


EASA	AIRWORTHINESS DIRECTIVE
	<p><b>AD No.: 2006 - 0278</b></p> <p><b>Date: 07 September 2006</b></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><b>Type Approval Holder's Name:</b></p> <p>EUROCOPTER</p>	<p><b>Type/Model designations:</b></p> <p>EC 130 helicopters</p>
<p>TCDS Number: EASA.R.008</p>	
<p>Foreign AD: None</p>	
<p>Supersedes: DGAC F-2005-103 R1, EASA approval No. 2005-6113</p>	
<p><b>ATA 53</b></p>	<p><b>Fuselage – Cabin Vibration Dampers – Inspection / Modification</b></p>
<p>Manufacturer:</p>	<p>EUROCOPTER</p>
<p>Applicability:</p>	<p>EUROCOPTER EC 130 B4 helicopters equipped with cabin vibration damper blades, all part numbers, and having never been modified per modification 073565.</p> <p>Note: This Airworthiness Directive (AD) is intended for maintenance personnel and flight crews.</p>
<p>Reason:</p>	<p>This AD is issued following a case of a crack occurrence and a case of failure of a cabin vibration damper blade.</p> <p>In the event of failure of the blade of a cabin vibration damper assembly, the failed part can produce interference with a bellcrank of the flight controls, which could lead to jamming of a flight control.</p> <p>The purpose of this AD, which supersedes AD F-2005-103 R1, is:</p> <ul style="list-style-type: none"> <li>- to cover the replacement of Alert Telex No. 05A002 by an Alert Service Bulletin (ASB) with the same reference number and with no change to the technical content,</li> <li>- to make the embodiment of modification 073565, which is introduced by ASB 53A008, mandatory. This modification consists in installing a cabin vibration damper restraining device to prevent any contact with the flight control components under the cabin floor, should a cabin vibration damper blade fail.</li> </ul>
<p>Effective Date:</p>	<p>21 September 2006</p>

<p>Compliance:</p>	<p><b>1.</b> The following measures are mandatory as from June 15, 2005, the effective date of the original edition of AD F-2005-103:</p> <p><b>1.1.</b> At the latest at the check after the last flight of the day, then at each check after the last flight of the day, carry out visual inspections of the blade of each cabin vibration damper, (vibration dampers located on the RH and LH side of the helicopter) for absence of cracks, in compliance with the instructions specified in ASB No. 05A002.</p> <p><b>1.2.</b> If a crack is found:</p> <p><b>1.2.1.</b> Before resuming flights, replace the cracked blade, in compliance with the instructions specified in ASB No. 05A002.</p> <p><b>1.2.2.</b> After replacement of the cracked blade, repeat visual inspections in compliance with paragraph 1.1. above.</p> <p><b>2.</b> The following measures are mandatory as from the effective date of this AD:</p> <p><b>2.1.</b> For helicopters not modified per MOD 073521 (SB No. 53-006) and MOD 073525 (SB No. 53-007):</p> <p>No later than March 31, 2007 install a vibration damper / casing assembly on the RH and LH side of the helicopter, in compliance with the instructions specified in paragraphs 2.B.1, 2.B.2. and 2.B.5. of ASB No. 53A008.</p> <p><b>2.2.</b> For helicopters modified per MOD 073521 (SB No. 53-006) or MOD 073525 (SB No. 53-007):</p> <p>No later than March 31, 2007 install a vibration damper / casing assembly on the RH and LH side of the helicopter, in compliance with the instructions specified in paragraphs 2.B.1, 2.B.3. and 2.B.5. of ASB No. 53A008.</p> <p><b>Note:</b> Compliance with the measures defined in paragraph 2 above cancels the requirements of paragraph 1.</p>
<p>Ref. Publications:</p>	<p>EUROCOPTER EC 130 Alert Service Bulletin No. 05A002  EUROCOPTER EC 130 Alert Service Bulletin No. 53A008  or later approved revisions.</p>
<p>Remarks:</p>	<ol style="list-style-type: none"> <li>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.</li> <li>2. This AD was posted as PAD 06-191 for consultation on 20 July 2006 with a comment period until 18 August 2006. No comments were raised during the consultation period.</li> <li>3. Enquiries regarding this AD should be addressed to the 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>