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SERVICE ADVISORY

NO.: 23116 Rev A

TO: G1000® NXi Integrated Flight Deck Embraer S.A. Models EMB-500
and EMB-505 Phenom aircraft Owners and Operators

DATE: November 29, 2023

SUBJECT: ATR (Automatic Thrust Reserve)

PRODUCTS AFFECTED

G1000 NXi Integrated Flight Deck with system software versions 03643.00 thru 03643.06 installed in Embraer S.A. Models EMB-500 and EMB-505 Phenom aircraft using AML STC SA01933WI are affected.

ISSUE

While on the ground and ATR set to OFF, ATR may revert to ON.



NOTE

Once the system reverts ATR to ON, it cannot be changed to OFF.



NOTE

ATR ON provides a more conservative FADEC (Full Authority Digital Engine Control) response.

ACTION

Before takeoff verify the ATR indication at the top of the EIS display for current ATR operating mode. Refer to the Embraer S.A. Pilot's Operating Handbook and Airplane Flight Manual for details on ATR.

RESOLUTION

This issue will be fixed in a later software update (expected Q4 of 2024).

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