

Section 1. Swedish Manufactured Aeronautical Products

**AIRWORTHINESS**

**DIRECTIVE NO:** 1-196 R1

**AIRCRAFT TYPE:** SAAB SF340A and 340B

**SERIAL No:s  
AFFECTED:** SAAB SF340A -004 through -159 without Saab Aircraft SB 340-24-026 implemented (Mod 2533).  
SAAB 340B -160 through -367 without Saab Aircraft SB 340-24-026 implemented (Mod 2533).

**SUBJECT:** Electrical Power - DC Starter Generator - Brush Inspection and Wear Measurement

**BACKGROUND:** Due to current reliability situation resulting in premature failures of the Starter Generator prior to scheduled overhaul, a repetitive inspection must be performed. A premature failure of the generator can cause a failed engine start or a low voltage situation in flight, if the aircraft is not equipped with the Generator Control Unit 51539-007B (Saab Service Bulletin 340-24-026, Mod No 2533).

**REFERENCE DOCUMENTS:** Saab Aircraft Service Bulletin SAAB 340-24-035 dated 5 July 2004 or later revision and SB 340-24-026.

**ACTIONS:** For generators overhauled in accordance with MRB Task 243104:  
Perform repetitive inspection in accordance with Saab Aircraft Service Bulletin SAAB 340-24-035 within 600-800 FH after last overhaul.  
Generators with more than 800FH since last overhaul must be inspected within 100 FH.  
Generators overhauled or with brush replacement in accordance with MRB Task 243103 or 243101 are not affected by this SAD.

**COMPLIANCE TIME:** To be performed until terminating action has been defined, planned for October 2004.

**EFFECTIVE DATE:** 15 July 2004

**EASA APPROVAL:** This AD is issued by the Swedish Civil Aviation Authority acting for and on behalf of the European Aviation Safety Agency as the Primary Aviation Authority (ICAO Convention Annex 8 Authority of State of Design) for the affected product.  
Approved by the European Aviation Safety Agency under approval number 2004-7512 on 14 July 2004.

**LUFTFARTSVERKET**  
**Aviation Safety Authority**

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

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