



Notification of a Proposal to issue an Airworthiness Directive

PAD No.: 19-021

Issued: 11 February 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:

SAAB AB

Type/Model designation(s):

SAAB 2000 aeroplanes

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

TCDS Number(s): EASA.A.069

Foreign AD: Not applicable

Supersedure: None

ATA 28 – Fuel – Magnetic Fuel Level Indicator – Inspection

Manufacturer(s):

SAAB AB (SAAB), formerly Saab Aircraft AB

Applicability:

SAAB 2000 aeroplanes, all serial numbers.

Definitions:

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

The SB: SAAB Service Bulletin (SB) 2000-28-027.

Affected part: Magnetic fuel level indicators, having Part Number 35081587.

Serviceable part: An affected part that is new (not previously installed); or an affected part that has passed (no crack detected) the inspection in accordance with the instructions of the SB.

Reason:

Occurrences have been reported where, during maintenance, magnetic fuel level indicators were found with cracks in the O-ring groove. Investigation results indicate that these cracks may be due



to over-torque during installation of the unit, although the applicable Aircraft Maintenance Manual instructs that the proper nut torque is between 2.8 and 3.4 Nm.

This condition, if not detected and corrected, could lead to failure of an indicator, possibly resulting in a puncture of the fuel tank bottom, with consequent fuel leakage and risk of fuel starvation.

To address this potential unsafe condition, SAAB issued the SB to provide inspection instructions.

For the reason described above, this AD requires a one-time inspection of affected parts and, depending on findings, accomplishment of applicable corrective action(s).

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

Required as indicated, unless accomplished previously:

Inspection(s):

- (1) Within 3 000 flight hours or 24 months, whichever occurs first after the effective date of this AD, remove and inspect each affected part in accordance with the instructions of the SB.

Corrective Action(s):

- (2) If, during the inspection as required by paragraph (1) of this AD, any crack is detected on an affected part, before next flight, replace that affected part with a serviceable part.

Parts Installation:

- (3) From the effective date of this AD, it is allowed to install on any aeroplane an affected part, provided that it is a serviceable part, as defined in this AD.

Ref. Publications:

SAAB SB 2000-28-027 original issue dated 15 January 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 11 March 2019.
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](#).
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: Saab2000.techsupport@saabgroup.com.

