

## REVISION TRANSMITTAL

This sheet transmits Revision 1 to SB525B-34-40, which:

- A. Adds the installation of the 6397107-2 Channel Assembly and 6397107-3 Shelf Assembly to Step 7.C.
- B. Adds the 6397107-2 Channel Assembly and 6397107-3 Shelf Assembly to the MATERIAL INFORMATION section.
- C. Adds the 010-03722-00 TOLD Database Card to Step 13.B.
- D. Adds to discard the 010-03722-00 TOLD Database Card to the MATERIAL INFORMATION section.
- E. Adds instructions to Step 50 to replace the current 190-01742-01 Pilot's Guide with the new 190-02613-00 Pilot's Guide.
- F. Adds instructions to Step 50 to replace the current 190-01743-01 Cockpit Reference Guide with the new 190-02614-00 Cockpit Reference Guide.
- G. Adds Figure 2, Sheet 1 which shows the installation of the 6397107-2 Channel Assembly and 6397107-3 Shelf Assembly.

**NOTE:** This revision replaces the original issue of SB525B-34-40 in its entirety.

### REVISION COMPLIANCE

NO EFFECT. Airplanes previously modified by this service bulletin are not effected by this revision.

### LOG OF REVISIONS

Original Issue	February 26, 2021
Revision 1	March 26, 2021



**TITLE**

NAVIGATION - GARMIN HARDWARE AND SOFTWARE UPDATE TO VERSION 4.8.9

**EFFECTIVITY****MODEL**

525B (CJ3+)

**SERIAL NUMBERS**

-0057, -0451 thru -0609

**NOTE:** Textron Aviation-owned or Textron Aviation-authorized Service Centers are the only facilities that can complete this service document.

**REASON**

To install upgraded GDU 1450W Flight Displays, GEA 71C Engine Interface Units, GRS 79 AHRS Units, GDL 59 Data Links, GCU 275 PFD Controllers, GIA 64E Integrated Avionics Units, GTC 575 Touchscreen Controllers, GMA 36B Remote Audio Panels, GDL 69A SXM Data Link, a GWX Weather Radar Processor and update the Garmin G3000 software to version 4.8.9.

**DESCRIPTION**

This service document provides parts and instructions to install upgraded GDU 1450W Flight Displays, GEA 71C Engine Interface Units, GRS 79 AHRS Units, GDL 59 Data Links, GCU 275 PFD Controllers, GIA 64E Integrated Avionics Units, GTC 575 Touchscreen Controllers, GMA 36B Remote Audio Panels, GDL 69A SXM Data Link, a GWX Weather Radar Processor and update the Garmin G3000 software to version 4.8.9.

**COMPLIANCE**

OPTIONAL. This service document can be accomplished at the discretion of the owner.

A service document published by Textron Aviation may be recorded as *completed* in an aircraft log only when the following requirements are satisfied:

- 1) The mechanic must complete all of the instructions in the service document, including the intent therein.
- 2) The mechanic must correctly use and install all applicable parts supplied with the service document kit. Only with written authorization from Textron Aviation can substitute parts or rebuilt parts be used to replace new parts.
- 3) The mechanic or airplane owner must use the technical data in the service document only as approved and published.
- 4) The mechanic or airplane owner must apply the information in the service document only to aircraft serial numbers identified in the *Effectivity* section of the document.
- 5) The mechanic or airplane owner must use maintenance practices that are identified as acceptable standard practices in the aviation industry and governmental regulations.

No individual or corporate organization other than Textron Aviation is authorized to make or apply any changes to a Textron Aviation-issued service document or flight manual supplement without prior written consent from Textron Aviation.

Textron Aviation is not responsible for the quality of maintenance performed to comply with this document, unless the maintenance is accomplished at a Textron Aviation-owned Service Center.

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**APPROVAL**

Textron Aviation received FAA approval for the technical data in this publication that changes the airplane type design.

**FLIGHT CREW OPERATIONS**

Refer to the attached *Flight Crew Operations Summary*.

**CONSUMABLE MATERIAL**

No specialized consumable materials are required to complete this service document.

**TOOLING**

NAME	NUMBER	MANUFACTURER	USE
Communications Cable	25583-9020-32000-01	L3 Communications Avionics Systems 5353 52nd Street. S.E. Grand Rapids, MI 9512-3704	To download the ESI 1000 software.
USB Serial Interface Adapter	2105R or equivalent	SeaLevel Systems 830 Liberty Highway Liberty, SC 29657	To download the ESI 1000 software.
28 VDC Power Supply	EFB-20 or equivalent	Commercially Available	To supply regulated voltage.

**WEIGHT AND BALANCE INFORMATION**

Weigh the airplane before and after modification

**REFERENCES**

Cessna Model 525B Maintenance Manual  
Citation Standard Practices Manual

**PUBLICATIONS AFFECTED**

Cessna Model 525B Wiring Diagram Manual

**ACCOMPLISHMENT INSTRUCTIONS**

1. Prepare the airplane for maintenance.
  - A. Make sure that the airplane is electrically grounded.
  - B. Make sure that all switches are in the OFF/NORM position.
  - C. Disconnect electrical power from the airplane.
    - (1) Disconnect the airplane battery.
    - (2) Disconnect external electrical power.
  - D. Attach maintenance warning tags to the battery and external power receptacle that have "**DO NOT CONNECT ELECTRICAL POWER - MAINTENANCE IN PROGRESS**" written on them.
2. Remove nose baggage compartment panels 211IZ and 211HZ. (Refer to the Model 525B Maintenance Manual, Chapter 6, Access Plates and Panels Identification - Description and Operation.)
3. Make sure to record the current options installed on the airplane before removing any hardware.
4. Install two 011-03711-41 (Mod Level 1 or later) GIA 64E Integrated Avionics Units.
  - A. Remove the current 011-01105-40 GIA 63W Integrated Avionics Units and return them to Textron Aviation for exchange. (Refer to the Model 525B Maintenance Manual, Chapter 34, Garmin GIA 63W/64E Integrated Avionics Unit - Removal/Installation,)

- B. (Airplanes equipped with the Stormscope option) (Refer to Figure 1, Sheet 1.) Modify the wiring.
- (1) Open the left nose baggage compartment door.
  - (2) Remove the nose radome to get access to the Stormscope Processor. (Refer to the Model 525B Maintenance Manual, Chapter 53, Nose Radome - Maintenance Practices.
  - (3) Disengage the STORMSCOPE circuit breaker located on the right circuit breaker panel.
  - (4) Disengage the NAV IAU 1 circuit breaker located on the right circuit breaker panel in the cockpit.
  - (5) Remove the PN836 electrical connector from the Stormscope Processor.
  - (6) Remove the PN409 electrical connector from the left avionics pallet.
  - (7) Install the 26PN836-77PN409 Electrical Wire with two M39029/58-362 Connector Pins.
  - (8) Install the 77J3-70P606 Electrical Wire using two M39029/58-362 Connector Pins.
  - (9) Install the PN836 Electrical Connector in the Stormscope Processor.
  - (10) Install the PN409 electrical connector in the left avionics pallet.
  - (11) Engage the STORMSCOPE circuit breaker located in the aft power J-box in the aft baggage compartment.
  - (12) Engage the NAV IAU 1 circuit breaker located on the right circuit breaker panel in the cockpit.
- C. (Refer to Figure 1, Sheet 6.) Do the GIA 64E Wiring Modification. (Refer to the Citation Standard Practices Manual, Chapter 20, Splices, Terminals and Heat Shrinkable Tubing - Maintenance Practices.)
- (1) Install the 1P603-69J4 (ORN), 21P603-70J4 (WHT/ORN), 40P603-71J4 (BLU), 60P603-72J4 (WHT/BLU)] Ethernet Cable with four M39029/56-351 Contacts, four M39029/58-363 Contact Pins and two S2974-8 Shield Terminations.
  - (2) Install the 21P603-70J4 (WHT/ORN), 1P603-69J4 (ORN), 60P603-72J4 (WHT/BLU), 40P603-71J4 (BLU) Ethernet Cable with four M39029/56-351 Contacts, four M39029/58-363 Contact Pins and two S2974-8 Shield Terminations.
  - (3) Install the 69PN411-71PN412 (ORN), 70PN411-72PN412 (WHT/ ORN), 71PN411-69PN412 (BLU), 72PN411-70PN412 (WHT/BLU) Ethernet Cable with four M39029/56-351 Contacts, four M39029/58-363 Contact Pins and two S2974-8 Shield Terminations.
- D. Install the new 011-03711-41 GIA 64E Integrated Avionics Units. (Refer to the Model 525B Maintenance Manual, Chapter 34, Garmin GIA 63W/64E Integrated Avionics Unit - Removal/Installation.)
5. Install two 011-03682-04 GEA 71C Engine Interface Units.
- A. Remove the current 011-00831-05 GEA 71C Engine Interface Units and return them to Textron Aviation for exchange. (Refer to the Model 525B Maintenance Manual, Chapter 77, Garmin GEA 71C/71H Engine/Airframe Interface Unit - Removal/Installation (Airplanes -0057 and -0451 and On.))
- B. (Refer to Figure 1, Sheet 2.) Do the Oxygen Pressure wiring modification. (Refer to the Citation Standard Practices Manual, Chapter 20, Splices, Terminals and Heat Shrinkable Tubing - Maintenance Practices.)
- (1) Remove the electrical wires from pins 56PT409 and 57PT409 and repin in 8PT409 and 9PT409.

