

**Aviation Safety Investigation Report
199500163**

**British Aircraft Corp
BAC 167**

26 January 1995

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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: 199500163 **Occurrence Type:** Accident
Location: Bankstown
State: NSW **Inv Category:** 4
Date: Thursday 26 January 1995
Time: 1545 hours **Time Zone** ESuT
Highest Injury Level: None

Aircraft Manufacturer: British Aircraft Corp
Aircraft Model: BAC 167
Aircraft Registration: VH-AKY **Serial Number:** EEP/JP1935 MK84
Type of Operation: Non-commercial Pleasure/Travel
Damage to Aircraft: Substantial
Departure Point: Nowra NSW
Departure Time:
Destination: Bankstown NSW

Crew Details:

Role	Class of Licence	Hours on Type	Hours Total
Pilot-In-Command	ATPL 1st Class	550.0	6000

Approved for Release: Monday, May 8, 1995

After suffering a complete electrical failure which resulted in a loss of communications, the aircraft was landed on runway 11C. The landing gears collapsed during the landing roll and the aircraft settled onto the runway.

Subsequent investigation determined that the starter contactor had failed in the start position, isolating the generator. The only available power was then provided by the battery which slowly discharged to the level that radio communications could not be maintained. Although the landing gear selection and locking is dependent on electrical power, there was sufficient power to unlock the gear from the UP position. The gear then extended under its own weight but failed to lock in the DOWN position and consequently collapsed under the landing loads.