

**Aviation Safety Investigation Report
198400029**

Piper PA28R

4 July 1984

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Investigations commenced on or before 30 June 2003, including the publication of reports as a result of those investigations, are authorised by the CEO of the Bureau in accordance with Part 2A of the Air Navigation Act 1920.

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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: 198400029
Location: Gympie QLD
Date: 4 July 1984
Highest Injury Level: Nil
Injuries:

Occurrence Type: Accident

Time: 1340

	Fatal	Serious	Minor	None
Crew	0	0	1	1
Ground	0	0	0	-
Passenger	0	0	0	1
Total	0	0	0	2

Aircraft Details: Piper PA28R
Registration: VH-RQN
Serial Number:
Operation Type: Pleasure Flight
Damage Level: Substantial
Departure Point: Maroochydore QLD
Departure Time: 1317
Destination: Gympie QLD

Approved for Release: 26th March 1985

Circumstances:

The pilot reported that, after commencing the take-off with flaps up, he selected 10 degrees of flap and rotated at 60 knots. Although the aircraft became airborne it did not climb normally. The aircraft struck a telephone line near the end of the strip and then landed in a paddock before passing under a power line. With full power still applied, the pilot attempted to clear a fence but the wing leading edges struck fenceposts. The aircraft landed heavily and came to rest 478 metres from the strip end. The take-off performance had been degraded by a loss of engine power resulting from unserviceable piston rings in two cylinders. The aircraft was being operated at some 120 Kilograms in excess of the weight extracted from the performance charts as being the maximum allowable for the strip length.