

No: 11/88

Ref: EW/G88/08/07

Category: 1c

Aircraft Type and Registration: ARV1 Super 2, G-OPIG

No & Type of Engines: 1 Hewland AE75 piston engine

Year of Manufacture: 1986

Date and Time (UTC): 18 August 1988 at 0901 hrs

Location: Bournemouth (Hurn) Airport

Type of Flight: Training

Persons on Board: Crew - 2 Passengers - None

Injuries: Crew - None Passengers - N/A

Nature of Damage: Nose landing gear collapsed. Damage to cockpit floor

Commander's Licence: Private Pilot's Licence with IMC, Night, and Instructors Rating

Commander's Age: 34 years

Commander's Total Flying Experience: 1432.8 hours

Information Source: Aircraft Accident Report Form submitted by pilot

In order to simulate an engine failure, the instructor closed the throttle shortly after take-off. The student moved the control column rearwards, raising the nose and consequently reducing the airspeed. The instructor took control, moved the control column forward and applied full power. He was, however, too late to prevent a heavy landing.

Both occupants were wearing diagonal upper torso restraint and vacated the aircraft without injury.

The simulated engine failure was initiated at about 150 feet agl, which was, on reflection, considered to be too low. The flying organisation has decided that, in future, this exercise will not be carried out below 300 feet agl.