



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

AVIATION SERVICE DOCUMENT NOTIFICATION

TO: GI 275 Owner and Operators
DATE: February 6, 2024
SUBJECT: GI 275 Multi-function Instrument Software Version 3.10
CERTIFICATION AUTHORIZATION: STC SA02658SE

COMPLIANCE

Optional: STC Service Bulletin 24011 is optional and may be incorporated at the owner's discretion.

PURPOSE

This STC Service Bulletin provides notification of STC SA02658SE Master Drawing List revision 23. This update includes the following changes:

- Updated GI 275 System Software to version 3.10:
 - Added ILS Only configuration for NAV interface
 - Added the Barber Pole style airspeed markings for Vne
 - Added a configuration which will not hold the manual lighting adjustment over a power cycle
 - Added ARINC Label 234 to the ADC Output format
 - Added new configuration to set the minimum airspeed come-alive value
 - Improved the Primus Epic GPS and Flight Plan data output to a PED
 - Improved the On-Battery logic to prevent nuisance instances the system transitions to the internal battery when primary power is lost
 - Modified the Mis-compare alert annunciations when 3 sensors are interfaced in the system. Now when 3 sensors are interfaced, the system only annunciates a Mis-compare on the LRU which has the mismatched sensor.
 - Modified the No-Compare alert annunciation. Now, when a no-compare alert is annunciated, the pilot can check the system messages to remove the no-compare annunciation to declutter the display.
 - Improved GTX™ 3X5 Transponder interface reporting failure in external LRU menu
 - Improved the dynamic display of the altitude tape
 - Improved the display of MACH
 - Improved how the system processes selected CRS when interfaced with GNC® 255 Radio/SL30 and GDU™ 620 Display
 - Improved the display of wind data, when interfaced with a GTN™ XI Touchscreen Avionics
 - Added a new configuration setting to disable Terrain and Traffic pop-up alerts

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- Approved a new airspeed calibration curve for the Textron Aviation (Cessna) 190 and 195 series aircraft. This airspeed calibration allows the GI 275 to replace Cessna 0311015-1 or 0311015-3 (Kollsman Type 586CK-0187) airspeed indicators.
- Approved interface support with the Surefly Tach2 signal conditioner as an RPM input on EIS units.
- Approved a new configuration for inertial-aided vertical speed to improve vertical speed display responsiveness.

PRODUCTS AFFECTED

GI 275 Multi-function Instrument systems installed under the GI 275 Part 23 AML STC SA02658SE are affected.

DOCUMENTATION CONSIDERATIONS

The GI 275 Part 23 AML STC Airplane Flight Manual Supplement, Garmin P/N 190-02246-12, Rev 11 is required to be issued to the aircraft owner/operator before the aircraft is returned to service, if not already provided.

The GI 275 Pilot's Guide, Garmin P/N 190-02246-01, Rev P has been updated to reflect GI 275 Multi-function Instrument Software Version 3.10.

WARRANTY INFORMATION

This modification is not warranty reimbursable.

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