

ACCIDENT

Aircraft Type and Registration:	Pegasus Quantum 15-912, G-BZSS	
No & Type of Engines:	1 Rotax 912 piston engine	
Year of Manufacture:	2001 (Serial no: 7770)	
Date & Time (UTC):	20 April 2019 at 1400 hrs	
Location:	RAF Oakley (disused), Buckinghamshire	
Type of Flight:	Private	
Persons on Board:	Crew - 1	Passengers - 1
Injuries:	Crew - 1 (Minor)	Passengers - 1 (Minor)
Nature of Damage:	Substantial	
Commander's Licence:	National Private Pilot's Licence	
Commander's Age:	56 years	
Commander's Flying Experience:	413 hours (of which 23 were on type) Last 90 days - 5 hours Last 28 days - 4 hours	
Information Source:	Aircraft Accident Report Form submitted by the pilot	

During the approach to Holmbeck Farm Airfield, the aircraft encountered 'sink' on final approach. The pilot was unable to arrest the high rate of descent despite adding power and flaring. The aircraft made a hard landing that caused substantial damage; including to its base tube, front strut, right main and nose landing gear, Figures 1 and 2. This damage resulted in the foot throttle becoming jammed at a high power setting.



Figure 1

Damage including bent front strut and displaced right main landing gear



Figure 2
Damage to base tube

The pilot decided to continue to climb away from the resulting bounce as the throttle was now stuck at a high power setting. He also decided to return to RAF Oakley (now disused), his home base, as it had a larger concrete runway.

During the return flight, the pilot alerted emergency services using the emergency frequency.

After a short hold overhead, to allow arrival of the emergency services, the pilot selected the ignition systems OFF and carried out a successful 'dead-stick' emergency landing. The pilot and passenger received minor injuries and were assisted by the emergency services.