


EASA	EMERGENCY AIRWORTHINESS DIRECTIVE	
	AD No: 2006-0051-E Date: 20 February 2006	
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.		
Type Approval Holder's Name: EUROCOPTER		Type/Model designation(s): AS 365 N – SA 366 – EC 155
TCDS Number: France No. 159		
Foreign AD: None		
Supersedes: None		
ATA: 64	Tail Rotor – Tail Rotor Pitch Control Rod Bearing	
Manufacturer(s):	EUROCOPTER (Formerly EUROCOPTER FRANCE, AEROSPATIALE)	
Applicability:	SA 366 G1, SA 365 N1, AS 365 N2 and N3 and EC 155 B and B1 helicopters, all serial numbers, equipped with a tail rotor pitch control rod double bearing.	
Reason:	<p>This Airworthiness Directive (AD) is issued following the loss of the tail rotor pitch control on a helicopter during a landing phase.</p> <p>This loss of pitch control is due to significant damage to the bearing of the control rod in the tail gearbox (TGB).</p> <p>This can lead to the loss of tail rotor control.</p>	
Effective Date:	20 February 2006	
Compliance:	<p>The following measures are rendered mandatory from the effective date of this AD:</p> <p>1. No later than within 50 flying hours, then at intervals not exceeding 110 flying hours, check using the tail rotor hub (TRH) control plate that there is no end play in the pitch control rod, in compliance with the instructions specified in paragraph 2.B. of the referenced EUROCOPTER Alert Service Bulletin (ASB), corresponding to the aircraft version.</p> <p>2. Interpretation of the result:</p>	

	<p>2.1. If there is no end play in the TRH control plate:</p> <ul style="list-style-type: none"> - Resume flights. <p>2.2. If there is end play in the TRH control plate, for <u>types of helicopters other than EC 155 helicopters</u>:</p> <ul style="list-style-type: none"> - Suspend flights. - Remove and replace the pitch control rod bearing in compliance with the instructions specified in paragraph 2.B.2 of the referenced ASB, corresponding to the aircraft version. <p>2.3. If there is end play in the TRH control plate for <u>EC 155 type helicopters</u>:</p> <ul style="list-style-type: none"> - Suspend flights. - Remove the pitch control rod assembly and replace the bearing in compliance with the instructions specified in Note 1 of paragraph 2.B.2. of the referenced EC 155 ASB.
Ref. Publications:	<p>AS 365 Alert Service Bulletin No. 05.00.52.</p> <p>SA 366 Alert Service Bulletin No. 05.36.</p> <p>EC 155 Alert Service Bulletin No. 05A013.</p> <p>or later approved revisions.</p>
Remarks:	<p>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.</p> <p>2. The safety assessment has requested not to implement the full consultation process and an immediate publication and notification</p> <p>3. Enquiries regarding this AD should be addressed to Mr. M. Capaccio, AD Focal Point, Certification Directorate, EASA. E-mail: ADs@easa.eu.int</p> <p>4. 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. Tél : 33 (0) 4 42 85 97 97 - Fax : 33 (0) 4 42 85 99 66. E-mail : Directive.technical-support@eurocopter.com</p>