

**AAIB Bulletin No: 3/96**

**Ref: EW/G95/10/25**

**Category: 1.3**

**Aircraft Type and Registration:** Gulfstream AA-5B Tiger, G-PENN

**No & Type of Engines:** 1 Lycoming O-360-A4K piston engine

**Year of Manufacture:** 1978

**Date & Time (UTC):** 31 October 1995 at 1605 hrs

**Location:** Denham Aerodrome, Middlesex

**Type of Flight:** Private

**Persons on Board:** Crew - 1                      Passengers - 1

**Injuries:** Crew - None                      Passengers - None

**Nature of Damage:** Substantial to nose landing gear and propeller with shock loading to engine

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

**Commander's Age:** 68 years

**Commander's Flying Experience:** 476 hours (of which 420 were on type)  
Last 90 days - 6 hours  
Last 28 days - 3 hours

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

The pilot was returning to Denham Aerodrome to land on Runway 06. The weather conditions for the approach were fine with a surface wind 070°/0 to 7 kt, no cloud and a visibility reduced to 4 km due to haze. The pilot reported that her flight was uneventful except that she noticed that the aircraft's throttle, although functioning correctly, was a little stiff to move.

The aircraft was positioned too high for the first approach and the pilot decided to go-around for a second attempt. On the second approach the pilot reported that, due to the light winds, she touched down hard and fast, on all three wheels. The aircraft then bounced and she attempted to go-around but she could not move the throttle positively enough to prevent the aircraft hitting the runway a second time nosewheel first. After the aircraft slowed to taxi speed the pilot vacated the runway and as the aircraft crossed from the tarmac to the grass the nose landing gear collapsed. The pilot, who was wearing a lap and diagonal seat belt, vacated the aircraft without injury.