

AAIB Bulletin No: 7/94 **Ref:** EW/G94/05/09 **Category:** 1.3

Aircraft Type and Registration: Gulfstream AA-5A Cheetah, G-BGFG

No & Type of Engines: 1 Lycoming O-320-E2G, piston engine

Year of Manufacture: 1978

Date & Time (UTC): 3 May 1994 at 1135 hrs

Location: Blackbushe Airport, Surrey

Type of Flight: Private

Persons on Board: Crew - 1 Passengers - None

Injuries: Crew - None Passengers - N/A

Nature of Damage: Propeller strike and minor damage to nosewheel assembly

Commander's Licence: Private Pilot's Licence

Commander's Age: 53 years

Commander's Flying Experience: 133 hours (of which 14 were on type)
Last 90 days - 9 hours
Last 28 days - 6 hours

Information Source: Aircraft Accident Report Form submitted by the pilot

The pilot returned to Blackbushe after a VFR cross-country flight during which he had been temporarily uncertain of his position. The weather was fine but the wind was 180°/25 kt. On his first approach to Runway 08 the pilot was too high and he decided to go-around. On his second approach he was advised to go-around and during his third approach the airspeed was too high and the aircraft porpoised along the runway. As the pilot opened the throttle to go-around a third time, the propeller tips touched the runway. The aircraft then diverted to nearby Farnborough where it landed without further problems on Runway 18 which was into wind.

The pilot stated that he was "still shaken" after his earlier navigational problems and that shortly after the accident, he was diagnosed by a medical practitioner to be suffering from a viral infection.

The demonstrated crosswind limit for the AA-5A is 17 kt.