

**Aviation Safety Investigation Report
198502547**

Beech 58

16 July 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: 198502547
Location: Bankstown NSW
Date: 16 July 1985
Highest Injury Level: Nil
Injuries:

Occurrence Type: Accident

Time: 1708

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

Aircraft Details: Beech 58
Registration: VH-RLE
Serial Number:
Operation Type: CHARTER (Cargo)
Damage Level: Substantial
Departure Point: Warren NSW
Departure Time: 1708
Destination: Dubbo NSW

Approved for Release: 18th February, 1986

Circumstances:

The pilot reported that after take-off the landing gear could not be fully retracted. On arrival at Dubbo efforts to lower the gear by normal and emergency means were unsuccessful. The pilot elected to divert to Bankstown and subsequently landed on the partially extended gear. The nosegear collapsed and the aircraft slid to a halt. The brush pigtail in the landing gear electric motor had failed through normal use. The pigtail and its soldered washer had allowed massive arcing to occur, causing the motor and the actuating shaft to seize. The landing gear had been in an intermediate position when this occurred, and because the emergency lowering system is connected to the same actuator shaft, it also became inoperative.