

EASA	EMERGENCY AIRWORTHINESS DIRECTIVE	
	AD No.: 2007 – 0306-E Date: 14 December 2007	
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, A109K2 and A109C Helicopters
TCDS Number : EASA R.005		
Foreign AD : Not applicable		
Supersedure : None		
ATA 62	Rotor - Main Rotor Blade Tip Cap p/n 709-0103-29-109 – Inspection	
Manufacturer(s):	Agusta S.p.A.	
Applicability:	All Agusta A109E, A109K2, A109C helicopters having installed (and/or stored as spare parts) the Main Rotor Blades p/n 709-0103-01 equipped with tip cap p/n 709-0103-29-109.	
Reason:	<p>A case of loss of a part of the tip p/n 709-0103-29-109 of the main rotor blade p/n 709-0103-01 has been reported on an A109E helicopter model, with subsequent increase of the helicopter vibratory level.</p> <p>The cause of this loss is the fracture of the welded bead (joint line of shells) of the tip leading edge.</p> <p>For the reasons described above, this EASA Emergency Airworthiness Directive (AD) requires a visual inspection with the aid of a magnifying glass (and with DYE penetrant method in case of doubt) for cracks of the tip cap leading edge (welded joint line of shells).</p>	
Effective Date:	18 December 2007	

Compliance:	<p>Required as indicated:</p> <ul style="list-style-type: none"> - For Tip Cap p/n 709-0103-29-109 that have accumulated more than 600 (six hundred) flight hours: Within the next 5 flight hours but not later than 31 January 2008 whichever occurs first after the effective date of this AD and subsequently every 50 flight hours; inspect the Tip Cap in accordance with the instructions of the Agusta Alert Bollettino Tecnico (BT) 109EP-85 for A109E, BT 109K-48 for A109K2 and 109-125 for A109C, as applicable. - For Tip Cap p/n 709-0103-29-109 that have accumulated less than 600 (six hundred) flight hours: Within and not later than 600 flight hours inspect the Tip Cap in accordance with the instruction of Agusta Alert Bollettino Tecnico (BT) 109EP-85 for A109E, BT 109K-48 for A109K2 and 109-125 for A109C, as applicable. - If the main rotor blade does have presence of cracks on the tip cap, before further flight, remove it from service and immediately report to Agusta for instructions.
Ref. Publications:	<p>Agusta - Alert Service Bulletins 109EP-85, 109K-48 and 109-25.</p> <p>The use of later approved revisions of this document is acceptable to comply with the requirements of this AD.</p>
Remarks :	<ol style="list-style-type: none"> 1.If requested and appropriately substantiated, EASA can accept 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 Airworthiness Directive should be referred to the Airworthiness Directive Focal Point – Certification Directorate, EASA. E-mail: ADs@easa.europa.eu . 4.For any questions 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.