



SERVIÇO PÚBLICO FEDERAL
DEPARTAMENTO DE AVIAÇÃO CIVIL

BRAZILIAN AIRWORTHINESS DIRECTIVE

EFFECTIVE DATE:

23 May 2006

AD No.:

2006-01-01R1

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. 2006-01-01R1 - EMBRAER - Amendment 39-1127.

APPLICABILITY:

This Airworthiness Directive is applicable to all Embraer aircraft of model EMB-145XR in operation.

CANCELLATION / REVISION:

This AD cancels and supersedes AD No. 2006-01-01 – Amdt 39-1112, dated 02 Feb. 2006, and is being issued to correct its applicability and its compliance, as well.

REASON:

It has been found the possibility of passenger seat leg shear plunger not fastened as required due to incorrect longitudinal machined section of some of these seat track segments, which may not fulfill with the emergency landing conditions requirements.

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:

Replacement of internal and external tracks segments of the double row passenger seats by new ones bearing a new P/N.

COMPLIANCE:

Required as indicated below, unless already accomplished.

Within the next 5000 flight hours after 02 Feb. 2006, the effective date of the original issue of this AD, replace the existing internal and external tracks segments of the double row passenger seats by new ones bearing a new P/N in the following way:

- (a) Between X=7,563.4mm and X=10,738.4mm fuselage stations and between X=11,500.4 mm and X=13,100.7mm fuselage stations, replace the existing seat tracks P/N 145-53769-001 by new ones bearing P/N 145-38912-001.
- (b) Between X=13,862.6mm and X=15,640.7mm fuselage stations and between X=16,402.6mm and X=19,577.6mm fuselage stations, replace the existing seat tracks P/N 145-53769-001 by new ones bearing P/N 145-38912-001; replace the existing seat tracks P/N 145-53769-007 by new ones bearing P/N 145-38912-003; and replace the existing seat tracks P/N 145-53769-005 by new ones bearing P/N 145-38912-005.

The detailed instructions and procedures to accomplish this AD are described in the Embraer Service Bulletin No. 145-53-0059, Rev. 01, 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.