AGÊNCIA NACIONAL DE AVIAÇÃO CIVIL – BRAZIL

BRAZILIAN AIRWORTHINESS DIRECTIVE

AD No.: 2012-08-02 **Effective Date: 05 Sep. 2012**

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. 2012-08-02 - EMBRAER / 39-1359.

APPLICABILITY:

This Airworthiness Directive (AD) applies to EMBRAER S.A. model ERJ 170-100 LR, ERJ 170-100 STD, ERJ 170-100 SU, ERJ 170-100 SE, ERJ 170-200 LR, ERJ 170-200 STD, and ERJ 170-200 SU airplanes; as identified in Embraer Service Bulletin (SB) 170-52-0055, Revision 01, dated August 01, 2011.

CANCELLATION / REVISION:

Not applicable.

REASON:

This AD was prompted by reports of cockpit door falling off the hinges when it is being opened or closed. If not corrected, this condition may cause injury to the occupants.

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:

Replacement of cockpit door passive lock striker, quick release pin and hinges.

COMPLIANCE:

You are required to do the following actions, unless already accomplished:

Replacement of cockpit door passive lock striker, quick-release pin and hinges

(a) Within 1500 flight hours after the effective date of this AD, do the actions required by paragraphs (a)(1) and (a)(2) of this AD.

(1) Replace the cockpit door passive lock striker and quick-release pin according to Part I of the Accomplishment Instructions of Embraer SB 170-52-0055, Revision 01, dated August 01, 2011, or further revision approved by the ANAC; and

(2) Replace the cockpit door upper and lower hinges in accordance with Part III of the Accomplishment Instructions of Embraer SB 170-52-0055, Revision 01, dated August 01, 2011, or further revision approved by the ANAC.

Material Incorporated by Reference

(b) You must use Embraer SB 170-52-0055, Revision 01, dated August 01, 2011, or further revision approved by the ANAC, to do the actions required by this AD, unless the AD specifies otherwise.

Credit for Previous Actions

(c) This paragraph provides credit for the actions required by paragraph (a)(1) of this AD, if those actions were performed before the effective date of this AD, using Embraer SB 170-52-0055, dated February 10, 2011.

Alternative Means of Compliance (AMOC)

(d) A different method or a different compliance time, with the requirements of this AD, may be used if approved by the General Manager of the Aeronautical Product Certification Branch (Gerência-Geral de Certificação de Produtos Aeronáuticos – GGCP).

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 Civil Aviation Agency (ANAC).