


EASA	AIRWORTHINESS DIRECTIVE
	<p>AD No.: 2014-0132</p> <p>Date: 26 May 2014</p> <p>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.</p>
<p>This AD is issued in accordance with EU 748/2012, 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].</p>	
<p>Design Approval Holder's Name:</p> <p>AIRBUS HELICOPTERS</p>	<p>Type/Model designation(s):</p> <p>AS 350, AS 355 and EC 130 helicopters</p>
TCDS Number:	EASA.R.008, EASA.R.146
Foreign AD:	Not applicable
Supersedure:	None
ATA 62	Main Rotor – Rotating Star Swashplate – Inspection / Replacement
Manufacturer(s):	Airbus Helicopters, formerly Eurocopter, Eurocopter France, Aerospatiale
Applicability:	AS 350 B, BA, BB, B1, B2, B3 and D helicopters, and AS 355 E, F, F1, F2, N and NP helicopters, and EC130 B4 and T2 helicopters, all serial numbers, if equipped with a swashplate assembly comprising a rotating star with Part Number (P/N) 350A371003-04, P/N 350A371003-05, P/N 350A371003-06, P/N 350A371003-07, or P/N 350A371003-08.
Reason:	<p>During a repair of a helicopter, it was discovered that the reconditioning of the rotating swashplate described in Repair Sheet (FR)350A371003AA could potentially induce high static stress level in the swashplate.</p> <p>This condition, if not corrected, could affect the Service Life Limit (SLL) of the part as specified in the applicable helicopter's Airworthiness Limitations Section (ALS).</p> <p>To address this potential unsafe condition, Airbus Helicopters issued Alert Service Bulletin (ASB) No. EC13062A010, ASB No. AS355 62.00.33 and ASB No. AS350 62.00.34, providing inspection and replacement instructions.</p> <p>For the reason described above, this AD requires repetitive inspections and replacement of the rotating star swashplate.</p>
Effective Date:	09 June 2014

<p>Required Action(s) and Compliance Time(s):</p>	<p>Required as indicated, unless accomplished previously:</p> <ol style="list-style-type: none"> (1) Within 165 flight hours (FH) after the effective date of this AD, and, thereafter, at intervals not to exceed 165 FH, accomplish a visual or dye-penetrant inspection of the rotating star in accordance with the instructions of paragraphs 3.B.2 (to identify those assemblies equipped with a ferrule) and 3.B.3 of Airbus Helicopter ASB No. EC130 62A010, or ASB No. AS355 62.00.33, or ASB No. AS350 62.00.34, as applicable. (2) Within 30 days after identification of a repaired rotating star, contact Airbus Helicopter to report the Part Number and serial number in accordance with the instructions of paragraph 1.E.2 a) of Airbus Helicopter ASB No. EC130 62A010 or ASB No. AS355 62.00.33 or ASB No. AS350 62.00.34, as applicable. (3) If during any inspection as required by paragraph (1) of this AD, any crack is found, before next flight, replace the rotating star with a serviceable one in accordance with the instructions of paragraph 3.B.4 of Airbus Helicopter ASB No. EC130 62A010 or ASB No. AS355 62.00.33 or ASB No. AS350 62.00.34, as applicable. (4) Not later than 31 December 2014, unless already accomplished as required by paragraph (3) of this AD, replace the rotating star with a serviceable one in accordance with the instructions of paragraph 3.B.4 of Airbus Helicopter ASB No. EC130 62A010 or ASB No. AS355 62.00.33 or ASB No. AS350 62.00.34, as applicable. (5) Replacement of the rotating star on a helicopter with a serviceable one, as required by paragraph (3) or (4) of this AD, as applicable, constitutes terminating action for the repetitive inspections required by paragraph (1) of this AD for that helicopter. (6) From the effective of this AD, installation on a helicopter of a rotating star is allowed, provided that, prior to installation, it passes an inspection in accordance with the instructions of Airbus Helicopter ASB No. EC130 62A010, or ASB No. AS355 62.00.33, or ASB No. AS350 62.00.34, as applicable.
<p>Ref. Publications:</p>	<p>Airbus Helicopters ASB No. EC130 62A010 dated 28 April 2014. Airbus Helicopters ASB No. AS355 62.00.33 dated 28 April 2014. Airbus Helicopters ASB No. AS350 62.00.34 dated 28 April 2014. The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD.</p>
<p>Remarks:</p>	<ol style="list-style-type: none"> 1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. Based on the required actions and the compliance time, EASA have decided to issue a Final AD with Request for Comments, postponing the public consultation process until 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: AIRBUS HELICOPTERS – Aéroport de Marseille Provence 13725 Marignane Cedex, France Telephone +33 (4) 42 85 97 97, Facsimile +33 (4) 42 85 99 66 E-mail: Directive.technical-support@eurocopter.com.