

No: 10/92

Ref: EW/G92/06/24

Category: 1c

Aircraft Type and Registration: Rans S6 Coyote II, G-BSUA

No & Type of Engines: 1 Rotax 582 piston engine

Year of Manufacture: 1991

Date & Time (UTC): 25 June 1992 at 1810 hrs

Location: Abbey Warren Farm, Lincolnshire

Type of Flight: Private

Persons on Board: Crew - 1 Passengers - 1

Injuries: Crew - None Passengers - None

Nature of Damage: Damage to nosegear, propeller and engine cowling

Commander's Licence: Private Pilot's Licence

Commander's Age: 37 years

Commander's Flying Experience: 73 hours (of which 29 were on type)
Last 90 days - 15 hours
Last 28 days - 10 hours

Information Source: Aircraft Accident Report Form submitted by the pilot and additional AAIB enquiries.

After taking off from a private strip, the engine lost all power at a height of about 400 feet agl. A somewhat restricted choice of landing areas resulted in the pilot landing the aircraft in a standing crop of barley. The rapid deceleration caused the nose landing gear to collapse, followed by the aircraft 'nosing-over' onto its back. The seat harnesses held on impact and neither occupant was injured.

The aircraft was subsequently taken to a repair agency, but it was not examined until early September. Despite a reportedly exhaustive examination of the engine, with particular attention being paid to the fuel pump and ignition system, no defect was found. No fuel was available for analysis, as the aircraft was drained by the pilot shortly after the accident. The pilot stated that the aircraft had taken off on the accident flight with a full tank of Mogas.

The repair agency intend to test run the engine, following reinstallation in the repaired airframe. Any significant findings will be reported in a future Bulletin.