001–99999
W103	P109	B	905	W103193A22 2	010	022	GV	P109 SP1			00001–99999
W103	P109	C	905	W103194A22 2	010	022	GV	P109 SP1			00001–99999
W103	P109	D	905	W103195A22 2	010	022	GV	P109 SP1			00001–99999
W103	P109	G	905	W103191A22 3	100	022	GV	P128	F 6	916	00001–99999
W103	P109 SP1			W103198A22 2	100	022	GV	P128	E10	916	00001–99999
W103	P109 SP1			W103192A22 3	010	022	GV	P109	A	905	00001–99999
W103	P109 SP1			W103193A22 2	010	022	GV	P109	B	905	00001–99999
W103	P109 SP1			W103194A22 2	010	022	GV	P109	C	905	00001–99999
W103	P109 SP1			W103195A22 2	010	022	GV	P109	D	905	00001–99999
W103	P110	A	905	W103202A22 2	010	022	GV	P110 SP1			00001–99999
W103	P110	A 1	905	W103200A22 3	100	022	GV	P128	F10	916	00001–99999
W103	P110	A 3	905	W103209A22N 2	076	022	GV	GS102	F	905	00001–99999
W103	P110	B	905	W103203A22 2	010	022	GV	P110 SP1			00001–99999
W103	P110	C	905	W103204A22 2	010	022	GV	P110 SP1			00001–99999
W103	P110	D	905	W103205A22 2	010	022	GV	P110 SP1			00001–99999
W103	P110	G	905	W103201A22 3	100	022	GV	P128	F14	916	00001–99999
W103	P110 SP1			W103208A22 2	100	022	GV	P128	E14	916	00001–99999
W103	P110 SP1			W103202A22 2	010	022	GV	P110	A	905	00001–99999
W103	P110 SP1			W103203A22 2	010	022	GV	P110	B	905	00001–99999
W103	P110 SP1			W103204A22 2	010	022	GV	P110	C	905	00001–99999
W103	P110 SP1			W103205A22 2	010	022	GV	P110	D	905	00001–99999
W103	P111	1	765	W2079A22 2WHT	078	022	SK	J119	A 1	916	00001–99999
W103	P111	2	765	W103400A22 2	010	022	GV	P111	SP 1		00001–99999
W103	P111	SP 1		W103400A22 2	010	022	GV	P111	2	765	00001–99999
W103	P111	SP 1		W20710A22 2BLU	078	022	SK	J119	A 2	916	00001–99999
W103	P111	SP 1		W20711A22 2ORN	078	022	SK	J119	A 3	916	00001–99999
W103	P114	A	593	W10328A22 2	115	022	GV	J119	A14	916	00001–99999
W103	P114	B	593	A62517B22 2	040	022	GV	P115	A 6	764	00001–99999
W103	P114	C	593	A62516B22 2	040	022	GV	P115	A 5	764	00001–99999
W103	P114	D	593	A62518B22 2	040	022	GV	P115	A 7	764	00001–99999
W103	P115	A 1	764	W20732A22 2	084	022	GV	J119	A13	916	00001–99999
W103	P115	A 2	764	W10331A22 2	084	022	GV	J119	A16	916	00001–99999

Table 3. W103 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W103	P115	A 3	764	W10330A22 2	084	022	GV	J119	A15	916	00001–99999
W103	P115	A 4	764	W10329A22 2	084	022	GV	J119	B 2	916	00001–99999
W103	P115	A 5	764	A62516B22 2	040	022	GV	P114	C	593	00001–99999
W103	P115	A 6	764	A62517B22 2	040	022	GV	P114	B	593	00001–99999
W103	P115	A 7	764	A62518B22 2	040	022	GV	P114	D	593	00001–99999
W103	P115	A 8	764	W1031B22 2	075	022	GV	J116	N	918	00001–99999
W103	P115	A 9	764	W1032B22 2	075	022	GV	J116	P	918	00001–99999
W103	P115	B 1	764	A6459B22 2	072	022	GV	P147	A 9	916	00001–99999
W103	P115	B 2	764	A64515B22 2	072	022	GV	P147	A11	916	00001–99999
W103	P115	D 1	767	W10350A16 2	075	016	GV	J117	FF	924	00001–99999
W103	P115	D 2	767	W10352A16 2	075	016	GV	J117	EE	924	00001–99999
W103	P121	A	918	W103306B20 2	056	020	GV	J117	ZG	917	00001–99999
W103	P121	B	918	W103165A20 2	051	020	GV	P128	A 1	765	00001–99999
W103	P121	C	918	W103169A20N 2	036	020	GV	GS101	J	905	00001–99999
W103	P121	E	918	W103307B20 2	056	020	GV	J117	ZH	917	00001–99999
W103	P121	R	918	W103172A20N 2	036	020	GV	GS101	M	765	00001–99999
W103	P121	F	918	W103166A20 2	051	020	GV	P128	D 1	765	00001–99999
W103	P121	G	918	W103170A20N 2	036	020	GV	GS101	K	905	00001–99999
W103	P121	J	918	W103308B20 2	056	020	GV	J117	L	917	00001–99999
W103	P121	K	918	W103167A20 2	051	020	GV	P128	C 1	765	00001–99999
W103	P121	L	918	W103171A20N 2	036	020	GV	GS101	L	905	00001–99999
W103	P121	N	918	W103309B20 2	056	020	GV	J117	ZS	917	00001–99999
W103	P121	P	918	W103168A20 2	050	020	GV	W103 SP17		905	00001–99999
W103	P121	T	918	W10318B22 2	055	022	GV	J129	J	918	00001–99999
W103	P121	U	918	W10319B22 2	055	022	GV	J129	H	918	00001–99999
W103	P121	V	918	W103162B22 2	055	022	GV	J129	G	918	00001–99999
W103	P121	X	918	W103161B22 2	055	022	GV	J129	F	918	00001–99999
W103	P121	Y	918	W10357B22 2	055	022	GV	J129	D	918	00001–99999
W103	P121	Z	918	W10316B22 2	055	022	GV	J129	E	918	00001–99999
W103	P121	ZA	918	W10356B22 2	055	022	GV	J129	C	918	00001–99999
W103	P121	ZB	918	W10358B22 2	055	022	GV	J129	B	918	00001–99999
W103	P121	ZC	918	W103160B22 2	055	022	GV	J129	A	918	00001–99999
W103	P121	ZD	918	W103163B22 2	055	022	GV	J129	ZB	918	00001–99999
W103	P121	ZE	918	W10359B22 2	055	022	GV	J129	ZC	918	00001–99999
W103	P121	ZF	918	W10320B22 2	055	022	GV	J129	ZD	918	00001–99999
W103	P123	A 1	916	W10336B22 2	050	022	GV	J126	D	917	00001–99999
W103	P123	A 2	916	W103117B22 2	044	022	GV	P124	ZI	918	00001–99999
W103	P123	A 3	916	W10341B22 2	050	022	GV	J126	Z	917	00001–99999
W103	P123	A 4	916	W103118B22 2	044	022	GV	P124	ZH	918	00001–99999
W103	P123	A 5	916	W20781B22 2	061	022	GV	J120	B 1	916	00001–99999
W103	P123	A 7	916	W209202C22 2	042	022	GV	J205	B 2	916	00001–99999

Table 3. W103 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W103	P123	A 8	916	W10365B22 2	044	022	GV	P124	ZN	918	00001–99999
W103	P123	A 9	916	W20787B22 2	061	022	GV	J120	B15	916	00001–99999
W103	P123	A10	916	W20782B22 2	061	022	GV	J120	B 2	916	00001–99999
W103	P123	A11	916	W20784B22 2	061	022	GV	J120	B 4	916	00001–99999
W103	P123	A13	916	W209201C22 2	042	022	GV	J205	B 1	916	00001–99999
W103	P123	A14	916	W20788B22 2	061	022	GV	J120	B16	916	00001–99999
W103	P123	A15	916	W10364B22 2	044	022	GV	P124	ZM	918	00001–99999
W103	P123	A16	916	W20783B22 2	061	022	GV	J120	B 3	916	00001–99999
W103	P123	B 1	916	W10369B22 2	036	022	GV	J117	N	917	00001–99999
W103	P123	B 2	916	W10366B22 2	061	022	GV	J120	A16	916	00001–99999
W103	P123	B 3	916	W10370B22 2	036	022	GV	J117	T	917	00001–99999
W103	P123	B 4	916	W10314B22 2	032	022	GV	J129	W	918	00001–99999
W103	P123	B 5	916	W10368B22 2	036	022	GV	J117	E	917	00001–99999
W103	P123	B 6	916	W10367B22 2	036	022	GV	J122	H	918	00001–99999
W103	P123	B 7	916	W2195C22 2	042	022	GV	J203	F 6	765	00001–99999
W103	P123	B 8	916	W2197C22 2	042	022	GV	J203	F 7	765	00001–99999
W103	P123	B10	916	W2198C22 2	042	022	GV	J203	F 8	765	00001–99999
W103	P123	B11	916	W2196C22 2	042	022	GV	J203	F 9	765	00001–99999
W103	P123	B12	916	W10361B22 3	061	022	GV	J119	B 3	916	00001–99999
W103	P123	B13	916	A6457B22 2	042	022	GV	P147	A 7	916	00001–99999
W103	P123	B14	916	A64511B22 2	042	022	GV	P147	A14	916	00001–99999
W103	P123	B15	916	A64514B22 2	042	022	GV	P147	A16	916	00001–99999
W103	P123	B16	916	A64537B22 2	042	022	GV	P147	B11	916	00001–99999
W103	P123	C 1	765	W10345B20 2	036	020	GV	J117	V	917	00001–99999
W103	P123	C 2	765	W2093C20 2	042	020	GV	J203	A 3	765	00001–99999
W103	P123	C 3	765	W20789B20 2	061	020	GV	J119	C 4	765	00001–99999
W103	P123	C 4	765	W10346B20 2	036	020	GV	J117	D	917	00001–99999
W103	P123	C 5	765	W20918C20 2	042	020	GV	J203	D 6	765	00001–99999
W103	P123	C 6	765	W10380B20 2	036	020	GV	J117	M	917	00001–99999
W103	P123	C 7	765	W10376B22 2	036	022	GV	J122	L	918	00001–99999
W103	P123	C 9	765	W10379B20 2	036	020	GV	J117	ZB	917	00001–99999
W103	P123	D 4	765	W103135B22 2	036	022	GV	J118	B	917	00001–99999
W103	P123	D 5	765	W103121B22 2	036	022	GV	J116	ZA	918	00001–99999
W103	P123	D 9	765	W103116B22 3	061	022	GV	J120	B 7	916	00001–99999
W103	P124	A	918	W2176C22 3WHT	060	022	SN	J119	E 1	916	00001–99999
W103	P124	B	918	W2178C22 3GRN	060	022	SN	J119	E 3	916	00001–99999
W103	P124	C	918	W21710C22 3ORN	060	022	SN	J119	E 5	916	00001–99999
W103	P124	D	918	W21711C22 3BLK	060	022	SN	J119	E 6	916	00001–99999
W103	P124	E	918	W21796C22 3WHT	060	022	SN	J119	F 1	916	00001–99999
W103	P124	F	918	W21799C22 3BLU	060	022	SN	J119	F 4	916	00001–99999
W103	P124	G	918	W21798C22 3GRN	060	022	SN	J119	F 3	916	00001–99999

Table 3. W103 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W103	P124	J	918	W2194F20 2	060	020	GV	J119	C 3	765	00001–99999
W103	P124	K	918	W2192F20 2	060	020	GV	J119	C 2	765	00001–99999
W103	P124	M	918	W20990F20 2	040	020	GV	J203 SP2			00001–99999
W103	P124	N	918	W20990C20 2	040	020	GV	J203	B 4	765	00001–99999
W103	P124	P	918	W20982C20 2	040	020	GV	J203	A 9	765	00001–99999
W103	P124	R	918	W20982F20 2	040	020	GV	J203 SP1			00001–99999
W103	P124	V	918	W10334B22 2	010	022	GV	P124 SP1			00001–99999
W103	P124	W	918	W10339B22 2	010	022	GV	P124 SP1			00001–99999
W103	P124	X	918	W2179C22 3BLU	060	022	SN	J119	E 4	916	00001–99999
W103	P124	Y	918	W2177C22 3RED	060	022	SN	J119	E 2	916	00001–99999
W103	P124	Z	918	W217101C22 3BLK	060	022	SN	J119	F 6	916	00001–99999
W103	P124	ZA	918	W21797C22 3RED	060	022	SN	J119	F 2	916	00001–99999
W103	P124	ZB	918	W217100C22 3ORN	060	022	SN	J119	F 5	916	00001–99999
W103	P124	ZD	918	W21914F20 2	060	020	GV	J119	C 1	765	00001–99999
W103	P124	ZE	918	W2194C20 2	040	020	GV	J205	D 4	765	00001–99999
W103	P124	ZF	918	W2192C20 2	040	020	GV	J205	D 2	765	00001–99999
W103	P124	ZG	918	W103231B20N 2	048	020	GV	GS104	H	905	00001–99999
W103	P124	ZH	918	W103118B22 2	044	022	GV	P123	A 4	916	00001–99999
W103	P124	ZI	918	W103117B22 2	044	022	GV	P123	A 2	916	00001–99999
W103	P124	ZM	918	W10364B22 2	044	022	GV	P123	A15	916	00001–99999
W103	P124	ZN	918	W10365B22 2	044	022	GV	P123	A 8	916	00001–99999
W103	P124	ZQ	918	W21914C20 2	048	020	GV	J205	D 6	765	00001–99999
W103	P124	ZS	918	A6113A20N 2	048	020	GV	GS101	B	905	00001–99999
W103	P124	ZT	918	W10390A20 2	028	020	GV	P128	A 8	765	00001–99999
W103	P124 SP1			W10336A22 2	084	022	GV	W103 SP19			00001–99999
W103	P124 SP1			W10334B22 2	010	022	GV	P124	V	918	00001–99999
W103	P124 SP1			W10339B22 2	010	022	GV	P124	W	918	00001–99999
W103	P125	A 3	767	W21118B16 2	042	016	GV	J205	E 3	767	00001–99999
W103	P125	A 4	767	W10373B16 2	036	016	GV	J117	LL	924	00001–99999
W103	P125	B 4	765	W10384B20 2	036	020	GV	J118	ZC	917	00001–99999
W103	P125	B 5	765	W103115B20 2	036	020	GV	J122	D	918	00001–99999
W103	P125	C 1	767	W10372A16 2	042	016	GV	A649TB3	1	108	00001–99999
W103	P125	C 2	767	W10371B16 2	036	016	GV	J117	JJ	924	00001–99999
W103	P125	C 3	767	W2361C16 2	061	016	GV	J120	D 1	767	00001–99999
W103	P125	C 4	767	W103136B16 2	036	016	GV	J117	ZY	924	00001–99999
W103	P128	A 1	765	W103165A20 2	051	020	GV	P121	B	918	00001–99999
W103	P128	A 2	765	W10394A20 2	028	020	GV	J118	X	917	00001–99999
W103	P128	A 3	765	W10395A20 2	030	020	GV	J117	X	917	00001–99999
W103	P128	A 4	765	W10391A20 2	032	020	GV	J122	N	918	00001–99999
W103	P128	A 5	765	W103158A20 2	028	020	GV	J129	ZT	918	00001–99999
W103	P128	A 6	765	W10389A20 2	030	020	GV	J116	S	918	00001–99999

Table 3. W103 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W103	P128	A 7	765	W10393A20 2	028	020	GV	J130	W	922	00001–99999
W103	P128	A 8	765	W10390A20 2	028	020	GV	P124	ZT	918	00001–99999
W103	P128	A 9	765	W103173A20 2	010	020	GV	P128	B 1	765	00001–99999
W103	P128	B 1	765	W103173A20 2	010	020	GV	P128	A 9	765	00001–99999
W103	P128	B 2	765	W10392A20 2	036	020	GV	J126	K	917	00001–99999
W103	P128	C 1	765	W103167A20 2	051	020	GV	P121	K	918	00001–99999
W103	P128	C 2	765	W103231A22 2	105	022	GV	W103 SP9		904	00001–99999
W103	P128	C 3	765	W103233A22 2	105	022	GV	W103 SP11		904	00001–99999
W103	P128	C 4	765	W103235A22 2	105	022	GV	W103 SP13		904	00001–99999
W103	P128	D 1	765	W103166A20 2	051	020	GV	P121	F	918	00001–99999
W103	P128	D 2	765	W103184A22 2	105	022	GV	W103 SP3		904	00001–99999
W103	P128	D 3	765	W103186A22 2	105	022	GV	W103 SP5		904	00001–99999
W103	P128	D 4	765	W103188A22 2	105	022	GV	W103 SP7		904	00001–99999
W103	P128	D 9	765	W103183A22 2	010	022	GV	P128	E 1	916	00001–99999
W103	P128	E 1	916	W103183A22 2	010	022	GV	P128	D 9	765	00001–99999
W103	P128	E 4	916	W103230A22 2	010	022	GV	P128	E 5	916	00001–99999
W103	P128	E 5	916	W103230A22 2	010	022	GV	P128	E 4	916	00001–99999
W103	P128	E 9	916	W20742B22 2	036	022	GV	J126	P	917	00001–99999
W103	P128	E10	916	W103198A22 2	100	022	GV	P109 SP1			00001–99999
W103	P128	E11	916	W103218A22 2	105	022	GV	P133 SP1			00001–99999
W103	P128	E13	916	W20748B22 2	036	022	GV	J126	R	917	00001–99999
W103	P128	E14	916	W103208A22 2	100	022	GV	P110 SP1			00001–99999
W103	P128	E15	916	W103228A22 2	105	022	GV	P134 SP1			00001–99999
W103	P128	F 1	916	W20735B22 3	060	022	GV	J119	B14	916	00001–99999
W103	P128	F 2	916	W103190A22 3	100	022	GV	P109	A 1	905	00001–99999
W103	P128	F 3	916	W103210A22 3	105	022	GV	P133	A 1	905	00001–99999
W103	P128	F 5	916	W20744B22 3	060	022	GV	J119	B15	916	00001–99999
W103	P128	F 6	916	W103191A22 3	100	022	GV	P109	G	905	00001–99999
W103	P128	F 7	916	W103211A22 3	105	022	GV	P133	G	905	00001–99999
W103	P128	F 9	916	W20750B22 3	060	022	GV	J119	B13	916	00001–99999
W103	P128	F10	916	W103200A22 3	100	022	GV	P110	A 1	905	00001–99999
W103	P128	F11	916	W103220A22 3	105	022	GV	P134	A 1	905	00001–99999
W103	P128	F13	916	W20736B22 3	060	022	GV	J119	B16	916	00001–99999
W103	P128	F14	916	W103201A22 3	100	022	GV	P110	G	905	00001–99999
W103	P128	F15	916	W103221A22 3	105	022	GV	P134	G	905	00001–99999
W103	P133	A	905	W103212A22 2	010	022	GV	P133 SP1			00001–99999
W103	P133	A 1	905	W103210A22 3	105	022	GV	P128	F 3	916	00001–99999
W103	P133	A 3	905	W103219A22N 2	076	022	GV	GS103	D	905	00001–99999
W103	P133	B	905	W103213A22 2	010	022	GV	P133 SP1			00001–99999
W103	P133	C	905	W103214A22 2	010	022	GV	P133 SP1			00001–99999
W103	P133	D	905	W103215A22 2	010	022	GV	P133 SP1			00001–99999

Table 3. W103 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W103	P133	G	905	W103211A22 3	105	022	GV	P128	F 7	916	00001–99999
W103	P133 SP1			W103218A22 2	105	022	GV	P128	E11	916	00001–99999
W103	P133 SP1			W103212A22 2	010	022	GV	P133	A	905	00001–99999
W103	P133 SP1			W103213A22 2	010	022	GV	P133	B	905	00001–99999
W103	P133 SP1			W103214A22 2	010	022	GV	P133	C	905	00001–99999
W103	P133 SP1			W103215A22 2	010	022	GV	P133	D	905	00001–99999
W103	P134	A	905	W103222A22 2	010	022	GV	P134 SP1			00001–99999
W103	P134	A 1	905	W103220A22 3	105	022	GV	P128	F11	916	00001–99999
W103	P134	A 3	905	W103229A22N 2	076	022	GV	GS103	E	905	00001–99999
W103	P134	B	905	W103223A22 2	010	022	GV	P134 SP1			00001–99999
W103	P134	C	905	W103224A22 2	010	022	GV	P134 SP1			00001–99999
W103	P134	D	905	W103225A22 2	010	022	GV	P134 SP1			00001–99999
W103	P134	G	905	W103221A22 3	105	022	GV	P128	F15	916	00001–99999
W103	P134 SP1			W103228A22 2	105	022	GV	P128	E15	916	00001–99999
W103	P134 SP1			W103222A22 2	010	022	GV	P134	A	905	00001–99999
W103	P134 SP1			W103223A22 2	010	022	GV	P134	B	905	00001–99999
W103	P134 SP1			W103224A22 2	010	022	GV	P134	C	905	00001–99999
W103	P134 SP1			W103225A22 2	010	022	GV	P134	D	905	00001–99999
W103	P144	1	916	A64544B22 2WHT	060	022	SJ	P147	C 3	765	00001–99999
W103	P144	2	916	A64541B22 2BLU	060	022	SJ	P147	C 1	765	00001–99999
W103	P144	3	916	W103111A22N 2	060	022	GV	GS107	E	905	00001–99999
W103	P144	Case	115	W103300A22N 2	006	022	ZZ	P144	SH 1	829	00001–99999
W103	P144	SH 1	829	W103300A22N 2	006	022	ZZ	P144	Case	115	00001–99999
W103	P146	1	916	A64542B22 2BLU	065	022	SJ	P147	C 2	765	00001–99999
W103	P146	2	916	A64545B22 2WHT	065	022	SJ	P147	C 4	765	00001–99999
W103	P146	3	916	W103112A22N 2	065	022	GV	GS108	E	905	00001–99999
W103	P146	Case	115	W103301A22N 2	006	022	ZZ	P146	SH 1	829	00001–99999
W103	P146	SH 1	829	W103301A22N 2	006	022	ZZ	P146	Case	115	00001–99999
W103	P147	A 4	916	A645109B22 2	027	022	GV	J117	A	917	00001–99999
W103	P147	A 5	916	W20773B22 2	056	022	GV	J119	C 7	765	00001–99999
W103	P147	A 7	916	A6457B22 2	042	022	GV	P123	B13	916	00001–99999
W103	P147	A 8	916	A6458B22N 2	012	022	GV	GS107	A	905	00001–99999
W103	P147	A 9	916	A6459B22 2	072	022	GV	P115	B 1	764	00001–99999
W103	P147	A10	916	A64510B22N 2	012	022	GV	GS108	B	905	00001–99999
W103	P147	A11	916	A64515B22 2	072	022	GV	P115	B 2	764	00001–99999
W103	P147	A12	916	A64516B22N 2	024	022	GV	GS108	C	905	00001–99999
W103	P147	A13	916	A64512B22N 2	012	022	GV	GS107	B	905	00001–99999
W103	P147	A14	916	A64511B22 2	042	022	GV	P123	B14	916	00001–99999
W103	P147	A15	916	A64513B22N 2	012	022	GV	GS107	C	905	00001–99999
W103	P147	A16	916	A64514B22 2	042	022	GV	P123	B15	916	00001–99999
W103	P147	B11	916	A64537B22 2	042	022	GV	P123	B16	916	00001–99999

Table 3. W103 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W103	P147	B12	916	A64538B22N 2	060	022	GV	GS108	A	905	00001–99999
W103	P147	C 1	765	A64541B22 2BLU	060	022	SJ	P144	2	916	00001–99999
W103	P147	C 2	765	A64542B22 2BLU	065	022	SJ	P146	1	916	00001–99999
W103	P147	C 3	765	A64544B22 2WHT	060	022	SJ	P144	1	916	00001–99999
W103	P147	C 4	765	A64545B22 2WHT	065	022	SJ	P146	2	916	00001–99999
W103	P147	C 5	765	W103110B20 2	027	020	GV	J117	ZR	917	00001–99999
W103	P147	C 6	765	W103127A22N 2	006	022	ZZ	P147	SH 2	829	00001–99999
W103	P147	SH 1	829	W103302A22N 2	006	022	ZZ	P147	SH 2		00001–99999
W103	P147	SH 2	829	W103127A22N 2	006	022	ZZ	P147	C 6	765	00001–99999
W103	P147	SH 2		W103302A22N 2	006	022	ZZ	P147	SH 1	829	00001–99999
W103	W103 SP1		904	W103305A22 2	132	022	GV	J129	P	918	00001–99999
W103	W103 SP2		904	W103306A22N 2	075	022	GV	GS102	G	905	00001–99999
W103	W103 SP3		904	W103184A22 2	105	022	GV	P128	D 2	765	00001–99999
W103	W103 SP4		904	W103185A22N 2	075	022	GV	GS102	B	905	00001–99999
W103	W103 SP5		904	W103186A22 2	105	022	GV	P128	D 3	765	00001–99999
W103	W103 SP6		904	W103187A22N 2	075	022	GV	GS102	C	905	00001–99999
W103	W103 SP7		904	W103188A22 2	105	022	GV	P128	D 4	765	00001–99999
W103	W103 SP8		904	W103189A22N 2	075	022	GV	GS102	D	905	00001–99999
W103	W103 SP9		904	W103231A22 2	105	022	GV	P128	C 2	765	00001–99999
W103	W103 SP10		904	W103232A22N 2	075	022	GV	GS103	A	905	00001–99999
W103	W103 SP11		904	W103233A22 2	105	022	GV	P128	C 3	765	00001–99999
W103	W103 SP12		904	W103234A22N 2	075	022	GV	GS103	B	905	00001–99999
W103	W103 SP13		904	W103235A22 2	105	022	GV	P128	C 4	765	00001–99999
W103	W103 SP14		904	W103236A22N 2	075	022	GV	GS103	C	905	00001–99999
W103	W103 SP15		905	W103119B20 2	060	020	GV	J116	V	918	00001–99999
W103	W103 SP16		905	W103120B20 2	050	020	GV	J116	U	918	00001–99999
W103	W103 SP17		905	W103168A20 2	050	020	GV	P121	P	918	00001–99999
W103	W103 SP18		905	W103182A20N 2	048	020	GV	GS101	B	905	00001–99999
W103	W103 SP19			W10341A22N 2	075	022	GV	GS104	E	905	00001–99999
W103	W103 SP19			W10336A22 2	084	022	GV	P124 SP1			00001–99999

Table 4. W105 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W105	A627K1	A 2	198	W1052A02 2	228	002	UM	A649TB1	1	198	00001–99999
W105	A627K2	A 2	198	W1051A02 2	228	002	UM	A649TB2	1	198	00001–99999
W105	A649TB1	1	198	W1052A02 2	228	002	UM	A627K1	A 2	198	00001–99999
W105	A649TB2	1	198	W1051A02 2	228	002	UM	A627K2	A 2	198	00001–99999

Table 5. W106 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W106	P1	A	A11	W10613A22 3	103	022	GV	P140	D14	720	00001–99999
W106	P1	B	A11	W10615A22 3	103	022	GV	P140	D13	720	00001–99999
W106	P1	D	A11	W10610A20 2WHT	103	020	SM	P140	E 5	764	00001–99999
W106	P1	E	A11	W10611A20 2BLU	103	020	SM	P140	E 3	764	00001–99999
W106	P1	F	A11	W10612A20 2GRN	103	020	SM	P140	E 4	764	00001–99999
W106	P1	H	A11	W1061A22 2	103	022	GV	P140	D 1	720	00001–99999
W106	P1	L	A11	W1062A22 2	103	022	GV	P140	D 2	720	00001–99999
W106	P1	S	A11	W1065A22 3	103	022	GV	P140	D10	720	00001–99999
W106	P1	T	A11	W1064A22 3	103	022	GV	P140	D 9	720	00001–99999
W106	P1	U	A11	W1067A22 2	103	022	GV	P140	D 5	720	00001–99999
W106	P1	V	A11	W1066A22 2	103	022	GV	P140	D 4	720	00001–99999
W106	P1	W	A11	W10618A22 3	103	022	GV	P140	D16	720	00001–99999
W106	P1	X	A11	W10614A22 3	103	022	GV	P140	D15	720	00001–99999
W106	P1	Y	A11	W10617A22 3	103	022	GV	P140	D11	720	00001–99999
W106	P1	Z	A11	W1068A20 2ORN	103	020	SM	P140	E 1	764	00001–99999
W106	P1	ZA	A11	W1069A20 2RED	103	020	SM	P140	E 2	764	00001–99999
W106	P1	ZD	A11	W1063A22 2	103	022	GV	P140	D 3	720	00001–99999
W106	P1	ZJ	A11	W10616A22 3	103	022	GV	P140	D12	720	00001–99999
W106	P140	D 1	720	W1061A22 2	103	022	GV	P1	H	A11	00001–99999
W106	P140	D 2	720	W1062A22 2	103	022	GV	P1	L	A11	00001–99999
W106	P140	D 3	720	W1063A22 2	103	022	GV	P1	ZD	A11	00001–99999
W106	P140	D 4	720	W1066A22 2	103	022	GV	P1	V	A11	00001–99999
W106	P140	D 5	720	W1067A22 2	103	022	GV	P1	U	A11	00001–99999
W106	P140	D 9	720	W1064A22 3	103	022	GV	P1	T	A11	00001–99999
W106	P140	D10	720	W1065A22 3	103	022	GV	P1	S	A11	00001–99999
W106	P140	D11	720	W10617A22 3	103	022	GV	P1	Y	A11	00001–99999
W106	P140	D12	720	W10616A22 3	103	022	GV	P1	ZJ	A11	00001–99999
W106	P140	D13	720	W10615A22 3	103	022	GV	P1	B	A11	00001–99999
W106	P140	D14	720	W10613A22 3	103	022	GV	P1	A	A11	00001–99999
W106	P140	D15	720	W10614A22 3	103	022	GV	P1	X	A11	00001–99999
W106	P140	D16	720	W10618A22 3	103	022	GV	P1	W	A11	00001–99999
W106	P140	E 1	764	W1068A20 2ORN	103	020	SM	P1	Z	A11	00001–99999
W106	P140	E 2	764	W1069A20 2RED	103	020	SM	P1	ZA	A11	00001–99999
W106	P140	E 3	764	W10611A20 2BLU	103	020	SM	P1	E	A11	00001–99999
W106	P140	E 4	764	W10612A20 2GRN	103	020	SM	P1	F	A11	00001–99999
W106	P140	E 5	764	W10610A20 2WHT	103	020	SM	P1	D	A11	00001–99999
W106	P140	E 6	764	W10619A20 2	006	020	ZZ	P140	SH 1	828	00001–99999
W106	P140	SH 1	828	W10619A20 2	006	020	ZZ	P140	E 6	764	00001–99999

Table 6. W107 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W107	P1	A	A11	W10713A22 3	052	022	GV	P143	A	917	00001–99999
W107	P1	B	A11	W10715A22 3	052	022	GV	P143	B	917	00001–99999
W107	P1	D	A11	W10710A20 2WHT	052	020	SM	P143	D	917	00001–99999
W107	P1	E	A11	W10711A20 2BLU	052	020	SM	P143	E	917	00001–99999
W107	P1	F	A11	W10712A20 2GRN	052	020	SM	P143	F	917	00001–99999
W107	P1	H	A11	W1071A22 2	052	022	GV	P143	H	917	00001–99999
W107	P1	L	A11	W1072A22 2	052	022	GV	P143	L	917	00001–99999
W107	P1	S	A11	W1075A22 3	052	022	GV	P143	S	917	00001–99999
W107	P1	T	A11	W1074A22 3	052	022	GV	P143	T	917	00001–99999
W107	P1	U	A11	W1077A22 2	052	022	GV	P143	U	917	00001–99999
W107	P1	V	A11	W1076A22 2	052	022	GV	P143	V	917	00001–99999
W107	P1	W	A11	W10718A22 3	052	022	GV	P143	W	917	00001–99999
W107	P1	X	A11	W10714A22 3	052	022	GV	P143	X	917	00001–99999
W107	P1	Y	A11	W10717A22 3	052	022	GV	P143	Y	917	00001–99999
W107	P1	Z	A11	W1078A20 2ORN	052	020	SM	P143	Z	917	00001–99999
W107	P1	ZA	A11	W1079A20 2RED	052	020	SM	P143	ZA	917	00001–99999
W107	P1	ZD	A11	W1073A22 2	052	022	GV	P143	ZD	917	00001–99999
W107	P1	ZJ	A11	W10716A22 3	052	022	GV	P143	ZJ	917	00001–99999
W107	P143	A	917	W10713A22 3	052	022	GV	P1	A	A11	00001–99999
W107	P143	B	917	W10715A22 3	052	022	GV	P1	B	A11	00001–99999
W107	P143	D	917	W10710A20 2WHT	052	020	SM	P1	D	A11	00001–99999
W107	P143	E	917	W10711A20 2BLU	052	020	SM	P1	E	A11	00001–99999
W107	P143	F	917	W10712A20 2GRN	052	020	SM	P1	F	A11	00001–99999
W107	P143	G	917	W10719A20 2	006	020	ZZ	P143	SH 1	828	00001–99999
W107	P143	H	917	W1071A22 2	052	022	GV	P1	H	A11	00001–99999
W107	P143	L	917	W1072A22 2	052	022	GV	P1	L	A11	00001–99999
W107	P143	S	917	W1075A22 3	052	022	GV	P1	S	A11	00001–99999
W107	P143	T	917	W1074A22 3	052	022	GV	P1	T	A11	00001–99999
W107	P143	U	917	W1077A22 2	052	022	GV	P1	U	A11	00001–99999
W107	P143	V	917	W1076A22 2	052	022	GV	P1	V	A11	00001–99999
W107	P143	W	917	W10718A22 3	052	022	GV	P1	W	A11	00001–99999
W107	P143	X	917	W10714A22 3	052	022	GV	P1	X	A11	00001–99999
W107	P143	Y	917	W10717A22 3	052	022	GV	P1	Y	A11	00001–99999
W107	P143	Z	917	W1078A20 2ORN	052	020	SM	P1	Z	A11	00001–99999
W107	P143	ZA	917	W1079A20 2RED	052	020	SM	P1	ZA	A11	00001–99999
W107	P143	ZD	917	W1073A22 2	052	022	GV	P1	ZD	A11	00001–99999
W107	P143	ZJ	917	W10716A22 3	052	022	GV	P1	ZJ	A11	00001–99999
W107	P143	SH 1	828	W10719A20 2	006	020	ZZ	P143	G	917	00001–99999

Table 7. W108 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W108	P1	A	765	W1088A22 2	053	022	GV	P140	A 8	720	00001–99999
W108	P1	B	765	W1081A22 2	053	022	GV	P140	A 1	720	00001–99999
W108	P1	C	765	W1082A22 2	053	022	GV	P140	A 2	720	00001–99999
W108	P1	D	765	W1083A22 2	053	022	GV	P140	A 3	720	00001–99999
W108	P1	E	765	W10812A22 2	053	022	GV	P140	A13	720	00001–99999
W108	P1	F	765	W10811A22 2	053	022	GV	P140	A14	720	00001–99999
W108	P1	G	765	W10813A22 2	053	022	GV	P140	A15	720	00001–99999
W108	P1	H	765	W10814A22 2	053	022	GV	P140	A16	720	00001–99999
W108	P1	J	765	W10822A22 3	053	022	GV	P140	C 4	720	00001–99999
W108	P1	K	765	W10824A22 3	053	022	GV	P140	C 6	720	00001–99999
W108	P1	L	765	W10825A22 2	053	022	GV	P140	C 7	720	00001–99999
W108	P1	M	765	W10826A22 3	053	022	GV	P140	C 8	720	00001–99999
W108	P1	N	765	W10827A22 3	053	022	GV	P140	C 9	720	00001–99999
W108	P1	P	765	W10832A22 2	053	022	GV	P140	B 5	720	00001–99999
W108	P1	R	765	W10833A22 2	053	022	GV	P140	B 6	720	00001–99999
W108	P1	S	765	W10815A22 2	053	022	GV	P140	A11	720	00001–99999
W108	P1	T	765	W10816A22 2	053	022	GV	P140	A12	720	00001–99999
W108	P1	U	765	W1089A22 2	053	022	GV	P140	A 9	720	00001–99999
W108	P1	V	765	W10810A22 2	053	022	GV	P140	A10	720	00001–99999
W108	P1	W	765	W1087A22 2	053	022	GV	P140	A 7	720	00001–99999
W108	P1	X	765	W1084A22 2	053	022	GV	P140	A 4	720	00001–99999
W108	P1	Y	765	W1085A22 2	053	022	GV	P140	A 5	720	00001–99999
W108	P1	Z	765	W1086A22 2	053	022	GV	P140	A 6	720	00001–99999
W108	P1	ZC	765	W10819A22 2	053	022	GV	P140	C 1	720	00001–99999
W108	P1	ZD	765	W10823A22 3	053	022	GV	P140	C 5	720	00001–99999
W108	P1	ZE	765	W10821A22 3	053	022	GV	P140	C 3	720	00001–99999
W108	P1	ZF	765	W10828A22 3	053	022	GV	P140	C10	720	00001–99999
W108	P1	ZG	765	W10830A22 2	053	022	GV	P140	B 4	720	00001–99999
W108	P1	ZH	765	W10829A22 2	053	022	GV	P140	B 3	720	00001–99999
W108	P1	ZI	765	W10818A22 2	053	022	GV	P140	B 2	720	00001–99999
W108	P1	ZJ	765	W10817A22 2	053	022	GV	P140	B 1	720	00001–99999
W108	P1	ZP	765	W10820A22 3	053	022	GV	P140	C 2	720	00001–99999
W108	P1	ZQ	765	W10831A22 2	053	022	GV	P140	B 7	720	00001–99999
W108	P140	A 1	720	W1081A22 2	053	022	GV	P1	B	765	00001–99999
W108	P140	A 2	720	W1082A22 2	053	022	GV	P1	C	765	00001–99999
W108	P140	A 3	720	W1083A22 2	053	022	GV	P1	D	765	00001–99999
W108	P140	A 4	720	W1084A22 2	053	022	GV	P1	X	765	00001–99999
W108	P140	A 5	720	W1085A22 2	053	022	GV	P1	Y	765	00001–99999
W108	P140	A 6	720	W1086A22 2	053	022	GV	P1	Z	765	00001–99999
W108	P140	A 7	720	W1087A22 2	053	022	GV	P1	W	765	00001–99999
W108	P140	A 8	720	W1088A22 2	053	022	GV	P1	A	765	00001–99999

Table 7. W108 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W108	P140	A 9	720	W1089A22 2	053	022	GV	P1	U	765	00001–99999
W108	P140	A10	720	W10810A22 2	053	022	GV	P1	V	765	00001–99999
W108	P140	A11	720	W10815A22 2	053	022	GV	P1	S	765	00001–99999
W108	P140	A12	720	W10816A22 2	053	022	GV	P1	T	765	00001–99999
W108	P140	A13	720	W10812A22 2	053	022	GV	P1	E	765	00001–99999
W108	P140	A14	720	W10811A22 2	053	022	GV	P1	F	765	00001–99999
W108	P140	A15	720	W10813A22 2	053	022	GV	P1	G	765	00001–99999
W108	P140	A16	720	W10814A22 2	053	022	GV	P1	H	765	00001–99999
W108	P140	B 1	720	W10817A22 2	053	022	GV	P1	ZJ	765	00001–99999
W108	P140	B 2	720	W10818A22 2	053	022	GV	P1	ZI	765	00001–99999
W108	P140	B 3	720	W10829A22 2	053	022	GV	P1	ZH	765	00001–99999
W108	P140	B 4	720	W10830A22 2	053	022	GV	P1	ZG	765	00001–99999
W108	P140	B 5	720	W10832A22 2	053	022	GV	P1	P	765	00001–99999
W108	P140	B 6	720	W10833A22 2	053	022	GV	P1	R	765	00001–99999
W108	P140	B 7	720	W10831A22 2	053	022	GV	P1	ZQ	765	00001–99999
W108	P140	C 1	720	W10819A22 2	053	022	GV	P1	ZC	765	00001–99999
W108	P140	C 2	720	W10820A22 3	053	022	GV	P1	ZP	765	00001–99999
W108	P140	C 3	720	W10821A22 3	053	022	GV	P1	ZE	765	00001–99999
W108	P140	C 4	720	W10822A22 3	053	022	GV	P1	J	765	00001–99999
W108	P140	C 5	720	W10823A22 3	053	022	GV	P1	ZD	765	00001–99999
W108	P140	C 6	720	W10824A22 3	053	022	GV	P1	K	765	00001–99999
W108	P140	C 7	720	W10825A22 2	053	022	GV	P1	L	765	00001–99999
W108	P140	C 8	720	W10826A22 3	053	022	GV	P1	M	765	00001–99999
W108	P140	C 9	720	W10827A22 3	053	022	GV	P1	N	765	00001–99999
W108	P140	C10	720	W10828A22 3	053	022	GV	P1	ZF	765	00001–99999

Table 8. W109 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W109	P1	A	765	W1098A22 2	047	022	GV	P141	A	917	00001–99999
W109	P1	B	765	W1091A22 2	047	022	GV	P141	B	917	00001–99999
W109	P1	C	765	W1092A22 2	047	022	GV	P141	C	917	00001–99999
W109	P1	D	765	W1093A22 2	047	022	GV	P141	D	917	00001–99999
W109	P1	E	765	W10912A22 2	047	022	GV	P141	E	917	00001–99999
W109	P1	F	765	W10911A22 2	047	022	GV	P141	F	917	00001–99999
W109	P1	G	765	W10913A22 2	047	022	GV	P141	G	917	00001–99999
W109	P1	H	765	W10914A22 2	047	022	GV	P141	H	917	00001–99999
W109	P1	J	765	W10922A22 3	047	022	GV	P141	J	917	00001–99999
W109	P1	K	765	W10924A22 3	047	022	GV	P141	K	917	00001–99999
W109	P1	L	765	W10925A22 3	047	022	GV	P141	L	917	00001–99999
W109	P1	M	765	W10926A22 3	047	022	GV	P141	M	917	00001–99999
W109	P1	N	765	W10927A22 3	047	022	GV	P141	N	917	00001–99999
W109	P1	P	765	W10932A22 2	047	022	GV	P141	P	917	00001–99999
W109	P1	R	765	W10933A22 2	047	022	GV	P141	R	917	00001–99999
W109	P1	S	765	W10915A22 2	047	022	GV	P141	S	917	00001–99999
W109	P1	T	765	W10916A22 2	047	022	GV	P141	T	917	00001–99999
W109	P1	U	765	W1099A22 2	047	022	GV	P141	U	917	00001–99999
W109	P1	V	765	W10910A22 2	047	022	GV	P141	V	917	00001–99999
W109	P1	W	765	W1097A22 2	047	022	GV	P141	W	917	00001–99999
W109	P1	X	765	W1094A22 2	047	022	GV	P141	X	917	00001–99999
W109	P1	Y	765	W1095A22 2	047	022	GV	P141	Y	917	00001–99999
W109	P1	Z	765	W1096A22 2	047	022	GV	P141	Z	917	00001–99999
W109	P1	ZC	765	W10919A22 3	047	022	GV	P141	ZC	917	00001–99999
W109	P1	ZD	765	W10923A22 3	047	022	GV	P141	ZD	917	00001–99999
W109	P1	ZE	765	W10921A22 3	047	022	GV	P141	ZE	917	00001–99999
W109	P1	ZF	765	W10928A22 3	047	022	GV	P141	ZF	917	00001–99999
W109	P1	ZG	765	W10930A22 2	047	022	GV	P141	ZG	917	00001–99999
W109	P1	ZH	765	W10929A22 2	047	022	GV	P141	ZH	917	00001–99999
W109	P1	ZI	765	W10918A22 2	047	022	GV	P141	ZI	917	00001–99999
W109	P1	ZJ	765	W10917A22 2	047	022	GV	P141	ZJ	917	00001–99999
W109	P1	ZP	765	W10920A22 3	047	022	GV	P141	ZP	917	00001–99999
W109	P1	ZQ	765	W10931A22 2	047	022	GV	P141	ZQ	917	00001–99999
W109	P141	A	917	W1098A22 2	047	022	GV	P1	A	765	00001–99999
W109	P141	B	917	W1091A22 2	047	022	GV	P1	B	765	00001–99999
W109	P141	C	917	W1092A22 2	047	022	GV	P1	C	765	00001–99999
W109	P141	D	917	W1093A22 2	047	022	GV	P1	D	765	00001–99999
W109	P141	E	917	W10912A22 2	047	022	GV	P1	E	765	00001–99999
W109	P141	F	917	W10911A22 2	047	022	GV	P1	F	765	00001–99999
W109	P141	G	917	W10913A22 2	047	022	GV	P1	G	765	00001–99999
W109	P141	H	917	W10914A22 2	047	022	GV	P1	H	765	00001–99999

Table 8. W109 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W109	P141	J	917	W10922A22 3	047	022	GV	P1	J	765	00001–99999
W109	P141	K	917	W10924A22 3	047	022	GV	P1	K	765	00001–99999
W109	P141	L	917	W10925A22 3	047	022	GV	P1	L	765	00001–99999
W109	P141	M	917	W10926A22 3	047	022	GV	P1	M	765	00001–99999
W109	P141	N	917	W10927A22 3	047	022	GV	P1	N	765	00001–99999
W109	P141	P	917	W10932A22 2	047	022	GV	P1	P	765	00001–99999
W109	P141	R	917	W10933A22 2	047	022	GV	P1	R	765	00001–99999
W109	P141	S	917	W10915A22 2	047	022	GV	P1	S	765	00001–99999
W109	P141	T	917	W10916A22 2	047	022	GV	P1	T	765	00001–99999
W109	P141	U	917	W1099A22 2	047	022	GV	P1	U	765	00001–99999
W109	P141	V	917	W10910A22 2	047	022	GV	P1	V	765	00001–99999
W109	P141	W	917	W1097A22 2	047	022	GV	P1	W	765	00001–99999
W109	P141	X	917	W1094A22 2	047	022	GV	P1	X	765	00001–99999
W109	P141	Y	917	W1095A22 2	047	022	GV	P1	Y	765	00001–99999
W109	P141	Z	917	W1096A22 2	047	022	GV	P1	Z	765	00001–99999
W109	P141	ZC	917	W10919A22 3	047	022	GV	P1	ZC	765	00001–99999
W109	P141	ZD	917	W10923A22 3	047	022	GV	P1	ZD	765	00001–99999
W109	P141	ZE	917	W10921A22 3	047	022	GV	P1	ZE	765	00001–99999
W109	P141	ZF	917	W10928A22 3	047	022	GV	P1	ZF	765	00001–99999
W109	P141	ZG	917	W10930A22 2	047	022	GV	P1	ZG	765	00001–99999
W109	P141	ZH	917	W10929A22 2	047	022	GV	P1	ZH	765	00001–99999
W109	P141	ZI	917	W10918A22 2	047	022	GV	P1	ZI	765	00001–99999
W109	P141	ZJ	917	W10917A22 2	047	022	GV	P1	ZJ	765	00001–99999
W109	P141	ZP	917	W10920A22 3	047	022	GV	P1	ZP	765	00001–99999
W109	P141	ZQ	917	W10931A22 2	047	022	GV	P1	ZQ	765	00001–99999

Table 9. W111 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W111	A643K9	A 2	112	W2016B12 2	158	012	GV	J157	A	923	00001–99999
W111	A643K9	B 2	112	W2017B12 2	158	012	GV	J157	B	923	00001–99999
W111	GS114		103	W11111A20N 2	040	020	GV	W111 SP4		905	00001–99999
W111	GS115		103	W11119A22N 2	058	022	GV	W111 SP2		904	00001–99999
W111	GS214		103	W11116A20N 2	015	020	GV	W111 SP8		905	00001–99999
W111	GS215		103	W11112A20N 2	015	020	GV	W111 SP6		905	00001–99999
W111	J148	A 1	916	W11120A22 1WHT	154	022	SJ	J152	1	A11	00001–99999
W111	J148	A 2	916	W11128A22 1BLU	154	022	SJ	J152	3	A11	00001–99999
W111	J148	A 3	916	W11144A22 1	006	022	ZZ	J148	SH 1	829	00001–99999
W111	J148	A 5	916	W11121A22 1WHT	154	022	SJ	J152	2	A11	00001–99999
W111	J148	A 6	916	W11129A22 1BLU	154	022	SJ	J152	4	A11	00001–99999
W111	J148	A 7	916	W11145A22 1	006	022	ZZ	J148	SH 2	829	00001–99999
W111	J148	A 9	916	W11122A22 1WHT	140	022	SJ	J159 SP1			00001–99999
W111	J148	A10	916	W11130A22 1BLU	140	022	SJ	J159 SP2			00001–99999
W111	J148	A11	916	W11146A22 1	006	022	ZZ	J148	SH 3	829	00001–99999
W111	J148	A13	916	W11123A22 1WHT	140	022	SJ	J159 SP3			00001–99999
W111	J148	A14	916	W11131A22 1BLU	140	022	SJ	J159 SP4			00001–99999
W111	J148	A15	916	W11147A22 1	006	022	ZZ	J148	SH 4	829	00001–99999
W111	J148	B 1	916	W11124A22 1WHT	208	022	SJ	J201	B	A11	00001–99999
W111	J148	B 2	916	W11138A22 1BLU	208	022	SJ	J201	C	A11	00001–99999
W111	J148	B 3	916	W11148A22 1	006	022	ZZ	J148	SH 5	829	00001–99999
W111	J148	B 4	916	W11150A22 3	208	022	GV	J201	E	A11	00001–99999
W111	J148	B 5	916	W11125A22 1WHT	208	022	SJ	J201	D	A11	00001–99999
W111	J148	B 6	916	W11139A22 1BLU	208	022	SJ	J201	A	A11	00001–99999
W111	J148	B 7	916	W11149A22 1	006	022	ZZ	J148	SH 6	829	00001–99999
W111	J148	B 8	916	W11151A22 3	208	022	GV	J201	F	A11	00001–99999
W111	J148	SH 1	829	W11144A22 1	006	022	ZZ	J148	A 3	916	00001–99999
W111	J148	SH 2	829	W11145A22 1	006	022	ZZ	J148	A 7	916	00001–99999
W111	J148	SH 3	829	W11146A22 1	006	022	ZZ	J148	A11	916	00001–99999
W111	J148	SH 4	829	W11147A22 1	006	022	ZZ	J148	A15	916	00001–99999
W111	J148	SH 5	829	W11148A22 1	006	022	ZZ	J148	B 3	916	00001–99999
W111	J148	SH 6	829	W11149A22 1	006	022	ZZ	J148	B 7	916	00001–99999
W111	J151	1	A11	W11140A22 1	010	022	GV	J159 SP1			00001–99999
W111	J151	2	A11	W11142A22 1	010	022	GV	J159 SP3			00001–99999
W111	J151	3	A11	W11141A22 1	010	022	GV	J159 SP2			00001–99999
W111	J151	4	A11	W11143A22 1	010	022	GV	J159 SP4			00001–99999
W111	J152	1	A11	W11120A22 1WHT	154	022	SJ	J148	A 1	916	00001–99999
W111	J152	2	A11	W11121A22 1WHT	154	022	SJ	J148	A 5	916	00001–99999
W111	J152	3	A11	W11128A22 1BLU	154	022	SJ	J148	A 2	916	00001–99999
W111	J152	4	A11	W11129A22 1BLU	154	022	SJ	J148	A 6	916	00001–99999
W111	J157	A	923	W2016B12 2	158	012	GV	A643K9	A 2	112	00001–99999

Table 9. W111 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W111	J157	B	923	W2017B12 2	158	012	GV	A643K9	B 2	112	00001–99999
W111	J157	C	922	W2361B16 2	140	016	GV	P120	D 1	766	00001–99999
W111	J157	F	922	W2011B20 2	140	020	GV	P120	E 1	764	00001–99999
W111	J157	G	922	W2012B20 2	140	020	GV	P120	E 2	764	00001–99999
W111	J157	H	922	W20110B20 2	140	020	GV	P120	F 1	764	00001–99999
W111	J157	J	922	W2015B20 2	140	020	GV	P120	E 9	764	00001–99999
W111	J157	U	922	W2013B20 2	140	020	GV	P120	E 3	764	00001–99999
W111	J157	V	922	W2014B20 2	140	020	GV	P120	E 4	764	00001–99999
W111	J159	A	A11	W11131B22 1	010	022	GV	J159 SP4			00001–99999
W111	J159	B	A11	W11122B22 1	010	022	GV	J159 SP1			00001–99999
W111	J159	C	A11	W11130B22 1	010	022	GV	J159 SP2			00001–99999
W111	J159	D	A11	W11123B22 1	010	022	GV	J159 SP3			00001–99999
W111	J159 SP1			W11122A22 1WHT	140	022	SJ	J148	A 9	916	00001–99999
W111	J159 SP1			W11140A22 1	010	022	GV	J151	1	A11	00001–99999
W111	J159 SP1			W11122B22 1	010	022	GV	J159	B	A11	00001–99999
W111	J159 SP2			W11130A22 1BLU	140	022	SJ	J148	A10	916	00001–99999
W111	J159 SP2			W11141A22 1	010	022	GV	J151	3	A11	00001–99999
W111	J159 SP2			W11130B22 1	010	022	GV	J159	C	A11	00001–99999
W111	J159 SP3			W11123A22 1WHT	140	022	SJ	J148	A13	916	00001–99999
W111	J159 SP3			W11142A22 1	010	022	GV	J151	2	A11	00001–99999
W111	J159 SP3			W11123B22 1	010	022	GV	J159	D	A11	00001–99999
W111	J159 SP4			W11131A22 1BLU	140	022	SJ	J148	A14	916	00001–99999
W111	J159 SP4			W11143A22 1	010	022	GV	J151	4	A11	00001–99999
W111	J159 SP4			W11131B22 1	010	022	GV	J159	A	A11	00001–99999
W111	J201	A	A11	W11139A22 1BLU	208	022	SJ	J148	B 6	916	00001–99999
W111	J201	B	A11	W11124A22 1WHT	208	022	SJ	J148	B 1	916	00001–99999
W111	J201	C	A11	W11138A22 1BLU	208	022	SJ	J148	B 2	916	00001–99999
W111	J201	D	A11	W11125A22 1WHT	208	022	SJ	J148	B 5	916	00001–99999
W111	J201	E	A11	W11150A22 3	208	022	GV	J148	B 4	916	00001–99999
W111	J201	F	A11	W11151A22 3	208	022	GV	J148	B 8	916	00001–99999
W111	P120	D 1	766	W2361B16 2	140	016	GV	J157	C	922	00001–99999
W111	P120	E 1	764	W2011B20 2	140	020	GV	J157	F	922	00001–99999
W111	P120	E 2	764	W2012B20 2	140	020	GV	J157	G	922	00001–99999
W111	P120	E 3	764	W2013B20 2	140	020	GV	J157	U	922	00001–99999
W111	P120	E 4	764	W2014B20 2	140	020	GV	J157	V	922	00001–99999
W111	P120	E 9	764	W2015B20 2	140	020	GV	J157	J	922	00001–99999
W111	P120	F 1	764	W20110B20 2	140	020	GV	J157	H	922	00001–99999
W111	P120	F 4	764	W1112A20 2	134	020	GV	W111 SP3		905	00001–99999
W111	P120	F 5	764	W1111A20 2	178	020	GV	W111 SP9		905	00001–99999
W111	P120	F 6	764	W1113A22 2	150	022	GV	W111 SP1		904	00001–99999
W111	W111 SP1		904	W1113A22 2	150	022	GV	P120	F 6	764	00001–99999

Table 9. W111 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W111	W111 SP2		904	W11119A22N 2	058	022	GV	GS115		103	00001–99999
W111	W111 SP3		905	W1112A20 2	134	020	GV	P120	F 4	764	00001–99999
W111	W111 SP4		905	W11111A20N 2	040	020	GV	GS114		103	00001–99999
W111	W111 SP5		905	W11113A20 2	034	020	GV	W111 SP9		905	00001–99999
W111	W111 SP6		905	W11112A20N 2	015	020	GV	GS215		103	00001–99999
W111	W111 SP7		905	W11115A20 2	037	020	GV	W111 SP9		905	00001–99999
W111	W111 SP8		905	W11116A20N 2	015	020	GV	GS214		103	00001–99999
W111	W111 SP9		905	W1111A20 2	178	020	GV	P120	F 5	764	00001–99999
W111	W111 SP9		905	W11113A20 2	034	020	GV	W111 SP5		905	00001–99999
W111	W111 SP9		905	W11115A20 2	037	020	GV	W111 SP7		905	00001–99999

Table 10. W115 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W115	J143	A	918	W10713B22 3	061	022	GV	P145	D14	720	00001–99999
W115	J143	B	918	W10715B22 3	061	022	GV	P145	D13	720	00001–99999
W115	J143	D	918	W10710B20 2WHT	061	020	SM	P145	E 5	764	00001–99999
W115	J143	E	918	W10711B20 2BLU	061	020	SM	P145	E 3	764	00001–99999
W115	J143	F	918	W10712B20 2GRN	061	020	SM	P145	E 4	764	00001–99999
W115	J143	G	918	W1152A20 2	006	020	ZZ	J143	SH 1	828	00001–99999
W115	J143	H	918	W1071B22 2	061	022	GV	P145	D 1	720	00001–99999
W115	J143	L	918	W1072B22 2	061	022	GV	P145	D 2	720	00001–99999
W115	J143	S	918	W1075B22 3	061	022	GV	P145	D10	720	00001–99999
W115	J143	T	918	W1074B22 3	061	022	GV	P145	D 9	720	00001–99999
W115	J143	U	918	W1077B22 2	061	022	GV	P145	D 5	720	00001–99999
W115	J143	V	918	W1076B22 2	061	022	GV	P145	D 4	720	00001–99999
W115	J143	W	918	W10718B22 3	061	022	GV	P145	D16	720	00001–99999
W115	J143	X	918	W10714B22 3	061	022	GV	P145	D15	720	00001–99999
W115	J143	Y	918	W10717B22 3	061	022	GV	P145	D11	720	00001–99999
W115	J143	Z	918	W1078B20 2ORN	061	020	SM	P145	E 1	764	00001–99999
W115	J143	ZA	918	W1079B20 2RED	061	020	SM	P145	E 2	764	00001–99999
W115	J143	ZD	918	W1073B22 2	061	022	GV	P145	D 3	720	00001–99999
W115	J143	ZJ	918	W10716B22 3	061	022	GV	P145	D12	720	00001–99999
W115	J143	SH 1	828	W1152A20 2	006	020	ZZ	J143	G	918	00001–99999
W115	P145	D 1	720	W1071B22 2	061	022	GV	J143	H	918	00001–99999
W115	P145	D 2	720	W1072B22 2	061	022	GV	J143	L	918	00001–99999
W115	P145	D 3	720	W1073B22 2	061	022	GV	J143	ZD	918	00001–99999
W115	P145	D 4	720	W1076B22 2	061	022	GV	J143	V	918	00001–99999
W115	P145	D 5	720	W1077B22 2	061	022	GV	J143	U	918	00001–99999
W115	P145	D 9	720	W1074B22 3	061	022	GV	J143	T	918	00001–99999
W115	P145	D10	720	W1075B22 3	061	022	GV	J143	S	918	00001–99999
W115	P145	D11	720	W10717B22 3	061	022	GV	J143	Y	918	00001–99999
W115	P145	D12	720	W10716B22 3	061	022	GV	J143	ZJ	918	00001–99999
W115	P145	D13	720	W10715B22 3	061	022	GV	J143	B	918	00001–99999
W115	P145	D14	720	W10713B22 3	061	022	GV	J143	A	918	00001–99999
W115	P145	D15	720	W10714B22 3	061	022	GV	J143	X	918	00001–99999
W115	P145	D16	720	W10718B22 3	061	022	GV	J143	W	918	00001–99999
W115	P145	E 1	764	W1078B20 2ORN	061	020	SM	J143	Z	918	00001–99999
W115	P145	E 2	764	W1079B20 2RED	061	020	SM	J143	ZA	918	00001–99999
W115	P145	E 3	764	W10711B20 2BLU	061	020	SM	J143	E	918	00001–99999
W115	P145	E 4	764	W10712B20 2GRN	061	020	SM	J143	F	918	00001–99999
W115	P145	E 5	764	W10710B20 2WHT	061	020	SM	J143	D	918	00001–99999
W115	P145	E 6	764	W1151A20 2	006	020	ZZ	P145	SH 1	828	00001–99999
W115	P145	SH 1	828	W1151A20 2	006	020	ZZ	P145	E 6	764	00001–99999

Table 11. W117 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W117	J141	A	918	W1098B22 2	064	022	GV	P145	A 8	720	00001–99999
W117	J141	B	918	W1091B22 2	064	022	GV	P145	A 1	720	00001–99999
W117	J141	C	918	W1092B22 2	064	022	GV	P145	A 2	720	00001–99999
W117	J141	D	918	W1093B22 2	064	022	GV	P145	A 3	720	00001–99999
W117	J141	E	918	W10912B22 2	064	022	GV	P145	A13	720	00001–99999
W117	J141	F	918	W10911B22 2	064	022	GV	P145	A14	720	00001–99999
W117	J141	G	918	W10913B22 2	064	022	GV	P145	A15	720	00001–99999
W117	J141	H	918	W10914B22 2	064	022	GV	P145	A16	720	00001–99999
W117	J141	J	918	W10922B22 3	064	022	GV	P145	C 4	720	00001–99999
W117	J141	K	918	W10924B22 3	064	022	GV	P145	C 6	720	00001–99999
W117	J141	L	918	W10925B22 3	064	022	GV	P145	C 7	720	00001–99999
W117	J141	M	918	W10926B22 3	064	022	GV	P145	C 8	720	00001–99999
W117	J141	N	918	W10927B22 3	064	022	GV	P145	C 9	720	00001–99999
W117	J141	P	918	W10932B22 2	064	022	GV	P145	B 5	720	00001–99999
W117	J141	R	918	W10933B22 2	064	022	GV	P145	B 6	720	00001–99999
W117	J141	S	918	W10915B22 2	064	022	GV	P145	A11	720	00001–99999
W117	J141	T	918	W10916B22 2	064	022	GV	P145	A12	720	00001–99999
W117	J141	U	918	W1099B22 2	064	022	GV	P145	A 9	720	00001–99999
W117	J141	V	918	W10910B22 2	064	022	GV	P145	A10	720	00001–99999
W117	J141	W	918	W1097B22 2	064	022	GV	P145	A 7	720	00001–99999
W117	J141	X	918	W1094B22 2	064	022	GV	P145	A 4	720	00001–99999
W117	J141	Y	918	W1095B22 2	064	022	GV	P145	A 5	720	00001–99999
W117	J141	Z	918	W1096B22 2	064	022	GV	P145	A 6	720	00001–99999
W117	J141	ZC	918	W10919B22 3	064	022	GV	P145	C 1	720	00001–99999
W117	J141	ZD	918	W10923B22 3	064	022	GV	P145	C 5	720	00001–99999
W117	J141	ZE	918	W10921B22 3	064	022	GV	P145	C 3	720	00001–99999
W117	J141	ZF	918	W10928B22 3	064	022	GV	P145	C10	720	00001–99999
W117	J141	ZG	918	W10930B22 2	064	022	GV	P145	B 4	720	00001–99999
W117	J141	ZH	918	W10929B22 2	064	022	GV	P145	B 3	720	00001–99999
W117	J141	ZI	918	W10918B22 2	064	022	GV	P145	B 2	720	00001–99999
W117	J141	ZJ	918	W10917B22 2	064	022	GV	P145	B 1	720	00001–99999
W117	J141	ZP	918	W10920B22 3	064	022	GV	P145	C 2	720	00001–99999
W117	J141	ZQ	918	W10931B22 2	064	022	GV	P145	B 7	720	00001–99999
W117	P145	A 1	720	W1091B22 2	064	022	GV	J141	B	918	00001–99999
W117	P145	A 2	720	W1092B22 2	064	022	GV	J141	C	918	00001–99999
W117	P145	A 3	720	W1093B22 2	064	022	GV	J141	D	918	00001–99999
W117	P145	A 4	720	W1094B22 2	064	022	GV	J141	X	918	00001–99999
W117	P145	A 5	720	W1095B22 2	064	022	GV	J141	Y	918	00001–99999
W117	P145	A 6	720	W1096B22 2	064	022	GV	J141	Z	918	00001–99999
W117	P145	A 7	720	W1097B22 2	064	022	GV	J141	W	918	00001–99999
W117	P145	A 8	720	W1098B22 2	064	022	GV	J141	A	918	00001–99999

Table 11. W117 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W117	P145	A 9	720	W1099B22 2	064	022	GV	J141	U	918	00001–99999
W117	P145	A10	720	W10910B22 2	064	022	GV	J141	V	918	00001–99999
W117	P145	A11	720	W10915B22 2	064	022	GV	J141	S	918	00001–99999
W117	P145	A12	720	W10916B22 2	064	022	GV	J141	T	918	00001–99999
W117	P145	A13	720	W10912B22 2	064	022	GV	J141	E	918	00001–99999
W117	P145	A14	720	W10911B22 2	064	022	GV	J141	F	918	00001–99999
W117	P145	A15	720	W10913B22 2	064	022	GV	J141	G	918	00001–99999
W117	P145	A16	720	W10914B22 2	064	022	GV	J141	H	918	00001–99999
W117	P145	B 1	720	W10917B22 2	064	022	GV	J141	ZJ	918	00001–99999
W117	P145	B 2	720	W10918B22 2	064	022	GV	J141	ZI	918	00001–99999
W117	P145	B 3	720	W10929B22 2	064	022	GV	J141	ZH	918	00001–99999
W117	P145	B 4	720	W10930B22 2	064	022	GV	J141	ZG	918	00001–99999
W117	P145	B 5	720	W10932B22 2	064	022	GV	J141	P	918	00001–99999
W117	P145	B 6	720	W10933B22 2	064	022	GV	J141	R	918	00001–99999
W117	P145	B 7	720	W10931B22 2	064	022	GV	J141	ZQ	918	00001–99999
W117	P145	C 1	720	W10919B22 3	064	022	GV	J141	ZC	918	00001–99999
W117	P145	C 2	720	W10920B22 3	064	022	GV	J141	ZP	918	00001–99999
W117	P145	C 3	720	W10921B22 3	064	022	GV	J141	ZE	918	00001–99999
W117	P145	C 4	720	W10922B22 3	064	022	GV	J141	J	918	00001–99999
W117	P145	C 5	720	W10923B22 3	064	022	GV	J141	ZD	918	00001–99999
W117	P145	C 6	720	W10924B22 3	064	022	GV	J141	K	918	00001–99999
W117	P145	C 7	720	W10925B22 3	064	022	GV	J141	L	918	00001–99999
W117	P145	C 8	720	W10926B22 3	064	022	GV	J141	M	918	00001–99999
W117	P145	C 9	720	W10927B22 3	064	022	GV	J141	N	918	00001–99999
W117	P145	C10	720	W10928B22 3	064	022	GV	J141	ZF	918	00001–99999

Table 12. W121 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W121	A610K5	A 1	261	L10C12 3	263	012	SY	A620CB57	2	261	00008–00034
W121	A610W1	1	198	P75A02 3	238	002	UM	A620W8	1	198	00008–99999
W121	A620CB57	2	261	L10C12 3	263	012	SY	A610K5	A 1	261	00008–00034
W121	A620W8	1	198	P75A02 3	238	002	UM	A610W1	1	198	00008–99999

Table 13. W122 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W122	A652DECKB	1	A11	E296A24 3WHT	247	024	RB	P362	GG	918	00052–99999
W122	A652DECKB	1	A11	E296A24 3WHT	247	024	RB	P362	GG	918	00052–99999
W122	A652DECKB	2	A11	E297A24 3BLU	247	024	RB	P362	HH	918	00052–99999
W122	A652DECKB	3	A11	E298B24 3	247	024	RA	P362 SP1			00052–99999
W122	A675TB1 –5	A		R1A24 4WHT	050	024	RB	P105	ZK	918	00012–99999
W122	A675TB1 –5	E		R2A24 4BLU	050	024	RB	P105	ZM	918	00012–99999
W122	GS100	B		E95B24N 3	090	024	GA	P170	49	916	00010–99999
W122	GS100	C		E93B24N 3	090	024	GA	P170	50	916	00010–99999
W122	GS100	E		E96B22N 3	090	022	SY	P170	91	916	00008–99999
W122	GS100	J		T31D24N 3	054	024	GA	P105 SP1			00008–99999
W122	GS101	B		E95B24N 3	090	024	GA	P170	49	916	00008–00009
W122	GS101	C		E93B24N 3	090	024	GA	P170	50	916	00008–00009
W122	GS102	K		T108B24N 3	090	024	GA	P170	92	916	00008–99999
W122	GS102	L		T18C24N 3	054	024	GA	P105 SP2			00008–99999
W122	GS104	A		E80A24N 3	124	024	GA	P150	B	918	00008–99999
W122	GS104	B		C4A22N 3	146	022	SY	P153	20	916	00008–99999
W122	GS104	J		M20B22N 3	090	022	SY	P170	105	916	00008–99999
W122	GS304	A		T8A20N 3BLU	287	020	SB	P105	ZS	918	00008–99999
W122	GS304	B		E103C20 3	010	020	SY	GS306	SH 1	818	00012–00051
W122	GS304	D		E112A20N 3	048	020	SY	P342	B	891	00008–99999
W122	GS306	D		E104A20N 3	080	020	SY	P362	A	918	00052–99999
W122	GS306	D		E104A20N 3WHT	080	020	SJ	P362	A	918	00012–00051
W122	GS306	D		E104A22N 3	080	022	SY	P362	A	918	00008–00011
W122	GS306	E		E103A20N 3	080	020	SY	P362	S	918	00052–99999
W122	GS306	E		E103A20N 3BLU	080	020	SJ	P362	S	918	00012–00051
W122	GS306	E		E103A22N 3	080	022	SY	P362	S	918	00008–00011
W122	GS306	G		T9A20N 3BLU	287	020	SB	P105	ZT	918	00008–99999
W122	GS306	SH 1	818	E103C20 3	010	020	SY	GS304	B		00012–00051
W122	J301	1	915	E225B24 4WHT	297	024	RB	P103	53	916	00052–99999
W122	J301	1	915	E225B24 4WHT	297	024	XF	P103	53	916	00008–00051
W122	J301	2	915	E226B24 4BLU	297	024	RB	P103	54	916	00052–99999
W122	J301	2	915	E226B24 4BLU	297	024	XF	P103	54	916	00008–00051
W122	J301	3	915	E264C24 5	006	024	ZZ	J301	SH 1	833	00008–99999
W122	J301	4	915	E227B24 5WHT	297	024	RB	P103	1	916	00052–99999
W122	J301	4	915	E227B24 5WHT	297	024	XF	P103	1	916	00008–00051
W122	J301	5	915	E228B24 5BLU	297	024	RB	P103	2	916	00052–99999
W122	J301	5	915	E228B24 5BLU	297	024	XF	P103	2	916	00008–00051
W122	J301	6	915	E265C24 5	006	024	ZZ	J301	SH 2	833	00008–99999
W122	J301	7	915	E183C24 4WHT	297	024	RB	P103	51	916	00052–99999
W122	J301	7	915	E183C24 4WHT	297	024	XF	P103	51	916	00008–00051
W122	J301	8	915	E184C24 4BLU	297	024	RB	P103	52	916	00052–99999

Table 13. W122 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W122	J301	8	915	E184C24 4BLU	297	024	XF	P103	52	916	00008–00051
W122	J301	9	915	E247E24 5	006	024	ZZ	J301	SH 3	833	00008–99999
W122	J301	SH 1	833	E264C24 5	006	024	ZZ	J301	3	915	00008–99999
W122	J301	SH 2	833	E265C24 5	006	024	ZZ	J301	6	915	00008–99999
W122	J301	SH 3	833	E247E24 5	006	024	ZZ	J301	9	915	00008–99999
W122	J400	A	918	T20B24 3BLU	302	024	XF	P170	66	916	00008–99999
W122	J400	B	918	T19B24 3WHT	302	024	XF	P170	67	916	00008–99999
W122	J400	C	918	T74B24 3	006	024	ZZ	J400	SH 5	833	00008–99999
W122	J400	D	918	T14B24 5WHT	329	024	XG	P103	12	916	00008–99999
W122	J400	E	918	T15B24 5BLU	329	024	XG	P103	13	916	00008–99999
W122	J400	F	918	T16B24 5ORN	329	024	XG	P103	14	916	00008–99999
W122	J400	G	918	T72B24 5	006	024	ZZ	J400	SH 1	833	00008–99999
W122	J400	H	918	T17B24 3WHT	327	024	XF	P105	E	918	00008–99999
W122	J400	J	918	T18B24 3BLU	327	024	XF	P105 SP2			00008–99999
W122	J400	K	918	T73B24 3	006	024	ZZ	J400	SH 2	833	00008–99999
W122	J400	L	918	T10B24 5WHT	302	024	XF	P170	60	916	00008–99999
W122	J400	M	918	T11B24 5BLU	302	024	XF	P170	61	916	00008–99999
W122	J400	N	918	T70B24 5	006	024	ZZ	J400	SH 3	833	00008–99999
W122	J400	P	918	T12B24 5WHT	302	024	XF	P170	63	916	00008–99999
W122	J400	R	918	T13B24 5BLU	302	024	XF	P170	64	916	00008–99999
W122	J400	S	918	T71B24 5	006	024	ZZ	J400	SH 4	833	00008–99999
W122	J400	SH 1	833	T72B24 5	006	024	ZZ	J400	G	918	00008–99999
W122	J400	SH 2	833	T73B24 3	006	024	ZZ	J400	K	918	00008–99999
W122	J400	SH 3	833	T70B24 5	006	024	ZZ	J400	N	918	00008–99999
W122	J400	SH 4	833	T71B24 5	006	024	ZZ	J400	S	918	00008–99999
W122	J400	SH 5	833	T74B24 3	006	024	ZZ	J400	C	918	00008–99999
W122	P103	1	916	E227B24 5WHT	297	024	RB	J301	4	915	00052–99999
W122	P103	1	916	E227B24 5WHT	297	024	XF	J301	4	915	00008–00051
W122	P103	2	916	E228B24 5BLU	297	024	RB	J301	5	915	00052–99999
W122	P103	2	916	E228B24 5BLU	297	024	XF	J301	5	915	00008–00051
W122	P103	4	916	T21C24 5WHT	087	024	XF	P170	11	916	00008–99999
W122	P103	5	916	T22C24 5BLU	087	024	XF	P170	12	916	00008–99999
W122	P103	6	916	T23C24 5WHT	087	024	XF	P170	13	916	00008–99999
W122	P103	7	916	T24C24 5BLU	087	024	XF	P170	14	916	00008–99999
W122	P103	12	916	T14B24 5WHT	329	024	XG	J400	D	918	00008–99999
W122	P103	13	916	T15B24 5BLU	329	024	XG	J400	E	918	00008–99999
W122	P103	14	916	T16B24 5ORN	329	024	XG	J400	F	918	00008–99999
W122	P103	15	916	C32C22 5WHT	087	022	SL	P170	84	916	00008–99999
W122	P103	16	916	C33C22 5BLU	087	022	SL	P170	85	916	00008–99999
W122	P103	17	916	C34C22 5ORN	087	022	SL	P170	86	916	00008–99999
W122	P103	18	916	C35C22 5GRN	087	022	SL	P170	87	916	00008–99999

Table 13. W122 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W122	P103	19	916	M15D22 5WHT	087	022	SL	P170	100	916	00008–99999
W122	P103	20	916	M16D22 5BLU	087	022	SL	P170	101	916	00008–99999
W122	P103	21	916	M17D22 5ORN	087	022	SL	P170	102	916	00008–99999
W122	P103	22	916	M18D22 5GRN	087	022	SL	P170	103	916	00008–99999
W122	P103	23	916	Q28A22 5WHT	087	022	SJ	P170	25	916	00008–99999
W122	P103	24	916	Q29A22 5BLU	087	022	SJ	P170	26	916	00008–99999
W122	P103	29	916	T38C24 5WHT	087	024	RC	P170	69	916	00008–99999
W122	P103	30	916	T39C24 5BLU	087	024	RC	P170	70	916	00008–99999
W122	P103	31	916	T40C24 5ORN	087	024	RC	P170	71	916	00008–99999
W122	P103	32	916	P43C24 5BLU	281	024	RB	P376	U	917	00008–99999
W122	P103	33	916	P42C24 5WHT	281	024	RB	P376	T	917	00008–99999
W122	P103	34	916	T120B24 3	087	024	GA	P170	106	916	00012–99999
W122	P103	35	916	T121B24 3	087	024	GA	P170	107	916	00012–99999
W122	P103	36	916	T36C24 4WHT	087	024	RB	P170	22	916	00008–99999
W122	P103	37	916	T37C24 4BLU	087	024	RB	P170	23	916	00008–99999
W122	P103	40	916	NACA7E22 3	087	022	SY	P170	8	916	00052–99999
W122	P103	40	916	T109B24 3	087	024	GA	P170	93	916	00008–00051
W122	P103	41	916	T110B24 3	087	024	GA	P170	94	916	00008–99999
W122	P103	47	916	L50A24 3	087	024	GA	P170	72	916	00008–99999
W122	P103	48	916	L51A24 3	087	024	GA	P170	73	916	00008–99999
W122	P103	49	916	L52A24 3	087	024	GA	P170	74	916	00008–99999
W122	P103	51	916	E183C24 4WHT	297	024	RB	J301	7	915	00052–99999
W122	P103	52	916	E184C24 4BLU	297	024	RB	J301	8	915	00052–99999
W122	P103	52	916	E184C24 4BLU	297	024	XF	J301	8	915	00008–00051
W122	P103	53	916	E225B24 4WHT	297	024	RB	J301	1	915	00052–99999
W122	P103	53	916	E225B24 4WHT	297	024	XF	J301	1	915	00008–00051
W122	P103	54	916	E226B24 4BLU	297	024	RB	J301	2	915	00052–99999
W122	P103	54	916	E226B24 4BLU	297	024	XF	J301	2	915	00008–00051
W122	P103	57	916	H26B22 3	087	022	SY	P170	77	916	00008–99999
W122	P103	60	916	E269A24 5WHT	087	024	RB	P170	89	916	00008–99999
W122	P103	61	916	E270A24 5BLU	087	024	RB	P170	90	916	00008–99999
W122	P103	62	916	Q31A22 3	087	022	SY	P170	28	916	00008–99999
W122	P103	63	916	H25B22 3	087	022	SY	P170	78	916	00008–99999
W122	P103	64	916	W4A24 3WHT	281	024	RC	P376	C	917	00008–99999
W122	P103	65	916	W5A24 3BLU	281	024	RC	P376	E	917	00008–99999
W122	P103	66	916	W6A24 3ORN	281	024	RC	P376	P	917	00008–99999
W122	P103	Case		E264D24 4	000	024	ZZ	P103	SH 1		00008–99999
W122	P103	Case		E265D24 5	000	024	ZZ	P103	SH 2		00008–99999
W122	P103	Case		E247F24 4	000	024	ZZ	P103	SH 3		00008–99999
W122	P103	Case		Q30G22 3	000	022	ZZ	P103	SH 4		00008–99999
W122	P103	Case		W29D22 3	000	022	ZZ	P103	SH 5		00008–99999

Table 13. W122 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W122	P103	Case		T75E24 5	000	024	ZZ	P103	SH 6		00008–99999
W122	P103	Case		T76E24 5	000	024	ZZ	P103	SH 7		00008–99999
W122	P103	Case		T72C24 5	000	024	ZZ	P103	SH 8		00008–99999
W122	P103	Case		T81F24 4	000	024	ZZ	P103	SH 9		00008–99999
W122	P103	Case		T82F24 5	000	024	ZZ	P103	SH10		00008–99999
W122	P103	Case		C37F22 5	000	022	ZZ	P103	SH11		00008–99999
W122	P103	Case		P11B24 5	000	024	ZZ	P103	SH12		00008–99999
W122	P103	Case		E273A24 5	000	024	ZZ	P103	SH13		00008–99999
W122	P103	Case		M21H22 3	000	022	ZZ	P103	SH14		00008–99999
W122	P103	SH 1		E264D24 4	000	024	ZZ	P103	Case		00008–99999
W122	P103	SH 2		E265D24 5	000	024	ZZ	P103	Case		00008–99999
W122	P103	SH 3		E247F24 4	000	024	ZZ	P103	Case		00008–99999
W122	P103	SH 4		Q30G22 3	000	022	ZZ	P103	Case		00008–99999
W122	P103	SH 5		W29D22 3	000	022	ZZ	P103	Case		00008–99999
W122	P103	SH 6		T75E24 5	000	024	ZZ	P103	Case		00008–99999
W122	P103	SH 7		T76E24 5	000	024	ZZ	P103	Case		00008–99999
W122	P103	SH 8		T72C24 5	000	024	ZZ	P103	Case		00008–99999
W122	P103	SH 9		T81F24 4	000	024	ZZ	P103	Case		00008–99999
W122	P103	SH10		T82F24 5	000	024	ZZ	P103	Case		00008–99999
W122	P103	SH11		C37F22 5	000	022	ZZ	P103	Case		00008–99999
W122	P103	SH12		P11B24 5	000	024	ZZ	P103	Case		00008–99999
W122	P103	SH13		E273A24 5	000	024	ZZ	P103	Case		00008–99999
W122	P103	SH14		M21H22 3	000	022	ZZ	P103	Case		00008–99999
W122	P105	A	918	M19A22 3	086	022	SY	P170	104	916	00008–99999
W122	P105	B	918	E53A24 3	273	024	GA	P362	ZT	918	00052–99999
W122	P105	B	918	E53A24 3	273	024	XE	P362	ZT	918	00012–00051
W122	P105	B	918	E53A24 5	273	024	RA	P362	ZT	918	00008–00011
W122	P105	C	918	T30C24 3WHT	086	024	XF	P170	16	916	00008–99999
W122	P105	D	918	T59C22 3	086	022	SY	P170	52	916	00008–99999
W122	P105	E	918	T17B24 3WHT	327	024	XF	J400	H	918	00008–99999
W122	P105	F	918	T5B24 3	086	024	GA	P170	20	916	00008–99999
W122	P105	G	918	L44A24 3	086	024	GA	P170	32	916	00008–00051
W122	P105	K	918	T46C22 3	086	022	SY	P170	24	916	00008–99999
W122	P105	L	918	T44C24 3	086	024	GA	P170	21	916	00008–99999
W122	P105	M	918	E99A24 3	129	024	GA	P150	G	918	00008–00051
W122	P105	M	918	E99B24 3	120	024	GA	P150 SP1			00052–99999
W122	P105	N	918	T117A24 3	104	024	GA	P170	96	916	00008–99999
W122	P105	P	918	T117E24 3	104	024	GA	P170	97	916	00008–99999
W122	P105	R	918	C31C22 3	086	022	SY	P170	83	916	00008–99999
W122	P105	S	918	P45A24 3	279	024	GA	P376	V	917	00008–99999
W122	P105	T	918	P35D24 3	086	024	GA	P170	81	916	00008–99999

Table 13. W122 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W122	P105	U	918	Q21A22 3	086	022	SY	P170	2	916	00008–00051
W122	P105	U	918	NACA11E22 3	086	022	SY	P170	9	916	00052–99999
W122	P105	V	918	Q20A22 3	086	022	SY	P170	1	916	00008–99999
W122	P105	W	918	Q23A22 3	086	022	SY	P170	3	916	00008–99999
W122	P105	X	918	Q24A22 3	086	022	SY	P170	4	916	00008–99999
W122	P105	Y	918	Q22A22 3	086	022	SY	P170	5	916	00008–99999
W122	P105	Z	918	W38F24 2	086	024	GA	P170	10	916	00008–99999
W122	P105	ZA	918	E50A24 5WHT	273	024	RB	P362	ZK	918	00008–00011
W122	P105	ZA	918	E50A24 5WHT	300	024	RB	P362	ZK	918	00052–99999
W122	P105	ZA	918	E50A24 5WHT	273	024	XF	P362	ZK	918	00012–00051
W122	P105	ZB	918	E51A24 5BLU	273	024	RB	P362	ZM	918	00008–00011
W122	P105	ZB	918	E51A24 5BLU	300	024	RB	P362	ZM	918	00052–99999
W122	P105	ZB	918	E51A24 5BLU	273	024	XF	P362	ZM	918	00012–00051
W122	P105	ZI	918	M8A22 3	104	022	SY	P170	98	916	00008–99999
W122	P105	ZJ	918	P37D24 3	086	024	GA	P170	80	916	00008–99999
W122	P105	ZK	918	R1A24 4WHT	050	024	RB	A675TB1 –5	A		00012–99999
W122	P105	ZK	918	R1A24 4WHT	086	024	XF	P170	8	916	00008–00011
W122	P105	ZM	918	R2A24 4BLU	050	024	RB	A675TB1 –5	E		00012–99999
W122	P105	ZM	918	R2A24 4BLU	086	024	XF	P170	9	916	00008–00011
W122	P105	ZN	918	H27A22 3	086	022	SY	P170	76	916	00008–99999
W122	P105	ZP	918	L45A24 3	086	024	GA	P170	35	916	00008–00051
W122	P105	ZQ	918	T7B20 3WHT	279	020	SB	P376	R	917	00008–99999
W122	P105	ZR	918	T7D20 3WHT	279	020	SB	P376	S	917	00008–99999
W122	P105	ZS	918	T8A20N 3BLU	287	020	SB	GS304	A		00008–99999
W122	P105	ZT	918	T9A20N 3BLU	287	020	SB	GS306	G		00008–99999
W122	P105 SP1			T31D24N 3	054	024	GA	GS100	J		00008–99999
W122	P105 SP1			T31C24 3BLU	086	024	XF	P170	15	916	00008–99999
W122	P105 SP2			T18B24 3BLU	327	024	XF	J400	J	918	00008–99999
W122	P105 SP2			T18C24N 3	054	024	GA	GS102	L		00008–99999
W122	P105	Case		E52B24 5	000	024	ZZ	P105	SH 1		00008–00011
W122	P105	Case		E52B24 5	000	024	ZZ	P105	SH 1		00052–99999
W122	P105	Case		E54B24 5	000	024	ZZ	P105	SH 2		00008–00011
W122	P105	Case		T79E24 3	006	024	ZZ	P105	SH 3	894	00008–99999
W122	P105	Case		T73C24 3	006	024	ZZ	P105	SH 4	894	00008–99999
W122	P105	Case		R33A24 3	000	024	ZZ	P105	SH 5		00008–99999
W122	P105	SH 1		E52B24 5	000	024	ZZ	P105	Case		00008–00011
W122	P105	SH 1		E52B24 5	000	024	ZZ	P105	Case		00052–99999
W122	P105	SH 2		E54B24 5	000	024	ZZ	P105	Case		00008–00011
W122	P105	SH 3	894	T79E24 3	006	024	ZZ	P105	Case		00008–99999
W122	P105	SH 4	894	T73C24 3	006	024	ZZ	P105	Case		00008–99999
W122	P105	SH 5		R33A24 3	000	024	ZZ	P105	Case		00008–99999

Table 13. W122 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W122	P150	A	918	E79A22 3	104	022	SY	P170	46	916	00008–00051
W122	P150	B	918	E80A24N 3	124	024	GA	GS104	A		00008–99999
W122	P150	C	918	E82A24 3	104	024	GA	P170	51	916	00008–99999
W122	P150	D	918	E83A24 3	104	024	GA	P170	53	916	00008–99999
W122	P150	E	918	E85A24 3	104	024	GA	P170	57	916	00008–99999
W122	P150	F	918	E86A24 3	104	024	GA	P170	58	916	00008–99999
W122	P150	G	918	E99A24 3	010	024	GA	P150 SP1			00052–99999
W122	P150	G	918	E99A24 3	129	024	GA	P105	M	918	00008–00051
W122	P150	H	918	E84A24 3	104	024	GA	P170	54	916	00008–99999
W122	P150	J	918	E100D24 3	010	024	GA	P150 SP2			00052–99999
W122	P150	J	918	E100A24 3	104	024	GA	P170	59	916	00008–00051
W122	P150	K	918	E81A24 3	104	024	GA	P170	48	916	00008–99999
W122	P150	L	918	E27B24 3	104	024	GA	P170	88	916	00052–99999
W122	P150	L	918	E27B24 3	104	024	RA	P170	88	916	00008–00011
W122	P150	L	918	E27B24 3	104	024	XE	P170	88	916	00012–00051
W122	P150	M	918	E77D22 3	104	022	SY	P170	7	916	00008–99999
W122	P150	N	918	E62A24 3	200	024	GA	P362	ZB	918	00052–99999
W122	P150	N	918	E62A24 3	200	024	RA	P362	ZB	918	00008–00011
W122	P150	N	918	E62A24 3	200	024	XE	P362	ZB	918	00012–00051
W122	P150	P	918	E78B22 3	206	022	SY	P376	B	917	00008–99999
W122	P150	R	918	E69D22 3	104	022	SY	P170	6	916	00008–99999
W122	P150	S	918	E97A22 3	206	022	SY	P376	H	917	00008–99999
W122	P150	T	918	E70B22 3	206	022	SY	P376	D	917	00008–99999
W122	P150	U	918	E98A22 3	206	022	SY	P376	J	917	00008–99999
W122	P150 SP1			E99B24 3	120	024	GA	P105	M	918	00052–99999
W122	P150 SP1			E99A24 3	010	024	GA	P150	G	918	00052–99999
W122	P150 SP1			E99C24 3	200	024	GA	P376	ZB	917	00052–99999
W122	P150 SP2			E100E24 3	200	024	GA	P376	ZC	917	00052–99999
W122	P150 SP2			E100D24 3	010	024	GA	P150	J	918	00052–99999
W122	P150 SP2			E100A24 3	100	024	GA	P170	59	916	00052–99999
W122	P150	Case		E28D24 3	000	024	ZZ	P150	SH 1		00008–00011
W122	P150	Case		E63B24 3	000	024	ZZ	P150	SH 2		00008–00011
W122	P150	SH 1		E28D24 3	000	024	ZZ	P150	Case		00008–00011
W122	P150	SH 2		E63B24 3	000	024	ZZ	P150	Case		00008–00011
W122	P153	1	916	E37B24 5WHT	126	024	RB	P170	33	916	00052–99999
W122	P153	1	916	E37B24 5WHT	126	024	XF	P170	33	916	00008–00051
W122	P153	2	916	E38B24 5BLU	126	024	RB	P170	34	916	00052–99999
W122	P153	2	916	E38B24 5BLU	126	024	XF	P170	34	916	00008–00051
W122	P153	3	916	E33B24 5WHT	126	024	RC	P170	29	916	00052–99999
W122	P153	3	916	E33B24 5WHT	126	024	XG	P170	29	916	00008–00051
W122	P153	4	916	E35C24 5	010	024	GA	P153 SP2			00008–99999

Table 13. W122 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W122	P153	5	916	E34B24 5BLU	126	024	RC	P170	30	916	00052–99999
W122	P153	5	916	E34B24 5BLU	126	024	XG	P170	30	916	00008–00051
W122	P153	6	916	E35D24 5	010	024	GA	P153 SP2			00008–99999
W122	P153	7	916	E59A24 4WHT	222	024	XF	P362	CC	918	00008–00011
W122	P153	7	916	E59A24 5WHT	222	024	RB	P362	CC	918	00052–99999
W122	P153	7	916	E59A24 5WHT	222	024	XF	P362	CC	918	00012–00051
W122	P153	8	916	E60A24 4BLU	222	024	XF	P362	DD	918	00008–00011
W122	P153	8	916	E60A24 5BLU	222	024	RB	P362	DD	918	00052–99999
W122	P153	8	916	E60A24 5BLU	222	024	XF	P362	DD	918	00012–00051
W122	P153	15	916	E55A24 4WHT	222	024	XG	P362	X	918	00008–00011
W122	P153	15	916	E55A24 5WHT	222	024	RC	P362	X	918	00052–99999
W122	P153	15	916	E55A24 5WHT	222	024	XG	P362	X	918	00012–00051
W122	P153	16	916	E57B24 5	010	024	GA	P153 SP1			00008–99999
W122	P153	17	916	E56A24 4BLU	222	024	XG	P362	ZR	918	00008–00011
W122	P153	17	916	E56A24 5BLU	222	024	RC	P362	ZR	918	00052–99999
W122	P153	17	916	E56A24 5BLU	222	024	XG	P362	ZR	918	00012–00051
W122	P153	18	916	E57C24 5	010	024	GA	P153 SP1			00008–99999
W122	P153	19	916	C3A22 3	170	022	SY	P170	27	916	00008–99999
W122	P153	20	916	C4A22N 3	146	022	SY	GS104	B		00008–99999
W122	P153	21	916	C2L22 3	228	022	SY	P376	K	917	00008–00051
W122	P153	21	916	C2L22 3	170	022	SY	P170	99	916	00052–99999
W122	P153 SP1			E57A24 4ORN	222	024	XG	P362	E	918	00008–00011
W122	P153 SP1			E57A24 5ORN	222	024	RC	P362	E	918	00052–99999
W122	P153 SP1			E57A24 5ORN	222	024	XG	P362	E	918	00012–00051
W122	P153 SP1			E57B24 5	010	024	GA	P153	16	916	00008–99999
W122	P153 SP1			E57C24 5	010	024	GA	P153	18	916	00008–99999
W122	P153 SP2			E35C24 5	010	024	GA	P153	4	916	00008–99999
W122	P153 SP2			E35D24 5	010	024	GA	P153	6	916	00008–99999
W122	P153 SP2			E35B24 5ORN	126	024	RC	P170	31	916	00052–99999
W122	P153 SP2			E35B24 5ORN	126	024	XG	P170	31	916	00008–00051
W122	P153	Case		E36C24 5	000	024	ZZ	P153	SH 1		00052–99999
W122	P153	Case		E58A24 4	006	024	ZZ	P153	SH 1	843	00008–00011
W122	P153	Case		E39C24 5	000	024	ZZ	P153	SH 2		00052–99999
W122	P153	Case		E61A24 4	006	024	ZZ	P153	SH 2	843	00008–00011
W122	P153	SH 1	843	E58A24 4	006	024	ZZ	P153	Case		00008–00011
W122	P153	SH 1		E36C24 5	000	024	ZZ	P153	21	916	00052–99999
W122	P153	SH 2		E39C24 5	000	024	ZZ	P153	Case		00052–99999
W122	P153	SH 2	843	E61A24 4	006	024	ZZ	P153	Case		00008–00011
W122	P170	1	916	Q20A22 3	086	022	SY	P105	V	918	00008–99999
W122	P170	2	916	Q21A22 3	086	022	SY	P105	U	918	00008–00051
W122	P170	3	916	Q23A22 3	086	022	SY	P105	W	918	00008–99999

Table 13. W122 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W122	P170	4	916	Q24A22 3	086	022	SY	P105	X	918	00008–99999
W122	P170	5	916	Q22A22 3	086	022	SY	P105	Y	918	00008–99999
W122	P170	6	916	E69D22 3	104	022	SY	P150	R	918	00008–99999
W122	P170	7	916	E77D22 3	104	022	SY	P150	M	918	00008–99999
W122	P170	8	916	NACA7E22 3	087	022	SY	P103	40	916	00052–99999
W122	P170	8	916	R1A24 4WHT	086	024	XF	P105	ZK	918	00008–00011
W122	P170	9	916	NACA11E22 3	086	022	SY	P105	U	918	00052–99999
W122	P170	9	916	R2A24 4BLU	086	024	XF	P105	ZM	918	00008–00011
W122	P170	10	916	W38F24 2	086	024	GA	P105	Z	918	00008–99999
W122	P170	11	916	T21C24 5WHT	087	024	XF	P103	4	916	00008–99999
W122	P170	12	916	T22C24 5BLU	087	024	XF	P103	5	916	00008–99999
W122	P170	13	916	T23C24 5WHT	087	024	XF	P103	6	916	00008–99999
W122	P170	14	916	T24C24 5BLU	087	024	XF	P103	7	916	00008–99999
W122	P170	15	916	T31C24 3BLU	086	024	XF	P105 SP1			00008–99999
W122	P170	16	916	T30C24 3WHT	086	024	XF	P105	C	918	00008–99999
W122	P170	17	916	T75D24 5	006	024	ZZ	P170	SH10	833	00008–99999
W122	P170	18	916	T76D24 5	006	024	ZZ	P170	SH11	833	00008–99999
W122	P170	19	916	T79D24 3	006	024	ZZ	P170	SH12	833	00008–99999
W122	P170	20	916	T5B24 3	086	024	GA	P105	F	918	00008–99999
W122	P170	21	916	T44C24 3	086	024	GA	P105	L	918	00008–99999
W122	P170	22	916	T36C24 4WHT	087	024	RB	P103	36	916	00008–99999
W122	P170	23	916	T37C24 4BLU	087	024	RB	P103	37	916	00008–99999
W122	P170	24	916	T46C22 3	086	022	SY	P105	K	918	00008–99999
W122	P170	25	916	Q28A22 5WHT	087	022	SJ	P103	23	916	00008–99999
W122	P170	26	916	Q29A22 5BLU	087	022	SJ	P103	24	916	00008–99999
W122	P170	27	916	C3A22 3	170	022	SY	P153	19	916	00008–99999
W122	P170	28	916	Q31A22 3	087	022	SY	P103	62	916	00008–99999
W122	P170	29	916	E33B24 5WHT	126	024	RC	P153	3	916	00052–99999
W122	P170	29	916	E33B24 5WHT	126	024	XG	P153	3	916	00008–00051
W122	P170	30	916	E34B24 5BLU	126	024	RC	P153	5	916	00052–99999
W122	P170	30	916	E34B24 5BLU	126	024	XG	P153	5	916	00008–00051
W122	P170	31	916	E35B24 5ORN	126	024	RC	P153 SP2			00052–99999
W122	P170	31	916	E35B24 5ORN	126	024	XG	P153 SP2			00008–00051
W122	P170	32	916	L44A24 3	086	024	GA	P105	G	918	00008–00051
W122	P170	33	916	E37B24 5WHT	126	024	RB	P153	1	916	00052–99999
W122	P170	33	916	E37B24 5WHT	126	024	XF	P153	1	916	00008–00051
W122	P170	34	916	E38B24 5BLU	126	024	RB	P153	2	916	00052–99999
W122	P170	34	916	E38B24 5BLU	126	024	XF	P153	2	916	00008–00051
W122	P170	35	916	L45A24 3	086	024	GA	P105	ZP	918	00008–00051
W122	P170	36	916	E18A24 3	248	024	GA	P362	AA	918	00052–99999
W122	P170	36	916	E18A24 3ORN	248	024	XG	P362	AA	918	00012–00051

Table 13. W122 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W122	P170	36	916	E18A24 3WHT	248	024	RC	P362	AA	918	00008–00011
W122	P170	37	916	E19A24 3	248	024	GA	P362	ZA	918	00052–99999
W122	P170	37	916	E19A24 3BLU	248	024	RC	P362	ZA	918	00008–00011
W122	P170	37	916	E19A24 3BLU	248	024	XG	P362	ZA	918	00012–00051
W122	P170	38	916	E20A24 3	248	024	GA	P362	G	918	00052–99999
W122	P170	38	916	E20A24 3ORN	248	024	RC	P362	G	918	00008–00011
W122	P170	38	916	E20A24 3WHT	248	024	XG	P362	G	918	00012–00051
W122	P170	39	916	E21A24 3	248	024	GA	P362	EE	918	00052–99999
W122	P170	39	916	E21A24 3WHT	248	024	RC	P362	EE	918	00008–00011
W122	P170	39	916	E21A24 3WHT	248	024	XG	P362	EE	918	00012–00051
W122	P170	40	916	E22A24 3	248	024	GA	P362	H	918	00052–99999
W122	P170	40	916	E22A24 3BLU	248	024	RC	P362	H	918	00008–00011
W122	P170	40	916	E22A24 3BLU	248	024	XG	P362	H	918	00012–00051
W122	P170	41	916	E23A24 3	248	024	GA	P362	ZN	918	00052–99999
W122	P170	41	916	E23A24 3ORN	248	024	RC	P362	ZN	918	00008–00011
W122	P170	41	916	E23A24 3ORN	248	024	XG	P362	ZN	918	00012–00051
W122	P170	42	916	E29D24 3	248	024	GA	P362	T	918	00052–99999
W122	P170	42	916	E29D24 4WHT	248	024	RB	P362	T	918	00008–00011
W122	P170	42	916	E29D24 4WHT	248	024	XF	P362	T	918	00012–00051
W122	P170	43	916	E30D24 3	248	024	GA	P362	ZP	918	00052–99999
W122	P170	43	916	E30D24 4BLU	248	024	RB	P362	ZP	918	00008–00011
W122	P170	43	916	E30D24 4BLU	248	024	XF	P362	ZP	918	00012–00051
W122	P170	44	916	E47A24 4WHT	248	024	RB	P362	W	918	00008–00011
W122	P170	44	916	E47A24 4WHT	280	024	RB	P362	W	918	00052–99999
W122	P170	44	916	E47A24 4WHT	248	024	XF	P362	W	918	00012–00051
W122	P170	45	916	E48A24 4BLU	248	024	RB	P362	V	918	00008–00011
W122	P170	45	916	E48A24 4BLU	280	024	RB	P362	V	918	00052–99999
W122	P170	45	916	E48A24 4BLU	248	024	XF	P362	V	918	00012–00051
W122	P170	46	916	E79A22 3	104	022	SY	P150	A	918	00008–00051
W122	P170	47	916	E68B22 3	254	022	SY	P376	A	917	00008–00051
W122	P170	48	916	E81A24 3	104	024	GA	P150	K	918	00008–99999
W122	P170	49	916	E95B24N 3	090	024	GA	GS100	B		00010–99999
W122	P170	49	916	E95B24N 3	090	024	GA	GS101	B		00008–00009
W122	P170	50	916	E93B24N 3	090	024	GA	GS100	C		00010–99999
W122	P170	50	916	E93B24N 3	090	024	GA	GS101	C		00008–00009
W122	P170	51	916	E82A24 3	104	024	GA	P150	C	918	00008–99999
W122	P170	52	916	T59C22 3	086	022	SY	P105	D	918	00008–99999
W122	P170	53	916	E83A24 3	104	024	GA	P150	D	918	00008–99999
W122	P170	54	916	E84A24 3	104	024	GA	P150	H	918	00008–99999
W122	P170	55	916	E36B24 5	006	024	ZZ	P170	SH 6	833	00008–99999
W122	P170	56	916	E39B24 5	006	024	ZZ	P170	SH 7	833	00008–99999

Table 13. W122 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W122	P170	57	916	E85A24 3	104	024	GA	P150	E	918	00008–99999
W122	P170	58	916	E86A24 3	104	024	GA	P150	F	918	00008–99999
W122	P170	59	916	E100A24 3	100	024	GA	P150 SP2			00052–99999
W122	P170	59	916	E100A24 3	104	024	GA	P150	J	918	00008–00051
W122	P170	60	916	T10B24 5WHT	302	024	XF	J400	L	918	00008–99999
W122	P170	61	916	T11B24 5BLU	302	024	XF	J400	M	918	00008–99999
W122	P170	62	916	T70C24 5	006	024	ZZ	P170	SH13	833	00008–99999
W122	P170	63	916	T12B24 5WHT	302	024	XF	J400	P	918	00008–99999
W122	P170	64	916	T13B24 5BLU	302	024	XF	J400	R	918	00008–99999
W122	P170	65	916	T71C24 5	006	024	ZZ	P170	SH14	833	00008–99999
W122	P170	66	916	T20B24 3BLU	302	024	XF	J400	A	918	00008–99999
W122	P170	67	916	T19B24 3WHT	302	024	XF	J400	B	918	00008–99999
W122	P170	68	916	T74C24 3	006	024	ZZ	P170	SH15	833	00008–99999
W122	P170	69	916	T38C24 5WHT	087	024	RC	P103	29	916	00008–99999
W122	P170	70	916	T39C24 5BLU	087	024	RC	P103	30	916	00008–99999
W122	P170	71	916	T40C24 5ORN	087	024	RC	P103	31	916	00008–99999
W122	P170	72	916	L50A24 3	087	024	GA	P103	47	916	00008–99999
W122	P170	73	916	L51A24 3	087	024	GA	P103	48	916	00008–99999
W122	P170	74	916	L52A24 3	087	024	GA	P103	49	916	00008–99999
W122	P170	76	916	H27A22 3	086	022	SY	P105	ZN	918	00008–99999
W122	P170	77	916	H26B22 3	087	022	SY	P103	57	916	00008–99999
W122	P170	78	916	H25B22 3	087	022	SY	P103	63	916	00008–99999
W122	P170	80	916	P37D24 3	086	024	GA	P105	ZJ	918	00008–99999
W122	P170	81	916	P35D24 3	086	024	GA	P105	T	918	00008–99999
W122	P170	83	916	C31C22 3	086	022	SY	P105	R	918	00008–99999
W122	P170	84	916	C32C22 5WHT	087	022	SL	P103	15	916	00008–99999
W122	P170	85	916	C33C22 5BLU	087	022	SL	P103	16	916	00008–99999
W122	P170	86	916	C34C22 5ORN	087	022	SL	P103	17	916	00008–99999
W122	P170	87	916	C35C22 5GRN	087	022	SL	P103	18	916	00008–99999
W122	P170	88	916	E27B24 3	104	024	GA	P150	L	918	00052–99999
W122	P170	88	916	E27B24 3	104	024	RA	P150	L	918	00008–00011
W122	P170	88	916	E27B24 3	104	024	XE	P150	L	918	00012–00051
W122	P170	89	916	E269A24 5WHT	087	024	RB	P103	60	916	00008–99999
W122	P170	90	916	E270A24 5BLU	087	024	RB	P103	61	916	00008–99999
W122	P170	91	916	E96B22N 3	090	022	SY	GS100	E		00008–99999
W122	P170	92	916	T108B24N 3	090	024	GA	GS102	K		00008–99999
W122	P170	93	916	T109B24 3	087	024	GA	P103	40	916	00008–00051
W122	P170	94	916	T110B24 3	087	024	GA	P103	41	916	00008–99999
W122	P170	96	916	T117A24 3	104	024	GA	P105	N	918	00008–99999
W122	P170	97	916	T117E24 3	104	024	GA	P105	P	918	00008–99999
W122	P170	98	916	M8A22 3	104	022	SY	P105	ZI	918	00008–99999

Table 13. W122 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W122	P170	99	916	C2L22 3	170	022	SY	P153	21	916	00052–99999
W122	P170	100	916	M15D22 5WHT	087	022	SL	P103	19	916	00008–99999
W122	P170	101	916	M16D22 5BLU	087	022	SL	P103	20	916	00008–99999
W122	P170	102	916	M17D22 5ORN	087	022	SL	P103	21	916	00008–99999
W122	P170	103	916	M18D22 5GRN	087	022	SL	P103	22	916	00008–99999
W122	P170	104	916	M19A22 3	086	022	SY	P105	A	918	00008–99999
W122	P170	105	916	M20B22N 3	090	022	SY	GS104	J		00008–99999
W122	P170	106	916	T120B24 3	087	024	GA	P103	34	916	00012–99999
W122	P170	107	916	T121B24 3	087	024	GA	P103	35	916	00012–99999
W122	P170	108	916	E49B24 4	006	024	ZZ	P170	SH 5	833	00012–99999
W122	P170	109	916	E46B24 4	006	024	ZZ	P170	SH 4	833	00012–00051
W122	P170	110	916	E24B24 3	006	024	ZZ	P170	SH 3	833	00012–00051
W122	P170	111	916	E25B24 3	006	024	ZZ	P170	SH 2	833	00012–00051
W122	P170	112	916	E28C24 3	006	024	ZZ	P170	SH 1	833	00012–00051
W122	P170	Case		E28C24 3	000	024	ZZ	P170	SH 1		00008–00011
W122	P170	Case		E24B24 3	000	024	ZZ	P170	SH 2		00008–00011
W122	P170	Case		E25B24 3	000	024	ZZ	P170	SH 3		00008–00011
W122	P170	Case		E46B24 4	000	024	ZZ	P170	SH 4		00008–00011
W122	P170	Case		E49B24 4	000	024	ZZ	P170	SH 5		00008–00011
W122	P170	Case		Q30F22 5	000	022	ZZ	P170	SH 9		00008–99999
W122	P170	Case		T81E24 5	000	024	ZZ	P170	SH16		00008–99999
W122	P170	Case		T82E24 5	000	024	ZZ	P170	SH17		00008–99999
W122	P170	Case		C37E22 5	000	022	ZZ	P170	SH18		00008–99999
W122	P170	Case		E273B24 3	000	024	ZZ	P170	SH19		00008–99999
W122	P170	Case		M21G22 5	000	022	ZZ	P170	SH20		00008–99999
W122	P170	SH 1		E28C24 3	000	024	ZZ	P170	Case		00008–00011
W122	P170	SH 1	833	E28C24 3	006	024	ZZ	P170	112	916	00012–00051
W122	P170	SH 2		E24B24 3	000	024	ZZ	P170	Case		00008–00011
W122	P170	SH 2	833	E25B24 3	006	024	ZZ	P170	111	916	00012–00051
W122	P170	SH 3	833	E24B24 3	006	024	ZZ	P170	110	916	00012–00051
W122	P170	SH 3		E25B24 3	000	024	ZZ	P170	Case		00008–00011
W122	P170	SH 4		E46B24 4	000	024	ZZ	P170	Case		00008–00011
W122	P170	SH 4	833	E46B24 4	006	024	ZZ	P170	109	916	00012–00051
W122	P170	SH 5		E49B24 4	000	024	ZZ	P170	Case		00008–00011
W122	P170	SH 5	833	E49B24 4	006	024	ZZ	P170	108	916	00012–99999
W122	P170	SH 6	833	E36B24 5	006	024	ZZ	P170	55	916	00008–99999
W122	P170	SH 7	833	E39B24 5	006	024	ZZ	P170	56	916	00008–99999
W122	P170	SH 9		Q30F22 5	000	022	ZZ	P170	Case		00008–99999
W122	P170	SH10	833	T75D24 5	006	024	ZZ	P170	17	916	00008–99999
W122	P170	SH11	833	T76D24 5	006	024	ZZ	P170	18	916	00008–99999
W122	P170	SH12	833	T79D24 3	006	024	ZZ	P170	19	916	00008–99999

