

**Aviation Safety Investigation Report
198503511**

Beech D55

18 May 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: 198503511

Occurrence Type: Accident

Location: Brampton Island QLD

Date: 18 May 1985

Time: 1305

Highest Injury Level: Nil

Injuries:

	Fatal	Serious	Minor	None
Crew	0	0	1	1
Ground	0	0	0	-
Passenger	0	0	0	6
Total	0	0	0	7

Aircraft Details: Beech D55

Registration: VH-ILM

Serial Number:

Operation Type: Pleasure

Damage Level: Substantial

Departure Point: Proserpine QLD

Departure Time: U/K

Destination: Brampton Island QLD

Approved for Release: 31st July, 1985

Circumstances:

After the pilot selected the gear down, he observed that the single gear position indicator light indicated that the gear was down. During the landing roll, as the aircraft slowed down, the left wingtip and left propeller contacted the strip. Subsequent inspection of the aircraft revealed that the left main gear was in the up position. The left gear uplock bracket-block had recently been repaired but the forward hole had been drilled slightly off centre. This caused the bracket to tilt rearward and the block to slip off the uplock roller face and jam against the roller retaining bolt. When the gear was selected down the gear motor drove against the jammed uplock and bent the left retract rod. This allowed the motor to complete its extension cycle and indicate a gear down condition because the indicator switches are located on the activator housing and not at each gear leg.