



AVIATION SERVICE DOCUMENT NOTIFICATION

TO: Registered Garmin GTS 8X0, GTS 8X5, and GTS 800 Owner and Operators
DATE: December 21, 2018

SUBJECT: EASA and FAA Approval of GTS 8X0 software v4.12, GTS 8X5 software v3.12, and installation of the GTS 800 in EASA STC 10067437 and FAA AML STC SA02121SE

CERTIFICATION APPROVAL: EASA STC 10067437 and FAA STC SA02121SE MDL Revision 2

COMPLIANCE

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

PURPOSE

EASA AML STC 10067437 and FAA AML STC SA02121SE Master Drawing List (MDL) (005-00738-01, Rev. 2) includes:

- Software updates for the GTS 8X0 traffic systems listed in Table 1.

Table 1 - GTS 8X0 Software Versions

| Software | Version | Version Previously Approved Under STC SA02016SE-D |
|-----------------|---------|---|
| Main | 4.12 | 2.02 |
| FPGA | 2.00 | 1.00 or 2.00 |
| Region List | 4.00 | 2.00 |
| MagVar Database | 2015.00 | 2010.00 |

- Software updates for the GTS 8X5 traffic systems listed in Table 2.

Table 2 - GTS 8X5 Software Versions

| Software | Version | Version Previously Approved Under STC SA02121SE |
|-----------------|---------|---|
| Main | 3.12 | 2.21 |
| Region List | 3.00 | 2.20 |
| MagVar Database | 2015.00 | 2010.00 |

- The installation approval of the GTS 800.

The GTS software updates in Table 1 and Table 2 include the following changes:

- Receive and provide ADS-B In traffic to the GTN 6XX/7XX, GDU 620, and TXi Flight Displays.
- Expanded the approved interfaced G950/G1000 software versions to include v13.XX through v15.XX. Also approved the interface of G950/G1000 to the GTS 800.
- Approved the use of Calculated Height Above Ground to determine sensitivity level of traffic target detection and alerting on target proximity (reducing nuisance alerts for traffic in an airport environment).

PRODUCTS AFFECTED

GTS 800, 825, and 855 Traffic Systems installed using Approved Model List (AML) Supplemental Type Certificates (STC) 10067437 (EASA) and SA02121SE (FAA) are affected.

GTS 820 and 850 Traffic Systems installed using Approved Model List (AML) Supplemental Type Certificate (STC) SA02016SE-D are affected.

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