

Piper PA-28-140 Cherokee, G-AZWE

AAIB Bulletin No: 6/2003	Ref: EW/G2003/04/01	Category: 1.3
Aircraft Type and Registration:	Piper PA-28-140 Cherokee, G-AZWE	
No & Type of Engines:	1 Lycoming O-320-E2A piston engine	
Year of Manufacture:	1972	
Date & Time (UTC):	3 April 2003 at 1140 hrs	
Location:	Wing Farm near Warminster	
Type of Flight:	Private	
Persons on Board:	Crew - 1	Passengers - None
Injuries:	Crew - None	Passengers - N/A
Nature of Damage:	Propeller bent and engine shock loaded	
Commander's Licence:	Private Pilot's Licence	
Commander's Age:	51 years	
Commander's Flying Experience:	273 hours (of which 185 were on type)	
	Last 90 days - 19 hours	
	Last 28 days - 11 hours	
Information Source:	Aircraft Accident Report Form submitted by the pilot	

The pilot departed Dunkeswell Airfield at 1048 hrs en-route to Wing Farm, an airstrip that he had used previously. Prior to descent he obtained the meteorological information at Yeovilton, which was close to his destination airfield. The reported visibility was greater than 10 km, there was no significant cloud or weather and the surface wind was 010°/ 11 kt with gusts to 17 kt. The pilot noted that conditions at Wing Farm were similar. Runway 09 was in use at Wing Farm, this was 500 metres long, its grass surface was firm and dry and the grass had been cut short. The pilot reported that the approach was satisfactory and he landed with two stages of flap selected. After touchdown the ground speed appeared somewhat fast and the aircraft deviated to the right of the runway centreline. Despite the application of differential brakes the aircraft ran into soft ground to the right of the defined landing strip. The nose wheel stopped in a furrow of ploughed earth, the aircraft pitched forward and the propeller struck the ground.

The pilot believes that he used insufficient differential braking to slow the aircraft down and maintain the required heading.