

 <b>SERVIÇO PÚBLICO FEDERAL</b>  <b>DEPARTAMENTO DE AVIAÇÃO CIVIL</b>	<b>BRAZILIAN AIRWORTHINESS</b>  <b>DIRECTIVE</b>	
	<b>EFFECTIVE DATE</b>  <b>19 August 1988</b>	<b>AD No.:</b>  <b>88-08-08</b>

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. 88-08-08 - LUCAS AEROSPACE/LEAR SIEGLER - Amendment 1301/01-561.**

It has been found a case of engine fire warning in an aircraft EMB-120 "BRASÍLIA" , due to friction heat between 28 VDC auxiliar generator rotor, P/N 30081-001, manufactured by LUCAS AEROSPACE/LEAR SIEGLER, and its broken case parts. This fact degrades the airplane flight safety.

As other broken cases had occurred with this type of generator and the most likely cause is a design fault which allows the generator mounting with the dowel pin out of correct position, this Airworthiness Directive is being issued to prescribe referred pin replacement and an inspection to certify that there are no damage evidence in the generator.

Since this condition requires immediate corrective action, sufficient reason exists to enforce compliance with this amendment without prior notice.

As a result, the RBHA 1301/01 is being amended by addition of the following Airworthiness Directive:

AD NR 88-08-08 - LUCAS AEROSPACE / LEAR SIEGLER - Amendment 1301/01-561, applicable to all DC auxiliar generators P/N 30081-001 installed on, but not limited to, EMBRAER model EMB-120 "BRASÍLIA" airplanes, unless they had already accomplished the SB nº 30081-001-02, Revision 1, or had a letter "A" marked next to 30081-1040 mounting adapter P/N.

Compliance is required in the next 600 operating hours, after the effective date of this AD, in accordance with the procedures covered by SB 30081-001-02, Rev 1, by LUCAS AEROSPACE, dated June 15, 1988, or later revisions.

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

This Amendment becomes effective on August 19, 1988

Original in Portuguese signed by:

Maj Brig do Ar - LUIZ CARLOS BOAVISTA ACCIOLY  
Diretor do CTA

**NOTE:** Original AD signed and issued on 19 Aug 1988. This document was reedited in electronic format on 12 Feb 2001 and its text is identical to the original one.