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Olathe, KS 66062
913-397-8200

SERVICE BULLETIN

NO.: 25030 Rev A

TO: All Garmin Aviation Service Centers
DATE: June 25, 2025
SUBJECT: GI 275 Multi-function Instrument System Software Version 3.42

CERTIFICATION

AUTHORIZATION: TSO Authorization (see Approval section for details)

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.

PRODUCTS AFFECTED

GI 275 Multi-function Instruments with System Software Version 3.40 or earlier are affected.

PURPOSE

GI 275 Multi-function Instrument System Software Version 3.42 adds the following.

- Improved behavior so when Heading source is set to Primary, unit chooses the highest priority AHRS Heading source
- Added ability to hide individual misc fields from selection and display
- Allow change of displayed names for misc fields (TAT or RAT) and (OAT or SAT)
- When installed in various GIFD systems, the roll threshold was expanded to match the primary system of 6 degrees
- Improved Miscompare Annunciation logic when installed with G500/G600 TXi
- Updated DB Sync Icon
- Corrected Wind direction vector and wind data priorities
- Improve PFD Pitch Wheel Sync logic when installed with G500/G600 TXi and GFC 600
- Added GIA 6X as GPS Source Configuration
- Added new selectable filtering for ADAHRS/AHRS 429 outputs (GI 275D -80 Only)

DESCRIPTION

This modification consists of accessing the Dealer Resource Center of the Garmin website and uploading GI 275 Main Software Version 3.42, (SFD) System 2 Software Version 3.41, LCD Software Version 3.40, and Expansion Software Version 3.41.

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MATERIAL INFORMATION

A GI 275 Software Loader Image 006-B3182-0V (available on the Dealer Resource Center dealers.garmin.com).

COMPLIANCE

This service bulletin is optional and may be incorporated at the owner's discretion.

APPROVAL

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.

GI 275 Multi-function Instrument System Software Version 3.42 is TSO authorized. Refer to the applicable installation manual for additional approvals. The change from system software version 3.40 is minor per 14 CFR 21.619.

DOCUMENTATION CONSIDERATIONS

No updates have been made to the Pilot's Guides.

The latest revisions to the Pilot's Guides are:

- GI 275 Pilot's Guide (190-02246-01) Rev S
- GI 275D Pilot's Guide (190-03060-00) Rev C

REFERENCES

Table 1. References

Document Number	Revision (or later)	Description
190-02246-00	16	GI 275 Multi-Function Instrument Installation Manual
190-02246-01	S	GI 275 Pilot's Guide
190-03060-00	C	GI 275D Pilot's Guide

All documents described in this bulletin are available at no cost in the Dealer Resource Center on the Garmin website <https://dealers.garmin.com>.

MANPOWER

One (1) hour labor per affected aircraft to update the GI 275 Software.

WARRANTY INFORMATION

This modification is not warranty reimbursable.

MODIFICATION INSTRUCTIONS

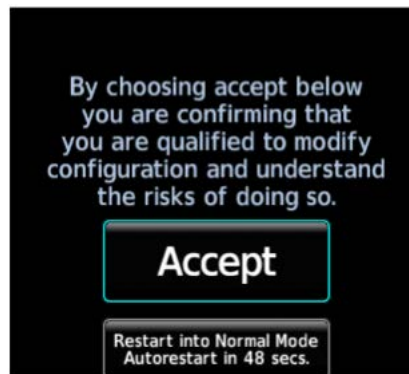
1. Download the software image (006-B3182-0V.exe) and save to your hard drive.
2. Open 006-B3182-0V.exe.
3. Select "Yes."
4. Connect a USB drive to your PC and follow the on-screen prompts.



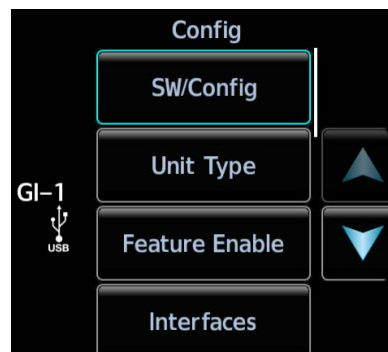
NOTE

This process will overwrite any existing data on the USB drive.

