

Cessna F150L, G-BKAC, 30 March 1996

AAIB Bulletin No: 6/96 Ref: EW/G96/03/10 Category: 1.3

Aircraft Type and Registration:Cessna F150L, G-BKAC

No & Type of Engines:1 Continental O-200-A piston engine

Year of Manufacture:1973

Date & Time (UTC):30 March 1996 at 1155 hrs

Location:Retreat Farm, Little Baddow, Chelmsford, Essex

Type of Flight:Private

Persons on Board:Crew - 1 Passengers - 1

Injuries:Crew - None Passengers - None

Nature of Damage:Substantial damage to both wings, engine, propeller and nosewheel

Commander's Licence:Private Pilot's Licence

Commander's Age:44 years

Commander's Flying Experience:93 hours (of which 56 were on type)

Last 90 days - 3 hours

Last 28 days - 2 hours

Information Source:Aircraft Accident Report Form submitted by the pilot

The purpose of the flight was to carry out visual circuits using the easterly runway. The weather conditions consisted of a surface wind of 020 / 15 kt with broken cloud at 2500 feet and a temperature of 7 °C. The runway is of grass, oriented approximately 100° and with a usable length of 487 metres. After travelling approximately one third of the distance along the runway during the take-off run, the aircraft hit a bump which caused it to lift off the ground. As the airspeed was low, the pilot pushed forward on the controls and the nosewheel hit the ground heavily. The pilot then felt heavy vibrations which caused him to believe that the nosewheel had been damaged by the impact so he released the forward pressure on the controls; the aircraft then bounced into the air once again. Realising that the airspeed was still low, the pilot decided to abandon the take off and to turn the aircraft to the left to avoid colliding with the hedge at the end of the runway. However, the aircraft continued to bounce and the left wing hit the ground; the aircraft pitched forward onto the propeller and then onto the right wing. Once the aircraft had come to a standstill, the pilot switched

off the engine and fuel and evacuated the aircraft with his passenger. Neither the pilot nor his passenger were injured.