


EASA	EMERGENCY AIRWORTHINESS DIRECTIVE
	<p>AD No.: 2009-0232-E</p> <p>Date: 27 October 2009</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>Type Approval Holder's Name :</p> <p>Agusta S.p.A.</p>	<p>Type/Model designation(s) :</p> <p>A109S and A109E helicopters</p>
<p>TCDS Number : EASA.R.005</p>	
<p>Foreign AD : Not applicable</p>	
<p>Supersedure : None</p>	
ATA 67	Rotors Flight Control – Tail Rotor (T/R) Adjustable Rod Assembly – Identification / Replacement
<p>Manufacturer(s):</p>	<p>Agusta S.p.A.</p>
<p>Applicability:</p>	<p>A109S and A109E helicopters, all serial numbers, with T/R adjustable rod assembly Part Number (P/N) 109-0032-08-1.</p>
<p>Reason:</p>	<p>A case of in-flight failure of the tail rotor adjustable rod assembly P/N 109-0032-08-101 has been reported on an AW119MKII helicopter.</p> <p>Subsequent investigations revealed that the failure was caused by a production problem. EASA issued Emergency AD 2009-0231-E to address and correct that unsafe condition.</p> <p>Further investigations carried out by Agusta S.p.A. resulted in the identification of two batches of tail rotor adjustable rod assembly P/N 109-0032-08-1, intended for installation on A109S and A109E helicopters, that may also be affected by the same defect.</p> <p>This condition, if not detected and corrected, could cause further cases of in-flight T/R adjustable rod assemblies failure, resulting in damage to the tail rotor controls and consequent loss of control of the helicopter.</p> <p>For the reason described above, this AD requires the identification of the installed T/R adjustable rod assembly P/N 109-0032-08-1 to establish the batch number of the part and, in case one of the affected parts is installed, the replacement with a serviceable T/R adjustable rod assembly with the same P/N 109-0032-08-1, having a batch number other than those listed in Agusta</p>

	Alert BT 109S-33 for A109S models and 109EP-103 for A109E models.
Effective Date:	27 October 2009
Required Action(s) and Compliance Time(s):	<p>Required as indicated, unless accomplished previously:</p> <ol style="list-style-type: none"> (1) Before next flight after the effective date of this AD, identify the batch number of the installed T/R adjustable rod assembly P/N 109-0032-08-1 in accordance with the instructions of Agusta Alert BT 109S-33 (for A109S) and 109EP-103 (for A109E). (2) In case the batch number of the rod is: 786612 or 786613, before next flight, replace the affected part with a serviceable T/R adjustable rod assembly with a different batch number. (3) From the effective date of this AD, do not install a T/R adjustable rod assembly P/N 109-0032-08-1 with batch number 786612 or 786613 on any helicopter. <p>Note: The parts of the two batches 786612 and 786613 have been delivered (installed on helicopters or as spare parts) from 01 July 2008.</p>
Ref. Publications:	Agusta Alert Bollettino Tecnico 109S-33 dated 26 October 2009 and 109EP-103 dated 26 October 2009.
Remarks:	<ol style="list-style-type: none"> 1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. The safety assessment has requested not to implement the full consultation process and an immediate publication and notification.. 3. Enquiries regarding this AD should be referred to the Airworthiness Directives, Safety Management & Research Section, Certification Directorate, EASA. E-mail ADs@easa.europa.eu . 4. For any question concerning the technical content of the requirements in this AD, please contact: Agusta S.p.A. Customer Support – Via per Tornavento, 15 21019 Somma Lombardo (VA) – Italy; Telephone + 39 0331 940396; Fax: + 39 0331 711180; E-mail: custserv@agustawestland.com .