

**Aviation Safety Investigation Report
198600705**

Cessna 421 B

28 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: 198600705
Location: Parafield SA
Date: 28 August 1986
Highest Injury Level: Nil
Injuries:

Occurrence Type: Accident

Time: 1102

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

Aircraft Details: Cessna 421 B
Registration: VH-TWH
Serial Number:
Operation Type: Private (Ferry)
Damage Level: Substantial
Departure Point: Adelaide SA
Departure Time: 1102
Destination: Parafield SA

Approved for Release: May 12th 1987

Circumstances:

The aircraft had not flown since December 1985 and had been parked in the open. The Maintenance Release had expired, and a Permit to Fly was obtained to allow the aircraft to be ferried to Parafield for maintenance. When the gear was lowered for landing, only the nosegear indicated that it was down and locked. Recycling the system did not result in locked indications being obtained for the main gear, although to persons on the ground it appeared to be down. During the subsequent landing roll the right gear collapsed. The aircraft had been inspected prior to the flight and the engineers had noted that the gear bearings were dry and slightly corroded. They did not bring this to the attention of the pilot and he did not detect the condition during the preflight inspection. When the gear failed to fully extend prior to landing, because of lack of lubrication and corrosion, the pilot discussed the situation with an engineer on the aircraft and they decided that the fault was probably in the gear position indication system. As a result no attempt was made to lower the gear using the emergency system.