



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: June 12, 2023
SUBJECT: GPS 175/GNX™ 375/GNC® 355 Main Software Version 3.21 and GNX 375 Transponder Board Software Version 2.80
CERTIFICATION AUTHORIZATION: TSO Authorization

COMPLIANCE

Recommended: Compliance with Service Bulletin 23037 is recommended for the models listed in Table 1.

PURPOSE

GPS 175/GNX 375/GNC 355 Main Software Version 3.21 contains the following changes from Main Software Version 3.20:

- Corrected an issue where some 1090ES ADS-B and ADS-R surface targets may erroneously appear as directional on the GNX 375
- Improved flight plan importing from a PED
- Added option to set the CDI Scale on the GNC 355

GPS 175/GNX 375/GNC 355 Main Software Version 3.21 contains the following changes from Main Software Version 3.12:

- 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



NOTE

This feature requires settings to be entered in configuration mode: Setup > Interfaces > RS-232.

- 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

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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- User waypoint were expanded to support user airports
- 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)



NOTE

This feature requires settings to be entered in configuration mode: Setup > Interfaces > Cross-Side Navigator.

- Added support GPS 175 and GNC 355 to receive ADS-B traffic and weather data from a GNX 375



NOTE

This feature requires settings to be entered in configuration mode: Setup > Interfaces > ADS-B SRC.

- 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

For GPS 175 and GNC 355 products, this modification is reimbursable under the original Garmin factory warranty.

For GNX 375 products, this modification is warranty reimbursable with a deadline of October 31, 2023.

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PRODUCTS AFFECTED

GPS 175, GNC 355, and GNX 375 products listed below with Main Software Version 3.20 and earlier are affected:

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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