Table 13. W122 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W122	P170	SH13	833	T70C24 5	006	024	ZZ	P170	62	916	00008–99999
W122	P170	SH14	833	T71C24 5	006	024	ZZ	P170	65	916	00008–99999
W122	P170	SH15	833	T74C24 3	006	024	ZZ	P170	68	916	00008–99999
W122	P170	SH16		T81E24 5	000	024	ZZ	P170	Case		00008–99999
W122	P170	SH17		T82E24 5	000	024	ZZ	P170	Case		00008–99999
W122	P170	SH18		C37E22 5	000	022	ZZ	P170	Case		00008–99999
W122	P170	SH19		E273B24 3	000	024	ZZ	P170	Case		00008–99999
W122	P170	SH20		M21G22 5	000	022	ZZ	P170	Case		00008–99999
W122	P342	A	891	E110E20 3	010	020	SY	P342 SP1			00008–99999
W122	P342	B	891	E112A20N 3	048	020	SY	GS304	D		00008–99999
W122	P342 SP1			E110E20 3	010	020	SY	P342	A	891	00008–99999
W122	P342 SP1			E110D22 3	042	022	SY	P376	M	917	00008–99999
W122	P362	A	918	E104A20N 3	080	020	SY	GS306	D		00052–99999
W122	P362	A	918	E104A20N 3WHT	080	020	SJ	GS306	D		00012–00051
W122	P362	A	918	E104A22N 3	080	022	SY	GS306	D		00008–00011
W122	P362	D	918	E64B24 3	070	024	GA	P376	N	917	00008–00011
W122	P362	D	918	E64B24 3	070	024	GA	P376	N	917	00052–99999
W122	P362	D	918	E64B24 3	070	024	XE	P376	N	917	00012–00051
W122	P362	E	918	E57A24 4ORN	222	024	XG	P153 SP1			00008–00011
W122	P362	E	918	E57A24 5ORN	222	024	RC	P153 SP1			00052–99999
W122	P362	E	918	E57A24 5ORN	222	024	XG	P153 SP1			00012–00051
W122	P362	G	918	E20A24 3	248	024	GA	P170	38	916	00052–99999
W122	P362	G	918	E20A24 3ORN	248	024	RC	P170	38	916	00008–00011
W122	P362	G	918	E20A24 3WHT	248	024	XG	P170	38	916	00012–00051
W122	P362	H	918	E22A24 3	248	024	GA	P170	40	916	00052–99999
W122	P362	H	918	E22A24 3BLU	248	024	RC	P170	40	916	00008–00011
W122	P362	H	918	E22A24 3BLU	248	024	XG	P170	40	916	00012–00051
W122	P362	K	918	E267B24 3WHT	070	024	RB	P376	Y	917	00008–00011
W122	P362	K	918	E267B24 5WHT	070	024	RB	P376	Y	917	00052–99999
W122	P362	K	918	E267B24 5WHT	070	024	XF	P376	Y	917	00012–00051
W122	P362	L	918	E268B24 3BLU	070	024	RB	P376	X	917	00008–00011
W122	P362	L	918	E268B24 5BLU	070	024	RB	P376	X	917	00052–99999
W122	P362	L	918	E268B24 5BLU	070	024	XF	P376	X	917	00012–00051
W122	P362	P	918	E72B20 3	070	020	SY	P376	F	917	00008–00011
W122	P362	P	918	E72B20 3	070	020	SY	P376	F	917	00052–99999
W122	P362	P	918	E72B20 3WHT	070	020	SJ	P376	F	917	00012–00051
W122	P362	R	918	E74B20 3	070	020	SY	P376	G	917	00008–00011
W122	P362	R	918	E74B20 3	070	020	SY	P376	G	917	00052–99999
W122	P362	R	918	E74B20 3BLU	070	020	SJ	P376	G	917	00012–00051
W122	P362	S	918	E103A20N 3	080	020	SY	GS306	E		00052–99999
W122	P362	S	918	E103A20N 3BLU	080	020	SJ	GS306	E		00012–00051

Table 13. W122 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W122	P362	S	918	E103A22N 3	080	022	SY	GS306	E		00008–00011
W122	P362	T	918	E29D24 3	248	024	GA	P170	42	916	00052–99999
W122	P362	T	918	E29D24 4WHT	248	024	RB	P170	42	916	00008–00011
W122	P362	T	918	E29D24 4WHT	248	024	XF	P170	42	916	00012–00051
W122	P362	V	918	E48A24 4BLU	248	024	RB	P170	45	916	00008–00011
W122	P362	V	918	E48A24 4BLU	280	024	RB	P170	45	916	00052–99999
W122	P362	V	918	E48A24 4BLU	248	024	XF	P170	45	916	00012–00051
W122	P362	W	918	E47A24 4WHT	248	024	RB	P170	44	916	00008–00011
W122	P362	W	918	E47A24 4WHT	280	024	RB	P170	44	916	00052–99999
W122	P362	W	918	E47A24 4WHT	248	024	XF	P170	44	916	00012–00051
W122	P362	X	918	E55A24 4WHT	222	024	XG	P153	15	916	00008–00011
W122	P362	X	918	E55A24 5WHT	222	024	RC	P153	15	916	00052–99999
W122	P362	X	918	E55A24 5WHT	222	024	XG	P153	15	916	00012–00051
W122	P362	AA	918	E18A24 3	248	024	GA	P170	36	916	00052–99999
W122	P362	AA	918	E18A24 3ORN	248	024	XG	P170	36	916	00012–00051
W122	P362	AA	918	E18A24 3WHT	248	024	RC	P170	36	916	00008–00011
W122	P362	BB	918	E298A24 3	010	024	GA	P362 SP1			00052–99999
W122	P362	CC	918	E59A24 4WHT	222	024	XF	P153	7	916	00008–00011
W122	P362	CC	918	E59A24 5WHT	222	024	RB	P153	7	916	00052–99999
W122	P362	CC	918	E59A24 5WHT	222	024	XF	P153	7	916	00012–00051
W122	P362	DD	918	E60A24 4BLU	222	024	XF	P153	8	916	00008–00011
W122	P362	DD	918	E60A24 5BLU	222	024	RB	P153	8	916	00052–99999
W122	P362	DD	918	E60A24 5BLU	222	024	XF	P153	8	916	00012–00051
W122	P362	EE	918	E21A24 3	248	024	GA	P170	39	916	00052–99999
W122	P362	EE	918	E21A24 3WHT	248	024	RC	P170	39	916	00008–00011
W122	P362	EE	918	E21A24 3WHT	248	024	XG	P170	39	916	00012–00051
W122	P362	GG	918	E296A24 3WHT	247	024	RB	A652DECKB	1	A11	00052–99999
W122	P362	HH	918	E297A24 3BLU	247	024	RB	A652DECKB	2	A11	00052–99999
W122	P362	ZA	918	E19A24 3	248	024	GA	P170	37	916	00052–99999
W122	P362	ZA	918	E19A24 3BLU	248	024	RC	P170	37	916	00008–00011
W122	P362	ZA	918	E19A24 3BLU	248	024	XG	P170	37	916	00012–00051
W122	P362	ZB	918	E62A24 3	200	024	GA	P150	N	918	00052–99999
W122	P362	ZB	918	E62A24 3	200	024	RA	P150	N	918	00008–00011
W122	P362	ZB	918	E62A24 3	200	024	XE	P150	N	918	00012–00051
W122	P362	ZK	918	E50A24 5WHT	273	024	RB	P105	ZA	918	00008–00011
W122	P362	ZK	918	E50A24 5WHT	300	024	RB	P105	ZA	918	00052–99999
W122	P362	ZK	918	E50A24 5WHT	273	024	XF	P105	ZA	918	00012–00051
W122	P362	ZM	918	E51A24 5BLU	273	024	RB	P105	ZB	918	00008–00011
W122	P362	ZM	918	E51A24 5BLU	300	024	RB	P105	ZB	918	00052–99999
W122	P362	ZM	918	E51A24 5BLU	273	024	XF	P105	ZB	918	00012–00051
W122	P362	ZN	918	E23A24 3	248	024	GA	P170	41	916	00052–99999

Table 13. W122 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W122	P362	ZN	918	E23A24 3ORN	248	024	RC	P170	41	916	00008–00011
W122	P362	ZN	918	E23A24 3ORN	248	024	XG	P170	41	916	00012–00051
W122	P362	ZP	918	E30D24 3	248	024	GA	P170	43	916	00052–99999
W122	P362	ZP	918	E30D24 4BLU	248	024	RB	P170	43	916	00008–00011
W122	P362	ZP	918	E30D24 4BLU	248	024	XF	P170	43	916	00012–00051
W122	P362	ZR	918	E56A24 4BLU	222	024	XG	P153	17	916	00008–00011
W122	P362	ZR	918	E56A24 5BLU	222	024	RC	P153	17	916	00052–99999
W122	P362	ZR	918	E56A24 5BLU	222	024	XG	P153	17	916	00012–00051
W122	P362	ZS	918	E106A24 3	070	024	GA	P376	L	917	00008–00011
W122	P362	ZS	918	E106A24 3	070	024	GA	P376	L	917	00052–99999
W122	P362	ZS	918	E106A24 3	070	024	XE	P376	L	917	00012–00051
W122	P362	ZT	918	E53A24 3	273	024	GA	P105	B	918	00052–99999
W122	P362	ZT	918	E53A24 3	273	024	XE	P105	B	918	00012–00051
W122	P362	ZT	918	E53A24 5	273	024	RA	P105	B	918	00008–00011
W122	P362	ZU	918	E299A24 3	010	024	GA	P362 R1		A11	00052–99999
W122	P362 R1		A11	E299A24 3	010	024	GA	P362	ZU	918	00052–99999
W122	P362 R1		A11	E299B24 3	010	024	GA	P362 SP1			00052–99999
W122	P362 SP1			E298B24 3	247	024	RA	A652DECKB	3	A11	00052–99999
W122	P362 SP1			E299B24 3	010	024	GA	P362 R1		A11	00052–99999
W122	P362 SP1			E298A24 3	010	024	GA	P362	BB	918	00052–99999
W122	P362 SP1	SH 2	894	E302A24 3	006	024	ZZ	P362	Case		00052–99999
W122	P362	Case		E303A24 3	000	024	ZZ	P362	SH 1		00052–99999
W122	P362	Case		E63A24 3	000	024	ZZ	P362	SH 1		00008–00051
W122	P362	Case		E25A24 3	000	024	ZZ	P362	SH 2		00008–00051
W122	P362	Case		E24A24 3	000	024	ZZ	P362	SH 3		00008–00051
W122	P362	Case		E46A24 4	000	024	ZZ	P362	SH 4		00008–00051
W122	P362	Case		E49A24 4	000	024	ZZ	P362	SH 5		00008–99999
W122	P362	Case		E52A24 5	000	024	ZZ	P362	SH 6		00008–99999
W122	P362	Case		E54A24 5	000	024	ZZ	P362	SH 7		00008–00051
W122	P362	Case		E272D24 3	000	024	ZZ	P362	SH 8		00008–00011
W122	P362	Case		E272G24 3	000	024	ZZ	P362	SH 8		00012–99999
W122	P362	Case		E283C20 3	000	020	ZZ	P362	SH 9		00012–99999
W122	P362	Case		E103B20 3	000	020	ZZ	P362	SH10		00012–99999
W122	P362	Case		E64E24 3	000	024	ZZ	P362	SH11		00012–00051
W122	P362	Case		E58A24 5	000	024	ZZ	P362	SH12		00012–99999
W122	P362	Case		E61A24 5	000	024	ZZ	P362	SH13		00012–99999
W122	P362	Case		E302A24 3	006	024	ZZ	P362 SP1	SH 2	894	00052–99999
W122	P362	SH 1		E303A24 3	000	024	ZZ	P362	Case		00052–99999
W122	P362	SH 1		E63A24 3	000	024	ZZ	P362	Case		00008–00051
W122	P362	SH 2		E25A24 3	000	024	ZZ	P362	Case		00008–00051
W122	P362	SH 3		E24A24 3	000	024	ZZ	P362	Case		00008–00051

Table 13. W122 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W122	P362	SH 4		E46A24 4	000	024	ZZ	P362	Case		00008–00051
W122	P362	SH 5		E49A24 4	000	024	ZZ	P362	Case		00008–99999
W122	P362	SH 6		E52A24 5	000	024	ZZ	P362	Case		00008–99999
W122	P362	SH 7		E54A24 5	000	024	ZZ	P362	Case		00008–00051
W122	P362	SH 8		E272D24 3	000	024	ZZ	P362	Case		00008–00011
W122	P362	SH 8		E272G24 3	000	024	ZZ	P362	Case		00012–99999
W122	P362	SH 9		E283C20 3	000	020	ZZ	P362	Case		00012–99999
W122	P362	SH10		E103B20 3	000	020	ZZ	P362	Case		00012–99999
W122	P362	SH11		E64E24 3	000	024	ZZ	P362	Case		00012–00051
W122	P362	SH12		E58A24 5	000	024	ZZ	P362	Case		00012–99999
W122	P362	SH13		E61A24 5	000	024	ZZ	P362	Case		00012–99999
W122	P376	A	917	E68B22 3	254	022	SY	P170	47	916	00008–00051
W122	P376	B	917	E78B22 3	206	022	SY	P150	P	918	00008–99999
W122	P376	C	917	W4A24 3WHT	281	024	RC	P103	64	916	00008–99999
W122	P376	D	917	E70B22 3	206	022	SY	P150	T	918	00008–99999
W122	P376	E	917	W5A24 3BLU	281	024	RC	P103	65	916	00008–99999
W122	P376	F	917	E72B20 3	070	020	SY	P362	P	918	00008–00011
W122	P376	F	917	E72B20 3	070	020	SY	P362	P	918	00052–99999
W122	P376	F	917	E72B20 3WHT	070	020	SJ	P362	P	918	00012–00051
W122	P376	G	917	E74B20 3	070	020	SY	P362	R	918	00008–00011
W122	P376	G	917	E74B20 3	070	020	SY	P362	R	918	00052–99999
W122	P376	G	917	E74B20 3BLU	070	020	SJ	P362	R	918	00012–00051
W122	P376	H	917	E97A22 3	206	022	SY	P150	S	918	00008–99999
W122	P376	J	917	E98A22 3	206	022	SY	P150	U	918	00008–99999
W122	P376	K	917	C2L22 3	228	022	SY	P153	21	916	00008–00051
W122	P376	L	917	E106A24 3	070	024	GA	P362	ZS	918	00008–00011
W122	P376	L	917	E106A24 3	070	024	GA	P362	ZS	918	00052–99999
W122	P376	L	917	E106A24 3	070	024	XE	P362	ZS	918	00012–00051
W122	P376	M	917	E110D22 3	042	022	SY	P342 SP1			00008–99999
W122	P376	N	917	E64B24 3	070	024	GA	P362	D	918	00008–00011
W122	P376	N	917	E64B24 3	070	024	GA	P362	D	918	00052–99999
W122	P376	N	917	E64B24 3	070	024	XE	P362	D	918	00012–00051
W122	P376	P	917	W6A24 3ORN	281	024	RC	P103	66	916	00008–99999
W122	P376	R	917	T7B20 3WHT	279	020	SB	P105	ZQ	918	00008–99999
W122	P376	S	917	T7D20 3WHT	279	020	SB	P105	ZR	918	00008–99999
W122	P376	T	917	P42C24 5WHT	281	024	RB	P103	33	916	00008–99999
W122	P376	U	917	P43C24 5BLU	281	024	RB	P103	32	916	00008–99999
W122	P376	V	917	P45A24 3	279	024	GA	P105	S	918	00008–99999
W122	P376	W	917	E272F24 5	006	024	ZZ	P376	SH 3	833	00012–00051
W122	P376	X	917	E268B24 3BLU	070	024	RB	P362	L	918	00008–00011
W122	P376	X	917	E268B24 5BLU	070	024	RB	P362	L	918	00052–99999

Table 13. W122 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W122	P376	X	917	E268B24 5BLU	070	024	XF	P362	L	918	00012–00051
W122	P376	Y	917	E267B24 3WHT	070	024	RB	P362	K	918	00008–00011
W122	P376	Y	917	E267B24 5WHT	070	024	RB	P362	K	918	00052–99999
W122	P376	Y	917	E267B24 5WHT	070	024	XF	P362	K	918	00012–00051
W122	P376	Z	917	E283B20 3	006	020	ZZ	P376	SH 4	827	00012–00051
W122	P376	ZA	917	E64D24 3	006	024	ZZ	P376	SH 5	833	00012–00051
W122	P376	ZB	917	E99C24 3	200	024	GA	P150 SP1			00052–99999
W122	P376	ZC	917	E100E24 3	200	024	GA	P150 SP2			00052–99999
W122	P376	Case		E283B20 3	000	020	ZZ	P376	SH 4		00052–99999
W122	P376	Case		W29C22 3	000	022	ZZ	P376	SH 1		00008–99999
W122	P376	Case		P11A24 3	000	024	ZZ	P376	SH 2		00008–99999
W122	P376	Case		E272C24 3	000	024	ZZ	P376	SH 3		00008–00011
W122	P376	Case		E272F24 5	000	024	ZZ	P376	SH 3		00052–99999
W122	P376	SH 1		W29C22 3	000	022	ZZ	P376	Case		00008–99999
W122	P376	SH 2		P11A24 3	000	024	ZZ	P376	Case		00008–99999
W122	P376	SH 3		E272C24 3	000	024	ZZ	P376	Case		00008–00011
W122	P376	SH 3		E272F24 5	000	024	ZZ	P376	Case		00052–99999
W122	P376	SH 3	833	E272F24 5	006	024	ZZ	P376	W	917	00012–00051
W122	P376	SH 4		E283B20 3	000	020	ZZ	P376	Case		00052–99999
W122	P376	SH 4	827	E283B20 3	006	020	ZZ	P376	Z	917	00012–00051
W122	P376	SH 5	833	E64D24 3	006	024	ZZ	P376	ZA	917	00012–00051

Table 14. W123 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W123	A652DECKA	1		E290A24 3WHT	265	024	RB	P363	GG	918	00052–99999
W123	A652DECKA	2		E291A24 3BLU	265	024	RB	P363	HH	918	00052–99999
W123	A652DECKA	3		E292B24 3	265	024	RA	P363 SP1			00052–99999
W123	A675TB1 –3	T		R3A24 3	048	024	GA	P104	Y	918	00012–99999
W123	GS101	E		T20D24N 3	072	024	GA	P104 SP1			00008–99999
W123	GS101	F		T2A20N 3BLU	072	020	SB	P104	ZS	918	00008–99999
W123	GS103	G		T29C24N 3	072	024	GA	P104 SP2			00008–99999
W123	GS103	H		T4A20N 3BLU	072	020	SB	P104	ZT	918	00008–99999
W123	GS105	C		T58B22N 3	185	022	SY	J155	L	918	00008–99999
W123	GS105	E		C24B22N 3	177	022	SY	J157	27	916	00008–99999
W123	GS105	H		T91D22N 2	092	022	SY	P171	104	916	00008–99999
W123	GS107	B		C23B22N 3	185	022	SY	J155	S	918	00008–99999
W123	GS107	C		T57B22N 3	185	022	SY	J155	H	918	00008–99999
W123	GS107	E		C30B22N 3	185	022	SY	J155	T	918	00008–99999
W123	GS107	J		C22B22N 3	185	022	SY	J155	P	918	00008–99999
W123	GS112	G		L144B22N 3	087	022	SY	P133	C	918	00052–99999
W123	GS114	F		NACA15E22N 3	087	022	SY	P133	X	918	00052–99999
W123	GS114	J		P203B22N 3	087	022	SY	P133	R	918	00052–99999
W123	GS201			P127B20N 3	055	020	SY	J137	B	798	00008–99999
W123	GS201			P127A22N 3	055	022	SY	J139	8	916	00008–99999
W123	GS303	D		E111A20N 3	039	020	SY	P343	B	891	00008–99999
W123	GS305	F		E101A20N 3	039	020	SY	P363	S	918	00052–99999
W123	GS305	F		E101A20N 3WHT	039	020	SJ	P363	S	918	00012–00051
W123	GS305	F		E101A22N 3	039	022	SY	P363	S	918	00008–00011
W123	GS305	G		E102A20N 3	039	020	SY	P363	A	918	00052–99999
W123	GS305	G		E102A20N 3BLU	039	020	SJ	P363	A	918	00012–00051
W123	GS305	G		E102A22N 3	039	022	SY	P363	A	918	00008–00011
W123	GS305	H		E101C20N 3	006	020	ZZ	GS305	SH 1	827	00012–00051
W123	GS305	SH 1	827	E101C20N 3	006	020	ZZ	GS305	H		00012–00051
W123	J137	A	798	P125C20 3	020	020	SY	J139 SP1			00008–99999
W123	J137	B	798	P127B20N 3	055	020	SY	GS201			00008–99999
W123	J139	1	916	E268A24 3BLU	119	024	RB	P377	30	915	00008–00011
W123	J139	1	916	E268A24 3BLU	119	024	RB	P377	ZG	917	00010–00011
W123	J139	1	916	E268A24 5BLU	119	024	RB	P377	ZG	917	00052–99999
W123	J139	1	916	E268A24 5BLU	119	024	XF	P377	ZG	917	00012–00051
W123	J139	2	916	E267A24 3WHT	119	024	RB	P377	29	915	00008–00009
W123	J139	2	916	E267A24 3WHT	119	024	RB	P377	F	917	00010–00011
W123	J139	2	916	E267A24 5WHT	119	024	RB	P377	F	917	00052–99999
W123	J139	2	916	E267A24 5WHT	119	024	XF	P377	F	917	00012–00051
W123	J139	3	916	E44A24 3BLU	123	024	RB	P363	L	918	00008–00011
W123	J139	3	916	E44A24 5BLU	123	024	RB	P363	L	918	00052–99999

Table 14. W123 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W123	J139	3	916	E44A24 5BLU	123	024	XF	P363	L	918	00012–00051
W123	J139	4	916	E43A24 3WHT	123	024	RB	P363	K	918	00008–00011
W123	J139	4	916	E43A24 5WHT	123	024	RB	P363	K	918	00052–99999
W123	J139	4	916	E43A24 5WHT	123	024	XF	P363	K	918	00012–00051
W123	J139	5	916	E270B24 3BLU	193	024	RB	P171	91	916	00008–00011
W123	J139	5	916	E270C24 5BLU	193	024	RB	P171	91	916	00012–99999
W123	J139	6	916	E269B24 3WHT	193	024	RB	P171	90	916	00008–00011
W123	J139	6	916	E269C24 5WHT	193	024	RB	P171	90	916	00012–00051
W123	J139	6	916	E269C24 5WHT	193	024	RB	P171	90	916	00052–99999
W123	J139	7	916	P125D22 3	010	022	SY	J139 SP1			00008–99999
W123	J139	8	916	P127A22N 3	055	022	SY	GS201			00008–99999
W123	J139 SP1			P125B22 3	119	022	SY	P377	32	915	00008–00009
W123	J139 SP1			P125B22 3	119	022	SY	P377	ZI	917	00010–99999
W123	J139 SP1			P125C20 3	020	020	SY	J137	A	798	00008–99999
W123	J139 SP1			P125D22 3	010	022	SY	J139	7	916	00008–99999
W123	J139	Case		E272A24 5	000	024	ZZ	J139	SH 1		00052–99999
W123	J139	Case	145	E273D24 3	006	024	ZZ	J139	SH 1	833	00008–00011
W123	J139	Case	145	E271A24 3	006	024	ZZ	J139	SH 2	833	00008–00011
W123	J139	Case		E271A24 5	000	024	ZZ	J139	SH 2		00052–99999
W123	J139	Case	145	E272A24 5	006	024	ZZ	J139	SH 3	833	00008–00051
W123	J139	Case		E273D24 5	000	024	ZZ	J139	SH 3		00052–99999
W123	J139	SH 1		E272A24 5	000	024	ZZ	J139	Case		00052–99999
W123	J139	SH 1	833	E273D24 3	006	024	ZZ	J139	Case	145	00008–00011
W123	J139	SH 2	833	E271A24 3	006	024	ZZ	J139	Case	145	00008–00011
W123	J139	SH 2		E271A24 5	000	024	ZZ	J139	Case		00052–99999
W123	J139	SH 3	833	E272A24 5	006	024	ZZ	J139	Case	145	00008–00051
W123	J139	SH 3		E273D24 5	000	024	ZZ	J139	Case		00052–99999
W123	J155	A	918	H15C22 3	182	022	SY	P171	8	916	00008–99999
W123	J155	B	918	H15F22 3	182	022	SY	P171	9	916	00008–99999
W123	J155	C	918	H12B22 3	258	022	SY	P377	15	915	00008–00009
W123	J155	C	918	H12B22 3	258	022	SY	P377	R	917	00010–99999
W123	J155	D	918	H8C22 3	258	022	SY	P377	17	915	00008–00009
W123	J155	D	918	H8C22 3	258	022	SY	P377	T	917	00010–99999
W123	J155	E	918	H2E22 3	258	022	SY	P377	18	915	00008–00009
W123	J155	E	918	H2E22 3	258	022	SY	P377	U	917	00010–99999
W123	J155	F	918	H18B22 3	258	022	SY	P377	20	915	00008–00009
W123	J155	F	918	H18B22 3	258	022	SY	P377	W	917	00010–99999
W123	J155	G	918	T56B22 3	201	022	SY	P104	N	918	00008–99999
W123	J155	H	918	T57B22N 3	185	022	SY	GS107	C		00008–99999
W123	J155	J	918	T6B22 3	182	022	SY	P171	114	916	00035–99999
W123	J155	J	918	T6B22 3	258	022	SY	P377	21	915	00008–00009

Table 14. W123 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W123	J155	J	918	T6B22 3	258	022	SY	P377	X	917	00010–00034
W123	J155	K	918	T6E22 3	182	022	SY	P171	115	916	00035–99999
W123	J155	K	918	T6E22 3	258	022	SY	P377	22	915	00008–00009
W123	J155	K	918	T6E22 3	258	022	SY	P377	Y	917	00010–00034
W123	J155	L	918	T58B22N 3	185	022	SY	GS105	C		00008–99999
W123	J155	M	918	T59B22 3	182	022	SY	P171	11	916	00008–99999
W123	J155	N	918	C20C22 3	182	022	SY	P171	83	916	00008–99999
W123	J155	P	918	C22B22N 3	185	022	SY	GS107	J		00008–99999
W123	J155	R	918	C21C22 3	182	022	SY	P171	86	916	00008–99999
W123	J155	S	918	C23B22N 3	185	022	SY	GS107	B		00008–99999
W123	J155	T	918	C30B22N 3	185	022	SY	GS107	E		00008–99999
W123	J155	U	918	C31B22 3	182	022	SY	P171	84	916	00008–99999
W123	J155	V	918	C32B22 5WHT	182	022	SL	P171	85	916	00008–99999
W123	J155	W	918	C35B22 5GRN	182	022	SL	P171	89	916	00008–99999
W123	J155	X	918	C33B22 5BLU	182	022	SL	P171	87	916	00008–99999
W123	J155	Y	918	C34B22 5ORN	182	022	SL	P171	88	916	00008–99999
W123	J155	Z	918	M6K20 3	182	020	SY	P176	C	918	00008–99999
W123	J155	ZA	918	M6E20 3	182	020	SY	P176	D	918	00008–99999
W123	J155	ZB	918	M3L22 3	182	022	SY	P171	98	916	00008–99999
W123	J155	ZC	918	M3F22 3	182	022	SY	P171	99	916	00008–99999
W123	J155	ZE	918	NACA2E22 3	210	022	SY	P133	U	918	00052–99999
W123	J155	ZF	918	NACA5B24 3	210	024	GA	P102	35	916	00052–99999
W123	J155	ZG	918	NACA7B22 3	182	022	SY	P171	108	916	00052–99999
W123	J155	ZH	918	NACA3E22 3	210	022	SY	P133	Y	918	00052–99999
W123	J155	ZK	918	NACA9B24 3	210	024	GA	P104	G	918	00052–99999
W123	J155	ZM	918	NACA11B22 3	182	022	SY	P171	109	916	00052–99999
W123	J155	Case	102	C37C22 5	006	022	ZZ	J155	SH 1	830	00008–99999
W123	J155	SH 1	830	C37C22 5	006	022	ZZ	J155	Case	102	00008–99999
W123	J157	1	916	T32B24 5WHT	193	024	RD	P102	19	916	00008–99999
W123	J157	2	916	T33B24 5BLU	193	024	RD	P102	20	916	00008–99999
W123	J157	3	916	T34B24 5ORN	193	024	RD	P102	21	916	00008–99999
W123	J157	4	916	T35B24 5GRN	193	024	RD	P102	22	916	00008–99999
W123	J157	5	916	T36B24 4WHT	172	024	RB	P171	21	916	00008–99999
W123	J157	6	916	T37B24 4BLU	172	024	RB	P171	22	916	00008–99999
W123	J157	7	916	E48B24 4BLU	172	024	RB	P171	56	916	00008–00011
W123	J157	7	916	E48B24 4BLU	172	024	RB	P171	56	916	00052–99999
W123	J157	7	916	E48B24 4BLU	172	024	XF	P171	56	916	00012–00051
W123	J157	8	916	E47B24 4WHT	172	024	RB	P171	55	916	00052–99999
W123	J157	8	916	E47B24 4WHT	172	024	XF	P171	55	916	00008–00011
W123	J157	8	916	E47B24 4WHT	172	024	XF	P171	55	916	00012–00051
W123	J157	9	916	E41A24 4BLU	252	024	RB	P363	V	918	00052–99999

Table 14. W123 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W123	J157	9	916	E41A24 4BLU	252	024	XF	P363	V	918	00012–00051
W123	J157	9	916	E41A24 5BLU	252	024	RB	P363	V	918	00008–00011
W123	J157	10	916	E40A24 4WHT	252	024	RB	P363	W	918	00052–99999
W123	J157	10	916	E40A24 4WHT	252	024	XF	P363	W	918	00012–00051
W123	J157	10	916	E40A24 5WHT	252	024	RB	P363	W	918	00008–00011
W123	J157	11	916	T38B24 5WHT	172	024	RC	P171	25	916	00008–99999
W123	J157	12	916	T39B24 5BLU	172	024	RC	P171	26	916	00008–99999
W123	J157	13	916	T40B24 5ORN	172	024	RC	P171	27	916	00008–99999
W123	J157	14	916	T41B22 3	191	022	SY	P104	M	918	00008–99999
W123	J157	15	916	T44B24 3	172	024	GA	P171	28	916	00008–99999
W123	J157	16	916	T46B22 3	172	022	SY	P171	29	916	00008–99999
W123	J157	17	916	T68B24 4WHT	192	024	RB	P107	3	915	00008–99999
W123	J157	18	916	T69B24 4BLU	192	024	RB	P107	4	915	00008–99999
W123	J157	19	916	T64B24 5GRN	192	024	RD	P107	17	915	00008–99999
W123	J157	20	916	T65B24 5BLU	192	024	RD	P107	15	915	00008–99999
W123	J157	21	916	T66B24 5ORN	192	024	RD	P107	16	915	00008–99999
W123	J157	22	916	T67B24 5WHT	192	024	RD	P107	14	915	00008–99999
W123	J157	23	916	T60B24 5GRN	192	024	RD	P107	21	915	00008–99999
W123	J157	24	916	T61B24 5BLU	192	024	RD	P107	19	915	00008–99999
W123	J157	25	916	T62B24 5ORN	192	024	RD	P107	20	915	00008–99999
W123	J157	26	916	T63B24 5WHT	192	024	RD	P107	18	915	00008–99999
W123	J157	27	916	C24B22N 3	177	022	SY	GS105	E		00008–99999
W123	J157	28	916	C25B22 3	191	022	SY	P104	R	918	00008–99999
W123	J157	29	916	C26B22 5WHT	193	022	SL	P102	15	916	00008–99999
W123	J157	30	916	C27B22 5BLU	193	022	SL	P102	16	916	00008–99999
W123	J157	31	916	C28B22 5ORN	193	022	SL	P102	17	916	00008–99999
W123	J157	32	916	C29B22 5GRN	193	022	SL	P102	18	916	00008–99999
W123	J157	33	916	E49D24 4	006	024	ZZ	J157	SH 1	833	00012–99999
W123	J157	34	916	E42B24 4	006	024	ZZ	J157	SH 2	833	00012–99999
W123	J157	Case		E49D24 4	000	024	ZZ	J157	SH 1		00008–00011
W123	J157	Case		E42B24 4	000	024	ZZ	J157	SH 2		00008–00011
W123	J157	Case		T80C24 5	000	024	ZZ	J157	SH 3		00008–99999
W123	J157	Case		T81C24 4	000	024	ZZ	J157	SH 4		00008–99999
W123	J157	Case		T82C24 5	000	024	ZZ	J157	SH 5		00008–99999
W123	J157	Case		T86C24 5	000	024	ZZ	J157	SH 6		00008–99999
W123	J157	Case		T87C24 5	000	024	ZZ	J157	SH 7		00008–99999
W123	J157	Case		T88C24 5	000	024	ZZ	J157	SH 8		00008–99999
W123	J157	Case		C36C22 5	000	022	ZZ	J157	SH 9		00008–99999
W123	J157	SH 1		E49D24 4	000	024	ZZ	J157	Case		00008–00011
W123	J157	SH 1	833	E49D24 4	006	024	ZZ	J157	33	916	00012–99999
W123	J157	SH 2		E42B24 4	000	024	ZZ	J157	Case		00008–00011

Table 14. W123 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W123	J157	SH 2	833	E42B24 4	006	024	ZZ	J157	34	916	00012–99999
W123	J157	SH 3		T80C24 5	000	024	ZZ	J157	Case		00008–99999
W123	J157	SH 4		T81C24 4	000	024	ZZ	J157	Case		00008–99999
W123	J157	SH 5		T82C24 5	000	024	ZZ	J157	Case		00008–99999
W123	J157	SH 6		T86C24 5	000	024	ZZ	J157	Case		00008–99999
W123	J157	SH 7		T87C24 5	000	024	ZZ	J157	Case		00008–99999
W123	J157	SH 8		T88C24 5	000	024	ZZ	J157	Case		00008–99999
W123	J157	SH 9		C36C22 5	000	022	ZZ	J157	Case		00008–99999
W123	J303	1	915	E229C24 4WHT	274	024	RB	P102	51	916	00052–99999
W123	J303	1	915	E229C24 4WHT	274	024	XF	P102	51	916	00008–00051
W123	J303	2	915	E230C24 4BLU	274	024	RB	P102	52	916	00052–99999
W123	J303	2	915	E230C24 4BLU	274	024	XF	P102	52	916	00008–00051
W123	J303	3	915	E266E24 5	006	024	ZZ	J303	SH 1	833	00008–99999
W123	J303	4	915	E185B24 4WHT	274	024	RB	P102	53	916	00052–99999
W123	J303	5	915	E186B24 4BLU	274	024	RB	P102	54	916	00052–99999
W123	J303	5	915	E186B24 4BLU	274	024	XF	P102	54	916	00008–00051
W123	J303	6	915	E248C24 5	006	024	ZZ	J303	SH 2	833	00008–99999
W123	J303	7	915	E187B24 5WHT	274	024	RB	P102	1	916	00052–99999
W123	J303	7	915	E187B24 5WHT	274	024	XF	P102	1	916	00008–00051
W123	J303	8	915	E188B24 5BLU	274	024	RB	P102	2	916	00052–99999
W123	J303	8	915	E188B24 5BLU	274	024	XF	P102	2	916	00008–00051
W123	J303	9	915	E249C24 5	006	024	ZZ	J303	SH 3	833	00008–99999
W123	J303	4	915	E185B24 4WHT	274	024	XF	P102	53	917	00010–99999
W123	J303	SH 1	833	E266E24 5	006	024	ZZ	J303	3	915	00008–99999
W123	J303	SH 2	833	E248C24 5	006	024	ZZ	J303	6	915	00008–99999
W123	J303	SH 3	833	E249C24 5	006	024	ZZ	J303	9	915	00008–99999
W123	J401	A	918	T31B24 3BLU	285	024	XF	P171	76	916	00008–99999
W123	J401	B	918	T30B24 3WHT	285	024	XF	P171	77	916	00008–99999
W123	J401	C	918	T79B24 3	006	024	ZZ	J401	SH 3	833	00008–99999
W123	J401	D	918	T25B24 5WHT	305	024	XG	P102	12	916	00008–99999
W123	J401	E	918	T26B24 5BLU	305	024	XG	P102	13	916	00008–99999
W123	J401	F	918	T27B24 5ORN	305	024	XG	P102	14	916	00008–99999
W123	J401	G	918	T77B24 5	006	024	ZZ	J401	SH 4	833	00008–99999
W123	J401	H	918	T28B24 3WHT	303	024	XF	P104	E	918	00008–99999
W123	J401	J	918	T29B24 3BLU	303	024	XF	P104 SP2			00008–99999
W123	J401	K	918	T78B24 3	006	024	ZZ	J401	SH 5	833	00008–99999
W123	J401	L	918	T21B24 5WHT	285	024	XF	P171	70	916	00008–99999
W123	J401	M	918	T22B24 5BLU	285	024	XF	P171	71	916	00008–99999
W123	J401	N	918	T75B24 5	006	024	ZZ	J401	SH 1	833	00008–99999
W123	J401	P	918	T23B24 5WHT	285	024	XF	P171	73	916	00008–99999
W123	J401	R	918	T24B24 5BLU	285	024	XF	P171	74	916	00008–99999

Table 14. W123 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W123	J401	S	918	T76B24 5	006	024	ZZ	J401	SH 2	833	00008–99999
W123	J401	SH 1	833	T75B24 5	006	024	ZZ	J401	N	918	00008–99999
W123	J401	SH 2	833	T76B24 5	006	024	ZZ	J401	S	918	00008–99999
W123	J401	SH 3	833	T79B24 3	006	024	ZZ	J401	C	918	00008–99999
W123	J401	SH 4	833	T77B24 5	006	024	ZZ	J401	G	918	00008–99999
W123	J401	SH 5	833	T78B24 3	006	024	ZZ	J401	K	918	00008–99999
W123	K100	A 2	112	H7B12 3	240	012	SY	P381	C	925	00008–99999
W123	K100	B 2	112	H5B12 3	240	012	SY	P381	A	925	00008–99999
W123	K100	X 1	103	H2H22 3	234	022	SY	P377	16	915	00008–00009
W123	K100	X 1	102	H2H22 3	238	022	SY	P377	S	917	00010–99999
W123	K100	X 2	102	H6F22 3	160	022	SY	P171	10	916	00008–99999
W123	P102	1	916	E187B24 5WHT	274	024	RB	J303	7	915	00052–99999
W123	P102	1	916	E187B24 5WHT	274	024	XF	J303	7	915	00008–00051
W123	P102	2	916	E188B24 5BLU	274	024	RB	J303	8	915	00052–99999
W123	P102	2	916	E188B24 5BLU	274	024	XF	J303	8	915	00008–00051
W123	P102	4	916	T10C24 5WHT	087	024	XF	P171	60	916	00008–99999
W123	P102	5	916	T11C24 5BLU	087	024	XF	P171	61	916	00008–99999
W123	P102	6	916	T12C24 5WHT	087	024	XF	P171	63	916	00008–99999
W123	P102	7	916	T13C24 5BLU	087	024	XF	P171	64	916	00008–99999
W123	P102	12	916	T25B24 5WHT	305	024	XG	J401	D	918	00008–99999
W123	P102	13	916	T26B24 5BLU	305	024	XG	J401	E	918	00008–99999
W123	P102	14	916	T27B24 5ORN	305	024	XG	J401	F	918	00008–99999
W123	P102	15	916	C26B22 5WHT	193	022	SL	J157	29	916	00008–99999
W123	P102	16	916	C27B22 5BLU	193	022	SL	J157	30	916	00008–99999
W123	P102	17	916	C28B22 5ORN	193	022	SL	J157	31	916	00008–99999
W123	P102	18	916	C29B22 5GRN	193	022	SL	J157	32	916	00008–99999
W123	P102	19	916	T32B24 5WHT	193	024	RD	J157	1	916	00008–99999
W123	P102	20	916	T33B24 5BLU	193	024	RD	J157	2	916	00008–99999
W123	P102	21	916	T34B24 5ORN	193	024	RD	J157	3	916	00008–99999
W123	P102	22	916	T35B24 5GRN	193	024	RD	J157	4	916	00008–99999
W123	P102	23	916	Q32A22 5WHT	087	022	SJ	P171	23	916	00008–99999
W123	P102	24	916	Q33A22 5BLU	087	022	SJ	P171	24	916	00008–99999
W123	P102	29	916	T48C24 5ORN	062	024	RC	P111 SP1			00008–99999
W123	P102	30	916	T48B24 5BLU	062	024	RC	P111 SP1			00008–99999
W123	P102	31	916	T47A24 5WHT	062	024	RC	P111	1	765	00008–99999
W123	P102	32	916	P40C24 3BLU	280	024	RB	P377	26	915	00008–00009
W123	P102	32	916	P40C24 5BLU	280	024	RB	P377	ZC	917	00010–99999
W123	P102	33	916	P41C24 3WHT	280	024	RB	P377	25	915	00008–00009
W123	P102	33	916	P41C24 5WHT	280	024	RB	P377	ZB	917	00010–99999
W123	P102	34	916	T119B24 3	087	024	GA	P171	19	916	00008–99999
W123	P102	35	916	NACA5B24 3	210	024	GA	J155	ZF	918	00052–99999

Table 14. W123 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W123	P102	35	916	E280A24 3	087	024	GA	P171	18	916	00012–00051
W123	P102	40	916	T92A22 3	087	022	SY	P171	12	916	00008–99999
W123	P102	41	916	T93A22 3	087	022	SY	P171	13	916	00008–99999
W123	P102	42	916	T94A22 3	087	022	SY	P171	14	916	00008–99999
W123	P102	43	916	T95A22 3	087	022	SY	P171	15	916	00008–99999
W123	P102	44	916	T96A22 3	087	022	SY	P171	16	916	00008–99999
W123	P102	45	916	T97A22 3	087	022	SY	P171	17	916	00008–99999
W123	P102	46	916	T98A22 3	087	022	SY	P171	100	916	00008–99999
W123	P102	47	916	T99A22 3	087	022	SY	P171	92	916	00008–99999
W123	P102	48	916	T100A22 3	087	022	SY	P171	93	916	00008–99999
W123	P102	49	916	T101A22 3	087	022	SY	P171	101	916	00008–99999
W123	P102	50	916	T102A22 3	087	022	SY	P171	102	916	00008–99999
W123	P102	51	916	E229C24 4WHT	274	024	RB	J303	1	915	00052–99999
W123	P102	51	916	E229C24 4WHT	274	024	XF	J303	1	915	00008–00051
W123	P102	52	916	E230C24 4BLU	274	024	RB	J303	2	915	00052–99999
W123	P102	52	916	E230C24 4BLU	274	024	XF	J303	2	915	00008–00051
W123	P102	53	916	E185B24 4WHT	274	024	RB	J303	4	915	00052–99999
W123	P102	53	916	E185B24 4WHT	274	024	XF	J303	4	915	00008–00051
W123	P102	54	916	E186B24 4BLU	274	024	RB	J303	5	915	00052–99999
W123	P102	54	916	E186B24 4BLU	274	024	XF	J303	5	915	00008–00051
W123	P102	55	916	T107D24 3	087	024	GA	P171	96	916	00008–99999
W123	P102	56	916	T111B24 3	087	024	GA	P171	97	916	00008–99999
W123	P102	58	916	W10A24 3WHT	280	024	RC	P377	12	915	00008–00009
W123	P102	58	916	W10A24 3WHT	280	024	RC	P377	M	917	00010–99999
W123	P102	59	916	W11A24 3BLU	280	024	RC	P377	13	915	00008–00009
W123	P102	59	916	W11A24 3BLU	280	024	RC	P377	N	917	00010–99999
W123	P102	60	916	W12A24 3ORN	280	024	RC	P377	14	915	00008–00009
W123	P102	60	916	W12A24 3ORN	280	024	RC	P377	P	917	00010–99999
W123	P102	64	916	W7A24 3WHT	280	024	RC	P377	9	915	00008–00009
W123	P102	64	916	W7A24 3WHT	280	024	RC	P377	J	917	00010–99999
W123	P102	65	916	W8A24 3BLU	280	024	RC	P377	10	915	00008–00009
W123	P102	65	916	W8A24 3BLU	280	024	RC	P377	K	917	00010–99999
W123	P102	66	916	W9A24 3ORN	280	024	RC	P377	11	915	00008–00009
W123	P102	66	916	W9A24 3ORN	280	024	RC	P377	L	917	00010–99999
W123	P102	Case		E266F24 4	000	024	ZZ	P102	SH 1		00008–99999
W123	P102	Case		E248D24 4	000	024	ZZ	P102	SH 2		00008–99999
W123	P102	Case		E249D24 5	000	024	ZZ	P102	SH 3		00008–99999
W123	P102	Case		W28D22 3	000	022	ZZ	P102	SH 4		00008–99999
W123	P102	Case		W30C22 3	000	022	ZZ	P102	SH 5		00008–99999
W123	P102	Case		T80D24 5	000	024	ZZ	P102	SH 6		00008–99999
W123	P102	Case		T83B24 5	000	024	ZZ	P102	SH 7		00008–99999

Table 14. W123 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W123	P102	Case		T70E24 5	000	024	ZZ	P102	SH 8		00008–99999
W123	P102	Case		T71E24 5	000	024	ZZ	P102	SH 9		00008–99999
W123	P102	Case		T77C24 5	000	024	ZZ	P102	SH10		00008–99999
W123	P102	Case		C36D22 5	000	022	ZZ	P102	SH11		00008–99999
W123	P102	Case		P10B24 5	000	024	ZZ	P102	SH12		00008–99999
W123	P102	Case		Q34G22 2	000	022	ZZ	P102	SH13		00008–99999
W123	P102	SH 1		E266F24 4	000	024	ZZ	P102	Case		00008–99999
W123	P102	SH 2		E248D24 4	000	024	ZZ	P102	Case		00008–99999
W123	P102	SH 3		E249D24 5	000	024	ZZ	P102	Case		00008–99999
W123	P102	SH 4		W28D22 3	000	022	ZZ	P102	Case		00008–99999
W123	P102	SH 5		W30C22 3	000	022	ZZ	P102	Case		00008–99999
W123	P102	SH 6		T80D24 5	000	024	ZZ	P102	Case		00008–99999
W123	P102	SH 7		T83B24 5	000	024	ZZ	P102	Case		00008–99999
W123	P102	SH 8		T70E24 5	000	024	ZZ	P102	Case		00008–99999
W123	P102	SH 9		T71E24 5	000	024	ZZ	P102	Case		00008–99999
W123	P102	SH10		T77C24 5	000	024	ZZ	P102	Case		00008–99999
W123	P102	SH11		C36D22 5	000	022	ZZ	P102	Case		00008–99999
W123	P102	SH12		P10B24 5	000	024	ZZ	P102	Case		00008–99999
W123	P102	SH13		Q34G22 2	000	022	ZZ	P102	Case		00008–99999
W123	P104	A	918	M2B22 3	278	022	SY	P377	31	915	00008–00009
W123	P104	A	918	M2B22 3	278	022	SY	P377	ZH	917	00010–99999
W123	P104	B	918	E13A24 5	282	024	GA	P363	ZT	918	00052–99999
W123	P104	B	918	E13A24 5	282	024	RA	P363	ZT	918	00008–00011
W123	P104	B	918	E13A24 5	282	024	XE	P363	ZT	918	00012–00051
W123	P104	C	918	T19C24 3WHT	048	024	XF	P171	67	916	00012–99999
W123	P104	C	918	T19C24 3WHT	085	024	XF	P171	67	916	00008–00011
W123	P104	E	918	T28B24 3WHT	303	024	XF	J401	H	918	00008–99999
W123	P104	F	918	T4B24 3	048	024	GA	P171	105	916	00012–99999
W123	P104	F	918	T4B24 3	085	024	GA	P171	105	916	00008–00011
W123	P104	G	918	NACA9B24 3	210	024	GA	J155	ZK	918	00052–99999
W123	P104	G	918	P27D22 3	048	022	SY	P171	82	916	00012–00051
W123	P104	G	918	P27D22 3	085	022	SY	P171	82	916	00008–00011
W123	P104	H	918	L49A22 3	048	022	SY	P171	69	916	00012–99999
W123	P104	H	918	L49A22 3	085	022	SY	P171	69	916	00008–00011
W123	P104	J	918	L47A22 3	048	022	SY	P171	58	916	00012–00051
W123	P104	J	918	L47A22 3	085	022	SY	P171	58	916	00008–00011
W123	P104	K	918	L46A22 3	048	022	SY	P171	57	916	00012–99999
W123	P104	K	918	L46A22 3	085	022	SY	P171	57	916	00008–00011
W123	P104	L	918	E100B24 3	048	024	GA	P171	46	916	00012–99999
W123	P104	L	918	E100B24 3	085	024	GA	P171	46	916	00008–00011
W123	P104	M	918	T41B22 3	191	022	SY	J157	14	916	00008–99999

Table 14. W123 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W123	P104	N	918	T56B22 3	201	022	SY	J155	G	918	00008–99999
W123	P104	R	918	C25B22 3	191	022	SY	J157	28	916	00008–99999
W123	P104	S	918	P44A24 3	278	024	GA	P377	28	915	00008–00009
W123	P104	S	918	P44A24 3	278	024	GA	P377	ZE	917	00010–99999
W123	P104	T	918	P20C24 3	048	024	GA	P171	80	916	00012–99999
W123	P104	T	918	P20C24 3	085	024	GA	P171	80	916	00008–00011
W123	P104	V	918	Q25A22 3	048	022	SY	P171	3	916	00012–99999
W123	P104	V	918	Q25A22 3	085	022	SY	P171	3	916	00008–00011
W123	P104	W	918	Q26A22 3	048	022	SY	P171	4	916	00012–99999
W123	P104	W	918	Q26A22 3	085	022	SY	P171	4	916	00008–00011
W123	P104	X	918	Q27A22 3	048	022	SY	P171	5	916	00012–99999
W123	P104	X	918	Q27A22 3	085	022	SY	P171	5	916	00008–00011
W123	P104	Y	918	R3A24 3	048	024	GA	A675TB1 –3	T		00012–99999
W123	P104	Y	918	R3A24 3	085	024	GA	P171	6	916	00008–00011
W123	P104	ZA	918	E10A24 5WHT	286	024	RB	P363	ZK	918	00008–00011
W123	P104	ZA	918	E10A24 5WHT	286	024	RB	P363	ZK	918	00052–99999
W123	P104	ZA	918	E10A24 5WHT	286	024	XF	P363	ZK	918	00012–00051
W123	P104	ZB	918	E11A24 5BLU	286	024	RB	P363	ZM	918	00008–00011
W123	P104	ZB	918	E11A24 5BLU	286	024	RB	P363	ZM	918	00052–99999
W123	P104	ZB	918	E11A24 5BLU	286	024	XF	P363	ZM	918	00012–00051
W123	P104	ZD	918	P36D24 3	048	024	GA	P171	81	916	00012–99999
W123	P104	ZD	918	P36D24 3	085	024	GA	P171	81	916	00008–00011
W123	P104	ZF	918	H3B22 3	278	022	SY	P377	19	915	00008–00009
W123	P104	ZF	918	H3B22 3	278	022	SY	P377	V	917	00010–99999
W123	P104	ZJ	918	H21C22 3	048	022	SY	P171	7	916	00012–99999
W123	P104	ZJ	918	H21C22 3	085	022	SY	P171	7	916	00008–00011
W123	P104	ZK	918	M7A22 3	048	022	SY	P171	107	916	00012–99999
W123	P104	ZK	918	M7A22 3	085	022	SY	P171	107	916	00008–00011
W123	P104	ZM	918	P109B24 3	048	024	GA	P171	79	916	00012–99999
W123	P104	ZM	918	P109B24 3	085	024	GA	P171	79	916	00008–00011
W123	P104	ZP	918	L48A22 3	048	022	SY	P171	59	916	00012–00051
W123	P104	ZP	918	L48A22 3	085	022	SY	P171	59	916	00008–00011
W123	P104	ZQ	918	T1C20 3WHT	087	020	SB	P176	A	918	00008–99999
W123	P104	ZR	918	T1F20 3WHT	087	020	SB	P176	B	918	00008–99999
W123	P104	ZS	918	T2A20N 3BLU	072	020	SB	GS101	F		00008–99999
W123	P104	ZT	918	T4A20N 3BLU	072	020	SB	GS103	H		00008–99999
W123	P104 SP1			T20D24N 3	072	024	GA	GS101	E		00008–99999
W123	P104 SP1			T20C24 3BLU	048	024	XF	P171	66	916	00012–99999
W123	P104 SP1			T20C24 3BLU	085	024	XF	P171	66	916	00008–00011
W123	P104 SP2			T29C24N 3	072	024	GA	GS103	G		00008–99999
W123	P104 SP2			T29B24 3BLU	303	024	XF	J401	J	918	00008–99999

Table 14. W123 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W123	P104	Case		E12B24 5	000	024	ZZ	P104	SH 1		00008–00011
W123	P104	Case		E12B24 5	000	024	ZZ	P104	SH 1		00052–99999
W123	P104	Case		E14B24 3	000	024	ZZ	P104	SH 2		00008–00011
W123	P104	Case		T74E24 3	000	024	ZZ	P104	SH 3		00008–99999
W123	P104	Case		T78C24 3	000	024	ZZ	P104	SH 4		00008–99999
W123	P104	SH 1		E12B24 5	000	024	ZZ	P104	Case		00008–00011
W123	P104	SH 1		E12B24 5	000	024	ZZ	P104	Case		00052–99999
W123	P104	SH 2		E14B24 3	000	024	ZZ	P104	Case		00008–00011
W123	P104	SH 3		T74E24 3	000	024	ZZ	P104	Case		00008–99999
W123	P104	SH 4		T78C24 3	000	024	ZZ	P104	Case		00008–99999
W123	P107	1	915	T50C24 4WHT	086	024	RB	P171	30	916	00008–99999
W123	P107	2	915	T51C24 4BLU	086	024	RB	P171	31	916	00008–99999
W123	P107	3	915	T68B24 4WHT	192	024	RB	J157	17	916	00008–99999
W123	P107	4	915	T69B24 4BLU	192	024	RB	J157	18	916	00008–99999
W123	P107	5	915	T112A24 4WHT	086	024	RB	P171	94	916	00008–99999
W123	P107	6	915	T113C24 4BLU	086	024	RB	P171	95	916	00008–99999
W123	P107	10	915	T55C24 5WHT	086	024	RD	P171	35	916	00008–99999
W123	P107	11	915	T54C24 5BLU	086	024	RD	P171	34	916	00008–99999
W123	P107	12	915	T53C24 5ORN	086	024	RD	P171	33	916	00008–99999
W123	P107	13	915	T52C24 5GRN	086	024	RD	P171	32	916	00008–99999
W123	P107	14	915	T67B24 5WHT	192	024	RD	J157	22	916	00008–99999
W123	P107	15	915	T65B24 5BLU	192	024	RD	J157	20	916	00008–99999
W123	P107	16	915	T66B24 5ORN	192	024	RD	J157	21	916	00008–99999
W123	P107	17	915	T64B24 5GRN	192	024	RD	J157	19	916	00008–99999
W123	P107	18	915	T63B24 5WHT	192	024	RD	J157	26	916	00008–99999
W123	P107	19	915	T61B24 5BLU	192	024	RD	J157	24	916	00008–99999
W123	P107	20	915	T62B24 5ORN	192	024	RD	J157	25	916	00008–99999
W123	P107	21	915	T60B24 5GRN	192	024	RD	J157	23	916	00008–99999
W123	P107	Case		T84F24 4	000	024	ZZ	P107	SH 1		00008–99999
W123	P107	Case		T85F24 5	000	024	ZZ	P107	SH 2		00008–99999
W123	P107	Case		T86D24 5	000	024	ZZ	P107	SH 3		00008–99999
W123	P107	Case		T87D24 5	000	024	ZZ	P107	SH 4		00008–99999
W123	P107	Case		T88D24 4	000	024	ZZ	P107	SH 5		00008–99999
W123	P107	Case		T116D24 4	000	024	ZZ	P107	SH 6		00008–99999
W123	P107	SH 1		T84F24 4	000	024	ZZ	P107	Case		00008–99999
W123	P107	SH 2		T85F24 5	000	024	ZZ	P107	Case		00008–99999
W123	P107	SH 3		T86D24 5	000	024	ZZ	P107	Case		00008–99999
W123	P107	SH 4		T87D24 5	000	024	ZZ	P107	Case		00008–99999
W123	P107	SH 5		T88D24 4	000	024	ZZ	P107	Case		00008–99999
W123	P107	SH 6		T116D24 4	000	024	ZZ	P107	Case		00008–99999
W123	P111	1	765	T47A24 5WHT	062	024	RC	P102	31	916	00008–99999

Table 14. W123 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W123	P111	2	765	T48A24 5	010	024	GA	P111 SP1			00008–99999
W123	P111	Case	145	T83A24 5	006	024	ZZ	P111	SH 1	833	00008–99999
W123	P111	SH 1	833	T83A24 5	006	024	ZZ	P111	Case	145	00008–99999
W123	P111 SP1			T48C24 5ORN	062	024	RC	P102	29	916	00008–99999
W123	P111 SP1			T48B24 5BLU	062	024	RC	P102	30	916	00008–99999
W123	P111 SP1			T48A24 5	010	024	GA	P111	2	765	00008–99999
W123	P133	A	918	L143B22 3	087	022	SY	P171	6	916	00052–99999
W123	P133	C	918	L144B22N 3	087	022	SY	GS112	G		00052–99999
W123	P133	R	918	P203B22N 3	087	022	SY	GS114	J		00052–99999
W123	P133	S	918	NACA15B22 3	087	022	SY	P171	119	916	00052–99999
W123	P133	T	918	NACA2B22 3	087	022	SY	P171	117	916	00052–99999
W123	P133	U	918	NACA2E22 3	210	022	SY	J155	ZE	918	00052–99999
W123	P133	V	918	NACA3B22 3	087	022	SY	P171	118	916	00052–99999
W123	P133	X	918	NACA15E22N 3	087	022	SY	GS114	F		00052–99999
W123	P133	Y	918	NACA3E22 3	210	022	SY	J155	ZH	918	00052–99999
W123	P171	1	916	E69B22 3	278	022	SY	P377	8	915	00008–00009
W123	P171	1	916	E69B22 3	278	022	SY	P377	H	917	00010–99999
W123	P171	2	916	E77B22 3	278	022	SY	P377	7	915	00008–00009
W123	P171	2	916	E77B22 3	278	022	SY	P377	G	917	00010–99999
W123	P171	3	916	Q25A22 3	048	022	SY	P104	V	918	00012–99999
W123	P171	3	916	Q25A22 3	085	022	SY	P104	V	918	00008–00011
W123	P171	4	916	Q26A22 3	048	022	SY	P104	W	918	00012–99999
W123	P171	4	916	Q26A22 3	085	022	SY	P104	W	918	00008–00011
W123	P171	5	916	Q27A22 3	048	022	SY	P104	X	918	00012–99999
W123	P171	5	916	Q27A22 3	085	022	SY	P104	X	918	00008–00011
W123	P171	6	916	R3A24 3	085	024	GA	P104	Y	918	00008–00011
W123	P171	6	916	L143B22 3	087	022	SY	P133	A	918	00052–99999
W123	P171	7	916	H21C22 3	048	022	SY	P104	ZJ	918	00012–99999
W123	P171	7	916	H21C22 3	085	022	SY	P104	ZJ	918	00008–00011
W123	P171	8	916	H15C22 3	182	022	SY	J155	A	918	00008–99999
W123	P171	9	916	H15F22 3	182	022	SY	J155	B	918	00008–99999
W123	P171	10	916	H6F22 3	160	022	SY	K100	X 2	102	00008–99999
W123	P171	11	916	T59B22 3	182	022	SY	J155	M	918	00008–99999
W123	P171	12	916	T92A22 3	087	022	SY	P102	40	916	00008–99999
W123	P171	13	916	T93A22 3	087	022	SY	P102	41	916	00008–99999
W123	P171	14	916	T94A22 3	087	022	SY	P102	42	916	00008–99999
W123	P171	15	916	T95A22 3	087	022	SY	P102	43	916	00008–99999
W123	P171	16	916	T96A22 3	087	022	SY	P102	44	916	00008–99999
W123	P171	17	916	T97A22 3	087	022	SY	P102	45	916	00008–99999
W123	P171	18	916	E280A24 3	087	024	GA	P102	35	916	00012–00051
W123	P171	19	916	T119B24 3	087	024	GA	P102	34	916	00008–99999

Table 14. W123 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W123	P171	21	916	T36B24 4WHT	172	024	RB	J157	5	916	00008–99999
W123	P171	22	916	T37B24 4BLU	172	024	RB	J157	6	916	00008–99999
W123	P171	23	916	Q32A22 5WHT	087	022	SJ	P102	23	916	00008–99999
W123	P171	24	916	Q33A22 5BLU	087	022	SJ	P102	24	916	00008–99999
W123	P171	25	916	T38B24 5WHT	172	024	RC	J157	11	916	00008–99999
W123	P171	26	916	T39B24 5BLU	172	024	RC	J157	12	916	00008–99999
W123	P171	27	916	T40B24 5ORN	172	024	RC	J157	13	916	00008–99999
W123	P171	28	916	T44B24 3	172	024	GA	J157	15	916	00008–99999
W123	P171	29	916	T46B22 3	172	022	SY	J157	16	916	00008–99999
W123	P171	30	916	T50C24 4WHT	086	024	RB	P107	1	915	00008–99999
W123	P171	31	916	T51C24 4BLU	086	024	RB	P107	2	915	00008–99999
W123	P171	32	916	T52C24 5GRN	086	024	RD	P107	13	915	00008–99999
W123	P171	33	916	T53C24 5ORN	086	024	RD	P107	12	915	00008–99999
W123	P171	34	916	T54C24 5BLU	086	024	RD	P107	11	915	00008–99999
W123	P171	35	916	T55C24 5WHT	086	024	RD	P107	10	915	00008–99999
W123	P171	36	916	P123B24 3	278	024	GA	P377	27	915	00008–00009
W123	P171	36	916	P123B24 3	278	024	GA	P377	ZD	917	00010–99999
W123	P171	37	916	E1A24 3	264	024	GA	P363	AA	918	00052–99999
W123	P171	37	916	E1A24 3ORN	264	024	XG	P363	AA	918	00012–00051
W123	P171	37	916	E1A24 3WHT	264	024	RC	P363	AA	918	00008–00011
W123	P171	38	916	E2A24 3	264	024	GA	P363	ZA	918	00052–99999
W123	P171	38	916	E2A24 3BLU	264	024	RC	P363	ZA	918	00008–00011
W123	P171	38	916	E2A24 3BLU	264	024	XG	P363	ZA	918	00012–00051
W123	P171	39	916	E3A24 3	264	024	GA	P363	G	918	00052–99999
W123	P171	39	916	E3A24 3ORN	264	024	RC	P363	G	918	00008–00011
W123	P171	39	916	E3A24 3WHT	264	024	XG	P363	G	918	00012–00051
W123	P171	40	916	E4A24 3	264	024	GA	P363	EE	918	00052–99999
W123	P171	40	916	E4A24 3WHT	264	024	RC	P363	EE	918	00008–00011
W123	P171	40	916	E4A24 3WHT	264	024	XG	P363	EE	918	00012–00051
W123	P171	41	916	E5A24 3	264	024	GA	P363	H	918	00052–99999
W123	P171	41	916	E5A24 3BLU	264	024	XG	P363	H	918	00012–00051
W123	P171	42	916	E6A24 3	264	024	GA	P363	ZN	918	00052–99999
W123	P171	42	916	E6A24 3ORN	264	024	RC	P363	ZN	918	00008–00011
W123	P171	42	916	E6A24 3ORN	264	024	XG	P363	ZN	918	00012–00051
W123	P171	43	916	E29A24 3	264	024	GA	P363	T	918	00052–99999
W123	P171	43	916	E29A24 3WHT	264	024	XF	P363	T	918	00012–00051
W123	P171	43	916	E29A24 4WHT	264	024	RB	P363	T	918	00008–00011
W123	P171	44	916	E30A24 3	264	024	GA	P363	ZP	918	00052–99999
W123	P171	44	916	E30A24 3BLU	264	024	XF	P363	ZP	918	00012–00051
W123	P171	44	916	E30A24 4BLU	264	024	RB	P363	ZP	918	00008–00011
W123	P171	45	916	E27A24 3	264	024	GA	P363	ZB	918	00052–99999

Table 14. W123 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W123	P171	45	916	E27A24 3	264	024	RA	P363	ZB	918	00008–00011
W123	P171	45	916	E27A24 3	264	024	XE	P363	ZB	918	00012–00051
W123	P171	46	916	E100B24 3	048	024	GA	P104	L	918	00012–99999
W123	P171	46	916	E100B24 3	085	024	GA	P104	L	918	00008–00011
W123	P171	47	916	E49C24 4	006	024	ZZ	P171	SH 1	833	00012–99999
W123	P171	48	916	E33A24 5WHT	264	024	RC	P363	X	918	00052–99999
W123	P171	48	916	E33A24 5WHT	264	024	XG	P363	X	918	00008–00011
W123	P171	48	916	E33A24 5WHT	264	024	XG	P363	X	918	00012–00051
W123	P171	49	916	E34A24 5BLU	264	024	RC	P363	ZR	918	00052–99999
W123	P171	49	916	E34A24 5BLU	264	024	XG	P363	ZR	918	00008–00011
W123	P171	49	916	E34A24 5BLU	264	024	XG	P363	ZR	918	00012–00051
W123	P171	50	916	E35A24 5ORN	264	024	RC	P363	E	918	00052–99999
W123	P171	50	916	E35A24 5ORN	006	024	XG	P363	E	918	00008–00011
W123	P171	50	916	E35A24 5ORN	264	024	XG	P363	E	918	00012–00051
W123	P171	51	916	E36A24 5	006	024	ZZ	P171	SH 6	833	00008–99999
W123	P171	52	916	E37A24 5WHT	264	024	RB	P363	CC	918	00052–99999
W123	P171	52	916	E37A24 5WHT	264	024	XF	P363	CC	918	00008–00011
W123	P171	52	916	E37A24 5WHT	264	024	XF	P363	CC	918	00012–00051
W123	P171	53	916	E38A24 5BLU	264	024	RB	P363	DD	918	00052–99999
W123	P171	53	916	E38A24 5BLU	264	024	XF	P363	DD	918	00008–00011
W123	P171	53	916	E38A24 5BLU	264	024	XF	P363	DD	918	00012–00051
W123	P171	54	916	E39A24 5	006	024	ZZ	P171	SH 7	833	00008–99999
W123	P171	55	916	E47B24 4WHT	172	024	RB	J157	8	916	00052–99999
W123	P171	55	916	E47B24 4WHT	172	024	XF	J157	8	916	00008–00011
W123	P171	55	916	E47B24 4WHT	172	024	XF	J157	8	916	00012–00051
W123	P171	56	916	E48B24 4BLU	172	024	RB	J157	7	916	00008–00011
W123	P171	56	916	E48B24 4BLU	172	024	RB	J157	7	916	00052–99999
W123	P171	56	916	E48B24 4BLU	172	024	XF	J157	7	916	00012–00051
W123	P171	57	916	L46A22 3	048	022	SY	P104	K	918	00012–99999
W123	P171	57	916	L46A22 3	085	022	SY	P104	K	918	00008–00011
W123	P171	58	916	L47A22 3	048	022	SY	P104	J	918	00012–00051
W123	P171	58	916	L47A22 3	085	022	SY	P104	J	918	00008–00011
W123	P171	59	916	L48A22 3	048	022	SY	P104	ZP	918	00012–00051
W123	P171	59	916	L48A22 3	085	022	SY	P104	ZP	918	00008–00011
W123	P171	60	916	T10C24 5WHT	087	024	XF	P102	4	916	00008–99999
W123	P171	61	916	T11C24 5BLU	087	024	XF	P102	5	916	00008–99999
W123	P171	62	916	T70D24 5	006	024	ZZ	P171	SH12	833	00008–99999
W123	P171	63	916	T12C24 5WHT	087	024	XF	P102	6	916	00008–99999
W123	P171	64	916	T13C24 5BLU	087	024	XF	P102	7	916	00008–99999
W123	P171	65	916	T71D24 5	006	024	ZZ	P171	SH13	833	00008–99999
W123	P171	66	916	T20C24 3BLU	048	024	XF	P104 SP1			00012–99999

Table 14. W123 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W123	P171	66	916	T20C24 3BLU	085	024	XF	P104 SP1			00008–00011
W123	P171	67	916	T19C24 3WHT	048	024	XF	P104	C	918	00012–99999
W123	P171	67	916	T19C24 3WHT	085	024	XF	P104	C	918	00008–00011
W123	P171	68	916	T74D24 3	006	024	ZZ	P171	SH14	833	00008–99999
W123	P171	69	916	L49A22 3	048	022	SY	P104	H	918	00012–99999
W123	P171	69	916	L49A22 3	085	022	SY	P104	H	918	00008–00011
W123	P171	70	916	T21B24 5WHT	285	024	XF	J401	L	918	00008–99999
W123	P171	71	916	T22B24 5BLU	285	024	XF	J401	M	918	00008–99999
W123	P171	72	916	T75C24 5	006	024	ZZ	P171	SH15	833	00008–99999
W123	P171	73	916	T23B24 5WHT	285	024	XF	J401	P	918	00008–99999
W123	P171	74	916	T24B24 5BLU	285	024	XF	J401	R	918	00008–99999
W123	P171	75	916	T76C24 5	006	024	ZZ	P171	SH16	833	00008–99999
W123	P171	76	916	T31B24 3BLU	285	024	XF	J401	A	918	00008–99999
W123	P171	77	916	T30B24 3WHT	285	024	XF	J401	B	918	00008–99999
W123	P171	78	916	T79C24 3	006	024	ZZ	P171	SH17	833	00008–99999
W123	P171	79	916	P109B24 3	048	024	GA	P104	ZM	918	00012–99999
W123	P171	79	916	P109B24 3	085	024	GA	P104	ZM	918	00008–00011
W123	P171	80	916	P20C24 3	048	024	GA	P104	T	918	00012–99999
W123	P171	80	916	P20C24 3	085	024	GA	P104	T	918	00008–00011
W123	P171	81	916	P36D24 3	048	024	GA	P104	ZD	918	00012–99999
W123	P171	81	916	P36D24 3	085	024	GA	P104	ZD	918	00008–00011
W123	P171	82	916	P27D22 3	048	022	SY	P104	G	918	00012–00051
W123	P171	82	916	P27D22 3	085	022	SY	P104	G	918	00008–00011
W123	P171	83	916	C20C22 3	182	022	SY	J155	N	918	00008–99999
W123	P171	83	916	C20C22 3	182	022	SY	J155	N	918	00008–99999
W123	P171	84	916	C31B22 3	182	022	SY	J155	U	918	00008–99999
W123	P171	85	916	C32B22 5WHT	182	022	SL	J155	V	918	00008–99999
W123	P171	86	916	C21C22 3	182	022	SY	J155	R	918	00008–99999
W123	P171	87	916	C33B22 5BLU	182	022	SL	J155	X	918	00008–99999
W123	P171	88	916	C34B22 5ORN	182	022	SL	J155	Y	918	00008–99999
W123	P171	89	916	C35B22 5GRN	182	022	SL	J155	W	918	00008–99999
W123	P171	90	916	E269B24 3WHT	193	024	RB	J139	6	916	00008–00011
W123	P171	90	916	E269C24 5WHT	193	024	RB	J139	6	916	00012–00051
W123	P171	90	916	E269C24 5WHT	193	024	RB	J139	6	916	00052–99999
W123	P171	91	916	E270B24 3BLU	193	024	RB	J139	5	916	00008–00011
W123	P171	91	916	E270C24 5BLU	193	024	RB	J139	5	916	00012–99999
W123	P171	92	916	T99A22 3	087	022	SY	P102	47	916	00008–99999
W123	P171	93	916	T100A22 3	087	022	SY	P102	48	916	00008–99999
W123	P171	94	916	T112A24 4WHT	086	024	RB	P107	5	915	00008–99999
W123	P171	95	916	T113C24 4BLU	086	024	RB	P107	6	915	00008–99999
W123	P171	96	916	T107D24 3	087	024	GA	P102	55	916	00008–99999

Table 14. W123 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W123	P171	97	916	T111B24 3	087	024	GA	P102	56	916	00008–99999
W123	P171	98	916	M3L22 3	182	022	SY	J155	ZB	918	00008–99999
W123	P171	99	916	M3F22 3	182	022	SY	J155	ZC	918	00008–99999
W123	P171	100	916	T98A22 3	087	022	SY	P102	46	916	00008–99999
W123	P171	101	916	T101A22 3	087	022	SY	P102	49	916	00008–99999
W123	P171	102	916	T102A22 3	087	022	SY	P102	50	916	00008–99999
W123	P171	103	916	T90B22 2	278	022	SY	P377	24	915	00008–00009
W123	P171	103	916	T90B22 2	278	022	SY	P377	ZA	917	00010–99999
W123	P171	104	916	T91D22N 2	092	022	SY	GS105	H		00008–99999
W123	P171	105	916	T4B24 3	048	024	GA	P104	F	918	00012–99999
W123	P171	105	916	T4B24 3	085	024	GA	P104	F	918	00008–00011
W123	P171	107	916	M7A22 3	048	022	SY	P104	ZK	918	00012–99999
W123	P171	107	916	M7A22 3	085	022	SY	P104	ZK	918	00008–00011
W123	P171	108	916	NACA7B22 3	182	022	SY	J155	ZG	918	00052–99999
W123	P171	109	916	NACA11B22 3	182	022	SY	J155	ZM	918	00052–99999
W123	P171	110	916	E28B24 3	006	024	ZZ	P171	SH 5	833	00012–00051
W123	P171	111	916	E32B24 3	006	024	ZZ	P171	SH 4	833	00012–00051
W123	P171	112	916	E8B24 3	006	024	ZZ	P171	SH 3	833	00012–00051
W123	P171	113	916	E7B24 3	006	024	ZZ	P171	SH 2	833	00012–00051
W123	P171	114	916	T6B22 3	182	022	SY	J155	J	918	00035–99999
W123	P171	115	916	T6E22 3	182	022	SY	J155	K	918	00035–99999
W123	P171	116	916	NACA1B22 3	278	022	SY	P377	ZK	917	00052–99999
W123	P171	117	916	NACA2B22 3	087	022	SY	P133	T	918	00052–99999
W123	P171	118	916	NACA3B22 3	087	022	SY	P133	V	918	00052–99999
W123	P171	119	916	NACA15B22 3	087	022	SY	P133	S	918	00052–99999
W123	P171	Case		E49C24 4	000	024	ZZ	P171	SH 1		00008–00011
W123	P171	Case		E7B24 3	000	024	ZZ	P171	SH 2		00008–00011
W123	P171	Case		E8B24 3	000	024	ZZ	P171	SH 3		00008–00011
W123	P171	Case		E32B24 4	000	024	ZZ	P171	SH 4		00008–00011
W123	P171	Case		E28B24 3	000	024	ZZ	P171	SH 5		00008–00011
W123	P171	Case		T81D24 5	000	024	ZZ	P171	SH 8		00008–99999
W123	P171	Case		T82D24 5	000	024	ZZ	P171	SH 9		00008–99999
W123	P171	Case		T84E24 5	000	024	ZZ	P171	SH10		00008–99999
W123	P171	Case		T85E24 5	000	024	ZZ	P171	SH11		00008–99999
W123	P171	Case		E273C24 5	000	024	ZZ	P171	SH18		00008–99999
W123	P171	Case		C37D22 5	000	022	ZZ	P171	SH19		00008–99999
W123	P171	Case		T116C24 5	000	024	ZZ	P171	SH20		00008–99999
W123	P171	Case		Q34F22 5	000	022	ZZ	P171	SH21		00008–99999
W123	P171	SH 1		E49C24 4	000	024	ZZ	P171	Case		00008–00011
W123	P171	SH 1	833	E49C24 4	006	024	ZZ	P171	47	916	00012–99999
W123	P171	SH 2		E7B24 3	000	024	ZZ	P171	Case		00008–00011

Table 14. W123 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W123	P171	SH 2	833	E7B24 3	006	024	ZZ	P171	113	916	00012–00051
W123	P171	SH 3		E8B24 3	000	024	ZZ	P171	Case		00008–00011
W123	P171	SH 3	833	E8B24 3	006	024	ZZ	P171	112	916	00012–00051
W123	P171	SH 4	833	E32B24 3	006	024	ZZ	P171	111	916	00012–00051
W123	P171	SH 4		E32B24 4	000	024	ZZ	P171	Case		00008–00011
W123	P171	SH 5		E28B24 3	000	024	ZZ	P171	Case		00008–00011
W123	P171	SH 5	833	E28B24 3	006	024	ZZ	P171	110	916	00012–00051
W123	P171	SH 6	833	E36A24 5	006	024	ZZ	P171	51	916	00008–99999
W123	P171	SH 7	833	E39A24 5	006	024	ZZ	P171	54	916	00008–99999
W123	P171	SH 8		T81D24 5	000	024	ZZ	P171	Case		00008–99999
W123	P171	SH 9		T82D24 5	000	024	ZZ	P171	Case		00008–99999
W123	P171	SH10		T84E24 5	000	024	ZZ	P171	Case		00008–99999
W123	P171	SH11		T85E24 5	000	024	ZZ	P171	Case		00008–99999
W123	P171	SH12	833	T70D24 5	006	024	ZZ	P171	62	916	00008–99999
W123	P171	SH13	833	T71D24 5	006	024	ZZ	P171	65	916	00008–99999
W123	P171	SH14	833	T74D24 3	006	024	ZZ	P171	68	916	00008–99999
W123	P171	SH15	833	T75C24 5	006	024	ZZ	P171	72	916	00008–99999
W123	P171	SH16	833	T76C24 5	006	024	ZZ	P171	75	916	00008–99999
W123	P171	SH17	833	T79C24 3	006	024	ZZ	P171	78	916	00008–99999
W123	P171	SH18		E273C24 5	000	024	ZZ	P171	Case		00008–99999
W123	P171	SH19		C37D22 5	000	022	ZZ	P171	Case		00008–99999
W123	P171	SH20		T116C24 5	000	024	ZZ	P171	Case		00008–99999
W123	P171	SH21		Q34F22 5	000	022	ZZ	P171	Case		00008–99999
W123	P176	A	918	T1C20 3WHT	087	020	SB	P104	ZQ	918	00008–99999
W123	P176	B	918	T1F20 3WHT	087	020	SB	P104	ZR	918	00008–99999
W123	P176	C	918	M6K20 3	182	020	SY	J155	Z	918	00008–99999
W123	P176	D	918	M6E20 3	182	020	SY	J155	ZA	918	00008–99999
W123	P343	A	891	E109E20 3	010	020	SY	P343 SP1			00008–99999
W123	P343	B	891	E111A20N 3	039	020	SY	GS303	D		00008–99999
W123	P343 SP1			E109E20 3	010	020	SY	P343	A	891	00008–99999
W123	P343 SP1			E109D22 3	036	022	SY	P377	5	915	00008–00009
W123	P343 SP1			E109D22 3	036	022	SY	P377	E	917	00010–99999
W123	P363	A	918	E102A20N 3	039	020	SY	GS305	G		00052–99999
W123	P363	A	918	E102A20N 3BLU	039	020	SJ	GS305	G		00012–00051
W123	P363	A	918	E102A22N 3	039	022	SY	GS305	G		00008–00011
W123	P363	D	918	E67B24 3	035	024	GA	P377	3	915	00008–00009
W123	P363	D	918	E67B24 3	035	024	GA	P377	C	917	00010–00011
W123	P363	D	918	E67B24 3	035	024	GA	P377	C	917	00052–99999
W123	P363	D	918	E67B24 3	035	024	XE	P377	C	917	00012–00051
W123	P363	E	918	E35A24 5ORN	264	024	RC	P171	50	916	00052–99999
W123	P363	E	918	E35A24 5ORN	006	024	XG	P171	50	916	00008–00011

Table 14. W123 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W123	P363	E	918	E35A24 5ORN	264	024	XG	P171	50	916	00012–00051
W123	P363	G	918	E3A24 3	264	024	GA	P171	39	916	00052–99999
W123	P363	G	918	E3A24 3ORN	264	024	RC	P171	39	916	00008–00011
W123	P363	G	918	E3A24 3WHT	264	024	XG	P171	39	916	00012–00051
W123	P363	H	918	E5A24 3	264	024	GA	P171	41	916	00052–99999
W123	P363	H	918	E5A24 3BLU	264	024	RC	P171	41	916	00008–00011
W123	P363	H	918	E5A24 3BLU	264	024	XG	P171	41	916	00012–00051
W123	P363	K	918	E43A24 3WHT	123	024	RB	J139	4	916	00008–00011
W123	P363	K	918	E43A24 5WHT	123	024	RB	J139	4	916	00052–99999
W123	P363	K	918	E43A24 5WHT	123	024	XF	J139	4	916	00012–00051
W123	P363	L	918	E44A24 3BLU	123	024	RB	J139	3	916	00008–00011
W123	P363	L	918	E44A24 5BLU	123	024	RB	J139	3	916	00052–99999
W123	P363	L	918	E44A24 5BLU	123	024	XF	J139	3	916	00012–00051
W123	P363	P	918	E71B20 3	035	020	SY	P377	A	917	00010–00011
W123	P363	P	918	E71B20 3	035	020	SY	P377	A	917	00052–99999
W123	P363	P	918	E71B20 3WHT	035	020	SJ	P377	A	917	00012–00051
W123	P363	P	918	E71B20 3	035	020	SY	P383	A	917	00008–00009
W123	P363	R	918	E73B20 3	035	020	SY	P377	B	917	00052–99999
W123	P363	R	918	E73B20 3BLU	035	020	SJ	P377	B	917	00012–00051
W123	P363	R	918	E73B22 3	035	022	SY	P377	B	917	00010–00011
W123	P363	R	918	E73B22 3	035	022	SY	P383	B	917	00008–00009
W123	P363	S	918	E101A20N 3	039	020	SY	GS305	F		00052–99999
W123	P363	S	918	E101A20N 3WHT	039	020	SJ	GS305	F		00012–00051
W123	P363	S	918	E101A22N 3	039	022	SY	GS305	F		00008–00011
W123	P363	T	918	E29A24 3	264	024	GA	P171	43	916	00052–99999
W123	P363	T	918	E29A24 3WHT	264	024	XF	P171	43	916	00012–00051
W123	P363	T	918	E29A24 4WHT	264	024	RB	P171	43	916	00008–00011
W123	P363	V	918	E41A24 4BLU	252	024	RB	J157	9	916	00052–99999
W123	P363	V	918	E41A24 4BLU	252	024	XF	J157	9	916	00012–00051
W123	P363	V	918	E41A24 5BLU	252	024	RB	J157	9	916	00008–00011
W123	P363	W	918	E40A24 4WHT	252	024	RB	J157	10	916	00052–99999
W123	P363	W	918	E40A24 4WHT	252	024	XF	J157	10	916	00012–00051
W123	P363	W	918	E40A24 5WHT	252	024	RB	J157	10	916	00008–00011
W123	P363	X	918	E33A24 5WHT	264	024	RC	P171	48	916	00052–99999
W123	P363	X	918	E33A24 5WHT	264	024	XG	P171	48	916	00008–00011
W123	P363	X	918	E33A24 5WHT	264	024	XG	P171	48	916	00012–00051
W123	P363	ZA	918	E2A24 3	264	024	GA	P171	38	916	00052–99999
W123	P363	ZA	918	E2A24 3BLU	264	024	RC	P171	38	916	00008–00011
W123	P363	ZA	918	E2A24 3BLU	264	024	XG	P171	38	916	00012–00051
W123	P363	ZB	918	E27A24 3	264	024	GA	P171	45	916	00052–99999
W123	P363	ZB	918	E27A24 3	264	024	RA	P171	45	916	00008–00011

Table 14. W123 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W123	P363	ZB	918	E27A24 3	264	024	XE	P171	45	916	00012–00051
W123	P363	ZK	918	E10A24 5WHT	286	024	RB	P104	ZA	918	00008–00011
W123	P363	ZK	918	E10A24 5WHT	286	024	RB	P104	ZA	918	00052–99999
W123	P363	ZK	918	E10A24 5WHT	286	024	XF	P104	ZA	918	00012–00051
W123	P363	ZM	918	E11A24 5BLU	286	024	RB	P104	ZB	918	00008–00011
W123	P363	ZM	918	E11A24 5BLU	286	024	RB	P104	ZB	918	00052–99999
W123	P363	ZM	918	E11A24 5BLU	286	024	XF	P104	ZB	918	00012–00051
W123	P363	ZN	918	E6A24 3	264	024	GA	P171	42	916	00052–99999
W123	P363	ZN	918	E6A24 3ORN	264	024	RC	P171	42	916	00008–00011
W123	P363	ZN	918	E6A24 3ORN	264	024	XG	P171	42	916	00012–00051
W123	P363	ZP	918	E30A24 3	264	024	GA	P171	44	916	00052–99999
W123	P363	ZP	918	E30A24 3BLU	264	024	XF	P171	44	916	00012–00051
W123	P363	ZP	918	E30A24 4BLU	264	024	RB	P171	44	916	00008–00011
W123	P363	ZR	918	E34A24 5BLU	264	024	RC	P171	49	916	00052–99999
W123	P363	ZR	918	E34A24 5BLU	264	024	XG	P171	49	916	00008–00011
W123	P363	ZR	918	E34A24 5BLU	264	024	XG	P171	49	916	00012–00051
W123	P363	ZS	918	E105A24 3	035	024	GA	P377	4	915	00008–00009
W123	P363	ZS	918	E105A24 3	035	024	GA	P377	D	917	00010–00011
W123	P363	ZS	918	E105A24 3	035	024	GA	P377	D	917	00052–99999
W123	P363	ZS	918	E105A24 3	035	024	XE	P377	D	917	00012–00051
W123	P363	ZT	918	E13A24 5	282	024	GA	P104	B	918	00052–99999
W123	P363	ZT	918	E13A24 5	282	024	RA	P104	B	918	00008–00011
W123	P363	ZT	918	E13A24 5	282	024	XE	P104	B	918	00012–00051
W123	P363	ZU	918	E293A24 3	010	024	GA	P363 R1		A11	00052–99999
W123	P363	AA	918	E1A24 3	264	024	GA	P171	37	916	00052–99999
W123	P363	AA	918	E1A24 3ORN	264	024	XG	P171	37	916	00012–00051
W123	P363	AA	918	E1A24 3WHT	264	024	RC	P171	37	916	00008–00011
W123	P363	BB	918	E292A24 3	010	024	GA	P363 SP1			00052–99999
W123	P363	CC	918	E37A24 5WHT	264	024	RB	P171	52	916	00052–99999
W123	P363	CC	918	E37A24 5WHT	264	024	XF	P171	52	916	00008–00011
W123	P363	CC	918	E37A24 5WHT	264	024	XF	P171	52	916	00012–00051
W123	P363	DD	918	E38A24 5BLU	264	024	RB	P171	53	916	00052–99999
W123	P363	DD	918	E38A24 5BLU	264	024	XF	P171	53	916	00008–00011
W123	P363	DD	918	E38A24 5BLU	264	024	XF	P171	53	916	00012–00051
W123	P363	EE	918	E4A24 3	264	024	GA	P171	40	916	00052–99999
W123	P363	EE	918	E4A24 3WHT	264	024	RC	P171	40	916	00008–00011
W123	P363	EE	918	E4A24 3WHT	264	024	XG	P171	40	916	00012–00051
W123	P363	GG	918	E290A24 3WHT	265	024	RB	A652DECKA	1		00052–99999
W123	P363	HH	918	E291A24 3BLU	265	024	RB	A652DECKA	2		00052–99999
W123	P363 R1		A11	E293A24 3	010	024	GA	P363	ZU	918	00052–99999
W123	P363 R1		A11	E293B24 3	010	024	GA	P363 SP1			00052–99999

Table 14. W123 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W123	P363 SP1			E292B24 3	265	024	RA	A652DECKA	3		00052–99999
W123	P363 SP1			E293B24 3	010	024	GA	P363 R1		A11	00052–99999
W123	P363 SP1			E292A24 3	010	024	GA	P363	BB	918	00052–99999
W123	P363 SP1	SH15	894	E301A24 3	006	024	ZZ	P363	Case		00052–99999
W123	P363	Case		E7A24 3	000	024	ZZ	P363	SH 1		00008–00051
W123	P363	Case		E8A24 3	000	024	ZZ	P363	SH 2		00008–00051
W123	P363	Case		E32A24 4	000	024	ZZ	P363	SH 3		00008–00051
W123	P363	Case		E28A24 3	000	024	ZZ	P363	SH 4		00008–00051
W123	P363	Case		E42A24 4	000	024	ZZ	P363	SH 5		00008–99999
W123	P363	Case		E12A24 5	000	024	ZZ	P363	SH 6		00008–99999
W123	P363	Case		E14A24 5	000	024	ZZ	P363	SH 7		00008–00051
W123	P363	Case		E271B24 5	000	024	ZZ	P363	SH 8		00008–99999
W123	P363	Case		E39F24 5	000	024	ZZ	P363	SH 9		00012–99999
W123	P363	Case		E101B20 3	000	020	ZZ	P363	SH10		00012–00051
W123	P363	Case		E67E24 3	000	024	ZZ	P363	SH11		00012–00051
W123	P363	Case		E36F24 5	000	024	ZZ	P363	SH12		00012–99999
W123	P363	Case		E282C20 3	000	020	ZZ	P363	SH13		00012–00051
W123	P363	Case		E300A24 3	000	024	ZZ	P363	SH14		00052–99999
W123	P363	Case		E301A24 3	006	024	ZZ	P363 SP1	SH15	894	00052–99999
W123	P363	SH 1		E7A24 3	000	024	ZZ	P363	Case		00008–00051
W123	P363	SH 2		E8A24 3	000	024	ZZ	P363	Case		00008–00051
W123	P363	SH 3		E32A24 4	000	024	ZZ	P363	Case		00008–00051
W123	P363	SH 4		E28A24 3	000	024	ZZ	P363	Case		00008–00051
W123	P363	SH 5		E42A24 4	000	024	ZZ	P363	Case		00008–99999
W123	P363	SH 6		E12A24 5	000	024	ZZ	P363	Case		00008–99999
W123	P363	SH 7		E14A24 5	000	024	ZZ	P363	Case		00008–00051
W123	P363	SH 8		E271B24 5	000	024	ZZ	P363	Case		00008–99999
W123	P363	SH 9		E39F24 5	000	024	ZZ	P363	Case		00012–99999
W123	P363	SH10		E101B20 3	000	020	ZZ	P363	Case		00012–00051
W123	P363	SH11		E67E24 3	000	024	ZZ	P363	Case		00012–00051
W123	P363	SH12		E36F24 5	000	024	SY	P171	2	916	00008–00009
W123	P363	SH13		E282C20 3	000	020	ZZ	P363	Case		00012–00051
W123	P363	SH14		E300A24 3	000	024	ZZ	P363	Case		00052–99999
W123	P377	3	915	E67B24 3	035	024	GA	P363	D	918	00008–00009
W123	P377	4	915	E105A24 3	035	024	GA	P363	ZS	918	00008–00009
W123	P377	5	915	E109D22 3	036	022	SY	P343 SP1			00008–00009
W123	P377	7	915	E77B22 3	278	022	SY	P171	2	916	00008–00009
W123	P377	8	915	E69B22 3	278	022	SY	P171	1	916	00008–00009
W123	P377	9	915	W7A24 3WHT	280	024	RC	P102	64	916	00008–00009
W123	P377	10	915	W8A24 3BLU	280	024	RC	P102	65	916	00008–00009
W123	P377	11	915	W9A24 3ORN	280	024	RC	P102	66	916	00008–00009

Table 14. W123 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W123	P377	12	915	W10A24 3WHT	280	024	RC	P102	58	916	00008–00009
W123	P377	13	915	W11A24 3BLU	280	024	RC	P102	59	916	00008–00009
W123	P377	14	915	W12A24 3ORN	280	024	RC	P102	60	916	00008–00009
W123	P377	15	915	H12B22 3	258	022	SY	J155	C	918	00008–00009
W123	P377	16	915	H2H22 3	234	022	SY	K100	X 1	103	00008–00009
W123	P377	17	915	H8C22 3	258	022	SY	J155	D	918	00008–00009
W123	P377	18	915	H2E22 3	258	022	SY	J155	E	918	00008–00009
W123	P377	19	915	H3B22 3	278	022	SY	P104	ZF	918	00008–00009
W123	P377	20	915	H18B22 3	258	022	SY	J155	F	918	00008–00009
W123	P377	21	915	T6B22 3	258	022	SY	J155	J	918	00008–00009
W123	P377	22	915	T6E22 3	258	022	SY	J155	K	918	00008–00009
W123	P377	24	915	T90B22 2	278	022	SY	P171	103	916	00008–00009
W123	P377	25	915	P41C24 3WHT	280	024	RB	P102	33	916	00008–00009
W123	P377	26	915	P40C24 3BLU	280	024	RB	P102	32	916	00008–00009
W123	P377	27	915	P123B24 3	278	024	GA	P171	36	916	00008–00009
W123	P377	28	915	P44A24 3	278	024	GA	P104	S	918	00008–00009
W123	P377	29	915	E267A24 3WHT	119	024	RB	J139	2	916	00008–00009
W123	P377	30	915	E268A24 3BLU	119	024	RB	J139	1	916	00008–00011
W123	P377	31	915	M2B22 3	278	022	SY	P104	A	918	00008–00009
W123	P377	32	915	P125B22 3	119	022	SY	J139 SP1			00008–00009
W123	P377	A	917	E71B20 3	035	020	SY	P363	P	918	00010–00011
W123	P377	A	917	E71B20 3	035	020	SY	P363	P	918	00052–99999
W123	P377	A	917	E71B20 3WHT	035	020	SJ	P363	P	918	00012–00051
W123	P377	B	917	E73B20 3	035	020	SY	P363	R	918	00052–99999
W123	P377	B	917	E73B20 3BLU	035	020	SJ	P363	R	918	00012–00051
W123	P377	B	917	E73B22 3	035	022	SY	P363	R	918	00010–00011
W123	P377	C	917	E67B24 3	035	024	GA	P363	D	918	00010–00011
W123	P377	C	917	E67B24 3	035	024	GA	P363	D	918	00052–99999
W123	P377	C	917	E67B24 3	035	024	XE	P363	D	918	00012–00051
W123	P377	D	917	E105A24 3	035	024	GA	P363	ZS	918	00010–00011
W123	P377	D	917	E105A24 3	035	024	GA	P363	ZS	918	00052–99999
W123	P377	D	917	E105A24 3	035	024	XE	P363	ZS	918	00012–00051
W123	P377	E	917	E109D22 3	036	022	SY	P343 SP1			00010–99999
W123	P377	F	917	E267A24 3WHT	119	024	RB	J139	2	916	00010–00011
W123	P377	F	917	E267A24 5WHT	119	024	RB	J139	2	916	00052–99999
W123	P377	F	917	E267A24 5WHT	119	024	XF	J139	2	916	00012–00051
W123	P377	G	917	E77B22 3	278	022	SY	P171	2	916	00010–99999
W123	P377	H	917	E69B22 3	278	022	SY	P171	1	916	00010–99999
W123	P377	J	917	W7A24 3WHT	280	024	RC	P102	64	916	00010–99999
W123	P377	K	917	W8A24 3BLU	280	024	RC	P102	65	916	00010–99999
W123	P377	L	917	W9A24 3ORN	280	024	RC	P102	66	916	00010–99999

Table 14. W123 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W123	P377	M	917	W10A24 3WHT	280	024	RC	P102	58	916	00010–99999
W123	P377	N	917	W11A24 3BLU	280	024	RC	P102	59	916	00010–99999
W123	P377	P	917	W12A24 3ORN	280	024	RC	P102	60	916	00010–99999
W123	P377	R	917	H12B22 3	258	022	SY	J155	C	918	00010–99999
W123	P377	S	917	H2H22 3	238	022	SY	K100	X 1	102	00010–99999
W123	P377	T	917	H8C22 3	258	022	SY	J155	D	918	00010–99999
W123	P377	U	917	H2E22 3	258	022	SY	J155	E	918	00010–99999
W123	P377	V	917	H3B22 3	278	022	SY	P104	ZF	918	00010–99999
W123	P377	W	917	H18B22 3	258	022	SY	J155	F	918	00010–99999
W123	P377	X	917	T6B22 3	258	022	SY	J155	J	918	00010–00034
W123	P377	Y	917	T6E22 3	258	022	SY	J155	K	918	00010–00034
W123	P377	Z	917	E282B20 3	006	020	ZZ	P377	SH 5	827	00012–00051
W123	P377	ZA	917	T90B22 2	278	022	SY	P171	103	916	00010–99999
W123	P377	ZB	917	P41C24 5WHT	280	024	RB	P102	33	916	00010–99999
W123	P377	ZC	917	P40C24 5BLU	280	024	RB	P102	32	916	00010–99999
W123	P377	ZD	917	P123B24 3	278	024	GA	P171	36	916	00010–99999
W123	P377	ZE	917	P44A24 3	278	024	GA	P104	S	918	00010–99999
W123	P377	ZF	917	E272B24 3	006	024	ZZ	P377	SH 4	833	00012–00051
W123	P377	ZG	917	E268A24 3BLU	119	024	RB	J139	1	916	00010–00011
W123	P377	ZG	917	E268A24 5BLU	119	024	RB	J139	1	916	00052–99999
W123	P377	ZG	917	E268A24 5BLU	119	024	XF	J139	1	916	00012–00051
W123	P377	ZH	917	M2B22 3	278	022	SY	P104	A	918	00010–99999
W123	P377	ZI	917	P125B22 3	119	022	SY	J139 SP1			00010–99999
W123	P377	ZJ	917	E67D24 3	006	024	ZZ	P377	SH 6	833	00012–00051
W123	P377	ZK	917	NACA1B22 3	278	022	SY	P171	116	916	00052–99999
W123	P377	Case		W28C22 3	000	022	ZZ	P377	SH 1		00008–99999
W123	P377	Case		W30D22 3	000	022	ZZ	P377	SH 2		00008–99999
W123	P377	Case		P10A24 3	000	024	ZZ	P377	SH 3		00008–99999
W123	P377	Case		E272B24 3	000	024	ZZ	P377	SH 4		00008–00011
W123	P377	Case		E272B24 3	000	024	ZZ	P377	SH 4		00052–99999
W123	P377	SH 1		W28C22 3	000	022	ZZ	P377	Case		00008–99999
W123	P377	SH 2		W30D22 3	000	022	ZZ	P377	Case		00008–99999
W123	P377	SH 3		P10A24 3	000	024	ZZ	P377	Case		00008–99999
W123	P377	SH 4		E272B24 3	000	024	ZZ	P377	Case		00008–00011
W123	P377	SH 4		E272B24 3	000	024	ZZ	P377	Case		00052–99999
W123	P377	SH 4	833	E272B24 3	006	024	ZZ	P377	ZF	917	00012–00051
W123	P377	SH 5	827	E282B20 3	006	020	ZZ	P377	Z	917	00012–00051
W123	P377	SH 6	833	E67D24 3	006	024	ZZ	P377	ZJ	917	00012–00051
W123	P381	A	925	H5B12 3	240	012	SY	K100	B 2	112	00008–99999
W123	P381	C	925	H7B12 3	240	012	SY	K100	A 2	112	00008–99999

Table 14. W123 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W123	P383	A	917	E71B20 3	035	020	SY	P363	P	918	00008–00009
W123	P383	B	917	E73B22 3	035	022	SY	P363	R	918	00008–00009

Table 15. W124 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W124	A408TB1	A	108	P80A16 4	150	016	SH	P340	AA	922	00008–99999
W124	A408TB1	D	103	P79A20 5	150	020	SY	P340	W	918	00008–99999
W124	A408TB1	E	110	P18A16N 4	006	016	SY	A408TB1	SH 2	837	00008–99999
W124	A408TB1	E	110	P81A16 4	150	016	SH	P340	DD	922	00008–99999
W124	A408TB1	E	110	P81B16 5	150	016	SY	P340	FF	922	00008–99999
W124	A408TB1	SH 1	837	P113A16 4	006	016	SY	A408TB1	SH 2		00008–99999
W124	A408TB1	SH 2	837	P18A16N 4	006	016	SY	A408TB1	E	110	00008–99999
W124	A408TB1	SH 2		P113A16 4	006	016	SY	A408TB1	SH 1	837	00008–99999
W124	A601CB1	1		P38A10 3	100	010	SY	A610CB2	1		00072–99999
W124	A601CB1	1	261	P38A10 3	100	010	SY	A610CB2	1	261	00052–00071
W124	A601CR2		119	P114H10 3	320	010	SY	A620CB66	2	261	00052–00071
W124	A601CR2			P114H10 3	340	010	SY	A620CB66	2		00072–99999
W124	A610CB2	1		P38A10 3	100	010	SY	A601CB1	1		00072–99999
W124	A610CB2	1	261	P38A10 3	100	010	SY	A601CB1	1	261	00052–00071
W124	A610CB2	1		P38A12 3	090	012	SY	P128	15	769	00008–00011
W124	A610CB2	1	261	P38A12 3	090	012	SY	P128	15	769	00012–00051
W124	A610K5	A 1	261	L10B12 3	100	012	SY	P128	19	769	00052–99999
W124	A620CB66	2	261	P114H10 3	320	010	SY	A601CR2		119	00052–00071
W124	A620CB66	2		P114H10 3	340	010	SY	A601CR2			00072–99999
W124	A650 SP1		905	H32B20 3	060	020	SY	P117	R	918	00008–00011
W124	A650 SP1		905	H32B20 3	085	020	SY	P117	R	918	00012–00014
W124	A674TB1	A		RVSCS25E22 5ORN	094	022	SK	P156	ZR	918	00012–99999
W124	A674TB1	J		RVSCS25A22 5WHT	094	022	SK	P156	ZQ	918	00012–00014
W124	A674TB1	J		RVSCS25A22 5WHT	094	022	SK	P156	ZQ	918	00015–99999
W124	A674TB1	L		RVSCS25C22 5BLU	094	022	SK	P156	ZP	918	00012–99999
W124	A674TB1	SH 1	818	RVSCS26B22N 5	110	022	SY	GS105	D		00012–99999
W124	A675TB1 –1	T		R31B24 3	118	024	GA	J142	14	916	00012–99999
W124	A675TB1 –2	J		R28B24 3	118	024	GA	J142	13	916	00012–99999
W124	A675TB1 –6	A		R45D22 3	118	022	SY	J120	40	916	00012–99999
W124	A675TB1 –6	E		R37G22 3	118	022	SY	J120	36	916	00012–99999
W124	A675TB1 –6	F		R45A22N 3	028	022	SY	GS106	J		00012–99999
W124	A675TB1 –6	J		R38E22 3	118	022	SY	J120	37	916	00012–99999
W124	A675TB1 –6	N		R43E22 3	118	022	SY	J120	38	916	00012–99999
W124	A675TB1 –6	T		R44E22 3	118	022	SY	J120	39	916	00012–99999
W124	A675TB1 –7	A		R50D22 3	118	022	SY	J120	35	916	00012–99999
W124	A675TB1 –7	E		R46E22 3	118	022	SY	J120	31	916	00012–99999
W124	A675TB1 –7	J		R47D22 3	118	022	SY	J120	32	916	00012–99999
W124	A675TB1 –7	N		R48F22 3	118	022	SY	J120	33	916	00012–99999
W124	A675TB1 –7	T		R49D22 3	118	022	SY	J120	34	916	00012–99999
W124	DS301	NEG	900	L49E22 3	024	022	SY	S301		115	00035–99999
W124	DS301	NEG	900	L49F22 3	010	022	SY	DS301 SP1		904	00025–00034

Table 15. W124 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W124	DS301	POS	900	L38L22 3	125	022	SY	P378	H	917	00025–00071
W124	DS301	POS	900	L38L22 3	137	022	SY	P378	H	917	00072–99999
W124	DS301 SP1		904	L49F22 3	010	022	SY	DS301	NEG	900	00025–00034
W124	DS301 SP1		904	L38L22 3	115	022	SY	P378	H	917	00015–00024
W124	DS301 SP1		904	L49D22 3	012	022	SY	S301		102	00025–00034
W124	DS301 SP1		904	L49E22 3	024	022	SY	W124 CR1	2	A11	00025–00034
W124	DS301 SP2		904	L57A22N 3	100	022	SY	GS306	F		00008–00011
W124	DS301 SP2		904	L57A22N 3	110	022	SY	GS306	F		00012–00014
W124	DS301 SP2		904	L49D22 3	012	022	SY	S301		102	00015–00024
W124	DS301 SP2		904	L49E22 3	006	022	SY	W124 CR1	2	A11	00015–00024
W124	GS100	A		L139D22N 3	075	022	SY	J125	B	918	00015–99999
W124	GS100	F		L59B22N 3	052	022	SY	P116	M	918	00008–99999
W124	GS100	G		L75A22N 3	060	022	SY	P126	C	918	00008–99999
W124	GS100	H		L74A20N 3	060	020	SY	P126	G	918	00008–99999
W124	GS100	K		Q50B22N 3	050	022	SY	P124	Y	918	00008–99999
W124	GS100	L		E15B22N 3	050	022	SY	P124	H	918	00008–99999
W124	GS100	M		P112B22N 3	052	022	SY	P116	J	918	00008–99999
W124	GS102	A		L90B24N 3	025	024	GA	J118	15	916	00008–99999
W124	GS102	B		L92B24N 3	025	024	GA	J118	17	916	00008–99999
W124	GS102	C		LVSCS30F22N 3	066	022	SY	P117	ZB	918	00012–99999
W124	GS102	D		L96B24N 3	025	024	GA	J118	21	916	00008–99999
W124	GS102	E		L98B24N 3	025	024	GA	J118	23	916	00008–99999
W124	GS102	F		RVSCS2A20N 3	056	020	SY	P156	HH	918	00012–99999
W124	GS102	G		L104B24N 3	025	024	GA	J118	29	916	00008–99999
W124	GS102	H		L108B24N 3	025	024	GA	J118	33	916	00008–99999
W124	GS102	J		L56B22N 3	025	022	SY	J118	35	916	00008–99999
W124	GS102	M		H24A22N 3	103	022	SY	P160	A	918	00008–99999
W124	GS103	C		L116B22N 3	065	022	SY	P117	G	918	00008–99999
W124	GS103	D		L112B22N 3	050	022	SY	P124	F	918	00008–99999
W124	GS103	E		L114B22N 3	050	022	SY	P124	D	918	00008–99999
W124	GS104	C		H20B22N 3	065	022	SY	P117	B	918	00008–99999
W124	GS104	D		H19D22N 3	065	022	SY	P117	E	918	00008–99999
W124	GS104	E		E17A22N 3	046	022	SY	S101	1	115	00008–00011
W124	GS104	E		E17A22N 3	046	022	SY	S101	2	115	00012–99999
W124	GS104	F		L124B24N 3	025	024	GA	J118	39	916	00008–00018
W124	GS104	G		L129B24N 3	025	024	GA	J118	43	916	00008–00018
W124	GS104	H		H22A22N 3	103	022	SY	P160	J	918	00008–99999
W124	GS104	K		C15A22N 3	105	022	SY	P146	3	916	00008–99999
W124	GS104	L		P76A22N 3	068	022	SY	P128	10	765	00008–99999
W124	GS104	M		P22A24N 3	097	024	GA	P114	B	593	00008–99999
W124	GS105	D		RVSCS26B22N 5	110	022	SY	A674TB1	SH 1	818	00012–99999

