

Section 1. Swedish Manufactured Aeronautical Products

AIRWORTHINESS

DIRECTIVE No: 1-036 Revision A

AIRCRAFT TYPE: SAAB SF340A (SAAB FAIRCHILD 340A) and SAAB 340B.

SERIAL No:s

AFFECTED: SF340A-031 through 159, SAAB 340B-160 through 194.

SUBJECT: Stabilizers- Reinspection of top closure rib.

BACKGROUND: Fatigue cracks have been reported in the Vertical Stabilizer top closure rib. This necessitated an inspection programme to evaluate the extent of the fatigue cracks, which could result in friction between the fin and the rudder and ultimately jamming of the rudder. This was called for by SAD 1-026. Further inspections were then needed which were addressed by SAD 1-036

Periodical inspections for an undetermined time is not acceptable under JAA policy, if not covered through the maintenance program. Therefore this revision of the SAD 1-036 is issued to make a terminating action mandatory.

REFERENCE

DOCUMENTS: SAAB-SCANIA AB Service Bulletin SAAB 340-55-022 dated 15 February 1990 or later revision.

SAAB-SCANIA AB Service Bulletin SAAB 340-55-023 dated october 1, 1990 or later revision

ACTIONS:

Inspect the vertical stabilizer top closure rib, stop drill if cracks are detected and apply AL TAPE No. 425 2" wide, according with Service Bulletin SAAB 340-55-022 Rev 1 dated 27 February 1990 or later revision.

Incorporation of SAAB-SCANIA AB Service Bulletin SAAB 340-55-023 will remove the periodical inspection requirement.

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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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COMPLIANCE

TIME:

First inspection for aircraft with more than 500 FH since new within 100 FH from the effective date of this SAD.

Repeated inspections as instructed in Service Bulletin SAAB 340-55-022.

Perform repair described in SAAB-SCANIA AB Service Bulletin SAAB 340-55-023 before 92-08-01.

Norrköping 1991-08-09

LUFTFARTSVERKET

Flight Safety Department

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