

**Aviation Safety Investigation Report
198703510**

Hughes 269-C

29 September 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: 198703510 **Occurrence Type:** Accident
Location: Ivory Creek (5 km W Toogoolawah) QLD
Date: 29 September 1987 **Time:** 645
Highest Injury Level: Minor
Injuries:

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

Aircraft Details: Hughes 269-C
Registration: VH-THR
Serial Number: 970635
Operation Type: Private
Damage Level: Substantial
Departure Point: Ivory Creek QLD
Departure Time: N/A
Destination: Ivory Creek QLD

Approved for Release: 6 February 1989

Circumstances:

The pilot stated that he allowed the engine temperature to stabilise for about two minutes at 2800 RPM after landing, then reduced power to about 2000 RPM for a further minute. At about the same time a severe bouncing started, the pilot disengaged the rotors and attempted to shut the engine down. The helicopter was affected by ground resonance and the pilot, who had already released his seat belt, was thrown to the floor of the helicopter.

Significant Factors:

The following factors were considered relevant to the development of the accident

1. The helicopter developed severe ground resonance after landing. The cause of the onset of the ground resonance was not positively determined.