- C. (Refer to Figure 1, Sheet 4.) Install the 011-00979-03 Configuration Modules in the PT407 and PT408 Connector. (Refer to the Citation Standard Practices Manual, Chapter 20, Splices, Terminals and Heat Shrinkable Tubing - Maintenance Practices.)

**NOTE:** The 011-00979-03 Configuration Module gets installed inside of the existing PT407 Connector.

**NOTE:** The pins for the wires are existing in the PT407 and PT408 Connector.

- (1) Install the 011-00979-03 Configuration Module in the PT407 Connector.
- (2) Install the 011-00979-03 Configuration Module in the PT408 Connector.

- D. Install the new 011-03682-04 GEA 71C Engine Interface Units. (Refer to the Model 525B Maintenance Manual, Chapter 77, Garmin GEA 71C/71H Engine/Airframe Interface Unit - Removal/Installation (Airplanes -0057 and -0451 and On.))

6. Install one 011-03997-00 GWX Weather Radar Processor.

- A. Remove the current 011-01768-00 GWX 70 Weather Radar Processor and return it to Textron Aviation for exchange. (Refer to the Model 525B Maintenance Manual, Chapter 34, Garmin GWX 70/80 Weather Radar - Maintenance Practices (Airplanes -0451 and On.))
- B. Install the new 011-03997-00 GWX Weather Radar Processor. (Refer to the Model 525B Maintenance Manual, Chapter 34, Garmin GWX 70/80 Weather Radar - Maintenance Practices (Airplanes -0451 and On.))

7. Install three 011-04187-00 GDU1450W Flight Displays.

- A. Remove the current 011-01910-00 GDU1400W Flight Displays and return them to Textron Aviation for exchange. (Refer to the Model 525B Maintenance Manual, Chapter 34, Garmin GDU 1400/1450W Flight Display - Removal/Installation.)
- B. Install the new 011-04187-00 GDU1450W Flight Displays. (Refer to the Model 525B Maintenance Manual, Chapter 34, Garmin GDU 1400/1450W Flight Display - Removal/Installation.)

8. Install two 011-03732-00 GRS 79 AHRS Units.

- A. Remove the current 011-00868-10 GRS 77 AHRS Units. Return the current 011-00868-10 GRS 77 AHRS Units to Textron Aviation for exchange. (Refer to the Model 525B Maintenance Manual, Chapter 34, Garmin GRS 77/79 AHRS Unit - Removal/Installation (Airplanes -0057 and -0451 and On.))
- B. (Refer to Figure 1, Sheet 5.) Do the GRS79 Jumper Wiring Modification. (Refer to the Citation Standard Practices Manual, Chapter 20, Splices, Terminals and Heat Shrinkable Tubing - Maintenance Practices.)

**NOTE:** It will be necessary to assemble two GRS79 Jumper Wiring Modifications. One for each GRS 79 AHRS Units

- (1) Install the wires.

**NOTE:** The P3 Configuration Module is part of the 011-03733-00 GRS 79 Connector Kits.

- (a) Install the 14P1-18J2 Electrical Wire in the DD44S00GV30 Hi Density 44S Connector using one M39029/57-354 Socket Contact.
- (b) Install the 16P1-20J2 Electrical Wire in the DD44S00GV30 Hi Density 44S Connector using one M39029/57-354 Socket Contact
- (c) Install the 34P1-22J2 Electrical Wire in the DD44S00GV30 Hi Density 44S Connector using one M39029/57-354 Socket Contact
- (d) Install the 36P1-24J2 Electrical Wire in the DD44S00GV30 Hi Density 44S Connector using one M39029/57-354 Socket Contact

- (e) Install the 51P1-26J2 (WHT), 52P1-11J2 (BLU), 32P1-41J2 (ORN) Electrical Wire in the DD44S00GV30 Hi Density 44S Connector using three M39029/57-354 Socket Contacts and one S2974-8 Shield Termination.
  - (f) Install the 71P1-21J2 (WHT), 72P1-6J2 (BLU), 73P1-35J2 (ORN)] Electrical Wires in the DD44S00GV30 Hi Density 44S Connector using three M39029/57-354 Socket Contacts and one S2974-8 Shield Termination,
  - (g) Install the 10P1-25J2 (WHT), 11P1-39J2 (BLU) Electrical Wire in the DD44S00GV30 Hi Density 44S Connector using two M39029/57-354 Socket Contact and one S2974N4 Shield Termination.
  - (h) Install the 12P1-10J2 (WHT), 13P1-9J2 (BLU), 33P1-40J2 (ORN) Electrical Wire in the DD44S00GV30 Hi Density 44S Connector using three M39029/57-354 Socket Contacts and one S2974-8 Shield Termination.
  - (i) Install the 27P1-14J2 (WHT), 7P1-29J2 (BLU) Electrical Wire in the DD44S00GV30 Hi Density 44S Connector using two M39029/57-354 Socket Contacts and one S2974N4 Shield Termination
  - (j) Install the 49P1-13J2 (WHT), 50P1-28J2 (BLU) Electrical Wire in the DD44S00GV30 Hi Density 44S Connector using two M39029/57-354 Socket Contacts and one S2974N4 Shield Termination.
  - (k) Install the 8P1-12J2 (WHT), 9P1-27J2 (BLU) Electrical Wire in the DD44S00GV30 Hi Density 44S Connector using two M39029/57-354 Socket Contacts and one S2974N4 Shield Termination.
  - (l) Install the 28P1-33J2 (WHT)-29P1-19J2 (BLU) Electrical Wire in the DD44S00GV30 Hi Density 44S Connector using two M39029/57-354 Socket Contacts and one S2974N4 Shield Termination.
  - (m) Install the 45P1-15J2 (WHT), 46P1-30J2 (BLU) Electrical Wire in the DD44S00GV30 Hi Density 44S Connector using two M39029/57-354 Sockets Contact and one S2974N4 Shield Termination.
  - (n) Install the 75P1-2J2 (WHT), 57P1-3J2 (BLU) Electrical Wire in the DD44S00GV30 Hi Density 44S Connector using two M39029/57-354 Socket Contacts and one S2974N4 Shield Termination.
- (2) Install the J2 connector of one adapter in the number 1 GRS 77 connector and the J2 connector of the adapter in the number 2 GRS 77 Connector.
  - (3) Install the opposite end to the electrical wires in the 011-03733-00 GRS 79 Connector Kits.

**NOTE:** The contacts for the electrical wires are included in the 011-03733-00 GRS 79 Connector Kits.

- C. (Refer to Figure 2 Detail A and View A-A.) Install two new 117-00608-00 GRS 79 Remote Racks.
  - (1) Remove and keep the MS27039-0808 Screws from the two 115-00459-00 GRS 77 Mounting Racks.
  - (2) Remove and discard the two 115-00459-00 GRS 77 Mounting Racks.
  - (3) Install two 6397107-2 Channel Assemblies with the kept MS27039-0808 Screws.
  - (4) Install the 6397107-3 Shelf Assembly with four MS35206-245 Screws.
  - (5) Install each 117-00608-00 GRS 79 Remote Rack with four NAS1801-3-8 Screws.
- D. Install the new 011-03732-00 GRS 79 AHRS Units. (Refer to the Model 525B Maintenance Manual, Chapter 34, Garmin GRS 77/79 AHRS Unit - Removal/Installation (Airplanes -0057 and -0451 and On.))



