



**MINISTRY OF TRANSPORT AND INFRASTRUCTURE**  
**STATE DEPARTMENT OF TRANSPORT**  
**AIR ACCIDENT INVESTIGATION**  
**PRELIMINARY REPORT**

OPERATOR:	PRIVATE
AIRCRAFT TYPE/ MANUFACTURER:	PA 28-236 (DAKOTA)
YEAR OF MANUFACTURE:	1979
AIRCRAFT REGISTRATION:	5Y -DMS
AIRCRAFT SERIAL NUMBER:	28-79112117
DATE OF REGISTRATION:	9 FEBRUARY 2007
TYPE OF ENGINE:	Lycoming O-540J3A5D
DATE OF OCCURRENCE:	31 MAY 2015
TIME OF OCCURRENCE:	1600
LOCATION OF OCCURRENCE:	RIRONI, LIMURU S 1°9'57.55" E 36°09' 39.38"
TYPE OF FLIGHT:	PRIVATE
NUMBER OF PERSONS ON BOARD:	<b>One</b>
INJURIES:	FATAL
NATURE OF DAMAGE:	Substantial
CATEGORY OF OCCURRENCE:	Accident
PIC'S FLYING EXPERIENCE:	270 hours

*All times given in this report is local.  
East African Local Time is UTC plus (+) 3 hours.*



## REMARKS

The pilot took off on a solo flight from Nairobi's Wilson Airport (WAP) at 0830 AM on a private mission to Oserian in Naivasha. The aircraft owner, (a private pilot license holder) had requested the pilot to pick him, up from Oserian at 8.00 am, with an intention of flying to Nanyuki.

The pilot landed at Oserian at about 8.45am and departed Oserian at about 0900 am with three on board. The flight leg Oserian to Nanyuki was to take approximately one hour. The aircraft owner was pilot flying (PF) on the leg. The aircraft landed at Nanyuki at about 10.30am. The PF stated that the weather was cloudy and with the guidance of pilot not flying (PNF) they climbed to FL 115. The flight was smooth and uneventful. The return leg Nanyuki to Naivasha was equally good and the owner flew the leg as well. The weather on this leg was also cloudy with slight fog on the ground surface. They landed at Oserian at 3.30pm.

The pilot then departed Oserian for Wilson alone at around 3.45 pm. The flight was estimated to take twenty minutes to Wilson Airport. At 3.54 pm the aircraft appeared on the JKIA area radar at an altitude of 7900ft on a heading of 114°. The transponder was in Mode S squawking on frequency 2071 MHz. At 3.58 pm the aircraft was flying at 7600 ft. on a heading of 143° and was in contact with Wilson Tower the destination airport. The aircraft suddenly disappeared from the radar display at 15.59 pm.

The aircraft collided with a TV and Radio mast that was 90 meters tall. The mast was ripped off and a second mast that was 72 m tall was also destroyed at the top. The aircraft crashed about three hundred meters from the taller of the masts. At the final site of the crash the aircraft plunged to the ground in a nose down attitude damaging a residential house. The crash was fatality. Post impact fire was noted on the aircraft tail fin, right wing and on a temporary makeshift house.

## Chief Investigator of Accidents

12 June 2015