

No: 14/83

Ref: EW/G 83/11/03

**Aircraft type and registration:** Cessna 150 Aerobat G-BCKV (light single engine fixed wing aircraft)

**Year of manufacture:** 1974

**Date and time (GMT):** 11 November 1983 at 1130 hrs

**Location:** 2 nm E.N.E. of Perth Aerodrome

**Type of flight:** Solo training

**Persons on board:** Crew — 1                      Passengers — Nil

**Injuries:** Crew — Nil                      Passengers — N/A

**Nature of damage:** Substantial

**Commander's Licence:** Student Pilot

**Commander's Age:** 21 years

**Commander's total flying experience:** 36 hours (all on type)

At 300' after the first take-off of a solo training detail sudden vibration and noise associated with loss of engine power caused the student pilot to carry out a forced landing. The aircraft was successfully landed in ploughed field but after a ground roll of 60-70 yards, when the aircraft had almost stopped, the nose wheel entered a hole and the aircraft turned over onto it's back. The student evacuated the aircraft immediately without assistance and was uninjured.

Subsequent examination of the engine revealed a failure of number four cylinder around the circumference at the attachment flange.