



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

AVIATION SERVICE DOCUMENT NOTIFICATION

TO: GPS 175/GNX™ 375/GNC® 355 Owner and Operators
DATE: March 10, 2023
SUBJECT: GPS 175/GNX™ 375/GNC® 355 Main Software Version 3.20 and GNX 375 Transponder Board Software Version 2.80
CERTIFICATION AUTHORIZATION: TSO Authorization

COMPLIANCE

Recommended: Compliance with Service Bulletin 22114 is recommended for the models listed in Table 1.

PURPOSE

GPS 175/GNX 375/GNC 355 Main Software Version 3.20 contains the following changes:



NOTE

Systems with GTN (v6.72 or earlier) or GPS 175/GNC® 355/GNX™ 375 (v3.20 or earlier) interfaced to G500(H)/G600/G700 TXi (v3.50 or later) or GI 275 (v2.60 or later) no longer support database sync. Databases will need to be loaded onto each G500(H)/G600/G700 TXi and/or GI 275 unit separately. This limitation will be fixed in future GTN and GPS 175/GNC 355/GNX 375 software versions.

- Added support to use Fuel data from G500(H)/G600/G700 TXi and GI 275 EIS units on the Fuel Planning Page
- Added support for the following RS-232 Fuel formats for fuel data to display on the Fuel Planning Page:
 - FADC Format 1
 - Fuel Format 1
 - Fuel Format 2
- Flight plan waypoints that are used for transitions are now displayed in gray text on the flight plan page
- Route waypoint types have been expanded to include fly-over waypoints
- User waypoint were expanded to support user airports

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- Added Crossfill support for sharing flight plan information between two Garmin navigators: GPS 175, GNC 355, GNX 375, GTN (v6.72), and GTN Xi (v20.30)
- Added support GPS 175 and GNC 355 to receive ADS-B traffic and weather data from a GNX 375
- On GNX 375 OAT user data fields now display when OAT temp probe is installed
- Fixed an issue where users were receiving “ABORT APPROACH” messages when flying LNAV+V approaches
- Fixed an issue with Label 100 in GAMA output formats to allow GDU 620 to change the CDI from GPS to VOR
- Fixed an issue with tuning the GNC 355 COM radio from the G3XT. The MapMx Format 2 interface now sends the correct COM channel spacing value
- Expanded flight plan feature to allow removing a hold at the final approach fix
- Improved the accuracy of the internal AHRS processing for calculating attitude (pitch and roll) provided to a portable electronic device

WARRANTY INFORMATION

This modification is reimbursable under the original Garmin factory warranty.

PRODUCTS AFFECTED

GPS 175, GNC 355, and GNX 375 products listed below with Main Software Version 3.12 and earlier are affected:



NOTE

The software installation procedure documented in this bulletin can be used to load Main Software Version 3.20.

Table 1. Products Affected

Model	Appliance P/N
GPS 175	011-04377-00
GNX 375	011-04378-00
GNC 355	011-04956-00
GNC 355A	011-04956-30

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