



SERVIÇO PÚBLICO FEDERAL

DEPARTAMENTO DE AVIAÇÃO CIVIL

# BRAZILIAN AIRWORTHINESS DIRECTIVE

EFFECTIVE DATE:

24 Feb. 2006

AD No.:

2006-02-02

The following Airworthiness Directive (AD), issued by the Departamento de Aviação Civil (DAC) 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 de Homologação Aeronáutica (RBHA) 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. 2006-02-02 - EMBRAER - Amendment 39-1118.**

### **APPLICABILITY:**

This Airworthiness Directive is applicable to Embraer EMB-135BJ aircraft model of serial numbers 145412, 145462, 145484, 145495, 145505, 145516, 145528, 145540, 145549, 145555, 145586, 145591, 145625, 145637, 145642, 145644, 145678, 145686, 145699, 145706, 145711, 145717, 145730, 145770, 145775, 145780, 145789, 145796, 14500802, 14500809, 14500818, 14500825, 14500832, 14500841, 14500851, 14500854, 14500863, 14500873, 14500884, 14500891, 14500903, 14500913, 14500916, 14500925 and 14500933.

### **CANCELLATION / REVISION:**

Not applicable.

### **REASON:**

It has been found cases of fire blocking material missing and improperly installed seal on the forward baggage compartment partition. In case of fire or smoke on the baggage compartment, propagation to the lavatory and to the passenger cabin might happen.

Since this condition may occur 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:**

Inspection and installation, if necessary, of fire blocking material on the forward baggage compartment partition and seal replacement.

### **COMPLIANCE:**

Required as indicated below, unless already accomplished.

Within the next 720 calendar days after the effective date of this AD, carry out a general visual inspection (GVI) on fire blocking material on the forward baggage compartment partition and on the correct installation of the seal.

- (a) If the fire blocking material is installed, replace the seal according to the detailed instructions and procedures described in the Embraer Service Bulletin No. 145LEG-25-0060, original issue, or further revisions approved by CTA.
- (b) If the fire blocking material is not installed, install it and replace the seal according to the detailed instructions and procedures described in the Embraer Service Bulletin No. 145LEG-25-0060, original issue, or further revisions approved by CTA.

**NOTE:** For the purpose of this AD, a general visual inspection (GVI) is: "A visual examination of an interior or exterior area installation or assembly to detect obvious damage, failure or irregularity. This level of inspection is made from within touching distance unless otherwise specified. A mirror may be necessary to enhance visual access to all exposed surfaces in the inspection area. This level of inspection is made under normally available lighting conditions such as daylight, hangar lighting, flashlight or drop-light, and may require removal or opening of access panels or doors. Stands, ladders or platforms may be required to gain proximity to the area being checked."

The detailed instructions and procedures to accomplish this AD are described in the Embraer Service Bulletin No. 145LEG-25-0060, original issue, or further revisions approved by the CTA.

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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**NOTE:** Original in Portuguese language signed and available in the files of the Registro Geral de Aeronavegabilidade (RGA/TE-1/STE) of the Departamento de Aviação Civil.