


EASA	AIRWORTHINESS DIRECTIVE	
	<p>AD No.: 2006-0344 R1</p> <p>Date: 10 May 2007</p>	
No person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of that Airworthiness Directive unless otherwise agreed with the Authority of the State of Registry.		
Type Approval Holder's Name:	Type/Model designation(s):	
EUROCOPTER	EC 130 B4 Helicopters	
TCDS Number: EASA R.008		
Foreign AD: Not applicable		
Revision/Supersedure: This AD revises EASA Emergency AD 2006-0344-E		
ATA 25	Equipment & Furnishings – Emergency Flotation Gear – Electrical Harnesses and Attachment – Check / Repair / Replacement / Installation	
Manufacturer(s):	EUROCOPTER	
Applicability:	EC 130 B4 helicopters, all serial numbers, and modified per MOD 073774 (Installation of screws/nuts in place of the attachments of the lower fairings with “blind” nuts) and not embodying MOD 073591 or drawing 350A085340.	
Reason:	<p>The initial issue of this Airworthiness Directive (AD) was issued as an Emergency AD, following a report of an incident in flight which led to the inflation of the emergency floatation gear and the activation of various warnings. The pilot was able to land the helicopter without damage. Investigations have revealed that a screw that secures the RH lower center fairing interfered with an electrical harness and caused several short circuits, resulting in the described incident.</p> <p>The purpose of this AD is to prevent, on helicopters post MOD 073774, any interference between the electrical harnesses and the bottom structure fairing attachment screws</p> <p>Embodiment of a modification in accordance with Eurocopter drawing 350A085342 is considered as a temporary solution to be applied rapidly in order to ensure that there is no interference. Embodiment of a modification in accordance with Eurocopter drawing 350A085340 is the permanent solution that can be applied directly according to the availability of the helicopter and the components. This AD has been revised to provide additional information that MOD 073591, incorporated on new helicopters, is also the permanent solution for the problem that caused the reported incident.</p>	
Effective Date:	15 November 2006	

Compliance:	<p>(1) For EC 130 B4 helicopters not modified in accordance with Eurocopter DWG No 350A085342:</p> <p>Within 10 flight hours after the effective date this AD, check the condition of the electrical harnesses and their attachments, carry out the corrective actions if necessary and protect the electrical harnesses in accordance with the instructions described in paragraphs 2.B.1 through 2.B.3 (corresponding to DWG No 350A085342) and 2.B.5 of the referenced Alert Service Bulletin (ASB);</p> <p>Note: Compliance with the requirements of paragraph (2) of this AD within 10 flight hours makes compliance with paragraph (1) redundant.</p> <p>(2) For all EC 130 B4 helicopters affected by this AD:</p> <p>Within 550 flight hours or within 2 years after the effective date of this AD, whichever occurs first, check the condition of the electrical harnesses, carry out, as necessary, the corrective actions and install the clamp blocks as instructed in paragraphs 2.B.1, 2.B.2.a, 2.B.4 (corresponding to DWG No 350A085340) and 2.B.5 of the referenced ASB.</p>
Ref. Publications:	EUROCOPTER EC 130 B4 Alert Service Bulletin No 88A001 or later approved revisions.
Remarks:	<ol style="list-style-type: none"> 1. If requested and appropriately substantiated the responsible EASA manager for the related product has the authority to accept Alternative Methods of Compliance (AMOCs) for this AD. 2. The safety assessment had requested not to implement the full consultation process and an immediate publication and notification for the initial issue of this directive as an Emergency AD on 13 November 2006. 3. Enquiries regarding this AD should be addressed to AD Focal Point, Certification Directorate, EASA; E-mail: ADs@easa.europa.eu . 4. For any questions concerning the technical content of the requirements in this AD, please contact: EUROCOPTER (STD1) - Aéroport de Marseille Provence 13725 Marignane Cedex - France. Tel: 33 (0) 4 42 85 97 97 - Fax: 33 (0) 4 42 85 99 66. E-mail: Directive.technical-support@eurocopter.com