



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

AVIATION SERVICE DOCUMENT NOTIFICATION

TO: Garmin G1000 NXi-equipped Embraer EMB-500 Phenom 100 Owners and Operators

DATE: September 23, 2020

SUBJECT: G1000 NXi System Software Version 3643.04 for G1000 NXi-equipped Embraer EMB-500 Phenom 100 airplanes

CERTIFICATION AUTHORIZATION: STC SA01933WI

COMPLIANCE

MANDATORY: Compliance with the STC service bulletin is mandatory at the next 100-hour/annual inspection, not to exceed 6 months.

PURPOSE

This Service Bulletin announces the approval of G1000 NXi System Software Version 3643.04 in Embraer EMB-500 Phenom 100.

G1000 NXi System Software Version 3643.04 provides the following enhancements:

- Corrects SW loading of the GWX 68 Weather Radar
- Corrects the EDM (Emergency Descent Mode) annunciation color from red to green
- Enables the CVR (Cockpit Voice Recorder) erase function
- Enables the CVR failure indication
- Enables the FDR (Flight Data Recorder) failure indication
- Enables the cabin altitude high driven automatic thrust reserve inhibit

PRODUCTS AFFECTED

G1000 NXi-equipped Embraer EMB-500 Phenom 100 aircraft with system software version 3643.00 or 3643.01 installed under STC SA01933WI are affected.



NOTE

This STC Service Bulletin supersedes Garmin STC Service Bulletin 2091 (P100 aspects only).

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.