

**Aviation Safety Investigation Report
199002012**

Piper PA25-235

14 October 1990

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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.

This accident was not formally investigated by the Bureau.

Occurrence Number: 199002012 **Occurrence Type:** Accident
Location: "Strath Avon", 46 km SW of Nyngan NSW
Date: 14 October 1990 **Time:** 940
Highest Injury Level: Nil
Injuries:

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

Aircraft Details: Piper PA25-235
Registration: VH-HGQ
Serial Number: 25-5398
Operation Type: Aerial Work
Damage Level: Destroyed
Departure Point: Parkes NSW
Departure Time: 800
Destination: "Strath Avon" NSW

Approved for Release: 10th July 1991

Circumstances:

The pilot was landing at a property prior to conducting crop spraying. During the landing roll, the aircraft veered off the strip and overturned in a wheat crop. A subsequent investigation established the left mainwheel hub had failed due to a fatigue crack, allowing the wheel to travel up the landing gear leg. A partial collapse of the left leg then resulted when the axle dug into the ground. The crack had originated from corrosion pitting on the inner wheel half interior surface, which was not visible with the wheel in situ.