

**Aviation Safety Investigation Report
199001135**

Piper PA 28-161

5 January 1990

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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: 199001135
Location: Bendigo VIC
Date: 5 January 1990
Highest Injury Level: Nil
Injuries:

Occurrence Type: Accident

Time: 1525

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

Aircraft Details: Piper PA 28-161
Registration: VH-WHA
Serial Number: 28-7916268
Operation Type: Aerial Work
Damage Level: Substantial
Departure Point: Bendigo VIC
Departure Time: N/A
Destination: Bendigo VIC

Approved for Release: 3rd June 1991

Circumstances:

The student was doing the take-off with the instructor talking him through the sequence. As the aircraft became airborne a "thump" was felt. The right main wheel and inner strut assembly had become separated from the outer strut assembly and was hanging below the aircraft attached only by the brake hose. After emergency services were alerted and in position, the aircraft was landed by the instructor on the grass area beside the runway. Inspection of the aircraft showed that the upper torque link lugs, where the link attaches to the outer strut assembly, had fractured. The reason the lugs fractured was not determined.

Significant Factors:

The following factor was considered relevant to the development of the accident

1. Fracture of the right main gear leg upper torque link attachment lugs, reason not determined. This accident was not the subject of an on-scene investigation.