



Ref: 7853

**SOUTH AFRICAN CIVIL AVIATION AUTHORITY****ACCIDENT REPORT – EXECUTIVE SUMMARY**

<b>Aircraft Registration</b>	ZS-FYA	<b>Date of Accident</b>	04 September 2004	<b>Time of Accident</b>	1015Z
<b>Type of Aircraft</b>	CHEROKEE-PA-28-140	<b>Type of Operation</b>		Training	
<b>Pilot-in-command License Type</b>	Student pilot	<b>Age</b>	41	<b>Licence Valid</b>	Yes
<b>Pilot-in-command Flying Experience</b>	Total Flying Hours	44.7	<b>Hours on Type</b>	37.7	
<b>Last point of departure</b>	Krugersdorp (FAKR)				
<b>Next point of intended landing</b>	Krugersdorp (FAKR)				
<b>Location of the accident site with reference to easily defined geographical points (GPS readings if possible)</b>					
Left hand of Runway 08 next to the taxiway at Krugersdorp Aerodrome (S26° 06'00".0 E027° 44'00.0).					
<b>Meteorological Information</b>	Pilot reported fine weather conditions: wind: 026°/10 knots, visibility good and the temperature 24°C.				
<b>Number of people on board</b>	1	<b>No. of people injured</b>	0	<b>No. of people killed</b>	0

**Synopsis**

The student was on a solo training flight from Krugersdorp Aerodrome to the GFA (general flying area) for the preparation of his PPL (private pilot license) test when the accident happened.

The pilot was tested for the GFA (general flying area) earlier that morning which was satisfactory and was going to be tested for the cross country (navigation) later during the week.

During the take off roll on Runway 08 the pilot lost directional control of the aircraft and in the process the nose landing gear collapsed. The aircraft veered off the runway to the left hand side of the runway over the taxiway before it came to a halt on the grass.

The bottom fuselage of the aircraft, the propeller and the nose oleo strut were severely damaged.

The pilot was not injured during the accident.

The pilot stated that he attempted to maintain runway heading by applying right rudder but nothing happened. He further reported cross wind from the left of Runway 08 which caused the left wing to lift up.

**Probable Cause**

The pilot used wrong technique during the take off roll and lost directional control of the aircraft which resulted in the nose landing gear collapse.