



AGÊNCIA NACIONAL DE AVIAÇÃO CIVIL – BRAZIL

BRAZILIAN EMERGENCY AIRWORTHINESS DIRECTIVE

EAD No.: 2014-12-01

Effective Date: 29 Dec. 2014

The following Brazilian Emergency Airworthiness Directive (EAD), 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.

EAD No. 2014-12-01 - EMBRAER / 39-1388.

APPLICABILITY:

This Emergency Airworthiness Directive (EAD) applies to Embraer S.A. model EMB-505 airplanes; as identified in Embraer Alert Service Bulletin (ASB) 505-30-A003, revision 1, dated December 23, 2014.

CANCELLATION / REVISION:

Not applicable

REASON:

This EAD results from a report of a wrong assembly of the wing leading edge anti-ice piccolo tube. This EAD is being issued to detect and correct wrong assembly of the wing leading edge anti-ice piccolo tube, which could result in ice accretion on the wing leading edges and consequent loss of control of the airplane. Since this condition may exist in other airplanes of the same type and affects flight safety, an immediate corrective action is required. Thus, sufficient reason exists to request compliance with this EAD in the indicated time limit without prior notice.

REQUIRED ACTION:

You must inspect and correct discrepancies in the installation of the piccolo tube on the left hand (LH) and right hand (RH) outboard wing leading edges.

COMPLIANCE:

Do the actions required by this EAD within the compliance times specified, unless the actions have already been done.

Inspection and corrective action

Within 10 flight hours or five days after the effective date of this EAD, whichever occurs first: Do a visual inspection of the piccolo tube on the LH and RH wing outboard leading edges for correct installation, and do all applicable corrective actions, in accordance with the Accomplishment Instructions of Embraer Alert Service Bulletin 505-30-A003, revision 1, dated December 23, 2014.

Credit for previous actions

This paragraph provides credit for the actions specified in paragraphs (a) of this EAD, if those actions were performed before the effective date of this EAD, using Embraer Alert Service Bulletin 505-30-A003, basic issue, dated December 22, 2014.

Material incorporated by reference

You must use Embraer 505-30-A003, revision 1, dated December 23, 2014; or further revisions approved by the ANAC, to do the actions required by this EAD, unless the EAD specifies

otherwise.

Alternative methods of compliance (AMOCs)

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

CONTACT:

For additional information, please contact:

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APPROVAL:

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NOTE: Original in Portuguese language available in the files of the Aeronautical Products Certification Branch (GGCP) of the National Civil Aviation Agency (ANAC).