

AAIB Bulletin No: 8/94

Ref: EW/G94/07/06

Category: 2.3

Aircraft Type and Registration: Bensen B8MR Gyrocopter, G-BSYP

No & Type of Engines: 1 Rotax 503 piston engine

Year of Manufacture: 1993

Date & Time (UTC): 1 July 1994 at 1801 hrs

Location: Bog Side Farm, near Kirkmuirhill, Strathclyde

Type of Flight: Private (Training)

Persons on Board: Crew - 1 Passengers - None

Injuries: Crew - None Passengers - N/A

Nature of Damage: Damage to airframe, rotor and propeller

Commander's Licence: Student Pilot

Commander's Age: 31 years

Commander's Flying Experience: 45 hours (of which 14 were on type)
Last 90 days - 4 hours
Last 28 days - 0 hours

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

The student pilot was carrying out 'short hops' from a grass strip, for practice and to check out the aircraft prior to its permit renewal. After several such hops the aircraft passed over the end of the prepared strip and the pilot decided to continue ahead to land on a suitable area some distance away. However, very shortly after passing the end of the strip the engine began to misfire and the pilot was obliged to land on the intervening ground. The aircraft turned over during the landing. The pilot was unhurt and was able to walk back to the point of takeoff.

The weather was reported to have been clear, calm and dry, and although a temperature was not quoted the pilot stated that it had been rather warm. No reason for the engine misfiring was established, but the pilot suspected fuel contamination or carburettor icing. The engine was running on a mixture of four star petrol and lubricating oil.