

**AAIB Bulletin No: 10/93**

**Ref: EW/G93/08/34**

**Category: 2.3**

**Aircraft Type and Registration:** Schweizer 269C, G-BTTV

**No & Type of Engines:** 1 Lycoming HIO-360-D1A piston engine

**Year of Manufacture:** 1991

**Date & Time (UTC):** 26 August 1993 at 1110 hrs

**Location:** Oxford (Kidlington) Airport

**Type of Flight:** Private (Training)

**Persons on Board:** Crew - 1 Passengers - None

**Injuries:** Crew - None Passengers - N/A

**Nature of Damage:** Substantial damage to the rotors, the gearbox, the skid cross tube, the control linkages and the fuselage

**Commander's Licence:** Student Pilot

**Commander's Age:** 18 years

**Commander's Flying Experience:** 30 hours (all on type)  
Last 90 days - 30 hours  
Last 28 days - 23 hours

**Information Source:** Aircraft Accident Report Form submitted by the pilot

The student had just completed a satisfactory dual training flight and was authorised to carry out a 45 minute solo detail which included circuits and manoeuvring in the training square. After flying for some 40 minutes, the student performed a clearance turn to the left, turning horizontally about the tail rotor, but misjudged the height of the helicopter as it turned crosswind (from the right). The left skid made contact with the ground and the helicopter fell onto its left side.

There was no fire and the pilot, having made the aircraft safe, left the aircraft through the right side door.