GARMIN.

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

AVIATION SERVICE DOCUMENT NOTIFICATION

TO: Garmin G1000® NXi King Air 200/300 Series Owner and Operators

DATE: March 31, 2022

SUBJECT: G1000 NXi STC Software Update for 200/300 Series Aircraft

**CERTIFICATION
AUTHORIZATION:**   STC SA01535WI-D

COMPLIANCE

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

PURPOSE

This service bulletin provides notification of an available update to System Software Version 2286.14 and includes the following changes:

NOTE

With this update, the 'FDR with GIA64 Option' configuration – intended to support a 3rd party FDR STC - was removed from the software image. In the future, a separate supplemental loader image will be created that contains the updated GIA 64 FDR configuration.

- Support for -05 GEA™ 71B LRU (allows removal of existing Meggitt Signal Conditioners)
- Support for -01 GTX™ 345R LRU (end-of-life planning only, no functional change)
- Improvements to EIS transient indications for Prop RPM, Torque, and ITT
- Addition of new features:
    ◦ Standby Flight Plans
    ◦ (Advisory) VNAV Guidance for Non-Precision Approaches
    ◦ Fast Find
- Support for direct (analog) interface to Collins ALT-50A or ALT-55B Radio Altimeter
- GSU 75 software update to address susceptibility to reset in certain ground circumstances when operating without GPS aiding
- GSA 9XXX software and Rudder Boost performance updates (300/B300 only)
- Gain file updates for VNAV acknowledgment timeout and transition to approach force capture threshold improvements

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.

PRODUCTS AFFECTED

All Textron Aviation Inc. (Beechcraft) King Air 200 and 300 series aircraft equipped with G1000 Integrated Flight Deck per STC SA01535WI-D with system software versions 2286.06 through 2286.13 and equipped with all of the following LRUs:

- GIA 64E
- GMA 1360D
- GEA 71B
- GRS 7800/GDC 7400 or GSU 75B