

SWEDISH AIRWORTHINESS DIRECTIVES (SAD)

Section 1. Swedish Manufactured Aeronautical Products

AIRWORTHINESS

DIRECTIVE NO: 1-199

AIRCRAFT TYPE: SAAB SF340A and 340B

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

AFFECTED: SAAB 340B -160 through -459.

SUBJECT: Landing Gear – Main landing Gear Shock Strut – Replace Faulty Uplock Axles

BACKGROUND: A cracked uplock axle (P/N AIR 123906) has been found. This has been caused by effect of hydrogen embrittlement during the manufacturing process. All uplock axles produced in the same batch must be removed from service and scrapped.

A cracked uplock axle is a hidden failure and may together with another fault lead to an unsafe condition.

REFERENCE DOCUMENTS: Saab Aircraft AB Service Bulletin SAAB 340-32-132, dated 03 November or later version

ACTIONS: Perform actions described in Saab Aircraft AB Service Bulletin SAAB 340-32-132, dated 03 November or later version.

COMPLIANCE TIME: To be performed within 6 months from effective date of this SAD.

EFFECTIVE DATE: 9 November 2005

EASA APPROVAL: This AD is issued by the Swedish Civil Aviation Authority acting for and on behalf of the European Aviation Safety Agency as the Primary Aviation Authority (ICAO Convention Annex 8 Authority of State of Design) for the affected product.
Approved by the European Aviation Safety Agency under approval number 2005-6405 on 9 November 2005.

LUFTFARTSSTYRELSEN / Swedish Civil Aviation Authority

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

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