AIRWORTHINESS DIRECTIVE

On the effective date specified below, and for the reasons set out in the background section, the CASA delegate whose signature appears below revokes Airworthiness Directive (AD) AD/ERJ-170/11 and issues the following AD under subregulation 39.001(1) of CASR 1998. The AD requires that the action set out in the requirement section (being action that the delegate considers necessary to correct the unsafe condition) be taken in relation to the aircraft or aeronautical product mentioned in the applicability section: (a) in the circumstances mentioned in the requirement section; and (b) in accordance with the instructions set out in the requirement section; and (c) at the time mentioned in the compliance section.

Embraer ERJ-170 Series Aeroplanes

AD/ERJ-170/11 Hydraulic Hose Clamps 4/2008 Amdt 1

Applicability: Embraer ERJ-170 aircraft.

Requirement: Replace clamps P/N PE27019RF4E and PE27019RF8E which attach the hydraulic tubes inside the wing fuel tanks, with new clamps P/N PE27019FS4E and PE27019FS8E, respectively, in accordance with Embraer Service Bulletin No. 170-29-0006 original issue, or further revisions approved by the ANAC.

Note: AGÊNCIA NACIONAL DE AVIAÇÃO CIVIL - BRAZIL AD 2007-04-01R1 dated 21 December 2007 refers.

Compliance: Within the next 8,000 flight hours after 5 July 2007, the effective date of the original issue of this AD, unless previously accomplished.

This Amendment becomes effective on 10 April 2008.

Background: Hydraulic system tube clamps located inside the wing fuel tanks have been found damaged. Further analysis has shown that damage to multiple clamps may become an ignition source within the fuel tanks. This AD requires the replacement of certain clamps to prevent the unsafe condition from developing.

This amendment corrects a typographical error in the P/N of the affected clamps and reduces the compliance period from 12,000 flight hours to 8,000 flights from the original effective date of the original issue of this AD.

The original issue of this AD became effective on 5 July 2007.

David Punshon
Delegate of the Civil Aviation Safety Authority

25 February 2008