



## AGÊNCIA NACIONAL DE AVIAÇÃO CIVIL – BRAZIL

### BRAZILIAN AIRWORTHINESS DIRECTIVE

**AD No.: 2007-01-04**

**Effective Date: 29 Jan. 2007**

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. 2007-01-04 - EMBRAER - Amendment 39-1169.**

**APPLICABILITY:**

This Airworthiness Directive is applicable to Embraer EMB-135BJ aircraft model in operation, except those that have previously accomplished Embraer Service Bulletins Nos. 145LEG-38-0015, original issue, or 145LEG-38-0020, original issue, or further revisions approved by the ANAC.

**CANCELLATION / REVISION:**

Not applicable.

**REASON:**

It has been found cases in which the drain mast of the water and waste system does not meet the SFAR-88 requirements. In case of fuel leakage or fuel vapor release, the proximity of this mast with the fuel tank may cause fuel ignition, leading to a possible tank explosion.

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:**

Replacement of the water and waste system drain masts by new ones bearing a new P/N.

**COMPLIANCE:**

Required as indicated below, unless already accomplished.

Within the next 5000 flight hours or 4 calendar years after the effective date of this AD, whichever occurs first, replace the water and waste system drain masts with P/N 9402.369.00674 by new ones bearing a P/N 9402.369.00675, according to the detailed instructions and procedures described in the Embraer Service Bulletin No. 145LEG-38-0013, original issue, or further revisions approved by the ANAC.

**NOTE:** The accomplishment of the detailed instructions and procedures described in the Embraer Service Bulletin No. 145LEG-38-0015, original issue, or 145LEG-38-0020, original issue, or further revisions approved by the ANAC, are approved as alternative methods of compliance with the requirements of this AD.

The detailed instructions and procedures to accomplish this AD are described in the Embraer Service Bulletin No. 145LEG-38-0013, original issue, 145LEG-38-0015, original issue, or 145LEG-38-0020, original issue or further revisions approved by the ANAC.

Record compliance with this AD in the applicable maintenance log book.

**CONTACT:**

For additional technical information, contact:

National Agency of Civil Aviation (ANAC)  
Aeronautical Products Certification Branch (GGCP)  
Praça Mal. Eduardo Gomes, N<sup>o</sup> 50, Vila das Acácias (Prédio do CTA-IFI)  
Fax: 55 (12) 3941-4766  
12228-901 – São José dos Campos - SP, BRAZIL  
E-mail: pds@ifi.cta.br

For acquisition, contact:

National Agency of Civil Aviation (ANAC)  
Publications Branch  
R. Santa Luzia, 651, 2<sup>o</sup> Mezanino, Centro  
Fax: 55 (21) 3814-6929  
20030-040 – Rio de Janeiro - RJ, BRAZIL.  
e-mail: publicacoes@anac.gov.br

**APPROVAL:**

CLÁUDIO PASSOS SIMÃO  
General Manager  
GGCP

MILTON ZUANAZZI  
Director-President  
ANAC

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