


<b>EASA</b>	<b>NOTIFICATION OF A PROPOSAL TO ISSUE AN AIRWORTHINESS DIRECTIVE</b>
	<p><b>PAD No.: 09 – 140</b></p> <p><b>Date: 16 December 2009</b></p> <p>Note: This Proposed Airworthiness Directive (PAD) 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>In accordance with the EASA Continuing Airworthiness Procedures, the Executive Director is proposing the issuance of an EASA Airworthiness Directive (AD), applicable to the aeronautical product(s) identified below. All interested persons may send their comments, referencing the PAD Number above, to the e-mail address specified in the 'Remarks' section, prior to the consultation closing date indicated.</p>	
<b>Type Approval Holder's Name :</b>  EUROCOPTER	<b>Type/Model designation(s) :</b>  AS 355 helicopters
TCDS Number : EASA.R.146	
Foreign AD : Not applicable	
Supersedure : None	
<b>ATA 53</b>	<b>Fuselage – Engine and Main Gearbox Cowling Locking – Modification</b>
Manufacturer(s):	Eurocopter (formerly Eurocopter France, Aerospatiale).
Applicability:	All AS355E, F, F1 and F2 helicopters, all serial numbers.
Reason:	<p>Several cases of untimely in flight opening of an engine or Main Gearbox (MGB) cowling have occurred. These events were caused by incorrect locking of the cowlings or by the absence of a check for correct closing.</p> <p>An unlocked cowling may be lost in flight, which could seriously affect flight safety, as well as safety of persons on the ground.</p> <p>Several modifications have been designed and successfully installed on helicopters in use in UK. These modifications and Eurocopter modification 073313 are intended to ensure that unlocked cowlings are detected by the pilot before take off.</p> <p>This AD mandates the installation of one of such modifications.</p> <p>Note: AS355 helicopters not listed in this AD have been modified by Eurocopter during production with the equivalent of modification 073313.</p>
Effective Date:	[TBD: 14 days after final AD issue date]
Required Action(s) and Compliance Time(s):	Required as indicated, unless accomplished previously:

	<p>Within 24 months after the effective date of this AD accomplish one of the following:</p> <ul style="list-style-type: none"> <li>- Install Eurocopter Modification No. 073313 in accordance with the instructions of Eurocopter Service Bulletin No. 53.00.24 – Improvement to engine and MGB cowling locking; or</li> <li>- Install Eurocopter UK (McAlpine Helicopters) modification MCH/A/355/597 – Installation of cockpit warning; or</li> <li>- Install Aerospace Design Facilities modification ADF 350/5-101 – Installation of secondary latch; or</li> <li>- Install Aero Engineering Design Ltd modification 31-10-013 – installation of cockpit warning; or</li> <li>- An alternative means of compliance that provides an acceptable level of safety when approved by EASA.</li> </ul>
Ref. Publications:	<p>Eurocopter Service Bulletin No. 53.00.24 revision 0.</p> <p>The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.</p>
Remarks:	<ol style="list-style-type: none"> <li>1. This Proposed AD will be closed for consultation on 13 January 2010.</li> <li>2. Enquiries regarding this PAD 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>.</li> <li>3. For any questions concerning the technical content of the requirements in the referenced EUROCOPTER SB, 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: <a href="mailto:Directive.technical-support@eurocopter.com">Directive.technical-support@eurocopter.com</a>.</li> </ol>