



SERVIÇO PÚBLICO FEDERAL
DEPARTAMENTO DE AVIAÇÃO CIVIL

BRAZILIAN AIRWORTHINESS DIRECTIVE

EFFECTIVE DATE

30 Apr. 2005

AD No.:

2005-04-01

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. 2005-04-01 - EMBRAER - Amendment 39-1073.

APPLICABILITY:

This Airworthiness Directive is applicable to all Embraer EMB-120() aircraft models in operation that have incorporated Embraer Service Bulletin No. 120-31-0040, original issue or revision 01.

CANCELLATION / REVISION:

Not applicable.

REASON:

It has been found that accomplishment of Embraer Service Bulletin No. 120-31-0040, original issue or revision 01, does not fully comply with the requirements of operational regulations concerning flight data recorders.

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 wire connections of the flight data acquisition unit (FDAU).

COMPLIANCE:

Required as indicated below, unless already accomplished.

Within the next 500 flight hours or 90 calendar days after the effective date of this AD, whichever occurs first, for aircraft that have been modified according to Embraer Service Bulletin No. 120-31-0040, original issue or revision 01, swap wires at connector J1222 in order to enable the longitudinal acceleration parameter to be recorded as required.

The detailed instructions and procedures to accomplish this AD are described in the Embraer Service Bulletin Nº 120-31-0040 Rev. 02, 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.