



Notification of a Proposal to issue an Airworthiness Directive

PAD No.: 19-142

Issued: 25 July 2019

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 24 – Electrical Power – Ram Air Turbine Performance – Modification (Software Update)

Manufacturer(s):

Airbus

Applicability:

Airbus A350-941 aeroplanes, all manufacturer serial numbers, except those that have embodied Airbus modification 113749 in production.

Definitions:

For the purpose of this AD, the following definition applies:

The SB: Airbus Service Bulletin (SB) A350-42-P012.

Reason:

It has been determined through testing that ram air turbine (RAT) performance may be below the expected (certified) level when the landing gear is extended.

This condition, if not corrected, could lead to partial or total loss of RAT electrical power generation when RAT is deployed in an emergency condition, possibly resulting in reduced control of the aeroplane.



To address this potential unsafe condition, Airbus issued the SB, providing instructions to install flight control and guidance system (FCGS) software (SW) X11 Standard (STD) to negate aircraft side slip during RAT deployment.

For the reasons described above, this AD requires installation of FCGS SW X11 STD.

This AD is considered to be partial action and further AD action will follow.

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

Required as indicated, unless accomplished previously:

Modification:

Within 10 months after the effective date of this AD, modify the aeroplane by installing FCGS SW X11 STD in accordance with the instructions of the SB.

Ref. Publications:

Airbus SB A350-42-P012 original issue dated 26 June 2019.

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 10 August 2019.
2. Enquiries regarding this PAD should be referred to the EASA Programming and Continued Airworthiness 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 XWB, E-mail: continued-airworthiness.a350@airbus.com.

