

YAK-52, LY-AFB

AAIB Bulletin No:	12/99	Ref:	EW/G99/10/05	Category:	1.3
Aircraft Type and Registration:	YAK-52, LY-AFB				
No & Type of Engines:	1 Ivchenko Vedeneyev M-14P piston engine				
Year of Manufacture:	1982				
Date & Time (UTC):	5 October 1999 at 1832 hrs				
Location:	Stoneacre Farm, Kent				
Type of Flight:	Private				
Persons on Board:	Crew - 1 - Passengers - None				
Injuries:	Crew - Minor - Passengers - N/A				
Nature of Damage:	Damage to wingtips, ailerons, rudder and propeller				
Commander's Licence:	Private Pilot's Licence				
Commander's Age:	35 years				
Commander's Flying Experience:	790 hours (of which 320 were on type)				
	Last 90 days - 48 hours				
	Last 28 days - 11 hours				
Information Source:	Aircraft Accident Report Form submitted by the pilot				

The first approach was to Runway 24, however the visibility into sun was limited and so, as the wind was calm, the pilot decided to go around and land on Runway 06. The strip was about 300 metre long and the grass surface was wet. The pilot reported that he did a "full-stall landing about 100 feet from the approach end". He braked gently on the uphill slope but the brakes "locked" at the point where the runway starts to slope downhill and the aircraft entered a skid. Despite releasing the brakes it went off the end of the runway, through a hedge and fence, and came to a halt inverted. The pilot was wearing a full 5-point harness and escaped with only minor injury.

He assessed that the cause of the accident was the fact that he had not taken into account the downhill slope and damp grass. He made the observation that, although the 5-point harness had saved him from more serious injury, the minor bruising to his head would not have happened if he had worn a helmet. He also thought a tool which could be used to break the canopy would have been a useful piece of emergency equipment.