 Direction générale de l'aviation civile France GSAC publication	AIRWORTHINESS DIRECTIVE No F-2005-144 R1		Distribution: A	Issue date: September 14, 2005	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>	
<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: UF-2005-144		
Person in charge of airworthiness: EUROCOPTER			Type(s): AS 365 N, EC 155 helicopters		
Type certificate(s) No. 86 TCDS No 159					
ATA chapter: 64		Subject: Tail rotor - Tail rotor blades check			

1. EFFECTIVITY:

Helicopters:

- SA 365 N1 and AS 365 N2, N3,
 - EC 155 B and B1,
- fitted with tail rotor blades PN 365A12-0000-01 or PN 365A12-0070-00.

2. REASONS:

This Airworthiness Directive (AD) is issued following a case of separation and loss of the (75 mm diameter) stainless steel ring from the tail rotor blade sleeve, which resulted in heavy vibrations, and which could lead to damage to the Fenestron rotor blades and to the loss of the yaw control.

The purpose of this revision 1 is to clarify the wording of the § 3.2. below in order to make the accomplishment instructions easier to understand.

3. MANDATORY ACTIONS AND COMPLIANCE TIMES:

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


3.1. On each tail rotor blade installed on AS 365 and EC 155 helicopters:

No later than within 15 flying hours, check for absence of slippage of the stainless steel ring on the sleeve of each tail rotor blade, in compliance with the instructions specified in § 2.B.1. of the AS 365 and EC 155 Alert Telex (AT) referenced below corresponding to the aircraft version.

3.2. After compliance has been ensured with § 3.1 above, comply with the instructions specified in § 2.B.1. of the AT referenced below corresponding to the aircraft version:

3.2.1. For AS 365 helicopters: at each check after the last flight of the day (ALF), without exceeding 15 flying hours,

3.2.2. For EC 155 helicopters: at each flight-related check (VLV), without exceeding 15 flying hours.

	AIRWORTHINESS DIRECTIVE No F-2005-144 R1	Distribution: A	Issue date: September 14, 2005	Page: 2/2
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3.3. Before installation of tail rotor blades held as spares and having logged flying hours, comply with the instructions specified in § 2.B.1. of the AT referenced below corresponding to the aircraft version.

3.4. Interpretation of the results:

If the stainless steel ring has moved: replace the tail rotor blade concerned before resuming flights.

4. REFERENCE PUBLICATIONS:

EUROCOPTER Alert Telex AS 365 No 05.00.49
EUROCOPTER Alert Telex EC 155 No 05A011
(Any further approved revision of these AT is acceptable).

5. EFFECTIVE DATE:

Original issue and Revision 1: Upon receipt of the Emergency AD issued on August 05, 2005.

6. REMARKS:

This AD at original issue has been the subject an emergency revision on August 05, 2005.

For questions concerning the technical contents of this AD or requirements, contact:

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7. APPROVAL:

This AD Revision is approved under EASA Reference No 2005-6227 dated September 06, 2005.