

No: 4/87

Ref: 1c

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

**No & Type of engines:** 1 Rolls Royce Continental 0-200-A piston engine

**Year of Manufacture:** 1975

**Date and time (UTC):** 21 February 1987 at 1000 hrs

**Location:** Andrewsfield Airfield, Nr Stebbing, Essex

**Type of flight:** Training

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

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

**Nature of damage:** Nose landing gear collapsed — resultant damage to propeller, lower fuselage skin and engine cowlings

**Commander's Licence:** Student Pilot

**Commander's Age:** 52 years

**Commander's Total Flying Experience:** 29 hours (all on type)

**Information Source:** Aircraft Accident Report Form submitted by the Instructor.

Following a 45 minute dual instruction exercise on cross-wind landing technique a student pilot was authorised for one further solo circuit and landing. After a normal take-off and circuit the aircraft was observed to be high on the final approach and, after this was corrected, to cross the runway threshold at the correct height but with a high rate of descent. On landing the aircraft bounced twice before the nose landing gear collapsed and the propeller struck the ground. The aircraft came to rest on the grass runway and the pilot, who was uninjured, turned off the fuel, magnetos, and electrical master switch and vacated the aircraft.

The weather at the time was fine with a surface wind of between 10 and 12 knots. The cross-wind component on the runway in use was 8 knots from the left. The maximum recommended cross-wind component for the Cessna 150 is 15 knots.