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AVIATION SERVICE DOCUMENT NOTIFICATION

TO: G1000® Phenom EMB-500 and EMB-505 Aircraft Aircraft Owner and Operators
DATE: October 28, 2022
SUBJECT: G1000 NXi STC Software Update for Phenom EMB-500 and EMB-505 Aircraft
CERTIFICATION AUTHORIZATION: STC SA01933WI

COMPLIANCE

Optional: STC Service Bulletin 22093 may be incorporated at the owner's discretion.

PURPOSE

This service bulletin provides notification for System Software Version 3643.06 and provides the following:

- GTX™ 345(D)R ADS-B system software update to version 3.14 for improved 1090ES ADS-B/ADS-R/TIS-B message reception processing (applicable to EMB-500 only)
- Audio configuration update to provide improved audio output in support of the optional CVR (use and approval are the responsibility of the installer); refer also to Service Bulletin 22092.
- New option to enable ATC audio to the cabin (GMA™ 1360D installations)
- Configuration update to correct brake pressure parameter display on the OEM Diagnostics page
- Configuration update to allow changes to the default page navigation timeout setting
- Emergency Descent Mode (EDM) improvement to switch transponder code to 7700 with EDM activation
- EDM configuration updated to set airspeed reference upper limit to 275 knots (EMB-500) and 250 knots (EMB-505)

PRODUCTS AFFECTED

Embraer S.A EMB-500 (Phenom 100) and EMB-505 (Phenom 300) aircraft equipped with G1000 NXi Integrated Flight Deck installed per AML STC SA01933WI System Software Version 3643.00 thru 3643.04 are affected.



NOTE

System Software Version 3643.05 will never be released.

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