


EASA	AIRWORTHINESS DIRECTIVE	
	<p>AD No : 2006 - 0117</p> <p>Date: 08 May 2006.</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-Westland	EH-101-510	
TCDS Number : ENAC Italy A 326		
Foreign AD : None		
Supersedure : None		
ATA 64	Tail Rotor - Tail Rotor Hub - Inspection	
Manufacturer(s):	Agusta-Westland	
Applicability:	EH-101-510-002 helicopter.	
Reason:	<p>Some cracks on the tail rotor half hub P/N EA6420D564-045 central plate have been found on the said component installed on different version of EH101. Based on the information collected until now, the problem was identified only in the central part of the T/R half-hub P/N EA6420D564-045. The flight loads generate a crack in the resin and this crack is evident from the corresponding one in the surface paint.</p> <p>If no corrective action is taken the crack could potentially propagate from the resin to the composite fibres. Although those cracks would become evident during the inspection defined in the Periodic Inspection Manual (hence no airworthiness issue is envisaged that could compromise the safe use of the A/C), the Agusta Service Bulletin mandated by this AD has the primary aim to collect evidence from different tail rotor half hubs fitted on civil aircraft so as to contribute defining length acceptability criteria for further airworthiness action.</p>	
Effective Date:	19 May 2006	
Compliance:	The following measures are rendered mandatory, unless already accomplished, as from the effective date of this AD:	

	<p>1. After the receipt of this AD, within 100 running hours, the instruction for inspection of SB EH101-64-045 shall be applied to the composite Tail Rotor Hubs.</p> <p>2. The inspection will be repeated every 200 running hours.</p>
Ref. Publications:	Agusta-Westland Service Bulletin EH101-64-045 or later approved revisions.
Remarks:	<p>1. If requested and appropriately substantiated the responsible EASA manager for the related product has the authority to accept Alternative Method of Compliance (AMOCs) for this AD.</p> <p>2. This AD was posted as PAD 06-058 for consultation on 14 March 2006 with a comment period until 29 March 2006. No comment was raised during the consultation period.</p> <p>3. Enquiries regarding this Airworthiness Directive should be referred to Mr. M. Capaccio, Airworthiness Directive Focal Point – Certification Directorate, EASA. E-mail: ADs@easa.eu.int</p> <p>4. For any questions concerning the technical content of the requirements in this AD, please contact: Agusta S.p.a. EH101 Chief Project Engineering; Phone + 39 0331 229 742 ; Fax : +39 0331 229747 ; E-mail : g.puricelli@it.agusta.com.</p>