



## Notification of a Proposal to issue an Airworthiness Directive

**PAD No.:** 21-079

**Issued:** 31 May 2021

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

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

A350 aeroplanes

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

**TCDS Number(s):** EASA.A.151

**Foreign AD:** Not applicable

**Supersedure:** None

### ATA 32 – Landing Gear – Master Minimum Equipment List – Landing Gear Control – Amendment

**Manufacturer(s):**

Airbus

**Applicability:**

Airbus A350-941 and A350-1041 aeroplanes, all manufacturer serial numbers.

**Definitions:**

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

**MMEL update:** Airbus A350 Master Minimum Equipment List (MMEL) item 32-31-01A, Landing Gear Control, EASA approval date 08 April 2021.

**Reason:**

During the recent development phase of new landing gear extension and retraction system (LGERS) software, Airbus identified a failure scenario that affects all LGERS software standards. In the event of a specific discrete wire failure, the LGERS may not be able to complete landing gear (LG) retraction when commanded by selection of the LG lever to the UP position.



This condition, if not corrected, in combination with one engine inoperative at take-off, could lead to a reduction of the flight path clearance, possibly resulting in damage to the aeroplane and injury to occupants.

To address this potential unsafe condition, Airbus issued the MMEL update, as defined in this AD, to introduce a new maintenance task.

For the reason described above, this AD requires implementation of the MMEL update.

This AD is considered to be an interim action and further AD action may follow.

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

Required as indicated, unless accomplished previously:

#### **MMEL Changes:**

- (1) Within 3 months after the effective date of this AD, amend the MMEL, on the basis of which the operator's MEL must be made, in accordance with the instructions of the MMEL update, as defined in this AD, inform all flight crews, and, thereafter, operate the aeroplane accordingly.
- (2) [reserved]

#### **Ref. Publications:**

Airbus A350 MMEL Item 32-31-01A update, EASA approval date 08 April 2021.

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

#### **Remarks:**

1. This Proposed AD will be closed for consultation on 28 June 2021.
2. Enquiries regarding this PAD should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: [ADs@easa.europa.eu](mailto: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](#). This may include reporting on the same or similar components, other than those covered by the design to which this PAD applies, if the same unsafe condition can exist or may develop on an aircraft with those components installed. Such components may be installed under an FAA Parts Manufacturer Approval (PMA), Supplemental Type Certificate (STC) or other modification.
4. For any question concerning the technical content of the requirements in this PAD, please contact: AIRBUS A350 XWB, E-mail: [continued-airworthiness.a350@airbus.com](mailto:continued-airworthiness.a350@airbus.com).

