


EASA	AIRWORTHINESS DIRECTIVE	
	<p style="text-align: center;">AD No : 2007-0231</p> <p style="text-align: center;">Date: 23 August 2007</p>	
No person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of that Airworthiness Directive unless otherwise agreed with the Authority of the State of Registry.		
Type Approval Holder's Name :	Type/Model designation(s) :	
Agusta S.p.a.	A109E and A119 helicopters	
TCDS Number: EASA R.005		
Foreign AD: Not applicable		
Supersedure: This Airworthiness Directive (AD) supersedes EASA AD 2007-0038.		
ATA 29	Hydraulic Power – Hydraulic Pipes P/N's 109-0761-64-103 and 109-0761-65-103 – Inspection / Replacement	
Manufacturer(s):	Agusta S.p.a.	
Applicability:	Model A109E helicopters, all serial numbers; and Model A119 helicopters, all serial numbers, if hydraulic pipes with Part Number (P/N) /n 109-0761-64-103 or P/N 109-0761-65-103 are installed.	
Reason:	<p>Some cases of interference between the hydraulic pipe with P/N 109-0761-65-103 and the tail rotor control rod assembly have been detected on A109E helicopters, Agusta issued the "Bollettino Tecnico" 109EP-73 and 119-22, in order to provide instructions to check for possible interference in the affected area and also to introduce two new pipes p/n 109-0763-96-101 and p/n 109-0763-97-101, that coupled with a new fixing method allow increasing the clearance between pipes and the tail rotor control rod assembly.</p> <p>The interference, if not corrected, could damage the hydraulic pipes and lead to the loss of the hydraulic system N° 1 in flight.</p> <p>This AD, which supersedes EASA AD 2007-0038 taking over its requirements, is issued to extend the same mandatory corrective actions to A119 model due to its design similarity with A109E.</p>	
Effective Date:	06 September 2007	

Compliance:	<p>Required as indicated, unless previously accomplished:</p> <p>(1) - For A109E helicopters: Within the next 50 flight hours after 07 March 2007 [the effective date of AD 2007-0038]; or - For A119 helicopters: Within the next 50 flight hours after the effective date of this directive, as applicable: Inspect the hydraulic pipes with p/n 109-0761-64-103 and p/n 109-0761-65-103 in accordance with Part I of Agusta Bollettino Tecnico (BT) 109EP-73 or BT 119-22, as applicable;</p> <p>(2) Thereafter, at intervals not to exceed 100 flight hours, repeat the inspection as required in paragraph (1) of this directive;</p> <p>(3) When, during any of the inspections as required by paragraphs (1) and (2) of this directive, interference is found between the hydraulic lines and the tail rotor control rod assembly, before next flight, perform the corrective actions in accordance with Part II of Agusta BT 109EP-73 or BT 119-22, as applicable;</p> <p>(4) - For A109E helicopters: Not later than 30 November 2007; or - For A119 helicopters: Not later than 31 July 2008, as applicable: Replace the hydraulic pipes p/n 109-0761-64-103, and p/n 109-0761-65-103 by new pipes p/n 109-0763-96-101 and p/n 109-0763-97-101 in accordance with Part II of Agusta BT 109EP-73 or BT 119-22, as applicable;</p> <p>Note: Installation of new pipes p/n 109-0763-96-101 and p/n 109-0763-97-101 is a terminating action for the inspection requirements of paragraphs (1) and (2) of this directive.</p> <p>(5) After 30 November 2007, no person shall install hydraulic pipes with p/n 109-0761-64-103 and p/n 109-0761-65-103 on any Agusta A109E helicopter;</p> <p>(6) After 31 July 2008, no person shall install hydraulic pipes with p/n 109-0761-64-103 and p/n 109-0761-65-103 on any Agusta A119 helicopter.</p>
Ref. Publications:	Agusta Bollettino Tecnico 109EP-73 and 119-22 at original issue or later approved revisions.
Remarks :	<ol style="list-style-type: none"> 1. If requested and appropriately substantiated the responsible EASA manager for the related product has the authority to accept Alternative Methods of Compliance (AMOCs) for this AD. 2. This AD was posted on 13 July 2007 as PAD 07-123 for consultation until 27 July 2007. No comments were received during the consultation period. 3. Enquiries regarding this AD should be referred to the AD Focal Point - 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; Phone: + 39 0331 711296; Fax: +39 0331 711180; E-mail: custserv@it.agusta.com