

REVISION TRANSMITTAL

This sheet transmits Revision 1 to MEL-34-01, which:

- A. Updates the software level from 0857.10 to 0857.11
- B. Updates the Software Loader Card PN from 010-00725.10 to 010-00725.11
- C. Updates the POH Supplement PN to Rev 1

NOTE: This revision replaces the original issue of MEL-34-01 in its entirety.

REVISION COMPLIANCE

DISCRETIONARY. Airplanes that do not have 0857.10 Software installed per MEL-34-01, installation of this service document and 0857.11 Software can be accomplished at the discretion of the owner/operator.

LOG OF REVISIONS

Original Issue	September 11, 2019
Revision 1	November 30, 2020

TITLE

NAVIGATION - PRE-NXI GARMIN G1000 SYSTEM SOFTWARE UPGRADE TO VERSION 0857.11 FOR ADS-B OUT ENABLEMENT FOR WAAS ENABLED AIRPLANES ONLY

EFFECTIVITY

Airplanes have factory installed WAAS.

MODEL

G58

SERIAL NUMBERS

TH-2228, TH-2230, TH-2233 thru TH-2439,
TH-2441 thru TH-2457, TH-2459 thru TH-2475

NOTE: Airplanes equipped with a GTX33 transponder must be upgraded or replaced to a GTX 33 w/ES P/N 011-00779-30 for ADS-B Out capability.

NOTE: The aircraft must be modified in accordance with Supplement Type Certificate # SA01584WI-D prior to completing this Service Letter. See latest revision of Garmin Software Service Bulletin No. 1010 for more information.

EFFECTIVITY

The following airplanes that upgraded to WAAS with SB 34-3925 are eligible to install this service document.

MODEL

G58

SERIAL NUMBERS

TH-2125 thru TH-2227, TH-2229, TH-2231,
TH-2232

NOTE: Airplanes equipped with a GTX33 transponder must be upgraded or replaced to a GTX 33 w/ES P/N 011-00779-30 for ADS-B Out capability.

NOTE: The aircraft must be modified in accordance with Supplement Type Certificate # SA01584WI-D prior to completing this Service Letter. See latest revision of Garmin Software Service Bulletin No. 1010 for more information.

REASON

To provide ADS-B Out enablement software for Pre-NXI WAAS equipped G1000 airplanes via a STC package.

DESCRIPTION

This service document provides information to order the STC software, data package, and necessary documents to enable ADS-B Out.

COMPLIANCE

DISCRETIONARY. 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.

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- 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

Refer to the STC documentation for specialized tooling.

REFERENCES

STC SA01925WI

PUBLICATIONS AFFECTED

Airplane POH

ACCOMPLISHMENT INSTRUCTIONS

NOTE: SA01584WI-D – G58 G1000 Integrated Avionics System Update. The aircraft must have the GTX 33 w/ES P/N 011-00779-30 installed.

1. Order the material listed in the Material Information section to install the ADS-B Out STC.
2. Use the document package to install the software for ADS-B Out enablement.
3. Make sure the Flight Manual Supplement is put into the POH.
4. Make sure the Cockpit Reference Guide is put in the cockpit.
5. Make sure the STC ICA documents are placed with the aircraft records.
6. Make an entry in the airplane logbook that states compliance and method of compliance with this service document.
7. If required, complete STC Installation documents Per local Government Aviation Authorities.

MATERIAL INFORMATION

Order the parts below to install this modification.

NEW P/N	QUANTITY	KEY WORD	OLD P/N	INSTRUCTIONS/ DISPOSITION
010-00725-11	1	Software Loader Card	N/A	Discard old SW Loader Card, Install new SW Loader Card in SD Card Pocket of the POH
190-00526-04 (Rev B or later)	1	Cockpit Reference Guide	N/A	Put into Cockpit
190-00629-04 (Rev B or later)	1	Pilots Guide	N/A	Put in Cockpit
3S18-028-7101 (Rev 1 or later)	1	POH Supplement	N/A	Put into POH
SA01925WILOA	1	STC Data Package	N/A	STC Documentation and Aircraft Records

NOTE: The 010-00725-11 Software Loader Card contains system software version 006-B0857-11 (0857-11)

NOTE: System Software Version Changes are as follows:

- COM Transceiver Version 11.10*
- GDU Version 13.31
- GIA Version 7.14
- GPS/WAAS Version 5.0
- GTX Version 8.02
- NAV Receiver Version 6.02*

NOTE: Software Contains the fixes/enhancements as follows:

- ADS-B Out enablement
- RNAV (GPS) LP (Localizer Performance) approach support
- User defined holding patterns
- Geo-reference Garmin FliteCharts electronic charts
- Fix for Garmin Service Advisory 1047
- LNAV/VNAV and LNAV+V CDI scaling issue that led to certain approaches being removed from the Nav database

NOTE: The STC Data package includes the following:

- Instructions for Continued Airworthiness
- FAA Approved Airplane Flight Manual Supplement
- Installation Instructions
- Master Data List
- Installation Data List
- Certification Page
- Approved Model List
- STC Letter of Authorization

*Software for the COM's and NAV's will only be upgraded if aircraft has GIA 63W P/N 011-01105-20 installed.

Please contact a Textron Aviation Authorized Service Facility for current cost and availability of parts listed in this service document.

TITLE

NAVIGATION - PRE-NXI GARMIN G1000 SYSTEM SOFTWARE UPGRADE TO VERSION 0857.11 FOR ADS-B OUT ENABLEMENT FOR WAAS ENABLED AIRPLANES ONLY

TO:

Beechcraft Model G58 Aircraft Owner

REASON

To provide ADS-B Out enablement software for Pre-NXI WAAS equipped G1000 airplanes via a STC package.

NOTE: Some airplanes may need to be upgraded to WAAS capability per SB 34-3925 prior to installation of this service letter. Refer to the Effectivity Section of MEL-34-01.

NOTE: Airplanes equipped with a GTX33 transponder must be upgraded or replaced to a GTX 33 w/ES P/N 011-00779-30 for ADS-B Out capability.

NOTE: The aircraft must be modified in accordance with Supplement Type Certificate # SA01584WI-D prior to completing this Service Letter. See latest revision of Garmin Software Service Bulletin No. 1010 for more information.

COMPLIANCE

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

LABOR HOURS

For planning purposes only:

WORK PHASE	LABOR-HOURS
Software Load	4.5

MATERIAL AVAILABILITY

PART NUMBER	AVAILABILITY	COST
010-00725-11	*	*
190-00526-04 (Rev B or later)	*	*
190-00629-04 (Rev B or later)	*	*
3S18-028-7101 (Rev 1 or later)	*	*
SA01925WILOA	*	*

* Please contact a Textron Aviation Authorized Service Facility for current cost and availability of parts listed in this service document.

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WARRANTY

Eligible airplanes exhibiting conditions described in this service document may demonstrate improved operation by incorporation of the work described herein. This service document is to be accomplished at the *discretion* of the owner. Eligible airplanes may qualify for parts and labor coverage to the extent noted in the *Labor Hours* and *Material Availability* sections of this document.

Eligibility: Airplanes TH-2434 thru TH-2452.

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 Beechcraft 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 Parts Distribution
Warranty Administration
285 South Greenwich Road
Bldg B89, Docks 1-4
Wichita, KS 67206
USA

Expiration: June 30, 2021 (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 www.txtavsupport.com to register.