



# 適航指令發布單

## Airworthiness Directive Issuance Form

民航局 AD 編號 AD number	CAA-2023-08-006	發布日期 Date issued	2023/8/14
適用之航空產品 Applied to (models, serial numbers or part numbers, as applicable)	Embraer S.A. airplanes model EMB-505		
主旨摘要 Subject	This AD requires the installation of structural reinforcements and replacement of fasteners on the floor support.		
<div style="text-align: center;">民航局 CAA</div> <input type="checkbox"/> 本國產品 Native product  <input type="checkbox"/> 其他個案 Other	<div style="text-align: center;">設計國民航主管機構 Original Authority</div> <div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> FAA  <input type="checkbox"/> EASA  <input checked="" type="checkbox"/> Brazil  <input type="checkbox"/> Transport Canada Civil Aviation  <input type="checkbox"/> DGAC         </div> <div> <input type="checkbox"/> Germany LBA  <input type="checkbox"/> CAA-NL  <input type="checkbox"/> UK CAA  <input type="checkbox"/> Japan CAB  <input type="checkbox"/> CAA of Israel  <input type="checkbox"/> Other _____         </div> </div>		
	設計國 AD 編號 Original AD number	2023-07-01	
	1. 直接採用原 AD 之內容?(Is the original AD directly adopted?) <input checked="" type="checkbox"/> 是(Yes) <input type="checkbox"/> 否(No) _ a. 生效日期另訂為(Re-specify the effective date as) : _____ b. 執行時限另訂為(Re-specify the compliance time or period as) : _____ 2. 使用人是否需要將 AD 執行結果向民航局提出報告?(Do Users need to report the status of compliance to the CAA?) <input type="checkbox"/> 是(Yes) <input checked="" type="checkbox"/> 否(No)		
備註 Note	ATA 25. Ref. Service Bulletin EMBRAER No. 505-25-0044, original revision, dated November 12th, 2020, or later revisions approved by ANAC.		
註： 1. AD 內容後附。 2. 航空器產品使用人得向民航局提出豁免、替代符合方法、執行時限之展延之申請。 3. 如有任何問題，請聯絡交通部民用航空局初始適航科。Tel：(02)2349-6330 / 6332, Fax：(02)2545-8464, e-mail： <a href="mailto:adcaa@mail.caa.gov.tw">adcaa@mail.caa.gov.tw</a> Note： 1. The AD text is enclosed. 2. Exemption, an alternative method of compliance or adjustment of the compliance time may be proposed to the CAA for approval. 3. For further information, please contact Civil Aeronautics Administration on Tel：(02)2349-6330 / 6332, Fax：(02)2545-8464, e-mail： <a href="mailto:adcaa@mail.caa.gov.tw">adcaa@mail.caa.gov.tw</a>			



**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:

National Civil Aviation Agency (ANAC)

Continuing Airworthiness Technical Branch (GTAC)

Rua Doutor Orlando Feirabend Filho, nº 230 – Centro Empresarial  
Aquáriu – Torre B

Parque Residencial Aquáriu

CEP 12246-190 – São José dos Campos, SP – BRAZIL

Tel.: (12) 3203-6600; E-mail: pac@anac.gov.br

#### **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