


EASA	AIRWORTHINESS DIRECTIVE	
	<p>AD No.: 2015-0044</p> <p>Date: 13 March 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>	
<p>TCDS Number:</p>	<p>EASA.R.010</p>	
<p>Foreign AD:</p>	<p>Not applicable</p>	
<p>Supersedure:</p>	<p>None</p>	
<p>ATA 24</p>	<p>Electrical Power – Terminal Lugs – Inspection / Replacement</p>	
<p>Manufacturer(s):</p>	<p>Airbus Helicopters Deutschland GmbH (AHD) (formerly Eurocopter Deutschland GmbH), Airbus Helicopters Inc. (formerly American Eurocopter LLC).</p>	
<p>Applicability:</p>	<p>MBB-BK117 C-2 helicopters, serial numbers (s/n) as listed in Appendix 1 of this AD.</p>	
<p>Reason:</p>	<p>It has been discovered that terminal lugs with incorrect crimping may have been installed on some MBB-BK117 C-2 helicopters in production. In addition, an incorrect crimping die or crimp tool setting may have been used to terminate the lugs. Incorrect crimping may adversely affect contact resistance and gas-tightness of the contact between wire and terminal lug.</p> <p>This condition, if not detected and corrected, could lead to the loss of electrical power during flight.</p> <p>To address this unsafe condition, AHD issued Alert Service Bulletin (ASB) MBB-BK117 C-2-24A-013 to provide instructions for visual inspection and replacement of terminal lugs.</p> <p>For the reason described above, this AD requires a one-time visual inspection of terminal lugs and replacement of affected lugs if incorrect crimping is found.</p>	
<p>Effective Date:</p>	<p>27 March 2015</p>	

<p>Required Action(s) and Compliance Time(s):</p>	<p>Required as indicated, unless accomplished previously:</p> <p>During the next scheduled inspection (Intermediate Inspection, 12-Month Inspection or Periodical Inspection), but not later than 12 months after the effective date of this AD, accomplish a visual inspection of the terminal lugs and, if an incorrect crimping is found, replace each affected terminal lug in accordance with the instructions of AHD ASB MBB-BK117 C-2-24A-013.</p>
<p>Ref. Publications:</p>	<p>AHD ASB MBB-BK117 C-2-24A-013 Revision 0 (original issue) dated 29 October 2014 or Revision 1 dated 25 November 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. This AD was posted on 10 February 2015 as PAD 15-011 for consultation until 10 March 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.

Appendix 1 – Affected helicopter s/n

9206	9364	9404	9439	9473	9508	9551	9602
9233	9366	9405	9440	9475	9509	9553	9604
9260	9368	9407	9441	9477	9511	9555	9606
9284	9370	9408	9443	9478	9513	9558	9608
9305	9371	9410	9444	9480	9516	9561	9610
9320	9373	9412	9446	9481	9518	9563	9611
9326	9375	9413	9447	9483	9519	9565	9615
9328	9376	9415	9449	9484	9521	9566	9617
9330	9378	9416	9450	9486	9523	9569	9618
9333	9380	9417	9451	9487	9525	9571	9620
9337	9383	9419	9453	9489	9527	9575	9622
9340	9385	9420	9455	9490	9528	9577	9624
9343	9386	9422	9456	9492	9530	9579	9628
9345	9388	9424	9458	9493	9532	9581	9630
9347	9390	9425	9459	9495	9534	9583	9632
9349	9391	9427	9461	9496	9536	9585	9634
9351	9393	9428	9462	9498	9537	9589	9636
9352	9394	9430	9464	9499	9539	9591	9638
9354	9396	9431	9466	9501	9541	9593	9639
9356	9398	9433	9467	9503	9544	9594	9641
9358	9399	9434	9469	9504	9546	9596	9643
9360	9401	9436	9470	9505	9548	9598	9651
9362	9402	9437	9472	9506	9549	9599	