



Notification of a Proposal to issue an Airworthiness Directive

PAD No.: 18-155

Issued: 13 November 2018

Note: This Proposed Airworthiness Directive (PAD) 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.

In accordance with the EASA Continuing Airworthiness Procedures, the Executive Director is proposing the issuance of an EASA Airworthiness Directive (AD), applicable to the aeronautical product(s) identified below.

All interested persons may send their comments, referencing the PAD Number above, to the e-mail address specified in the 'Remarks' section, prior to the consultation date indicated.

Design Approval Holder's Name:

AIRBUS HELICOPTERS

Type/Model designation(s):

EC 155 helicopters

Effective Date: [TBD - standard: 14 days after AD issue date]

TCDS Number(s): EASA.R.105

Foreign AD: Not applicable

Supersedure: None

ATA 56 – Windows – Swing Door Jettisonable Window – Modification

Manufacturer(s):

Airbus Helicopters (AH), formerly Eurocopter, Eurocopter France

Applicability:

EC 155 B and EC 155 B1 helicopters, all serial numbers, fitted with hinged cabin doors, except those that embody mod 365A084527.00 or mod 0752C54 in production.

Definitions:

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

The ASB: AH Alert Service Bulletin (ASB) EC155-56A005 Revision 1.

Reason:

An occurrence was reported that during a daily check difficulty was experienced in jettisoning a helicopter window, requiring the application of a high pushing force.

This condition, if not corrected, could prevent the jettisoning of a window, possibly affecting the evacuation of helicopter occupants during an emergency situation.



To address this potentially unsafe condition, Eurocopter developed mod 365A084480.00, ensuring reduction of jettison loads of hinged cabin door windows, and issued ASB EC155-56A003, providing modification instructions. Consequently, EASA issued AD 2010-0257 to require that modification.

After that AD was issued, it was determined that, although that modification reduces the effort necessary to open the hinged cabin door windows, it does not ensure that the opening load is within the values defined in the approved design. Consequently, AH issued the ASB providing instructions for modification of hinged cabin swing door jettisonable window as a final solution.

For the reasons described above, this AD requires modification of each hinged cabin door jettisonable window.

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

Required as indicated, unless accomplished previously:

Modification:

- (1) Within 12 months after the effective date of this AD, modify each hinged cabin door jettisonable window in accordance with the instructions of the ASB.

Credit:

- (2) Modification of a helicopter, before the effective date of this AD in accordance with the instructions of AH ASB EC155-56A005 at original issue is acceptable to comply with the requirements of paragraph (1) of this AD for that helicopter.

Ref. Publications:

AH ASB EC155-56A005 original issue dated 14 December 2017 and Revision 1 dated 23 October 2018.

The use of later approved revisions of the above-mentioned documents is acceptable for compliance with the requirements of this AD.

Remarks:

1. This Proposed AD will be closed for consultation on 27 November 2018.
2. Enquiries regarding this PAD should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: ADs@easa.europa.eu.
3. Information about any failures, malfunctions, defects or other occurrences, which may be similar to the unsafe condition addressed by this PAD, and which may occur, or have occurred on a product, part or appliance not affected by this PAD, can be reported to the [EU aviation safety reporting system](#).
4. For any question concerning the technical content of the requirements in this PAD, please contact: Airbus Helicopters – Aéroport de Marseille Provence, 13725 Marignane Cedex, France
Telephone: +33 (4) 42 85 97 97, Fax: +33 (4) 42 85 99 66,
E-mail: support.technical-dyncomp.ah@airbus.com ,
Web portal: <https://keycopter.airbushelicopters.com> > Technical Requests Management.

