

PŘÍKAZ K ZACHOVÁNÍ LETOVÉ ZPŮSOBILOSTI

CAA-AD-026/99

Datum vydání: 25. února 1999

LETADLO - UZEL ZAVĚŠENÍ HLAVNÍCH NOH PODVOZKU - KONTROLA

Týká se: letadel SAAB SF 340A výrobních čísel -004 až -159 a SAAB 340B výrobních čísel -160 až -444.

Datum účinnosti: 25. března 1999

Provést v termínech: jak je popsáno v SAD č. 1-137 (příloha tohoto PZZ).

Postup provedených prací: dle SAD č. 1-137.

Poznámky: Provedení tohoto PZZ musí být zapsáno do letadlové knihy. Případné dotazy týkající se tohoto PZZ adresujte na ÚCL technický inspektorát - Ing. Stibůrek. Pokud to vyžaduje povaha tohoto PZZ musí být zapracován do příslušné části dokumentace pro obsluhu, údržbu a opravy letadla. Tento PZZ byl vypracován na základě SAD č. 1-137.

Ing. Pavel MATOUŠEK
Ředitel technického inspektorátu
Úřad pro civilní letectví

LUFTFARTSVERKET Aviation Safety Department SWEDISH AIRWORTHINESS DIRECTIVES (SAD)

SAD No 1-137

Section 1. Swedish Manufactured Aeronautical Products

AIRWORTHINESS DIRECTIVE NO: 1-137

AIRCRAFT TYPE: SAAB SF 340A and SAAB 340B

SERIAL No's AFFECTED: SAAB SF 340A -004 through -159 and SAAB 340B -160 through -444

SUBJECT: Wings - Attach fittings - Inspection of the Bearing housings of the main landing gear support assembly

BACKGROUND:

During replacement of landing gear support assembly bearings, pitting corrosion has been found in the outboard and inboard bearing housings. This is most probably caused by moisture intrusion between the bearing and bearing housing surface. These fittings are currently classified as Safe Life item and normally not considered as Fatigue Critical. Pitting corrosion may initiate fatigue cracks leading to a reduction of the fatigue life of the support assembly.

This SAD calls out an inspection of the bearing installation and gives instruction for an improved installation of the bearings and or repair/replacement of the support assembly if necessary.

Adding an entering radius on the bearing outer surface will avoid damage on the anodized surface in the bearing housings during installation. Improvement of the surface treatment in the bearing housing and sealing after the bearing installation will minimize the possibility for corrosion.

REFERENCE DOCUMENTS: Saab Aircraft AB Mandatory Service Bulletin SAAB 340-57-034 dated 28, January 1999

ACTIONS: : Perform actions described in Saab Aircraft AB Mandatory Service Bulletin SAAB 340-57-034 dated 28 January 1999 or later revision

COMPLIANCE TIME:

For A/C with 32000 accumulated flights or more, to be performed within 4000 flights from effective dated of this SAD.

For A/C with 24000 - 32000 accumulated flights, to be performed within 6000 flights from effective date of this SAD.

For A/C with less than 24000 accumulated flights, to be performed at scheduled overhauls (at 12000 or 24000 accumulated flights) of the landing gears or within 6000 flights from effective date of this SAD.

EFFECTIVE DATE: 3 February,1999