

ACCIDENT

Aircraft Type and Registration:	Rotorsport UK Calidus, G-CGLY	
No & Type of Engines:	1 Rotax 912 ULS piston engine	
Year of Manufacture:	2010	
Date & Time (UTC):	20 May 2012 at 1428 hrs	
Location:	Field near Falmouth, Cornwall	
Type of Flight:	Private	
Persons on Board:	Crew - 1	Passengers - None
Injuries:	Crew - None	Passengers - N/A
Nature of Damage:	Damage to rotor mast fairing, roll control cable and one rotor blade	
Commander's Licence:	Private Pilot's Licence	
Commander's Age:	66 years	
Commander's Flying Experience:	365 hours (of which 103 were on type) Last 90 days - 19 hours Last 28 days - 14 hours	
Information Source:	Aircraft Accident Report Form submitted by the pilot and verbal report from the gyroplane manufacturer	

The gyroplane was on a local flight from Perranporth, on Cornwall's north coast. Only the pilot was on board, and the weather report, obtained from Perranporth Airfield, gave a northerly wind of 12 kt, good visibility and broken cloud at 3,500 ft with no significant weather.

While flying on a northerly track back towards Perranporth, the pilot flew a 360° steep turn, during which he experienced a loss of engine power. He selected an attitude for straight and level flight and

identified a field ahead in which to make a forced landing. The pilot did not see that there were small power lines running across the near boundary of the field. During the approach the gyroplane struck the power lines, causing damage to the main rotor mast fairing, but subsequently landed safely.

The gyroplane was returned to the manufacturer for assessment and repair. The engine performed normally under test and no faults or conditions were found which could have contributed to a loss of engine power.