


EASA	NOTIFICATION OF A PROPOSAL TO ISSUE AN AIRWORTHINESS DIRECTIVE	
	PAD No.: 09-057 Date: 17 April 2009 Note: This Proposed Airworthiness Directive (PAD) is issued by EASA, acting in accordance with Regulation (EC) No 216/2008 on behalf of the European Community, its Member States and of the European third countries that participate in the activities of EASA under Article 66 of that Regulation.	
	In accordance with the EASA Continuing Airworthiness Procedures, the Executive Director is proposing the issuance of an EASA Airworthiness Directive (AD), applicable to the aeronautical product(s) identified below. All interested persons may send their comments, referencing the PAD Number above, to the e-mail address specified in the 'Remarks' section, prior to the consultation closing date indicated.	
Type Approval Holder's Name : Grob Aircraft AG		Type/Model designation(s) : G 120 series aeroplanes
TCDS Number : EASA A.075		
Foreign AD : Not applicable		
Supersedure : None		
ATA 24	Electrical Power System - Electrical Cables - Inspection / Replacement / Modification	
Manufacturer(s):	Grob Aircraft AG (formerly Grob Aerospace GmbH)	
Applicability:	Model G 120A aeroplanes with serial numbers (s/n) from 85001 to 85007 inclusive and from s/n 85026 to 85034 inclusive; and Model G 120A-I aeroplanes from s/n 85008 to 85025 inclusive.	
Reason:	The manufacturer has advised of receiving a report from a G 120A operator of an electrical fire caused by a chafed/scorched cable loom. It has been found that the RH main power distribution cable chafed on the instrument panel combing. It is likely that vibrations made the wiring to chafe. The chafing caused eventually electrical arcing and subsequently an in-flight fire that damaged partially the instrument panel cover. For the reasons stated above, this new AD mandates inspection of all cable looms in the front of the instrument panel cover, repair as necessary and installation of a protective cover on the edge of the instrument panel combing.	
Effective Date:	[TBD: 14 days after final AD issue date]	

<p>Required Action(s) and Compliance Time(s):</p>	<p>Required as indicated, unless accomplished previously:</p> <ol style="list-style-type: none"> (1) Before further flight after the effective date of this AD, inspect the electrical cables for chafing and scorching marks in accordance with the accomplishment instructions of Grob Aircraft AG Service Bulletin (SB) No. MSB1121-108 initial issue. (2) If any chafe, burn or scorch mark is found, before further flight, replace the damaged cable(s) in accordance with the FAA Advisory Circular 43.13-1B Change 1 and install a protective cover on the attachment edge of the instrument panel combing in accordance with the accomplishment instructions of SB No. MSB1121-108 initial issue. (3) If NO chafe, burn or scorch mark is found, within 100 Flight Hours (FH) or at the next 100-hour-inspection, whichever occurs first after the effective date of this AD, install a protective cover on the attachment edge of the instrument panel combing in accordance with the accomplishment instructions of SB No. MSB1121-108 initial issue. (4) Thereafter at intervals not to exceed 100 FH, repeat the inspection of the electrical cables for chafing and scorching marks in accordance with the accomplishment instructions of Grob Aircraft AG Service Bulletin (SB) No. MSB1121-108 initial issue.
<p>Ref. Publications:</p>	<p>GROB Service Bulletin NO. MSB1121-108 initial issue of 18 March 2009.</p> <p>The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD</p>
<p>Remarks :</p>	<ol style="list-style-type: none"> 1. This Proposed AD will be closed for consultation on 03 May 2009. 2. Enquiries regarding this PAD should be referred to the Airworthiness Directives, Safety Management & Research Section, Certification Directorate, EASA. E-mail ADs@easa.europa.eu. 3. For any question concerning the technical content of the requirements in this PAD, please contact: GROB Aircraft AG / Customer Service 86874 Tussenhausen-Mattsies, GERMANY Telephone: + 49 (0) 8268-998-105; Facsimile: + 49 (0) 8268-998-200 E-mail: productsupport@grob-aircraft.com