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AVIATION SERVICE DOCUMENT NOTIFICATION

TO: Owners and Operators of G5000® Flight Deck equipped Textron Aviation Inc. Model 560XL

DATE: October 23, 2024

SUBJECT: G5000 System Software Version 3343.06 for G5000-equipped Textron Aviation Inc. Model 560XL

CERTIFICATION AUTHORIZATION: STC ST01918WI MDL Revision 27 (see Approval section for details)

PRODUCTS AFFECTED

All G5000 Integrated Flight Decks installed in Textron Aviation Inc. (Cessna) Model 560XL aircraft equipped with G5000 System Software Version 3343.05 or earlier under STC ST01918WI are affected.



NOTE

Excel/XLS aircraft equipped with Fairchild L3 F1000 FDR are not eligible for this update.

COMPLIANCE

Optional: This STC Service Bulletin may be incorporated at the owner's discretion.

PURPOSE

STC ST01918WI, Master Drawing List 005-01202-00 Rev 27 includes software and optional hardware updates for G5000-equipped Textron Aviation Inc. (Cessna) Model 560XL aircraft. The software and hardware updates are as follows:

Software Version 3343.06:

- (TOLD) Takeoff and Landing Data updates
- (PERF) Performance Management function
- (RNP) Required Navigation Performance and DME-DME Multi-sensor navigation
- Predictive Windshear
- GWX™ Weather Radar Auto Scan Mode
- Hail and Lightning Prediction
- CPDLC Automation
- (WQ IEL) ACARS Multi-Level Cruise Winds
- Synthetic Vision Enhancements
- 3D SafeTaxi® Database with Taxiway Routing

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- SiriusXM Center Weather Advisories
- AHRS Free Directional Gyro Mode with GRS 7800 AHRS

- GDL® 60 Data Transceiver LTE/WIFI Datalink Features
 - Automatic updates and wireless download of avionics databases
 - Upload of aircraft and flight data
 - Live aircraft state
 - External aircraft “wake up”
 - Enhanced Connex® Computer Application PED connectivity

- ADS-B In Features with GTX™ Transponder 345R ADS-B In receiver
 - FIS-B Weather Data and Products
 - SURF-IA (Enhanced Traffic Situational Awareness on the Airport Surface with Indications and Alerts)
 - Cockpit Display of Traffic Information Assisted Visual Separation (CAVS)

New Hardware

- GRS 7800 AHRS (Optional)
- GDL® 60 LTE Datalink (Optional)
- GTX™ 345R ADS-B Transponder (Optional)

Hardware Obsolescence Upgrades

- GDL® 69A Sirius/XM Receiver
- GSD 41B Data Concentrator
- GSM 9100 Autopilot Servo Gearbox

WARRANTY INFORMATION

This modification is not warranty reimbursable.

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DOCUMENTATION CONSIDERATIONS

As a result of changes related to the system software version update, the applicable documents listed in Table 1 are required to be issued to the aircraft operator/owner before the aircraft is returned to service.

The revised AFMS document describes new features and functionality.

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

Table 1 Referenced Documents

Document Title	Part Number	Revision (or later)
Airplane Flight Manual Supplement, G5000 Integrated Avionics System in Textron Aviation Inc. Citation Model 560XL	190-02313-03	10
G5000 Integrated Avionics System Pilot's Guide Cessna Citation 560XL/XLS System Software Version 3343.06 or later	190-02537-03	A
G5000 Integrated Avionics System Cockpit Resource Guide, Cessna Citation XL/XLS System Software Version 3343.06 or later	190-02538-03	A

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