

**Aviation Safety Investigation Report
199000025**

Bell 47G

6 November 1990

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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: 199000025
Location: Oberon NSW
Date: 6 November 1990
Highest Injury Level: Minor
Injuries:

Occurrence Type: Accident

Time: 930

| | 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: Bell 47G
Registration: VH-UAF
Serial Number: 7546
Operation Type: Aerial Work
Damage Level: Substantial
Departure Point: Oberon NSW
Departure Time: 0915
Destination: Oberon NSW

Approved for Release: 13th July 1992

Circumstances:

The helicopter was flying at about 25 knots and a height of about 75 feet, 10 feet to the left of power lines. The passenger was surveying the wires. As the helicopter approached a tree line, the pilot increased collective. However, rotor RPM decayed and the helicopter descended rapidly, hitting the ground and rolling over.

Significant Factors:

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

1. The pilot overpitched the main rotor, resulting in a loss of rotor RPM.
2. Insufficient height was available for the rotor RPM to recover before the helicopter struck the ground.