

Robinson R22 Beta, G-OICV, 18 July 1999

AAIB Bulletin No: 4/2000 **Ref: EW/G99/07/26** **Category: 2.3**

Aircraft Type and Registration: Robinson R22 Beta, G-OICV

No & Type of Engines: 1 Lycoming O-320-B2C piston engine

Year of Manufacture: 1989

Date & Time (UTC): 18 July 1999 at 0914 hrs

Location: Blackpool Airport, Lancashire

Type of Flight: Private (Training)

Persons on Board: Crew - 1 - Passengers - 1

Injuries: Crew - None - Passengers - None

Nature of Damage: Substantial

Commander's Licence: Private Pilot's Licence with Instructor Rating

Commander's Age: 34 years

Commander's Flying Experience: 1,521 hours (of which 1,250 were on type)
Last 90 days - 226 hours
Last 28 days - 43 hours

Information Source: Aircraft Accident Report Form submitted by the pilot

The relevant weather conditions were: light rain, wind 270°/12 kt, visibility more than 10 km, QNH 1013 mb and air temperature 17°C. The instructor briefed the student for a hovering exercise he intended to accomplish near the eastern end of the airport. The instructor 'air taxied' the helicopter towards the exercise area at an airspeed of about 40 KIAS. As he turned the helicopter into wind it started to descend so he raised the collective lever to arrest the rate of descent but the machine still hit the ground heavily with a forward ground speed of 15 to 20 kt. During the ground run the helicopter yawed to the left and toppled over onto its right-hand side. The instructor and his student vacated the machine through the left-hand door before the fire service arrived. There was no fire.