


EASA	EMERGENCY AIRWORTHINESS DIRECTIVE	
	<p>AD No.: 2014-0046-E</p> <p>Date: 27 February 2014</p> <p>Note: This Emergency 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 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>		
<p>Design Approval Holder's Name: AIRBUS HELICOPTERS DEUTSCHLAND GmbH</p>	<p>Type/Model designation(s): MBB-BK 117 C-2 helicopters</p>	
TCDS Number:	EASA.R.010	
Foreign AD:	Not applicable	
Supersedure:	None	
ATA 85	Optional Equipment – External Rescue Hoist System – Deactivation	
Manufacturer(s):	Airbus Helicopters Deutschland GmbH (AHD), Eurocopter Deutschland GmbH, American Eurocopter LLC	
Applicability:	MBB-BK 117 C-2 helicopters, all serial numbers.	
Reason:	<p>In a recent incident involving an MBB-BK 117 C-2 helicopter, the rescue hoist damper unit detached from the cable when the hoist damper was lifted by hand (no load attached).</p> <p>Subsequent investigation revealed that the detachment occurred because a retaining ring inside the damper unit was not located at its correct installation position. It was determined that the displacement of the retaining ring may occur as a maintenance induced error, or as a result of retaining ring interaction with the bonding strap unit during operation.</p> <p>This condition, if not detected and corrected, could lead to the detachment of an external load or person from the helicopter hoist, possibly resulting in personal injury, or injury to persons on the ground.</p> <p>For the reason described above, this AD requires replacement of the affected rescue hoist damper units, or deactivation of the rescue hoist.</p> <p>This AD is considered a temporary measure and further AD action may follow.</p>	
Effective Date:	03 March 2014	

<p>Required Action(s) and Compliance Time(s):</p>	<p>Required as indicated, unless accomplished previously:</p> <p>(1) For helicopters equipped with (optional) rescue hoist damper unit/rescue winch damper unit Part Number (P/N) 44307-480, P/N 44307-480-1 or P/N 44307-480-2, before the next hoist operation, or within 30 days, whichever occurs first after the effective date of this AD, accomplish one of the actions, as specified in paragraph (1.1) or (1.2) of this AD, in accordance with the instructions of AHD Emergency Alert Service Bulletin (ASB) MBB-BK117 C-2-85A-041 Revision 1:</p> <p>(1.1) Replace the rescue hoist damper unit with a part having a different P/N.</p> <p>(1.2) Deactivate the rescue hoist.</p> <p>(2) From the effective date of this AD, do not install on a MBB-BK 117 C-2 helicopter a rescue hoist damper unit having P/N 44307-480, or P/N 44307-480-1, or P/N 44307-480-2.</p>
<p>Ref. Publications:</p>	<p>AHD Emergency (ASB) MBB-BK117 C-2-85A-041 Revision 1 dated 27 February 2014.</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. The results of the safety assessment have indicated the need for immediate publication and notification, without the full public consultation process. 3. Enquiries regarding this AD should be referred to the Safety Information Section, Executive 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.