

ACCIDENT

Aircraft Type and Registration:	Mainair Rapier, G-MZNU
No & Type of Engines:	1 Rotax 503-2V piston engine
Year of Manufacture:	1998 (Serial no: 1174-0898-7-W977)
Date & Time (UTC):	22 June 2014 at 1320 hrs
Location:	Lansil Golf Course, Lancaster, Lancashire
Type of Flight:	Private
Persons on Board:	Crew - 1 Passengers - 1
Injuries:	Crew - 1 (Minor) Passengers - 1 (Minor)
Nature of Damage:	Damage to pod and wing keel
Commander's Licence:	Private Pilot's Licence
Commander's Age:	55 years
Commander's Flying Experience:	287 hours (of which 107 were on type) Last 90 days - 9 hours Last 28 days - 2 hours
Information Source:	Aircraft Accident Report Form submitted by the pilot

While flying in the cruise at a height of 2,000 ft the engine began to run rough and then stopped. The pilot carried out a forced landing in a field of wheat during which the aircraft decelerated rapidly and rolled forward onto its side. The pilot and passenger, who both sustained minor injuries, exited the aircraft unassisted.

The pilot reported that following the accident the fuel filter was found to be blocked with very fine silt. Silt was also found in the bottom of the metal fuel container that had been used to refuel the aircraft. In addition, corrosion products from the inside of this container, that had started to deteriorate, may have contaminated the fuel. When refuelling the aircraft the fuel was normally poured through a strainer but it is believed that the size of the mesh in the strainer was not sufficient to catch the debris.