



SERVIÇO PÚBLICO FEDERAL

DEPARTAMENTO DE AVIAÇÃO CIVIL

BRAZILIAN AIRWORTHINESS DIRECTIVE

EFFECTIVE DATE

30 Apr. 2005

AD No.:

2005-04-05

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. 2005-04-05 - EMBRAER - Amendment 39-1077.

APPLICABILITY:

This Airworthiness Directive is applicable to Embraer ERJ-170() aircraft of serial numbers 17000007 thru 17000013, 17000015, 17000016 and 17000018 thru 17000043.

CANCELLATION / REVISION:

Not applicable.

REASON:

It has been found that some aircraft may have been manufactured missing the installation of rods that attach the passenger seat tracks to the aircraft structure, which reduces the seats resistance to values that are not acceptable by the applicable requirements in case of a hard landing or a high deceleration impact condition.

Since this condition may occur in other airplanes of the same type and affects the passengers safety, a corrective action is required. Thus, sufficient reason exists to request compliance with this AD in the indicated time limit.

REQUIRED ACTION:

Inspection of the passenger seat tracks attachments.

COMPLIANCE:

Required as indicated below, unless already accomplished.

Within the next 700 flight hours after the effective date of this AD, perform a visual inspection of the passenger seat track attachments to verify the presence of the attachment rods P/N 170-15895-001, and check the torque of the bolts that attach the installed rods to the aircraft structure. Perform the installation of the missing rods and apply the correct torque to all bolts found higher or lower than the specified torque before next flight.

The detailed instructions and procedures to accomplish this AD are described in the Embraer Service Bulletin No. 170-53-0010, 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.