



LUFTFARTSVERKET
Aviation Safety Department

**SWEDISH AIRWORTHINESS
DIRECTIVES (SAD)**

SAD No 1-164

Section 1. Swedish Manufactured Aeronautical Products

AIRWORTHINESS

DIRECTIVE NO: 1-164

AIRCRAFT TYPE: SAAB 2000

SERIAL No:s

AFFECTED: SAAB 2000-004 through -012, -015, -018, -022, -024, -026, -029, -031 through -033, -035 through -039, -041, -047 -048, -051, -054, and -056 through -063.

SUBJECT: Hydraulic system - Number 2 system - Change of the dual shuttle valve

BACKGROUND: The fatigue test has revealed that the dual shuttle valve body may crack with loss of hydraulic pressure to left inboard elevator. This results in a slight reduction of maximum elevator rate on failed side. Full elevator authority still remains. Installation of a new dual shuttle valve will eliminate the risk of a valve body fatigue failure.

REFERENCE DOCUMENTS: Saab Aircraft AB Mandatory Service Bulletin SAAB 2000-29-020 dated 14 August 2001.

ACTIONS: Perform actions described in Saab Aircraft AB Mandatory Service Bulletin SAAB 2000-29-020 dated 14 August 2001 or later revision.

COMPLIANCE TIME: To be performed within 15000 Flight Hours after implementation of Mod No 5952

EFFECTIVE DATE: 17 August 2001

LFS: 2001:100

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

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