



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

AVIATION SERVICE DOCUMENT NOTIFICATION

TO: GTS™ 8X0 Traffic System (GTS 800/GTS 820/GTS 850) and GTS Processor (GTS 825/855/8000) Owner and Operators

DATE: December 7, 2023

SUBJECT: GTS 8X0 and GTS Processor FPGA Software Version 2.10 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 FPGA software version 2.10 improves ARINC 429 transmitter timing. This change improves communication with certain transponders that require tighter tolerance.

PRODUCTS AFFECTED

All GTS 8X0 (GTS 800/GTS 820/GTS 850) and GTS Processor (GTS 825/855/8000) units with FPGA software version 2.00 that are not installed as part of a GX000 Integrated Flight Deck System (e.g. GX000, G900X® Flight Deck, Embraer Prodigy, Cirrus Perspective) are affected.

The current GTS FPGA software version can be viewed by using the GTS Install Tool (refer to the Modification Instructions section of this bulletin), on the software label adjacent to the GTS 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 Touchscreen Avionics, 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.



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WARRANTY INFORMATION

This modification is not warranty reimbursable.

DOCUMENTATION CONSIDERATIONS

The current revision of the GTS 8XX Pilot's Guide (Garmin P/N 190-00587-02) Rev E is applicable.

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