

No: 6/86

Ref: 1b

Aircraft type and registration: Jodel D117 G-AYKJ

No & Type of Engines: One Continental Motors Corp C90-14F piston engine

Year of Manufacture: 1958

Date and time (GMT): 29 March 1986 at 1735 hrs

Location: Arnolds Farm, Stapleford, Essex

Type of flight: Private (pleasure)

Persons on board: Crew — 1 Passengers — 1

Injuries: Crew — None Passengers — None

Nature of damage: Right undercarriage leg bent, and engine air filter damaged

Commander's Licence: Private Pilot's Licence

Commander's Age: 27 years

Commander's total flying experience: 129 hours (of which 66 were on type)

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

The aircraft had joined the circuit at Stapleford after completing a flight of approximately 45 minute duration. After completing the downwind checks the pilot turned the aircraft onto base leg and reduced the engine power to approximately $\frac{1}{3}$ full power. As the aircraft's speed was reduced the pilot reduced the engine power until the throttle was fully closed, whereupon the engine stopped. The pilot headed directly for the airfield but upon realising that the aircraft was undershooting he selected a nearby field and carried out an emergency landing during which the right undercarriage leg was bent rearwards causing the aircraft to pitch forward onto its nose.

The aircraft's engine, mounted to the airframe, was run satisfactorily on the ground after the accident.

The pilot stated that he could not remember if the carburettor heat was selected to the HOT or COLD position during the descent. Inspection of the carburettor heat mechanism after the accident showed it to be jammed in the COLD position, the jamming being caused by the accident. The temperature at the time of the accident was +3°C, with 8/8 cloud at 2000 feet and isolated showers.