

**Aviation Safety Investigation Report  
199001146**

**Viking Dragonfly**

**31 May 1990**

Readers are advised that the Australian Transport Safety Bureau investigates for the sole purpose of enhancing transport safety. Consequently, Bureau reports are confined to matters of safety significance and may be misleading if used for any other purposes.

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

This accident was not formally investigated by the Bureau.

**Occurrence Number:** 199001146      **Occurrence Type:** Accident  
**Location:** Four kilometres east of Nagambie VIC  
**Date:** 31 May 1990      **Time:** 1424  
**Highest Injury Level:** Nil  
**Injuries:**

	Fatal	Serious	Minor	None
Crew	0	0	1	1
Ground	0	0	0	-
Passenger	0	0	0	1
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>

**Aircraft Details:** Viking Dragonfly  
**Registration:** VH-LSD  
**Serial Number:** V65  
**Operation Type:** Private  
**Damage Level:** Substantial  
**Departure Point:** Mangalore VIC  
**Departure Time:** 1400  
**Destination:** Mangalore VIC

**Approved for Release:** 27th December 1990

**Circumstances:**

The pilot was on a local flight when the engine failed suddenly at about 1500 feet above ground level. Emergency checks failed to restore power and the pilot made a forced landing approach to a paddock. During the approach he deployed the drag brake because he was slightly high. He then saw a power line he had not previously sighted. In clearing this line the speed washed off and the aircraft touched down heavily, fracturing the main gear legs as a result. An examination of the aircraft revealed that the fuel gascolator drain valve had been lost in flight. This resulted in fuel draining from the fuel bowl which in turn resulted in the engine power loss. The reason for the valve separating is not known. The information in this report is based on details provided by the pilot.