

## Piper PA-46, N88PL

<b>AAIB Bulletin No:</b>	<b>10/99</b>	<b>Ref:</b>	<b>EW/G99/08/09</b>	<b>Category:</b>	<b>1.3</b>
<b>Aircraft Type and Registration:</b>	Piper PA-46, N88PL				
<b>No &amp; Type of Engines:</b>	1 TSIO 550 C1B piston engine				
<b>Year of Manufacture:</b>	1985				
<b>Date &amp; Time (UTC):</b>	9 August 1999 at 1445 hrs				
<b>Location:</b>	Grove Fields Farm, near Stratford-Upon Avon, Warwickshire				
<b>Type of Flight:</b>	Private				
<b>Persons on Board:</b>	Crew - 1 - Passengers - None				
<b>Injuries:</b>	Crew - None - Passengers - N/A				
<b>Nature of Damage:</b>	Minor damage to underside of fuselage and landing gear doors; propeller damaged; engine shock load tested				
<b>Commander's Licence:</b>	Private Pilot's Licence with Instrument Rating				
<b>Commander's Age:</b>	56 years				
<b>Commander's Flying Experience:</b>	3,200 hours (of which 1,260 were on type)				
	Last 90 days - 32 hours				
	Last 28 days - 16 hours				
<b>Information Source:</b>	Aircraft Accident Report Form submitted by the pilot				

The pilot had inspected the grass strip, at about 0800 hrs on the morning of the accident, by driving his car along it. Although there had been no rain since that time, the grass was still wet and the increase in the level of the river that ran along the southern boundary, had caused some flooding at the south west end of the strip. There was no wind and the temperature was reported to have been 21°C.

The pilot took off in a south westerly direction, using 20° flap and full power. Acceleration was slow and after a ground roll of about 600 feet, at about 55 kt, the pilot rotated the aircraft to the take off attitude; he raised the landing gear as soon as it became airborne. The aircraft did not climb and the pilot made a controlled landing, with the landing gear retracted, in corn stubble to the right of the strip. The aircraft suffered little damage and the pilot, who was wearing lap and diagonal upper torso restraint, escaped without injury.

The pilot assessed the cause of accident as attempting to take off on wet grass. The attention of pilots is drawn to CAA General Aviation Safety Sense Leaflet 7, Aeroplane Performance.