

<b>EASA</b>	<b>AIRWORTHINESS DIRECTIVE</b>
	<p><b>AD No.: 2012-0208</b></p> <p><b>Date: 05 October 2012</b></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 748/2012, Part 21.A.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>Design Approval Holder's Name :</b></p> <p>AGUSTAWESTLAND S.p.A.</p>	<p><b>Type/Model designation(s) :</b></p> <p>A109, AW109, A119 and AW119 helicopters</p>
TCDS Number:	EASA.R.005
Foreign AD:	Not applicable
Supersedure:	None
<b>ATA 62</b>	<b>Rotor – Main Rotor Lag Damper – Identification / Replacement</b>
Manufacturer(s):	AgustaWestland S.p.A (formerly Agusta S.p.A.), AgustaWestland Philadelphia Corporation (formerly Agusta Aerospace Corporation).
Applicability:	A109LUH, A109S, AW109SP, A119, and AW119MKII helicopters, all serial numbers (s/n).
Reason:	<p>Cases of in-flight fracture of rod end assembly part number (P/N) M004-01H007-045, installed on the main rotor lag dampers, have been reported on an A109LUH helicopter and on an AW109SP helicopter.</p> <p>The investigation of these occurrences has led AgustaWestland to identify two batches of rod end assemblies P/N M004-01H007-041 and P/N M004-01H007-045 which could be potentially affected by cracks.</p> <p>This condition, if not detected and corrected, could ultimately lead to main rotor damage, possibly resulting in loss of control of the helicopter.</p> <p>For the reasons described above, this AD requires a one-time inspection of the rod end assemblies P/N M004-01H007-041 and P/N M004-01H007-045 to identify the relevant s/n's and replacement of the affected parts.</p>
Effective Date:	12 October 2012

<p>Required Action(s) and Compliance Time(s):</p>	<p>Required as indicated, unless accomplished previously:</p> <ol style="list-style-type: none"> <li>(1) Within 25 flight hours or 3 months, whichever occurs first after the effective date of this AD, inspect the rod end assemblies P/N M004-01H007-041 and P/N M004-01H007-045 of the four lag dampers, P/N 109-0112-39-103 or P/N 109-0112-39-105 or P/N 109-0112-05-105 or P/N 109-0112-05-107, to identify the s/n of each rod end assembly in accordance with the instructions of AgustaWestland Bollettino Tecnico (BT) 109L-053, BT 109S-49, BT 109SP-052 or BT 119-50, as applicable, depending on helicopter model.</li> <li>(2) If, during the inspection as required by paragraph (1) of this AD, the identified s/n is between 84 and s/n 132 (inclusive) or between s/n 4964 and s/n 5011 (inclusive), before next flight replace the affected rod end assembly with a serviceable part in accordance with the instructions of AgustaWestland BT 109L-053, BT 109S-49, BT 109SP-052 or BT 119-50, as applicable, depending on helicopter model.</li> </ol> <p>Note: For the purpose of this AD, a serviceable part is a rod end assembly P/N M004-01H007-041 or P/N M004-01H007-045, whose s/n is <u>not</u> between 84 and 132 (inclusive) and <u>not</u> between 4964 and 5011 (inclusive).</p> <ol style="list-style-type: none"> <li>(3) From the effective date of this AD, do not install on any helicopter a rod end assembly P/N M004-01H007-041 or P/N M004-01H007-045 with a s/n that is between 84 and 132 (inclusive) or between 4964 and 5011 (inclusive).</li> </ol>
<p>Ref. Publications:</p>	<p>AgustaWestland BT 109L-053 dated 03 October 2012.  AgustaWestland BT 109S-49 dated 03 October 2012.  AgustaWestland BT 109SP-052 dated 03 October 2012.  AgustaWestland BT 119-50 dated 03 October 2012.</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"> <li>1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.</li> <li>2. Based on the required actions and the compliance time, EASA have decided to issue a Final AD with Request for Comments, postponing the public consultation process until after publication.</li> <li>3. Enquiries regarding this AD should be referred to the Safety Information Section, Executive 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: Agusta S.p.A. Customer Support  Via del Gregge, 100 - 21015 Lonate Pozzolo (VA) – Italy  Telephone + 39 0331 664600 ; Fax: + 39 0331 664684  E-mail: <a href="mailto:custserv@agustawestland.com">custserv@agustawestland.com</a>.</li> </ol>