



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

## AVIATION SERVICE DOCUMENT NOTIFICATION

**TO:** GTN™ Xi and GTN 6XX/7XX Owners and Operators  
**DATE:** July 25, 2023  
**SUBJECT:** Approval of GTN 6XX/7XX Software Version 6.73 and  
GTN Xi Software Version 20.31  
**CERTIFICATION**  
**AUTHORIZATION:** SA02019SE-D MDL Revision 41

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### **COMPLIANCE**

Recommended: For GTN 6XX/7XX products, compliance with STC Service Bulletin 23074 is recommended at the next service interval.

Optional: For GTN Xi products, compliance with STC Service Bulletin 23074 is optional and may be incorporated at the owner's discretion.

### **PURPOSE**

This STC Service Bulletin provides notification of an update to STC SA02019SE-D, MDL Rev 41.

Major details of the update are:

- Updated GTN 6XX/7XX main software to Software Version 6.73:
  - Fixed an issue with importing flight plans from a PED.
  - Fixed an issue related to flight plan export to a PED. Changing the active leg will now trigger the flight plan to export.
  - Fixed an issue to prevent unintended changing of the active frequency to the emergency frequency on a power cycle.
  - Fixed an issue where a Low Battery system message was annunciated when GPS reported invalid data/time.
  - Fixed an issue so VOR approach navigation is not aborted with loss of GPS navigation
  - Made improvements to loading a Hold-In-Lieu-of-Procedure Turn (HILPT) as part of an approach by removing additional waypoints that were included between the hold leg and the following hold fix leg.
  - Fixed a database sync issue with G500/G600/G700 TXi (v3.50) and GI 275 (v2.60). Databases will now sync properly with G500/G600/G700 TXi and GI 275 units.
  - Fixed an issue described in Garmin Service Advisory 21124, when selecting some ILS approaches on the GTN navigator the GFC 500 is not able to capture the glideslope.
  - Fixed an issue where the OBS mode could be activated between the FAF and MAP using the OBS Mode Select discrete input.

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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- Fixed an issue described in Garmin Service Advisory 2185, where loading a GPS-based approach before the system has determined a valid GPS position may result in the system aborting the approach in areas without SBAS or for systems that have SBAS disabled.
- GMA™ 35/35c Audio ARC DB version 4.22C improves support for low impedance headset adapters.
- Updated GTN Xi main software to Software Version 20.31:
  - Fixed an issue so the display of NAV angle values on the flight plan page matches the pilot selected NAV units.
  - Fixed an issue to display the Mute Alert button on the ADS-B Traffic page and Alert popup.
  - Improved Database SYNC system message so it clears after viewing.
  - Fixed an issue where a database transfer status would indicate one hundred percent complete when a database transfer had failed.
  - Expanded database information page to include FliteChart and SafeTaxi® database region information.
  - Fixed an issue where a Low Battery system message was annunciated when GPS reported invalid data/time.
  - Made an improvement to the Connex® setup page, so GTX™ icon is removed when Bluetooth is disabled on the GTX.
  - Improved GDL® 60 related features such as messages, registration, removing crew PEDs, and GSR 56 connection.

## **PRODUCTS AFFECTED**

GTN 6XX/7XX and GTN Xi systems installed in accordance with STC SA02019SE-D are affected.

## **WARRANTY INFORMATION**

For GTN 6XX/7XX installations, this modification is warranty reimbursable with a deadline of January 31, 2024.

For GTN Xi installations, this modification is not warranty reimbursable.

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