

**Aviation Safety Investigation Report
198401424**

Britten Norman BN-2A-21

25 November 1984

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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: 198401424 **Occurrence Type:** Accident

Location: Wilton NSW

Date: 25 November 1984 **Time:** 1248

Highest Injury Level: Minor

Injuries:

	Fatal	Serious	Minor	None
Crew	0	0	0	0
Ground	0	0	0	-
Passenger	0	0	4	8
Total	0	0	5	8

Aircraft Details: Britten Norman BN-2A-21

Registration: VH-ISI

Serial Number:

Operation Type: Parachuting

Damage Level: Destroyed

Departure Point: Wilton NSW

Departure Time: 1248

Destination: Wilton NSW

Approved for Release: 11th July, 1985

Circumstances:

At a height of about 200 feet after take-off the right engine lost power. The pilot feathered the propeller and commenced a gentle left turn in order to return to the strip. He later advised that the aircraft began to sink towards some large trees and he was forced to increase the angle of bank in an effort to avoid them. Shortly afterwards the aircraft struck the ground heavily in an adjacent paddock about 1 kilometre from the strip. The engine failure was caused by jamming of accessory drive gearing as a result of the effects of excessive wear within a magneto. It was probable that a mandatory inspection of the magneto which fell due 84 flying hours before the accident, was not conducted. On take-off the aircraft weight exceeded the authorised limit, however following the engine failure the pilot was able to maintain straight and level flight. A cleared area of ground lay ahead and just to the left of the flight path but the pilot had considered the aircraft had sufficient performance capability to permit a return to the strip.