



## 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.