



### 適航指令發布單

## Airworthiness Directive Issuance Form

民航局 AD 編號 AD number	CAA-2023-06-002	發布日期 Date issued	2023/6/13
適用之航空產品 Applied to (models, serial numbers or part numbers, as applicable)	Embraer S.A. EMB-135BJ airplane model.		
主旨摘要 Subject	Wings - Rib 3 / Wing Skin Interface Rivets - Sealant Application		
民航局 CAA <input type="checkbox"/> 本國產品 Native product <input type="checkbox"/> 其他個案 Other	設計國民航主管機構 Original Authority <input type="checkbox"/> FAA <input type="checkbox"/> Germany LBA <input type="checkbox"/> EASA <input type="checkbox"/> CAA-NL <input checked="" type="checkbox"/> Brazil <input type="checkbox"/> UK CAA <input type="checkbox"/> Transport Canada Civil Aviation <input type="checkbox"/> Japan CAB <input type="checkbox"/> DGAC <input type="checkbox"/> CAA of Israel <input type="checkbox"/> Other _____		
	設計國 AD 編號 Original AD number	2023-03-01	
	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 57. Ref. SB145LEG-57-0015, original revision, dated June 28, 2021, or further 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.: 2023-03-01**

**Effective Date: 06 Mar. 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. 2023-03-01 - EMBRAER / 39-1514.**

#### **APPLICABILITY:**

(a) This Airworthiness Directive (AD) applies to Embraer S.A. EMB-135BJ airplane model as identified in Embraer Service Bulletin (SB) SB145LEG-57-0015, original revision, dated June 28, 2021, or further revisions approved by ANAC.

#### **CANCELLATION / REVISION:**

Not applicable.

#### **REASON:**

It was identified missing sealant on the rivets installed in the interface between rib 3 and the wing skin in some Embraer airplanes model EMB-135BJ. The lack of sealant when a failure on the rivets installation exists may result in a potential ignition source inside the fuel tank during a lightning strike, which combined with flammable fuel vapors could result in a fuel tank explosion and consequent loss of the airplane.

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:**

To apply sealant on the rivets installed in the interface between rib 3 and  
wing skin

#### **COMPLIANCE:**

Required as indicated below, unless already accomplished.

## **(b) Terminating action**

For airplanes identified in paragraph (a) of this AD, within 48 months after the effective date of this AD, apply sealant on the rivets installed in the interface between rib 3 and wing skin, according to the instructions of Embraer Service Bulletin SB145LEG-57-0015, original revision or further revisions approved by ANAC.

## **(c) Alternative methods of compliance (AMOCs).**

(1) A different method or a different compliance time from 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 (c)(2)(i) and (c)(2)(ii) of this AD apply.

(i) The steps labeled as RC, including substeps under a RC step and any figures identified in a RC step, must be done to comply with the AD. If a step or substep is labeled "RC Exempt," then the RC requirement is removed from that step or substep. An AMOC is required for any deviations to RC steps, including substeps and identified figures.

(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 substeps and identified figures, can still be done as specified, and the airplane can be put back in an airworthy condition.

## **(d) Material incorporated by reference.**

Detailed instructions and procedures to accomplish the requirements of this AD, unless otherwise specified by the AD, are contained in Embraer Service Bulletin SB145LEG-57-0015, original revision, dated June 28, 2021, or further 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

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**APPROVAL:**

ROBERTO JOSÉ SILVEIRA HONORATO  
Airworthiness Superintendent  
ANAC

**NOTA:** Original in Portuguese language signed and available in the files of the Aeronautical Products Certification Branch (GGCP) of the National Civil Aviation Agency (ANAC).

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**Referência:** Processo nº 00066.004001/2021-00

SEI nº 8281379