AGÊNCIA NACIONAL DE AVIAÇÃO CIVIL – BRAZIL

BRAZILIAN AIRWORTHINESS DIRECTIVE

AD No.: 2011-12-01 **Effective Date: 27 Dec. 2011**

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. 2011-12-01 - EMBRAER / 39-1347.

APPLICABILITY:

This Airworthiness Directive applies to EMBRAER S.A. ERJ 170 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; equipped with Goodrich escape slides part number (P/N) 4A4030-5.

CANCELLATION / REVISION:

Not applicable.

REASON:

During operational checks of escape slide P/N 4A4030-5, some operators have reported failure in the escape slide preventing the forward passenger door opening. This AD is being issued to prevent failure of this system which could impede an emergency evacuation and increase the chance of injury to passengers and flight crew.

Since this condition may occur in other escape slides of the same type installed on these airplanes 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:

Reduction of escape slide maintenance interval.

COMPLIANCE:

Required as indicated below, unless already accomplished.

Reduction of the maintenance interval

(a) After 6 months from the effective date of this AD, no airplane may operate with the forward door escape slide having P/N 4A4030-5 on which 18 months or more has elapsed from the escape slide date of manufacture (for escape slides that have not been repacked) or the date of last escape slide repack (for escape slides that have been repacked).

Material Incorporated by Reference

(b) Use Goodrich Alert Service Bulletin 4A4030-25A402, original issuance, dated June 30, 2011 to do the actions required by this AD, unless the AD specifies otherwise.

Alternative means of Compliance (AMOC)

(c) 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).