

**Aviation Safety Investigation Report  
198400021**

**Cessna 402**

**12 May 1984**

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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](http://www.atsb.gov.au).**

**Occurrence Number:** 198400021  
**Location:** Archerfield QLD  
**Date:** 12 May 1984  
**Highest Injury Level:** Nil  
**Injuries:**

**Occurrence Type:** Accident

**Time:** 955

	Fatal	Serious	Minor	None
Crew	0	0	2	2
Ground	0	0	0	-
Passenger	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>

**Aircraft Details:** Cessna 402  
**Registration:** VH-CJA  
**Serial Number:**  
**Operation Type:** Aerial Photography  
**Damage Level:** Substantial  
**Departure Point:** Brisbane QLD  
**Departure Time:** 0955  
**Destination:** Archerfield QLD

**Approved for Release:** 27th February, 1985

**Circumstances:**

After landing, a 180 degree turn to the right to backtrack along the runway was planned. As the aircraft was being slowed to taxi speed a gentle left turn to position the aircraft near the left side of the runway was commenced, but the right main gear collapsed. A gear down indication remained on after the aircraft came to a halt. The right main gear retraction push-pull tube bellcrank had developed a fatigue crack in the area of the bushing hole. The bellcrank failed in overload at this crack causing insufficient downlock tension to be maintained on the extended main landing gear. The aircraft had flown 9336 hours at the time of the failure and the left bellcrank had previously been strengthened.