

# De Havilland, DH82A Tiger Moth, G-ANLD, 23 June 2001 at 1137 hrs

**AAIB Bulletin No:** 8/2001    **Ref:** EW/G2001/06/35    **Category:** 1.3

**Aircraft Type and Registration:** De Havilland, DH82A Tiger Moth, G-ANLD

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

**Year of Manufacture:** 1943

**Date & Time (UTC):** 23 June 2001 at 1137 hrs

**Location:** Old Warden Aerodrome

**Type of Flight:** Private

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

**Injuries:** Crew - none - Passengers - none

**Nature of Damage:** General damage to propeller, landing gear, wings and fuselage

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

**Commander's Age:** 59 years

**Commander's Flying Experience:** 365 hours (of which 208 were on type)

Last 90 days - 6 hours

Last 28 days - 5 hours

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

The aircraft was landing on Runway 21 at Old Warden Airfield; the grass surface was dry. The surface wind was 140°/6 kt and the temperature was estimated to be 24°C. The pilot reported that the aircraft was aligned on final approach 2 nm from the threshold, at 800 ft aal and 55 to 60 kt. About 500 yards from the threshold, the aircraft was high and the pilot used sideslip to adjust the flight path. The aircraft had regained the correct approach path, at a speed of 55 kt, when a high sink rate developed and it struck the top of a tree which was 70 yards from the threshold and about 20 feet high. The pilot was unable to arrest the sink rate in time to prevent the aircraft landing heavily on the runway. The landing gear collapsed and the aircraft came quickly to a halt, still on the runway centreline. Both occupants were wearing Sutton harnesses and escaped without injury