



Ref: 0367

SOUTH AFRICAN CIVIL AVIATION AUTHORITY

INCIDENT REPORT – EXECUTIVE SUMMARY

Aircraft Registration	ZS-DYY	Date of Incident	16 December 2004	Time of Incident	0705Z
Type of Aircraft	PA 28-140	Type of Operation	Training		
Pilot-in-command Licence Type	Student Pilot	Age	32	Licence Valid	Yes
Pilot-in-command Flying Experience	Total Flying Hours	84.2	Hours on Type	44	
Last point of departure	Rand Aerodrome (FAGM)				
Next point of intended landing	Rand Aerodrome (FAGM)				
Location of the incident site with reference to easily defined geographical points (GPS readings if possible)					
On Runway 35 at Rand Aerodrome					
Meteorological Information	Fine weather conditions prevailed at the time of the accident.				
Number of people on board	1+0	No. of people injured	0	No. of people killed	0

Synopsis

The student pilot accompanied by a flight instructor flew two dual consolidation circuits which were satisfactory.

The instructor then authorised the student to fly solo circuits. The student stated that during landing on the third solo circuit the aircraft lifted and veered to the left of the runway. He applied power in an attempt to compensate for the ballooning but the nose of the aircraft pitched down followed by a hard landing. The aircraft continued to veer off to the left of the runway, before coming to a halt on the grass area next to the runway.

As the engine was still running the pilot taxied the aircraft to the parking bay whereby he noticed propeller damage during his after flight inspection.

The pilot was not injured during the incident.

The pilot was the holder of a valid student pilot license with a valid medical certificate and the aircraft type was endorsed in his license.

The Training Organisation was the holder of a valid Certificate of Accreditation (CAA/0066) which was valid until 20 June 2005.

According to available records the aircraft was correctly maintained and has flown a total of 16.61 hours since the last MPI which was certified on the 13 December 2004 at a total of 11469.80 airframe hours.

Probable Cause

After ballooning the pilot failed to take corrective actions which resulted in a hard landing that caused propeller damage.