

EASA	NOTIFICATION OF A PROPOSAL TO ISSUE AN AIRWORTHINESS DIRECTIVE	
	PAD No.: 11-058R1	
	Date: 12 July 2011 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 : Eurocopter Deutschland GmbH		Type/Model designation(s) : MBB-BK117 C-2 helicopters
TCDS Number : EASA.R.010		
Foreign AD : not applicable		
Supersedure : None		
ATA 24	Electrical Power – Generator Control Unit – Identification / Replacement	
Manufacturer(s):	Eurocopter Deutschland GmbH (ECD), American Eurocopter LLC	
Applicability:	MBB-BK117 C-2 helicopters, all serial numbers.	
Reason:	<p>During an acceptance test procedure of a generator control unit (GCU), a short circuit occurred within the unit.</p> <p>The results of the subsequent investigation determined that a manufacturing discrepancy was the cause of this internal short circuit. All Part Number (P/N) P/N 51530-021EI "no MOD", "MOD A" and "MOD B" GCU's are potentially affected by this discrepancy.</p> <p>This condition, if not corrected, can lead to the loss of electrical generating power, possibly resulting in loss of relevant systems that are necessary for a safe continuation of the flight.</p> <p>For the reasons described above, this AD requires the identification of each affected GCU and replacement with a serviceable unit.</p> <p>This Proposed AD has been revised because it has been determined that more GCUs are potentially affected by this unsafe condition.</p>	
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> <p>(1) Within 300 flight hours or 6 months, whichever occurs first after the effective date of this AD, accomplish the following actions in accordance with the instructions of ECD Alert Service Bulletin (ASB) MBB-BK117 C-2-24A-010 Revision 1:</p> <p>(1.1) Identify the P/N and modification status of each GCU installed on the helicopter, and</p> <p>(1.2) If a GCU, identified as required by paragraph (1.1) of this AD, is listed in Table 1 of this AD, replace that GCU with a serviceable unit.</p> <p style="text-align: center;">Table 1 – Affected GCU</p> <table border="1" data-bbox="692 584 1214 779"> <tr> <th>Part Number</th><th>Mod. Status</th></tr> <tr> <td rowspan="3">P/N 51530-021EI</td><td>"no MOD"</td></tr> <tr> <td>"MOD A"</td></tr> <tr> <td>"MOD B"</td></tr> </table> <p>(2) From the effective date of this AD, do not install on any helicopter a GCU which is listed in Table 1 of this AD.</p>	Part Number	Mod. Status	P/N 51530-021EI	"no MOD"	"MOD A"	"MOD B"
Part Number	Mod. Status						
P/N 51530-021EI	"no MOD"						
	"MOD A"						
	"MOD B"						
<p>Ref. Publications:</p>	<p>ECD ASB MBB-BK117 C-2-24A-010 Revision 1 dated 01 July 2011.</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>	<p>1. This Proposed AD will be closed for consultation on 26 July 2011.</p> <p>2. Enquiries regarding this PAD should be referred to the Safety Information Section, Executive Directorate, EASA. E-mail ADs@easa.europa.eu.</p> <p>3. For any question concerning the technical content of the requirements in this PAD, please contact: Eurocopter Deutschland GmbH, Industriestrasse 4, 86607 Donauwörth, Federal Republic of Germany Telephone: + 49 (0)151-1422 8976; Facsimile: + 49 (0)906-71 4111.</p>						