


EASA	AIRWORTHINESS DIRECTIVE
	AD No.: 2011-0144 Date: 26 July 2011 Note: This Airworthiness Directive (AD) is issued by EASA, acting in accordance with Regulation (EC) No 216/2008 on behalf of the European Community, its Member States and of the European third countries that participate in the activities of EASA under Article 66 of that Regulation.
This AD is issued in accordance with EC 1702/2003, Part 21A.3B. In accordance with EC 2042/2003 Annex I, Part M.A.301, the continuing airworthiness of an aircraft shall be ensured by accomplishing any applicable ADs. Consequently, no person may operate an aircraft to which an AD applies, except in accordance with the requirements of that AD unless otherwise specified by the Agency [EC 2042/2003 Annex I, Part M.A.303] or agreed with the Authority of the State of Registry [EC 216/2008, Article 14(4) exemption].	
Type Approval Holder's Name : EUROCOPTER	Type/Model designation(s) : EC 155, SA 365 and AS 365 Helicopters
TCDS Number:	DGAC France No. 159
Foreign AD:	Not applicable
Supersedure:	None
ATA 05 ATA 64	Time Limits and Maintenance checks – Tail Rotor Hub (TRH) – Inspection Tail Rotor - Tail Rotor Hub - Inspection / Replacement
Manufacturer(s):	Eurocopter (formerly Eurocopter France, Aerospatiale)
Applicability:	Eurocopter EC 155 B, EC 155 B1, SA 365 N1, AS 365 N2 and AS 365 N3 helicopters, all serial numbers, if equipped with a rotor hub with Part number (P/N) 365A33351100, P/N 365A33351101 or P/N 365A33351102 installed on the 10-blade Tail Rotor Hub of the quiet fenestron tail rotor.
Reason:	<p>Two cases of cracked 10-blade TRH were recently reported to Eurocopter.</p> <p>This condition, if not detected and corrected, could lead to a tail rotor jam, possibly resulting in reduced or loss of control of the helicopter.</p> <p>For the reason described above, and pending further investigations, this AD requires repetitive inspections of the 10-blade TRH, and depending of findings, the replacement of the 10-blade TRH.</p> <p>This AD is considered an interim measure and further AD actions are likely to follow.</p>
Effective Date:	09 August 2011
Required Action(s) and Compliance Time(s):	Required as indicated, unless accomplished previously: (1) Within 55 flight hours (FH) after the effective date of this AD, accomplish a detailed visual inspection of the 10-blade TRH hub in accordance with the instructions of Eurocopter EC 155 Alert Service Bulletin (ASB)

	<p>05A021 Revision 1, or Eurocopter AS 365 ASB 05.00.60 Revision 1, as applicable to the helicopter version.</p> <p>An inspection performed before the effective date of this AD in accordance with Eurocopter EC 155 ASB 05A021 or Eurocopter AS 365 ASB 05.00.60 at original issue is acceptable to comply with the requirements of this paragraph.</p> <p>(2) Thereafter, at intervals not to exceed 55 FH, repeat the inspection of the 10-blade TRH, in accordance with the instructions of Eurocopter EC 155 ASB 05A021 Revision 1 or Eurocopter AS 365 ASB 05.00.60 Revision 1, as applicable to the helicopter version.</p> <p>(3) If, during an inspection as required by paragraph (1) or (2) of this AD, any crack is found in the TRH, before next flight, replace the TRH with a serviceable part, in accordance with the instructions of Eurocopter EC 155 ASB 05A021 Revision 1 or Eurocopter AS 365 ASB 05.00.60 Revision 1, as applicable to the helicopter version.</p> <p>A TRH replacement accomplished before the effective date of this AD in accordance with Eurocopter EC 155 ASB 05A021 or Eurocopter AS 365 ASB 05.00.60 at original issue is acceptable to comply with the requirements of this paragraph.</p> <p>(4) Replacement of a TRH hub as required by paragraph (3) of this AD does <u>not</u> constitute terminating action for the repetitive inspection requirements of paragraph (2) of this AD.</p>
Ref. Publications:	<p>Eurocopter EC 155 ASB 05A021 Revision 1 dated 20 July 2011; Eurocopter AS 365 ASB 05.00.60 Revision 1 dated 20 July 2011.</p> <p>The use of later approved revisions of these documents 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 approve Alternative Methods of Compliance for this AD. 2. The required actions and the risk allowance have granted the issuance of a Final AD with Request for Comments, postponing the public consultation process after publication. 3. Enquiries regarding this AD should be referred to the Safety Information Section, Executive Directorate, EASA. E-mail ADs@easa.europa.eu. 4. For any question concerning the technical content of the requirements in this AD, please contact: EUROCOPTER (STD1) - Aéroport de Marseille Provence 13725 Marignane Cedex, France. Telephone +33 (0) 4 42 85 97 97, Fax +33 (0) 4 42 85 99 66. E-mail: Directive.technical-support@eurocopter.com.