

EASA	AIRWORTHINESS DIRECTIVE
	<p>AD No.: 2008-0064 R1</p> <p>Date: 15 April 2008</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 DEUTSCHLAND GmbH	Type/Model designation(s) : EC135 and EC635 helicopters
TCDS Number: EASA R.009	
Foreign AD: Not applicable	
Revision: This Airworthiness Directive (AD) revises and replaces EASA AD 2008-0064 dated 04 April 2008.	
ATA 67	Rotor Flight Controls – Tail Rotor Control Rod and Ball Pivot – Inspection / Replacement
Manufacturer(s):	Eurocopter Deutschland GmbH
Applicability:	EC135 and EC635 series helicopters, all models, all serial numbers, if equipped with Control rod Part Number (P/N) L672M2005207, Ball pivot P/N 92-201-00 and/or Ball pivot P/N 92-207-00.
Reason:	<p>In 2007, an accident occurred with an EC135 helicopter in Japan. Preliminary investigation results appeared to indicate that loss of control was due to failure of the tail rotor control rod. Eurocopter Deutschland (ECD) issued an Alert Service Bulletin (ASB) to address this unsafe condition, instructing operators to inspect the affected control rod and the respective attachments. To prevent further occurrences of this kind, EASA issued Emergency AD 2007-0301-E, subsequently superseded by AD 2007-0313, to require the inspection and, if found damaged, the replacement of the tail rotor control rod and ball pivot, only for helicopters not equipped with an Automatic Flight Control System (AFCS).</p> <p>After receipt of the inspection results of that AD and further review, it became apparent that the inspection requirements should also be applied to helicopters equipped with AFCS. Furthermore, different inspection intervals must be applied, depending on the installed part numbers. The ECD ASB has been revised accordingly.</p> <p>For the reasons described above, the present EASA AD retains the initial inspection and replacement requirements of AD 2007-0313, which is superseded, adds another P/N Ball pivot to be inspected, amends the repeat inspection intervals and expands the applicability to include helicopters equipped with AFCS.</p> <p>This AD has been revised to correct an omission in Compliance, paragraph (3).</p>
Effective Date:	18 April 2008

Compliance:	<p>Required as indicated, unless accomplished previously:</p> <ol style="list-style-type: none"> (1) Within the next 50 flight hours (FH) after the effective date of this AD and thereafter at intervals not to exceed 100 FH (+/- 10%), inspect control rod P/N L672M2005207 in accordance with the instructions of Eurocopter Deutschland Alert Service Bulletin (ASB) EC135-67A-017; (2) Within the next 50 FH after the effective date of this AD and thereafter at intervals not to exceed 100 FH (+/- 10%), inspect ball pivot P/N 92-201-00 in accordance with the instructions of Eurocopter Deutschland ASB EC135-67A-017; (3) Within the next 100 FH but not later than 31 May 2008, whichever occurs first after the effective date of this AD, and thereafter at intervals not to exceed 400 FH (+/- 10%) or 12 months, whichever occurs first, inspect ball pivot P/N 92-207-00 in accordance with the instructions of Eurocopter Deutschland ASB EC135-67A-017; (4) If damage is detected on the control rod during any inspection, before next flight, replace control rod with a serviceable part; if damage is detected on the ball pivot (either P/N 92-201-00 or 92-207-00) during any inspection, before next flight, replace the ball pivot and the control rod with serviceable parts. In either case inform ECD customer service, address indicated in the 'Remarks' section of this AD.
Ref. Publications:	<p>EUROCOPTER EC135 Alert Service Bulletin No. EC135-67A-017 Revision 2 dated 17 March 2008.</p> <p>The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.</p>
Remarks :	<ol style="list-style-type: none"> 1. If requested and appropriately substantiated, EASA can accept Alternative Methods of Compliance for this AD. 2. Required actions and the risk assessment have warranted the immediate adoption of this Final AD with request for comments. 3. Enquiries regarding this AD should be referred to the AD 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 Deutschland GmbH P.O. Box 80 11 40 81663 München Federal Republic of Germany Phone: + 49 (0) 151 14 22 89 76 Fax: + 49 (0) 906 71-4111