

**Aviation Safety Investigation Report
198503495**

Cessna A185-E

17 January 1985

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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: 198503495 **Occurrence Type:** Accident
Location: Bendemeer Station, 30 Km NNW of Clermont QLD
Date: 17 January 1985 **Time:** N/K
Highest Injury Level: Nil
Injuries:

	Fatal	Serious	Minor	None
Crew	0	0	1	1
Ground	0	0	0	-
Passenger	0	0	0	2
Total	0	0	0	3

Aircraft Details: Cessna A185-E
Registration: VH-SWE
Serial Number:
Operation Type: Aerial Work (Positioning)
Damage Level: Substantial
Departure Point: Emerald QLD
Departure Time: N/K
Destination: Bendemeer QLD

Approved for Release: March 25th 1986

Circumstances:

After a normal touchdown a swing to the right developed. The swing was controlled initially with rudder, but when the brakes were applied the pilot was unable to maintain directional control. After the aircraft had swung through about 120 degrees the left wheel was dislodged. The left main axle assembly had separated from the leg because a bolt had failed and a section of the broken bolt had jammed between the brake unit and the brake disc, locking the left wheel. The locked wheel caused the remaining bolts to fail. The bolt that failed was found to have been worn by fretting. The aircraft had only operated 20 hours since servicing was carried out to the gear legs. The failed bolt had not been changed at that service.