

AAIB Bulletin No: 10/95 **Ref:** EW/G95/08/26 **Category:** 1.3

Aircraft Type and Registration: Socata TB20 Trinidad, G-WERY

No & Type of Engines: 1 Lycoming IO-540-C4D5D piston engine

Year of Manufacture: 1982

Date & Time (UTC): 28 August 1995 at 1430 hrs

Location: Caernarfon Airfield, Gwynedd

Type of Flight: Private

Persons on Board: Crew - 1 Passengers - 1

Injuries: Crew - None Passengers - None

Nature of Damage: Propeller blades bent and hub damaged; nose landing gear destroyed and right main landing gear trailing link and tyre required replacement

Commander's Licence: Private Pilot's Licence with IMC Rating

Commander's Age: 55 years

Commander's Flying Experience: 745 hours (of which 162 were on type)
Last 90 days - 8 hours
Last 28 days - 3 hours

Information Source: Aircraft Accident Report Form submitted by the pilot

When positioned downwind for the active Runway 26, the pilot was informed of a runway change to Runway 08. The surface wind was estimated as 020°/15 to 20 kt. The final approach to Runway 08 was started at the normal position and at the recommended speed but, even with the throttle closed, an unusually low nose attitude was required to maintain the approach path. The pilot reports that this, together with the gusty crosswind conditions, caused him to misjudge the flare such that the aircraft landed nose wheel first, causing it to bounce and porpoise either once or twice. He then carried out a successful go-around and Caernarfon Radio informed him that his propeller had touched the ground. Despite the damage to the propeller, the final landing was uneventful and the aircraft was taxied to the parking area and shut down.

The Aerodrome Fire Service were alerted and had manned their vehicle but, in the event, were not required.