


EASA	EMERGENCY AIRWORTHINESS DIRECTIVE	
	AD No.: 2006 – 0133-E	
	Date: 22 May 2006	
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 : AGUSTA S.p.A.		Type/Model designation(s): EH-101-510
TCDS Number: ENAC Italy A 326		
Foreign AD Nr: None		
Supersedure: None		
ATA 63	Rotor Drive - Main Gear Box – Inspection/Replacement	
Manufacturers:	Agusta S.p.A.	
Applicability:	EH-101-510-002 helicopter.	
Reason:	<p>On one military helicopter, version EH101A, a crack was found under routine inspection on the cover P/N A6320B162-103 of the Main Gear Box (MGB) cross valve. The cover P/N EA6320B162-103 is the same used on civil EH101(-510) version. The concerned cracked cover was found without primer finishing and with oversized O-rings.</p> <p>Should the cover break completely, then MGB oil leakage can occur, with severe oil loss in a few minutes period.</p> <p>To prevent that a crack under similar circumstances develops on civil aircraft, the following measures are rendered mandatory as per the compliance section of this AD.</p>	
Effective Date:	23 May 2006	
Compliance:	<p>The following measures are rendered mandatory, unless already accomplished, as from the effective date of this AD:</p> <ol style="list-style-type: none"> 1. At the receipt of this AD a post flight inspection of the cross valve cover P/N EA6320B162-103 shall be executed after each flight in accordance 	

	<p>with procedures defined in Agusta Alert S.B. EH101-A63-044 .</p> <ol style="list-style-type: none"> 2. Within 50 RH's from receipt of this AD, replace the cover P/N: EA6320B162-103 with a new one, same P/N, which constitutes terminating action for compliance with this AD for helicopters in service. 3. For Main Gear Boxes in storage: before installing the MGB on the A/C replace the cover EA6320B162-103 fitted on the MGB with a new one and insert appropriate entry of compliance with this AD in the MGB documentation.
Ref. Publications:	Agusta-Service Alert Bulletin EH101-A63-044 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 method of Compliance (AMOCs) for this AD. 2. The safety assessment has request not to implement the full consultation process and an immediate publication and notification. 3. Enquiries regarding this Airworthiness Directive should be referred to Mr. M. Capaccio, 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. EH101 - Chief Project Engineering; Phone: +39 033 1229742; Fax: +39 0331 229747; E-mail: g.puricelli@it.agusta.com.