


EASA	AIRWORTHINESS DIRECTIVE	
	<p>AD No.: 2012-0033R1</p> <p>Date: 27 February 2012</p> <p>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.</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 350 B2 helicopters</p>	
<p>TCDS Number :</p>	<p>EASA.R.008</p>	
<p>Foreign AD :</p>	<p>Not applicable</p>	
<p>Revision:</p>	<p>This AD revises EASA AD 2012-0033 dated 24 February 2012.</p>	
<p>ATA 26</p>	<p>Fire Protection – Fire Detection System – Modification</p>	
<p>Manufacturer(s):</p>	<p>Eurocopter, Eurocopter France, Aerospatiale</p>	
<p>Applicability:</p>	<p>AS 350 B2 helicopters, all serial numbers, if equipped with a Turbomeca ARRIEL 1D1 engine and incorporating Eurocopter modification (mod) 073273, except helicopters that incorporate mod 074346.</p>	
<p>Reason:</p>	<p>Reports have been received, concerning three events with AS 350 B2 helicopters, in which the "FIRE ALARM" warning did not light up on the Cockpit Warning Panel (CWP) during a functional test of the power plant fire detection circuit.</p> <p>The results of the investigation showed that these occurrences had been caused by the fact that a resistor was missing, which had been introduced through mod 072598, but removed through mod 073273 even though mod 072598 was still logged in the helicopter documents.</p> <p>This condition, if not detected and corrected, could lead to a situation where an engine fire remains undetected, possibly resulting in loss of the helicopter.</p> <p>For the reasons described above, this AD requires modification of the fire detection system (mod 074346) by installation of two additional resistor modules (38W and 39W).</p> <p>This AD has been revised to amend the Applicability to match the definition in Eurocopter AS350 Alert Service Bulletin 26.00.02.</p>	
<p>Effective Date:</p>	<p>27 February 2012</p>	

<p>Required Action(s) and Compliance Time(s):</p>	<p>Required as indicated, unless accomplished previously:</p> <p>Within 40 flight hours or 75 calendar days, whichever occurs first after the effective date of this AD, modify the fire detection system by installing resistor modules 39W and 38W, in accordance with the instructions of paragraph 3 of Eurocopter AS350 Emergency Alert Service Bulletin (ASB) 26.00.02.</p>
<p>Ref. Publications:</p>	<p>Eurocopter AS350 ASB 26.00.02 dated 23 February 2012.</p> <p>The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.</p>
<p>Remarks :</p>	<ol style="list-style-type: none"> 1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 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. 3. Enquiries regarding this AD should be referred to the Safety Information Section, Executive 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 - Customer Service Technical Support Department, Aéroport de Marseille, Provence 13725 Marignane Cedex – France Telephone: + 33 (0)4 42 85 99 51, Fax: + 33 (0)4 42 85 99 66. E-mail: Directive.technical-support@eurocopter.com.