

No: 5/90

Ref: EW/G90/02/02

Category: 2c

Aircraft Type and Registration: Enstrom F-28A, G-BAIB

No & Type of Engines: 1 Lycoming HIO-360-C1A piston engine

Year of Manufacture: 1972

Date and Time (UTC): 10 February 1990 at 1321 hrs

Location: Goodwood Airfield, Sussex

Type of Flight: Training

Persons on Board: Crew - 2 Passengers - None

Injuries: Crew - None Passengers - N/A

Nature of Damage: Substantial damage to skids and main rotor; engine and transmission shock-loaded; minor damage to cabin

Commander's Licence: Airline Transport Pilot's Licence with full Instructor's rating

Commander's Age: 46 years

Commander's Total Flying Experience: 34 hours fixed wing
6,600 hours rotary wing (of which 700 were on type)

Information Source: Aircraft Accident Report Form submitted by the pilot

On the day of the accident the cloud ceiling was 600 feet and there were occasional showers. Visibility was good beneath the cloud and the reported wind was 240°/18 kt, gusting to 30 kt near showers.

As the final exercise of a general handling revision flight the student was attempting a downwind approach prior to transition into wind. At a height of between 50 and 70 feet, the airspeed decayed, the main rotor was overpitched and a high rate of descent developed. The instructor applied full power, lowered the collective lever slightly and attempted to turn into wind and regain airspeed. He was unable to arrest the descent and finally used full collective pitch to cushion the landing. The aircraft landed heavily but remained upright.