

**ACCIDENT**

<b>Aircraft Type and Registration:</b>	Rans S6-ESD XL (Modified) Coyote II, G-MZOZ	
<b>No &amp; Type of Engines:</b>	1 Rotax 503-2V piston engine	
<b>Year of Manufacture:</b>	1998	
<b>Date &amp; Time (UTC):</b>	19 June 2011 at 0850 hrs	
<b>Location:</b>	Sywell Airfield, Northampton	
<b>Type of Flight:</b>	Private	
<b>Persons on Board:</b>	Crew - 1	Passengers - 1
<b>Injuries:</b>	Crew - None	Passengers - None
<b>Nature of Damage:</b>	Nose leg, nose cone, propeller hub	
<b>Commander's Licence:</b>	Private Pilot's Licence	
<b>Commander's Age:</b>	73 years	
<b>Commander's Flying Experience:</b>	976 hours (of which 976 were on type) Last 90 days - 11 hours Last 28 days - 2 hours	
<b>Information Source:</b>	Aircraft Accident Report Form submitted by the pilot	

After a normal touchdown on the Runway 21 at Sywell, the pilot applied heavy braking in order to vacate the active runway quickly. While decelerating below 15 mph, with heavy braking still applied and the engine idling, the aircraft encountered what the pilot described as a "significant undulation in the runway surface".

At this point the nose landing gear collapsed and the aircraft slid to a rest. Both occupants were wearing lap and diagonal harnesses and escaped uninjured. The pilot considered that the combination of heavy braking and the undulated surface of the grass runway caused the nose landing gear to collapse.