


EASA	AIRWORTHINESS DIRECTIVE	
	AD No. : 2006 - 0146	
	Date: 29 May 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): EC 225 LP
TCDS Number: EASA.R.002		
Foreign AD: None.		
Supersedes: DGAC AD F-2005-179, EASA approval No. 2005-6387		
ATA 77	Engine Indicating – Tests of Torquemeter Printed Circuit Boards (PCBs)	
Manufacturer(s):	EUROCOPTER	
Effectivity:	EUROCOPTER EC 225 LP helicopters with serial numbers below 2626, having logged less than 825 flying hours on the effective date of this Airworthiness Directive (AD).	
Reason:	<p>It was reported an incorrect adjustment of torquemeter printed circuit boards due to an inaccurate estimate of the torque on the engine-to-main gearbox mechanical couplings, which may lead to a lack of engine power in OEI (One Engine Inoperative) configuration or generate an excessive engine speed and early wear of the engine.</p> <p>The purpose of DGAC France AD No. F-2005-179 was to identify and correct the above.</p> <p>This AD supersedes AD No. F-2005-179 and covers the conversion of EUROCOPTER Alert Telex (AT) No. 77A001 into an Alert Service Bulletin (ASB) with the same reference number and no change to the technical content.</p> <p>This AD mandates no additional action with respect to AD F-2005-179.</p>	
Effective Date:	12 June 2006	

Compliance:	<p>Unless already taken, the following measures are mandatory as from October 28, 2005, the effective date of AD No. F-2005-179:</p> <p>Within 15 flying hours, make sure that the parameters of each main gearbox (MGB) torque meter shaft are correctly recorded on the equipment log card (FME) of the MGB main module. Then adjust the torque meter PCBs, and if necessary, carry out an engine power check in compliance with the instructions given in paragraph 2.B. of referenced EUROCOPTER EC 225 LP Alert Service Bulletin No. 77A001.</p>
Ref. Publications:	<p>EUROCOPTER EC 225 LP Alert Service Bulletin No. 77A001 or later approved revision.</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 Method of Compliance (AMOCs) for this AD. 2. This AD was posted as PAD 06-110 for consultation on 20 April 2006 with a comment period until 28 April 2006. No comment was raised during the consultation period. 3. Enquiries regarding this Airworthiness Directive should be referred to Mr. M. Capaccio, Airworthiness Directive Focal Point - Certification Directorate, EASA. E-mail: ADs@easa.europa.eu. 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. Tel: 33 (0) 4 42 85 97 97 - Fax: 33 (0) 4 42 85 99 66. E-mail: Directive.technical-support@eurocopter.com