5. Push and hold the GI 275 inner knob while applying power to enter Configuration Mode.
6. Accept the prompt.

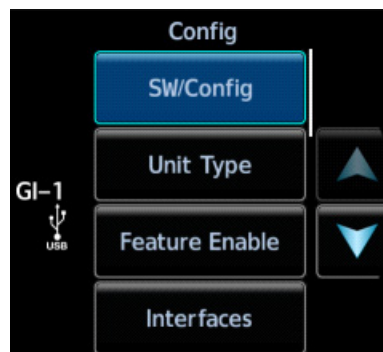


7. Attach the USB drive to the dongle or the GSB™ 15 high-speed USB charging hub for aircraft.
8. Wait for the USB image to appear, indicating valid connection to the GI 275.

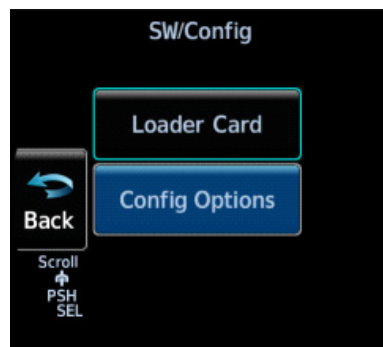


To Save the system configuration:

9. Select **SW/Config**.



10. Select **Config Options**.



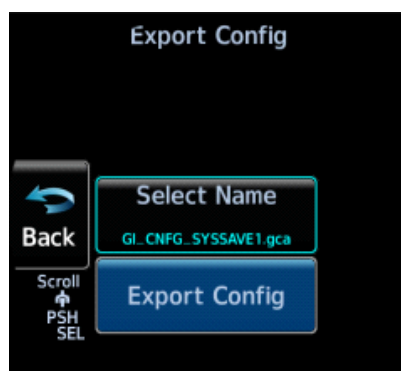
11. Select **Select Name**.



12. Enter File Name.



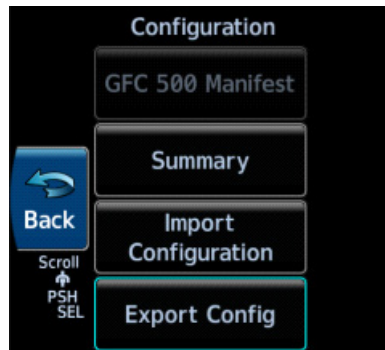
13. Select **Export Config**.



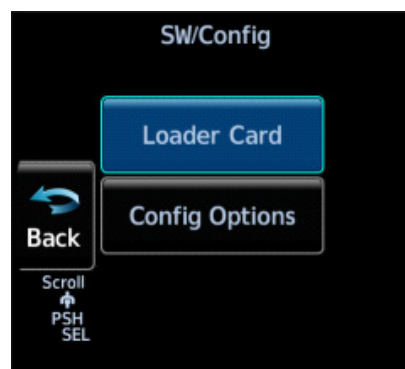
14. Select **Complete**.



15. Select **Back** to return to the SW/Config menu.

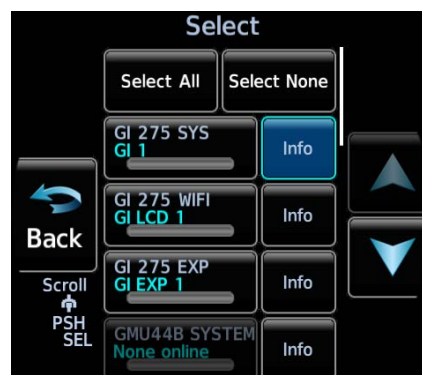


16. Select **Loader Card**.

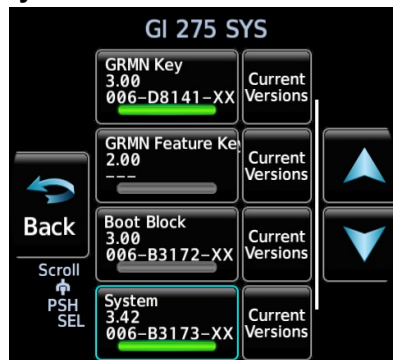


To load software to units with software versions earlier than 3.01, continue to Step 17. To load software to units with 3.01 or later, continue to Step 24.

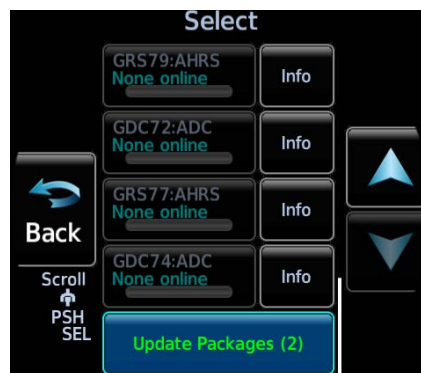
17. Select **Info**.



