	AIRWORTHINESS DIRECTIVE No F-2005-103 R1	Distribution: A	Issue date: August 03, 2005	Page : 1/2
Direction générale de l'aviation civile France GSAC publication	This Airworthiness Directive is published by the DGAC on behalf of EASA, Airworthiness Authority of the State of Design for the affected product, part or appliance.		<i>Translation of « Consigne de Navigabilité » of same number. In case of difficulty, reference should be made to the French issue.</i>	
	<p style="text-align: center;">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>			
Corresponding foreign Airworthiness Directive(s): Not applicable		Airworthiness Directive(s) replaced: F-2005-103 original issue		
Person in charge of airworthiness: EUROCOPTER		Type(s): EC 130 helicopters		
Type certificate(s) No. 84 TCDS No 157				
ATA chapter: 53	Subject: Fuselage - Cabin vibration dampers			

1. EFFECTIVITY:

EC 130 B4 helicopters equipped with cabin vibration damper blades, all part numbers.

Note: This Airworthiness Directive (AD) is intended for maintenance personnel and crews.

2. REASON(S):

This AD is issued following a case of crack occurrence and a case of failure of a cabin vibration damper blade.


In the event of failure of the blade of a cabin vibration damper, the failed part can produce interference with a bellcrank of the flight controls, which could lead to jamming of a flight control.

Revision 1 of this AD:

- covers Revision 1 of the referenced EUROCOPTER EC 130 Alert Telex (AT) which, in particular, introduces a dye penetrant crack detection inspection as a complementary checking method if in doubt as to the result of the visual check,
- modifies the wording of the AD to make it clearer and to introduce more detailed information stating:
 - in the "Effectivity" paragraph, that all the blade part numbers are concerned,
 - in paragraph 3.2., the steps to be taken after replacement of the cracked blade.

3. MANDATORY ACTIONS AND COMPLIANCE TIMES:

The following measures are rendered mandatory as from the effective date of the original edition of this AD.

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3.1. At the latest at the check after the last flight of the day, then at each check after the last flight of the day, check the visible areas of the blade of each cabin vibration damper, (vibration dampers located on the RH side and LH side of the helicopter), for absence of cracks, in compliance with the instructions specified in § 2.B.1. of the AT referenced below.

3.2. If a crack is found:

3.2.1. Before resuming flights, replace the cracked blade in compliance with the instructions specified in § 2.B.1. of the AT referenced below.

3.2.2. After replacement of the cracked blade, continue the crack check in compliance with § 3.1. above.

4. REFERENCE PUBLICATION:

EUROCOPTER EC 130 Alert Telex No. 05A002 R1
(Any subsequent approved revision to this AT is acceptable).

5. EFFECTIVE DATES:

Original edition : Upon receipt of the emergency AD issued on June 15, 2005
Revision 1 : August 13, 2005.

6. REMARK:

For any questions concerning the technical content of the requirements in this AD, please contact:

EUROCOPTER (STXI) – Aéroport de Marseille Provence, 13725 Marignane Cedex – France
Phone: +33 (0)4 42 85 97 97 – Fax: +33 (0)4 42 85 99 66
E-mail: Directive.technical-support@eurocopter.com

7. APPROVAL:

This AD Revision is approved under EASA reference No 2005-6113 dated July 27, 2005.