


EASA	AIRWORTHINESS DIRECTIVE	
	<p>AD No: 2007-0224 R1 [Correction: 10 September 2007]</p> <p>Date: 07 September 2007</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:		Type/Model designation(s):
EUROCOPTER		AS 365 N3 and EC 155 B1 helicopters
TCDS Number: France No. 159		
Foreign AD: Not applicable		
Revision: This Airworthiness Directive (AD) revises EASA AD 2007-0224 dated 14 August 2007.		
ATA 25	Equipment & Furnishings – CPT 609 Crash Position Transmitter Beacon Antenna – Inspection/Replacement	
Manufacturer(s):	EUROCOPTER (formerly EUROCOPTER FRANCE)	
Applicability:	EC 155 B1 and AS 365 N3 helicopters, all serial numbers, if equipped with CPT 609 crash position transmitter beacons fitted with antenna Part Number (P/N) 070-0609-021.	
Reason:	<p>Reports have been received of failure of the mounting base of the CPT 609 crash position transmitter beacon antenna. Investigation showed that these were due to vibrations. Failure of the mounting base in-flight is likely to result in the loss of the crash position transmitter beacon function and may cause injury to persons on the ground. EASA issued Emergency AD 2006-0126-E, requiring the inspection and replacement actions described in Eurocopter Alert Service Bulletin (ASB) 05A014 for EC155B1 and 05.00.53 for AS365N3 (same document). Following studies of the vibration phenomena, the antenna manufacturer has developed a new antenna, fitted with a mounting base which is not subject to failure due to vibrations. Eurocopter revised their ASB 05A014/05.00.53 accordingly to instruct the replacement of existing antennas with the new P/N 070-0609-022 antenna as terminating action for the post-flight inspections. Consequently, EASA issued AD 2007-0224, retaining the requirements of EAD 2006-0126-E, requiring replacement of all P/N 070-0609-021 antennas with P/N 070-0609-022 antennas and prohibiting (re)installation of P/N 070-0609-021 on any of the affected helicopters after 30 September 2007. AD 2007-0224 R1 was issued to extend the compliance time for replacement of the affected antennas to 15 November 2007.</p> <p>This AD has been republished to correct a typographical error in the 'Revision'.</p>	
Effective Date:	28 August 2007	

Compliance:	<p>Required as indicated, unless accomplished previously:</p> <ol style="list-style-type: none"> (1) From 18 May 2006 [the effective date of EAD 2006-0126-E], after each flight, check the attachment of the antenna of the CPT 609 crash position transmitter beacon in accordance with the instructions specified in paragraph 2.B.2 of the referenced EUROCOPTER EC 155 and AS 365 N ASB, corresponding to the helicopter version; (2) If the antenna is damaged or fails, before next flight, replace the antenna with an airworthy part in accordance with the instructions specified in paragraph 2.B.2 of the referenced ASB, as applicable; (3) Not later than 15 November 2007, replace the P/N 070-0609-021 antenna with a P/N 070-0609-022 antenna in accordance with the instructions specified in paragraph 1.E.1.a of the referenced ASB, as applicable; (4) After the installation of a P/N 070-0609-022 antenna, the post-flight inspections of paragraph (1) of this directive are no longer required; (5) After 15 November 2007, no person shall install a spare P/N 070-0609-021 antenna as a replacement part on any of the helicopters affected by this directive.
Ref. Publications:	Eurocopter EC155 ASB No. 05A014 Revision 01 or Revision 02; and AS365 ASB No. 05.00.53 Revision 01 or Revision 02 (same document) or later approved revisions.
Remarks:	<ol style="list-style-type: none"> 1. If requested and appropriately substantiated, EASA can accept Alternative Methods of Compliance for this AD. 2. The original issue of this AD was posted for consultation on 12 July 2007 as PAD 07-122 until 02 August 2007. No comments were received during the consultation period. 3. Enquiries regarding this AD should be addressed 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 (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