

SWEDISH AIRWORTHINESS DIRECTIVES (SAD)

SAD No1-037
Cancels SAD
No 1-028 Rev A

Section 1. Swedish Manufactured Aeronautical Products

AIRWORTHINESS

DIRECTIVE No: 1-037

AIRCRAFT TYPE: SAAB SF340A (SAAB FAIRCHILD 340A)

SERIAL No:s

AFFECTED: SF340A-004 through 159

SUBJECT: Autocoarsen System - Introduction of new ECU.

BACKGROUND: During engine spool down spurious torque signals from the ECU to the Autocoarsen computer could lead to an uncoarsen status. As an interim solution this was prevented by actions described in LFV SAD No 1-028.

A new improved ECU has been developed by GE. Among the improvements is reduced possibility of spurious torque signals. Removal of the interim solution and installation of the new ECU is the terminating action of SAD No. 1-028.

REFERENCE DOCUMENTS: GE Aircraft Engines CT7 Turboprop Service Bulletin 76-16, SAAB-SCANIA Service Bulletin 340-77-006.

ACTIONS:

1. Install new ECU according to General Electric SB; GE 74-16.
2. Disable SAAB-SCANIA Service Bulletin SAAB SF340-61-020 Mod no 1931 Installation of Relay for additional protection and Service Bulletin SAAB SF340-77-003 Mod no 1343 Engine Indicating - Elimination of torque signals during start and feather mode, according to SAAB-SCANIA Service Bulletin SF340-77-006.
3. After Completion of above Service Bulletins the airplane shall be operated in accordance with applicable AFM, case "Mod 1931 not installed"

COMPLIANCE

TIME: To be accomplished before 1990-06-30

Norrköping 1990-03-16
LUFTFARTSVERKET
Flight Safety Department

LFS 1990:9

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