

Section 1. Swedish Manufactured Aeronautical Products

Airworthiness Directive No.: 1-035 Revision A

Aircraft Type: SF340A (SAAB-FAIRCHILD 340A)

Serial Nos. Affected: SF340A-004 through -108 for Service Bulletin SAAB 340-57-017
SF340A-004 through -138 for Service Bulletin SAAB 340-55-027

Subject: Wings - Inspection and rework at lower fastener position rear spar web
and lower rear spar cap Ws 42,3 (L/H and R/H)

Stabilizers - Reinforcement of horizontal stabilizer

Background: During the complete airframe fatigue testing, fatigue damage has been experienced in the front and rear spar of the horizontal stabilizer and also in the four fastener positions through the lower part of wing attach fitting, spar web and the lower spar cap at Ws 42,3 (left and right hand wing). If not corrected, this type of damage could result in reduction of the residual strength of the stabilizer and wing to an unacceptable level.

Reference documents: SAAB-SCANIA AB Service Bulletin No. SAAB 340-55-027 and
SAAB-SCANIA AB Service Bulletin No. SAAB 340-57-017

Actions: Perform repair and reinforcement in accordance with SAAB-SCANIA AB Service Bulletin No. SAAB 340-55-027 dated June 28, 1990 and Service Bulletin No. SAAB 340-57-017, dated December 1, 1989, or later revision

Compliance Time: To be performed no later than 16000 flights. In addition, for S/N SF340A-072 no later than 10000 flights for Service Bulletin No. SAAB 340-55-027.

Norrköping 1990-06-29

LUFTFARTSVERKET
Flight Safety Department

LFS: 1990:22

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