

No: 6/91

Ref: EW/G91/04/08

Category: 1c

**Aircraft Type and Registration:** Cessna R182, G-BPUM

**No & Type of Engines:** 1 Lycoming O-540-J3C5D piston engine

**Year of Manufacture:** 1979

**Date & Time (UTC):** 17 April 1991 at 1310 hrs

**Location:** Newmarket Heath (Racecourse) Airport, Cambridge

**Type of Flight:** Private

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

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

**Nature of Damage:** Nose landing gear broken, damage to propeller, nose gear doors and underside of nose cowling

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

**Commander's Age:** 62 years

**Commander's Flying Experience:** 728 hours (of which 8 were on type)

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

The pilot had received prior permission to land at Newmarket and, having made a fly-past to assess his options, elected to make his landing run on a heading of about 060°, between the racecourse and the sand track running east/west across the area. The wind at the time was from 020° at 20-30 kt and it was raining. The pilot states that the flapless landing was achieved smoothly but, after about 120 metres of ground roll, the nose landing gear leg collapsed and the aircraft slid on for another 85 metres before coming to rest.

Subsequent investigation by the pilot evinced that the ground on which he had landed was free of ridges, ruts, or undue undulations, and it is his opinion that the nose gear had been weakened during a previously recorded collapse of one main gear assembly.

Evidence of previous damage had not been assessed at the time of publication.