Table 15. W124 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W124	GS105	L		RVSCS30D22N 3	060	022	SY	P133	C	917	00012–99999
W124	GS106	C		T106B22N 3	025	022	SY	J118	24	916	00008–99999
W124	GS106	D		P23A24N 3	097	024	GA	P114	D	593	00008–99999
W124	GS106	E		C14A22N 3	116	022	SY	P144	3	916	00008–99999
W124	GS106	F		R27B24N 3	112	024	GA	J142	1	916	00008–99999
W124	GS106	G		Q8B22N 3	104	022	SY	P122	A 5	955	00008–99999
W124	GS106	H		Q10B22N 3	104	022	SY	P122	A 7	955	00008–99999
W124	GS106	J		R45A22N 3	028	022	SY	A675TB1 –6	F		00012–99999
W124	GS106	J		R45A22N 3	028	022	SY	P172	58	916	00008–00011
W124	GS106	K		H30B22N 3	065	022	SY	P117	H	918	00008–99999
W124	GS106	L		VSCS28C22N 3	030	022	SY	J118	50	916	00012–99999
W124	GS106	M		RVSCS14A22N 3	056	022	SY	P156	ZS	918	00012–99999
W124	GS107	A		RVSCS31B24N 5	045	024	GA	P158	SH 2	818	00012–99999
W124	GS107	G		RVSCS43A22N 3	060	022	SY	P156	M	918	00015–99999
W124	GS107	H	916	C41B22N 3	130	022	SY	J120	41	916	00052–99999
W124	GS107	M		RVSCS23A22N 3	045	022	SH	P158	B	765	00012–00014
W124	GS107	M		RVSCS23A22N 3	045	022	SH	P158	B	765	00015–99999
W124	GS108	A		R32B24N 3	112	024	GA	J142	2	916	00008–99999
W124	GS108	G		RVSCS35B24N 5	055	024	GA	P162	SH 2	818	00012–99999
W124	GS114	K		ATTGYR3B22N 3	025	022	SY	J118	42	916	00072–99999
W124	GS114	L		ATTGYR4B22N 3	025	022	SY	J118	44	916	00072–99999
W124	GS131		103	E139A24N 3	100	024	GA	J120	1	916	00008–00011
W124	GS131		103	E139A24N 3	100	024	GA	J120	42	916	00012–00051
W124	GS131			E140A24N 3	100	024	GA	J120	6	916	00008–00011
W124	GS131		120	E141A24N 3	100	024	GA	J120	4	916	00008–00011
W124	GS131		120	E141A24N 3	100	024	GA	J120	7	916	00012–00051
W124	GS131		103	L26A22N 3	100	022	SY	J120	16	916	00008–00011
W124	GS131		103	E281A22N 3	100	022	SY	J120	18	916	00012–00051
W124	GS131		103	L28A22N 3	100	022	SY	J120	18	916	00008–00011
W124	GS131		103	L26A22N 3	100	022	SY	J120	21	916	00012–00051
W124	GS131	13	915	W9B24 3ORN	029	024	RC	P372	K	918	00008–99999
W124	GS133	A		E141A24N 3	100	024	GA	J120	7	916	00052–99999
W124	GS133	B		E140A24N 3	100	024	GA	J120	8	916	00052–99999
W124	GS133	D		E281A22N 3	100	022	SY	J120	18	916	00052–99999
W124	GS133	E		L26A22N 3	100	022	SY	J120	21	916	00052–99999
W124	GS302	A		P85A20N 3	100	020	SY	P340	ZZ	922	00008–99999
W124	GS302	B		W13A22N 3	106	022	SY	P371	A	918	00008–99999
W124	GS302	C		RVSCS12A20N 3	076	020	SY	J309	ZA	918	00012–99999
W124	GS302	D		W18A22N 3	106	022	SY	P372	A	918	00008–99999
W124	GS302	E		Q45A22N 3	100	022	SY	P352	F	918	00008–99999
W124	GS302	F		Q46A22N 3	100	022	SY	P352	D	918	00008–99999

Table 15. W124 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W124	GS302	G		RVSCS13A20N 3	076	020	SY	J309	ZB	918	00012–99999
W124	GS302	H		T5D24N 3	124	024	GA	S202 SP2			00012–99999
W124	GS304	C		Q47A22N 3	100	022	SY	P352	G	918	00008–99999
W124	GS304	E		W15A22N 3	106	022	SY	P371	J	918	00008–99999
W124	GS304	F		W23A22N 3	106	022	SY	P370	A	918	00008–99999
W124	GS306	A		L7A20N 3	100	020	SY	P358	B	891	00008–99999
W124	GS306	B		L2C20N 3	100	020	SY	J309	T	918	00008–99999
W124	GS306	C		L4C20N 3	100	020	SY	J309	P	918	00008–99999
W124	GS306	F		L57A22N 3	100	022	SY	DS301 SP2		904	00008–00011
W124	GS306	F		L57A22N 3	110	022	SY	DS301 SP2		904	00012–00014
W124	GS306	F		L57A22N 3	110	022	SY	S301		102	00015–00034
W124	GS306	F		L57A22N 3	110	022	SY	S301		102	00028–00034
W124	GS306	F		L57A22N 3	110	022	SY	S301		115	00035–99999
W124	GS306	H		W20A22N 3	106	022	SY	P372	J	918	00008–99999
W124	GS306	J		Q41A22N 3	100	022	SY	P350	B	918	00008–99999
W124	GS306	K		W24A22N 3	106	022	SY	P370	J	918	00008–99999
W124	J118	1	916	T92E22 3	024	022	SY	P172	44	916	00008–99999
W124	J118	2	916	T93E22 3	024	022	SY	P172	45	916	00008–99999
W124	J118	3	916	T94E22 3	024	022	SY	P172	46	916	00008–99999
W124	J118	4	916	T95E22 3	024	022	SY	P172	47	916	00008–99999
W124	J118	5	916	T96E22 3	024	022	SY	P172	48	916	00008–99999
W124	J118	6	916	T97E22 3	024	022	SY	P172	49	916	00008–99999
W124	J118	7	916	T98E22 3	024	022	SY	P172	50	916	00008–99999
W124	J118	8	916	T99E22 3	024	022	SY	P172	51	916	00008–99999
W124	J118	9	916	T100E22 3	024	022	SY	P172	52	916	00008–99999
W124	J118	10	916	T101E22 3	024	022	SY	P172	53	916	00008–99999
W124	J118	11	916	T102E22 2	024	022	SY	P172	54	916	00008–99999
W124	J118	12	916	T90D22 2	024	022	SY	P172	55	916	00008–99999
W124	J118	13	916	T91B22 2	024	022	SY	P172	56	916	00008–99999
W124	J118	14	916	L89B24 3	022	024	GA	P174	B	918	00008–99999
W124	J118	15	916	L90B24N 3	025	024	GA	GS102	A		00008–99999
W124	J118	16	916	L91B24 3	022	024	GA	P174	C	918	00008–99999
W124	J118	17	916	L92B24N 3	025	024	GA	GS102	B		00008–99999
W124	J118	18	916	T107B22 3	024	022	SY	P172	76	916	00008–99999
W124	J118	19	916	T105B22 3	022	022	SY	P174	D	918	00008–99999
W124	J118	20	916	L95B24 3	022	024	GA	P174	E	918	00008–99999
W124	J118	21	916	L96B24N 3	025	024	GA	GS102	D		00008–99999
W124	J118	22	916	L97B24 3	022	024	GA	P174	F	918	00008–99999
W124	J118	23	916	L98B24N 3	025	024	GA	GS102	E		00008–99999
W124	J118	24	916	T106B22N 3	025	022	SY	GS106	C		00008–99999
W124	J118	26	916	L101B24 3	024	024	GA	P172	92	916	00008–00051

Table 15. W124 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W124	J118	27	916	L102B24 3	024	024	GA	P172	93	916	00008–00051
W124	J118	28	916	L103F24 3	024	024	GA	P172	94	916	00008–00051
W124	J118	29	916	L104B24N 3	025	024	GA	GS102	G		00008–99999
W124	J118	30	916	L105B24 3	024	024	GA	P172	66	916	00008–99999
W124	J118	31	916	L106B24 3	024	024	GA	P172	67	916	00008–99999
W124	J118	32	916	L107F24 3	024	024	GA	P172	68	916	00008–99999
W124	J118	33	916	L108B24N 3	025	024	GA	GS102	H		00008–99999
W124	J118	34	916	L55B22 3	022	022	SY	P174	H	918	00008–99999
W124	J118	35	916	L56B22N 3	025	022	SY	GS102	J		00008–99999
W124	J118	36	916	L121B24 3	024	024	GA	P172	69	916	00008–00018
W124	J118	37	916	L122B24 3	024	024	GA	P172	70	916	00008–00018
W124	J118	38	916	L123F24 3	024	024	GA	P172	71	916	00008–00018
W124	J118	39	916	L124B24N 3	025	024	GA	GS104	F		00008–00018
W124	J118	40	916	L126B24 3	024	024	GA	P172	72	916	00008–00018
W124	J118	41	916	L127B24 3	024	024	GA	P172	73	916	00008–00018
W124	J118	42	916	ATTGYR3B22N 3	025	022	SY	GS114	K		00072–99999
W124	J118	42	916	L128F24 3	024	024	GA	P172	74	916	00008–00018
W124	J118	43	916	ATTGYR1C22 3	300	022	SY	P374	4	915	00072–99999
W124	J118	43	916	L129B24N 3	025	024	GA	GS104	G		00008–00018
W124	J118	44	916	ATTGYR4B22N 3	025	022	SY	GS114	L		00072–99999
W124	J118	45	916	ATTGYR2B22 3	022	022	SY	P174	J	918	00072–99999
W124	J118	46	916	RVSCS29A22 3	054	022	SY	P156	CC	918	00012–99999
W124	J118	47	916	LVSCS29C22 3	026	022	SY	P172	106	916	00012–99999
W124	J118	48	916	RVSCS27A22 3	054	022	SY	P156	DD	918	00012–99999
W124	J118	49	916	LVSCS27C22 3	026	022	SY	P172	105	916	00012–99999
W124	J118	50	916	VSCS28C22N 3	030	022	SY	GS106	L		00012–99999
W124	J118	51	916	L140B22 3	026	022	SY	P174	Y	918	00012–99999
W124	J120	1	916	E139A24N 3	100	024	GA	GS131		103	00008–00011
W124	J120	1	916	C3D22 3	118	022	SY	P172	36	916	00012–99999
W124	J120	2	916	C3D22 3	118	022	SY	P172	36	916	00008–00011
W124	J120	2	916	C2D22 3	118	022	SY	P172	37	916	00012–99999
W124	J120	3	916	C2D22 3	118	022	SY	P172	37	916	00008–00011
W124	J120	4	916	E141A24N 3	100	024	GA	GS131		120	00008–00011
W124	J120	5	916	E97G24 3	118	024	GA	P172	10	916	00008–00011
W124	J120	5	916	C40D22 3	130	022	SY	P172	111	916	00012–99999
W124	J120	6	916	E140A24N 3	100	024	GA	GS131			00008–00011
W124	J120	6	916	C41D22 3	130	022	SY	P172	110	916	00012–99999
W124	J120	7	916	E141A24N 3	100	024	GA	GS131		120	00012–00051
W124	J120	7	916	E141A24N 3	100	024	GA	GS133	A		00052–99999
W124	J120	7	916	E94G24 3	118	024	GA	P172	7	916	00008–00011
W124	J120	8	916	E140A24N 3	100	024	GA	GS131			00012–00051

Table 15. W124 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W124	J120	8	916	E140A24N 3	100	024	GA	GS133	B		00052–99999
W124	J120	8	916	R49D22 3	118	022	SY	P172	96	916	00008–00011
W124	J120	9	916	E94F24 3	118	024	GA	P172	7	916	00008–00011
W124	J120	9	916	E94F24 3	118	024	GA	P172	7	916	00012–99999
W124	J120	9	916	R37G22 3	118	022	SY	P172	8	916	00008–00011
W124	J120	10	916	R38E22 3	118	022	SY	P172	11	916	00008–00011
W124	J120	10	916	E279A24 3	118	024	GA	P172	10	916	00012–99999
W124	J120	11	916	E280D22 3	118	022	SY	P172	19	916	00012–99999
W124	J120	11	916	R43E22 3	118	022	SY	P172	21	916	00008–00011
W124	J120	12	916	R44E22 3	118	022	SY	P172	27	916	00008–00011
W124	J120	12	916	E1H24 3ORN	118	024	RC	P172	102	916	00052–99999
W124	J120	12	916	E1H24 3ORN	118	024	XG	P172	102	916	00012–00051
W124	J120	13	916	E277F24 3BLU	118	024	RC	P172	103	916	00052–99999
W124	J120	13	916	E277F24 3BLU	118	024	XG	P172	103	916	00012–00051
W124	J120	14	916	E276F24 3WHT	118	024	RC	P172	101	916	00052–99999
W124	J120	14	916	E276F24 3WHT	118	024	XG	P172	101	916	00012–00051
W124	J120	15	916	L13C22 3	105	022	SY	P115	E	917	00008–00011
W124	J120	15	916	E30H24 3BLU	118	024	RC	P172	89	916	00052–99999
W124	J120	15	916	E30H24 3BLU	118	024	XG	P172	89	916	00012–00051
W124	J120	16	916	L26A22N 3	100	022	SY	GS131		103	00008–00011
W124	J120	16	916	E29H24 3WHT	118	024	RC	P172	88	916	00052–99999
W124	J120	16	916	E29H24 3WHT	118	024	XG	P172	88	916	00012–00051
W124	J120	17	916	L11C22 3	105	022	SY	P115	D	917	00008–00011
W124	J120	18	916	E281A22N 3	100	022	SY	GS131		103	00012–00051
W124	J120	18	916	E281A22N 3	100	022	SY	GS133	D		00052–99999
W124	J120	18	916	L28A22N 3	100	022	SY	GS131		103	00008–00011
W124	J120	19	916	E98F24 3	118	024	GA	P172	12	916	00008–00011
W124	J120	20	916	R46E22 3	118	022	SY	P172	78	916	00008–00011
W124	J120	21	916	L26A22N 3	100	022	SY	GS131		103	00012–00051
W124	J120	21	916	L26A22N 3	100	022	SY	GS133	E		00052–99999
W124	J120	21	916	R50D22 3	118	022	SY	P172	97	916	00008–00011
W124	J120	22	916	L13C22 3	105	022	SY	P115	E	917	00012–99999
W124	J120	22	916	R48F22 3	118	022	SY	P172	95	916	00008–00011
W124	J120	23	916	R45D22 3	118	022	SY	P172	59	916	00008–00011
W124	J120	23	916	L11C22 3	105	022	SY	P115	D	917	00012–99999
W124	J120	28	916	R47D22 3	118	022	SY	P172	79	916	00008–00011
W124	J120	30	916	E29H24 3WHT	118	024	RC	P172	88	916	00008–00011
W124	J120	31	916	R46E22 3	118	022	SY	A675TB1 –7	E		00012–99999
W124	J120	31	916	E18H24 3BLU	118	024	RC	P172	100	916	00008–00011
W124	J120	32	916	R47D22 3	118	022	SY	A675TB1 –7	J		00012–99999
W124	J120	32	916	E30H24 3ORN	118	024	RC	P172	89	916	00008–00011

Table 15. W124 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W124	J120	33	916	R48F22 3	118	022	SY	A675TB1 –7	N		00012–99999
W124	J120	33	916	E276F24 3WHT	118	024	RC	P172	101	916	00008–00011
W124	J120	34	916	R49D22 3	118	022	SY	A675TB1 –7	T		00012–99999
W124	J120	34	916	E1H24 3BLU	118	024	RC	P172	102	916	00008–00011
W124	J120	35	916	R50D22 3	118	022	SY	A675TB1 –7	A		00012–99999
W124	J120	35	916	E277F24 3ORN	118	024	RC	P172	103	916	00008–00011
W124	J120	36	916	R37G22 3	118	022	SY	A675TB1 –6	E		00012–99999
W124	J120	37	916	R38E22 3	118	022	SY	A675TB1 –6	J		00012–99999
W124	J120	38	916	R43E22 3	118	022	SY	A675TB1 –6	N		00012–99999
W124	J120	39	916	R44E22 3	118	022	SY	A675TB1 –6	T		00012–99999
W124	J120	40	916	R45D22 3	118	022	SY	A675TB1 –6	A		00012–99999
W124	J120	41	916	C41B22N 3	130	022	SY	GS107	H	916	00052–99999
W124	J120	41	916	E278A24 3	118	024	GA	P172	12	916	00012–00051
W124	J120	42	916	E139A24N 3	100	024	GA	GS131		103	00012–00051
W124	J120	42	916	C42B22 3	118	022	SY	P172	114	916	00052–99999
W124	J120	48	916	E18H24 3ORN	118	024	RC	P172	100	916	00052–99999
W124	J120	48	916	E18H24 3ORN	118	024	XG	P172	100	916	00012–00051
W124	J120	49	916	E274A24 3	006	024	ZZ	J120	SH 1	833	00012–00051
W124	J120	50	916	E275A24 3	006	024	ZZ	J120	SH 2	833	00012–00051
W124	J120	Case		E274A24 3	000	024	ZZ	J120	SH 1		00008–00011
W124	J120	Case	146	E274A24 3	006	024	ZZ	J120	SH 1	833	00052–99999
W124	J120	Case		E275A24 3	000	024	ZZ	J120	SH 2		00008–00011
W124	J120	Case	146	E275A24 3	006	024	ZZ	J120	SH 2	833	00052–99999
W124	J120	SH 1		E274A24 3	000	024	ZZ	J120	Case		00008–00011
W124	J120	SH 1	833	E274A24 3	006	024	ZZ	J120	49	916	00012–00051
W124	J120	SH 1	833	E274A24 3	006	024	ZZ	J120	Case	146	00052–99999
W124	J120	SH 2		E275A24 3	000	024	ZZ	J120	Case		00008–00011
W124	J120	SH 2	833	E275A24 3	006	024	ZZ	J120	50	916	00012–00051
W124	J120	SH 2	833	E275A24 3	006	024	ZZ	J120	Case	146	00052–99999
W124	J125	A	918	L138C22 3	065	022	SY	P172	104	916	00015–99999
W124	J125	B	918	L139D22N 3	075	022	SY	GS100	A		00015–99999
W124	J142	1	916	R27B24N 3	112	024	GA	GS106	F		00008–99999
W124	J142	2	916	R32B24N 3	112	024	GA	GS108	A		00008–99999
W124	J142	3	916	C1E22 3WHT	112	022	SM	P172	40	916	00008–99999
W124	J142	4	916	C11B22 3BLU	112	022	SM	P172	41	916	00008–99999
W124	J142	5	916	C12B22 3GRN	112	022	SM	P172	42	916	00008–99999
W124	J142	10	916	M20J22 3	112	022	SY	P172	90	916	00008–99999
W124	J142	11	916	M24J22 3	112	022	SY	P172	91	916	00008–99999
W124	J142	12	916	R29B24 3	112	024	GA	P172	18	916	00008–99999
W124	J142	13	916	R28B24 3	118	024	GA	A675TB1 –2	J		00012–99999
W124	J142	13	916	R28B24 3	112	024	GA	P172	17	916	00008–00011

Table 15. W124 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W124	J142	14	916	R31B24 3	118	024	GA	A675TB1 –1	T		00012–99999
W124	J142	14	916	R31B24 3	112	024	GA	P172	20	916	00008–00011
W124	J142	15	916	C9B22 3ORN	112	022	SM	P172	38	916	00008–99999
W124	J142	16	916	C10B22 3RED	112	022	SM	P172	39	916	00008–99999
W124	J142	Case		C13C22 3	000	022	ZZ	J142	SH 1		00008–99999
W124	J142	SH 1		C13C22 3	000	022	ZZ	J142	Case		00008–99999
W124	J309	A	918	L21A20 4WHT	120	020	SK	P357	A	912	00008–99999
W124	J309	B	918	L22A20 4BLU	120	020	SK	P357	B	912	00008–99999
W124	J309	C	918	L23A20 4ORN	120	020	SK	P357	C	912	00008–99999
W124	J309	D	918	RVSCS3A20 3	414	020	SY	P128	20	765	00012–99999
W124	J309	E	918	RVSCS4A20 3	414	020	SY	P128	18	765	00012–99999
W124	J309	F	918	L1F20 3	300	020	SY	P116	ZC	918	00008–00011
W124	J309	F	918	RVSCS5A22 5WHT	266	022	SJ	P156	ZY	918	00012–00014
W124	J309	F	918	RVSCS5A22 5WHT	266	022	SJ	P156	ZY	918	00015–99999
W124	J309	G	918	L3F20 3	300	020	SY	P116	ZA	918	00008–00011
W124	J309	G	918	RVSCS6A22 5BLU	266	022	SJ	P156	ZZ	918	00012–99999
W124	J309	H	918	L1B20 3	300	020	SY	P116	ZD	918	00008–99999
W124	J309	J	918	L18A20 4WHT	120	020	SK	P359	A	912	00008–99999
W124	J309	K	918	L19A20 4BLU	120	020	SK	P359	B	912	00008–99999
W124	J309	L	918	L20A20 4ORN	120	020	SK	P359	C	912	00008–99999
W124	J309	M	918	RVSCS7A22 5WHT	266	022	SJ	P156	ZW	918	00012–00014
W124	J309	M	918	RVSCS7A22 5WHT	266	022	SJ	P156	ZW	918	00015–99999
W124	J309	N	918	RVSCS8A22 5BLU	266	022	SJ	P156	ZX	918	00012–99999
W124	J309	P	918	L4C20N 3	100	020	SY	GS306	C		00008–99999
W124	J309	R	918	L3B20 3	300	020	SY	P116	ZB	918	00008–99999
W124	J309	S	918	RVSCS40D22 5	006	022	ZZ	J309	SH 3	830	00012–99999
W124	J309	T	918	L2C20N 3	100	020	SY	GS306	B		00008–99999
W124	J309	U	918	RVSCS41D22 5	006	022	ZZ	J309	SH 4	830	00012–99999
W124	J309	V	918	RVSCS9A22 5WHT	266	022	SK	P156	ZT	918	00012–00014
W124	J309	V	918	RVSCS9A22 5WHT	266	022	SK	P156	ZT	918	00015–99999
W124	J309	W	918	RVSCS10A22 5BLU	266	022	SK	P156	ZU	918	00012–99999
W124	J309	X	918	RVSCS11A22 5ORN	266	022	SK	P156	ZV	918	00012–99999
W124	J309	Y	918	RVSCS42D22 5	006	022	ZZ	J309	SH 5	830	00015–99999
W124	J309	ZA	918	RVSCS12A20N 3	076	020	SY	GS302	C		00012–99999
W124	J309	ZB	918	RVSCS13A20N 3	076	020	SY	GS302	G		00012–99999
W124	J309	Case		L34B20 4	000	020	ZZ	J309	SH 1		00008–99999
W124	J309	Case		L35B20 4	000	020	ZZ	J309	SH 2		00008–99999
W124	J309	SH 1		L34B20 4	000	020	ZZ	J309	Case		00008–99999
W124	J309	SH 2		L35B20 4	000	020	ZZ	J309	Case		00008–99999
W124	J309	SH 3	830	RVSCS40D22 5	006	022	ZZ	J309	S	918	00012–99999
W124	J309	SH 4	830	RVSCS41D22 5	006	022	ZZ	J309	U	918	00012–99999

Table 15. W124 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W124	J309	SH 5	830	RVSCS42D22 5	006	022	ZZ	J309	Y	918	00015–99999
W124	J474	B		W22A20 5	049	020	SY	P372	H	918	00008–99999
W124	J475	B		W25A20 5	071	020	SY	P370	H	918	00008–99999
W124	J476	A		W21A20 5	051	020	SY	P372	D	918	00008–99999
W124	J477	A		W26A20 5	071	020	SY	P370	D	918	00008–99999
W124	P114	A	593	P21A24 3	078	024	GA	P115	A	917	00008–99999
W124	P114	B	593	P22A24N 3	097	024	GA	GS104	M		00008–99999
W124	P114	C	593	P35E24 3	078	024	GA	P115	H	917	00008–99999
W124	P114	D	593	P23A24N 3	097	024	GA	GS106	D		00008–99999
W124	P115	A	917	P21A24 3	078	024	GA	P114	A	593	00008–99999
W124	P115	B	917	P20A24 3	097	024	GA	P172	60	916	00008–99999
W124	P115	D	917	L11C22 3	105	022	SY	J120	17	916	00008–00011
W124	P115	D	917	L11C22 3	105	022	SY	J120	23	916	00012–99999
W124	P115	E	917	L13C22 3	105	022	SY	J120	15	916	00008–00011
W124	P115	E	917	L13C22 3	105	022	SY	J120	22	916	00012–99999
W124	P115	F	917	L12B20 3	247	020	SY	P378	K	917	00008–99999
W124	P115	G	917	P23B24 3	010	024	GA	W124 SP1			00008–00011
W124	P115	G	917	P24B24 3	050	024	GA	W124 SP1			00012–99999
W124	P115	H	917	P35E24 3	078	024	GA	P114	C	593	00008–99999
W124	P115	J	917	P32B24 3	078	024	GA	P116	U	918	00008–99999
W124	P115	K	917	P11E24 3	243	024	GA	P374	32	915	00008–99999
W124	P115	L	917	P11B24 3	078	024	GA	P116	T	918	00008–99999
W124	P115	N	917	P12B24 3	078	024	GA	P116	S	918	00008–99999
W124	P116	A	918	P2E22 3	290	022	SY	P340	ZS	918	00008–99999
W124	P116	J	918	P112B22N 3	052	022	SY	GS100	M		00008–99999
W124	P116	L	918	L6A20 3	206	020	SY	P358	C	891	00008–00011
W124	P116	M	918	L59B22N 3	052	022	SY	GS100	F		00008–99999
W124	P116	N	918	L58B22 3	052	022	SY	P174	N	918	00008–99999
W124	P116	P	918	P17B24 3	280	024	GA	P374	34	915	00008–99999
W124	P116	S	918	P12B24 3	078	024	GA	P115	N	917	00008–99999
W124	P116	T	918	P11B24 3	078	024	GA	P115	L	917	00008–99999
W124	P116	U	918	P32B24 3	078	024	GA	P115	J	917	00008–99999
W124	P116	V	918	P7A22 3	277	022	SY	P340	ZD	918	00008–99999
W124	P116	W	918	P2B22 3	029	022	SY	P128	3	765	00008–99999
W124	P116	X	918	P10A22 3	277	022	SY	P340	ZV	918	00008–99999
W124	P116	Y	918	P9A22 3	277	022	SY	P340	K	918	00008–99999
W124	P116	Z	918	P8A22 3	277	022	SY	P340	ZC	918	00008–99999
W124	P116	ZA	918	L3F20 3	300	020	SY	J309	G	918	00008–00011
W124	P116	ZB	918	L3B20 3	300	020	SY	J309	R	918	00008–99999
W124	P116	ZC	918	L1F20 3	300	020	SY	J309	F	918	00008–00011
W124	P116	ZD	918	L1B20 3	300	020	SY	J309	H	918	00008–99999

Table 15. W124 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W124	P116	ZE	918	L5B20 3	206	020	SY	P358	A	891	00008–99999
W124	P116	ZF	918	L60B22 3	052	022	SY	P174	R	918	00008–99999
W124	P116	ZG	918	L61B22 3	052	022	SY	P174	S	918	00008–99999
W124	P116	ZH	918	L38B22 3	280	022	SY	P374	39	915	00008–99999
W124	P116	ZI	918	L70B24 3	011	024	GA	P126	R	918	00008–99999
W124	P116	ZJ	918	L69B24 3	011	024	GA	P126	N	918	00008–99999
W124	P116	ZK	918	L68B24 3	011	024	GA	P126	M	918	00008–99999
W124	P116	ZN	918	L73B24 3	011	024	GA	P126	J	918	00008–99999
W124	P116	ZP	918	L72B24 3	011	024	GA	P126	K	918	00008–99999
W124	P116	ZQ	918	L71B24 3	011	024	GA	P126	L	918	00008–99999
W124	P117	A	918	H18A22 3	286	022	SY	P374	22	915	00008–99999
W124	P117	B	918	H20B22N 3	065	022	SY	GS104	C		00008–99999
W124	P117	C	918	H6E22 3	064	022	SY	P172	43	916	00008–99999
W124	P117	D	918	H9E22 3	286	022	SY	P374	21	915	00008–99999
W124	P117	E	918	H19D22N 3	065	022	SY	GS104	D		00008–99999
W124	P117	F	918	L115B22 3	062	022	SY	P174	M	918	00008–99999
W124	P117	G	918	L116B22N 3	065	022	SY	GS103	C		00008–99999
W124	P117	H	918	H30B22N 3	065	022	SY	GS106	K		00008–99999
W124	P117	J	918	H21B22 3	064	022	SY	P172	22	916	00008–99999
W124	P117	K	918	H15G22 3	300	022	SY	TB302 –2	E	905	00008–99999
W124	P117	L	918	C20B22 3	064	022	SY	P172	84	916	00008–99999
W124	P117	M	918	C21B22 3	064	022	SY	P172	85	916	00008–99999
W124	P117	N	918	C19B22 3	064	022	SY	P172	86	916	00008–99999
W124	P117	P	918	H31B20 3	036	020	SY	P128	16	765	00008–99999
W124	P117	R	918	H32B20 3	060	020	SY	A650 SP1		905	00008–00011
W124	P117	R	918	H32B20 3	085	020	SY	A650 SP1		905	00012–00014
W124	P117	S	918	LVSCS32B22 3	066	022	SY	P172	77	916	00012–99999
W124	P117	U	918	M8B22 3	064	022	SY	P172	82	916	00008–99999
W124	P117	V	918	M7C22 3	064	022	SY	P172	83	916	00008–99999
W124	P117	W	918	M9A22 3	272	022	SY	TB302 –1	D	905	00008–00011
W124	P117	W	918	M9A22 3	294	022	SY	TB302 –1	D	905	00012–99999
W124	P117	X	918	M10A22 3	272	022	SY	TB302 –1	A	905	00008–00011
W124	P117	X	918	M10A22 3	294	022	SY	TB302 –1	A	905	00012–99999
W124	P117	ZA	918	LVSCS30C22 3	066	022	SY	P172	75	916	00012–99999
W124	P117	ZB	918	LVSCS30F22N 3	066	022	SY	GS102	C		00012–99999
W124	P122	A 1	955	Q28B22 5WHT	104	022	SJ	P172	25	916	00008–99999
W124	P122	A 2	955	Q29B22 5BLU	104	022	SJ	P172	26	916	00008–99999
W124	P122	A 3	955	Q31B22 3	104	022	SY	P172	28	916	00008–99999
W124	P122	A 4	955	Q6B22 3	138	022	SY	P128	9	765	00008–99999
W124	P122	A 5	955	Q8B22N 3	104	022	SY	GS106	G		00008–99999
W124	P122	A 6	955	Q7B22 3	197	022	SY	P374	6	915	00008–99999

Table 15. W124 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W124	P122	A 7	955	Q10B22N 3	104	022	SY	GS106	H		00008–99999
W124	P122	A 8	955	Q30C22 2	006	022	ZZ	P122	SH 1	830	00008–99999
W124	P122	B 1	957	Q13B16 3	120	016	SY	P124	W	922	00008–99999
W124	P122	SH 1	830	Q30C22 2	006	022	ZZ	P122	A 8	955	00008–99999
W124	P124	D	918	L114B22N 3	050	022	SY	GS103	E		00008–99999
W124	P124	E	918	L113B22 3	065	022	SY	P174	X	918	00008–99999
W124	P124	F	918	L112B22N 3	050	022	SY	GS103	D		00008–99999
W124	P124	G	918	L111B22 3	048	022	SY	P174	K	918	00008–99999
W124	P124	H	918	E15B22N 3	050	022	SY	GS100	L		00008–99999
W124	P124	J	918	E18B24 3	050	024	GA	P172	1	916	00052–99999
W124	P124	J	918	E18B24 3ORN	050	024	XG	P172	1	916	00012–00051
W124	P124	J	918	E18B24 3WHT	050	024	RC	P172	1	916	00008–00011
W124	P124	K	918	E19B24 3	050	024	GA	P172	2	916	00052–99999
W124	P124	K	918	E19B24 3BLU	050	024	RC	P172	2	916	00008–00011
W124	P124	K	918	E19B24 3BLU	050	024	XG	P172	2	916	00012–00051
W124	P124	L	918	E20B24 3	050	024	GA	P172	3	916	00052–99999
W124	P124	L	918	E20B24 3ORN	050	024	RC	P172	3	916	00008–00011
W124	P124	L	918	E20B24 3WHT	050	024	XG	P172	3	916	00012–00051
W124	P124	M	918	E21B24 3	050	024	GA	P172	4	916	00052–99999
W124	P124	M	918	E21B24 3WHT	050	024	RC	P172	4	916	00008–00011
W124	P124	M	918	E21B24 3WHT	050	024	XG	P172	4	916	00012–00051
W124	P124	N	918	E22B24 3	050	024	GA	P172	5	916	00052–99999
W124	P124	N	918	E22B24 3BLU	050	024	RC	P172	5	916	00008–00011
W124	P124	N	918	E22B24 3BLU	050	024	XG	P172	5	916	00012–00051
W124	P124	P	918	E23B24 3	050	024	GA	P172	6	916	00052–99999
W124	P124	P	918	E23B24 3ORN	050	024	RC	P172	6	916	00008–00011
W124	P124	P	918	E23B24 3ORN	050	024	XG	P172	6	916	00012–00051
W124	P124	R	918	E26B24 3	273	024	GA	P374	1	915	00008–99999
W124	P124	S	918	E66B24 3	050	024	GA	P172	30	916	00008–99999
W124	P124	T	918	E16D22 3	054	022	SY	S101	C	115	00008–99999
W124	P124	U	918	Q18B22 3	275	022	SY	P352	A	918	00008–99999
W124	P124	V	918	Q19B22 3	275	022	SY	P352	H	918	00008–99999
W124	P124	W	922	Q13B16 3	120	016	SY	P122	B 1	957	00008–99999
W124	P124	X	918	Q5B22 3	036	022	SY	P128	5	765	00008–99999
W124	P124	Y	918	Q50B22N 3	050	022	SY	GS100	K		00008–99999
W124	P124	Z	922	Q2B16 3	276	016	SY	P378	C	924	00008–99999
W124	P124	Case		E25D24 3	000	024	ZZ	P124	SH 1		00008–00011
W124	P124	Case		E24D24 3	000	024	ZZ	P124	SH 2		00008–00011
W124	P124	SH 1		E25D24 3	000	024	ZZ	P124	Case		00008–00011
W124	P124	SH 2		E24D24 3	000	024	ZZ	P124	Case		00008–00011
W124	P126	A	918	L40B22 3	036	022	SY	P128	24	765	00052–99999

Table 15. W124 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W124	P126	A	918	L40B22 3	278	022	SY	P374	38	915	00008–00051
W124	P126	B	918	L86A20 3	060	020	SY	P174	A	918	00008–99999
W124	P126	C	918	L75A22N 3	060	022	SY	GS100	G		00008–99999
W124	P126	E	918	L39B22 3	278	022	SY	P374	41	915	00008–99999
W124	P126	F	918	L84A20 3	060	020	SY	P174	T	918	00008–99999
W124	P126	G	918	L74A20N 3	060	020	SY	GS100	H		00008–99999
W124	P126	J	918	L73B24 3	011	024	GA	P116	ZN	918	00008–99999
W124	P126	K	918	L72B24 3	011	024	GA	P116	ZP	918	00008–99999
W124	P126	L	918	L71B24 3	011	024	GA	P116	ZQ	918	00008–99999
W124	P126	M	918	L68B24 3	011	024	GA	P116	ZK	918	00008–99999
W124	P126	N	918	L69B24 3	011	024	GA	P116	ZJ	918	00008–99999
W124	P126	R	918	L70B24 3	011	024	GA	P116	ZI	918	00008–99999
W124	P128	1	765	W2B22 3	292	022	SY	P372	G	918	00008–99999
W124	P128	2	765	W3B22 3	293	022	SY	P370	G	918	00008–99999
W124	P128	3	765	P2B22 3	029	022	SY	P116	W	918	00008–99999
W124	P128	4	765	C1B22 3	068	022	SY	P172	35	916	00008–99999
W124	P128	5	765	Q5B22 3	036	022	SY	P124	X	918	00008–99999
W124	P128	6	765	L119B22 3	065	022	SY	P174	J	918	00008–00018
W124	P128	7	765	T1B20 3	065	020	SY	P174	G	918	00008–99999
W124	P128	8	765	T1E20 3	065	020	SY	P174	L	918	00008–99999
W124	P128	9	765	Q6B22 3	138	022	SY	P122	A 4	955	00008–99999
W124	P128	10	765	P76A22N 3	068	022	SY	GS104	L		00008–99999
W124	P128	11	765	E138B22 3	290	022	SY	P374	2	915	00008–99999
W124	P128	12	765	T103B24 3	068	024	GA	P172	62	916	00008–99999
W124	P128	13	765	H15B22 3	300	022	SY	TB302 –2	B	905	00008–99999
W124	P128	14	765	H22B22 3	136	022	SY	P160	G	918	00008–99999
W124	P128	15	769	P38A12 3	090	012	SY	A610CB2	1		00008–00011
W124	P128	15	769	P38A12 3	090	012	SY	A610CB2	1	261	00012–00051
W124	P128	16	765	H31B20 3	036	020	SY	P117	P	918	00008–99999
W124	P128	17	765	RVSCS1B20 3	090	020	SY	P156	GG	918	00012–99999
W124	P128	18	765	RVSCS4A20 3	414	020	SY	J309	E	918	00012–99999
W124	P128	19	769	L10B12 3	100	012	SY	A610K5	A 1	261	00052–99999
W124	P128	20	765	RVSCS3A20 3	414	020	SY	J309	D	918	00012–99999
W124	P128	24	765	L40B22 3	036	022	SY	P126	A	918	00052–99999
W124	P128	26	765	C2N22 3	068	022	SY	P172	98	916	00052–99999
W124	P128	27	769	KX1652B12 3	010	012	SY	P128 SP1			00008–00009
W124	P128	28	765	C2B22 3	068	022	SY	P172	29	916	00052–99999
W124	P128 SP1			KX1652B12 3	010	012	SY	P128	27	769	00008–00009
W124	P128 SP1			KX1652C16 3	065	016	SY	P174	W	922	00008–00009
W124	P133	A	917	RVSCS30A22 3	086	022	SY	P156	FF	918	00012–99999
W124	P133	B	917	RVSCS32B22 3	086	022	SY	P156	ZA	918	00012–99999

Table 15. W124 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W124	P133	C	917	RVSCS30D22N 3	060	022	SY	GS105	L		00012–99999
W124	P144	1	916	C11H22 3BLU	116	022	SJ	P172	32	916	00008–99999
W124	P144	2	916	C9H22 3WHT	116	022	SJ	P172	31	916	00008–99999
W124	P144	3	916	C14A22N 3	116	022	SY	GS106	E		00008–99999
W124	P144	Case		C16A22 3	000	022	ZZ	P144	SH 1		00008–99999
W124	P144	SH 1		C16A22 3	000	022	ZZ	P144	Case		00008–99999
W124	P146	1	916	C10H22 3BLU	105	022	SJ	P172	33	916	00008–99999
W124	P146	2	916	C12H22 3WHT	105	022	SJ	P172	34	916	00008–99999
W124	P146	3	916	C15A22N 3	105	022	SY	GS104	K		00008–99999
W124	P146	Case		C17A22 3	000	022	ZZ	P146	SH 1		00008–99999
W124	P146	SH 1		C17A22 3	000	022	ZZ	P146	Case		00008–99999
W124	P156			RVSCS33A22 3	058	022	SH	P172	109	916	00015–00051
W124	P156	M	918	RVSCS43A22N 3	060	022	SY	GS107	G		00015–99999
W124	P156	N	918	RVSCS33A22 3	058	022	SH	P172	109	916	00012–00014
W124	P156	ZA	918	RVSCS32B22 3	086	022	SY	P133	B	917	00012–99999
W124	P156	ZB	918	RVSCS45A22 3	058	022	SY	P172	112	916	00052–99999
W124	P156	ZC	918	RVSCS21C24 5	010	024	GA	P156 SP1			00012–99999
W124	P156	ZD	918	RVSCS22A24 5BLU	026	024	XF	P158	F	765	00012–00014
W124	P156	ZD	918	RVSCS22A24 5BLU	042	024	XF	P158	F	765	00015–99999
W124	P156	ZE	918	RVSCS24A24 5WHT	026	024	XF	P158	E	765	00012–00014
W124	P156	ZE	918	RVSCS24A24 5WHT	042	024	XF	P158	E	765	00015–99999
W124	P156	ZF	918	RVSCS20A24 5WHT	026	024	XF	P158	D	765	00012–00014
W124	P156	ZF	918	RVSCS20A24 5WHT	042	024	XF	P158	D	765	00015–99999
W124	P156	ZG	918	RVSCS21B24 5	010	024	GA	P156 SP1			00012–99999
W124	P156	ZH	918	RVSCS15A24 5WHT	040	024	XF	P162	G	765	00012–00014
W124	P156	ZH	918	RVSCS15A24 5WHT	052	024	XF	P162	G	765	00015–99999
W124	P156	ZK	918	RVSCS16A24 5BLU	040	024	XF	P162 SP1			00012–00014
W124	P156	ZK	918	RVSCS16A24 5BLU	052	024	XF	P162 SP1			00015–99999
W124	P156	ZM	918	RVSCS17A24 5WHT	040	024	XF	P162	A	765	00012–00014
W124	P156	ZM	918	RVSCS17A24 5WHT	052	024	XF	P162	A	765	00015–99999
W124	P156	ZN	918	RVSCS18A24 5BLU	040	024	XF	P162	E	765	00012–00014
W124	P156	ZN	918	RVSCS18A24 5BLU	052	024	XF	P162	E	765	00015–99999
W124	P156	ZP	918	RVSCS25C22 5BLU	094	022	SK	A674TB1	L		00012–99999
W124	P156	ZQ	918	RVSCS25A22 5WHT	094	022	SK	A674TB1	J		00012–00014
W124	P156	ZQ	918	RVSCS25A22 5WHT	094	022	SK	A674TB1	J		00015–99999
W124	P156	ZR	918	RVSCS25E22 5ORN	094	022	SK	A674TB1	A		00012–99999
W124	P156	ZS	918	RVSCS14A22N 3	056	022	SY	GS106	M		00012–99999
W124	P156	ZT	918	RVSCS9A22 5WHT	266	022	SK	J309	V	918	00012–00014
W124	P156	ZT	918	RVSCS9A22 5WHT	266	022	SK	J309	V	918	00015–99999
W124	P156	ZU	918	RVSCS10A22 5BLU	266	022	SK	J309	W	918	00012–99999
W124	P156	ZV	918	RVSCS11A22 5ORN	266	022	SK	J309	X	918	00012–99999

Table 15. W124 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W124	P156	ZW	918	RVSCS7A22 5WHT	266	022	SJ	J309	M	918	00012–00014
W124	P156	ZW	918	RVSCS7A22 5WHT	266	022	SJ	J309	M	918	00015–99999
W124	P156	ZX	918	RVSCS8A22 5BLU	266	022	SJ	J309	N	918	00012–99999
W124	P156	ZY	918	RVSCS5A22 5WHT	266	022	SJ	J309	F	918	00012–00014
W124	P156	ZY	918	RVSCS5A22 5WHT	266	022	SJ	J309	F	918	00015–99999
W124	P156	ZZ	918	RVSCS6A22 5BLU	266	022	SJ	J309	G	918	00012–99999
W124	P156	CC	918	RVSCS29A22 3	054	022	SY	J118	46	916	00012–99999
W124	P156	DD	918	RVSCS27A22 3	054	022	SY	J118	48	916	00012–99999
W124	P156	EE	918	T124A24 3	058	024	GA	P172	107	916	00012–99999
W124	P156	FF	918	RVSCS30A22 3	086	022	SY	P133	A	917	00012–99999
W124	P156	GG	918	RVSCS1B20 3	090	020	SY	P128	17	765	00012–99999
W124	P156	HH	918	RVSCS2A20N 3	056	020	SY	GS102	F		00012–99999
W124	P156 SP1			RVSCS21A24 5BLU	026	024	XF	P158	C	765	00012–00014
W124	P156 SP1			RVSCS21A24 5BLU	042	024	XF	P158	C	765	00015–99999
W124	P156 SP1			RVSCS21B24 5	010	024	GA	P156	ZG	918	00012–99999
W124	P156 SP1			RVSCS21C24 5	010	024	GA	P156	ZC	918	00012–99999
W124	P156	Case		RVSCS40E22 5	000	022	ZZ	P156	SH 1		00012–00014
W124	P156	Case		RVSCS40E22 5	006	022	ZZ	P156	SH 1	894	00015–99999
W124	P156	Case		RVSCS41E22 5	000	022	ZZ	P156	SH 2		00012–00014
W124	P156	Case		RVSCS42E22 5	000	022	ZZ	P156	SH 3		00012–00014
W124	P156	Case		RVSCS26A22 5	000	022	ZZ	P156	SH 4		00012–00014
W124	P156	Case		RVSCS43A24 3	000	024	ZZ	P156	SH 5		00012–00014
W124	P156	SH 1	894	RVSCS40E22 5	006	022	ZZ	P156	Case		00015–99999
W124	P156	SH 1		RVSCS40E22 5	000	022	ZZ	P156	Case		00012–00014
W124	P156	SH 1		RVSCS41E22 5	006	022	ZZ	P156	SH 2	830	00015–99999
W124	P156	SH 2		RVSCS41E22 5	000	022	ZZ	P156	Case		00012–00014
W124	P156	SH 2	830	RVSCS41E22 5	006	022	ZZ	P156	SH 1		00015–99999
W124	P156	SH 2		RVSCS42E22 5	006	022	ZZ	P156	SH 3	830	00015–99999
W124	P156	SH 3		RVSCS42E22 5	000	022	ZZ	P156	Case		00012–00014
W124	P156	SH 3	830	RVSCS42E22 5	006	022	ZZ	P156	SH 2		00015–99999
W124	P156	SH 3		RVSCS26A22 5	006	022	ZZ	P156	SH 4	830	00015–99999
W124	P156	SH 4		RVSCS26A22 5	000	022	ZZ	P156	Case		00012–00014
W124	P156	SH 4	830	RVSCS26A22 5	006	022	ZZ	P156	SH 3		00015–99999
W124	P156	SH 4		RVSCS44A24 3	006	024	ZZ	P156	SH 5	830	00015–00051
W124	P156	SH 5		RVSCS43A24 3	000	024	ZZ	P156	Case		00012–00014
W124	P156	SH 5	830	RVSCS44A24 3	006	024	ZZ	P156	SH 4		00015–00051
W124	P158	B	765	RVSCS23A22N 3	045	022	SH	GS107	M		00012–00014
W124	P158	B	765	RVSCS23A22N 3	045	022	SH	GS107	M		00015–99999
W124	P158	C	765	RVSCS21A24 5BLU	026	024	XF	P156 SP1			00012–00014
W124	P158	C	765	RVSCS21A24 5BLU	042	024	XF	P156 SP1			00015–99999
W124	P158	D	765	RVSCS20A24 5WHT	026	024	XF	P156	ZF	918	00012–00014

Table 15. W124 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W124	P158	D	765	RVSCS20A24 5WHT	042	024	XF	P156	ZF	918	00015–99999
W124	P158	E	765	RVSCS24A24 5WHT	026	024	XF	P156	ZE	918	00012–00014
W124	P158	E	765	RVSCS24A24 5WHT	042	024	XF	P156	ZE	918	00015–99999
W124	P158	F	765	RVSCS22A24 5BLU	026	024	XF	P156	ZD	918	00012–00014
W124	P158	F	765	RVSCS22A24 5BLU	042	024	XF	P156	ZD	918	00015–99999
W124	P158	Case	145	RVSCS23B24 3	006	024	ZZ	P158	SH 3	833	00012–00014
W124	P158	Case		RVSCS23B24 3	006	024	ZZ	P158	SH 3	893	00015–99999
W124	P158	SH 1	833	RVSCS31A24 5	006	024	ZZ	P158	SH 2		00012–99999
W124	P158	SH 2	818	RVSCS31B24N 5	045	024	GA	GS107	A		00012–99999
W124	P158	SH 2		RVSCS31A24 5	006	024	ZZ	P158	SH 1	833	00012–99999
W124	P158	SH 3	833	RVSCS23B24 3	006	024	ZZ	P158	Case	145	00012–00014
W124	P158	SH 3	893	RVSCS23B24 3	006	024	ZZ	P158	Case		00015–99999
W124	P160	A	918	H24A22N 3	103	022	SY	GS102	M		00008–99999
W124	P160	B	918	H28A22 3	010	022	SY	P160	E	918	00008–00011
W124	P160	B	918	H28A22 3	010	022	SY	W124 R1	A11		00012–99999
W124	P160	C	918	H26A22 3	103	022	SY	P172	64	916	00008–99999
W124	P160	E	918	H28A22 3	010	022	SY	P160	B	918	00008–00011
W124	P160	E	918	H28B22 3	010	022	SY	W124 R1	A11		00012–99999
W124	P160	F	918	H25A22 3	103	022	SY	P172	65	916	00008–99999
W124	P160	G	918	H22B22 3	136	022	SY	P128	14	765	00008–99999
W124	P160	J	918	H22A22N 3	103	022	SY	GS104	H		00008–99999
W124	P160	K	918	H27B22 3	103	022	SY	P172	63	916	00008–99999
W124	P162	A	765	RVSCS17A24 5WHT	040	024	XF	P156	ZM	918	00012–00014
W124	P162	A	765	RVSCS17A24 5WHT	052	024	XF	P156	ZM	918	00015–99999
W124	P162	C	765	RVSCS16B24 5	010	024	GA	P162 SP1			00012–99999
W124	P162	E	765	RVSCS18A24 5BLU	040	024	XF	P156	ZN	918	00012–00014
W124	P162	E	765	RVSCS18A24 5BLU	052	024	XF	P156	ZN	918	00015–99999
W124	P162	G	765	RVSCS15A24 5WHT	040	024	XF	P156	ZH	918	00012–00014
W124	P162	G	765	RVSCS15A24 5WHT	052	024	XF	P156	ZH	918	00015–99999
W124	P162	J	765	RVSCS16C24 5	010	024	GA	P162 SP1			00012–99999
W124	P162 SP1			RVSCS16A24 5BLU	040	024	XF	P156	ZK	918	00012–00014
W124	P162 SP1			RVSCS16A24 5BLU	052	024	XF	P156	ZK	918	00015–99999
W124	P162 SP1			RVSCS16B24 5	010	024	GA	P162	C	765	00012–99999
W124	P162 SP1			RVSCS16C24 5	010	024	GA	P162	J	765	00012–99999
W124	P162	SH 1	833	RVSCS35A24 5	006	024	ZZ	P162	SH 2		00012–99999
W124	P162	SH 2	818	RVSCS35B24N 5	055	024	GA	GS108	G		00012–99999
W124	P162	SH 2		RVSCS35A24 5	006	024	ZZ	P162	SH 1	833	00012–99999
W124	P172	1	916	E18B24 3	050	024	GA	P124	J	918	00052–99999
W124	P172	1	916	E18B24 3ORN	050	024	XG	P124	J	918	00012–00051
W124	P172	1	916	E18B24 3WHT	050	024	RC	P124	J	918	00008–00011
W124	P172	2	916	E19B24 3	050	024	GA	P124	K	918	00052–99999

Table 15. W124 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W124	P172	2	916	E19B24 3BLU	050	024	RC	P124	K	918	00008–00011
W124	P172	2	916	E19B24 3BLU	050	024	XG	P124	K	918	00012–00051
W124	P172	3	916	E20B24 3	050	024	GA	P124	L	918	00052–99999
W124	P172	3	916	E20B24 3ORN	050	024	RC	P124	L	918	00008–00011
W124	P172	3	916	E20B24 3WHT	050	024	XG	P124	L	918	00012–00051
W124	P172	4	916	E21B24 3	050	024	GA	P124	M	918	00052–99999
W124	P172	4	916	E21B24 3WHT	050	024	RC	P124	M	918	00008–00011
W124	P172	4	916	E21B24 3WHT	050	024	XG	P124	M	918	00012–00051
W124	P172	5	916	E22B24 3	050	024	GA	P124	N	918	00052–99999
W124	P172	5	916	E22B24 3BLU	050	024	RC	P124	N	918	00008–00011
W124	P172	5	916	E22B24 3BLU	050	024	XG	P124	N	918	00012–00051
W124	P172	6	916	E23B24 3	050	024	GA	P124	P	918	00052–99999
W124	P172	6	916	E23B24 3ORN	050	024	RC	P124	P	918	00008–00011
W124	P172	6	916	E23B24 3ORN	050	024	XG	P124	P	918	00012–00051
W124	P172	7	916	E94F24 3	118	024	GA	J120	9	916	00008–00011
W124	P172	7	916	E94F24 3	118	024	GA	J120	9	916	00012–99999
W124	P172	7	916	E94G24 3	118	024	GA	J120	7	916	00008–00011
W124	P172	8	916	R37G22 3	118	022	SY	J120	9	916	00008–00011
W124	P172	9	916	ATTGYR1B22 3	258	022	SY	P374	3	915	00008–00009
W124	P172	9	916	ATTGYR1B22 3	258	022	SY	P374	3	915	00008–00009
W124	P172	9	916	E25C24 3	006	024	ZZ	P172	SH 1	833	00012–00051
W124	P172	10	916	E279A24 3	118	024	GA	J120	10	916	00012–99999
W124	P172	10	916	E97G24 3	118	024	GA	J120	5	916	00008–00011
W124	P172	11	916	R38E22 3	118	022	SY	J120	10	916	00008–00011
W124	P172	12	916	E278A24 3	118	024	GA	J120	41	916	00012–00051
W124	P172	12	916	E98F24 3	118	024	GA	J120	19	916	00008–00011
W124	P172	13	916	Q23B22 3	260	022	SY	P352	E	918	00008–99999
W124	P172	14	916	Q24B22 3	260	022	SY	P352	C	918	00008–99999
W124	P172	15	916	Q27B22 3	185	022	SY	P350	A	918	00008–99999
W124	P172	16	916	E24C24 3	006	024	ZZ	P172	SH 2	833	00012–00051
W124	P172	17	916	R28B24 3	112	024	GA	J142	13	916	00008–00011
W124	P172	18	916	R29B24 3	112	024	GA	J142	12	916	00008–99999
W124	P172	19	916	E280D22 3	118	022	SY	J120	11	916	00012–99999
W124	P172	20	916	R31B24 3	112	024	GA	J142	14	916	00008–00011
W124	P172	21	916	R43E22 3	118	022	SY	J120	11	916	00008–00011
W124	P172	22	916	H21B22 3	064	022	SY	P117	J	918	00008–99999
W124	P172	25	916	Q28B22 5WHT	104	022	SJ	P122	A 1	955	00008–99999
W124	P172	26	916	Q29B22 5BLU	104	022	SJ	P122	A 2	955	00008–99999
W124	P172	27	916	R44E22 3	118	022	SY	J120	12	916	00008–00011
W124	P172	28	916	Q31B22 3	104	022	SY	P122	A 3	955	00008–99999
W124	P172	29	916	C2B22 3	068	022	SY	P128	28	765	00052–99999

Table 15. W124 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W124	P172	29	916	C2B22 3	258	022	SY	P374	20	915	00008–00051
W124	P172	30	916	E66B24 3	050	024	GA	P124	S	918	00008–99999
W124	P172	31	916	C9H22 3WHT	116	022	SJ	P144	2	916	00008–99999
W124	P172	32	916	C11H22 3BLU	116	022	SJ	P144	1	916	00008–99999
W124	P172	33	916	C10H22 3BLU	105	022	SJ	P146	1	916	00008–99999
W124	P172	34	916	C12H22 3WHT	105	022	SJ	P146	2	916	00008–99999
W124	P172	35	916	C1B22 3	068	022	SY	P128	4	765	00008–99999
W124	P172	36	916	C3D22 3	118	022	SY	J120	1	916	00012–99999
W124	P172	36	916	C3D22 3	118	022	SY	J120	2	916	00008–00011
W124	P172	37	916	C2D22 3	118	022	SY	J120	2	916	00012–99999
W124	P172	37	916	C2D22 3	006	022	ZZ	P156	SH 3		00015–99999
W124	P172	38	916	C9B22 3ORN	112	022	SM	J142	15	916	00008–99999
W124	P172	39	916	C10B22 3RED	112	022	SM	J142	16	916	00008–99999
W124	P172	40	916	C1E22 3WHT	112	022	SM	J142	3	916	00008–99999
W124	P172	41	916	C11B22 3BLU	112	022	SM	J142	4	916	00008–99999
W124	P172	42	916	C12B22 3GRN	112	022	SM	J142	5	916	00008–99999
W124	P172	43	916	H6E22 3	064	022	SY	P117	C	918	00008–99999
W124	P172	44	916	T92E22 3	024	022	SY	J118	1	916	00008–99999
W124	P172	45	916	T93E22 3	024	022	SY	J118	2	916	00008–99999
W124	P172	46	916	T94E22 3	024	022	SY	J118	3	916	00008–99999
W124	P172	47	916	T95E22 3	024	022	SY	J118	4	916	00008–99999
W124	P172	48	916	T96E22 3	024	022	SY	J118	5	916	00008–99999
W124	P172	49	916	T97E22 3	024	022	SY	J118	6	916	00008–99999
W124	P172	50	916	T98E22 3	024	022	SY	J118	7	916	00008–99999
W124	P172	51	916	T99E22 3	024	022	SY	J118	8	916	00008–99999
W124	P172	52	916	T100E22 3	024	022	SY	J118	9	916	00008–99999
W124	P172	53	916	T101E22 3	024	022	SY	J118	10	916	00008–99999
W124	P172	54	916	T102E22 2	024	022	SY	J118	11	916	00008–99999
W124	P172	55	916	T90D22 2	024	022	SY	J118	12	916	00008–99999
W124	P172	56	916	T91B22 2	024	022	SY	J118	13	916	00008–99999
W124	P172	57	916	E274B24 3	006	024	ZZ	P172	SH 7	833	00012–00051
W124	P172	58	916	R45A22N 3	028	022	SY	GS106	J		00008–00011
W124	P172	59	916	R45D22 3	118	022	SY	J120	23	916	00008–00011
W124	P172	60	916	P20A24 3	097	024	GA	P115	B	917	00008–99999
W124	P172	61	916	E275B24 3	006	024	ZZ	P172	SH 8	833	00012–00051
W124	P172	62	916	T103B24 3	068	024	GA	P128	12	765	00008–99999
W124	P172	63	916	H27B22 3	103	022	SY	P160	K	918	00008–99999
W124	P172	64	916	H26A22 3	103	022	SY	P160	C	918	00008–99999
W124	P172	65	916	H25A22 3	103	022	SY	P160	F	918	00008–99999
W124	P172	66	916	L105B24 3	024	024	GA	J118	30	916	00008–99999
W124	P172	67	916	L106B24 3	024	024	GA	J118	31	916	00008–99999

Table 15. W124 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W124	P172	68	916	L107F24 3	024	024	GA	J118	32	916	00008–99999
W124	P172	69	916	L121B24 3	024	024	GA	J118	36	916	00008–00018
W124	P172	70	916	L122B24 3	024	024	GA	J118	37	916	00008–00018
W124	P172	71	916	L123F24 3	024	024	GA	J118	38	916	00008–00018
W124	P172	72	916	L126B24 3	024	024	GA	J118	40	916	00008–00018
W124	P172	73	916	L127B24 3	024	024	GA	J118	41	916	00008–00018
W124	P172	74	916	L128F24 3	024	024	GA	J118	42	916	00008–00018
W124	P172	75	916	LVSCS30C22 3	066	022	SY	P117	ZA	918	00012–99999
W124	P172	76	916	T107B22 3	024	022	SY	J118	18	916	00008–99999
W124	P172	77	916	LVSCS32B22 3	066	022	SY	P117	S	918	00012–99999
W124	P172	78	916	R46E22 3	118	022	SY	J120	20	916	00008–00011
W124	P172	79	916	R47D22 3	118	022	SY	J120	28	916	00008–00011
W124	P172	80	916	M3J22 3	258	022	SY	P374	35	915	00008–99999
W124	P172	81	916	M3D22 3	258	022	SY	P374	36	915	00008–99999
W124	P172	82	916	M8B22 3	064	022	SY	P117	U	918	00008–99999
W124	P172	83	916	M7C22 3	064	022	SY	P117	V	918	00008–99999
W124	P172	84	916	C20B22 3	064	022	SY	P117	L	918	00008–99999
W124	P172	85	916	C21B22 3	064	022	SY	P117	M	918	00008–99999
W124	P172	86	916	C19B22 3	064	022	SY	P117	N	918	00008–99999
W124	P172	87	916	C18B22 3	258	022	SY	P374	37	915	00008–99999
W124	P172	88	916	E29H24 3WHT	118	024	RC	J120	16	916	00052–99999
W124	P172	88	916	E29H24 3WHT	118	024	RC	J120	30	916	00008–00011
W124	P172	88	916	E29H24 3WHT	118	024	XG	J120	16	916	00012–00051
W124	P172	89	916	E30H24 3BLU	118	024	RC	J120	15	916	00052–99999
W124	P172	89	916	E30H24 3BLU	118	024	XG	J120	15	916	00012–00051
W124	P172	89	916	E30H24 3ORN	118	024	RC	J120	32	916	00008–00011
W124	P172	90	916	M20J22 3	112	022	SY	J142	10	916	00008–99999
W124	P172	91	916	M24J22 3	112	022	SY	J142	11	916	00008–99999
W124	P172	92	916	L101B24 3	024	024	GA	J118	26	916	00008–00051
W124	P172	94	916	L103F24 3	024	024	GA	J118	28	916	00008–00051
W124	P172	95	916	R48F22 3	118	022	SY	J120	22	916	00008–00011
W124	P172	96	916	R49D22 3	118	022	SY	J120	8	916	00008–00011
W124	P172	97	916	R50D22 3	118	022	SY	J120	21	916	00008–00011
W124	P172	98	916	C2N22 3	068	022	SY	P128	26	765	00052–99999
W124	P172	99	916	L49B22 3	380	022	SY	S303		115	00035–99999
W124	P172	99	916	L49B22 3	380	022	SY	W124 CR1	1	A11	00015–00034
W124	P172	99	916	L49B22N 3	380	022	SY	S301 SP2			00008–00014
W124	P172	100	916	E18H24 3BLU	118	024	RC	J120	31	916	00008–00011
W124	P172	100	916	E18H24 3ORN	118	024	RC	J120	48	916	00052–99999
W124	P172	100	916	E18H24 3ORN	118	024	XG	J120	48	916	00012–00051
W124	P172	101	916	E276F24 3WHT	118	024	RC	J120	14	916	00052–99999

Table 15. W124 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W124	P172	101	916	E276F24 3WHT	118	024	RC	J120	33	916	00008–00011
W124	P172	101	916	E276F24 3WHT	118	024	XG	J120	14	916	00012–00051
W124	P172	102	916	E1H24 3BLU	118	024	RC	J120	34	916	00008–00011
W124	P172	102	916	E1H24 3ORN	118	024	RC	J120	12	916	00052–99999
W124	P172	102	916	E1H24 3ORN	118	024	XG	J120	12	916	00012–00051
W124	P172	103	916	E277F24 3BLU	118	024	RC	J120	13	916	00052–99999
W124	P172	103	916	E277F24 3BLU	118	024	XG	J120	13	916	00012–00051
W124	P172	103	916	E277F24 3ORN	118	024	RC	J120	35	916	00008–00011
W124	P172	104	916	L138C22 3	065	022	SY	J125	A	918	00015–99999
W124	P172	105	916	LVSCS27C22 3	026	022	SY	J118	49	916	00012–99999
W124	P172	106	916	LVSCS29C22 3	026	022	SY	J118	47	916	00012–99999
W124	P172	107	916	T124A24 3	058	024	GA	P156	EE	918	00012–99999
W124	P172	108	916	T5A24 3	145	024	GA	S202 SP1			00012–99999
W124	P172	109	916	RVSCS33A22 3	058	022	SH	P156			00015–00051
W124	P172	109	916	RVSCS33A22 3	058	022	SH	P156	N	918	00012–00014
W124	P172	110	916	C41D22 3	130	022	SY	J120	6	916	00012–99999
W124	P172	111	916	C40D22 3	130	022	SY	J120	5	916	00012–99999
W124	P172	112	916	RVSCS45A22 3	058	022	SY	P156	ZB	918	00052–99999
W124	P172	114	916	C42B22 3	118	022	SY	J120	42	916	00052–99999
W124	P172	Case		E7C24 3	000	024	ZZ	P172	SH 1		00008–00011
W124	P172	Case		E8C24 3	000	024	ZZ	P172	SH 2		00008–00011
W124	P172	Case		Q30E22 5	000	022	ZZ	P172	SH 3		00008–99999
W124	P172	Case		C13D22 3	000	022	ZZ	P172	SH 4		00008–99999
W124	P172	Case		C16B22 3	000	022	ZZ	P172	SH 5		00008–99999
W124	P172	Case		C17B22 3	000	022	ZZ	P172	SH 6		00008–99999
W124	P172	Case		E274B24 3	000	024	ZZ	P172	SH 7		00008–00011
W124	P172	Case		E274B24 3	000	024	ZZ	P172	SH 7		00052–99999
W124	P172	Case		E275B24 3	000	024	ZZ	P172	SH 8		00008–00011
W124	P172	Case		E275B24 3	000	024	ZZ	P172	SH 8		00052–99999
W124	P172	Case		RVSCS43B22 3	000	022	ZZ	P172	SH 9		00012–00051
W124	P172	SH 1	833	E25C24 3	006	024	ZZ	P172	9	916	00012–00051
W124	P172	SH 1		E7C24 3	000	024	ZZ	P172	Case		00008–00011
W124	P172	SH 2	833	E24C24 3	006	024	ZZ	P172	16	916	00012–00051
W124	P172	SH 2		E8C24 3	000	024	ZZ	P172	Case		00008–00011
W124	P172	SH 3		Q30E22 5	000	022	ZZ	P172	Case		00008–99999
W124	P172	SH 4		C13D22 3	000	022	ZZ	P172	Case		00008–99999
W124	P172	SH 5		C16B22 3	000	022	ZZ	P172	Case		00008–99999
W124	P172	SH 6		C17B22 3	000	022	ZZ	P172	Case		00008–99999
W124	P172	SH 7		E274B24 3	000	024	ZZ	P172	Case		00008–00011
W124	P172	SH 7		E274B24 3	000	024	ZZ	P172	Case		00052–99999
W124	P172	SH 7	833	E274B24 3	006	024	ZZ	P172	57	916	00012–00051

Table 15. W124 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W124	P172	SH 8		E275B24 3	000	024	ZZ	P172	Case		00008–00011
W124	P172	SH 8		E275B24 3	000	024	ZZ	P172	Case		00052–99999
W124	P172	SH 8	833	E275B24 3	006	024	ZZ	P172	61	916	00012–00051
W124	P172	SH 9		RVSCS43B22 3	000	022	ZZ	P172	Case		00012–00051
W124	P174	A	918	L86A20 3	060	020	SY	P126	B	918	00008–99999
W124	P174	B	918	L89B24 3	022	024	GA	J118	14	916	00008–99999
W124	P174	C	918	L91B24 3	022	024	GA	J118	16	916	00008–99999
W124	P174	D	918	T105B22 3	022	022	SY	J118	19	916	00008–99999
W124	P174	E	918	L95B24 3	022	024	GA	J118	20	916	00008–99999
W124	P174	F	918	L97B24 3	022	024	GA	J118	22	916	00008–99999
W124	P174	G	918	T1B20 3	065	020	SY	P128	7	765	00008–99999
W124	P174	H	918	L55B22 3	022	022	SY	J118	34	916	00008–99999
W124	P174	J	918	ATTGYR2B22 3	022	022	SY	J118	45	916	00072–99999
W124	P174	J	918	L119B22 3	065	022	SY	P128	6	765	00008–00018
W124	P174	K	918	L111B22 3	048	022	SY	P124	G	918	00008–99999
W124	P174	L	918	T1E20 3	065	020	SY	P128	8	765	00008–99999
W124	P174	M	918	L115B22 3	062	022	SY	P117	F	918	00008–99999
W124	P174	N	918	L58B22 3	052	022	SY	P116	N	918	00008–99999
W124	P174	P	918	L38H22 3	255	022	SY	P374	40	915	00008–99999
W124	P174	R	918	L60B22 3	052	022	SY	P116	ZF	918	00008–99999
W124	P174	S	918	L61B22 3	052	022	SY	P116	ZG	918	00008–99999
W124	P174	T	918	L84A20 3	060	020	SY	P126	F	918	00008–99999
W124	P174	U	918	M6H20 3	257	020	SY	P378	J	917	00008–99999
W124	P174	V	918	M6C20 3	257	020	SY	P378	D	917	00008–99999
W124	P174	W	922	KX1652C16 3	065	016	SY	P128 SP1			00008–00009
W124	P174	X	918	L113B22 3	065	022	SY	P124	E	918	00008–99999
W124	P174	Y	918	L140B22 3	026	022	SY	J118	51	916	00012–99999
W124	P174	Z	922	KY196A2B16 3	257	016	SY	P378	G	924	00008–00009
W124	P340	A	918	P60D24 3	050	024	GA	P374	27	915	00008–99999
W124	P340	B	918	P78E24 3	050	024	GA	P374	26	915	00008–99999
W124	P340	J	918	P95B24 3	050	024	GA	P374	29	915	00008–99999
W124	P340	K	918	P9A22 3	277	022	SY	P116	Y	918	00008–99999
W124	P340	P	918	P91A24 3	050	024	GA	P374	33	915	00008–99999
W124	P340	R	918	P42E24 3	050	024	GA	P374	25	915	00008–99999
W124	P340	W	918	P79A20 5	150	020	SY	A408TB1	D	103	00008–99999
W124	P340	X	918	P82A20 5WHT	132	020	SJ	P410	A	765	00008–99999
W124	P340	Y	918	P83A20 5BLU	132	020	SJ	P410	B	765	00012–99999
W124	P340	Y	922	P83A20 5BLU	132	020	SJ	P410	B	765	00008–00011
W124	P340	ZC	918	P8A22 3	277	022	SY	P116	Z	918	00008–99999
W124	P340	ZD	918	P7A22 3	277	022	SY	P116	V	918	00008–99999
W124	P340	ZF	918	P88A24 3	050	024	GA	P374	24	915	00008–99999

Table 15. W124 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W124	P340	ZP	918	P61C24 3	050	024	GA	P374	31	915	00008–99999
W124	P340	ZR	918	P58D24 3	050	024	GA	P374	30	915	00008–99999
W124	P340	ZS	918	P2E22 3	290	022	SY	P116	A	918	00008–99999
W124	P340	ZV	918	P10A22 3	277	022	SY	P116	X	918	00008–99999
W124	P340	ZY	922	P86B16 3	054	016	SH	P378	L	924	00008–99999
W124	P340	AA	922	P80A16 4	150	016	SH	A408TB1	A	108	00008–99999
W124	P340	DD	922	P81A16 4	150	016	SH	A408TB1	E	110	00008–99999
W124	P340	FF	922	P81B16 5	150	016	SY	A408TB1	E	110	00008–99999
W124	P340	ZZ	922	P85A20N 3	100	020	SY	GS302	A		00008–99999
W124	P340	Case		P16A16 3	000	016	ZZ	P340	SH 1		00008–99999
W124	P340	Case		P113B16 4	000	016	ZZ	P340	SH 2		00008–99999
W124	P340	Case		P18B16 4	000	016	ZZ	P340	SH 3		00008–99999
W124	P340	Case		P84A20 5	000	020	ZZ	P340	SH 4		00008–99999
W124	P340	SH 1		P16A16 3	000	016	ZZ	P340	Case		00008–99999
W124	P340	SH 2		P113B16 4	000	016	ZZ	P340	Case		00008–99999
W124	P340	SH 3		P18B16 4	000	016	ZZ	P340	Case		00008–99999
W124	P340	SH 4		P84A20 5	000	020	ZZ	P340	Case		00008–99999
W124	P350	A	918	Q27B22 3	185	022	SY	P172	15	916	00008–99999
W124	P350	B	918	Q41A22N 3	100	022	SY	GS306	J		00008–99999
W124	P352	A	918	Q18B22 3	275	022	SY	P124	U	918	00008–99999
W124	P352	C	918	Q24B22 3	260	022	SY	P172	14	916	00008–99999
W124	P352	D	918	Q46A22N 3	100	022	SY	GS302	F		00008–99999
W124	P352	E	918	Q23B22 3	260	022	SY	P172	13	916	00008–99999
W124	P352	F	918	Q45A22N 3	100	022	SY	GS302	E		00008–99999
W124	P352	G	918	Q47A22N 3	100	022	SY	GS304	C		00008–99999
W124	P352	H	918	Q19B22 3	275	022	SY	P124	V	918	00008–99999
W124	P357	A	912	L21A20 4WHT	120	020	SK	J309	A	918	00008–99999
W124	P357	B	912	L22A20 4BLU	120	020	SK	J309	B	918	00008–99999
W124	P357	C	912	L23A20 4ORN	120	020	SK	J309	C	918	00008–99999
W124	P357	Case		L35A20 4	000	020	ZZ	P357	SH 1		00008–99999
W124	P357	SH 1		L35A20 4	000	020	ZZ	P357	Case		00008–99999
W124	P358	A	891	L5B20 3	206	020	SY	P116	ZE	918	00008–99999
W124	P358	B	891	L7A20N 3	100	020	SY	GS306	A		00008–99999
W124	P358	C	891	L6A20 3	206	020	SY	P116	L	918	00008–00011
W124	P359	A	912	L18A20 4WHT	120	020	SK	J309	J	918	00008–99999
W124	P359	B	912	L19A20 4BLU	120	020	SK	J309	K	918	00008–99999
W124	P359	C	912	L20A20 4ORN	120	020	SK	J309	L	918	00008–99999
W124	P359	Case		L34A20 4	000	020	ZZ	P359	SH 1		00008–99999
W124	P359	SH 1		L34A20 4	000	020	ZZ	P359	Case		00008–99999
W124	P370	A	918	W23A22N 3	106	022	SY	GS304	F		00008–99999
W124	P370	B	918	W27A22 3	016	022	SY	P370	E	918	00008–99999

Table 15. W124 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W124	P370	C	918	W10B24 3WHT	029	024	RC	P374	14	915	00008–99999
W124	P370	D	918	W26A20 5	071	020	SY	J477	A		00008–99999
W124	P370	E	918	W27A22 3	016	022	SY	P370	B	918	00008–99999
W124	P370	F	918	W11B24 3BLU	029	024	RC	P374	15	915	00008–99999
W124	P370	G	918	W3B22 3	293	022	SY	P128	2	765	00008–99999
W124	P370	H	918	W25A20 5	071	020	SY	J475	B		00008–99999
W124	P370	J	918	W24A22N 3	106	022	SY	GS306	K		00008–99999
W124	P370	K	918	W12B24 3ORN	029	024	RC	P374	16	915	00008–99999
W124	P370	Case	145	W30A24 3	006	024	ZZ	P370	SH 1	833	00008–99999
W124	P370	SH 1	833	W30A24 3	006	024	ZZ	P370	Case	145	00008–99999
W124	P371	A	918	W13A22N 3	106	022	SY	GS302	B		00008–99999
W124	P371	B	918	W14A22 3	016	022	SY	P371	E	918	00008–99999
W124	P371	C	918	W4B24 3WHT	031	024	RC	P374	8	915	00008–99999
W124	P371	D	918	W16A20 5	035	020	SY	P378	E	917	00008–99999
W124	P371	E	918	W14A22 3	016	022	SY	P371	B	918	00008–99999
W124	P371	F	918	W5B24 3BLU	031	024	RC	P374	9	915	00008–99999
W124	P371	G	918	W1C22 3	031	022	SY	P374	17	915	00008–99999
W124	P371	H	918	W17A20 5	031	020	SY	P378	M	924	00008–99999
W124	P371	J	918	W15A22N 3	106	022	SY	GS304	E		00008–99999
W124	P371	K	918	W6B24 3ORN	031	024	RC	P374	10	915	00008–99999
W124	P371	Case	145	W29A24 3	006	024	ZZ	P371	SH 1	833	00008–99999
W124	P371	SH 1	833	W29A24 3	006	024	ZZ	P371	Case	145	00008–99999
W124	P372	A	918	W18A22N 3	106	022	SY	GS302	D		00008–99999
W124	P372	B	918	W19A22 3	016	022	SY	P372	E	918	00008–99999
W124	P372	C	918	W7B24 3WHT	029	024	RC	P374	11	915	00008–99999
W124	P372	D	918	W21A20 5	051	020	SY	J476	A		00008–99999
W124	P372	E	918	W19A22 3	016	022	SY	P372	B	918	00008–99999
W124	P372	F	918	W8B24 3BLU	029	024	RC	P374	12	915	00008–99999
W124	P372	G	918	W2B22 3	292	022	SY	P128	1	765	00008–99999
W124	P372	H	918	W22A20 5	049	020	SY	J474	B		00008–99999
W124	P372	J	918	W20A22N 3	106	022	SY	GS306	H		00008–99999
W124	P372	K	918	W9B24 3ORN	029	024	RC	P374	13	915	00008–99999
W124	P372	Case	145	W28A24 3	006	024	ZZ	P372	SH 1	833	00008–99999
W124	P372	SH 1	833	W28A24 3	006	024	ZZ	P372	Case	145	00008–99999
W124	P374	1	915	E26B24 3	273	024	GA	P124	R	918	00008–99999
W124	P374	2	915	E138B22 3	290	022	SY	P128	11	765	00008–99999
W124	P374	3	915	ATTGYR1B22 3	258	022	SY	P172	9	916	00008–00009
W124	P374	4	915	ATTGYR1C22 3	300	022	SY	J118	43	916	00072–99999
W124	P374	6	915	Q7B22 3	197	022	SY	P122	A 6	955	00008–99999
W124	P374	8	915	W4B24 3WHT	031	024	RC	P371	C	918	00008–99999
W124	P374	9	915	W5B24 3BLU	031	024	RC	P371	F	918	00008–99999

Table 15. W124 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W124	P374	10	915	W6B24 3ORN	031	024	RC	P371	K	918	00008–99999
W124	P374	11	915	W7B24 3WHT	029	024	RC	P372	C	918	00008–99999
W124	P374	12	915	W8B24 3BLU	029	024	RC	P372	F	918	00008–99999
W124	P374	13	915	W9B24 3ORN	029	024	RC	P372	K	918	00008–99999
W124	P374	14	915	W10B24 3WHT	029	024	RC	P370	C	918	00008–99999
W124	P374	15	915	W11B24 3BLU	029	024	RC	P370	F	918	00008–99999
W124	P374	16	915	W12B24 3ORN	029	024	RC	P370	K	918	00008–99999
W124	P374	17	915	W1C22 3	031	022	SY	P371	G	918	00008–99999
W124	P374	20	915	C2B22 3	258	022	SY	P172	29	916	00008–00051
W124	P374	21	915	H9E22 3	286	022	SY	P117	D	918	00008–99999
W124	P374	22	915	H18A22 3	286	022	SY	P117	A	918	00008–99999
W124	P374	24	915	P88A24 3	050	024	GA	P340	ZF	918	00008–99999
W124	P374	25	915	P42E24 3	050	024	GA	P340	R	918	00008–99999
W124	P374	26	915	P78E24 3	050	024	GA	P340	B	918	00008–99999
W124	P374	27	915	P60D24 3	050	024	GA	P340	A	918	00008–99999
W124	P374	29	915	P95B24 3	050	024	GA	P340	J	918	00008–99999
W124	P374	30	915	P58D24 3	050	024	GA	P340	ZR	918	00008–99999
W124	P374	31	915	P61C24 3	050	024	GA	P340	ZP	918	00008–99999
W124	P374	32	915	P11E24 3	243	024	GA	P115	K	917	00008–99999
W124	P374	33	915	P91A24 3	050	024	GA	P340	P	918	00008–99999
W124	P374	34	915	P17B24 3	280	024	GA	P116	P	918	00008–99999
W124	P374	35	915	M3J22 3	258	022	SY	P172	80	916	00008–99999
W124	P374	36	915	M3D22 3	258	022	SY	P172	81	916	00008–99999
W124	P374	37	915	C18B22 3	258	022	SY	P172	87	916	00008–99999
W124	P374	38	915	L40B22 3	278	022	SY	P126	A	918	00008–00051
W124	P374	39	915	L38B22 3	280	022	SY	P116	ZH	918	00008–99999
W124	P374	40	915	L38H22 3	255	022	SY	P174	P	918	00008–99999
W124	P374	41	915	L39B22 3	278	022	SY	P126	E	918	00008–99999
W124	P374	Case		W29B22 3	000	022	ZZ	P374	SH 1		00008–99999
W124	P374	Case		W28B22 3	000	022	ZZ	P374	SH 2		00008–99999
W124	P374	Case		W30B22 3	000	022	ZZ	P374	SH 3		00008–99999
W124	P374	SH 1		W29B22 3	000	022	ZZ	P374	Case		00008–99999
W124	P374	SH 2		W28B22 3	000	022	ZZ	P374	Case		00008–99999
W124	P374	SH 3		W30B22 3	000	022	ZZ	P374	Case		00008–99999
W124	P378	A	917	M1H20 3	042	020	SY	TB302 –1	L	905	00008–99999
W124	P378	B	917	M1E20 3	042	020	SY	TB302 –1	H	905	00008–99999
W124	P378	C	924	Q2B16 3	276	016	SY	P124	Z	922	00008–99999
W124	P378	D	917	M6C20 3	257	020	SY	P174	V	918	00008–99999
W124	P378	E	917	W16A20 5	035	020	SY	P371	D	918	00008–99999
W124	P378	G	924	KY196A2B16 3	257	016	SY	P174	Z	922	00008–00009
W124	P378	H	917	L38L22 3	115	022	SY	DS301 SP1		904	00015–00024

Table 15. W124 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W124	P378	H	917	L38L22 3	115	022	SY	S301 SP1			00008–00014
W124	P378	H	917	L38L22 3	125	022	SY	DS301	POS	900	00025–00071
W124	P378	H	917	L38L22 3	137	022	SY	DS301	POS	900	00072–99999
W124	P378	J	917	M6H20 3	257	020	SY	P174	U	918	00008–99999
W124	P378	K	917	L12B20 3	247	020	SY	P115	F	917	00008–99999
W124	P378	L	924	P86B16 3	054	016	SH	P340	ZY	922	00008–99999
W124	P378	M	924	W17A20 5	031	020	SY	P371	H	918	00008–99999
W124	P378	Case		P16B16 3	000	016	ZZ	P378	SH 1		00008–99999
W124	P378	SH 1		P16B16 3	000	016	ZZ	P378	Case		00008–99999
W124	P410	A	765	P82A20 5WHT	132	020	SJ	P340	X	918	00008–99999
W124	P410	B	765	P83A20 5BLU	132	020	SJ	P340	Y	918	00012–99999
W124	P410	B	765	P83A20 5BLU	132	020	SJ	P340	Y	922	00008–00011
W124	P410	Case	102	P19A20 5	006	020	ZZ	P410	SH 1	827	00008–99999
W124	P410	SH 1	827	P19A20 5	006	020	ZZ	P410	Case	102	00008–99999
W124	S101	1	115	E17A22N 3	046	022	SY	GS104	E		00008–00011
W124	S101	2	115	E17A22N 3	130	022	SY	P172	111	916	00012–99999
W124	S101	C	115	E16D22 3	054	022	SY	P124	T	918	00008–99999
W124	S202 SP1			T5A24 3	145	024	GA	P172	108	916	00012–99999
W124	S202 SP2			T5D24N 3	124	024	GA	GS302	H		00012–99999
W124	S301		102	L49D22 3	012	022	SY	DS301 SP1		904	00025–00034
W124	S301		102	L49D22 3	012	022	SY	DS301 SP2		904	00015–00024
W124	S301		115	L49D22 3	012	022	SY	S303		115	00035–99999
W124	S301		102	L57A22N 3	110	022	SY	GS306	F		00015–00034
W124	S301		102	L57A22N 3	110	022	SY	GS306	F		00028–00034
W124	S301		115	L57A22N 3	110	022	SY	GS306	F		00035–99999
W124	S301		115	L49E22 3	024	022	SY	DS301	NEG	900	00035–99999
W124	S301 SP1			L38L22 3	115	022	SY	P378	H	917	00008–00014
W124	S301 SP2			L49B22N 3	380	022	SY	P172	99	916	00008–00014
W124	S303		115	L49B22 3	380	022	SY	P172	99	916	00035–99999
W124	S303		115	L49D22 3	012	022	SY	S301		115	00035–99999
W124	TB302 –1	A	905	M10A22 3	272	022	SY	P117	X	918	00008–00011
W124	TB302 –1	A	905	M10A22 3	294	022	SY	P117	X	918	00012–99999
W124	TB302 –1	D	905	M9A22 3	272	022	SY	P117	W	918	00008–00011
W124	TB302 –1	D	905	M9A22 3	294	022	SY	P117	W	918	00012–99999
W124	TB302 –1	H	905	M1E20 3	042	020	SY	P378	B	917	00008–99999
W124	TB302 –1	L	905	M1H20 3	042	020	SY	P378	A	917	00008–99999
W124	TB302 –2	B	905	H15B22 3	300	022	SY	P128	13	765	00008–99999
W124	TB302 –2	E	905	H15G22 3	300	022	SY	P117	K	918	00008–99999
W124	W124 CR1	1	A11	L49B22 3	380	022	SY	P172	99	916	00015–00034
W124	W124 CR1	2	A11	L49E22 3	006	022	SY	DS301 SP2		904	00015–00024
W124	W124 CR1	2	A11	L49E22 3	024	022	SY	DS301 SP1		904	00025–00034

Table 15. W124 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W124	W124 R1	A11		H28A22 3	010	022	SY	P160	B	918	00012–99999
W124	W124 R1	A11		H28B22 3	010	022	SY	P160	E		00012–99999
W124	W124 SP1			P23B24 3	010	024	GA	P115	G	917	00008–00011
W124	W124 SP1			P24B24 3	050	024	GA	P115	G	917	00012–99999

Table 16. W125 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W125	A407TB1	A	108	P48A16 4	102	016	SH	P341	AA	922	00008–99999
W125	A407TB1	D	103	P47A20 5	102	020	SY	P341	W	918	00008–99999
W125	A407TB1	E	110	P14C16N 4	010	016	SY	A407TB1	SH 2	818	00008–99999
W125	A407TB1	E	110	P49A16 4	102	016	SH	P341	DD	922	00008–99999
W125	A407TB1	E	110	P49B16 5	102	016	SY	P341	FF	922	00008–99999
W125	A407TB1	SH 1	818	P13C16 4	010	016	SY	A407TB1	SH 2		00008–99999
W125	A407TB1	SH 2	818	P14C16N 4	010	016	SY	A407TB1	E	110	00008–99999
W125	A407TB1	SH 2		P13C16 4	010	016	SY	A407TB1	SH 1	818	00008–99999
W125	A601CB19	1		P31A10 3	110	010	SY	A610CB1	1		00052–99999
W125	A601CR1		119	P113H10 3	320	010	SY	A620CB36	2	261	00052–00071
W125	A601CR1			P113H10 3	340	010	SY	A620CB36	2		00072–99999
W125	A610CB1	1		P31A10 3	110	010	SY	A601CB19	1		00052–99999
W125	A610CB1	1		P31A12 3	100	012	SY	P131	15	769	00008–00011
W125	A610CB1	1	261	P31A12 3	100	012	SY	P131	15	769	00012–00051
W125	A610K5	A 1	261	L10C12 3	100	012	SY	P131	19	769	00035–00051
W125	A620CB36	2	261	P113H10 3	320	010	SY	A601CR1		119	00052–00071
W125	A620CB36	2		P113H10 3	340	010	SY	A601CR1			00072–99999
W125	A642DS1	NEG		L15A12 3BLU	125	012	SB	P100	19	768	00045–99999
W125	A642DS1	POS		L14B12 3WHT	125	012	SB	P100	15	768	00045–99999
W125	A642DS2	NEG		L17A20 3BLU	125	020	SB	P100	2	764	00045–99999
W125	A642DS2	POS		L16B20 3WHT	125	020	SB	P100	1	764	00045–99999
W125	A674TB1	C		LVSCS25A22 5WHT	110	022	SK	P159	ZQ	918	00015–99999
W125	A674TB1	C		LVSCS25A24 5WHT	110	024	XG	P159	ZQ	918	00012–00014
W125	A674TB1	N		LVSCS25C22 5BLU	110	022	SK	P159	ZP	918	00012–99999
W125	A674TB1	R		LVSCS25E22 5ORN	110	022	SK	P159	ZR	918	00012–99999
W125	A674TB1	SH 2	818	LVSCS26B22N 5	130	022	SY	GS101	D		00012–99999
W125	A675TB1 –1	A		R4A24 6WHT	190	024	RB	J152	2	A11	00012–99999
W125	A675TB1 –1	E		R5A24 6BLU	190	024	RB	J152	4	A11	00012–99999
W125	A675TB1 –1	J		R6A24 6WHT	190	024	RB	J152	1	A11	00012–99999
W125	A675TB1 –1	N		R7A24 6BLU	190	024	RB	J152	3	A11	00012–99999
W125	A675TB1 –2	A		R10A24 3	191	024	GA	J159	E	A11	00012–00014
W125	A675TB1 –2	A		R10A24 3	191	024	GA	J159	F	A11	00015–99999
W125	A675TB1 –2	B		R25B24 3	105	024	GA	J143	14	916	00012–99999
W125	A675TB1 –2	E		R11A24 3	191	024	GA	J159	E	A11	00015–99999
W125	A675TB1 –2	E		R11A24 3	191	024	GA	J159	F	A11	00012–00014
W125	A675TB1 –2	F		R22B24 3	105	024	GA	J143	13	916	00012–99999
W125	A675TB1 –2	N		R18A24 3	214	024	GA	J201	E	A11	00012–99999
W125	A675TB1 –2	T		R19A24 3	214	024	GA	J201	F	A11	00012–99999
W125	A675TB1 –3	A		R8A24 6WHT	191	024	RB	J159	D	A11	00012–99999
W125	A675TB1 –3	B		R33A24 6WHT	191	024	RB	J151	2	A11	00012–99999
W125	A675TB1 –3	E		R9A24 6BLU	191	024	RB	J159	A	A11	00012–99999

Table 16. W125 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W125	A675TB1 –3	F		R34A24 6BLU	191	024	RB	J151	4	A11	00012–99999
W125	A675TB1 –3	J		R12A24 6WHT	191	024	RB	J159	B	A11	00012–99999
W125	A675TB1 –3	K		R35A24 6WHT	191	024	RB	J151	1	A11	00012–99999
W125	A675TB1 –3	N		R13A24 6BLU	191	024	RB	J159	C	A11	00012–99999
W125	A675TB1 –3	P		R36A24 6BLU	191	024	RB	J151	3	A11	00012–99999
W125	A675TB1 –4	A		R14A24 6WHT	214	024	RB	J201	B	A11	00012–99999
W125	A675TB1 –4	E		R15A24 6BLU	214	024	RB	J201	C	A11	00012–99999
W125	A675TB1 –4	J		R16A24 6WHT	214	024	RB	J201	D	A11	00012–99999
W125	A675TB1 –4	N		R17A24 6BLU	214	024	RB	J201	A	A11	00012–99999
W125	A675TB1 –5	T		R20B22 3	078	022	SY	P131	22	765	00012–99999
W125	A675TB1 –6	D		R45F22 3	091	022	SY	J141	40	916	00012–99999
W125	A675TB1 –6	H		R37B22 3	091	022	SY	J141	36	916	00012–99999
W125	A675TB1 –6	M		R38B22 3	091	022	SY	J141	37	916	00012–99999
W125	A675TB1 –6	S		R43B22 3	091	022	SY	J141	38	916	00012–99999
W125	A675TB1 –6	Z		R44B22 3	091	022	SY	J141	39	916	00012–99999
W125	A675TB1 –7	D		R50A22 3	091	022	SY	J141	35	916	00012–99999
W125	A675TB1 –7	H		R46A22 3	091	022	SY	J141	31	916	00012–99999
W125	A675TB1 –7	M		R47A22 3	091	022	SY	J141	32	916	00012–99999
W125	A675TB1 –7	S		R48A22 3	091	022	SY	J141	33	916	00012–99999
W125	A675TB1 –7	Z		R49A22 3	091	022	SY	J141	34	916	00012–99999
W125	DS3	NEG	900	L81A22N 3	058	022	SY	GS200	E		00025–99999
W125	DS3	POS	900	L60C22 3	180	022	SY	P175	F	918	00025–99999
W125	DS3 SP1		905	L60C22 3	169	022	SY	P175	F	918	00008–00024
W125	DS3 SP2		905	L81A22N 3	047	022	SY	GS200	E		00008–00024
W125	DS4 SP1		905	L38J22 3	198	022	SY	P175	E	918	00008–99999
W125	DS4 SP2		905	L78A22N 3	060	022	SY	GS200	D		00008–99999
W125	DS5	NEG	900	L80A22N 3	064	022	SY	GS202	B		00025–99999
W125	DS5	POS	900	L60D22 3	030	022	SY	DS5 SP1		904	00025–99999
W125	DS5 SP1		904	L60E22 3	085	022	SY	DS6	POS	900	00025–99999
W125	DS5 SP1		904	L60D22 3	030	022	SY	DS5	POS	900	00025–99999
W125	DS5 SP1		904	L60D22N 3	020	022	SY	DS5 SP3		904	00008–00024
W125	DS5 SP1		904	L61C22 3	305	022	SY	P175	G	918	00025–99999
W125	DS5 SP2		904	L79A22N 3	048	022	SY	GS202	A		00008–00024
W125	DS5 SP3		904	L60D22N 3	020	022	SY	DS5 SP1		904	00008–00024
W125	DS5 SP3		904	L60E22N 3	075	022	SY	DS6 SP1		904	00008–00024
W125	DS5 SP3		904	L61C22 3	305	022	SY	P175	G	918	00008–00024
W125	DS6	NEG	900	L79A22N 3	058	022	SY	GS202	A		00025–99999
W125	DS6	POS	900	L60E22 3	085	022	SY	DS5 SP1		904	00025–99999
W125	DS6 SP1		904	L60E22N 3	075	022	SY	DS5 SP3		904	00008–00024
W125	DS6 SP2		904	L80A22N 3	054	022	SY	GS202	B		00008–00024
W125	GS100	D		LVSCS31B22N 5	075	022	SY	P165	SH 2	818	00012–99999

Table 16. W125 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W125	GS101	A		L54C22N 3	068	022	SY	P129	ZA	918	00008–99999
W125	GS101	B		L131B22N 3	068	022	SY	P129	ZN	918	00008–99999
W125	GS101	C		L118B22N 3	080	022	SY	P131	8	765	00008–99999
W125	GS101	D		LVSCS26B22N 5	130	022	SY	A674TB1	SH 2	818	00012–99999
W125	GS101	G		P77A22N 3	080	022	SY	P131	9	765	00008–99999
W125	GS101	H		R21B24N 3	107	024	GA	J143	1	916	00008–99999
W125	GS101	J		P129A20N 3	064	020	SY	J135	B	798	00008–99999
W125	GS101	K		LVSCS35B22N 5	075	022	SY	P163	SH 2	818	00012–99999
W125	GS101	L		E15B22N 3	068	022	SY	P130	H	918	00008–99999
W125	GS101	M		L77A22N 3	067	022	SY	P121	C	918	00008–99999
W125	GS103	A		R48D22N 3	030	022	SY	P173	85	916	00008–99999
W125	GS103	B		L76A20N 3	067	020	SY	P121	G	918	00008–99999
W125	GS103	F		T115A20N 3	062	020	SY	J113	B	891	00008–99999
W125	GS103	J		P15B22N 3	068	022	SY	P129	S	918	00008–99999
W125	GS103	K		P16B24N 3	068	024	GA	P129	T	918	00008–99999
W125	GS103	L		R26B24N 3	107	024	GA	J143	2	916	00008–99999
W125	GS103	M		LVSCS2A20N 3	075	020	SY	P159	HH	918	00012–99999
W125	GS105	A		LVSCS14A22N 3	075	022	SY	P159	ZS	918	00012–99999
W125	GS105	B		LVSCS23A22N 3	075	022	SH	P165	B	765	00012–00014
W125	GS105	B		LVSCS23A22N 3	075	022	SH	P165	B	765	00015–99999
W125	GS105	G		Q9E22N 3	096	022	SY	P119	A 5	955	00008–99999
W125	GS105	M		LVSCS43A22N 5	075	022	SY	P159	M	918	00012–99999
W125	GS112	K		Q52B22N 3	096	022	SY	P119	A 7	955	00052–99999
W125	GS114	M		C41B22N 3	110	022	SY	J141	41	916	00052–99999
W125	GS130		103	E139B24N 3	106	024	GA	J141	1	916	00008–00011
W125	GS130		103	L31A22N 3	106	022	SY	J141	15	916	00008–00011
W125	GS130		103	L33A22N 3	106	022	SY	J141	16	916	00008–00011
W125	GS130		120	E141B24N 3	106	024	GA	J141	4	916	00008–00011
W125	GS130		103	E139B24N 3	106	024	GA	J141	42	916	00012–00051
W125	GS130			E140B24N 3	106	024	GA	J141	6	916	00008–00011
W125	GS130		120	E141B24N 3	106	024	GA	J141	7	916	00012–00051
W125	GS130			E140B24N 3	106	024	GA	J141	8	916	00012–00051
W125	GS132	B		E141B24N 3	106	024	GA	J141	7	916	00052–99999
W125	GS132	C		E140B24N 3	106	024	GA	J141	8	916	00052–99999
W125	GS132	D		L33A22N 3	106	022	SY	J141	21	916	00012–99999
W125	GS132	E		E281D22N 3	106	022	SY	J141	18	916	00012–99999
W125	GS200	D		L78A22N 3	060	022	SY	DS4 SP2		905	00008–99999
W125	GS200	E		L81A22N 3	047	022	SY	DS3 SP2		905	00008–00024
W125	GS200	E		L81A22N 3	058	022	SY	DS3	NEG	900	00025–99999
W125	GS201			T4D24N 3	020	024	GA	S201 SP2			00012–99999
W125	GS202	A		L79A22N 3	048	022	SY	DS5 SP2		904	00008–00024

Table 16. W125 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W125	GS202	A		L79A22N 3	058	022	SY	DS6	NEG	900	00025–99999
W125	GS202	B		L80A22N 3	054	022	SY	DS6 SP2		904	00008–00024
W125	GS202	B		L80A22N 3	064	022	SY	DS5	NEG	900	00025–99999
W125	GS301	A		W39D24N 3	052	024	GA	J302	10	916	00008–99999
W125	GS301	B		Q42A22N 3	106	022	SY	P353	F	918	00008–99999
W125	GS301	C		W40A22N 3	052	022	SY	J302	2	916	00008–99999
W125	GS303	A		Q43A22N 3	106	022	SY	P353	D	918	00008–99999
W125	GS303	B		Q44A22N 3	106	022	SY	P353	G	918	00008–99999
W125	GS303	C		Q39A22N 3	142	022	SY	P355	F	918	00008–00051
W125	GS303	E		W41A22N 3	052	022	SY	J302	4	916	00008–99999
W125	GS305	A		W42A22N 3	052	022	SY	J302	6	916	00008–99999
W125	GS305	B		P53A20N 3	050	020	SY	P341	ZZ	922	00008–99999
W125	GS305	J		Q40A22N 3	112	022	SY	P351	B	918	00008–99999
W125	GS305	K		Q38A22N 3	142	022	SY	P355	D	918	00008–00051
W125	GS306	L		LVSCS12A20N 3	062	020	SY	J315	K	918	00012–99999
W125	GS306	M		LVSCS13A20N 3	085	020	SY	J315	F	918	00012–99999
W125	GS307	A		W43A22N 3	052	022	SY	J302	8	916	00008–99999
W125	GS307	H		Q37A22N 3	142	022	SY	P355	G	918	00008–00051
W125	J113	A	891	T114C20 3	010	020	SY	J113 SP1			00008–99999
W125	J113	B	891	T115A20N 3	062	020	SY	GS103	F		00008–99999
W125	J113	C	891	T113A20 4BLU	059	020	SJ	P175	U	918	00008–99999
W125	J113	D	891	T112C20 4WHT	059	020	SJ	P175	V	918	00008–99999
W125	J113	E	891	T116A20 5	006	020	ZZ	J113	SH 1	827	00008–99999
W125	J113	SH 1	827	T116A20 5	006	020	ZZ	J113	E	891	00008–99999
W125	J113 SP1			T114C20 3	010	020	SY	J113	A	891	00008–99999
W125	J113 SP1			T114B22 3	305	022	SY	P375	27	915	00008–99999
W125	J135	A	798	P126B20 3	293	020	SY	P379	E	917	00008–99999
W125	J135	B	798	P129A20N 3	064	020	SY	GS101	J		00008–99999
W125	J141	1	916	E139B24N 3	106	024	GA	GS130		103	00008–00011
W125	J141	1	916	C3G22 3	091	022	SY	P173	26	916	00012–99999
W125	J141	2	916	C3G22 3	091	022	SY	P173	26	916	00008–00011
W125	J141	2	916	C2H22 3	091	022	SY	P173	27	916	00012–99999
W125	J141	3	916	C2H22 3	091	022	SY	P173	27	916	00008–00011
W125	J141	4	916	E141B24N 3	106	024	GA	GS130		120	00008–00011
W125	J141	5	916	E97D24 3	091	024	GA	P173	10	916	00008–00011
W125	J141	5	916	C40A22 3	091	022	SY	P173	9	916	00012–99999
W125	J141	6	916	E140B24N 3	106	024	GA	GS130			00008–00011
W125	J141	6	916	C41A22 3	091	022	SY	P173	11	916	00012–99999
W125	J141	7	916	E141B24N 3	106	024	GA	GS130		120	00012–00051
W125	J141	7	916	E141B24N 3	106	024	GA	GS132	B		00052–99999
W125	J141	7	916	E94D24 3	091	024	GA	P173	13	916	00008–00011

Table 16. W125 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W125	J141	8	916	E140B24N 3	106	024	GA	GS130			00012–00051
W125	J141	8	916	E140B24N 3	106	024	GA	GS132	C		00052–99999
W125	J141	8	916	R49A22 3	091	022	SY	P173	83	916	00008–00011
W125	J141	9	916	E94D24 3	091	024	GA	P173	13	916	00012–99999
W125	J141	9	916	R37B22 3	091	022	SY	P173	91	916	00008–00011
W125	J141	10	916	E279D24 3	091	024	GA	P173	10	916	00012–99999
W125	J141	10	916	R38B22 3	091	022	SY	P173	87	916	00008–00011
W125	J141	11	916	E280F22 3	091	022	SY	P173	12	916	00012–99999
W125	J141	11	916	R43B22 3	091	022	SY	P173	88	916	00008–00011
W125	J141	12	916	E1K24 3ORN	091	024	RC	P173	51	916	00052–99999
W125	J141	12	916	E1K24 3ORN	091	024	XG	P173	51	916	00012–00051
W125	J141	12	916	R44B22 3	091	022	SY	P173	89	916	00008–00011
W125	J141	13	916	E277D24 3BLU	091	024	RC	P173	52	916	00052–99999
W125	J141	13	916	E277D24 3BLU	091	024	XG	P173	52	916	00012–00051
W125	J141	14	916	E276D24 3WHT	091	024	RC	P173	50	916	00052–99999
W125	J141	14	916	E276D24 3WHT	091	024	XG	P173	50	916	00012–00051
W125	J141	15	916	L31A22N 3	106	022	SY	GS130		103	00008–00011
W125	J141	15	916	E30F24 3BLU	091	024	RC	P173	56	916	00052–99999
W125	J141	15	916	E30F24 3BLU	091	024	XG	P173	56	916	00012–00051
W125	J141	16	916	L33A22N 3	106	022	SY	GS130		103	00008–00011
W125	J141	16	916	E29F24 3WHT	091	024	RC	P173	55	916	00052–99999
W125	J141	16	916	E29F24 3WHT	091	024	XG	P173	55	916	00012–00051
W125	J141	17	916	L11E22 3	082	022	SY	P120	D	917	00008–00011
W125	J141	18	916	E281D22N 3	106	022	SY	GS132	E		00012–99999
W125	J141	18	916	L13E22 3	082	022	SY	P120	E	917	00008–00011
W125	J141	19	916	E98C24 3	091	024	GA	P173	8	916	00008–00011
W125	J141	20	916	R46A22 3	091	022	SY	P173	80	916	00008–00011
W125	J141	21	916	L33A22N 3	106	022	SY	GS132	D		00012–99999
W125	J141	21	916	R50A22 3	091	022	SY	P173	84	916	00008–00011
W125	J141	22	916	L13E22 3	082	022	SY	P120	E	917	00012–99999
W125	J141	22	916	R48A22 3	091	022	SY	P173	82	916	00008–00011
W125	J141	23	916	L11E22 3	082	022	SY	P120	D	917	00012–99999
W125	J141	23	916	R45F22 3	091	022	SY	P173	90	916	00008–00011
W125	J141	28	916	R47A22 3	091	022	SY	P173	81	916	00008–00011
W125	J141	30	916	E29F24 3WHT	091	024	RC	P173	55	916	00008–00011
W125	J141	31	916	R46A22 3	091	022	SY	A675TB1 –7	H		00012–99999
W125	J141	31	916	E18K24 3BLU	091	024	RC	P173	54	916	00008–00011
W125	J141	32	916	R47A22 3	091	022	SY	A675TB1 –7	M		00012–99999
W125	J141	32	916	E30F24 3ORN	091	024	RC	P173	56	916	00008–00011
W125	J141	33	916	R48A22 3	091	022	SY	A675TB1 –7	S		00012–99999
W125	J141	33	916	E276D24 3WHT	091	024	RC	P173	50	916	00008–00011

Table 16. W125 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W125	J141	34	916	R49A22 3	091	022	SY	A675TB1 –7	Z		00012–99999
W125	J141	34	916	E1K24 3BLU	091	024	RC	P173	51	916	00008–00011
W125	J141	35	916	R50A22 3	091	022	SY	A675TB1 –7	D		00012–99999
W125	J141	35	916	E277D24 3ORN	091	024	RC	P173	52	916	00008–00011
W125	J141	36	916	R37B22 3	091	022	SY	A675TB1 –6	H		00012–99999
W125	J141	37	916	R38B22 3	091	022	SY	A675TB1 –6	M		00012–99999
W125	J141	38	916	R43B22 3	091	022	SY	A675TB1 –6	S		00012–99999
W125	J141	39	916	R44B22 3	091	022	SY	A675TB1 –6	Z		00012–99999
W125	J141	40	916	R45F22 3	091	022	SY	A675TB1 –6	D		00012–99999
W125	J141	41	916	C41B22N 3	110	022	SY	GS114	M		00052–99999
W125	J141	41	916	E278D24 3	091	024	GA	P173	8	916	00012–00051
W125	J141	42	916	E139B24N 3	106	024	GA	GS130		103	00012–00051
W125	J141	42	916	C42B22 3	091	022	SY	P173	64	916	00052–99999
W125	J141	48	916	E18K24 3ORN	091	024	RC	P173	54	916	00052–99999
W125	J141	48	916	E18K24 3ORN	091	024	XG	P173	54	916	00012–00051
W125	J141	49	916	E274D24 3	006	024	ZZ	J141	SH 1	833	00012–00051
W125	J141	50	916	E275D24 3	006	024	ZZ	J141	SH 2	833	00012–00051
W125	J141	Case		E274D24 3	000	024	ZZ	J141	SH 1		00008–00011
W125	J141	Case	146	E274D24 3	006	024	ZZ	J141	SH 1	833	00052–99999
W125	J141	Case		E275D24 3	000	024	ZZ	J141	SH 2		00008–00011
W125	J141	Case	146	E275D24 3	006	024	ZZ	J141	SH 2	833	00052–99999
W125	J141	SH 1		E274D24 3	000	024	ZZ	J141	Case		00008–00011
W125	J141	SH 1	833	E274D24 3	006	024	ZZ	J141	49	916	00012–00051
W125	J141	SH 1	833	E274D24 3	006	024	ZZ	J141	Case	146	00052–99999
W125	J141	SH 2		E275D24 3	000	024	ZZ	J141	Case		00008–00011
W125	J141	SH 2	833	E275D24 3	006	024	ZZ	J141	50	916	00012–00051
W125	J141	SH 2	833	E275D24 3	006	024	ZZ	J141	Case	146	00052–99999
W125	J143	1	916	R21B24N 3	107	024	GA	GS101	H		00008–99999
W125	J143	2	916	R26B24N 3	107	024	GA	GS103	L		00008–99999
W125	J143	3	916	C1H22 3WHT	105	022	SM	P173	30	916	00008–99999
W125	J143	4	916	C11E22 3BLU	105	022	SM	P173	31	916	00008–99999
W125	J143	5	916	C12E22 3GRN	105	022	SM	P173	32	916	00008–99999
W125	J143	10	916	M20E22 3	103	022	SY	P175	R	918	00008–99999
W125	J143	11	916	M24H22 3	103	022	SY	P175	S	918	00008–99999
W125	J143	13	916	R22B24 3	105	024	GA	A675TB1 –2	F		00012–99999
W125	J143	13	916	R22B24 3	105	024	GA	P173	21	916	00008–00011
W125	J143	14	916	R25B24 3	105	024	GA	A675TB1 –2	B		00012–99999
W125	J143	14	916	R25B24 3	105	024	GA	P173	20	916	00008–00011
W125	J143	15	916	C9E22 3ORN	105	022	SM	P173	28	916	00008–99999
W125	J143	16	916	C10E22 3RED	105	022	SM	P173	29	916	00008–99999
W125	J143	Case		C13F22 3	000	022	ZZ	J143	SH 1		00008–99999

