



Airworthiness Directive

AD No.: 2021-0058

Issued: 01 March 2021

Note: 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:

SAAB AB

Type/Model designation(s):

SAAB 340B aeroplanes

Effective Date: 15 March 2021

TCDS Number(s): EASA.A.068

Foreign AD: Not applicable

Supersedure: None

ATA 33 – Lights – 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. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.
2. This AD was posted on 29 January 2021 as PAD 21-009 for consultation until 26 February 2021. No comments were received during the consultation period.
3. Enquiries regarding this AD should be referred to the EASA Safety 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](#). This may include reporting on the same or similar components, other than those covered by the design to which this AD 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.



5. For any question concerning the technical content of the requirements in this AD, please contact: SAAB AB, Support and Services, SE-581 88 Linköping, Sweden,
E-mail: Saab340.techsupport@saabgroup.com.

