

Section 1. Swedish Manufactured Aeronautical Products

AIRWORTHINESS

DIRECTIVE No: 1-075R1

AIRCRAFT TYPE: SAAB SF 340A and SAAB 340B

SERIAL No:s

AFFECTED: SAAB SF 340A-004 through -159. SAAB 340B-160 and up.

SUBJECT: Landing Gear - Brakes - Inspection of the Brake Stack for Damaged Carbon and Installation of Torque Tube Heat Shield

BACKGROUND: Stationary disk failures in brakes have been reported. These brake failures damaged the wheels causing them to collapse. In one case this led to a brake fire, in another, retraction of one main landing gear was prevented.

**REFERENCE
DOCUMENTS:**

Saab Aircraft AB Service Bulletin 340-32-105 with attachment 1. (ABS SB SAAB 340-32-A36) and attachment 2. (ABS SB SAAB 340-32-A37).
SAAB Service Bulletin SAAB 340-32-110.

ACTIONS:

To prevent stationary disk failures perform actions described in attachment 1 and 2 of Saab Aircraft AB Service Bulletin 340-32-105 dated 5 september 1995 or later revision.

COMPLIANCE

TIME:

1. The first inspection given in SAAB SB 340-32-105 attachment 1 (SB340-32-A36Rev.2) to be performed not later then 10 September 1995.

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

2. The first inspection given in SAAB SB 340-32-105 attachment 2 (SB340-32-A37Rev.1) to be performed not later than 14 September 1995.
3. Installation of the torque tube heat shield within 225 flight hours after the first inspection.
4. Repetitive inspection to be performed maximum 225 flight hours interval.

Note 1: The inspection procedures given in the Service Bulletin remain in effect until action according to SAAB Service Bulletin SAAB 340-32-106 has been taken.

Note 2: Incorporation of SAAB Service Bulletin SAAB 340-32-110 with attachments 1 and 2 allow for removal of the heat shield.

Norrköping 30 January, 1997
LUFTFARTSVERKET
Aviation Safety Department

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