

AAIB Bulletin No: 4/93

Ref: EW/G93/02/11

Category: 1c

Aircraft Type and Registration: Pierre Robin DR400/180 Regent, G-FTIL

No & Type of Engines: 1 Lycoming O-360-A3A piston engine

Year of Manufacture: 1988

Date & Time (UTC): 21 February 1993 at 1400 hrs

Location: Kirkbymoorside, Yorkshire

Type of Flight: Private

Persons on Board: Crew - 1 Passengers - 3

Injuries: Crew - None Passengers - None

Nature of Damage: Right main landing gear broke off, damaging the right wing. Initial impact bent the nose landing gear.

Commander's Licence: Private Pilot's Licence

Commander's Age: 51 years

Commander's Flying Experience: 257 hours (of which 173 were on type)
Last 90 days - 24 hours
Last 28 days - 17 hours

Information Source: Aircraft Accident Report Form submitted by the pilot

The flight from Hinton-in-Hedges to Kirkbymoorside had proceeded as planned and, having made a flypast inspection at 500 feet agl, the pilot made the first approach to Runway 04. The wind was 340° to 360° at 15 to 25 kt and gusting. The strip is approximately 700 metres long and the pilot judged that the aircraft was too high and too fast on short finals and so effected a go-around.

The second approach appeared to be normal but, when about ten feet above the ground the aircraft suddenly dropped, landing heavily on the right main landing gear and bouncing before coming to rest on the right wing tip and the remaining gear. The propeller did not strike the ground, there was no fire and the diagonal safety harnesses of all four occupants withstood the impact forces.

The pilot states that the airspeed was about 70 kt when the aircraft dropped and believes that the accident was caused by windshear.