

**No: 9/92**                      **Ref: EW/G92/06/28**                      **Category: 1c**

**Aircraft Type and Registration:** Piper PA-38-112 Tomahawk, G-BOHN

**No & Type of Engines:** 1 Lycoming O-235-L2A piston engine

**Year of Manufacture:** 1981

**Date & Time (UTC):** 27 June 1992 at 1006 hrs

**Location:** Cardiff Airport

**Type of Flight:** Private

**Persons on Board:** Crew - 1                      Passengers - None

**Injuries:** Crew - None                      Passengers - N/A

**Nature of Damage:** Nose landing gear leg and propeller damaged

**Commander's Licence:** Student Pilot

**Commander's Age:** 59 years

**Commander's Flying Experience:** 34 hours (all on type)  
Last 90 days - 34 hours  
Last 28 days - 11 hours

**Information Source:** Aircraft Accident Report Form submitted by the pilot

The student pilot had carried out a satisfactory pre-solo check flight and was approaching the threshold on his fifth solo circuit of the detail. With full flap selected and at an airspeed of about 65 - 70 kt the main wheels contacted the runway reasonably hard and the aircraft bounced about two feet back into the air. The aircraft touched down again on the main wheels and the nose wheel contacted the runway and bounced. On its second contact the nose wheel detached and the aircraft came to rest after a further 50 yards.

On examination, overload damage was apparent on the seals and the top of the nose leg oleo; there was no evidence of any pre-existing defect.