

Piper PA-18, G-BVRZ

AAIB Bulletin No:	10/98	Ref:	EW/G98/07/39	Category:	1.3
Aircraft Type and Registration:	Piper PA-18, G-BVRZ				
No & Type of Engines:	1 Continental C90-12F piston engine				
Year of Manufacture:	1954				
Date & Time (UTC):	30 July 1998 at 1000 hrs				
Location:	Kilrea, Northern Ireland				
Type of Flight:	Private				
Persons on Board:	Crew - 1 - Passengers - 1				
Injuries:	Crew - None - Passengers - None				
Nature of Damage:	Substantial to right wing and fuselage				
Commander's Licence:	Private Pilot's Licence				
Commander's Age:	44 years				
Commander's Flying Experience:	171 hours (of which 101 were on type)				
	Last 90 days - 10 hours				
	Last 28 days - 8 hours				
Information Source:	Aircraft Accident Report Form submitted by the pilot				

The aircraft was taking off from a grass strip at close to maximum weight. The runway in use was 26 with a north-westerly surface wind of 8 to 12 kt. The aircraft became airborne after a ground roll of 180 metres just before the start of an uphill section of the runway. The pilot held the aircraft close to the ground in order to accelerate but as he cleared the crest of a hump in the runway, he realised that he had insufficient speed to out climb the rising ground ahead. He therefore decided to abandon the take off. He assessed that there was insufficient landing distance straight ahead and applied right rudder to yaw the aircraft into wind with the intention of reducing his landing distance. Application of rudder caused the right wing to stall; the aircraft rolled to the right and impacted the ground coming to rest after a 180° turn.

The pilot attributed the cause of the accident to his decision to turn into wind using rudder at a low airspeed.