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SERVICE ALERT

NO.: 22122 Rev A

TO: Owners/Operators of G3X Touch™ Systems
DATE: December 21, 2022
SUBJECT: Position Integrity Configuration

PRODUCTS AFFECTED

G3X Touch Systems with Main Software Versions 9.10 through 9.13, interfaced to non-GPS versions of GTX™ 335R, 35R, 345R, and 45R transponders receiving GPS data using RS-232 are affected (this includes all installations in which GPS is provided by either GNS WAAS Series navigators or a GPS 20A).



NOTE

Installations where GTN series navigators and GPS175/GNC355/GNX375 are connected to the transponder using HSDB are not affected.

ISSUE

The affected software set the Position Integrity configuration setting to the equivalent of VFR GPS. This configuration setting may cause the following:

- Unable to pass a ramp test
- Other aircraft may not see the affected aircraft on the ADS-B traffic scope
- Issuance of a non-compliance letter from the FAA

ACTION

1. Enter Configuration mode on the GDU™ 460 by pushing and holding the MENU button and applying power.
2. Touch the Transponder section.
3. Set the Position Integrity to 'IFR GPS 1e-7.'

RESOLUTION

This issue has been fixed in G3X Touch Main Software Version 9.14.

<https://www8.garmin.com/support/collection.jsp?product=010-00G3X-00>

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