

GARMIN®

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AVIATION SERVICE DOCUMENT NOTIFICATION

TO: GI 275 Owners and Operators
DATE: June 19, 2025 (Originally Issued December 20, 2024)
SUBJECT: GI 275 Multi-function Instrument System Software Version 3.40
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.

COMPLIANCE

Recommended: Compliance with this Service Bulletin is recommended at the next scheduled maintenance interval.

PURPOSE

GI 275 Multi-function Instrument System Software Version 3.40 adds the following.

GI 275 (-00 through -70):

- Fixed VNAV issue described in Garmin Service Advisory 24062
- Various Configuration Menu improvements
- Database Sync improvements
- Protected fuel calibration and battery rundown test results from being lost to a config clear
- Configurable OAT Probe Sensor options
 - TAT via an external ARINC 429 source
 - Third Party Oat Probe



NOTE

Only available on select airframes and requires a probe specific calibration file.

- Engine Out Electronic Stability and Protection (EOESP) support
- Configurable ADC Sensor option to allow external Pitot/Static sensor inputs via A429
- ADI Display improvements:
 - Configurable ownship symbol color
 - Added track diamond to the heading tape
- An internally stored default configuration that can be set on the unit without using an external USB
- DB Sync Icon to indicate a database sync is in process
- FAA DATACOMM with CPDLC Annunciation

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- User Nav Angle for heading display
- Disabled reverse sensing when NAV interface is set to GIA A429
- Configurable map icon option for a Fighter Jet
- Countdown to USB detected counter in the configuration menu
- Rad Alt and GPS AGL options to the miscellaneous field display
- Configurable G-Meter filter values



NOTE

This is a configurable value that changes the responsiveness of the G-Meter display.

- Fixed issue with composite nav VOR calibration
- Corrected STEC 55X flight director pitch/roll sensitivity. Refer to the note at beginning of the Modifications Instructions before loading software.

GI 275D (-80):

- Various Configuration Menu Improvements
- Protected battery rundown test results from being lost to a config clear
- Added configurable option to remove display of GPS altitude and track
- Configurable OAT Probe Sensor Options
 - TAT via an external ARINC 429 source
 - Third Party Oat Probe - available on select airframes and requires a probe specific calibration file
- Remote mount ADAHRS Source – A429 Output Improvements
- Configurable ADC Sensor option to allow external Pitot/Static sensor inputs via A429
- An internally stored default configuration that can be set on the unit without using an external USB
- ADI Display improvements:
 - Added standard aircraft symbol
 - Added filtering to MACH display
 - Configurable ownship symbol color
 - Configurable ability to remove white arc from the roll arc
- Added configurable Slats and Flaps based VNE
- Miscellaneous configurable field that can show the following:
 - Outside Air Temperature
 - True Airspeed
 - GPS Ground Speed
- Configurable ability to control display brightness with the outer knob
- Countdown to USB detected counter in the configuration menu
- Removed reverse sensing from VOR

PRODUCTS AFFECTED

GI 275 Multi-function Instruments with System Software Version 3.20 or earlier are affected.

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WARRANTY INFORMATION

Labor reimbursement is available for modifications completed by December 31, 2025, or within the equipment's original factory warranty period.

DOCUMENTATION CONSIDERATIONS

GI 275 Pilot's Guide (190-02246-01) Rev S has been updated to reflect GI 275 Multi-function Instrument System Software Version 3.40.

GI 275D Pilot's Guide (190-03060-00) Rev C has been updated to reflect GI 275D Multi-function Instrument System Software Version 3.40.

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