

AAIB Bulletin No: 9/94

Ref: EW/G94/07/14

Category: 1.3

Aircraft Type and Registration: Pulsar, G-PULS

No & Type of Engines: 1 Rotax 582 piston engine

Year of Manufacture: 1991

Date & Time (UTC): 11 July 1994 at 1840 hrs

Location: Borough Farm, Micheldever, Hampshire

Type of Flight: Private

Persons on Board: Crew - 1 Passengers - 1

Injuries: Crew - None Passengers - None

Nature of Damage: Landing gear damaged

Commander's Licence: Private Pilot's Licence with Night Rating

Commander's Age: 30 years

Commander's Flying Experience: 202 hours (of which 10 were on type)
Last 90 days - 11 hours
Last 28 days - 6 hours

Information Source: Aircraft Accident Report Form submitted by the pilot and telephone enquiries by the AAIB

Following a sudden engine failure at 1,400 feet the pilot chose the only field within gliding distance which did not contain a crop. A 'MAYDAY' call was transmitted and two-way radio communication established until the aircraft passed through 300 feet. When he turned onto finals the pilot realised that the field he was committed to was ploughed. On touchdown the left wheel locked and the aircraft came to rest some 120 yards further on without inverting.

The engine failure was traced to a short circuit between the left (green) and right (white) charging cables at a point where they come together in a harness before entering the electronic ignition units.