



AGÊNCIA NACIONAL DE AVIAÇÃO CIVIL - BRAZIL

BRAZILIAN AIRWORTHINESS DIRECTIVE

AD No.: 2026-07-02

Effective Date: 30 Jul. 2026

The following Brazilian Airworthiness Directive (AD), issued by the Agência Nacional de Aviação Civil (ANAC) in accordance with provisions of Chapter IV, Title III of Código Brasileiro de Aeronáutica - Law No. 7,565 dated 19 December 1986 - and Regulamento Brasileiro da Aviação Civil (RBAC) 39, applies to all aircraft registered in the Registro Aeronáutico Brasileiro. No person may operate an aircraft to which this AD applies, unless it has previously complied with the requirements established herein.

AD No. 2026-07-02 - EMBRAER / 39-1605.

APPLICABILITY:

This Airworthiness Directive applies to Embraer S.A. airplanes models ERJ 190-300 and ERJ 190-400, in operation, serial numbers as specified in Embraer Service Bulletin SB190E2-54-0009, revision 00, dated January 09, 2026, or revision 01, dated May 28, 2026.

CANCELLATION / REVISION:

This AD cancels and supersedes the AD No. 2026-07-01/ 39-1604, dated July 23, 2026, and is being issued to, without affecting the continued operational safety, extend the compliance period from 36 to 48 months due to the possibility of lack of parts as well as lack of appropriate facilities for the execution of the AD 2026-07-01 in 36 months. Additionally, it is being included the text regarding service information containing steps marked as "Required for Compliance", in paragraph (b), "Alternative methods of compliance (AMOCs)", of this AD.

REASON:

This AD was prompted by a identification made during a drainage test on a prototype aircraft that, in case of a massive hydraulic fluid (skydrol) leakage and accumulation, the fluid can migrate to high-temperature regions through bulb seal at the interface between the pylon main box and pylon aft fairing, which can lead to fluid ignition and, consequently, fire at these regions.

Considering that this condition may occur in other airplanes of the same type and affect flight safety, a corrective action is required. Thus, sufficient reason exists to request compliance with this AD in the indicated time limit.

REQUIRED ACTION:

This AD requires the replacement of the drain tubes in the pylon main box of the Left-Hand (LH) and Right-Hand (RH) pylons and installation of a shroud and seal on the pylon aft fairing.

COMPLIANCE:

Compliance shall be performed in accordance with the instructions provided below, except when the required actions have already been completed.

(a) Drain tube replacement in the Pylon Main Box and Shroud and Seal installation on the Pylon Aft Fairing

Within 48 (forty-eight) months after July 23, 2026 (effectivity date of AD 2026-07-01):

(1) Replace the drain tubes, increase the drain holes apertures, and install a closing rib in the Left-Hand (LH) pylon main box, according to the instructions of Part I of Service Bulletin SB190E2-54-0009, revision 00, dated January 09, 2026, or revision 01, dated May 28, 2026, or further revisions approved by ANAC.

NOTE 1: paragraph **(a)(1)** of this AD must be accomplished first or in conjunction with paragraph **(a)(2)** below, to allow the reworked pylon aft fairing (with shroud and seal) to be installed without interference with the old drain tubes.

(2) Install a shroud and seal to the Left-Hand (LH) pylon aft fairing, according to the instructions of Part II of Service Bulletin SB190E2-54-0009, revision 00, dated January 09, 2026, or revision 01, dated May 28, 2026, or further revisions approved by ANAC.

(3) Replace the drain tubes, increase the drain holes apertures, and install a closing rib in the Right-Hand (RH) pylon main box, according to the instructions of Part III of Service Bulletin SB190E2-54-0009, revision 00, dated January 09, 2026, or revision 01, dated May 28, 2026, or further revisions approved by ANAC.

NOTE 2: paragraph **(a)(3)** of this AD must be accomplished first or in conjunction with paragraph **(a) (4)** below, to allow the reworked pylon aft fairing (with shroud and seal) to be installed without interference with the old drain tubes.

(4) Install a shroud and seal to the Right-Hand (RH) pylon aft fairing, according to the instructions of Part IV of Service Bulletin SB190E2-54-0009, revision 00, dated January 09, 2026, or revision 01, dated May 28, 2026, or further revisions approved by ANAC.

(b) Alternative methods of compliance (AMOCs).

(1) A different method or a different compliance time, with the requirements of this AD, may be used if approved by the Manager of the Continuing Airworthiness Technical Branch (GTAC) of ANAC.

(2) For service information that contains steps that are labeled as Required for Compliance (RC), the provisions of paragraphs (b)(2)(i) and (b)(2)(ii) of this AD apply.

(i) The steps labeled as RC, including sub steps under an RC step and any figures identified in an RC step, must be done to comply with this AD. An AMOC is required for any deviations to RC steps, including sub steps and identified figures.

NOTE: If a step or sub step is indicated as "RC Exempt", then the RC requirement is removed from that step.

(ii) Steps not labeled as RC may be deviated from using accepted methods

in accordance with the operator's maintenance or inspection program without obtaining approval of an AMOC, provided the RC steps, including sub steps and identified figures, can still be done as specified, and the airplane can be put back in an airworthy condition

(c) Material Incorporated by Reference

Embraer Service Bulletin Nº SB190E2-54-0009, revision 00, dated January 09, 2026, or revision 01, dated May 28, 2026; or further revisions approved by ANAC, must be used to perform the actions required by this AD, unless this AD specifies otherwise.

CONTACT:

For additional technical information, contact:
National Civil Aviation Agency (ANAC)
Continuing Airworthiness Technical Branch (GTAC)
Rua Doutor Orlando Feirabend Filho, nº 230
Centro Empresarial Aquáriu – Torre B – Floors 14 and 15
Parque Residencial Aquáriu
CEP 12246-190 – São José dos Campos – SP
E-mail: pac@anac.gov.br

APPROVAL:

LUCIANA FERREIRA VIEIRA
Head of Airworthiness Department
ANAC

NOTA: Original in Portuguese language signed and available in the files of the Continuing Airworthiness Technical Branch (GTAC) of the National Civil Aviation Agency (ANAC).