

**Aviation Safety Investigation Report
199704210**

**Avtech Pty Ltd
JABIRU ST**

31 December 1997

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Investigations commenced on or before 30 June 2003, including the publication of reports as a result of those investigations, are authorised by the Executive Director of the Bureau in accordance with Part 2A of the Air Navigation Act 1920.

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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: 199704210 **Occurrence Type:** Accident
Location: 4km E Archerfield, Aerodrome
State: QLD **Inv Category:** 4
Date: Wednesday 31 December 1997
Time: 1210 hours **Time Zone** EST
Highest Injury Level: None

Aircraft Manufacturer: Avtech Pty Ltd
Aircraft Model: JABIRU ST
Aircraft Registration: VH-SSC **Serial Number:** ST 0002
Type of Operation: Non-commercial Practice
Damage to Aircraft: Substantial
Departure Point: Archerfield Qld
Departure Time: 1117 EST
Destination: Archerfield Qld

Crew Details:

Role	Class of Licence	Hours on	
		Type	Hours Total
Pilot-In-Command	Student/Passenger		33

Approved for Release: Wednesday, January 7, 1998

The aircraft was returning from the training area when the pilot reported that he was experiencing engine problems. He then reported conducting a forced landing. Aircraft were dispatched by the controller to observe its progress. The pilot had elected to land in the grounds of a school. As he approached the area he found that it was too short for a normal landing and steepened his approach. The landing gear was torn off on touchdown and the aircraft stopped within the confines of the playground.

Examination of the engine disclosed failures of a number of connecting rods, which were protruding from the top of the engine block. The failure is being investigated by CASA, as part of its engine certification process.

