

**Aviation Safety Investigation Report
198502521**

Robinson R22 Alpha

4 March 1985

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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: 198502521

Location: Camden NSW

Date: 4 March 1985

Highest Injury Level: Nil

Injuries:

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

Occurrence Type: Accident

Time: 1151

Aircraft Details: Robinson R22 Alpha

Registration: VH-UXT

Serial Number:

Operation Type: Licence Test

Damage Level: Substantial

Departure Point: Camden NSW

Departure Time: 1151

Destination: Camden NSW

Approved for Release: 7th August, 1985

Circumstances:

As the final sequence of a licence test flight the examiner requested the pilot to carry out a normal autorotative landing from circuit height. The aircraft was flared slightly high, recovered but subsequently contacted the ground in a tail low attitude. It then bounced forward and the tail boom was severed by the main rotor. The aircraft flight manual specifies that touchdown following an autorotative descent must be made with the landing skids level. On this occasion touchdown was made on the heels of the skids, and the resulting oscillations of the aircraft allowed the main rotor blades to sail and strike the tail boom.