

SWEDISH AIRWORTHINESS DIRECTIVES (SAD)

SAD No 1-102R1
Cancels SAD 1-102

Section 1. Swedish Manufactured Aeronautical Products

AIRWORTHINESS DIRECTIVE No:

1-102R1

AIRCRAFT TYPE:

SAAB 2000

SERIAL No:s AFFECTED:

SAAB 2000-002 through -023

SUBJECT:

Wings-Installation of Staked Bushings in the Aileron Actuation Fittings

BACKGROUND:

It has been revealed that the bushings in the aileron actuation fittings can get loose. A loose bushing can cause vibrations and damage to the fitting lugs due to incorrect load distribution. Incorrect load distribution to the fitting lugs can reduce the fatigue performance. This can cause fitting lugs failure, resulting in loss of control of the aileron.

REFERENCE DOCUMENTS:

Saab Aircraft AB Service Bulletin SAAB 2000-57-014 Revision 01 dated 7 November, 1996.

ACTIONS:

Perform actions described in Saab Aircraft AB Service Bulletin SAAB 2000-57-014 Revision 01 dated 7 November, 1996, or later revision.

COMPLIANCE TIME:

Inspection of the bushing installation to be performed within 100 flight hours after initial release date (24 Sept. 1996) of this SAD.

Inspection to be repeated every 300 flight hours until the staked bushings are installed as a terminating action.

The inspection interval can be extended to 600 flight hours after installation of washers as a temporary prevention action.

Implementation of the modification with staked bushings to be performed as a terminating action within 3000 flight hours after initial release date (24 Sept. 1996) of this SAD.

EFFECTIVE DATE:

8 November, 1996

LUFTFARTSVERKET
Flight Safety Department

LFS 1996:65

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