



SERVIÇO PÚBLICO FEDERAL
DEPARTAMENTO DE AVIAÇÃO CIVIL

BRAZILIAN AIRWORTHINESS DIRECTIVE

EFFECTIVE DATE:

29 Jan. 2004

AD No.:

2004-01-03

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. 2004-01-03 - EMBRAER - Amendment 39-1008.

APPLICABILITY:

This Airworthiness Directive is applicable to all EMB-145 () and EMB-135 () aircraft models in operation.

CANCELLATION / REVISION:

Not applicable.

REASON:

It has been found the occurrence of in-flight engine shutdowns due to oil low level, originated from a leaking throughout the hydraulic pump to engine gearbox coupling seal.

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 the hydraulic pump P/N 971808 for a new P/N.

COMPLIANCE:

Required as indicated below, unless already accomplished.

Within 1000 flight operating hours after the effective date of this AD, replace all the hydraulic pumps P/N 971808 with other bearing P/N 971808 MOD A.

No later than 31 march 2004 modify all hydraulic pumps P/N 971808 held in stock to the new P/N 971808 MOD A.

The detailed instructions and procedures to accomplish this AD are described in the Embraer Service Bulletins No. 145-29-0018, original issue, and No. 145LEG-29-0001, original issue, or further revisions approved by the CTA.

Record compliance with this AD in the applicable maintenance log book.

CONTACT:

For additional technical information, contact:

Centro Técnico Aeroespacial - CTA
Instituto de Fomento e Coordenação Industrial - IFI
Divisão de Homologação Aeronáutica - FDH
Praça Mal. Eduardo Gomes, 50 - Vila das Acácias
Caixa Postal 6001
Fax: 55 (12) 3941-4766
12231-970 - São José dos Campos - SP, BRAZIL.
e-mail: pds@ifi.cta.br

For acquisition, contact:

Departamento de Aviação Civil - DAC
Seção de Publicações do DAC (3OP-3)
R. Santa Luzia, 651, 2º Mezanino, Centro
Fax: 55 (21) 3814-6929
20030-040 - Rio de Janeiro - RJ, BRAZIL.
e-mail: publicacoes@dac.gov.br

APPROVAL:

CLÁUDIO PASSOS SIMÃO - Ten.-Cel.-Eng.
Chefe da Divisão de Homologação Aeronáutica
IFI/CTA

VENÂNCIO ALVARENGA GOMES - Cel.-Eng.
Diretor do Instituto de Fomento e Coordenação Industrial
CTA

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.