

**Aviation Safety Investigation Report
199801372**

**British Aerospace Plc
BAe 146-200A**

17 April 1998

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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: 199801372 **Occurrence Type:** Incident
Location: Darwin, Aerodrome
State: NT **Inv Category:** 4
Date: Friday 17 April 1998
Time: 0610 hours **Time Zone** CST
Highest Injury Level: None

Aircraft British Aerospace Plc
Manufacturer:
Aircraft Model: BAe 146-200A
Aircraft Registration: VH-JJP **Serial** E2037
Number:
Type of Operation: Air Transport Domestic High Capacity Passenger
Scheduled
Damage to Aircraft: Nil
Departure Point: Darwin NT
Departure Time:
Destination: Groote Eylandt NT

Approved for Release: Monday, July 13, 1998

As the aircraft reached approximately 20 kts during the take-off roll, No 2 engine failed. The takeoff was rejected. No other damage to the aircraft was reported.

The engine examination by the aircraft operator revealed that all first-stage blades had failed adjacent to their blade platforms. The damage was most likely caused by failure of blade No 35, which failed in high cycle fatigue emanating from the blade trailing edge.

The operator experienced several similar failures previously. The engine manufacturer was aware of the problem and was undertaking corrective action.

