


EASA	EMERGENCY AIRWORTHINESS DIRECTIVE	
	<p>AD No.: 2009-0095-E</p> <p>Date: 17 April 2009</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 EC 1702/2003, Part 21A.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>Type Approval Holder's Name :</p> <p>EUROCOPTER</p>		<p>Type/Model designation(s) :</p> <p>AS 332 and EC 225 helicopters</p>
TCDS Number :	EASA R.002	
Foreign AD :	Not applicable	
Supersedure :	None	
ATA 63	Main Rotor Drive – Epicyclic Reduction Gear Module of the Main Gear Box – Check	
Manufacturer(s):	Eurocopter (formerly Eurocopter France)	
Applicability:	AS 332 L2 and EC 225 LP helicopters, all serial numbers.	
Reason:	<p>This emergency Airworthiness Directive (AD) is issued following the accident of the AS 332 L2 helicopter registered G-REDL that occurred on April 1, 2009, off the coast of Scotland near Aberdeen.</p> <p>Early investigations showed that a failure within the epicyclic reduction module of the Main Gear Box (MGB) resulted in the rupture of the MGB case, which allowed the main rotor head to separate from the helicopter.</p> <p>In the light of this information, enhancement of the means for detection of MGB contamination was deemed of the utmost importance. As an initial precautionary measure EASA Emergency AD 2009-0087-E dated 11 April 2009 was published with that aim.</p> <p>Today, the investigation is still in progress and examinations of the remains of the MGB epicyclic module, and associated areas of the helicopter, continue apace with the aim of establishing as soon as possible the sequence of the failure and initiating cause.</p> <p>In order to complement measures mandated by AD 2009-0087-E, this new AD is issued to require a one-time inspection for absence of particles in the MGB epicyclic reduction gear module on the entire fleet.</p>	

Effective Date:	18 April 2009
Required Action(s) and Compliance Time(s):	<p>(1) Before next flight after the effective date of this AD, unless already accomplished per the requirements of AD 2009-0087-E, remove and inspect the MGB epicyclic reduction gear module in accordance with the instructions of paragraph 2.B.2 of Eurocopter Alert Service Bulletin (ASB) No. 05.00.81 initial issue (for AS332 helicopters) or ASB No. 05A017 initial issue (for EC225 helicopters).</p> <p>Note: Accomplishment of actions required by this AD does not terminate the repetitive inspection requirements as defined in AD 2009-0087-E.</p>
Ref. Publications:	<p>Eurocopter AS332 ASB 05.00.81 initial issue dated 10 April 2009; Eurocopter EC225 ASB 05A017 initial issue dated 10 April 2009;</p> <p>The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD.</p>
Remarks :	<ol style="list-style-type: none"> 1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance 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 AD should be referred to the Airworthiness Directives, Safety Management & Research 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: EUROCOPTER (STN) Support 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: Directivetechnical-support@eurocopter.com

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