

## Piper PA-28-140, G-BBEV

**AAIB Bulletin No: 7/98 Ref: EW/G98/05/11      Category: 1.3**

**Aircraft Type and Registration:** Piper PA-28-140, G-BBEV

**No & Type of Engines:** 1 Lycoming O-320-E2A piston engine

**Year of Manufacture:** 1971

**Date & Time (UTC):** 10 May 1998 at 1219 hrs

**Location:** Blackpool Airport, Lancashire

**Type of Flight:** Private

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

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

**Nature of Damage:** Nosewheel and propeller damage, engine shock loaded

**Commander's Licence:** Private Pilot's Licence

**Commander's Age:** 50 years

**Commander's Flying Experience:** 49 hours (all of which were on type)  
Last 90 days - 10 hours  
Last 28 days - 2 hours

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

The pilot had taken off from Blackpool for a local pleasure flight and when he returned Runway 10 was in use. The weather was CAVOK with a surface wind of 110°/07 kt and a surface temperature of +13°C. The first approach resulted in a go around because of traffic ahead but the aircraft was cleared to land from the second approach. After an apparently normal approach, and shortly before the anticipated touchdown, the rate of descent suddenly increased and the aircraft landed heavily. Subsequently the nosewheel collapsed and the aircraft slid to a halt on the runway. The pilot selected the fuel and electrics off and he and his passengers vacated the aircraft unassisted. The airport fire services arrived promptly.

The pilot's assessment of the cause of the accident was that he did not allow for the effect of the extra weight of the passengers on the performance of an aircraft that he usually flew alone.

