GARMIN.

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

AVIATION SERVICE DOCUMENT NOTIFICATION

TO: Garmin G1000® equipped Textron Aviation 172R/S, (T)182T, (T)206H, G36 and G58 owner/operators

DATE: October 14, 2022

SUBJECT: G1000 NXi Hardware and Software update for G1000-equipped Textron Aviation 172R/S, (T)182T, (T)206H, G36 and G58 airplanes

**CERTIFICATION
AUTHORIZATION:**   STC SA01945WI

Before converting a foreign registered aircraft, ensure that STC SA01945WI is accepted or validated for that country. STC SA01945WI may also be used to update aircraft that were converted from G1000 legacy to G1000 NXi by STC SA01830WI.

───

COMPLIANCE

Optional: This Service Bulletin may be incorporated at the owner's discretion and is not warranty reimbursable.

PURPOSE

New Hardware:

- NXi display hardware:
    - GDU™ 1050 for 172R/S aircraft without autopilot
    - GDU 1054B for 172R/S (with autopilot), (T)182T, and (T)206H aircraft
    - GDU 1050 and 1055 for G36 and G58 aircraft
- Flight Stream 510 for data streaming and database updates
- GTX™ 345R (Optional)

> **NOTE**
>
> *For installations with a GTX 33 non-ES, a GTX 3X5(R) or GTX 33 ES is required.*

- GTX 335R (Optional)
- GDL® 69A SXM (Optional)

Please contact your local Garmin Avionics Dealer (http://www.garmin.com/dealers/) for additional information or for questions regarding this notification. This service notification and associated bulletin/advisory product changes can only be implemented through Garmin's authorized dealer and service center network. This document is not a substitute for and cannot be used in lieu of the document(s) referenced above for airworthiness approval.

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

G1000 NXi System Software Versions 4013.00 and 4014.02 provide the following new features:

- NEXRAD Animation
- Visual Approach support
- Flight Plan auto-nomination
- Transition to Approach
- SurfaceWatch™
- Vertical Situation Display
- HSI map
- Visual Reporting Points
- IFR/VFR maps
- Dual charts to allow pilot selection of FliteCharts® or ChartView™ for display

STC SA01945WI may also be used to update aircraft that were converted from G1000 legacy to G1000 NXi by STC SA01830WI. The new STC SA01945WI is the same as STC SA01830WI except as follows:

- Approves optional GTX 335R transponder
- Approves optional GDL 69A SXM
- Provides compatibility with Wipaire STC SA03323CH for the Lycoming IO-580-B1A engine conversion in the Cessna 182T
- Resolves heading issues seen on some NAV III aircraft

G1000 NXi System Software Versions 4013.01 and 4014.03 provide the following new features:

- Updates audio alert volume levels
- Supports SA01830WI aircraft installed with GSU 75 ADAHRS, GDC 72 ADC, GRS 79 AHRS, and/or GTS™ 800 TAS
- Fixes GWX™ Manifest Error

<u>PRODUCTS AFFECTED</u>

The following systems are affected:

- G1000 WAAS systems with System Software Versions 0563.03 through 0563.36 installed in Textron Aviation 172R/S, (T)182T, and (T)206H aircraft
- G1000 WAAS systems with System Software Versions 0857.05 through 0857.10 installed in Textron Aviation G58 aircraft
- G1000 WAAS systems with System Software Versions 0858.05 through 0858.10 installed in Textron Aviation G36 aircraft
- G1000 NXi systems with System Software Version 2501.01 through 2501.02 installed in Textron Aviation 172R/S, (T)182T, and (T)206H aircraft
- G1000 NXi systems with System Software Version 2788.02 through 2788.04 installed in Textron Aviation G58 aircraft
- G1000 NXi systems with System Software Version 2780.01 through 2780.03 installed in Textron Aviation G36 aircraft