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AVIATION SERVICE DOCUMENT NOTIFICATION

TO: Textron Aviation Inc. Model 510 Mustang G1000 NXi Integrated Flight Deck Owners and Operators

DATE: March 24, 2025

SUBJECT: G1000[®] NXi STC Update for Textron Aviation Model 510 Mustang

CERTIFICATION AUTHORIZATION: STC SA01896WI MDL Revision 7

PRODUCTS AFFECTED

Textron Aviation Inc. Model 510 Mustang aircraft equipped with G1000 NXi Integrated Flight Deck per STC SA01896WI are affected.

COMPLIANCE

Recommended: Compliance with this STC Service Bulletin is recommended at the next scheduled maintenance interval.

PURPOSE

This STC service bulletin provides notification of System Software Version 413.46, which provides the following:

- Fixed an ADS-B TSO non-compliance issue as described in Garmin Service Advisory 23033
- Fixed GWX Processor software load not reporting issue
- Added support for loading optional GSR software
- Added support for LFE (Landing Field Elevation) population from the flight plan
- Added support for Flight Stream 510 configuration mode
- Added support for Flight Stream 510 wireless and Connex libraries

WARRANTY INFORMATION

Modification of affected units is covered under the Garmin factory warranty with a deadline of September 30, 2025.

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DOCUMENTATION CONSIDERATIONS

Documents listed in Table 1 are required to be issued to the aircraft owner/operator before the aircraft is returned to service, if not already provided.

Table 1. Document Considerations

Document Title	Part Number	Revision (or later)
Airplane Flight Manual Supplement G1000 NXi Integrated Avionics System and GFC 700 AFCS in Citation Mustang Model 510	190-02450-02	2
G1000 NXi Pilot's Guide Cessna Mustang	190-02522-01	A
G1000 NXi Cockpit Reference Guide Cessna Mustang	190-02523-01	A

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