



SERVIÇO PÚBLICO FEDERAL

DEPARTAMENTO DE AVIAÇÃO CIVIL

BRAZILIAN AIRWORTHINESS DIRECTIVE

EFFECTIVE DATE:

13 September 2002

AD No.:

2001-11-03 R1

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 NR 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. 2001-11-03 R1- EMBRAER- Amendment 39-956.

APPLICABILITY:

This Airworthiness Directive is applicable to all EMB-120() aircraft models in operation equipped with a lavatory installed in the forward part of the passenger cabin.

CANCELLATION / REVISION:

This AD cancels and supersedes the AD No. 2001-11-03, original issue. – Amdt 39-923, dated 30 November 2001, and is being revised to include alternative for providing an immediately available source of oxygen to the flight attendant in case of cabin decompression.

REASON:

It has been found that the installation of the forward lavatory caused the relocation of the most forward oxygen dispensing unit and masks (installed at the ceiling or at the wardrobe wall in front of the first double seat) dedicated to the RH front row passengers seat and flight attendant. In the next rearward position, the masks, when automatically deployed in case of cabin decompression, can not be reached by the seated flight attendant. The portable oxygen dispensing unit and mask installed in the compartment on the external side of the lavatory rear wall, although located at easy reach of the flight attendant, is not immediately available to him (or her).

Since this condition exists in other airplanes of the same type and affects compliance with RBHA/FAR/JAR 25.1447(b), an immediate corrective action is required. Thus, sufficient reason exists to issue this AD without prior notice, requesting compliance in the indicated time limit.

REQUIRED ACTION:

To limit the maximum operating altitude or, alternatively, to reserve a passenger seat for use by the flight attendant.

COMPLIANCE:

Required as indicated below, unless already accomplished:

PART I: Within the next 100 operating hours accumulated after 30 November 2001 (the effective date of the original issue of this AD), establish the following operation limitation:

“Maximum operating altitude is limited to 25 000 ft unless the RH front row aisle passenger seat is reserved for flight attendant use during operation above 25 000 ft.”

PART II: As an alternative solution to the provisions of Part I, install under the flight attendant seat an oxygen dispensing unit with an oxygen mask permanently attached, in accordance with the detailed instructions and procedures of the Embraer Service Bulletin No. 120-25-0264 Rev.1, and establish the following operational limitation:

“Maximum operating altitude with SB 120-25-0264 Rev.1 incorporated is limited to 30 000 ft, unless the RH front row aisle passenger seat is reserved for flight attendant use during operation above 30 000 ft.”

Compliance with parts I or II is characterized by the inclusion of this AD in the applicable aircraft AFM.

The detailed instructions and procedures to accomplish this AD are described in the Embraer Service Bulletin No. 120-25-0264 Rev.1, 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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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.