

**Aviation Safety Investigation Report
198701459**

Thruster TST

16 August 1987

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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: 198701459**Occurrence Type:** Accident**Location:** "Koongarra" (38 km NNW Warracknabeal) VIC**Date:** 16 August 1987**Time:** 1030**Highest Injury Level:** Serious**Injuries:**

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

Aircraft Details: Thruster TST

Not Registered AUF

Registration: NUMBER: 250040**Serial Number:****Operation Type:** Sport Aviation**Damage Level:** Destroyed**Departure Point:** "Koongarra" VIC**Departure Time:** 1015**Destination:** "Koongarra" VIC**Approved for Release:** September 24th 1987**Circumstances:**

It was the student's fourth flying lesson and the effects of power were being revised. The student turned the aircraft 90 degrees to the left onto downwind but when he attempted to level the wings after the turn, the bank angle increased from about 30 to 50 degrees. The instructor took over the controls and attempted to recover by applying right aileron, full power and holding the nose up briefly. When the aircraft did not immediately recover, the instructor lowered the nose but the aircraft struck the ground, in a left wing, nose low attitude, before full control could be regained. After revising the effects of power, the engine speed was set too low for the aircraft to sustain a level turn. The student maintained altitude by progressively applying up elevator and the instructor did not notice the incorrect setting because speed was assessed with reference to the ground in a 20 knot tailwind. The instructor delayed taking over the controls, because he thought that the aircraft was being subjected to mechanical turbulence generated by trees, over which they had flown.