



MINISTRY OF TRANSPORT AND INFRASTRUCTURE
STATE DEPARTMENT OF TRANSPORT
AIR ACCIDENT INVESTIGATION DEPARTMENT

PRELIMINARY REPORT

OPERATOR/OWNER : Ace Air Limited
AIRCRAFT TYPE/ MANUFACTURER : Cessna U206/Cessna Aircraft Company
YEAR OF MANUFACTURE : 1979
AIRCRAFT REGISTRATION : 5Y-CFB
AIRCRAFT SERIAL NUMBER : U20605210
DATE OF REGISTRATION : 20August 2014
NUMBER AND TYPE OF ENGINE : One TCM IO-550-F
DATE OF OCCURRENCE : 16 November 2014
TIME OF OCCURRENCE : 0915 hours
LOCATION OF OCCURRENCE : DelMonte Farm in Gatwanyaga near Ndula Marker
(1°02'38"S, 37°12'35")
TYPE OF FLIGHT : Private
NUMBER OF PERSONS ON BOARD : One
INJURIES : None
NATURE OF DAMAGE : Engine structural damage
CATEGORY OF OCCURRENCE : Serious incident
PILOT IN COMMAND : Eric Marigi (YK-5004-CL)
PIC FLYING EXPERIENCE : 1253 hours

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



REMARKS

On the early afternoon of 16 November 2014, the Air Accident Investigation Department was notified of a serious incident in DelMonte Farm in Gatwanyaga near Ndula Marker. The aircraft, a Cessna U206 of registration 5Y-CFB, was on a private flight from Wilson Airport to Murgi Ranch in Laikipia. The pilot was the sole occupant in the aircraft. According to the pilot, the aircraft was refueled at Wilson Airport with 90 gallons of fuel and the engine was topped up with two quarts of oil. According to the pilot, preflight and power checks conducted prior to the flight indicated that everything was normal.

The aircraft took off from Wilson Airport at approximately 0858 hours. Just after take-off, the aircraft changed route to NE due to weather. At approximately 0905 hours, the pilot noticed that the fuel flow had dropped from the initial setting of 14 to 13 gallons per hour. Upon readjustment, the pilot stated that the fuel flow again dropped from 14 to 13 gallons per hour. At approximately 2 nautical miles from Ndula Marker, the pilot reported hearing a thud noise followed by loss of engine power. The oil filler cap door opened and oil started oozing. The aircraft lost oil pressure and at approximately 0915 the pilot made an emergency landing at an empty road inside DelMonte Farm.

The damage sustained by the aircraft was limited to the engine and engine cowling. Preliminary examination of the aircraft engine revealed an internal structural failure of cylinder № 4 connecting rod and a section of the crankcase. A small section of the engine cowling was also torn.

The pilot did not sustain any injuries as a result of the incident.

The investigation is in progress.

Chief Investigator

02/12/2014