ACCIDENT

Aircraft Type and Registration: Beechcraft 33 Debonair, N35SN

No & Type of Engines: 1 Continental IO-470-J piston engine

Year of Manufacture: 1960

Date & Time (UTC): 22 September 2012 at 0930 hrs

Location: Perranporth Airfield, Cornwall

Type of Flight: Private

Persons on Board: Crew - 1 Passengers - None

Injuries: Crew - None Passengers - N/A

Nature of Damage: Damage to the nose landing gear, lower forward fuselage

and propeller

Commander's Licence: Private Pilot's Licence

Commander's Age: 49 years

Commander's Flying Experience: 463 hours (of which 203 were on type)

Last 90 days - 9 hours Last 28 days - 5 hours

Information Source: Aircraft Accident Report Form submitted by the pilot

The aircraft was landing at Perranporth after a flight from Old Sarum. The weather was fine, with a 15 kt easterly wind. The pilot made a normal approach to Runway 09, with both a green light and a mechanical indicator confirming that the landing gear was locked down. As the pilot lowered the nose after touchdown, he heard and felt an impact. He immediately pulled back on the control column to keep the nose off the runway, while steering with rudder and brakes. Eventually, the nose dropped fully to the ground and the aircraft slid to a halt on the runway, about 45° offset from the centreline.

The pilot, who was uninjured, secured the aircraft and vacated it. This required going forward from the cabin door and over the wing, as the rear step was too high off the ground.

The pilot reported that the nose landing gear had suffered a mechanical failure. A knowledgeable witness in the control tower had reportedly observed the landing gear to be down prior to landing, and saw the nose gear collapse after a short ground roll. The reason for the failure of the nose landing gear has yet to be established.

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