
Section 1. Swedish Manufactured Aeronautical Products

AIRWORTHINESS

DIRECTIVE NO: 1-170

AIRCRAFT TYPE: SAAB 340

SERIAL No:s SAAB SF340A - 004 through -159.

AFFECTED: SAAB 340B - 160 through 459.

SUBJECT: Hydraulic Power - Life Limitation of Hydraulic Hoses

BACKGROUND: A large number of fatigue failures have occurred to hoses in areas where they are affected by both high pressure and bending cycles. Loss of hydraulic pressure and fluid quantity result in loss of normal landing gear extension/retraction, flap settings and nose wheel steering. Replacing the hoses by limiting their lifetime will reduce the number of hose failures.

REFERENCE DOCUMENTS: Saab Aircraft AB Mandatory Service Bulletin SAAB 340-29-022 dated 14 December 2001 or later revision.

ACTIONS: Perform action described in Saab Aircraft AB Mandatory Service Bulletin SAAB 340-29-022 dated 14 December 2001 or later revision.

COMPLIANCE TIME: For a/c with hoses which have accumulated 12000 flight cycles or more, to be performed within 5000 flight cycles, but not later than 2 years from effective date of this SAD.

For a/c with hoses which have accumulated less than 12000 flight cycles, to be performed at 12000 flight cycles or within 2 years from effective date of this SAD, whichever occurs later.

NOTE: These hydraulic hoses will be incorporated in the Maintenance Review Board report under section F - System Life Limited Parts.

EFFECTIVE DATE: 17 December 2001

LFS: 2001:155

LUFTFARTSVERKET
Aviation Safety Department