


EASA	AIRWORTHINESS DIRECTIVE	
	AD No: 2006 - 0093	
	Date: 21 April 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: EUROCOPTER		Type/Model designation(s): EC 120 helicopters
TCDS Number: France 189		
Foreign AD: None		
Supersedure: None		
ATA 76	Engine Controls – Twist Grip Assembly	
Manufacturer(s):	EUROCOPTER	
Applicability:	EC 120 B helicopters equipped with a twist grip assembly, part number: <ul style="list-style-type: none"> - C761A2024104 with a serial number below 0418, - C761A2025104 with a serial number below 0382. 	
Reason:	<p>This Airworthiness Directive (AD) is issued following a case experienced during an autorotation training procedure during which the engine remained at idle rating although the twist grip had been turned back to the flight position.</p> <p>Analysis has revealed failure of the twist grip drive tube and control pinion bonded attachment due to non-compliant surface preparation.</p>	
Effective Date:	05 May 2006	
Compliance:	<p>The following measures are rendered mandatory as from the effective date of this AD:</p> <ol style="list-style-type: none"> 1. No later than within 110 flying hours or within 4 months (the first limit reached is applicable), check the bonding between the drive tube and the control pinion of the pilot and copilot collective lever twist grip assembly, by applying a load to the twist grip, in compliance with the instructions specified in paragraphs 2.B.1 and 2.B.2 of referenced EUROCOPTER EC 120 Alert Service Bulletin (ASB) No. 76A006. 	

	<p>2. Interpretation of the results:</p> <p>If the twist grip turns when applying the load to the twist grip:</p> <p>Before resuming flights, replace the corresponding collective lever, in compliance with the instructions specified in paragraph 2.B.3. of the referenced ASB.</p> <p>3. Before installation on a helicopter of a twist grip assembly covered by this AD and held as spares, comply with the instructions specified in paragraph 2.B.4. of the referenced ASB.</p>
Ref. Publications:	<p>EUROCOPTER EC 120 Alert Service Bulletin No. 76A006.</p> <p>or later approved revisions.</p>
Remarks :	<p>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.</p> <p>2. This AD was posted as PAD 06-031 for consultation on 13 February 2006 with a comment period until 28 February 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 question concerning the technical content of the requirements in this AD, please contact EUROCOPTER (Ph. +33 (0)442 85 97 97; Fax +33 (0)442 85 99 96).</p>