

## Airworthiness Directive

**AD No.:** 2022-0216

**Issued:** 02 November 2022

Note: This 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, or Annex Vb Part ML.A.301, as applicable, 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 Annex Vb Part ML.A.303, as applicable] 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 340 aeroplanes

**Effective Date:** 16 November 2022

**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. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.
2. This AD was posted on 04 October 2022 as PAD 22-131 for consultation until 01 November 2022. The Comment Response Document can be found in the [EASA Safety Publications Tool](#), in the compressed (zipped) file attached to the record for this AD.
3. Enquiries regarding this AD should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: [ADs@easa.europa.eu](mailto: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](mailto:Saab340.techsupport@saabgroup.com).

