


EASA	EMERGENCY AIRWORTHINESS DIRECTIVE
	AD No.: 2014-0229-E
	Date: 20 October 2014 <p>Note: This Emergency 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 21.A.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>	
Design Approval Holder's Name: AIRBUS HELICOPTERS	Type/Model designation(s): EC130 T2 helicopters
TCDS Number:	EASA.R.008
Foreign AD:	Not applicable
Supersedure:	None
ATA 79	Oil – Main Gearbox Oil Cooler Hopper – Inspection
Manufacturer(s):	AIRBUS Helicopters, (formerly Eurocopter)
Applicability:	EC130 T2 helicopters, all serial numbers.
Reason:	<p>Several cases of cracked main gearbox (MGB) oil cooler fan attachment to the hopper have been reported. The cracks could lead to the total failure of the fan attachment.</p> <p>This condition, if not detected and corrected, could lead to interference of the fan with the control rod of the front servo-control, or with the flight control bellcrank, possibly resulting in reduced control of the helicopter.</p> <p>For the reasons described above, this AD requires repetitive visual inspections of the MGB oil cooler fan attachment to the hopper and, depending on findings, replacement of cracked parts.</p> <p>This AD is considered to be an interim action. Airbus Helicopters is developing a final solution.</p>
Effective Date:	22 October 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) Before next flight after the effective date of this AD, and, thereafter, at intervals not to exceed 10 flight hours or 7 days whichever occurs first, inspect the attachment points of the fan to the hopper in accordance with the instructions of paragraph 3.B of Airbus Helicopters Emergency ASB EC130 05A020. (2) If, during any inspection as required by paragraph (1) of this AD, cracks are found, before next flight, replace the damaged part(s) in accordance with the instructions of Airbus Helicopters Emergency ASB EC130 05A020. (3) If, damaged parts cannot be replaced, before next flight, remove the fan in accordance with the instructions of paragraph 3.B. of Airbus Helicopters Emergency ASB EC130 05A020. A single ferry flight is permitted to an approved maintenance organisation, where the corrective action as required by paragraph (2) of this AD can be accomplished. <p>Note 1: When the fan is removed, note the following for information:</p> <ul style="list-style-type: none"> - The engine / MGB oil cooling system is degraded. Refer to the rotorcraft Flight Manual procedures for operation of the engine / MGB oil cooling system. - The air conditioning system no longer operates. - The orange "CO" light on the ECS control unit comes on. - The heating and demisting functions are available. <ol style="list-style-type: none"> (4) Replacement of parts on a helicopter as required by paragraph (2) of this AD, or removal of the fan as specified in paragraph (3) of this AD, as applicable, does not constitute terminating action for the repetitive inspections required by paragraph (1) of this AD for that helicopter.
<p>Ref. Publications:</p>	<p>Airbus Helicopters Emergency ASB EC130 05A020 original issue dated 20 October 2014.</p> <p>The use of later approved revisions of this document 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. The results of the safety assessment have indicated the need for immediate publication and notification, without the full public consultation process. 3. Enquiries regarding this AD should be referred to the Safety Information Section, Certification 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 Technical Support Department of the Customer Service, Telephone +33 (0)4.42.85.97.16, Fax + 33 (0)4.42.85.99.66, E-mail: airframe.technical-support@eurocopter.com.