

ACCIDENT

Aircraft Type and Registration:	P and M Aviation Quik GT450, G-CEGJ	
No & Type of Engines:	1 Rotax 912 ULS piston engine	
Year of Manufacture:	2006	
Date & Time (UTC):	30 May 2009 at 1330 hrs	
Location:	Sywell Airfield, Northamptonshire	
Type of Flight:	Training	
Persons on Board:	Crew - 2	Passengers - None
Injuries:	Crew - 2 (Minor)	Passengers - N/A
Nature of Damage:	Minor damage to the trike, substantial damage to the wing	
Commander's Licence:	Private Pilot's Licence	
Commander's Age:	40 years	
Commander's Flying Experience:	4,525 hours (of which 142 were on type) Last 90 days - 142 hours Last 28 days - 40 hours	
Information Source:	Aircraft Accident Report Form submitted by the pilot	

Synopsis

During the landing roll the aircraft was affected by a gusty crosswind from the right and the pilot lost directional control. The aircraft veered to the left and the trike rolled over onto its right hand side.

History of the flight

The pilot-in-command was an instructor who was taking a student pilot for a trial lesson. The weather conditions were clear with a surface wind generally from 090° at 10 kt. The first part of the flight took place in the local flying area. Then, on returning to the airfield, the aircraft made an approach to grass Runway 05R, during which, the instructor later commented, there was light to moderate turbulence. The first part

of the landing was uneventful but as the aircraft slowed during the landing roll he found that he was having difficulty maintaining control. The aircraft veered to the left and the trike rolled over onto its right hand side, sliding along the ground before stopping. The instructor suffered a dislocated shoulder and the student some minor injuries.

The Operator's Manual for the aircraft gives a crosswind limit of 10 kt for takeoff and landing, and 20 kt for taxiing. After the accident the pilot went to look at the recorded wind data which was available at the airfield. It showed that at around the time of the accident the average surface wind was from 090° at 10 kt, occasionally 14

kt, and that there had been an isolated gust of wind from the south-south-east at 18 kt.