

Aviation Safety Investigation Report 198801412

Sander Veenstra SV-8 (Substantially modified)

13 January 1988

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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: 198801412 Occurrence Type: Accident

Location: "Rose Park" 6 km ESE of Tarrawingee VIC **Date:** 13 January 1988 **Time:** 1915

Highest Injury Level: Fatal

Injuries:

	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: Sander Veenstra SV-8

(Substantially modified)

Registration: Not Registered

Serial Number:

Miscellaneous (Sport

Operation Type: Aviation Aviation Damage Level: Destroyed

Departure Point: Rose Park VIC

Departure Time: 1910

Destination: Rose Park VIC

Approved for Release: 26 April 1988

Circumstances:

After taking off in calm, fine weather conditions, the pilot climbed the aircraft to a height of about 500 above the ground and commenced a series of manoeuvres incorporating steep angles of bank. During the nose-down segment of a wing-over, the aircraft was seen to be near vertical and to accelerate rapidly before pulling up into a steep turn at about 200 feet above the ground. The turn was tightened to at least 60 degrees of bank, and shortly afterwards the right wing failed. The aircraft fell to the ground at high speed and collided with a fence post after sliding for 18 metres. The aircraft had been substantially modified by the pilot, and was being operated at well in excess of the design weight. The wing spar had failed as a result of the overload forces applied to the structure during the sequence of manoeuvres.