

**No: 3/91**

**Ref: EW/G90/12/03**

**Category: 1c**

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

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

**Year of Manufacture:** 1943

**Date and Time (UTC):** 1 December 1990 at 1235 hrs

**Location:** Shoreham Airport, Sussex

**Type of Flight:** Private

**Persons on Board:** Crew - None                      Passengers - None

**Injuries:** Crew - None                      Passengers - N/A

**Nature of Damage:** Broken propeller, shock-loaded engine and minor damage to rudder, engine cowlings and starboard upper wing

**Commander's Licence:** Airline Transport Pilot's Licence with Instructor rating

**Commander's Age:** 36 years

**Commander's Total Flying Experience:** 5,468 hours (of which 50 were on type)

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

The aircraft was stationary on the ground where the pilot was starting the engine without assistance by hand-swinging the propeller. He stood behind it and next to the front cockpit where he could reach the throttle and magneto switches. When the engine fired, the throttle setting was too great and the engine roared into life. There were no chocks under the main wheels and as the aircraft began to move, the pilot attempted to switch off the magnetos. He was unable to do so partly because they were caged in the ON position and partly because he slipped on wet grass during the brief chase. The aircraft swung to the left, the tail reared up and the propeller struck the ground; the resultant torque reaction was sufficient to roll the aircraft onto its back. The pilot, who was unhurt, attributed the accident to "a familiar procedure in an unfamiliar aircraft". He also stated that he was cold and not thinking properly after a recent 60 minute flight to Shoreham.