Table 16. W125 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W125	J143	SH 1		C13F22 3	000	022	ZZ	J143	Case		00008–99999
W125	J151	1	A11	R35A24 6WHT	191	024	RB	A675TB1 –3	K		00012–99999
W125	J151	1	A11	R35A24 6WHT	191	024	RB	P173	72	916	00008–00011
W125	J151	2	A11	R33A24 6WHT	191	024	RB	A675TB1 –3	B		00012–99999
W125	J151	2	A11	R33A24 6WHT	191	024	RB	P173	70	916	00008–00011
W125	J151	3	A11	R36A24 6BLU	191	024	RB	A675TB1 –3	P		00012–99999
W125	J151	3	A11	R36A24 6BLU	191	024	RB	P173	73	916	00008–00011
W125	J151	4	A11	R34A24 6BLU	191	024	RB	A675TB1 –3	F		00012–99999
W125	J151	4	A11	R34A24 6BLU	191	024	RB	P173	71	916	00008–00011
W125	J151	Case	145	R43A24 6	006	024	ZZ	J151	SH 1	833	00008–99999
W125	J151	Case	145	R44A24 6	006	024	ZZ	J151	SH 2	833	00008–99999
W125	J151	SH 1	833	R43A24 6	006	024	ZZ	J151	Case	145	00008–99999
W125	J151	SH 2	833	R44A24 6	006	024	ZZ	J151	Case	145	00008–99999
W125	J152	1	A11	R6A24 6WHT	190	024	RB	A675TB1 –1	J		00012–99999
W125	J152	1	A11	R6A24 6WHT	190	024	RB	P173	62	916	00008–00011
W125	J152	2	A11	R4A24 6WHT	190	024	RB	A675TB1 –1	A		00012–99999
W125	J152	2	A11	R4A24 6WHT	190	024	RB	P173	60	916	00008–00011
W125	J152	3	A11	R7A24 6BLU	190	024	RB	A675TB1 –1	N		00012–99999
W125	J152	3	A11	R7A24 6BLU	190	024	RB	P173	63	916	00008–00011
W125	J152	4	A11	R5A24 6BLU	190	024	RB	A675TB1 –1	E		00012–99999
W125	J152	4	A11	R5A24 6BLU	190	024	RB	P173	61	916	00008–00011
W125	J152	Case	145	R39A24 6	006	024	ZZ	J152	SH 1	833	00008–99999
W125	J152	Case	145	R40A24 6	006	024	ZZ	J152	SH 2	833	00008–99999
W125	J152	SH 1	833	R39A24 6	006	024	ZZ	J152	Case	145	00008–99999
W125	J152	SH 2	833	R40A24 6	006	024	ZZ	J152	Case	145	00008–99999
W125	J159	A	A11	R9A24 6BLU	191	024	RB	A675TB1 –3	E		00012–99999
W125	J159	A	A11	R9A24 6BLU	191	024	RB	P173	67	916	00008–00011
W125	J159	B	A11	R12A24 6WHT	191	024	RB	A675TB1 –3	J		00012–99999
W125	J159	B	A11	R12A24 6WHT	191	024	RB	P173	68	916	00008–00011
W125	J159	C	A11	R13A24 6BLU	191	024	RB	A675TB1 –3	N		00012–99999
W125	J159	C	A11	R13A24 6BLU	191	024	RB	P173	69	916	00008–00011
W125	J159	D	A11	R8A24 6WHT	191	024	RB	A675TB1 –3	A		00012–99999
W125	J159	D	A11	R8A24 6WHT	191	024	RB	P173	66	916	00008–00011
W125	J159	E	A11	R10A24 3	191	024	GA	A675TB1 –2	A		00012–00014
W125	J159	E	A11	R11A24 3	191	024	GA	A675TB1 –2	E		00015–99999
W125	J159	E	A11	R10A24 3	191	024	GA	P173	64	916	00008–00011
W125	J159	F	A11	R10A24 3	191	024	GA	A675TB1 –2	A		00015–99999
W125	J159	F	A11	R11A24 3	191	024	GA	A675TB1 –2	E		00012–00014
W125	J159	F	A11	R11A24 3	191	024	GA	P173	65	916	00008–00011
W125	J159	Case	145	R41A24 6	006	024	ZZ	J159	SH 1	833	00008–99999
W125	J159	Case	145	R42A24 6	006	024	ZZ	J159	SH 2	833	00008–99999

Table 16. W125 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W125	J159	SH 1	833	R41A24 6	006	024	ZZ	J159	Case	145	00008–99999
W125	J159	SH 2	833	R42A24 6	006	024	ZZ	J159	Case	145	00008–99999
W125	J201	A	A11	R17A24 6BLU	214	024	RB	A675TB1 –4	N		00012–99999
W125	J201	A	A11	R17A24 6BLU	214	024	RB	P173	77	916	00008–00011
W125	J201	B	A11	R14A24 6WHT	214	024	RB	A675TB1 –4	A		00012–99999
W125	J201	B	A11	R14A24 6WHT	214	024	RB	P173	74	916	00008–00011
W125	J201	C	A11	R15A24 6BLU	214	024	RB	A675TB1 –4	E		00012–99999
W125	J201	C	A11	R15A24 6BLU	214	024	RB	P173	75	916	00008–00011
W125	J201	D	A11	R16A24 6WHT	214	024	RB	A675TB1 –4	J		00012–99999
W125	J201	D	A11	R16A24 6WHT	214	024	RB	P173	76	916	00008–00011
W125	J201	E	A11	R18A24 3	214	024	GA	A675TB1 –2	N		00012–99999
W125	J201	E	A11	R18A24 3	214	024	GA	P173	78	916	00008–00011
W125	J201	F	A11	R19A24 3	214	024	GA	A675TB1 –2	T		00012–99999
W125	J201	F	A11	R19A24 3	214	024	GA	P173	79	916	00008–00011
W125	J201	Case	145	R52A24 6	006	024	ZZ	J201	SH 1	833	00008–99999
W125	J201	Case	145	R51A24 6	006	024	ZZ	J201	SH 2	833	00008–99999
W125	J201	SH 1	833	R52A24 6	006	024	ZZ	J201	Case	145	00008–99999
W125	J201	SH 2	833	R51A24 6	006	024	ZZ	J201	Case	145	00008–99999
W125	J302	1	916	W34B24 3	283	024	GA	P130	B	918	00008–99999
W125	J302	2	916	W40A22N 3	052	022	SY	GS301	C		00008–99999
W125	J302	3	916	W35B24 3	283	024	GA	P130	C	918	00008–99999
W125	J302	4	916	W41A22N 3	052	022	SY	GS303	E		00008–99999
W125	J302	5	916	W36B24 3	283	024	GA	P130	D	918	00008–99999
W125	J302	6	916	W42A22N 3	052	022	SY	GS305	A		00008–99999
W125	J302	7	916	W37B24 3	283	024	GA	P130	Y	918	00008–99999
W125	J302	8	916	W43A22N 3	052	022	SY	GS307	A		00008–99999
W125	J302	9	916	W38D24 3	249	024	GA	P173	22	916	00008–99999
W125	J302	10	916	W39D24N 3	052	024	GA	GS301	A		00008–99999
W125	J315	A	918	LVSCS6A22 5BLU	284	022	SJ	P159	ZZ	918	00012–99999
W125	J315	B	918	LVSCS7A22 5WHT	284	022	SJ	P159	ZW	918	00012–00014
W125	J315	B	918	LVSCS7A22 5WHT	284	022	SJ	P159	ZW	918	00015–99999
W125	J315	C	918	LVSCS9A22 5WHT	284	022	SK	P159	ZT	918	00012–00014
W125	J315	C	918	LVSCS9A22 5WHT	284	022	SK	P159	ZT	918	00015–99999
W125	J315	D	918	LVSCS10A22 5BLU	284	022	SK	P159	ZU	918	00012–99999
W125	J315	E	918	LVSCS11A22 5ORN	284	022	SK	P159	ZV	918	00012–99999
W125	J315	F	918	LVSCS13A20N 3	085	020	SY	GS306	M		00012–99999
W125	J315	J	918	LVSCS3A20 3	410	020	SY	P131	18	765	00012–99999
W125	J315	K	918	LVSCS12A20N 3	062	020	SY	GS306	L		00012–99999
W125	J315	L	918	LVSCS4A20 3	410	020	SY	P131	20	765	00012–99999
W125	J315	N	918	LVSCS40D22 5	006	022	ZZ	J315	SH 1	830	00012–99999
W125	J315	P	918	LVSCS8A22 5BLU	284	022	SJ	P159	ZX	918	00012–99999

Table 16. W125 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W125	J315	R	918	LVSCS42D22 5	006	022	ZZ	J315	SH 3	830	00012–99999
W125	J315	S	918	LVSCS5A22 5WHT	284	022	SJ	P159	ZY	918	00012–00014
W125	J315	S	918	LVSCS5A22 5WHT	284	022	SJ	P159	ZY	918	00015–99999
W125	J315	U	918	LVSCS41D22 5	006	022	ZZ	J315	SH 2	830	00012–99999
W125	J315	SH 1	830	LVSCS40D22 5	006	022	ZZ	J315	N	918	00012–99999
W125	J315	SH 2	830	LVSCS41D22 5	006	022	ZZ	J315	U	918	00012–99999
W125	J315	SH 3	830	LVSCS42D22 5	006	022	ZZ	J315	R	918	00012–99999
W125	J390	A	918	T55B24 5WHT	274	024	RD	P173	39	916	00008–99999
W125	J390	B	918	T54B24 5BLU	274	024	RD	P173	38	916	00008–99999
W125	J390	C	918	T53B24 5ORN	274	024	RD	P173	37	916	00008–99999
W125	J390	D	918	T52B24 5GRN	274	024	RD	P173	36	916	00008–99999
W125	J390	G	918	T50B24 4WHT	274	024	RB	P173	34	916	00008–99999
W125	J390	K	918	T51B24 4BLU	274	024	RB	P173	35	916	00008–99999
W125	J390	Case		T84C24 5	000	024	ZZ	J390	SH 1		00008–99999
W125	J390	Case		T85C24 5	000	024	ZZ	J390	SH 2		00008–99999
W125	J390	SH 1		T84C24 5	000	024	ZZ	J390	Case		00008–99999
W125	J390	SH 2		T85C24 5	000	024	ZZ	J390	Case		00008–99999
W125	J473	A		W16B20 5	067	020	SY	P379	H	917	00008–99999
W125	J479	B		W17B20 5	067	020	SY	P379	J	917	00008–99999
W125	J600	A 1	955	M15B22 5WHT	114	022	SL	P175	J	918	00008–99999
W125	J600	A 2	955	M16B22 5BLU	114	022	SL	P175	K	918	00008–99999
W125	J600	A 3	955	M17B22 5ORN	114	022	SL	P175	L	918	00008–99999
W125	J600	A 4	955	M18B22 5GRN	114	022	SL	P175	M	918	00008–99999
W125	J600	B 1	957	M23C16 3	010	016	SY	J600 SP1			00008–99999
W125	J600	B 2	957	M24B16 3	010	016	SY	J600 SP2			00008–99999
W125	J600	B 3	955	M19C22 3	114	022	SY	P175	N	918	00008–99999
W125	J600	B 4	955	M20F22 3	114	022	SY	P175	P	918	00008–99999
W125	J600 SP1			M23C16 3	010	016	SY	J600	B 1	957	00008–99999
W125	J600 SP1			M23B22 3	218	022	SY	P375	25	915	00008–99999
W125	J600 SP2			M24B16 3	010	016	SY	J600	B 2	957	00008–99999
W125	J600 SP2			M24C22 3	114	022	SY	P175	T	918	00008–99999
W125	J600	Case	102	M21C22 5	006	022	ZZ	J600	SH 1	833	00008–99999
W125	J600	SH 1	833	M21C22 5	006	022	ZZ	J600	Case	102	00008–99999
W125	P100	1	764	L16B20 3WHT	125	020	SB	A642DS2	POS		00045–99999
W125	P100	2	764	L17A20 3BLU	125	020	SB	A642DS2	NEG		00045–99999
W125	P100	15	768	L14B12 3WHT	125	012	SB	A642DS1	POS		00045–99999
W125	P100	19	768	L15A12 3BLU	125	012	SB	A642DS1	NEG		00045–99999
W125	P119	A 1	955	Q32B22 5WHT	094	022	SJ	P173	23	916	00008–99999
W125	P119	A 2	955	Q33B22 5BLU	094	022	SJ	P173	24	916	00008–99999
W125	P119	A 3	955	Q20C22 5	094	022	SY	P173	14	916	00052–99999
W125	P119	A 4	955	Q6E22 3	145	022	SY	P131	6	765	00008–99999

Table 16. W125 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W125	P119	A 5	955	Q9E22N 3	096	022	SY	GS105	G		00008–99999
W125	P119	A 6	955	Q51B22 3	200	022	SY	P375	6	915	00052–99999
W125	P119	A 7	955	Q52B22N 3	096	022	SY	GS112	K		00052–99999
W125	P119	A 8	955	Q34C22 5	006	022	ZZ	P119	SH 1	830	00008–99999
W125	P119	B 1	957	Q12B16 3	128	016	SY	P130	W	922	00008–99999
W125	P119	SH 1	830	Q34C22 5	006	022	ZZ	P119	A 8	955	00008–99999
W125	P120	D	917	L11E22 3	082	022	SY	J141	17	916	00008–00011
W125	P120	D	917	L11E22 3	082	022	SY	J141	23	916	00012–99999
W125	P120	E	917	L13E22 3	082	022	SY	J141	18	916	00008–00011
W125	P120	E	917	L13E22 3	082	022	SY	J141	22	916	00012–99999
W125	P120	F	917	P35B22 3	032	022	SY	P173	43	916	00008–99999
W125	P120	G	917	P27B22 3	032	022	SY	P173	42	916	00008–99999
W125	P120	H	917	P13B24 3	246	024	GA	P375	19	915	00008–99999
W125	P120	J	917	P34B24 3	246	024	GA	P375	20	915	00008–99999
W125	P120	K	917	P39B24 3	246	024	GA	P375	22	915	00008–99999
W125	P120	L	917	P37B24 3	032	024	GA	P173	41	916	00008–99999
W125	P120	N	917	P36B24 3	032	024	GA	P173	40	916	00008–99999
W125	P121	A	918	L42B22 3	047	022	SY	P131	12	765	00008–99999
W125	P121	B	918	L138A22 3	063	022	SY	P173	93	916	00012–99999
W125	P121	C	918	L77A22N 3	067	022	SY	GS101	M		00008–99999
W125	P121	E	918	L41B20 3	298	020	SY	P379	F	917	00008–99999
W125	P121	F	918	L85A20 3	063	020	SY	P175	A	918	00008–99999
W125	P121	G	918	L76A20N 3	067	020	SY	GS103	B		00008–99999
W125	P121	J	918	L67B24 3	035	024	GA	P129	ZC	918	00008–99999
W125	P121	K	918	L66B24 3	035	024	GA	P129	ZH	918	00008–99999
W125	P121	L	918	L65B24 3	035	024	GA	P129	ZG	918	00008–99999
W125	P121	M	918	L62B24 3	035	024	GA	P129	ZF	918	00008–99999
W125	P121	N	918	L63B24 3	035	024	GA	P129	ZE	918	00008–99999
W125	P121	R	918	L64B24 3	035	024	GA	P129	ZD	918	00008–99999
W125	P129	A	918	P1E22 3	303	022	SY	P341	ZS	918	00008–99999
W125	P129	L	918	P4A22 3	291	022	SY	P341	ZC	918	00008–99999
W125	P129	M	918	P5A22 3	291	022	SY	P341	K	918	00008–99999
W125	P129	N	918	P6A22 3	291	022	SY	P341	ZV	918	00008–99999
W125	P129	P	918	P1B22 3	048	022	SY	P131	2	765	00008–99999
W125	P129	R	918	P3A22 3	291	022	SY	P341	ZD	918	00008–99999
W125	P129	S	918	P15B22N 3	068	022	SY	GS103	J		00008–99999
W125	P129	T	918	P16B24N 3	068	024	GA	GS103	K		00008–99999
W125	P129	U	918	P14B24 3	293	024	GA	P375	9	915	00008–99999
W125	P129	V	918	L8E20 3	298	020	SY	P379	B	917	00008–99999
W125	P129	W	918	L8B20 3	298	020	SY	P379	A	917	00008–99999
W125	P129	X	918	L9B20 3	298	020	SY	P379	D	917	00008–99999

Table 16. W125 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W125	P129	Z	918	L43B22 3	293	022	SY	P375	23	915	00008–99999
W125	P129	ZA	918	L54C22N 3	068	022	SY	GS101	A		00008–99999
W125	P129	ZB	918	L46B22 3	066	022	SY	P173	44	916	00008–99999
W125	P129	ZC	918	L67B24 3	035	024	GA	P121	J	918	00008–99999
W125	P129	ZD	918	L64B24 3	035	024	GA	P121	R	918	00008–99999
W125	P129	ZE	918	L63B24 3	035	024	GA	P121	N	918	00008–99999
W125	P129	ZG	918	L65B24 3	035	024	GA	P121	L	918	00008–99999
W125	P129	ZH	918	L66B24 3	035	024	GA	P121	K	918	00008–99999
W125	P129	ZI	918	L52B24 3	063	024	GA	P173	48	916	00008–99999
W125	P129	ZJ	918	L51B24 3	063	024	GA	P173	47	916	00008–99999
W125	P129	ZK	918	L50B24 3	063	024	GA	P173	46	916	00008–99999
W125	P129	ZN	918	L131B22N 3	068	022	SY	GS101	B		00008–99999
W125	P129	ZP	918	L130B22 3	064	022	SY	P175	C	918	00008–99999
W125	P130	A	918	W31B22 2	290	022	SY	P375	24	915	00008–99999
W125	P130	B	918	W34B24 3	283	024	GA	J302	1	916	00008–99999
W125	P130	C	918	W35B24 3	283	024	GA	J302	3	916	00008–99999
W125	P130	D	918	W36B24 3	283	024	GA	J302	5	916	00008–99999
W125	P130	E	918	Q3B22 3	057	022	SY	P131	3	765	00008–00051
W125	P130	F	918	Q15B22 3	242	022	SY	P355	H	918	00008–00051
W125	P130	G	918	Q14B22 3	242	022	SY	P355	A	918	00008–00051
W125	P130	J	918	E1B24 3	062	024	GA	P173	1	916	00052–99999
W125	P130	J	918	E1B24 3ORN	062	024	XG	P173	1	916	00012–00051
W125	P130	J	918	E1B24 3WHT	062	024	RC	P173	1	916	00008–00011
W125	P130	K	918	E2B24 3	062	024	GA	P173	2	916	00052–99999
W125	P130	K	918	E2B24 3BLU	062	024	RC	P173	2	916	00008–00011
W125	P130	K	918	E2B24 3BLU	062	024	XG	P173	2	916	00012–00051
W125	P130	L	918	E3B24 3	062	024	GA	P173	3	916	00052–99999
W125	P130	L	918	E3B24 3ORN	062	024	RC	P173	3	916	00008–00011
W125	P130	L	918	E3B24 3WHT	062	024	XG	P173	3	916	00012–00051
W125	P130	M	918	E4B24 3	062	024	GA	P173	4	916	00052–99999
W125	P130	M	918	E4B24 3WHT	062	024	RC	P173	4	916	00008–00011
W125	P130	M	918	E4B24 3WHT	062	024	XG	P173	4	916	00012–00051
W125	P130	H	918	E15B22N 3	068	024	RB	J152	3	A11	00012–99999
W125	P130	N	918	E5B24 3	062	024	GA	P173	5	916	00052–99999
W125	P130	N	918	E5B24 3BLU	062	024	RC	P173	5	916	00008–00011
W125	P130	N	918	E5B24 3BLU	062	024	XG	P173	5	916	00012–00051
W125	P130	P	918	E6B24 3	062	024	GA	P173	6	916	00052–99999
W125	P130	P	918	E6B24 3ORN	062	024	RC	P173	6	916	00008–00011
W125	P130	P	918	E6B24 3ORN	062	024	XG	P173	6	916	00012–00051
W125	P130	R	918	E9B24 3	290	024	GA	P375	1	915	00008–99999
W125	P130	S	918	E65B24 3	062	024	GA	P173	7	916	00008–99999

Table 16. W125 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W125	P130	T	918	E16B22 3	100	022	SY	S101	C	115	00008–99999
W125	P130	U	918	Q16D22 3	288	022	SY	P353	A	918	00008–99999
W125	P130	V	918	Q17C22 3	288	022	SY	P353	H	918	00008–99999
W125	P130	W	922	Q12B16 3	128	016	SY	P119	B 1	957	00008–99999
W125	P130	X	918	Q4B22 3	057	022	SY	P131	4	765	00008–99999
W125	P130	Y	918	W37B24 3	283	024	GA	J302	7	916	00008–99999
W125	P130	Z	922	Q1B16 3	293	016	SY	P379	C	924	00008–99999
W125	P130	Case		E25D24 3	000	024	ZZ	P130	SH 1		00008–00011
W125	P130	Case		E24D24 3	000	024	ZZ	P130	SH 2		00008–00011
W125	P130	SH 1		E25D24 3	000	024	ZZ	P130	Case		00008–00011
W125	P130	SH 2		E24D24 3	000	024	ZZ	P130	Case		00008–00011
W125	P131	1	765	W1B22 3	305	022	SY	P375	26	915	00008–99999
W125	P131	2	765	P1B22 3	048	022	SY	P129	P	918	00008–99999
W125	P131	3	765	Q3B22 3	057	022	SY	P130	E	918	00008–00051
W125	P131	4	765	Q4B22 3	057	022	SY	P130	X	918	00008–99999
W125	P131	5	765	L120B22 3	079	022	SY	P175	D	918	00008–99999
W125	P131	6	765	Q6E22 3	145	022	SY	P119	A 4	955	00008–99999
W125	P131	7	765	L117B22 3	079	022	SY	P175	B	918	00008–99999
W125	P131	8	765	L118B22N 3	080	022	SY	GS101	C		00008–99999
W125	P131	9	765	P77A22N 3	080	022	SY	GS101	G		00008–99999
W125	P131	10	765	LVSCS1B20 3	130	020	SY	P159	GG	918	00012–99999
W125	P131	11	765	E137B22 3	305	022	SY	P375	2	915	00008–99999
W125	P131	12	765	L42B22 3	047	022	SY	P121	A	918	00008–99999
W125	P131	13	765	KT702B22 3	078	022	SY	P173	57	916	00008–00009
W125	P131	15	769	P31A12 3	100	012	SY	A610CB1	1		00008–00011
W125	P131	15	769	P31A12 3	100	012	SY	A610CB1	1	261	00012–00051
W125	P131	18	765	LVSCS3A20 3	410	020	SY	J315	J	918	00012–99999
W125	P131	19	769	L10C12 3	100	012	SY	A610K5	A 1	261	00035–00051
W125	P131	20	765	LVSCS4A20 3	410	020	SY	J315	L	918	00012–99999
W125	P131	22	765	R20B22 3	078	022	SY	A675TB1 –5	T		00012–99999
W125	P131	22	765	R20B22 3	078	022	SY	P173	19	916	00008–00011
W125	P159			LVSCS33A22 3	094	022	SH	P173	58	916	00015–00051
W125	P159	M	918	LVSCS43A22N 5	075	022	SY	GS105	M		00012–99999
W125	P159	N	918	LVSCS33A22 3	094	022	SH	P173	58	916	00012–00014
W125	P159	ZA	918	LVSCS32D22 3	094	022	SY	P173	97	916	00012–99999
W125	P159	ZB	918	LVSCS45A22 3	094	022	SY	P173	62	916	00052–99999
W125	P159	ZC	918	LVSCS21C24 5	010	024	GA	P159 SP1			00012–99999
W125	P159	ZD	918	LVSCS22A24 5BLU	016	024	XF	P165	F	765	00012–00014
W125	P159	ZD	918	E6B24 3ORN	062	024	XG	P173	6	916	00012–00051
W125	P159	ZE	918	LVSCS24A24 5WHT	016	024	XF	P165	E	765	00012–00014
W125	P159	ZE	918	LVSCS24A24 5WHT	040	024	XF	P165	E	765	00015–99999

Table 16. W125 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W125	P159	ZF	918	LVSCS20A24 5WHT	016	024	XF	P165	D	765	00012–00014
W125	P159	ZF	918	LVSCS20A24 5WHT	040	024	XF	P165	D	765	00015–99999
W125	P159	ZG	918	LVSCS21B24 5	010	024	GA	P159 SP1			00012–99999
W125	P159	ZH	918	LVSCS15A24 5	010	024	GA	P159	ZK	918	00015–00051
W125	P159	ZH	918	LVSCS15A24 5WHT	014	024	XF	P163	G	765	00012–00051
W125	P159	ZH	918	LVSCS15A24 5WHT	014	024	XF	P163	G	765	00052–99999
W125	P159	ZK	918	LVSCS16A24 5BLU	014	024	XF	P163 SP1			00012–99999
W125	P159	ZK	918	LVSCS15A24 5	010	024	GA	P159	ZH	918	00015–00051
W125	P159	ZM	918	LVSCS17A24 5WHT	014	024	XF	P163	A	765	00012–99999
W125	P159	ZN	918	LVSCS18A24 5BLU	014	024	XF	P163	E	765	00012–99999
W125	P159	ZP	918	LVSCS25C22 5BLU	110	022	SK	A674TB1	N		00012–99999
W125	P159	ZQ	918	LVSCS25A22 5WHT	110	022	SK	A674TB1	C		00015–99999
W125	P159	ZQ	918	LVSCS25A24 5WHT	110	024	XG	A674TB1	C		00012–00014
W125	P159	ZR	918	LVSCS25E22 5ORN	110	022	SK	A674TB1	R		00012–99999
W125	P159	ZS	918	LVSCS14A22N 3	075	022	SY	GS105	A		00012–99999
W125	P159	ZT	918	LVSCS9A22 5WHT	284	022	SK	J315	C	918	00012–00014
W125	P159	ZT	918	LVSCS9A22 5WHT	284	022	SK	J315	C	918	00015–99999
W125	P159	ZU	918	LVSCS10A22 5BLU	284	022	SK	J315	D	918	00012–99999
W125	P159	ZV	918	LVSCS11A22 5ORN	284	022	SK	J315	E	918	00012–99999
W125	P159	ZW	918	LVSCS7A22 5WHT	284	022	SJ	J315	B	918	00012–00014
W125	P159	ZW	918	LVSCS7A22 5WHT	284	022	SJ	J315	B	918	00015–99999
W125	P159	ZX	918	LVSCS8A22 5BLU	284	022	SJ	J315	P	918	00012–99999
W125	P159	ZY	918	LVSCS5A22 5WHT	284	022	SJ	J315	S	918	00012–00014
W125	P159	ZY	918	LVSCS5A22 5WHT	284	022	SJ	J315	S	918	00015–99999
W125	P159	ZZ	918	LVSCS6A22 5BLU	284	022	SJ	J315	A	918	00012–99999
W125	P159	CC	918	LVSCS29A22 3	094	022	SY	P173	94	916	00012–99999
W125	P159	DD	918	LVSCS27A22 3	094	022	SY	P173	95	916	00012–99999
W125	P159	EE	918	T125A24 3	094	024	GA	P173	92	916	00012–99999
W125	P159	FF	918	LVSCS30A22 3	094	022	SY	P173	96	916	00012–99999
W125	P159	GG	918	LVSCS1B20 3	130	020	SY	P131	10	765	00012–99999
W125	P159	HH	918	LVSCS2A20N 3	075	020	SY	GS103	M		00012–99999
W125	P159 SP1			LVSCS21A24 5BLU	016	024	XF	P165	C	765	00012–00014
W125	P159 SP1			LVSCS21A24 5BLU	040	024	XF	P165	C	765	00015–99999
W125	P159 SP1			LVSCS21B24 5	010	024	GA	P159	ZG	918	00012–99999
W125	P159 SP1			LVSCS21C24 5	010	024	GA	P159	ZC	918	00012–99999
W125	P159	Case		LVSCS40E22 5	000	022	ZZ	P159	SH 1		00012–00014
W125	P159	Case		LVSCS40E22 5	006	022	ZZ	P159	SH 1	894	00015–99999
W125	P159	Case		LVSCS41E22 5	000	022	ZZ	P159	SH 2		00012–00014
W125	P159	Case		LVSCS42E22 5	000	022	ZZ	P159	SH 3		00012–00014
W125	P159	Case		LVSCS26A22 5	000	022	ZZ	P159	SH 4		00012–00014
W125	P159	Case		LVSCS44A22 3	000	022	ZZ	P159	SH 5		00012–00014

Table 16. W125 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W125	P159	SH 1		LVSCS40E22 5	000	022	ZZ	P159	Case		00012–00014
W125	P159	SH 1	894	LVSCS40E22 5	006	022	ZZ	P159	Case		00015–99999
W125	P159	SH 1		LVSCS41E22 5	006	022	ZZ	P159	SH 2	830	00015–99999
W125	P159	SH 2		LVSCS41E22 5	000	022	ZZ	P159	Case		00012–00014
W125	P159	SH 2	830	LVSCS41E22 5	006	022	ZZ	P159	SH 1		00015–99999
W125	P159	SH 2		LVSCS42E22 5	006	022	ZZ	P159	SH 3	830	00015–99999
W125	P159	SH 3	830	LVSCS42E22 5	006	022	ZZ	P159	SH 2		00015–99999
W125	P159	SH 3		LVSCS42E22 5	006	022	SY	P600 A–R1			00052–99999
W125	P159	SH 3		LVSCS26A22 5	006	022	ZZ	P159	SH 4	830	00015–99999
W125	P159	SH 4		LVSCS26A22 5	000	022	ZZ	P159	Case		00012–00014
W125	P159	SH 4	830	LVSCS26A22 5	006	022	ZZ	P159	SH 3		00015–99999
W125	P159	SH 4		LVSCS44A22 3	006	022	ZZ	P159	SH 5	830	00015–00051
W125	P159	SH 5		LVSCS44A22 3	000	022	ZZ	P159	Case		00012–00014
W125	P159	SH 5	830	LVSCS44A22 3	006	022	ZZ	P159	SH 4		00015–00051
W125	P163	A	765	LVSCS17A24 5WHT	014	024	XF	P159	ZM	918	00012–99999
W125	P163	C	765	LVSCS16B22 5	010	022	SY	P163 SP1			00012–99999
W125	P163	E	765	LVSCS18A24 5BLU	014	024	XF	P159	ZN	918	00012–99999
W125	P163	G	765	LVSCS15A24 5WHT	014	024	XF	P159	ZH	918	00012–00051
W125	P163	G	765	LVSCS15A24 5WHT	014	024	XF	P159	ZH	918	00052–99999
W125	P163	J	765	LVSCS16C22 5	010	022	SY	P163 SP1			00012–99999
W125	P163 SP1			LVSCS16A24 5BLU	014	024	XF	P159	ZK	918	00012–99999
W125	P163 SP1			LVSCS16B22 5	010	022	SY	P163	C	765	00012–99999
W125	P163 SP1			LVSCS16C22 5	010	022	SY	P163	J	765	00012–99999
W125	P163	SH 1	833	LVSCS35A22 5	006	022	ZZ	P163	SH 2		00012–99999
W125	P163	SH 2	818	LVSCS35B22N 5	075	022	SY	GS101	K		00012–99999
W125	P163	SH 2		LVSCS35A22 5	006	022	ZZ	P163	SH 1	833	00012–99999
W125	P165	B	765	LVSCS23A22N 3	075	022	SH	GS105	B		00012–00014
W125	P165	B	765	LVSCS23A22N 3	075	022	SH	GS105	B		00015–99999
W125	P165	C	765	LVSCS21A24 5BLU	016	024	XF	P159 SP1			00012–00014
W125	P165	C	765	LVSCS21A24 5BLU	040	024	XF	P159 SP1			00015–99999
W125	P165	D	765	LVSCS20A24 5WHT	016	024	XF	P159	ZF	918	00012–00014
W125	P165	D	765	LVSCS20A24 5WHT	040	024	XF	P159	ZF	918	00015–99999
W125	P165	E	765	LVSCS24A24 5WHT	016	024	XF	P159	ZE	918	00012–00014
W125	P165	E	765	LVSCS24A24 5WHT	040	024	XF	P159	ZE	918	00015–99999
W125	P165	F	765	LVSCS22A24 5BLU	016	024	XF	P159	ZD	918	00012–00014
W125	P165	F	765	LVSCS22A24 5BLU	040	024	XF	P159	ZD	918	00015–99999
W125	P165	Case	102	LVSCS31D22 3	006	022	ZZ	P165	SH 3	830	00012–00014
W125	P165	Case		LVSCS31D22 3	006	022	ZZ	P165	SH 3	893	00015–99999
W125	P165	SH 1	833	LVSCS31A22 5	006	022	ZZ	P165	SH 2		00012–99999
W125	P165	SH 2	818	LVSCS31B22N 5	075	022	SY	GS100	D		00012–99999
W125	P165	SH 2		LVSCS31A22 5	006	022	ZZ	P165	SH 1	833	00012–99999

Table 16. W125 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W125	P165	SH 3	830	LVSCS31D22 3	006	022	ZZ	P165	Case	102	00012–00014
W125	P165	SH 3	893	LVSCS31D22 3	006	022	ZZ	P165	Case		00015–99999
W125	P173	1	916	E1B24 3	062	024	GA	P130	J	918	00052–99999
W125	P173	1	916	E1B24 3ORN	062	024	XG	P130	J	918	00012–00051
W125	P173	1	916	E1B24 3WHT	062	024	RC	P130	J	918	00008–00011
W125	P173	2	916	E2B24 3	062	024	GA	P130	K	918	00052–99999
W125	P173	2	916	E2B24 3BLU	062	024	RC	P130	K	918	00008–00011
W125	P173	2	916	E2B24 3BLU	062	024	XG	P130	K	918	00012–00051
W125	P173	3	916	E3B24 3	062	024	GA	P130	L	918	00052–99999
W125	P173	3	916	E3B24 3ORN	062	024	RC	P130	L	918	00008–00011
W125	P173	3	916	E3B24 3WHT	062	024	XG	P130	L	918	00012–00051
W125	P173	4	916	E4B24 3	062	024	GA	P130	M	918	00052–99999
W125	P173	4	916	E4B24 3WHT	062	024	RC	P130	M	918	00008–00011
W125	P173	4	916	E4B24 3WHT	062	024	XG	P130	M	918	00012–00051
W125	P173	5	916	E5B24 3	062	024	GA	P130	N	918	00052–99999
W125	P173	5	916	E5B24 3BLU	062	024	RC	P130	N	918	00008–00011
W125	P173	5	916	E5B24 3BLU	062	024	XG	P130	N	918	00012–00051
W125	P173	6	916	E6B24 3	062	024	GA	P130	P	918	00052–99999
W125	P173	6	916	E6B24 3ORN	062	024	RC	P130	P	918	00008–00011
W125	P173	6	916	E6B24 3ORN	062	024	XG	P130	P	918	00012–00051
W125	P173	7	916	E65B24 3	062	024	GA	P130	S	918	00008–99999
W125	P173	8	916	E278D24 3	091	024	GA	J141	41	916	00012–00051
W125	P173	8	916	E98C24 3	091	024	GA	J141	19	916	00008–00011
W125	P173	9	916	C40A22 3	091	022	SY	J141	5	916	00012–99999
W125	P173	10	916	E279D24 3	091	024	GA	J141	10	916	00012–99999
W125	P173	10	916	E97D24 3	091	024	GA	J141	5	916	00008–00011
W125	P173	11	916	C41A22 3	091	022	SY	J141	6	916	00012–99999
W125	P173	12	916	E280F22 3	091	022	SY	J141	11	916	00012–99999
W125	P173	13	916	E94D24 3	091	024	GA	J141	7	916	00008–00011
W125	P173	13	916	E94D24 3	091	024	GA	J141	9	916	00012–99999
W125	P173	14	916	Q20A22 3	207	022	SY	P355	C	918	00008–00051
W125	P173	14	916	Q20C22 5	094	022	SY	P119	A 3	955	00052–99999
W125	P173	15	916	Q21A22 3	207	022	SY	P355	E	918	00008–00051
W125	P173	16	916	Q22B22 3	180	022	SY	P351	A	918	00008–99999
W125	P173	17	916	Q25B22 3	254	022	SY	P353	E	918	00008–99999
W125	P173	18	916	Q26B22 3	254	022	SY	P353	C	918	00008–99999
W125	P173	19	916	R20B22 3	078	022	SY	P131	22	765	00008–00011
W125	P173	19	916	E25C24 3	006	024	ZZ	P173	SH 1	833	00012–00051
W125	P173	20	916	R25B24 3	105	024	GA	J143	14	916	00008–00011
W125	P173	20	916	E24C24 3	006	024	ZZ	P173	SH 2	833	00012–00051
W125	P173	21	916	R22B24 3	105	024	GA	J143	13	916	00008–00011

Table 16. W125 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W125	P173	22	916	W38D24 3	249	024	GA	J302	9	916	00008–99999
W125	P173	23	916	Q32B22 5WHT	094	022	SJ	P119	A 1	955	00008–99999
W125	P173	24	916	Q33B22 5BLU	094	022	SJ	P119	A 2	955	00008–99999
W125	P173	25	916	KRA4053B22 3	256	022	SY	P375	3	915	00008–00009
W125	P173	26	916	C3G22 3	091	022	SY	J141	1	916	00012–99999
W125	P173	26	916	C3G22 3	091	022	SY	J141	2	916	00008–00011
W125	P173	27	916	C2H22 3	091	022	SY	J141	2	916	00012–99999
W125	P173	27	916	C2H22 3	091	022	SY	J141	3	916	00008–00011
W125	P173	28	916	C9E22 3ORN	105	022	SM	J143	15	916	00008–99999
W125	P173	29	916	C10E22 3RED	105	022	SM	J143	16	916	00008–99999
W125	P173	30	916	C1H22 3WHT	105	022	SM	J143	3	916	00008–99999
W125	P173	30	916	C1H22 3WHT	105	022	SM	J143	3	916	00008–99999
W125	P173	31	916	C11E22 3BLU	105	022	SM	J143	4	916	00008–99999
W125	P173	32	916	C12E22 3GRN	105	022	SM	J143	5	916	00008–99999
W125	P173	33	916	T4A24 5	150	024	GA	S201 SP1			00008–99999
W125	P173	34	916	T50B24 4WHT	274	024	RB	J390	G	918	00008–99999
W125	P173	35	916	T51B24 4BLU	274	024	RB	J390	K	918	00008–99999
W125	P173	36	916	T52B24 5GRN	274	024	RD	J390	D	918	00008–99999
W125	P173	37	916	T53B24 5ORN	274	024	RD	J390	C	918	00008–99999
W125	P173	38	916	T54B24 5BLU	274	024	RD	J390	B	918	00008–99999
W125	P173	39	916	T55B24 5WHT	274	024	RD	J390	A	918	00008–99999
W125	P173	40	916	P36B24 3	032	024	GA	P120	N	917	00008–99999
W125	P173	41	916	P37B24 3	032	024	GA	P120	L	917	00008–99999
W125	P173	42	916	P27B22 3	032	022	SY	P120	G	917	00008–99999
W125	P173	43	916	P35B22 3	032	022	SY	P120	F	917	00008–99999
W125	P173	44	916	L46B22 3	066	022	SY	P129	ZB	918	00008–99999
W125	P173	46	916	L50B24 3	063	024	GA	P129	ZK	918	00008–99999
W125	P173	47	916	L51B24 3	063	024	GA	P129	ZJ	918	00008–99999
W125	P173	48	916	L52B24 3	063	024	GA	P129	ZI	918	00008–99999
W125	P173	50	916	E276D24 3WHT	091	024	RC	J141	14	916	00052–99999
W125	P173	50	916	E276D24 3WHT	091	024	RC	J141	33	916	00008–00011
W125	P173	50	916	E276D24 3WHT	091	024	XG	J141	14	916	00012–00051
W125	P173	51	916	E1K24 3BLU	091	024	RC	J141	34	916	00008–00011
W125	P173	51	916	E1K24 3ORN	091	024	RC	J141	12	916	00052–99999
W125	P173	51	916	E1K24 3ORN	091	024	XG	J141	12	916	00012–00051
W125	P173	52	916	E277D24 3BLU	091	024	RC	J141	13	916	00052–99999
W125	P173	52	916	E277D24 3BLU	091	024	XG	J141	13	916	00012–00051
W125	P173	52	916	E277D24 3ORN	091	024	RC	J141	35	916	00008–00011
W125	P173	54	916	E18K24 3BLU	091	024	RC	J141	31	916	00008–00011
W125	P173	54	916	E18K24 3ORN	091	024	RC	J141	48	916	00052–99999
W125	P173	54	916	E18K24 3ORN	091	024	XG	J141	48	916	00012–00051

Table 16. W125 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W125	P173	55	916	E29F24 3WHT	091	024	RC	J141	16	916	00052–99999
W125	P173	55	916	E29F24 3WHT	091	024	RC	J141	30	916	00008–00011
W125	P173	55	916	E29F24 3WHT	091	024	XG	J141	16	916	00012–00051
W125	P173	56	916	E30F24 3BLU	091	024	RC	J141	15	916	00052–99999
W125	P173	56	916	E30F24 3BLU	091	024	XG	J141	15	916	00012–00051
W125	P173	56	916	E30F24 3ORN	091	024	RC	J141	32	916	00008–00011
W125	P173	57	916	KT702B22 3	078	022	SY	P131	13	765	00008–00009
W125	P173	58	916	LVSCS33A22 3	094	022	SH	P159			00015–00051
W125	P173	58	916	LVSCS33A22 3	094	022	SH	P159	N	918	00012–00014
W125	P173	60	916	R4A24 6WHT	190	024	RB	J152	2	A11	00008–00011
W125	P173	60	916	E274C24 3	006	024	ZZ	P173	SH15	833	00012–00051
W125	P173	61	916	R5A24 6BLU	190	024	RB	J152	4	A11	00008–00011
W125	P173	61	916	E275C24 3	006	024	ZZ	P173	SH16	833	00012–00051
W125	P173	62	916	R6A24 6WHT	190	024	RB	J152	1	A11	00008–00011
W125	P173	62	916	LVSCS45A22 3	094	022	SY	P159	ZB	918	00052–99999
W125	P173	63	916	R7A24 6BLU	190	024	RB	J152	3	A11	00008–00011
W125	P173	64	916	C42B22 3	091	022	SY	J141	42	916	00052–99999
W125	P173	64	916	R10A24 3	191	024	GA	J159	E	A11	00008–00011
W125	P173	65	916	R11A24 3	191	024	GA	J159	F	A11	00008–00011
W125	P173	66	916	R8A24 6WHT	191	024	RB	J159	D	A11	00008–00011
W125	P173	67	916	R9A24 6BLU	191	024	RB	J159	A	A11	00008–00011
W125	P173	68	916	R12A24 6WHT	191	024	RB	J159	B	A11	00008–00011
W125	P173	69	916	R13A24 6BLU	191	024	RB	J159	C	A11	00008–00011
W125	P173	70	916	R33A24 6WHT	191	024	RB	J151	2	A11	00008–00011
W125	P173	71	916	R34A24 6BLU	191	024	RB	J151	4	A11	00008–00011
W125	P173	72	916	R35A24 6WHT	191	024	RB	J151	1	A11	00008–00011
W125	P173	73	916	R36A24 6BLU	191	024	RB	J151	3	A11	00008–00011
W125	P173	74	916	R14A24 6WHT	214	024	RB	J201	B	A11	00008–00011
W125	P173	75	916	R15A24 6BLU	214	024	RB	J201	C	A11	00008–00011
W125	P173	76	916	R16A24 6WHT	214	024	RB	J201	D	A11	00008–00011
W125	P173	77	916	R17A24 6BLU	214	024	RB	J201	A	A11	00008–00011
W125	P173	78	916	R18A24 3	214	024	GA	J201	E	A11	00008–00011
W125	P173	79	916	R19A24 3	214	024	GA	J201	F	A11	00008–00011
W125	P173	80	916	R46A22 3	091	022	SY	J141	20	916	00008–00011
W125	P173	81	916	R47A22 3	091	022	SY	J141	28	916	00008–00011
W125	P173	82	916	R48A22 3	091	022	SY	J141	22	916	00008–00011
W125	P173	83	916	R49A22 3	091	022	SY	J141	8	916	00008–00011
W125	P173	84	916	R50A22 3	091	022	SY	J141	21	916	00008–00011
W125	P173	85	916	R48D22N 3	030	022	SY	GS103	A		00008–99999
W125	P173	86	916	T5A24 3	154	024	GA	S202 SP1			00008–00011
W125	P173	87	916	R38B22 3	091	022	SY	J141	10	916	00008–00011

Table 16. W125 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W125	P173	88	916	R43B22 3	091	022	SY	J141	11	916	00008–00011
W125	P173	89	916	R44B22 3	091	022	SY	J141	12	916	00008–00011
W125	P173	90	916	R45F22 3	091	022	SY	J141	23	916	00008–00011
W125	P173	91	916	R37B22 3	091	022	SY	J141	9	916	00008–00011
W125	P173	92	916	T125A24 3	094	024	GA	P159	EE	918	00012–99999
W125	P173	93	916	L138A22 3	063	022	SY	P121	B	918	00012–99999
W125	P173	94	916	LVSCS29A22 3	094	022	SY	P159	CC	918	00012–99999
W125	P173	95	916	LVSCS27A22 3	094	022	SY	P159	DD	918	00012–99999
W125	P173	96	916	LVSCS30A22 3	094	022	SY	P159	FF	918	00012–99999
W125	P173	97	916	LVSCS32D22 3	094	022	SY	P159	ZA	918	00012–99999
W125	P173	Case		E25C24 3	000	024	ZZ	P173	SH 1		00008–00011
W125	P173	Case		E24C24 3	000	024	ZZ	P173	SH 2		00008–00011
W125	P173	Case		C13E22 3	000	022	ZZ	P173	SH 3		00008–99999
W125	P173	Case		T84D24 4	000	024	ZZ	P173	SH 4		00008–99999
W125	P173	Case		T85D24 5	000	024	ZZ	P173	SH 5		00008–99999
W125	P173	Case		Q34E22 2	000	022	ZZ	P173	SH 6		00008–99999
W125	P173	Case		LVSCS44B22 3	000	022	ZZ	P173	SH 7		00012–00051
W125	P173	Case		R39B24 6	000	024	ZZ	P173	SH 7		00008–00011
W125	P173	Case		R40B24 6	000	024	ZZ	P173	SH 8		00008–00011
W125	P173	Case		R41B24 6	000	024	ZZ	P173	SH 9		00008–00011
W125	P173	Case		R42B24 6	000	024	ZZ	P173	SH10		00008–00011
W125	P173	Case		E274C24 3	000	024	ZZ	P173	SH15		00008–00011
W125	P173	Case		E274C24 3	000	024	ZZ	P173	SH15		00052–99999
W125	P173	Case		E275C24 3	000	024	ZZ	P173	SH16		00008–00011
W125	P173	Case		E275C24 3	000	024	ZZ	P173	SH16		00052–99999
W125	P173	SH 1		E25C24 3	000	024	ZZ	P173	Case		00008–00011
W125	P173	SH 1	833	E25C24 3	006	024	ZZ	P173	19	916	00012–00051
W125	P173	SH 2		E24C24 3	000	024	ZZ	P173	Case		00008–00011
W125	P173	SH 2	833	E24C24 3	006	024	ZZ	P173	20	916	00012–00051
W125	P173	SH 3		C13E22 3	000	022	ZZ	P173	Case		00008–99999
W125	P173	SH 4		T84D24 4	000	024	ZZ	P173	Case		00008–99999
W125	P173	SH 5		T85D24 5	000	024	ZZ	P173	Case		00008–99999
W125	P173	SH 6		Q34E22 2	000	022	ZZ	P173	Case		00008–99999
W125	P173	SH 7		LVSCS44B22 3	000	022	ZZ	P173	Case		00012–00051
W125	P173	SH 7		R39B24 6	000	024	ZZ	P173	Case		00008–00011
W125	P173	SH 8		R40B24 6	000	024	ZZ	P173	Case		00008–00011
W125	P173	SH 9		R41B24 6	000	024	ZZ	P173	Case		00008–00011
W125	P173	SH10		R42B24 6	000	024	ZZ	P173	Case		00008–00011
W125	P173	SH15		E274C24 3	000	024	ZZ	P173	Case		00008–00011
W125	P173	SH15		E274C24 3	000	024	ZZ	P173	Case		00052–99999
W125	P173	SH15	833	E274C24 3	006	024	ZZ	P173	60	916	00012–00051

Table 16. W125 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W125	P173	SH16		E275C24 3	000	024	ZZ	P173	Case		00008–00011
W125	P173	SH16		E275C24 3	000	024	ZZ	P173	Case		00052–99999
W125	P173	SH16	833	E275C24 3	006	024	ZZ	P173	61	916	00012–00051
W125	P175	A	918	L85A20 3	063	020	SY	P121	F	918	00008–99999
W125	P175	B	918	L117B22 3	079	022	SY	P131	7	765	00008–99999
W125	P175	C	918	L130B22 3	064	022	SY	P129	ZP	918	00008–99999
W125	P175	D	918	L120B22 3	079	022	SY	P131	5	765	00008–99999
W125	P175	E	918	L38J22 3	198	022	SY	DS4 SP1		905	00008–99999
W125	P175	F	918	L60C22 3	169	022	SY	DS3 SP1		905	00008–00024
W125	P175	F	918	L60C22 3	180	022	SY	DS3	POS	900	00025–99999
W125	P175	G	918	L61C22 3	305	022	SY	DS5 SP1		904	00025–99999
W125	P175	G	918	L61C22 3	305	022	SY	DS5 SP3		904	00008–00024
W125	P175	J	918	M15B22 5WHT	114	022	SL	J600	A 1	955	00008–99999
W125	P175	K	918	M16B22 5BLU	114	022	SL	J600	A 2	955	00008–99999
W125	P175	L	918	M17B22 5ORN	114	022	SL	J600	A 3	955	00008–99999
W125	P175	M	918	M18B22 5GRN	114	022	SL	J600	A 4	955	00008–99999
W125	P175	N	918	M19C22 3	114	022	SY	J600	B 3	955	00008–99999
W125	P175	P	918	M20F22 3	114	022	SY	J600	B 4	955	00008–99999
W125	P175	R	918	M20E22 3	103	022	SY	J143	10	916	00008–99999
W125	P175	S	918	M24H22 3	103	022	SY	J143	11	916	00008–99999
W125	P175	T	918	M24C22 3	114	022	SY	J600 SP2			00008–99999
W125	P175	U	918	T113A20 4BLU	059	020	SJ	J113	C	891	00008–99999
W125	P175	V	918	T112C20 4WHT	059	020	SJ	J113	D	891	00008–99999
W125	P175	Case		M21D22 5	000	022	ZZ	P175	SH 1		00008–99999
W125	P175	Case		T116B20 4	000	020	ZZ	P175	SH 2		00008–99999
W125	P175	SH 1		M21D22 5	000	022	ZZ	P175	Case		00008–99999
W125	P175	SH 2		T116B20 4	000	020	ZZ	P175	Case		00008–99999
W125	P341	A	918	P58A24 3	053	024	GA	P375	14	915	00008–99999
W125	P341	B	918	P46E24 3	053	024	GA	P375	13	915	00008–99999
W125	P341	J	918	P67B24 3	053	024	GA	P375	16	915	00008–99999
W125	P341	K	918	P5A22 3	291	022	SY	P129	M	918	00008–99999
W125	P341	P	918	P62A24 3	053	024	GA	P375	21	915	00008–99999
W125	P341	R	918	P41E24 3	053	024	GA	P375	12	915	00008–99999
W125	P341	W	918	P47A20 5	102	020	SY	A407TB1	D	103	00008–99999
W125	P341	X	918	P50A20 5WHT	105	020	SJ	P411	A	765	00008–99999
W125	P341	Y	918	P51A20 5BLU	105	020	SJ	P411	B	765	00008–99999
W125	P341	ZC	918	P4A22 3	291	022	SY	P129	L	918	00008–99999
W125	P341	ZD	918	P3A22 3	291	022	SY	P129	R	918	00008–99999
W125	P341	ZF	918	P56A24 3	053	024	GA	P375	11	915	00008–99999
W125	P341	ZP	918	P61A24 3	053	024	GA	P375	18	915	00008–99999
W125	P341	ZR	918	P60A24 3	053	024	GA	P375	17	915	00008–99999

Table 16. W125 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W125	P341	ZS	918	P1E22 3	303	022	SY	P129	A	918	00008–99999
W125	P341	ZV	918	P6A22 3	291	022	SY	P129	N	918	00008–99999
W125	P341	ZY	922	P54B16 3	057	016	SH	P379	G	924	00008–99999
W125	P341	ZZ	922	P53A20N 3	050	020	SY	GS305	B		00008–99999
W125	P341	AA	922	P48A16 4	102	016	SH	A407TB1	A	108	00008–99999
W125	P341	DD	922	P49A16 4	102	016	SH	A407TB1	E	110	00008–99999
W125	P341	FF	922	P49B16 5	102	016	SY	A407TB1	E	110	00008–99999
W125	P341	Case		P12B16 3	000	016	ZZ	P341	SH 1		00008–99999
W125	P341	Case		P13D16 4	000	016	ZZ	P341	SH 2		00008–99999
W125	P341	Case		P14D16 4	000	016	ZZ	P341	SH 3		00008–99999
W125	P341	Case		P52A22 5	000	022	ZZ	P341	SH 4		00008–99999
W125	P341	SH 1		P12B16 3	000	016	ZZ	P341	Case		00008–99999
W125	P341	SH 2		P13D16 4	000	016	ZZ	P341	Case		00008–99999
W125	P341	SH 3		P14D16 4	000	016	ZZ	P341	Case		00008–99999
W125	P341	SH 4		P52A22 5	000	022	ZZ	P341	Case		00008–99999
W125	P351	A	918	Q22B22 3	180	022	SY	P173	16	916	00008–99999
W125	P351	B	918	Q40A22N 3	112	022	SY	GS305	J		00008–99999
W125	P353	A	918	Q16D22 3	288	022	SY	P130	U	918	00008–99999
W125	P353	C	918	Q26B22 3	254	022	SY	P173	18	916	00008–99999
W125	P353	D	918	Q43A22N 3	106	022	SY	GS303	A		00008–99999
W125	P353	E	918	Q25B22 3	254	022	SY	P173	17	916	00008–99999
W125	P353	F	918	Q42A22N 3	106	022	SY	GS301	B		00008–99999
W125	P353	G	918	Q44A22N 3	106	022	SY	GS303	B		00008–99999
W125	P353	H	918	Q17C22 3	288	022	SY	P130	V	918	00008–99999
W125	P355	A	918	Q14B22 3	242	022	SY	P130	G	918	00008–00051
W125	P355	C	918	Q20A22 3	207	022	SY	P173	14	916	00008–00051
W125	P355	D	918	Q38A22N 3	142	022	SY	GS305	K		00008–00051
W125	P355	E	918	Q21A22 3	207	022	SY	P173	15	916	00008–00051
W125	P355	F	918	Q39A22N 3	142	022	SY	GS303	C		00008–00051
W125	P355	G	918	Q37A22N 3	142	022	SY	GS307	H		00008–00051
W125	P355	H	918	Q15B22 3	242	022	SY	P130	F	918	00008–00051
W125	P375	1	915	E9B24 3	290	024	GA	P130	R	918	00008–99999
W125	P375	2	915	E137B22 3	305	022	SY	P131	11	765	00008–99999
W125	P375	3	915	KRA4053B22 3	256	022	SY	P173	25	916	00008–00009
W125	P375	6	915	Q51B22 3	200	022	SY	P119	A 6	955	00052–99999
W125	P375	9	915	P14B24 3	293	024	GA	P129	U	918	00008–99999
W125	P375	11	915	P56A24 3	053	024	GA	P341	ZF	918	00008–99999
W125	P375	12	915	P41E24 3	053	024	GA	P341	R	918	00008–99999
W125	P375	13	915	P46E24 3	053	024	GA	P341	B	918	00008–99999
W125	P375	14	915	P58A24 3	053	024	GA	P341	A	918	00008–99999
W125	P375	16	915	P67B24 3	053	024	GA	P341	J	918	00008–99999

Table 16. W125 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W125	P375	17	915	P60A24 3	053	024	GA	P341	ZR	918	00008–99999
W125	P375	18	915	P61A24 3	053	024	GA	P341	ZP	918	00008–99999
W125	P375	19	915	P13B24 3	246	024	GA	P120	H	917	00008–99999
W125	P375	20	915	P34B24 3	246	024	GA	P120	J	917	00008–99999
W125	P375	21	915	P62A24 3	053	024	GA	P341	P	918	00008–99999
W125	P375	22	915	P39B24 3	246	024	GA	P120	K	917	00008–99999
W125	P375	23	915	L43B22 3	293	022	SY	P129	Z	918	00008–99999
W125	P375	24	915	W31B22 2	290	022	SY	P130	A	918	00008–99999
W125	P375	25	915	M23B22 3	218	022	SY	J600 SP1			00008–99999
W125	P375	26	915	W1B22 3	305	022	SY	P131	1	765	00008–99999
W125	P375	27	915	T114B22 3	305	022	SY	J113 SP1			00008–99999
W125	P379	A	917	L8B20 3	298	020	SY	P129	W	918	00008–99999
W125	P379	B	917	L8E20 3	298	020	SY	P129	V	918	00008–99999
W125	P379	C	924	Q1B16 3	293	016	SY	P130	Z	922	00008–99999
W125	P379	D	917	L9B20 3	298	020	SY	P129	X	918	00008–99999
W125	P379	E	917	P126B20 3	293	020	SY	J135	A	798	00008–99999
W125	P379	F	917	L41B20 3	298	020	SY	P121	E	918	00008–99999
W125	P379	G	924	P54B16 3	057	016	SH	P341	ZY	922	00008–99999
W125	P379	H	917	W16B20 5	067	020	SY	J473	A		00008–99999
W125	P379	J	917	W17B20 5	067	020	SY	J479	B		00008–99999
W125	P379	L	924	H11D16 3	137	016	SY	TB301	A	906	00008–99999
W125	P379	M	924	H14D16 3	137	016	SY	TB301	C	906	00008–99999
W125	P379	Case	106	P12A16 3	006	016	ZZ	P379	SH 1	827	00008–99999
W125	P379	SH 1	827	P12A16 3	006	016	ZZ	P379	Case	106	00008–99999
W125	P411	A	765	P50A20 5WHT	105	020	SJ	P341	X	918	00008–99999
W125	P411	B	765	P51A20 5BLU	105	020	SJ	P341	Y	918	00008–99999
W125	P411	Case	102	P15A20 5	006	020	ZZ	P411	SH 1	827	00008–99999
W125	P411	SH 1	827	P15A20 5	006	020	ZZ	P411	Case	102	00008–99999
W125	P600 A	A 1	959	M27A22 3	006	022	SY	P600 A–R1			00052–99999
W125	P600 A	A 2	959	M27B22 3	006	022	SY	P600 A–R1			00052–99999
W125	P600 A	A 3	959	M25A22 3	006	022	SY	P600 A	A 4	959	00052–99999
W125	P600 A	A 4	959	M25A22 3	006	022	SY	P600 A	A 3	959	00052–99999
W125	P600 A–R1			M27A22 3	006	022	SY	P600 A	A 1	959	00052–99999
W125	P600 A–R1			M27B22 3	006	022	SY	P600 A	A 2	959	00052–99999
W125	S101	C	115	E16B22 3	100	022	SY	P130	T	918	00008–99999
W125	S201 SP1			T4A24 5	150	024	GA	P173	33	916	00008–99999
W125	S201 SP2			T4D24N 3	020	024	GA	GS201			00012–99999
W125	S202 SP1			T5A24 3	154	024	GA	P173	86	916	00008–00011
W125	TB301	A	906	H11D16 3	137	016	SY	P379	L	924	00008–99999
W125	TB301	C	906	H14D16 3	137	016	SY	P379	M	924	00008–99999

Table 17. W126 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W126	A610K1	A 1	198	P1A02 3	050	002	UM	P1	POS	194	00008–99999
W126	A610K2	A 2	198	P3A02 3	050	002	UM	J1	POS	194	00008–99999
W126	GS10		194	P2A02N 3	022	002	UM	P1	NEG	194	00008–99999
W126	GS20		194	P4A02N 3	010	002	UM	J1	NEG	194	00008–99999
W126	J1	C	103	P24A22 3	056	022	SY	SP1		904	00008–99999
W126	J1	NEG	194	P4A02N 3	010	002	UM	GS20		194	00008–99999
W126	J1	POS	194	P3A02 3	050	002	UM	A610K2	A 2	198	00008–99999
W126	P1	NEG	194	P2A02N 3	022	002	UM	GS10		194	00008–99999
W126	P1	POS	194	P1A02 3	050	002	UM	A610K1	A 1	198	00008–99999
W126	SP1		904	P24A22 3	056	022	SY	J1	C	103	00008–99999

Table 18. W127 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W127	A111CASE		154	Q35B16 3	006	016	SY	A111GND		154	00008–99999
W127	A111GND		154	Q35A16N 3	044	016	SY	GS130		108	00008–99999
W127	A111GND		154	Q35B16 3	006	016	SY	A111CASE		154	00008–99999
W127	A111POS		106	Q12D16 3	042	016	SY	J119	B 1	961	00008–99999
W127	GS130		108	Q35A16N 3	044	016	SY	A111GND		154	00008–99999
W127	J119	A 1	959	Q32B24 2WHT	042	024	RB	J222	D	918	00008–00051
W127	J119	A 1	959	Q32C24 5WHT	042	024	RB	J222	4	916	00052–99999
W127	J119	A 2	959	Q33B24 2BLU	042	024	RB	J222	C	918	00008–00051
W127	J119	A 2	959	Q33C24 5BLU	042	024	RB	J222	3	916	00052–99999
W127	J119	A 3	959	Q20D22 3	042	022	SY	J222	8	916	00052–99999
W127	J119	A 4	959	Q6F22 3WHT	042	022	SB	J222	1	916	00052–99999
W127	J119	A 4	959	Q6G22 3WHT	042	022	SB	J222	A	918	00008–00051
W127	J119	A 5	959	Q9A22 3BLU	042	022	SB	J222	2	916	00052–99999
W127	J119	A 5	959	Q9A22 3BLU	042	022	SB	J222	B	918	00008–00051
W127	J119	A 6	959	Q51C22 3WHT	042	022	SB	J222	6	916	00052–99999
W127	J119	A 7	959	Q52A22 3BLU	042	022	SB	J222	7	916	00052–99999
W127	J119	A 8	959	Q34E24 2	006	024	GA	J119	Case	145	00008–99999
W127	J119	B 1	961	Q12D16 3	042	016	SY	A111POS		106	00008–99999
W127	J119	Case	145	Q34B24 2	006	024	ZZ	J119	SH 1	833	00008–99999
W127	J119	Case	145	Q34E24 2	006	024	GA	J119	A 8	959	00008–99999
W127	J119	SH 1	833	Q34B24 2	006	024	ZZ	J119	Case	145	00008–99999
W127	J222	1	916	Q6F22 3WHT	042	022	SB	J119	A 4	959	00052–99999
W127	J222	2	916	Q9A22 3BLU	042	022	SB	J119	A 5	959	00052–99999
W127	J222	3	916	Q33C24 5BLU	042	024	RB	J119	A 2	959	00052–99999
W127	J222	4	916	Q32C24 5WHT	042	024	RB	J119	A 1	959	00052–99999
W127	J222	5	916	Q34A24 5	000	024	ZZ	J222	SH 1	833	00052–99999
W127	J222	6	916	Q51C22 3WHT	042	022	SB	J119	A 6	959	00052–99999
W127	J222	7	916	Q52A22 3BLU	042	022	SB	J119	A 7	959	00052–99999
W127	J222	8	916	Q20D22 3	042	022	SY	J119	A 3	959	00052–99999
W127	J222	A	918	Q6G22 3WHT	042	022	SB	J119	A 4	959	00008–00051
W127	J222	B	918	Q9A22 3BLU	042	022	SB	J119	A 5	959	00008–00051
W127	J222	C	918	Q33B24 2BLU	042	024	RB	J119	A 2	959	00008–00051
W127	J222	D	918	Q32B24 2WHT	042	024	RB	J119	A 1	959	00008–00051
W127	J222	Case		Q34A24 2	000	024	ZZ	J222	SH 1		00008–00051
W127	J222	SH 1		Q34A24 2	000	024	ZZ	J222	Case		00008–00051
W127	J222	SH 1	833	Q34A24 5	000	024	ZZ	J222	5	916	00052–99999

Table 19. W128 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W128	A112CASE	154		Q36B16 3	006	016	SY	A112GND	154		00008–99999
W128	A112GND	154		Q36B16 3	006	016	SY	A112CASE	154		00008–99999
W128	A112GND	154		Q36A16N 3	045	016	SY	GS131		108	00008–99999
W128	A112POS		106	Q13C16 3	047	016	SY	J122	B 1	961	00008–99999
W128	GS131		108	Q36A16N 3	045	016	SY	A112GND	154		00008–99999
W128	J122	A 1	959	Q28B24 2WHT	043	024	RB	J223	D	918	00008–99999
W128	J122	A 2	959	Q29B24 2BLU	043	024	RB	J223	C	918	00008–99999
W128	J122	A 3	959	Q31B24 3	043	024	GA	J223	H	918	00008–99999
W128	J122	A 4	959	Q6C22 3WHT	043	022	SB	J223	A	918	00008–99999
W128	J122	A 5	959	Q8A22 3BLU	043	022	SB	J223	B	918	00008–99999
W128	J122	A 6	959	Q7C22 3WHT	043	022	SB	J223	F	918	00008–99999
W128	J122	A 7	959	Q10A22 3BLU	043	022	SB	J223	G	918	00008–99999
W128	J122	A 8	959	Q30E24 2	006	024	GA	J122	Case	145	00008–99999
W128	J122	B 1	961	Q13C16 3	047	016	SY	A112POS		106	00008–99999
W128	J122	Case	145	Q30E24 2	006	024	GA	J122	A 8	959	00008–99999
W128	J122	Case	145	Q30B24 2	006	024	ZZ	J122	SH 1	833	00008–99999
W128	J122	SH 1	833	Q30B24 2	006	024	ZZ	J122	Case	145	00008–99999
W128	J223	A	918	Q6C22 3WHT	043	022	SB	J122	A 4	959	00008–99999
W128	J223	B	918	Q8A22 3BLU	043	022	SB	J122	A 5	959	00008–99999
W128	J223	C	918	Q29B24 2BLU	043	024	RB	J122	A 2	959	00008–99999
W128	J223	D	918	Q28B24 2WHT	043	024	RB	J122	A 1	959	00008–99999
W128	J223	E	918	Q30A24 2	006	024	ZZ	J223	SH 1	833	00052–99999
W128	J223	F	918	Q7C22 3WHT	043	022	SB	J122	A 6	959	00008–99999
W128	J223	G	918	Q10A22 3BLU	043	022	SB	J122	A 7	959	00008–99999
W128	J223	H	918	Q31B24 3	043	024	GA	J122	A 3	959	00008–99999
W128	J223	Case		Q30A24 2	000	024	ZZ	J223	SH 1		00008–00051
W128	J223	SH 1		Q30A24 2	000	024	ZZ	J223	Case		00008–00051
W128	J223	SH 1	833	Q30A24 2	006	024	ZZ	J223	E	918	00052–99999

Table 20. W129 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W129	GS401	A	905	T45A22N 3	070	022	SY	P415	B	918	00008–99999
W129	GS401	B	905	T43A22N 3	097	022	SY	P413	B	918	00008–99999
W129	GS401	C	905	T42A22N 3	066	022	SY	P412	E	918	00008–99999
W129	P155	G	917	T56A22 3	125	022	SY	P522	C	918	00012–99999
W129	P155	H	917	T57A22 3	125	022	SY	P522	B	918	00012–99999
W129	P155	J	917	T6C22 3	125	022	SY	P522	A	918	00012–99999
W129	P155	K	917	T6F22 3	131	022	SY	P523	A	918	00012–99999
W129	P155	L	917	T58A22 3	131	022	SY	P523	B	918	00012–99999
W129	P155	M	917	T59A22 3	131	022	SY	P523	C	918	00012–99999
W129	P155	N	917	C20D22 3	055	022	SY	P429	A	918	00011–99999
W129	P155	P	917	C22A22 3	055	022	SY	P429	B	918	00011–99999
W129	P155	R	917	C21D22 3	081	022	SY	P425	A	918	00011–99999
W129	P155	S	917	C23A22 3	081	022	SY	P425	B	918	00011–99999
W129	P155	T	917	C30A22 3	092	022	SY	P421	B	918	00011–99999
W129	P155	T	917	C30A22 3	060	022	SY	P428	B	918	00010–00010
W129	P155	U	917	C31A22 3	092	022	SY	P421	A	918	00011–99999
W129	P155	U	917	C31A22 3	060	022	SY	P428	A	918	00010–00010
W129	P155	V	917	C32A22 5WHT	085	022	SL	P423	A	918	00011–99999
W129	P155	W	917	C35A22 5GRN	085	022	SL	P423	D	918	00011–99999
W129	P155	X	917	C33A22 5BLU	085	022	SL	P423	B	918	00011–99999
W129	P155	Y	917	C34A22 5ORN	085	022	SL	P423	C	918	00011–99999
W129	P155	Case	103	C37B22 5	006	022	ZZ	P155	SH 1	830	00011–99999
W129	P155	SH 1	830	C37B22 5	006	022	ZZ	P155	Case	103	00011–99999
W129	P157	1	915	T32A24 5WHT	053	024	RD	P411	A	918	00008–99999
W129	P157	2	915	T33A24 5BLU	053	024	RD	P411	B	918	00008–99999
W129	P157	3	915	T34A24 5ORN	053	024	RD	P411	C	918	00008–99999
W129	P157	4	915	T35A24 5GRN	053	024	RD	P411	D	918	00008–99999
W129	P157	5	915	T36A24 4WHT	056	024	RB	P417	A	918	00008–99999
W129	P157	6	915	T37A24 4BLU	056	024	RB	P417	B	918	00008–99999
W129	P157	7	915	E48C24 4BLU	056	024	XF	P417	F	918	00012–99999
W129	P157	7	915	E48C24 5BLU	050	024	RB	P417	F	918	00008–00011
W129	P157	8	915	E47C24 4WHT	056	024	XF	P417	E	918	00012–99999
W129	P157	8	915	E47C24 5WHT	050	024	RB	P417	E	918	00008–00011
W129	P157	9	915	E41A24 4BLU	056	024	XF	P417	D	918	00012–99999
W129	P157	9	915	E41A24 5BLU	050	024	RB	P417	D	918	00008–00011
W129	P157	10	915	E40B24 4WHT	056	024	XF	P417	C	918	00012–99999
W129	P157	10	915	E40B24 5WHT	050	024	RB	P417	C	918	00008–00011
W129	P157	11	915	T38A24 5WHT	058	024	RC	P412	A	918	00008–00010
W129	P157	11	915	T38A24 5WHT	064	024	RC	P412	C	918	00011–99999
W129	P157	12	915	T39A24 5BLU	064	024	RC	P412	B	918	00008–99999
W129	P157	13	915	T40A24 5ORN	058	024	RC	P412	C	918	00008–00010

Table 20. W129 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W129	P157	13	915	T40A24 5ORN	064	024	RC	P412	A	918	00011–99999
W129	P157	14	915	T41A22 3	082	022	SY	P412	D	918	00008–99999
W129	P157	15	915	T44A22 3	110	022	SY	P413	A	918	00008–99999
W129	P157	16	915	T46A22 3	093	022	SY	P415	A	918	00008–99999
W129	P157	17	915	T68A22 4WHT	123	022	SJ	P430	A	A11	00052–99999
W129	P157	17	915	T68A24 4WHT	123	024	RB	P430	A	918	00008–00051
W129	P157	18	915	T69A22 4BLU	123	022	SJ	P430	B	A11	00052–99999
W129	P157	18	915	T69A24 4BLU	123	024	RB	P430	B	918	00008–00051
W129	P157	19	915	T64A24 5GRN	041	024	RD	P431	A	A11	00008–99999
W129	P157	20	915	T65A24 5BLU	041	024	RD	P431	B	A11	00008–99999
W129	P157	21	915	T66A24 5ORN	041	024	RD	P431	C	A11	00008–99999
W129	P157	22	915	T67A24 5WHT	041	024	RD	P431	D	A11	00008–99999
W129	P157	23	915	T60A24 5GRN	089	024	RD	P432	A	A11	00008–99999
W129	P157	24	915	T61A24 5BLU	089	024	RD	P432	B	A11	00008–99999
W129	P157	25	915	T62A24 5ORN	089	024	RD	P432	C	A11	00008–99999
W129	P157	26	915	T63A24 5WHT	089	024	RD	P432	D	A11	00008–99999
W129	P157	27	915	C24A22 3	050	022	SY	P427	B	918	00010–99999
W129	P157	28	915	C25A22 3	050	022	SY	P427	A	918	00010–99999
W129	P157	29	915	C26A22 5WHT	065	022	SL	P428	A	918	00011–99999
W129	P157	30	915	C27A22 5BLU	065	022	SL	P428	B	918	00011–99999
W129	P157	31	915	C28A22 5ORN	065	022	SL	P428	C	918	00011–99999
W129	P157	32	915	C29A22 5GRN	065	022	SL	P428	D	918	00011–99999
W129	P157	33	915	E49E24 4	006	024	ZZ	P157	SH 7	833	00012–99999
W129	P157	34	915	E42C24 4	006	024	ZZ	P157	SH 8	833	00012–99999
W129	P157	Case		T80B24 5	000	024	ZZ	P157	SH 1		00008–99999
W129	P157	Case		T81B24 5	000	024	ZZ	P157	SH 2		00008–99999
W129	P157	Case		T82B24 5	000	024	ZZ	P157	SH 3		00008–99999
W129	P157	Case		T88B22 4	000	022	ZZ	P157	SH 4		00052–99999
W129	P157	Case		T88B24 4	000	024	ZZ	P157	SH 4		00008–00051
W129	P157	Case		T87B24 5	000	024	ZZ	P157	SH 5		00008–99999
W129	P157	Case		T86B24 5	000	024	ZZ	P157	SH 6		00008–99999
W129	P157	Case		E49E24 5	000	024	ZZ	P157	SH 7		00008–00011
W129	P157	Case		E42C24 5	000	024	ZZ	P157	SH 8		00008–00011
W129	P157	Case		C36B22 5	000	022	ZZ	P157	SH 9		00008–99999
W129	P157	SH 1		T80B24 5	000	024	ZZ	P157	Case		00008–99999
W129	P157	SH 2		T81B24 5	000	024	ZZ	P157	Case		00008–99999
W129	P157	SH 3		T82B24 5	000	024	ZZ	P157	Case		00008–99999
W129	P157	SH 4		T88B22 4	000	022	ZZ	P157	Case		00052–99999
W129	P157	SH 4		T88B24 4	000	024	ZZ	P157	Case		00008–00051
W129	P157	SH 5		T87B24 5	000	024	ZZ	P157	Case		00008–99999
W129	P157	SH 6		T86B24 5	000	024	ZZ	P157	Case		00008–99999

Table 20. W129 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W129	P157	SH 7		E49E24 5	000	024	ZZ	P157	Case		00008–00011
W129	P157	SH 7	833	E49E24 4	006	024	ZZ	P157	33	915	00012–99999
W129	P157	SH 8		E42C24 5	000	024	ZZ	P157	Case		00008–00011
W129	P157	SH 8	833	E42C24 4	006	024	ZZ	P157	34	915	00012–99999
W129	P157	SH 9		C36B22 5	000	022	ZZ	P157	Case		00008–99999
W129	P411	A	918	T32A24 5WHT	053	024	RD	P157	1	915	00008–99999
W129	P411	B	918	T33A24 5BLU	053	024	RD	P157	2	915	00008–99999
W129	P411	C	918	T34A24 5ORN	053	024	RD	P157	3	915	00008–99999
W129	P411	D	918	T35A24 5GRN	053	024	RD	P157	4	915	00008–99999
W129	P411	Case		T80A24 5	000	024	ZZ	P411	SH 1		00008–99999
W129	P411	SH 1		T80A24 5	000	024	ZZ	P411	Case		00008–99999
W129	P412	A	918	T38A24 5WHT	058	024	RC	P157	11	915	00008–00010
W129	P412	A	918	T40A24 5ORN	064	024	RC	P157	13	915	00011–99999
W129	P412	B	918	T39A24 5BLU	064	024	RC	P157	12	915	00008–99999
W129	P412	C	918	T38A24 5WHT	064	024	RC	P157	11	915	00011–99999
W129	P412	C	918	T40A24 5ORN	058	024	RC	P157	13	915	00008–00010
W129	P412	D	918	T41A22 3	082	022	SY	P157	14	915	00008–99999
W129	P412	E	918	T42A22N 3	066	022	SY	GS401	C	905	00008–99999
W129	P412	Case		T82A24 5	000	024	ZZ	P412	SH 1		00008–99999
W129	P412	SH 1		T82A24 5	000	024	ZZ	P412	Case		00008–99999
W129	P413	A	918	T44A22 3	110	022	SY	P157	15	915	00008–99999
W129	P413	B	918	T43A22N 3	097	022	SY	GS401	B	905	00008–99999
W129	P415	A	918	T46A22 3	093	022	SY	P157	16	915	00008–99999
W129	P415	B	918	T45A22N 3	070	022	SY	GS401	A	905	00008–99999
W129	P417	A	918	T36A24 4WHT	056	024	RB	P157	5	915	00008–99999
W129	P417	B	918	T37A24 4BLU	056	024	RB	P157	6	915	00008–99999
W129	P417	C	918	E40B24 4WHT	056	024	XF	P157	10	915	00012–99999
W129	P417	C	918	E40B24 5WHT	050	024	RB	P157	10	915	00008–00011
W129	P417	D	918	E41A24 4BLU	056	024	XF	P157	9	915	00012–99999
W129	P417	D	918	E41A24 5BLU	050	024	RB	P157	9	915	00008–00011
W129	P417	E	918	E47C24 4WHT	056	024	XF	P157	8	915	00012–99999
W129	P417	E	918	E47C24 5WHT	050	024	RB	P157	8	915	00008–00011
W129	P417	F	918	E48C24 4BLU	056	024	XF	P157	7	915	00012–99999
W129	P417	F	918	E48C24 5BLU	050	024	RB	P157	7	915	00008–00011
W129	P417	Case		T81A24 4	000	024	ZZ	P417	SH 1		00008–99999
W129	P417	Case		E49F24 4	000	024	ZZ	P417	SH 2		00008–99999
W129	P417	Case		E42D24 4	000	024	ZZ	P417	SH 3		00008–99999
W129	P417	SH 1		T81A24 4	000	024	ZZ	P417	Case		00008–99999
W129	P417	SH 2		E49F24 4	000	024	ZZ	P417	Case		00008–99999
W129	P417	SH 3		E42D24 4	000	024	ZZ	P417	Case		00008–99999
W129	P421	A	918	C31A22 3	092	022	SY	P155	U	917	00011–99999

Table 20. W129 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W129	P421	B	918	C30A22 3	092	022	SY	P155	T	917	00011–99999
W129	P423	A	918	C32A22 5WHT	085	022	SL	P155	V	917	00011–99999
W129	P423	B	918	C33A22 5BLU	085	022	SL	P155	X	917	00011–99999
W129	P423	C	918	C34A22 5ORN	085	022	SL	P155	Y	917	00011–99999
W129	P423	D	918	C35A22 5GRN	085	022	SL	P155	W	917	00011–99999
W129	P423	Case		C37A22 5	000	022	ZZ	P423	SH 1		00011–99999
W129	P423	SH 1		C37A22 5	000	022	ZZ	P423	Case		00011–99999
W129	P425	A	918	C21D22 3	081	022	SY	P155	R	917	00011–99999
W129	P425	B	918	C23A22 3	081	022	SY	P155	S	917	00011–99999
W129	P427	A	918	C25A22 3	050	022	SY	P157	28	915	00010–99999
W129	P427	B	918	C24A22 3	050	022	SY	P157	27	915	00010–99999
W129	P428	A	918	C31A22 3	060	022	SY	P155	U	917	00010–00010
W129	P428	A	918	C26A22 5WHT	065	022	SL	P157	29	915	00011–99999
W129	P428	B	918	C30A22 3	060	022	SY	P155	T	917	00010–00010
W129	P428	B	918	C27A22 5BLU	065	022	SL	P157	30	915	00011–99999
W129	P428	C	918	C28A22 5ORN	065	022	SL	P157	31	915	00011–99999
W129	P428	D	918	C29A22 5GRN	065	022	SL	P157	32	915	00011–99999
W129	P428	Case		C36A22 5	000	022	ZZ	P428	SH 1		00011–99999
W129	P428	SH 1		C36A22 5	000	022	ZZ	P428	Case		00011–99999
W129	P429	A	918	C20D22 3	055	022	SY	P155	N	917	00011–99999
W129	P429	B	918	C22A22 3	055	022	SY	P155	P	917	00011–99999
W129	P430	A	A11	T68A22 4WHT	123	022	SJ	P157	17	915	00052–99999
W129	P430	A	918	T68A24 4WHT	123	024	RB	P157	17	915	00008–00051
W129	P430	B	A11	T69A22 4BLU	123	022	SJ	P157	18	915	00052–99999
W129	P430	B	918	T69A24 4BLU	123	024	RB	P157	18	915	00008–00051
W129	P430	Case		T88A22 4	006	022	ZZ	P430	SH 1		00052–99999
W129	P430	Case	145	T88A24 5	006	024	ZZ	P430	SH 1	833	00008–00051
W129	P430	SH 1		T88A22 4	006	022	ZZ	P430	Case		00052–99999
W129	P430	SH 1	833	T88A24 5	006	024	ZZ	P430	Case	145	00008–00051
W129	P431	A	A11	T64A24 5GRN	041	024	RD	P157	19	915	00008–99999
W129	P431	B	A11	T65A24 5BLU	041	024	RD	P157	20	915	00008–99999
W129	P431	C	A11	T66A24 5ORN	041	024	RD	P157	21	915	00008–99999
W129	P431	D	A11	T67A24 5WHT	041	024	RD	P157	22	915	00008–99999
W129	P431	Case		T87A24 5	000	024	ZZ	P431	SH 1		00008–99999
W129	P431	SH 1		T87A24 5	000	024	ZZ	P431	Case		00008–99999
W129	P432	A	A11	T60A24 5GRN	089	024	RD	P157	23	915	00008–99999
W129	P432	B	A11	T61A24 5BLU	089	024	RD	P157	24	915	00008–99999
W129	P432	C	A11	T62A24 5ORN	089	024	RD	P157	25	915	00008–99999
W129	P432	D	A11	T63A24 5WHT	089	024	RD	P157	26	915	00008–99999
W129	P432	Case		T86A24 5	000	024	ZZ	P432	SH 1		00008–99999
W129	P432	SH 1		T86A24 5	000	024	ZZ	P432	Case		00008–99999

Table 20. W129 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W129	P522	A	918	T6C22 3	125	022	SY	P155	J	917	00012–99999
W129	P522	B	918	T57A22 3	125	022	SY	P155	H	917	00012–99999
W129	P522	C	918	T56A22 3	125	022	SY	P155	G	917	00012–99999
W129	P523	A	918	T6F22 3	131	022	SY	P155	K	917	00012–99999
W129	P523	B	918	T58A22 3	131	022	SY	P155	L	917	00012–99999
W129	P523	C	918	T59A22 3	131	022	SY	P155	M	917	00012–99999

Table 21. W130 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W130	P390	A	917	T55A24 5WHT	034	024	RD	P434	D	A11	00008–99999
W130	P390	B	917	T54A24 5BLU	034	024	RD	P434	B	A11	00008–99999
W130	P390	C	917	T53A24 5ORN	034	024	RD	P434	C	A11	00008–99999
W130	P390	D	917	T52A24 5GRN	034	024	RD	P434	A	A11	00008–99999
W130	P390	G	917	T50A22 5WHT	031	022	SJ	P433	A	A11	00052–99999
W130	P390	G	917	T50A24 5WHT	031	024	RB	P433	A	918	00008–00051
W130	P390	K	917	T51A22 5BLU	031	022	SJ	P433	B	A11	00052–99999
W130	P390	K	917	T51A24 5BLU	031	024	RB	P433	B	918	00008–00051
W130	P390	Case		T84B24 5	000	024	ZZ	P390	SH 1		00008–99999
W130	P390	Case		T85B24 5	000	024	ZZ	P390	SH 2		00008–99999
W130	P390	SH 1		T84B24 5	000	024	ZZ	P390	Case		00008–99999
W130	P390	SH 2		T85B24 5	000	024	ZZ	P390	Case		00008–99999
W130	P433	A	A11	T50A22 5WHT	031	022	SJ	P390	G	917	00052–99999
W130	P433	A	918	T50A24 5WHT	031	024	RB	P390	G	917	00008–00051
W130	P433	B	A11	T51A22 5BLU	031	022	SJ	P390	K	917	00052–99999
W130	P433	B	918	T51A24 5BLU	031	024	RB	P390	K	917	00008–00051
W130	P433	Case		T84A22 5	000	022	ZZ	P433	SH 1		00052–99999
W130	P433	Case		T84A24 5	000	024	ZZ	P433	SH 1		00008–00051
W130	P433	SH 1		T84A22 5	000	022	ZZ	P433	Case		00052–99999
W130	P433	SH 1		T84A24 5	000	024	ZZ	P433	Case		00008–00051
W130	P434	A	A11	T52A24 5GRN	034	024	RD	P390	D	917	00008–99999
W130	P434	B	A11	T54A24 5BLU	034	024	RD	P390	B	917	00008–99999
W130	P434	C	A11	T53A24 5ORN	034	024	RD	P390	C	917	00008–99999
W130	P434	D	A11	T55A24 5WHT	034	024	RD	P390	A	917	00008–99999
W130	P434	Case		T85A24 5	000	024	ZZ	P434	SH 1		00008–99999
W130	P434	SH 1		T85A24 5	000	024	ZZ	P434	Case		00008–99999

Table 22. W131 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W131	P401	A	917	T31A24 3BLU	060	024	XF	P409	A	918	00008–00051
W131	P401	A	917	T31A24 3BLU	070	024	XF	P409	A	918	00052–99999
W131	P401	B	917	T30A24 3WHT	060	024	XF	P409	C	918	00008–00051
W131	P401	B	917	T30A24 3WHT	070	024	XF	P409	C	918	00052–99999
W131	P401	C	917	T79A24 3	006	024	ZZ	P401	SH 5	833	00008–99999
W131	P401	D	917	T25A24 5WHT	037	024	XG	P405	A	918	00008–99999
W131	P401	E	917	T26A24 5BLU	037	024	XG	P405	B	918	00008–99999
W131	P401	F	917	T27A24 5ORN	037	024	XG	P405	C	918	00008–99999
W131	P401	G	917	T77A24 5	006	024	ZZ	P401	SH 3	833	00008–99999
W131	P401	H	917	T29A24 3BLU	043	024	XF	P407	A	891	00008–99999
W131	P401	J	917	T28A24 3WHT	043	024	XF	P407	B	891	00008–99999
W131	P401	K	917	T78A24 3	006	024	ZZ	P401	SH 4	833	00008–99999
W131	P401	L	917	T21A24 5WHT	038	024	XF	P403	A	918	00008–99999
W131	P401	M	917	T22A24 5BLU	038	024	XF	P403	B	918	00008–99999
W131	P401	N	917	T75A24 5	006	024	ZZ	P401	SH 1	833	00008–99999
W131	P401	P	917	T23A24 5WHT	038	024	XF	P403	C	918	00008–99999
W131	P401	R	917	T24A24 5BLU	038	024	XF	P403	D	918	00008–99999
W131	P401	S	917	T76A24 5	006	024	ZZ	P401	SH 2	833	00008–99999
W131	P401	SH 1	833	T75A24 5	006	024	ZZ	P401	N	917	00008–99999
W131	P401	SH 2	833	T76A24 5	006	024	ZZ	P401	S	917	00008–99999
W131	P401	SH 3	833	T77A24 5	006	024	ZZ	P401	G	917	00008–99999
W131	P401	SH 4	833	T78A24 3	006	024	ZZ	P401	K	917	00008–99999
W131	P401	SH 5	833	T79A24 3	006	024	ZZ	P401	C	917	00008–99999
W131	P403	A	918	T21A24 5WHT	038	024	XF	P401	L	917	00008–99999
W131	P403	B	918	T22A24 5BLU	038	024	XF	P401	M	917	00008–99999
W131	P403	C	918	T23A24 5WHT	038	024	XF	P401	P	917	00008–99999
W131	P403	D	918	T24A24 5BLU	038	024	XF	P401	R	917	00008–99999
W131	P405	A	918	T25A24 5WHT	037	024	XG	P401	D	917	00008–99999
W131	P405	B	918	T26A24 5BLU	037	024	XG	P401	E	917	00008–99999
W131	P405	C	918	T27A24 5ORN	037	024	XG	P401	F	917	00008–99999
W131	P407	A	891	T29A24 3BLU	043	024	XF	P401	H	917	00008–99999
W131	P407	B	891	T28A24 3WHT	043	024	XF	P401	J	917	00008–99999
W131	P409	A	918	T31A24 3BLU	060	024	XF	P401	A	917	00008–00051
W131	P409	A	918	T31A24 3BLU	070	024	XF	P401	A	917	00052–99999
W131	P409	C	918	T30A24 3WHT	060	024	XF	P401	B	917	00008–00051
W131	P409	C	918	T30A24 3WHT	070	024	XF	P401	B	917	00052–99999

Table 23. W132 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W132	P400	A	917	T20A24 3BLU	055	024	XF	P408	A	918	00008–00051
W132	P400	A	917	T20A24 3BLU	070	024	XF	P408	A	918	00052–99999
W132	P400	B	917	T19A24 3WHT	055	024	XF	P408	C	918	00008–00051
W132	P400	B	917	T19A24 3WHT	070	024	XF	P408	C	918	00052–99999
W132	P400	C	917	T74A24 3	006	024	ZZ	P400	SH 5	833	00008–99999
W132	P400	D	917	T14A24 5WHT	042	024	XG	P404	A	918	00008–99999
W132	P400	E	917	T15A24 5BLU	042	024	XG	P404	B	918	00008–99999
W132	P400	F	917	T16A24 5ORN	042	024	XG	P404	C	918	00008–99999
W132	P400	G	917	T72A24 5	006	024	ZZ	P400	SH 3	833	00008–99999
W132	P400	H	917	T18A24 3BLU	042	024	XF	P406	A	891	00008–99999
W132	P400	J	917	T17A24 3WHT	042	024	XF	P406	B	891	00008–99999
W132	P400	K	917	T73A24 3	006	024	ZZ	P400	SH 4	833	00008–99999
W132	P400	L	917	T10A24 5WHT	042	024	XF	P402	A	918	00008–99999
W132	P400	M	917	T11A24 5BLU	042	024	XF	P402	B	918	00008–99999
W132	P400	N	917	T70A24 5	006	024	ZZ	P400	SH 1	833	00008–99999
W132	P400	P	917	T12A24 5WHT	042	024	XF	P402	C	918	00008–99999
W132	P400	R	917	T13A24 5BLU	042	024	XF	P402	D	918	00008–99999
W132	P400	S	917	T71A24 5	006	024	ZZ	P400	SH 2	833	00008–99999
W132	P400	SH 1	833	T70A24 5	006	024	ZZ	P400	N	917	00008–99999
W132	P400	SH 2	833	T71A24 5	006	024	ZZ	P400	S	917	00008–99999
W132	P400	SH 3	833	T72A24 5	006	024	ZZ	P400	G	917	00008–99999
W132	P400	SH 4	833	T73A24 3	006	024	ZZ	P400	K	917	00008–99999
W132	P400	SH 5	833	T74A24 3	006	024	ZZ	P400	C	917	00008–99999
W132	P402	A	918	T10A24 5WHT	042	024	XF	P400	L	917	00008–99999
W132	P402	B	918	T11A24 5BLU	042	024	XF	P400	M	917	00008–99999
W132	P402	C	918	T12A24 5WHT	042	024	XF	P400	P	917	00008–99999
W132	P402	D	918	T13A24 5BLU	042	024	XF	P400	R	917	00008–99999
W132	P404	A	918	T14A24 5WHT	042	024	XG	P400	D	917	00008–99999
W132	P404	B	918	T15A24 5BLU	042	024	XG	P400	E	917	00008–99999
W132	P404	C	918	T16A24 5ORN	042	024	XG	P400	F	917	00008–99999
W132	P406	A	891	T18A24 3BLU	042	024	XF	P400	H	917	00008–99999
W132	P406	B	891	T17A24 3WHT	042	024	XF	P400	J	917	00008–99999
W132	P408	A	918	T20A24 3BLU	055	024	XF	P400	A	917	00008–00051
W132	P408	A	918	T20A24 3BLU	070	024	XF	P400	A	917	00052–99999
W132	P408	C	918	T19A24 3WHT	055	024	XF	P400	B	917	00008–00051
W132	P408	C	918	T19A24 3WHT	070	024	XF	P400	B	917	00052–99999

Table 24. W133 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W133	J310	A	918	L21B24 3WHT	170	024	RC	P309	A	917	00008–00011
W133	J310	A	918	RVSCS6B22 3BLU	181	022	SJ	P309	G	917	00014–99999
W133	J310	B	918	L22B24 3BLU	170	024	RC	P309	B	917	00008–00011
W133	J310	B	918	RVSCS7B22 3WHT	170	022	SJ	P309	M	917	00012–00013
W133	J310	B	918	RVSCS7B22 3WHT	181	022	SJ	P309	M	917	00014–99999
W133	J310	C	918	L23B24 3ORN	170	024	RC	P309	C	917	00008–00011
W133	J310	C	918	RVSCS9B22 3WHT	170	022	SK	P309	V	917	00012–00013
W133	J310	C	918	RVSCS9B22 3WHT	181	022	SK	P309	V	917	00014–99999
W133	J310	D	918	RVSCS10B22 3BLU	170	022	SK	P309	W	917	00012–00013
W133	J310	D	918	RVSCS10B22 3BLU	181	022	SK	P309	W	917	00014–99999
W133	J310	E	918	RVSCS11B22 3ORN	170	022	SK	P309	X	917	00012–00013
W133	J310	E	918	RVSCS11B22 3ORN	181	022	SK	P309	X	917	00014–99999
W133	J310	F	918	RVSCS13B20 3	170	020	SY	P309	ZB	917	00012–00013
W133	J310	F	918	RVSCS13B20 3	181	020	SY	P309	ZB	917	00014–99999
W133	J310	F	918	L1G20 3	170	020	SY	P309	F	917	00008–00011
W133	J310	G	918	RVSCS3B20 3	170	020	SY	P309	D	917	00012–00013
W133	J310	G	918	RVSCS3B20 3	181	020	SY	P309	D	917	00014–99999
W133	J310	G	918	L3G20 3	170	020	SY	P309	G	917	00008–00011
W133	J310	H	918	L1D20 3	010	020	SY	J310 SP1			00012–99999
W133	J310	H	918	L1C20 3	170	020	SY	P309	H	917	00008–00011
W133	J310	J	918	L18B20 4WHT	170	020	SK	P309	J	917	00012–00013
W133	J310	J	918	L18B20 4WHT	181	020	SK	P309	J	917	00014–99999
W133	J310	J	918	L18B24 3WHT	170	024	RC	P309	J	917	00008–00011
W133	J310	K	918	L19B20 4BLU	170	020	SK	P309	K	917	00012–00013
W133	J310	K	918	L19B20 4BLU	181	020	SK	P309	K	917	00014–99999
W133	J310	K	918	L19B24 3BLU	170	024	RC	P309	K	917	00008–00011
W133	J310	L	918	L20B20 4ORN	170	020	SK	P309	L	917	00012–00013
W133	J310	L	918	L20B20 4ORN	181	020	SK	P309	L	917	00014–99999
W133	J310	L	918	L20B24 3ORN	170	024	RC	P309	L	917	00008–00011
W133	J310	M	918	RVSCS12B20 3	170	020	SY	P309	ZA	917	00012–00013
W133	J310	M	918	RVSCS12B20 3	181	020	SY	P309	ZA	917	00014–99999
W133	J310	N	918	RVSCS40B22 3	006	022	ZZ	J310	SH 2	832	00012–99999
W133	J310	P	918	RVSCS8B22 3BLU	170	022	SJ	P309	N	917	00012–00013
W133	J310	P	918	RVSCS8B22 3BLU	181	022	SJ	P309	N	917	00014–99999
W133	J310	P	918	L4B20 3	170	020	SY	P309	P	917	00008–00011
W133	J310	R	918	RVSCS42B22 3	006	022	ZZ	J310	SH 4	832	00012–99999
W133	J310	R	918	L3C20 3	170	020	SY	P309	R	917	00008–00011
W133	J310	S	918	RVSCS5B22 3WHT	170	022	SJ	P309	F	917	00012–00013
W133	J310	S	918	RVSCS5B22 3WHT	181	022	SJ	P309	F	917	00014–99999
W133	J310	T	918	L2A20 3	010	020	SY	J310 SP2			00012–99999
W133	J310	T	918	L2B20 3	170	020	SY	P309	T	917	00008–00011

Table 24. W133 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W133	J310	U	918	RVSCS41B22 3	006	022	ZZ	J310	SH 3	832	00012–99999
W133	J310	V	918	RVSCS4B20 3	170	020	SY	P309	E	917	00012–00013
W133	J310	V	918	RVSCS4B20 3	181	020	SY	P309	E	917	00014–99999
W133	J310	Z	918	L1E20 3	010	020	SY	J310 SP1			00012–99999
W133	J310	ZA	918	L2D20 3	010	020	SY	J310 SP2			00012–99999
W133	J310	ZB	918	L4E20 3	030	020	SY	P313 SP2			00012–99999
W133	J310	ZC	918	L3F20 3	030	020	SY	P313 SP1			00012–99999
W133	J310 SP1			L1D20 3	010	020	SY	J310	H	918	00012–99999
W133	J310 SP1			L1E20 3	010	020	SY	J310	Z	918	00012–99999
W133	J310 SP1			L1C20 3	170	020	SY	P309	H	917	00012–00013
W133	J310 SP1			L1C20 3	181	020	SY	P309	H	917	00014–99999
W133	J310 SP2			L2A20 3	010	020	SY	J310	T	918	00012–99999
W133	J310 SP2			L2D20 3	010	020	SY	J310	ZA	918	00012–99999
W133	J310 SP2			L2B20 3	170	020	SY	P309	T	917	00012–00013
W133	J310 SP2			L2B20 3	181	020	SY	P309	T	917	00014–99999
W133	J310	Case		L34D20 4	000	020	ZZ	J310	SH 1		00012–99999
W133	J310	Case		L34D24 3	000	024	ZZ	J310	SH 1		00008–00011
W133	J310	Case		L35D24 3	000	024	ZZ	J310	SH 2		00008–00011
W133	J310	SH 1		L34D20 4	000	020	ZZ	J310	Case		00012–99999
W133	J310	SH 1		L34D24 3	000	024	ZZ	J310	Case		00008–00011
W133	J310	SH 2		L35D24 3	000	024	ZZ	J310	Case		00008–00011
W133	J310	SH 2	832	RVSCS40B22 3	006	022	ZZ	J310	N	918	00012–99999
W133	J310	SH 3	832	RVSCS41B22 3	006	022	ZZ	J310	U	918	00012–99999
W133	J310	SH 4	832	RVSCS42B22 3	006	022	ZZ	J310	R	918	00012–99999
W133	P309	A	917	L21B24 3WHT	170	024	RC	J310	A	918	00008–00011
W133	P309	A	917	L21B20 4WHT	170	020	SK	P313	A	918	00012–00013
W133	P309	A	917	L21B20 4WHT	181	020	SK	P313	A	918	00014–99999
W133	P309	B	917	L22B24 3BLU	170	024	RC	J310	B	918	00008–00011
W133	P309	B	917	L22B20 4BLU	170	020	SK	P313	B	918	00012–00013
W133	P309	B	917	L22B20 4BLU	181	020	SK	P313	B	918	00014–99999
W133	P309	C	917	L23B24 3ORN	170	024	RC	J310	C	918	00008–00011
W133	P309	C	917	L23B20 4ORN	170	020	SK	P313	C	918	00012–00013
W133	P309	C	917	L23B20 4ORN	181	020	SK	P313	C	918	00014–99999
W133	P309	D	917	RVSCS3B20 3	170	020	SY	J310	G	918	00012–00013
W133	P309	D	917	RVSCS3B20 3	181	020	SY	J310	G	918	00014–99999
W133	P309	E	917	RVSCS4B20 3	170	020	SY	J310	V	918	00012–00013
W133	P309	E	917	RVSCS4B20 3	181	020	SY	J310	V	918	00014–99999
W133	P309	F	917	L1G20 3	170	020	SY	J310	F	918	00008–00011
W133	P309	F	917	RVSCS5B22 3WHT	170	022	SJ	J310	S	918	00012–00013
W133	P309	F	917	RVSCS5B22 3WHT	181	022	SJ	J310	S	918	00014–99999
W133	P309	G	917	L3G20 3	170	020	SY	J310	G	918	00008–00011

Table 24. W133 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W133	P309	G	917	RVSCS6B22 3BLU	170	022	SJ	J310	A	918	00012–00013
W133	P309	G	917	RVSCS6B22 3BLU	181	022	SJ	J310	A	918	00014–99999
W133	P309	H	917	L1C20 3	170	020	SY	J310	H	918	00008–00011
W133	P309	H	917	L1C20 3	170	020	SY	J310 SP1			00012–00013
W133	P309	H	917	L1C20 3	181	020	SY	J310 SP1			00014–99999
W133	P309	H	917	L1C20 3	170	020	SY	J310	H	918	00008–00011
W133	P309	J	917	L18B20 4WHT	170	020	SK	J310	J	918	00012–00013
W133	P309	J	917	L18B20 4WHT	181	020	SK	J310	J	918	00014–99999
W133	P309	J	917	L18B24 3WHT	170	024	RC	J310	J	918	00008–00011
W133	P309	K	917	L19B20 4BLU	170	020	SK	J310	K	918	00012–00013
W133	P309	K	917	L19B20 4BLU	181	020	SK	J310	K	918	00014–99999
W133	P309	K	917	L19B24 3BLU	170	024	RC	J310	K	918	00008–00011
W133	P309	L	917	L20B20 4ORN	170	020	SK	J310	L	918	00012–00013
W133	P309	L	917	L20B20 4ORN	181	020	SK	J310	L	918	00014–99999
W133	P309	L	917	L20B24 3ORN	170	024	RC	J310	L	918	00008–00011
W133	P309	M	917	RVSCS7B22 3WHT	170	022	SJ	J310	B	918	00012–00013
W133	P309	M	917	RVSCS7B22 3WHT	181	022	SJ	J310	B	918	00014–99999
W133	P309	N	917	RVSCS8B22 3BLU	170	022	SJ	J310	P	918	00012–00013
W133	P309	N	917	RVSCS8B22 3BLU	181	022	SJ	J310	P	918	00014–99999
W133	P309	P	917	L4B20 3	150	020	SY	P313 SP2			00012–00013
W133	P309	P	917	L4B20 3	161	020	SY	P313 SP2			00014–99999
W133	P309	P	917	L4B20 3	170	020	SY	J310	P	918	00008–00011
W133	P309	R	917	L3C20 3	150	020	SY	P313 SP1			00012–00013
W133	P309	R	917	L3C20 3	161	020	SY	P313 SP1			00014–99999
W133	P309	R	917	L3C20 3	170	020	SY	J310	R	918	00008–00011
W133	P309	S	917	RVSCS40C22 3	006	022	ZZ	P309	SH 3	832	00012–99999
W133	P309	T	917	L2B20 3	170	020	SY	J310	T	918	00008–00011
W133	P309	T	917	L2B20 3	170	020	SY	J310 SP2			00012–00013
W133	P309	T	917	L2B20 3	181	020	SY	J310 SP2			00014–99999
W133	P309	U	917	RVSCS41C22 3	006	022	ZZ	P309	SH 4	832	00012–99999
W133	P309	V	917	RVSCS9B22 3WHT	170	022	SK	J310	C	918	00012–00013
W133	P309	V	917	RVSCS9B22 3WHT	181	022	SK	J310	C	918	00014–99999
W133	P309	W	917	RVSCS10B22 3BLU	170	022	SK	J310	D	918	00012–00013
W133	P309	W	917	RVSCS10B22 3BLU	181	022	SK	J310	D	918	00014–99999
W133	P309	X	917	RVSCS11B22 3ORN	170	022	SK	J310	E	918	00012–00013
W133	P309	X	917	RVSCS11B22 3ORN	181	022	SK	J310	E	918	00014–99999
W133	P309	Y	917	RVSCS42C22 3	006	022	ZZ	P309	SH 5	832	00012–99999
W133	P309	ZA	917	RVSCS12B20 3	170	020	SY	J310	M	918	00012–00013
W133	P309	ZA	917	RVSCS12B20 3	181	020	SY	J310	M	918	00014–99999
W133	P309	ZB	917	RVSCS13B20 3	170	020	SY	J310	F	918	00012–00013
W133	P309	ZB	917	RVSCS13B20 3	181	020	SY	J310	F	918	00014–99999

Table 24. W133 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W133	P309	Case		L34C20 3	000	020	ZZ	P309	SH 1		00012–99999
W133	P309	Case		L34C24 3	000	024	ZZ	P309	SH 1		00008–00011
W133	P309	Case		L35C20 3	000	020	ZZ	P309	SH 2		00012–99999
W133	P309	Case		L35C24 3	000	024	ZZ	P309	SH 2		00008–00011
W133	P309	SH 1		L34C20 3	000	020	ZZ	P309	Case		00012–99999
W133	P309	SH 1		L34C24 3	000	024	ZZ	P309	Case		00008–00011
W133	P309	SH 2		L35C20 3	000	020	ZZ	P309	Case		00012–99999
W133	P309	SH 2		L35C24 3	000	024	ZZ	P309	Case		00008–00011
W133	P309	SH 3	832	RVSCS40C22 3	006	022	ZZ	P309	S	917	00012–99999
W133	P309	SH 4	832	RVSCS41C22 3	006	022	ZZ	P309	U	917	00012–99999
W133	P309	SH 5	832	RVSCS42C22 3	006	022	ZZ	P309	Y	917	00012–99999
W133	P313	A	918	L21B20 4WHT	170	020	SK	P309	A	917	00012–00013
W133	P313	A	918	L21B20 4WHT	181	020	SK	P309	A	917	00014–99999
W133	P313	B	918	L22B20 4BLU	170	020	SK	P309	B	917	00012–00013
W133	P313	B	918	L22B20 4BLU	181	020	SK	P309	B	917	00014–99999
W133	P313	C	918	L23B20 4ORN	170	020	SK	P309	C	917	00012–00013
W133	P313	C	918	L23B20 4ORN	181	020	SK	P309	C	917	00014–99999
W133	P313	D	918	L3D20 3	030	020	SY	P313 SP1			00012–99999
W133	P313	E	918	L4A20 3	030	020	SY	P313 SP2			00012–99999
W133	P313 SP1			L3F20 3	030	020	SY	J310	ZC	918	00012–99999
W133	P313 SP1			L3C20 3	150	020	SY	P309	R	917	00012–00013
W133	P313 SP1			L3C20 3	161	020	SY	P309	R	917	00014–99999
W133	P313 SP1			L3D20 3	030	020	SY	P313	D	918	00012–99999
W133	P313 SP2			L4E20 3	030	020	SY	J310	ZB	918	00012–99999
W133	P313 SP2			L4B20 3	150	020	SY	P309	P	917	00012–00013
W133	P313 SP2			L4B20 3	161	020	SY	P309	P	917	00014–99999
W133	P313 SP2			L4A20 3	030	020	SY	P313	E	918	00012–99999
W133	P313	Case		L35D20 4	000	020	ZZ	P313	SH 1		00012–99999
W133	P313	SH 1		L35D20 4	000	020	ZZ	P313	Case		00012–99999

Table 25. W134 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W134	P310	A	917	L21C24 3WHT	076	024	RC	P311	C	918	00008–00011
W134	P310	A	917	RVSCS6C22 3BLU	054	022	SJ	P314	S	765	00012–99999
W134	P310	B	917	L22C24 3BLU	076	024	RC	P311	B	918	00008–00011
W134	P310	B	917	RVSCS7C22 3WHT	054	022	SJ	P314	B	765	00012–99999
W134	P310	C	917	L23C24 3ORN	076	024	RC	P311	A	918	00008–00011
W134	P310	C	917	RVSCS9C22 3WHT	054	022	SK	P314	C	765	00012–99999
W134	P310	D	917	RVSCS10C22 3BLU	054	022	SK	P314	D	765	00012–99999
W134	P310	E	917	RVSCS11C22 3ORN	054	022	SK	P314	E	765	00012–99999
W134	P310	F	917	L1H20 3	087	020	SY	P312	F	918	00008–00011
W134	P310	F	917	RVSCS13C20 3	054	020	SY	P314 SP4			00012–99999
W134	P310	G	917	L3H20 3	076	020	SY	P311	F	918	00008–00011
W134	P310	G	917	RVSCS3C20 3	054	020	SY	P314 SP1			00012–99999
W134	P310	H	917	L1D20 3	087	020	SY	P312	E	918	00008–00011
W134	P310	J	917	L18C24 3WHT	087	024	RC	P312	C	918	00008–00011
W134	P310	K	917	L19C24 3BLU	087	024	RC	P312	B	918	00008–00011
W134	P310	L	917	L20C24 3ORN	087	024	RC	P312	A	918	00008–00011
W134	P310	M	917	RVSCS12C20 3	054	020	SY	P314 SP3			00012–99999
W134	P310	N	917	RVSCS40A22 3	006	022	ZZ	P310	SH 1	830	00012–99999
W134	P310	P	917	L4A20 3	076	020	SY	P311	G	918	00008–00011
W134	P310	P	917	RVSCS8C22 3BLU	054	022	SJ	P314	P	765	00012–99999
W134	P310	R	917	L3D20 3	076	020	SY	P311	E	918	00008–00011
W134	P310	R	917	RVSCS42A22 3	006	022	ZZ	P310	SH 3	830	00012–99999
W134	P310	S	917	RVSCS5C22 3WHT	054	022	SJ	P314	A	765	00012–99999
W134	P310	T	917	L2A20 3	087	020	SY	P312	G	918	00008–00011
W134	P310	U	917	RVSCS41A22 3	006	022	ZZ	P310	SH 2	830	00012–99999
W134	P310	V	917	RVSCS4C20 3	054	020	SY	P314 SP2			00012–99999
W134	P310	Z	917	L1F20 3WHT	102	020	SB	W134 SP1		952	00012–99999
W134	P310	ZA	917	L2E20 3BLU	102	020	SB	W134 SP2		952	00012–99999
W134	P310	ZB	917	L4D20 3BLU	092	020	SB	W134 SP4		952	00012–99999
W134	P310	ZC	917	L3G20 3WHT	092	020	SB	W134 SP3		952	00012–99999
W134	P310	Case		L34E24 3	000	024	ZZ	P310	SH 1		00008–00011
W134	P310	Case		L35E24 3	000	024	ZZ	P310	SH 2		00008–00011
W134	P310	SH 1	830	RVSCS40A22 3	006	022	ZZ	P310	N	917	00012–99999
W134	P310	SH 1		L34E24 3	000	024	ZZ	P310	Case		00008–00011
W134	P310	SH 2		L35E24 3	000	024	ZZ	P310	Case		00008–00011
W134	P310	SH 2	830	RVSCS41A22 3	006	022	ZZ	P310	U	917	00012–99999
W134	P310	SH 3	830	RVSCS42A22 3	006	022	ZZ	P310	R	917	00012–99999
W134	P311	A	918	L23C24 3ORN	076	024	RC	P310	C	917	00008–00011
W134	P311	B	918	L22C24 3BLU	076	024	RC	P310	B	917	00008–00011
W134	P311	C	918	L21C24 3WHT	076	024	RC	P310	A	917	00008–00011
W134	P311	E	918	L3D20 3	076	020	SY	P310	R	917	00008–00011

