

Aircraft type and registration: Gulfstream American AA5A G-KILT (light single engined fixed wing aircraft)

Year of Manufacture: 1979

Date and time (GMT): 31 October 1985 at 1557 hrs

Location: Denham Aerodrome, Buckinghamshire

Type of flight: Training

Persons on board: Crew — 1 Passengers — None

Injuries: Crew — None Passengers — N/A

Nature of damage: Damage to both wings and spars, main gear legs fractured, and engine shock loaded as a result of propeller damage.

Commander's Licence: Student Pilot's Licence

Commander's Age: 33 years

Commander's Total Flying Experience: 19 hours (all of which were on type)

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

On a solo flight following a dual check, the pilot took off on runway 07 for a circuit detail. The wind was calm and the temperature +5°C, with no visible moisture.

The pilot had been briefed to carry out 3 touch and go landings followed by a final full stop landing. One landing and take-off were successfully completed but, as the aircraft was rotated at 60 kt for the second take-off, the engine lost 3 to 400 RPM and the aircraft sank back onto the runway. The pilot closed the throttle but, despite the maximum possible braking, the aircraft overran the end of the runway and collided with the perimeter fence. There was no fire and the pilot escaped without injury.

Subsequent examination and test running of the engine has failed to identify any fault or reproduce the power reduction.