

**Aviation Safety Investigation Report
199302119**

**Beech Aircraft Corp
Super King Air**

16 July 1993

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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: 199302119 **Occurrence Type:** Incident
Location: Townsville
State: QLD **Inv Category:** 4
Date: Friday 16 July 1993
Time: 1909 hours **Time Zone** EST
Highest Injury Level: None

Aircraft Manufacturer: Beech Aircraft Corp
Aircraft Model: 200C
Aircraft Registration: VH-FDB **Serial Number:** BL-26
Type of Operation: Non-commercial Aerial Ambulance
Damage to Aircraft: Nil
Departure Point: Julia Creek QLD
Departure Time: 1910 EST
Destination: Townsville QLD

Approved for Release: Tuesday, April 5, 1994

Once airborne from the departure runway, the landing gear was selected up. However the gear did not complete the up cycle and the intransit light remained on. All subsequent attempts to cycle or extend the gear were unsuccessful. During the subsequent landing roll the gear collapsed.

Examination of the landing gear found that gear teeth had broken off the left main actuator crown wheel. Parts of the teeth were imbedded in the pinion gear. A similar type aircraft type in the operator's fleet was also found to have cracking around teeth in one of the landing gear crown wheels.

The CAA Airworthiness section advise that the manufacturer is aware of similar problems elsewhere and is currently undertaking remedial action.
