

No: 9/90 **Ref: EW/G90/07/10** **Category: 2c**

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

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

Year of Manufacture: 1988

Date and Time (UTC): 17 July 1990 at 1121 hrs

Location: Blackpool (Squires Gate) Airport, Lancashire

Type of flight: Private (training)

Persons on Board: Crew - 1 Passengers - None

Injuries: Crew - None Passengers - N/A

Nature of Damage: Main rotor blades, tail cone and horizontal stabiliser bent, cockpit window broken. Helicopter written off

Commander's Licence: Student Pilot

Commander's Age: 33 years

Commander's Total Flying Experience: 19 hours

Information Source: Aircraft Accident Report Form submitted by the flying instructor and further telephone enquiries

Following a one hour period of dual instruction comprising take-offs, hovering and landings, the instructor briefed his student for 10 minutes of solo hovering practise. As the instructor walked away from the helicopter he heard the engine note increase to what he judged to be an excessive amount. He is of the opinion that the student then raised the collective lever in order to contain the engine and rotor rpm but he failed to make the appropriate yaw pedal compensation. The helicopter went out of control and crashed onto its side. The student cannot recall his actions but suddenly found himself lying on his side inside the helicopter from which he was able to make his escape within one minute. There was no fire and the instructor went over to switch off fuel and electrics, having alerted ATC by radio.