


<b>EASA</b>	<b>EMERGENCY AIRWORTHINESS DIRECTIVE</b>
	<p><b>AD No.: 2009-0274-E</b></p> <p><b>Date: 18 December 2009</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 14(4) exemption].</p>	
<p><b>Type Approval Holder's Name :</b> Agusta S.p.A</p>	<p><b>Type/Model designation(s) :</b> A109A, A109All, A109C, A109K2 Helicopters</p>
TCDS Number:	EASA R.005
Foreign AD:	Not applicable
Supersedure:	None
<b>ATA 62</b>	<b>Main Rotor - Fixing Bolts of the Scissor Fitting Assembly - Inspection/Replacement</b>
Manufacturer(s):	Agusta S.p.A
Applicability:	A109A, A109All, A109C, A109K2 helicopters all serial numbers
Reason:	<p>A failure of a two bolts p/n 109-0101-78-5 on one A109K2 helicopter has been reported to Agusta S.p.A.. The investigation carried out by Agusta S.p.A. has identified that the failure has been originated by the inadequate information reported in the technical publications related to the configuration of the main rotor scissor fitting installation. Failure of these bolts might lead to the loss of control of the helicopter.</p> <p>To prevent this unsafe condition, Agusta S.p.A. has issued two Alert Technical Bulletins (as applicable for the different models) with the proper installation procedure of the main rotor scissor fitting.</p> <p>This Emergency AD requires the inspection of the main rotor scissor fitting for checking its proper installation and if found not to be properly installed, mandates the replacement of the bolts p/n 109-0101-78-5 in accordance with Mandatory Alert Bolletino Tecnico (BT) Agusta. N° 109K-53 or Mandatory Alert BT Agusta N° 109-131.</p>
Effective Date:	20 December 2009

<p>Required action(s) and Compliance Time(s):</p>	<p>Required as indicated, unless accomplished previously:</p> <ul style="list-style-type: none"> <li>• within 5 flight hours after the effective date of this AD, inspect the main rotor scissor fitting assembly for checking its proper installation in accordance with Agusta Mandatory Alert BT 109-131 for A109A, A109All, A109C and Agusta Mandatory Alert BT 109K-53 for A109K2; and</li> <li>• if the main rotor scissor fitting assembly is not properly installed, within 25 flight hours after the effective date of this AD but not later than 30 April 2010, replace the bolts p/n 109-0101-78-5 and the two washers p/n NAS1149C0463R and p/n NAS1149C0432R in accordance with Agusta Alert Mandatory BT 109-131 for A109A, A109All, A109C and Agusta Alert Mandatory BT 109K-53 for A109K2.</li> </ul>
<p>Ref. Publications:</p>	<p>Agusta Alert Mandatory Bollettino Tecnico 109K-53 dated 18 December 2009.</p> <p>Agusta Alert Mandatory Bollettino Tecnico 109-131 dated 18 December 2009.</p>
<p>Remarks :</p>	<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 questions concerning the technical content of the requirements in this AD, please contact:   Agusta S.p.a. Customer Support  Via del Gregge, 100 - 21015 Lonate Pozzolo (VA) – Italy  Phone + 39 0331- 664396  Fax: + 39 0331 664680  E-mail: <a href="mailto:custserv@agustawestland.com">custserv@agustawestland.com</a>.</li> </ol>