9. (Airplanes equipped with a Garmin Iridium Phone) Install one 011-01746-03 GDL 59 Data Link Unit.
  - A. Remove the current 011-01746-00 GDL 59 Data Link Unit and return it to Textron Aviation for exchange. (Refer to the Model 525B Maintenance Manual, Chapter 23, Garmin GDL 59 WI-FI Data Link System - Maintenance Practices.)
  - B. Install the new 011-01746-03 GDL 59 Data Link Unit. (Refer to the Model 525B Maintenance Manual, Chapter 23, Garmin GDL 59 WI-FI Data Link System - Maintenance Practices.)
10. Install two 011-01983-20 GCU 275 PFD Controllers.
  - A. Remove the current 011-01983-01 GCU 275 PFD Controllers and return them to Textron Aviation for exchange. (Refer to the Model 525B Maintenance Manual, Chapter 34, Garmin GCU 275 PFD Controller - Removal/Installation.)
  - B. Install the new 011-01983-20 GCU 275 PFD Controllers. (Refer to the Model 525B Maintenance Manual, Chapter 34, Garmin GCU 275 PFD Controller - Removal/Installation.)
11. Install two 011-03759-01 (Mod Level 1 or later) GTC 575 Touchscreen Controllers.
  - A. Remove the current 011-01924-10 GTC 570 Touchscreen Controllers and return them to Textron Aviation for exchange. (Refer to the Model 525B Maintenance Manual, Chapter 34, Garmin GTC 570/575 Touchscreen Controller (GTC) - Removal/Installation.)
  - B. Install the new 011-03759-01 GTC 575 Touchscreen Controllers. (Refer to the Model 525B Maintenance Manual, Chapter 34, Garmin GTC 570/575 Touchscreen Controller (GTC) - Removal/Installation.)
12. Install two 011-04093-00 GMA 36B Remote Audio Panels.
  - A. Remove the current 011-01793-00 GMA 36B Remote Audio Panels and return them to Textron Aviation for exchange. (Refer to the Model 525B Maintenance Manual, Chapter 23, Garmin GMA 36/36B Remote Audio Panel - Removal/Installation (Airplanes -0057 and -0451 and On).)
  - B. (Refer to Figure 1, Sheet 3.) Do the DME Option Wiring Modification. (Refer to the Citation Standard Practices Manual, Chapter 20, Splices, Terminals and Heat Shrinkable Tubing - Maintenance Practices.)
    - (1) Remove the electrical wire from pins 74PI548 and 75PI548 and install in pins 31PI548 and 52PI548.
    - (2) Remove the electrical wire from pins 15PI523 and 16PI523 and install in pins 54PI523 and 55PI523.
  - C. Install the new 011-04093-00 GMA 36B Remote Audio Panels. (Refer to the Model 525B Maintenance Manual, Chapter 23, Garmin GMA 36/36B Remote Audio Panel - Removal/Installation (Airplanes -0057 and -0451 and On).)
13. (Airplanes equipped with GDL 69 SXM Data Link) Install one 011-03177-10 GDL 69A SXM Data Link.
  - A. Remove the current 011-00987-00 GDL 69A SXM Data Link and return it to Textron Aviation for exchange. (Refer to the Model 525B Maintenance Manual, Chapter 34, Garmin GDL 69A/69A SXM Data Link System - Maintenance Practices (Airplanes -0057 and -0451 and On).)
  - B. Install the new 011-03177-10 GDL 69A SXM Data Link. (Refer to the Model 525B Maintenance Manual, Chapter 34, Garmin GDL 69A/69A SXM Data Link System - Maintenance Practices (Airplanes -0057 and -0451 and On).)
14. Remove the SD cards.
  - A. Remove all of the SD cards from the L PFD, MFD, and R PFD.



- B. Discard the SD cards that follow or return them for core charge:

**NOTE:** Textron Aviation provided the SD cards in a blue software pouch that was included as loose equipment at the time of delivery.

**NOTE:** Optional SD cards will be required as cores to receive the new optional SD cards at no cost.

- 010-01293-10 G3000 Base Loader card
- 010-03722-00 TOLD Database Card

**NOTE:** With 4.8 Software, the TOLD Database is loaded from the Base Loader Card

- 9102016-11 Cessna G3000 Default Pilot Profile card
- 9145505-1 Cessna CJ3+ Maintenance card (installed in the top slot of the MFD)

**NOTE:** The 9145505-1 Cessna 525 CJ3+ Maintenance card must be discarded before the new software is opened. There is a difference between the 9145505-1 Cessna 525 CJ3+ Maintenance card that is currently with the airplane and the 9145505-1 Cessna 525 CJ3+ Maintenance card that is required to complete this service bulletin.

- 010-00330-D2 Garmin Doppler Turbulence card (if installed)
- 010-00330-DA Ground Clutter Suppression Card (if installed)

**NOTE:** The return of the 010-00330-DA Ground Clutter Suppression Card won't be accepted. A purchase of a new 010-00330-DE Garmin Doppler Turbulence Card is required to keep the GCS functionality.

- 010-00330-55 SVS unlock data card (if installed)
- 010-00330-F0 CPDLC unlock card (if installed)
- Three 010-00474-44 SD Database Cards
- 010-00330-E6 ACARS Enablement Card (if installed)
- 010-00330-5E Surfacewatch Enablement Card (if installed)
- 010-00330-56 TAWS-A Enablement Card (if installed)

- C. The cards that follow must be available before the software is installed:

- 010-01908-00 Garmin V4.8 Base Software Card
- 010-00330-DE Garmin Doppler Turbulence Card (if installed)
- 010-00330-5M SVS unlock data card (if installed)
- 010-00330-FA CPDLC unlock card (if installed)
- 9145505-1 Cessna 525B Maintenance Card
- 9102016-15 Default Pilot Profile
- One 010-00474-52 SD Database Card
- 010-00330-EB ACARS Enablement Card (if installed)

**NOTE:** Airplanes with Universal WX provider will need to switch to ARINC Direct, SATCOM Direct, or Honeywell CDC.

- 010-00330-5K Surfacewatch Enablement Card (if installed)
- 010-00330-5N TAWS-A Enablement Card (if installed)

15. Remove the maintenance warning tags and connect the airplane batteries.

**NOTE:** The G3000 avionics system may lock up if external electrical power is removed during software loading. Connecting the battery is suggested to reduce the risk of locking up the G3000 avionics system if external power is interrupted.

16. Connect a 28 volt external power supply to the airplane.

17. Do the Complete Software Loading procedures. (Refer to the Model 525B Maintenance Manual, Chapter 34, Garmin G3000 Integrated Avionics System - Adjustment/Test Airplanes with Software Version 4.8 or later.)

- A. From the GTC Home page, do the steps that follow:

- (1) Select Utilities>Setup>Avionics Status.
- (2) Scroll down until the GTS status is shown.
- (3) Make sure the GTC Software is version 3.14.

18. (Airplanes equipped with the Clarity System) Update the Clarity system.
  - A. Install the Clarity App on a Wi-Fi capable device.
    - (1) Search for Clarity in the App Store® or Google Play®.
    - (2) In devices browser, go to web page: [www.clarity-wireless.com](http://www.clarity-wireless.com).
    - (3) While device is connected to the aircraft Wi-Fi, in device browser type 192.168.1.70 in the address bar.
  - B. Download latest Clarity software version.
    - (1) Obtain a blank 2GB USB thumb drive.
    - (2) Go to [www.txtavsupport.com](http://www.txtavsupport.com) / Model Citation 525B / Maintenance Software / Heads Up Technologies Clarity™ Wireless Server.
    - (3) Download the update.zip (Version 8.18 or later) file to the desktop of the computer.
    - (4) Extract the file to the desktop.
    - (5) Transfer the extracted Update file to the USB thumb drive.
  - C. Insert the USB thumb drive into the USB port located behind cabin seat #6.
  - D. Wait 2 to 3 minutes for the Clarity system to initialize.
  - E. Connect a Wi-Fi capable device to the aircraft Wi-Fi.
  - F. Open the Clarity App.
  - G. Select the PREFERENCES button.
  - H. Select the ADMIN tab at the top of the screen.
  - I. Select Password and type H3ad5up56 and push the Login button.
  - J. Push the START UPDATE button.
  - K. If prompted, select COMMIT to continue loading.
  - L. When prompted, cycle the power switch, wait 1 minute then re-engage switch.
  - M. Remove the USB thumb drive that was inserted in the USB port located behind cabin seat #6.
  - N. Wait 2 to 3 minutes for the Clarity system to initialize.
  - O. Connect a Wi-Fi capable device to the aircraft Wi-Fi.
  - P. Open the Clarity App.
  - Q. Verify the software version.
    - (1) Select the PREFERENCES button.
    - (2) Select the ADMIN tab at the top of the screen.
    - (3) The current software version will be displayed below the ENTER PASSWORD.
    - (4) The software version should match the version listed that was downloaded from [www.txtavsupport.com](http://www.txtavsupport.com).
19. Update the ESI-1000 (Electronic Standby Indicator) Configuration.
  - A. Make sure that the BATTERY switch and the STBY FLT DISPLAY switch on the ELECTRICAL POWER switch panel in the cockpit are at the OFF position

