

**Aviation Safety Investigation Report
199301240**

**Saab Aircraft AB
SF-340A**

06 May 1993

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NOTE: All air safety occurrences reported to the ATSB are categorised and recorded. For a detailed explanation on Category definitions please refer to the ATSB website at www.atsb.gov.au.

Occurrence Number: 199301240 **Occurrence Type:** Incident
Location: Devonport
State: TAS **Inv Category:** 4
Date: Thursday 06 May 1993
Time: 0935 hours **Time Zone:** EST
Highest Injury Level: None

Aircraft Manufacturer: Saab Aircraft AB
Aircraft Model: SF-340A
Aircraft Registration: VH-KDI **Serial Number:** 131
Type of Operation: Air Transport Domestic Low Capacity Passenger
Damage to Aircraft: Nil
Departure Point: Melbourne VIC
Departure Time: 0840 EST
Destination: Devonport TAS

Approved for Release: Monday, March 28, 1994

The right engine failed on descent into Devonport. The engine was shut down and the aircraft landed without incident.

The engine was disassembled and it was found that the gas generator second stage cooling plate had disintegrated. Extensive foreign object damage had affected the remaining components of the gas generator turbine.

Failure of the second stage cooling plate was a problem known to the manufacturer. A modified plate of improved durability had been introduced by SB72-352. The failed unit was of pre-modification status. As well as progressive introduction of the improved plates into the fleet when the engines are overhauled, the area is subject to regular borescope inspections.
