



Airworthiness Directive

AD No.: 2020-0057

Issued: 13 March 2020

Note: This Airworthiness Directive (AD) 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.

This AD is issued in accordance with Regulation (EU) 748/2012, Part 21.A.3B. In accordance with Regulation (EU) 1321/2014 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 [Regulation (EU) 1321/2014 Annex I, Part M.A.303] or agreed with the Authority of the State of Registry [Regulation (EU) 2018/1139, Article 71 exemption].

Design Approval Holder's Name:

AIRBUS HELICOPTERS

Type/Model designation(s):

EC 175 B helicopters

Effective Date: 27 March 2020

TCDS Number(s): EASA.R.150

Foreign AD: Not applicable

Supersedure: None

ATA – Rotorcraft Flight Manual – Supplements / One Engine Inoperative Performance Limitations – Amendment

Manufacturer(s):

Airbus Helicopters (AH)

Applicability:

EC 175 B helicopters, all serial numbers.

Definitions:

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

The RFM: EC 175 B basic Rotorcraft Flight Manual (RFM), Normal Revision 4, Edition 2 (RN 4 Edition 2).

The applicable supplement: RFM supplement (SUP).80 "WINTER KIT FOR ENGINE AIR INTAKES" to Normal Revision 2, Edition 2 (RN 2 Edition 2) and RFM SUP.81 "ENGINE AIR PARTICLE SEPARATOR (EAPS)" to RN 2 Edition 2, as applicable.



Reason:

A discrepancy was found in the previous revisions of the applicable supplements of the RFM, not specifying the one engine inoperative (OEI) performance limitations for 10 or more passenger seating configurations, as required by CS 29.1. All performance information required by CS 29.1 were provided in the basic EC 175 flight manual and relevant supplements, but not recalled in the relevant Limitation Sections.

Airbus has therefore updated the RFM to RN 4 Edition 2, and the applicable Supplements to RN 2 Edition 2, to include in Section 2 the cross link to the relevant OEI performance charts.

For the reasons described above, this AD requires amendment of the RFM.

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

Required as indicated, unless accomplished previously:

- (1) Within 30 days after the effective date of this AD, amend the RFM to incorporate RN 4 Edition 2, and the normal procedures as described in the applicable Supplements, inform all flight crew and, thereafter, operate the helicopter accordingly.
- (2) Amending the applicable RFM to incorporate a later revision, which includes the RFM change as required by this AD, is acceptable to comply with the requirements of paragraph (1) of this AD.

Ref. Publications:

EC175 B basic RFM, RN 4 Edition 2 dated 03 June 2019.

SUP.80 "WINTER KIT FOR ENGINE AIR INTAKES", RN 2 Edition 2 dated 03 June 2019.

SUP.81 "ENGINE AIR PARTICLE SEPARATOR (EAPS)", RN 2 Edition 2 dated 03 June 2019.

Remarks:

1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.
2. This AD was posted on 07 February 2020 as PAD 20-031 for consultation until 06 March 2020. No comments were received during the consultation period.
3. Enquiries regarding this AD should be referred to the EASA Programming and Continued Airworthiness Information Section, Certification Directorate. E-mail: ADs@easa.europa.eu.
4. Information about any failures, malfunctions, defects or other occurrences, which may be similar to the unsafe condition addressed by this AD, and which may occur, or have occurred on a product, part or appliance not affected by this AD, can be reported to the [EU aviation safety reporting system](#).
5. For any question concerning the technical content of the requirements in this AD, please contact: Airbus Helicopters, Web portal: <https://keycopter.airbushelicopters.com> Technical Requests Management, or E-mail: support.powerplant.ah@airbus.com.

