

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 (GMT): 1 October 1987 at 1700 hrs

Location: Sandown Airfield, Isle of Wight

Type of flight: Training

Persons on board: Crew — 2 Passengers — None

Injuries: Crew — None Passengers — N/A

Nature of damage: Nose landing gear collapsed, resulting in substantial damage to propeller and underside forward fuselage

Commander's Licence: Private Pilot's Licence with Full Instructor Rating

Commander's Age: 52 years

Commander's Total Flying Experience: 5500 hours (of which 200 were on type)

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

During a circuit training flight whilst carrying out a planned touch and go landing, the nose landing gear collapsed and the aircraft came to rest having sustained substantial damage to the underside engine cowlings and front fuselage. Both occupants were uninjured. Subsequent examination revealed evidence of a fatigue failure in the nose landing gear. The aircraft manufacturer in consultation with the CAA is preparing a Service Bulletin concerning this failure.