



AGÊNCIA NACIONAL DE AVIAÇÃO CIVIL - BRAZIL

BRAZILIAN AIRWORTHINESS DIRECTIVE

AD No.: 2021-11-01R1

Effective Date: 21 Jan. 2022

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. 2021-11-01R1 - EMBRAER / 39-1488.

APPLICABILITY:

(a)(1) This Airworthiness Directive (AD) applies to Embraer S.A. model EMB-545 and model EMB-550 airplanes as identified in Embraer Service Bulletin N. 550-25-0067, revision 02, dated August 02, 2021.

(a)(2) This Airworthiness Directive (AD) applies to Embraer S.A. model EMB-545 and model EMB-550 airplanes as identified in Embraer Service Bulletin N. 550-25-0067, revision 03, dated December 30, 2021.

CANCELLATION / REVISION:

This AD cancels and supersedes the AD No. 2021-11-01 / 39-1484, dated 30 Nov. 2021, and is being issued to change its applicability.

REASON:

During the EMB-550/545 certification test campaign, it was noticed that the airplane divan foremost place presents a step between the divan shroud chamfer and the sideledge panel, which may interfere with the correct kinematics of the shoulder belt during its retraction and resulting in the possibility of the shoulder belt get stuck during flight. This condition could affect the shoulder belt release movement, which could not be available during turbulence or an emergency landing situation, resulting in injury to the airplane occupants.

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

REQUIRED ACTION:

Install a fairing covering the divan shroud and the sideledge panel.

COMPLIANCE:

Required as indicated below, unless already accomplished.

(b) Protection fairing installation.

(1) For airplanes identified in paragraphs (a)(1) of this AD, within the next 48 months after 30 Nov. 2021, the effective date of the original revision of this AD; install the protective fairing covering the divan shroud and the sideledge panel, in both Right-Hand Side (RH) and Left-Hand Side (LH) divan, according to the detailed instructions and procedures contained in the Embraer Service Bulletin N. 550-25-0067, revision 02, dated August 02, 2021, or further revisions approved by the ANAC.

(2) For airplanes identified in paragraphs (a)(2) of this AD, and which are not listed in the paragraph (a)(1) of this AD, within the next 48 months after the effective date of this AD; install the protective fairing covering the divan shroud and the sideledge panel, in both Right-Hand Side (RH) and Left-Hand Side (LH) divan, according to the detailed instructions and procedures contained in the Embraer Service Bulletin N. 550-25-0067, revision 03, dated December 30, 2021, or further revisions approved by the ANAC.

(c) Credit for previous action.

This paragraph provides credit for the actions specified in paragraph (b) of this AD, if those were performed before the effective date of this AD according to Embraer Service Bulletin N. 550-25-0067, original issue, dated July 06, 2021, Embraer Service Bulletin N. 550-25-0067, revision 01, dated July 30, 2021 or Embraer Service Bulletin N. 550-25-0067, revision 02, dated August 02, 2021.

(d) Alternative methods of compliance (AMOCs).

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

(e) Material incorporated by reference.

You must use Embraer Service Bulletin N. 550-25-0067, revision 03, dated December 30, 2021, or further revisions approved by the ANAC to do the actions required by this AD.

Record compliance with this AD in the applicable maintenance log book.

CONTACT:

For additional technical information, contact:

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APPROVAL:

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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).

Referência: Processo nº 00066.012031/2021-81

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