

**Aviation Safety Investigation Report
198800118**

Piper PA28-180R

26 April 1988

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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: 198800118 **Occurrence Type:** Accident

Location: Condeena (10 km South of Katanning) WA

Date: 26 April 1988 **Time:** 0645

Highest Injury Level: Nil

Injuries:

	Fatal	Serious	Minor	None
Crew	0	0	1	1
Ground	0	0	0	-
Passenger	0	0	0	3
Total	0	0	0	4

Aircraft Details: Piper PA28-180R

Registration: VH-KIE

Serial Number: 28R-30308

Operation Type: Private

Damage Level: Substantial

Departure Point: Gnowangerup WA

Departure Time: 630

Destination: Condeena WA

Approved for Release: 13/02/1989

Circumstances:

The pilot had flown the aircraft, without incident, a number of times prior to the accident flight. He made a full flap, normal approach to land after checking that the landing gear was down and locked. The wind at the time was a light crosswind from the left. Touchdown was normal, but immediately afterwards the right gear leg collapsed. The aircraft veered sharply to the right and the other gear legs failed. The aircraft slid to a halt on its lower fuselage. The strip had a transverse gradient of three percent down to the right. Witness evidence and ground markings confirmed that the touchdown was normal. Inspection of the damaged components of the right gear indicated that the initial failure had been from overload forces. No significant pre-existing damage was evident.

Significant Factors:

Although the touchdown was reported to be normal, it is possible that the combination of forces created by the transverse gradient, the crosswind and the touchdown caused the landing gear to fail.