- B. Pull the ESI-1000 Electronic Standby Indicator forward to get access to the electrical connector. (Refer to the Model 525B Maintenance Manual, Chapter 34, L-3 Communications Electronic Standby indicator - Removal/Installation.)
- NOTE:** Do not remove the piot static lines from the ESI-1000 Electronic Standby Indicator.
- C. Remove the electrical connector from the ESI-1000 Electronic Standby Indicator.
- D. Connect the external power supply to the 25583-9020-32000-01 Communications Cable.
- E. Connect the opposite end of the 25583-9020-32000-01 Communications Cable to the ESI-1000 Electronic Standby Indicator.
- F. Connect the ESI-1000 to a computer using the 2105R USB Serial Interface Adapter.
- G. Make sure the computer has software installed equivalent to 567-6217-01 Revision 1.00 or higher.
- (1) If the computer does not have the L3 Trilogy Software, do the steps that follow:
    - (a) Go to the Citation Service Center Technicians Home Page.
    - (b) Click on the L3 Software link under the Technical Links then click on the L3 Software folder.
    - (c) Download the L3 Trilogy Software folder.
    - (d) Open the Volume folder.
    - (e) Select the setup.exe.
    - (f) Follow the instructions for installation of the software.
    - (g) If requested during software installation, download and install the 2015R Driver from the L3 Trilogy Software folder.
- H. Turn on electrical power while holding down the M button on the ESI-1000.
- NOTE:** A 28 Volt power supply is needed. The ESI-1000 connector used in Step 18.B removes the ESI-1000 from power.
- I. Enter the code 48-52-36 into the access screen. Use the S (SELECT) button to move between fields and the + (INCREMENT) button and - (DECREMENT) button to adjust the numbers in the selected field.
- J. When the correct code is entered the main menu appears within five seconds.
- K. Open the L3 Trilogy configuration tool on the PC and acknowledge the export compliance window by selecting OK.
- L. Get the 6308651-3 Zip file.
- (1) Go to the Citation Service Center Technicians Home Page.
    - (a) Click on the L3 Software folder link under Technical Links then click on the L3 Software folder.
    - (b) Click on the L3 Trilogy Configuration File folder.
    - (c) Download the 6308651 folder and save to the computer desktop.
- M. Select the GET FROM FILE icon and browse to the location of the configuration file and select the file obtained in Step 18.L.
- N. A popup window will be shown with selections.
- (1) Select SAVE.
- O. Once the data is successfully written, turn off the power supply and wait at least 10 seconds.
- (1) Make sure there is no ATTITUDE FAIL message.

- P. Select OK and at the next prompt enter the serial number of the unit to save a TXT FILE.
- (1) Select DONE.
- Q. DATA WRITTEN TO UNIT SUCCESSFULLY should appear.
- (1) Select OK.
- R. Close the L3 Trilogy Configuration Software Tool software.
- S. Turn the external power supply off.
- T. Disconnect the 2105R USB Serial Interface Adapter and 26683-9020-32000-01 Communications Cable from the ESI-1000 and the external power supply.
- U. Install the ESI-1000 Electronic Standby Indicator that was removed. (Refer to the Model 525B Maintenance Manual, Chapter 34, L-3 Communications Electronic Standby indicator - Removal/Installation.)
20. Do the AReS II Recording System Configuration with the 6308913-4 (525b-13.3.0.1 cfg) AReS II Configuration File. (Refer to the Model 525B Maintenance Manual, Chapter 31, Aircraft Recording System - Adjustment/Test or SB525B-31-04 *Indicating/Recording Systems - AReS II Software Update*.)
21. (Airplanes equipped with the Stormscope option) Do a functional test of the Stormscope weather mapping system. (Refer to the Model 525B Maintenance Manual, Chapter 34, WX-1000E Stormscope Weather Mapping System - Adjustment/Test.)
22. Do the AHRS Calibration and Test. (Refer to the Model 525B Maintenance Manual, Chapter 34, Garmin Attitude Heading Reference System (AHRS) - Adjustment/Test.
23. Do the COM 1 and COM 2 Communication System Tuning Test. (Refer to the Model 525B Maintenance Manual, Chapter 34, Garmin GIA 63W/64E Integrated Avionics Unit - Adjustment/Test.)
24. Do the COM 1 Emergency Tune Operational Test. (Refer to the Model 525B Maintenance Manual, Chapter 34, Garmin GIA 63W/64E Integrated Avionics Unit - Adjustment/Test.)
25. Do the COM 1 and COM 2 Communication System Operational Check. (Refer to the Model 525B Maintenance Manual, Chapter 34, Garmin GIA 63W/64E Integrated Avionics Unit - Adjustment/Test.)
26. Do the VOR/Localizer 1 and VOR/Localizer 2 Operational Test. (Refer to the Model 525B Maintenance Manual, Chapter 34, Garmin GIA 63W/64E Integrated Avionics Unit - Adjustment/Test.)
27. Do the Glideslope 1 and Glideslope 2 Operational Test. (Refer to the Model 525B Maintenance Manual, Chapter 34, Garmin GIA 63W/64E Integrated Avionics Unit - Adjustment/Test.)
28. Do the GPS 1 and GPS 2 Operational Test. (Refer to the Model 525B Maintenance Manual, Chapter 34, Garmin GIA 63W/64E Integrated Avionics Unit - Adjustment/Test.)
29. Do the GMC 710 Mode Controller Check. (Refer to the Model 525B Maintenance Manual, Chapter 34, Garmin GIA 63W/64E Integrated Avionics Unit - Adjustment/Test.)
30. Do the Passenger Address System Operational Test. (Refer to the Model 525B Maintenance Manual, Chapter 34, Garmin GIA 63W/64E Integrated Avionics Unit - Adjustment/Test.)
31. Do the Collins ALT-4000 Radio Altimeter System Test. (Refer to the Model 525B Maintenance Manual, Chapter 34, Garmin GIA 63W/64E Integrated Avionics Unit - Adjustment/Test.)
32. Do the DME Operational Test (GTC Control Function). (Refer to the Model 525B Maintenance Manual, Chapter 34, Collins DME-4000 Distance Measuring Equipment (DME) - Adjustment/Test (Airplanes -0057 and -0451 and On)
33. Do an operational check of the Engine Indication System. (Refer to the Model 525B Maintenance Manual, Chapter 77, Engine Indication System - Adjustment/Test.)
34. Do the Garmin Weather Radar Operational Test. (Refer to the Model 525B Maintenance Manual, Chapter 34, Garmin GWX 70/80 Weather Radar - Adjustment/Test.)

35. Do the GDU Operational Status Test. (Refer to the Model 525B Maintenance Manual, Chapter 34, Garmin 1400W/1450W Flight Display - Adjustment/Test.)
36. Do the PFD TAWS self test. (Refer to the Model 525B Maintenance Manual, Chapter 34, Garmin 1400W/1450W Flight Display - Adjustment/Test.)
37. Do the Reversionary Display operation test. (Refer to the Model 525B Maintenance Manual, Chapter 34, Garmin 1400W/1450W Flight Display - Adjustment/Test.)
38. (Airplanes equipped with Garmin GDL 59 Wi-Fi Data Link) Do an operational check of the Garmin GDL 59 Wi-Fi Data Link System. (Refer to the Model 525B Maintenance Manual, Chapter 23, Garmin GDL 59 Wi-Fi Data Link System - Adjustment/Test.)
39. Do an operational test of the GCU 275 GCU PFD Controller. (Refer to the Model 525B Maintenance Manual, Chapter 34, Garmin GCU 275 PFD Controller - Adjustment/Test.)
40. Do an operational test of the GTC 575 Controller. (Refer to the Model 525B Maintenance Manual, Chapter 34, Garmin GTC 570/575 Touchscreen Controller (GTC) - Adjustment/Test.)
41. Do a functional test of the ESI-1000. (Refer to the Model 525B Maintenance Manual, Chapter 34, L-3 Communications Electronic Standby Indicator - Adjustment/Test.)
42. Do the Power and Circuit Breaker Test. (Refer to the Model 525B Maintenance Manual, Chapter 23, Garmin GMA 36/36B Integrated Audio System - Adjustment/Test.)
43. Do the Headset Microphone and Isolation Operational Test. (Refer to the Model 525B Maintenance Manual, Chapter 23, Garmin GMA 36/36B Integrated Audio System - Adjustment/Test.)
44. Do the Marker Beacon Operational Test. (Refer to the Model 525B Maintenance Manual, Chapter 23, Garmin GMA 36/36B Integrated Audio System - Adjustment/Test.)
45. Do the Microphone/Interphone Switch Operational Check. (Refer to the Model 525B Maintenance Manual, Chapter 23, Garmin GMA 36/36B Integrated Audio System - Adjustment/Test.)
46. (Airplanes equipped with Garmin 69A/69A SXM Data Link) Do an operational test of the Garmin 69A/69A SXM Data Link system. (Refer to the Model 525B Maintenance Manual, Chapter 34, Garmin GDL 69A/69A SXM Data Link System - Adjustment/Test.)
47. Remove the external electrical power supply from the airplane.
48. Install the nose radome. (Refer to the Model 525B Maintenance Manual, Chapter 53, Nose Radome - Maintenance Practices.)
49. Install nose baggage compartment panels 211IZ and 211HZ. (Refer to the Model 525B Maintenance Manual, Chapter 6, Access Plates and Panels Identification - Description and Operation.)
50. Close the left nose baggage door.
51. Update the CJ3+ FAA Approved Airplane Flight Manual (525BFMA) and checklists (525BCLANP and 525BCLAEAP).

**NOTE:** Look at the configuration codes listed in the applicable supplement and/or in Section 1 of the FAA Approved Airplane Flight Manual to make sure all changed crew procedures or limitations are complied with.

