

Sektion 2. Utlandstillverkad flygmateriel

TITEL: Kontroll/utbyte av låsning P/N 14468 och 14468A installerade på huvudställets saxlänkar P/N 14480

GÄLLER: EMB 110 S/N 110001 till och med 110472

ÅTGÄRD: Utför åtgärder i enlighet med EMBRAER SB 110-032-0056 eller senare revision och bifogad kopia av CTA DDA 82-12-02R5

TID FÖR ÅTGÄRD: I enlighet med bifogad kopia av CTA DDA 82-12-02R5

UNDERLAG: EMBRAER SB 110-032-0056 eller senare revision
CTA DDA 82-12-02R5

REFERENS: CTA DDA 82-12-02R5

BESLUTS-DATUM: 1991-01-24

LFS: 1991:4

Åtgärd 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 senaste gällande revision/utgåva. LVD utges i luftfartsverkets författningssamlingar LFS.



MINISTÉRIO DA AERONÁUTICA
DEPARTAMENTO DE AVIAÇÃO CIVIL

DIRETRIZ DE AERONAVEGABILIDADE

EFETIVIDADE:

July 09, 1990

DA Nº

82-12-02R5

The following Airworthiness Directive (AD), developed by the Centro Técnico Aeroespacial (CTA) and issued by the Departamento de Aviação Civil (DAC) in accordance with provisions of Chapter IV, Title III of Código Brasileiro de Aeronáutica - Ministerial Decree NR 7,565 as of 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 NR 82-12-02R5 - EMBRAER - Amendment 39-636

APPLICABILITY:

EMB-110: serial numbers 110001 thru 110472

EMB-121: all the serial numbers

CANCELLATION/REVISION:

This AD supersedes AD NR 82-12-02R4 - Amdt 1301/01-612, dated May 11, 1989.

This AD is being revised to be compatible with the new inspection intervals prescribed by Maintenance Planning Guide.

REASON:

It has been found the occurrence of fracture in the key P/N 14468 and 14468A installed to the main landing gear torque link P/N 14480 of the EMB-110 aircraft which may result in the disconnection of the torque link and loss of the wheel alignment. This fact can affect the operational safety of the aircraft.

Since this condition can affect flight safety and develop in other airplanes of the same type, immediate corrective action is required. Thus sufficient reason exists to issue the following Airworthiness Directive without prior notice.

REQUIRED ACTION:

Inspection and replacement of the main landing gear torque link key P/N 14468 and 14468A.

COMPLIANCE:

Compliance is required as follows:

- 1) Reject and replace, within the next 50 operating hours, the keys 14468 or P/N 14468A which reached 3000 landings or more, by another one with the same P/N or by the key with new P/N 110P2-443-05-01 or 14468-000-01. P/N
- 2) Inspect the keys for damages (crushings, buckle, pits, etc) as the following procedures:
 - 2.1) At the next 300 operating hours or 360 landings, whichever occurs first, after the last inspection accomplished to comply with this AD and, subsequently at each 300 operating hours or 360 landings, whichever occurs first, for keys with old P/N (P/N 14468 or P/N 14468A).
 - 2.2) At the next 600 operating hours or 720 landings, whichever occurs first, after the last inspection or key change accomplished to comply with this AD and, subsequently at each 600 operating hours or 720 landings, whichever occurs first, for keys with new P/N (P/N 110P2-443-05-01 or P/N 14468-000-01).
 - 2.3) Reject and replace the damaged keys.
- 3) The limit life of 3000 landings is not applicable to the keys 110P2-443-05-01 or P/N 14468-000-01. P/N

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

The procedures and specifications applicable for the accomplishment of this AD are covered by EMBRAER SB 110-032-0056 and 121-032-0028, or later IFI/CTA approved revisions.

EFFECTIVE DATE:

This AD (NR 82-12-02R5, Amdt 39-636) becomes effective on July 09, 90

Original in Portuguese signed by:

VICENTE DE PAULO SOARES PAGANI - Ten Cel Av
Chefe da Divisão de Aeronaves e Manutenção (TE-1)
STE/DAC