


<b>EASA</b>	<b>EMERGENCY AIRWORTHINESS DIRECTIVE</b>	
	<p><b>AD No.: 2008-0219-E</b></p> <p><b>Date: 11 December 2008</b></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 4(4) exemption].</p>		
<p><b>Type Approval Holder's Name :</b></p> <p>EUROCOPTER</p>		<p><b>Type/Model designation(s) :</b></p> <p>AS 332 and EC 225 helicopters</p>
<p>TCDS Number : EASA.R.002</p>		
<p>Foreign AD : Not applicable</p>		
<p>Supersedure : This AD supersedes EASA Emergency AD 2007-0090-E dated 05 April 2007.</p>		
<b>ATA 53</b>		
<b>Fuselage - Intermediate Gear Box (IGB) Fairing Gutter - Check / Replacement</b>		
<p>Manufacturer(s): EUROCOPTER. (formerly EUROCOPTER France).</p>		
<p><b>Applicability:</b></p> <p>AS 332 C, AS 332 C1, AS 332 L, AS 332 L1 and AS 332 L2 helicopters, all serial numbers, if modified during production with MOD 0725356 (installation of a gutter on the IGB fairing) or in-service with Eurocopter AS332 Service Bulletin (SB) 53.01.10 (at any revision), except those that have been modified during production with MOD 0726599 (improvement of gutter attachment on IGB fairing) or in-service with Eurocopter AS332 SB 53.01.56.</p> <p>EC225 LP helicopters, all serial numbers, except those that have been modified during production with MOD 0726599 or in-service with Eurocopter EC225 SB 53-007.</p>		
<p><b>Reason:</b></p> <p>During 2005, a helicopter experienced separation of the IGB fairing gutter, resulting in interference with the inclined drive shaft. This condition, if not corrected, can lead to failure of the drive shaft, causing loss of the tail rotor drive and consequent reduced control of the helicopter. To address this situation, DGAC France issued AD F-2005-116 to require a one-time check and, in case of discrepancies, reconditioning of the affected fairing gutter.</p> <p>Following another report of gutter separation, EASA issued Emergency AD 2007-0090-E, superseding DGAC France AD F-2005-116R1, and required initial and repetitive checks to make sure that the IGB fairing gutter is correctly secured and does not come into contact with the tail rotor inclined drive shaft.</p> <p>Recently, interference was discovered between the angle section of the IGB fairing and the inclined drive shaft. This interference was due to total separation of the angle section which is riveted to the IGB fairing and came</p>		

	<p>into contact with the inclined drive shaft. The investigations conducted on the affected IGB fairing by Eurocopter revealed a more extensive problem concerning the riveting of the gutter.</p> <p>For the reasons described above, this new EASA AD retains the requirements of EASA Emergency AD 2007-0090-E, which is superseded, expands the applicability to include other AS 332 helicopter models, and requires more extensive repetitive checks of the IGB fairing gutter and, in case of discrepancies, replacement of damaged parts. In addition, this AD provides an optional terminating action for the repetitive checks.</p>
Effective Date:	15 December 2008
Required Action(s) and Compliance Time(s):	<p>Required as indicated, unless accomplished previously:</p> <ol style="list-style-type: none"> <li>(1) Within 15 flight hours (FH) after the last check as required by EASA AD 2007-0090-E or after the effective date of this AD, whichever occurs first, and thereafter at intervals not exceeding 165 FH, accomplish the checks of the IGB fairing gutter in accordance with the instructions of paragraph 2.B of AS332 Alert Service Bulletin (ASB) 53.01.47 Revision 1 or EC225 ASB 53A001 Revision 1, as applicable to helicopter version.</li> <li>(2) If discrepancies are found during any of the checks as required by paragraph (1) of this AD, before next flight, perform the corrective actions in accordance with the instructions of paragraph 2.B of referenced AS332 ASB 53.01.47 Revision 1 or EC225 ASB 53A001 Revision 1, as applicable to helicopter version.</li> </ol> <p><b>Optional modification:</b></p> <ol style="list-style-type: none"> <li>(3) After modification of a helicopter in accordance with Eurocopter AS332 SB 53.01.56 or EC225 SB 53-007, as applicable to helicopter version, the repetitive checks of this AD are no longer required for that helicopter.</li> </ol>
Ref. Publications:	<p>Eurocopter AS332 ASB 53.01.47 R1 and EC225 ASB 53A001 R1, both dated 09 December 2008.</p> <p>Eurocopter AS332 SB 53.01.56 and EC225 SB 53-007, both dated 09 December 2008.</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"> <li>1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.</li> <li>2. The safety assessment has requested not to implement the full consultation process and an immediate publication and notification.</li> <li>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>.</li> <li>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 (4) 12 85 97 97; facsimile +33 (4) 85 99 66; E-mail: <a href="mailto:Directive.technical-support@eurocopter.com">Directive.technical-support@eurocopter.com</a></li> </ol>