

AAIB Bulletin No: 7/95

Ref: EW/G95/05/02

Category: 1.3

**Aircraft Type and Registration:** Piper PA-28R-200-2 Cherokee Arrow II, G-BBFD

**No & Type of Engines:** 1 Lycoming IO-360-C1C piston engine

**Year of Manufacture:** 1973

**Date & Time (UTC):** 4 May 1995 at 1105 hrs

**Location:** Barton Aerodrome, Manchester

**Type of Flight:** Private (Training)

**Persons on Board:** Crew - 2 Passengers - 2

**Injuries:** Crew - None Passengers - None

**Nature of Damage:** Propeller bent; severe damage to nose landing gear and mounting; main landing gear doors destroyed and lower engine cowlings distorted

**Commander's Licence:** Commercial Pilot's Licence with Instructor Rating

**Commander's Age:** 25 years

**Commander's Flying Experience:** 1,050 hours (of which 10 were on type)  
Last 90 days - 150 hours  
Last 28 days - 55 hours

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

The wind was 210°/10 to 15 kt and the pilot was carrying out a short field landing on Runway 20. The pilot states that during the final approach, he allowed the airspeed to fall below that suitable for the operating weight of the aircraft. During the flare, the aircraft dropped heavily onto the runway and bounced, causing the nose landing gear to collapse.

The lap and diagonal harnesses of the pilot and passengers remained intact. There was no fire and the occupants of the aircraft disembarked through the main door.