



AVIATION SERVICE DOCUMENT NOTIFICATION

TO: All Garmin Aviation Service Centers
DATE: December 03, 2015
SUBJECT: Software Version 8.02 available for GTX 23, GTX 33(D)(ES)(H), and GTX 330(D)(ES) Products (not applicable to G900X, G950, G1000, Cirrus Perspective®, or Embraer Prodigy™ installations) per Service Bulletin 1578

PRODUCTS AFFECTED

This bulletin is applicable to GTX 23, GTX 33(D)(ES)(H), & GTX 330(D)(ES) units with software version 7.04 or previous software versions that are not installed in a Garmin Integrated Flight Deck system (G1000, G1000H, G950, G900X, Cirrus Perspective™, and Embraer Prodigy® Integrated Flight Deck Systems). The GTX 330(D)(ES) current software version is displayed at power up, on the unit's front panel. The GTX 23/ GTX 33(D)(ES)(H) software version is displayed on the remote screen of the controlling LRU (e.g. GTN) Startup/Self-Test Page.

This Service Bulletin authorizes this software version in the applicable LRU(s). The installer or TC/STC holder (if any) must determine applicability and provide for airworthiness at the installation level in accordance with FAA requirements.

PURPOSE

This Service Bulletin incorporates new unit software version 8.02 for GTX units

Software version 8.02 incorporates the following upgrades:

- Updates ATRBS/Mode S functionality to TSO-C112d.
- Updates Automatic Dependent Surveillance - Broadcast (ADS-B) function to add support for the optional Target State and Status squitter message.
- Enhances the GTX 330 display of software version.
- Enhances air state determination algorithms to more closely match other Garmin products.
- Adds suppression logic to the ADS-B Position Warning for the first 150 seconds after power on to avoid nuisance alerts.
- Removes limitation on installations using a Gilham based serial altitude encoder.

DESCRIPTION

This modification consists of accessing the Dealer Resource Center portion of the Garmin website (<https://dealers.garmin.com>) and uploading new software to the unit.

COMPLIANCE

Recommended: It is recommended that this software upgrade be accomplished at the next scheduled service interval.