

**AAIB Bulletin No: 10/93**

**Ref: EW/G93/08/26**

**Category: 1.3**

**Aircraft Type and Registration:** DH82A Tiger Moth, G-AMHF

**No & Type of Engines:** 1 De Havilland Gipsy Major piston engine

**Year of Manufacture:** 1940

**Date & Time (UTC):** 21 August 1993 at 1420 hrs

**Location:** Woburn Abbey, Bedfordshire

**Type of Flight:** Private

**Persons on Board:** Crew -1                      Passengers - 1

**Injuries:** Crew - None                      Passengers - None

**Nature of Damage:** Damage to airframe, fuel tank and engine bearers

**Commander's Licence:** Airline Transport Pilot's Licence with FI Rating

**Commander's Age:** 33 years

**Commander's Flying Experience:** 3,000 hours (of which 300 were on type)  
Last 90 days - 100 hours  
Last 28 days - 20 hours

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

The wind at the Woburn Abbey strip was 360°/5-10 kt and Runway 03 was in use. Shortly after the beginning of the take-off roll the pilot felt the aircraft decelerate and the tail began to lift abnormally quickly. Full UP elevator failed to restrain the nose down pitch and, as the tail continued to lift and a nose-over became inevitable, the pilot closed the throttle to minimise propeller damage. She also briefed the passenger to remain strapped in until the aircraft had settled and help arrived. When the aircraft had come to rest upside down and there was no danger of fire, the pilot carried out the shutdown drills and both occupants were assisted from the aircraft.

It was noted that the strip had a number of significant undulations and had been quite deeply rutted by deer in the locality. This area is no longer used as a take off and landing strip.