

**No: 7/87**

**Ref: 1c**

**Aircraft type and registration:** ARV Super 2 G-OPIG

**No & Type of engines:** 1 Hewland AE 75 piston engine

**Year of Manufacture:** 1986

**Date and time (UTC):** 23 April 1987 at 1810 hrs

**Location:** Sandown, Isle of Wight

**Type of flight:** Training

**Persons on board:** Crew — 1                      Passengers — 1

**Injuries:** Crew — None                      Passengers — None

**Nature of damage:** Collapsed nose gear leg, damage to propeller and engine cowling

**Commander's Licence:** Private Pilot's Licence

**Commander's Age:** 51 years

**Commander's Total Flying Experience:** 5020 hours (of which 124 were on type)

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

The pilot intended to fly to Bournemouth and used runway 05 for take-off at Sandown. The wind was 030°/10 knots and the temperature 9°C.

The aircraft was rotated in the normal manner and climbed to about 50 feet at which point the engine suddenly stopped. The pilot immediately lowered the nose of the aircraft, but was unable to flare in time to prevent a heavy landing on the nose wheel.

Both main landing gear legs withstood the impact, as did the diagonal upper torso restraint of both occupants.

Subsequent investigation revealed that a screw from within the venturi of the carburettor had been ingested into the engine.