

ACCIDENT

Aircraft Type and Registration:	Mainair Rapier, G-MZGL	
No & Type of Engines:	1 Rotax 503-2V piston engine	
Year of Manufacture:	1997	
Date & Time (UTC):	10 May 2008 at 1300 hrs	
Location:	Clotton, Cheshire	
Type of Flight:	Private	
Persons on Board:	Crew - 1	Passengers - None
Injuries:	Crew - Minor	Passengers - N/A
Nature of Damage:	Major damage to trike and damage to wing	
Commander's Licence:	National Private Pilot's Licence	
Commander's Age:	46 years	
Commander's Flying Experience:	54 hours (of which 15 were on type) Last 90 days - 0 hours Last 28 days - 0 hours	
Information Source:	Aircraft Accident Report Form submitted by the pilot	

This was the aircraft's first flight following several months of storage. The pilot completed the pre-flight and power checks to his satisfaction and proceeded to take off from Runway 10 at Clotton. Weather conditions at the time were good, with a light, variable wind. Shortly after takeoff the rate of climb decreased and increased pressure on the throttle lever had little effect. The aircraft reached a height of between 30 to 50 ft before starting to descend and it subsequently collided

with trees 150 metres beyond the end of the runway. The pilot, who was wearing a lap strap and a helmet, sustained minor injuries.

Post-accident inspection of the engine revealed the presence of a greenish-grey deposit which was partially blocking one of the carburettor main jets. This appeared to be micro-bacterial in origin and had probably developed during the long period of storage.