

EASA	AIRWORTHINESS DIRECTIVE	
	<p>AD No.: 2015-0144</p> <p>Date: 21 July 2015</p> <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 EU 748/2012, Part 21.A.3B. In accordance with EU 1321/2014 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 [EU 1321/2014 Annex I, Part M.A.303] or agreed with the Authority of the State of Registry [EC 216/2008, Article 14(4) exemption].</p>		
<p>Design Approval Holder's Name: AIRBUS HELICOPTERS DEUTSCHLAND GmbH</p>	<p>Type/Model designation(s): MBB-BK117 C-2 helicopters</p>	
TCDS Number:	EASA.R.010	
Foreign AD:	Not applicable	
Supersedure:	None	
ATA 88	Wiring / Harness – Collective Lever Wiring Harness – Inspection	
Manufacturer(s):	Airbus Helicopters Deutschland GmbH (AHD) (formerly Eurocopter Deutschland GmbH), Airbus Helicopters Inc. (formerly American Eurocopter LLC).	
Applicability:	MBB-BK117 C-2 helicopters, all serial numbers (s/n) up to s/n 9708 inclusive.	
Reason:	<p>During flight testing, a twist grip on an MBB-BK117 C-2 helicopter could not be fully engaged by the pilot in the flight position. Further investigation found a damaged transparent sleeve on the collective lever wiring harness, caused by incorrect installation of the heat-shrinkable sleeve.</p> <p>This condition, if not detected and corrected, could result in chafing of the harness and consequent malfunctioning of affected systems.</p> <p>To address this potential unsafe condition, AHD issued Alert Service Bulletin (ASB) MBB-BK117 C-2-88A-010 (later revised) to provide instructions for inspection and corrective action.</p> <p>For the reason described above, this AD requires a one-time inspection of the heat-shrinkable and transparent sleeves installed on the collective lever (pilot) wiring harness and, in case discrepancies are found, the accomplishment of the applicable corrective action(s).</p>	
Effective Date:	04 August 2015	

<p>Required Action(s) and Compliance Time(s):</p>	<p>Required as indicated, unless accomplished previously:</p> <p>(1) Within the compliance time as specified in Table 1 of this AD, accomplish a one-time inspection of the heat-shrinkable and transparent sleeves installed on the collective lever (pilot) wiring harness in accordance with the instructions of AHD ASB MBB-BK117 C-2-88A-010 Revision 1.</p> <p style="text-align: center;">Table 1 – One-time inspection</p> <table border="1" data-bbox="549 421 1422 730"> <thead> <tr> <th data-bbox="549 421 967 510">Helicopter configuration</th> <th data-bbox="967 421 1422 510">Compliance time (after the effective date of this AD)</th> </tr> </thead> <tbody> <tr> <td data-bbox="549 510 967 622">Externally mounted hoist and/or emergency flotation system installed</td> <td data-bbox="967 510 1422 622">Within 100 FH or three months, whichever occurs first</td> </tr> <tr> <td data-bbox="549 622 967 730">No externally mounted hoist and/or emergency flotation system installed</td> <td data-bbox="967 622 1422 730">Within 12 months</td> </tr> </tbody> </table> <p>(2) If, during the inspection as required by paragraph (1) of this AD, any discrepancy is found, before next flight, accomplish the applicable corrective action(s) in accordance with the instructions of AHD ASB MBB-BK117 C-2-88A-010 Revision 1.</p>	Helicopter configuration	Compliance time (after the effective date of this AD)	Externally mounted hoist and/or emergency flotation system installed	Within 100 FH or three months, whichever occurs first	No externally mounted hoist and/or emergency flotation system installed	Within 12 months
Helicopter configuration	Compliance time (after the effective date of this AD)						
Externally mounted hoist and/or emergency flotation system installed	Within 100 FH or three months, whichever occurs first						
No externally mounted hoist and/or emergency flotation system installed	Within 12 months						
<p>Ref. Publications:</p>	<p>AHD ASB MBB-BK117 C-2-88A-010 Revision 1 dated 16 April 2015.</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. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. This AD was posted on 22 April 2015 as PAD 15-043R1 for consultation until 14 May 2015. No comments were received during the consultation period. 3. Enquiries regarding this AD should be referred to the Safety Information Section, Certification Directorate, EASA. E-mail: ADs@easa.europa.eu. 4. For any question concerning the technical content of the requirements in this AD, please contact: Airbus Helicopters Deutschland GmbH, Industriestrasse 4, 86607 Donauwörth, Federal Republic of Germany Telephone: + 49 (0)151 1422 8976; Facsimile: + 49 (0)906 71 4111. 						