	AIRWORTHINESS DIRECTIVE No F-2005-158		Distribution: A	Issue date: September 14, 2005 <i>Correction of December 21, 2005</i>	Page : 1/2
	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>		
Direction générale de l'aviation civile France GSAC publication	<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>				
C	Corresponding foreign Airworthiness Directive(s): Not applicable		Airworthiness Directive(s) replaced: None		
	Person in charge of airworthiness: EUROCOPTER		Type(s): AS 350, EC 130 helicopters		
	Type certificate(s) No. 84 TCDS No 157				
ATA chapter: 65		Subject: Tail rotor drive - Tail rotor drive shaft			

This is a correction: corrected lines are marked with the letter 'C' in the margin.

1. EFFECTIVITY:

AS 350 B3 and EC 130 B4 helicopters.

2. REASONS:

This Airworthiness Directive (AD) is issued following the discovery of wear on the tail rotor drive shaft at bearing No. 4 under the elastomer sleeve. The presumed cause is rotation of the sleeve on the shaft.


Wear of the drive shaft could lead to failure of the shaft and loss of the tail rotor drive.

A check of the elastomer sleeves, and in particular, to ensure that there is no rotation of the sleeves on the shaft, has been introduced in the airworthiness limitations section by the revisions referenced below.

3. MANDATORY ACTIONS AND COMPLIANCE TIMES:

The following measures are rendered mandatory from the effective date of this AD:

- 3.1.** Incorporate the revisions referenced below in the maintenance documentation, according to aircraft version.
- 3.2.** Every 110 flying hours, comply with the maintenance operations specified in the referenced revisions, according to aircraft version.

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4. REFERENCE PUBLICATIONS:

AS 350 B3:

- Temporary Revision 005a of the PRE, section 05.99,
- Revision of the Work Card No. 65.10.00.601, paragraph 2.2.3 introduced by rush revision No 23 b of the MET,

C or further approved revisions.

EC 130 B4:

- Temporary Revision 007a of the MSM, chapter 04,
- Revision of the Task No. 65-11-00, 6-2 introduced by Temporary Revision No. 5b of the AMM,

C or further approved revisions.

5. EFFECTIVE DATE:

October 01, 2005.

6. REMARKS:

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

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7. APPROVAL:

This AD is approved under EASA reference No 2005-6222 dated September 06, 2005.