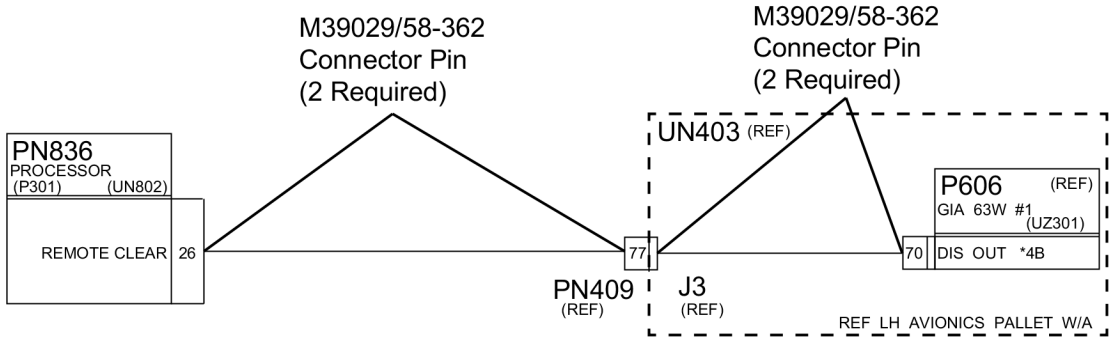
- A. Make sure that 525BFMA FAA Approved Airplane Flight Manual Revision 3 or later is used.
- B. Make sure that the CJ3+ Normal Procedures Checklist (525BCLANP) Revision 3 or later is used.
- C. Make sure that the CJ3+ Emergency and Abnormal Procedures Checklist (525BCLAEAP) Revision 3 or later is used.
- D. Remove and discard the current 190-01742-01 Pilot's Guide from the airplane.
- E. Make sure the new 190-02613-00 Pilot's Guide is used.
- F. Remove and discard the current 190-01743-01 Cockpit Reference Guide from the airplane.

- G. Make sure the new 190-02614-00 Cockpit Reference Guide is used.
52. Make sure the flight crew receives the *Flight Crew Operations Summary*, which shows the operational changes that are a result of the accomplishment of this service bulletin.
  53. Remove the maintenance warning tags and connect the airplane battery.
  54. Make an entry in the airplane logbook that states compliance and method of compliance with this service document.

**NOTE:** Textron Aviation recommends that compliance with all service documents is reported to a maintenance tracking system provider.

- Complete a record of compliance. (Maintenance Transaction Report, Log Book Entry, or other record of compliance.)
- Put a copy of the completed record of compliance in the airplane logbook.
- Send a copy of the completed record of compliance to the maintenance tracking system provider used.

A110944

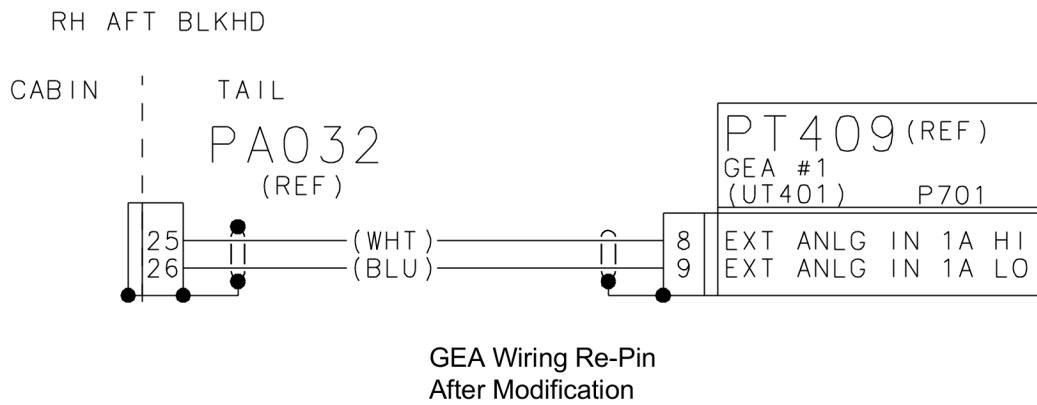
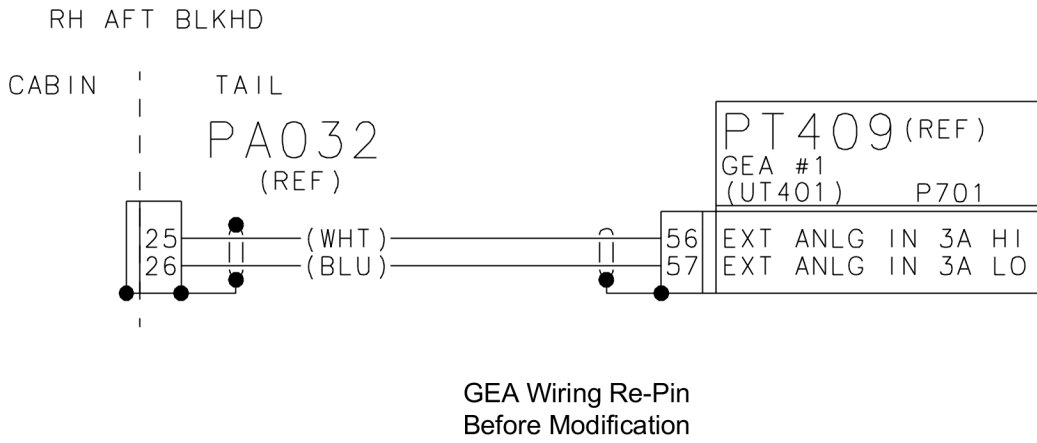


Airplanes Equipped with the Stormscope Option

Figure 1. Wiring Modification (Sheet 1)



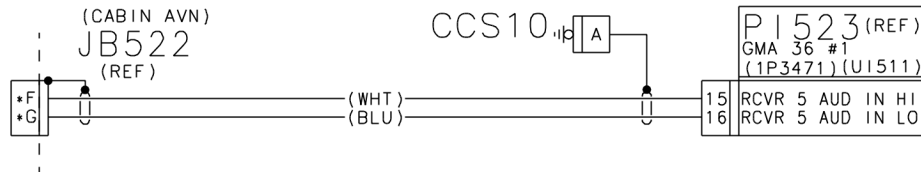
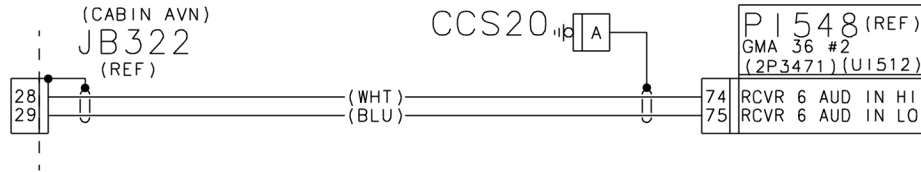
A110945



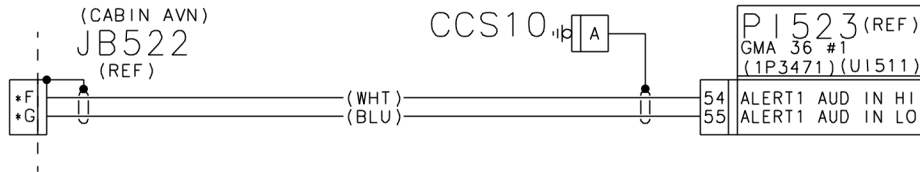
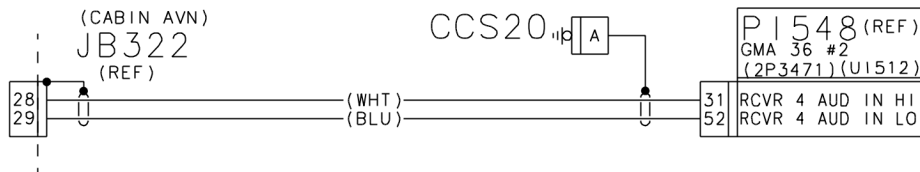
6390357

Figure 1. Wiring Modification (Sheet 2)

A110946



DME Audio Wiring Re-Pin Before Modification

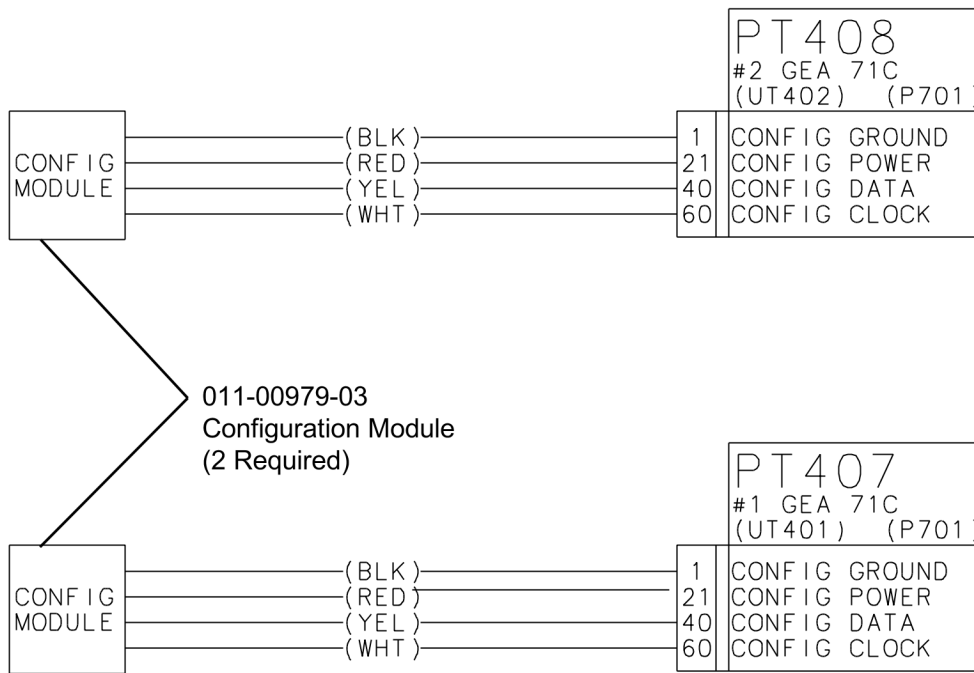


DME Audio Wiring Re-Pin After Modification

6390357

Figure 1. Wiring Modification (Sheet 3)

