

TITLE

NAVIGATION - PASSENGER ADDRESS (PA) VOLUME CONFIGURATION

EFFECTIVITY

MODEL	SERIAL NUMBERS
208	20800651 thru 20800677
208B	208B5501 thru 208B5641

The airplanes listed in the effectivity that have installed one of the following EOs: 208-4280, 208-4397, 208-4419, or 208-4444 are not affected by this service document.

REASON

G1000 Passenger Address Volume software update.

DESCRIPTION

This service document provides parts and instructions to load the G1000 Passenger Address Volume Increase software to an SD card and then update to the G1000.

COMPLIANCE

RECOMMENDED. This service document should be accomplished at a scheduled maintenance period or inspection.

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.

APPROVAL

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

September 6, 2024

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

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FLIGHT CREW OPERATIONS

No Changes

CONSUMABLE MATERIAL

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

TOOLING

No specialized tooling is required to complete this service document.

WEIGHT AND BALANCE INFORMATION

Negligible

REFERENCES

Garmin Line Maintenance Manual 190-00869-00 Revision C or latest revision.

208 Series Maintenance Manual

PUBLICATIONS AFFECTED

None

ACCOMPLISHMENT INSTRUCTIONS

1. Create the passenger address SD card as follows:
 - NOTE:** If you do not have access to the Garmin dealer resource center you can search for a dealer resource center at <https://www.garmin.com/en-US/dealerlocator>.
 - A. Insert blank SD card into computer.
 - NOTE:** A Sandisk memory card is preferred. The G1000 NXI system supports up to 32GB SD cards.
 - B. Access the Garmin dealer resource center.
 - C. Browse to support and then to downloads page, and search and download the 006-B2499-90 configuration card.
 - D. Once downloaded, run the .exe file and follow the instructions on the screen.
 - (1) Select the blank SD card as the destination folder.
 - E. Load the 006-B2499-90 configuration card to the aircraft and follow the loading procedure.
2. Prepare the airplane for maintenance.
 - A. Make sure that the airplane is electrically grounded.
 - B. Remove the gust lock.
 - C. Make sure that all switches are in the OFF/NORM position.
 - D. Connect external electrical power to the airplane.
3. Load the G1000 software as follows:
 - A. Disengage the PFD1, PFD2, and MFD circuit breakers.
 - B. Insert the SD card into the top slot in the PFD1 display unit.
 - C. Power on the Avionics 1 and Avionics 2 switches.
 - D. Push and hold the ENT button on the PFD 2 display and push in the PFD 2 circuit breaker.
 - (1) When INITIALIZING SYSTEM message appears, release the ENT key.
 - E. Push and hold the ENT button on the MFD display and push in the MFD circuit breaker.
 - (1) When INITIALIZING SYSTEM message appears, release the ENT key.

- F. Push and hold the ENT button on the PFD 1 display and push in the PFD 1 circuit breaker.
- (1) When INITIALIZING SYSTEM message appears, release the ENT key.
 - (a) Select "No" when asked to update user settings.
- G. Turn the large FMS knobs to SYSTEM UPLOAD page on PFD1.
- H. Turn the small FMS Knob and ENT button to select the "Options - Audio" in the "Group" field.
- I. Select the "GMA 1360 High Volume Option" from the "ITEM" field.
- J. Push the "LOAD" softkey and wait for the upload process to complete.
- NOTE:** During the load, the display may show NO UPLOAD IN PROGRESS, this is normal.
- NOTE:** You can do Steps 3.G. through 3.J. up to a maximum four times because of a failed or cancelled upload prompt message. If the system does not upload after the fourth attempt, correct the hardware failure and start the configuration upload again. (Refer to Garmin Line Maintenance Manual 190-00869-00 Revision C or latest revision.)
- K. Push the ENT key to acknowledge the completion of the installation.
- L. Push the "UPDT CFG" softkey to update the PFD1 config module.
- M. Push the ENT key to acknowledge the completion.
- N. Remove power from the Avionics 1 and Avionics 2 switch.
- O. Remove the SD card from the PFD1 slot.
- P. Power on the Avionics 1 and Avionics 2 switches and let the displays start in normal mode.
4. After systems start normally, turn off the Avionics 1 and Avionics 2 switches and remove external electrical power.
5. Complete a passenger address system operation test. (Refer to the Maintenance Manual, Chapter 23, Garmin GMA 1347/1360D Audio System - Adjustment/Test, Step 2. F.)
6. 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.

MATERIAL INFORMATION

No parts are required to complete this service document.

TITLE

NAVIGATION - PASSENGER ADDRESS (PA) VOLUME CONFIGURATION

TO:

Cessna Model 208 and 208B Aircraft Owner

REASON

G1000 Passenger Address Volume software update.

COMPLIANCE

RECOMMENDED. This service document should be accomplished at a scheduled maintenance period or inspection.

LABOR HOURS

WORK PHASE	LABOR-HOURS
Modification	1.0

MATERIAL AVAILABILITY

No parts are required to complete this service document.

WARRANTYThis service document is *recommended*. Eligible airplanes may qualify for parts and labor coverage to the extent noted in the *Labor Hours* and *Material Availability* sections of this document.

September 6, 2024

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

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Eligibility: Airplanes identified within the serial number effectivity of this service document must have active Airframe warranty coverage on the original issue date of this document and the coverage must be active on the day the work is accomplished.

Parts Coverage: Textron Aviation-owned and Textron Aviation-authorized Service Facilities, operators, or other maintenance facilities may submit a claim for the parts required to accomplish this service document as defined in the *Material Availability* section of this document.

Labor Coverage: Textron Aviation-owned and Textron Aviation-authorized Service Facilities rated to perform maintenance on the specific model of Cessna Aircraft may submit a claim for the labor necessary to accomplish this service document as defined in the *Labor Hours* section of this document.

Credit Application: After this service document has been accomplished, a claim must be submitted to Textron Aviation within 30 days of the service document completion. Claims for compliance of this service document are to be filed as a W4 type claim.

Please submit your claim form online at ww2.txtav.com/Parts or email the completed Textron Aviation Claim Form to warranty@txtav.com. If submitted on-line a Return Authorization will be provided. If a paper claim is submitted your claim will be entered into the system and a Return Authorization will be sent to you.

The Return Authorization must accompany any required return parts (see *Material Availability*), to the point of purchase.

Parts to be returned to Textron Aviation Parts Distribution should be forwarded to:

TEXTRON AVIATION INC
CORE RETURNS
201 N GREENWICH RD BLDG 94
Wichita, KS 67206-2558

Expiration: September 6, 2026 (after this date the owner/operator assumes the responsibility for compliance costs)

Textron Aviation reserves the right to void continued airplane warranty coverage for the parts affected by this service document until the service document is accomplished.

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 support.txtav.com to register.