

**Aviation Safety Investigation Report
198702456**

Sadler Vampire SV2

17 February 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: 198702456
Location: Wilton NSW
Date: 17 February 1987
Highest Injury Level: Serious
Injuries:

Occurrence Type: Accident

Time: 1440

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

Aircraft Details: Sadler Vampire SV2
Registration: Not Registered
Serial Number:
Operation Type: Miscellaneous (Sport Aviation)
Damage Level: Substantial
Departure Point: Wilton NSW
Departure Time: 1320
Destination: Wilton NSW

Approved for Release: November 17th 1987

Circumstances:

The pilot was completing a 50 hour test flying program on the aircraft. Two previous sorties had been flown during the day, without incident. On this occasion, the pilot was conducting a glide approach, but when power was re-applied to go around, the engine delivered some 400 rpm less than normal. The pilot attempted to conduct a low level circuit, however the engine power continued to decay on the downwind leg. The turn onto base leg was conducted at about 100 feet, and shortly afterwards all power was lost. The aircraft landed heavily in a paddock. A post accident test run and inspection of the engine found that the power loss was caused by a spark plug failure. This accident was not the subject of an on-site investigation.