

**Aviation Safety Investigation Report
199400602**

**Airbus
A300-B4-203**

08 March 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.

Occurrence Number: 199400602 **Occurrence Type:** Incident
Location: Brisbane
State: QLD **Inv Category:** 4
Date: Tuesday 08 March 1994
Time: 1147 hours **Time Zone** EST
Highest Injury Level: None

Aircraft Airbus
Manufacturer:
Aircraft Model: A300-B4-203
Aircraft Registration: VH-TAA **Serial Number:** 134

Type of Operation: Air Transport Domestic High Capacity Passenger
Scheduled

Damage to Aircraft: Minor

Departure Point:

Departure Time:

Destination:

Approved for Release: Tuesday, March 12, 1996

At about 120 kts on the takeoff roll, the crew heard a loud bang followed by a series of lesser bangs, accompanied by significant vibration. The takeoff was rejected and the aircraft was brought to a stop without further incident.

The initial investigation found substantial internal damage to the number two engine. Later specialist strip examination of the engine determined that a single stage nine blade from the high pressure compressor had failed due to progress of high cycle fatigue cracking. It was found that the cracking had propagated from an impact mark at the trailing edge of the blade, close to the root. The specialist report considers that this mark, caused by impact from a foreign object, was the root cause of the failure event.

The investigation found that there were no operational aspects associated with the occurrence.

