

No: 4/92

Ref: EW/G92/02/04

Category: 1c

Aircraft Type and Registration: Beech 76 Duchess, G-BOJT

No & Type of Engines: 2 Lycoming O-360 -A1G6D piston engines

Year of Manufacture: 1978

Date & Time (UTC): 13 February 1992 at 1040 hrs

Location: Halfpenny Green Airport, Staffordshire

Type of Flight: Private

Persons on Board: Crew - 2 Passengers - None

Injuries: Crew - 2 minor Passengers - N/A

Nature of Damage: Damaged beyond economic repair

Commander's Licence: Commercial Pilot's Licence with IMC and Instructor ratings

Commander's Age: 66 years

Commander's Flying Experience: 12,500 hours (of which 125 were on type)

Information Source: Aircraft Accident Report Form submitted by the pilot

The pilot was carrying out asymmetric circuit flying, under the supervision of a flying instructor. Several circuits were flown on runway 22 before ATC offered the longer runway 28. As the wind was light, the pilot accepted. The third approach to runway 28 was flown with the left engine at idle power, to simulate a failure. The surface wind was reported to have been 210°/10 kt. The touchdown was normal and power was applied to both engines to complete the touch-and-go landing. The aircraft yawed and banked to the left as it became airborne and the left wingtip struck the ground. The instructor immediately took control and, to avoid aerodrome buildings and parked aircraft, continued the left turn until the aircraft came to a halt alongside the runway, approximately on runway heading. The occupants were wearing lap and diagonal harnesses and escaped with minor injuries.

The instructor considered that the accident occurred because the power had been applied too abruptly and the left engine had not responded at the same rate as the right; this caused a sudden and unexpected yaw to the left.