

Sektion 2. Utlandstillverkad flygmateriel

<u>TITEL:</u>	Översyn av Horisontgyron
<u>GÄLLER:</u>	EMB-110 med horisontgyron av modeller AIM, Bendix och EMBRAER med typ och S/N angivna i bifogad kopia av CTA DDA 95-12-01
<u>ÅTGÄRD:</u>	Utför åtgärder angivna i BFGoodrich Service Bulletin nr SB251/500-1 och Service Letter nr SL-124 båda daterade 26 oktober 1995 och EMBRAER Service News Letter nr SNL 110-34-002 daterad 9 november 1995 eller senare utgåvor
<u>TID FÖR ÅTGÄRD:</u>	1. Inom 3 månader eller 500 flygtimmar vilket först inträffar räknat från detta LVD's utgivningsdatum. 2. Repetera översynen med 1000 timmars intervall eller 12 månader vilket först inträffar.
<u>UNDERLAG:</u>	BF Goodrich Service Bulletin nr SB 251/500-1 och Service Letter nr SL-124 båda daterade 26 oktober 1995 och EMBRAER Service News Letter nr SNL 110-34-0002 daterad 9 november 1995 eller senare utgåvor.
<u>REFERENS:</u>	CTA DDA 95-12-01
<u>BESLUTS DATUM:</u>	1996-02-09

LFS: 1996:14

Åtgärd enligt LVD utgör nödvändig förutsättning för ifrågavarende 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 senaste gällande revision/utgåva. LVD utges i luftfartsverkets författningssamlingar LFS.



MINISTÉRIO DA AERONÁUTICA
DEPARTAMENTO DE AVIAÇÃO CIVIL

DIRETRIZ DE AERONAVEGABILIDADE

EFETIVIDADE:

DEC 29 95

DA Nº

95-12-01

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 95-12-01 - EMBRAER - Amendment 39-753.

APPLICABILITY:

This Airworthiness Directive is applicable to all "BANDEIRANTE" EMB-110 aircraft equipped with gyro horizons models:

- AIM: 251-ECFB (P/N 504-0005-901), 500-DCF and 500-DCF Mod 1 (P/N 504-0010-910);
- Bendix: 2181-ACF(8), 2181-DCF and 2181-ACF (P/N 4000089-2); and
- EMBRAER: P/N 110P2-9001-10 and P/N 110P2-9001-20.

CANCELLATION / REVISION

Not applicable.

REASON:

It has been found field reliability of aircraft EMB-110 gyro horizons is far below the required performance for this type of equipment when installed in standard operation airplanes for public transportation. It is deemed this situation arises from inadequate units handling and operation and also from the lack of reliable maintenance instruction.

Since this condition can affect the safe operation of this aircraft type, immediate corrective action is required. Thus, sufficient reason exists to issue this AD without prior notice.

REQUIRED ACTION:

Overhaul the affected gyro horizons installed in the aircraft according to reliable maintenance instruction to restore the units to the latest manufacturing performance and repeat overhaul in approved interval.

COMPLIANCE:

Part I

Within 3 months or 500 flight hours, whichever occurs first, after the effective date of this AD, independently of modification status of the units, overhaul the affected equipments according to instructions established in EMBRAER Service News Letter 110-34-0002 and BFGOODRICH AEROSPACE SB 251/500-1 and SL-124.

Part II

Repeat overhaul at 1000 equipment operation hours interval or 12 months, which occurs first.

Detailed procedures and specification for compliance with this AD are established in BFGOODRICH Service Bulletin nr SB 251/500-1 and Service Letter nr. SL-124, both dated 26/OCT/1995, and EMBRAER Service News Letter nº SNL 110-34-0002, dated 09/NOV/1995.

CONTACT:

For additional technical information, contact:

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For acquisition, contact:

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Seção Auxiliar do DAC (1GAB-4)
Aeroporto Santos Dumont, 4º andar - sala 421
Fax: (55) (21) 220-8928
20021-340 - Rio de Janeiro - RJ
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EFFECTIVE DATE:

This AD (nr 95-12-01 Amendment 39-753) becomes effective on DEC 29 95

APPROVAL:

SILOMAR CAVALCANTE GODINHO - Ten.-Cel.-Av.
Chefe da Divisão de Homologação Aeronáutica
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Obs.: Original in portuguese signed and available in the files of the Registro Geral de Aeronavegabilidade (RGA/TE-1/STE/Departamento de Aviação Civil).