



Notification of a Proposal to issue an Airworthiness Directive

PAD No.: 22-131

Issued: 04 October 2022

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 340 aeroplanes

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

TCDS Number(s): EASA.A.068

Foreign AD: Not applicable

Supersedure: None

ATA 27 – Flight Controls – Stall Warning / Identification System – Modification

Manufacturer(s):

SAAB AB (SAAB), formerly Saab Aircraft AB

Applicability:

SAAB SF340A and SAAB 340B aeroplanes, all serial numbers, except those that have SAAB modification number 2650 (Canada Ice Speed Configuration) embodied.

Definitions:

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

The SB: SAAB Service Bulletin (SB) 340-27-131.

Reason:

Following introduction of the ice speed function within the SAAB 340 stall warning system, a high number of events has been reported related to stall warnings upon landing. Investigation determined that the margin to stall warning is lower when ice speed is ON than with ice speed OFF.

This condition, if not corrected, could lead to inappropriate stall warnings during landing phase and possibly result in increased pilot workload.



To address this potential unsafe condition, SAAB issued the SB, as defined in this AD, to provide instructions for modification of the stall warning/identification system, which introduces an ice speed cancel logic.

For the reason described above, this AD requires modification of the stall warning/identification system.

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

Required as indicated, unless accomplished previously:

Modification:

Within 24 months after the effective date of this AD, modify the stall warning/identification system in accordance with the instructions of the SB.

Ref. Publications:

SAAB SB 340-27-131 original issue dated 12 September 2022.

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 01 November 2022.
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.

