


EASA	AIRWORTHINESS DIRECTIVE	
	<p>AD No.: 2011-0190</p> <p>Date: 30 September 2011</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 : EUROCOPTER</p>	<p>Type/Model designation(s) : AS 365, EC 155, SA 365 and SA 366 helicopters</p>	
<p>TCDS Number :</p>	<p>DGAC France No. 159</p>	
<p>Foreign AD:</p>	<p>Not Applicable</p>	
<p>Supersedure:</p>	<p>None</p>	
ATA 53	Fuselage – Fuel Draining System – Modification	
<p>Manufacturer(s):</p>	<p>Eurocopter (formerly Eurocopter France, Aerospatiale).</p>	
<p>Applicability:</p>	<p>EC 155 B, EC 155 B1 and SA 366 G1 helicopters, all serial numbers, except those which embody modification 365A084485.00 or modifications 0753C98 and 0745C96.</p> <p>SA 365 N, SA 365 N1, AS 365 N2 and AS 365 N3 helicopters, all serial numbers, except those which embody:</p> <ul style="list-style-type: none"> - modifications 0753C98 and 0745C96 and, if a 6th fuel tank is installed, modification 365A081003.00, or - modification 365A084485.00 and, if a 6th fuel tank is installed, modification 365A081003.00. 	
<p>Reason:</p>	<p>Closure of fuel tank drains with plugs has been implemented during production on AS 365, EC 155, SA 365 and SA 366 helicopters to fulfil emergency buoyancy needs.</p> <p>It has been identified that this closure disregards compliance with an airworthiness certification requirement.</p> <p>In case of fuel leakage in flight, a closed fuel drain creates the risk of fuel accumulation and/or migration to an adjacent area. This area can contain electrical equipment susceptible of constituting a source of ignition.</p> <p>This condition, if not corrected, could result in ignition of fuel vapours, resulting in a fire and consequent damage to the helicopter, or injury to its occupants.</p> <p>For the reasons described above, this AD requires modification of the draining system of fuel tank compartments.</p>	
<p>Effective Date:</p>	<p>14 October 2011</p>	

<p>Required Action(s) and Compliance Time(s):</p>	<p>Required as indicated, unless accomplished previously:</p> <p>(1) Within the compliance time specified in Table 1 of this AD, as applicable to helicopter configuration, modify the fuel tank draining system in accordance with the accomplishment instructions of Eurocopter Emergency Alert Service Bulletin (ASB) AS365 No. 53.00.50 revision 1, EC155 ASB No. 53A031 revision 1 or AS366 ASB No. 53.11 revision 1, as applicable to helicopter version.</p> <p style="text-align: center;">Table 1</p> <table border="1" data-bbox="574 461 1466 667"> <thead> <tr> <th data-bbox="574 461 978 539">Helicopter configuration</th> <th data-bbox="979 461 1466 539">Compliance time (after the effective date of this AD)</th> </tr> </thead> <tbody> <tr> <td data-bbox="574 542 978 620">equipped with emergency buoyancy Fixed Parts (FP)</td> <td data-bbox="979 542 1466 620">within 24 months</td> </tr> <tr> <td data-bbox="574 622 978 667">not equipped with buoyancy FP</td> <td data-bbox="979 622 1466 667">within 110 flight hours</td> </tr> </tbody> </table> <p>(2) Modification of a helicopter accomplished before the effective date of this AD, in accordance with Eurocopter AS365 ASB No. 53.00.50, EC155 ASB No. 53A031 or AS366 ASB No. 53.11 at original issue, as applicable to helicopter version, is acceptable to comply with the requirements of paragraph (1) of this AD for that helicopter.</p>	Helicopter configuration	Compliance time (after the effective date of this AD)	equipped with emergency buoyancy Fixed Parts (FP)	within 24 months	not equipped with buoyancy FP	within 110 flight hours
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equipped with emergency buoyancy Fixed Parts (FP)	within 24 months						
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<p>Ref. Publications:</p>	<p>Eurocopter AS365 ASB No. 53.00.50 revision 1, dated 21 September 2011. Eurocopter EC155 ASB No. 53A031 revision 1, dated 21 September 2011. Eurocopter AS366 ASB No. 53.11 revision 1, dated 21 September 2011.</p> <p>The use of later approved revisions of these documents 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 (STDI) - Aéroport de Marseille Provence 13725 Marignane Cedex, France. Telephone +33 (0) 4 42 85 97 97, Fax +33 (0) 4 42 85 99 66 E-mail: Directive.technical-support@eurocopter.com. 						