

SWEDISH AIRWORTHINESS DIRECTIVES (SAD)

SAD No.
1-016 Rev B
Cancels Rev A

Section 1. Swedish Manufactured Aeronautical Products

AIRWORTHINESS DIRECTIVE No: 1-016 Rev B

AIRCRAFT TYPE: SAAB SF340A (SAAB-FAIRCHILD 340A)

SERIAL No:s 340A-004 through -078, except aircraft with mod No 1422 incorp-
AFFECTED: orated (Mod 1422 ref SB 33-016).

S/N 340A-014, -022, -029, -036, and -050 (corporate models) are also excluded.

SUBJECT: Cabin Fluorescent Lighting System

BACKGROUND: Faulty lamps in the original cabin fluorescent lighting system leads to increased voltage and possible electromagnetic interference with other systems. SAAB-SCANIA AB has therefore designed a new system available for retrofit as mod 1422, SB SF340-33-016. This system is installed in all aircraft S/N 340A-79 and up.

To maintain continued airworthiness for aircraft that are not modified, LFV has determined that a modification of inverters that may have bad solder connections is necessary. In addition a daily inspection is required also after this inverter modification.

- ACTIONS:**
- A) Deactivate the WINDOW AND OVERHEAD lights by pulling and securing cb's F24 and F25.
 - B) Modify inverter assembly P/N 18-994, S/N 650-1992 and P/N 18-996, S/N 1100-3420, in accordance with SB SF340-33-021.
 - C) Inspect the cabin fluorescent lighting system (overhead and window lights) to ensure that all lamps are lit. If a lamp is not lit, it must be corrected prior to flight or the circuit breaker for that part of the system must be opened.

REFERENCE: SAAB SF340A Service Bulletin SF340-33-021

- COMPLIANCE TIME:**
- A) Applies immediately upon receipt of this SAD until action B) is performed.
 - B) Before October 1, 1987.
 - C) Prior to the first flight of the day when Action B) is performed.

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

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