

**Aircraft type and registration:** Reims Cessna F150M G-BEIG

**No & Type of engines:** 1 Continental Motors Corp 0-200-A piston engine

**Year of Manufacture:** 1976

**Date and time (GMT):** 21 October 1987 at 2211 hrs

**Location:** Clayton, Nr Morpeth, Tyne and Wear

**Type of flight:** Private (for Flying Experience Requirement)

**Persons on board:** Crew — 1                      Passengers — None

**Injuries:** Crew — None                      Passengers — N/A

**Nature of damage:** Substantial — to most extremities of the aircraft

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

**Commander's Age:** 27 years

**Commander's Total Flying Experience:** 225 hours (of which 200 were on type)

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

The aircraft was refuelled with 46 litres of Avgas 100LL at Luton, and although the pilot did not physically check the fuel tanks, he had heard the bowser cut-off operate for both tanks and assumed that they were full.

At 1750 hrs the aircraft took off from Luton for a night flight to Edinburgh with the flight plan endurance quoted as 4 hours and estimated flight time of 3 hours 15 minutes. The flight passed over Newcastle at 2030 hrs, some 25 minutes behind the flight plan estimate, and the latest Edinburgh weather was obtained from Newcastle.

At 2123 hrs the pilot decided that he was unhappy about his fuel state and Edinburgh weather and decided to return to Newcastle. At 2211 hrs the engine lost power and the propeller stopped rotating. The pilot broadcast a "Mayday" call and carried out a forced landing in a ploughed field 6 miles north of Newcastle airport. The nosewheel dug into the mud and the aircraft tipped over onto its back. The pilot's diagonal upper torso restraint held throughout and the pilot was uninjured. There was no fire and local and aerodrome emergency services were quickly at the scene.

The agency that recovered the aircraft reports that a little over a gallon of Avgas was recovered when the wings were removed for transportation.