

**Aviation Safety Investigation Report
199802551**

**Beech Aircraft Corp
Baron**

04 July 1998

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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: 199802551 **Occurrence Type:** Accident
Location: Jandakot, Aerodrome
State: WA **Inv Category:** 4
Date: Saturday 04 July 1998
Time: 1551 hours **Time Zone** WST
Highest Injury Level: None

Aircraft Manufacturer: Beech Aircraft Corp
Aircraft Model: E55
Aircraft Registration: VH-INP **Serial Number:** TE-898
Type of Operation: Charter Passenger
Damage to Aircraft: Substantial
Departure Point: Dongara WA
Departure Time:
Destination: Jandakot WA

Crew Details:

Role	Class of Licence	Hours on Type	Hours Total
Pilot-In-Command	Commercial	58.3	1345

Approved for Release: Wednesday, November 25, 1998

The pilot advised ATC that he was experiencing difficulties in obtaining normal extension of the landing gear and requested emergency services to be alerted for the landing. During the landing roll, the right main landing gear collapsed. The pilot and passengers evacuated the aircraft safely.

Examination of the aircraft revealed that the right main landing gear retract/extend rod assembly was bent in two places. The rigged length of the rod was critical to the correct "down" locking of the main landing gear, with any rod misalignment resulting in the possibility of landing gear collapse when weight was placed upon it.

In addition to rod damage which occurred at the time of the gear collapse, there was evidence of some pre-existing damage. Such damage could result from the inadvertent placement of weight upon the landing gear whilst not correctly "down and locked". It was not possible to determine when this particular damage occurred.

