



AGÊNCIA NACIONAL DE AVIAÇÃO CIVIL - BRAZIL

BRAZILIAN AIRWORTHINESS DIRECTIVE

AD No.: 2023-07-01

Effective Date: 10 Ago. 2023

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. 2023-07-01 - EMBRAER / 39-1529.

APPLICABILITY:

This Airworthiness Directive (AD) applies to Embraer S.A. airplanes model EMB-505, as specified in Service Bulletin EMBRAER No. 505-25-0044, original revision, dated November 12th , 2020.

CANCELLATION / REVISION:

Not applicable.

REASON:

Analyzes carried out identified that the monuments LH Refreshment Center and LH Forward Cabinet installed on Embraer model EMB-505 aircraft may not withstand the loads expected for specific emergency landing conditions, which may cause the detachment of mass items and cause injuries to the occupants of the plane.

Since this condition may occur in other airplanes 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:

For the reasons described above, this AD requires the installation of structural reinforcements and replacement of fasteners on the floor support.

COMPLIANCE:

Required as indicated below, unless already accomplished.

Terminal action

- (a)** Within 60 months after the effective date of this AD, install structural

reinforcements as defined in the Service Bulletin EMBRAER No. 505-25-0044, original revision, dated November 12th , 2020, or later revisions approved by ANAC.

Reference publications

(b) Service Bulletin EMBRAER No. 505-25-0044, original revision, dated November 12th , 2020, or later revisions approved by ANAC.

(c) Register the incorporation of this AD in the applicable maintenance records.

Alternative Means of Compliance (AMOC)

(d) 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 (Gerência Técnica de Aeronavegabilidade Continuada - GTAC).

CONTACT:

For additional technical information, contact:

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APPROVAL:

Original in Portuguese language available at the Continuing Airworthiness Technical Branch (GTAC) of the National Civil Aviation Agency (ANAC). Signed by:

ROBERTO JOSÉ SILVEIRA HONORATO

Head of Department

Department of Airworthiness (SAR)

ANAC