Table 25. W134 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W134	P311	F	918	L3H20 3	076	020	SY	P310	G	917	00008–00011
W134	P311	G	918	L4A20 3	076	020	SY	P310	P	917	00008–00011
W134	P311	Case		L35F24 3	000	024	ZZ	P311	SH 1		00008–00011
W134	P311	SH 1		L35F24 3	000	024	ZZ	P311	Case		00008–00011
W134	P312	A	918	L20C24 3ORN	087	024	RC	P310	L	917	00008–00011
W134	P312	B	918	L19C24 3BLU	087	024	RC	P310	K	917	00008–00011
W134	P312	C	918	L18C24 3WHT	087	024	RC	P310	J	917	00008–00011
W134	P312	E	918	L1D20 3	087	020	SY	P310	H	917	00008–00011
W134	P312	F	918	L1H20 3	087	020	SY	P310	F	917	00008–00011
W134	P312	G	918	L2A20 3	087	020	SY	P310	T	917	00008–00011
W134	P312	Case		L34F24 3	000	024	ZZ	P312	SH 1		00008–00011
W134	P312	SH 1		L34F24 3	000	024	ZZ	P312	Case		00008–00011
W134	P314	A	765	RVSCS5C22 3WHT	054	022	SJ	P310	S	917	00012–99999
W134	P314	B	765	RVSCS7C22 3WHT	054	022	SJ	P310	B	917	00012–99999
W134	P314	C	765	RVSCS9C22 3WHT	054	022	SK	P310	C	917	00012–99999
W134	P314	D	765	RVSCS10C22 3BLU	054	022	SK	P310	D	917	00012–99999
W134	P314	E	765	RVSCS11C22 3ORN	054	022	SK	P310	E	917	00012–99999
W134	P314	F	765	RVSCS13D20 3	010	020	SY	P314 SP4			00012–99999
W134	P314	J	765	RVSCS3D20 3	010	020	SY	P314 SP1			00012–99999
W134	P314	K	765	RVSCS12D20 3	010	020	SY	P314 SP3			00012–99999
W134	P314	L	765	RVSCS4D20 3	010	020	SY	P314 SP2			00012–99999
W134	P314	P	765	RVSCS8C22 3BLU	054	022	SJ	P310	P	917	00012–99999
W134	P314	S	765	RVSCS6C22 3BLU	054	022	SJ	P310	A	917	00012–99999
W134	P314 SP1			RVSCS3E20 3	010	020	SY	P314 SP2			00012–99999
W134	P314 SP1			RVSCS3C20 3	054	020	SY	P310	G	917	00012–99999
W134	P314 SP1			RVSCS3D20 3	010	020	SY	P314	J	765	00012–99999
W134	P314 SP2			RVSCS4C20 3	054	020	SY	P310	V	917	00012–99999
W134	P314 SP2			RVSCS4D20 3	010	020	SY	P314	L	765	00012–99999
W134	P314 SP2			RVSCS3E20 3	010	020	SY	P314 SP1			00012–99999
W134	P314 SP3			RVSCS12E20 3	010	020	SY	P314 SP4			00012–99999
W134	P314 SP3			RVSCS12C20 3	054	020	SY	P310	M	917	00012–99999
W134	P314 SP3			RVSCS12D20 3	010	020	SY	P314	K	765	00012–99999
W134	P314 SP4			RVSCS13C20 3	054	020	SY	P310	F	917	00012–99999
W134	P314 SP4			RVSCS13D20 3	010	020	SY	P314	F	765	00012–99999
W134	P314 SP4			RVSCS12E20 3	010	020	SY	P314 SP3			00012–99999
W134	P314	Case	102	RVSCS40F22 5	006	022	ZZ	P314	SH 1	830	00012–99999
W134	P314	Case	102	RVSCS41F22 5	006	022	ZZ	P314	SH 2	830	00012–99999
W134	P314	Case	102	RVSCS42F22 5	006	022	ZZ	P314	SH 3	830	00012–99999
W134	P314	SH 1	830	RVSCS40F22 5	006	022	ZZ	P314	Case	102	00012–99999
W134	P314	SH 2	830	RVSCS41F22 5	006	022	ZZ	P314	Case	102	00012–99999
W134	P314	SH 3	830	RVSCS42F22 5	006	022	ZZ	P314	Case	102	00012–99999

Table 25. W134 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W134	W134 SP1		952	L1F20 3WHT	102	020	SB	P310	Z	917	00012–99999
W134	W134 SP2		952	L2E20 3BLU	102	020	SB	P310	ZA	917	00012–99999
W134	W134 SP3		952	L3G20 3WHT	092	020	SB	P310	ZC	917	00012–99999
W134	W134 SP4		952	L4D20 3BLU	092	020	SB	P310	ZB	917	00012–99999

Table 26. W135 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W135	P1	A	A11	W1351A22 3	047	022	SY	P2	1	915	00008–99999
W135	P1	B	A11	W1352A22 3	047	022	SY	P2	2	915	00008–99999
W135	P1	D	A11	W1353A22 3WHT	047	022	SM	P2	3	915	00008–99999
W135	P1	E	A11	W1354A22 3BLU	047	022	SM	P2	4	915	00008–99999
W135	P1	F	A11	W1355A22 3GRN	047	022	SM	P2	5	915	00008–99999
W135	P1	H	A11	W1356A22 3	047	022	SY	P2	6	915	00008–99999
W135	P1	L	A11	W1357A22 3	047	022	SY	P2	7	915	00008–99999
W135	P1	S	A11	W1358A22 3	047	022	SY	P2	8	915	00008–99999
W135	P1	T	A11	W1359A22 3	047	022	SY	P2	9	915	00008–99999
W135	P1	U	A11	W13510A22 3	047	022	SY	P2	10	915	00008–99999
W135	P1	V	A11	W13511A22 3	047	022	SY	P2	11	915	00008–99999
W135	P1	W	A11	W13512A22 3	047	022	SY	P2	12	915	00008–99999
W135	P1	X	A11	W13513A22 3	047	022	SY	P2	13	915	00008–99999
W135	P1	Y	A11	W13514A22 3	047	022	SY	P2	14	915	00008–99999
W135	P1	Z	A11	W13515A22 3ORN	047	022	SM	P2	15	915	00008–99999
W135	P1	ZA	A11	W13516A22 3RED	047	022	SM	P2	16	915	00008–99999
W135	P1	ZD	A11	W13517A22 3	047	022	SY	P2	17	915	00008–99999
W135	P1	ZJ	A11	W13518A22 3	047	022	SY	P2	18	915	00008–99999
W135	P2	1	915	W1351A22 3	047	022	SY	P1	A	A11	00008–99999
W135	P2	2	915	W1352A22 3	047	022	SY	P1	B	A11	00008–99999
W135	P2	3	915	W1353A22 3WHT	047	022	SM	P1	D	A11	00008–99999
W135	P2	4	915	W1354A22 3BLU	047	022	SM	P1	E	A11	00008–99999
W135	P2	5	915	W1355A22 3GRN	047	022	SM	P1	F	A11	00008–99999
W135	P2	6	915	W1356A22 3	047	022	SY	P1	H	A11	00008–99999
W135	P2	7	915	W1357A22 3	047	022	SY	P1	L	A11	00008–99999
W135	P2	8	915	W1358A22 3	047	022	SY	P1	S	A11	00008–99999
W135	P2	9	915	W1359A22 3	047	022	SY	P1	T	A11	00008–99999
W135	P2	10	915	W13510A22 3	047	022	SY	P1	U	A11	00008–99999
W135	P2	11	915	W13511A22 3	047	022	SY	P1	V	A11	00008–99999
W135	P2	12	915	W13512A22 3	047	022	SY	P1	W	A11	00008–99999
W135	P2	13	915	W13513A22 3	047	022	SY	P1	X	A11	00008–99999
W135	P2	14	915	W13514A22 3	047	022	SY	P1	Y	A11	00008–99999
W135	P2	15	915	W13515A22 3ORN	047	022	SM	P1	Z	A11	00008–99999
W135	P2	16	915	W13516A22 3RED	047	022	SM	P1	ZA	A11	00008–99999
W135	P2	17	915	W13517A22 3	047	022	SY	P1	ZD	A11	00008–99999
W135	P2	18	915	W13518A22 3	047	022	SY	P1	ZJ	A11	00008–99999
W135	P2	Case		W13519A22 3	000	022	ZZ	P2	SH 1		00008–99999
W135	P2	SH 1		W13519A22 3	000	022	ZZ	P2	Case		00008–99999

Table 27. W136 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W136	A672TB1	1	102	RVSCS29B22 3	048	022	SY	P118	46	915	00012–99999
W136	A672TB1	2	102	VSCS28A22 3	010	022	SY	A673TB1	2	102	00012–99999
W136	A672TB1	3	102	L140D22 3	010	022	SY	A673TB1	3	102	00012–99999
W136	A672TB1	4	102	RVSCS27B22 3	048	022	SY	P118	48	915	00012–99999
W136	A673TB1	1	102	LVSCS29D22 3	048	022	SY	P118	47	915	00012–99999
W136	A673TB1	2	102	VSCS28A22 3	010	022	SY	A672TB1	2	102	00012–99999
W136	A673TB1	2	102	VSCS28B22 3	048	022	SY	P118	50	915	00012–99999
W136	A673TB1	3	102	L140D22 3	010	022	SY	A672TB1	3	102	00012–99999
W136	A673TB1	3	102	L140C22 3	048	022	SY	P118	51	915	00012–99999
W136	A673TB1	4	102	LVSCS27D22 3	048	022	SY	P118	49	915	00012–99999
W136	P108	A	A11	T105A22 3	034	022	SY	P118	19	915	00012–99999
W136	P108	B	A11	T106A22 3	034	022	SY	P118	24	915	00012–99999
W136	P108	D	A11	T107A22 3	034	022	SY	P118	18	915	00012–99999
W136	P109	A	905	L123A24 3	010	024	GA	P109 SP1			00008–00018
W136	P109	B	905	L123B24 3	010	024	GA	P109 SP1			00008–00018
W136	P109	C	905	L123C24 3	010	024	GA	P109 SP1			00008–00018
W136	P109	D	905	L123D24 3	010	024	GA	P109 SP1			00008–00018
W136	P109	G	905	L122A24 3	052	024	GA	P118	37	915	00008–00018
W136	P109	A 1	905	L121A24 3	052	024	GA	P118	36	915	00008–00018
W136	P109	A 3	905	L124A24 3	052	024	GA	P118	39	915	00008–00018
W136	P109 SP1			L123A24 3	010	024	GA	P109	A	905	00008–00018
W136	P109 SP1			L123B24 3	010	024	GA	P109	B	905	00008–00018
W136	P109 SP1			L123C24 3	010	024	GA	P109	C	905	00008–00018
W136	P109 SP1			L123D24 3	010	024	GA	P109	D	905	00008–00018
W136	P109 SP1			L123E24 3	042	024	GA	P118	38	915	00008–00018
W136	P110	A	905	L128A24 3	010	024	GA	P110 SP1			00008–00018
W136	P110	B	905	L128B24 3	010	024	GA	P110 SP1			00008–00018
W136	P110	C	905	L128C24 3	010	024	GA	P110 SP1			00008–00018
W136	P110	D	905	L128D24 3	010	024	GA	P110 SP1			00008–00018
W136	P110	G	905	L127A24 3	052	024	GA	P118	41	915	00008–00018
W136	P110	A 1	905	L126A24 3	052	024	GA	P118	40	915	00008–00018
W136	P110	A 3	905	L129A24 3	052	024	GA	P118	43	915	00008–00018
W136	P110 SP1			L128A24 3	010	024	GA	P110	A	905	00008–00018
W136	P110 SP1			L128B24 3	010	024	GA	P110	B	905	00008–00018
W136	P110 SP1			L128C24 3	010	024	GA	P110	C	905	00008–00018
W136	P110 SP1			L128D24 3	010	024	GA	P110	D	905	00008–00018
W136	P110 SP1			L128E24 3	042	024	GA	P118	42	915	00008–00018
W136	P112	1	936	T101F22 3	046	022	SY	P118	10	915	00008–99999
W136	P112	2	936	T92F22 3	046	022	SY	P118	1	915	00008–99999
W136	P112	3	936	T93F22 3	046	022	SY	P118	2	915	00008–99999
W136	P112	4	936	T94F22 3	046	022	SY	P118	3	915	00008–99999

Table 27. W136 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W136	P112	5	936	T95F22 3	046	022	SY	P118	4	915	00008–99999
W136	P112	6	936	T102F22 2	046	022	SY	P118	11	915	00008–99999
W136	P112	8	936	T90E22 2	046	022	SY	P118	12	915	00008–99999
W136	P112	9	936	T96F22 3	046	022	SY	P118	5	915	00008–99999
W136	P112	10	936	T97F22 3	046	022	SY	P118	6	915	00008–99999
W136	P112	11	936	T98F22 3	046	022	SY	P118	7	915	00008–99999
W136	P112	12	936	T100F22 3	046	022	SY	P118	9	915	00008–99999
W136	P112	13	936	T99F22 3	046	022	SY	P118	8	915	00008–99999
W136	P112	15	936	T91A22 2	046	022	SY	P118	13	915	00008–99999
W136	P118	1	915	T92F22 3	046	022	SY	P112	2	936	00008–99999
W136	P118	2	915	T93F22 3	046	022	SY	P112	3	936	00008–99999
W136	P118	3	915	T94F22 3	046	022	SY	P112	4	936	00008–99999
W136	P118	4	915	T95F22 3	046	022	SY	P112	5	936	00008–99999
W136	P118	5	915	T96F22 3	046	022	SY	P112	9	936	00008–99999
W136	P118	6	915	T97F22 3	046	022	SY	P112	10	936	00008–99999
W136	P118	7	915	T98F22 3	046	022	SY	P112	11	936	00008–99999
W136	P118	8	915	T99F22 3	046	022	SY	P112	13	936	00008–99999
W136	P118	9	915	T100F22 3	046	022	SY	P112	12	936	00008–99999
W136	P118	10	915	T101F22 3	046	022	SY	P112	1	936	00008–99999
W136	P118	11	915	T102F22 2	046	022	SY	P112	6	936	00008–99999
W136	P118	12	915	T90E22 2	046	022	SY	P112	8	936	00008–99999
W136	P118	13	915	T91A22 2	046	022	SY	P112	15	936	00008–99999
W136	P118	14	915	L89A24 3	049	024	GA	W136 SP1		904	00008–99999
W136	P118	15	915	L90A24 3	049	024	GA	W136 SP2		904	00008–99999
W136	P118	16	915	L91A24 3	036	024	GA	W136 SP3		904	00008–99999
W136	P118	17	915	L92A24 3	036	024	GA	W136 SP4		904	00008–99999
W136	P118	18	915	T107A22 3	034	022	SY	P108	D	A11	00012–99999
W136	P118	19	915	T105A22 3	034	022	SY	P108	A	A11	00012–99999
W136	P118	24	915	T106A22 3	034	022	SY	P108	B	A11	00012–99999
W136	P118	34	915	L55A22 3	049	022	SY	W136 SP5		904	00008–99999
W136	P118	35	915	L56A22 3	049	022	SY	W136 SP6		904	00008–99999
W136	P118	36	915	L121A24 3	052	024	GA	P109	A 1	905	00008–00018
W136	P118	37	915	L122A24 3	052	024	GA	P109	G	905	00008–00018
W136	P118	38	915	L123E24 3	042	024	GA	P109 SP1			00008–00018
W136	P118	39	915	L124A24 3	052	024	GA	P109	A 3	905	00008–00018
W136	P118	40	915	L126A24 3	052	024	GA	P110	A 1	905	00008–00018
W136	P118	41	915	L127A24 3	052	024	GA	P110	G	905	00008–00018
W136	P118	42	915	L128E24 3	042	024	GA	P110 SP1			00008–00018
W136	P118	42	915	ATTGYR3A22 3	046	022	SY	P834	A	A11	00072–99999
W136	P118	43	915	L129A24 3	052	024	GA	P110	A 3	905	00008–00018
W136	P118	43	915	ATTGYR1D22 3	046	022	SY	P834	C	A11	00072–99999

Table 27. W136 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W136	P118	44	915	ATTGYR4A22 3	046	022	SY	P834	D	A11	00072–99999
W136	P118	45	915	ATTGYR2C22 3	046	022	SY	P834	B	A11	00072–99999
W136	P118	46	915	RVSCS29B22 3	048	022	SY	A672TB1	1	102	00012–99999
W136	P118	47	915	LVSCS29D22 3	048	022	SY	A673TB1	1	102	00012–99999
W136	P118	48	915	RVSCS27B22 3	048	022	SY	A672TB1	4	102	00012–99999
W136	P118	49	915	LVSCS27D22 3	048	022	SY	A673TB1	4	102	00012–99999
W136	P118	50	915	VSCS28B22 3	048	022	SY	A673TB1	2	102	00012–99999
W136	P118	51	915	L140C22 3	048	022	SY	A673TB1	3	102	00012–99999
W136	P834	A	A11	ATTGYR3A22 3	046	022	SY	P118	42	915	00072–99999
W136	P834	B	A11	ATTGYR2C22 3	046	022	SY	P118	45	915	00072–99999
W136	P834	C	A11	ATTGYR1D22 3	046	022	SY	P118	43	915	00072–99999
W136	P834	C	A11	ATTGYR1D22 3	046	022	SY	P118	43	915	00072–99999
W136	P834	D	A11	ATTGYR4A22 3	046	022	SY	P118	44	915	00072–99999
W136	W136 SP1		904	L89A24 3	049	024	GA	P118	14	915	00008–99999
W136	W136 SP2		904	L90A24 3	049	024	GA	P118	15	915	00008–99999
W136	W136 SP3		904	L91A24 3	036	024	GA	P118	16	915	00008–99999
W136	W136 SP5		904	L55A22 3	049	022	SY	P118	34	915	00008–99999
W136	W136 SP6		904	L56A22 3	049	022	SY	P118	35	915	00008–99999

Table 28. W140 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W140	A408TB1 –B		194	E132A02 3	079	002	UM	A620W2	1	198	00008–99999
W140	A408TB1 –E		194	E200A02N 3	038	002	UM	GS402		194	00008–99999
W140	A620W2	1	198	E132A02 3	079	002	UM	A408TB1 –B		194	00008–99999
W140	GS402		194	E200A02N 3	038	002	UM	A408TB1 –E		194	00008–99999

Table 29. W141 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W141	A407TB1 –B		194	E127A02 3	077	002	UM	A620W3	1	198	00008–99999
W141	A407TB1 –E		194	E201A02N 3	030	002	UM	GS403		194	00008–99999
W141	A620W3	1	198	E127A02 3	077	002	UM	A407TB1 –B		194	00008–99999
W141	GS403		194	E201A02N 3	030	002	UM	A407TB1 –E		194	00008–99999

Table 30. W142 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W142	J305	1	915	E143B24 5WHT	062	024	RB	P360	J	918	00008–00051
W142	J305	1	915	E143B24 5WHT	062	024	RB	P360	Z	918	00052–99999
W142	J305	2	915	E144B24 5BLU	062	024	RB	P360	G	918	00052–99999
W142	J305	2	915	E144B24 5BLU	062	024	RB	P360	ZD	918	00008–00051
W142	J305	3	915	E231C24 5	006	024	ZZ	J305	SH 1	833	00008–99999
W142	J305	4	915	E145B24 5WHT	062	024	RB	P360	H	918	00052–99999
W142	J305	4	915	E145B24 5WHT	062	024	RB	P360	ZE	918	00008–00051
W142	J305	5	915	E146B24 5BLU	062	024	RB	P360	K	918	00008–00051
W142	J305	5	915	E146B24 5BLU	062	024	RB	P360	ZA	918	00052–99999
W142	J305	6	915	E232C24 5	006	024	ZZ	J305	SH 2	833	00008–99999
W142	J305	7	915	E229A24 4WHT	066	024	RB	J424	BB	918	00008–00051
W142	J305	7	915	E229A24 4WHT	066	024	RB	J424	ZA	917	00052–99999
W142	J305	8	915	E230A24 4BLU	066	024	RB	J424	H	917	00052–99999
W142	J305	8	915	E230A24 4BLU	066	024	RB	J424	LL	918	00008–00051
W142	J305	9	915	E266B24 4	006	024	ZZ	J305	SH 3	833	00008–99999
W142	J305	10	915	E183B24 4WHT	092	024	RB	P301	7	916	00008–99999
W142	J305	11	915	E184B24 4BLU	092	024	RB	P301	8	916	00008–99999
W142	J305	12	915	E247C24 4	006	024	ZZ	J305	SH 4	833	00008–99999
W142	J305	SH 1	833	E231C24 5	006	024	ZZ	J305	3	915	00008–99999
W142	J305	SH 2	833	E232C24 5	006	024	ZZ	J305	6	915	00008–99999
W142	J305	SH 3	833	E266B24 4	006	024	ZZ	J305	9	915	00008–99999
W142	J305	SH 4	833	E247C24 4	006	024	ZZ	J305	12	915	00008–99999
W142	J424	A	918	E195A24 5BLU	047	024	RB	P360	G	918	00008–00051
W142	J424	A	917	E219A24 5ORN	047	024	RC	P360	A	918	00052–99999
W142	J424	B	918	E194A24 5WHT	047	024	RB	P360	ZB	918	00008–00051
W142	J424	C	917	E195A24 5BLU	047	024	RB	P360	C	918	00052–99999
W142	J424	C	918	E213A24 5BLU	047	024	RB	P360	ZR	918	00008–00051
W142	J424	D	917	E206A24 5RED	047	024	RE	P360	D	918	00052–99999
W142	J424	D	918	E212A24 5WHT	047	024	RB	P360	CC	918	00008–00051
W142	J424	E	917	E204A24 5ORN	047	024	RE	P360	E	918	00052–99999
W142	J424	F	917	E205A24 5GRN	047	024	RE	P360	F	918	00052–99999
W142	J424	F	918	E215A24 5BLU	047	024	RC	P360	ZA	918	00008–00051
W142	J424	G	918	E214A24 5WHT	047	024	RC	P360	EE	918	00008–00051
W142	J424	G	917	E226A24 4BLU	066	024	RB	P301	2	916	00052–99999
W142	J424	H	918	E222A24 5WHT	047	024	RC	P360	ZW	918	00008–00051
W142	J424	H	917	E230A24 4BLU	066	024	RB	J305	8	915	00052–99999
W142	J424	J	918	E227A24 5WHT	066	024	RB	P301	4	916	00008–00051
W142	J424	K	917	E208A24 5BLU	047	024	RB	P360	K	918	00052–99999
W142	J424	K	918	E228A24 5BLU	066	024	RB	P301	5	916	00008–00051
W142	J424	L	917	E216A24 5ORN	047	024	RC	P360	L	918	00052–99999
W142	J424	L	918	E221A24 5BLU	047	024	RB	P360	FF	918	00008–00051

Table 30. W142 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W142	J424	M	918	E220A24 5WHT	062	024	RB	P360	ZE	918	00008–00051
W142	J424	M	917	E215A24 5BLU	047	024	RC	P360	M	918	00052–99999
W142	J424	N	917	E224A24 5ORN	047	024	RC	P360	N	918	00052–99999
W142	J424	N	918	E264A24 4	006	024	ZZ	J424	SH15	833	00008–00051
W142	J424	P	918	E225A24 4WHT	066	024	RB	P301	1	916	00008–00051
W142	J424	R	918	E207A24 5WHT	047	024	RB	P360	ZH	918	00008–00051
W142	J424	S	917	E218A24 5BLU	047	024	RC	P360	S	918	00052–99999
W142	J424	S	918	E257B24 5	006	024	ZZ	J424	SH 8	833	00008–00051
W142	J424	T	917	E217A24 5WHT	047	024	RC	P360	T	918	00052–99999
W142	J424	T	918	E217A24 5WHT	047	024	RC	P360	T	918	00008–00051
W142	J424	U	918	E218A24 5BLU	047	024	RC	P360	R	918	00008–00051
W142	J424	V	917	E194A24 5WHT	047	024	RB	P360	V	918	00052–99999
W142	J424	V	918	E219A24 5ORN	047	024	RC	P360	N	918	00008–00051
W142	J424	W	918	E200A24 5WHT	047	024	RB	P360	ZM	918	00008–00051
W142	J424	X	918	E201A24 5BLU	047	024	RB	P360	ZN	918	00008–00051
W142	J424	X	917	E203A24 5BLU	047	024	RE	P360	X	918	00052–99999
W142	J424	Y	917	E202A24 5WHT	047	024	RE	P360	Y	918	00052–99999
W142	J424	Y	918	E202A24 5WHT	047	024	RE	P360	A	918	00008–00051
W142	J424	Z	918	E204A24 5ORN	047	024	RE	P360	BB	918	00008–00051
W142	J424	Z	917	E225A24 4WHT	066	024	RB	P301	1	916	00052–99999
W142	J424	ZA	918	E203A24 5BLU	047	024	RE	P360	C	918	00008–00051
W142	J424	ZA	917	E229A24 4WHT	066	024	RB	J305	7	915	00052–99999
W142	J424	ZB	918	E193A24 5BLU	047	024	RB	P360	W	918	00008–00051
W142	J424	ZB	917	E198A24 5WHT	047	024	RB	P360	ZB	918	00052–99999
W142	J424	ZC	917	E213A24 5BLU	047	024	RB	P360	ZC	918	00052–99999
W142	J424	ZC	918	E252B24 5	006	024	ZZ	J424	SH 3	833	00008–00051
W142	J424	ZD	918	E196A24 5WHT	047	024	RB	P360	H	918	00008–00051
W142	J424	ZE	918	E259B24 5	006	024	ZZ	J424	SH10	833	00008–00051
W142	J424	ZF	917	E207A24 5WHT	047	024	RB	P360	ZF	918	00052–99999
W142	J424	ZG	917	E214A24 5WHT	047	024	RC	P360	ZG	918	00052–99999
W142	J424	ZG	918	E216A24 5ORN	047	024	RC	P360	HH	918	00008–00051
W142	J424	ZH	917	E222A24 5WHT	047	024	RC	P360	ZH	918	00052–99999
W142	J424	ZH	918	E223A24 5BLU	047	024	RC	P360	ZX	918	00008–00051
W142	J424	ZI	918	E224A24 5ORN	047	024	RC	P360	ZG	918	00008–00051
W142	J424	ZK	917	E223A24 5BLU	047	024	RC	P360	ZK	918	00052–99999
W142	J424	ZK	918	E262B24 5	006	024	ZZ	J424	SH13	833	00008–00051
W142	J424	ZM	918	E226A24 4BLU	066	024	RB	P301	2	916	00008–00051
W142	J424	ZM	917	E227A24 5WHT	066	024	RB	P301	4	916	00052–99999
W142	J424	ZN	918	E210A24 5BLU	047	024	RC	P360	ZZ	918	00008–00051
W142	J424	ZP	918	E208A24 5BLU	047	024	RB	P360	M	918	00008–00051
W142	J424	ZP	917	E228A24 5BLU	066	024	RB	P301	5	916	00052–99999

Table 30. W142 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W142	J424	ZQ	917	E200A24 5WHT	047	024	RB	P360	ZQ	918	00052–99999
W142	J424	ZQ	918	E258B24 5	006	024	ZZ	J424	SH 9	833	00008–00051
W142	J424	ZR	918	E261B24 5	006	024	ZZ	J424	SH12	833	00008–00051
W142	J424	ZS	917	E193A24 5BLU	047	024	RB	P360	ZS	918	00052–99999
W142	J424	ZS	918	E255B24 5	006	024	ZZ	J424	SH 6	833	00008–00051
W142	J424	ZT	917	E192A24 5WHT	047	024	RB	P360	ZT	918	00052–99999
W142	J424	ZT	918	E206A24 5RED	047	024	RE	P360	ZQ	918	00008–00051
W142	J424	ZU	917	E199A24 5BLU	047	024	RB	P360	ZU	918	00052–99999
W142	J424	ZU	918	E205A24 5GRN	047	024	RE	P360	V	918	00008–00051
W142	J424	ZV	917	E212A24 5WHT	047	024	RB	P360	ZV	918	00052–99999
W142	J424	ZV	918	E251B24 5	006	024	ZZ	J424	SH 2	833	00008–00051
W142	J424	ZW	918	E197A24 5BLU	047	024	RB	P360	ZC	918	00008–00051
W142	J424	ZX	918	E199A24 5BLU	047	024	RB	P360	F	918	00008–00051
W142	J424	ZX	917	E209A24 5WHT	047	024	RC	P360	ZX	918	00052–99999
W142	J424	ZY	918	E198A24 5WHT	047	024	RB	P360	ZU	918	00008–00051
W142	J424	ZY	917	E210A24 5BLU	047	024	RC	P360	ZY	918	00052–99999
W142	J424	ZZ	917	E220A24 5WHT	047	024	RB	P360	ZZ	918	00052–99999
W142	J424	ZZ	918	E260B24 5	006	024	ZZ	J424	SH11	833	00008–00051
W142	J424	AA	918	E263B24 5	006	024	ZZ	J424	SH14	833	00008–00051
W142	J424	BB	917	E201A24 5BLU	047	024	RB	P360	BB	918	00052–99999
W142	J424	BB	918	E229A24 4WHT	066	024	RB	J305	7	915	00008–00051
W142	J424	CC	917	E196A24 5WHT	047	024	RB	P360	CC	918	00052–99999
W142	J424	CC	918	E266A24 4	006	024	ZZ	J424	SH17	833	00008–00051
W142	J424	DD	917	E197A24 5BLU	047	024	RB	P360	DD	918	00052–99999
W142	J424	DD	918	E209A24 5WHT	047	024	RC	P360	P	918	00008–00051
W142	J424	EE	917	E190A24 5BLU	047	024	RB	P360	EE	918	00052–99999
W142	J424	EE	918	E190A24 5BLU	047	024	RC	P360	X	918	00008–00051
W142	J424	FF	917	E211A24 5ORN	047	024	RC	P360	FF	918	00052–99999
W142	J424	FF	918	E250B24 5	006	024	ZZ	J424	SH 1	833	00008–00051
W142	J424	GG	917	E221A24 5BLU	047	024	RB	P360	GG	918	00052–99999
W142	J424	GG	918	E256B24 5	006	024	ZZ	J424	SH 7	833	00008–00051
W142	J424	HH	917	E189A24 5WHT	047	024	RB	P360	HH	918	00052–99999
W142	J424	HH	918	E192A24 5WHT	047	024	RB	P360	Z	918	00008–00051
W142	J424	JJ	918	E253B24 5	006	024	ZZ	J424	SH 4	833	00008–00051
W142	J424	KK	918	E254B24 5	006	024	ZZ	J424	SH 5	833	00008–00051
W142	J424	LL	918	E230A24 4BLU	066	024	RB	J305	8	915	00008–00051
W142	J424	MM	918	E211A24 5ORN	047	024	RC	P360	ZK	918	00008–00051
W142	J424	NN	918	E189A24 5WHT	047	024	RC	P360	D	918	00008–00051
W142	J424	PP	918	E191A24 5ORN	047	024	RC	P360	ZT	918	00008–00051
W142	J424	Case		E250B24 5	006	024	ZZ	J424	SH 1	894	00052–99999
W142	J424	Case		E251B24 5	006	024	ZZ	J424	SH 2	894	00052–99999

Table 30. W142 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W142	J424	Case		E252B24 5	006	024	ZZ	J424	SH 3	894	00052–99999
W142	J424	Case		E253B24 5	006	024	ZZ	J424	SH 4	894	00052–99999
W142	J424	Case		E254B24 5	006	024	ZZ	J424	SH 5	894	00052–99999
W142	J424	Case		E255B24 5	006	024	ZZ	J424	SH 6	894	00052–99999
W142	J424	Case		E256B24 5	006	024	ZZ	J424	SH 7	894	00052–99999
W142	J424	Case		E257B24 5	006	024	ZZ	J424	SH 8	894	00052–99999
W142	J424	Case		E258B24 5	006	024	ZZ	J424	SH 9	894	00052–99999
W142	J424	Case		E259B24 5	006	024	ZZ	J424	SH10	894	00052–99999
W142	J424	Case		E260B24 5	006	024	ZZ	J424	SH11	894	00052–99999
W142	J424	Case		E261B24 5	006	024	ZZ	J424	SH12	894	00052–99999
W142	J424	Case		E262B24 5	006	024	ZZ	J424	SH13	894	00052–99999
W142	J424	Case		E263B24 5	006	024	ZZ	J424	SH14	894	00052–99999
W142	J424	Case		E264A24 4	006	024	ZZ	J424	SH15	894	00052–99999
W142	J424	Case		E265A24 5	006	024	ZZ	J424	SH16	894	00052–99999
W142	J424	Case		E266A24 4	006	024	ZZ	J424	SH17	894	00052–99999
W142	J424	SH 1	833	E250B24 5	006	024	ZZ	J424	FF	918	00008–00051
W142	J424	SH 1	894	E250B24 5	006	024	ZZ	J424	Case		00052–99999
W142	J424	SH 2	833	E251B24 5	006	024	ZZ	J424	ZV	918	00008–00051
W142	J424	SH 2	894	E251B24 5	006	024	ZZ	J424	Case		00052–99999
W142	J424	SH 3	833	E252B24 5	006	024	ZZ	J424	ZC	918	00008–00051
W142	J424	SH 3	894	E252B24 5	006	024	ZZ	J424	Case		00052–99999
W142	J424	SH 4	833	E253B24 5	006	024	ZZ	J424	JJ	918	00008–00051
W142	J424	SH 4	894	E253B24 5	006	024	ZZ	J424	Case		00052–99999
W142	J424	SH 5	833	E254B24 5	006	024	ZZ	J424	KK	918	00008–00051
W142	J424	SH 5	894	E254B24 5	006	024	ZZ	J424	Case		00052–99999
W142	J424	SH 6	833	E255B24 5	006	024	ZZ	J424	ZS	918	00008–00051
W142	J424	SH 6	894	E255B24 5	006	024	ZZ	J424	Case		00052–99999
W142	J424	SH 7	833	E256B24 5	006	024	ZZ	J424	GG	918	00008–00051
W142	J424	SH 7	894	E256B24 5	006	024	ZZ	J424	Case		00052–99999
W142	J424	SH 8	833	E257B24 5	006	024	ZZ	J424	S	918	00008–00051
W142	J424	SH 8	894	E257B24 5	006	024	ZZ	J424	Case		00052–99999
W142	J424	SH 9	833	E258B24 5	006	024	ZZ	J424	ZQ	918	00008–00051
W142	J424	SH 9	894	E258B24 5	006	024	ZZ	J424	Case		00052–99999
W142	J424	SH10	833	E259B24 5	006	024	ZZ	J424	ZE	918	00008–00051
W142	J424	SH10	894	E259B24 5	006	024	ZZ	J424	Case		00052–99999
W142	J424	SH11	833	E260B24 5	006	024	ZZ	J424	ZZ	918	00008–00051
W142	J424	SH11	894	E260B24 5	006	024	ZZ	J424	Case		00052–99999
W142	J424	SH12	833	E261B24 5	006	024	ZZ	J424	ZR	918	00008–00051
W142	J424	SH12	894	E261B24 5	006	024	ZZ	J424	Case		00052–99999
W142	J424	SH13	833	E262B24 5	006	024	ZZ	J424	ZK	918	00008–00051
W142	J424	SH13	894	E262B24 5	006	024	ZZ	J424	Case		00052–99999

Table 30. W142 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W142	J424	SH13		E265A24 5	006	024	ZZ	J424	SH16	833	00008–00051
W142	J424	SH14	833	E263B24 5	006	024	ZZ	J424	AA	918	00008–00051
W142	J424	SH14	894	E263B24 5	006	024	ZZ	J424	Case		00052–99999
W142	J424	SH15	833	E264A24 4	006	024	ZZ	J424	N	918	00008–00051
W142	J424	SH15	894	E264A24 4	006	024	ZZ	J424	Case		00052–99999
W142	J424	SH16	833	E265A24 5	006	024	ZZ	J424	SH13		00008–00051
W142	J424	SH16	894	E265A24 5	006	024	ZZ	J424	Case		00052–99999
W142	J424	SH17	833	E266A24 4	006	024	ZZ	J424	CC	918	00008–00051
W142	J424	SH17	894	E266A24 4	006	024	ZZ	J424	Case		00052–99999
W142	P301	1	916	E225A24 4WHT	066	024	RB	J424	P	918	00008–00051
W142	P301	1	916	E225A24 4WHT	066	024	RB	J424	Z	917	00052–99999
W142	P301	2	916	E226A24 4BLU	066	024	RB	J424	G	917	00052–99999
W142	P301	2	916	E226A24 4BLU	066	024	RB	J424	ZM	918	00008–00051
W142	P301	3	916	E264B24 4	006	024	ZZ	P301	SH 1	833	00008–99999
W142	P301	4	916	E227A24 5WHT	066	024	RB	J424	J	918	00008–00051
W142	P301	4	916	E227A24 5WHT	066	024	RB	J424	ZM	917	00052–99999
W142	P301	5	916	E228A24 5BLU	066	024	RB	J424	K	918	00008–00051
W142	P301	5	916	E228A24 5BLU	066	024	RB	J424	ZP	917	00052–99999
W142	P301	6	916	E265B24 5	006	024	ZZ	P301	SH 2	833	00008–99999
W142	P301	7	916	E183B24 4WHT	092	024	RB	J305	10	915	00008–99999
W142	P301	8	916	E184B24 4BLU	092	024	RB	J305	11	915	00008–99999
W142	P301	9	916	E247D24 4	006	024	ZZ	P301	SH 3	833	00008–99999
W142	P301	SH 1	833	E264B24 4	006	024	ZZ	P301	3	916	00008–99999
W142	P301	SH 2	833	E265B24 5	006	024	ZZ	P301	6	916	00008–99999
W142	P301	SH 3	833	E247D24 4	006	024	ZZ	P301	9	916	00008–99999
W142	P360	A	918	E219A24 5ORN	047	024	RC	J424	A	917	00052–99999
W142	P360	A	918	E202A24 5WHT	047	024	RE	J424	Y	918	00008–00051
W142	P360	C	918	E195A24 5BLU	047	024	RB	J424	C	917	00052–99999
W142	P360	C	918	E203A24 5BLU	047	024	RE	J424	ZA	918	00008–00051
W142	P360	D	918	E206A24 5RED	047	024	RE	J424	D	917	00052–99999
W142	P360	D	918	E189A24 5WHT	047	024	RC	J424	NN	918	00008–00051
W142	P360	F	918	E205A24 5GRN	047	024	RE	J424	F	917	00052–99999
W142	P360	F	918	E199A24 5BLU	047	024	RB	J424	ZX	918	00008–00051
W142	P360	G	918	E144B24 5BLU	062	024	RB	J305	2	915	00052–99999
W142	P360	G	918	E195A24 5BLU	047	024	RB	J424	A	918	00008–00051
W142	P360	H	918	E145B24 5WHT	062	024	RB	J305	4	915	00052–99999
W142	P360	H	918	E196A24 5WHT	047	024	RB	J424	ZD	918	00008–00051
W142	P360	J	918	E143B24 5WHT	062	024	RB	J305	1	915	00008–00051
W142	P360	E	918	E204A24 5ORN	047	024	RE	J305	1	915	00008–00051
W142	P360	K	918	E146B24 5BLU	062	024	RB	J305	5	915	00008–00051
W142	P360	K	918	E208A24 5BLU	047	024	RB	J424	K	917	00052–99999

Table 30. W142 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W142	P360	L	918	E216A24 5ORN	047	024	RC	J424	L	917	00052–99999
W142	P360	M	918	E215A24 5BLU	047	024	RC	J424	M	917	00052–99999
W142	P360	M	918	E208A24 5BLU	047	024	RB	J424	ZP	918	00008–00051
W142	P360	N	918	E224A24 5ORN	047	024	RC	J424	N	917	00052–99999
W142	P360	N	918	E219A24 5ORN	047	024	RC	J424	V	918	00008–00051
W142	P360	P	918	E209A24 5WHT	047	024	RC	J424	DD	918	00008–00051
W142	P360	R	918	E218A24 5BLU	047	024	RC	J424	U	918	00008–00051
W142	P360	S	918	E218A24 5BLU	047	024	RC	J424	S	917	00052–99999
W142	P360	T	918	E217A24 5WHT	047	024	RC	J424	T	917	00052–99999
W142	P360	T	918	E217A24 5WHT	047	024	RC	J424	T	918	00008–00051
W142	P360	V	918	E194A24 5WHT	047	024	RB	J424	V	917	00052–99999
W142	P360	V	918	E205A24 5GRN	047	024	RE	J424	ZU	918	00008–00051
W142	P360	W	918	E193A24 5BLU	047	024	RB	J424	ZB	918	00008–00051
W142	P360	X	918	E190A24 5BLU	047	024	RC	J424	EE	918	00008–00051
W142	P360	X	918	E203A24 5BLU	047	024	RE	J424	X	917	00052–99999
W142	P360	Y	918	E202A24 5WHT	047	024	RE	J424	Y	917	00052–99999
W142	P360	Z	918	E143B24 5WHT	062	024	RB	J305	1	915	00052–99999
W142	P360	Z	918	E192A24 5WHT	047	024	RB	J424	HH	918	00008–00051
W142	P360	ZA	918	E146B24 5BLU	062	024	RB	J305	5	915	00052–99999
W142	P360	ZA	918	E215A24 5BLU	047	024	RC	J424	F	918	00008–00051
W142	P360	ZB	918	E194A24 5WHT	047	024	RB	J424	B	918	00008–00051
W142	P360	ZB	918	E198A24 5WHT	047	024	RB	J424	ZB	917	00052–99999
W142	P360	ZC	918	E213A24 5BLU	047	024	RB	J424	ZC	917	00052–99999
W142	P360	ZC	918	E197A24 5BLU	047	024	RB	J424	ZW	918	00008–00051
W142	P360	ZD	918	E144B24 5BLU	062	024	RB	J305	2	915	00008–00051
W142	P360	ZE	918	E145B24 5WHT	062	024	RB	J305	4	915	00008–00051
W142	P360	ZF	918	E207A24 5WHT	047	024	RB	J424	ZF	917	00052–99999
W142	P360	ZG	918	E214A24 5WHT	047	024	RC	J424	ZG	917	00052–99999
W142	P360	ZG	918	E224A24 5ORN	047	024	RC	J424	ZI	918	00008–00051
W142	P360	ZH	918	E207A24 5WHT	047	024	RB	J424	R	918	00008–00051
W142	P360	ZH	918	E222A24 5WHT	047	024	RC	J424	ZH	917	00052–99999
W142	P360	ZK	918	E211A24 5ORN	047	024	RC	J424	MM	918	00008–00051
W142	P360	ZK	918	E223A24 5BLU	047	024	RC	J424	ZK	917	00052–99999
W142	P360	ZM	918	E200A24 5WHT	047	024	RB	J424	W	918	00008–00051
W142	P360	ZN	918	E201A24 5BLU	047	024	RB	J424	X	918	00008–00051
W142	P360	ZQ	918	E200A24 5WHT	047	024	RB	J424	ZQ	917	00052–99999
W142	P360	ZQ	918	E206A24 5RED	047	024	RE	J424	ZT	918	00008–00051
W142	P360	ZR	918	E213A24 5BLU	047	024	RB	J424	C	918	00008–00051
W142	P360	ZS	918	E193A24 5BLU	047	024	RB	J424	ZS	917	00052–99999
W142	P360	ZT	918	E191A24 5ORN	047	024	RC	J424	PP	918	00008–00051
W142	P360	ZT	918	E192A24 5WHT	047	024	RB	J424	ZT	917	00052–99999

Table 30. W142 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W142	P360	ZU	918	E199A24 5BLU	047	024	RB	J424	ZU	917	00052–99999
W142	P360	ZU	918	E198A24 5WHT	047	024	RB	J424	ZY	918	00008–00051
W142	P360	ZV	918	E212A24 5WHT	047	024	RB	J424	ZV	917	00052–99999
W142	P360	ZW	918	E222A24 5WHT	047	024	RC	J424	H	918	00008–00051
W142	P360	ZX	918	E223A24 5BLU	047	024	RC	J424	ZH	918	00008–00051
W142	P360	ZX	918	E209A24 5WHT	047	024	RC	J424	ZX	917	00052–99999
W142	P360	ZY	918	E210A24 5BLU	047	024	RC	J424	ZY	917	00052–99999
W142	P360	ZZ	918	E210A24 5BLU	047	024	RC	J424	ZN	918	00008–00051
W142	P360	ZZ	918	E220A24 5WHT	047	024	RB	J424	ZZ	917	00052–99999
W142	P360	BB	918	E201A24 5BLU	047	024	RB	J424	BB	917	00052–99999
W142	P360	BB	918	E204A24 5ORN	047	024	RE	J424	Z	918	00008–00051
W142	P360	CC	918	E196A24 5WHT	047	024	RB	J424	CC	917	00052–99999
W142	P360	CC	918	E212A24 5WHT	047	024	RB	J424	D	918	00008–00051
W142	P360	DD	918	E197A24 5BLU	047	024	RB	J424	DD	917	00052–99999
W142	P360	DD	918	E220A24 5WHT	047	024	RB	J424	M	918	00008–00051
W142	P360	EE	918	E190A24 5BLU	047	024	RB	J424	EE	917	00052–99999
W142	P360	EE	918	E214A24 5WHT	047	024	RC	J424	G	918	00008–00051
W142	P360	FF	918	E211A24 5ORN	047	024	RC	J424	FF	917	00052–99999
W142	P360	FF	918	E221A24 5BLU	047	024	RB	J424	L	918	00008–00051
W142	P360	GG	918	E221A24 5BLU	047	024	RB	J424	GG	917	00052–99999
W142	P360	HH	918	E189A24 5WHT	047	024	RB	J424	HH	917	00052–99999
W142	P360	HH	918	E216A24 5ORN	047	024	RC	J424	ZG	918	00008–00051
W142	P360	Case		E250A24 5	006	024	ZZ	P360	SH 1	843	00008–00051
W142	P360	Case		E250A24 5	006	024	ZZ	P360	SH 1	894	00052–99999
W142	P360	Case		E251A24 5	006	024	ZZ	P360	SH 2	843	00008–00051
W142	P360	Case		E251A24 5	006	024	ZZ	P360	SH 2	894	00052–99999
W142	P360	Case		E252A24 5	006	024	ZZ	P360	SH 3	843	00008–00051
W142	P360	Case		E252A24 5	006	024	ZZ	P360	SH 3	894	00052–99999
W142	P360	Case		E253A24 5	006	024	ZZ	P360	SH 4	843	00008–00051
W142	P360	Case		E253A24 5	006	024	ZZ	P360	SH 4	894	00052–99999
W142	P360	Case		E254A24 5	006	024	ZZ	P360	SH 5	843	00008–00051
W142	P360	Case		E254A24 5	006	024	ZZ	P360	SH 5	894	00052–99999
W142	P360	Case		E255A24 5	006	024	ZZ	P360	SH 6	843	00008–00051
W142	P360	Case		E255A24 5	006	024	ZZ	P360	SH 6	894	00052–99999
W142	P360	Case		E256A24 5	006	024	ZZ	P360	SH 7	843	00008–00051
W142	P360	Case		E256A24 5	006	024	ZZ	P360	SH 7	894	00052–99999
W142	P360	Case		E257A24 5	006	024	ZZ	P360	SH 8	843	00008–00051
W142	P360	Case		E257A24 5	006	024	ZZ	P360	SH 8	894	00052–99999
W142	P360	Case		E258A24 5	006	024	ZZ	P360	SH 9	843	00008–00051
W142	P360	Case		E258A24 5	006	024	ZZ	P360	SH 9	894	00052–99999
W142	P360	Case		E259A24 5	006	024	ZZ	P360	SH10	843	00008–00051

Table 30. W142 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W142	P360	Case		E259A24 5	006	024	ZZ	P360	SH10	894	00052–99999
W142	P360	Case		E260A24 5	006	024	ZZ	P360	SH11	843	00008–00051
W142	P360	Case		E260A24 5	006	024	ZZ	P360	SH11	894	00052–99999
W142	P360	Case		E261A24 5	006	024	ZZ	P360	SH12	843	00008–00051
W142	P360	Case		E261A24 5	006	024	ZZ	P360	SH12	894	00052–99999
W142	P360	Case		E262A24 5	006	024	ZZ	P360	SH13	843	00008–00051
W142	P360	Case		E262A24 5	006	024	ZZ	P360	SH13	894	00052–99999
W142	P360	Case		E263A24 5	006	024	ZZ	P360	SH14	843	00008–00051
W142	P360	Case		E263A24 5	006	024	ZZ	P360	SH14	894	00052–99999
W142	P360	SH 1	843	E250A24 5	006	024	ZZ	P360	Case		00008–00051
W142	P360	SH 1	894	E250A24 5	006	024	ZZ	P360	Case		00052–99999
W142	P360	SH 2	843	E251A24 5	006	024	ZZ	P360	Case		00008–00051
W142	P360	SH 2	894	E251A24 5	006	024	ZZ	P360	Case		00052–99999
W142	P360	SH 3	843	E252A24 5	006	024	ZZ	P360	Case		00008–00051
W142	P360	SH 3	894	E252A24 5	006	024	ZZ	P360	Case		00052–99999
W142	P360	SH 4	843	E253A24 5	006	024	ZZ	P360	Case		00008–00051
W142	P360	SH 4	894	E253A24 5	006	024	ZZ	P360	Case		00052–99999
W142	P360	SH 5	843	E254A24 5	006	024	ZZ	P360	Case		00008–00051
W142	P360	SH 5	894	E254A24 5	006	024	ZZ	P360	Case		00052–99999
W142	P360	SH 6	843	E255A24 5	006	024	ZZ	P360	Case		00008–00051
W142	P360	SH 6	894	E255A24 5	006	024	ZZ	P360	Case		00052–99999
W142	P360	SH 7	843	E256A24 5	006	024	ZZ	P360	Case		00008–00051
W142	P360	SH 7	894	E256A24 5	006	024	ZZ	P360	Case		00052–99999
W142	P360	SH 8	843	E257A24 5	006	024	ZZ	P360	Case		00008–00051
W142	P360	SH 8	894	E257A24 5	006	024	ZZ	P360	Case		00052–99999
W142	P360	SH 9	843	E258A24 5	006	024	ZZ	P360	Case		00008–00051
W142	P360	SH 9	894	E258A24 5	006	024	ZZ	P360	Case		00052–99999
W142	P360	SH10	843	E259A24 5	006	024	ZZ	P360	Case		00008–00051
W142	P360	SH10	894	E259A24 5	006	024	ZZ	P360	Case		00052–99999
W142	P360	SH11	843	E260A24 5	006	024	ZZ	P360	Case		00008–00051
W142	P360	SH11	894	E260A24 5	006	024	ZZ	P360	Case		00052–99999
W142	P360	SH12	843	E261A24 5	006	024	ZZ	P360	Case		00008–00051
W142	P360	SH12	894	E261A24 5	006	024	ZZ	P360	Case		00052–99999
W142	P360	SH13	843	E262A24 5	006	024	ZZ	P360	Case		00008–00051
W142	P360	SH13	894	E262A24 5	006	024	ZZ	P360	Case		00052–99999
W142	P360	SH14	843	E263A24 5	006	024	ZZ	P360	Case		00008–00051
W142	P360	SH14	894	E263A24 5	006	024	ZZ	P360	Case		00052–99999

Table 31. W143 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W143	J423	A	918	E153A24 5BLU	047	024	RB	P361	G	918	00008–00051
W143	J423	A	917	E177A24 5ORN	047	024	RC	P361	A	918	00052–99999
W143	J423	B	918	E152A24 5WHT	047	024	RB	P361	ZB	918	00008–00051
W143	J423	C	917	E153A24 5BLU	047	024	RB	P361	C	918	00052–99999
W143	J423	C	918	E171A24 5BLU	047	024	RB	P361	ZR	918	00008–00051
W143	J423	D	917	E164A24 5RED	047	024	RE	P361	D	918	00052–99999
W143	J423	D	918	E170A24 5WHT	047	024	RB	P361	CC	918	00008–00051
W143	J423	E	917	E162A24 5ORN	047	024	RE	P361	E	918	00052–99999
W143	J423	F	917	E163A24 5GRN	047	024	RE	P361	F	918	00052–99999
W143	J423	F	918	E173A24 5BLU	047	024	RC	P361	ZA	918	00008–00051
W143	J423	G	918	E172A24 5WHT	047	024	RC	P361	EE	918	00008–00051
W143	J423	G	917	E186A24 5BLU	037	024	RB	P303	5	916	00052–99999
W143	J423	H	918	E180A24 5WHT	047	024	RC	P361	ZW	918	00008–00051
W143	J423	H	917	E184A24 5BLU	037	024	RB	P305	11	916	00052–99999
W143	J423	J	918	E187A24 5WHT	037	024	RB	P303	7	916	00008–00051
W143	J423	K	917	E166A24 5BLU	047	024	RB	P361	K	918	00052–99999
W143	J423	K	918	E188A24 5BLU	037	024	RB	P303	8	916	00008–00051
W143	J423	L	917	E174A24 5ORN	047	024	RC	P361	L	918	00052–99999
W143	J423	L	918	E179A24 5BLU	047	024	RB	P361	FF	918	00008–00051
W143	J423	M	917	E173A24 5BLU	047	024	RC	P361	M	918	00052–99999
W143	J423	M	918	E178A24 5WHT	047	024	RB	P361	DD	918	00008–00051
W143	J423	N	917	E182A24 5ORN	047	024	RC	P361	N	918	00052–99999
W143	J423	N	918	E248A24 5	006	024	ZZ	J423	SH16	833	00008–00051
W143	J423	P	918	E185A24 5WHT	037	024	RB	P303	4	916	00008–00051
W143	J423	R	918	E165A24 5WHT	047	024	RB	P361	ZH	918	00008–00051
W143	J423	S	917	E176A24 5BLU	047	024	RC	P361	S	918	00052–99999
W143	J423	S	918	E240B24 5	006	024	ZZ	J423	SH 8	833	00008–00051
W143	J423	T	917	E175A24 5WHT	047	024	RC	P361	T	918	00052–99999
W143	J423	T	918	E175A24 5WHT	047	024	RC	P361	T	918	00008–00051
W143	J423	U	918	E176A24 5BLU	047	024	RC	P361	R	918	00008–00051
W143	J423	V	917	E152A24 5WHT	047	024	RB	P361	V	918	00052–99999
W143	J423	V	918	E177A24 5ORN	047	024	RC	P361	N	918	00008–00051
W143	J423	W	918	E158A24 5WHT	047	024	RB	P361	ZM	918	00008–00051
W143	J423	X	918	E159A24 5BLU	047	024	RB	P361	ZN	918	00008–00051
W143	J423	X	917	E161A24 5BLU	047	024	RE	P361	X	918	00052–99999
W143	J423	Y	917	E160A24 5WHT	047	024	RE	P361	Y	918	00052–99999
W143	J423	Y	918	E160A24 5WHT	047	024	RE	P361	A	918	00008–00051
W143	J423	Z	918	E162A24 5ORN	047	024	RE	P361	BB	918	00008–00051
W143	J423	Z	917	E185A24 5WHT	037	024	RB	P303	4	916	00052–99999
W143	J423	ZA	918	E161A24 5BLU	047	024	RE	P361	C	918	00008–00051
W143	J423	ZA	917	E183A24 5WHT	037	024	RB	P305	10	916	00052–99999

Table 31. W143 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W143	J423	ZB	918	E151A24 5BLU	047	024	RB	P361	W	918	00008–00051
W143	J423	ZB	917	E156A24 5WHT	047	024	RB	P361	ZB	918	00052–99999
W143	J423	ZC	917	E171A24 5BLU	047	024	RB	P361	ZC	918	00052–99999
W143	J423	ZC	918	E235B24 5	006	024	ZZ	J423	SH 3	833	00008–00051
W143	J423	ZD	918	E154A24 5WHT	047	024	RB	P361	H	918	00008–00051
W143	J423	ZE	918	E242B24 5	006	024	ZZ	J423	SH10	833	00008–00051
W143	J423	ZF	917	E165A24 5WHT	047	024	RB	P361	ZF	918	00052–99999
W143	J423	ZG	917	E172A24 5WHT	047	024	RC	P361	ZG	918	00052–99999
W143	J423	ZG	918	E174A24 5ORN	047	024	RC	P361	HH	918	00008–00051
W143	J423	ZH	917	E180A24 5WHT	047	024	RC	P361	ZH	918	00052–99999
W143	J423	ZH	918	E181A24 5BLU	047	024	RC	P361	ZX	918	00008–00051
W143	J423	ZI	918	E182A24 5ORN	047	024	RC	P361	ZG	918	00008–00051
W143	J423	ZK	917	E181A24 5BLU	047	024	RC	P361	ZK	918	00052–99999
W143	J423	ZK	918	E245B24 5	006	024	ZZ	J423	SH13	833	00008–00051
W143	J423	ZM	918	E186A24 5BLU	037	024	RB	P303	5	916	00008–00051
W143	J423	ZM	917	E187A24 5WHT	037	024	RB	P303	7	916	00052–99999
W143	J423	ZN	918	E168A24 5BLU	047	024	RC	P361	ZZ	918	00008–00051
W143	J423	ZP	918	E166A24 5BLU	047	024	RB	P361	M	918	00008–00051
W143	J423	ZP	917	E188A24 5BLU	037	024	RB	P303	8	916	00052–99999
W143	J423	ZQ	917	E158A24 5WHT	047	024	RB	P361	ZQ	918	00052–99999
W143	J423	ZQ	918	E241B24 5	006	024	ZZ	J423	SH 9	833	00008–00051
W143	J423	ZR	918	E244B24 5	006	024	ZZ	J423	SH12	833	00008–00051
W143	J423	ZS	917	E151A24 5BLU	047	024	RB	P361	ZS	918	00052–99999
W143	J423	ZS	918	E238B24 5	006	024	ZZ	J423	SH 6	833	00008–00051
W143	J423	ZT	917	E150A24 5WHT	047	024	RB	P361	ZT	918	00052–99999
W143	J423	ZT	918	E164A24 5RED	047	024	RE	P361	ZQ	918	00008–00051
W143	J423	ZU	917	E157A24 5BLU	047	024	RB	P361	ZU	918	00052–99999
W143	J423	ZU	918	E163A24 5GRN	047	024	RE	P361	V	918	00008–00051
W143	J423	ZV	917	E170A24 5WHT	047	024	RB	P361	ZV	918	00052–99999
W143	J423	ZV	918	E234B24 5	006	024	ZZ	J423	SH 2	833	00008–00051
W143	J423	ZW	918	E155A24 5BLU	047	024	RB	P361	ZC	918	00008–00051
W143	J423	ZX	918	E157A24 5BLU	047	024	RB	P361	F	918	00008–00051
W143	J423	ZX	917	E167A24 5WHT	047	024	RC	P361	ZX	918	00052–99999
W143	J423	ZY	918	E156A24 5WHT	047	024	RB	P361	ZU	918	00008–00051
W143	J423	ZY	917	E168A24 5BLU	047	024	RC	P361	ZY	918	00052–99999
W143	J423	ZZ	917	E178A24 5WHT	047	024	RB	P361	ZZ	918	00052–99999
W143	J423	ZZ	918	E243B24 5	006	024	ZZ	J423	SH11	833	00008–00051
W143	J423	AA	918	E246B24 5	006	024	ZZ	J423	SH14	833	00008–00051
W143	J423	BB	917	E159A24 5BLU	047	024	RB	P361	BB	918	00052–99999
W143	J423	BB	918	E183A24 5WHT	037	024	RB	P305	10	916	00008–00051
W143	J423	CC	917	E154A24 5WHT	047	024	RB	P361	CC	918	00052–99999

Table 31. W143 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W143	J423	CC	918	E247A24 5	006	024	ZZ	J423	SH15	833	00008–00051
W143	J423	DD	917	E155A24 5BLU	047	024	RB	P361	DD	918	00052–99999
W143	J423	DD	918	E167A24 5WHT	047	024	RC	P361	P	918	00008–00051
W143	J423	EE	917	E148A24 5BLU	047	024	RB	P361	EE	918	00052–99999
W143	J423	EE	918	E148A24 5BLU	047	024	RC	P361	X	918	00008–00051
W143	J423	FF	917	E169A24 5ORN	047	024	RC	P361	FF	918	00052–99999
W143	J423	FF	918	E233B24 5	006	024	ZZ	J423	SH 1	833	00008–00051
W143	J423	GG	917	E179A24 5BLU	047	024	RB	P361	GG	918	00052–99999
W143	J423	GG	918	E239B24 5	006	024	ZZ	J423	SH 7	833	00008–00051
W143	J423	HH	917	E147A24 5WHT	047	024	RB	P361	HH	918	00052–99999
W143	J423	HH	918	E150A24 5WHT	047	024	RB	P361	Z	918	00008–00051
W143	J423	JJ	918	E236B24 5	006	024	ZZ	J423	SH 4	833	00008–00051
W143	J423	KK	918	E237B24 5	006	024	ZZ	J423	SH 5	833	00008–00051
W143	J423	LL	918	E184A24 5BLU	037	024	RB	P305	11	916	00008–00051
W143	J423	MM	918	E169A24 5ORN	047	024	RC	P361	ZK	918	00008–00051
W143	J423	NN	918	E147A24 5WHT	047	024	RC	P361	D	918	00008–00051
W143	J423	PP	918	E149A24 5ORN	047	024	RC	P361	ZT	918	00008–00051
W143	J423	Case		E233B24 5	006	024	ZZ	J423	SH 1	894	00052–99999
W143	J423	Case		E234B24 5	006	024	ZZ	J423	SH 2	894	00052–99999
W143	J423	Case		E235B24 5	006	024	ZZ	J423	SH 3	894	00052–99999
W143	J423	Case		E236B24 5	006	024	ZZ	J423	SH 4	894	00052–99999
W143	J423	Case		E237B24 5	006	024	ZZ	J423	SH 5	894	00052–99999
W143	J423	Case		E238B24 5	006	024	ZZ	J423	SH 6	894	00052–99999
W143	J423	Case		E239B24 5	006	024	ZZ	J423	SH 7	894	00052–99999
W143	J423	Case		E240B24 5	006	024	ZZ	J423	SH 8	894	00052–99999
W143	J423	Case		E241B24 5	006	024	ZZ	J423	SH 9	894	00052–99999
W143	J423	Case		E242B24 5	006	024	ZZ	J423	SH10	894	00052–99999
W143	J423	Case		E243B24 5	006	024	ZZ	J423	SH11	894	00052–99999
W143	J423	Case		E244B24 5	006	024	ZZ	J423	SH12	894	00052–99999
W143	J423	Case		E245B24 5	006	024	ZZ	J423	SH13	894	00052–99999
W143	J423	Case		E246B24 5	006	024	ZZ	J423	SH14	894	00052–99999
W143	J423	Case		E247A24 5	006	024	ZZ	J423	SH15	894	00052–99999
W143	J423	Case		E248A24 5	006	024	ZZ	J423	SH16	894	00052–99999
W143	J423	Case		E249A24 5	006	024	ZZ	J423	SH17	894	00052–99999
W143	J423	SH 1	833	E233B24 5	006	024	ZZ	J423	FF	918	00008–00051
W143	J423	SH 1	894	E233B24 5	006	024	ZZ	J423	Case		00052–99999
W143	J423	SH 2	833	E234B24 5	006	024	ZZ	J423	ZV	918	00008–00051
W143	J423	SH 2	894	E234B24 5	006	024	ZZ	J423	Case		00052–99999
W143	J423	SH 3	833	E235B24 5	006	024	ZZ	J423	ZC	918	00008–00051
W143	J423	SH 3	894	E235B24 5	006	024	ZZ	J423	Case		00052–99999
W143	J423	SH 4	833	E236B24 5	006	024	ZZ	J423	JJ	918	00008–00051

Table 31. W143 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W143	J423	SH 4	894	E236B24 5	006	024	ZZ	J423	Case		00052–99999
W143	J423	SH 5	833	E237B24 5	006	024	ZZ	J423	KK	918	00008–00051
W143	J423	SH 5	894	E237B24 5	006	024	ZZ	J423	Case		00052–99999
W143	J423	SH 6	833	E238B24 5	006	024	ZZ	J423	ZS	918	00008–00051
W143	J423	SH 6	894	E238B24 5	006	024	ZZ	J423	Case		00052–99999
W143	J423	SH 7	833	E239B24 5	006	024	ZZ	J423	GG	918	00008–00051
W143	J423	SH 7	894	E239B24 5	006	024	ZZ	J423	Case		00052–99999
W143	J423	SH 8	833	E240B24 5	006	024	ZZ	J423	S	918	00008–00051
W143	J423	SH 8	894	E240B24 5	006	024	ZZ	J423	Case		00052–99999
W143	J423	SH 9	833	E241B24 5	006	024	ZZ	J423	ZQ	918	00008–00051
W143	J423	SH 9	894	E241B24 5	006	024	ZZ	J423	Case		00052–99999
W143	J423	SH10	833	E242B24 5	006	024	ZZ	J423	ZE	918	00008–00051
W143	J423	SH10	894	E242B24 5	006	024	ZZ	J423	Case		00052–99999
W143	J423	SH11	833	E243B24 5	006	024	ZZ	J423	ZZ	918	00008–00051
W143	J423	SH11	894	E243B24 5	006	024	ZZ	J423	Case		00052–99999
W143	J423	SH12	833	E244B24 5	006	024	ZZ	J423	ZR	918	00008–00051
W143	J423	SH12	894	E244B24 5	006	024	ZZ	J423	Case		00052–99999
W143	J423	SH13	833	E245B24 5	006	024	ZZ	J423	ZK	918	00008–00051
W143	J423	SH13	894	E245B24 5	006	024	ZZ	J423	Case		00052–99999
W143	J423	SH13		E249A24 5	006	024	ZZ	J423	SH17	833	00008–00051
W143	J423	SH14	833	E246B24 5	006	024	ZZ	J423	AA	918	00008–00051
W143	J423	SH14	894	E246B24 5	006	024	ZZ	J423	Case		00052–99999
W143	J423	SH15	833	E247A24 5	006	024	ZZ	J423	CC	918	00008–00051
W143	J423	SH15	894	E247A24 5	006	024	ZZ	J423	Case		00052–99999
W143	J423	SH16	833	E248A24 5	006	024	ZZ	J423	N	918	00008–00051
W143	J423	SH16	894	E248A24 5	006	024	ZZ	J423	Case		00052–99999
W143	J423	SH17	833	E249A24 5	006	024	ZZ	J423	SH13		00008–00051
W143	J423	SH17	894	E249A24 5	006	024	ZZ	J423	Case		00052–99999
W143	P303	1	916	E229B24 5WHT	043	024	RB	P305	7	916	00008–99999
W143	P303	2	916	E230B24 5BLU	043	024	RB	P305	8	916	00008–99999
W143	P303	3	916	E266D24 5	006	024	ZZ	P303	SH 1	833	00008–99999
W143	P303	4	916	E185A24 5WHT	037	024	RB	J423	P	918	00008–00051
W143	P303	4	916	E185A24 5WHT	037	024	RB	J423	Z	917	00052–99999
W143	P303	5	916	E186A24 5BLU	037	024	RB	J423	G	917	00052–99999
W143	P303	5	916	E186A24 5BLU	037	024	RB	J423	ZM	918	00008–00051
W143	P303	6	916	E248B24 5	006	024	ZZ	P303	SH 2	833	00008–99999
W143	P303	7	916	E187A24 5WHT	037	024	RB	J423	J	918	00008–00051
W143	P303	7	916	E187A24 5WHT	037	024	RB	J423	ZM	917	00052–99999
W143	P303	8	916	E188A24 5BLU	037	024	RB	J423	K	918	00008–00051
W143	P303	8	916	E188A24 5BLU	037	024	RB	J423	ZP	917	00052–99999
W143	P303	9	916	E249B24 5	006	024	ZZ	P303	SH 3	833	00008–99999

Table 31. W143 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W143	P303	SH 1	833	E266D24 5	006	024	ZZ	P303	3	916	00008–99999
W143	P303	SH 2	833	E248B24 5	006	024	ZZ	P303	6	916	00008–99999
W143	P303	SH 3	833	E249B24 5	006	024	ZZ	P303	9	916	00008–99999
W143	P305	1	916	E143A24 5WHT	034	024	RB	P361	H	918	00052–99999
W143	P305	1	916	E143A24 5WHT	034	024	RB	P361	ZE	918	00008–00051
W143	P305	2	916	E144A24 5BLU	034	024	RB	P361	K	918	00008–00051
W143	P305	2	916	E144A24 5BLU	034	024	RB	P361	ZA	918	00052–99999
W143	P305	3	916	E231B24 5	006	024	ZZ	P305	SH 1	833	00008–99999
W143	P305	4	916	E145A24 5WHT	034	024	RB	P361	J	918	00008–00051
W143	P305	4	916	E145A24 5WHT	034	024	RB	P361	Z	918	00052–99999
W143	P305	5	916	E146A24 5BLU	034	024	RB	P361	G	918	00052–99999
W143	P305	5	916	E146A24 5BLU	034	024	RB	P361	ZD	918	00008–00051
W143	P305	6	916	E232B24 5	006	024	ZZ	P305	SH 2	833	00008–99999
W143	P305	7	916	E229B24 5WHT	043	024	RB	P303	1	916	00008–99999
W143	P305	8	916	E230B24 5BLU	043	024	RB	P303	2	916	00008–99999
W143	P305	9	916	E266C24 5	006	024	ZZ	P305	SH 4	833	00008–99999
W143	P305	10	916	E183A24 5WHT	037	024	RB	J423	BB	918	00008–00051
W143	P305	10	916	E183A24 5WHT	037	024	RB	J423	ZA	917	00052–99999
W143	P305	11	916	E184A24 5BLU	037	024	RB	J423	H	917	00052–99999
W143	P305	11	916	E184A24 5BLU	037	024	RB	J423	LL	918	00008–00051
W143	P305	12	916	E247B24 5	006	024	ZZ	P305	SH 3	833	00008–99999
W143	P305	SH 1	833	E231B24 5	006	024	ZZ	P305	3	916	00008–99999
W143	P305	SH 2	833	E232B24 5	006	024	ZZ	P305	6	916	00008–99999
W143	P305	SH 3	833	E247B24 5	006	024	ZZ	P305	12	916	00008–99999
W143	P305	SH 4	833	E266C24 5	006	024	ZZ	P305	9	916	00008–99999
W143	P361	A	918	E177A24 5ORN	047	024	RC	J423	A	917	00052–99999
W143	P361	A	918	E160A24 5WHT	047	024	RE	J423	Y	918	00008–00051
W143	P361	C	918	E153A24 5BLU	047	024	RB	J423	C	917	00052–99999
W143	P361	C	918	E161A24 5BLU	047	024	RE	J423	ZA	918	00008–00051
W143	P361	D	918	E164A24 5RED	047	024	RE	J423	D	917	00052–99999
W143	P361	D	918	E147A24 5WHT	047	024	RC	J423	NN	918	00008–00051
W143	P361	E	918	E162A24 5ORN	047	024	RE	J423	E	917	00052–99999
W143	P361	F	918	E163A24 5GRN	047	024	RE	J423	F	917	00052–99999
W143	P361	F	918	E157A24 5BLU	047	024	RB	J423	ZX	918	00008–00051
W143	P361	G	918	E146A24 5BLU	034	024	RB	P305	5	916	00052–99999
W143	P361	G	918	E153A24 5BLU	047	024	RB	J423	A	918	00008–00051
W143	P361	H	918	E143A24 5WHT	034	024	RB	P305	1	916	00052–99999
W143	P361	H	918	E154A24 5WHT	047	024	RB	J423	ZD	918	00008–00051
W143	P361	J	918	E145A24 5WHT	034	024	RB	P305	4	916	00008–00051
W143	P361	K	918	E144A24 5BLU	034	024	RB	P305	2	916	00008–00051
W143	P361	K	918	E166A24 5BLU	047	024	RB	J423	K	917	00052–99999

Table 31. W143 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W143	P361	L	918	E174A24 5ORN	047	024	RC	J423	L	917	00052–99999
W143	P361	M	918	E173A24 5BLU	047	024	RC	J423	M	917	00052–99999
W143	P361	M	918	E166A24 5BLU	047	024	RB	J423	ZP	918	00008–00051
W143	P361	N	918	E182A24 5ORN	047	024	RC	J423	N	917	00052–99999
W143	P361	N	918	E177A24 5ORN	047	024	RC	J423	V	918	00008–00051
W143	P361	P	918	E167A24 5WHT	047	024	RC	J423	DD	918	00008–00051
W143	P361	R	918	E176A24 5BLU	047	024	RC	J423	U	918	00008–00051
W143	P361	S	918	E176A24 5BLU	047	024	RC	J423	S	917	00052–99999
W143	P361	T	918	E175A24 5WHT	047	024	RC	J423	T	917	00052–99999
W143	P361	T	918	E175A24 5WHT	047	024	RC	J423	T	918	00008–00051
W143	P361	V	918	E152A24 5WHT	047	024	RB	J423	V	917	00052–99999
W143	P361	V	918	E163A24 5GRN	047	024	RE	J423	ZU	918	00008–00051
W143	P361	W	918	E151A24 5BLU	047	024	RB	J423	ZB	918	00008–00051
W143	P361	X	918	E148A24 5BLU	047	024	RC	J423	EE	918	00008–00051
W143	P361	X	918	E161A24 5BLU	047	024	RE	J423	X	917	00052–99999
W143	P361	Y	918	E160A24 5WHT	047	024	RE	J423	Y	917	00052–99999
W143	P361	Z	918	E145A24 5WHT	034	024	RB	P305	4	916	00052–99999
W143	P361	Z	918	E150A24 5WHT	047	024	RB	J423	HH	918	00008–00051
W143	P361	ZA	918	E144A24 5BLU	034	024	RB	P305	2	916	00052–99999
W143	P361	ZA	918	E173A24 5BLU	047	024	RC	J423	F	918	00008–00051
W143	P361	ZB	918	E152A24 5WHT	047	024	RB	J423	B	918	00008–00051
W143	P361	ZB	918	E156A24 5WHT	047	024	RB	J423	ZB	917	00052–99999
W143	P361	ZC	918	E171A24 5BLU	047	024	RB	J423	ZC	917	00052–99999
W143	P361	ZC	918	E155A24 5BLU	047	024	RB	J423	ZW	918	00008–00051
W143	P361	ZD	918	E146A24 5BLU	034	024	RB	P305	5	916	00008–00051
W143	P361	ZE	918	E143A24 5WHT	034	024	RB	P305	1	916	00008–00051
W143	P361	ZF	918	E165A24 5WHT	047	024	RB	J423	ZF	917	00052–99999
W143	P361	ZG	918	E172A24 5WHT	047	024	RC	J423	ZG	917	00052–99999
W143	P361	ZG	918	E182A24 5ORN	047	024	RC	J423	ZI	918	00008–00051
W143	P361	ZH	918	E165A24 5WHT	047	024	RB	J423	R	918	00008–00051
W143	P361	ZH	918	E180A24 5WHT	047	024	RC	J423	ZH	917	00052–99999
W143	P361	ZK	918	E169A24 5ORN	047	024	RC	J423	MM	918	00008–00051
W143	P361	ZK	918	E181A24 5BLU	047	024	RC	J423	ZK	917	00052–99999
W143	P361	ZM	918	E158A24 5WHT	047	024	RB	J423	W	918	00008–00051
W143	P361	ZN	918	E159A24 5BLU	047	024	RB	J423	X	918	00008–00051
W143	P361	ZQ	918	E158A24 5WHT	047	024	RB	J423	ZQ	917	00052–99999
W143	P361	ZQ	918	E164A24 5RED	047	024	RE	J423	ZT	918	00008–00051
W143	P361	ZR	918	E171A24 5BLU	047	024	RB	J423	C	918	00008–00051
W143	P361	ZS	918	E151A24 5BLU	047	024	RB	J423	ZS	917	00052–99999
W143	P361	ZT	918	E149A24 5ORN	047	024	RC	J423	PP	918	00008–00051
W143	P361	ZT	918	E150A24 5WHT	047	024	RB	J423	ZT	917	00052–99999

Table 31. W143 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W143	P361	ZU	918	E157A24 5BLU	047	024	RB	J423	ZU	917	00052–99999
W143	P361	ZU	918	E156A24 5WHT	047	024	RB	J423	ZY	918	00008–00051
W143	P361	ZV	918	E170A24 5WHT	047	024	RB	J423	ZV	917	00052–99999
W143	P361	ZW	918	E180A24 5WHT	047	024	RC	J423	H	918	00008–00051
W143	P361	ZX	918	E181A24 5BLU	047	024	RC	J423	ZH	918	00008–00051
W143	P361	ZX	918	E167A24 5WHT	047	024	RC	J423	ZX	917	00052–99999
W143	P361	ZY	918	E168A24 5BLU	047	024	RC	J423	ZY	917	00052–99999
W143	P361	ZZ	918	E168A24 5BLU	047	024	RC	J423	ZN	918	00008–00051
W143	P361	ZZ	918	E178A24 5WHT	047	024	RB	J423	ZZ	917	00052–99999
W143	P361	BB	918	E159A24 5BLU	047	024	RB	J423	BB	917	00052–99999
W143	P361	BB	918	E162A24 5ORN	047	024	RE	J423	Z	918	00008–00051
W143	P361	CC	918	E154A24 5WHT	047	024	RB	J423	CC	917	00052–99999
W143	P361	CC	918	E170A24 5WHT	047	024	RB	J423	D	918	00008–00051
W143	P361	DD	918	E155A24 5BLU	047	024	RB	J423	DD	917	00052–99999
W143	P361	DD	918	E178A24 5WHT	047	024	RB	J423	M	918	00008–00051
W143	P361	EE	918	E148A24 5BLU	047	024	RB	J423	EE	917	00052–99999
W143	P361	EE	918	E172A24 5WHT	047	024	RC	J423	G	918	00008–00051
W143	P361	FF	918	E169A24 5ORN	047	024	RC	J423	FF	917	00052–99999
W143	P361	FF	918	E179A24 5BLU	047	024	RB	J423	L	918	00008–00051
W143	P361	GG	918	E179A24 5BLU	047	024	RB	J423	GG	917	00052–99999
W143	P361	HH	918	E147A24 5WHT	047	024	RB	J423	HH	917	00052–99999
W143	P361	HH	918	E174A24 5ORN	047	024	RC	J423	ZG	918	00008–00051
W143	P361	Case		E231A24 5	006	024	ZZ	P361	SH 1	894	00052–99999
W143	P361	Case		E231A24 5	006	024	ZZ	P361	SH 1	843	00008–00051
W143	P361	Case		E232A24 5	006	024	ZZ	P361	SH 2	843	00008–00051
W143	P361	Case		E232A24 5	006	024	ZZ	P361	SH 2	894	00052–99999
W143	P361	Case		E233A24 5	006	024	ZZ	P361	SH 3	843	00008–00051
W143	P361	Case		E233A24 5	006	024	ZZ	P361	SH 3	894	00052–99999
W143	P361	Case		E234A24 5	006	024	ZZ	P361	SH 4	843	00008–00051
W143	P361	Case		E234A24 5	006	024	ZZ	P361	SH 4	894	00052–99999
W143	P361	Case		E235A24 5	006	024	ZZ	P361	SH 5	843	00008–00051
W143	P361	Case		E235A24 5	006	024	ZZ	P361	SH 5	894	00052–99999
W143	P361	Case		E236A24 5	006	024	ZZ	P361	SH 6	843	00008–00051
W143	P361	Case		E236A24 5	006	024	ZZ	P361	SH 6	894	00052–99999
W143	P361	Case		E237A24 5	006	024	ZZ	P361	SH 7	843	00008–00051
W143	P361	Case		E237A24 5	006	024	ZZ	P361	SH 7	894	00052–99999
W143	P361	Case		E238A24 5	006	024	ZZ	P361	SH 8	843	00008–00051
W143	P361	Case		E238A24 5	006	024	ZZ	P361	SH 8	894	00052–99999
W143	P361	Case		E239A24 5	006	024	ZZ	P361	SH 9	843	00008–00051
W143	P361	Case		E239A24 5	006	024	ZZ	P361	SH 9	894	00052–99999
W143	P361	Case		E240A24 5	006	024	ZZ	P361	SH10	843	00008–00051

Table 31. W143 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W143	P361	Case		E240A24 5	006	024	ZZ	P361	SH10	894	00052–99999
W143	P361	Case		E241A24 5	006	024	ZZ	P361	SH11	843	00008–00051
W143	P361	Case		E241A24 5	006	024	ZZ	P361	SH11	894	00052–99999
W143	P361	Case		E242A24 5	006	024	ZZ	P361	SH12	843	00008–00051
W143	P361	Case		E242A24 5	006	024	ZZ	P361	SH12	894	00052–99999
W143	P361	Case		E243A24 5	006	024	ZZ	P361	SH13	843	00008–00051
W143	P361	Case		E243A24 5	006	024	ZZ	P361	SH13	894	00052–99999
W143	P361	Case		E244A24 5	006	024	ZZ	P361	SH14	894	00008–99999
W143	P361	Case		E245A24 5	006	024	ZZ	P361	SH15	843	00008–00051
W143	P361	Case		E245A24 5	006	024	ZZ	P361	SH15	894	00052–99999
W143	P361	Case		E246A24 5	006	024	ZZ	P361	SH16	843	00008–00051
W143	P361	Case		E246A24 5	006	024	ZZ	P361	SH16	894	00052–99999
W143	P361	SH 1	843	E231A24 5	006	024	ZZ	P361	Case		00008–00051
W143	P361	SH 1	894	E231A24 5	006	024	ZZ	P361	Case		00052–99999
W143	P361	SH 2	843	E232A24 5	006	024	ZZ	P361	Case		00008–00051
W143	P361	SH 2	894	E232A24 5	006	024	ZZ	P361	Case		00052–99999
W143	P361	SH 3	843	E233A24 5	006	024	ZZ	P361	Case		00008–00051
W143	P361	SH 3	894	E233A24 5	006	024	ZZ	P361	Case		00052–99999
W143	P361	SH 4	843	E234A24 5	006	024	ZZ	P361	Case		00008–00051
W143	P361	SH 4	894	E234A24 5	006	024	ZZ	P361	Case		00052–99999
W143	P361	SH 5	843	E235A24 5	006	024	ZZ	P361	Case		00008–00051
W143	P361	SH 5	894	E235A24 5	006	024	ZZ	P361	Case		00052–99999
W143	P361	SH 6	843	E236A24 5	006	024	ZZ	P361	Case		00008–00051
W143	P361	SH 6	894	E236A24 5	006	024	ZZ	P361	Case		00052–99999
W143	P361	SH 7	843	E237A24 5	006	024	ZZ	P361	Case		00008–00051
W143	P361	SH 7	894	E237A24 5	006	024	ZZ	P361	Case		00052–99999
W143	P361	SH 8	843	E238A24 5	006	024	ZZ	P361	Case		00008–00051
W143	P361	SH 8	894	E238A24 5	006	024	ZZ	P361	Case		00052–99999
W143	P361	SH 9	843	E239A24 5	006	024	ZZ	P361	Case		00008–00051
W143	P361	SH 9	894	E239A24 5	006	024	ZZ	P361	Case		00052–99999
W143	P361	SH10	843	E240A24 5	006	024	ZZ	P361	Case		00008–00051
W143	P361	SH10	894	E240A24 5	006	024	ZZ	P361	Case		00052–99999
W143	P361	SH11	843	E241A24 5	006	024	ZZ	P361	Case		00008–00051
W143	P361	SH11	894	E241A24 5	006	024	ZZ	P361	Case		00052–99999
W143	P361	SH12	843	E242A24 5	006	024	ZZ	P361	Case		00008–00051
W143	P361	SH12	894	E242A24 5	006	024	ZZ	P361	Case		00052–99999
W143	P361	SH13	843	E243A24 5	006	024	ZZ	P361	Case		00008–00051
W143	P361	SH13	894	E243A24 5	006	024	ZZ	P361	Case		00052–99999
W143	P361	SH14	894	E244A24 5	006	024	ZZ	P361	Case		00008–99999
W143	P361	SH15	843	E245A24 5	006	024	ZZ	P361	Case		00008–00051
W143	P361	SH15	894	E245A24 5	006	024	ZZ	P361	Case		00052–99999

Table 31. W143 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W143	P361	SH16	843	E246A24 5	006	024	ZZ	P361	Case		00008–00051
W143	P361	SH16	894	E246A24 5	006	024	ZZ	P361	Case		00052–99999

Table 32. W144 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W144	J317	A	918	LVSCS6B22 3BLU	170	022	SJ	P315	A	917	00012–99999
W144	J317	B	918	LVSCS7B22 3WHT	170	022	SJ	P315	B	917	00012–99999
W144	J317	C	918	LVSCS9B22 3WHT	170	022	SK	P315	C	917	00012–99999
W144	J317	D	918	LVSCS10B22 3BLU	170	022	SK	P315	D	917	00012–99999
W144	J317	E	918	LVSCS11B22 3ORN	170	022	SK	P315	E	917	00012–99999
W144	J317	F	918	LVSCS13B20 3	170	020	SY	P315	F	917	00012–99999
W144	J317	J	918	LVSCS3B20 3	170	020	SY	P315	J	917	00012–99999
W144	J317	K	918	LVSCS12B20 3	170	020	SY	P315	K	917	00012–99999
W144	J317	L	918	LVSCS4B22 3	170	022	SY	P315	L	917	00012–99999
W144	J317	N	918	LVSCS40B22 3	006	022	ZZ	J317	SH 1	833	00012–99999
W144	J317	P	918	LVSCS8B22 3BLU	170	022	SJ	P315	P	917	00012–99999
W144	J317	R	918	LVSCS42B22 3	006	022	ZZ	J317	SH 3	833	00012–99999
W144	J317	S	918	LVSCS5B22 3WHT	170	022	SJ	P315	S	917	00012–99999
W144	J317	U	918	LVSCS41B22 3	006	022	ZZ	J317	SH 2	833	00012–99999
W144	J317	SH 1	833	LVSCS40B22 3	006	022	ZZ	J317	N	918	00012–99999
W144	J317	SH 2	833	LVSCS41B22 3	006	022	ZZ	J317	U	918	00012–99999
W144	J317	SH 3	833	LVSCS42B22 3	006	022	ZZ	J317	R	918	00012–99999
W144	P315	A	917	LVSCS6B22 3BLU	170	022	SJ	J317	A	918	00012–99999
W144	P315	B	917	LVSCS7B22 3WHT	170	022	SJ	J317	B	918	00012–99999
W144	P315	C	917	LVSCS9B22 3WHT	170	022	SK	J317	C	918	00012–99999
W144	P315	D	917	LVSCS10B22 3BLU	170	022	SK	J317	D	918	00012–99999
W144	P315	E	917	LVSCS11B22 3ORN	170	022	SK	J317	E	918	00012–99999
W144	P315	F	917	LVSCS13B20 3	170	020	SY	J317	F	918	00012–99999
W144	P315	J	917	LVSCS3B20 3	170	020	SY	J317	J	918	00012–99999
W144	P315	K	917	LVSCS12B20 3	170	020	SY	J317	K	918	00012–99999
W144	P315	L	917	LVSCS4B22 3	170	022	SY	J317	L	918	00012–99999
W144	P315	N	917	LVSCS40C22 3	006	022	ZZ	P315	SH 1	833	00012–99999
W144	P315	P	917	LVSCS8B22 3BLU	170	022	SJ	J317	P	918	00012–99999
W144	P315	R	917	LVSCS42C22 3	006	022	ZZ	P315	SH 3	833	00012–99999
W144	P315	S	917	LVSCS5B22 3WHT	170	022	SJ	J317	S	918	00012–99999
W144	P315	U	917	LVSCS41C22 3	006	022	ZZ	P315	SH 2	833	00012–99999
W144	P315	SH 1	833	LVSCS40C22 3	006	022	ZZ	P315	N	917	00012–99999
W144	P315	SH 2	833	LVSCS41C22 3	006	022	ZZ	P315	U	917	00012–99999
W144	P315	SH 3	833	LVSCS42C22 3	006	022	ZZ	P315	R	917	00012–99999

Table 33. W145 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W145	P317	A	917	LVSCS6C22 3BLU	058	022	SJ	P319	A	765	00012–99999
W145	P317	B	917	LVSCS7C22 3WHT	058	022	SJ	P319	P	765	00012–99999
W145	P317	C	917	LVSCS9C22 3WHT	058	022	SK	P319	C	765	00012–99999
W145	P317	D	917	LVSCS10C22 3BLU	058	022	SK	P319	D	765	00012–99999
W145	P317	E	917	LVSCS11C22 3ORN	058	022	SK	P319	E	765	00012–99999
W145	P317	F	917	LVSCS13C20 3	058	020	SY	P319 SP4			00012–99999
W145	P317	J	917	LVSCS3C20 3	058	020	SY	P319 SP1			00012–99999
W145	P317	K	917	LVSCS12C20 3	058	020	SY	P319 SP3			00012–99999
W145	P317	L	917	LVSCS4C20 3	058	020	SY	P319 SP2			00012–99999
W145	P317	N	917	LVSCS40A22 3	006	022	ZZ	P317	SH 1	830	00012–99999
W145	P317	P	917	LVSCS8C22 3BLU	058	022	SJ	P319	B	765	00012–99999
W145	P317	R	917	LVSCS42A22 3	006	022	ZZ	P317	SH 3	830	00012–99999
W145	P317	S	917	LVSCS5C22 3WHT	058	022	SJ	P319	S	765	00012–99999
W145	P317	U	917	LVSCS41A22 3	006	022	ZZ	P317	SH 2	830	00012–99999
W145	P317	SH 1	830	LVSCS40A22 3	006	022	ZZ	P317	N	917	00012–99999
W145	P317	SH 2	830	LVSCS41A22 3	006	022	ZZ	P317	U	917	00012–99999
W145	P317	SH 3	830	LVSCS42A22 3	006	022	ZZ	P317	R	917	00012–99999
W145	P319	A	765	LVSCS6C22 3BLU	058	022	SJ	P317	A	917	00012–99999
W145	P319	B	765	LVSCS8C22 3BLU	058	022	SJ	P317	P	917	00012–99999
W145	P319	C	765	LVSCS9C22 3WHT	058	022	SK	P317	C	917	00012–99999
W145	P319	D	765	LVSCS10C22 3BLU	058	022	SK	P317	D	917	00012–99999
W145	P319	E	765	LVSCS11C22 3ORN	058	022	SK	P317	E	917	00012–99999
W145	P319	F	765	LVSCS13D20 3	010	020	SY	P319 SP4			00012–99999
W145	P319	J	765	LVSCS3D20 3	010	020	SY	P319 SP1			00012–99999
W145	P319	K	765	LVSCS12D20 3	010	020	SY	P319 SP3			00012–99999
W145	P319	L	765	LVSCS4D20 3	010	020	SY	P319 SP2			00012–99999
W145	P319	P	765	LVSCS7C22 3WHT	058	022	SJ	P317	B	917	00012–99999
W145	P319	S	765	LVSCS5C22 3WHT	058	022	SJ	P317	S	917	00012–99999
W145	P319 SP1			LVSCS3E20 3	010	020	SY	P319 SP2			00012–99999
W145	P319 SP1			LVSCS3C20 3	058	020	SY	P317	J	917	00012–99999
W145	P319 SP1			LVSCS3D20 3	010	020	SY	P319	J	765	00012–99999
W145	P319 SP2			LVSCS4C20 3	058	020	SY	P317	L	917	00012–99999
W145	P319 SP2			LVSCS4D20 3	010	020	SY	P319	L	765	00012–99999
W145	P319 SP2			LVSCS3E20 3	010	020	SY	P319 SP1			00012–99999
W145	P319 SP3			LVSCS12E20 3	010	020	SY	P319 SP4			00012–99999
W145	P319 SP3			LVSCS12C20 3	058	020	SY	P317	K	917	00012–99999
W145	P319 SP3			LVSCS12D20 3	010	020	SY	P319	K	765	00012–99999
W145	P319 SP4			LVSCS13C20 3	058	020	SY	P317	F	917	00012–99999
W145	P319 SP4			LVSCS13D20 3	010	020	SY	P319	F	765	00012–99999
W145	P319 SP4			LVSCS12E20 3	010	020	SY	P319 SP3			00012–99999
W145	P319	Case	102	LVSCS40F22 5	006	022	ZZ	P319	SH 1	830	00012–99999

Table 33. W145 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W145	P319	Case	102	LVSCS41F22 5	006	022	ZZ	P319	SH 2	830	00012–99999
W145	P319	Case	102	LVSCS42F22 5	006	022	ZZ	P319	SH 3	830	00012–99999
W145	P319	SH 1	830	LVSCS40F22 5	006	022	ZZ	P319	Case	102	00012–99999
W145	P319	SH 2	830	LVSCS41F22 5	006	022	ZZ	P319	Case	102	00012–99999
W145	P319	SH 3	830	LVSCS42F22 5	006	022	ZZ	P319	Case	102	00012–99999

7. W2XX Wire Lists

No helicopters were licsensed with the W2XX wire harnesses installed. Thus, the W2XX wire lists have been removed from this manual.

