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Section 1. Swedish Manufactured Aeronautical Products

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**AIRWORTHINESS**

**DIRECTIVE NO:** 1-174

**AIRCRAFT TYPE:** SAAB 2000

**SERIAL No:s**

**AFFECTED:** SAAB 2000 - 004 through - 063

**SUBJECT:** Nacelle - Front Spar - Inspection of Shear Angles

**BACKGROUND:** Inspections in the full-scale fatigue unit have revealed cracks in the Shear Angles attaching the nacelle to the front spar of the wing. Subsequent inspections of aircraft in service revealed cracks in the affected areas on one occasion.

If propagating, these cracks will compromise the structural integrity of the wing/nacelle interface. Referenced Service Bulletin gives the instructions for inspection of the Shear Angle on each nacelle (4ea).

**REFERENCE DOCUMENTS:** Saab Aircraft Mandatory Service Bulletin SAAB 2000-54-026 dated 26 April, 2002 or later revision.

**ACTIONS:** Perform actions described in Saab Aircraft Mandatory Service Bulletin SAAB 2000-54-026 dated 26 April, 2002 or later revision.

**COMPLIANCE TIME:** For aircraft with more than 14000 flights: To be performed within 500 flights calculated from release date of Service Bulletin SAAB 200-54-026 and then repetitively according to table 1 in referenced Service Bulletin until terminating action described in Saab Aircraft Service Bulletin SAAB 2000-54-027 is performed.

For aircraft with between 10000 and 14000 flights: To be performed within 1000 flights calculated from release date of Service Bulletin SAAB 200-54-026 but not later than 14500 flights and then repetitively according to table 1 in referenced Service Bulletin until terminating action described in Saab Aircraft Service Bulletin SAAB 2000-54-027 is performed.

For aircraft with less than 10000 flights: To be performed within 2000 flights calculated from release date of Service Bulletin SAAB 200-54-026 but not later than 11000 flights and then repetitively according to table 1 in referenced Service Bulletin until terminating action described in Saab Aircraft Service Bulletin SAAB 2000-54-027 is performed.

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

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**EFFECTIVE**            30 April 2002  
**DATE:**

**LFS:**                    2002:57

**LUFTFARTSVERKET**  
**Aviation Safety Department**