

ACCIDENT

Aircraft Type and Registration:	Taylor Monoplane, G-BFDZ	
No & Type of Engines:	1 Volkswagen 1600 piston engine	
Year of Manufacture:	1986	
Date & Time (UTC):	23 June 2007 at 1400 hrs	
Location:	Garston Farm Airfield, Marshfield, Wiltshire	
Type of Flight:	Private	
Persons on Board:	Crew - 1	Passengers - None
Injuries:	Crew - 1 (Minor)	Passengers - None
Nature of Damage:	Engine and main spar detached from fuselage, landing gear bent	
Commander's Licence:	Private Pilot's Licence	
Commander's Age:	60 years	
Commander's Flying Experience:	111 hours (of which 34 were on type) Last 90 days - 21 hours Last 28 days - 6 hours	
Information Source:	Aircraft Accident Report Form submitted by the pilot	

Synopsis

On approach to a farm strip, the aircraft encountered a sudden loss of lift. The pilot applied full throttle and lowered the nose, whereupon the aircraft struck the ground heavily in a nose-low attitude, detaching the engine.

History of the flight

The aircraft was approaching Runway 27 at the farm airstrip after a local flight where the wind was estimated as 250° at 15-17 kt. The approach was normal with an indicated airspeed of 60 kt reducing to 50 kt over the threshold. After the aircraft had passed about 50 metres beyond the threshold, and at a height of about 8 metres,

the pilot experienced "a sudden loss of lift, presumably caused by a change in wind conditions". He immediately applied full power and lowered the nose, probably as an instinctive reaction to maintain airspeed. The aircraft struck the ground in a nose-low attitude and the engine and forward bulkhead detached. It came to rest with the tail in the air on the remains of the forward cockpit and the pilot evacuated via the detached canopy with minor injuries.

The pilot cites the cause of the accident as "over control in an attempt to avoid a heavy landing".