

**No: 3/89**

**Ref: EW/G88/12/12**

**Category: 1c**

**Aircraft Type and Registration:** Amateur construction Fred series 2, G-PFAC

**No & Type of Engines:** 1 Volkswagen 1834 piston engine

**Year of Manufacture:** 1982

**Date and Time (UTC):** 10 December 1988 at between 1200 hrs and 1300 hrs

**Location:** Dunkeswell

**Type of Flight:** Test flight

**Persons on Board:** Crew - 1                      Passengers - None

**Injuries:** Crew - Minor                      Passengers - N/A

**Nature of Damage:** Substantial - main gear sheered off, fuselage split, cabin buckled

**Commander's Licence:** Private Pilot's Licence

**Commander's Age:** 41 years

**Commander's Total Flying Experience:** 57 hours (of which none were on type)

**Information Source:** Aircraft Accident Report Form submitted by the pilot

The aircraft had been recently repaired and had been subjected to a Permit to Fly renewal inspection. The weather on the day of the flight was wind north westerly at 5-7 kt, good visibility, cloud 8/8 stratus at 1,000 ft and temperature +9°C.

After the aircraft had been checked and further engine tests made, the aircraft was taxied to runway 36 for take off. After take-off and during the initial climb out, engine power seemed to decay, and the aircraft "mushed" downwards. Full stall recovery action was ineffective, the aircraft stalled and entered an incipient spin to the right. After  $\frac{3}{4}$  of a turn the aircraft crashed onto the grass near the junction of runways 18/36 and 09/27. The pilot reports that during taxiing trials the engine was prone to carburettor icing.

The pilot who was wearing full upper torso restraint received minor injuries. There was no fire.