

ACCIDENT

Aircraft Type and Registration:	Flight Design CTSW, G-CTSW	
No & Type of Engines:	1 Rotax 912ULS piston engine	
Year of Manufacture:	2006	
Date & Time (UTC):	1 May 2011 at 1105 hrs	
Location:	Private airstrip, Killeter, Northern Ireland	
Type of Flight:	Private	
Persons on Board:	Crew - 1	Passengers - None
Injuries:	Crew - None	Passengers - N/A
Nature of Damage:	Extensive fire damage from post-accident fire	
Commander's Licence:	National Private Pilot's Licence	
Commander's Age:	49 years	
Commander's Flying Experience:	243 hours (of which 155 were on type) Last 90 days - 38 hours Last 28 days - 18 hours	
Information Source:	Aircraft Accident Report Form submitted by the pilot	

The pilot had operated the aircraft from the private airstrip over the preceding two days without incident. The wind conditions on the day of the accident were similar to those of the previous day and the same runway was being used. The runway surface was grass, approximately four inches long, and damp from overnight dew. The pilot applied full power for the takeoff. After lift off, which was slightly further down the strip than on the previous days, the aircraft was reluctant to climb and the engine seemed low on power. At this point the pilot was committed to continuing with the takeoff, but the aircraft was unable to clear the boundary hedge at

the end of the runway. Its main landing gear struck the hedge and the aircraft turned over, coming to rest inverted in the field beyond. The pilot was uninjured and able to vacate the aircraft unaided via the left door.

He considers that the aircraft may have been affected by a wind rotor triggered by the crest of a ridge which was slightly upwind of the far end of the runway. He commented that pilot of the next aircraft to depart the field reported encountering a strong rotor just after takeoff.