



SERVIÇO PÚBLICO FEDERAL

DEPARTAMENTO DE AVIAÇÃO CIVIL

BRAZILIAN AIRWORTHINESS DIRECTIVE

EFFECTIVE DATE

06 Sep. 2005

AD No.:

2005-08-05

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. 2005-08-05 - EMBRAER - Amendment 39-1089.

APPLICABILITY:

This Airworthiness Directive is applicable to all Embraer EMB-145() and EMB-135() aircraft models in operation, equipped with Model T-62T-40C14 APU.

CANCELLATION / REVISION:

Not applicable.

REASON:

It has been found the occurrence of one case where, after a leakage of fuel from the APU feeding line, there was fuel accumulation inside the APU compartment due to an inadequacy of the drain system whenever the APU is operating, which increase the probability of a fire inside the 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:

Modification of the APU compartment drain system.

COMPLIANCE:

Required as indicated below, unless already accomplished.

Within the next 5000 flight hours after the effective date of this AD, modify the APU compartment drain system by installing of a scavenge pump on it.

The detailed instructions and procedures to accomplish this AD are described in the Embraer Service Bulletins Nos. 145-49-0029, original issue, and 145LEG-49-0006, 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.