Table 34. W301 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W301	J310	A	927	W3031B20 3WHT	160	020	SK	P309	A	917	00001–99999
W301	J310	B	927	W3032B20 3BLU	160	020	SK	P309	B	917	00001–99999
W301	J310	C	927	W3033B20 3ORN	160	020	SK	P309	C	917	00001–99999
W301	J310	D	927	W3034B20 0	006	020	ZZ	J310	SH 3	827	00001–99999
W301	J310	F	927	W3035B20 2	160	020	SY	P309	F	917	00001–99999
W301	J310	G	927	W3036B20 2	160	020	SY	P309	G	917	00001–99999
W301	J310	H	927	W3037B20 2	160	020	SY	P309	H	917	00001–99999
W301	J310	J	927	W3038B20 3WHT	160	020	SK	P309	J	917	00001–99999
W301	J310	K	927	W3039B20 3BLU	160	020	SK	P309	K	917	00001–99999
W301	J310	L	927	W30310B20 3ORN	160	020	SK	P309	L	917	00001–99999
W301	J310	M	927	W30311B20 0	006	020	ZZ	J310	SH 4	827	00001–99999
W301	J310	P	927	W30312B20 2	160	020	SY	P309	P	917	00001–99999
W301	J310	R	927	W30313B20 2	160	020	SY	P309	R	917	00001–99999
W301	J310	T	927	W30314B20 2	160	020	SY	P309	T	917	00001–99999
W301	J310	SH 3	827	W3034B20 0	006	020	ZZ	J310	D	927	00001–99999
W301	J310	SH 4	827	W30311B20 0	006	020	ZZ	J310	M	927	00001–99999
W301	P309	A	917	W3031B20 3WHT	160	020	SK	J310	A	927	00001–99999
W301	P309	B	917	W3032B20 3BLU	160	020	SK	J310	B	927	00001–99999
W301	P309	C	917	W3033B20 3ORN	160	020	SK	J310	C	927	00001–99999
W301	P309	D	917	W30315B20 0	006	020	ZZ	P309	SH 1	827	00001–99999
W301	P309	F	917	W3035B20 2	160	020	SY	J310	F	927	00001–99999
W301	P309	G	917	W3036B20 2	160	020	SY	J310	G	927	00001–99999
W301	P309	H	917	W3037B20 2	160	020	SY	J310	H	927	00001–99999
W301	P309	J	917	W3038B20 3WHT	160	020	SK	J310	J	927	00001–99999
W301	P309	K	917	W3039B20 3BLU	160	020	SK	J310	K	927	00001–99999
W301	P309	L	917	W30310B20 3ORN	160	020	SK	J310	L	927	00001–99999
W301	P309	M	917	W30316B20 0	006	020	ZZ	P309	SH 2	827	00001–99999
W301	P309	P	917	W30312B20 2	160	020	SY	J310	P	927	00001–99999
W301	P309	R	917	W30313B20 2	160	020	SY	J310	R	927	00001–99999
W301	P309	T	917	W30314B20 2	160	020	SY	J310	T	927	00001–99999
W301	P309	SH 1	827	W30315B20 0	006	020	ZZ	P309	D	917	00001–99999
W301	P309	SH 2	827	W30316B20 0	006	020	ZZ	P309	M	917	00001–99999

Table 35. W303 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W303	J311	A	918	W3033A20 2ORN	080	020	SK	P310	C	917	00001–99999
W303	J311	B	918	W3032A20 2BLU	068	020	SK	P310	B	917	00001–99999
W303	J311	C	918	W3031A20 2WHT	068	020	SK	P310	A	917	00001–99999
W303	J311	D	918	W30315A20 2	006	020	ZZ	J311	SH 1	827	00001–99999
W303	J311	E	918	W30313A20 2	068	020	SY	P310	R	917	00001–99999
W303	J311	F	918	W3036A20 2	068	020	SY	P310	G	917	00001–99999
W303	J311	G	918	W30312A20 2	068	020	SY	P310	P	917	00001–99999
W303	J311	SH 1	827	W30315A20 2	006	020	ZZ	J311	D	918	00001–99999
W303	J312	A	918	W30310A20 2ORN	078	020	SK	P310	L	917	00001–99999
W303	J312	B	918	W3039A20 2BLU	078	020	SK	P310	K	917	00001–99999
W303	J312	C	918	W3038A20 2WHT	078	020	SK	P310	J	917	00001–99999
W303	J312	D	918	W30316A20 2	006	020	ZZ	J312	SH 1	827	00001–99999
W303	J312	E	918	W3037A20 2	078	020	SY	P310	H	917	00001–99999
W303	J312	F	918	W3035A20 2	078	020	SY	P310	F	917	00001–99999
W303	J312	G	918	W30314A20 2	078	020	SY	P310	T	917	00001–99999
W303	J312	SH 1	827	W30316A20 2	006	020	ZZ	J312	D	918	00001–99999
W303	P310	A	917	W3031A20 2WHT	068	020	SK	J311	C	918	00001–99999
W303	P310	B	917	W3032A20 2BLU	068	020	SK	J311	B	918	00001–99999
W303	P310	C	917	W3033A20 2ORN	080	020	SK	J311	A	918	00001–99999
W303	P310	D	917	W3034A20 2	006	020	ZZ	P310	SH 1	827	00001–99999
W303	P310	F	917	W3035A20 2	078	020	SY	J312	F	918	00001–99999
W303	P310	G	917	W3036A20 2	068	020	SY	J311	F	918	00001–99999
W303	P310	H	917	W3037A20 2	078	020	SY	J312	E	918	00001–99999
W303	P310	J	917	W3038A20 2WHT	078	020	SK	J312	C	918	00001–99999
W303	P310	K	917	W3039A20 2BLU	078	020	SK	J312	B	918	00001–99999
W303	P310	L	917	W30310A20 2ORN	078	020	SK	J312	A	918	00001–99999
W303	P310	M	917	W30311A20 2	006	020	ZZ	P310	SH 2	827	00001–99999
W303	P310	P	917	W30312A20 2	068	020	SY	J311	G	918	00001–99999
W303	P310	R	917	W30313A20 2	068	020	SY	J311	E	918	00001–99999
W303	P310	T	917	W30314A20 2	078	020	SY	J312	G	918	00001–99999
W303	P310	SH 1	827	W3034A20 2	006	020	ZZ	P310	D	917	00001–99999
W303	P310	SH 2	827	W30311A20 2	006	020	ZZ	P310	M	917	00001–99999

Table 36. W304 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W304	GS300	A	906	H22B16N 3	015	016	SY	W304 SP2		906	00035–00076
W304	GS300	A	906	H22A16N 3	015	016	SY	P501	B	928	00008–00034
W304	GS300	B	906	H23B16N 3	015	016	SY	W304 SP3		906	00035–00076
W304	GS300	B	906	H23A16N 3	015	016	SY	P501	C	928	00008–00012
W304	GS300	B	906	H23A16N 3	015	016	SY	P501	E	928	00013–00034
W304	GS300	C	906	H24B16N 3	025	016	SY	W304 SP8		906	00035–00076
W304	GS300	C	906	H24A16N 3	025	016	SY	P500	B	928	00008–00034
W304	GS300	D	906	H25B16N 3	025	016	SY	W304 SP9		906	00035–00076
W304	GS300	D	906	H25A16N 3	025	016	SY	P500	C	928	00008–00012
W304	GS300	D	906	H25A16N 3	025	016	SY	P500	E	928	00013–00034
W304	P500	A	928	H14E16 3	023	016	SY	TB301 –1	D	906	00008–00034
W304	P500	A	928	H14F16 3	012	016	SY	W304 SP10		906	00035–00076
W304	P500	B	928	H24A16 3	012	016	SY	W304 SP11		906	00035–00076
W304	P500	B	928	H24A16N 3	025	016	SY	GS300	C	906	00008–00034
W304	P500	C	928	H25A16N 3	025	016	SY	GS300	D	906	00008–00012
W304	P500	E	928	H25A16 3	012	016	SY	W304 SP12		906	00035–00076
W304	P500	E	928	H25A16N 3	025	016	SY	GS300	D	906	00013–00034
W304	P501	A	928	H11E16 3	013	016	SY	TB301 –1	B	906	00008–00034
W304	P501	A	928	H11F16 3	013	016	SY	W304 SP4		906	00035–00076
W304	P501	B	928	H22A16 3	013	016	SY	W304 SP5		906	00035–00076
W304	P501	B	928	H22A16N 3	015	016	SY	GS300	A	906	00008–00034
W304	P501	C	928	H23A16N 3	015	016	SY	GS300	B	906	00008–00012
W304	P501	E	928	H23A16 3	013	016	SY	W304 SP6		906	00035–00076
W304	P501	E	928	H23A16N 3	015	016	SY	GS300	B	906	00013–00034
W304	TB301 –1	B	906	H11E16 3	013	016	SY	P501	A	928	00008–00034
W304	TB301 –1	B	906	H11E16 3	013	016	SY	W304 SP1		906	00035–00076
W304	TB301 –1	D	906	H14E16 3	023	016	SY	P500	A	928	00008–00034
W304	TB301 –1	D	906	H14E16 3	013	016	SY	W304 SP7		906	00035–00076
W304	W304 SP1		906	H11E16 3	013	016	SY	TB301 –1	B	906	00035–00076
W304	W304 SP2		906	H22B16N 3	015	016	SY	GS300	A	906	00035–00076
W304	W304 SP3		906	H23B16N 3	015	016	SY	GS300	B	906	00035–00076
W304	W304 SP4		906	H11F16 3	013	016	SY	P501	A	928	00035–00076
W304	W304 SP5		906	H22A16 3	013	016	SY	P501	B	928	00035–00076
W304	W304 SP6		906	H23A16 3	013	016	SY	P501	E	928	00035–00076
W304	W304 SP7		906	H14E16 3	013	016	SY	TB301 –1	D	906	00035–00076
W304	W304 SP8		906	H24B16N 3	025	016	SY	GS300	C	906	00035–00076
W304	W304 SP9		906	H25B16N 3	025	016	SY	GS300	D	906	00035–00076
W304	W304 SP10		906	H14F16 3	012	016	SY	P500	A	928	00035–00076
W304	W304 SP11		906	H24A16 3	012	016	SY	P500	B	928	00035–00076
W304	W304 SP12		906	H25A16 3	012	016	SY	P500	E	928	00035–00076

Table 37. W305 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W305	GS400		112	H16A12N 3	098	012	SY	P516	D	923	00008–99999
W305	GS400		112	H17A12N 3	098	012	SY	P516	E	923	00008–99999
W305	K100	A 1	112	H7C12 3	108	012	SY	P516	A	923	00008–99999
W305	K100	B 1	112	H5C12 3	108	012	SY	P516	B	923	00008–99999
W305	P155	C	917	H12C20 3	150	020	SY	W305 SP1		906	00008–00010
W305	P155	C	917	H12C20 3	150	020	SY	W305 SP1		906	00011–99999
W305	P155	D	917	H8D22 3	036	022	SY	S302	A	161	00020–99999
W305	P155	D	917	H8D22 3	136	022	SY	P503	A	918	00008–00010
W305	P155	D	917	H8D22 3	136	022	SY	P503	A	918	00011–00019
W305	P155	E	917	H2F22 3	145	022	SY	P502	B	918	00008–00010
W305	P155	E	917	H2F22 3	145	022	SY	P502	B	918	00011–99999
W305	P155	F	917	H18C20 3	098	020	SY	P516 SP1			00008–00010
W305	P155	F	917	H18C20 3	098	020	SY	P516 SP1			00011–99999
W305	P502	A	918	H33A22 3	030	022	SY	P503	B	918	00008–99999
W305	P502	B	918	H2F22 3	145	022	SY	P155	E	917	00008–00010
W305	P502	B	918	H2F22 3	145	022	SY	P155	E	917	00011–99999
W305	P503	A	918	H8E22 3	166	022	SY	S302	B	161	00020–99999
W305	P503	A	918	H8D22 3	136	022	SY	P155	D	917	00008–00010
W305	P503	A	918	H8D22 3	136	022	SY	P155	D	917	00011–00019
W305	P503	B	918	H33A22 3	030	022	SY	P502	A	918	00008–99999
W305	P516	A	923	H7C12 3	108	012	SY	K100	A 1	112	00008–99999
W305	P516	B	923	H5C12 3	108	012	SY	K100	B 1	112	00008–99999
W305	P516	D	923	H16A12N 3	098	012	SY	GS400		112	00008–99999
W305	P516	E	923	H17A12N 3	098	012	SY	GS400		112	00008–99999
W305	P516	F	923	H18D14 3	010	014	SY	P516 SP1			00008–99999
W305	P516 SP1			H18C20 3	098	020	SY	P155	F	917	00008–00010
W305	P516 SP1			H18C20 3	098	020	SY	P155	F	917	00011–99999
W305	P516 SP1			H18D14 3	010	014	SY	P516	F	923	00008–99999
W305	S302	A	161	H8D22 3	036	022	SY	P155	D	917	00020–99999
W305	S302	B	161	H8E22 3	166	022	SY	P503	A	918	00020–99999
W305	W305 SP1		906	H12C20 3	150	020	SY	P155	C	917	00008–00010
W305	W305 SP1		906	H12C20 3	150	020	SY	P155	C	917	00011–99999

Table 38. W306 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W306	GS400		108	H16A16N 3	090	016	SY	P513	B	928	00012–99999
W306	GS400		108	H17A16N 3	090	016	SY	P513	E	928	00012–99999
W306	K100	A 1	108	H7C16 3	112	016	SY	P513	A	928	00012–99999
W306	P155	F	917	H18C20 3	100	020	SY	P513	D	928	00012–99999
W306	P513	A	928	H7C16 3	112	016	SY	K100	A 1	108	00012–99999
W306	P513	B	928	H16A16N 3	090	016	SY	GS400		108	00012–99999
W306	P513	D	928	H18C20 3	100	020	SY	P155	F	917	00012–99999
W306	P513	E	928	H17A16N 3	090	016	SY	GS400		108	00012–99999

Table 39. W307 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W307	P302	1	915	W34C22 3WHT	012	022	SB	P507	A	918	00008–99999
W307	P302	2	915	W40B22 3BLU	012	022	SB	P507	B	918	00008–99999
W307	P302	3	915	W35C22 3WHT	024	022	SB	P509	A	918	00008–99999
W307	P302	4	915	W41B22 3BLU	024	022	SB	P509	B	918	00008–99999
W307	P302	5	915	W36C22 3WHT	030	022	SB	P508	A	918	00008–99999
W307	P302	6	915	W42B22 3BLU	030	022	SB	P508	B	918	00008–99999
W307	P302	7	915	W37C22 3WHT	018	022	SB	P510	A	918	00008–99999
W307	P302	8	915	W43B22 3BLU	018	022	SB	P510	B	918	00008–99999
W307	P302	9	915	W38C24 3	010	024	GA	P302 SP1			00008–99999
W307	P302	10	915	W39C24 3	010	024	GA	P302 SP2			00008–99999
W307	P302 SP1			W38A24 3	020	024	GA	P511	A	918	00008–99999
W307	P302 SP1			W38B24 3	024	024	GA	P512	A	918	00008–99999
W307	P302 SP1			W38C24 3	010	024	GA	P302	9	915	00008–99999
W307	P302 SP2			W39A24 3	020	024	GA	P511	C	918	00008–99999
W307	P302 SP2			W39B24 3	024	024	GA	P512	C	918	00008–99999
W307	P302 SP2			W39C24 3	010	024	GA	P302	10	915	00008–99999
W307	P507	A	918	W34C22 3WHT	012	022	SB	P302	1	915	00008–99999
W307	P507	B	918	W40B22 3BLU	012	022	SB	P302	2	915	00008–99999
W307	P508	A	918	W36C22 3WHT	030	022	SB	P302	5	915	00008–99999
W307	P508	B	918	W42B22 3BLU	030	022	SB	P302	6	915	00008–99999
W307	P509	A	918	W35C22 3WHT	024	022	SB	P302	3	915	00008–99999
W307	P509	B	918	W41B22 3BLU	024	022	SB	P302	4	915	00008–99999
W307	P510	A	918	W37C22 3WHT	018	022	SB	P302	7	915	00008–99999
W307	P510	B	918	W43B22 3BLU	018	022	SB	P302	8	915	00008–99999
W307	P511	A	918	W38A24 3	020	024	GA	P302 SP1			00008–99999
W307	P511	C	918	W39A24 3	020	024	GA	P302 SP2			00008–99999
W307	P512	A	918	W38B24 3	024	024	GA	P302 SP1			00008–99999
W307	P512	C	918	W39B24 3	024	024	GA	P302 SP2			00008–99999

Table 40. W309 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W309	J161			H29B20 3	016	020	SY	P160	H	918	00008–99999
W309	J478			H29A20 3	196	020	SY	P160	D	918	00008–99999
W309	P160	D	918	H29A20 3	196	020	SY	J478			00008–99999
W309	P160	H	918	H29B20 3	016	020	SY	J161			00008–99999

Table 41. W310 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W310	P155	N	917	C20D22 3	055	022	SY	P520	A	918	00008–00014
W310	P155	P	917	C22A22 3	055	022	SY	P520	B	918	00008–00014
W310	P155	R	917	C21D22 3	081	022	SY	P519	A	918	00008–00014
W310	P155	S	917	C23A22 3	081	022	SY	P519	B	918	00008–00014
W310	P155	T	917	C30A22 3	092	022	SY	P517	B	918	00008–00014
W310	P155	U	917	C31A22 3	092	022	SY	P517	A	918	00008–00014
W310	P155	V	917	C32A22 5WHT	085	022	SL	P518	A	918	00008–00014
W310	P155	X	917	C33A22 5BLU	085	022	SL	P518	B	918	00008–00014
W310	P155	Y	917	C34A22 5ORN	085	022	SL	P518	C	918	00008–00014
W310	P155	ZA	917	C35A22 5GRN	085	022	SL	P518	D	918	00008–00014
W310	P155	SH 1	830	C37B22 5	006	022	ZZ	P155	Case	102	00008–00014
W310	P155	Case	102	C37B22 5	006	022	ZZ	P155	SH 1	830	00008–00014
W310	P517	A	918	C31A22 3	092	022	SY	P155	U	917	00008–00014
W310	P517	B	918	C30A22 3	092	022	SY	P155	T	917	00008–00014
W310	P518	A	918	C32A22 5WHT	085	022	SL	P155	V	917	00008–00014
W310	P518	B	918	C33A22 5BLU	085	022	SL	P155	X	917	00008–00014
W310	P518	C	918	C34A22 5ORN	085	022	SL	P155	Y	917	00008–00014
W310	P518	D	918	C35A22 5GRN	085	022	SL	P155	ZA	917	00008–00014
W310	P518	Case		C37A22 5	000	022	ZZ	P518	SH 1		00008–00014
W310	P518	SH 1		C37A22 5	000	022	ZZ	P518	Case		00008–00014
W310	P519	A	918	C21D22 3	081	022	SY	P155	R	917	00008–00014
W310	P519	B	918	C23A22 3	081	022	SY	P155	S	917	00008–00014
W310	P520	A	918	C20D22 3	055	022	SY	P155	N	917	00008–00014
W310	P520	B	918	C22A22 3	055	022	SY	P155	P	917	00008–00014

Table 42. W311 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W311	J520	A	918	M1J20 3	080	020	SY	TB302 –1	K	905	00008–99999
W311	J520	B	918	M9C22 3	080	022	SY	TB302 –1	E	905	00008–99999
W311	J520	C	918	H15D22 3	080	022	SY	TB302 –2	A	905	00008–99999
W311	J520	D	918	H15E22 3	080	022	SY	TB302 –2	D	905	00008–99999
W311	J521	A	918	M1F20 3	100	020	SY	TB302 –1	G	905	00008–99999
W311	J521	B	918	M10C22 3	100	022	SY	TB302 –1	B	905	00008–99999
W311	TB302 –1	B	905	M10C22 3	100	022	SY	J521	B	918	00008–99999
W311	TB302 –1	E	905	M9C22 3	080	022	SY	J520	B	918	00008–99999
W311	TB302 –1	G	905	M1F20 3	100	020	SY	J521	A	918	00008–99999
W311	TB302 –1	K	905	M1J20 3	080	020	SY	J520	A	918	00008–99999
W311	TB302 –2	A	905	H15D22 3	080	022	SY	J520	C	918	00008–99999
W311	TB302 –2	D	905	H15E22 3	080	022	SY	J520	D	918	00008–99999

Table 43. W312 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W312	GS401	D	905	M11A20N 3	164	020	SY	W312 SP8		905	00008–99999
W312	GS401	E	905	M10A20N 3	164	020	SY	W312 SP6		905	00008–99999
W312	GS401	F	905	M13A22N 3	117	022	SY	W312 SP4		904	00008–99999
W312	GS401	G	905	M12A22N 3	166	022	SY	W312 SP2		904	00008–99999
W312	GS401	H	905	NACA10A22N 3	107	022	SY	P441	5	916	00052–99999
W312	GS401	J	905	NACA8A22N 3	107	022	SY	P441	3	916	00052–99999
W312	GS401	L	905	NACA6A22N 3	155	022	SY	P442	5	916	00052–99999
W312	GS401	M	905	NACA4A22N 3	155	022	SY	P442	3	916	00052–99999
W312	P155	Z	917	M6L20 3	156	020	SY	W312 SP5		905	00008–99999
W312	P155	ZA	917	M6F20 3	112	020	SY	W312 SP7		905	00008–99999
W312	P155	ZB	917	M3M22 3	158	022	SY	W312 SP1		904	00008–99999
W312	P155	ZC	917	M3G22 3	110	022	SY	W312 SP3		904	00008–99999
W312	P155	ZE	917	NACA2F22 3	092	022	SY	W312 SP9			00052–99999
W312	P155	ZF	917	NACA5A22 3	152	022	SY	P442	4	916	00052–99999
W312	P155	ZG	917	NACA7A22 3	152	022	SY	P442	6	916	00052–99999
W312	P155	ZH	917	NACA3F22 3	092	022	SY	W312 SP10			00052–99999
W312	P155	ZK	917	NACA9A22 3	102	022	SY	P441	4	916	00052–99999
W312	P155	ZM	917	NACA11A22 3	102	022	SY	P441	6	916	00052–99999
W312	P441	1	916	NACA2H22 3	015	022	SY	W312 SP9			00052–99999
W312	P441	2	916	NACA3H22 3	015	022	SY	W312 SP10			00052–99999
W312	P441	3	916	NACA8A22N 3	107	022	SY	GS401	J	905	00052–99999
W312	P441	4	916	NACA9A22 3	102	022	SY	P155	ZK	917	00052–99999
W312	P441	5	916	NACA10A22N 3	107	022	SY	GS401	H	905	00052–99999
W312	P441	6	916	NACA11A22 3	102	022	SY	P155	ZM	917	00052–99999
W312	P442	1	916	NACA2G22 3	060	022	SY	W312 SP9			00052–99999
W312	P442	2	916	NACA3G22 3	060	022	SY	W312 SP10			00052–99999
W312	P442	3	916	NACA4A22N 3	155	022	SY	GS401	M	905	00052–99999
W312	P442	4	916	NACA5A22 3	152	022	SY	P155	ZF	917	00052–99999
W312	P442	5	916	NACA6A22N 3	155	022	SY	GS401	L	905	00052–99999
W312	P442	6	916	NACA7A22 3	152	022	SY	P155	ZG	917	00052–99999
W312	W312 SP1		904	M3M22 3	158	022	SY	P155	ZB	917	00008–99999
W312	W312 SP2		904	M12A22N 3	166	022	SY	GS401	G	905	00008–99999
W312	W312 SP3		904	M3G22 3	110	022	SY	P155	ZC	917	00008–99999
W312	W312 SP4		904	M13A22N 3	117	022	SY	GS401	F	905	00008–99999
W312	W312 SP5		905	M6L20 3	156	020	SY	P155	Z	917	00008–99999
W312	W312 SP6		905	M10A20N 3	164	020	SY	GS401	E	905	00008–99999
W312	W312 SP7		905	M6F20 3	112	020	SY	P155	ZA	917	00008–99999
W312	W312 SP8		905	M11A20N 3	164	020	SY	GS401	D	905	00008–99999
W312	W312 SP9			NACA2F22 3	092	022	SY	P155	ZE	917	00052–99999
W312	W312 SP9			NACA2H22 3	015	022	SY	P441	1	916	00052–99999
W312	W312 SP9			NACA2G22 3	060	022	SY	P442	1	916	00052–99999

Table 43. W312 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W312	W312 SP10			NACA3F22 3	092	022	SY	P155	ZH	917	00052–99999
W312	W312 SP10			NACA3H22 3	015	022	SY	P441	2	916	00052–99999
W312	W312 SP10			NACA3G22 3	060	022	SY	P442	2	916	00052–99999

Table 44. W313 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W313	P155	G	917	T56A22 3	125	022	SY	P522	C	918	00008–00014
W313	P155	H	917	T57A22 3	125	022	SY	P522	B	918	00008–00014
W313	P155	J	917	T6C22 3	125	022	SY	P522	A	918	00008–00014
W313	P155	K	917	T6F22 3	130	022	SY	P523	A	918	00008–00014
W313	P155	L	917	T58A22 3	130	022	SY	P523	B	918	00008–00014
W313	P155	M	917	T59A22 3	130	022	SY	P523	C	918	00008–00014
W313	P522	A	918	T6C22 3	125	022	SY	P155	J	917	00008–00014
W313	P522	B	918	T57A22 3	125	022	SY	P155	H	917	00008–00014
W313	P522	C	918	T56A22 3	125	022	SY	P155	G	917	00008–00014
W313	P523	A	918	T6F22 3	130	022	SY	P155	K	917	00008–00014
W313	P523	B	918	T58A22 3	130	022	SY	P155	L	917	00008–00014
W313	P523	C	918	T59A22 3	130	022	SY	P155	M	917	00008–00014

Table 45. W314 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W314	J504	A	922	M19E16 3	010	016	SY	J504 SP1			00008–00034
W314	J504	A	922	M23D16 3	010	016	SY	P600	B 1	961	00035–99999
W314	J504	B	922	M20H16 3	010	016	SY	J504 SP2			00008–00034
W314	J504	B	922	M24A16 3	010	016	SY	P600	B 2	961	00035–99999
W314	J504	C	922	M19E16 3	010	016	SY	J504 SP1			00035–99999
W314	J504	C	922	M23D16 3	010	016	SY	P600	B 1	961	00008–00034
W314	J504	D	922	M20H16 3	010	016	SY	J504 SP2			00035–99999
W314	J504	D	922	M24A16 3	010	016	SY	P600	B 2	961	00008–00034
W314	J504 SP1			M19D22 3	010	022	SY	P600	B 3	959	00008–99999
W314	J504 SP1			M19E16 3	010	016	SY	J504	A	922	00008–00034
W314	J504 SP1			M19E16 3	010	016	SY	J504	C	922	00035–99999
W314	J504 SP2			M20G22 3	010	022	SY	P600	B 4	959	00008–99999
W314	J504 SP2			M20H16 3	010	016	SY	J504	B	922	00008–00034
W314	J504 SP2			M20H16 3	010	016	SY	J504	D	922	00035–99999
W314	J505	A	918	M15A22 5WHT	010	022	SL	P600	A 1	959	00008–99999
W314	J505	B	918	M16A22 5BLU	010	022	SL	P600	A 2	959	00008–99999
W314	J505	C	918	M17A22 5ORN	010	022	SL	P600	A 3	959	00008–99999
W314	J505	D	918	M18A22 5GRN	010	022	SL	P600	A 4	959	00008–99999
W314	J505	E	918	M21A22 5	006	022	ZZ	J505	SH 1	830	00008–99999
W314	J505	SH 1	830	M21A22 5	006	022	ZZ	J505	E	918	00008–99999
W314	P505	A	917	M28A22 3	006	022	SY	P505 R1			00052–99999
W314	P505	B	917	M28B22 3	006	022	SY	P505 R1			00052–99999
W314	P505	C	917	M26A22 3	006	022	SY	P505	D	917	00052–99999
W314	P505	D	917	M26A22 3	006	022	SY	P505	C	917	00052–99999
W314	P505 R1			M28A22 3	006	022	SY	P505	A	917	00052–99999
W314	P505 R1			M28B22 3	006	022	SY	P505	B	917	00052–99999
W314	P600	A 1	959	M15A22 5WHT	010	022	SL	J505	A	918	00008–99999
W314	P600	A 2	959	M16A22 5BLU	010	022	SL	J505	B	918	00008–99999
W314	P600	A 3	959	M17A22 5ORN	010	022	SL	J505	C	918	00008–99999
W314	P600	A 4	959	M18A22 5GRN	010	022	SL	J505	D	918	00008–99999
W314	P600	B 1	961	M23D16 3	010	016	SY	J504	A	922	00035–99999
W314	P600	B 1	961	M23D16 3	010	016	SY	J504	C	922	00008–00034
W314	P600	B 2	961	M24A16 3	010	016	SY	J504	B	922	00035–99999
W314	P600	B 2	961	M24A16 3	010	016	SY	J504	D	922	00008–00034
W314	P600	B 3	959	M19D22 3	010	022	SY	J504 SP1			00008–99999
W314	P600	B 4	959	M20G22 3	010	022	SY	J504 SP2			00008–99999
W314	P600	Case	102	M21B22 5	006	022	ZZ	P600	SH 1	830	00008–99999
W314	P600	SH 1	830	M21B22 5	006	022	ZZ	P600	Case	102	00008–99999

Table 46. W401 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W401	J802	COAX		KY196A1A99 4	310	099	HG	P801	COAX		00008–00008
W401	P801	COAX		KY196A1A99 4	310	099	HG	J802	COAX		00008–00008
W401	P801	COAX		KY196A1A99 4	310	099	HG	P802	COAX		00008–00008
W401	P802	COAX		KY196A1A99 4	310	099	HG	P801	COAX		00008–00008

Table 47. W403 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W403	J804	COAX		KY196A1B99 4	172	099	HG	P802	COAX		00008–00008
W403	P802	COAX		KY196A1B99 4	172	099	HG	J804	COAX		00008–00008
W403	P803	COAX		KY196A1B99 4	172	099	HG	P804	COAX		00008–00008
W403	P804	COAX		KY196A1B99 4	172	099	HG	P803	COAX		00008–00008

Table 48. W405 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W405	P805	COAX		KY196A1C99 4	022	099	HG	P806	COAX		00008–00008
W405	P806	COAX		KY196A1C99 4	022	099	HG	P805	COAX		00008–00008

Table 49. W407 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W407	J813	COAX		KX1651A99 4	310	099	HG	P812	COAX		00008–00014
W407	P812	COAX		KX1651A99 4	310	099	HG	J813	COAX		00008–00014
W407	P812	COAX		KX1651A99 4	310	099	HG	P813	COAX		00008–00014
W407	P813	COAX		KX1651A99 4	310	099	HG	P812	COAX		00008–00014

Table 50. W409 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W409	J814	COAX		KX1651B99 4	172	099	HG	P813	COAX		00008–00014
W409	J815	COAX		KX1651B99 4	172	099	HG	P813	COAX		00008–00014
W409	P813	COAX		KX1651B99 4	172	099	HG	J814	COAX		00008–00014
W409	P813	COAX		KX1651B99 4	172	099	HG	J815	COAX		00008–00014
W409	P814	COAX		KX1651B99 4	172	099	HG	P815	COAX		00008–00014
W409	P815	COAX		KX1651B99 4	172	099	HG	P814	COAX		00008–00014

Table 51. W411 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W411	P814	COAX		KX1651C99 4	035	099	HG	P815	COAX		00008–00014
W411	P815	COAX		KX1651C99 4	035	099	HG	P814	COAX		00008–00014
W411	P816	COAX		KX1651C99 4	035	099	HG	P817	COAX		00008–00014
W411	P817	COAX		KX1651C99 4	035	099	HG	P816	COAX		00008–00014

Table 52. W413 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W413	A612TB2 –9	J	904	KRA40515A22 3	097	022	SY	P819	F	593	00008–99999
W413	A612TB2 –9	K	904	KX1658A22 3	040	022	SY	P809	B	707	00008–99999
W413	A612TB2 –9	L	904	ATTGYR3A22 3	090	022	SY	P834	B		00008–99999
W413	A612TB2 –10	B	905	KT7016A22 3	044	022	SY	P824	3	041	00008–99999
W413	A612TB2 –10	C	905	KY196A14A22 3	044	022	SY	P800	1	041	00008–99999
W413	A612TB2 –10	D	905	AMS4327A22 3	060	022	SY	P502	19	936	00008–99999
W413	A612TB3 –3	B	904	AMS4353A22 6WHT	057	022	SJ	P502	18	936	00008–99999
W413	A612TB3 –3	F	904	AMS4354A22 6BLU	057	022	SJ	P502	37	936	00008–99999
W413	A612TB3 –3	K	904	AMS4365A22 6WHT	057	022	SJ	P501	24	936	00008–99999
W413	A612TB3 –3	P	904	AMS4366A22 6BLU	057	022	SJ	P501	41	936	00008–99999
W413	A612TB3 –4	C	904	AMS4382B22 3	056	022	SY	P501	10	936	00008–99999
W413	A612TB3 –4	G	904	AMS4381B22 3	056	022	SY	P501	8	936	00008–99999
W413	A612TB3 –5	C	904	AMS4359A22 6WHT	057	022	SJ	P502	17	936	00008–99999
W413	A612TB3 –5	G	904	AMS4360A22 6BLU	057	022	SJ	P502	36	936	00008–99999
W413	A612TB3 –5	L	904	AMS4368A22 6WHT	057	022	SJ	P501	25	936	00008–99999
W413	A612TB3 –5	R	904	AMS4369A22 6BLU	057	022	SJ	P501	42	936	00008–99999
W413	A612TB3 –6	B	904	AMS4371A22 6WHT	057	022	SJ	P501	26	936	00008–99999
W413	A612TB3 –6	F	904	AMS4372A22 6BLU	057	022	SJ	P501	43	936	00008–99999
W413	A612TB3 –6	K	904	AMS4374A22 6WHT	057	022	SJ	P501	30	936	00008–99999
W413	A612TB3 –6	P	904	AMS4375A22 6BLU	057	022	SJ	P501	47	936	00008–99999
W413	A612TB3 –7	B	904	AMS4362A22 4WHT	057	022	SJ	P502	13	936	00008–99999
W413	A612TB3 –7	F	904	AMS4363A22 4BLU	057	022	SJ	P502	32	936	00008–99999
W413	A612TB3 –7	Z	904	AMS431C22 3	057	022	SY	P501	17	936	00008–99999
W413	A612TB3 –8	B	904	AMS4385A22 3	057	022	SY	P501	7	936	00008–99999
W413	A612TB3 –8	F	904	AMS4386A22 3	057	022	SY	P501	9	936	00008–99999
W413	A612TB4 –1	B	904	KRA4053E22 3	070	022	SY	P818	L	593	00008–99999
W413	A612TB4 –1	C	904	KRA4053D22 3	095	022	SY	P819	N	593	00008–99999
W413	A612TB4 –1	F	904	KT702D22 3	041	022	SY	P824	11	041	00008–99999
W413	A612TB4 –1	G	904	KT702E22 3	041	022	SY	P824	12	041	00008–99999
W413	A612TB4 –1	K	904	ATTGYR1D22 3	087	022	SY	P834	C		00008–99999
W413	A612TB4 –2	A	906	KY196A2E16 3	040	016	SY	P800	14	041	00008–99999
W413	A612TB4 –2	B	906	KX1652F16 3	075	016	SY	P808	P	041	00008–99999
W413	A612TB4 –2	C	906	KY196A2D16 3	040	016	SY	P800	R	041	00008–99999
W413	A612TB4 –2	D	906	KX1652E16 3	075	016	SY	P808	13	041	00008–99999
W413	A612TB4 –3	L	904	KY196A15A22 3	040	022	SY	P800	L	041	00008–99999
W413	A612TB4 –3	R	904	KY196A16A22 3	040	022	SY	P800	11	041	00008–99999
W413	A612TB4 –3	W	904	AMS4317A22 3	060	022	SY	P501	16	936	00008–99999
W413	A612TB4 –4	C	904	KX16526A22 3	075	022	SY	P808	R	041	00008–99999
W413	GS107	B	905	KX16536A22N 5	075	022	SY	P807	SH 6	818	00008–99999
W413	GS107	D	905	KX1656A22N 3	027	022	SY	P809	V	707	00008–99999
W413	GS107	F	905	KX1657A22N 3	027	022	SY	P809	E	707	00008–99999

Table 52. W413 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W413	GS108	B	905	KT704A22N 3	030	022	SY	P824	1	041	00008–99999
W413	GS108	C	905	KT705A22N 3	030	022	SY	P824	A	041	00008–99999
W413	GS108	D	905	AMS4380A22N 6	046	022	SY	P501	SH 6	818	00008–99999
W413	GS108	E	905	AMS432A22N 3	046	022	SY	P501	34	936	00008–99999
W413	GS108	F	905	KX16535A22N 6	046	022	SY	P502	SH 6	818	00008–99999
W413	GS108	G	905	KY196A24A22N 3	030	022	SY	P800	8	041	00008–99999
W413	GS108	H	905	KRA4055A22N 3	060	022	SY	P818	N	593	00008–99999
W413	GS108	J	905	KRA4056A22N 3	083	022	SY	P819	E	593	00008–99999
W413	GS108	K	905	KRA4054A22N 3	083	022	SY	P819	V	593	00008–99999
W413	GS108	L	905	ATTGYR2A22N 3	077	022	SY	P834	A		00008–99999
W413	GS108	M	905	ATTGYR4A22N 3	077	022	SY	P834	D		00008–99999
W413	GS109	A	906	KY196A9A16N 3	030	016	SY	P800	F	041	00008–99999
W413	GS109	B	906	KY196A10A16N 3	030	016	SY	P800	6	041	00008–99999
W413	GS109	C	906	KY196A11A16N 3	030	016	SY	P800	S	041	00008–99999
W413	GS109	D	906	KY196A12A16N 3	030	016	SY	P800	15	041	00008–99999
W413	GS109	E	906	KX1655A16N 3	075	016	SY	P808	15	041	00008–99999
W413	GS109	F	906	KX1654A16N 3	075	016	SY	P808	S	041	00008–99999
W413	P501	1	936	KY196A18A22 6WHT	035	022	SJ	P800	9	041	00008–99999
W413	P501	2	936	KX16527A22 6WHT	032	022	SJ	P808	6	041	00008–99999
W413	P501	7	936	AMS4385A22 3	057	022	SY	A612TB3 –8	B	904	00008–99999
W413	P501	8	936	AMS4381B22 3	056	022	SY	A612TB3 –4	G	904	00008–99999
W413	P501	9	936	AMS4386A22 3	057	022	SY	A612TB3 –8	F	904	00008–99999
W413	P501	10	936	AMS4382B22 3	056	022	SY	A612TB3 –4	C	904	00008–99999
W413	P501	13	936	KRA40516A22 3	100	022	SY	P819	A	593	00008–99999
W413	P501	16	936	AMS4317A22 3	060	022	SY	A612TB4 –3	W	904	00008–99999
W413	P501	17	936	AMS431C22 3	057	022	SY	A612TB3 –7	Z	904	00008–99999
W413	P501	18	936	KY196A19A22 6BLU	035	022	SJ	P800	J	041	00008–99999
W413	P501	19	936	KX16528A22 6BLU	032	022	SJ	P808	2	041	00008–99999
W413	P501	24	936	AMS4365A22 6WHT	057	022	SJ	A612TB3 –3	K	904	00008–99999
W413	P501	25	936	AMS4368A22 6WHT	057	022	SJ	A612TB3 –5	L	904	00008–99999
W413	P501	26	936	AMS4371A22 6WHT	057	022	SJ	A612TB3 –6	B	904	00008–99999
W413	P501	30	936	AMS4374A22 6WHT	057	022	SJ	A612TB3 –6	K	904	00008–99999
W413	P501	34	936	AMS432A22N 3	046	022	SY	GS108	E	905	00008–99999
W413	P501	35	936	KY196A20A22 6	006	022	ZZ	P501	SH 2	830	00008–99999
W413	P501	36	936	KX16529A22 6	006	022	ZZ	P501	SH 1	830	00008–99999
W413	P501	41	936	AMS4366A22 6BLU	057	022	SJ	A612TB3 –3	P	904	00008–99999
W413	P501	42	936	AMS4369A22 6BLU	057	022	SJ	A612TB3 –5	R	904	00008–99999
W413	P501	43	936	AMS4372A22 6BLU	057	022	SJ	A612TB3 –6	F	904	00008–99999
W413	P501	47	936	AMS4375A22 6BLU	057	022	SJ	A612TB3 –6	P	904	00008–99999
W413	P501	SH 1	830	KX16529A22 6	006	022	ZZ	P501	36	936	00008–99999
W413	P501	SH 2	830	KY196A20A22 6	006	022	ZZ	P501	35	936	00008–99999

Table 52. W413 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W413	P501	SH 3	830	AMS4387A22 6	006	022	ZZ	P501	SH 4		00008–99999
W413	P501	SH 4	830	AMS4388A22 6	006	022	ZZ	P501	SH 5		00008–99999
W413	P501	SH 4		AMS4387A22 6	006	022	ZZ	P501	SH 3	830	00008–99999
W413	P501	SH 5	830	AMS4389A22 6	006	022	ZZ	P501	SH 6		00008–99999
W413	P501	SH 5		AMS4388A22 6	006	022	ZZ	P501	SH 4	830	00008–99999
W413	P501	SH 6	818	AMS4380A22N 6	046	022	SY	GS108	D	905	00008–99999
W413	P501	SH 6		AMS4389A22 6	006	022	ZZ	P501	SH 5	830	00008–99999
W413	P502	2	936	KY196A21A22 6WHT	035	022	SJ	P800	H	041	00008–99999
W413	P502	3	936	KX16533A22 6WHT	032	022	SJ	P808	9	041	00008–99999
W413	P502	7	936	KX16530A22 6WHT	032	022	SJ	P808	10	041	00008–99999
W413	P502	13	936	AMS4362A22 4WHT	057	022	SJ	A612TB3 –7	B	904	00008–99999
W413	P502	17	936	AMS4359A22 6WHT	057	022	SJ	A612TB3 –5	C	904	00008–99999
W413	P502	18	936	AMS4353A22 6WHT	057	022	SJ	A612TB3 –3	B	904	00008–99999
W413	P502	19	936	AMS4327A22 3	060	022	SY	A612TB2 –10	D	905	00008–99999
W413	P502	21	936	KY196A22A22 6BLU	035	022	SJ	P800	7	041	00008–99999
W413	P502	22	936	KX16534A22 6BLU	032	022	SJ	P808	K	041	00008–99999
W413	P502	26	936	KX16531A22 6BLU	032	022	SJ	P808	L	041	00008–99999
W413	P502	32	936	AMS4363A22 4BLU	057	022	SJ	A612TB3 –7	F	904	00008–99999
W413	P502	36	936	AMS4360A22 6BLU	057	022	SJ	A612TB3 –5	G	904	00008–99999
W413	P502	37	936	AMS4354A22 6BLU	057	022	SJ	A612TB3 –3	F	904	00008–99999
W413	P502	SH 1	830	AMS4390A22 6	006	022	ZZ	P502	SH 2		00008–99999
W413	P502	SH 2	830	AMS4391A22 6	006	022	ZZ	P502	SH 3		00008–99999
W413	P502	SH 2		AMS4390A22 6	006	022	ZZ	P502	SH 1	830	00008–99999
W413	P502	SH 3	830	AMS4392A22 4	006	022	ZZ	P502	SH 4		00008–99999
W413	P502	SH 3		AMS4391A22 6	006	022	ZZ	P502	SH 2	830	00008–99999
W413	P502	SH 4	830	KX16532A22 6	006	022	ZZ	P502	SH 5		00008–99999
W413	P502	SH 4		AMS4392A22 4	006	022	ZZ	P502	SH 3	830	00008–99999
W413	P502	SH 5	830	KY196A23A22 6	006	022	ZZ	P502	SH 6		00008–99999
W413	P502	SH 5		KX16532A22 6	006	022	ZZ	P502	SH 4	830	00008–99999
W413	P502	SH 6	818	KX16535A22N 6	046	022	SY	GS108	F	905	00008–99999
W413	P502	SH 6		KY196A23A22 6	006	022	ZZ	P502	SH 5	830	00008–99999
W413	P800	1	041	KY196A14A22 3	044	022	SY	A612TB2 –10	C	905	00008–99999
W413	P800	6	041	KY196A10A16N 3	030	016	SY	GS109	B	906	00008–99999
W413	P800	7	041	KY196A22A22 6BLU	035	022	SJ	P502	21	936	00008–99999
W413	P800	8	041	KY196A24A22N 3	030	022	SY	GS108	G	905	00008–99999
W413	P800	9	041	KY196A18A22 6WHT	035	022	SJ	P501	1	936	00008–99999
W413	P800	11	041	KY196A16A22 3	040	022	SY	A612TB4 –3	R	904	00008–99999
W413	P800	12	041	KY196A4A20 3	010	020	SY	P800	P	041	00008–99999
W413	P800	13	041	KY196A5A20 3	010	020	SY	P800	N	041	00008–99999
W413	P800	14	041	KY196A2E16 3	040	016	SY	A612TB4 –2	A	906	00008–99999
W413	P800	15	041	KY196A12A16N 3	030	016	SY	GS109	D	906	00008–99999

Table 52. W413 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W413	P800	F	041	KY196A9A16N 3	030	016	SY	GS109	A	906	00008–99999
W413	P800	H	041	KY196A21A22 6WHT	035	022	SJ	P502	2	936	00008–99999
W413	P800	J	041	KY196A19A22 6BLU	035	022	SJ	P501	18	936	00008–99999
W413	P800	L	041	KY196A15A22 3	040	022	SY	A612TB4 –3	L	904	00008–99999
W413	P800	N	041	KY196A5A20 3	010	020	SY	P800	13	041	00008–99999
W413	P800	P	041	KY196A4A20 3	010	020	SY	P800	12	041	00008–99999
W413	P800	R	041	KY196A2D16 3	040	016	SY	A612TB4 –2	C	906	00008–99999
W413	P800	S	041	KY196A11A16N 3	030	016	SY	GS109	C	906	00008–99999
W413	P807	1	041	KX16512A22 3	073	022	SY	P809	F	707	00008–99999
W413	P807	2	041	KX16523A22 5WHT	073	022	SJ	P809	Z	707	00008–99999
W413	P807	3	041	KX16521A22 5WHT	073	022	SJ	P809	T	707	00008–99999
W413	P807	5	041	KX16515A22 5WHT	073	022	SY	A612TB3 –7	Z	904	00008–99999
W413	P807	9	041	KX1659A22 3	073	022	SY	P809	S	707	00008–99999
W413	P807	10	041	KX16520A22 5BLU	073	022	SJ	P809	P	707	00008–99999
W413	P807	11	041	KX16524A22 5BLU	073	022	SJ	P809	ZC	707	00008–99999
W413	P807	B	041	KX16511A22 3	073	022	SY	P809	N	707	00008–99999
W413	P807	C	041	KX16519A22 5WHT	073	022	SJ	P809	L	707	00008–99999
W413	P807	E	041	KX16525A22 5	073	022	SH	P808	H	041	00008–99999
W413	P807	H	041	KX16510A22 3	073	022	SY	P809	ZE	707	00008–99999
W413	P807	K	041	KX16516A22 5BLU	073	022	SJ	P809	ZN	707	00008–99999
W413	P807	L	041	KX16522A22 5BLU	073	022	SJ	P809	W	707	00008–99999
W413	P807	R	041	KX16513A22 3	073	022	SY	P809	J	707	00008–99999
W413	P807	S	041	KX16517A22 5WHT	073	022	SJ	P809	ZK	707	00008–99999
W413	P807	T	041	KX16518A22 5BLU	073	022	SJ	P809	ZM	707	00008–99999
W413	P807	U	041	KX16514A22 3	073	022	SY	P809	H	707	00008–99999
W413	P807	SH 1	830	KX16539A22 5	006	022	ZZ	P807	SH 2		00008–99999
W413	P807	SH 2	830	KX16540A22 5	006	022	ZZ	P807	SH 3		00008–99999
W413	P807	SH 2		KX16539A22 5	006	022	ZZ	P807	SH 1	830	00008–99999
W413	P807	SH 3	830	KX16541A22 5	006	022	ZZ	P807	SH 4		00008–99999
W413	P807	SH 3		KX16540A22 5	006	022	ZZ	P807	SH 2	830	00008–99999
W413	P807	SH 4	830	KX16542A22 5	006	022	ZZ	P807	SH 5		00008–99999
W413	P807	SH 4		KX16541A22 5	006	022	ZZ	P807	SH 3	830	00008–99999
W413	P807	SH 5	830	KX16543A22 5	006	022	ZZ	P807	SH 6		00008–99999
W413	P807	SH 5		KX16542A22 5	006	022	ZZ	P807	SH 4	830	00008–99999
W413	P807	SH 6	818	KX16536A22N 5	075	022	SY	GS107	B	905	00008–99999
W413	P807	SH 6		KX16543A22 5	006	022	ZZ	P807	SH 5	830	00008–99999
W413	P808	2	041	KX16528A22 6BLU	032	022	SJ	P501	19	936	00008–99999
W413	P808	6	041	KX16527A22 6WHT	032	022	SJ	P501	2	936	00008–99999
W413	P808	9	041	KX16533A22 6WHT	032	022	SJ	P502	3	936	00008–99999
W413	P808	10	041	KX16530A22 6WHT	032	022	SJ	P502	7	936	00008–99999
W413	P808	11	041	KX16538C20 3	010	020	SY	P808 SP2			00008–99999

Table 52. W413 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W413	P808	12	041	KX16538A20 3	010	020	SY	P808 SP2			00008–99999
W413	P808	13	041	KX1652E16 3	075	016	SY	A612TB4 –2	D	906	00008–99999
W413	P808	15	041	KX1655A16N 3	075	016	SY	GS109	E	906	00008–99999
W413	P808	H	041	KX16525A22 5	073	022	SH	P807	E	041	00008–99999
W413	P808	K	041	KX16534A22 6BLU	032	022	SJ	P502	22	936	00008–99999
W413	P808	L	041	KX16531A22 6BLU	032	022	SJ	P502	26	936	00008–99999
W413	P808	M	041	KX16538D20 3	010	020	SY	P808 SP2			00008–99999
W413	P808	N	041	KX16538B20 3	010	020	SY	P808 SP2			00008–99999
W413	P808	P	041	KX1652F16 3	075	016	SY	A612TB4 –2	B	906	00008–99999
W413	P808	R	041	KX16526A22 3	075	022	SY	A612TB4 –4	C	904	00008–99999
W413	P808	S	041	KX1654A16N 3	075	016	SY	GS109	F	906	00008–99999
W413	P808 SP2			KX16538C20 3	010	020	SY	P808	11	041	00008–99999
W413	P808 SP2			KX16538A20 3	010	020	SY	P808	12	041	00008–99999
W413	P808 SP2			KX16538D20 3	010	020	SY	P808	M	041	00008–99999
W413	P808 SP2			KX16538B20 3	010	020	SY	P808	N	041	00008–99999
W413	P809	B	707	KX1658A22 3	040	022	SY	A612TB2 –9	K	904	00008–99999
W413	P809	E	707	KX1657A22N 3	027	022	SY	GS107	F	905	00008–99999
W413	P809	F	707	KX16512A22 3	073	022	SY	P807	1	041	00008–99999
W413	P809	H	707	KX16514A22 3	073	022	SY	P807	U	041	00008–99999
W413	P809	J	707	KX16513A22 3	073	022	SY	P807	R	041	00008–99999
W413	P809	L	707	KX16519A22 5WHT	073	022	SJ	P807	C	041	00008–99999
W413	P809	N	707	KX16511A22 3	073	022	SY	P807	B	041	00008–99999
W413	P809	P	707	KX16520A22 5BLU	073	022	SJ	P807	10	041	00008–99999
W413	P809	S	707	KX1659A22 3	073	022	SY	P807	9	041	00008–99999
W413	P809	T	707	KX16521A22 5WHT	073	022	SJ	P807	3	041	00008–99999
W413	P809	V	707	KX1656A22N 3	027	022	SY	GS107	D	905	00008–99999
W413	P809	W	707	KX16522A22 5BLU	073	022	SJ	P807	L	041	00008–99999
W413	P809	Z	707	KX16523A22 5WHT	073	022	SJ	P807	2	041	00008–99999
W413	P809	ZC	707	KX16524A22 5BLU	073	022	SJ	P807	11	041	00008–99999
W413	P809	ZE	707	KX16510A22 3	073	022	SY	P807	H	041	00008–99999
W413	P809	ZJ	707	KX16515A22 5WHT	073	022	SJ	P807	5	041	00008–99999
W413	P809	ZK	707	KX16517A22 5WHT	073	022	SJ	P807	S	041	00008–99999
W413	P809	ZM	707	KX16518A22 5BLU	073	022	SJ	P807	T	041	00008–99999
W413	P809	ZN	707	KX16516A22 5BLU	073	022	SJ	P807	K	041	00008–99999
W413	P818	D	593	KRA4057A24 5WHT	115	024	RB	P819	J	593	00008–99999
W413	P818	H	593	KRA40513A22 3	115	022	SY	P819	S	593	00008–99999
W413	P818	J	593	KRA40517A22 3	010	022	SY	P818	ZA	593	00008–99999
W413	P818	L	593	KRA4053E22 3	070	022	SY	A612TB4 –1	B	904	00008–99999
W413	P818	N	593	KRA4055A22N 3	060	022	SY	GS108	H	905	00008–99999
W413	P818	P	593	KRA40511A22 3	115	022	SY	P819	D	593	00008–99999
W413	P818	T	593	KRA40514A22 3	115	022	SY	P819	K	593	00008–99999

Table 52. W413 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W413	P818	U	593	KRA40512A22 3	115	022	SY	P819	G	593	00008–99999
W413	P818	X	593	KRA4058B22 5	010	022	SY	P818 SP1			00008–99999
W413	P818	ZA	593	KRA40517A22 3	010	022	SY	P818	J	593	00008–99999
W413	P818	ZC	593	KRA4059A22 3	115	022	SY	P819	B	593	00008–99999
W413	P818	ZE	593	KRA40510A22 3	115	022	SY	P819	L	593	00008–99999
W413	P818 SP1			KRA4058A24 5BLU	111	024	RB	P819	H	593	00008–99999
W413	P818 SP1			KRA4058C22 5	006	022	ZZ	P818	SH 1	830	00008–99999
W413	P818 SP1			KRA4058B22 5	010	022	SY	P818	X	593	00008–99999
W413	P818	SH 1	830	KRA4058C22 5	006	022	ZZ	P818 SP1			00008–99999
W413	P819	A	593	KRA40516A22 3	100	022	SY	P501	13	936	00008–99999
W413	P819	B	593	KRA4059A22 3	115	022	SY	P818	ZC	593	00008–99999
W413	P819	D	593	KRA40511A22 3	115	022	SY	P818	P	593	00008–99999
W413	P819	E	593	KRA4056A22N 3	083	022	SY	GS108	J	905	00008–99999
W413	P819	F	593	KRA40515A22 3	097	022	SY	A612TB2 –9	J	904	00008–99999
W413	P819	G	593	KRA40512A22 3	115	022	SY	P818	U	593	00008–99999
W413	P819	H	593	KRA4058A24 5BLU	111	024	RB	P818 SP1			00008–99999
W413	P819	J	593	KRA4057A24 5WHT	115	024	RB	P818	D	593	00008–99999
W413	P819	K	593	KRA40514A22 3	115	022	SY	P818	T	593	00008–99999
W413	P819	L	593	KRA40510A22 3	115	022	SY	P818	ZE	593	00008–99999
W413	P819	N	593	KRA4053D22 3	095	022	SY	A612TB4 –1	C	904	00008–99999
W413	P819	S	593	KRA40513A22 3	115	022	SY	P818	H	593	00008–99999
W413	P819	V	593	KRA4054A22N 3	083	022	SY	GS108	K	905	00008–99999
W413	P824	1	041	KT704A22N 3	030	022	SY	GS108	B	905	00008–99999
W413	P824	3	041	KT7016A22 3	044	022	SY	A612TB2 –10	B	905	00008–99999
W413	P824	8	041	KT7015A22 3	026	022	SY	P827	1	915	00008–99999
W413	P824	11	041	KT702D22 3	041	022	SY	A612TB4 –1	F	904	00008–99999
W413	P824	12	041	KT702E22 3	041	022	SY	A612TB4 –1	G	904	00008–99999
W413	P824	A	041	KT705A22N 3	030	022	SY	GS108	C	905	00008–99999
W413	P824	B	041	KT7011A22 3	026	022	SY	P827	10	915	00008–99999
W413	P824	C	041	KT7010A22 3	026	022	SY	P827	9	915	00008–99999
W413	P824	D	041	KT7012A22 3	026	022	SY	P827	11	915	00008–99999
W413	P824	E	041	KT709A22 3	026	022	SY	P827	5	915	00008–99999
W413	P824	H	041	KT7014A22 3	026	022	SY	P827	12	915	00008–99999
W413	P824	J	041	KT708A22 3	026	022	SY	P827	4	915	00008–99999
W413	P824	K	041	KT707A22 3	026	022	SY	P827	3	915	00008–99999
W413	P824	L	041	KT7013A22 3	026	022	SY	P827	13	915	00008–99999
W413	P824	M	041	KT706A22 3	026	022	SY	P827	2	915	00008–99999
W413	P827	1	915	KT7015A22 3	026	022	SY	P824	8	041	00008–99999
W413	P827	2	915	KT706A22 3	026	022	SY	P824	M	041	00008–99999
W413	P827	3	915	KT707A22 3	026	022	SY	P824	K	041	00008–99999
W413	P827	4	915	KT708A22 3	026	022	SY	P824	J	041	00008–99999

Table 52. W413 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W413	P827	5	915	KT709A22 3	026	022	SY	P824	E	041	00008–99999
W413	P827	9	915	KT7010A22 3	026	022	SY	P824	C	041	00008–99999
W413	P827	10	915	KT7011A22 3	026	022	SY	P824	B	041	00008–99999
W413	P827	11	915	KT7012A22 3	026	022	SY	P824	D	041	00008–99999
W413	P827	12	915	KT7014A22 3	026	022	SY	P824	H	041	00008–99999
W413	P827	13	915	KT7013A22 3	026	022	SY	P824	L	041	00008–99999
W413	P834	A		ATTGYR2A22N 3	077	022	SY	GS108	L	905	00008–99999
W413	P834	B		ATTGYR3A22 3	090	022	SY	A612TB2 –9	L	904	00008–99999
W413	P834	C		ATTGYR1D22 3	087	022	SY	A612TB4 –1	K	904	00008–99999
W413	P834	D		ATTGYR4A22N 3	077	022	SY	GS108	M	905	00008–99999

Table 53. W417 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W417	P825	COAX		KT701A99 4	060	099	HG	P826	COAX		00015–99999
W417	P826	COAX		KT701A99 4	060	099	HG	P825	COAX		00015–99999

Table 54. W419 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W419	P835	COAX		KX1654A99 1	020	099	HG	P836	COAX		00008–00014
W419	P835	COAX		KX1654A99 1	028	099	HG	P836	COAX		00008–00014
W419	P836	COAX		KX1654A99 1	020	099	HG	P835	COAX		00008–00014
W419	P836	COAX		KX1654A99 1	028	099	HG	P835	COAX		00008–00014

Table 55. W421 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W421	P837	COAX		KX1655A99 1	028	099	HG	P838	COAX		00008–00014
W421	P838	COAX		KX1655A99 1	028	099	HG	P837	COAX		00008–00014

Table 56. W423 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W423	P820	COAX		KRA4051A99 4	146	099	HG	P821	COAX		00010–00012
W423	P821	COAX		KRA4051A99 4	146	099	HG	P820	COAX		00010–00012

Table 57. W425 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W425	P822	COAX		KRA4052A99 4	146	099	HG	P823	COAX		00001–99999
W425	P823	COAX		KRA4052A99 4	146	099	HG	P822	COAX		00001–99999

Table 58. W430 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W430	2 J813			COMM21A99 2	310	099	HG	2 P812			00008–00014
W430	2 P812			COMM21A99 2	310	099	HG	2 J813			00008–00014

Table 59. W431 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W431	2 J814			COMM21B99 2	172	099	HG	2 P813			00008–00014
W431	2 P813			COMM21B99 2	172	099	HG	2 J814			00008–00014

Table 60. W432 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W432	2 P814			COMM21C99 2	035	099	HG	2 P815			00008–00014
W432	2 P815			COMM21C99 2	035	099	HG	2 P814			00008–00014

Table 61. W433 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W433	P838	COAX		KLX1351A99 2	045	099	HG	P839	COAX		00015–99999
W433	P839	COAX		KLX1351A99 2	045	099	HG	P838	COAX		00015–99999

Table 62. W434 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W434	J841	COAX		KLX1352A99 2	300	099	HG	P840	COAX		00015–99999
W434	P840	COAX		KLX1352A99 2	300	099	HG	J841	COAX		00015–99999

Table 63. W435 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W435	P841	COAX		KLX1352B99 2	172	099	HG	P842	COAX		00015–99999
W435	P842	COAX		KLX1352B99 2	172	099	HG	P841	COAX		00015–99999

Table 64. W436 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W436	P842	COAX		KLX1352C99 2	35	099	HG	P843	COAX		00015–99999
W436	P843	COAX		KLX1352C99 2	35	099	HG	P842	COAX		00015–99999

Table 65. W451 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W451	A612TB2 –9	L		ATTGYR3A22 3	089	022	SY	P834	B	A11	00008–00010
W451	A612TB2 –9	M		ATTGYR3A22 3	089	022	SY	P834	B	A11	00011–99999
W451	GS108	L		ATTGYR2A22N 3	076	022	SY	P834	A	A11	00008–99999
W451	GS108	M		ATTGYR4A22N 3	076	022	SY	P834	D	A11	00008–99999
W451	P375	4		ATTGYR1B22 3	304	022	SY	P834	C	A11	00008–00010
W451	P375	4		ATTGYR1C22 3	304	022	SY	P834	C	A11	00011–99999
W451	P834	A	A11	ATTGYR2A22N 3	076	022	SY	GS108	L		00008–99999
W451	P834	B	A11	ATTGYR3A22 3	089	022	SY	A612TB2 –9	L		00008–00010
W451	P834	B	A11	ATTGYR3A22 3	089	022	SY	A612TB2 –9	M		00011–99999
W451	P834	C	A11	ATTGYR1B22 3	304	022	SY	P375	4		00008–00010
W451	P834	C	A11	ATTGYR1C22 3	304	022	SY	P375	4		00011–99999
W451	P834	D	A11	ATTGYR4A22N 3	076	022	SY	GS108	M		00008–99999

Table 66. W452 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W452	A612TB2 –10	D		AMS437A22 3	060	022	SY	P502	19	936	00008–00011
W452	A612TB3 –2	N		AMS437B22 3	060	022	SY	P502	19	936	00012–99999
W452	A612TB3 –3	B		AMS4330A22 6WHT	060	022	SJ	P502	18	936	00008–00011
W452	A612TB3 –3	F		AMS4331A22 6BLU	060	022	SJ	P502	37	936	00008–00011
W452	A612TB3 –3	K		AMS439A22 6WHT	060	022	SJ	P501	24	936	00008–00011
W452	A612TB3 –3	P		AMS4310A22 6BLU	060	022	SJ	P501	41	936	00008–00011
W452	A612TB3 –4	C		AMS4319A22 3	060	022	SY	P501	10	936	00008–00011
W452	A612TB3 –4	G		AMS4320A22 3	060	022	SY	P501	8	936	00008–00011
W452	A612TB3 –5	C		AMS433A22 6WHT	060	022	SJ	P502	17	936	00008–00011
W452	A612TB3 –5	G		AMS434A22 6BLU	060	022	SJ	P502	36	936	00008–00011
W452	A612TB3 –5	L		AMS4311A22 6WHT	060	022	SJ	P501	25	936	00008–00011
W452	A612TB3 –5	R		AMS4312A22 6BLU	060	022	SJ	P501	42	936	00008–00011
W452	A612TB3 –6	B		AMS4313A22 6WHT	060	022	SJ	P501	26	936	00008–00011
W452	A612TB3 –6	F		AMS4314A22 6BLU	060	022	SJ	P501	43	936	00008–00011
W452	A612TB3 –6	K		AMS4315A22 6WHT	060	022	SJ	P501	30	936	00008–00011
W452	A612TB3 –6	P		AMS4316A22 6BLU	060	022	SJ	P501	47	936	00008–00011
W452	A612TB3 –7	B		AMS435A22 4WHT	060	022	SJ	P502	13	936	00008–00011
W452	A612TB3 –7	F		AMS436A22 4BLU	060	022	SJ	P502	32	936	00008–00011
W452	A612TB3 –7	Z		AMS4318A22 3	060	022	SY	P501	17	936	00008–00011
W452	A612TB3 –8	B		AMS4323A22 3	060	022	SY	P501	9	936	00008–00011
W452	A612TB3 –8	F		AMS4322A22 3	060	022	SY	P501	7	936	00008–00011
W452	A612TB4 –3	W		AMS4317A22 3	060	022	SY	P501	16	936	00008–00011
W452	A675TB1 –1	B		AMS4330A22 5WHT	060	022	SJ	P502	18	936	00012–99999
W452	A675TB1 –1	F		AMS4331A22 5BLU	060	022	SJ	P502	37	936	00012–99999
W452	A675TB1 –1	K		AMS439A22 5WHT	060	022	SJ	P501	24	936	00012–99999
W452	A675TB1 –1	P		AMS4310A22 5BLU	060	022	SJ	P501	41	936	00012–99999
W452	A675TB1 –1	W		AMS4323A22 3	060	022	SY	P501	9	936	00012–99999
W452	A675TB1 –12	A		AMS4352A22 5WHT	060	022	SJ	P502	16	936	00012–99999
W452	A675TB1 –12	E		AMS4353A22 5BLU	060	022	SJ	P502	35	936	00012–99999
W452	A675TB1 –12	J		AMS4342A22 5WHT	060	022	SJ	P502	8	936	00012–99999
W452	A675TB1 –12	N		AMS4343A22 5BLU	060	022	SJ	P502	27	936	00012–99999
W452	A675TB1 –12	W		AMS4318A22 3	060	022	SY	P501	17	936	00050–99999
W452	A675TB1 –12	Y		AMS4356A22 3	020	022	SY	A675TB1 –5	W		00050–99999
W452	A675TB1 –2	C		AMS4319A22 3	060	022	SY	P501	10	936	00012–99999
W452	A675TB1 –2	G		AMS4320A22 3	060	022	SY	P501	8	936	00012–99999
W452	A675TB1 –2	K		AMS4322A22 3	060	022	SY	P501	7	936	00012–99999
W452	A675TB1 –2	Y		AMS4347A22 5BLU	060	022	SJ	P501	36	936	00015–99999
W452	A675TB1 –3	C		AMS433A22 5WHT	060	022	SJ	P502	17	936	00012–99999
W452	A675TB1 –3	G		AMS434A22 5BLU	060	022	SJ	P502	36	936	00012–99999
W452	A675TB1 –3	L		AMS4311A22 5WHT	060	022	SJ	P501	25	936	00012–99999
W452	A675TB1 –3	R		AMS4312A22 5BLU	060	022	SJ	P501	42	936	00012–99999

Table 66. W452 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W452	A675TB1 –4	B		AMS4313A22 5WHT	060	022	SJ	P501	26	936	00012–99999
W452	A675TB1 –4	F		AMS4314A22 5BLU	060	022	SJ	P501	43	936	00012–99999
W452	A675TB1 –4	K		AMS4315A22 5WHT	060	022	SJ	P501	30	936	00012–99999
W452	A675TB1 –4	P		AMS4316A22 5BLU	060	022	SJ	P501	47	936	00012–99999
W452	A675TB1 –5	B		AMS435A22 5WHT	060	022	SJ	P502	13	936	00012–99999
W452	A675TB1 –5	F		AMS436A22 4BLU	060	022	SJ	P502	32	936	00012–00014
W452	A675TB1 –5	F		AMS436A22 5BLU	060	022	SJ	P502	32	936	00015–99999
W452	A675TB1 –5	W		AMS4356A22 3	020	022	SY	A675TB1 –6	Y		00015–00049
W452	A675TB1 –5	W		AMS4356A22 3	020	022	SY	A675TB1 –12	Y		00050–99999
W452	A675TB1 –5	Z		AMS4317A22 3	060	022	SY	P501	16	936	00012–99999
W452	A675TB1 –6	W		AMS4318A22 3	060	022	SY	P501	17	936	00012–00049
W452	A675TB1 –6	Y		AMS4356A22 3	020	022	SY	A675TB1 –5	W		00015–00049
W452	A675TB1 –7	Y		AMS4354A22N 3	060	022	SY	GS108	L		00015–99999
W452	A675TB1 –8	A		AMS4347A22 5BLU	060	022	SJ	P501	19	936	00012–00014
W452	A675TB1 –8	A		AMS4346A22 5WHT	060	022	SJ	P501	19	936	00015–99999
W452	A675TB1 –8	E		AMS4346A22 5WHT	060	022	SJ	P501	2	936	00012–00014
W452	A675TB1 –8	E		AMS4355A22 5	060	022	SH	P501	2	936	00015–99999
W452	A675TB1 –8	J		AMS4338A22 5WHT	060	022	SJ	P502	3	936	00012–00014
W452	A675TB1 –8	J		AMS4338A22 5	060	022	SH	P502	3	936	00015–99999
W452	A675TB1 –8	N		AMS4339A22 5BLU	060	022	SJ	P502	22	936	00012–00014
W452	A675TB1 –8	T		AMS4340A22 5WHT	060	022	SJ	P502	7	936	00012–99999
W452	A675TB1 –9	A		AMS4341A22 5BLU	060	022	SJ	P502	26	936	00012–99999
W452	A675TB1 –9	E		AMS4344A22 5WHT	060	022	SJ	P502	2	936	00012–99999
W452	A675TB1 –9	J		AMS4345A22 5BLU	060	022	SJ	P502	21	936	00012–99999
W452	A675TB1 –9	N		AMS4349A22 5WHT	060	022	SJ	P501	1	936	00012–00014
W452	A675TB1 –9	N		AMS4349A22 5WHT	060	022	SJ	P501	1	936	00015–99999
W452	A675TB1 –9	T		AMS4350A22 5BLU	060	022	SJ	P501	18	936	00012–00014
W452	A675TB1 –9	T		AMS4350A22 5BLU	060	022	SJ	P501	18	936	00015–99999
W452	GS108	D		AMS438A22N 5	046	022	SY	P501	SH 1	818	00008–99999
W452	GS108	E		AMS4321A22N 3	060	022	SY	P501	34	936	00008–99999
W452	GS108	F		AMS4333A22N 5	046	022	SY	P502	SH 1	818	00008–99999
W452	GS108	L		AMS4354A22N 3	060	022	SY	A675TB1 –7	Y		00015–99999
W452	GS109	A		AMS4339A20N 5	060	020	SY	P502	22	936	00015–99999
W452	P501	1	936	AMS4349A22 5WHT	060	022	SJ	A675TB1 –9	N		00012–00014
W452	P501	1	936	AMS4349A22 5WHT	060	022	SJ	A675TB1 –9	N		00015–99999
W452	P501	2	936	AMS4346A22 5WHT	060	022	SJ	A675TB1 –8	E		00012–00014
W452	P501	2	936	AMS4355A22 5	060	022	SH	A675TB1 –8	E		00015–99999
W452	P501	7	936	AMS4322A22 3	060	022	SY	A612TB3 –8	F		00008–00011
W452	P501	7	936	AMS4322A22 3	060	022	SY	A675TB1 –2	K		00012–99999
W452	P501	8	936	AMS4320A22 3	060	022	SY	A612TB3 –4	G		00008–00011
W452	P501	8	936	AMS4320A22 3	060	022	SY	A675TB1 –2	G		00012–99999

Table 66. W452 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W452	P501	9	936	AMS4323A22 3	060	022	SY	A612TB3 –8	B		00008–00011
W452	P501	9	936	AMS4323A22 3	060	022	SY	A675TB1 –1	W		00012–99999
W452	P501	10	936	AMS4319A22 3	060	022	SY	A612TB3 –4	C		00008–00011
W452	P501	10	936	AMS4319A22 3	060	022	SY	A675TB1 –2	C		00012–99999
W452	P501	16	936	AMS4317A22 3	060	022	SY	A612TB4 –3	W		00008–00011
W452	P501	16	936	AMS4317A22 3	060	022	SY	A675TB1 –5	Z		00012–99999
W452	P501	17	936	AMS4318A22 3	060	022	SY	A612TB3 –7	Z		00008–00011
W452	P501	17	936	AMS4318A22 3	060	022	SY	A675TB1 –6	W		00012–00049
W452	P501	17	936	AMS4318A22 3	060	022	SY	A675TB1 –12	W		00050–99999
W452	P501	18	936	AMS4350A22 5BLU	060	022	SJ	A675TB1 –9	T		00012–00014
W452	P501	18	936	AMS4350A22 5BLU	060	022	SJ	A675TB1 –9	T		00015–99999
W452	P501	19	936	AMS4347A22 5BLU	060	022	SJ	A675TB1 –8	A		00012–00014
W452	P501	19	936	AMS4346A22 5WHT	060	022	SJ	A675TB1 –8	A		00015–99999
W452	P501	24	936	AMS439A22 6WHT	060	022	SJ	A612TB3 –3	K		00008–00011
W452	P501	24	936	AMS439A22 5WHT	060	022	SJ	A675TB1 –1	K		00012–99999
W452	P501	25	936	AMS4311A22 6WHT	060	022	SJ	A612TB3 –5	L		00008–00011
W452	P501	25	936	AMS4311A22 5WHT	060	022	SJ	A675TB1 –3	L		00012–99999
W452	P501	26	936	AMS4313A22 6WHT	060	022	SJ	A612TB3 –6	B		00008–00011
W452	P501	26	936	AMS4313A22 5WHT	060	022	SJ	A675TB1 –4	B		00012–99999
W452	P501	30	936	AMS4315A22 6WHT	060	022	SJ	A612TB3 –6	K		00008–00011
W452	P501	30	936	AMS4315A22 5WHT	060	022	SJ	A675TB1 –4	K		00012–99999
W452	P501	34	936	AMS4321A22N 3	060	022	SY	GS108	E		00008–99999
W452	P501	35	936	AMS4351A22 5	006	022	ZZ	P501	SH 6	830	00012–00014
W452	P501	35	936	AMS4351A22 5	006	022	ZZ	P501	SH 7	830	00015–99999
W452	P501	36	936	AMS4348A22 5	006	022	ZZ	P501	SH 5	830	00012–00014
W452	P501	36	936	AMS4347A22 5BLU	060	022	SJ	A675TB1 –2	Y		00015–99999
W452	P501	41	936	AMS4310A22 6BLU	060	022	SJ	A612TB3 –3	P		00008–00011
W452	P501	41	936	AMS4310A22 5BLU	060	022	SJ	A675TB1 –1	P		00012–99999
W452	P501	42	936	AMS4312A22 6BLU	060	022	SJ	A612TB3 –5	R		00008–00011
W452	P501	42	936	AMS4312A22 5BLU	060	022	SJ	A675TB1 –3	R		00012–99999
W452	P501	43	936	AMS4314A22 6BLU	060	022	SJ	A612TB3 –6	F		00008–00011
W452	P501	43	936	AMS4314A22 5BLU	060	022	SJ	A675TB1 –4	F		00012–99999
W452	P501	47	936	AMS4316A22 6BLU	060	022	SJ	A612TB3 –6	P		00008–00011
W452	P501	47	936	AMS4316A22 5BLU	060	022	SJ	A675TB1 –4	P		00012–99999
W452	P501	SH 1	818	AMS438A22N 5	046	022	SY	GS108	D		00008–99999
W452	P501	SH 1		AMS4332A22 5	006	022	ZZ	P501	SH 2	830	00008–99999
W452	P501	SH 2	830	AMS4332A22 5	006	022	ZZ	P501	SH 1		00008–99999
W452	P501	SH 2		AMS4328A22 5	006	022	ZZ	P501	SH 3	830	00008–99999
W452	P501	SH 3	830	AMS4328A22 5	006	022	ZZ	P501	SH 2		00008–99999
W452	P501	SH 3		AMS4329A22 5	006	022	ZZ	P501	SH 4	830	00008–99999
W452	P501	SH 4	830	AMS4329A22 5	006	022	ZZ	P501	SH 3		00008–99999

Table 66. W452 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W452	P501	SH 4		AMS4348B22 5	006	022	ZZ	P501	SH 5	830	00015–99999
W452	P501	SH 5	830	AMS4348B22 5	006	022	ZZ	P501	SH 4		00015–99999
W452	P501	SH 5	830	AMS4348A22 5	006	022	ZZ	P501	36	936	00012–00014
W452	P501	SH 5		AMS4348A22 5	006	022	ZZ	P501	SH 6	830	00015–99999
W452	P501	SH 6	830	AMS4348A22 5	006	022	ZZ	P501	SH 5		00015–99999
W452	P501	SH 6	830	AMS4351A22 5	006	022	ZZ	P501	35	936	00012–00014
W452	P501	SH 7	830	AMS4351A22 5	006	022	ZZ	P501	35	936	00015–99999
W452	P502	2	936	AMS4344A22 5WHT	060	022	SJ	A675TB1 –9	E		00012–99999
W452	P502	3	936	AMS4338A22 5WHT	060	022	SJ	A675TB1 –8	J		00012–00014
W452	P502	3	936	AMS4338A22 5	060	022	SH	A675TB1 –8	J		00015–99999
W452	P502	7	936	AMS4340A22 5WHT	060	022	SJ	A675TB1 –8	T		00012–99999
W452	P502	8	936	AMS4342A22 5WHT	060	022	SJ	A675TB1 –12	J		00012–99999
W452	P502	13	936	AMS435A22 4WHT	060	022	SJ	A612TB3 –7	B		00008–00011
W452	P502	13	936	AMS435A22 5WHT	060	022	SJ	A675TB1 –5	B		00012–99999
W452	P502	16	936	AMS4352A22 5WHT	060	022	SJ	A675TB1 –12	A		00012–99999
W452	P502	17	936	AMS433A22 6WHT	060	022	SJ	A612TB3 –5	C		00008–00011
W452	P502	17	936	AMS433A22 5WHT	060	022	SJ	A675TB1 –3	C		00012–99999
W452	P502	18	936	AMS4330A22 6WHT	060	022	SJ	A612TB3 –3	B		00008–00011
W452	P502	18	936	AMS4330A22 5WHT	060	022	SJ	A675TB1 –1	B		00012–99999
W452	P502	19	936	AMS437A22 3	060	022	SY	A612TB2 –10	D		00008–00011
W452	P502	19	936	AMS437B22 3	060	022	SY	A612TB3 –2	N		00012–99999
W452	P502	21	936	AMS4345A22 5BLU	060	022	SJ	A675TB1 –9	J		00012–99999
W452	P502	22	936	AMS4339A22 5BLU	060	022	SJ	A675TB1 –8	N		00012–00014
W452	P502	22	936	AMS4339A20N 5	060	020	SY	GS109	A		00015–99999
W452	P502	26	936	AMS4341A22 5BLU	060	022	SJ	A675TB1 –9	A		00012–99999
W452	P502	27	936	AMS4343A22 5BLU	060	022	SJ	A675TB1 –12	N		00012–99999
W452	P502	32	936	AMS436A22 4BLU	060	022	SJ	A612TB3 –7	F		00008–00011
W452	P502	32	936	AMS436A22 4BLU	060	022	SJ	A675TB1 –5	F		00012–00014
W452	P502	32	936	AMS436A22 5BLU	060	022	SJ	A675TB1 –5	F		00015–99999
W452	P502	35	936	AMS4353A22 5BLU	060	022	SJ	A675TB1 –12	E		00012–99999
W452	P502	36	936	AMS434A22 6BLU	060	022	SJ	A612TB3 –5	G		00008–00011
W452	P502	36	936	AMS434A22 5BLU	060	022	SJ	A675TB1 –3	G		00012–99999
W452	P502	37	936	AMS4331A22 6BLU	060	022	SJ	A612TB3 –3	F		00008–00011
W452	P502	37	936	AMS4331A22 5BLU	060	022	SJ	A675TB1 –1	F		00012–99999
W452	P502	SH 1	818	AMS4333A22N 5	046	022	SY	GS108	F		00008–99999
W452	P502	SH 1		AMS4324A22 5	006	022	ZZ	P502	SH 2	830	00008–99999
W452	P502	SH 2	830	AMS4324A22 5	006	022	ZZ	P502	SH 1		00008–99999
W452	P502	SH 2		AMS4324B22 5	006	022	ZZ	P502	SH 3	830	00012–99999
W452	P502	SH 2		AMS4325A22 5	006	022	ZZ	P502	SH 3	830	00008–00011
W452	P502	SH 3	830	AMS4324B22 5	006	022	ZZ	P502	SH 2		00012–99999
W452	P502	SH 3	830	AMS4325A22 5	006	022	ZZ	P502	SH 2		00008–00011

Table 66. W452 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W452	P502	SH 3		AMS4324C22 5	006	022	ZZ	P502	SH 4	830	00012–99999
W452	P502	SH 4	830	AMS4324C22 5	006	022	ZZ	P502	SH 3		00012–99999
W452	P502	SH 4		AMS4324D22 5	006	022	ZZ	P502	SH 5	830	00012–99999
W452	P502	SH 5	830	AMS4324D22 5	006	022	ZZ	P502	SH 4		00012–99999
W452	P502	SH 5		AMS4324E22 5	006	022	ZZ	P502	SH 6	830	00012–99999
W452	P502	SH 6	830	AMS4324E22 5	006	022	ZZ	P502	SH 5		00012–99999
W452	P502	SH 6		AMS4324F22 5	006	022	ZZ	P502	SH 7	830	00012–99999
W452	P502	SH 7	830	AMS4324F22 5	006	022	ZZ	P502	SH 6		00012–99999
W452	P502	SH 7		AMS4324G22 5	006	022	ZZ	P502	SH 8	830	00012–99999
W452	P502	SH 8	830	AMS4324G22 5	006	022	ZZ	P502	SH 7		00012–99999

Table 67. W453 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W453	A612TB2 –9	K		KX1658A22 3	088	022	SY	P809	B	707	00008–99999
W453	A612TB4 –4	B		KX16526A22 3	038	022	SY	P808	R	041	00008–99999
W453	GS106	A		KX1656A22N 3	078	022	SY	P809	V	707	00008–99999
W453	GS106	B		KX16536A22N 5	022	022	SY	P807	SH 6	818	00008–99999
W453	GS107	D		KX1657A22N 3	078	022	SY	P809	E	707	00008–99999
W453	GS109	A		KX1655A16N 3	022	016	SY	P808	15	041	00008–99999
W453	GS109	F		KX1654A16N 3	022	016	SY	P808	S	041	00008–99999
W453	P128	27		KX1652B12 3	056	012	SY	P808 SP1			00008–99999
W453	P501	2		KX16527A22 6WHT	036	022	SJ	P808	6	041	00008–99999
W453	P501	19		KX16528A22 6BLU	036	022	SJ	P808	2	041	00008–99999
W453	P501	36	936	KX16529A22 6	006	022	ZZ	P501	SH 5	830	00008–99999
W453	P501	SH 5	830	KX16529A22 6	006	022	ZZ	P501	36	936	00008–99999
W453	P502			KX16532B22 6	006	022	ZZ	P502	SH 5	830	00008–99999
W453	P502	3		KX16533A22 6WHT	036	022	SJ	P808	9	041	00008–99999
W453	P502	7		KX16530A22 6WHT	036	022	SJ	P808	10	041	00008–99999
W453	P502	22		KX16534A22 6BLU	036	022	SJ	P808	K	041	00008–99999
W453	P502	26		KX16531A22 6BLU	036	022	SJ	P808	L	041	00008–99999
W453	P502	SH 4	830	KX16532A22 6	006	022	ZZ	P502	SH 5		00008–99999
W453	P502	SH 5	830	KX16532B22 6	006	022	ZZ	P502			00008–99999
W453	P502	SH 5		KX16532A22 6	006	022	ZZ	P502	SH 4	830	00008–99999
W453	P807	1	041	KX16512A22 3	073	022	SY	P809	F	707	00008–99999
W453	P807	2	041	KX16523A22 5WHT	073	022	SJ	P809	Z	707	00008–99999
W453	P807	3	041	KX16521A22 5WHT	073	022	SJ	P809	T	707	00008–99999
W453	P807	5	041	KX16515A22 5WHT	073	022	SJ	P809	ZJ	707	00008–99999
W453	P807	9	041	KX1659A22 3	073	022	SY	P809	S	707	00008–99999
W453	P807	10	041	KX16520A22 5BLU	073	022	SJ	P809	P	707	00008–99999
W453	P807	11	041	KX16524A22 5BLU	073	022	SJ	P809	ZC	707	00008–99999
W453	P807	B	041	KX16511A22 3	073	022	SY	P809	N	707	00008–99999
W453	P807	C	041	KX16519A22 5WHT	073	022	SJ	P809	L	707	00008–99999
W453	P807	E	041	KX16525A22 5	025	022	SH	P808	H	041	00008–99999
W453	P807	H	041	KX16510A22 3	073	022	SY	P809	ZE	707	00008–99999
W453	P807	K	041	KX16516A22 5BLU	073	022	SJ	P809	ZN	707	00008–99999
W453	P807	L	041	KX16522A22 5BLU	073	022	SJ	P809	W	707	00008–99999
W453	P807	R	041	KX16513A22 3	073	022	SY	P809	J	707	00008–99999
W453	P807	S	041	KX16517A22 5WHT	073	022	SJ	P809	ZK	707	00008–99999
W453	P807	T	041	KX16518A22 5BLU	073	022	SJ	P809	ZM	707	00008–99999
W453	P807	U	041	KX16514A22 3	073	022	SY	P809	H	707	00008–99999
W453	P807	SH 1	830	KX16539A22 5	006	022	ZZ	P807	SH 2		00008–99999
W453	P807	SH 2	830	KX16540A22 5	006	022	ZZ	P807	SH 3		00008–99999
W453	P807	SH 2		KX16539A22 5	006	022	ZZ	P807	SH 1	830	00008–99999
W453	P807	SH 3	830	KX16541A22 5	006	022	ZZ	P807	SH 4		00008–99999

Table 67. W453 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W453	P807	SH 3		KX16540A22 5	006	022	ZZ	P807	SH 2	830	00008–99999
W453	P807	SH 4	830	KX16542A22 5	006	022	ZZ	P807	SH 5		00008–99999
W453	P807	SH 4		KX16541A22 5	006	022	ZZ	P807	SH 3	830	00008–99999
W453	P807	SH 5	830	KX16543A22 5	006	022	ZZ	P807	SH 6		00008–99999
W453	P807	SH 5		KX16542A22 5	006	022	ZZ	P807	SH 4	830	00008–99999
W453	P807	SH 6	818	KX16536A22N 5	022	022	SY	GS106	B		00008–99999
W453	P807	SH 6		KX16543A22 5	006	022	ZZ	P807	SH 5	830	00008–99999
W453	P808	2	041	KX16528A22 6BLU	036	022	SJ	P501	19		00008–99999
W453	P808	6	041	KX16527A22 6WHT	036	022	SJ	P501	2		00008–99999
W453	P808	9	041	KX16533A22 6WHT	036	022	SJ	P502	3		00008–99999
W453	P808	10	041	KX16530A22 6WHT	036	022	SJ	P502	7		00008–99999
W453	P808	11	041	KX16538C20 3	010	020	SY	P808 SP2			00008–99999
W453	P808	12	041	KX16538A20 3	010	020	SY	P808 SP2			00008–99999
W453	P808	13	041	KX1652C16 3	010	016	SY	P808 SP1			00008–99999
W453	P808	15	041	KX1655A16N 3	022	016	SY	GS109	A		00008–99999
W453	P808	H	041	KX16525A22 5	025	022	SH	P807	E	041	00008–99999
W453	P808	K	041	KX16534A22 6BLU	036	022	SJ	P502	22		00008–99999
W453	P808	L	041	KX16531A22 6BLU	036	022	SJ	P502	26		00008–99999
W453	P808	M	041	KX16538D20 3	010	020	SY	P808 SP2			00008–99999
W453	P808	N	041	KX16538B20 3	010	020	SY	P808 SP2			00008–99999
W453	P808	P	041	KX1652D16 3	010	016	SY	P808 SP1			00008–99999
W453	P808	R	041	KX16526A22 3	038	022	SY	A612TB4 –4	B		00008–99999
W453	P808	S	041	KX1654A16N 3	022	016	SY	GS109	F		00008–99999
W453	P808 SP1			KX1652B12 3	056	012	SY	P128	27		00008–99999
W453	P808 SP1			KX1652C16 3	010	016	SY	P808	13	041	00008–99999
W453	P808 SP1			KX1652D16 3	010	016	SY	P808	P	041	00008–99999
W453	P808 SP2			KX16538C20 3	010	020	SY	P808	11	041	00008–99999
W453	P808 SP2			KX16538A20 3	010	020	SY	P808	12	041	00008–99999
W453	P808 SP2			KX16538D20 3	010	020	SY	P808	M	041	00008–99999
W453	P808 SP2			KX16538B20 3	010	020	SY	P808	N	041	00008–99999
W453	P809	B	707	KX1658A22 3	088	022	SY	A612TB2 –9	K		00008–99999
W453	P809	E	707	KX1657A22N 3	078	022	SY	GS107	D		00008–99999
W453	P809	F	707	KX16512A22 3	073	022	SY	P807	1	041	00008–99999
W453	P809	H	707	KX16514A22 3	073	022	SY	P807	U	041	00008–99999
W453	P809	J	707	KX16513A22 3	073	022	SY	P807	R	041	00008–99999
W453	P809	L	707	KX16519A22 5WHT	073	022	SJ	P807	C	041	00008–99999
W453	P809	N	707	KX16511A22 3	073	022	SY	P807	B	041	00008–99999
W453	P809	P	707	KX16520A22 5BLU	073	022	SJ	P807	10	041	00008–99999
W453	P809	S	707	KX1659A22 3	073	022	SY	P807	9	041	00008–99999
W453	P809	T	707	KX16521A22 5WHT	073	022	SJ	P807	3	041	00008–99999
W453	P809	V	707	KX1656A22N 3	078	022	SY	GS106	A		00008–99999

Table 67. W453 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W453	P809	W	707	KX16522A22 5BLU	073	022	SJ	P807	L	041	00008–99999
W453	P809	Z	707	KX16523A22 5WHT	073	022	SJ	P807	2	041	00008–99999
W453	P809	ZC	707	KX16524A22 5BLU	073	022	SJ	P807	11	041	00008–99999
W453	P809	ZE	707	KX16510A22 3	073	022	SY	P807	H	041	00008–99999
W453	P809	ZJ	707	KX16515A22 5WHT	073	022	SJ	P807	5	041	00008–99999
W453	P809	ZK	707	KX16517A22 5WHT	073	022	SJ	P807	S	041	00008–99999
W453	P809	ZM	707	KX16518A22 5BLU	073	022	SJ	P807	T	041	00008–99999
W453	P809	ZN	707	KX16516A22 5BLU	073	022	SJ	P807	K	041	00008–99999

Table 68. W454 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W454	A612TB2 –9	J		KRA40515A22 3	097	022	SY	P819	F	A11	00008–99999
W454	GS108	H		KRA4055A22N 3	074	022	SY	P818	N	A11	00008–99999
W454	GS108	J		KRA4056A22N 3	096	022	SY	P819	E	A11	00008–99999
W454	GS108	K		KRA4054A22N 3	096	022	SY	P819	V	A11	00008–99999
W454	P375	3		KRA4053B22 3	275	022	SY	P818 SP2			00008–99999
W454	P501	13		KRA40516A22 3	100	022	SY	P819	A	A11	00008–99999
W454	P818	D	A11	KRA4057A24 5WHT	115	024	RB	P819	J	A11	00008–99999
W454	P818	H	A11	KRA40513A22 3	115	022	SY	P819	S	A11	00008–99999
W454	P818	J	A11	KRA40517A22 3	010	022	SY	P818	ZA	A11	00008–99999
W454	P818	L	A11	KRA4053C22 3	010	022	SY	P818 SP2			00008–99999
W454	P818	N	A11	KRA4055A22N 3	074	022	SY	GS108	H		00008–99999
W454	P818	P	A11	KRA40511A22 3	115	022	SY	P819	D	A11	00008–99999
W454	P818	T	A11	KRA40514A22 3	115	022	SY	P819	K	A11	00008–99999
W454	P818	U	A11	KRA40512A22 3	115	022	SY	P819	G	A11	00008–99999
W454	P818	X	A11	KRA4058B22 5	010	022	SY	P818 SP1			00008–99999
W454	P818	ZA	A11	KRA40517A22 3	010	022	SY	P818	J	A11	00008–99999
W454	P818	ZC	A11	KRA4059A22 3	115	022	SY	P819	B	A11	00008–99999
W454	P818	ZE	A11	KRA40510A22 3	115	022	SY	P819	L	A11	00008–99999
W454	P818 SP1			KRA4058C22 5	006	022	ZZ	P818	SH 1	830	00008–99999
W454	P818 SP1			KRA4058B22 5	010	022	SY	P818	X	A11	00008–99999
W454	P818 SP1			KRA4058A24 5BLU	115	024	RB	P819	H	A11	00008–99999
W454	P818 SP2			KRA4053B22 3	275	022	SY	P375	3		00008–99999
W454	P818 SP2			KRA4053C22 3	010	022	SY	P818	L	A11	00008–99999
W454	P818 SP2			KRA4053D22 3	107	022	SY	P819	N	A11	00008–99999
W454	P818	SH 1	830	KRA4058C22 5	006	022	ZZ	P818 SP1			00008–99999
W454	P819	A	A11	KRA40516A22 3	100	022	SY	P501	13		00008–99999
W454	P819	B	A11	KRA4059A22 3	115	022	SY	P818	ZC	A11	00008–99999
W454	P819	D	A11	KRA40511A22 3	115	022	SY	P818	P	A11	00008–99999
W454	P819	E	A11	KRA4056A22N 3	096	022	SY	GS108	J		00008–99999
W454	P819	F	A11	KRA40515A22 3	097	022	SY	A612TB2 –9	J		00008–99999
W454	P819	G	A11	KRA40512A22 3	115	022	SY	P818	U	A11	00008–99999
W454	P819	H	A11	KRA4058A24 5BLU	115	024	RB	P818 SP1			00008–99999
W454	P819	J	A11	KRA4057A24 5WHT	115	024	RB	P818	D	A11	00008–99999
W454	P819	K	A11	KRA40514A22 3	115	022	SY	P818	T	A11	00008–99999
W454	P819	L	A11	KRA40510A22 3	115	022	SY	P818	ZE	A11	00008–99999
W454	P819	N	A11	KRA4053D22 3	107	022	SY	P818 SP2			00008–99999
W454	P819	S	A11	KRA40513A22 3	115	022	SY	P818	H	A11	00008–99999
W454	P819	V	A11	KRA4054A22N 3	096	022	SY	GS108	K		00008–99999

Table 69. W455 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W455	GS108	B		KT704A22N 3	030	022	SY	P824	1	041	00008–99999
W455	GS108	C		KT705A22N 3	030	022	SY	P824	A	041	00008–99999
W455	GS110	E	906	KT7017A20N 3	030	020	SY	P824	6	041	00015–99999
W455	P131	13		KT702B22 3	085	022	SY	P824 SP1			00008–99999
W455	P824	1	041	KT704A22N 3	030	022	SY	GS108	B		00008–99999
W455	P824	3	041	KT7016A22 3	026	022	SY	P827	6	915	00008–00014
W455	P824	3	041	KT7016A22 3	026	022	SY	P827	8	915	00015–99999
W455	P824	6	041	KT7017A20N 3	030	020	SY	GS110	E	906	00015–99999
W455	P824	8	041	KT7015A22 3	026	022	SY	P827	1	915	00008–99999
W455	P824	11	041	KT702D22 3	010	022	SY	P824 SP1			00008–99999
W455	P824	12	041	KT702C22 3	010	022	SY	P824 SP1			00008–99999
W455	P824	A	041	KT705A22N 3	030	022	SY	GS108	C		00008–99999
W455	P824	B	041	KT7011A22 3	026	022	SY	P827	10	915	00008–99999
W455	P824	C	041	KT7010A22 3	026	022	SY	P827	9	915	00008–99999
W455	P824	D	041	KT7012A22 3	026	022	SY	P827	11	915	00008–99999
W455	P824	E	041	KT709A22 3	026	022	SY	P827	5	915	00008–99999
W455	P824	H	041	KT7014A22 3	026	022	SY	P827	12	915	00008–99999
W455	P824	J	041	KT708A22 3	026	022	SY	P827	4	915	00008–99999
W455	P824	K	041	KT707A22 3	026	022	SY	P827	3	915	00008–99999
W455	P824	L	041	KT7013A22 3	026	022	SY	P827	13	915	00008–99999
W455	P824	M	041	KT706A22 3	026	022	SY	P827	2	915	00008–99999
W455	P824 SP1			KT702B22 3	085	022	SY	P131	13		00008–99999
W455	P824 SP1			KT702D22 3	010	022	SY	P824	11	041	00008–99999
W455	P824 SP1			KT702C22 3	010	022	SY	P824	12	041	00008–99999
W455	P827	1	915	KT7015A22 3	026	022	SY	P824	8	041	00008–99999
W455	P827	2	915	KT706A22 3	026	022	SY	P824	M	041	00008–99999
W455	P827	3	915	KT707A22 3	026	022	SY	P824	K	041	00008–99999
W455	P827	4	915	KT708A22 3	026	022	SY	P824	J	041	00008–99999
W455	P827	5	915	KT709A22 3	026	022	SY	P824	E	041	00008–99999
W455	P827	6	915	KT7016A22 3	026	022	SY	P824	3	041	00008–00014
W455	P827	8	915	KT7016A22 3	026	022	SY	P824	3	041	00015–99999
W455	P827	9	915	KT7010A22 3	026	022	SY	P824	C	041	00008–99999
W455	P827	10	915	KT7011A22 3	026	022	SY	P824	B	041	00008–99999
W455	P827	11	915	KT7012A22 3	026	022	SY	P824	D	041	00008–99999
W455	P827	12	915	KT7014A22 3	026	022	SY	P824	H	041	00008–99999
W455	P827	13	915	KT7013A22 3	026	022	SY	P824	L	041	00008–99999

Table 70. W463 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W463	2 P807	E	041	2KX16525B22 5	010	022	SY	2 P807 SP1			00008–99999
W463	2 P807	R	041	2KX16513A22 3	073	022	SY	2 P809	J	707	00008–99999
W463	2 P807	S	041	2KX16517A22 5WHT	073	022	SJ	2 P809	ZK	707	00008–99999
W463	2 P807	T	041	2KX16518A22 5BLU	073	022	SJ	2 P809	ZM	707	00008–99999
W463	2 P807	U	041	2KX16514A22 3	073	022	SY	2 P809	H	707	00008–99999
W463	2 P807 SP1			2KX16525C22 5	020	022	SH	2 P808	H	041	00008–99999
W463	2 P807 SP1			2KX16525B22 5	010	022	SY	2 P807	E	041	00008–99999
W463	2 P807 SP1			2KX16525A22 5	073	022	SH	2 P809	Y	707	00008–99999
W463	2 P807 SP1	SH 1		2KX16536C22 5	006	022	ZZ	2 P807 SP1	SH 2	830	00008–99999
W463	2 P807 SP1	SH 1	818	2KX16536B22 5	020	022	SY	2 P807	SH 1		00008–99999
W463	2 P807 SP1	SH 2	830	2KX16536C22 5	006	022	ZZ	2 P807 SP1	SH 1		00008–99999
W463	2 P807	SH 1	818	2KX16536A22N 5	030	022	SY	GS107	G		00008–99999
W463	2 P807	SH 1		2KX16536B22 5	020	022	SY	2 P807 SP1	SH 1	818	00008–99999
W463	2 P808	2	041	2KX16528A22 6BLU	036	022	SJ	P501	18		00008–99999
W463	2 P808	6	041	2KX16527A22 6WHT	036	022	SJ	P501	1		00008–99999
W463	2 P808	8	041	2KX1659A20 3	073	020	SY	2 P809	K	707	00008–99999
W463	2 P808	9	041	2KX16533A22 6WHT	036	022	SJ	P502	2		00008–99999
W463	2 P808	10	041	2KX16530A22 6WHT	036	022	SJ	P502	8		00008–99999
W463	2 P808	11	041	2KX16538C20 3	010	020	SY	2 P808 SP2			00008–99999
W463	2 P808	12	041	2KX16538A20 3	010	020	SY	2 P808 SP2			00008–99999
W463	2 P808	13	041	2KX1652C16 3	010	016	SY	2 P808 SP1			00008–99999
W463	2 P808	15	041	2KX1655A16N 3	030	016	SY	GS110	A		00008–99999
W463	2 P808	H	041	2KX16525C22 5	020	022	SH	2 P807 SP1			00008–99999
W463	2 P808	K	041	2KX16534A22 6BLU	036	022	SJ	P502	21		00008–99999
W463	2 P808	L	041	2KX16531A22 6BLU	036	022	SJ	P502	27		00008–99999
W463	2 P808	M	041	2KX16538D20 3	010	020	SY	2 P808 SP2			00008–99999
W463	2 P808	N	041	2KX16538B20 3	010	020	SY	2 P808 SP2			00008–99999
W463	2 P808	P	041	2KX1652D16 3	010	016	SY	2 P808 SP1			00008–99999
W463	2 P808	R	041	2KX16526A22 3	042	022	SY	A612TB4 –4	C		00008–99999
W463	2 P808	S	041	2KX1654A16N 3	030	016	SY	GS110	B		00008–99999
W463	2 P808 SP1			2KX1652B16 3	260	016	SY	P378	G		00008–99999
W463	2 P808 SP1			2KX1652C16 3	010	016	SY	2 P808	13	041	00008–99999
W463	2 P808 SP1			2KX1652D16 3	010	016	SY	2 P808	P	041	00008–99999
W463	2 P808 SP2			2KX16538C20 3	010	020	SY	2 P808	11	041	00008–99999
W463	2 P808 SP2			2KX16538A20 3	010	020	SY	2 P808	12	041	00008–99999
W463	2 P808 SP2			2KX16538D20 3	010	020	SY	2 P808	M	041	00008–99999
W463	2 P808 SP2			2KX16538B20 3	010	020	SY	2 P808	N	041	00008–99999
W463	2 P808 SP2			2KX16538E20 3	073	020	SY	2 P809	ZB	707	00008–99999
W463	2 P809	B	707	2KX1658A22 3	086	022	SY	A612TB2 –9	D		00008–99999
W463	2 P809	E	707	2KX1657A22N 3	075	022	SY	GS107	K		00008–99999
W463	2 P809	H	707	2KX16514A22 3	073	022	SY	2 P807	U	041	00008–99999

Table 70. W463 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W463	2 P809	J	707	2KX16513A22 3	073	022	SY	2 P807	R	041	00008–99999
W463	2 P809	K	707	2KX1659A20 3	073	020	SY	2 P808	8	041	00008–99999
W463	2 P809	V	707	2KX1656A22N 3	075	022	SY	GS107	H		00008–99999
W463	2 P809	Y	707	2KX16525A22 5	073	022	SH	2 P807 SP1			00008–99999
W463	2 P809	ZB	707	2KX16538E20 3	073	020	SY	2 P808 SP2			00008–99999
W463	2 P809	ZK	707	2KX16517A22 5WHT	073	022	SJ	2 P807	S	041	00008–99999
W463	2 P809	ZM	707	2KX16518A22 5BLU	073	022	SJ	2 P807	T	041	00008–99999
W463	A612TB2 –9	D		2KX1658A22 3	086	022	SY	2 P809	B	707	00008–99999
W463	A612TB4 –4	C		2KX16526A22 3	042	022	SY	2 P808	R	041	00008–99999
W463	GS107	G		2KX16536A22N 5	030	022	SY	2 P807	SH 1	818	00008–99999
W463	GS107	H		2KX1656A22N 3	075	022	SY	2 P809	V	707	00008–99999
W463	GS107	K		2KX1657A22N 3	075	022	SY	2 P809	E	707	00008–99999
W463	GS110	A		2KX1655A16N 3	030	016	SY	2 P808	15	041	00008–99999
W463	GS110	B		2KX1654A16N 3	030	016	SY	2 P808	S	041	00008–99999
W463	P378	G		2KX1652B16 3	260	016	SY	2 P808 SP1			00008–99999
W463	P501	1		2KX16527A22 6WHT	036	022	SJ	2 P808	6	041	00008–99999
W463	P501	18		2KX16528A22 6BLU	036	022	SJ	2 P808	2	041	00008–99999
W463	P501	35		2KX16529A22 6	006	022	ZZ	P501	SH 6	830	00008–99999
W463	P501	SH 6	830	2KX16529A22 6	006	022	ZZ	P501	35		00008–99999
W463	P502	2		2KX16533A22 6WHT	036	022	SJ	2 P808	9	041	00008–99999
W463	P502	8		2KX16530A22 6WHT	036	022	SJ	2 P808	10	041	00008–99999
W463	P502	21		2KX16534A22 6BLU	036	022	SJ	2 P808	K	041	00008–99999
W463	P502	27		2KX16531A22 6BLU	036	022	SJ	2 P808	L	041	00008–99999
W463	P502	SH 5		2KX16532A22 6	006	022	ZZ	P502	SH 6	830	00008–99999
W463	P502	SH 6	830	2KX16532A22 6	006	022	ZZ	P502	SH 5		00008–99999
W463	P502	SH 6		2KX16532B22 6	006	022	ZZ	P502	SH 7	830	00008–99999
W463	P502	SH 7	830	2KX16532B22 6	006	022	ZZ	P502	SH 6		00008–99999

Table 71. W464 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W464	A612TB2 –9	K		KX1658A22 3	140	022	SY	P809	B	707	00012–99999
W464	A675TB1 –7	C		KX16526A22 3	024	022	SY	P808	R	041	00012–99999
W464	A675TB1 –8	C		KX16528A22 5BLU	024	022	SJ	P808	2	041	00012–99999
W464	A675TB1 –8	G		KX16527A22 5WHT	024	022	SJ	P808	6	041	00012–99999
W464	A675TB1 –8	L		KX16533A22 5WHT	024	022	SJ	P808	9	041	00012–99999
W464	A675TB1 –8	R		KX16534A22 5BLU	024	022	SJ	P808	K	041	00012–99999
W464	A675TB1 –8	Y		KX16530A22 5WHT	024	022	SJ	P808	10	041	00012–99999
W464	A675TB1 –9	C		KX16531A22 5BLU	024	022	SJ	P808	L	041	00012–99999
W464	GS106	A		KX1656A22N 3	126	022	SY	P809	V	707	00012–99999
W464	GS106	B		KX16546A22N 5	026	022	SY	P808	SH 3	818	00012–99999
W464	GS107	D		KX1657A22N 3	126	022	SY	P809	E	707	00012–99999
W464	GS109	A		KX1655A16N 3	026	016	SY	P808	15	041	00012–99999
W464	GS109	F		KX1654A16N 3	026	016	SY	P808	S	041	00012–99999
W464	P128	27		KX1652B12 3	056	012	SY	P808 SP1			00012–99999
W464	P807	1	041	KX16512A22 3	073	022	SY	P809	F	707	00012–99999
W464	P807	2	041	KX16523A22 5WHT	073	022	SJ	P809	Z	707	00012–99999
W464	P807	3	041	KX16521A22 5WHT	073	022	SJ	P809	T	707	00012–99999
W464	P807	5	041	KX16515A22 5WHT	073	022	SJ	P809	ZJ	707	00012–99999
W464	P807	9	041	KX1659A22 3	073	022	SY	P809	S	707	00012–99999
W464	P807	10	041	KX16520A22 5BLU	073	022	SJ	P809	P	707	00012–99999
W464	P807	11	041	KX16524A22 5BLU	073	022	SJ	P809	ZC	707	00012–99999
W464	P807	B	041	KX16511A22 3	073	022	SY	P809	N	707	00012–99999
W464	P807	C	041	KX16519A22 5WHT	073	022	SJ	P809	L	707	00012–99999
W464	P807	E	041	KX16525A22 5	010	022	SH	P808	H	041	00012–99999
W464	P807	H	041	KX16510A22 3	073	022	SY	P809	ZE	707	00012–99999
W464	P807	K	041	KX16516A22 5BLU	073	022	SJ	P809	ZN	707	00012–99999
W464	P807	L	041	KX16522A22 5BLU	073	022	SJ	P809	W	707	00012–99999
W464	P807	R	041	KX16513A22 3	073	022	SY	P809	J	707	00012–99999
W464	P807	S	041	KX16517A22 5WHT	073	022	SJ	P809	ZK	707	00012–99999
W464	P807	T	041	KX16518A22 5BLU	073	022	SJ	P809	ZM	707	00012–99999
W464	P807	U	041	KX16514A22 3	073	022	SY	P809	H	707	00012–99999
W464	P807	SH 1	830	KX16539A22 5	006	022	ZZ	P807	SH 2		00012–99999
W464	P807	SH 2	830	KX16540A22 5	006	022	ZZ	P807	SH 3		00012–99999
W464	P807	SH 2		KX16539A22 5	006	022	ZZ	P807	SH 1	830	00012–99999
W464	P807	SH 3	830	KX16541A22 5	006	022	ZZ	P807	SH 4		00012–99999
W464	P807	SH 3		KX16540A22 5	006	022	ZZ	P807	SH 2	830	00012–99999
W464	P807	SH 4	830	KX16542A22 5	006	022	ZZ	P807	SH 5		00012–99999
W464	P807	SH 4		KX16541A22 5	006	022	ZZ	P807	SH 3	830	00012–99999
W464	P807	SH 5	830	KX16543A22 5	006	022	ZZ	P807	SH 6		00012–99999
W464	P807	SH 5		KX16542A22 5	006	022	ZZ	P807	SH 4	830	00012–99999
W464	P807	SH 6	830	KX16536A22 5	020	022	SY	P808	SH 1		00012–99999

Table 71. W464 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W464	P807	SH 6		KX16543A22 5	006	022	ZZ	P807	SH 5	830	00012–99999
W464	P808	2	041	KX16528A22 5BLU	024	022	SJ	A675TB1 –8	C		00012–99999
W464	P808	6	041	KX16527A22 5WHT	024	022	SJ	A675TB1 –8	G		00012–99999
W464	P808	9	041	KX16533A22 5WHT	024	022	SJ	A675TB1 –8	L		00012–99999
W464	P808	10	041	KX16530A22 5WHT	024	022	SJ	A675TB1 –8	Y		00012–99999
W464	P808	11	041	KX16538C20 3	010	020	SY	P808 SP2			00012–99999
W464	P808	12	041	KX16538A20 3	010	020	SY	P808 SP2			00012–99999
W464	P808	13	041	KX1652C16 3	010	016	SY	P808 SP1			00012–99999
W464	P808	15	041	KX1655A16N 3	026	016	SY	GS109	A		00012–99999
W464	P808	H	041	KX16525A22 5	010	022	SH	P807	E	041	00012–99999
W464	P808	K	041	KX16534A22 5BLU	024	022	SJ	A675TB1 –8	R		00012–99999
W464	P808	L	041	KX16531A22 5BLU	024	022	SJ	A675TB1 –9	C		00012–99999
W464	P808	M	041	KX16538D20 3	010	020	SY	P808 SP2			00012–99999
W464	P808	N	041	KX16538B20 3	010	020	SY	P808 SP2			00012–99999
W464	P808	P	041	KX1652D16 3	010	016	SY	P808 SP1			00012–99999
W464	P808	R	041	KX16526A22 3	024	022	SY	A675TB1 –7	C		00012–99999
W464	P808	S	041	KX1654A16N 3	026	016	SY	GS109	F		00012–99999
W464	P808 SP1			KX1652B12 3	056	012	SY	P128	27		00012–99999
W464	P808 SP1			KX1652C16 3	010	016	SY	P808	13	041	00012–99999
W464	P808 SP1			KX1652D16 3	010	016	SY	P808	P	041	00012–99999
W464	P808 SP2			KX16538A20 3	010	020	SY	P808	12	041	00012–99999
W464	P808 SP2			KX16538B20 3	010	020	SY	P808	N	041	00012–99999
W464	P808 SP2			KX16538C20 3	010	020	SY	P808	11	041	00012–99999
W464	P808 SP2			KX16538D20 3	010	020	SY	P808	M	041	00012–99999
W464	P808	SH 1	830	KX16544A22 5	006	022	ZZ	P808	SH 2		00012–99999
W464	P808	SH 1		KX16536A22 5	020	022	SY	P807	SH 6	830	00012–99999
W464	P808	SH 2	830	KX16545A22 5	006	022	ZZ	P808	SH 3		00012–99999
W464	P808	SH 2		KX16544A22 5	006	022	ZZ	P808	SH 1	830	00012–99999
W464	P808	SH 3	818	KX16546A22N 5	026	022	SY	GS106	B		00012–99999
W464	P808	SH 3		KX16545A22 5	006	022	ZZ	P808	SH 2	830	00012–99999
W464	P809	B	707	KX1658A22 3	140	022	SY	A612TB2 –9	K		00012–99999
W464	P809	E	707	KX1657A22N 3	126	022	SY	GS107	D		00012–99999
W464	P809	F	707	KX16512A22 3	073	022	SY	P807	1	041	00012–99999
W464	P809	H	707	KX16514A22 3	073	022	SY	P807	U	041	00012–99999
W464	P809	J	707	KX16513A22 3	073	022	SY	P807	R	041	00012–99999
W464	P809	L	707	KX16519A22 5WHT	073	022	SJ	P807	C	041	00012–99999
W464	P809	N	707	KX16511A22 3	073	022	SY	P807	B	041	00012–99999
W464	P809	P	707	KX16520A22 5BLU	073	022	SJ	P807	10	041	00012–99999
W464	P809	S	707	KX1659A22 3	073	022	SY	P807	9	041	00012–99999
W464	P809	T	707	KX16521A22 5WHT	073	022	SJ	P807	3	041	00012–99999
W464	P809	V	707	KX1656A22N 3	126	022	SY	GS106	A		00012–99999

Table 71. W464 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W464	P809	W	707	KX16522A22 5BLU	073	022	SJ	P807	L	041	00012–99999
W464	P809	Z	707	KX16523A22 5WHT	073	022	SJ	P807	2	041	00012–99999
W464	P809	ZC	707	KX16524A22 5BLU	073	022	SJ	P807	11	041	00012–99999
W464	P809	ZE	707	KX16510A22 3	073	022	SY	P807	H	041	00012–99999
W464	P809	ZJ	707	KX16515A22 5WHT	073	022	SJ	P807	5	041	00012–99999
W464	P809	ZK	707	KX16517A22 5WHT	073	022	SJ	P807	S	041	00012–99999
W464	P809	ZM	707	KX16518A22 5BLU	073	022	SJ	P807	T	041	00012–99999
W464	P809	ZN	707	KX16516A22 5BLU	073	022	SJ	P807	K	041	00012–99999

Table 72. W465 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W465	A612TB2 –2	D		KLX13510A22 5	040	022	SY	P830	5	041	00015–99999
W465	A612TB2 –2	H		KLX13511A22 5	040	022	SY	P830	22	041	00015–99999
W465	A612TB2 –2	M		KLX13512A22 5	040	022	SY	P830	21	041	00015–99999
W465	A612TB2 –2	S		KLX13513A22 5	040	022	SY	P830	19	041	00015–99999
W465	A612TB2 –2	Z		KLX13514A22 5	040	022	SY	P830	18	041	00015–99999
W465	A612TB2 –3	D		KLX13515A22 5	040	022	SY	P830	17	041	00015–99999
W465	A612TB2 –3	H		KLX13516A22 5	040	022	SY	P830	14	041	00015–99999
W465	A612TB2 –3	M		KLX13517A22 5	040	022	SY	P830	13	041	00015–99999
W465	A612TB2 –3	S		KLX13518A22 5	040	022	SY	P830	12	041	00015–99999
W465	A612TB2 –3	Z		KLX1359A22 5	040	022	SY	P830	6	041	00015–99999
W465	A612TB2 –4	D		KLX1357F22 3	035	022	SY	P830 SP1			00015–99999
W465	A675TB1 –2	W		KLX13522A22 3	040	022	SH	P831	4	041	00015–99999
W465	A675TB1 –7	C		KLX13528A22 5	040	022	SY	P830	1	041	00015–99999
W465	A675TB1 –8	C		KLX13521A22 5	040	022	SH	P831	3	041	00015–99999
W465	A675TB1 –8	G		KLX13519A22 5	040	022	SY	P830	2	041	00015–99999
W465	A675TB1 –8	L		KLX13520A22 5	040	022	SH	P831	5	041	00015–99999
W465	A612TB2 –10	C		KLX1358A22 5	040	022	SY	P830	B	041	00015–99999
W465	A819TB1	A		KLX1355B16 3	120	016	SY	P128	27		00015–99999
W465	A819TB1	GND		KLX13527A16N 3	086	016	SY	GS109	C		00015–99999
W465	A819TB2	A		KLX1355C16 3	090	016	SY	P831 SP3			00015–99999
W465	A819TB2	GND		KLX13526A16N 3	086	016	SY	GS109	D		00015–99999
W465	GS106	B		KLX13525C20N 3	035	020	SY	P831 SP2			00015–99999
W465	GS107	D		KLX1356A22N 5	035	022	SY	P830	L	041	00015–99999
W465	GS109	B		KLX13524C20N 3	035	020	SY	P831 SP1			00015–99999
W465	GS109	C		KLX13527A16N 3	086	016	SY	A819TB1	GND		00015–99999
W465	GS109	D		KLX13526A16N 3	086	016	SY	A819TB2	GND		00015–99999
W465	GS109	F		KLX13523C22N 5	035	022	SY	P831	SH 1	818	00015–99999
W465	GS110	C		KLX1357E16N 3	035	016	SY	P830 SP1			00015–99999
W465	P128	27		KLX1355B16 3	120	016	SY	A819TB1	A		00015–99999
W465	P830	1	041	KLX13528A22 5	040	022	SY	A675TB1 –7	C		00015–99999
W465	P830	2	041	KLX13519A22 5	040	022	SY	A675TB1 –8	G		00015–99999
W465	P830	5	041	KLX13510A22 5	040	022	SY	A612TB2 –2	D		00015–99999
W465	P830	6	041	KLX1359A22 5	040	022	SY	A612TB2 –3	Z		00015–99999
W465	P830	12	041	KLX13518A22 5	040	022	SY	A612TB2 –3	S		00015–99999
W465	P830	13	041	KLX13517A22 5	040	022	SY	A612TB2 –3	M		00015–99999
W465	P830	14	041	KLX13516A22 5	040	022	SY	A612TB2 –3	H		00015–99999
W465	P830	16	041	KLX1357D22 3	010	022	SY	P830 SP1			00015–99999
W465	P830	17	041	KLX13515A22 5	040	022	SY	A612TB2 –3	D		00015–99999
W465	P830	18	041	KLX13514A22 5	040	022	SY	A612TB2 –2	Z		00015–99999
W465	P830	19	041	KLX13513A22 5	040	022	SY	A612TB2 –2	S		00015–99999
W465	P830	21	041	KLX13512A22 5	040	022	SY	A612TB2 –2	M		00015–99999

Table 72. W465 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W465	P830	22	041	KLX13511A22 5	040	022	SY	A612TB2 –2	H		00015–99999
W465	P830	B	041	KLX1358A22 5	040	022	SY	A612TB2 –10	C		00015–99999
W465	P830	D	041	KLX1357A22 3	010	022	SY	P830 SP1			00015–99999
W465	P830	E	041	KLX1357B22 3	010	022	SY	P830 SP1			00015–99999
W465	P830	F	041	KLX1357C22 3	010	022	SY	P830 SP1			00015–99999
W465	P830	L	041	KLX1356A22N 5	035	022	SY	GS107	D		00015–99999
W465	P830 SP1			KLX1357A22 3	010	022	SY	P830	D	041	00015–99999
W465	P830 SP1			KLX1357B22 3	010	022	SY	P830	E	041	00015–99999
W465	P830 SP1			KLX1357C22 3	010	022	SY	P830	F	041	00015–99999
W465	P830 SP1			KLX1357D22 3	010	022	SY	P830	16	041	00015–99999
W465	P830 SP1			KLX1357E16N 3	035	016	SY	GS110	C		00015–99999
W465	P830 SP1			KLX1357F22 3	035	022	SY	A612TB2 –4	D		00015–99999
W465	P831	3	041	KLX13521A22 5	040	022	SH	A675TB1 –8	C		00015–99999
W465	P831	4	041	KLX13522A22 3	040	022	SH	A675TB1 –2	W		00015–99999
W465	P831	5	041	KLX13520A22 5	040	022	SH	A675TB1 –8	L		00015–99999
W465	P831	6	041	KLX1355D16 3	010	016	SY	P831 SP3			00015–99999
W465	P831	7	041	KLX1355E16 3	010	016	SY	P831 SP3			00015–99999
W465	P831	8	041	KLX1355F16 3	010	016	SY	P831 SP3			00015–99999
W465	P831	F	041	KLX13524A20 3	010	020	SY	P831 SP1			00015–99999
W465	P831	H	041	KLX13524B20 3	010	020	SY	P831 SP1			00015–99999
W465	P831	J	041	KLX13525A20 3	010	020	SY	P831 SP2			00015–99999
W465	P831	K	041	KLX13525B20 3	010	020	SY	P831 SP2			00015–99999
W465	P831 SP1			KLX13524C20N 3	035	020	SY	GS109	B		00015–99999
W465	P831 SP1			KLX13524A20 3	010	020	SY	P831	F	041	00015–99999
W465	P831 SP1			KLX13524B20 3	010	020	SY	P831	H	041	00015–99999
W465	P831 SP2			KLX13525C20N 3	035	020	SY	GS106	B		00015–99999
W465	P831 SP2			KLX13525A20 3	010	020	SY	P831	J	041	00015–99999
W465	P831 SP2			KLX13525B20 3	010	020	SY	P831	K	041	00015–99999
W465	P831 SP3			KLX1355C16 3	090	016	SY	A819TB2	A		00015–99999
W465	P831 SP3			KLX1355D16 3	010	016	SY	P831	6	041	00015–99999
W465	P831 SP3			KLX1355E16 3	010	016	SY	P831	7	041	00015–99999
W465	P831 SP3			KLX1355F16 3	010	016	SY	P831	8	041	00015–99999
W465	P831	SH 1	818	KLX13523C22N 5	035	022	SY	GS109	F		00015–99999
W465	P831	SH 1		KLX13523B22 5	006	022	ZZ	P831	SH 2	830	00015–99999
W465	P831	SH 2	830	KLX13523B22 5	006	022	ZZ	P831	SH 1		00015–99999
W465	P831	SH 2		KLX13523A22 5	006	022	ZZ	P831	SH 3	830	00015–99999
W465	P831	SH 3	830	KLX13523A22 5	006	022	ZZ	P831	SH 2		00015–99999

Table 73. W471 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W471	A612TB2 –10	D		AA1236A22 6	030	022	SY	P166	5	937	00012–99999
W471	A675TB1 –1	B		AA1210A22 6	030	022	SH	P167	5	936	00012–99999
W471	A675TB1 –1	F		R42A22 6	010	022	SY	A675TB1 –1	R		00012–99999
W471	A675TB1 –1	G		R24A22 6	012	022	SY	A675TB1 –4	P		00012–99999
W471	A675TB1 –1	K		AA121A22 6WHT	030	022	SJ	P167	4	936	00012–99999
W471	A675TB1 –1	P		AA122A22 6BLU	030	022	SJ	P167	18	936	00012–99999
W471	A675TB1 –1	R		R42A22 6	010	022	SY	A675TB1 –1	F		00012–99999
W471	A675TB1 –1	W		AA126A22 3	030	022	SY	P167	25	936	00012–99999
W471	A675TB1 –1	Y		R41A22 3	012	022	SY	A675TB1 –2	C		00012–99999
W471	A675TB1 –2	C		R41A22 3	012	022	SY	A675TB1 –1	Y		00012–99999
W471	A675TB1 –2	G		AA125A22 3	030	022	SY	P167	19	936	00012–99999
W471	A675TB1 –2	K		AA128A22 3	030	022	SY	P167	17	936	00012–99999
W471	A675TB1 –3	C		AA1211A22 6	030	022	SH	P167	7	936	00012–99999
W471	A675TB1 –3	G		R30A22 6	010	022	SY	A675TB1 –4	H		00012–99999
W471	A675TB1 –3	L		AA123A22 6	030	022	SH	P167	6	936	00012–99999
W471	A675TB1 –3	R		AA1239A22 6	030	022	SH	P167	20	936	00012–99999
W471	A675TB1 –3	S		R23A22 6	010	022	SY	A675TB1 –4	F		00012–99999
W471	A675TB1 –4	B		AA124A22 6	030	022	SH	P167	8	936	00012–99999
W471	A675TB1 –4	F		R23A22 6	010	022	SY	A675TB1 –3	S		00012–99999
W471	A675TB1 –4	H		R30A22 6	010	022	SY	A675TB1 –3	G		00012–99999
W471	A675TB1 –4	K		AA127A22 6	030	022	SH	P167	9	936	00012–99999
W471	A675TB1 –4	P		R24A22 6	012	022	SY	A675TB1 –1	G		00012–99999
W471	A675TB1 –4	R		R51A22 6	012	022	SY	A675TB1 –12	E		00012–99999
W471	A675TB1 –5	B		AA1212A22 6WHT	030	022	SJ	P167	3	936	00012–99999
W471	A675TB1 –5	F		AA1213A22 6BLU	030	022	SJ	P167	16	936	00012–99999
W471	A675TB1 –5	Z		AA1215A22 3	030	022	SY	P167	1	936	00012–99999
W471	A675TB1 –8	A		AA1217A22 6WHT	030	022	SJ	P166	24	937	00012–99999
W471	A675TB1 –8	E		AA1218A22 6BLU	030	022	SJ	P166	12	937	00012–99999
W471	A675TB1 –8	J		AA1223A22 6WHT	030	022	SJ	P166	13	937	00012–99999
W471	A675TB1 –8	N		AA1224A22 6BLU	030	022	SJ	P166	25	937	00012–99999
W471	A675TB1 –8	T		AA1225A22 6WHT	030	022	SJ	P166	4	937	00012–99999
W471	A675TB1 –9	A		AA1226A22 6BLU	030	022	SJ	P166	16	937	00012–99999
W471	A675TB1 –9	E		AA1227A22 6WHT	030	022	SJ	P166	11	937	00012–99999
W471	A675TB1 –9	J		AA1228A22 6BLU	030	022	SJ	P166	23	937	00012–99999
W471	A675TB1 –9	N		AA1219A22 6WHT	030	022	SJ	P166	22	937	00012–99999
W471	A675TB1 –9	T		AA1220A22 6BLU	030	022	SJ	P166	10	937	00012–99999
W471	A675TB1 –10	A		AA1221A22 6WHT	030	022	SJ	P166	20	937	00012–99999
W471	A675TB1 –10	E		AA1222A22 6BLU	030	022	SJ	P166	8	937	00012–99999
W471	A675TB1 –10	J		AA1229A22 6WHT	030	022	SJ	P166	9	937	00012–99999
W471	A675TB1 –10	N		AA1230A22 6BLU	030	022	SJ	P166	21	937	00012–99999
W471	A675TB1 –10	T		AA1231A22 6WHT	030	022	SJ	P166	1	937	00012–99999

