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AVIATION SERVICE DOCUMENT NOTIFICATION

TO: Garmin GTS 8X0 Owner and Operators
DATE: February 5, 2019
SUBJECT: GTS 8X0 Software Version 4.13 for Non-GX000 Integrated Flight Deck Installations Only
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

Optional: This Service Bulletin may be incorporated at the owner's discretion and is not warranty reimbursable.

PURPOSE

GTS 8X0 software version 4.13 includes the following enhancements:

- Improves magnetic variation calculation by using the internal Magnetic Variation Database when all other sources are invalid
- Improves NAR (Non-Altitude Reporting) intruder bearing calculation
- Improves own ship airborne/on-ground logic

PRODUCTS AFFECTED

All GTS 8X0 units listed in Table 1 with software version 4.12 (or earlier) and interfaced to a GTN 6XX/7XX, GNS 4XX(W)/5XX(W), GNS 480, G500, G500H, G600, GMX 200, MX20, or other 3rd party flight display system are affected.

Table 1. GTS 8X0 Products Affected

Model	Appliance P/N
GTS 800	011-01356-0()
GTS 820	011-01446-0()
GTS 850	011-01533-0()

The current GTS 8X0 software version can be viewed by using the GTS 8X0 Install Tool (refer to the Modification Instructions section of this bulletin), on the software label adjacent to the GTS 8X0 serial number tag (for installations unable to electronically display the software part number), or on the display for those units interfaced through HSDB (e.g. GTN 6XX/7XX, G500, G500H, and G600).

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.