

**Aviation Safety Investigation Report
199703388**

**Robinson Helicopter Co
R22**

14 October 1997

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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: 199703388 **Occurrence Type:** Accident
Location: Hoxton Park, Aerodrome
State: NSW **Inv Category:** 4
Date: Tuesday 14 October 1997
Time: 0805 hours **Time Zone** EST
Highest Injury Level: None

Aircraft Manufacturer: Robinson Helicopter Co
Aircraft Model: R22 BETA
Aircraft Registration: VH-AOP **Serial Number:** 2121
Type of Operation: Instructional Solo
Damage to Aircraft: Substantial
Departure Point: Hoxton Park NSW
Departure Time: 0805 EST
Destination: Hoxton Park NSW

Crew Details:

<u>Role</u>	<u>Class of Licence</u>	<u>Hours on</u>	
		<u>Type</u>	<u>Hours Total</u>
Pilot-In-Command	Student	21.6	22

Approved for Release: Thursday, October 16, 1997

The student helicopter pilot was conducting his second solo flight at Hoxton Park. The weather was fine, with almost no wind. Prior to commencing the solo phase the student had completed a satisfactory dual circuit check.

As the instructor walked away from the helicopter he heard a "thump". As he turned around he saw the helicopter had rolled onto its side, causing substantial damage to the rotor blades. The accident was consistent with 'dynamic rollover'. The student was not injured and was able to exit the helicopter.

As the student had commenced to lift off the helicopter had rapidly rolled to the right. Although he had expected there would be some rolling tendency, the rate of roll was greater than the student had anticipated and he had been unable to prevent the rollover.

