

ACCIDENT

Aircraft Type and Registration:	Kolb Twinstar Mk III (Modified) Twinstar, G-MYXS	
No & Type of Engines:	1 Rotax 582 piston engine	
Year of Manufacture:	1994 (Serial no: PFA 205-12528)	
Date & Time (UTC):	27 July 2013 at 1115 hrs	
Location:	Field south of Arclid Airfield, Cheshire	
Type of Flight:	Private	
Persons on Board:	Crew - 1	Passengers - None
Injuries:	Crew - None	Passengers - N/A
Nature of Damage:	Damaged beyond economic repair	
Commander's Licence:	Private Pilot's Licence	
Commander's Age:	75 years	
Commander's Flying Experience:	316 hours (of which 59 were on type) Last 90 days - 13 hours Last 28 days - 3 hours	
Information Source:	Aircraft Accident Report Form submitted by the pilot and additional enquiries by the AAIB	

The aircraft was being prepared for a flight back to its home base at Clotton, about 13 km east of Chester, having earlier made a 46 minute flight to Arclid Airfield. The pilot performed his usual checks and noted that all the instruments gave normal readings; he also had more than sufficient fuel onboard for the flight.

He took off using maximum engine rpm but at a height of approximately 250 ft, the engine stopped abruptly. The pilot realised that he could not safely alter his heading substantially, so he searched ahead for a suitable field. The first field he saw was growing tall rape but the

one after that contained wheat, which the pilot thought looked preferable for a forced landing. However, there was insufficient height for the aircraft to glide to the second field and it landed in the rape, coming to a rapid halt as it did so. The aircraft remained upright and the pilot was uninjured.

The pilot is uncertain of the cause of the engine failure but notes that the carburettor bowl was dry and the propeller very stiff to turn, possibly because of fuel (and therefore also lubricating oil) starvation of this two-stroke engine.