Table 73. W471 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W471	A675TB1 –11	A		AA1232A22 6BLU	030	022	SJ	P166	14	937	00012–99999
W471	A675TB1 –11	B		R52A22 6	010	022	SY	A675TB1 –11	T		00012–99999
W471	A675TB1 –11	E		AA1233A22 6WHT	030	022	SJ	P166	3	937	00012–99999
W471	A675TB1 –11	J		AA1234A22 6BLU	030	022	SJ	P166	15	937	00012–99999
W471	A675TB1 –11	N		AA1235A22 6	030	022	SH	P166	2	937	00012–99999
W471	A675TB1 –11	T		R52A22 6	010	022	SY	A675TB1 –11	B		00012–99999
W471	A675TB1 –12	4	936	AA121A22 6WHT	030	022	SJ	A675TB1 –1	K		00012–99999
W471	A675TB1 –12	E		R51A22 6	012	022	SY	A675TB1 –4	R		00012–99999
W471	GS105	F		AA1216K22 6	030	022	SY	P166	SH10	818	00012–99999
W471	GS105	J		AA1214J22 6	030	022	SY	P167	SH 9	818	00012–99999
W471	GS107	F		AA1237A22N 6	030	022	SY	P166	17	937	00012–99999
W471	GS107	L		AA129A22 3	030	022	SY	P167	14	936	00012–99999
W471	P166	1	937	AA1231A22 6WHT	030	022	SJ	A675TB1 –10	T		00012–99999
W471	P166	2	937	AA1235A22 6	030	022	SH	A675TB1 –11	N		00012–99999
W471	P166	3	937	AA1233A22 6WHT	030	022	SJ	A675TB1 –11	E		00012–99999
W471	P166	4	937	AA1225A22 6WHT	030	022	SJ	A675TB1 –8	T		00012–99999
W471	P166	5	937	AA1236A22 6	030	022	SY	A612TB2 –10	D		00012–99999
W471	P166	8	937	AA1222A22 6BLU	030	022	SJ	A675TB1 –10	E		00012–99999
W471	P166	9	937	AA1229A22 6WHT	030	022	SJ	A675TB1 –10	J		00012–99999
W471	P166	10	937	AA1220A22 6BLU	030	022	SJ	A675TB1 –9	T		00012–99999
W471	P166	11	937	AA1227A22 6WHT	030	022	SJ	A675TB1 –9	E		00012–99999
W471	P166	12	937	AA1218A22 6BLU	030	022	SJ	A675TB1 –8	E		00012–99999
W471	P166	13	937	AA1223A22 6WHT	030	022	SJ	A675TB1 –8	J		00012–99999
W471	P166	14	937	AA1232A22 6BLU	030	022	SJ	A675TB1 –11	A		00012–99999
W471	P166	15	937	AA1234A22 6BLU	030	022	SJ	A675TB1 –11	J		00012–99999
W471	P166	16	937	AA1226A22 6BLU	030	022	SJ	A675TB1 –9	A		00012–99999
W471	P166	17	937	AA1237A22N 6	030	022	SY	GS107	F		00012–99999
W471	P166	20	937	AA1221A22 6WHT	030	022	SJ	A675TB1 –10	A		00012–99999
W471	P166	21	937	AA1230A22 6BLU	030	022	SJ	A675TB1 –10	N		00012–99999
W471	P166	22	937	AA1219A22 6WHT	030	022	SJ	A675TB1 –9	N		00012–99999
W471	P166	23	937	AA1228A22 6BLU	030	022	SJ	A675TB1 –9	J		00012–99999
W471	P166	24	937	AA1217A22 6WHT	030	022	SJ	A675TB1 –8	A		00012–99999
W471	P166	25	937	AA1224A22 6BLU	030	022	SJ	A675TB1 –8	N		00012–99999
W471	P166	SH 1	830	AA1216A22 6	006	022	ZZ	P166	SH 2		00012–99999
W471	P166	SH 2	830	AA1216B22 6	006	022	ZZ	P166	SH 3		00012–99999
W471	P166	SH 2		AA1216A22 6	006	022	ZZ	P166	SH 1	830	00012–99999
W471	P166	SH 3	830	AA1216C22 6	006	022	ZZ	P166	SH 4		00012–99999
W471	P166	SH 3		AA1216B22 6	006	022	ZZ	P166	SH 2	830	00012–99999
W471	P166	SH 4	830	AA1216D22 6	006	022	ZZ	P166	SH 5		00012–99999
W471	P166	SH 4		AA1216C22 6	006	022	ZZ	P166	SH 3	830	00012–99999
W471	P166	SH 5	830	AA1216E22 6	006	022	ZZ	P166	SH 6		00012–99999

Table 73. W471 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W471	P166	SH 5		AA1216D22 6	006	022	ZZ	P166	SH 4	830	00012–99999
W471	P166	SH 6	830	AA1216F22 6	006	022	ZZ	P166	SH 7		00012–99999
W471	P166	SH 6		AA1216E22 6	006	022	ZZ	P166	SH 5	830	00012–99999
W471	P166	SH 7	830	AA1216G22 6	006	022	ZZ	P166	SH 8		00012–99999
W471	P166	SH 7		AA1216F22 6	006	022	ZZ	P166	SH 6	830	00012–99999
W471	P166	SH 8	830	AA1216H22 6	006	022	ZZ	P166	SH 9		00012–99999
W471	P166	SH 8		AA1216G22 6	006	022	ZZ	P166	SH 7	830	00012–99999
W471	P166	SH 9	830	AA1216J22 6	006	022	ZZ	P166	SH10		00012–99999
W471	P166	SH 9		AA1216H22 6	006	022	ZZ	P166	SH 8	830	00012–99999
W471	P166	SH10	818	AA1216K22 6	030	022	SY	GS105	F		00012–99999
W471	P166	SH10		AA1216J22 6	006	022	ZZ	P166	SH 9	830	00012–99999
W471	P167	1	936	AA1215A22 3	030	022	SY	A675TB1 –5	Z		00012–99999
W471	P167	3	936	AA1212A22 6WHT	030	022	SJ	A675TB1 –5	B		00012–99999
W471	P167	4	936	AA121A22 6WHT	030	022	SJ	A675TB1 –1	K		00012–99999
W471	P167	5	936	AA1210A22 6	030	022	SH	A675TB1 –1	B		00012–99999
W471	P167	6	936	AA123A22 6	030	022	SH	A675TB1 –3	L		00012–99999
W471	P167	7	936	AA1211A22 6	030	022	SH	A675TB1 –3	C		00012–99999
W471	P167	8	936	AA124A22 6	030	022	SH	A675TB1 –4	B		00012–99999
W471	P167	9	936	AA127A22 6	030	022	SH	A675TB1 –4	K		00012–99999
W471	P167	13	936	AA1238A22 6	030	022	SH	A675TB1 –12	A		00012–99999
W471	P167	14	936	AA129A22 3	030	022	SY	GS107	L		00012–99999
W471	P167	16	936	AA1213A22 6BLU	030	022	SJ	A675TB1 –5	F		00012–99999
W471	P167	17	936	AA128A22 3	030	022	SY	A675TB1 –2	K		00012–99999
W471	P167	18	936	AA122A22 6BLU	030	022	SJ	A675TB1 –1	P		00012–99999
W471	P167	19	936	AA125A22 3	030	022	SY	A675TB1 –2	G		00012–99999
W471	P167	20	936	AA1239A22 6	030	022	SH	A675TB1 –3	R		00012–99999
W471	P167	25	936	AA126A22 3	030	022	SY	A675TB1 –1	W		00012–99999
W471	P167	SH 1	830	AA1214A22 6	006	022	ZZ	P167	SH 2		00012–99999
W471	P167	SH 2	830	AA1214B22 6	006	022	ZZ	P167	SH 3		00012–99999
W471	P167	SH 2		AA1214A22 6	006	022	ZZ	P167	SH 1	830	00012–99999
W471	P167	SH 3	830	AA1214C22 6	006	022	ZZ	P167	SH 4		00012–99999
W471	P167	SH 3		AA1214B22 6	006	022	ZZ	P167	SH 2	830	00012–99999
W471	P167	SH 4	830	AA1214D22 6	006	022	ZZ	P167	SH 5		00012–99999
W471	P167	SH 4		AA1214C22 6	006	022	ZZ	P167	SH 3	830	00012–99999
W471	P167	SH 5	830	AA1214E22 6	006	022	ZZ	P167	SH 6		00012–99999
W471	P167	SH 5		AA1214D22 6	006	022	ZZ	P167	SH 4	830	00012–99999
W471	P167	SH 6	830	AA1214F22 6	006	022	ZZ	P167	SH 7		00012–99999
W471	P167	SH 6		AA1214E22 6	006	022	ZZ	P167	SH 5	830	00012–99999
W471	P167	SH 7	830	AA1214G22 6	006	022	ZZ	P167	SH 8		00012–99999
W471	P167	SH 7		AA1214F22 6	006	022	ZZ	P167	SH 6	830	00012–99999
W471	P167	SH 8	830	AA1214H22 6	006	022	ZZ	P167	SH 9		00012–99999

Table 73. W471 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W471	P167	SH 8		AA1214G22 6	006	022	ZZ	P167	SH 7	830	00012–99999
W471	P167	SH 9	818	AA1214J22 6	030	022	SY	GS105	J		00012–99999
W471	P167	SH 9		AA1214H22 6	006	022	ZZ	P167	SH 8	830	00012–99999

Table 74. W612 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W612	A612E1		102	NACA18A22N 3	016	022	SY	A612XK1 –6	A 1	952	00052–99999
W612	A612E1		102	NACA20A22N 3	016	022	SY	A612XK1 –6	B 3	952	00052–99999
W612	A612E1		102	E96A22N 3	016	022	SY	A612J3	91	915	00008–99999
W612	A612E1		102	E284A22N 3	016	022	SY	A612TB2 –6	J	904	00019–99999
W612	A612J1	1	915	E69C22 3	016	022	SY	A612J3	6	915	00008–99999
W612	A612J1	2	915	E77C22 3	016	022	SY	A612J3	7	915	00008–99999
W612	A612J1	3	915	Q25C22 3	016	022	SY	A612J2	17	915	00008–99999
W612	A612J1	4	915	Q26C22 3	016	022	SY	A612J2	18	915	00008–99999
W612	A612J1	5	915	Q27C22 3	016	022	SY	A612J6	15	915	00008–99999
W612	A612J1	6	915	L143C22 3	016	022	SY	A612TB2 –8	J	905	00052–99999
W612	A612J1	7	915	H21X22 3	016	022	SY	A612J6	22	915	00008–99999
W612	A612J1	8	915	H15X22 3	016	022	SY	A612J6	23	915	00008–99999
W612	A612J1	9	915	H15Y22 3	016	022	SY	A612J6	24	915	00008–99999
W612	A612J1	10	915	H6G22 3	016	022	SY	A612J6	43	915	00008–99999
W612	A612J1	11	915	T59D22 3	016	022	SY	A612J3	52	915	00008–99999
W612	A612J1	12	915	T92B22 3	016	022	SY	A612TB2 –2	C	904	00008–99999
W612	A612J1	13	915	T93B22 3	016	022	SY	A612TB2 –2	G	904	00008–99999
W612	A612J1	14	915	T94B22 3	016	022	SY	A612TB2 –2	L	904	00008–99999
W612	A612J1	15	915	T95B22 3	016	022	SY	A612TB2 –2	R	904	00008–99999
W612	A612J1	16	915	T96B22 3	016	022	SY	A612TB2 –2	Y	904	00008–99999
W612	A612J1	17	915	T97B22 3	016	022	SY	A612TB2 –3	C	904	00008–99999
W612	A612J1	18	915	E280B24 3	016	024	GA	A612TB2 –6	Z	904	00012–99999
W612	A612J1	19	915	T119A24 3	016	024	GA	A612TB4 –5	M	904	00012–99999
W612	A612J1	21	915	T36D22 4WHT	016	022	SB	A612J3	22	915	00008–99999
W612	A612J1	22	915	T37D22 4BLU	016	022	SB	A612J3	23	915	00008–99999
W612	A612J1	23	915	Q32D22 5WHT	016	022	SB	A612J2	23	915	00008–99999
W612	A612J1	24	915	Q33D22 5BLU	016	022	SB	A612J2	24	915	00008–99999
W612	A612J1	25	915	T38D22 5WHT	016	022	SC	A612J3	69	915	00008–99999
W612	A612J1	26	915	T39D22 5BLU	016	022	SC	A612J3	70	915	00008–99999
W612	A612J1	27	915	T40D22 5ORN	016	022	SC	A612J3	71	915	00008–99999
W612	A612J1	28	915	T44D24 3	016	024	GA	A612J3	21	915	00008–99999
W612	A612J1	29	915	T46D22 3	016	022	SY	A612J3	24	915	00008–99999
W612	A612J1	30	915	T50D22 4WHT	016	022	SB	A612J2	34	915	00008–99999
W612	A612J1	31	915	T51D22 4BLU	016	022	SB	A612J2	35	915	00008–99999
W612	A612J1	32	915	T52D22 5GRN	016	022	SD	A612J2	36	915	00008–99999
W612	A612J1	33	915	T53D22 5ORN	016	022	SD	A612J2	37	915	00008–99999
W612	A612J1	34	915	T54D22 5BLU	016	022	SD	A612J2	38	915	00008–99999
W612	A612J1	35	915	T55D22 5WHT	016	022	SD	A612J2	39	915	00008–99999
W612	A612J1	37	915	E1F24 3	024	024	GA	A612TB2 –6	K	904	00008–00011
W612	A612J1	37	915	E1F24 3	012	024	RA	A612TB2 –6	K	904	00012–00018
W612	A612J1	37	915	E1E22 3	016	022	SH	A612J2	1	915	00019–00051

Table 74. W612 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W612	A612J1	37	915	E1E22 3	016	022	SY	A612J2	1	915	00052–99999
W612	A612J1	38	915	E2D22 3BLU	024	022	SB	A612J2	2	915	00008–00011
W612	A612J1	38	915	E2D22 3BLU	012	022	SJ	A612J2	2	915	00012–00018
W612	A612J1	38	915	E2D22 3BLU	016	022	SJ	A612J2	2	915	00019–00051
W612	A612J1	38	915	E2D22 3	016	022	SY	A612J2	2	915	00052–99999
W612	A612J1	39	915	E3D22 3WHT	024	022	SB	A612J2	3	915	00008–00011
W612	A612J1	39	915	E3D22 3WHT	012	022	SJ	A612J2	3	915	00012–00018
W612	A612J1	39	915	E3D22 3WHT	016	022	SJ	A612J2	3	915	00019–00051
W612	A612J1	39	915	E3D22 3	016	022	SY	A612J2	3	915	00052–99999
W612	A612J1	40	915	E4D22 3WHT	024	022	SC	A612J2	4	915	00008–00011
W612	A612J1	40	915	E4D22 3WHT	016	022	SK	A612J2	4	915	00012–00051
W612	A612J1	40	915	E4D22 3	016	022	SY	A612J2	4	915	00052–99999
W612	A612J1	41	915	E5E22 3BLU	024	022	SC	A612J2	5	915	00008–00011
W612	A612J1	41	915	E5E22 3BLU	016	022	SK	A612J2	5	915	00012–00051
W612	A612J1	41	915	E5E22 3	016	022	SY	A612J2	5	915	00052–99999
W612	A612J1	42	915	E6D22 3	016	022	SY	A612J2	6	915	00052–99999
W612	A612J1	42	915	E6D22 3ORN	024	022	SC	A612J2	6	915	00008–00011
W612	A612J1	42	915	E6D22 3ORN	016	022	SK	A612J2	6	915	00012–00051
W612	A612J1	43	915	E276B24 3	024	024	GA	A612TB2 –6	G	904	00008–00011
W612	A612J1	43	915	E276B24 3WHT	012	024	RB	A612TB2 –6	G	904	00012–00018
W612	A612J1	43	915	E276B24 3WHT	016	024	RB	A612XK1 –9	A 1	952	00019–00051
W612	A612J1	43	915	E276B24 3	016	024	GA	A612XK1 –9	A 1	952	00052–99999
W612	A612J1	44	915	E277B24 3	024	024	GA	A612TB2 –6	R	904	00008–00011
W612	A612J1	44	915	E277B24 3BLU	012	024	RB	A612TB2 –6	R	904	00012–00018
W612	A612J1	44	915	E277B24 3BLU	016	024	RB	A612XK1 –10	A 1	952	00019–00051
W612	A612J1	44	915	E277B24 3	016	024	GA	A612XK1 –10	A 1	952	00052–99999
W612	A612J1	45	915	E27C24 3	024	024	GA	A612J3	88	915	00008–00011
W612	A612J1	45	915	E27C24 3	016	024	RA	A612J3	88	915	00012–00051
W612	A612J1	45	915	E27C24 3	016	024	GA	A612J3	88	915	00052–99999
W612	A612J1	46	915	E100C24 3	016	024	GA	A612J3	59	915	00008–99999
W612	A612J1	47	915	E49E22 3	006	022	ZZ	A612J1	SH14	830	00012–00051
W612	A612J1	47	915	E49E22 3	006	022	ZZ	A612J1	SH 9	830	00052–99999
W612	A612J1	48	915	E33C24 5WHT	016	024	RC	A612J3	29	915	00008–99999
W612	A612J1	49	915	E34C24 5BLU	016	024	RC	A612J3	30	915	00008–99999
W612	A612J1	50	915	E35C24 5ORN	016	024	RC	A612J3	31	915	00008–99999
W612	A612J1	51	915	E36D24 5	006	024	ZZ	A612J1	SH 7	833	00008–99999
W612	A612J1	52	915	E37C24 5WHT	016	024	RB	A612J3	33	915	00008–99999
W612	A612J1	53	915	E38C24 5BLU	016	024	RB	A612J3	34	915	00008–99999
W612	A612J1	54	915	E39D24 5	006	024	ZZ	A612J1	SH 8	830	00008–99999
W612	A612J1	55	915	E47D22 4WHT	024	022	SB	A612J3	44	915	00008–00011
W612	A612J1	55	915	E47D22 4WHT	016	022	SJ	A612J3	44	915	00012–00051

Table 74. W612 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W612	A612J1	55	915	E47D22 4WHT	016	022	SJ	A612J3	44	915	00052–99999
W612	A612J1	56	915	E48D22 4BLU	024	022	SB	A612J3	45	915	00008–00011
W612	A612J1	56	915	E48D22 4BLU	016	022	SJ	A612J3	45	915	00012–00051
W612	A612J1	56	915	E48D22 4BLU	016	022	SJ	A612J3	45	915	00052–99999
W612	A612J1	57	915	L46D22 3	016	022	SY	A612J2	44	915	00008–99999
W612	A612J1	58	915	L47B24 3	016	024	GA	A612TB3 –1	A	904	00008–00051
W612	A612J1	59	915	L48B24 3	016	024	GA	A612TB3 –2	E	904	00008–00051
W612	A612J1	60	915	T10D24 5WHT	016	024	RB	A612J3	60	915	00008–99999
W612	A612J1	61	915	T11D24 5BLU	016	024	RB	A612J3	61	915	00008–99999
W612	A612J1	62	915	T70F24 5	006	024	ZZ	A612J1	SH 1	833	00008–99999
W612	A612J1	63	915	T12D24 5WHT	016	024	RB	A612J3	63	915	00008–99999
W612	A612J1	64	915	T13D24 5BLU	016	024	RB	A612J3	64	915	00008–99999
W612	A612J1	65	915	T71F24 5	006	024	ZZ	A612J1	SH 2	833	00008–99999
W612	A612J1	66	915	T20D24 3BLU	016	024	RB	A612J3	66	915	00008–99999
W612	A612J1	67	915	T19D24 3WHT	016	024	RB	A612J3	67	915	00008–99999
W612	A612J1	68	915	T74F24 3	006	024	ZZ	A612J1	SH 3	833	00008–99999
W612	A612J1	69	915	L49C22 3	016	022	SY	A612J6	99	915	00008–99999
W612	A612J1	70	915	T21D24 5WHT	016	024	RB	A612J3	11	915	00008–99999
W612	A612J1	71	915	T22D24 5BLU	016	024	RB	A612J3	12	915	00008–99999
W612	A612J1	72	915	T75G24 5	006	024	ZZ	A612J1	SH 4	833	00008–99999
W612	A612J1	73	915	T23D24 5WHT	016	024	RB	A612J3	13	915	00008–99999
W612	A612J1	74	915	T24D24 5BLU	016	024	RB	A612J3	14	915	00008–99999
W612	A612J1	75	915	T76G24 5	006	024	ZZ	A612J1	SH 5	833	00008–99999
W612	A612J1	76	915	T31D24 3BLU	016	024	RB	A612J3	15	915	00008–99999
W612	A612J1	77	915	T30D24 3WHT	016	024	RB	A612J3	16	915	00008–99999
W612	A612J1	78	915	T79G24 3	006	024	ZZ	A612J1	SH 6	833	00008–99999
W612	A612J1	79	915	P109A24 3	016	024	GA	A612XK1 –7/8	X 2	952	00008–99999
W612	A612J1	80	915	P20B24 3	016	024	GA	A612J6	60	915	00008–99999
W612	A612J1	81	915	P36C24 3	016	024	GA	A612J2	40	915	00008–99999
W612	A612J1	82	915	P27C22 3	016	022	SY	A612J2	42	915	00008–99999
W612	A612J1	83	915	C18C22 3	016	022	SY	A612XK1 –7/8	B 2	952	00015–99999
W612	A612J1	83	915	C20E22 3	024	022	SY	A612J6	84	915	00008–00014
W612	A612J1	84	915	C31D22 3	016	022	SY	A612J3	83	915	00008–99999
W612	A612J1	85	915	C32D22 5WHT	016	022	SD	A612J3	84	915	00008–99999
W612	A612J1	86	915	C21E22 3	016	022	SY	A612J6	85	915	00008–99999
W612	A612J1	87	915	C33D22 5BLU	016	022	SD	A612J3	85	915	00008–99999
W612	A612J1	88	915	C34D22 5ORN	016	022	SD	A612J3	86	915	00008–99999
W612	A612J1	89	915	C35D22 5GRN	016	022	SD	A612J3	87	915	00008–99999
W612	A612J1	90	915	E269B22 5WHT	016	022	SB	A612J3	89	915	00008–99999
W612	A612J1	91	915	E270B22 5BLU	016	022	SB	A612J3	90	915	00008–99999
W612	A612J1	92	915	T99B22 3	016	022	SY	A612TB2 –3	L	904	00008–99999

Table 74. W612 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W612	A612J1	93	915	T100B22 3	016	022	SY	A612TB2 –3	R	904	00008–99999
W612	A612J1	94	915	T112B22 4WHT	016	022	SB	A612J5	V	917	00008–99999
W612	A612J1	95	915	T113B22 4BLU	016	022	SB	A612J5	U	917	00008–99999
W612	A612J1	96	915	T107C24 3	016	024	GA	A612J6	76	915	00008–00051
W612	A612J1	96	915	T107D24 3	016	024	GA	A612TB3 –3	W	904	00052–99999
W612	A612J1	97	915	T111A24 3	016	024	GA	A612TB2 –1	Z	904	00008–99999
W612	A612J1	98	915	M3K22 3	016	022	SY	A612J6	80	915	00008–99999
W612	A612J1	99	915	M3E22 3	016	022	SY	A612J6	81	915	00008–99999
W612	A612J1	100	915	T98B22 3	016	022	SY	A612TB2 –3	G	904	00008–99999
W612	A612J1	101	915	T101B22 3	016	022	SY	A612TB2 –3	Y	904	00008–99999
W612	A612J1	102	915	T102B22 3	016	022	SY	A612TB2 –4	C	904	00008–99999
W612	A612J1	103	915	T90C22 3	016	022	SY	A612J6	55	915	00008–99999
W612	A612J1	104	915	T91C22 3	016	022	SY	A612J6	56	915	00008–99999
W612	A612J1	105	915	T4C24 3	016	024	GA	A612J2	33	915	00008–99999
W612	A612J1	107	915	M7B22 3	016	022	SY	A612J6	83	915	00008–99999
W612	A612J1	108	915	NACA7C22 3	016	022	SY	A612TB3 –4	P	904	00052–99999
W612	A612J1	109	915	NACA11C22 3	016	022	SY	A612TB3 –4	W	904	00052–99999
W612	A612J1	110	915	E28E24 3	006	024	ZZ	A612J1	SH 9	833	00012–00051
W612	A612J1	111	915	E32C24 3	006	024	ZZ	A612J1	SH10	833	00012–00051
W612	A612J1	112	915	E8D22 3	006	022	ZZ	A612J1	SH11	830	00012–00051
W612	A612J1	113	915	E7D22 3	006	022	ZZ	A612J1	SH13	830	00012–00051
W612	A612J1	114	915	T6A22 3	016	022	SY	A612TB2 –7	E	905	00035–99999
W612	A612J1	115	915	T6D22 3	016	022	SY	A612TB2 –7	F	905	00035–99999
W612	A612J1	116	915	NACA1C22 3	016	022	SY	A612TB2 –4	N	904	00052–99999
W612	A612J1	117	915	NACA2A22 3	016	022	SY	A612TB2 –4	P	904	00052–99999
W612	A612J1	118	915	NACA3A22 3	016	022	SY	A612XK1 –6	A 2	952	00052–99999
W612	A612J1	119	915	NACA15A22 3	016	022	SY	A612XK1 –6	B 2	952	00052–99999
W612	A612J1	SH 1	833	T70F24 5	006	024	ZZ	A612J1	62	915	00008–99999
W612	A612J1	SH 2	833	T71F24 5	006	024	ZZ	A612J1	65	915	00008–99999
W612	A612J1	SH 3	833	T74F24 3	006	024	ZZ	A612J1	68	915	00008–99999
W612	A612J1	SH 4	833	T75G24 5	006	024	ZZ	A612J1	72	915	00008–99999
W612	A612J1	SH 5	833	T76G24 5	006	024	ZZ	A612J1	75	915	00008–99999
W612	A612J1	SH 6	833	T79G24 3	006	024	ZZ	A612J1	78	915	00008–99999
W612	A612J1	SH 7	833	E36D24 5	006	024	ZZ	A612J1	51	915	00008–99999
W612	A612J1	SH 8	830	E39D24 5	006	024	ZZ	A612J1	54	915	00008–99999
W612	A612J1	SH 9	833	E28E24 3	006	024	ZZ	A612J1	110	915	00012–00051
W612	A612J1	SH 9	830	E49E22 3	006	022	ZZ	A612J1	47	915	00052–99999
W612	A612J1	SH10	833	E32C24 3	006	024	ZZ	A612J1	111	915	00012–00051
W612	A612J1	SH11	830	E8D22 3	006	022	ZZ	A612J1	112	915	00012–00051
W612	A612J1	SH12	830	E7E22 3	006	022	ZZ	A612J1	SH13		00012–00051
W612	A612J1	SH13	830	E7D22 3	006	022	ZZ	A612J1	113	915	00012–00051

Table 74. W612 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W612	A612J1	SH13		E7E22 3	006	022	ZZ	A612J1	SH12	830	00012–00051
W612	A612J1	SH14	830	E49E22 3	006	022	ZZ	A612J1	47	915	00012–00051
W612	A612J2	1	915	E1E24 3	024	024	GA	A612TB2 –6	J	904	00008–00011
W612	A612J2	1	915	E1E24 3	012	024	RA	A612TB2 –6	J	904	00012–00018
W612	A612J2	1	915	E1E22 3	016	022	SH	A612J1	37	915	00019–00051
W612	A612J2	1	915	E1E22 3	016	022	SY	A612J1	37	915	00052–99999
W612	A612J2	2	915	E2D22 3BLU	024	022	SB	A612J1	38	915	00008–00011
W612	A612J2	2	915	E2D22 3BLU	012	022	SJ	A612J1	38	915	00012–00018
W612	A612J2	2	915	E2D22 3BLU	016	022	SJ	A612J1	38	915	00019–00051
W612	A612J2	2	915	E2D22 3	016	022	SY	A612J1	38	915	00052–99999
W612	A612J2	3	915	E3D22 3WHT	024	022	SB	A612J1	39	915	00008–00011
W612	A612J2	3	915	E3D22 3WHT	012	022	SJ	A612J1	39	915	00012–00018
W612	A612J2	3	915	E3D22 3WHT	016	022	SJ	A612J1	39	915	00019–00051
W612	A612J2	3	915	E3D22 3	016	022	SY	A612J1	39	915	00052–99999
W612	A612J2	4	915	E4D22 3WHT	024	022	SC	A612J1	40	915	00008–00011
W612	A612J2	4	915	E4D22 3WHT	016	022	SK	A612J1	40	915	00012–00051
W612	A612J2	4	915	E4D22 3	016	022	SY	A612J1	40	915	00052–99999
W612	A612J2	5	915	E5E22 3BLU	024	022	SC	A612J1	41	915	00008–00011
W612	A612J2	5	915	E5E22 3BLU	016	022	SK	A612J1	41	915	00012–00051
W612	A612J2	5	915	E5E22 3	016	022	SY	A612J1	41	915	00052–99999
W612	A612J2	6	915	E6D22 3ORN	024	022	SC	A612J1	42	915	00008–00011
W612	A612J2	6	915	E6D22 3ORN	016	022	SK	A612J1	42	915	00012–00051
W612	A612J2	6	915	E6D22 3	016	022	SY	A612J1	42	915	00052–99999
W612	A612J2	7	915	E65C24 3	016	024	GA	A612XK1 –1/2	C 3	952	00008–99999
W612	A612J2	8	915	E98B24 3	016	024	GA	A612TB2 –5	D	904	00008–00051
W612	A612J2	9	915	C40B22 3	012	022	SY	A612TB3 –9	M	904	00012–00014
W612	A612J2	10	915	E97C24 3	016	024	GA	A612TB2 –5	H	904	00008–99999
W612	A612J2	11	915	C41B22 3	012	022	SY	A612TB3 –9	S	904	00012–00014
W612	A612J2	12	915	E280E22 3	024	022	SY	A612TB2 –6	Z	904	00012–00018
W612	A612J2	13	915	E94C24 3	016	024	GA	A612TB2 –5	M	904	00008–99999
W612	A612J2	14	915	Q20B22 3	016	022	SY	A612J3	1	915	00008–99999
W612	A612J2	15	915	Q21B22 3	016	022	SY	A612J3	2	915	00008–00051
W612	A612J2	16	915	Q22C22 3	016	022	SY	A612J3	5	915	00008–99999
W612	A612J2	17	915	Q25C22 3	016	022	SY	A612J1	3	915	00008–99999
W612	A612J2	18	915	Q26C22 3	016	022	SY	A612J1	4	915	00008–99999
W612	A612J2	19	915	R20C22 3	024	022	SY	A612TB3 –7	T	904	00008–00011
W612	A612J2	19	915	E7F22 3	006	022	ZZ	A612J2	SH 5	830	00012–00051
W612	A612J2	20	915	R25C24 3	024	024	GA	A612TB3 –4	B	904	00008–00011
W612	A612J2	20	915	E8E22 3	006	022	ZZ	A612J2	SH 3	830	00012–00051
W612	A612J2	21	915	R22C24 3	024	024	GA	A612TB3 –4	F	904	00008–00011
W612	A612J2	22	915	W38E24 3	016	024	GA	A612J3	10	915	00008–99999

Table 74. W612 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W612	A612J2	23	915	Q32D22 5WHT	016	022	SB	A612J1	23	915	00008–99999
W612	A612J2	24	915	Q33D22 5BLU	016	022	SB	A612J1	24	915	00008–99999
W612	A612J2	25	915	KRA4053C22 2	024	022	SY	A612TB4 –1	A	904	00008–00009
W612	A612J2	26	915	C3F22 3	016	022	SY	A612TB3 –9	D	904	00008–99999
W612	A612J2	27	915	C2G22 3	016	022	SY	A612TB3 –9	H	904	00008–99999
W612	A612J2	28	915	C9D22 3ORN	016	022	SE	A612TB3 –10	D	904	00008–99999
W612	A612J2	29	915	C10D22 3RED	016	022	SE	A612TB3 –10	H	904	00008–99999
W612	A612J2	30	915	C1G22 3WHT	016	022	SE	A612TB3 –10	M	904	00008–99999
W612	A612J2	31	915	C11D22 3BLU	016	022	SE	A612TB3 –10	S	904	00008–99999
W612	A612J2	32	915	C12D22 3GRN	016	022	SE	A612TB3 –10	Z	904	00008–99999
W612	A612J2	33	915	T4C24 3	016	024	GA	A612J1	105	915	00008–99999
W612	A612J2	34	915	T50D22 4WHT	016	022	SB	A612J1	30	915	00008–99999
W612	A612J2	35	915	T51D22 4BLU	016	022	SB	A612J1	31	915	00008–99999
W612	A612J2	36	915	T52D22 5GRN	016	022	SD	A612J1	32	915	00008–99999
W612	A612J2	37	915	T53D22 5ORN	016	022	SD	A612J1	33	915	00008–99999
W612	A612J2	38	915	T54D22 5BLU	016	022	SD	A612J1	34	915	00008–99999
W612	A612J2	39	915	T55D22 5WHT	016	022	SD	A612J1	35	915	00008–99999
W612	A612J2	40	915	P36C24 3	016	024	GA	A612J1	81	915	00008–99999
W612	A612J2	41	915	P37C24 3	016	024	GA	A612J3	80	915	00008–99999
W612	A612J2	42	915	P27C22 3	016	022	SY	A612J1	82	915	00008–99999
W612	A612J2	43	915	P35C24 3	016	024	GA	A612J3	81	915	00008–99999
W612	A612J2	44	915	L46D22 3	016	022	SY	A612J1	57	915	00008–99999
W612	A612J2	46	915	L50C24 3	016	024	GA	A612J3	72	915	00008–99999
W612	A612J2	47	915	L51C24 3	016	024	GA	A612J3	73	915	00008–99999
W612	A612J2	48	915	L52C24 3	016	024	GA	A612J3	74	915	00008–99999
W612	A612J2	50	915	E276C24 3	024	024	GA	A612TB2 –6	F	904	00008–00011
W612	A612J2	50	915	E276C24 3WHT	012	024	RC	A612TB2 –6	F	904	00012–00018
W612	A612J2	51	915	E1J24 3	024	024	GA	A612TB2 –6	M	904	00008–00011
W612	A612J2	51	915	E1J24 3ORN	012	024	RC	A612TB2 –6	M	904	00012–00018
W612	A612J2	51	915	E1J24 3WHT	016	024	RB	A612TB2 –6	H	904	00019–00051
W612	A612J2	51	915	E1J24 3	016	024	GA	A612TB2 –6	H	904	00052–99999
W612	A612J2	52	915	E277C24 3	024	024	GA	A612TB2 –6	P	904	00008–00011
W612	A612J2	52	915	E277C24 3BLU	012	024	RC	A612TB2 –6	P	904	00012–00018
W612	A612J2	52	915	E277C24 3BLU	016	024	RB	A612TB2 –6	P	904	00019–00051
W612	A612J2	52	915	E277C24 3	016	024	GA	A612TB2 –6	P	904	00052–99999
W612	A612J2	54	915	E18J24 3	024	024	GA	A612TB2 –6	D	904	00008–00011
W612	A612J2	54	915	E18J24 3ORN	012	024	RC	A612TB2 –6	D	904	00012–00018
W612	A612J2	54	915	E18J24 3BLU	016	024	RB	A612TB2 –6	D	904	00019–00051
W612	A612J2	54	915	E18J24 3	016	024	GA	A612TB2 –6	D	904	00052–99999
W612	A612J2	55	915	E29E24 3	024	024	GA	A612TB2 –5	P	904	00008–00011
W612	A612J2	55	915	E29E24 3WHT	012	024	RC	A612TB2 –5	P	904	00012–00018

Table 74. W612 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W612	A612J2	55	915	E29E24 3WHT	016	024	RB	A612TB2 –5	P	904	00019–00051
W612	A612J2	55	915	E29E24 3	016	024	GA	A612TB2 –5	P	904	00052–99999
W612	A612J2	56	915	E30E24 3	024	024	GA	A612TB2 –5	W	904	00008–00011
W612	A612J2	56	915	E30E24 3BLU	012	024	RC	A612TB2 –5	W	904	00012–00018
W612	A612J2	57	915	KT702C22 3	024	022	SY	A612TB4 –1	E	904	00008–00009
W612	A612J2	58	915	LVSCS33B22 3	016	022	SY	A612TB3 –8	C	904	00012–00051
W612	A612J2	60	915	R4B22 6WHT	024	022	SB	A612TB3 –3	A	904	00008–00011
W612	A612J2	60	915	E274H24 3	006	024	ZZ	A612J2	SH 1	833	00012–00051
W612	A612J2	61	915	R5B22 6BLU	024	022	SB	A612TB3 –3	E	904	00008–00011
W612	A612J2	61	915	E32H24 3	006	024	ZZ	A612J2	SH 2	833	00012–00051
W612	A612J2	62	915	R6B22 6WHT	024	022	SB	A612TB3 –3	J	904	00008–00011
W612	A612J2	62	915	LVSCS45B22 3	016	022	SY	A612TB4 –4	L	904	00052–99999
W612	A612J2	63	915	R7B22 6BLU	024	022	SB	A612TB3 –3	N	904	00008–00011
W612	A612J2	64	915	R10B24 3	024	024	GA	A612TB3 –4	A	904	00008–00011
W612	A612J2	64	915	C42D22 3	016	022	SY	A612TB4 –4	J	904	00052–99999
W612	A612J2	65	915	R11A24 3	024	024	GA	A612TB3 –4	E	904	00008–00011
W612	A612J2	66	915	R8B22 6WHT	024	022	SB	A612TB3 –5	A	904	00008–00011
W612	A612J2	67	915	R9B22 6BLU	024	022	SB	A612TB3 –5	E	904	00008–00011
W612	A612J2	68	915	R12B22 6WHT	024	022	SB	A612TB3 –5	J	904	00008–00011
W612	A612J2	69	915	R13B22 6BLU	024	022	SB	A612TB3 –5	N	904	00008–00011
W612	A612J2	70	915	R8C22 6WHT	024	022	SB	A612TB3 –5	B	904	00008–00011
W612	A612J2	71	915	R9C22 6BLU	024	022	SB	A612TB3 –5	F	904	00008–00011
W612	A612J2	72	915	R12C22 6WHT	024	022	SB	A612TB3 –5	K	904	00008–00011
W612	A612J2	73	915	R13C22 6BLU	024	022	SB	A612TB3 –5	P	904	00008–00011
W612	A612J2	74	915	R14B22 6WHT	024	022	SB	A612TB3 –6	A	904	00008–00011
W612	A612J2	75	915	R15B22 6BLU	024	022	SB	A612TB3 –6	E	904	00008–00011
W612	A612J2	76	915	R16B22 6WHT	024	022	SB	A612TB3 –6	J	904	00008–00011
W612	A612J2	77	915	R17B22 6BLU	024	022	SB	A612TB3 –6	N	904	00008–00011
W612	A612J2	78	915	R18B24 3	024	024	GA	A612TB3 –4	N	904	00008–00011
W612	A612J2	79	915	R19B24 3	024	024	GA	A612TB3 –4	T	904	00008–00011
W612	A612J2	80	915	R46B22 3	024	022	SY	A612TB4 –4	H	904	00008–00011
W612	A612J2	81	915	R47B22 3	024	022	SY	A612TB4 –4	M	904	00008–00011
W612	A612J2	82	915	R48B22 3	024	022	SY	A612TB4 –4	S	904	00008–00011
W612	A612J2	83	915	R49B22 3	024	022	SY	A612TB4 –4	Z	904	00008–00011
W612	A612J2	84	915	R50B22 3	024	022	SY	A612TB4 –4	D	904	00008–00011
W612	A612J2	85	915	R48C22 3	024	022	SY	A612TB4 –4	R	904	00008–00011
W612	A612J2	86	915	T5C24 3	024	024	GA	A612J3	20	915	00008–00011
W612	A612J2	86	915	T5C24 3	024	024	GA	A612J6	108	915	00012–00014
W612	A612J2	87	915	R38C22 3	024	022	SY	A612TB4 –3	M	904	00008–00011
W612	A612J2	88	915	R43C22 3	024	022	SY	A612TB4 –3	S	904	00008–00011
W612	A612J2	89	915	R44C22 3	024	022	SY	A612TB4 –3	Z	904	00008–00011

Table 74. W612 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W612	A612J2	90	915	R45E22 3	024	022	SY	A612TB4 –3	D	904	00008–00011
W612	A612J2	91	915	R37C22 3	024	022	SY	A612TB4 –3	H	904	00008–00011
W612	A612J2	92	915	T125B24 3	016	024	GA	A612TB4 –5	T	904	00012–99999
W612	A612J2	93	915	L138B22 3	016	022	SY	A612J6	104	915	00015–99999
W612	A612J2	94	915	LVSCS29B22 3	016	022	SY	A612J6	106	915	00012–99999
W612	A612J2	95	915	LVSCS27B22 3	016	022	SY	A612J6	105	915	00012–99999
W612	A612J2	96	915	LVSCS30B22 3	016	022	SY	A612J6	75	915	00012–99999
W612	A612J2	97	915	LVSCS32C22 3	016	022	SY	A612J6	77	915	00012–99999
W612	A612J2	SH 1	833	E274H24 3	006	024	ZZ	A612J2	60	915	00012–00051
W612	A612J2	SH 2	833	E32H24 3	006	024	ZZ	A612J2	61	915	00012–00051
W612	A612J2	SH 3	830	E8E22 3	006	022	ZZ	A612J2	20	915	00012–00051
W612	A612J2	SH 4	830	E7G22 3	006	022	ZZ	A612J2	SH 5		00012–00051
W612	A612J2	SH 5	830	E7F22 3	006	022	ZZ	A612J2	19	915	00012–00051
W612	A612J2	SH 5		E7G22 3	006	022	ZZ	A612J2	SH 4	830	00012–00051
W612	A612J3	1	915	Q20B22 3	016	022	SY	A612J2	14	915	00008–99999
W612	A612J3	2	915	Q21B22 3	016	022	SY	A612J2	15	915	00008–00051
W612	A612J3	3	915	Q23C22 3	016	022	SY	A612J6	13	915	00008–99999
W612	A612J3	4	915	Q24C22 3	016	022	SY	A612J6	14	915	00008–99999
W612	A612J3	5	915	Q22C22 3	016	022	SY	A612J2	16	915	00008–99999
W612	A612J3	6	915	E69C22 3	016	022	SY	A612J1	1	915	00008–99999
W612	A612J3	7	915	E77C22 3	016	022	SY	A612J1	2	915	00008–99999
W612	A612J3	8	915	NACA7D22 3	016	022	SY	A612TB3 –4	N	904	00052–99999
W612	A612J3	8	915	R1B22 4WHT	024	022	SB	A612TB3 –7	A	904	00008–00011
W612	A612J3	9	915	NACA11D22 3	016	022	SY	A612TB3 –4	T	904	00052–99999
W612	A612J3	9	915	R2B22 4BLU	024	022	SB	A612TB3 –7	E	904	00008–00011
W612	A612J3	10	915	W38E24 3	016	024	GA	A612J2	22	915	00008–99999
W612	A612J3	11	915	T21D24 5WHT	016	024	RB	A612J1	70	915	00008–99999
W612	A612J3	12	915	T22D24 5BLU	016	024	RB	A612J1	71	915	00008–99999
W612	A612J3	13	915	T23D24 5WHT	016	024	RB	A612J1	73	915	00008–99999
W612	A612J3	14	915	T24D24 5BLU	016	024	RB	A612J1	74	915	00008–99999
W612	A612J3	15	915	T31D24 3BLU	016	024	RB	A612J1	76	915	00008–99999
W612	A612J3	16	915	T30D24 3WHT	016	024	RB	A612J1	77	915	00008–99999
W612	A612J3	17	915	T75F24 5	006	024	ZZ	A612J3	SH 4	833	00008–99999
W612	A612J3	18	915	T76F24 5	006	024	ZZ	A612J3	SH 5	833	00008–99999
W612	A612J3	19	915	T79F24 3	006	024	ZZ	A612J3	SH 6	833	00008–99999
W612	A612J3	20	915	T5C24 3	024	024	GA	A612J2	86	915	00008–00011
W612	A612J3	20	915	T5C24 3	016	024	GA	A612J6	108	915	00015–99999
W612	A612J3	21	915	T44D24 3	016	024	GA	A612J1	28	915	00008–99999
W612	A612J3	22	915	T36D22 4WHT	016	022	SB	A612J1	21	915	00008–99999
W612	A612J3	23	915	T37D22 4BLU	016	022	SB	A612J1	22	915	00008–99999
W612	A612J3	24	915	T46D22 3	016	022	SY	A612J1	29	915	00008–99999

Table 74. W612 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W612	A612J3	25	915	Q28D22 5WHT	016	022	SB	A612J6	25	915	00008–99999
W612	A612J3	26	915	Q29D22 5BLU	016	022	SB	A612J6	26	915	00008–99999
W612	A612J3	27	915	C3B22 3	016	022	SY	A612TB3 –9	C	904	00008–99999
W612	A612J3	28	915	Q31D22 3	016	022	SY	A612J6	28	915	00008–99999
W612	A612J3	29	915	E33C24 5WHT	016	024	RC	A612J1	48	915	00008–99999
W612	A612J3	30	915	E34C24 5BLU	016	024	RC	A612J1	49	915	00008–99999
W612	A612J3	31	915	E35C24 5ORN	016	024	RC	A612J1	50	915	00008–99999
W612	A612J3	32	915	L44B24 3	016	024	GA	A612TB3 –2	A	904	00008–00051
W612	A612J3	33	915	E37C24 5WHT	016	024	RB	A612J1	52	915	00008–99999
W612	A612J3	34	915	E38C24 5BLU	016	024	RB	A612J1	53	915	00008–99999
W612	A612J3	35	915	L45B24 3	016	024	GA	A612TB3 –1	E	904	00008–00051
W612	A612J3	36	915	E18F24 3	024	024	GA	A612TB2 –6	B	904	00008–00011
W612	A612J3	36	915	E18F22 3	012	022	SH	A612TB2 –6	B	904	00012–00018
W612	A612J3	36	915	E18E22 3	016	022	SH	A612J6	1	915	00019–00051
W612	A612J3	36	915	E18E22 3	016	022	SY	A612J6	1	915	00052–99999
W612	A612J3	37	915	E19D22 3BLU	024	022	SB	A612J6	2	915	00008–00011
W612	A612J3	37	915	E19D22 3BLU	012	022	SJ	A612J6	2	915	00012–00018
W612	A612J3	37	915	E19D22 3	016	022	SY	A612J6	2	915	00052–99999
W612	A612J3	37	915	E19D22 3BLU	016	022	SJ	A612J6	2	915	00019–00051
W612	A612J3	38	915	E20D22 3WHT	024	022	SB	A612J6	3	915	00008–00011
W612	A612J3	38	915	E20D22 3WHT	012	022	SJ	A612J6	3	915	00012–00018
W612	A612J3	38	915	E20D22 3WHT	016	022	SJ	A612J6	3	915	00019–00051
W612	A612J3	38	915	E20D22 3	016	022	SY	A612J6	3	915	00052–99999
W612	A612J3	39	915	E21D22 3WHT	024	022	SC	A612J6	4	915	00008–00011
W612	A612J3	39	915	E21D22 3	016	022	SY	A612J6	4	915	00052–99999
W612	A612J3	39	915	E21D22 3WHT	016	022	SK	A612J6	4	915	00012–00051
W612	A612J3	40	915	E22D22 3BLU	024	022	SC	A612J6	5	915	00008–00011
W612	A612J3	40	915	E22D22 3BLU	016	022	SK	A612J6	5	915	00012–00051
W612	A612J3	40	915	E22D22 3	016	022	SY	A612J6	5	915	00052–99999
W612	A612J3	41	915	E23D22 3ORN	024	022	SC	A612J6	6	915	00008–00011
W612	A612J3	41	915	E23D22 3ORN	016	022	SK	A612J6	6	915	00012–00051
W612	A612J3	41	915	E23D22 3	016	022	SY	A612J6	6	915	00052–99999
W612	A612J3	42	915	E29C24 3	024	024	GA	A612TB2 –5	R	904	00008–00011
W612	A612J3	42	915	E29C24 3WHT	012	024	RB	A612TB2 –5	R	904	00012–00018
W612	A612J3	42	915	E29C24 3WHT	016	024	RB	A612XK1 –9	B 1	952	00019–00051
W612	A612J3	42	915	E29C24 3	016	024	GA	A612XK1 –9	B 1	952	00052–99999
W612	A612J3	43	915	E30C24 3	024	024	GA	A612TB2 –5	Y	904	00008–00011
W612	A612J3	43	915	E30C24 3BLU	012	024	RB	A612TB2 –5	Y	904	00012–00018
W612	A612J3	43	915	E30C24 3BLU	016	024	RB	A612XK1 –10	B 1	952	00019–00051
W612	A612J3	43	915	E30C24 3	016	024	GA	A612XK1 –10	B 1	952	00052–99999
W612	A612J3	44	915	E47D22 4WHT	024	022	SB	A612J1	55	915	00008–00011

Table 74. W612 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W612	A612J3	44	915	E47D22 4WHT	016	022	SJ	A612J1	55	915	00012–00051
W612	A612J3	44	915	E47D22 4WHT	016	022	SJ	A612J1	55	915	00052–99999
W612	A612J3	45	915	E48D22 4BLU	024	022	SB	A612J1	56	915	00008–00011
W612	A612J3	45	915	E48D22 4BLU	016	022	SJ	A612J1	56	915	00012–00051
W612	A612J3	45	915	E48D22 4BLU	016	022	SJ	A612J1	56	915	00052–99999
W612	A612J3	46	915	E79B22 3	016	022	SY	A612XK1 –5	A 2	952	00008–00051
W612	A612J3	47	915	E68C22 3	016	022	SY	A612XK1 –5 SP1			00008–00051
W612	A612J3	48	915	E61B24 3	016	024	GA	A612XK1 –3/4	C 2	952	00008–99999
W612	A612J3	49	915	E95A24 3	016	024	GA	A612XK1 –3/4	A 2	952	00008–99999
W612	A612J3	50	915	E93A24 3	016	024	GA	A612XK1 –1/2	A 2	952	00008–99999
W612	A612J3	51	915	E82B24 3	016	024	GA	A612XK1 –3/4	B 3	952	00008–99999
W612	A612J3	52	915	T59D22 3	016	022	SY	A612J1	11	915	00008–99999
W612	A612J3	53	915	E83B24 3	016	024	GA	A612XK1 –3/4	X 1	952	00008–99999
W612	A612J3	54	915	E84B24 3	016	024	GA	A612XK1 –1/2	C 2	952	00008–99999
W612	A612J3	55	915	E36E24 5	006	024	ZZ	A612J3	SH 7	833	00008–99999
W612	A612J3	56	915	E39E24 5	006	024	ZZ	A612J3	SH 8	833	00008–99999
W612	A612J3	57	915	E85B24 3	016	024	GA	A612XK1 –1/2	B 3	952	00008–99999
W612	A612J3	58	915	E86B24 3	016	024	GA	A612XK1 –1/2	X 1	952	00008–99999
W612	A612J3	59	915	E100C24 3	016	024	GA	A612J1	46	915	00008–99999
W612	A612J3	60	915	T10D24 5WHT	016	024	RB	A612J1	60	915	00008–99999
W612	A612J3	61	915	T11D24 5BLU	016	024	RB	A612J1	61	915	00008–99999
W612	A612J3	62	915	T70G24 5	006	024	ZZ	A612J3	SH 1	833	00008–99999
W612	A612J3	63	915	T12D24 5WHT	016	024	RB	A612J1	63	915	00008–99999
W612	A612J3	64	915	T13D24 5BLU	016	024	RB	A612J1	64	915	00008–99999
W612	A612J3	65	915	T71G24 5	006	024	ZZ	A612J3	SH 2	833	00008–99999
W612	A612J3	66	915	T20D24 3BLU	016	024	RB	A612J1	66	915	00008–99999
W612	A612J3	67	915	T19D24 3WHT	016	024	RB	A612J1	67	915	00008–99999
W612	A612J3	68	915	T74G24 3	006	024	ZZ	A612J3	SH 3	833	00008–99999
W612	A612J3	69	915	T38D22 5WHT	016	022	SC	A612J1	25	915	00008–99999
W612	A612J3	70	915	T39D22 5BLU	016	022	SC	A612J1	26	915	00008–99999
W612	A612J3	71	915	T40D22 5ORN	016	022	SC	A612J1	27	915	00008–99999
W612	A612J3	72	915	L50C24 3	016	024	GA	A612J2	46	915	00008–99999
W612	A612J3	73	915	L51C24 3	016	024	GA	A612J2	47	915	00008–99999
W612	A612J3	74	915	L52C24 3	016	024	GA	A612J2	48	915	00008–99999
W612	A612J3	76	915	H27X22 3	024	022	SY	A612J6	63	915	00008–00011
W612	A612J3	76	915	H27D22 3	016	022	SY	A612TB3 –8	D	904	00012–99999
W612	A612J3	77	915	H26X22 3	016	022	SY	A612J6	64	915	00008–99999
W612	A612J3	78	915	H25X22 3	016	022	SY	A612J6	65	915	00008–99999
W612	A612J3	80	915	P37C24 3	016	024	GA	A612J2	41	915	00008–99999
W612	A612J3	81	915	P35C24 3	016	024	GA	A612J2	43	915	00008–99999

Table 74. W612 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W612	A612J3	83	915	C31D22 3	016	022	SY	A612J1	84	915	00008–99999
W612	A612J3	84	915	C32D22 5WHT	016	022	SD	A612J1	85	915	00008–99999
W612	A612J3	85	915	C33D22 5BLU	016	022	SD	A612J1	87	915	00008–99999
W612	A612J3	86	915	C34D22 5ORN	016	022	SD	A612J1	88	915	00008–99999
W612	A612J3	87	915	C35D22 5GRN	016	022	SD	A612J1	89	915	00008–99999
W612	A612J3	88	915	E27C24 3	024	024	GA	A612J1	45	915	00008–00011
W612	A612J3	88	915	E27C24 3	016	024	RA	A612J1	45	915	00012–00051
W612	A612J3	88	915	E27C24 3	016	024	GA	A612J1	45	915	00052–99999
W612	A612J3	89	915	E269B22 5WHT	016	022	SB	A612J1	90	915	00008–99999
W612	A612J3	90	915	E270B22 5BLU	016	022	SB	A612J1	91	915	00008–99999
W612	A612J3	91	915	E96A22N 3	016	022	SY	A612E1		102	00008–99999
W612	A612J3	92	915	T108A24 3	016	024	GA	A612TB2 –1	D	904	00008–99999
W612	A612J3	93	915	T109A24 3	016	024	GA	A612TB2 –1	H	904	00008–99999
W612	A612J3	94	915	T110A24 3	016	024	GA	A612TB2 –1	M	904	00008–99999
W612	A612J3	96	915	T117B24 3	016	024	GA	A612TB2 –4	M	904	00008–99999
W612	A612J3	97	915	T117D24 3	016	024	GA	A612TB2 –4	H	904	00008–99999
W612	A612J3	98	915	M8B22 3	016	022	SY	A612J6	82	915	00008–99999
W612	A612J3	99	915	C2M22 3	016	022	SY	A612J6	98	915	00052–99999
W612	A612J3	100	915	M15C22 3WHT	016	022	SD	A612J5	J	917	00008–99999
W612	A612J3	101	915	M16C22 3BLU	016	022	SD	A612J5	K	917	00008–99999
W612	A612J3	102	915	M17C22 3ORN	016	022	SD	A612J5	L	917	00008–99999
W612	A612J3	103	915	M18C22 3GRN	016	022	SD	A612J5	M	917	00008–99999
W612	A612J3	104	915	M19B22 3	016	022	SY	A612J5	N	917	00008–99999
W612	A612J3	105	915	M20A22 3	016	022	SY	A612TB4 –5	A	904	00008–99999
W612	A612J3	106	915	T120A24 3	016	024	GA	A612TB4 –5	S	904	00012–99999
W612	A612J3	107	915	T121A24 3	016	024	GA	A612TB4 –5	Z	904	00012–99999
W612	A612J3	108	915	E49D22 3	006	022	ZZ	A612J3	SH 9	830	00052–99999
W612	A612J3	108	915	E49D22 3	006	022	ZZ	A612J3	SH14	830	00012–00051
W612	A612J3	109	915	E46D24 3	006	024	ZZ	A612J3	SH15	833	00012–00051
W612	A612J3	110	915	E24D22 3	006	022	ZZ	A612J3	SH16	830	00012–00051
W612	A612J3	111	915	E25D22 3	006	022	ZZ	A612J3	SH18	830	00012–00051
W612	A612J3	112	915	E28D24 3	006	024	ZZ	A612J3	SH 9	833	00012–00051
W612	A612J3	SH 1	833	T70G24 5	006	024	ZZ	A612J3	62	915	00008–99999
W612	A612J3	SH 2	833	T71G24 5	006	024	ZZ	A612J3	65	915	00008–99999
W612	A612J3	SH 3	833	T74G24 3	006	024	ZZ	A612J3	68	915	00008–99999
W612	A612J3	SH 4	833	T75F24 5	006	024	ZZ	A612J3	17	915	00008–99999
W612	A612J3	SH 5	833	T76F24 5	006	024	ZZ	A612J3	18	915	00008–99999
W612	A612J3	SH 6	833	T79F24 3	006	024	ZZ	A612J3	19	915	00008–99999
W612	A612J3	SH 7	833	E36E24 5	006	024	ZZ	A612J3	55	915	00008–99999
W612	A612J3	SH 8	833	E39E24 5	006	024	ZZ	A612J3	56	915	00008–99999
W612	A612J3	SH 9	833	E28D24 3	006	024	ZZ	A612J3	112	915	00012–00051

Table 74. W612 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W612	A612J3	SH 9	830	E49D22 3	006	022	ZZ	A612J3	108	915	00052–99999
W612	A612J3	SH14	830	E49D22 3	006	022	ZZ	A612J3	108	915	00012–00051
W612	A612J3	SH15	833	E46D24 3	006	024	ZZ	A612J3	109	915	00012–00051
W612	A612J3	SH16	830	E24D22 3	006	022	ZZ	A612J3	110	915	00012–00051
W612	A612J3	SH17	830	E25E22 3	006	022	ZZ	A612J3	SH18		00012–00051
W612	A612J3	SH18	830	E25D22 3	006	022	ZZ	A612J3	111	915	00012–00051
W612	A612J3	SH18		E25E22 3	006	022	ZZ	A612J3	SH17	830	00012–00051
W612	A612J4	A	917	T1H20 3	016	020	SY	A612TB2 –7	C	905	00008–99999
W612	A612J4	B	917	T1J20 3	016	020	SY	A612J9	L	917	00008–99999
W612	A612J4	C	917	M6J20 3	016	020	SY	A612J9	U	917	00008–99999
W612	A612J4	D	917	M6D20 3	016	020	SY	A612J9	V	917	00008–99999
W612	A612J5	A	917	L85B20 3	016	020	SY	A612TB2 –8	A	905	00008–99999
W612	A612J5	B	917	L117C22 3	016	022	SY	A612TB2 –8	E	905	00008–99999
W612	A612J5	C	917	L130C24 3	016	024	GA	A612TB2 –8	D	905	00008–99999
W612	A612J5	D	917	L120C22 3	024	022	SY	A612TB3 –2	J	904	00008–00018
W612	A612J5	E	917	L38K22 3	016	022	SY	A612J9	P	917	00008–99999
W612	A612J5	F	917	L60D22 3	016	022	SY	A612J9	R	917	00008–99999
W612	A612J5	G	917	L61F22 3	016	022	SY	A612J9	S	917	00008–99999
W612	A612J5	J	917	M15C22 3WHT	016	022	SD	A612J3	100	915	00008–99999
W612	A612J5	K	917	M16C22 3BLU	016	022	SD	A612J3	101	915	00008–99999
W612	A612J5	L	917	M17C22 3ORN	016	022	SD	A612J3	102	915	00008–99999
W612	A612J5	M	917	M18C22 3GRN	016	022	SD	A612J3	103	915	00008–99999
W612	A612J5	N	917	M19B22 3	016	022	SY	A612J3	104	915	00008–99999
W612	A612J5	P	917	M20C22 3	016	022	SY	A612TB4 –5	B	904	00008–99999
W612	A612J5	R	917	M20D22 3	016	022	SY	A612TB4 –5	C	904	00008–99999
W612	A612J5	S	917	M24G22 3	016	022	SY	A612TB4 –5	F	904	00008–99999
W612	A612J5	T	917	M24D22 3	016	022	SY	A612TB4 –5	G	904	00008–99999
W612	A612J5	U	917	T113B22 4BLU	016	022	SB	A612J1	95	915	00008–99999
W612	A612J5	V	917	T112B22 4WHT	016	022	SB	A612J1	94	915	00008–99999
W612	A612J6	1	915	E18E24 3	024	024	GA	A612TB2 –6	A	904	00008–00011
W612	A612J6	1	915	E18E22 3	012	022	SH	A612TB2 –6	A	904	00012–00018
W612	A612J6	1	915	E18E22 3	016	022	SH	A612J3	36	915	00019–00051
W612	A612J6	1	915	E18E22 3	016	022	SY	A612J3	36	915	00052–99999
W612	A612J6	2	915	E19D22 3BLU	024	022	SB	A612J3	37	915	00008–00011
W612	A612J6	2	915	E19D22 3BLU	012	022	SJ	A612J3	37	915	00012–00018
W612	A612J6	2	915	E19D22 3BLU	016	022	SJ	A612J3	37	915	00019–00051
W612	A612J6	2	915	E19D22 3	016	022	SY	A612J3	37	915	00052–99999
W612	A612J6	3	915	E20D22 3WHT	024	022	SB	A612J3	38	915	00008–00011
W612	A612J6	3	915	E20D22 3WHT	012	022	SJ	A612J3	38	915	00012–00018
W612	A612J6	3	915	E20D22 3WHT	016	022	SJ	A612J3	38	915	00019–00051
W612	A612J6	3	915	E20D22 3	016	022	SY	A612J3	38	915	00052–99999

Table 74. W612 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W612	A612J6	4	915	E21D22 3WHT	024	022	SC	A612J3	39	915	00008–00011
W612	A612J6	4	915	E21D22 3WHT	016	022	SK	A612J3	39	915	00012–00051
W612	A612J6	4	915	E21D22 3	016	022	SY	A612J3	39	915	00052–99999
W612	A612J6	5	915	E22D22 3BLU	024	022	SC	A612J3	40	915	00008–00011
W612	A612J6	5	915	E22D22 3BLU	016	022	SK	A612J3	40	915	00012–00051
W612	A612J6	5	915	E22D22 3	016	022	SY	A612J3	40	915	00052–99999
W612	A612J6	6	915	E23D22 3ORN	024	022	SC	A612J3	41	915	00008–00011
W612	A612J6	6	915	E23D22 3ORN	016	022	SK	A612J3	41	915	00012–00051
W612	A612J6	6	915	E23D22 3	016	022	SY	A612J3	41	915	00052–99999
W612	A612J6	7	915	E98E24 3	016	024	GA	A612TB2 –5	J	904	00008–99999
W612	A612J6	8	915	R37F22 3	024	022	SY	A612TB4 –3	E	904	00008–00011
W612	A612J6	9	915	ATTGYR1C22 3	024	022	SY	A612TB4 –1	J	904	00008–00009
W612	A612J6	9	915	E25F22 3	006	022	ZZ	A612J6	SH 5	830	00012–00051
W612	A612J6	10	915	E140D24 3	016	024	GA	A612TB2 –5	E	904	00008–99999
W612	A612J6	11	915	R38D22 3	024	022	SY	A612TB4 –3	J	904	00008–00011
W612	A612J6	12	915	E94F24 3	016	024	GA	A612TB2 –5	A	904	00008–00051
W612	A612J6	13	915	Q23C22 3	016	022	SY	A612J3	3	915	00008–99999
W612	A612J6	14	915	Q24C22 3	016	022	SY	A612J3	4	915	00008–99999
W612	A612J6	15	915	Q27C22 3	016	022	SY	A612J1	5	915	00008–99999
W612	A612J6	16	915	E24E22 3	006	022	ZZ	A612J6	SH 3	830	00012–00051
W612	A612J6	17	915	R28C24 3	024	024	GA	A612TB3 –8	A	904	00008–00011
W612	A612J6	19	915	E280C22 3	024	022	SY	A612TB2 –6	T	904	00012–00018
W612	A612J6	20	915	R31C24 3	024	024	GA	A612TB3 –8	E	904	00008–00011
W612	A612J6	21	915	R43D22 3	024	022	SY	A612TB4 –3	N	904	00008–00011
W612	A612J6	22	915	H21X22 3	016	022	SY	A612J1	7	915	00008–99999
W612	A612J6	23	915	H15X22 3	016	022	SY	A612J1	8	915	00008–99999
W612	A612J6	24	915	H15Y22 3	016	022	SY	A612J1	9	915	00008–99999
W612	A612J6	25	915	Q28D22 5WHT	016	022	SB	A612J3	25	915	00008–99999
W612	A612J6	26	915	Q29D22 5BLU	016	022	SB	A612J3	26	915	00008–99999
W612	A612J6	27	915	R44D22 3	024	022	SY	A612TB4 –3	T	904	00008–00011
W612	A612J6	28	915	Q31D22 3	016	022	SY	A612J3	28	915	00008–99999
W612	A612J6	29	915	C2C22 3	016	022	SY	A612TB3 –9	G	904	00008–99999
W612	A612J6	30	915	E66C24 3	016	024	GA	A612XK1 –3/4	C 3	952	00008–99999
W612	A612J6	31	915	C9G22 3WHT	016	022	SB	A612TB3 –10	B	904	00008–99999
W612	A612J6	32	915	C11G22 3BLU	016	022	SB	A612TB3 –10	P	904	00008–99999
W612	A612J6	33	915	C10G22 3BLU	019	022	SB	A612TB3 –10	F	904	00008–99999
W612	A612J6	34	915	C12G22 3WHT	016	022	SB	A612TB3 –10	W	904	00008–99999
W612	A612J6	35	915	C1C22 3	016	022	SY	A612TB3 –10	K	904	00008–99999
W612	A612J6	36	915	C3C22 3	016	022	SY	A612TB3 –9	A	904	00008–99999
W612	A612J6	37	915	C2D22 3	016	022	SY	A612TB3 –9	E	904	00008–99999
W612	A612J6	38	915	C9C22 3ORN	016	022	SE	A612TB3 –10	A	904	00008–99999

Table 74. W612 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W612	A612J6	39	915	C10C22 3RED	016	022	SE	A612TB3 –10	E	904	00008–99999
W612	A612J6	40	915	C1D22 3WHT	016	022	SE	A612TB3 –10	J	904	00008–99999
W612	A612J6	41	915	C11C22 3BLU	016	022	SE	A612TB3 –10	N	904	00008–99999
W612	A612J6	42	915	C12C22 3GRN	016	022	SE	A612TB3 –10	T	904	00008–99999
W612	A612J6	43	915	H6G22 3	016	022	SY	A612J1	10	915	00008–99999
W612	A612J6	44	915	T92D22 3	016	022	SY	A612TB2 –2	A	904	00008–99999
W612	A612J6	45	915	T93D22 3	016	022	SY	A612TB2 –2	E	904	00008–99999
W612	A612J6	46	915	T94D22 3	016	022	SY	A612TB2 –2	J	904	00008–99999
W612	A612J6	47	915	T95D22 3	016	022	SY	A612TB2 –2	N	904	00008–99999
W612	A612J6	48	915	T96D22 3	016	022	SY	A612TB2 –2	T	904	00008–99999
W612	A612J6	49	915	T97D22 3	016	022	SY	A612TB2 –3	A	904	00008–99999
W612	A612J6	50	915	T98D22 3	016	022	SY	A612TB2 –3	E	904	00008–99999
W612	A612J6	51	915	T99D22 3	016	022	SY	A612TB2 –3	J	904	00008–99999
W612	A612J6	52	915	T100D22 3	016	022	SY	A612TB2 –3	N	904	00008–99999
W612	A612J6	53	915	T101D22 3	016	022	SY	A612TB2 –3	T	904	00008–99999
W612	A612J6	54	915	T102D22 3	016	022	SY	A612TB2 –4	A	904	00008–99999
W612	A612J6	55	915	T90C22 3	016	022	SY	A612J1	103	915	00008–99999
W612	A612J6	56	915	T91C22 3	016	022	SY	A612J1	104	915	00008–99999
W612	A612J6	57	915	E274D24 3	006	024	ZZ	A612J6	SH 2	833	00012–00051
W612	A612J6	58	915	R45B22 3	024	022	SY	A612TB4 –3	C	904	00008–00011
W612	A612J6	59	915	R45C22 3	024	022	SY	A612TB4 –3	A	904	00008–00011
W612	A612J6	60	915	P20B24 3	016	024	GA	A612J1	80	915	00008–99999
W612	A612J6	61	915	E32J24 3	006	024	ZZ	A612J6	SH 1	833	00012–00018
W612	A612J6	61	915	E32K24 3	006	024	ZZ	A612J6	SH 1	833	00019–00051
W612	A612J6	62	915	P103C24 3	016	024	GA	A612XK1 –7/8	X 1	952	00008–99999
W612	A612J6	63	915	H27X22 3	024	022	SY	A612J3	76	915	00008–00011
W612	A612J6	63	915	H27C22 3	016	022	SY	A612TB3 –8	A	904	00012–00051
W612	A612J6	63	915	H27C22 3	016	022	SY	A612TB3 –8	A	904	00052–99999
W612	A612J6	64	915	H26X22 3	016	022	SY	A612J3	77	915	00008–99999
W612	A612J6	65	915	H25X22 3	016	022	SY	A612J3	78	915	00008–99999
W612	A612J6	66	915	L105C24 3	016	024	GA	A612TB3 –2	B	904	00008–99999
W612	A612J6	67	915	L106C24 3	016	024	GA	A612TB3 –2	F	904	00008–99999
W612	A612J6	68	915	L107G24 3	016	024	GA	A612TB3 –2	K	904	00008–99999
W612	A612J6	69	915	L121C24 3	024	024	GA	A612TB3 –1	C	904	00008–00018
W612	A612J6	70	915	L122C24 3	024	024	GA	A612TB3 –1	G	904	00008–00018
W612	A612J6	71	915	L123G24 3	024	024	GA	A612TB3 –1	L	904	00008–00018
W612	A612J6	72	915	L126C24 3	024	024	GA	A612TB3 –2	C	904	00008–00018
W612	A612J6	73	915	L127C24 3	024	024	GA	A612TB3 –2	G	904	00008–00018
W612	A612J6	74	915	L128G24 3	024	024	GA	A612TB3 –2	L	904	00008–00018
W612	A612J6	75	915	LVSCS30B22 3	016	022	SY	A612J2	96	915	00012–99999
W612	A612J6	76	915	T107C24 3	016	024	GA	A612J1	96	915	00008–00051

Table 74. W612 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W612	A612J6	76	915	T107C24 3	016	024	GA	A612TB3 –3	T	904	00052–99999
W612	A612J6	77	915	LVSCS32C22 3	016	022	SY	A612J2	97	915	00012–99999
W612	A612J6	78	915	R46D22 3	024	022	SY	A612TB4 –4	E	904	00008–00011
W612	A612J6	79	915	R47C22 3	024	022	SY	A612TB4 –4	J	904	00008–00011
W612	A612J6	80	915	M3K22 3	016	022	SY	A612J1	98	915	00008–99999
W612	A612J6	81	915	M3E22 3	016	022	SY	A612J1	99	915	00008–99999
W612	A612J6	82	915	M8B22 3	016	022	SY	A612J3	98	915	00008–99999
W612	A612J6	83	915	M7B22 3	016	022	SY	A612J1	107	915	00008–99999
W612	A612J6	84	915	C20E22 3	024	022	SY	A612J1	83	915	00008–00014
W612	A612J6	84	915	C20E22 3	016	022	SY	A612XK1 –7/8	B 1	952	00015–99999
W612	A612J6	85	915	C21E22 3	016	022	SY	A612J1	86	915	00008–99999
W612	A612J6	86	915	C19A22 3	024	022	SY	A612XK1 –7/8	B 1	952	00008–00014
W612	A612J6	86	915	C19A22 3	016	022	SY	A612J6	87	915	00015–99999
W612	A612J6	87	915	C18C22 3	024	022	SY	A612XK1 –7/8	B 2	952	00008–00014
W612	A612J6	87	915	C19A22 3	016	022	SY	A612J6	86	915	00015–99999
W612	A612J6	88	915	E29G24 3	024	024	GA	A612TB2 –5	N	904	00008–00011
W612	A612J6	88	915	E29G24 3WHT	012	024	RC	A612TB2 –5	N	904	00012–00018
W612	A612J6	88	915	E29G24 3WHT	016	024	RB	A612TB2 –5	N	904	00019–00051
W612	A612J6	88	915	E29G24 3	016	024	GA	A612TB2 –5	N	904	00052–99999
W612	A612J6	89	915	E30G24 3	024	024	GA	A612TB2 –5	T	904	00008–00011
W612	A612J6	89	915	E30G24 3BLU	012	024	RC	A612TB2 –5	T	904	00012–00018
W612	A612J6	90	915	M20E22 3	016	022	SY	A612TB4 –5	D	904	00008–99999
W612	A612J6	91	915	M24F22 3	016	022	SY	A612TB4 –5	E	904	00008–99999
W612	A612J6	92	915	L101C24 3	016	024	GA	A612TB3 –1	B	904	00008–99999
W612	A612J6	93	915	L102C24 3	016	024	GA	A612TB3 –1	F	904	00008–99999
W612	A612J6	94	915	L103G24 3	016	024	GA	A612TB3 –1	K	904	00008–99999
W612	A612J6	95	915	R48E22 3	024	022	SY	A612TB4 –4	N	904	00008–00011
W612	A612J6	96	915	R49C22 3	024	022	SY	A612TB4 –4	T	904	00008–00011
W612	A612J6	97	915	R50C22 3	024	022	SY	A612TB4 –4	A	904	00008–00011
W612	A612J6	98	915	C2M22 3	016	022	SY	A612J3	99	915	00052–99999
W612	A612J6	99	915	L49C22 3	016	022	SY	A612J1	69	915	00008–99999
W612	A612J6	100	915	E18G24 3	024	024	GA	A612TB2 –6	C	904	00008–00011
W612	A612J6	100	915	E18G24 3ORN	012	024	RC	A612TB2 –6	C	904	00012–00018
W612	A612J6	100	915	E18G24 3BLU	016	024	RB	A612TB2 –6	C	904	00019–00051
W612	A612J6	100	915	E18G24 3	016	024	GA	A612TB2 –6	C	904	00052–99999
W612	A612J6	101	915	E276E24 3	024	024	GA	A612TB2 –6	E	904	00008–00011
W612	A612J6	101	915	E276E24 3WHT	012	024	RC	A612TB2 –6	E	904	00012–00018
W612	A612J6	102	915	E1G24 3	024	024	GA	A612TB2 –6	L	904	00008–00011
W612	A612J6	102	915	E1G24 3ORN	012	024	RC	A612TB2 –6	L	904	00012–00018
W612	A612J6	102	915	E1G24 3WHT	016	024	RB	A612TB2 –6	E	904	00019–00051
W612	A612J6	102	915	E1G24 3	016	024	GA	A612TB2 –6	E	904	00052–99999

Table 74. W612 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W612	A612J6	103	915	E277E24 3	024	024	GA	A612TB2 –6	N	904	00008–00011
W612	A612J6	103	915	E277E24 3BLU	012	024	RC	A612TB2 –6	N	904	00012–00018
W612	A612J6	103	915	E277E24 3BLU	016	024	RB	A612TB2 –6	N	904	00019–00051
W612	A612J6	103	915	E277E24 3	016	024	GA	A612TB2 –6	N	904	00052–99999
W612	A612J6	104	915	L138B22 3	016	022	SY	A612J2	93	915	00015–99999
W612	A612J6	105	915	LVSCS27B22 3	016	022	SY	A612J2	95	915	00012–99999
W612	A612J6	106	915	LVSCS29B22 3	016	022	SY	A612J2	94	915	00012–99999
W612	A612J6	107	915	T124B24 3	016	024	GA	A612TB4 –5	N	904	00012–99999
W612	A612J6	108	915	T5C24 3	024	024	GA	A612J2	86	915	00012–00014
W612	A612J6	108	915	T5C24 3	016	024	GA	A612J3	20	915	00015–99999
W612	A612J6	109	915	RVSCS33B22 3	016	022	SY	A612TB3 –8	B	904	00012–00051
W612	A612J6	110	915	C41C22 3	016	022	SY	A612TB3 –9	N	904	00012–99999
W612	A612J6	111	915	C40C22 3	016	022	SY	A612TB3 –9	J	904	00012–99999
W612	A612J6	112	915	RVSCS45B22 3	016	022	SY	A612TB4 –4	M	904	00052–99999
W612	A612J6	114	915	C42C22 3	016	022	SY	A612TB4 –4	K	904	00052–99999
W612	A612J6	SH 1	833	E32J24 3	006	024	ZZ	A612J6	61	915	00012–00018
W612	A612J6	SH 1	833	E32K24 3	006	024	ZZ	A612J6	61	915	00019–00051
W612	A612J6	SH 2	833	E274D24 3	006	024	ZZ	A612J6	57	915	00012–00051
W612	A612J6	SH 3	830	E24E22 3	006	022	ZZ	A612J6	16	915	00012–00051
W612	A612J6	SH 4	830	E25G22 3	006	022	ZZ	A612J6	SH 5		00012–00051
W612	A612J6	SH 5	830	E25F22 3	006	022	ZZ	A612J6	9	915	00012–00051
W612	A612J6	SH 5		E25G22 3	006	022	ZZ	A612J6	SH 4	830	00012–00051
W612	A612J7	1	916	T101C22 3	016	022	SY	A612TB2 –3	W	904	00008–99999
W612	A612J7	2	916	T92C22 3	016	022	SY	A612TB2 –2	B	904	00008–99999
W612	A612J7	3	916	T93C22 3	016	022	SY	A612TB2 –2	F	904	00008–99999
W612	A612J7	4	916	T94C22 3	016	022	SY	A612TB2 –2	K	904	00008–99999
W612	A612J7	5	916	T95C22 3	016	022	SY	A612TB2 –2	P	904	00008–99999
W612	A612J7	6	916	T102C22 3	016	022	SY	A612TB2 –4	B	904	00008–99999
W612	A612J7	8	916	KT7016A22 3	016	022	SY	A612TB2 –10	B	905	00019–99999
W612	A612J7	9	916	T96C22 3	016	022	SY	A612TB2 –2	W	904	00008–99999
W612	A612J7	10	916	T97C22 3	016	022	SY	A612TB2 –3	B	904	00008–99999
W612	A612J7	11	916	T98C22 3	016	022	SY	A612TB2 –3	F	904	00008–99999
W612	A612J7	12	916	T100C22 3	016	022	SY	A612TB2 –3	P	904	00008–99999
W612	A612J7	13	916	T99C22 3	016	022	SY	A612TB2 –3	K	904	00008–99999
W612	A612J9	A	917	L86B20 3	016	020	SY	A612TB2 –9	A	905	00008–99999
W612	A612J9	B	917	L89C24 3	016	024	GA	A612TB2 –9	C	905	00008–99999
W612	A612J9	C	917	L91C24 3	016	024	GA	A612TB2 –9	B	905	00008–99999
W612	A612J9	D	917	T1K20 3	016	020	SY	A612TB2 –7	B	905	00008–99999
W612	A612J9	E	917	L95C24 3	016	024	GA	A612TB2 –9	E	905	00008–99999
W612	A612J9	F	917	L97C24 3	016	024	GA	A612TB2 –9	G	905	00008–99999
W612	A612J9	G	917	T1G20 3	016	020	SY	A612TB2 –7	A	905	00008–99999

Table 74. W612 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W612	A612J9	H	917	L55C22 3	016	022	SY	A612TB2 –9	F	905	00008–99999
W612	A612J9	J	917	ATTGYR2B22 3	016	022	SY	A612TB2 –9	L	905	00072–99999
W612	A612J9	J	917	L119C22 3	024	022	SY	A612TB3 –1	J	904	00008–00018
W612	A612J9	K	917	L111C22 3	016	022	SY	A612TB2 –8	B	905	00008–99999
W612	A612J9	L	917	T1J20 3	016	020	SY	A612J4	B	917	00008–99999
W612	A612J9	M	917	L115C22 3	016	022	SY	A612TB2 –8	F	905	00008–99999
W612	A612J9	N	917	L58C24 3	016	024	GA	A612TB2 –8	G	905	00008–99999
W612	A612J9	P	917	L38K22 3	016	022	SY	A612J5	E	917	00008–99999
W612	A612J9	R	917	L60D22 3	016	022	SY	A612J5	F	917	00008–99999
W612	A612J9	S	917	L61F22 3	016	022	SY	A612J5	G	917	00008–99999
W612	A612J9	T	917	L84B20 3	016	020	SY	A612TB2 –10	A	905	00008–99999
W612	A612J9	U	917	M6J20 3	016	020	SY	A612J4	C	917	00008–99999
W612	A612J9	V	917	M6D20 3	016	020	SY	A612J4	D	917	00008–99999
W612	A612J9	W	924	KX1652D16 3	024	016	SY	A612TB4 –2	F	906	00008–00009
W612	A612J9	X	917	L113C22 3	016	022	SY	A612TB2 –8	C	905	00008–99999
W612	A612J9	Y	917	L140A22 3	016	022	SY	A612TB1	7		00015–99999
W612	A612J9	Y	917	L140A22 3	024	022	SY	A612TB2 –9	M	905	00012–00014
W612	A612J9	Z	924	KY196A2D16 3	024	016	SY	A612TB4 –2	E	906	00008–00009
W612	A612TB1	1		E94A24 3	016	024	GA	A612TB1	3		00008–99999
W612	A612TB1	2		E92A24 3	016	024	GA	A612XK1 –3/4	X 2	952	00008–99999
W612	A612TB1	2		E92B24 3	016	024	GA	A612XK1 –3/4	A 1	952	00008–99999
W612	A612TB1	3		E94B24 3	016	024	GA	A612TB2 –5	L	904	00008–99999
W612	A612TB1	3		E94A24 3	016	024	GA	A612TB1	1		00008–99999
W612	A612TB1	4		E91A24 3	016	024	GA	A612XK1 –1/2	X 2	952	00008–99999
W612	A612TB1	4		E91B24 3	016	024	GA	A612XK1 –1/2	A 1	952	00008–99999
W612	A612TB1	5		AMS437A22 3	016	022	SY	A612TB3 –2	S	904	00015–99999
W612	A612TB1	7		L140A22 3	016	022	SY	A612J9	Y	917	00015–99999
W612	A612TB1	8		L141A22 3	016	022	SY	A612TB2 –10	D	905	00015–99999
W612	A612TB1	10		L142A22 3	016	022	SY	A612TB2 –9	M	905	00015–99999
W612	A612TB1	11		NACA14A22 3	016	022	SY	A612XK1 –6	X 2	952	00052–99999
W612	A612TB1	12		NACA14B22 3	016	022	SY	A612TB3 –3	Y	904	00052–99999
W612	A612TB2 –1	A	904	T118A24 3	016	024	GA	A612TB2 –1	N	904	00012–99999
W612	A612TB2 –1	C	904	T123A24 3	016	024	GA	A612TB2 –1	T	904	00012–99999
W612	A612TB2 –1	D	904	T108A24 3	016	024	GA	A612J3	92	915	00008–99999
W612	A612TB2 –1	H	904	T109A24 3	016	024	GA	A612J3	93	915	00008–99999
W612	A612TB2 –1	J	904	T122A24 3	016	024	GA	A612TB2 –1	R	904	00012–99999
W612	A612TB2 –1	M	904	T110A24 3	016	024	GA	A612J3	94	915	00008–99999
W612	A612TB2 –1	N	904	T118A24 3	016	024	GA	A612TB2 –1	A	904	00012–99999
W612	A612TB2 –1	P	904	T118B22 3	016	022	SY	A612TB4 –5	J	904	00015–99999
W612	A612TB2 –1	R	904	T122A24 3	016	024	GA	A612TB2 –1	J	904	00012–99999
W612	A612TB2 –1	T	904	T123A24 3	016	024	GA	A612TB2 –1	C	904	00012–99999

Table 74. W612 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W612	A612TB2 –1	Z	904	T111A24 3	016	024	GA	A612J1	97	915	00008–99999
W612	A612TB2 –10	A	905	L84B20 3	016	020	SY	A612J9	T	917	00008–99999
W612	A612TB2 –10	B	905	KT7016A22 3	016	022	SY	A612J7	8	916	00019–99999
W612	A612TB2 –10	D	905	L141A22 3	016	022	SY	A612TB1	8		00015–99999
W612	A612TB2 –2	A	904	T92D22 3	016	022	SY	A612J6	44	915	00008–99999
W612	A612TB2 –2	B	904	T92C22 3	016	022	SY	A612J7	2	916	00008–99999
W612	A612TB2 –2	C	904	T92B22 3	016	022	SY	A612J1	12	915	00008–99999
W612	A612TB2 –2	E	904	T93D22 3	016	022	SY	A612J6	45	915	00008–99999
W612	A612TB2 –2	F	904	T93C22 3	016	022	SY	A612J7	3	916	00008–99999
W612	A612TB2 –2	G	904	T93B22 3	016	022	SY	A612J1	13	915	00008–99999
W612	A612TB2 –2	J	904	T94D22 3	016	022	SY	A612J6	46	915	00008–99999
W612	A612TB2 –2	K	904	T94C22 3	016	022	SY	A612J7	4	916	00008–99999
W612	A612TB2 –2	L	904	T94B22 3	016	022	SY	A612J1	14	915	00008–99999
W612	A612TB2 –2	N	904	T95D22 3	016	022	SY	A612J6	47	915	00008–99999
W612	A612TB2 –2	P	904	T95C22 3	016	022	SY	A612J7	5	916	00008–99999
W612	A612TB2 –2	R	904	T95B22 3	016	022	SY	A612J1	15	915	00008–99999
W612	A612TB2 –2	T	904	T96D22 3	016	022	SY	A612J6	48	915	00008–99999
W612	A612TB2 –2	W	904	T96C22 3	016	022	SY	A612J7	9	916	00008–99999
W612	A612TB2 –2	Y	904	T96B22 3	016	022	SY	A612J1	16	915	00008–99999
W612	A612TB2 –3	A	904	T97D22 3	016	022	SY	A612J6	49	915	00008–99999
W612	A612TB2 –3	B	904	T97C22 3	016	022	SY	A612J7	10	916	00008–99999
W612	A612TB2 –3	C	904	T97B22 3	016	022	SY	A612J1	17	915	00008–99999
W612	A612TB2 –3	E	904	T98D22 3	016	022	SY	A612J6	50	915	00008–99999
W612	A612TB2 –3	F	904	T98C22 3	016	022	SY	A612J7	11	916	00008–99999
W612	A612TB2 –3	G	904	T98B22 3	016	022	SY	A612J1	100	915	00008–99999
W612	A612TB2 –3	J	904	T99D22 3	016	022	SY	A612J6	51	915	00008–99999
W612	A612TB2 –3	K	904	T99C22 3	016	022	SY	A612J7	13	916	00008–99999
W612	A612TB2 –3	L	904	T99B22 3	016	022	SY	A612J1	92	915	00008–99999
W612	A612TB2 –3	N	904	T100D22 3	016	022	SY	A612J6	52	915	00008–99999
W612	A612TB2 –3	P	904	T100C22 3	016	022	SY	A612J7	12	916	00008–99999
W612	A612TB2 –3	R	904	T100B22 3	016	022	SY	A612J1	93	915	00008–99999
W612	A612TB2 –3	T	904	T101D22 3	016	022	SY	A612J6	53	915	00008–99999
W612	A612TB2 –3	W	904	T101C22 3	016	022	SY	A612J7	1	916	00008–99999
W612	A612TB2 –3	Y	904	T101B22 3	016	022	SY	A612J1	101	915	00008–99999
W612	A612TB2 –4	A	904	T102D22 3	016	022	SY	A612J6	54	915	00008–99999
W612	A612TB2 –4	B	904	T102C22 3	016	022	SY	A612J7	6	916	00008–99999
W612	A612TB2 –4	C	904	T102B22 3	016	022	SY	A612J1	102	915	00008–99999
W612	A612TB2 –4	E	904	T117C24 3	016	024	GA	A612TB2 –4	J	904	00008–99999
W612	A612TB2 –4	H	904	T117D24 3	016	024	GA	A612J3	97	915	00008–99999
W612	A612TB2 –4	J	904	T117C24 3	016	024	GA	A612TB2 –4	E	904	00008–99999
W612	A612TB2 –4	M	904	T117B24 3	016	024	GA	A612J3	96	915	00008–99999

Table 74. W612 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W612	A612TB2 –4	N	904	NACA1C22 3	016	022	SY	A612J1	116	915	00052–99999
W612	A612TB2 –4	P	904	NACA2A22 3	016	022	SY	A612J1	117	915	00052–99999
W612	A612TB2 –4	S	904	NACA1E22 3	016	022	SY	A612TB2 –4	Z	904	00052–99999
W612	A612TB2 –4	T	904	NACA1D22 3	016	022	SY	A612XK1 –6	X 1	952	00052–99999
W612	A612TB2 –4	W	904	NACA17A22 3	016	022	SY	A612XK1 –6	A 3	952	00052–99999
W612	A612TB2 –4	Y	904	NACA16A22 3	016	022	SY	A612XK1 –6	B 1	952	00052–99999
W612	A612TB2 –4	Z	904	NACA1E22 3	016	022	SY	A612TB2 –4	S	904	00052–99999
W612	A612TB2 –5	A	904	E94F24 3	016	024	GA	A612J6	12	915	00008–00051
W612	A612TB2 –5	C	904	E98A24 3	016	024	GA	A612XK1 –5	X 2	952	00008–00051
W612	A612TB2 –5	D	904	E98B24 3	016	024	GA	A612J2	8	915	00008–00051
W612	A612TB2 –5	E	904	E140D24 3	016	024	GA	A612J6	10	915	00008–99999
W612	A612TB2 –5	F	904	E97A24 3	016	024	GA	A612XK1 –1/2	B 2	952	00008–99999
W612	A612TB2 –5	G	904	E97B24 3	016	024	GA	A612XK1 –3/4	B 2	952	00008–99999
W612	A612TB2 –5	H	904	E97C24 3	016	024	GA	A612J2	10	915	00008–99999
W612	A612TB2 –5	J	904	E98E24 3	016	024	GA	A612J6	7	915	00008–99999
W612	A612TB2 –5	L	904	E94B24 3	016	024	GA	A612TB1	3		00008–99999
W612	A612TB2 –5	M	904	E94C24 3	016	024	GA	A612J2	13	915	00008–99999
W612	A612TB2 –5	N	904	E29G24 3	024	024	GA	A612J6	88	915	00008–00011
W612	A612TB2 –5	N	904	E29G24 3WHT	012	024	RC	A612J6	88	915	00012–00018
W612	A612TB2 –5	N	904	E29G24 3WHT	016	024	RB	A612J6	88	915	00019–00051
W612	A612TB2 –5	N	904	E29G24 3	016	024	GA	A612J6	88	915	00052–99999
W612	A612TB2 –5	P	904	E29E24 3	024	024	GA	A612J2	55	915	00008–00011
W612	A612TB2 –5	P	904	E29E24 3WHT	012	024	RC	A612J2	55	915	00012–00018
W612	A612TB2 –5	P	904	E29E24 3WHT	016	024	RB	A612J2	55	915	00019–00051
W612	A612TB2 –5	P	904	E29E24 3	016	024	GA	A612J2	55	915	00052–99999
W612	A612TB2 –5	R	904	E29C24 3	024	024	GA	A612J3	42	915	00008–00011
W612	A612TB2 –5	R	904	E29C24 3WHT	012	024	RB	A612J3	42	915	00012–00018
W612	A612TB2 –5	R	904	E288A24 3	016	024	GA	A612XK1 –9	X 1	952	00019–99999
W612	A612TB2 –5	SH 1	833	E274J24 3	006	024	ZZ	A612TB2 –5	SH 2		00012–00018
W612	A612TB2 –5	SH 2	833	E274G24 3	006	024	ZZ	A612TB2 –6	SH 2		00012–00018
W612	A612TB2 –5	SH 2		E274J24 3	006	024	ZZ	A612TB2 –5	SH 1	833	00012–00018
W612	A612TB2 –5	SH 6	833	E274F24 3	006	024	ZZ	A612TB2 –6	SH 5		00012–00018
W612	A612TB2 –5	T	904	E30G24 3	024	024	GA	A612J6	89	915	00008–00011
W612	A612TB2 –5	T	904	E30G24 3BLU	012	024	RC	A612J6	89	915	00012–00018
W612	A612TB2 –5	T	904	E286A24 3	016	024	GA	A612XK1 –9	B 2	952	00019–99999
W612	A612TB2 –5	W	904	E30E24 3	024	024	GA	A612J2	56	915	00008–00011
W612	A612TB2 –5	W	904	E30E24 3BLU	012	024	RC	A612J2	56	915	00012–00018
W612	A612TB2 –5	W	904	E285A24 3	016	024	GA	A612XK1 –9	A 2	952	00019–99999
W612	A612TB2 –5	Y	904	E30C24 3	024	024	GA	A612J3	43	915	00008–00011
W612	A612TB2 –5	Y	904	E30C24 3BLU	012	024	RB	A612J3	43	915	00012–00018
W612	A612TB2 –5	Z	904	E287A24 3	016	024	GA	A612TB2 –6	M	904	00019–99999

Table 74. W612 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W612	A612TB2 –6	A	904	E18E24 3	024	024	GA	A612J6	1	915	00008–00011
W612	A612TB2 –6	A	904	E18E22 3	012	022	SH	A612J6	1	915	00012–00018
W612	A612TB2 –6	A	904	E294A24 3	016	024	GA	A612TB2 –7	D	905	00019–99999
W612	A612TB2 –6	B	904	E18F24 3	024	024	GA	A612J3	36	915	00008–00011
W612	A612TB2 –6	B	904	E18F22 3	012	022	SH	A612J3	36	915	00012–00018
W612	A612TB2 –6	B	904	E293A24 3	016	024	GA	A612TB2 –6	F	904	00019–99999
W612	A612TB2 –6	C	904	E18G24 3	024	024	GA	A612J6	100	915	00008–00011
W612	A612TB2 –6	C	904	E18G24 3BLU	016	024	RB	A612J6	100	915	00019–00051
W612	A612TB2 –6	C	904	E18G24 3	016	024	GA	A612J6	100	915	00052–99999
W612	A612TB2 –6	C	904	E18G24 3ORN	012	024	RC	A612J6	100	915	00012–00018
W612	A612TB2 –6	D	904	E18J24 3	024	024	GA	A612J2	54	915	00008–00011
W612	A612TB2 –6	D	904	E18J24 3ORN	012	024	RC	A612J2	54	915	00012–00018
W612	A612TB2 –6	D	904	E18J24 3BLU	016	024	RB	A612J2	54	915	00019–00051
W612	A612TB2 –6	D	904	E18J24 3	016	024	GA	A612J2	54	915	00052–99999
W612	A612TB2 –6	E	904	E276E24 3	024	024	GA	A612J6	101	915	00008–00011
W612	A612TB2 –6	E	904	E276E24 3WHT	012	024	RC	A612J6	101	915	00012–00018
W612	A612TB2 –6	E	904	E1G24 3WHT	016	024	RB	A612J6	102	915	00019–00051
W612	A612TB2 –6	E	904	E1G24 3	016	024	GA	A612J6	102	915	00052–99999
W612	A612TB2 –6	F	904	E276C24 3	024	024	GA	A612J2	50	915	00008–00011
W612	A612TB2 –6	F	904	E276C24 3WHT	012	024	RC	A612J2	50	915	00012–00018
W612	A612TB2 –6	F	904	E293A24 3	016	024	GA	A612TB2 –6	B	904	00019–99999
W612	A612TB2 –6	G	904	E276B24 3	024	024	GA	A612J1	43	915	00008–00011
W612	A612TB2 –6	G	904	E276B24 3WHT	012	024	RB	A612J1	43	915	00012–00018
W612	A612TB2 –6	H	904	E1J24 3WHT	016	024	RB	A612J2	51	915	00019–00051
W612	A612TB2 –6	H	904	E1J24 3	016	024	GA	A612J2	51	915	00052–99999
W612	A612TB2 –6	J	904	E1E24 3	024	024	GA	A612J2	1	915	00008–00011
W612	A612TB2 –6	J	904	E1E24 3	012	024	RA	A612J2	1	915	00012–00018
W612	A612TB2 –6	J	904	E284A22N 3	016	022	SY	A612E1		102	00019–99999
W612	A612TB2 –6	K	904	E1F24 3	024	024	GA	A612J1	37	915	00008–00011
W612	A612TB2 –6	K	904	E1F24 3	012	024	RA	A612J1	37	915	00012–00018
W612	A612TB2 –6	K	904	E292A24 3	016	024	GA	A612XK1 –10	A 2	952	00019–99999
W612	A612TB2 –6	L	904	E1G24 3	024	024	GA	A612J6	102	915	00008–00011
W612	A612TB2 –6	L	904	E291A24 3	016	024	GA	A612XK1 –10	B 2	952	00019–99999
W612	A612TB2 –6	L	904	E1G24 3ORN	012	024	RC	A612J6	102	915	00012–00018
W612	A612TB2 –6	M	904	E1J24 3	024	024	GA	A612J2	51	915	00008–00011
W612	A612TB2 –6	M	904	E1J24 3ORN	012	024	RC	A612J2	51	915	00012–00018
W612	A612TB2 –6	M	904	E287A24 3	016	024	GA	A612TB2 –5	Z	904	00019–99999
W612	A612TB2 –6	N	904	E277E24 3	024	024	GA	A612J6	103	915	00008–00011
W612	A612TB2 –6	N	904	E277E24 3BLU	012	024	RC	A612J6	103	915	00012–00018
W612	A612TB2 –6	N	904	E277E24 3BLU	016	024	RB	A612J6	103	915	00019–00051
W612	A612TB2 –6	N	904	E277E24 3	016	024	GA	A612J6	103	915	00052–99999

Table 74. W612 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W612	A612TB2 –6	P	904	E277C24 3	024	024	GA	A612J2	52	915	00008–00011
W612	A612TB2 –6	P	904	E277C24 3BLU	012	024	RC	A612J2	52	915	00012–00018
W612	A612TB2 –6	P	904	E277C24 3BLU	016	024	RB	A612J2	52	915	00019–00051
W612	A612TB2 –6	P	904	E277C24 3	016	024	GA	A612J2	52	915	00052–99999
W612	A612TB2 –6	R	904	E277B24 3	024	024	GA	A612J1	44	915	00008–00011
W612	A612TB2 –6	R	904	E277B24 3BLU	012	024	RB	A612J1	44	915	00012–00018
W612	A612TB2 –6	R	904	E290A24 3	016	024	GA	A612XK1 –10	X 1	952	00019–99999
W612	A612TB2 –6	SH 1	833	E32D24 3	006	024	ZZ	A612TB2 –6	SH 2		00012–00051
W612	A612TB2 –6	SH 2	833	E32E24 3	006	024	ZZ	A612TB2 –6	SH 3		00012–00051
W612	A612TB2 –6	SH 2		E274G24 3	006	024	ZZ	A612TB2 –5	SH 2	833	00012–00018
W612	A612TB2 –6	SH 2		E32D24 3	006	024	ZZ	A612TB2 –6	SH 1	833	00012–00051
W612	A612TB2 –6	SH 3	833	E32F24 3	006	024	ZZ	A612TB2 –6	SH 4		00012–00051
W612	A612TB2 –6	SH 3		E32E24 3	006	024	ZZ	A612TB2 –6	SH 2	833	00012–00051
W612	A612TB2 –6	SH 4	833	E32G24 3	006	024	ZZ	A612TB2 –6	SH 5		00019–00051
W612	A612TB2 –6	SH 4	833	E32G24 3	006	024	ZZ	A612TB2 –6	SH 5	818	00012–00018
W612	A612TB2 –6	SH 4		E32F24 3	006	024	ZZ	A612TB2 –6	SH 3	833	00012–00051
W612	A612TB2 –6	SH 4	818	E274E24 3	006	024	ZZ	A612TB2 –6	SH 5	833	00012–00018
W612	A612TB2 –6	SH 5	833	E274E24 3	006	024	ZZ	A612TB2 –6	SH 4	818	00012–00018
W612	A612TB2 –6	SH 5	833	E32J24 3	006	024	ZZ	A612TB2 –6	SH 6	818	00019–00051
W612	A612TB2 –6	SH 5		E274F24 3	006	024	ZZ	A612TB2 –5	SH 6	833	00012–00018
W612	A612TB2 –6	SH 5		E32G24 3	006	024	ZZ	A612TB2 –6	SH 4	833	00019–00051
W612	A612TB2 –6	SH 5	818	E32G24 3	006	024	ZZ	A612TB2 –6	SH 4	833	00012–00018
W612	A612TB2 –6	SH 6	818	E32J24 3	006	024	ZZ	A612TB2 –6	SH 5	833	00019–00051
W612	A612TB2 –6	T	904	E280C22 3	024	022	SY	A612J6	19	915	00012–00018
W612	A612TB2 –6	Z	904	E280E22 3	024	022	SY	A612J2	12	915	00012–00018
W612	A612TB2 –6	Z	904	E280B24 3	016	024	GA	A612J1	18	915	00012–99999
W612	A612TB2 –7	A	905	T1G20 3	016	020	SY	A612J9	G	917	00008–99999
W612	A612TB2 –7	B	905	T1K20 3	016	020	SY	A612J9	D	917	00008–99999
W612	A612TB2 –7	C	905	T1H20 3	016	020	SY	A612J4	A	917	00008–99999
W612	A612TB2 –7	D	905	E294A24 3	016	024	GA	A612TB2 –6	A	904	00019–99999
W612	A612TB2 –7	E	905	T6A22 3	016	022	SY	A612J1	114	915	00035–99999
W612	A612TB2 –7	F	905	T6D22 3	016	022	SY	A612J1	115	915	00035–99999
W612	A612TB2 –8	A	905	L85B20 3	016	020	SY	A612J5	A	917	00008–99999
W612	A612TB2 –8	B	905	L111C22 3	016	022	SY	A612J9	K	917	00008–99999
W612	A612TB2 –8	C	905	L113C22 3	016	022	SY	A612J9	X	917	00008–99999
W612	A612TB2 –8	D	905	L130C24 3	016	024	GA	A612J5	C	917	00008–99999
W612	A612TB2 –8	E	905	L117C22 3	016	022	SY	A612J5	B	917	00008–99999
W612	A612TB2 –8	F	905	L115C22 3	016	022	SY	A612J9	M	917	00008–99999
W612	A612TB2 –8	G	905	L58C24 3	016	024	GA	A612J9	N	917	00008–99999
W612	A612TB2 –8	J	905	L143C22 3	016	022	SY	A612J1	6	915	00052–99999
W612	A612TB2 –9	A	905	L86B20 3	016	020	SY	A612J9	A	917	00008–99999

Table 74. W612 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W612	A612TB2 –9	B	905	L91C24 3	016	024	GA	A612J9	C	917	00008–99999
W612	A612TB2 –9	C	905	L89C24 3	016	024	GA	A612J9	B	917	00008–99999
W612	A612TB2 –9	E	905	L95C24 3	016	024	GA	A612J9	E	917	00008–99999
W612	A612TB2 –9	F	905	L55C22 3	016	022	SY	A612J9	H	917	00008–99999
W612	A612TB2 –9	G	905	L97C24 3	016	024	GA	A612J9	F	917	00008–99999
W612	A612TB2 –9	L	905	ATTGYR2B22 3	016	022	SY	A612J9	J	917	00072–99999
W612	A612TB2 –9	M	905	L140A22 3	024	022	SY	A612J9	Y	917	00012–00014
W612	A612TB2 –9	M	905	L142A22 3	016	022	SY	A612TB1	10		00015–99999
W612	A612TB3 –1	A	904	L47B24 3	016	024	GA	A612J1	58	915	00008–00051
W612	A612TB3 –1	B	904	L101C24 3	016	024	GA	A612J6	92	915	00008–99999
W612	A612TB3 –1	C	904	L121C24 3	024	024	GA	A612J6	69	915	00008–00018
W612	A612TB3 –1	E	904	L45B24 3	016	024	GA	A612J3	35	915	00008–00051
W612	A612TB3 –1	F	904	L102C24 3	016	024	GA	A612J6	93	915	00008–99999
W612	A612TB3 –1	G	904	L122C24 3	024	024	GA	A612J6	70	915	00008–00018
W612	A612TB3 –1	J	904	L119C22 3	024	022	SY	A612J9	J	917	00008–00018
W612	A612TB3 –1	K	904	L103G24 3	016	024	GA	A612J6	94	915	00008–99999
W612	A612TB3 –1	L	904	L123G24 3	024	024	GA	A612J6	71	915	00008–00018
W612	A612TB3 –10	A	904	C9C22 3ORN	016	022	SE	A612J6	38	915	00008–99999
W612	A612TB3 –10	B	904	C9G22 3WHT	016	022	SB	A612J6	31	915	00008–99999
W612	A612TB3 –10	D	904	C9D22 3ORN	016	022	SE	A612J2	28	915	00008–99999
W612	A612TB3 –10	E	904	C10C22 3RED	016	022	SE	A612J6	39	915	00008–99999
W612	A612TB3 –10	F	904	C10G22 3BLU	019	022	SB	A612J6	33	915	00008–99999
W612	A612TB3 –10	H	904	C10D22 3RED	016	022	SE	A612J2	29	915	00008–99999
W612	A612TB3 –10	J	904	C1D22 3WHT	016	022	SE	A612J6	40	915	00008–99999
W612	A612TB3 –10	K	904	C1C22 3	016	022	SY	A612J6	35	915	00008–99999
W612	A612TB3 –10	M	904	C1G22 3WHT	016	022	SE	A612J2	30	915	00008–99999
W612	A612TB3 –10	N	904	C11C22 3BLU	016	022	SE	A612J6	41	915	00008–99999
W612	A612TB3 –10	P	904	C11G22 3BLU	016	022	SB	A612J6	32	915	00008–99999
W612	A612TB3 –10	S	904	C11D22 3BLU	016	022	SE	A612J2	31	915	00008–99999
W612	A612TB3 –10	T	904	C12C22 3GRN	016	022	SE	A612J6	42	915	00008–99999
W612	A612TB3 –10	W	904	C12G22 3WHT	016	022	SB	A612J6	34	915	00008–99999
W612	A612TB3 –10	Z	904	C12D22 3GRN	016	022	SE	A612J2	32	915	00008–99999
W612	A612TB3 –2	A	904	L44B24 3	016	024	GA	A612J3	32	915	00008–00051
W612	A612TB3 –2	B	904	L105C24 3	016	024	GA	A612J6	66	915	00008–99999
W612	A612TB3 –2	C	904	L126C24 3	024	024	GA	A612J6	72	915	00008–00018
W612	A612TB3 –2	E	904	L48B24 3	016	024	GA	A612J1	59	915	00008–00051
W612	A612TB3 –2	F	904	L106C24 3	016	024	GA	A612J6	67	915	00008–99999
W612	A612TB3 –2	G	904	L127C24 3	024	024	GA	A612J6	73	915	00008–00018
W612	A612TB3 –2	J	904	L120C22 3	024	022	SY	A612J5	D	917	00008–00018
W612	A612TB3 –2	K	904	L107G24 3	016	024	GA	A612J6	68	915	00008–99999
W612	A612TB3 –2	L	904	L128G24 3	024	024	GA	A612J6	74	915	00008–00018

