AAIB Bulletin No: 8/2005 **Ref: EW/G2005/06/22** **Category: 1.3**

Aircraft Type and Registration:	Piper PA-28-140 Cherokee, G-ZEBY	
No & Type of Engines:	1 Lycoming O-320-E2A piston engine	
Year of Manufacture:	1973	
Date & Time (UTC):	23 June 2005 at 1500 hrs	
Location:	Full Sutton Airfield, Yorkshire	
Type of Flight:	Training	
Persons on Board:	Crew - 1	Passengers - None
Injuries:	Crew - None	Passengers - N/A
Nature of Damage:	Nose leg collapsed and propeller damaged	
Commander's Licence:	Student pilot	
Commander's Age:	52 years	
Commander's Flying Experience:	24 hours (all on type) Last 90 days - 9 hours Last 28 days - 4 hours	
Information Source:	Aircraft Accident Report Form submitted by the pilot	

The accident flight was the pilot's second solo flight as part of his training for a Private Pilot's Licence. The wind was from 260ºM at 4 kt and the visibility was greater than 10 km. The pilot had already completed five successful circuits when he lined up to land on grass Runway 22. The aircraft touched down on the runway and then bounced back into the air. It then descended and bounced again heavily. The pilot applied full throttle to attempt a go-around but at this point the aircraft's pitch attitude was below the horizon and the aircraft touched down heavily on its nose landing gear causing its collapse. The pilot shut down the aircraft and was able to exit the aircraft via the cabin door.

The pilot candidly admitted in his report that he had misjudged his height during the flare and this resulted in the initial bounce. The severity of the bounce took him by surprise and he applied power at the wrong time to initiate a successful go-around.