



## AGÊNCIA NACIONAL DE AVIAÇÃO CIVIL – BRAZIL

### BRAZILIAN AIRWORTHINESS DIRECTIVE

**AD No.: 2007-08-02**

**Effective Date: 27 Sep. 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. 2007-08-02 - EMBRAER - Amendment 39-1195.**

#### **APPLICABILITY:**

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

**NOTE:** This AD is not applicable to EMB-145LR aircraft model modified according to Brazilian Supplemental Type Certificate (CHST) Nos. 2002S06-09, 2002S06-10 or 2003S08-01.

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

Not applicable.

#### **REASON:**

Fuel system reassessment, performed according to RBHA-E88/SFAR-88, requires the inclusion of new maintenance tasks in the Critical Design Configuration Control Limitations (CDCCL) and in the Fuel System Limitations (FSL), necessary to preclude ignition sources in the fuel system.

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:**

Updating of the aircraft approved maintenance plan according to the Maintenance Review Board Report (MRBR).

#### **COMPLIANCE:**

Required as indicated below, unless already accomplished.

- (a) Before 31 Dec. 2008, alter the aircraft approved maintenance plan to include the tasks and their implementation plan presented in the Appendix 2, Section A2.5.2: Fuel System Limitation Items, as shown in the MRB-145/1150 Revision 10, dated 04 Aug. 2006, or further revisions approved by ANAC, with the intervals stated in that document.
- (b) Within the next 90 days after the effective date of this AD, alter the aircraft approved maintenance plan to include items 1, 2 and 3 of the Appendix 2, Section A2.4: Critical Design Configuration Control Limitations (CDCCL), as shown in the MRB-145/1150 Revision 10, dated 04 Aug. 2006, or further revisions approved by ANAC, with the restrictions imposed by that document.

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

**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).