

**Aviation Safety Investigation Report  
198400065**

**Winton "Sportsman"**

**15 April 1984**

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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 CEO of the Bureau in accordance with Part 2A of the Air Navigation Act 1920.

Investigations commenced after 1 July 2003, including the publication of reports as a result of those investigations, are authorised by the CEO of the Bureau in accordance with the Transport Safety Investigation Act 2003 (TSI Act). Reports released under the TSI Act are not admissible as evidence in any civil or criminal proceedings.

**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](http://www.atsb.gov.au).**

**Occurrence Number:** 198400065                      **Occurrence Type:** Accident  
**Location:** Jacob's Well, 50 km SE of Brisbane Qld  
**Date:** 15 April 1984                      **Time:** 1015 Approx  
**Highest Injury Level:** Nil  
**Injuries:**

	Fatal	Serious	Minor	None
Crew	0	0	1	1
Ground	0	0	0	-
Passenger	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>

**Aircraft Details:** Winton "Sportsman"  
**Registration:** Not Required  
**Serial Number:**  
**Operation Type:** Test Flight  
**Damage Level:** Substantial  
**Departure Point:** Jacob's Well QLD  
**Departure Time:** 1015 Approx  
**Destination:** Jacob's Well QLD

**Approved for Release:** 23rd January, 1985

**Circumstances:**

Following the fitment of shock absorbers to the landing gear system, the owner arranged for the designer of the aircraft to carry out a test flight. At the completion of the test flight, when the aircraft was at about 100 feet agl on the downwind leg of the circuit, the pilot heard a loud bang. He closed the throttle and landed the aircraft. The aircraft overran the strip and the nose gear failed when it contacted rough ground. Examination of the aircraft revealed that one blade of the propeller had failed in tension overload due to overspeeding. The overspeeding was caused by the inadequate pitch of the propeller blade for the type of engine used to power the aircraft.