

TITLE

NAVIGATION - TRANSMITTAL OF GARMIN SB 19102 GRS 56 MOD 1

EFFECTIVITY

MODEL	SERIAL NUMBERS
208	20800651 thru 20800677
208B	208B5501 thru 208B5639

REASON

The GSR 56 includes an optionally enabled internal heater that is specified for operation at temperatures below -20°C. The activation of the internal heater may cause the GSR 56 to power off for approximately one minute.

DESCRIPTION

This service document transmits GARMIN SB 19102 GRS 56 MOD 1 which provides instructions to check the GRS 56 serial tag for MOD 1 and instructions to return the unit to Garmin for MOD 1 upgrade.

COMPLIANCE

INFORMATIONAL. This service document is for informational purposes only.

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.

CONSUMABLE MATERIAL

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

TOOLING

No specialized tooling is required to complete this service document.

November 1, 2021

CAL-34-05
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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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REFERENCES

Garmin SB 19102 GRS 56 MOD 1 REV A (or latest revision)

PUBLICATIONS AFFECTED

None

ACCOMPLISHMENT INSTRUCTIONS

1. Review and complete the GARMIN SB 19102 GRS 56 MOD 1 REV A (or latest revision).
2. Make an entry in the airplane logbook that states compliance and method of compliance with this service document.

MATERIAL INFORMATION

Refer to GARMIN SB 19102 GRS 56 MOD 1 for parts information.



1200 E. 151st Street
 Olathe, KS 66062
 913-397-8200

SERVICE BULLETIN

NO.: 19102 Rev A

TO: All Garmin Aviation Service Centers
DATE: February 5, 2020
SUBJECT: GSR 56 Mod 1
CERTIFICATION AUTHORIZATION: TSO Authorization (see Approval section for details)

TSO authorization does not provide installation airworthiness approval. Separate installation airworthiness approval is required for type certified aircraft. Notification of revision to any Garmin STC(s) will be provided under a separate service bulletin.

PRODUCTS AFFECTED

The following units are affected only when the internal heater is enabled:

Table 1. Products Affected

Model	Appliance P/N
GSR 56	011-02268-00
GSR 56 Enhanced	011-02268-01
GSR 56H	011-02268-10
GSR 56 Harsh Environment	011-02268-50

PURPOSE

The GSR 56 includes an optionally enabled internal heater that is specified for operation at temperatures below -20°C. The activation of the internal heater may cause the GSR 56 to power off for approximately one minute.



NOTE

This could result in CAS or system failure messages and/or indications of "Waiting" on the Iridium Status page.

The GSR 56 functions as intended after the power off.

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DESCRIPTION

This service bulletin contains instructions for incorporation of Mod 1.

COMPLIANCE

Recommended: Compliance with this service bulletin is recommended for installations with the internal heater enabled.

APPROVAL

TSO authorization does not provide installation airworthiness approval. Separate installation airworthiness approval is required for type certified aircraft. Notification of revision to any Garmin STC(s) will be provided under a separate service bulletin.

The appliance configuration after the Mod change is FAA approved under the TSOA.

MANPOWER

One (1) hour labor.

WARRANTY INFORMATION

This modification is warranty reimbursable for parts and labor required during the modification if the unit is covered under the original product warranty. To ensure proper reimbursement, when completing the Garmin warranty claim include the unit's serial number, aircraft make, model, registration number and airframe serial number and indicate this service bulletin has been complied with.



NOTE

Units that are out of warranty are modified at the owners discretion at the standard flat rate fee.

MODIFICATION INSTRUCTIONS

1. Gain access to the unit.
2. Locate the serial number tag.
3. If Mod 1 is not marked, return the unit to the Garmin factory. Make note of the unit's serial number and call Garmin Product Support to receive an RMA number that must be included in the "To" address. Garmin Product Support can be reached at 1-888-606-5482 or 913-397-8200, or from the Dealer Resource Center on the Garmin website <https://dealers.garmin.com>

Send shipments to:

Garmin International
RMA Number: R _____
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