

**Aviation Safety Investigation Report  
199400251**

**Saab Aircraft AB  
340**

**19 January 1994**

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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](http://www.atsb.gov.au).**

The Bureau did not conduct an on scene investigation of this occurrence. The information presented below was obtained from information supplied to the Bureau.

**Occurrence Number:** 199400251                      **Occurrence Type:** Incident  
**Location:** Wyong  
**State:** NSW    **Inv Category:** 4  
**Date:** Wednesday 19 January 1994  
**Time:** 1745 hours                                      **Time Zone**                      ESuT  
**Highest Injury Level:** None

**Aircraft Manufacturer:** Saab Aircraft AB  
**Aircraft Model:** SF-340B  
**Aircraft Registration:** VH-LIH    **Serial Number:** 316  
**Type of Operation:** Air Transport Domestic Low Capacity Passenger Scheduled  
**Damage to Aircraft:** Nil  
**Departure Point:** Casino NSW  
**Departure Time:**  
**Destination:** Sydney NSW

**Approved for Release:** Tuesday, August 30, 1994

The aircraft was descending in icing conditions with the engine anti-icing system selected ON. A loud bang was heard from the right engine and the aircraft yawed to the right with an associated reduction in torque. The right ignition light illuminated followed by right engine re-light with subsequent normal engine operation. The descent continued for an uneventful landing.

Investigation found one compressor blade bent. The blade was dressed in accordance with approved procedures. A subsequent ground test determined the engine anti-icing system was serviceable. It is likely that ice ingestion resulted in a short term power 'rollback' coupled with minor compressor blade damage. Power was restored by the normal functioning of the auto-ignition system.