

**SUBJECT:** SPURIOUS BRK FAIL AND/OR ANTI-SKID FAIL CAS DURING ENGINES STAR

In connection with the use of this document, Embraer does not provide any express or implied warranties and expressly disclaims any warranty of merchantability or fitness for a particular purpose.

This document contains trade secrets, confidential, proprietary information of Embraer and technical data subject to the Export Administration Regulation ("EAR") and export control laws and regulations from other countries. The use contrary to the information described on EAR and other laws and regulations is strictly prohibited. The above restrictions apply to data on all pages of this document.

## 1. SL APPLICABILITY

Information presented in this Service Letter is applicable to the EMB-500 Phenom 100 fleet equipped with BCU-8 (Post-Mod. SB 500-32-0019 or SB 500-32-0020), except Phenom 100E/EV).

## 2. VALIDITY

This SL remains valid until it is superseded or cancelled by a subsequent revision.

## 3. PURPOSE

To inform a possible spurious CAS message after BCU-8 installation.

## 4. COMPLIANCE

This Service Letter is for informational purposes only.

## 5. APPROVAL

This Service Letter is approved by Embraer - Engineering Board.

## 6. REFERENCES

None.

## 7. MATERIAL INFORMATION

None.

## 8. DESCRIPTION

Embraer has received reports of the CAS messages BRK FAIL and/or ANTI-SKID FAIL being spuriously presented during engines start. This issue has occurred in Phenom 100 aircraft that had the BCU-8 installed, except for Phenom 100E and Phenom 100EV.

These messages are triggered by the brake system when an expected BCU-8 reset occurs during the engines start.

DATE: 19/Nov/2021

SL No.: 500-32-0014

REVISION No.: \_\_ - \_\_/\_\_/\_\_

PAGE: 1 of 2

If the CAS messages BRK FAIL and/or ANTI-SKID FAIL are/is presented and extinguished within 30 seconds, aircraft operation can continue normally, and no maintenance action is required. Otherwise, call maintenance personnel.

Despite this possible situation, Embraer recommends that the operators install the BCU-8 because it contains fixes and improvements. Refer to the SB for more details.