

EASA	AIRWORTHINESS DIRECTIVE
	AD No.: 2011-0149 Date: 05 August 2011 <p>Note: This Airworthiness Directive (AD) 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>This AD is issued in accordance with EC 1702/2003, Part 21A.3B. In accordance with EC 2042/2003 Annex I, Part M.A.301, the continuing airworthiness of an aircraft shall be ensured by accomplishing any applicable ADs. Consequently, no person may operate an aircraft to which an AD applies, except in accordance with the requirements of that AD, unless otherwise specified by the Agency [EC 2042/2003 Annex I, Part M.A.303] or agreed with the Authority of the State of Registry [EC 216/2008, Article 14(4) exemption].</p>	
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>
Effective Date:	19 August 2011

<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="722 584 1246 779"> <thead> <tr> <th>Part Number</th><th>Mod. Status</th></tr> </thead> <tbody> <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> </tbody> </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. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.</p> <p>2. This AD was posted on 06 June 2011 as PAD 11-058 for consultation until 04 July 2011 and republished on 12 July 2011 as PAD 11-058R1 for extended consultation until 26 July 2011. No comments were received during the consultation period.</p> <p>3. Enquiries regarding this AD should be referred to the Safety Information Section, Executive Directorate, EASA. E-mail ADs@easa.europa.eu.</p> <p>4. For any question concerning the technical content of the requirements in this AD, 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>						