



SERVIÇO PÚBLICO FEDERAL

DEPARTAMENTO DE AVIAÇÃO CIVIL

BRAZILIAN AIRWORTHINESS DIRECTIVE

EFFECTIVE DATE

30 Oct. 2004

AD No.:

2004-10-01

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. 2004-10-01 - EMBRAER - Amendment 39-1041.

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 the occurrence of cases of failure of the engine fire handle internal circuit, which can result on non-closure of the fuel shut-off valves and failure of the extinguisher agent discharge in case of engine fire indication.

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 without prior notice.

REQUIRED ACTION:

Inspection and replacement, if needed, of the engine fire handles.

COMPLIANCE:

Required as indicated below, unless already accomplished.

- (a) Within the next 1000 flight hours or 180 calendar days, whichever occurs first, after the effective date of this AD, inspect the engine fire handles to verify the P/N installed.
 - (1) If the handles installed are of P/N 1-7054-2 or 2-7054-2, replace them before next flight with new ones bearing P/N 1-7054-1 or 2-7054-1, respectively.
 - (2) If the handles installed are not of P/N 1-7054-2 or 2-7054-2, no further action is required.
- (b) After the effective date of this AD, it is not allowed to install the engine fire handles P/N 1-7054-2 or 2-7054-2 on any Embraer EMB-145() or EMB-135() aircraft model.

The detailed instructions and procedures to accomplish this AD are described in the Embraer Service Bulletins Nos. 145-26-0012, original issue, or 145LEG-26-0003, 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.