

**Aircraft type and registration:** Reims Cessna FRA 150M G-BDOW

**No & Type of engines:** 1 Continental Motors Corp 0-240-E piston engine

**Year of Manufacture:** 1976

**Date and time (UTC):** 15 August 1987 at 1420 hrs

**Location:** Edinburgh Airport

**Type of flight:** Training

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

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

**Nature of damage:** Substantial to left wing, undercarriage strut, and twisted fuselage

**Commander's Licence:** Private Pilot's Licence

**Commander's Age:** 29 years

**Commander's Total Flying Experience:** 322 hours (of which 250 were on type)

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

The aircraft was taking off on runway 26 with an instructor and a student. The wind was 250°M/05 knots and the weather fine but the runway reportedly wet.

As the nosewheel left the runway and the aircraft became airborne the instructor reports hearing a grinding, grating noise and decided to discontinue the take-off. He closed the throttle, landed, and because of the wet runway used the rudder and brakes sparingly.

The aircraft went off the end of the runway and over a small river, before coming to rest against the far embankment. The occupants were uninjured and evacuated the aircraft immediately. There was no fire but the aircraft suffered damage to the left wing, left landing gear strut, and sustained a twisted centre fuselage, and broken rear window. The engine and ancillary equipment was tested and found to be serviceable.

An on-duty air traffic controller, also an experienced instructor, observed the aircraft commence its take-off run with what appeared to him to be full flap. When the club CFI arrived at the aircraft some minutes later, he found that full flap was selected and extended, and that the elevator trim was fully nose down.