

Rans S10, G-BRPT

AAIB Bulletin No: 9/2000 **Ref: EW/G99/09/01** **Category: 1.3**

Aircraft Type and Registration: Rans S10, G-BRPT

No & Type of Engines: 1 Rotax 532 piston engine

Year of Manufacture: 1990

Date & Time (UTC): 1 September 1999 at 1020 hrs

Location: Dunkeswell Aerodrome, Devon

Type of Flight: Private

Persons on Board: Crew - 1 - Passengers - None

Injuries: Crew - None - Passengers - N/A

Nature of Damage: Landing gear collapsed, propeller broken and right wing strut bent

Commander's Licence: Private Pilot's Licence

Commander's Age: 62 years

Commander's Flying Experience: 162 hours (of which 18 were on type)

 Last 90 days - 3 hours

 Last 28 days - 0 hours

Information Source: Aircraft Accident Report Form submitted by the pilot

As the aircraft took off from Runway 36, for some circuit flying, the engine began to lose power. The engine then failed completely at a height of about 80 feet agl.

The pilot elected to make a forced landing straight ahead on a concrete surface beyond the airfield boundary hedge. However, the touchdown was heavy and resulted in collapse of the landing gear, bending of the right wing strut and damage to the propeller before the aircraft skidded to rest.

The pilot was uninjured and was able to open the canopy and vacate the aircraft normally. He reported that after the accident the fuel valve was found to have loosened.