



ÚŘAD PRO CIVILNÍ LETECTVÍ  
ČESKÁ REPUBLIKA  
**Sekce technická**  
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## PŘÍKAZ K ZACHOVÁNÍ LETOVÉ ZPŮSOBILOSTI

**Číslo: 2007-05-01R1**

Datum účinnosti: 4. července 2007

### **EMBRAER**

EMB-135ER, -135KE, -135KL, -135LR, -145,  
-145EP, -145ER, -145EU, -145LR, -145LU,  
-145MK, -145MP, -145MR, -145XR

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Tento PZZ je vydáván pro výrobek transferovaný pod působnost EASA

Na základě rozhodnutí EASA je následující Příkaz k zachování letové způsobilosti závazný pro všechny výrobky provozované v EU, na které se daný PZZ vztahuje.

Provedení PZZ, který se vztahuje podle typu a výrobního čísla na výrobek je pro provozovatele/vlastníka letadla zapsaného do leteckého rejstříku závazné. Neprovedením PZZ ve stanoveném termínu dojde ke ztrátě letové způsobilosti výrobku.

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*Poznámky:*

- Provedení tohoto PZZ musí být zapsáno do provozní dokumentace letadla.
- Případné dotazy týkající se tohoto PZZ adresujte na ÚCL sekce technická.
- Pokud to vyžaduje povaha tohoto PZZ, musí být zpracován do příslušné části dokumentace pro obsluhu, údržbu a opravy letadla.



## AGÊNCIA NACIONAL DE AVIAÇÃO CIVIL – BRAZIL

### BRAZILIAN AIRWORTHINESS DIRECTIVE

**AD No.: 2007-05-01R1**

**Effective Date: 04 July 2007**

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 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. 2007-05-01R1 - EMBRAER - Amendment 39-1184.**

#### **APPLICABILITY:**

This Airworthiness Directive is applicable to Embraer EMB-135ER, EMB-135KE, EMB-135KL, EMB-135LR, EMB-145, EMB-145EP, EMB-145ER, EMB-145EU, EMB-145LR, EMB-145LU, EMB-145MK, EMB-145MP, EMB-145MR and EMB-145XR aircraft models in operation.

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

This AD cancels and supersedes the AD No. 2007-05-01 original issue – Amdt 39-1182, dated 06 June 2007, and is being issued to exclude the EMB-135BJ aircraft model from the Applicability section.

#### **REASON:**

It has been found the development of cracks in the forward fuselage right hand (RH) side skin during full-scale fatigue tests. Those cracks may quickly reach their critical length, reducing the aircraft structural integrity, with possible rapid decompression of the aircraft.

Since this condition 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:**

Rework of the aircraft structure on the forward fuselage LH and RH sides.

#### **COMPLIANCE:**

Required as indicated below, unless already accomplished.

Before aircraft logging 22000 flight cycles, add two reinforcements to the forward fuselage skin on the LH and RH sides between frames 9 to 10 and 10 to 11, and stringers 12 to 15. Install supports to the reinforcements and stringers as well as new fasteners to the reinforcements and supports, and reroute the electrical wiring on the affected area.

**NOTE:** The accomplishment of the detailed instructions and procedures described in the Embraer Service Bulletin No. 145-53-0051 original issue, or further revisions approved by ANAC, constitutes an alternative method of compliance with these AD requirements.

The detailed instructions and procedures to accomplish this AD are described in the Embraer Service Bulletin No. 145-53-0067 Rev. 01, or further revisions approved by ANAC.

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

#### **CONTACT:**

For additional technical information, contact:

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For acquisition, contact:

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**APPROVAL:**

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