

**Aviation Safety Investigation Report
199001968**

Cessna A-188B-A1

10 February 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: 199001968
Location: Pine Ridge NSW
Date: 10 February 1990
Highest Injury Level: Nil
Injuries:

Occurrence Type: Accident

Time: 920

| | 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 A-188B-A1
Registration: VH-SHM
Serial Number: 18802903T
Operation Type: Aerial Work
Damage Level: Substantial
Departure Point: Quirindi NSW
Departure Time: N/K
Destination: Quirindi NSW

Approved for Release: 2nd May 1990

Circumstances:

The pilot was spraying a paddock which required the aircraft to fly over a main power line near the southern boundary. At the completion of a spray run, the aircraft collided with and severed the top three cables of the main power line. The pilot decided to return to Quirindi to land and inspect the aircraft for damage. Before landing, all checks were completed including a functional test of the brakes. The landing was normal until the latter part of the landing roll when the aircraft commenced to veer to the left. The right brake failed as the pilot attempted to correct the swing. The aircraft ground looped, during which the right main gear leg and right flap were damaged. During the wire strike, electrical arcing had burnt a small hole in the right brake line. Although the right brake tested normally prior to landing, brake fluid escaped from the hole during heavy brake application on the landing roll. This report is based on information provided by the pilot.