

**Aviation Safety Investigation Report
199702065**

**Cessna Aircraft Company
Skywagon**

24 June 1997

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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.

The Bureau did not conduct an on scene investigation of this occurrence. The information presented below was obtained from information supplied to the Bureau.

Occurrence Number: 199702065 **Occurrence Type:** Accident
Location: Darwin, Aerodrome
State: NT **Inv Category:** 4
Date: Tuesday 24 June 1997
Time: 1709 hours **Time Zone** CST
Highest Injury Level: None

Aircraft Manufacturer: Cessna Aircraft Company
Aircraft Model: 185A
Aircraft Registration: VH-AGF **Serial Number:** 1850495
Type of Operation: Non-commercial Practice
Damage to Aircraft: Substantial
Departure Point: Timber Creek NT
Departure Time: 1538 CST
Destination: Darwin NT

Crew Details:

Role	Class of Licence	Hours on	
		Type	Hours Total
Pilot-In-Command	ATPL	1000.0	18000
Other Pilot	Private	10.0	325

Approved for Release: Tuesday, August 5, 1997

The aircraft was being landed on runway 36, with an easterly wind gusting to 10 kts. A three point attitude was used for the landing. After the touchdown, braking was used to slow the aircraft but it developed a swing to the right. The pilot applied left brake to stop the swing but pedal pressure was soon lost. The ground loop continued, resulting in damage to the left main gear and left wing.

An inspection of the left brake system found that the pedal bled to the floor, after initial pressure was obtained, in about one second. No leaks were found. The fault appears to be an internal failure of the master cylinder.

An emergency locator transmitter was carried but it did not activate.