

**Aviation Safety Investigation Report
199701307**

**Robinson Helicopter Co
R22**

26 April 1997

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Investigations commenced on or before 30 June 2003, including the publication of reports as a result of those investigations, are authorised by the Executive Director of the Bureau in accordance with Part 2A of the Air Navigation Act 1920.

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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:	199701307	Occurrence Type:	Accident
Location:	Keeroongooloo, 100km SE Windorah		
State:	QLD	Inv Category:	4
Date:	Saturday 26 April 1997		
Time:	1100 hours	Time Zone	EST
Highest Injury Level:	None		

Aircraft Manufacturer:	Robinson Helicopter Co		
Aircraft Model:	R22 BETA		
Aircraft Registration:	VH-LOH	Serial Number:	0942
Type of Operation:	Commercial Aerial Mustering		
Damage to Aircraft:	Substantial		
Departure Point:	Keeroongooloo QLD		
Departure Time:	1012 EST		
Destination:	Keeroongooloo QLD		

Crew Details:

Role	Class of Licence	Hours on Type	Hours Total
Pilot-In-Command	Commercial	571.5	793

Approved for Release: Friday, June 27, 1997

The aircraft had been operating on the mustering flight for about 45 minutes. With the helicopter at 70 feet above the ground and 50 kts indicated airspeed, the pilot reported that he had just commenced a climbing turn to approach a small mob of cattle when he heard a loud noise from the rear of the cabin. The engine oversped and the rotor speed decayed. A forced landing was conducted but the pilot was unable to retain adequate rotor speed to prevent a heavy landing.