


EASA	AIRWORTHINESS DIRECTIVE	
	<b>AD No.: 2009-0124</b>	
	<b>Date: 12 June 2009</b>  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.	
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].		
<b>Type Approval Holders' Names :</b>  Eurocopter, Eurocopter Deutschland GmbH and Agusta S.p.A.	<b>Type/Model designations :</b> AS332, AS365, AS350, AS355, EC225, SA330, SA360, EC135, EC135, MBB-BK 117, A109 and AB139/AW139 series helicopters	
TCDS Numbers : EASA R.002, R.005, R.006, R.008, R.009, R.010, F.049, LB.001 and DGAC France TC80 and TC86		
Foreign AD : Not applicable		
Supersedure: None		
<b>ATA 25</b>	<b>Equipment / Furnishing / Lifesaving Systems' D-Lok Hook of the Rescue Hoist - Inspection / Replacement</b>	
Manufacturer:	Eurocopter (formerly Eurocopter France) / Eurocopter Deutschland GmbH, Eurocopter ESPANA S.A., American Eurocopter LLC / Agusta S.p.A., Agusta Aerospace Corporation.	
Applicability:	Eurocopter model AS332, AS365, AS350, AS355, EC225, SA330, SA360 and EC135 series helicopters fitted with Goodrich hook kit or rescue hoist assemblies as identified in table 1 of Goodrich Service Bulletin 42315-489-01 revision 1, dated 05 June 2009. <u>and</u> Eurocopter Deutschland GmbH model EC135 and MBB-BK 117 series helicopters fitted with Goodrich hook kit or rescue hoist assemblies as identified in table 1 of Goodrich Service Bulletin 42315-489-01 revision 1, dated 05 June 2009. <u>and</u> Agusta S.p.A model A109 and AB139/AW139 series helicopters fitted with Goodrich hook kit or rescue hoist assemblies as identified in table 1 of Goodrich Service Bulletin 42315-489-01 revision 1, dated 05 June 2009.  Remark: the last column 'Helicopter' given in table 1 of Goodrich Service Bulletin 42315-489-01 revision 1 is for information only. Use the Goodrich part numbers only to identify the affected hook kit/hoist/helicopter combination.	
Reason:	Goodrich Corporation, sensors and integrated systems (hoist & winch), has advised of receiving field reports, from rescue hoist operators, of surface irregularities and discontinuities on D-Lok Hooks supplied by Lifesaving	

	<p>Systems with part number 410-A and 410-F. Although the investigation is still on-going, a non-approved change in the hook manufacturing process is suspected to be the cause of the irregularities and discontinuities found in the material.</p> <p>This condition, if left uncorrected could lead to the fracture of the hook.</p> <p>For the reasons stated above, this new AD mandates inspection of D-Lok Hooks installed on certain Goodrich hook kit or rescue hoist assemblies and the removal of hooks which feature unacceptable surface irregularities and discontinuities.</p>
Effective Date:	26 June 2009
Required Action(s) and Compliance Time(s):	<p>Required as indicated unless previously accomplished:</p> <ol style="list-style-type: none"> <li>(1) Within 10 Flight Hours or before the next hoist operation, whichever occurs first after the effective date of this AD, inspect the D-Lok Hook of the rescue hoist system and do all corrective actions in accordance with paragraphs A to E of the accomplishment instructions of Goodrich Service Bulletin (SB) 42315-489-01 revision 1.</li> <li>(2) After the effective date of this AD, do not install a D-Lok hook in the rescue hoist system on any helicopter unless it has previously been inspected and found serviceable as instructed in paragraphs C of the accomplishment instructions of Goodrich SB 42315-489-01 revision 1.</li> <li>(3) For Eurocopter and Airbus Helicopters, inspections and corrective actions done before the effective date of this AD in accordance with the initial issue of Goodrich SB 42315-489-01 satisfy the requirements of paragraph (1) of this AD.</li> </ol>
Ref. Publications:	Goodrich Service Bulletin 42315-489-01 revision 1, dated 05 June 2009.
Remarks :	<p>1. Any request and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.</p> <p>2. The required actions and the risk allowance have granted the issuance of a Final AD with Request for Comments, postponing the public consultation process after publication.</p> <p>3. Enquiries regarding this AD should be referred to the Airworthiness Directives, Safety Management &amp; Research Section, Certification Directorate, EASA. E-mail: <a href="mailto:ADs@easa.europa.eu">ADs@easa.europa.eu</a>.</p> <p>4. For any question concerning the technical content of the requirements in this AD, please contact:</p> <p>Goodrich Corporation , Sensors and Integrated Systems 1550 S. Valley Vista Drive, Diamond Bar, California United States of America Tel: +1 909 569-0210 Fax: +1 909 569-0387</p> <p>Goodrich Corporation , Sensors and Integrated Systems Saint-Ouen l'Aumône 13 Avenue de l'Eguillette BP 7186 Cergy-Pontoise, Val d'Oise 95056 France Tel: +33 (0) 1 3432 6781 Fax: +33 (0) 1 3432 6323</p>