18. Select **GRMN Key 3.00** and **System 3.42**.



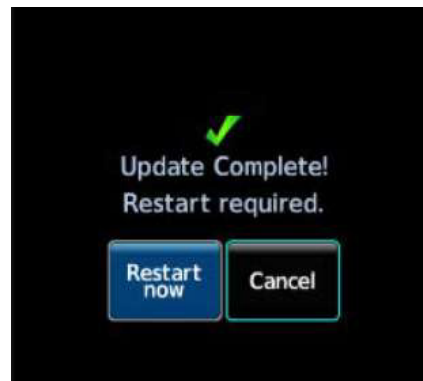
19. Select **Update Packages**.



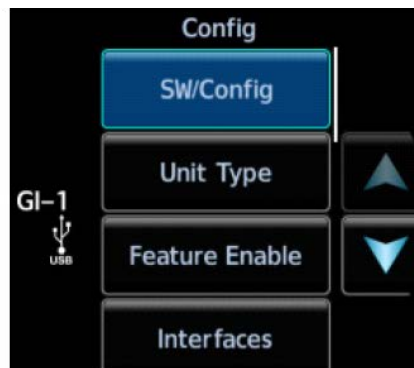
20. Select **Begin Update**.



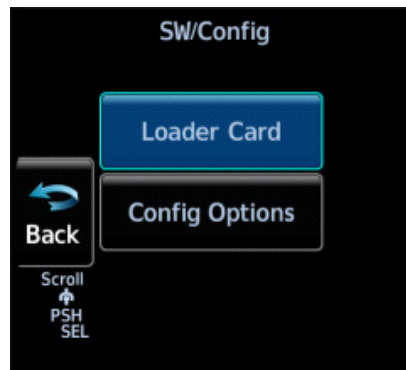
21. Once the software load is complete, select **Restart Now**. The unit will enter Configuration mode.



22. Select **SW/Config**.



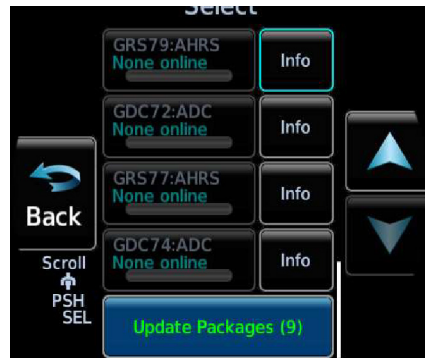
23. Select **Loader Card**.



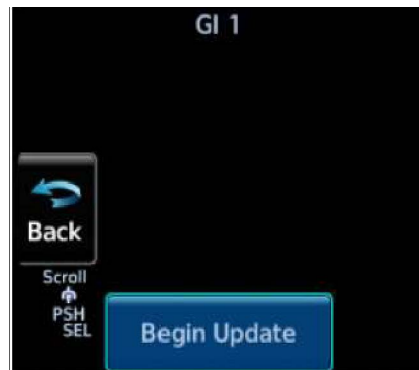
24. Select **Select All** (or manually select the desired software versions to load).



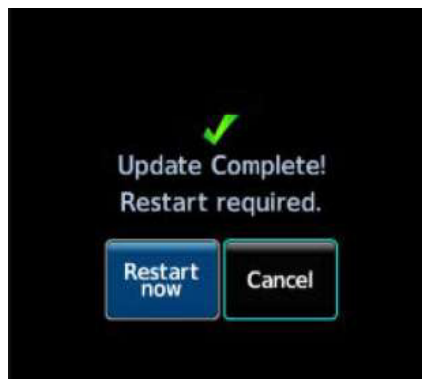
25. Select **Update Packages**.



26. Select **Begin Update**.



27. Once the software load is complete, select **Restart Now**. The unit will enter Configuration mode.



28. Select **System Info**.

29. Select **Device Info**.

30. Make sure all software versions agree with the following table.

Table 2. Software

Software	Version
Main	3.42
LCD	3.40
Expansion	3.41
SFD	3.41

31. Remove power.

RETURN TO SERVICE TEST PROCEDURE

Successful completion of the modification instructions of this bulletin is adequate to return the GI 275 to service after the software modification.

Installers that are applying the Garmin STC must consult the appropriate STC Service Bulletin for installation return to service test procedures. Installers who are not applying the Garmin STC should consult the GI 275 Multi-Function Indicator TSO Installation Manual (or appropriate STC data) and do applicable ground checks.