

Aircraft type and registration: Piper PA-38-112 G-DTOO

No & Type of engines: One Lycoming O-235-L2C piston engine

Year of Manufacture: 1978

Date and time (GMT): 2 April 1986 at 1200 hrs

Location: Wycombe Air Park

Type of flight: Training

Persons on board: Crew — 2 Passengers — None

Injuries: Crew — None Passengers — N/A

Nature of damage: Substantial damage to propeller blade tips, engine mountings, and nose landing gear assembly

Commander's Licence: Private Pilot's Licence (with Assistant Instructor rating)

Commander's Age: 24 years

Commander's Total Flying Experience: 240 hours (of which 190 were on type)

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

The aircraft was on a local training flight, flown by a student pilot under the instruction of an assistant flying instructor. The student had completed a total of 8 hours dual instruction. The instructor reports that the accident occurred during the final stages of a landing when the student flared the aircraft. At that time the aircraft entered a gentle climb and he immediately lowered the nose, but the aircraft landed firmly on the nose landing gear. The instructor considers that he did not have time to recover from the situation, however, he took control and applied full throttle to continue the exercise. During the climb out it was apparent that the engine was not producing full power, and a precautionary landing was made without further incident. The weather at the time was fine and the surface wind was down the runway at 15 knots. Slight turbulence was reported.

After landing it was discovered that the propeller tips were bent forwards and that the aircraft had sustained substantial damage to the engine mountings and nose landing gear assembly.