

**ACCIDENT**

<b>Aircraft Type and Registration:</b>	Flight Design CTSW, G-CGIZ	
<b>No &amp; Type of Engines:</b>	1 Rotax 912ULS piston engine	
<b>Year of Manufacture:</b>	2010 (Serial no: 8512)	
<b>Date &amp; Time (UTC):</b>	10 June 2015 at 1640 hrs	
<b>Location:</b>	Manchester Barton Aerodrome	
<b>Type of Flight:</b>	Private	
<b>Persons on Board:</b>	Crew - 1	Passengers - None
<b>Injuries:</b>	Crew - None	Passengers - N/A
<b>Nature of Damage:</b>	Left wheel spar broke and moderate damage to left underside of the aircraft	
<b>Commander's Licence:</b>	Private Pilot's Licence	
<b>Commander's Age:</b>	47 years	
<b>Commander's Flying Experience:</b>	871 hours (of which 685 were on type) Last 90 days - 43 hours Last 28 days - 20 hours	
<b>Information Source:</b>	Aircraft Accident Report Form submitted by the pilot	

The pilot was returning to Barton Aerodrome from Haydock Park. The flying conditions were good, with the surface wind varying from calm to 15 kt. He reported that on short final for the grass Runway 08, at about 5 ft, the left wing "fell away". He applied full power with right rudder and the aircraft climbed to approximately 15 ft, in a normal climbing attitude. He then attempted to level the wings, applying right aileron, and the left wing abruptly dropped again. The aircraft turned through 180° with approximately 30° angle of bank before the pilot was able to level it. The aircraft was now downwind and descending; the pilot realising that an impact with the ground was inevitable, closed the throttle. The aircraft's left main wheel contacted the ground firmly and the wheel spar snapped. The aircraft then settled onto the grass, damaging the propeller and airframe. The pilot, who was uninjured, shut the aircraft down and vacated it normally.

The pilot recalled that his approach speed seemed normal and he believed that windshear may have caused the initial wing drop. The secondary stall probably occurred because the pilot, unfamiliar with the climbing attitude of the aircraft in the landing configuration, did not allow it to accelerate to a safe airspeed before climbing.