


EASA	EMERGENCY AIRWORTHINESS DIRECTIVE
	<p>EAD No: 2006-0084-E</p> <p>Date: April 11, 2006</p>
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): SA 365 C, AS 365 N
TCDS Number: France 159	
Foreign AD: None.	
Supersedes: None.	
ATA 62 or 65	Rotor(s)- Main Rotor - Check of the Main Rotor Hub-to-Mast Bolted Attachment
Manufacturer(s):	EUROCOPTER (formerly EUROCOPTER FRANCE, AEROSPATIALE)
Effectivity:	Helicopters: SA 365 N, N1 and AS 365 N2, N3, SA 365 C, C1, C2, C3, delivered before March 27, 2006, equipped with a main rotor hub-to-main rotor mast (MRH/mast) bolted attachment assembled by EUROCOPTER.
Reason:	<p>This Emergency Airworthiness Directive (EAD) is issued following several reports of tightening torque loss detected on the main rotor hub (MRH)-to-main rotor mast bolted attachment. These findings were made on EUROCOPTER-assembled attachments with less than 300 operating hours.</p> <p>Misinterpretation of the assembly documentation used by EUROCOPTER Marignane may have led to the assembly of these attachments with no grease applied to the nut threads, which leads to a reduction in the tightening loads.</p> <p>A loss of tightening torque can lead to deterioration of the MRH/mast attachment and finally result in the loss of the main rotor.</p>
Effective Date:	On receipt from April 11, 2006.

Compliance:	<p>The following measures are mandatory as from the effective date of this EAD :</p> <ol style="list-style-type: none"> 1. On MRH/mast assemblies covered by the "Effectivity" paragraph, and having logged less than 280 flying hours: <ul style="list-style-type: none"> - Check the tightening torque of the MRH/mast assembly attachment bolts at the latest at 300 flying hours, in compliance with the instructions specified in paragraph 2.B. of the referenced EUROCOPTER Alert Service Bulletin (ASB), corresponding to the aircraft version. 2. On MRH/mast assemblies covered by the "Effectivity" paragraph, and having logged more than 280 flying hours: <ul style="list-style-type: none"> - Check the tightening torque of the MRH/mast assembly attachment bolts within 20 flying hours, in compliance with the instructions specified in paragraph 2.B. of the referenced ASB, corresponding to the aircraft version.
Ref. Publications:	<p>AS 365 N Alert Service Bulletin No. 62.00.22, SA 365 C Alert Service Bulletin No. 65.44, or subsequent approved revisions.</p>
Remarks:	<ol style="list-style-type: none"> 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 EAD. 2. The safety assessment has requested not to implement the full consultation process and an immediate publication and notification. 3. Enquiries regarding this EAD should be addressed to Mr. M. Capaccio, AD Focal Point, Certification Directorate, EASA. E-mail: ADs@easa.eu.int . 4. For any questions concerning the technical content of the requirements in this EAD, please contact: EUROCOPTER (STXI) - Aéroport de Marseille Provence 13725 Marignane Cedex - France. Tel: 33 (0) 4 42 85 97 97 - Fax: 33 (0) 4 42 85 99 66. E-mail: Directive.technical-support@eurocopter.com .