



SERVIÇO PÚBLICO FEDERAL
DEPARTAMENTO DE AVIAÇÃO CIVIL

BRAZILIAN AIRWORTHINESS DIRECTIVE

EFFECTIVE DATE:

03 March 2003

AD No.:

2003-02-01

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 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. 2003-02-01 - EMBRAER - Amendment 39-982.

APPLICABILITY:

This Airworthiness Directive is applicable to all Embraer EMB-120() aircraft models in operation.

CANCELLATION / REVISION:

Not applicable.

REASON:

It has been found that the Airplane Flight Manual (AFM) approved for the EMB-120() aircraft allows takeoff and landings with the propeller synchronizer on, which is a configuration not approved during the certification of the aircraft.

Since this condition affects flight safety, a corrective action is required. Thus, sufficient reason exists to request compliance with this AD in the indicated time limit without prior notice.

REQUIRED ACTION:

Alteration of the AFM.

COMPLIANCE:

Required as indicated below, unless already accomplished.

Within the next 30 calendar days after the effective date of this AD:

- (a) Introduce an AFM alteration that includes the following text in "Section II - Limitations" under title "Powerplant", sub-title "Propeller":

"For takeoff and landing PROP SYNC must be OFF"

- (b) Introduce an AFM alteration that includes the following modifications in "Section IV - Normal Procedures":

- (1) on paragraph "After Engine Start",

- (i) remove the text

PROP SYNC SwitchON

- (ii) include the text

PROP SYNC Switch OFF

- (2) on paragraph "Before Takeoff" remove the text

PROP SYNC SwitchCHECK ON

- (3) on paragraph "Before Landing" include the text

PROP SYNC Switch OFF

The inclusion of a copy of this AD to the AFM constitutes an acceptable temporary means of compliance for this AD, until an approved AFM revision with the same content is made available.

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

CONTACT:

For additional technical information, contact:

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APPROVAL:

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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.