A110947



6390357

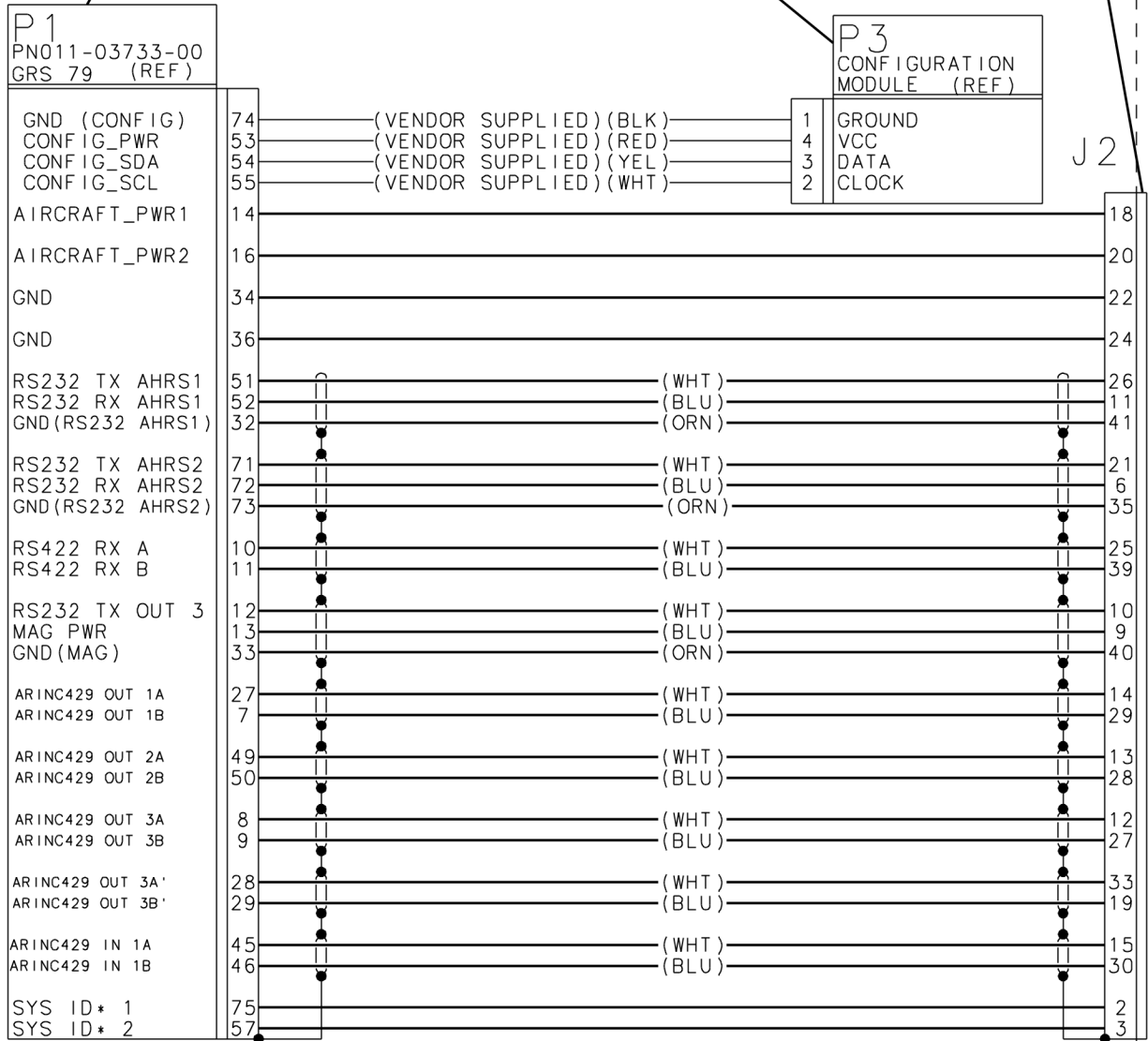
Figure 1. Wiring Modification (Sheet 4)

A110948

011-03733-00  
 GRS 79 Connector Kit  
 (1 Required)

DD44S00GV30/AA  
 HI Density 44S Connector  
 (1 Required)  
 M39029/57-354  
 Socket Contact  
 (27 Required)

NOTE



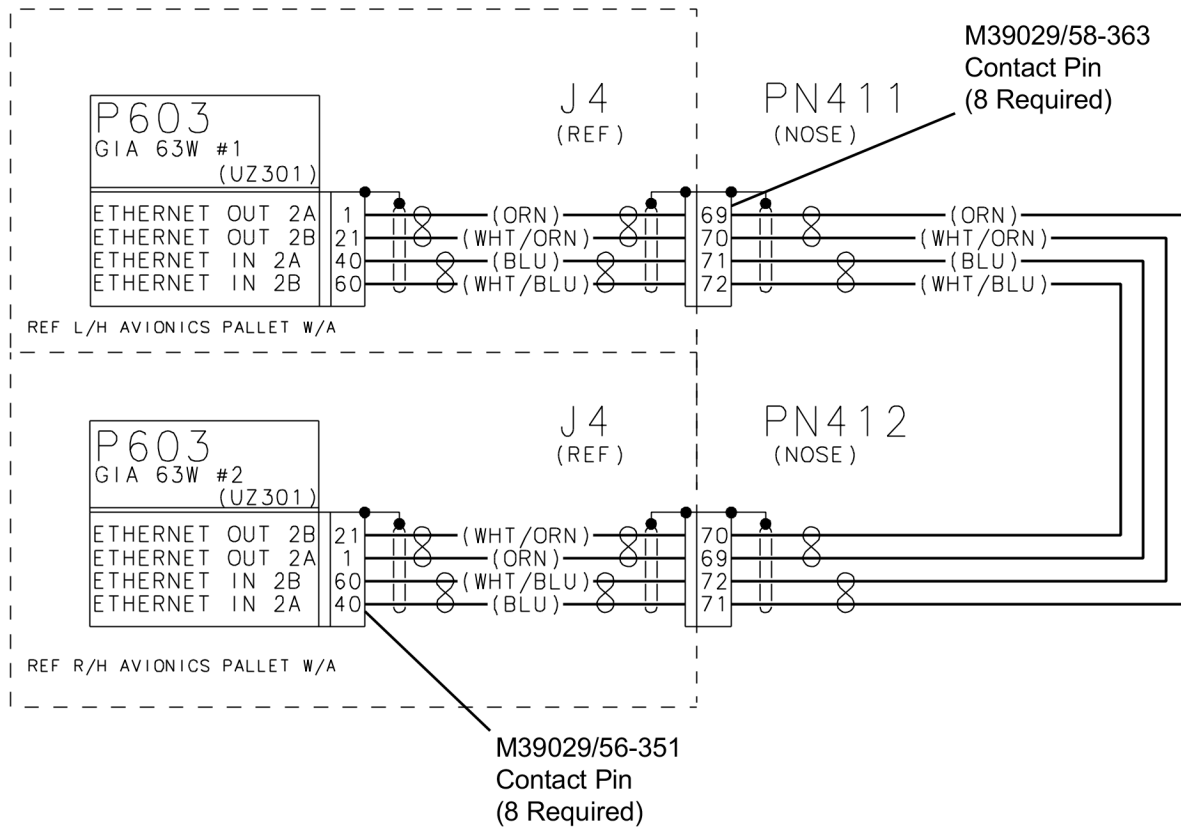
NOTE: The configuration module is part of the 011-03733-00 Connector Kit

LEGEND	
	Added Wire

6390005

Figure 1. Wiring Modification (Sheet 5)

