


<b>EASA</b>	<b>NOTIFICATION OF A PROPOSAL TO ISSUE AN AIRWORTHINESS DIRECTIVE</b>
	<p><b>PAD No.: 11-058</b></p> <p><b>Date: 06 June 2011</b></p> <p>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.</p>
<p>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.</p>	
<p><b>Type Approval Holder's Name :</b></p> <p>Eurocopter Deutschland GmbH</p>	<p><b>Type/Model designation(s) :</b></p> <p>MBB-BK117 C-2 helicopters</p>
<p>TCDS Number : EASA.R.010</p>	
<p>Foreign AD : not applicable</p>	
<p>Supersedure : None</p>	
<b>ATA 24</b>	<b>Electrical Power – Generator Control Unit – Identification / Replacement</b>
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. A dedicated batch of Part Number (P/N) 51530-021EI "no MOD" GCUs, identifiable by serial number, is 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>
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 100 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:</p> <p>(1.1) Identify the P/N and serial number (s/n) 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 by P/N and s/n in Table 1 of this AD, replace that GCU with a serviceable unit, having another s/n as those listed in Table 1 of this AD.</p> <p style="text-align: center;">Table 1 – Affected GCU</p> <table border="1" data-bbox="571 616 1385 712"> <tr> <th>Part Number</th><th>Serial Numbers</th></tr> <tr> <td>P/N 51530-021EI “no MOD”</td><td>P5001 through P5141 inclusive</td></tr> </table> <p>(2) From the effective date of this AD, do not install a P/N 51530-021EI “no MOD” GCU on any helicopter, unless it has been determined that the s/n of the GCU is not listed in Table 1 of this AD.</p>	Part Number	Serial Numbers	P/N 51530-021EI “no MOD”	P5001 through P5141 inclusive
Part Number	Serial Numbers				
P/N 51530-021EI “no MOD”	P5001 through P5141 inclusive				
<p>Ref. Publications:</p>	<p>ECD ASB MBB-BK117 C-2-24A-010 dated 30 May 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 04 July 2011.</p> <p>2. Enquiries regarding this PAD should be referred to the Airworthiness Directives, Safety Management &amp; Research Section, Certification Directorate, EASA. E-mail <a href="mailto:ADs@easa.europa.eu">ADs@easa.europa.eu</a>.</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>				