

Section 1. Swedish Manufactured Aeronautical Products

**AIRWORTHINESS
DIRECTIVE NO:** 1-115R1

AIRCRAFT TYPE: SAAB SF340A and SAAB 340B

**SERIAL No:s
AFFECTED:** SAAB SF340A-004 through -159
SAAB 340B-160 through -399

SUBJECT: Ice & Rain Protection - Windshield Wipers - Inspection of the Wiper Arm Assembly

BACKGROUND: A windscreen wiper blade separated from the wiper arm while the wiper system was operating in flight. The wiper blade and arm tip separated from the wiper arm at the attachment point consisting of two rivets. Circular marks around the rivet holes on the arm indicate that the rivets had been chattering. Although the wiper blade and arm tip were not recovered, the mode of failure is believed to be failure of the two rivets. The incident resulted in propeller damage and penetration of the left side fuselage skin.

REFERENCE DOCUMENTS: Saab AB Service Bulletin SAAB 340-30-081 dated 14 November, 1997. Note: Windshield wiper arm Alco P/N XW-20500-1-1787-1 was not included in Saab AB Service Bulletin SAAB 340-30-075 dated 29 May 1997, which is cancelled.

ACTIONS: Perform actions described in Saab AB Service Bulletin SAAB 340-30-081 dated 14 November, 1997 or later revision.

COMPLIANCE TIME: For all aircraft with more than 4000 flight hours. Inspect all the SAAB 340 wiper arms within 3 months after effective date of this SAD. Units failing inspection must be repaired or replaced prior to returning to service. Repetitive inspection will be incorporated in the MRB or the AMM.

EFFECTIVE DATE: 17 November, 1997

**LUFTFARTSVERKET
Aviation Safety Department**

LFS 1997:52

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

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