A110949

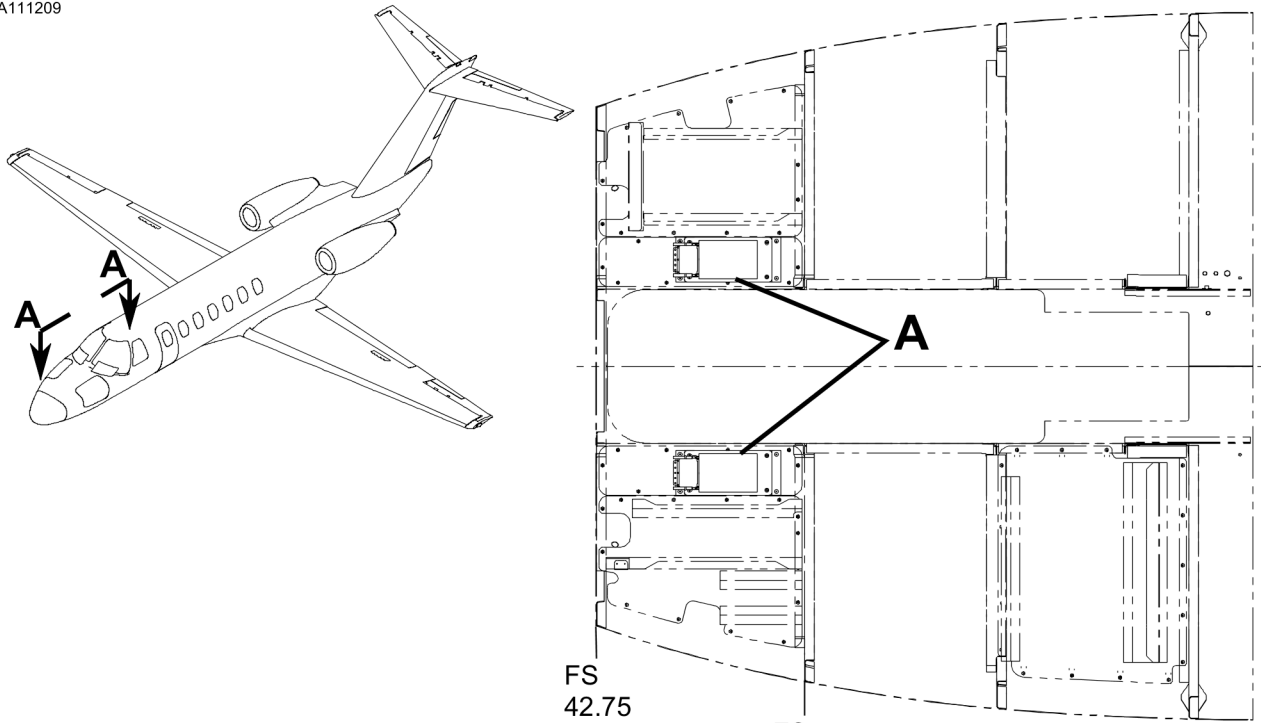


LEGEND	
	Added Wire

6390357

Figure 1. Wiring Modification (Sheet 6)

A111209



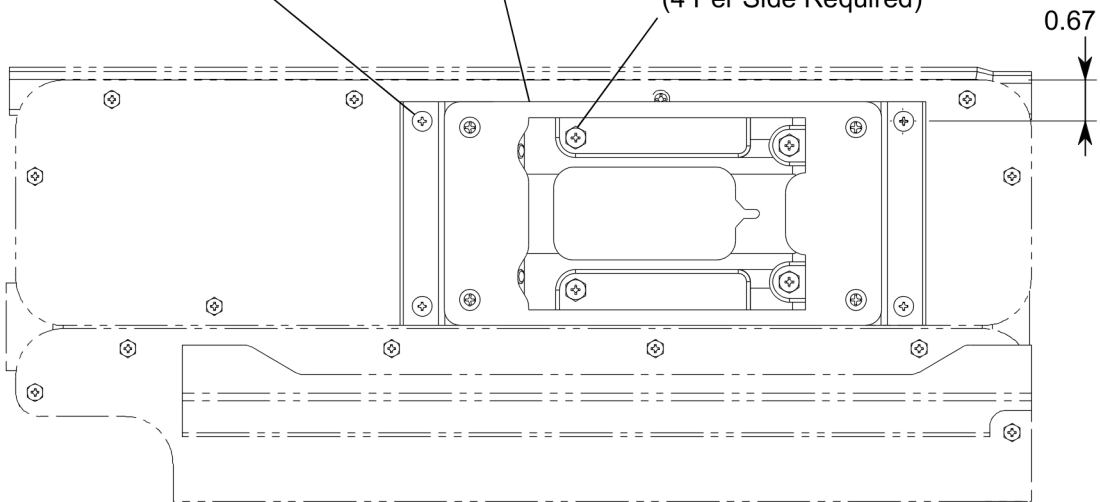
6397107-2  
 Channel Assembly  
 (2 Per Side Required)  
 MS27039-0808  
 Screw  
 (Reference)

6397107-3  
 Shelf Assembly  
 (1 Per Side Required)  
 MS35206-245  
 Screw  
 (4 Per Side Required)

117-00608-00  
 GRS 79 Remove Rack  
 (1 Per Side Required)  
 NAS1801-3-8  
 Screw  
 (4 Per Side Required)

**VIEW A-A**

View Looking Down



**DETAIL A**

View Looking Down

6310T1072  
 AA6397T107-1  
 A6397T107-1

Figure 2. AHRs Remote Rack Installation (Sheet 1)

## MATERIAL INFORMATION

Order the kit/parts below to install this modification.

NEW P/N	QUAN-TITY	KEY WORD	OLD P/N	INSTRUCTIONS/ DISPOSITION
<b>SB525B-34-40-0</b>	1	<b>Kit</b> , consisting of the following parts:		
M39029/58-363	28	Contact Pin		
M81044/12-22-9	6 inches	Electrical Wire		
922204	60 inches	Ethernet Cable [(marked 1P603-69J4 (ORN), 21P603-70J4 (WHT/ORN), 40P603-71J4 (BLU), 60P603-72J4 (WHT/BLU)]		
922204	60 inches	Ethernet Cable [(marked 21P603-70J4 (WHT/ORN), 1P603-69J4 (ORN), 60P603-72J4 (WHT/BLU), 40P603-71J4 (BLU)]		
922204	164 inches	Ethernet Cable [(marked 69PN411-71PN412 (ORN), 70PN411-72PN412 (WHT/ORN), 71PN411-69PN412 (BLU), 72PN411-70PN412 (WHT/BLU)]		
M39029/56-351	16	Contact		
S2974-8	9	Shield Termination		
S2974N4	7	Shield Termination		

Airplanes equipped with the Stormscope remote clear option must order the following kit to install this modification

NEW P/N	QUAN-TITY	KEY WORD	OLD P/N	INSTRUCTIONS/ DISPOSITION
<b>SB525B-34-40-1</b>	1	<b>Kit</b> , consisting of the following parts:		
M81044/12-22-9	180 inches	Electrical Wire (Marked 26PN836-77PN409)	None	
M81044/12-22-9	100 inches	Electrical Wire (Marked 77J3-70P606)	None	
MS3367-1-0	20	Tie Strap	None	
M39029/58-362	4	Connector Pin	None	
SB525B-34-40	1	Instructions		

To do the GRS79 Jumper Wiring Modification, order two of the following kits to install this modification



NEW P/N	QUAN-TITY	KEY WORD	OLD P/N	INSTRUCTIONS/ DISPOSITION
<b>SB525B-34-40-2</b>	1	<b>Kit</b> , consisting of the following parts:		
DD44S00GV30/AA	2	Hi Density 44S Connector		
M81044/12-22-9	24 inches	Electrical Wire (marked 14P1-18J2)	None	
M81044/12-22-9	24 inches	Electrical Wire (marked 16P1-20J2)	None	
M81044/12-22-9	24 inches	Electrical Wire (marked 34P1-22J2)		
M81044/12-22-9	24 inches	Electrical Wire (marked 36P1-24J2)		
M27500-22ML3T08	24 inches	Electrical Wire [(marked 51P1-26J2--26J2 (WHT), 52P1-11J2 (BLU), 32P1-41J2(ORN)]		
M27500-22ML3T08	24 inches	Electrical Wire [(marked 71P1-21J2 (WHT), 72P1-6J2 (BLU), 73P1-35J2 (ORN)]		
M27500-22ML2T08	24 inches	Electrical Wire [(marked 10P1-25J2 (WHT), 11P1-39J2 (BLU)]		
M27500-22ML3T08	24 inches	Electrical Wire [(marked 12P1-10J2 (WHT), 13P1-9J2 (BLU), 33P1-40J2 (ORN)]		
M27500-22ML2T08	24 inches	Electrical Wire [(marked 49P1-13J2 (WHT), 50P1-28J2 (BLU)]		
M27500-22ML2T08	24 inches	Electrical Wire [(marked 8P1-12J2 (WHT), 9P1-27J2 (BLU)]		
M27500-22ML2T08	24 inches	Electrical Wire [(marked 28P1-33J2 (WHT), 29P1-19J2 (BLU)]		
M27500-22ML2T08	24 inches	Electrical Wire [(marked 45P1-15J2 (WHT), 46P1-30J2 (BLU)]		
M27500-22ML2T08	24 inches	Electrical Wire [(marked 75P1-2J2 (WHT), 57P1-3J2 (BLU)]		
M39029/57-354	27	Socket Contact		
011-03733-00	2	Connector Kit, GRS 79		
011-00979-03	2	Configuration Module	None	

Order the kit below to install the GRS 79 AHRS Unit.

