

**Aviation Safety Investigation Report
198602347**

Cessna A188B/A1

30 August 1986

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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.

Occurrence Number: 198602347 **Occurrence Type:** Accident
Location: "Allawah" (24km NE Cootamundra) NSW
Date: 30 August 1986 **Time:** 1100 approx
Highest Injury Level: Serious
Injuries:

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

Aircraft Details: Cessna A188B/A1
Registration: VH-PLU
Serial Number:
Operation Type: Aerial Work (Agricultural Spreading)
Damage Level: Destroyed
Departure Point: "Redhill" NSW
Departure Time: 1100 approx
Destination: "Redhill" NSW

Approved for Release: January 20th 1987

Circumstances:

The pilot was conducting spreading operations on a flat paddock, but about 800 metres from one boundary the ground rose sharply by about 200 feet. At the end of a run towards the rising ground a procedure turn was commenced. During the turn, the pilot realised that the aircraft was closer to the rising ground than intended. Despite corrective measures, the pilot was unable to prevent a collision with a tree. The aircraft then struck the ground and came to rest in a further clump of trees. Weather conditions at the time of the accident were overcast, with rain showers and a strong gusty wind. On the runs towards the rising terrain the aircraft was subjected to a substantial tailwind component and possible downdrafts. As the pilot commenced a procedure turn at the end of the last run, the aircraft had drifted further downwind than expected, leaving insufficient margin to complete the turn safely.