

No: 10/90

Ref: EW/G90/07/09

Category: 1c

**Aircraft Type and Registration:** Glos Airtourer Super 150, G-AZOF

**No & Type of Engines:** 1 Lycoming O-320-E2A piston engine

**Year of Manufacture:** 1970

**Date and Time (UTC):** 15 July 1990 at 1220 hrs

**Location:** Park Farm, Oaksey, Wiltshire

**Type of flight:** Private

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

**Injuries:** Crew - None                      Passengers - N/A

**Nature of Damage:** Wing, fuselage, propeller and landing gear damage, minor damage to tailplane

**Commander's Licence:** Private Pilot's Licence with IMC rating

**Commander's Age:** 25 years

**Commander's Total Flying Experience:** 352 hours (of which 135 were on type)

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

The pilot reported that he carried out a normal flight from Sleaf, passing Cirencester at 2500 feet. He joined the circuit at Park Farm at 1500 feet then began a descent using 1,500 RPM with Carburettor Heat selected. On initiating the turn from base leg to final, the pilot wished to reduce the rate of descent. He therefore advanced the throttle, but this had no apparent effect. A further advance of the throttle produced no power increase. It thus became necessary to carry out a forced landing in a field of corn short of the airstrip.

A subsequent examination of the carburettor air box revealed that the butterfly valve was free to rotate on its shaft thus permitting the effective carb-heat setting to differ from that selected in the cockpit.

Examination of the valve and shaft revealed the absence of the two tubular pins normally securing the valve to the shaft.