



1200 E. 151<sup>st</sup> Street  
Olathe, KS 66062  
913-397-8200

## AVIATION SERVICE DOCUMENT NOTIFICATION

**TO:** GTX™ 35R/GTX 45R/GTX 3X5 Transponder Series Owners and Operators  
**DATE:** November 11, 2024  
**SUBJECT:** GTX 35R/GTX 45R/GTX 3X5 Transponder Series Main Software Version 2.90 and ADS-B Software Version 3.60

### 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.

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### COMPLIANCE

Optional: This Service Bulletin may be incorporated at the owner's discretion.

### PURPOSE

GTX 35R/GTX 45R/GTX 3X5 Transponder Series Main Software Version 2.90 contains the following changes:

- Improved the robustness of output label 352 (Control Maintenance Word) on the ARINC 429 Transponder Control Format 2 interface
- Added a configuration setting to GTX 345(D)(R) and GTX 45R units to adjust or disable Fixed Wing Traffic Audio Alert Suppression. Fixed Wing Traffic Audio Alert Suppression is applicable to airplanes with radio altimeters or with TAWS HAT.
- Improved MapMX latitude, longitude, and altitude serial data output

GTX 35R/GTX 45R/GTX 3X5 Transponder Series ADS-B Software Version 3.60:

- Improved Bluetooth connection handling when pairing with an iOS device
- Improved traffic aural alert processing to re-issue aural alerts that are dropped or timed out by interfacing devices
- Improved TIS-B processing to reduce nuisance traffic alerts due to ownship shadowing
- Added support for GNSS output from GPS-equipped units, on HSDB interfaces
- Adjusted the threshold speed below which the bearing is excluded from aural traffic alerts in rotorcraft installations without valid heading data. The speed was reduced from 30 knots to 15 knots.
- Added support for additional ADC and AHRS sensor input via HSDB interfaces

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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### **PRODUCTS AFFECTED**

The following GTX 35R/GTX 45R/GTX 3X5 series units are affected:

**Table 1. Products Affected**

<b>Model</b>	<b>Appliance P/N</b>
GTX 345	011-03302-0( )
GTX 345 GPS	011-03302-4( )
GTX 345R	011-03303-0( )
GTX 345R GPS	011-03303-4( )
GTX 345 NV	011-03302-2( )
GTX 345 NV, GPS	011-03302-6( )
GTX 345D	011-04333-00
GTX 345DR	011-04334-00
GTX 45R	011-04287-0( )
GTX 45R GPS	011-04287-4( )
GTX 325	011-02974-00
GTX 335	011-03300-0( )
GTX 335 NV	011-03300-2( )
GTX 335 GPS	011-03300-4( )
GTX 335R	011-03301-0( )
GTX 335R GPS	011-03301-4( )
GTX 335D	011-04331-00
GTX 335DR	011-04332-00
GTX 35R	011-04286-0( )

### **WARRANTY INFORMATION**

This modification is not warranty reimbursable.

### **DOCUMENTATION CONSIDERATIONS**

The current revision of the GTX 3X5 Series Pilot's Guide (Garmin P/N 190-01499-00) Rev H is applicable. Pilot Guides are available at [www.garmin.com/manuals](http://www.garmin.com/manuals).

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