

No: 3/92

Ref: EW/G92/01/10

Category: 1c

Aircraft Type and Registration: Cessna F172M Skyhawk, G-BEZV

No & Type of Engines: 1 Lycoming O-320-E2D piston engine

Year of Manufacture: 1976

Date & Time (UTC): 18 January 1992 at 1220 hrs

Location: Inch Airfield, Grampian, Scotland

Type of Flight: Private

Persons on Board: Crew - 1 Passengers - 1

Injuries: Crew - None Passengers - None

Nature of Damage: Damage to right landing gear strut, right side of fuselage and fin

Commander's Licence: Private Pilot's Licence with IMC and Night ratings

Commander's Age: 64 years

Commander's Flying Experience: 289 hours (of which 45 were on type)

Information Source: Aircraft Accident Report Form submitted by the pilot

The pilot was carrying out a 30° flap powered approach to runway 31 at Inch airstrip. On short finals, at a speed of 60 kt, the aircraft encountered an unexpected downdraught causing the right wing to drop. The right main landing gear strut struck an electric cable suspended some 10 feet above ground situated 570 feet from the threshold. The cable snapped on impact and the aircraft continued to complete the landing without further incident. The weather at the time was 5/8 cloud at 4000 feet, good visibility and a surface wind of 300/6 to 8 kt. The pilot reported that the most likely cause of the accident was due to wind shear as the airstrip is surrounded by hills on three sides.