



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

AVIATION SERVICE DOCUMENT NOTIFICATION

TO: G500(H)/G600/G700 TXi Owners and Operators
DATE: February 3, 2025
SUBJECT: G500(H)/G600/G700 TXi Main Software Version 3.72
CERTIFICATION AUTHORIZATION: TSO Authorization

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.

COMPLIANCE

Garmin recommends the incorporation of this TSO Service Bulletin at the next scheduled service interval.

PURPOSE

G500(H)/G600/G700 TXi Main Software Version 3.72:

New and Updated Features

- Added support for DG Free Mode operation with the GRS 7800
- Added support for User Nav Angle and Nav Angle synchronization with GTN Xi

Software Fixes

- Fixed the issue described in Service Advisory 24079 where Approach Minimums could be made unavailable in systems with GNS navigators
- Fixed an issue where a manually initiated database update would continue after takeoff
- Fixed an issue where the G-Meter and DME window could overlap in some situations on the GDU 700L PFD
- Fixed an issue where EIS gauge titles could display in the wrong location during display backup in some formats (turbine aircraft only)
- Fixed an issue where the fuel flow gauge could be placed in the incorrect location during display backup in some formats (turbine aircraft only)
- Fixed an issue where N1 or Torque target bugs could display incorrectly during display backup in some formats
- Fixed an issue where gauge markings could flash when a torque or N1 bug was enabled or disabled
- Fixed an issue where the back button on the Approach Minimums menu of the PFD would navigate to the incorrect page

© 2025 Garmin Ltd. or its subsidiaries.

This work is licensed under a

[Creative Commons Attribution-NonCommercial-NoDerivs 3.0 Unported License](https://creativecommons.org/licenses/by-nc-nd/3.0/).

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.

- Fixed an issue where the initial CDI source selection could be improperly set in a multi-PFD system following a power cycle
- Fixed an issue where the some displays could show an improper database startup screen when a display backup transition is initiated during startup
- Fixed an issue where the MFD knob page label could show the incorrect page while on the Stormscope page
- Fixed an issue where DFCS 5 label 202 was always invalid for NAV 2 in installations with a single GAD 43e
- Fixed an issue where an erroneous TCAS RA Display Unavailable advisory could be displayed for GDU IDs other than GDU 1
- Fixed an issue where GMU software could fail to load
- Fixed an issue where GWX software could fail to load when in a system with a GTN
- Fixed an issue where the GWX mode could not be controlled during AHRS calibration
- Fixed an issue where a blank EIS display would be shown during Twin Engine AHRS calibration on a GDU 700P (turbine aircraft only)
- Fixed an issue where a gauge title could be incorrectly positioned on EIS gauge configuration preview pages (turbine aircraft only)

General Updates

- SVT aspect ratio has been changed from 0.8 to 1.0
- Display of heading has been upgraded from DAL B to DAL A for G700 TXi systems
- The display of DME distance can now be removed from the PFD by pilot option
- Mach number has been added to the flight datalog
- The Invalid Heading advisory for the WX-1000 is now inhibited if pitch/roll are not valid
- The GFC 600H Limit Cue alerts will no longer be suppressed if GPS has not been received
- Added additional borders to some gauges in turboprop EIS configurations
- The range graduations have been removed from the turboprop engine fuel flow arc gauge
- Added an additional display of the torque target bug mode to some formats of EIS display
- The EIS startup screen will now allow for a manual N1 or torque bug to be enabled/disabled
- The prop sync has been removed from twin engine turboprop display backup
- Turbine EIS configurations can now configure non-alerting red markings separately from alerting red markings
- Turboprop Prop RPM gauges will now display to 0.1% resolution when configured to display in % units
- Prop RPM digital value display hysteresis has been adjusted to properly scale for % unit configurations
- Added a border to Turbine EIS bar gauge exceedance timers
- The Low Endurance advisory will now be suppressed for 5 minutes after triggering to prevent nuisance alerting
- Additional aircraft and engine models have been added to the Aircraft Info configuration list
- Additional Current Monitor inputs can now be configured for Twin Engine Turbine EIS
- Turbine engine operating condition can now be configured to use Prop RPM rather than Gas Generator RPM for state transitions
- Turbine engine operating condition will now accurately reflect the Engine Temperature gauge title

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.

- Added a configuration for the GSU 75/GRS 79 to enable extended range Z-Acceleration data, and allowed for extended range Z-Acceleration data to be forwarded to the GTN when available

New Interfaces

- Added multiple new EIS sensor interface configurations, see the Installation Manual for details.



NOTE

Database sync routing is affected by this change. Systems with GTN (v6.72 or earlier) or GPS 175/GNC® 355/GNX™ 375 (v3.11 or earlier) interfaced to G500(H)/G600/G700 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 has been fixed in GTN software v6.73. This limitation will be fixed in future GPS 175/GNC 355/GNX 375 software versions.

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.

PRODUCTS AFFECTED

Table 1. Products Affected

System	Model	Appliance P/N
G500H TXi	GDU™ 700P	011-03306-20, -30 011-03306-22, -32
	GDU 700L	011-03307-20, -30 011-03307-22, -32
	GDU 1060	011-03308-20, -30 011-03308-22, -32
G500 TXi	GDU 700P	011-03306-20, -30 011-03306-22, -32
	GDU 700L	011-03307-20, -30 011-03307-22, -32
	GDU 1060	011-03308-20, -30 011-03308-22, -32
G600 TXi	GDU 700P	011-03306-60, -70, -80, -A0 011-03306-62, -72, -82, -A2
	GDU 700L	011-03307-60, -70, -80, -A0 011-03307-62, -72, -82, -A2
	GDU 1060	011-03308-60, -70, -80, -A0 011-03308-62, -72, -82, -A2
G700 TXi	GDU 700P	011-03306-B0, -C0 011-03306-B2, -C2
	GDU 700L	011-03307-B0, -C0 011-03307-B2, -C2
	GDU 1060	011-03308-B0, -C0 011-03308-B2, -C2
EIS TXi	GDU 700P	011-03306-00, -10 011-03306-02, -12
	GDU 700L	011-03307-00, -10 011-03307-02, -12

WARRANTY INFORMATION

This Service Bulletin is warranty reimbursable with a deadline of August 31, 2025.

DOCUMENTATION CONSIDERATIONS

The G500(H)/G600/G700 TXi Pilot's Guide (190-01717-10) Rev Q is to be provided to the owner/operator if not already provided.

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.