

ACCIDENT

Aircraft Type and Registration:	Pegasus Quantum, G-BYYY	
No & Type of Engines:	1 Rotax 912 piston engine	
Year of Manufacture:	1999	
Date & Time (UTC):	12 July 2008 at 0930 hrs	
Location:	Redlands airfield, Wanborough, Wiltshire	
Type of Flight:	Training	
Persons on Board:	Crew - 2	Passengers - None
Injuries:	Crew - None	Passengers - N/A
Nature of Damage:	Damage to nosewheel and trike	
Commander's Licence:	Private Pilot's Licence	
Commander's Age:	53 years	
Commander's Flying Experience:	1,100 hours (of which 1,000 were on type) Last 90 days - 90 hours Last 28 days - 20 hours	
Information Source:	Aircraft Accident Report Form submitted by the pilot	

Synopsis

During the approach, in turbulent air, to Runway 24 the instructor assessed that the aircraft was low and instructed the student to increase power. Instead the student closed the foot throttle. The instructor then increased power by opening the hand throttle. The aircraft cleared a fence, but after this the student pulled on the control bar, causing the aircraft to pitch forward and to land on the runway in a nose-down attitude.

History of the flight

The instructor had briefed his student for a lesson on flying a circuit, using Runway 24 at Redlands airfield. The taxi, takeoff, climb and downwind leg of the circuit were flown by the student without incident. The instructor judged that the student's turn onto the base leg

was in a good position, although the aircraft was a little low. The turn onto final was conducted satisfactorily with the aircraft positioned toward the runway centreline. However it was still low so the instructor told the student to increase power to correct this.

After a short period the student reduced power by closing the foot throttle. At this point the aircraft was low and appearing to sink due to turbulent air; this occurred close to the fence that runs perpendicular to the approach to Runway 24.

The instructor reached down to operate the hand throttle and this increased the engine power enough for the aircraft to pass over the fence. Having cleared the fence,

the student then pulled on the control bar, causing the aircraft to pitch forward and land on the runway nose first. This resulted in a damaged nosewheel and damage to the front of the trike.

The instructor and student had been wearing full harnesses and helmets and were uninjured.