

**Aviation Safety Investigation Report
198404501**

Cessna 172N

23 August 1984

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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: 198404501 **Occurrence Type:** Accident
Location: 2km South-west of Dooley Downs WA
Date: 23 August 1984 **Time:** 1555
Highest Injury Level: Minor
Injuries:

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

Aircraft Details: Cessna 172N
Registration: VH-TEF
Serial Number:
Operation Type: Private-Pleasure
Damage Level: Substantial
Departure Point: Dooley Downs WA
Departure Time: 1555
Destination: Mount Augustus WA

Approved for Release: May 15th 1987

Circumstances:

The pilot stated that the last refuel used super motor fuel, taken from the station bulk storage and decanted into an empty 200 litre aviation fuel drum, before being pumped into the aircraft. The refuelling of the aircraft had taken place two days before the accident. Following the refuelling, the pilot had taken a fuel sample but believed it to be free of water. No additional fuel samples had been taken prior to the accident. An inspection of the aircraft fuel system revealed a substantial quantity of water present in the carburettor bowl, fuel strainer bowl and both wing drain points. There is little doubt that this quantity of water was sufficient to cause the engine to fail.