Table 74. W612 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W612	A612TB3 –2	S	904	AMS437A22 3	016	022	SY	A612TB1	5		00015–99999
W612	A612TB3 –3	A	904	R4B22 6WHT	024	022	SB	A612J2	60	915	00008–00011
W612	A612TB3 –3	E	904	R5B22 6BLU	024	022	SB	A612J2	61	915	00008–00011
W612	A612TB3 –3	J	904	R6B22 6WHT	024	022	SB	A612J2	62	915	00008–00011
W612	A612TB3 –3	N	904	R7B22 6BLU	024	022	SB	A612J2	63	915	00008–00011
W612	A612TB3 –3	T	904	T107C24 3	016	024	GA	A612J6	76	915	00052–99999
W612	A612TB3 –3	W	904	T107D24 3	016	024	GA	A612J1	96	915	00052–99999
W612	A612TB3 –3	Y	904	NACA14B22 3	016	022	SY	A612TB1	12		00052–99999
W612	A612TB3 –4	A	904	R10B24 3	024	024	GA	A612J2	64	915	00008–00011
W612	A612TB3 –4	B	904	R25C24 3	024	024	GA	A612J2	20	915	00008–00011
W612	A612TB3 –4	E	904	R11A24 3	024	024	GA	A612J2	65	915	00008–00011
W612	A612TB3 –4	F	904	R22C24 3	024	024	GA	A612J2	21	915	00008–00011
W612	A612TB3 –4	N	904	R18B24 3	024	024	GA	A612J2	78	915	00008–00011
W612	A612TB3 –4	N	904	NACA7D22 3	016	022	SY	A612J3	8	915	00052–99999
W612	A612TB3 –4	P	904	NACA7C22 3	016	022	SY	A612J1	108	915	00052–99999
W612	A612TB3 –4	T	904	R19B24 3	024	024	GA	A612J2	79	915	00008–00011
W612	A612TB3 –4	T	904	NACA11D22 3	016	022	SY	A612J3	9	915	00052–99999
W612	A612TB3 –4	W	904	NACA11C22 3	016	022	SY	A612J1	109	915	00052–99999
W612	A612TB3 –5	A	904	R8B22 6WHT	024	022	SB	A612J2	66	915	00008–00011
W612	A612TB3 –5	B	904	R8C22 6WHT	024	022	SB	A612J2	70	915	00008–00011
W612	A612TB3 –5	E	904	R9B22 6BLU	024	022	SB	A612J2	67	915	00008–00011
W612	A612TB3 –5	F	904	R9C22 6BLU	024	022	SB	A612J2	71	915	00008–00011
W612	A612TB3 –5	J	904	R12B22 6WHT	024	022	SB	A612J2	68	915	00008–00011
W612	A612TB3 –5	K	904	R12C22 6WHT	024	022	SB	A612J2	72	915	00008–00011
W612	A612TB3 –5	N	904	R13B22 6BLU	024	022	SB	A612J2	69	915	00008–00011
W612	A612TB3 –5	P	904	R13C22 6BLU	024	022	SB	A612J2	73	915	00008–00011
W612	A612TB3 –6	A	904	R14B22 6WHT	024	022	SB	A612J2	74	915	00008–00011
W612	A612TB3 –6	E	904	R15B22 6BLU	024	022	SB	A612J2	75	915	00008–00011
W612	A612TB3 –6	J	904	R16B22 6WHT	024	022	SB	A612J2	76	915	00008–00011
W612	A612TB3 –6	N	904	R17B22 6BLU	024	022	SB	A612J2	77	915	00008–00011
W612	A612TB3 –7	A	904	R1B22 4WHT	024	022	SB	A612J3	8	915	00008–00011
W612	A612TB3 –7	E	904	R2B22 4BLU	024	022	SB	A612J3	9	915	00008–00011
W612	A612TB3 –7	T	904	R20C22 3	024	022	SY	A612J2	19	915	00008–00011
W612	A612TB3 –7	W	904	R20E22 3	024	022	SY	A612TB4 –3	Y	904	00008–00011
W612	A612TB3 –7	Y	904	R20D22 3	024	022	SY	A612TB4 –4	Y	904	00008–00011
W612	A612TB3 –8	A	904	R28C24 3	024	024	GA	A612J6	17	915	00008–00011
W612	A612TB3 –8	A	904	H27C22 3	016	022	SY	A612J6	63	915	00012–00051
W612	A612TB3 –8	A	904	H27C22 3	016	022	SY	A612J6	63	915	00052–99999
W612	A612TB3 –8	B	904	RVSCS33B22 3	016	022	SY	A612J6	109	915	00012–00051
W612	A612TB3 –8	C	904	LVSCS33B22 3	016	022	SY	A612J2	58	915	00012–00051
W612	A612TB3 –8	D	904	H27D22 3	016	022	SY	A612J3	76	915	00012–99999

Table 74. W612 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W612	A612TB3 –8	E	904	R31C24 3	024	024	GA	A612J6	20	915	00008–00011
W612	A612TB3 –9	A	904	C3C22 3	016	022	SY	A612J6	36	915	00008–99999
W612	A612TB3 –9	B	904	C41E22 3	016	022	SY	A612TB3 –9	P	904	00012–99999
W612	A612TB3 –9	C	904	C3B22 3	016	022	SY	A612J3	27	915	00008–99999
W612	A612TB3 –9	D	904	C3F22 3	016	022	SY	A612J2	26	915	00008–99999
W612	A612TB3 –9	E	904	C2D22 3	016	022	SY	A612J6	37	915	00008–99999
W612	A612TB3 –9	F	904	C40E22 3	016	022	SY	A612TB3 –9	K	904	00012–99999
W612	A612TB3 –9	G	904	C2C22 3	016	022	SY	A612J6	29	915	00008–99999
W612	A612TB3 –9	H	904	C2G22 3	016	022	SY	A612J2	27	915	00008–99999
W612	A612TB3 –9	J	904	C40C22 3	016	022	SY	A612J6	111	915	00012–99999
W612	A612TB3 –9	K	904	C40E22 3	016	022	SY	A612TB3 –9	F	904	00012–99999
W612	A612TB3 –9	M	904	C40B22 3	012	022	SY	A612J2	9	915	00012–00014
W612	A612TB3 –9	N	904	C41C22 3	016	022	SY	A612J6	110	915	00012–99999
W612	A612TB3 –9	P	904	C41E22 3	016	022	SY	A612TB3 –9	B	904	00012–99999
W612	A612TB3 –9	S	904	C41B22 3	012	022	SY	A612J2	11	915	00012–00014
W612	A612TB4 –1	A	904	KRA4053C22 2	024	022	SY	A612J2	25	915	00008–00009
W612	A612TB4 –1	E	904	KT702C22 3	024	022	SY	A612J2	57	915	00008–00009
W612	A612TB4 –1	J	904	ATTGYR1C22 3	024	022	SY	A612J6	9	915	00008–00009
W612	A612TB4 –2	E	906	KY196A2D16 3	024	016	SY	A612J9	Z	924	00008–00009
W612	A612TB4 –2	F	906	KX1652D16 3	024	016	SY	A612J9	W	924	00008–00009
W612	A612TB4 –3	A	904	R45C22 3	024	022	SY	A612J6	59	915	00008–00011
W612	A612TB4 –3	B	904	R37D22 3	024	022	SY	A612TB4 –3	G	904	00008–00011
W612	A612TB4 –3	C	904	R45B22 3	024	022	SY	A612J6	58	915	00008–00011
W612	A612TB4 –3	D	904	R45E22 3	024	022	SY	A612J2	90	915	00008–00011
W612	A612TB4 –3	E	904	R37F22 3	024	022	SY	A612J6	8	915	00008–00011
W612	A612TB4 –3	G	904	R37D22 3	024	022	SY	A612TB4 –3	B	904	00008–00011
W612	A612TB4 –3	H	904	R37C22 3	024	022	SY	A612J2	91	915	00008–00011
W612	A612TB4 –3	J	904	R38D22 3	024	022	SY	A612J6	11	915	00008–00011
W612	A612TB4 –3	M	904	R38C22 3	024	022	SY	A612J2	87	915	00008–00011
W612	A612TB4 –3	N	904	R43D22 3	024	022	SY	A612J6	21	915	00008–00011
W612	A612TB4 –3	S	904	R43C22 3	024	022	SY	A612J2	88	915	00008–00011
W612	A612TB4 –3	T	904	R44D22 3	024	022	SY	A612J6	27	915	00008–00011
W612	A612TB4 –3	Y	904	R20E22 3	024	022	SY	A612TB3 –7	W	904	00008–00011
W612	A612TB4 –3	Z	904	R44C22 3	024	022	SY	A612J2	89	915	00008–00011
W612	A612TB4 –4	A	904	R50C22 3	024	022	SY	A612J6	97	915	00008–00011
W612	A612TB4 –4	D	904	R50B22 3	024	022	SY	A612J2	84	915	00008–00011
W612	A612TB4 –4	E	904	R46D22 3	024	022	SY	A612J6	78	915	00008–00011
W612	A612TB4 –4	G	904	R46C22 3	024	022	SY	A612TB4 –4	P	904	00008–00011
W612	A612TB4 –4	H	904	R46B22 3	024	022	SY	A612J2	80	915	00008–00011
W612	A612TB4 –4	J	904	R47C22 3	024	022	SY	A612J6	79	915	00008–00011
W612	A612TB4 –4	J	904	C42D22 3	016	022	SY	A612J2	64	915	00052–99999

Table 74. W612 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W612	A612TB4 –4	K	904	C42C22 3	016	022	SY	A612J6	114	915	00052–99999
W612	A612TB4 –4	L	904	LVSCS45B22 3	016	022	SY	A612J2	62	915	00052–99999
W612	A612TB4 –4	M	904	R47B22 3	024	022	SY	A612J2	81	915	00008–00011
W612	A612TB4 –4	M	904	RVSCS45B22 3	016	022	SY	A612J6	112	915	00052–99999
W612	A612TB4 –4	N	904	R48E22 3	024	022	SY	A612J6	95	915	00008–00011
W612	A612TB4 –4	P	904	R46C22 3	024	022	SY	A612TB4 –4	G	904	00008–00011
W612	A612TB4 –4	R	904	R48C22 3	024	022	SY	A612J2	85	915	00008–00011
W612	A612TB4 –4	S	904	R48B22 3	024	022	SY	A612J2	82	915	00008–00011
W612	A612TB4 –4	T	904	R49C22 3	024	022	SY	A612J6	96	915	00008–00011
W612	A612TB4 –4	Y	904	R20D22 3	024	022	SY	A612TB3 –7	Y	904	00008–00011
W612	A612TB4 –4	Z	904	R49B22 3	024	022	SY	A612J2	83	915	00008–00011
W612	A612TB4 –5	A	904	M20A22 3	016	022	SY	A612J3	105	915	00008–99999
W612	A612TB4 –5	B	904	M20C22 3	016	022	SY	A612J5	P	917	00008–99999
W612	A612TB4 –5	C	904	M20D22 3	016	022	SY	A612J5	R	917	00008–99999
W612	A612TB4 –5	D	904	M20E22 3	016	022	SY	A612J6	90	915	00008–99999
W612	A612TB4 –5	E	904	M24F22 3	016	022	SY	A612J6	91	915	00008–99999
W612	A612TB4 –5	F	904	M24G22 3	016	022	SY	A612J5	S	917	00008–99999
W612	A612TB4 –5	G	904	M24D22 3	016	022	SY	A612J5	T	917	00008–99999
W612	A612TB4 –5	J	904	T118B22 3	016	022	SY	A612TB2 –1	P	904	00015–99999
W612	A612TB4 –5	M	904	T119A24 3	016	024	GA	A612J1	19	915	00012–99999
W612	A612TB4 –5	N	904	T124B24 3	016	024	GA	A612J6	107	915	00012–99999
W612	A612TB4 –5	S	904	T120A24 3	016	024	GA	A612J3	106	915	00012–99999
W612	A612TB4 –5	T	904	T125B24 3	016	024	GA	A612J2	92	915	00012–99999
W612	A612TB4 –5	Z	904	T121A24 3	016	024	GA	A612J3	107	915	00012–99999
W612	A612XK1 –1/2	A 1	952	E91B24 3	016	024	GA	A612TB1	4		00008–99999
W612	A612XK1 –1/2	A 2	952	E93A24 3	016	024	GA	A612J3	50	915	00008–99999
W612	A612XK1 –1/2	B 2	952	E97A24 3	016	024	GA	A612TB2 –5	F	904	00008–99999
W612	A612XK1 –1/2	B 3	952	E85B24 3	016	024	GA	A612J3	57	915	00008–99999
W612	A612XK1 –1/2	C 2	952	E84B24 3	016	024	GA	A612J3	54	915	00008–99999
W612	A612XK1 –1/2	C 3	952	E65C24 3	016	024	GA	A612J2	7	915	00008–99999
W612	A612XK1 –1/2	X 1	952	E86B24 3	016	024	GA	A612J3	58	915	00008–99999
W612	A612XK1 –1/2	X 2	952	E91A24 3	016	024	GA	A612TB1	4		00008–99999
W612	A612XK1 –10	A 1	952	E277B24 3BLU	016	024	RB	A612J1	44	915	00019–00051
W612	A612XK1 –10	A 1	952	E277B24 3	016	024	GA	A612J1	44	915	00052–99999
W612	A612XK1 –10	A 2	952	E292A24 3	016	024	GA	A612TB2 –6	K	904	00019–99999
W612	A612XK1 –10	A 3	952	E289A24 3	016	024	GA	A612XK1 –9	X 2	952	00019–99999
W612	A612XK1 –10	B 1	952	E30C24 3	016	024	GA	A612J3	43	915	00052–99999
W612	A612XK1 –10	B 1	952	E30C24 3BLU	016	024	RB	A612J3	43	915	00019–00051
W612	A612XK1 –10	B 2	952	E291A24 3	016	024	GA	A612TB2 –6	L	904	00019–99999
W612	A612XK1 –10	X 1	952	E290A24 3	016	024	GA	A612TB2 –6	R	904	00019–99999
W612	A612XK1 –10	X 2	952	E295A24 3	016	024	GA	A612XK1 –9	A 3	952	00019–99999

Table 74. W612 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W612	A612XK1 –3/4	A 1	952	E92B24 3	016	024	GA	A612TB1	2		00008–99999
W612	A612XK1 –3/4	A 2	952	E95A24 3	016	024	GA	A612J3	49	915	00008–99999
W612	A612XK1 –3/4	B 2	952	E97B24 3	016	024	GA	A612TB2 –5	G	904	00008–99999
W612	A612XK1 –3/4	B 3	952	E82B24 3	016	024	GA	A612J3	51	915	00008–99999
W612	A612XK1 –3/4	C 2	952	E61B24 3	016	024	GA	A612J3	48	915	00008–99999
W612	A612XK1 –3/4	C 3	952	E66C24 3	016	024	GA	A612J6	30	915	00008–99999
W612	A612XK1 –3/4	X 1	952	E83B24 3	016	024	GA	A612J3	53	915	00008–99999
W612	A612XK1 –3/4	X 2	952	E92A24 3	016	024	GA	A612TB1	2		00008–99999
W612	A612XK1 –5	A 1	952	E68E22 3	016	022	SY	A612XK1 –5 SP1			00008–00051
W612	A612XK1 –5	A 2	952	E79B22 3	016	022	SY	A612J3	46	915	00008–00051
W612	A612XK1 –5	X 1	952	E68D22 3	016	022	SY	A612XK1 –5 SP1			00008–00051
W612	A612XK1 –5	X 2	952	E98A24 3	016	024	GA	A612TB2 –5	C	904	00008–00051
W612	A612XK1 –5 SP1			E68C22 3	016	022	SY	A612J3	47	915	00008–00051
W612	A612XK1 –5 SP1			E68E22 3	016	022	SY	A612XK1 –5	A 1	952	00008–00051
W612	A612XK1 –5 SP1			E68D22 3	016	022	SY	A612XK1 –5	X 1	952	00008–00051
W612	A612XK1 –6	A 1	952	NACA18A22N 3	016	022	SY	A612E1		102	00052–99999
W612	A612XK1 –6	A 2	952	NACA3A22 3	016	022	SY	A612J1	118	915	00052–99999
W612	A612XK1 –6	A 3	952	NACA17A22 3	016	022	SY	A612TB2 –4	W	904	00052–99999
W612	A612XK1 –6	B 1	952	NACA16A22 3	016	022	SY	A612TB2 –4	Y	904	00052–99999
W612	A612XK1 –6	B 2	952	NACA15A22 3	016	022	SY	A612J1	119	915	00052–99999
W612	A612XK1 –6	B 3	952	NACA20A22N 3	016	022	SY	A612E1		102	00052–99999
W612	A612XK1 –6	X 1	952	NACA1D22 3	016	022	SY	A612TB2 –4	T	904	00052–99999
W612	A612XK1 –6	X 2	952	NACA14A22 3	016	022	SY	A612TB1	11		00052–99999
W612	A612XK1 –7/8	B 1	952	C19A22 3	024	022	SY	A612J6	86	915	00008–00014
W612	A612XK1 –7/8	B 1	952	C20E22 3	016	022	SY	A612J6	84	915	00015–99999
W612	A612XK1 –7/8	B 2	952	C18C22 3	024	022	SY	A612J6	87	915	00008–00014
W612	A612XK1 –7/8	B 2	952	C18C22 3	016	022	SY	A612J1	83	915	00015–99999
W612	A612XK1 –7/8	X 1	952	P103C24 3	016	024	GA	A612J6	62	915	00008–99999
W612	A612XK1 –7/8	X 2	952	P109A24 3	016	024	GA	A612J1	79	915	00008–99999
W612	A612XK1 –9	A 1	952	E276B24 3WHT	016	024	RB	A612J1	43	915	00019–00051
W612	A612XK1 –9	A 1	952	E276B24 3	016	024	GA	A612J1	43	915	00052–99999
W612	A612XK1 –9	A 2	952	E285A24 3	016	024	GA	A612TB2 –5	W	904	00019–99999
W612	A612XK1 –9	A 3	952	E295A24 3	016	024	GA	A612XK1 –10	X 2	952	00019–99999
W612	A612XK1 –9	B 1	952	E29C24 3WHT	016	024	RB	A612J3	42	915	00019–00051
W612	A612XK1 –9	B 1	952	E29C24 3	016	024	GA	A612J3	42	915	00052–99999
W612	A612XK1 –9	B 2	952	E286A24 3	016	024	GA	A612TB2 –5	T	904	00019–99999
W612	A612XK1 –9	X 1	952	E288A24 3	016	024	GA	A612TB2 –5	R	904	00019–99999
W612	A612XK1 –9	X 2	952	E289A24 3	016	024	GA	A612XK1 –10	A 3	952	00019–99999

Table 75. W620 Wire List

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W620	A620CB1	2	126	Q7A22 3	040	022	SY	J2	6	916	00008–99999
W620	A620CB11	2	126	E70A22 3	040	022	SY	J4	D	918	00008–99999
W620	A620CB11	2		E108A22 3	040	022	SY	XK8 –9	X 1	952	00008–99999
W620	A620CB12	2	126	E107A22 3	040	022	SY	XK8 –10	X 1	952	00008–99999
W620	A620CB12	2		E69A22 3	060	022	SY	J3	8	916	00008–00009
W620	A620CB12	2		E69A22 3	040	022	SY	J3	H	918	00010–99999
W620	A620CB13	2	126	E68A22 3	040	022	SY	J4	A	918	00008–00051
W620	A620CB14	2	126	E78A22 3	040	022	SY	J4	B	918	00008–99999
W620	A620CB15	1	261	P121C12 3	040	012	SY	A620W8 –TB1	C	938	00008–99999
W620	A620CB15	2	126	E77A22 3	060	022	SY	J3	7	916	00008–00009
W620	A620CB15	2	126	E77A22 3	040	022	SY	J3	G	918	00010–99999
W620	A620CB17	2	126	H1A22 3	040	022	SY	TB1 –5	F	904	00008–99999
W620	A620CB18	1	126	P124A20 3	040	020	SY	XK9 –3/4	X 1	952	00008–99999
W620	A620CB18	2	261	H7A12 3	040	012	SY	J8	C	923	00008–99999
W620	A620CB19	1	261	P119A10 3	040	010	SY	A620W7	1	114	00008–99999
W620	A620CB19	2	261	H5A12 3	040	012	SY	J8	A	923	00008–99999
W620	A620CB2	2		E72A22 3	060	022	SY	J4	F	918	00008–00011
W620	A620CB2	2	126	E74A22 3	060	022	SY	J4	G	918	00008–00011
W620	A620CB2	2		E72A22 3WHT	040	022	SJ	J4	F	918	00012–00051
W620	A620CB2	2	126	E74A22 3BLU	040	022	SJ	J4	G	918	00012–00051
W620	A620CB2	2		E72A22 3	040	022	SY	J4	F	918	00052–99999
W620	A620CB2	2	126	E74A22 3	040	022	SY	J4	G	918	00052–99999
W620	A620CB3	2	126	E73A20 3	024	020	SY	J7	2	918	00008–00009
W620	A620CB3	2	126	E71A20 3	024	020	SY	J7	1	918	00008–00009
W620	A620CB3	2	126	E71A20 3	060	020	SY	J3	A	918	00010–00011
W620	A620CB3	2	126	E73A20 3	060	020	SY	J3	B	918	00010–00011
W620	A620CB3	2	126	E71A20 3WHT	040	020	SJ	J3	A	918	00012–00051
W620	A620CB3	2		E73A20 3BLU	040	020	SJ	J3	B	918	00012–00051
W620	A620CB3	2	126	E71A20 3	040	020	SY	J3	A	918	00052–99999
W620	A620CB3	2		E73A20 3	040	020	SY	J3	B	918	00052–99999
W620	A620CB4	2	262	Q2A16 3	040	016	SY	J6	C	922	00008–99999
W620	A620CB5	1	261	P121A12 3	040	012	SY	A620W8 –TB1	A	938	00008–99999
W620	A620CB5	2	262	Q1A16 3	040	016	SY	J5	C	922	00008–99999
W620	A620CB6	2	126	P125A22 3	060	022	SY	J3	32	916	00008–00009
W620	A620CB6	2	126	P125A22 3	040	022	SY	J3	ZI	918	00010–99999
W620	A620CB7	1	261	P113A12 3	040	012	SY	A620W7 –TB1	A	938	00008–99999
W620	A620CB7	2	126	P126A22 3	040	022	SY	J5	E	918	00008–99999
W620	A620CB21	1	262	L36B16 3	040	016	SY	A620K10	A 2	262	00008–99999
W620	A620CB21	2		L38A22 3	040	022	SY	J2	39	916	00008–99999
W620	A620CB21	2	126	L38G22 3	040	022	SY	J2	40	916	00008–99999
W620	A620CB21	2	126	L38K22 3	040	022	SY	J6	H	918	00008–99999

Table 75. W620 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W620	A620CB22	2	126	L9A20 3	040	020	SY	J5	D	918	00008–99999
W620	A620CB23	1	261	P121B12 3	040	012	SY	A620W8 –TB1	B	938	00008–99999
W620	A620CB23	2		L8A20 3	040	020	SY	J5	A	918	00008–99999
W620	A620CB23	2	126	L8D20 3	040	020	SY	J5	B	918	00008–99999
W620	A620CB24	2	126	L40A22 3	040	022	SY	J2	38	916	00008–00051
W620	A620CB25	1	262	L37A16 3	040	016	SY	A620K10	A 1	262	00008–99999
W620	A620CB25	2	126	L41A20 3	040	020	SY	J5	F	918	00008–99999
W620	A620CB25	2	126	L39A22 3	040	022	SY	J2	41	916	00008–99999
W620	A620CB26	2	262	H13A16 3	040	016	SY	XK8 –1/2	B 1	953	00008–99999
W620	A620CB27	1	261	P113B12 3	040	012	SY	A620W7 –TB1	B	938	00008–00051
W620	A620CB27	2	126	L12A20 3	040	020	SY	J6	K	918	00008–00051
W620	A620CB32	1	126	P121E20 3	006	020	SY	A620CB45	1	126	00008–99999
W620	A620CB32	1	261	P121E10 3	010	010	SY	A620CB43	1	261	00052–99999
W620	A620CB32	2	126	W31A22 3	040	022	SY	J1	24	916	00008–99999
W620	A620CB33	2		T6A22 2	060	022	SY	J3	21	916	00008–00009
W620	A620CB33	2	126	T6D22 2	060	022	SY	J3	22	916	00008–00009
W620	A620CB33	2		T6A22 2	060	022	SY	J3	X	918	00010–00034
W620	A620CB33	2	126	T6D22 2	060	022	SY	J3	Y	918	00010–00034
W620	A620CB34	1	261	P121D12 3	040	012	SY	A620W8 –TB1	D	938	00008–99999
W620	A620CB36	1	261	P113G10 3	040	010	SY	A620K5	A 2	119	00052–99999
W620	A620CB41	1	126	P121F20 3	010	020	SY	A620CB51	1	126	00052–99999
W620	A620CB41	2	126	Q51A22 3	040	022	SY	J1	6	916	00052–99999
W620	A620CB42	2	126	NACA1A22 3	040	022	SY	J3	ZK	918	00052–99999
W620	A620CB43	1	261	P121E10 3	010	010	SY	A620CB32	1	261	00052–99999
W620	A620CB43	2	126	L12A20 3	040	020	SY	J6	K	918	00052–99999
W620	A620CB45	1	126	P121E20 3	006	020	SY	A620CB32	1	126	00008–99999
W620	A620CB45	2	126	T90A22 3	060	022	SY	J3	24	916	00008–00009
W620	A620CB45	2	126	T90A22 3	040	022	SY	J3	ZA	918	00010–99999
W620	A620CB46	2	126	M1A20 3	040	020	SY	TB1 –1	A	905	00008–99999
W620	A620CB48	1	146	P14F24 3	040	024	GA	XK9 –1/2	X 1	952	00008–00071
W620	A620CB48	1		ATTGYR1A22 3	020	022	SY	A620CB58	1	126	00072–99999
W620	A620CB48	1	126	P14F24 3	040	024	GA	XK9 –1/2	X 1	952	00072–99999
W620	A620CB48	2		C18A22 3	060	022	SY	J6	F	918	00008–00010
W620	A620CB48	2	126	C2A22 3	040	022	SY	J2	20	916	00008–00051
W620	A620CB48	2	126	C2K22 3	040	022	SY	J4	K	918	00008–00051
W620	A620CB48	2		C18A22 3	040	022	SY	J2	37	916	00011–00071
W620	A620CB48	2	126	C18A22 3	040	022	SY	J2	37	916	00072–99999
W620	A620CB49	2	126	T114A22 3	040	022	SY	J1	27	916	00008–99999
W620	A620CB50	1	261	P114D12 3	060	012	SY	A620W6 –TB1	D	938	00008–99999
W620	A620CB50	2		T7A20 3	040	020	SY	J4	R	918	00008–99999
W620	A620CB50	2	126	T7C20 3	040	020	SY	J4	S	918	00008–99999

Table 75. W620 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W620	A620CB51	1	126	P121F20 3	010	020	SY	A620CB41	1	126	00052–99999
W620	A620CB51	2	126	M23A22 3	040	022	SY	J1	25	916	00008–99999
W620	A620CB56	1	261	P114A12 3	060	012	SY	A620W6 –TB1	A	938	00035–99999
W620	A620CB56	2	262	H10A16 3	040	016	SY	XK8 –3/4	B 1	953	00008–99999
W620	A620CB57	1	261	P114A12 3	040	012	SY	A620W6 –TB1	A	938	00008–00034
W620	A620CB58	1	126	ATTGYR1A22 3	020	022	SY	A620CB48	1		00072–99999
W620	A620CB58	2	126	ATTGYR1B22 3	040	022	SY	J2	4	916	00072–99999
W620	A620CB64	1	262	P78C16 3	040	016	SY	A620K4	A 2	154	00008–99999
W620	A620CB64	2	262	P86A16 3	040	016	SY	J6	L	922	00008–99999
W620	A620CB65	1	262	P46C16 3	040	016	SY	A620K3	A 1	154	00008–99999
W620	A620CB65	2	262	P54A16 3	040	016	SY	J5	G	922	00008–99999
W620	A620CB66	1	261	P114G10 3	040	010	SY	A620K6	A 1	119	00052–99999
W620	A620CB86	2	126	KRA4053A22 3	060	022	SY	J1	3	916	00008–00009
W620	A620CB99	2	262	KY196A2A16 3	060	016	SY	J6	G	922	00008–00009
W620	A620E1		120	E115A24N 3	018	024	GA	A620S1	1		00012–99999
W620	A620E1		120	P68B24N 3	018	024	GA	A620K3	X 2	145	00008–99999
W620	A620E1		120	E285B24N 3	033	024	GA	XK7 –8	X 2	952	00052–99999
W620	A620E1		120	P72A24N 3	018	024	GA	XK9 –7/8	X 2	952	00008–99999
W620	A620E2		120	E116A24N 3	018	024	GA	A620S2	1		00012–99999
W620	A620E2		120	P69A24N 3	018	024	GA	A620K3	13	145	00008–99999
W620	A620E2		120	P28B24N 3	006	024	GA	A620K5	21	145	00008–99999
W620	A620E2		120	E284B24N 3	033	024	GA	XK7 –8	A 2	952	00052–99999
W620	A620E3		103	M4A22N 3	012	022	SY	XK7 –1/2	C 2	952	00008–99999
W620	A620E3		103	M5A22N 3	012	022	SY	XK7 –1/2	B 2	952	00008–99999
W620	A620E3		120	P99A24N 3	006	024	GA	A620K4	13	145	00008–99999
W620	A620E3		120	P133A24N 3	006	024	GA	A620K4	23	145	00008–99999
W620	A620E4		120	P96B24 3	006	024	GA	A620K4	X 2	145	00008–99999
W620	A620E4		120	E286B24N 3	024	024	GA	XK7 –10	A 2	952	00052–99999
W620	A620E4		120	E287B24N 3	024	024	GA	XK7 –10	X 2	952	00052–99999
W620	A620E4		120	P98A24N 3	012	024	GA	XK9 –5/6	X 2	952	00008–99999
W620	A620K1	11	102	E97C22 3	024	022	SY	TB1 –2	J	904	00008–99999
W620	A620K1	12	102	E109A22 3	024	022	SY	TB1 –2	N	904	00008–99999
W620	A620K1	21	145	P135A24 3	006	024	GA	A620K1	X 2	145	00012–99999
W620	A620K1	22	145	P58F24 3	024	024	GA	XK8 –8	B 1	952	00012–99999
W620	A620K1	X 1	145	P67A24 3	030	024	GA	J1	16	916	00008–99999
W620	A620K1	X 2	145	P68A24 3	006	024	GA	A620K3	X 2	145	00008–99999
W620	A620K1	X 2	145	P135A24 3	006	024	GA	A620K1	21	145	00012–99999
W620	A620K2	11	102	E98A22 3	010	022	SY	TB1 –2	A	904	00008–99999
W620	A620K2	12	102	E110A22 3	010	022	SY	TB1 –2	E	904	00008–99999
W620	A620K2	21	145	P134A24 3	006	024	GA	A620K2	X 2	145	00012–99999
W620	A620K2	22	145	P60G24 3	006	024	GA	XK8 –7	B 1	952	00012–99999

Table 75. W620 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W620	A620K2	A 2	127	P34F22 3	010	022	SY	TB1 –2	Y	904	00008–99999
W620	A620K2	X 1	145	P95A24 3	012	024	GA	J2	29	916	00008–99999
W620	A620K2	X 2	145	P96A24 3	006	024	GA	A620K4	X 2	145	00008–99999
W620	A620K2	X 2	145	P134A24 3	006	024	GA	A620K2	21	145	00012–99999
W620	A620K3	12	145	P45B24 3	010	024	GA	J4	V	918	00008–99999
W620	A620K3	13	145	P69A24N 3	018	024	GA	A620E2		120	00008–99999
W620	A620K3	22	145	P132A24 3	006	024	GA	A620K4	22	145	00008–99999
W620	A620K3	22	145	P130A24 3	020	024	GA	A620K5	22	145	00008–99999
W620	A620K3	23	145	P131A24 3	006	024	GA	A620K4	23	145	00008–99999
W620	A620K3	A 1	154	P46C16 3	040	016	SY	A620CB65	1	262	00008–99999
W620	A620K3	A 1	127	P46D22 3	030	022	SY	J1	13	916	00008–99999
W620	A620K3	A 2	127	P41D22 3	030	022	SY	J1	12	916	00008–99999
W620	A620K3	X 1	145	P70A24 3	024	024	GA	XK9 –7/8	C 1	952	00008–99999
W620	A620K3	X 2	145	P68B24N 3	018	024	GA	A620E1		120	00008–99999
W620	A620K3	X 2	145	P68A24 3	006	024	GA	A620K1	X 2	145	00008–99999
W620	A620K4	12	145	P44B24 3	060	024	GA	J3	28	916	00008–00009
W620	A620K4	12	145	P44B24 3	024	024	GA	J3	ZE	918	00010–99999
W620	A620K4	13	145	P99A24N 3	006	024	GA	A620E3		120	00008–99999
W620	A620K4	22	145	P132A24 3	006	024	GA	A620K3	22	145	00008–99999
W620	A620K4	23	145	P133A24N 3	006	024	GA	A620E3		120	00008–99999
W620	A620K4	23	145	P131A24 3	006	024	GA	A620K3	23	145	00008–99999
W620	A620K4	A 1	127	P42D22 3	008	022	SY	J2	25	916	00008–99999
W620	A620K4	A 2	154	P78C16 3	040	016	SY	A620CB64	1	262	00008–99999
W620	A620K4	A 2	127	P78D22 3	008	022	SY	J2	26	916	00008–99999
W620	A620K4	X 1	145	P97A24 3	006	024	GA	XK9 –5/6	C 1	952	00008–99999
W620	A620K4	X 2	145	P96B24 3	006	024	GA	A620E4		120	00008–99999
W620	A620K4	X 2	145	P96A24 3	006	024	GA	A620K2	X 2	145	00008–99999
W620	A620K5	11	145	P61B24 3	006	024	GA	J1	18	916	00011–99999
W620	A620K5	12	145	P61D24 3	006	024	GA	A620K6	12	145	00011–99999
W620	A620K5	21	145	P28A24 3	006	024	GA	A620K6	21	145	00008–99999
W620	A620K5	21	145	P28B24N 3	006	024	GA	A620E2		120	00008–99999
W620	A620K5	22	145	P130A24 3	020	024	GA	A620K3	22	145	00008–99999
W620	A620K5	22	145	P17D24 3	006	024	GA	A620K6	22	145	00008–99999
W620	A620K5	A 2	119	P113G10 3	040	010	SY	A620CB36	1	261	00052–99999
W620	A620K5	X 1	145	P39E24 3	010	024	GA	TB1 –4	K	905	00008–99999
W620	A620K5	X 1	145	P39C24 3	006	024	GA	J1	22	916	00008–99999
W620	A620K5	X 1	145	P39D24 3	020	024	GA	XK9 –7/8	A 1	952	00008–99999
W620	A620K5	X 2	145	P56B24 3	006	024	GA	J1	11	916	00008–99999
W620	A620K6	11	145	P61E24 3	014	024	GA	J2	31	916	00011–99999
W620	A620K6	12	145	P61D24 3	006	024	GA	A620K5	12	145	00011–99999
W620	A620K6	21	145	P28A24 3	006	024	GA	A620K5	21	145	00008–99999

Table 75. W620 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W620	A620K6	22	145	P17D24 3	006	024	GA	A620K5	22	145	00008–99999
W620	A620K6	22	145	P17C24 3	014	024	GA	J2	34	916	00008–99999
W620	A620K6	A 1	119	P114G10 3	040	010	SY	A620CB66	1	261	00052–99999
W620	A620K6	X 1	145	P39G24 3	006	024	GA	TB1 –4	L	905	00008–99999
W620	A620K6	X 2	145	P88B24 3	014	024	GA	J2	24	916	00008–99999
W620	A620K10	A 1	262	L37A16 3	040	016	SY	A620CB25	1	262	00008–99999
W620	A620K10	A 2	126	L36A22 3	006	022	SY	A620K10	X 1	102	00008–99999
W620	A620K10	A 2	262	L36B16 3	040	016	SY	A620CB21	1	262	00008–99999
W620	A620K10	X 1	102	L36A22 3	006	022	SY	A620K10	A 2	126	00008–99999
W620	A620K10	X 2	102	L43A22 3	010	022	SY	J1	23	916	00008–99999
W620	A620S1	1		E115A24N 3	018	024	GA	A620E1		120	00012–99999
W620	A620S1	2		E115B24 3	012	024	GA	TB1 –8	F	904	00012–99999
W620	A620S2	1		E116A24N 3	018	024	GA	A620E2		120	00012–99999
W620	A620S2	2		E116B24 3	016	024	GA	TB1 –8	C	904	00012–99999
W620	A620TB3	1		E99G24 3	012	024	GA	TB1 –6	P	904	00052–99999
W620	A620TB3	2		E99E24 3	024	024	GA	XK7 –7	X 1	952	00052–99999
W620	A620TB3	3		E100J24 3	012	024	GA	TB1 –8	L	952	00052–99999
W620	A620TB3	4		E100G24 3	024	024	GA	XK7 –9	X 1	952	00052–99999
W620	A620W1	3	198	P66C02 3	012	002	UM	A620W8	3	198	00008–99999
W620	A620W6 –TB1	A	938	P114A12 3	040	012	SY	A620CB57	1	261	00008–00034
W620	A620W6 –TB1	A	938	P114A12 3	060	012	SY	A620CB56	1	261	00035–99999
W620	A620W6 –TB1	B	938	P114B12 3	006	012	SY	XK9 –1/2	B 2	938	00008–99999
W620	A620W6 –TB1	C	938	P114C12 3	006	012	SY	XK9 –1/2	A 2	938	00008–99999
W620	A620W6 –TB1	D	938	P114D12 3	060	012	SY	A620CB50	1	261	00008–99999
W620	A620W7	1	114	P119A10 3	040	010	SY	A620CB19	1	261	00008–99999
W620	A620W7 –TB1	A	938	P113A12 3	040	012	SY	A620CB7	1	261	00008–99999
W620	A620W7 –TB1	B	938	P113B12 3	040	012	SY	A620CB27	1	261	00008–00051
W620	A620W7 –TB1	C	938	P113C12 3	018	012	SY	XK9 –3/4	B 2	938	00008–99999
W620	A620W7 –TB1	D	938	P113D12 3	018	012	SY	XK9 –3/4	A 2	938	00008–99999
W620	A620W8	3	198	P66C02 3	012	002	UM	A620W1	3	198	00008–99999
W620	A620W8 –TB1	A	938	P121A12 3	040	012	SY	A620CB5	1	261	00008–99999
W620	A620W8 –TB1	B	938	P121B12 3	040	012	SY	A620CB23	1	261	00008–99999
W620	A620W8 –TB1	C	938	P121C12 3	040	012	SY	A620CB15	1	261	00008–99999
W620	A620W8 –TB1	D	938	P121D12 3	040	012	SY	A620CB34	1	261	00008–99999
W620	A620SH1	1	126	P41B22 5WHT	060	022	SB	J3	25	916	00008–00009
W620	A620SH1	1	126	P41B22 5WHT	016	022	SB	J3	ZB	918	00010–99999
W620	A620SH1	2	126	P40B22 5BLU	060	022	SB	J3	26	916	00008–00009
W620	A620SH1	2	126	P40B22 5BLU	016	022	SB	J3	ZC	918	00010–99999
W620	A620SH2	1	126	P43B22 5BLU	016	022	SB	J4	U	918	00008–99999
W620	A620SH2	2	126	P42B22 5WHT	016	022	SB	J4	T	918	00008–99999
W620	J1	1	916	E9C24 3	024	024	GA	XK8 –6	X 2	952	00008–99999

Table 75. W620 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W620	J1	2	916	E137C22 3	018	022	SY	TB1 –5	K	904	00008–99999
W620	J1	3	916	KRA4053A22 3	060	022	SY	A620CB86	2	126	00008–00009
W620	J1	6	916	W1D22 3	036	022	SY	J2	17	916	00008–00009
W620	J1	6	916	Q51A22 3	040	022	SY	A620CB41	2	126	00052–99999
W620	J1	9	916	P14C24 3	018	024	GA	TB1 –4	D	905	00008–99999
W620	J1	11	916	P56B24 3	006	024	GA	A620K5	X 2	145	00008–99999
W620	J1	12	916	P41D22 3	030	022	SY	A620K3	A 2	127	00008–99999
W620	J1	13	916	P46D22 3	030	022	SY	A620K3	A 1	127	00008–99999
W620	J1	14	916	P58B22 3	018	022	SY	TB1 –5	P	904	00008–99999
W620	J1	15	916	E105A24 3	024	024	GA	XK8 –8	X 2	952	00008–00011
W620	J1	16	916	P67A24 3	030	024	GA	A620K1	X 1	145	00008–99999
W620	J1	17	916	P60B24 3	018	024	GA	TB1 –6	E	904	00008–99999
W620	J1	18	916	P61B24 3	024	024	GA	J2	31	916	00008–00010
W620	J1	18	916	P61B24 3	006	024	GA	A620K5	11	145	00011–99999
W620	J1	19	916	P13A24 3	024	024	GA	XK9 –7/8	B 2	952	00008–99999
W620	J1	20	916	P34C24 3	018	024	GA	TB1 –6	Y	904	00008–99999
W620	J1	21	916	P62B24 3	018	024	GA	TB1 –5	Y	904	00008–99999
W620	J1	22	916	P39C24 3	006	024	GA	A620K5	X 1	145	00008–99999
W620	J1	23	916	L43A22 3	010	022	SY	A620K10	X 2	102	00008–99999
W620	J1	24	916	W31A22 3	040	022	SY	A620CB32	2	126	00008–99999
W620	J1	25	916	M23A22 3	040	022	SY	A620CB51	2	126	00008–99999
W620	J1	26	916	W1D22 3	024	022	SY	J2	17	916	00010–99999
W620	J1	27	916	T114A22 3	040	022	SY	A620CB49	2	126	00008–99999
W620	J2	1	916	E26C24 3	010	024	GA	XK8 –5	X 2	952	00008–99999
W620	J2	2	916	E138C22 3	006	022	SY	TB1 –6	A	904	00008–99999
W620	J2	4	916	ATTGYR1B22 3	040	022	SY	A620CB58	2	126	00072–99999
W620	J2	6	916	Q7A22 3	040	022	SY	A620CB1	2	126	00008–99999
W620	J2	8	916	W4C22 3WHT	006	022	SC	J4	C	918	00008–99999
W620	J2	9	916	W5C22 3BLU	006	022	SC	J4	E	918	00008–99999
W620	J2	10	916	W6C22 3ORN	006	022	SC	J4	P	918	00008–99999
W620	J2	11	916	W10C22 3WHT	036	022	SC	J3	9	916	00008–00009
W620	J2	11	916	W7C22 3WHT	024	022	SC	J3	J	918	00010–99999
W620	J2	12	916	W11C22 3BLU	036	022	SC	J3	10	916	00008–00009
W620	J2	12	916	W8C22 3BLU	024	022	SC	J3	K	918	00010–99999
W620	J2	13	916	W12C22 3ORN	036	022	SC	J3	11	916	00008–00009
W620	J2	13	916	W9C22 3ORN	024	022	SC	J3	L	918	00010–99999
W620	J2	14	916	W10C22 3WHT	024	022	SC	J3	M	918	00010–99999
W620	J2	14	916	W7C22 3WHT	036	022	SC	J3	12	916	00008–00009
W620	J2	15	916	W8C22 3BLU	036	022	SC	J3	13	916	00008–00009
W620	J2	15	916	W11C22 3BLU	024	022	SC	J3	N	918	00010–99999
W620	J2	16	916	W12C22 3ORN	024	022	SC	J3	P	918	00010–99999

Table 75. W620 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W620	J2	16	916	W9C22 3ORN	036	022	SC	J3	14	916	00008–00009
W620	J2	17	916	W1D22 3	036	022	SY	J1	6	916	00008–00009
W620	J2	17	916	W1D22 3	024	022	SY	J1	26	916	00010–99999
W620	J2	20	916	C2A22 3	040	022	SY	A620CB48	2	126	00008–00051
W620	J2	21	916	H9D22 3	006	022	SY	TB1 –3	K	904	00008–99999
W620	J2	22	916	H18C22 3	036	022	SY	J3	20	916	00008–00009
W620	J2	22	916	H18C22 3	024	022	SY	J3	W	918	00010–99999
W620	J2	24	916	P88B24 3	014	024	GA	A620K6	X 2	145	00008–99999
W620	J2	25	916	P42D22 3	008	022	SY	A620K4	A 1	127	00008–99999
W620	J2	26	916	P78D22 3	008	022	SY	A620K4	A 2	127	00008–99999
W620	J2	27	916	P60C24 3	006	024	GA	TB1 –6	F	904	00008–99999
W620	J2	28	916	E106A24 3	024	024	GA	XK8 –7	X 2	952	00008–00011
W620	J2	29	916	P95A24 3	012	024	GA	A620K2	X 1	145	00008–99999
W620	J2	30	916	P58C22 3	006	022	SY	TB1 –5	N	904	00008–99999
W620	J2	31	916	P61B24 3	024	024	GA	J1	18	916	00008–00010
W620	J2	31	916	P61E24 3	014	024	GA	A620K6	11	145	00011–99999
W620	J2	32	916	P11F24 3	012	024	GA	XK9 –5/6	B 2	952	00008–99999
W620	J2	33	916	P91B24 3	006	024	GA	TB1 –4	H	905	00008–99999
W620	J2	34	916	P17C24 3	014	024	GA	A620K6	22	145	00008–99999
W620	J2	35	916	M3H22 3	006	022	SY	TB1 –1	K	905	00008–99999
W620	J2	36	916	M3C22 3	006	022	SY	TB1 –1	J	905	00008–99999
W620	J2	37	916	C18A22 3	040	022	SY	A620CB48	2		00011–00071
W620	J2	37	916	C18A22 3	040	022	SY	A620CB48	2	126	00072–99999
W620	J2	38	916	L40A22 3	040	022	SY	A620CB24	2	126	00008–00051
W620	J2	39	916	L38A22 3	040	022	SY	A620CB21	2		00008–99999
W620	J2	40	916	L38G22 3	040	022	SY	A620CB21	2	126	00008–99999
W620	J2	41	916	L39A22 3	040	022	SY	A620CB25	2	126	00008–99999
W620	J3	3	916	E67A24 3	060	024	GA	XK8 –10	X 2	952	00008–00009
W620	J3	5	916	E109C22 3	024	022	SY	TB1 –2	R	904	00008–00009
W620	J3	7	916	E77A22 3	060	022	SY	A620CB15	2	126	00008–00009
W620	J3	8	916	E69A22 3	060	022	SY	A620CB12	2		00008–00009
W620	J3	9	916	W10C22 3WHT	036	022	SC	J2	11	916	00008–00009
W620	J3	10	916	W11C22 3BLU	036	022	SC	J2	12	916	00008–00009
W620	J3	11	916	W12C22 3ORN	036	022	SC	J2	13	916	00008–00009
W620	J3	12	916	W7C22 3WHT	036	022	SC	J2	14	916	00008–00009
W620	J3	13	916	W8C22 3BLU	036	022	SC	J2	15	916	00008–00009
W620	J3	14	916	W9C22 3ORN	036	022	SC	J2	16	916	00008–00009
W620	J3	15	916	H12A22 3	060	022	SY	XK7 –3/4	A 2	952	00008–00009
W620	J3	16	916	H2G22 3	060	022	SY	TB1 –3	N	904	00008–00009
W620	J3	17	916	H8A22 3	060	022	SY	TB1 –5	A	904	00008–00009
W620	J3	18	916	H2D22 3	060	022	SY	TB1 –3	T	904	00008–00009

Table 75. W620 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W620	J3	19	916	H3A22 3	060	022	SY	XK7 –5	X 2	952	00008–00009
W620	J3	20	916	H18C22 3	036	022	SY	J2	22	916	00008–00009
W620	J3	21	916	T6A22 2	060	022	SY	A620CB33	2		00008–00009
W620	J3	22	916	T6D22 2	060	022	SY	A620CB33	2	126	00008–00009
W620	J3	24	916	T90A22 3	060	022	SY	A620CB45	2	126	00008–00009
W620	J3	25	916	P41B22 5WHT	060	022	SB	A620SH1	1	126	00008–00009
W620	J3	26	916	P40B22 5BLU	060	022	SB	A620SH1	2	126	00008–00009
W620	J3	28	916	P44B24 3	060	024	GA	A620K4	12	145	00008–00009
W620	J3	29	916	E267C24 5	060	024	GA	J4	Y	918	00008–00009
W620	J3	30	916	E268C24 5	060	024	GA	J4	X	918	00008–00009
W620	J3	31	916	M2A22 3	060	022	SY	XK7 –1/2	B 1	952	00008–00009
W620	J3	32	916	P125A22 3	060	022	SY	A620CB6	2	126	00008–00009
W620	J3	A	918	E71A20 3	060	020	SY	A620CB3	2	126	00010–00011
W620	J3	A	918	E71A20 3WHT	040	020	SJ	A620CB3	2	126	00012–00051
W620	J3	A	918	E71A20 3	040	020	SY	A620CB3	2	126	00052–99999
W620	J3	B	918	E73A20 3	060	020	SY	A620CB3	2	126	00010–00011
W620	J3	B	918	E73A20 3BLU	040	020	SJ	A620CB3	2		00012–00051
W620	J3	B	918	E73A20 3	040	020	SY	A620CB3	2		00052–99999
W620	J3	C	918	E67A24 3	060	024	GA	XK8 –10	X 2	952	00010–00011
W620	J3	C	918	E67A24 3	026	024	XE	XK8 –10	X 2	952	00012–00051
W620	J3	C	918	E67A24 3	026	024	GA	XK8 –10	X 2	952	00052–99999
W620	J3	D	918	E105B24 3	018	024	GA	TB1 –8	H	904	00012–00051
W620	J3	D	918	E105B24 3	024	024	GA	XK7 –7	A 2	952	00052–99999
W620	J3	E	918	E109C22 3	018	022	SY	TB1 –2	R	904	00010–99999
W620	J3	F	918	E267C24 5	036	024	GA	J4	Y	918	00010–00011
W620	J3	F	918	E267C24 5WHT	028	024	RB	J4	Y	918	00012–99999
W620	J3	G	918	E77A22 3	040	022	SY	A620CB15	2	126	00010–99999
W620	J3	H	918	E69A22 3	040	022	SY	A620CB12	2		00010–99999
W620	J3	J	918	W7C22 3WHT	024	022	SC	J2	11	916	00010–99999
W620	J3	K	918	W8C22 3BLU	024	022	SC	J2	12	916	00010–99999
W620	J3	L	918	W9C22 3ORN	024	022	SC	J2	13	916	00010–99999
W620	J3	M	918	W10C22 3WHT	024	022	SC	J2	14	916	00010–99999
W620	J3	N	918	W11C22 3BLU	024	022	SC	J2	15	916	00010–99999
W620	J3	P	918	W12C22 3ORN	024	022	SC	J2	16	916	00010–99999
W620	J3	R	918	H12A22 3	024	022	SY	XK7 –3/4	A 2	952	00010–99999
W620	J3	S	918	H2G22 3	024	022	SY	TB1 –3	N	904	00010–99999
W620	J3	T	918	H8A22 3	024	022	SY	TB1 –5	A	904	00010–99999
W620	J3	U	918	H2D22 3	024	022	SY	TB1 –3	T	904	00010–99999
W620	J3	V	918	H3A22 3	024	022	SY	XK7 –5	X 2	952	00010–99999
W620	J3	W	918	H18C22 3	024	022	SY	J2	22	916	00010–99999
W620	J3	X	918	T6A22 2	060	022	SY	A620CB33	2		00010–00034

Table 75. W620 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W620	J3	Y	918	T6D22 2	060	022	SY	A620CB33	2	126	00010–00034
W620	J3	Z	918	E282A20 3	006	020	ZZ	J3	SH 3	827	00012–00051
W620	J3	ZA	918	T90A22 3	040	022	SY	A620CB45	2	126	00010–99999
W620	J3	ZB	918	P41B22 5WHT	016	022	SB	A620SH1	1	126	00010–99999
W620	J3	ZC	918	P40B22 5BLU	016	022	SB	A620SH1	2	126	00010–99999
W620	J3	ZD	918	E67C24 3	006	024	ZZ	J3	SH 1	833	00012–00051
W620	J3	ZE	918	P44B24 3	024	024	GA	A620K4	12	145	00010–99999
W620	J3	ZF	918	E272C24 5	006	024	ZZ	J3	SH 2	833	00012–99999
W620	J3	ZG	918	E268C24 5	036	024	GA	J4	X	918	00010–00011
W620	J3	ZG	918	E268C24 5BLU	028	024	RB	J4	X	918	00012–99999
W620	J3	ZH	918	M2A22 3	026	022	SY	XK7 –1/2	B 1	952	00010–99999
W620	J3	ZI	918	P125A22 3	040	022	SY	A620CB6	2	126	00010–99999
W620	J3	ZK	918	NACA1A22 3	040	022	SY	A620CB42	2	126	00052–99999
W620	J3	SH 1	833	E67C24 3	006	024	ZZ	J3	ZD	918	00012–00051
W620	J3	SH 2	833	E272C24 5	006	024	ZZ	J3	ZF	918	00012–99999
W620	J3	SH 3	827	E282A20 3	006	020	ZZ	J3	Z	918	00012–00051
W620	J4	A	918	E68A22 3	040	022	SY	A620CB13	2	126	00008–00051
W620	J4	B	918	E78A22 3	040	022	SY	A620CB14	2	126	00008–99999
W620	J4	C	918	W4C22 3WHT	006	022	SC	J2	8	916	00008–99999
W620	J4	D	918	E70A22 3	040	022	SY	A620CB11	2	126	00008–99999
W620	J4	E	918	W5C22 3BLU	006	022	SC	J2	9	916	00008–99999
W620	J4	F	918	E72A22 3	060	022	SY	A620CB2	2		00008–00011
W620	J4	F	918	E72A22 3WHT	040	022	SJ	A620CB2	2		00012–00051
W620	J4	F	918	E72A22 3	040	022	SY	A620CB2	2		00052–99999
W620	J4	G	918	E74A22 3	060	022	SY	A620CB2	2	126	00008–00011
W620	J4	G	918	E74A22 3BLU	040	022	SJ	A620CB2	2	126	00012–00051
W620	J4	G	918	E74A22 3	040	022	SY	A620CB2	2	126	00052–99999
W620	J4	H	918	E97B22 3	010	022	SY	TB1 –2	L	904	00008–99999
W620	J4	J	918	E98B22 3	010	022	SY	TB1 –2	C	904	00008–99999
W620	J4	K	918	C2K22 3	040	022	SY	A620CB48	2	126	00008–00051
W620	J4	L	918	E106B24 3	024	024	GA	TB1 –8	D	904	00012–00051
W620	J4	L	918	E106B24 3	024	024	GA	XK7 –9	A 2	952	00052–99999
W620	J4	M	918	E110C22 3	010	022	SY	TB1 –2	G	904	00008–99999
W620	J4	N	918	E64A24 3	024	024	GA	XK8 –9	X 2	952	00008–00011
W620	J4	N	918	E64A24 3	024	024	XE	XK8 –9	X 2	952	00012–00051
W620	J4	N	918	E64A24 3	024	024	GA	XK8 –9	X 2	952	00052–99999
W620	J4	P	918	W6C22 3ORN	006	022	SC	J2	10	916	00008–99999
W620	J4	R	918	T7A20 3	040	020	SY	A620CB50	2		00008–99999
W620	J4	S	918	T7C20 3	040	020	SY	A620CB50	2	126	00008–99999
W620	J4	SH 3	827	E283A20 3	006	020	ZZ	J4	Z	918	00012–00051
W620	J4	T	918	P42B22 5WHT	016	022	SB	A620SH2	2	126	00008–99999

Table 75. W620 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W620	J4	U	918	P43B22 5BLU	016	022	SB	A620SH2	1	126	00008–99999
W620	J4	V	918	P45B24 3	010	024	GA	A620K3	12	145	00008–99999
W620	J4	W	918	E272D24 5	006	024	ZZ	J4	SH 2	833	00012–99999
W620	J4	X	918	E268C24 5	060	024	GA	J3	30	916	00008–00009
W620	J4	X	918	E268C24 5	036	024	GA	J3	ZG	918	00010–00011
W620	J4	X	918	E268C24 5BLU	028	024	RB	J3	ZG	918	00012–99999
W620	J4	Y	918	E267C24 5	060	024	GA	J3	29	916	00008–00009
W620	J4	Y	918	E267C24 5	036	024	GA	J3	F	918	00010–00011
W620	J4	Y	918	E267C24 5WHT	028	024	RB	J3	F	918	00012–99999
W620	J4	Z	918	E283A20 3	006	020	ZZ	J4	SH 3	827	00012–00051
W620	J4	ZA	918	E64C24 3	006	024	ZZ	J4	SH 1	833	00012–00051
W620	J4	ZB	918	E99D24 3	024	024	GA	XK7 –7	X 2	952	00052–99999
W620	J4	ZC	918	E100F24 3	024	024	GA	XK7 –9	X 2	952	00052–99999
W620	J4	SH 1	833	E64C24 3	006	024	ZZ	J4	ZA	918	00012–00051
W620	J4	SH 2	833	E272D24 5	006	024	ZZ	J4	W	918	00012–99999
W620	J5	A	918	L8A20 3	040	020	SY	A620CB23	2		00008–99999
W620	J5	B	918	L8D20 3	040	020	SY	A620CB23	2	126	00008–99999
W620	J5	C	922	Q1A16 3	040	016	SY	A620CB5	2	262	00008–99999
W620	J5	D	918	L9A20 3	040	020	SY	A620CB22	2	126	00008–99999
W620	J5	E	918	P126A22 3	040	022	SY	A620CB7	2	126	00008–99999
W620	J5	F	918	L41A20 3	040	020	SY	A620CB25	2	126	00008–99999
W620	J5	G	922	P54A16 3	040	016	SY	A620CB65	2	262	00008–99999
W620	J5	H	918	W16C20 5	024	020	SY	J6	E	918	00008–99999
W620	J5	J	918	W17C20 5	024	020	SY	J6	M	922	00008–99999
W620	J5	L	922	H11C16 3	006	016	SY	TB1 –7	E	906	00008–99999
W620	J5	M	922	H14C16 3	024	016	SY	TB1 –7	F	906	00008–99999
W620	J6	A	918	M1G20 3	024	020	SY	TB1 –1	E	905	00008–99999
W620	J6	B	918	M1D20 3	024	020	SY	TB1 –1	D	905	00008–99999
W620	J6	C	922	Q2A16 3	040	016	SY	A620CB4	2	262	00008–99999
W620	J6	D	918	M6B20 3	024	020	SY	TB1 –4	B	905	00008–99999
W620	J6	E	918	W16C20 5	024	020	SY	J5	H	918	00008–99999
W620	J6	F	918	C18A22 3	060	022	SY	A620CB48	2		00008–00010
W620	J6	G	922	KY196A2A16 3	060	016	SY	A620CB99	2	262	00008–00009
W620	J6	H	918	L38K22 3	040	022	SY	A620CB21	2	126	00008–99999
W620	J6	J	918	M6G20 3	024	020	SY	TB1 –4	C	905	00008–99999
W620	J6	K	918	L12A20 3	040	020	SY	A620CB27	2	126	00008–00051
W620	J6	K	918	L12A20 3	040	020	SY	A620CB43	2	126	00052–99999
W620	J6	L	922	P86A16 3	040	016	SY	A620CB64	2	262	00008–99999
W620	J6	M	922	W17C20 5	024	020	SY	J5	J	918	00008–99999
W620	J7	1	918	E71A20 3	024	020	SY	A620CB3	2	126	00008–00009
W620	J7	2	918	E73A20 3	024	020	SY	A620CB3	2	126	00008–00009

Table 75. W620 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W620	J8	A	923	H5A12 3	040	012	SY	A620CB19	2	261	00008–99999
W620	J8	C	923	H7A12 3	040	012	SY	A620CB18	2	261	00008–99999
W620	TB1 –1	A	905	M1A20 3	040	020	SY	A620CB46	2	126	00008–99999
W620	TB1 –1	B	905	M1B20 3	006	020	SY	XK7 –1/2	A 1	952	00008–99999
W620	TB1 –1	C	905	M1C20 3	006	020	SY	XK7 –1/2	X 1	952	00008–99999
W620	TB1 –1	D	905	M1D20 3	024	020	SY	J6	B	918	00008–99999
W620	TB1 –1	E	905	M1G20 3	024	020	SY	J6	A	918	00008–99999
W620	TB1 –1	G	905	M3A22 3	006	022	SY	XK7 –1/2	C 1	952	00008–99999
W620	TB1 –1	H	905	M3B22 3	006	022	SY	XK7 –1/2	X 2	952	00008–99999
W620	TB1 –1	J	905	M3C22 3	006	022	SY	J2	36	916	00008–99999
W620	TB1 –1	K	905	M3H22 3	006	022	SY	J2	35	916	00008–99999
W620	TB1 –2	A	904	E98A22 3	010	022	SY	A620K2	11	102	00008–99999
W620	TB1 –2	B	904	E98D22 3	006	022	SY	XK8 –9	A 1	952	00008–99999
W620	TB1 –2	C	904	E98B22 3	010	022	SY	J4	J	918	00008–99999
W620	TB1 –2	D	904	E100H24 3	024	024	GA	TB1 –8	J	904	00052–99999
W620	TB1 –2	E	904	E110A22 3	010	022	SY	A620K2	12	102	00008–99999
W620	TB1 –2	F	904	E110B22 3	006	022	SY	XK8 –9	A 2	952	00008–99999
W620	TB1 –2	G	904	E110C22 3	010	022	SY	J4	M	918	00008–99999
W620	TB1 –2	J	904	E97C22 3	024	022	SY	A620K1	11	102	00008–99999
W620	TB1 –2	K	904	E97D22 3	006	022	SY	XK8 –10	A 1	952	00008–99999
W620	TB1 –2	L	904	E97B22 3	010	022	SY	J4	H	918	00008–99999
W620	TB1 –2	M	904	E99F24 3	024	024	GA	TB1 –6	N	904	00052–99999
W620	TB1 –2	N	904	E109A22 3	024	022	SY	A620K1	12	102	00008–99999
W620	TB1 –2	P	904	E109B22 3	006	022	SY	XK8 –10	A 2	952	00008–99999
W620	TB1 –2	R	904	E109C22 3	024	022	SY	J3	5	916	00008–00009
W620	TB1 –2	R	904	E109C22 3	018	022	SY	J3	E	918	00010–99999
W620	TB1 –2	T	904	P34G24 3	006	024	GA	XK9 –5/6	A 2	952	00008–99999
W620	TB1 –2	W	904	P34E24 3	006	024	GA	TB1 –6	Z	904	00008–99999
W620	TB1 –2	Y	904	P34F22 3	010	022	SY	A620K2	A 2	127	00008–99999
W620	TB1 –3	A	904	H2C22 3	006	022	SY	XK8 –3/4	X 1	952	00008–99999
W620	TB1 –3	B	904	H9B22 3	006	022	SY	XK8 –3/4	X 2	952	00008–99999
W620	TB1 –3	E	904	H2A22 3	006	022	SY	XK7 –5	A 2	952	00008–99999
W620	TB1 –3	F	904	H9A22 3	006	022	SY	XK7 –3/4	X 2	952	00008–99999
W620	TB1 –3	J	904	H2B22 3	006	022	SY	XK8 –1/2	X 1	952	00008–99999
W620	TB1 –3	K	904	H9D22 3	006	022	SY	J2	21	916	00008–99999
W620	TB1 –3	N	904	H2G22 3	060	022	SY	J3	16	916	00008–00009
W620	TB1 –3	N	904	H2G22 3	024	022	SY	J3	S	918	00010–99999
W620	TB1 –3	P	904	H9C22 3	006	022	SY	XK8 –1/2	X 2	952	00008–99999
W620	TB1 –3	T	904	H2D22 3	060	022	SY	J3	18	916	00008–00009
W620	TB1 –3	T	904	H2D22 3	024	022	SY	J3	U	918	00010–99999
W620	TB1 –4	A	905	M6A20 3	006	020	SY	XK7 –1/2	A 2	952	00008–99999

Table 75. W620 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W620	TB1 –4	B	905	M6B20 3	024	020	SY	J6	D	918	00008–99999
W620	TB1 –4	C	905	M6G20 3	024	020	SY	J6	J	918	00008–99999
W620	TB1 –4	D	905	P14C24 3	018	024	GA	J1	9	916	00008–99999
W620	TB1 –4	E	905	P14E24 3	024	024	GA	XK9 –1/2	X 2	952	00008–00011
W620	TB1 –4	E	905	P14G24 3	006	024	GA	TB1 –9/10	G	905	00012–99999
W620	TB1 –4	F	905	P14D24 3	024	024	GA	XK9 –3/4	X 2	952	00008–00011
W620	TB1 –4	F	905	P14H24 3	006	024	GA	TB1 –9/10	F	905	00012–99999
W620	TB1 –4	G	905	P91D24 3	006	024	GA	XK9 –5/6	X 1	952	00008–99999
W620	TB1 –4	H	905	P91B24 3	006	024	GA	J2	33	916	00008–99999
W620	TB1 –4	J	905	P91C24 3	006	024	GA	XK9 –5/6	C 2	952	00008–99999
W620	TB1 –4	K	905	P39E24 3	010	024	GA	A620K5	X 1	145	00008–99999
W620	TB1 –4	L	905	P39G24 3	006	024	GA	A620K6	X 1	145	00008–99999
W620	TB1 –4	M	905	P39F24 3	006	024	GA	XK9 –5/6	A 1	952	00008–99999
W620	TB1 –5	A	904	H8A22 3	060	022	SY	J3	17	916	00008–00009
W620	TB1 –5	A	904	H8A22 3	024	022	SY	J3	T	918	00010–99999
W620	TB1 –5	B	904	H8C22 3	006	022	SY	XK7 –3/4	A 1	952	00008–99999
W620	TB1 –5	C	904	H8B22 3	006	022	SY	XK7 –3/4	X 1	952	00008–99999
W620	TB1 –5	E	904	H1C22 3	006	022	SY	XK7 –5	A 3	952	00008–99999
W620	TB1 –5	F	904	H1A22 3	040	022	SY	A620CB17	2	126	00008–99999
W620	TB1 –5	G	904	H1B22 3	006	022	SY	XK7 –5	X 1	952	00008–99999
W620	TB1 –5	J	904	E137K22 3	006	022	SY	XK8 –6	A 2	952	00008–99999
W620	TB1 –5	K	904	E137C22 3	018	022	SY	J1	2	916	00008–99999
W620	TB1 –5	L	904	E137L22 3	006	022	SY	XK8 –6	X 1	952	00008–99999
W620	TB1 –5	M	904	P1H22 3	024	022	SY	XK8 –8	X 1	952	00008–99999
W620	TB1 –5	N	904	P58C22 3	006	022	SY	J2	30	916	00008–99999
W620	TB1 –5	P	904	P58B22 3	018	022	SY	J1	14	916	00008–99999
W620	TB1 –5	R	904	P58D24 3	006	024	GA	XK8 –8	A 1	952	00012–99999
W620	TB1 –5	R	904	P58D24 3	024	024	GA	XK8 –8	A 3	952	00008–00011
W620	TB1 –5	W	904	P62C24 3	006	024	GA	XK9 –7/8	X 1	952	00008–99999
W620	TB1 –5	Y	904	P62B24 3	018	024	GA	J1	21	916	00008–99999
W620	TB1 –5	Z	904	P62D24 3	006	024	GA	XK9 –7/8	C 2	952	00008–99999
W620	TB1 –6	A	904	E138C22 3	006	022	SY	J2	2	916	00008–99999
W620	TB1 –6	B	904	E138D22 3	006	022	SY	XK8 –5	A 2	952	00008–99999
W620	TB1 –6	C	904	E138E22 3	006	022	SY	XK8 –5	X 1	952	00008–99999
W620	TB1 –6	D	904	E138F22 3	006	022	SY	XK8 –7	X 1	952	00008–99999
W620	TB1 –6	E	904	P60B24 3	018	024	GA	J1	17	916	00008–99999
W620	TB1 –6	F	904	P60C24 3	006	024	GA	J2	27	916	00008–99999
W620	TB1 –6	G	904	P60E24 3	024	024	GA	XK8 –7	A 3	952	00008–00011
W620	TB1 –6	G	904	P60E24 3	006	024	GA	XK8 –7	A 1	952	00012–99999
W620	TB1 –6	J	904	E105D24 3	024	024	GA	TB1 –8	H	904	00052–99999
W620	TB1 –6	K	904	E105C24 3	024	024	GA	XK7 –7	A 1	952	00052–99999

Table 75. W620 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W620	TB1 –6	L	904	E284A24 3	024	024	GA	XK7 –8	A 3	952	00052–99999
W620	TB1 –6	N	904	E99F24 3	024	024	GA	TB1 –2	M	904	00052–99999
W620	TB1 –6	P	904	E99G24 3	012	024	GA	A620TB3	1		00052–99999
W620	TB1 –6	R	904	E285A24 3	024	024	GA	XK7 –8	X 1	952	00052–99999
W620	TB1 –6	W	904	P34D24 3	006	024	GA	XK9 –7/8	A 2	952	00008–99999
W620	TB1 –6	Y	904	P34C24 3	018	024	GA	J1	20	916	00008–99999
W620	TB1 –6	Z	904	P34E24 3	006	024	GA	TB1 –2	W	904	00008–99999
W620	TB1 –7	A	906	H11B16 3	006	016	SY	XK8 –3/4	A 3	953	00008–99999
W620	TB1 –7	B	906	H14B16 3	006	016	SY	XK8 –1/2	A 3	953	00008–99999
W620	TB1 –7	C	906	H11A16 3	006	016	SY	XK8 –3/4	A 1	953	00008–99999
W620	TB1 –7	D	906	H14A16 3	006	016	SY	XK8 –1/2	A 1	953	00008–99999
W620	TB1 –7	E	906	H11C16 3	006	016	SY	J5	L	922	00008–99999
W620	TB1 –7	F	906	H14C16 3	024	016	SY	J5	M	922	00008–99999
W620	TB1 –8	A	904	P60F24 3	010	024	GA	XK8 –7	B 2	952	00012–99999
W620	TB1 –8	B	904	E114A24 3	010	024	GA	XK8 –7	X 2	952	00012–99999
W620	TB1 –8	C	904	E116B24 3	016	024	GA	A620S2	2		00012–99999
W620	TB1 –8	D	904	E106B24 3	024	024	GA	J4	L	918	00012–00051
W620	TB1 –8	D	904	E106D24 3	012	024	GA	TB1 –8	N	904	00052–99999
W620	TB1 –8	E	904	P58E24 3	010	024	GA	XK8 –8	B 2	952	00012–99999
W620	TB1 –8	F	904	E115B24 3	012	024	GA	A620S1	2		00012–99999
W620	TB1 –8	G	904	E113A24 3	010	024	GA	XK8 –8	X 2	952	00012–99999
W620	TB1 –8	H	904	E105B24 3	018	024	GA	J3	D	918	00012–00051
W620	TB1 –8	H	904	E105D24 3	024	024	GA	TB1 –6	J	904	00052–99999
W620	TB1 –8	J	904	E100H24 3	024	024	GA	TB1 –2	D	904	00052–99999
W620	TB1 –8	K	904	E287A24 3	024	024	GA	XK7 –10	X 1	952	00052–99999
W620	TB1 –8	L	952	E100J24 3	012	024	GA	A620TB3	3		00052–99999
W620	TB1 –8	N	904	E106D24 3	012	024	GA	TB1 –8	D	904	00052–99999
W620	TB1 –8	P	904	E106C24 3	024	024	GA	XK7 –9	A 1	952	00052–99999
W620	TB1 –8	R	904	E286A24 3	024	024	GA	XK7 –10	A 3	952	00052–99999
W620	TB1 –9/10	A	905	P14D24 3	010	024	GA	XK9 –3/4	X 2	952	00012–99999
W620	TB1 –9/10	B	905	P14J24 3	010	024	GA	XK9 –1/2	X 2	952	00012–99999
W620	TB1 –9/10	F	905	P14H24 3	006	024	GA	TB1 –4	F	905	00012–99999
W620	TB1 –9/10	G	905	P14G24 3	006	024	GA	TB1 –4	E	905	00012–99999
W620	TB2 –1/2	E	938	P118A12 3	006	012	SY	XK9 –1/2	A 1	938	00008–99999
W620	TB2 –3/4	E	938	P116A12 3	010	012	SY	XK9 –1/2	B 1	938	00008–99999
W620	TB2 –7/8	E	938	P115A12 3	010	012	SY	XK9 –3/4	B 1	938	00008–99999
W620	TB2 –9/10	E	938	P117A12 3	010	012	SY	XK9 –3/4	A 1	938	00008–99999
W620	XK7 –1/2	A 1	952	M1B20 3	006	020	SY	TB1 –1	B	905	00008–99999
W620	XK7 –1/2	A 2	952	M6A20 3	006	020	SY	TB1 –4	A	905	00008–99999
W620	XK7 –1/2	B 1	952	M2A22 3	060	022	SY	J3	31	916	00008–00009
W620	XK7 –1/2	B 1	952	M2A22 3	026	022	SY	J3	ZH	918	00010–99999

Table 75. W620 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W620	XK7 –1/2	B 2	952	M5A22N 3	012	022	SY	A620E3		103	00008–99999
W620	XK7 –1/2	C 1	952	M3A22 3	006	022	SY	TB1 –1	G	905	00008–99999
W620	XK7 –1/2	C 2	952	M4A22N 3	012	022	SY	A620E3		103	00008–99999
W620	XK7 –1/2	X 1	952	M1C20 3	006	020	SY	TB1 –1	C	905	00008–99999
W620	XK7 –1/2	X 2	952	M3B22 3	006	022	SY	TB1 –1	H	905	00008–99999
W620	XK7 –10	A 2	952	E286B24N 3	024	024	GA	A620E4		120	00052–99999
W620	XK7 –10	A 3	952	E286A24 3	024	024	GA	TB1 –8	R	904	00052–99999
W620	XK7 –10	X 1	952	E287A24 3	024	024	GA	TB1 –8	K	904	00052–99999
W620	XK7 –10	X 2	952	E287B24N 3	024	024	GA	A620E4		120	00052–99999
W620	XK7 –3/4	A 1	952	H8C22 3	006	022	SY	TB1 –5	B	904	00008–99999
W620	XK7 –3/4	A 2	952	H12A22 3	060	022	SY	J3	15	916	00008–00009
W620	XK7 –3/4	A 2	952	H12A22 3	024	022	SY	J3	R	918	00010–99999
W620	XK7 –3/4	X 1	952	H8B22 3	006	022	SY	TB1 –5	C	904	00008–99999
W620	XK7 –3/4	X 2	952	H9A22 3	006	022	SY	TB1 –3	F	904	00008–99999
W620	XK7 –5	A 2	952	H2A22 3	006	022	SY	TB1 –3	E	904	00008–99999
W620	XK7 –5	A 3	952	H1C22 3	006	022	SY	TB1 –5	E	904	00008–99999
W620	XK7 –5	X 1	952	H1B22 3	006	022	SY	TB1 –5	G	904	00008–99999
W620	XK7 –5	X 2	952	H3A22 3	060	022	SY	J3	19	916	00008–00009
W620	XK7 –5	X 2	952	H3A22 3	024	022	SY	J3	V	918	00010–99999
W620	XK7 –7	A 1	952	E105C24 3	024	024	GA	TB1 –6	K	904	00052–99999
W620	XK7 –7	A 2	952	E105B24 3	024	024	GA	J3	D	918	00052–99999
W620	XK7 –7	X 1	952	E99E24 3	024	024	GA	A620TB3	2		00052–99999
W620	XK7 –7	X 2	952	E99D24 3	024	024	GA	J4	ZB	918	00052–99999
W620	XK7 –8	A 2	952	E284B24N 3	033	024	GA	A620E2		120	00052–99999
W620	XK7 –8	A 3	952	E284A24 3	024	024	GA	TB1 –6	L	904	00052–99999
W620	XK7 –8	X 1	952	E285A24 3	024	024	GA	TB1 –6	R	904	00052–99999
W620	XK7 –8	X 2	952	E285B24N 3	033	024	GA	A620E1		120	00052–99999
W620	XK7 –9	A 1	952	E106C24 3	024	024	GA	TB1 –8	P	904	00052–99999
W620	XK7 –9	A 2	952	E106B24 3	024	024	GA	J4	L	918	00052–99999
W620	XK7 –9	X 1	952	E100G24 3	024	024	GA	A620TB3	4		00052–99999
W620	XK7 –9	X 2	952	E100F24 3	024	024	GA	J4	ZC	918	00052–99999
W620	XK8 –1/2	A 1	953	H14A16 3	006	016	SY	TB1 –7	D	906	00008–99999
W620	XK8 –1/2	A 2	953	H30A16 3	006	016	SY	XK8 –1/2	B 2	953	00008–99999
W620	XK8 –1/2	A 3	953	H14B16 3	006	016	SY	TB1 –7	B	906	00008–99999
W620	XK8 –1/2	B 1	953	H13A16 3	040	016	SY	A620CB26	2	262	00008–99999
W620	XK8 –1/2	B 2	953	H30A16 3	006	016	SY	XK8 –1/2	A 2	953	00008–99999
W620	XK8 –1/2	X 1	952	H2B22 3	006	022	SY	TB1 –3	J	904	00008–99999
W620	XK8 –1/2	X 2	952	H9C22 3	006	022	SY	TB1 –3	P	904	00008–99999
W620	XK8 –10	A 1	952	E97D22 3	006	022	SY	TB1 –2	K	904	00008–99999
W620	XK8 –10	A 2	952	E109B22 3	006	022	SY	TB1 –2	P	904	00008–99999
W620	XK8 –10	X 1	952	E107A22 3	040	022	SY	A620CB12	2	126	00008–99999

Table 75. W620 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W620	XK8 –10	X 2	952	E67A24 3	060	024	GA	J3	3	916	00008–00009
W620	XK8 –10	X 2	952	E67A24 3	060	024	GA	J3	C	918	00010–00011
W620	XK8 –10	X 2	952	E67A24 3	026	024	XE	J3	C	918	00012–00051
W620	XK8 –10	X 2	952	E67A24 3	026	024	GA	J3	C	918	00052–99999
W620	XK8 –3/4	A 1	953	H11A16 3	006	016	SY	TB1 –7	C	906	00008–99999
W620	XK8 –3/4	A 2	953	H29A16 3	006	016	SY	XK8 –3/4	B 2	953	00008–99999
W620	XK8 –3/4	A 3	953	H11B16 3	006	016	SY	TB1 –7	A	906	00008–99999
W620	XK8 –3/4	B 1	953	H10A16 3	040	016	SY	A620CB56	2	262	00008–99999
W620	XK8 –3/4	B 2	953	H29A16 3	006	016	SY	XK8 –3/4	A 2	953	00008–99999
W620	XK8 –3/4	X 1	952	H2C22 3	006	022	SY	TB1 –3	A	904	00008–99999
W620	XK8 –3/4	X 2	952	H9B22 3	006	022	SY	TB1 –3	B	904	00008–99999
W620	XK8 –5	A 1	952	E124A22 3	006	022	SY	XK8 –7	A 2	952	00008–99999
W620	XK8 –5	A 2	952	E138D22 3	006	022	SY	TB1 –6	B	904	00008–99999
W620	XK8 –5	X 1	952	E138E22 3	006	022	SY	TB1 –6	C	904	00008–99999
W620	XK8 –5	X 2	952	E26C24 3	010	024	GA	J2	1	916	00008–99999
W620	XK8 –6	A 1	952	E123A22 3	006	022	SY	XK8 –8	A 2	952	00008–99999
W620	XK8 –6	A 2	952	E137K22 3	006	022	SY	TB1 –5	J	904	00008–99999
W620	XK8 –6	X 1	952	E137L22 3	006	022	SY	TB1 –5	L	904	00008–99999
W620	XK8 –6	X 2	952	E9C24 3	024	024	GA	J1	1	916	00008–99999
W620	XK8 –7	A 1	952	P60E24 3	006	024	GA	TB1 –6	G	904	00012–99999
W620	XK8 –7	A 2	952	E124A22 3	006	022	SY	XK8 –5	A 1	952	00008–99999
W620	XK8 –7	A 3	952	P60E24 3	024	024	GA	TB1 –6	G	904	00008–00011
W620	XK8 –7	B 1	952	P60G24 3	006	024	GA	A620K2	22	145	00012–99999
W620	XK8 –7	B 2	952	P60F24 3	010	024	GA	TB1 –8	A	904	00012–99999
W620	XK8 –7	X 1	952	E138F22 3	006	022	SY	TB1 –6	D	904	00008–99999
W620	XK8 –7	X 2	952	E106A24 3	024	024	GA	J2	28	916	00008–00011
W620	XK8 –7	X 2	952	E114A24 3	010	024	GA	TB1 –8	B	904	00012–99999
W620	XK8 –8	A 1	952	P58D24 3	006	024	GA	TB1 –5	R	904	00012–99999
W620	XK8 –8	A 2	952	E123A22 3	006	022	SY	XK8 –6	A 1	952	00008–99999
W620	XK8 –8	A 3	952	P58D24 3	024	024	GA	TB1 –5	R	904	00008–00011
W620	XK8 –8	B 1	952	P58F24 3	024	024	GA	A620K1	22	145	00012–99999
W620	XK8 –8	B 2	952	P58E24 3	010	024	GA	TB1 –8	E	904	00012–99999
W620	XK8 –8	X 1	952	P1H22 3	024	022	SY	TB1 –5	M	904	00008–99999
W620	XK8 –8	X 2	952	E113A24 3	010	024	GA	TB1 –8	G	904	00012–99999
W620	XK8 –8	X 2	952	E105A24 3	024	024	GA	J1	15	916	00008–00011
W620	XK8 –9	A 1	952	E98D22 3	006	022	SY	TB1 –2	B	904	00008–99999
W620	XK8 –9	A 2	952	E110B22 3	006	022	SY	TB1 –2	F	904	00008–99999
W620	XK8 –9	X 1	952	E108A22 3	040	022	SY	A620CB11	2		00008–99999
W620	XK8 –9	X 2	952	E64A24 3	024	024	GA	J4	N	918	00008–00011
W620	XK8 –9	X 2	952	E64A24 3	024	024	XE	J4	N	918	00012–00051
W620	XK8 –9	X 2	952	E64A24 3	024	024	GA	J4	N	918	00052–99999

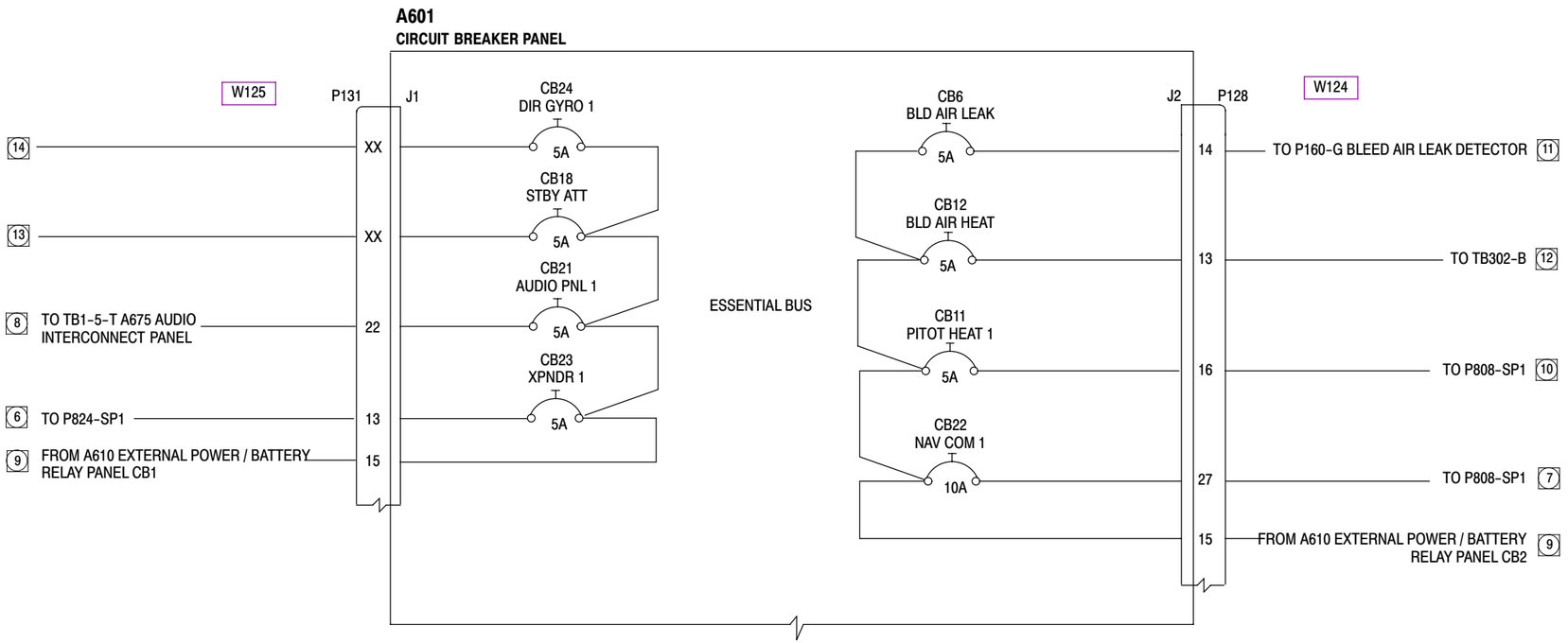
Table 75. W620 Wire List (Cont.)

	From							To			
Harness No.	Ref. Des.	Pin	Term. Code	Wire Number	Lg (In.)	Size	Type Code	Ref. Des.	Pin	Term Code	Aircraft Effectivity
W620	XK9 –1/2	A 1	938	P118A12 3	006	012	SY	TB2 –1/2	E	938	00008–99999
W620	XK9 –1/2	A 2	938	P114C12 3	006	012	SY	A620W6 –TB1	C	938	00008–99999
W620	XK9 –1/2	B 1	938	P116A12 3	010	012	SY	TB2 –3/4	E	938	00008–99999
W620	XK9 –1/2	B 2	938	P114B12 3	006	012	SY	A620W6 –TB1	B	938	00008–99999
W620	XK9 –1/2	X 1	952	P14F24 3	040	024	GA	A620CB48	1	146	00008–00071
W620	XK9 –1/2	X 1	952	P14F24 3	040	024	GA	A620CB48	1	126	00072–99999
W620	XK9 –1/2	X 2	952	P14E24 3	024	024	GA	TB1 –4	E	905	00008–00011
W620	XK9 –1/2	X 2	952	P14J24 3	010	024	GA	TB1 –9/10	B	905	00012–99999
W620	XK9 –3/4	A 1	938	P117A12 3	010	012	SY	TB2 –9/10	E	938	00008–99999
W620	XK9 –3/4	A 2	938	P113D12 3	018	012	SY	A620W7 –TB1	D	938	00008–99999
W620	XK9 –3/4	B 1	938	P115A12 3	010	012	SY	TB2 –7/8	E	938	00008–99999
W620	XK9 –3/4	B 2	938	P113C12 3	018	012	SY	A620W7 –TB1	C	938	00008–99999
W620	XK9 –3/4	X 1	952	P124A20 3	040	020	SY	A620CB18	1	126	00008–99999
W620	XK9 –3/4	X 2	952	P14D24 3	024	024	GA	TB1 –4	F	905	00008–00011
W620	XK9 –3/4	X 2	952	P14D24 3	010	024	GA	TB1 –9/10	A	905	00012–99999
W620	XK9 –5/6	A 1	952	P39F24 3	006	024	GA	TB1 –4	M	905	00008–99999
W620	XK9 –5/6	A 2	952	P34G24 3	006	024	GA	TB1 –2	T	904	00008–99999
W620	XK9 –5/6	B 2	952	P11F24 3	012	024	GA	J2	32	916	00008–99999
W620	XK9 –5/6	B 3	952	P71A24 3	006	024	GA	XK9 –7/8	B 3	952	00008–99999
W620	XK9 –5/6	C 1	952	P97A24 3	006	024	GA	A620K4	X 1	145	00008–99999
W620	XK9 –5/6	C 2	952	P91C24 3	006	024	GA	TB1 –4	J	905	00008–99999
W620	XK9 –5/6	X 1	952	P91D24 3	006	024	GA	TB1 –4	G	905	00008–99999
W620	XK9 –5/6	X 2	952	P98A24N 3	012	024	GA	A620E4		120	00008–99999
W620	XK9 –7/8	A 1	952	P39D24 3	020	024	GA	A620K5	X 1	145	00008–99999
W620	XK9 –7/8	A 2	952	P34D24 3	006	024	GA	TB1 –6	W	904	00008–99999
W620	XK9 –7/8	B 2	952	P13A24 3	024	024	GA	J1	19	916	00008–99999
W620	XK9 –7/8	B 3	952	P71A24 3	006	024	GA	XK9 –5/6	B 3	952	00008–99999
W620	XK9 –7/8	C 1	952	P70A24 3	024	024	GA	A620K3	X 1	145	00008–99999
W620	XK9 –7/8	C 2	952	P62D24 3	006	024	GA	TB1 –5	Z	904	00008–99999
W620	XK9 –7/8	X 1	952	P62C24 3	006	024	GA	TB1 –5	W	904	00008–99999
W620	XK9 –7/8	X 2	952	P72A24N 3	018	024	GA	A620E1		120	00008–99999

Section

98–60–00

Interface to Avionics Options



NOTES:
1. WXXX SYMBOL DENOTES WIRE HARNESS IDENTIFICATION. SEE WIRE HARNESS LOCATOR SECTION 98-30-00.
2. GSXXX-X DENOTES GROUND TERMINAL MODULE.
3. GSXXX DENOTES GROUND STUD.
4. (E) DENOTES GROUND TERMINATION.

5. SEE ICS INTERCONNECT DIAGRAM SECTION 98-60-00.
6. SEE TRANSPONDER INTERCONNECT DIAGRAM SECTION 98-60-00.
7. SEE COMM/NAV 1 INTERCONNECT DIAGRAM SECTION 98-60-00.
8. SEE AUDIO INTERCONNECT ASSEMBLY INTERCONNECT DIAGRAM SECTION 98-60-00.
9. SEE ELECTRICAL POWER INTERCONNECT DIAGRAM SECTION 98-40-00.
10. SEE PITOT HEAT INTERCONNECT DIAGRAM SECTION 98-60-00.
11. SEE BLEED AIR LEAK INTERCONNECT DIAGRAM SECTION 98-40-00.
12. SEE BLEED AIR INTERCONNECT DIAGRAM SECTION 98-40-00.
13. SEE STBY ATTITUDE INTERCONNECT DIAGRAM SECTION 98-60-00.
14. SEE DIR GYRO INTERCONNECT DIAGRAM SECTION 98-60-00.

9W60–001–6A

Figure 1. Essential Bus Optional Equipment Circuit Breaker Interconnect Wire Diagram

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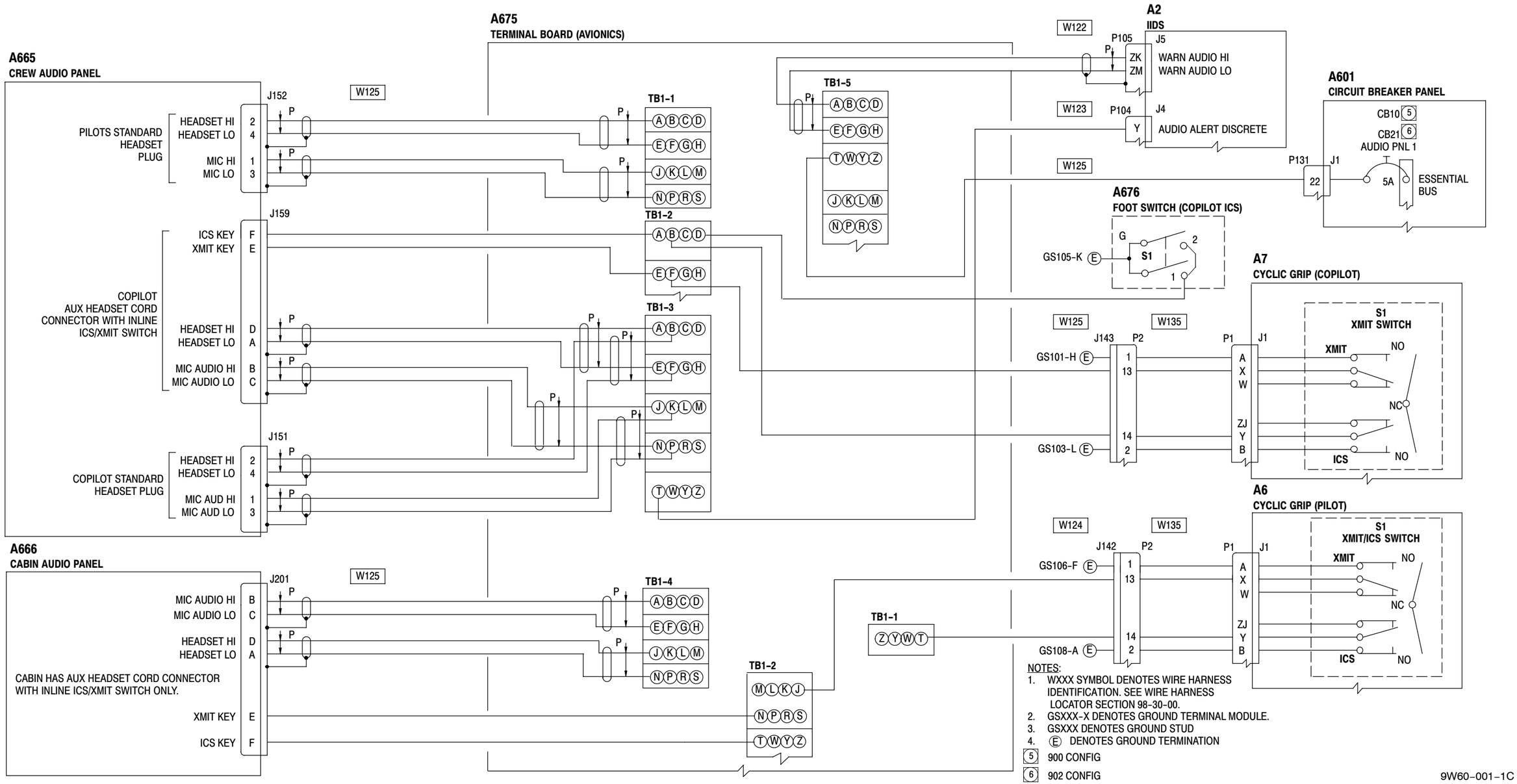

Figure 2. Intercommunications System (ICS) Interconnect Wire Diagram (Sheet 1 of 2)

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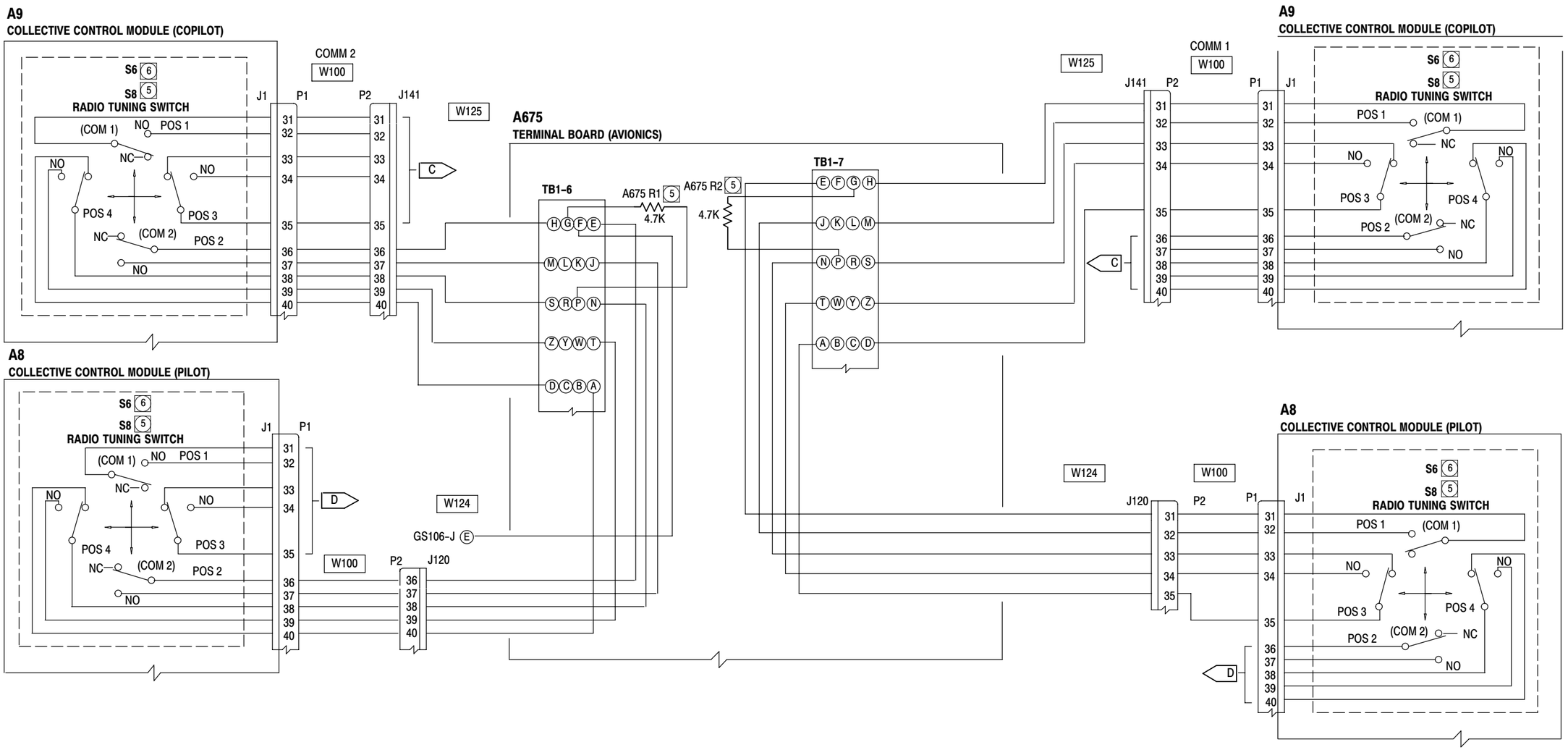

9W60–001–2C

Figure 2. Intercommunications System (ICS) Interconnect Wire Diagram (Sheet 2 of 2)

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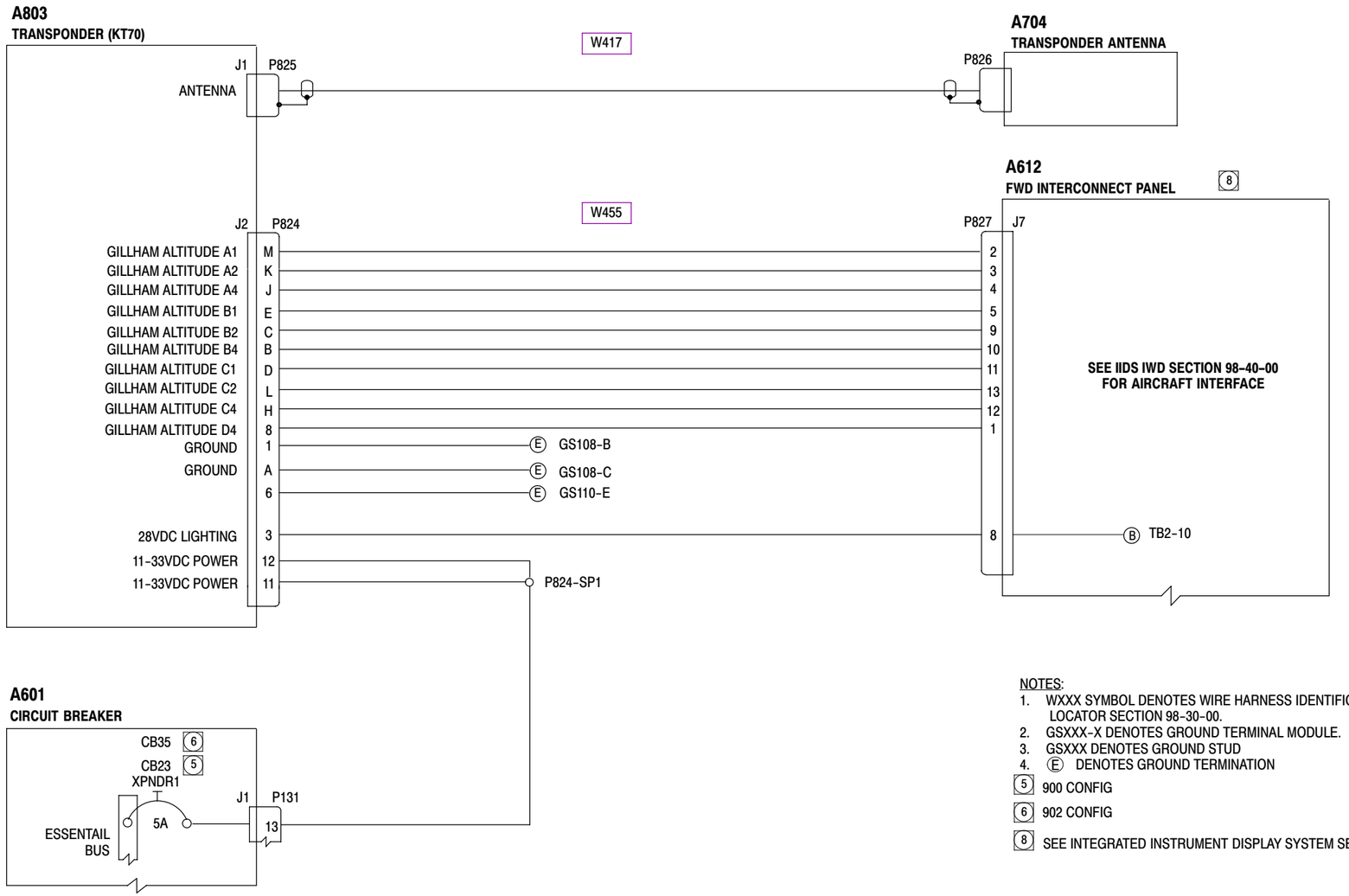

NOTES:
1. WXXX SYMBOL DENOTES WIRE HARNESS IDENTIFICATION. SEE WIRE HARNESS LOCATOR SECTION 98-30-00.
2. GSXXX-X DENOTES GROUND TERMINAL MODULE.
3. GSXXX DENOTES GROUND STUD
4. (E) DENOTES GROUND TERMINATION

(5) 900 CONFIG

(6) 902 CONFIG

(8) SEE INTEGRATED INSTRUMENT DISPLAY SYSTEM SEC.98-40-00

9W60–001–3B

Figure 3. Transponder System Interconnect Wire Diagram

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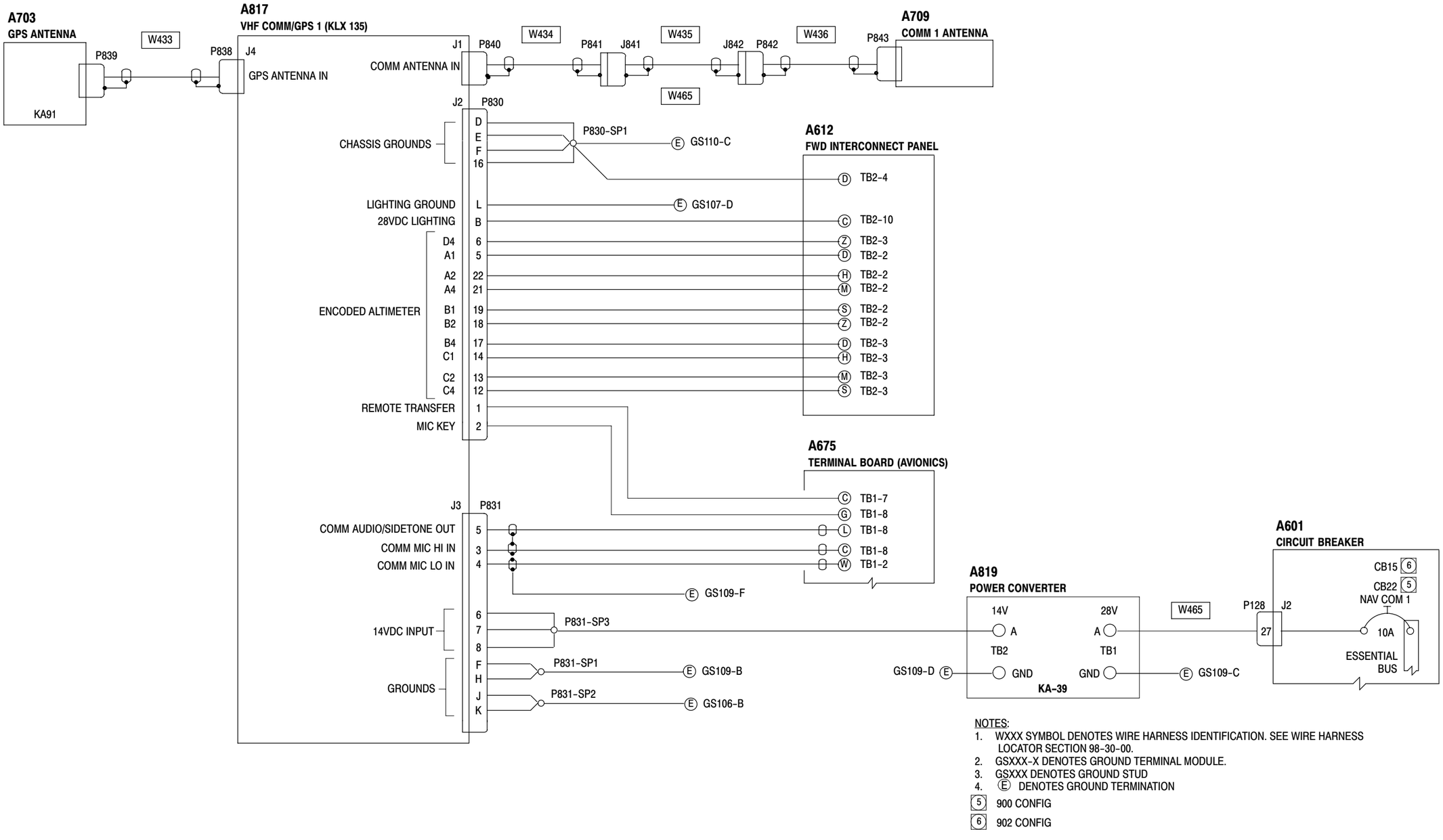

Figure 4. Comm/GPS System Interconnect Wire Diagram

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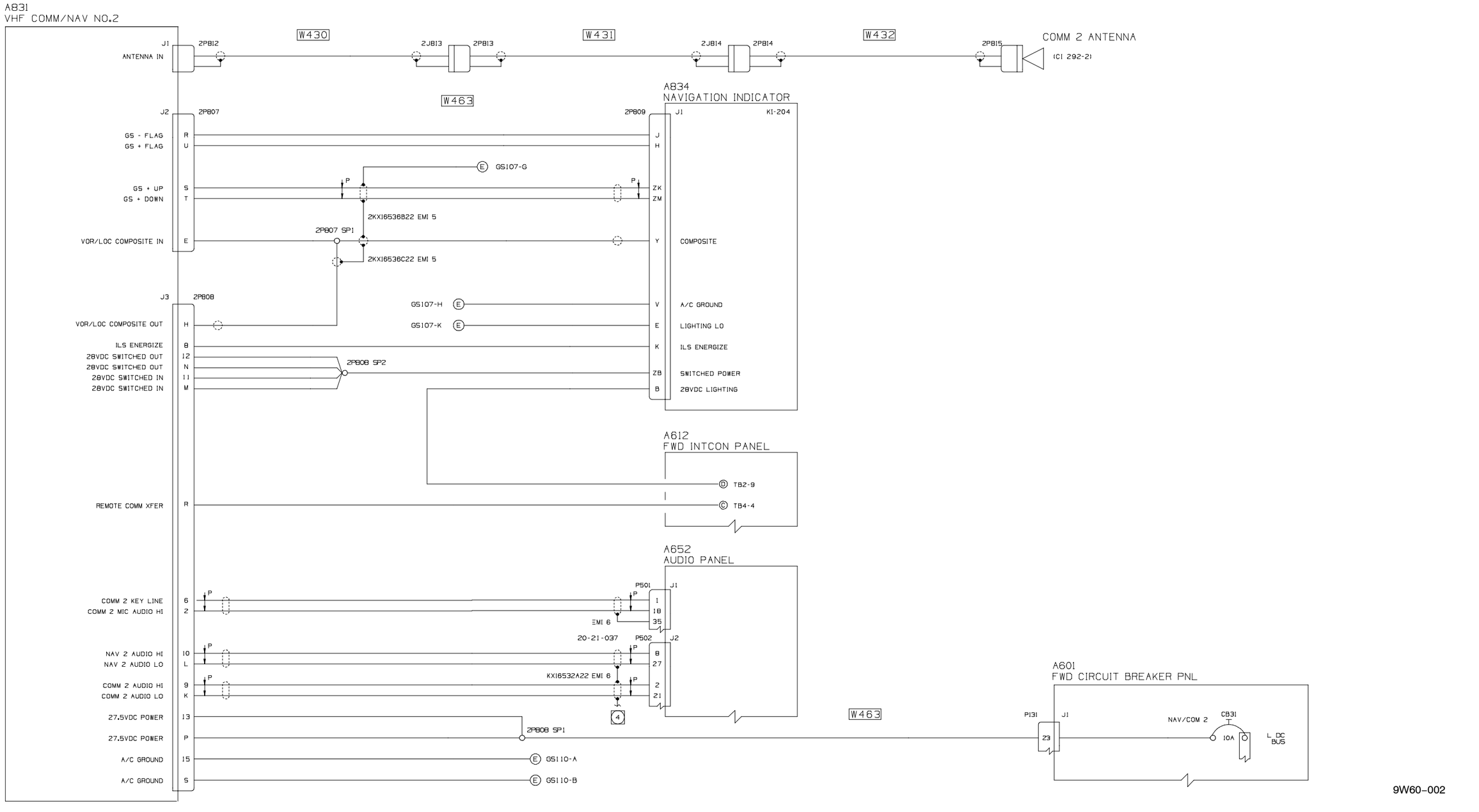

9W60-002

Figure 5. VHF Comm/Nav No. 2 (KX 165) Interconnect Wire Diagram

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