

**ACCIDENT**

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|--|---|-------------------|
| <b>Aircraft Type and Registration:</b> | QuikR, G-SUKY   |                   |
| <b>No &amp; Type of Engines:</b>       | 1 Rotax 912 piston engine   |                   |
| <b>Year of Manufacture:</b>            | 2009 (Serial no: 8456)  |                   |
| <b>Date &amp; Time (UTC):</b>          | 22 July 2012 at 1430 hrs  |                   |
| <b>Location:</b>                       | Old Sarum Airfield, Wiltshire   |                   |
| <b>Type of Flight:</b>                 | Training  |                   |
| <b>Persons on Board:</b>               | Crew - 2  | Passengers - None |
| <b>Injuries:</b>                       | Crew - 1 (Serious)<br>1 (Minor)   | Passengers - N/A  |
| <b>Nature of Damage:</b>               | Wing, propeller, engine and trike   |                   |
| <b>Commander's Licence:</b>            | Private Pilot's Licence   |                   |
| <b>Commander's Age:</b>                | 48 years  |                   |
| <b>Commander's Flying Experience:</b>  | 2,072 hours (of which 528 were on type)<br>Last 90 days - 86 hours<br>Last 28 days - 43 hours |                   |
| <b>Information Source:</b>             | Aircraft Accident Report Form submitted by the pilot  |                   |

**Synopsis**

During a training flight, while in the hold-off immediately prior to landing, the aircraft rapidly rolled to the right and struck the ground.

**Description of the event**

The weather at Old Sarum Airfield was good, with a reported wind of 10 kt at 190°. Runway 24 was in use. The instructor, who had already completed two training flights earlier in the day, assessed that the weather conditions were suitable for the planned training detail and within the capabilities of the student pilot. The instructor briefed that they would initially fly one circuit to confirm if the conditions were suitable to remain in the circuit. If they were not she planned to revise some upper air exercises with the student.

The instructor described the takeoff, circuit and final approach as uneventful and “handled well by the student”. She covered the training bar controls throughout the approach, prepared to take control from the student if required. Whilst the aircraft was in the hold-off phase immediately prior to landing, it rolled suddenly to the right without warning and struck the ground. The instructor and student were unable to exit the aircraft until onlookers assisted by righting the aircraft. Both occupants sustained injuries in the impact.

The instructor reported that she had not detected any developing roll through the training bars. Another instructor commented that he had observed some sudden gusts of around 15 kt at about 90° to the runway around

the time of the flight. This led the instructor of the QuikR to consider that the aircraft had encountered a sudden gust of wind from the left during the hold-off, causing it to roll rapidly to the right without warning.