



1200 E. 151<sup>st</sup> Street  
Olathe, KS 66062  
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## AVIATION SERVICE DOCUMENT NOTIFICATION

**TO:** GTX™ 3X5(R) Owner and Operators  
**DATE:** November 11, 2024 (Originally Issued June 3, 2024)  
**SUBJECT:** Approval of Part 23 GTX™ 3X5(R) Series Main Software Version 2.85 and ADS-B Software Version 3.51  
**CERTIFICATION AUTHORIZATION:** SA01714WI MDL Revision 23

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### **COMPLIANCE**

Recommended: Compliance with Service Bulletin 24042 is recommended at the next scheduled maintenance interval.

### **PURPOSE**

This STC Service Bulletin provides notification of an update to STC SA01714WI, GTX 3X5(R) with ADS-B AML STC, MDL Revision 23.

MDL Revision 23 approves the following software changes:  
GTX 3X5 Main Software Version 2.85:

- Improved display handling of the alert message dialog subpage
- Improvements to the software calibration procedure for units with internal AHRS (GTX 345 only)
- Improved the robustness of non-volatile memory data to prevent unit failure due to loss of data



### **CAUTION**

Not upgrading software may result in the unit being returned to the factory due to a loss of calibration data.

GTX 3X5 ADS-B Software Version 3.51:

- Improved the AHRS calibration procedure and calibration validity checks
- Corrected an issue where assert log information could not be downloaded using HSDB
- Expanded support for flight data log retrieval using HSDB
- Expanded support for transponder health diagnostic information to be transmitted using HSDB
- Expanded support for sourcing of different sensor data for additional systems that have a pilot/copilot flight director transfer switch
- Expanded flight data logging capability to include internal AHRS data

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- Improved the ADS-B SURF application status reporting
- Addressed a timing issue that could result in TAS/TCAS-only targets being temporarily removed from the traffic display intermittently
- Corrected an issue where daily NOTAM TFRs were only displayed on the first day that they were published. Daily NOTAM TFRs are now displayed until they are no longer active.
- Updated aural alert processing to use a heading-based bearing for TAS/TCAS targets. This now matches functionality for ADS-B targets and improves directional callout accuracy primarily for rotorcraft.

### **PRODUCTS AFFECTED**

GTX 3X5(R) Series units installed using Part 23 ADS-B AML STC SA01714WI are affected.

### **WARRANTY INFORMATION**

This modification is warranty reimbursable with a deadline of December 31, 2025.

### **DOCUMENTATION CONSIDERATIONS**

As a result of the aircraft modification with this STC, The AFMS, Garmin GTX 33X and GTX 3X5 Transponders with ADS-B, 190-00734-15, Rev. 6 is required to be issued to the aircraft owner/operator before the aircraft is returned to service.

The current revision of the GTX 3X5 Series Pilot's Guide (Garmin P/N 190-01499-00) Rev G is applicable.

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