

**No: 9/87**

**Ref: 1c**

**Aircraft type and registration:** Cessna 152 G-BKTT

**No & Type of engines:** 1 Lycoming 235 L2C piston engine

**Year of Manufacture:** 1983

**Date and time (GMT):** 29 July 1987 at 2000 hrs

**Location:** Navestock Common, Essex

**Type of flight:** Training

**Persons on board:** Crew — 2                      Passengers — None

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

**Nature of damage:** Substantial — to propeller, nose gear, and tip of fin and rudder

**Commander's Licence:** Private Pilot's Licence with full instructor rating

**Commander's Age:** 50 years

**Commander's Total Flying Experience:** 960 hours

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

The aircraft was on a training flight from Stapleford Tawney Airfield with an instructor and student on board. After approximately forty minutes from take-off the engine appeared to lose power such that airspeed and height could not be maintained. Carburettor heat was applied and the mixture control operated in order to regain engine power. These actions were unsuccessful and a forced landing was carried out in a field of standing corn.

The nose landing gear dug into the surface and the aircraft slowly nosed over and came to rest inverted. There was no fire. The occupants were wearing diagonal upper torso restraint, which held on impact, and they were uninjured.

Apart from slightly low compression on one cylinder there was no other apparent cause for the significant loss of power.