



1200 E. 151<sup>st</sup> Street  
Olathe, KS 66062  
913-397-8200

## AVIATION SERVICE DOCUMENT NOTIFICATION

**TO:** Garmin G500/G600 TXi Owner and Operators  
**DATE:** May 22, 2023  
**SUBJECT:** Approval of G500/G600 TXi Main Software Version 3.50, GSU 75/GRS 79 AHRS Software Version 2.12, GMU 44B Software Version 2.01, and EIS sensor updates  
**CERTIFICATION AUTHORIZATION:** STC SA02571SE MDL Revision 26

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### **COMPLIANCE**

**Mandatory:** For installations with the Integrated Standby System, STC Service Bulletin 23004 must be accomplished within 6 months or the next scheduled service interval; whichever occurs first.

**Optional:** For all installations without the Integrated Standby System, STC Service Bulletin 23004 may be incorporated at the owner's discretion.

### **PURPOSE**

Major details of the update are:

- Added support for the GDL 60
- Updated TXi main software to version 3.50:



#### **NOTE**

*If installed, GI 275 Software Version 2.60 (or later) and GTN™ Xi Software Version 20.30 (or later) is required before updating to TXi Software Version 3.50.*



#### **NOTE**

*Database sync routing is affected by this change. Systems with GTN™ (v6.72 or earlier) or GPS 175/GNC® 355/GNX™ 375 (v3.20 or earlier) interfaced to G500/G600 TXi (v3.50 or later) or GI 275 (v2.60 or later) no longer support database sync. Databases will need to be loaded onto each GTN and GPS 175/GNC 355/GNX 375 unit. This limitation will be fixed in future GTN and GPS 175/GNC 355/GNX 375 software versions.*

- Support for digitally signed databases
- 100 Mbit transfer speed (on ground only) which improves the security and efficiency of the system
- Added support for Dual-Cue flight director depiction

Please contact your local Garmin Avionics Dealer (<http://www.garmin.com/dealers/>) for additional information or for questions regarding this notification. This service notification and associated bulletin/advisory product changes can only be implemented through Garmin's authorized dealer and service center network. This document is not a substitute for and cannot be used in lieu of the document(s) referenced above for airworthiness approval.



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- Heading units (True, Magnetic) will now synchronize with an interfaced GI 275
- The MAG ANOM annunciation is now configurable between yellow, white, and disabled
- PC-12 aircraft with fuel quantity displayed on the EIS will now allow for fuel temperature to be displayed as a user-selectable option
- Updated GSU 75/GRS 79 AHRS software to version 2.12:
  - Corrected some Mag Var and GPS aiding issues
  - Fixed AHRS Reset on Takeoff issue described in Garmin Service Alert 22033
- Updated GMU 44B Software Version 2.01 to improve efficiency with no functional changes

There are no new aircraft models being added to the STC SA02571SE.

### **PRODUCTS AFFECTED**

G500/G600 TXi systems installed using Part 23 AML STC SA02571SE are affected.

### **WARRANTY INFORMATION**

For installations with the Integrated Standby System, this modification is warranty reimbursable with a deadline of July 31, 2023.

For all installations without the Integrated Standby System, this modification is not warranty reimbursable.

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