

**No: 11/86**

**Ref: 1c**

**Aircraft type and registration:** Piper PA-25-235 G-AZPA

**No & Type of engines:** 1 Lycoming O-540-B2C5 piston engine

**Year of Manufacture:** 1970

**Date and time (UTC):** 22 October 1986 at 1253 hrs

**Location:** Talgarth, South Wales

**Type of flight:** Aerotowing

**Persons on board:** Crew — 1                      Passengers — None

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

**Nature of damage:** Right main landing gear collapsed with resulting damage to flaps and propeller. Engine shock loaded

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

**Commander's Age:** 27 years

**Commander's Total Flying Experience:** 660 hours (of which 400 were on type)

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

The pilot reports that he was returning to land after his ninth aerotow of the day. He positioned the aircraft for a normal approach towards the touchdown aiming point, which was the beginning of a level landing area at the top of a slight ridge. This manoeuvre required that the landing flare be commenced over upward sloping ground. He considers that on this occasion he misjudged the extent of wind shear caused by the slope, and the aircraft was landed firmly well short of the aiming point. On landing the right main landing gear collapsed. The wind at the time was from 30 degrees right of the landing direction gusting to 23 knots.