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Aviation Safety Investigation Report
199900580
British Aerospace Plc
Jetstream
04 February 1999

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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.

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Aviation Safety Investigation Report 199900580

Occurrence Number:

199900580

Occurrence Type:

Incident

Location:

56km SW Williamtown, Aerodrome

State:

NSW

Inv Category:

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Date:

Thursday 04 February 1999

Time:

1848 hours

Time Zone

ESuT

Highest Injury Level:

None

Aircraft Manufacturer:

British Aerospace Plc

Aircraft Model:

3107

Aircraft Registration:

VH-TQK

Serial Number:

705

Type of Operation:

Air Transport Domestic Low Capacity Passenger Scheduled

Damage to Aircraft:

Nil

Departure Point:

Williamtown NSW

Departure Time:

Destination:

Sydney NSW

Approved for Release:

Tuesday, July 20, 1999

While conducting a regular public transport operation between Williamtown and Sydney, the pilot of a British

Aerospace J31 secured the right engine of the aircraft after it auto shut down.

He informed the air traffic controller

who then issued a clearance to proceed direct to Sydney.

The investigation revealed that a support bearing in a gearshaft had failed within the engine gearbox, disconnecting

the gear shaft. This deprived the oil pump, fuel control unit, and fuel pump of drive, thereby shutting down the

engine. The bearing failure is the subject of a major defect report to the Civil Aviation Safety Authority.