



Airworthiness Directive

AD No.: 2017-0155

Issued: 23 August 2017

Note: This Airworthiness Directive (AD) is issued by EASA, acting in accordance with Regulation (EC) 216/2008 on behalf of the European Union, its Member States and of the European third countries that participate in the activities of EASA under Article 66 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 (EC) 216/2008, Article 14(4) exemption].

Design Approval Holder's Name:

LEONARDO S.p.A.

Type/Model designation(s):

AW169 helicopters

Effective Date: 06 September 2017

TCDS Number(s): EASA.R.509

Foreign AD: Not applicable

Supersedure: None

ATA 56 – Windows – Emergency Exit Window Seal, Non-Metallic Channel and Handle – Replacement

Manufacturer(s):

Leonardo S.p.A. Helicopters (formerly Finmeccanica Helicopter Division, AgustaWestland)

Applicability:

Leonardo AW169 helicopters, serial numbers 69007, 69009, 69011 to 69019 inclusive, 69021 to 69024 inclusive, 69027, 69032, 69033, 69041, 69045 and 69051.

Reason:

During scheduled replacement of emergency exit window seals (Maintenance Manual task DT56-01 for cockpit doors and task DT56-02 for cabin) on AW189 helicopters in service, an excessively high level of pushing force was required to jettison some of the windows. Further investigation determined that the affected windows were incorrectly installed during manufacturing. Due to the similarity in the manufacturing process, incorrect window installation may have happened on AW169 helicopters.

This condition, if not corrected, could prevent the jettisoning of helicopter emergency exit windows, possibly affecting the evacuation of occupants after an emergency landing.

To address this potential unsafe condition, Leonardo issued Service Bulletin (SB) 169-032 providing instructions to restore the correct installation of the emergency exit system.



For the reason described above, this AD requires replacement of the seal, the non-metallic channel and the handle of emergency exit windows installed in the cockpit doors and cabin.

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

Required as indicated, unless accomplished previously:

Replacement:

Within 70 flight hours or 6 months, whichever occurs first after the effective date of this AD, replace the seal, the non-metallic channel and the handle of each emergency exit window installed in cockpit doors and cabin (see Note 1 of this AD) in accordance with the instructions of Leonardo SB 169-032.

Note 1: For helicopters equipped with passenger sliding window kit Part Number 6F5630F00411 only the cockpit and “forward” cabin windows have to be modified as required by this AD.

Note 2: For a helicopter for which it can be demonstrated that the emergency exit windows were removed and reinstalled at least once since helicopter entry into service, no action is required by this AD.

Ref. Publications:

Leonardo S.p.A. Helicopters SB 169-032 original issue, dated 12 July 2017.

The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.

Remarks:

1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.
2. This AD was posted on 02 August 2017 as PAD 17-105 for consultation until 16 August 2017. No comments were received during the consultation period.
3. Enquiries regarding this AD should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: ADs@easa.europa.eu.
4. For any question concerning the technical content of the requirements in this AD, please contact: Leonardo S.p.A. Helicopters, Customer Support & Services, Product Support Engineering & Licenses DPT, Via Giovanni Agusta 520, 21017 Cascina Costa di Samarate (VA) – Italy, Tel.: +39 0331 255036, Fax: +39 0331 225988, E-mail: PSE_AW169.MBX.AW@leonardocompany.com.

