



Notification of a Proposal to issue an Airworthiness Directive

PAD No.: 21-009

Issued: 29 January 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:

SAAB AB

Type/Model designation(s):

SAAB 340B aeroplanes

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

TCDS Number(s): EASA.A.068

Foreign AD: Not applicable

Supersedure: None

ATA 33 – Lighting – Emergency Cabin Lighting Circuit Breaker 2LN – Replacement

Manufacturer(s):

SAAB AB (SAAB), formerly Saab Aircraft AB

Applicability:

SAAB 340B aeroplanes, serial number (s/n) 342, and s/n 359 to 459 inclusive.

Definitions:

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

The SB: SAAB Service Bulletin (SB) 340-33-062.

Affected part: Emergency cabin lighting circuit breaker (CB) 2LN, rated 5A, for installation at position L8.

Serviceable part: Emergency cabin lighting CB 2LN, rated 7.5A, for installation at position L8.



Reason:

An occurrence was reported on a SAAB 340B aeroplane, where the CB for the emergency cabin lighting 2LN tripped without fault in the system. Investigation results found that the CB 2LN has a too low rating (5A) during maximum charging conditions.

This condition, if not corrected, could lead to an insufficiently charged emergency battery, with consequent loss of emergency lighting in the aeroplane cabin, possibly resulting in injury to occupants during an evacuation.

To address this potential unsafe condition, SAAB issued the SB, providing instructions to replace the affected part with a CB having a rating of 7.5A.

For the reason described above, this AD requires replacement of each affected part with a serviceable part, as defined in this AD. This AD also prohibits (re)installation of an affected part.

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

Required as indicated, unless accomplished previously:

CB Replacement:

- (1) Within 6 months or 1 000 flight hours, whichever occurs first after the effective date of this AD, replace the affected part with a serviceable part, as defined in this AD, in accordance with the instructions of the SB.

Parts Installation:

- (2) After modification of an aeroplane as required by paragraph (1) of this AD, do not install an affected part on that aeroplane.

Ref. Publications:

SAAB SB 340-33-062 original issue dated 22 December 2020.

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 26 February 2021.
2. Enquiries regarding this PAD should be referred to the EASA Safety 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](#). 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: SAAB AB, Support and Services, SE-581 88 Linköping, Sweden,
E-mail: Saab340.techsupport@saabgroup.com.

