



## Airworthiness Directive

**AD No.:** 2020-0131

**Issued:** 05 June 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:**

LEONARDO S.p.A.

**Type/Model designation(s):**

AB139 and AW139 helicopters

**Effective Date:** 12 June 2020

**TCDS Number(s):** EASA.R.006

**Foreign AD:** Not applicable

**Supersedure:** None

### ATA 25 – Equipment / Furnishings – Hoist Cable Cutter Frame – Modification

---

**Manufacturer(s):**

Leonardo S.p.A. Helicopters, formerly Finmeccanica S.p.A, AgustaWestland S.p.A., Agusta S.p.A.; and AgustaWestland Philadelphia Corporation, formerly Agusta Aerospace Corporation

**Applicability:**

AB139 and AW139 helicopters, all serial numbers.

**Definitions:**

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

**Affected part:** Single hoist control panels, having Part Number (P/N) 3G2591V02351 and double hoist control panels, having P/N 3G2591V02251, except those that are equipped with the frame, as defined in this AD.

**The frame:** Hoist cable cutter frames, having P/N 3G2591A08851.

**The ASB:** Leonardo Alert Service Bulletin (ASB) 139-637.

**Groups:** Group 1 helicopters are those that have an affected part installed.  
Group 2 helicopters are those that do not have an affected part installed.



**Reason:**

Occurrences were reported of inadvertent activation of the hoist cable cutter, during night operations, while the hoist operator was trying to adjust the searchlight thumb switch located next to the guarded hoist cable cut push button on the hoist control panel.

This condition, if not corrected, could lead to further unintended activation of the hoist cable cutter, possibly resulting in injury to a human load or to persons on the ground.

Initially, Leonardo published Service Bulletin 139-557 (optional installation of the frame, as defined in this AD) and, later, to address the potential unsafe condition, Leonardo published the ASB to provide modification instructions for installation of the frame, as defined in this AD, which prevents unintended activation of the cable cutter.

For the reason described above, this AD requires installation of the frame on the affected part.

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

Required as indicated, unless accomplished previously:

**Modification:**

- (1) For Group 1 helicopters: Within 200 flight hours after the effective date of this AD, modify the helicopter by installing the frame on the affected part in accordance with the instructions of the ASB.

**Part Installation:**

- (2) Do not install an affected part on any helicopter, as required by paragraph (2.1) or (2.2) of this AD, as applicable.
  - (2.1) For Group 1 helicopters: After modification of the helicopter, as required by paragraph (1) of this AD.
  - (2.2) For Group 2 helicopters: From the effective date of this AD.

**Ref. Publications:**

Leonardo S.p.A. Helicopters ASB 139-637, original issue dated 05 June 2020.

The use of later approved revisions of the above-mentioned 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. Based on the required actions and the compliance time, EASA have decided to issue a Final AD with Request for Comments, postponing the public consultation process until after publication.
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](mailto: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: Leonardo S.p.A. Helicopters. E-mail: [cse.aw139.AW@leonardocompany.com](mailto:cse.aw139.AW@leonardocompany.com).

