

**Aviation Safety Investigation Report
199501209**

**Amateur Built Aircraft
KR-2**

24 April 1995

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.

The Bureau did not conduct an on scene investigation of this occurrence. The information presented below was obtained from information supplied to the Bureau.

Occurrence Number: 199501209 **Occurrence Type:** Accident
Location: Maryborough
State: QLD **Inv Category:** 4
Date: Monday 24 April 1995
Time: 1330 hours **Time Zone:** EST
Highest Injury Level: Serious
Injuries:

	Fatal	Serious	Minor	None	Total
Crew	0	1	0	0	1
Ground	0	0	0	0	0
Passenger	0	1	0	0	1
Total	0	2	0	0	2

Aircraft Manufacturer: Amateur Built Aircraft
Aircraft Model: KR-2
Aircraft Registration: VH-WKV **Serial Number:** QO44
Type of Operation: Non-commercial Pleasure/Travel
Damage to Aircraft: Destroyed
Departure Point: Maryborough QLD
Departure Time: 1330 EST
Destination:

Crew Details:

Role	Class of Licence	Hours on Type	Hours Total
Pilot-In-Command	Private	27.0	64

Approved for Release: Wednesday, March 13, 1996

The pilot reported that he and his 13 year old son were going for a short flight from Maryborough airport. All necessary preflight checks were carried out and sufficient fuel was on board for the intended flight. After takeoff from runway 17 at between 100 and 200 ft the engine stopped completely. Witnesses saw the aircraft enter a left turn at a low height. The aircraft then appeared to stall and hit the ground inverted. The landing gear was in the retracted position.

The pilot stated that the engine failed because the magneto switches were bumped to the off position. Both switches are mounted close together in the centre of the instrument panel with other switches below them. The pilot stated that he was told in hospital that his son was waving to a person on the ground and had bumped the magneto switches off.

