



AGÊNCIA NACIONAL DE AVIAÇÃO CIVIL – BRAZIL

BRAZILIAN AIRWORTHINESS DIRECTIVE

AD No.: 2008-10-04

Effective Date: 10 Nov. 2008

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. 2008-10-04 - EMBRAER - Amendment 39-1247.

APPLICABILITY:

This Airworthiness Directive is applicable to Embraer ERJ 170 aircraft models of serial numbers 17000156 thru 17000169 in operation.

CANCELLATION / REVISION:

Not applicable.

REASON:

It has been found the possibility of some aluminum fasteners having been installed instead of titanium ones at bulkhead 1 of the LH and RH pylons of some Embraer ERJ 170 aircraft models. The structural integrity of the region where these fasteners are installed may be affected in case of bird impact.

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:

Inspection of fasteners in bulkhead 1 of the LH and RH pylons; and, if necessary, their replacement with titanium fasteners.

COMPLIANCE:

Required as indicated below, unless already accomplished.

Within the next 5000 flight cycles (FC) after the effective date of this AD, perform a inspection on the fasteners at bulkhead 1 of the LH and RH pylons for the presence of aluminum fasteners and, if necessary, replace them with titanium fasteners.

The detailed instructions and procedures to accomplish this AD are described in the Embraer Service Bulletin No. 170-54-0007 original issue, or further revisions approved by ANAC.

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 Civil Aviation Agency (ANAC).