



# 適航指令發布單

## Airworthiness Directive Issuance Form

民航局 AD 編號 AD number	CAA-2023-05-013	發布日期 Date issued	2023/6/7
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	Passenger compartment equipment - floor fasteners - inspection / replacement		
<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 style="width: 45%;"> <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 style="width: 45%;"> <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	2023-05-03	
	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. Service Bulletin EMBRAER No. 505-25-0046, revision 01, dated May 08th 2023.		
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.: 2023-05-03**

**Effective Date: 02 Jun 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. 2023-05-03 - EMBRAER / 39-1522.**

**APPLICABILITY:**

(a) This Airworthiness Directive (AD) applies to Embraer S.A. airplanes model EMB-505, as specified in Service Bulletin EMBRAER No. 505-25-0046, revision 01, dated May 08<sup>th</sup> 2023.

**CANCELLATION / REVISION:**

Not applicable.

**REASON:**

Analyzes carried out identified that some of the monuments 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:**

Installation of structural reinforcement on monuments and replacement of fasteners on the floor support.

**COMPLIANCE:**

Required as indicated below, unless already accomplished.

**(b) Terminating action.**

For airplanes identified in paragraph (a) of this AD, within 36 months after the effective date of this AD, compliance shall be as follows:

(1) Install structural reinforcements and replace applicable floor fasteners as defined in the Service Bulletin EMBRAER No. 505-25-0046, revision 01, dated May 08<sup>th</sup> 2023 or later revisions approved by ANAC.

(2) In case of application of the Service Bulletin EMBRAER No. 505-25-0046 in its original revision before the publication of this AD, inspect the installation of the fasteners on the floor support to ensure that they are MS20470E5-7 or MS20470E5-8 according to Figure 5 of Service Bulletin EMBRAER No. 505-25-0046, revision 01, dated May 08<sup>th</sup> 2023 or later revisions approved by ANAC.

(i) If the installed P/N is MS20470E5-7 or MS20470E5-8, as applicable, according to Figure 5 of EMBRAER Service Bulletin No. 505-25-0046, revision 01, dated May 8, 2023 or later revisions approved by ANAC, no further action is required.

(ii) If the installed P/N is different from MS20470E5-7 or MS20470E5-8, as applicable, replace it with a floor support fastener of P/N MS20470E5-7 or MS20470E5-8, as applicable, per Figure 5 of EMBRAER Service Bulletin No. 505-25-0046, revision 01, dated May 8, 2023 or later revisions approved by ANAC.

**(c) Credit for past actions**

This paragraph provides credit for the actions specified in paragraph (b)(1) of this AD if such actions were performed before the effective date of this AD, in accordance with EMBRAER Service Bulletin No. 505-25-0046, original revision, dated March 31, 2021, provided that the airplane maintenance records clearly identify that the actions required by paragraph (b)(1) of this AD have been completed and that the floor support fasteners installed are of P/N MS20470E5 -7 or MS20470E5-8, as applicable.

**(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 Manager of the Continuing Airworthiness Technical Branch (GTAC) of ANAC.

**(e) Material incorporated by reference.**

You must use the Service Bulletin EMBRAER No. 505-25-0046, revision 01, dated May 08<sup>th</sup> 2023 or later revisions approved by ANAC.

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

**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 Aquárium - Torre B - 14º ao 18º andares  
Parque Residencial Aquárium  
CEP 12246-190 – São José dos Campos - SP, BRAZIL.  
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**APPROVAL:**

ROBERTO JOSÉ SILVEIRA HONORATO  
Head of Department  
Department of Airworthiness  
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).