

**Aviation Safety Investigation Report
198401398**

Beechcraft H18

23 August 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.

Occurrence Number: 198401398
Location: Bankstown NSW
Date: 23 August 1984
Highest Injury Level: Nil
Injuries:

Occurrence Type: Accident

Time: 1835

	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: Beechcraft H18
Registration: VH-PDI
Serial Number:
Operation Type: Commercial Cargo
Damage Level: Substantial
Departure Point: Bankstown NSW
Departure Time: 1808
Destination: Canberra ACT

Approved for Release: 8th July 1985

Circumstances:

The aircraft returned to its departure aerodrome after suffering a complete electrical failure. Emergency extension of the gear was attempted, but during the landing roll the nose leg retracted, which resulted in the nose and propellers striking the runway. A written checklist was not used prior to departure and the generators were evidently not switched on. The electrical panel and the generator warning lights are obscured by the control column. Emergency gear and flap extension is achieved using the same winder which is placarded "Flaps-push handle in, Gear-pull handle out". Investigation revealed that although the flaps were in the fully down position the gear was only part of the way through its extension cycle.