



Emergency Airworthiness Directive

AD No.: 2019-0178-E

Issued: 19 July 2019

Note: This Emergency 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):

AB206 helicopters

Effective Date: 23 July 2019

TCDS Number(s): EASA.R.140

Foreign AD: Not applicable

Supersedure: None

ATA 62 – Main Rotor – Main Rotor Blades – Inspection

Manufacturer(s):

Agusta S.p.A., formerly Costruzioni Aeronautiche G. Agusta S.p.A.

Applicability:

AB206A and AB206B helicopters, all serial numbers.

Definitions:

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

The SB: Leonardo Service Bulletin (SB) 206-253.

Affected part: Main rotor (MR) blades, having part Number (P/N) 206-010-200-33 and a serial number (s/n) having prefix M3, EM, or A5.

Serviceable part: An MR blade which is not an affected part; or an affected part that, within 24 months before installation, passed an inspection (no corrosion found) in accordance with the instructions of the SB.

Reason:

Corrosion was reportedly found in the internal surface of the spar of an MR blade, around the balancing weight perimeter area. Preliminary investigation results determined that this may have



been caused by a manufacturing deficiency, and a batch of parts was identified which may be affected.

This condition, if not detected and corrected, could lead to MR blade failure, possibly resulting in loss of control of the helicopter.

To address this potential unsafe condition, Leonardo issued the SB to provide inspection instructions.

For the reasons described above, this AD requires repetitive inspections of affected parts and, depending on findings, replacement.

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

Required as indicated, unless accomplished previously:

Repetitive Inspection:

- (1) Within 5 flight hours after the effective date of this AD and, thereafter, at intervals not to exceed 24 months, inspect each affected part in accordance with the instructions of the SB.

Corrective Action:

- (2) If, during any inspection as required by paragraph (1) of this AD, corrosion is detected on an affected part, before next flight, replace that affected part with a serviceable part in accordance with the instructions of the SB.

Terminating Action:

- (3) None.

Parts Installation:

- (4) From the effective date of this AD, it is allowed to install an affected part on any helicopter, provided it is a serviceable part, as defined in this AD, and that, following installation, it is inspected as required by this AD.

Ref. Publications:

Leonardo SB 206-253 original issue dated 18 July 2019.

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. The results of the safety assessment have indicated the need for immediate publication and notification, without the full consultation process.
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: Leonardo S.p.A., Customer Support & Services, Product Support Engineering DPT, via Giovanni Agusta 520, 21017 Cascina Costa di Samarate (VA) – Italy, Telephone: +39 0331 711439, Fax: +39 0331 225988, E-mail: absereng.AW@leonardocompany.com.

