

AAIB Bulletin No: 2/94

Ref: EW/G93/10/21

Category: 1.3

Aircraft Type and Registration: Rans S10 Sakota, G-BSWI

No & Type of Engines: 1 Rotax 532 piston engine

Year of Manufacture: 1991

Date & Time (UTC): 26 October 1993 at 1020 hrs

Location: Private Airstrip at Taigh-A-Pharc, Braehead, Strathclyde

Type of Flight: Private

Persons on Board: Crew - 1 Passengers - None

Injuries: Crew - Minor Passengers - N/A

Nature of Damage: Substantial damage

Commander's Licence: Private Pilot's Licence

Commander's Age: 36 years

Commander's Flying Experience: 196 hours (of which 91 were on type)
Last 90 days - Not known
Last 28 days - 5 hours

Information Source: Aircraft Accident Report Form submitted by the pilot,
telephone inquiries to repair agency and insurance
assessor

After take off from Runway 18, as the pilot initiated a climbing turn to the left at about 100 feet agl, the engine lost power and ran down to idle speed. The pilot elected to attempt a forced landing on Runway 27, but during this attempt the aircraft stalled. However he was able to effect a partial recovery before the aircraft struck the ground in a flat attitude, some 25 feet short of the runway threshold.

A limited post accident examination of the engine by the insurance assessor failed to identify any evidence as to the cause of the loss of power. However, a fuel or ignition problem was considered to be the most probable explanation.