

**AAIB Bulletin No: 8/93**

**Ref: EW/G93/06/11**

**Category: 1c**

**Aircraft Type and Registration:** Grumman AA-5B Tiger, G-BFJA

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

**Year of Manufacture:** 1978

**Date & Time (UTC):** 15 June 1993 at 0840 hrs

**Location:** Halfpenny Green Airfield, West Midlands

**Type of Flight:** Private

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

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

**Nature of Damage:** Nose landing gear buckled, propeller bent, slight damage to cowling

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

**Commander's Age:** 46 years

**Commander's Flying Experience:** 128 hours (of which 59 were on type)  
Last 90 days - 28 hours  
Last 28 days - 11 hours

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

The aircraft was landing at Halfpenny Green Airfield after a flight from Woodvale. The runway in use was 22, with a surface wind reported as 220°/5 kt. The landing distance available on Runway 22 is 550 metres. In order to take advantage of a 938 metre landing distance available, the commander elected to land on Runway 16. The commander stated that the airspeed was 70-75 kt over the threshold. His perception of the landing flare was affected by the humped nature of the threshold end of the runway, a feature that he had not previously experienced. The aircraft touched down initially on both mainwheels, but bounced twice before touching down in a flat, or nose down, attitude. The nose landing gear buckled, causing the propeller to strike the surface. There was no fire. Both occupants, who were wearing full harnesses, were uninjured and vacated the aircraft by the normal means.