



**MINISTRY OF TRANSPORT AND INFRASTRUCTURE**

**AIR ACCIDENT INVESTIGATION DEPARTMENT**

**PRELIMINARY REPORT**

OPERATOR:	Flight Training Centre Limited
AIRCRAFT TYPE/ MANUFACTURER:	Cessna 172N/Cessna Aircraft Corporation
YEAR OF MANUFACTURE:	1978
AIRCRAFT REGISTRATION:	5Y-CBK
AIRCRAFT SERIAL NUMBER:	17270303
DATE OF REGISTRATION:	29 August 2012
TYPE OF ENGINE:	Lycoming 0-320-H2AD
ENGINE SERIAL NUMBER:	L-7829-76
DATE OF OCCURRENCE:	14 June 2013
TIME OF OCCURRENCE:	1155
LOCATION OF OCCURRENCE:	1°20'04''S 36°48'30''E (Nairobi National Park)
TYPE OF FLIGHT:	Training
NUMBER OF PERSONS ON BOARD:	Two
INJURIES:	None
NATURE OF DAMAGE:	Cracks and dents on the landing gear fairings;
CATEGORY OF OCCURRENCE:	Serious Incident
PIC FLYING EXPERIENCE:	1579 hours

*Times given in this report are Coordinated Universal Time (UTC)  
East African Local Time is UTC plus 3 hours.*



## REMARKS

The incident occurred at 1155 hours and was immediately reported to the Air Accident Investigation Department by Wilson Airport Control Tower. Investigators responded to the site within two hours of notification.

The aircraft was conducting a normal routine training flight at the Wilson Airport Local Training Area with two souls on board – Flight Instructor and Student Pilot. The flight crew intended to conduct forty minutes flight in the local training area and twenty minutes of circuits.

According to the Flight Instructor, the other purpose of the flight was to conduct General Flight Training (GFT) revision for the Student Pilot.

Engine startup was approximately 1145 hours. The aircraft was cleared for taxi up to the holding point of runway 14. The Air Traffic Control (ATC) cleared the aircraft for take-off on runway 14 at 1152 hours. According to the crew take-off roll was uneventful and the aircraft climbed to about 5700 feet.

The Flight Instructor reported that the aircraft started vibrating abnormally immediately after the right roll was initiated, followed by loss of both the RPM and engine power. The Instructor relayed distress call at 1154 hours and was cleared by ATC to land on any suitable runway.

With the RPM having dropped to 1500, a forced landing was executed at the Nairobi National Park.

No injuries were reported, although the aircraft suffered some visible damage limited to cracks and dents on the landing gear fairings and surface scratches sustained from contact with bushes.

**Chief Inspector of Aircraft Accidents**

**06/05/2013**