



## AGÊNCIA NACIONAL DE AVIAÇÃO CIVIL – BRAZIL

### BRAZILIAN AIRWORTHINESS DIRECTIVE

**AD No.: 2016-05-01**

**Effective Date: 27 May 2016**

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. 2016-05-01 - EMBRAER / 39-1399.**

**APPLICABILITY:**

(a) This Airworthiness Directive (AD) applies to Embraer S.A. airplanes specified in paragraphs (a)(1) and (a)(2) of this AD.

(1) Embraer S.A. EMB-500 airplanes, as identified in Embraer S.A. Service Bulletin 500-25-0016, original issue, dated December 8, 2015.

(2) Embraer S.A. EMB-505 airplanes, as identified in Embraer S.A. Service Bulletin 505-25-0020, original issue, dated December 8, 2015.

**CANCELLATION / REVISION:**

Not applicable.

**REASON:**

There is the possibility that certain attachment fittings of passenger seats have been incorrectly installed. This AD results from a determination that the passenger seat on which the attachment fittings were improperly installed may not meet certain static strength, and dynamic strength criteria. Failure to meet static and dynamic strength criteria could result in injuries to the occupants during an emergency landing condition.

**REQUIRED ACTION:**

This AD requires the inspection of each passenger seat for the correct installation of the attachment fittings and correction, if necessary.

**COMPLIANCE:**

Required as indicated below, unless already accomplished.

**Inspection and correction of the attachment fittings of each passenger seat**

(b) Within 30 month after the effective date of this AD, do a detailed inspection on each passenger seat for the correct installation of the attachment fittings, and prior to further flight after this inspection, correct any discrepancy; in accordance with the Accomplishment Instructions of Embraer S.A Service Bulletin 500-25-0016, original issue, dated December 8, 2015, or Embraer S.A. Service Bulletin 505-25-0020, original issue, dated December 8, 2015, as applicable.

**Material Incorporated by Reference**

(c) You must use the service information specified in paragraphs (c)(1) or (c)(2) of this this AD, as applicable, to do the actions required by this AD.

(1) Embraer S.A. Service Bulletin 500-25-0016, original issue, dated December 8, 2015, or further revisions approved by the ANAC.

(2) Embraer S.A. Service Bulletin 505-25-0020, original issue, dated December 8, 2015, or further revisions approved by the ANAC.

**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:**

For additional technical information, contact:

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**APPROVAL:**

MÁRIO IGAWA  
General Manager  
GGCP

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Airworthiness Superintendent  
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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).