


EASA	EMERGENCY AIRWORTHINESS DIRECTIVE	
	<p>AD No: 2007- 0159-E</p> <p>Date: 06 June 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 : EUROCOPTER		Type/Model designation(s) : EC 155
TCDS Number: DGAC France No 159		
Foreign AD: Not applicable		
Supersedure: Not applicable		
ATA 25	Equipment / Furnishings - Hoist cut-off connector 24 Delta- Inspection / Modification	
Manufacturer:	EUROCOPTER	
Applicability:	EUROCOPTER EC 155 B and B1 helicopters, all serial numbers, fitted with optional equipment OP 45C07 (fixed part of the hoist installation) whose serial number is inferior to 6763.	
Reason:	<p>This Airworthiness Directive (AD) is prompted by the discovery of a short circuit evidence in hoist connector "24 Delta" even though the hoist was removed from the rotorcraft</p> <p>The short circuit generated sufficient heat to ignite the paint on the cooler support cowling near the hoist cut-off connector "24 Delta".</p> <p>As this short circuit cannot be detected by crews, there is a possible risk of fire in this area which could propagate to surrounding zones.</p> <p>Consequently, this AD mandates installation of an electrical bonding braid for the fixed connector "24 Delta", verification of its proper orientation and introduces a disconnection procedure of the hoist power cable to apply, as long as the braid is not installed, when the hoist has to be removed from the rotorcraft</p>	
Effective Date:	11 June 2007	

Compliance:	<ol style="list-style-type: none"> 1. Within 7 days after the effective date of this AD, check the orientation of the fixed connector "24 Delta" as instructed in paragraph (§) 2.B.2.a. of EUROCOPTER EC 155 Alert Service Bulletin (ASB) No.25A085. 2. During each hoist removal and until accomplishment of § 3. of this AD, apply the hoist power cable disconnection procedure as instructed in § 2.B.2.b. of EUROCOPTER EC 155 ASB No.25A085 3. Within the next 3 months after the effective date of this AD, install an electrical bonding braid for connector "24 Delta" in accordance with § 2.B.2.c. of EUROCOPTER EC 155 ASB No.25A085 <p>Note: Factory-implemented modification MOD 0745C82 is acceptable for compliance with § 3. of this AD.</p>
Ref. Publications:	EUROCOPTER EC 155 Alert Service Bulletin No. 25A085 original issue. or any subsequent approved revision.
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 has requested not to implement the full consultation process and an immediate publication and notification 3. Enquiries regarding this Airworthiness Directive should be referred to the AD Focal Point - 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: EUROCOPTER (STDI) - 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