

ACCIDENT

Aircraft Type and Registration:	Cessna 208B Grand Caravan, G-CPSS
No & Type of Engines:	1 Pratt & Whitney Canada PT6A-114A turboprop engine
Year of Manufacture:	2004 (Serial no: 208B1059)
Date & Time (UTC):	16 August 2017 at 1125 hrs
Location:	Runway 22, Air Camp, Netheravon, Wiltshire
Type of Flight:	Non-commercial
Persons on Board:	Crew - 1 Passengers - None
Injuries:	Crew - None Passengers - N/A
Nature of Damage:	Nosewheel, propeller and propeller hub
Commander's Licence:	Private Pilot's Licence
Commander's Age:	57 years
Commander's Flying Experience:	489 hours (of which 146 were on type) Last 90 days - 6 hours Last 28 days - 2 hours
Information Source:	Aircraft Accident Report Form submitted by the pilot

The aircraft was being operated by a sport parachute club and was on the fifth sortie of the day dropping parachutists over Netheravon Airfield from heights up to 13,000 ft. Following a rapid descent, the aircraft was stabilised for the final approach to Runway 22 with FLAP 30 set, airspeed 85 kt and propeller rpm set to MAX. The weather was good with a surface wind from 200° at 13 kt. The aircraft was stabilized but, on short finals at about 150 to 200 ft, the aircraft started to drop, which the pilot described as “the sensation ... of being rapidly pushed down”, or windshear. He tried to pull up to correct the descent but landed heavily in a flat, nose down attitude. The aircraft skidded along the grass runway, veering off to the right and coming to a halt alongside the runway. During the landing, the nose landing gear broke off and the propeller contacted the ground. When the aircraft stopped, the pilot isolated the fuel and electrical systems and vacated through the normal exit.

An internal investigation identified that the aircraft had touched down in the undershoot and the nose landing gear had probably broken when it encountered a shallow drainage ditch.