
Section 1. Swedish Manufactured Aeronautical Products

AIRWORTHINESS

DIRECTIVE NO: 1-156

AIRCRAFT TYPE: SAAB SF 340A and SAAB 340B

SERIAL No:s SAAB SF340A -004 through -159 with installed Refuel/Defuel Panel Part
AFFECTED: Number 7239160-505

SAAB 340B -160 through -459 with installed Refuel/Defuel Panel Part Number
7239160-505

SUBJECT: Fuel - Indication - Inspection of the electrical connector to the Refuel/Defuel
Panel.

BACKGROUND: Service experience has shown that electrical shorts and arcing can occur at
the Illuminated Placard Connector at the wing Refuel/Defuel Panel. These
electrical shorts are caused by fluid ingress through the mounting hole to the
unsealed Illuminated Placard Connector.

The Illuminated Placard is supplied with 28VDC power only when the
Refuel/Defuel Panel Switch is selected to on. That is with the aircraft on the
ground during refuelling or de-fuelling.

Electrical arcing at the Refuel/Defuel Panel Illuminated Placard Connector
offers a potential ignition source for fuel vapors during fueling procedures.

The Mandatory Service Bulletin Saab Aircraft AB SAAB 340-28-022 dated 25
February, 2000 describes the steps necessary to inspect and corrective action
to the electrical connector at the Refuel/Defuel Panel Illuminated Placard

REFERENCE Saab Aircraft AB Mandatory Service Bulletin
DOCUMENTS: Saab 340-28-022 dated 25 February, 2000

ACTIONS: Perform actions described in Saab Aircraft AB Mandatory Service Bulletin
Saab 340-28-022 dated 25 February, 2000 or later revision.

LFS 2000:26

The actions contained in this directive and reference document(s) have been classified as mandatory for aircraft on Swedish register

Mail address	Office address	Telephone No	Cable address	Telex address
SE-601 79 NORRKÖPING SWEDEN	Vikboplan 11	Nat 011 19 20 00 Int +46 11-19 20 00 Fax +46 11 19 27 74 +46 11 19 25 75	Civilair Norrköping	64250

COMPLIANCE TIME: Inspection and corrective actions to be performed within 6 months from effective date of this SAD

EFFECTIVE DATE: 2000-02-28

LUFTFARTSVERKET
Aviation Safety Department