


<b>EASA</b>	<b>PROPOSED AIRWORTHINESS DIRECTIVE</b>	
	<p><b>PAD No.: 06 - 187</b></p> <p><b>Date: 18 July 2006</b></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.		
<b>Type Approval Holder's Name:</b> EUROCOPTER		<b>Type/Model designations:</b> EC 130 B4 helicopters
TCDS Number: EASA.R.008		
Foreign AD: None		
Supersedes: DGAC F-2005-145, EASA approval No. 2005-6136		
<b>ATA 76</b>	<b>Engine Controls – Twist Grip Assembly</b>	
Manufacturer(s):	EUROCOPTER	
Applicability:	EUROCOPTER EC 130 helicopters equipped with twist grips not modified per modification 073773.	
Reason:	<p>This Airworthiness Directive (AD) is issued following two reports of twist grip jamming in the "IDLE" position:</p> <ul style="list-style-type: none"> <li>- the first case occurred after landing,</li> <li>- the second case occurred during an autorotation training procedure with engine power recovery. The autorotation procedure was continued without damage until the complete landing of the helicopter.</li> </ul> <p>Analysis has revealed:</p> <ul style="list-style-type: none"> <li>- in the first case: a foreign body (chip) between the roller of the "FLIGHT" micro-switch and the cam, causing the "FLIGHT" micro-switch to jam in the "IDLE" detent,</li> <li>- in the second case: some marks on the cam.</li> </ul> <p>Following these incidents, the DGAC issued AD F-2005-145 to require a functional check of the twist grip assembly at regular intervals.</p>	

	<p>The purpose of this AD, which supersedes AD F-2005-145, is:</p> <ul style="list-style-type: none"> <li>- To cover the replacement of Alert Telex No. 05A003 by an Alert Service Bulletin (ASB) with the same reference number and with no change to the technical content.</li> <li>- To make embodiment of modifications 073773 and 073683 mandatory. Embodiment of these modifications cancels the checks called for in paragraph 1 of this AD.</li> </ul>
Effective Date:	Proposed: 06 September 2006
Compliance:	<p><b>1.</b> The following measures are mandatory as from August 9, 2005, the effective date of AD F-2005-145:</p> <p style="padding-left: 40px;"><b>1.1.</b> Unless already carried out during the previous "100-hour or 12-month" inspection, perform a functional check of the twist grip assembly and check its condition no later than within the next 30 flying hours, then at intervals not exceeding 110 flying hours, in compliance with paragraph 2.B.2. of referenced ASB No. 05A003.</p> <p style="padding-left: 40px;"><b>1.2.</b> Each time you carry out work in the area of the twist grip assembly, which may lead to ingress of chips or foreign bodies, comply with paragraph 2.B.2. of referenced ASB No. 05A003.</p> <p><b>2.</b> The following measures are mandatory as from the effective date of this AD:</p> <p style="padding-left: 40px;"><b>2.1.</b> Twist grip assemblies installed on board: Modify the twist grip assemblies in compliance with paragraph 2.B. of ASB No. 67A009, at the latest by December 31, 2006.</p> <p style="padding-left: 40px;"><b>2.2.</b> Twist grip assemblies held as spares: Before installation on a helicopter or at the latest by December 31, 2006, modify the twist grip assemblies, in compliance with paragraph 2.B.6. of ASB No. 67A009.</p> <p><b>Note:</b> Compliance with the measures specified in paragraph 2 cancels the instructions given in paragraph 1.</p>
Ref. Publications:	<p>EUROCOPTER EC 130 Alert Service Bulletin No. 05A003</p> <p>EUROCOPTER EC 130 Alert Service Bulletin No. 67A009</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>

	<ol style="list-style-type: none"><li>2. The closing date for comments is 8 August 2006.</li><li>3. Enquiries regarding this AD should be addressed to Mr. M. Capaccio, AD Focal Point, Certification Directorate, EASA. E-mail: <a href="mailto:ADs@easa.europa.eu">ADs@easa.europa.eu</a></li><li>4. For any questions concerning the technical content of the requirements in this AD, please contact: EUROCOPTER (STDI) - Aéroport de Marseille Provence 13725 Marignane Cedex - France. Ph: 33 (0) 4 42 85 97 97 - Fax: 33 (0) 4 42 85 99 66. E-mail: <a href="mailto:Directive.technical-support@eurocopter.com">Directive.technical-support@eurocopter.com</a></li></ol>
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