


EASA	EMERGENCY AIRWORTHINESS DIRECTIVE	
	<p>AD No.: 2006 - 0183-E</p> <p>Date: 29 June 2006</p>	
<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.</p>		
<p>Type Approval Holder's Name:</p> <p>EUROCOPTER</p>	<p>Type/Model designation(s):</p> <p>AS 350 Helicopters</p>	
<p>TCDS Number: EASA.R.008</p>		
<p>Foreign AD: None.</p>		
<p>Supersedes: DGAC AD F-2004-045 (EASA approval 2004-3060)</p>		
<p>ATA 76</p>	<p>Engine Controls – Twist Grip Assembly – Inspection/Replacement</p>	
<p>Manufacturer:</p>	<p>EUROCOPTER (formerly EUROCOPTER-FRANCE, AEROSPATIALE)</p>	
<p>Applicability:</p>	<p>AS 350 B3 helicopters equipped with twist grips post-MOD 073084 and not modified per MOD 073222 (new solenoid).</p> <p>Helicopters modified per modification 073261 which is embodied only on helicopters equipped with the ARRIEL 2B1 engine, are not concerned by this AD.</p> <p>Note: This Airworthiness Directive (AD) is intended for maintenance personnel and flight crews.</p>	
<p>Reason:</p>	<p>The purpose of this AD is to preclude the risk of losing the emergency governing function due to possible seizure of the twist grip after prolonged use of the emergency governing.</p> <p>A case of twist grip seizure recently occurred in flight, during a governor failure in-flight training session. The helicopter sustained a hard landing.</p> <p>Consequently, pending the embodiment of modification 073222, compliance with the measures specified in EUROCOPTER AS 350 Alert Service Bulletin (ASB) No. 05.00.44 is mandatory, in order to:</p> <ul style="list-style-type: none"> - limit consecutive operation of the solenoid and stipulate that you must observe a minimum waiting period between two operations of the solenoid during governor failure in-flight training, 	

	<p>- replace the solenoid in case of prolonged operation in the event of an actual governor failure.</p> <p>This AD supersedes DGAC AD No. F-2004-045.</p>
Effective Date:	30 June 2006
Compliance:	<p>The following measures are mandatory as from the receipt of this AD:</p> <p>1. In operation:</p> <p>- During the BFF check, "Check before first flight", carry out a functional check of the solenoid, in compliance with the instructions specified in paragraph 2.B.1 of referenced AS 350 ASB No. 05.00.44.</p> <p>- When carrying out governor failure training or in the event of actual governor failure, comply with paragraph 2.B.3 of the referenced ASB.</p> <p>2. Ground maintenance:</p> <p>- When maintenance operations are performed that require the "AUTO/MAN" governing mode selector to be held in the "MAN" position, comply with paragraph 2.B.2 of the referenced ASB.</p> <p>- Replace the solenoid before the next flight if the operating time of the solenoid has exceeded 15 consecutive minutes or if a waiting time of at least 15 minutes between two operations was not observed (even if the solenoid has operated only for a few moments).</p>
Ref. Publications:	EUROCOPTER AS 350 Alert Service Bulletin No. 05.00.44 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 EAD. 2. The safety assessment has requested not to implement the full consultation process and an immediate publication and notification. 3. Enquiries regarding this EAD should be addressed to Mr. M. Capaccio, AD Focal Point, Certification Directorate, EASA. E-mail: ADs@easa.europa.eu 4. For any questions concerning the technical content of the requirements in this EAD, please contact: EUROCOPTER (STDI) - Aéroport de Marseille Provence 13725 Marignane Cedex - France. Tel: 33 (0) 4 42 85 97 97 - Fax: 33 (0) 4 42 85 99 66. E-mail: Directive.technical-support@eurocopter.com