

AAIB Bulletin No: 1/95

Ref: EW/G94/10/10

Category: 1.3

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

No & Type of Engines: 1 Rotax 503 piston engine

Year of Manufacture: 1991

Date & Time (UTC): 13 October 1994 at 1615 hrs

Location: Field Head Farm, Great Strickland, Penrith, Cumbria

Type of Flight: Private

Persons on Board: Crew - 1 Passengers - 1

Injuries: Crew - Minor Passengers - Minor

Nature of Damage: Destroyed

Commander's Licence: Private Pilot's Licence

Commander's Age: 39 years

Commander's Flying Experience: 78 hours (of which 32 were on type)
Last 90 days - 5 hours
Last 28 days - 4 hours

Information Source: Aircraft Accident Report Form submitted by the pilot

As the pilot crossed the threshold to a private grass strip he decided that his approach was incorrect and started a power-on climbing turn, reaching the downwind leg. The controls felt 'mushy' and the ASI indicated 50 mph with the engine at 6,000 RPM; the wind was 5 kt variable. Although the stalling speed was around 38 mph the pilot considered that all the symptoms indicated that a stall was occurring. The pilot applied full throttle (6,500 RPM) and attempted to lower the nose; at this time the height above ground level was 200 feet. Although the engine seemed to be producing power there was no response from the aircraft, and by the time the nose had dropped sufficiently for a recovery the aircraft had hit the ground at about 40° to 45°, with the engine and the nosewheel taking the full impact.

The pilot attributes the failure to recover from the stall to either thermal activity, or a problem with the engine, which he intends to examine for defects.