

**Aircraft type and registration:** De Havilland DH82A Tiger Moth, G-ANCX (Light single engined biplane)

**Year of Manufacture:** Approx 1941

**Date and time (GMT):** 30 May 1983 at 1735 hrs

**Location:** Weald, Kent

**Type of flight:** Private

**Persons on Board:** Crew – 2 Passengers – Nil

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

**Nature of damage:** Damage to propeller, engine cowlings, undercarriage and fuel tank

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

**Commanders Age:** 54 years

**Commander's total flying:** 700 hours. (of which 300 hours were on type)

The pilots intended to carry out local flying from Biggin Hill. They telephoned their agents in Biggin Hill and requested a fuel check on the aircraft. A small quantity was required to fill the tank. Because the aircraft had now flown for several weeks (although the engine had been run 3 weeks previously) the pre-flight checks were extensive and everything appeared as normal.

However, after a normal take-off and climb to 2000 ft on QNH, on levelling out, the engine failed completely and the aircraft forced-landed into soft ground and nose-over.

No investigation has so far taken place into the cause of the engine failure, but the pilot is of the opinion that fuel contamination is a likely reason because the failure occurred immediately on changing the aircraft's attitude to level flight.