

**Aviation Safety Investigation Report
199001170**

Cessna R172-K

15 December 1990

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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: 199001170
Location: Melbourne Airport VIC
Date: 15 December 1990
Highest Injury Level: Nil
Injuries:

Occurrence Type: Accident
Time: 1740

	Fatal	Serious	Minor	None
Crew	0	0	1	1
Ground	0	0	0	-
Passenger	0	0	0	2
Total	0	0	0	3

Aircraft Details: Cessna R172-K
Registration: VH-SPW
Serial Number: R17222759
Operation Type: Private
Damage Level: Substantial
Departure Point: Lilydale VIC
Departure Time: 1710
Destination: Melbourne VIC

Approved for Release: 4th April 1991

Circumstances:

Enroute from Lilydale to Melbourne the pilot was required to hold for a short time. While doing so he noted that the elevator control seemed heavy. He set 30 degrees of flap for landing and said he began to move the control column back to flare at about 65 knots. He said that the aircraft did not respond but that the nose dropped and the aircraft hit the runway nose wheel first and bounced several times. Later inspection of the aircraft did not reveal any evidence of pre-existing defects. The prevailing wind at the time of landing was from the south at about 12 knots. At around the time of landing the wind direction changed to 120 degrees at about the same strength. This wind shear effect may have contributed to the handling difficulties reported by the pilot during landing. This accident was not the subject of an on-scene investigation.