

**Aviation Safety Investigation Report
198502534**

Cessna 310N

7 May 1985

Readers are advised that the Australian Transport Safety Bureau investigates for the sole purpose of enhancing transport safety. Consequently, Bureau reports are confined to matters of safety significance and may be misleading if used for any other purposes.

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.

Investigations commenced after 1 July 2003, including the publication of reports as a result of those investigations, are authorised by the CEO of the Bureau in accordance with the Transport Safety Investigation Act 2003 (TSI Act). Reports released under the TSI Act are not admissible as evidence in any civil or criminal proceedings.

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: 198502534
Location: Cudal NSW
Date: 7 May 1985
Highest Injury Level: Nil
Injuries:

Occurrence Type: Accident

Time: 1755

	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 310N
Registration: VH-KOM
Serial Number:
Operation Type: Charter (Cargo)
Damage Level: Substantial
Departure Point: Cudal NSW
Departure Time: N/A
Destination: Bankstown NSW

Approved for Release: 20th February 1986

Circumstances:

On the two previous landings the pilot noticed a nose wheel shimmy during the landing roll. As his next stop was at his company's maintenance base, he advised the company of the problem. No nose wheel shimmy was noticed on landing, however, the aircraft was inspected by service personnel. During the subsequent take-off, a violent shimmy developed, the pilot abandoned the take-off as the nose leg strut fractured. The nose leg strut had failed from overload, most probably induced by the sudden onset of severe shimmy. The reason for the shimmy could not be positively established.