



Airworthiness Directive Cancellation Notice

AD No.: 2010-0006-CN

Issued: 20 August 2021

Note: This Airworthiness Directive (AD) Cancellation Notice (CN) is issued by EASA, acting in accordance with Regulation (EU) 2018/1139 on behalf of the European Union, its Member States and of the European third countries that participate in the activities of EASA under Article 129 of that Regulation.

Design Approval Holder's Name:

AIRBUS HELICOPTERS

Type/Model designation(s):

AS 350 and AS 355 helicopters

Effective Date: 03 September 2021

TCDS Number(s): EASA.R.008, EASA.R.146

Foreign AD: Not applicable

Cancellation: This Notice cancels EASA AD 2010-0006 dated 07 January 2010.

ATA 05 – CANCELLED: Time Limits / Maintenance Checks – Tail Rotor Pitch-Change Links – Inspection

Manufacturer(s):

Airbus Helicopters (AH), formerly Eurocopter, Eurocopter France, Aerospatiale

Applicability:

AS 350 B, BA, BB, B1, B2, B3 and D helicopters, all serial numbers (s/n); and

AS 355 E, F, F1, F2, N and NP helicopters, all s/n; if equipped with an affected part.

Definitions:

For the purpose of this AD-CN, the following definitions apply:

Affected part: Tail rotor (TR) pitch-change links (for AS350) having Part Number (P/N) 350A33-2100-00, 350A33-2100-01, 350A33-2100-02, 350A33-2100-03, 350A33-2100-04, 350A33-2121-00, 350A33-2121-01, 350A33-2121-02, 350A33-2143-00, 350A33-2145-00, or 350A33-2145-01; and (for AS355) P/N 350A33-2121-00, 350A33-2121-01, 350A33-2121-02, 350A33-2143-00, 350A33-2145-00, or 350A33-2145-01.

The ASB: Eurocopter Alert Service Bulletin (ASB) 05.00.60 and ASB 05.00.56, as applicable.

The applicable ALS: AH AS 350 and EC 130 Aircraft Maintenance Manual (AMM) Chapter 04,



Airworthiness Limitations Section (ALS) Revision 006 (for AS 350 B, AS 350 BA, AS 350 BB, AS 350 B1 and AS 350 D helicopters), Revision 013 (for AS 350 B2 and AS 350 B3 helicopters), Revision 012 (for EC 130 B4 helicopters) and Revision 010 (for EC 130 T2 helicopters), as applicable; and AH AS 355 AMM Chapter 04 ALS Revision 010 (for AS 355 E, AS 355 F, AS 355 F1 and AS 355 N helicopters), Revision 011 (for AS 355 F2 helicopters) and Revision 009 (for AS 355 NP helicopters), as applicable.

Reason:

An occurrence was reported where the pilot of an AS 350 helicopter felt slight vibrations in the pedal unit in flight. A few minutes later, the vibration level increased and the pilot carried out a precautionary autorotation landing. After landing, it was discovered that one TR pitch-change link was damaged, the tail-boom cone was missing and there was an impact mark on the tail-boom. Further investigation of the affected TR pitch-change link has displayed extensive wear on the ball-joint and failure of the web of the ball-joint due to fatigue. The wear of affected TR pitch-change link could have been discovered during a regular check for no play in the links, which is scheduled at intervals not exceeding 30 flight hours and to be accomplished during checks after the last flight of the day.

This condition, if not detected and corrected, could lead to loss of the anti-torque function, possibly resulting in loss of control of the helicopter.

To address this potential unsafe condition, Eurocopter published the ASB, as defined in this AD, and consequently, EASA issued AD 2010-0006 to require repetitive inspections of the TR pitch-change links and, depending on findings, accomplishment of applicable corrective action(s).

Since that AD was issued, the relevant requirements have been incorporated into the applicable ALS, as defined in this AD-CN. Accomplishment of the actions specified in the applicable ALS is required by EASA AD 2021-0194 for AS 350 and EC 130 helicopters, and by EASA AD 2021-0193 for AS 355 helicopters, which means that EASA AD 2010-0006 is no longer necessary.

For the reasons described above, this Notice cancels EASA AD 2010-0006.

Required Action(s) and Compliance Time(s):

None.

Ref. Publications:

Eurocopter AS 350 ASB 05.00.60 dated 08 December 2009.

Eurocopter AS 355 ASB 05.00.56 dated 08 December 2009.

Remarks:

1. Enquiries regarding this AD-CN should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: ADs@easa.europa.eu.
2. For any question concerning the technical content of this AD-CN, please contact: Airbus Helicopters Customer Support, Telephone +33 (0)4.42.85.97.89, Fax + 33 (0)4.42.85.99.66, E-mail: Airframe.Technical-Support@airbus.com,



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