



SERVIÇO PÚBLICO FEDERAL

DEPARTAMENTO DE AVIAÇÃO CIVIL

BRAZILIAN AIRWORTHINESS DIRECTIVE

EFFECTIVE DATE

30 Apr. 2005

AD No.:

2005-04-03

The following Airworthiness Directive (AD), issued by the Departamento de Aviação Civil (DAC) 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. 2005-04-03 - EMBRAER - Amendment 39-1075.

APPLICABILITY:

This Airworthiness Directive is applicable to all Embraer EMB-145() and EMB-135() aircraft models in operation.

CANCELLATION / REVISION:

Not applicable.

REASON:

It has been found that during the manufacturing process of the Embraer EMB-145 and EMB-135 aircraft, a hole at the APU firewall has been left open; therefore, the firewall will not perform adequately its intended function of smoke containment in case of a fire at the APU compartment.

Since this condition may occur in other airplanes of the same type and 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:

Rework of the APU firewall.

COMPLIANCE:

Required as indicated below, unless already accomplished.

Within the next 2500 flight hours or 365 calendar days after the effective date of this AD, whichever occurs first, proceed the sealing of the hole at the APU firewall upper frame, of P/N 145-51249-001 or 120-10731-001.

The detailed instructions and procedures to accomplish this AD are described in the Embraer Service Bulletins Nos. 145-53-0057, original issue, or 145LEG-53-0020, original issue, or further revisions approved by the CTA.

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

CONTACT:

For additional technical information, contact:

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APPROVAL:

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NOTE: Original in Portuguese language signed and available in the files of the Registro Geral de Aeronavegabilidade (RGA/TE-1/STE) of the Departamento de Aviação Civil.