

No: 3/88

Ref: 1c

Aircraft type and registration: Piper PA-30 G-OLIN

No & Type of engines: 2 Lycoming 10-320-BIA piston engines

Year of Manufacture: 1968

Date and time (UTC): 16 August 1987 at 1740 hrs

Location: Stapleford Airfield, Essex

Type of flight: Private (pleasure)

Persons on board: Crew — 1 Passengers — 3

Injuries: Crew — None Passengers — None

Nature of damage: Damaged beyond economic repair

Commander's Licence: Private Pilot's Licence with Night Rating

Commander's Age: 36 years

Commander's Total Flying Experience: 340 hours (of which 8 were on type)

Information Source: Aircraft Accident Report Form submitted by the pilot and AAIB telephone enquiries.

The aircraft had been flown into Stapleford that day by the owner with no reported defects. The pilot who took over the aircraft for a proposed flight to Plymouth, refuelled, and boarded with three passengers.

The aircraft commenced a take-off run on runway 22 and lifted off at a reported IAS of 75 kt with an intermittent stall warning. The nose was lowered to correct for the stall warning and the main gear touched the surface before the aircraft became airborne again.

The aircraft then yawed to the left and the stall warning sounded. The dropping left wing was raised by application of rudder. Airspeed was below 70 kt, and because of the proximity of trees a forced landing was carried out in a field to the left of the runway. The occupants were uninjured.

The pilot cites a failure of the left engine as the cause of the yaw and loss of performance. Post accident inspection of ground marks and the propellers suggests that both engines were developing power at impact. As the aircraft was damaged beyond economic repair, the owner is not contemplating further technical investigation.