

	<b>AIRWORTHINESS DIRECTIVE</b> <b>No F-2005-167</b>	Distribution: <b>A</b>	Issue date: <b>November 09, 2005</b>	Page : <b>1/2</b>
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>	
	<b>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>			
Corresponding foreign Airworthiness Directive(s): <b>Not applicable</b>		Airworthiness Directive(s) replaced: <b>UF-2005-167</b>		
Person in charge of airworthiness: <b>EUROCOPTER</b>		Type(s): <b>AS 365 N, SA 366, SA 365 C helicopters</b>		
Type certificate(s) No. <b>86, 80</b> TCDS No <b>159, 153</b>				
ATA chapter: <b>05, 62 (65 for SA 365 C)</b>	Subject: <b>Rotor(s) - Bushes installed on STARFLEX star arm ends</b>			

### 1. EFFECTIVITY:

Helicopters:

- SA 365 N, N1
  - AS 365 N2, N3
  - SA 366 G1
  - SA 365 C, C1, C2 and C3
- } equipped with main rotor hub (MRH) Starflex stars (all part numbers)

### 2. REASONS:

This Airworthiness Directive (AD) is issued following two cases of deterioration of a Starflex star arm end.

In one of these cases, the deterioration caused high-amplitude vibrations in flight, compelling the pilot to carry out a precautionary landing.

### 3. MANDATORY ACTIONS AND COMPLIANCE TIMES:

The following measures are rendered mandatory upon receipt of this AD:

**3.1.** No later than within the next 10 flying hours, then at intervals not exceeding 10 flying hours, visually check the condition of the adhesive beads on the bushes on the Starflex star arm ends, in compliance with the instructions given in § 2.B. of the referenced EUROCOPTER Alert Telex (AT), corresponding to the helicopter version.

#### **3.2.** Result analysis:

If the bonding of a bush has failed or if a star arm end is distorted, remove and replace the Starflex star before resuming flights.



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**4. REFERENCE PUBLICATIONS:**

EUROCOPTER AS 365 N Alert Telex n° 05.00.51  
EUROCOPTER SA 366 Alert Telex n° 05.35  
EUROCOPTER SA 365 C Alert Telex n° 05.28.  
(Any further approved revision of these AT is acceptable).

**5. EFFECTIVE DATE:**

Upon receipt of the emergency AD issued on September 29, 2005.

**6. REMARKS:**

This AD has been the subject of an emergency diffusion on September 29, 2005.

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

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**7. APPROVAL:**

This AD is approved under EASA reference No 2005-6347 dated September 29, 2005.

**SUPERSEDED**