

**AAIB Bulletin No: 5/93**

**Ref: EW/G93/02/15**

**Category: 1c**

**Aircraft Type and Registration:** Rans S4 Coyote, G-MVPZ  
**No & Type of Engines:** 1 Rotax 447 piston engine  
**Year of Manufacture:** 1989  
**Date & Time (UTC):** 23 February 1993 at 1530 hrs  
**Location:** Long Newnton Airfield, Wiltshire  
**Type of Flight:** Private  
**Persons on Board:** Crew - 1 Passengers - None  
**Injuries:** Crew - None Passengers - N/A  
**Nature of Damage:** Propeller and right undercarriage leg broken; small kink in keel  
**Commander's Licence:** Private Pilot's Licence  
**Commander's Age:** 26 years  
**Commander's Flying Experience:** 136 hours (of which 5 were on type)  
Last 90 days - 5 hours  
Last 28 days - 5 hours  
**Information Source:** Aircraft Accident Report Form submitted by the pilot

Shortly after take-off from a dry grass runway, the aircraft suffered a power loss at approximately 20 feet agl. The pilot positioned the aircraft for a landing but as he turned to the left, the right undercarriage leg struck the ground and broke; the nose of the aircraft then impacted the ground and the propeller shattered.

The weather at the time was good with a wind of 045°/04 kt. The pilot reported that the cause of the power loss was a blockage of the carburettor jet.