



SERVIÇO PÚBLICO FEDERAL

DEPARTAMENTO DE AVIAÇÃO CIVIL

BRAZILIAN AIRWORTHINESS DIRECTIVE

EFFECTIVE DATE:

06 May 2004

AD No.:

2004-04-02

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. 2004-04-02 - EMBRAER - Amendment 39-1020.

APPLICABILITY:

This Airworthiness Directive is applicable to the Embraer EMB-135BJ aircraft model, of serial numbers 145462, 145495, 145505, 145528, 145625, 145637 and 145642.

CANCELLATION / REVISION:

Not applicable.

REASON:

It has been found that the AP/PUSH/TRIM switches installed at the control wheels of some aircraft do not inhibit the stick pusher when pressed, which can result in loss of control of the aircraft in case of a system malfunctioning.

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

Modify the electrical wiring connections at the stall computer.

COMPLIANCE:

Required as indicated below, unless already accomplished.

Within the next 400 flight operating hours or 180 calendar days after the effective date of this AD, whichever occurs first, modify the electrical wiring connections in connector J1188 at the stall computer in order to allow the control wheels AP/PUSH/TRIM switches to inhibit the stick pusher when pressed.

The detailed instructions and procedures to accomplish this AD are described in the Embraer Service Bulletin No. 145LEG-27-0009, 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.