

**Aviation Safety Investigation Report
198400064**

Cygnets Ultralight

27 May 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.

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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: 198400064
Location: Jacobs Well QLD
Date: 27 May 1984
Highest Injury Level: Fatal
Injuries:

Occurrence Type: Accident

Time: 1010

	Fatal	Serious	Minor	None
Crew	1	0	0	0
Ground	0	0	0	-
Passenger	0	0	0	0
Total	1	0	0	0

Aircraft Details: Cygnet Ultralight
Registration: Not Required
Serial Number:
Operation Type: Private-Pleasure
Damage Level: Substantial
Departure Point: Jacobs Well QLD
Departure Time: 1010
Destination: Jacobs Well QLD

Approved for Release: 8th January 1985

Circumstances:

The pilot had expressed an interest in purchasing the ultralight. The owner agreed to allow him to carry out a series of hops along the runway, to familiarize himself with the aircraft. The pilot did one hop and on the second liftoff continued to climb ahead but to a steeper than normal angle. At about 80 feet agl the engine misfired then stopped with the aircraft still nose high. The aircraft turned right, stalled and impacted the ground in a steep nose down attitude. The carburettor main jet was found to be blocked by the remains of an earwig, one of a number that had entered the float bowl via the unfiltered vent ports, possibly while the aircraft was stored in its darkened trailer for the preceding month. The engine failure and stall occurred at a height which did not allow the pilot to recover control before ground impact.