



AGÊNCIA NACIONAL DE AVIAÇÃO CIVIL – BRAZIL

BRAZILIAN AIRWORTHINESS DIRECTIVE

AD No.: 2007-05-02

Effective Date: 06 June 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. 2007-05-02 - EMBRAER - Amendment 39-1183.

APPLICABILITY:

This Airworthiness Directive is applicable to all Embraer EMB-120() aircraft models in operation.

CANCELLATION / REVISION:

Not applicable.

REASON:

It has been found that former revisions of the Maintenance Review Board Report (MRBR) of the EMB-120() aircraft do not fully comply with some Critical Design Configuration Control Limitations (CDCCL) and Fuel System Limitations (FSL). These limitations are necessary to preclude ignition sources in the fuel system, as required by RBHA-E88 / SFAR-88.

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:

Modification of the aircraft maintenance plan.

COMPLIANCE:

Required as indicated below, unless already accomplished.

- (a) Within the next 30 calendar days after the effective date of this AD, alter the approved maintenance plan to include the tasks 15 to 18 of Section 6 – “Part E: Fuel System Limitations”, as shown in the Temporary Revision 22-1 of the Maintenance Review Board Report for the Embraer EMB-120() aircraft, dated 18 Nov. 2005, or further MRBR revisions approved by the ANAC, with the intervals stated in that document.
- (b) Within the next 4000 flight hours or 48 calendar months after the effective date of this AD, whichever occurs first, carry out the functional checks (FNC) and detailed visual inspections (DET) required by tasks 15 to 18 of Section 6 – “Part E: Fuel System Limitations”, as shown in the Temporary Revision 22-1 of the Maintenance Review Board Report for the Embraer EMB-120() aircraft, dated 18 Nov. 2005, or further MRBR revisions approved by the ANAC. Repeat these tasks with the intervals stated in that document.
- (c) Within the next 30 calendar days after the effective date of this AD, alter the approved maintenance plan to include the items 1) and 2) of Section 6 – “Part D: Critical Design Configuration Control Limitations”, as shown in Revision 22 of the Maintenance Review Board Report for the Embraer EMB-120() aircraft, dated 22 Mar. 2005, or further MRBR revisions approved by the ANAC, with the restrictions imposed by that document.

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

CONTACT:

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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).