NEW P/N	QUAN-TITY	KEY WORD	OLD P/N	INSTRUCTIONS/ DISPOSITION
<b>SB525B-34-40-3</b>	1	<b>Kit</b> , consisting of the following parts:		
MS35206-245	8	Screw		
NAS1801-3-8	8	Screw		
6397107-2	2	Channel Assembly	None	
6397107-3	2	Shelf Assembly	None	

It will be necessary to order the following parts to install this modification.

NEW P/N	QUAN-TITY	KEY WORD	OLD P/N	INSTRUCTIONS/ DISPOSITION
011-03997-00	1	GWX Weather Radar Processor	011-01768-00	Return to Textron Aviation for exchange.
011-04187-00	3	GDU1450W Display	011-01910-00	Return to Textron Aviation for exchange.
011-03682-04	2	GEA 71C Engine Interface Unit	011-00831-05	Return to Textron Aviation for exchange.
011-03732-00	2	GRS 79 AHRS Unit	011-00868-10	Return to Textron Aviation for exchange
011-01746-03	1	GDL59 Data Link Unit	011-01746-00	Return to Textron Aviation for exchange
011-01983-20	2	GCU 275 PFD Controller	011-01983-01	Return to Textron Aviation for exchange
011-03711-41 (Mod 1 or later)	2	GIA 64E Integrated Avionics Unit	011-01105-40	Return to Textron Aviation for exchange
011-03759-01 (Mod 1 or later)	2	GTC 575 Touchscreen Controller	011-01924-10	Return to Textron Aviation for exchange
011-04093-00	2	GMA 36B Remote Audio Panel	011-01793-00	Return to Textron Aviation for exchange
011-03177-10	1	GDL 69A SXM Data Link	011-00987-00	Return to Textron Aviation for exchange
010-01908-00	1	Garmin V4.8 Base Software Card	010-01293-1 and 010-03722-00	Discard
117-00608-00	2	GRS 75 Remote Rack	115-00459-00	Discard

NEW P/N	QUAN-TITY	KEY WORD	OLD P/N	INSTRUCTIONS/ DISPOSITION
190-02613-00	1	Pilot's Guide	190-01742-01	Discard
9145505-1	1	Cessna 525B Maintenance Card	9145505-1	Discard
9102016-15	1	Cessna G3000 Default Pilot Profile Card	9102016-11	Discard
010-00330-DE	1	Garmin Doppler Turbulence Card	010-00330-D2	(As Required) Return to Textron Aviation for Exchange
010-00330-5M	1	SVS Unlock Data Card	010-00330-55	(As Required) Return to Textron Aviation for Exchange
010-00330-FA	1	CPDLC Unlock Card	010-00330-F0	(As Required) Return to Textron Aviation for Exchange
010-00330-EB	1	ACARS Enablement Card	010-00330-E6	(As Required) Return to Textron Aviation for Exchange
010-00330-5K	1	Surfacewatch Enablement Card	010-00330-5E	(As Required) Return to Textron Aviation for Exchange
010-00330-5N	1	TAWS-A Enablement Card	010-00330-56	(As Required) Return to Textron Aviation for Exchange
010-00474-52	1	Database SD Card	010-00474-44	Discard
190-02614-00	1	Cockpit Reference Guide	190-01743-01	Discard

The existing hardware may be returned to Textron Aviation Parts Distribution, Warranty Administration, 285 South Greenwich Road, Bldg B89, Docks 1-4, Wichita, KS 67206, USA, and exchanged for an upgraded unit. Due to limited availability, advance scheduling is required, please expedite the return of the removed part.

\*Please contact your Regional Textron Aviation Parts Distribution Customer Support Team for current cost and availability of parts listed in this service document. For more information, please visit the TAPD Support & Aftermarket Account Management website at <https://ww2.txtav.com/Parts/Promos/TAPD>.

Based on availability and lead times, parts may require advanced scheduling.

In cases where the required part(s) are approved as exchange, order the exchange part and, upon completion, expedite the return of the removed part to avoid return penalties. Contact the Textron Aviation Parts Distribution Sales Desk for availability of exchange parts.

## FLIGHT CREW OPERATIONS SUMMARY

This summary provides additional information for the flight crew regarding operational changes as a result of accomplishment of this service bulletin. Please remove this summary from the service bulletin and give it to the flight crew. This summary is *informational only* and does not supersede any information in the FAA-approved airplane flight manual.

### Software Changes

- Transition to Approach
- Visual Approach Support
- Automatic Dependent Surveillance-Broadcast (ADS-B) In
- IFR/VFR Charts on Map
- HSI Map Overlays
- QFE Support
- European Visual Reporting Points
- Airspace Altitude Labeling
- Flight Path Angle Reference Cue
- Flight Plan Auto Nomination on Startup
- Database Update Improvements
- Performance (PERF)
- ADB2
- Plain Language Terminal Aerodrome Forecast (TAF)
- AOA Calibration
- SurfaceWatch Enhancements
- Enhanced Checklists
- True Airspeed and Wind Vector Update
- TCAS II False RA Nuisance Alerts Correction
- Gen2 Alerting and Logging

### Hardware Changes

- The GWX 75 Weather Radar Processor with Enhanced Color Palette replaces the GWX 70.
- The GDU 1450W EFIS Display replaces the GDU 1400W
- The GTC 575 EFIS Touch Controller replaces the GTC 570
- The GIA 64E Integrated Avionics (GPS, VHF COM, VOR/ILS, Flight Guidance Computer) replaces the GIA 63W
- The GMA 36B Audio Panel replaces the GMA 36
- The GDL 69A SXM Sirius/XM Data Link Satellite Receiver replaces the GDL 69A
- The GEA 71C Engine/Airframe Interface replaces the GEA 71H
- The GRS 79 AHRS replaces the GRS 77

**TITLE**

NAVIGATION - GARMIN HARDWARE AND SOFTWARE UPDATE TO VERSION 4.8.9

**TO:**

Citation CJ3+ Owner

**REASON**

To install upgraded GDU 1450W Flight Displays, GEA 71C Engine Interface Units, GRS 79 AHRS Units, GDL 59 Data Links, GCU 275 PFD Controllers, GIA 64E Integrated Avionics Units, GTC 575 Touchscreen Controllers, GMA 36B Remote Audio Panels, GDL 69A SXM Data Link, a GWX Weather Radar Processor and update the Garmin G3000 software to version 4.8.9.

**COMPLIANCE**

OPTIONAL. This service document can be accomplished at the discretion of the owner.

**LABOR HOURS****WORK PHASE**

Modification

**LABOR-HOURS**

As Required

**MATERIAL AVAILABILITY**

PART NUMBER	AVAILABILITY	COST
SB525B-34-40-0	*	*
SB525B-34-40-1	*	*
SB525B-34-40-2	*	*
SB525B-34-40-3	*	*
011-03997-00	*	*
011-04187-00	*	*
011-03682-04	*	*
011-03732-00	*	*
011-01746-03	*	*
011-01983-20	*	*
011-03711-41	*	*

February 26, 2021

SB525B-34-40  
Page 1 of 2

Textron Aviation Customer Service, P.O. Box 7706, Wichita, KS 67277, U.S.A. 1-316-517-5800

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PART NUMBER	AVAILABILITY	COST
011-03759-01	*	*
011-04093-00	*	*
011-03177-10	*	*
010-01908-00	*	*
190-01742-02	*	*
9145505-1	*	*
9102016-15	*	*
010-00330-DE	*	*
010-00330-5M	*	*
010-00330-FA	*	*
010-00330-EB	*	*
010-00330-5K	*	*
010-00330-5N	*	*
010-00474-52	*	*
190-02614-00	*	*

The existing hardware may be returned to Textron Aviation Parts Distribution, Warranty Administration, 285 South Greenwich Road, Bldg B89, Docks 1-4, Wichita, KS 67206, USA, and exchanged for an upgraded unit. Due to limited availability, advance scheduling is required, please expedite the return of the removed part.

\*Please contact your Regional Textron Aviation Parts Distribution Customer Support Team for current cost and availability of parts listed in this service document. For more information, please visit the TAPD Support & Aftermarket Account Management website at <https://ww2.txtav.com/Parts/Promos/TAPD>.

Based on availability and lead times, parts may require advanced scheduling.

In cases where the required part(s) are approved as exchange, order the exchange part and, upon completion, expedite the return of the removed part to avoid return penalties. Contact the Textron Aviation Parts Distribution Sales Desk for availability of exchange parts.

#### WARRANTY

None

**NOTE:** As a convenience, service documents are now available online to all our customers through a simple, free-of-charge registration process. If you would like to sign up, please visit the Customer Access link at [www.txtavsupport.com](http://www.txtavsupport.com) to register.