

PŘÍKAZ K ZACHOVÁNÍ LETOVÉ ZPŮSOBILOSTI

CAA-AD-109/1999

Ruší CAA-AD-026/1999

Datum vydání: .02. listopadu 1999

LETADLO - UZLY ZAVĚŠENÍ HLAVNÍHO PODVOZKU - KONTROLA/VÝMĚNA

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

Datum účinnosti: 02. prosince 1999

Provést v termínech: Jak je popsáno v SAD č. 1-146 (příloha tohoto PZZ).

Postup provedení prací: Dle SAD č. 1-146.

Poznámky: Provedení tohoto PZZ musí být zapsáno do motorové knihy. Případné dotazy týkající se tohoto PZZ adresujte na ÚCL technický inspektorát - Ing. Toman. 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. 1-146, který ruší SAD č. 1-137.

Ing. Pavel MATOUŠEK
Ředitel technického inspektorátu
Úřad pro civilní letectví

SAD AIRWORTHINESS DIRECTIVE NO:1-146

CancelS SAD No 1-137

AIRCRAFT TYPE: SAAB SF 340A, SAAB 340B

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

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

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.

SAD No 1-137 issued 3 February, 1999 has been shown not to address appropriate action and is therefore cancelled.

REFERENCE DOCUMENTS: Saab Aircraft AB Mandatory Service Bulletin SAAB 340-57-036

dated 20 October, 1999

ACTIONS: Perform actions described in Saab Aircraft AB Mandatory Service Bulletin SAAB 340-57-036

dated 20 October, 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 whichever occurs later.

EFFECTIVE DATE: 20 October, 1999