

No: 12/90

Ref: EW/G90/08/27

Category: 1c

Aircraft Type and Registration: CFM Metal-Fax Streak Shadow S-A, G-STRK

No & Type of Engines: 1 Rotax 582 piston engine

Year of Manufacture: 1990

Date and Time (UTC): 14 August 1990 at 1520 hrs

Location: Jurby Airfield, Isle of Man

Type of Flight: Private

Persons on Board: Crew - 1 Passengers - 1

Injuries: Crew - None Passengers - None

Nature of Damage: Left main landing gear collapsed and nose gear buckled - propeller destroyed - left side flap bent and small cuts in wing fabric

Commander's Licence: Private Pilot's Licence

Commander's Age: 44 years

Commander's Total Flying Experience: 131 hours (of which 1 was on type)

Information Source: Aircraft Accident Report Form submitted by the pilot

The pilot reports that, as the weather was CAVOK and the surface wind was 240°/10-12 knots with gusts to 14 knots, she decided to carry out some circuit practice. Runway 26 at Jurby aerodrome has a displaced threshold due to a public road which crosses the approach, and one of the pilot's concerns was to maintain a safe height whilst crossing the road.

On the first approach the pilot crossed the road at 300 feet, reduced power and commenced what she anticipated being a fairly long final approach for landing. As the aircraft was about 10 feet above the runway there was what she described as a 'sudden and very vicious gust' from which she had no time to recover. A heavy landing on the left main landing gear resulted. The aircraft then slid to a halt sustaining substantial damage. Both occupants, who had been wearing full restraint harnesses which held throughout, were able to release themselves from the wreckage without injury.

In a frank and detailed Aircraft Accident Report, the pilot considers that the cause of the accident was the presence of wind shear which was exacerbated by her own inexperience on type.