

No: 11/89

Ref: EW/G89/07/32

Category: 1c

Aircraft Type and Registration: Cessna 182M, G-AXNX

No & Type of Engines: 1 Continental Motors Corp O-470-R piston engine

Year of Manufacture: 1968

Date and Time (UTC): 30 July 1989 at 0909 hrs

Location: Duxford Aerodrome, Cambridgeshire

Type of Flight: Pleasure Flights

Persons on Board: Crew - 1 Passengers - 3

Injuries: Crew - None Passengers - None

Nature of Damage: Severe damage to front bulkhead, nose wheel fitting torn from bulkhead, lower structure and skin buckled. Light ground contact by propeller.

Commander's Licence: Commercial Pilot's Licence with Instrument and Assistant Instructor Ratings

Commander's Age: 57 years

Commander's Total Flying Experience: 1,727 hours (of which 215 were on type)

Information Source: Aircraft Accident Report Form submitted by the pilot

Following a normal approach the aircraft touched down on its main wheels on grass runway 25. When the nosewheel was lowered at a speed estimated by the pilot to have been about 40 kt, the aircraft encountered undulations on the runway which caused it to porpoise and become airborne again for a short distance. It returned to the runway surface nosewheel first and was then brought under control. The pilot reported that neither the porpoising nor the nosewheel touchdown seemed severe enough to have caused the damage to the aircraft.

Operators familiar with the runway are aware of a hump some 20 to 25 metres in from the touchdown zone. The aerodrome operator has plans to plough and reset the runway to overcome this problem.