

**Aviation Safety Investigation Report
198800721**

Cessna 402-B

4 July 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: 198800721
Location: Parndana SA
Date: 4 July 1988
Highest Injury Level: Nil
Injuries:

Occurrence Type: Accident

Time: 1055

	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: Cessna 402-B
Registration: VH-UBI
Serial Number: 402B0028
Operation Type: Supplementary Airline
Damage Level: Substantial
Departure Point: Kingscote SA
Departure Time: 1050
Destination: Parndana SA

Approved for Release: 21 October 1988

Circumstances:

During the landing roll at approximately 65 knots, the aircraft began to veer to the left. The undercarriage position indicator still showed the gear down and locked, but the left wing then began to drop. By the time the left wingtip touched the ground, the left maingear green light had gone out and the landing gear warning horn activated. The aircraft skidded for about 200 metres with the left wingtip on the grass, and came to rest some 50 metres from the runway centreline. An inspection of the aircraft by the pilot after the accident revealed that the left main leg had detached completely from its mounting and the main pivot pin was missing.

Significant Factors:

It was considered that the following factors were relevant to the development of the accident

1. Fatigue failure of the roll pin, probably due to misalignment and incorrect rigging of the trunnion shaft assemblies.
2. Inadequate lubrication of components.