
Sektion 2. Utlandstillverkad flygmateriel

TITEL: Ändring av flyghandbok

GÄLLER: EMB-110 alla modeller

ÅTGÄRD: Utför åtgärder angivna i bifogad kopia av DDA AD 97-06-02

TID FÖR ÅTGÄRD: Före 1997-09-30

UNDERLAG: DDA AD 97-06-02 och där angivet underlag

REFERENS: DDA AD 97-06-02

BESLUTSDATUM: 1997-08-28

LFS 1997:38

Åtgärder enligt LVD utgör nödvändig förutsättning för ifrågavarande flygmateriels luftvärdighet. Referens BCL M 1.11.
Anteckning om åtgärd, som vidtagits i enlighet med LVD, skall införas i teknisk journal för berörd flygmateriel med hänvisning till ifrågavarande LVD-nummer. Angivet underlag refererar till senast gällande revision/utgåva. LVD utges i luftfartsverkets författningssamlingar LFS.

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MINISTÉRIO DA AERONÁUTICA
DEPARTAMENTO DE AVIAÇÃO CIVIL

DIRETRIZ DE AERONAVEGABILIDADE

EFETIVIDADE:
11, Jul. 97

DA Nº
97-06-02

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 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 97-06-02 - EMBRAER - Amendment 39-777

APPLICABILITY:

This Airworthiness Directive is applicable to all EMBRAER EMB-110 aircraft models in operation.

CANCELLATION / REVISION

Not Applicable.

REASON:

It has been determined that a potential for hazard (performance degradation) exists during icing encounters, if the icing condition is so severe that falls outside of those for which the airplane is certificated (supercooled liquid water and ice crystals, also called "freezing rain and drizzle"). This severe icing condition is prone to the formation of an ice build-up on protected surfaces which exceeds the capability of the anti-ice system, or even the ice build-up aft of the protected surface.

Since this condition is applicable to all aircraft of this type design, a corrective action is required. Thus sufficient reason exists to issue this AD.

REQUIRED ACTION:

Inclusion in the applicable Operations/Flight Manual of additional procedures for operation in severe icing environment.

COMPLIANCE:

To prevent performance degradation due to operation in severe ice conditions which exceeds those established in the airworthiness regulations for aircraft certification, no later than 31 July 1997 revise the normal procedures section of the applicable Operations/Flight Manual, paragraph: "Operation in Icing Conditions", to include a detailed procedure for flight into severe icing conditions which shall contain, at least, the following instructions:

- (A) Cues to help pilots to recognize the freezing rain and drizzle conditions;
- (B) Request pilots to turn on immediately the Ice Protection System upon first indication of icing conditions;
- (C) Advise pilots to exit such conditions and avoid abrupt maneuvers or high pitch angles; and
- (D) Prohibiting the use of autopilot and flaps movement.

Such information is the object of the following approved Operations/Flight Manuals revisions:

- MO 110P2/275 (CTA) - Rev. 17;
- MO/MV 110B1/352 (CTA) - Rev. 12;
- MO 110/629 (CTA) - Rev. 6;
- POH 110P2/139 (CAA/UK) - Rev. 25;
- POH/AFM 110P2/151 (DOT/Australia) - Rev. 12;
- MV 110P2/168 (DGAC/France) - Rev. 13;
- POH/AFM 110P1/176 (FAA/USA) - Rev. 41; and,
- AFM 110P1/381 (DOT/Canada) - Rev. 13.

Make the proper log book entry that this AD has been complied with.

CONTACT:

For additional technical information, contact:

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EFFECTIVE DATE:

This AD (Nº 97-06-02 Amendment 39-777) becomes effective on **11, Jul. 97**

APPROVAL:

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Note: Original in portuguese signed and available in the files of the Registro Geral de Aeronavegabilidade (RGA/TE-1/STE/Departamento de Aviação Civil).