

SERVICE ALERT

NO.: 2182 Rev B

TO: Owners and Operators of aircraft with a dual GI 275 ADAHRS installation using a single pitot/static system.

DATE: January 7, 2022

SUBJECT: Dual GI 275 simultaneous “AHRS Align” message in flight

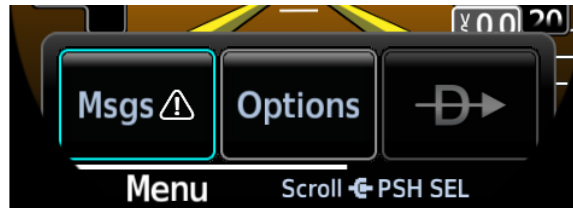
REVISION B: Corrected Products Affected and Resolution

PRODUCTS AFFECTED

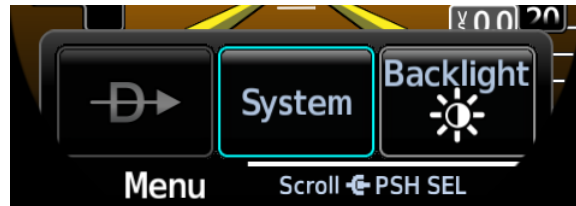
GI 275 installations with Expansion Board software version 2.42 or earlier, in the dual-ADAHRS configuration in aircraft with non-redundant or single-source pitot systems are affected.

Do the following to view the Expansion Board software version:

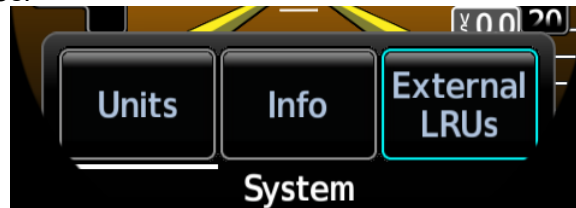
1. With the GI 275 unit powered on, enter the system menu by either swiping up or push and hold the knob for two seconds.



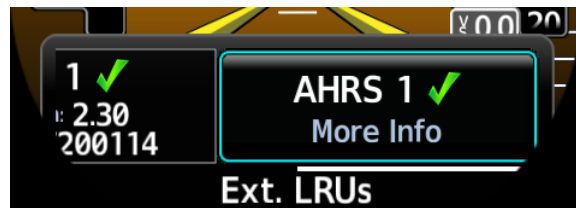
2. Select System.



3. Select External LRUs.



4. Select AHRS.



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5. The AHRS software reports the Expansion Board software versions. View the software version.



ISSUE

If the aircraft's pitot tube becomes obstructed due to the pitot tube cover being left on, icing blockage, and/or other debris obstruction, the GI 275 airspeed input can be interrupted. This interruption may cause both GI 275 units to enter alignment mode during certain maneuvers. If this occurs, it will result in the temporary loss of all attitude information from both GI 275 units.

PILOT ACTION

If the GI 275 dual-AHRS configuration is the only source of attitude in an aircraft without a redundant pitot source, do not fly in instrument meteorological conditions.

If the GI 275 Attitude display enters alignment mode during flight, when appropriate, establish wings level (stable flight with assumed bank angles less than 5 degrees) to allow the units to realign and recover attitude display.

RESOLUTION

This issue will be resolved with the incorporation of STC Service Bulletin 22002, which authorizes the installation of GI 275 Software Version 2.43. This service bulletin is available and is considered mandatory for installations with no tertiary source of attitude information and no redundant source of pitot pressure.