

**Aircraft type and registration:** Piper PA-18-150 Super Cub G-AVPT

**No & Type of engines:** 1 Lycoming O-320-A2B piston engine

**Year of Manufacture:** 1967

**Date and time (UTC):** 20 August 1986 at 1800 hrs

**Location:** Redhill Aerodrome, Surrey

**Type of flight:** Private (pleasure)

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

**Injuries:** Crew — None                      Passengers — None

**Nature of damage:** Damage to rudder, fuselage, wings and wing struts

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

**Commander's Age:** 65 years

**Commander's Total Flying Experience:** 1000 hours (of which 5 were on type)

**Information Source:** Aircraft Accident Report Form submitted by the pilot and communications with the owner and maintenance organisation

The aircraft took off from grass Runway 26L at Redhill Aerodrome with an experienced Piper Cub pilot acting as safety pilot for the commander. The fuel tanks were virtually full. All appeared normal during pre-flight checks and during initial climb, but at a height of around 300 feet there was a complete loss of power. All engine and fuel system controls were found to be in their correct positions.

A straight ahead force landing was made into a field of standing wheat. Shortly after touch-down hard left rudder was applied to avoid running into a fence, hedge and ditch on the airfield boundary. The aircraft nosed gently over on to its back at a low speed. Upper torso restraints held and both occupants were able to evacuate promptly without injury.

The maintenance organisation repairing the aircraft checked the fuel system and engine in some detail, but found no cause for the power loss.