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AVIATION SERVICE DOCUMENT NOTIFICATION

TO: Garmin GI 275 Owners and Operators
DATE: April 23, 2021
SUBJECT: Modification of GEA 24 Resistive Fuel Probe Interface
CERTIFICATION AUTHORIZATION: FAA STC SA02658SE MDL Revision 10

COMPLIANCE

Mandatory: This STC Service Bulletin must be incorporated within the next 100 hours time-in-service (TIS) after April 23, 2021 or within 12 calendar months after April 23, 2021, whichever occurs first.

PURPOSE

The GI 275 fuel quantity gauges may provide erroneous indications when (1) interfaced to a GEA 24 with resistive fuel probes and (2) the GEA 24 unit is subject to significantly hotter or colder temperatures than the temperature at which the fuel gauges were calibrated during installation.

This fixes the issue described in Garmin Service Alert 20137.

PRODUCTS AFFECTED

All aircraft modified with GI 275 Multi-Function Instrument AML STC SA02658SE, MDL Revision 9 or earlier, with a GEA 24 EIS interface to resistive fuel senders are affected.

Aircraft that are not affected:

- Aircraft modified in accordance with GI 275 STC SA02658SE, MDL Revision 10 or later
- Aircraft using GEA 110(s)
- Aircraft without fuel quantity gauges displayed on the GI 275
- Aircraft without a resistive probe interface (e.g. all CiES probes or Signal Conditioners)

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