



Ref: 7600

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

Aircraft Registration	ZS-NHK	Date of Accident	03-12-2002	Time of Accident	0835 Z
Type of Aircraft	PIPER PA22-150		Type of Operation	Conversion Flight	
Pilot-in-command License Type	Commercial	Age	62 years	License Valid	Yes
Pilot-in-command Flying Experience	Total Flying Hours	18133	Hours on Type	45	
Last point of departure	Lanseria Aerodrome				
Next point of intended landing	Lanseria Aerodrome				

Location of the accident site with reference to easily defined geographical points (GPS readings if possible)

Lanseria Aerodrome

Meteorological Information	The weather was fine, the temperature + 18°C with the wind variable from all directions				
Number of people on board	2+0	No. of people injured	Nil	No. of people killed	Nil

Synopsis

The Instructor stated that on a conversion training flight at Lanseria Aerodrome, he demonstrated a short field take-off to the student pilot when he felt a pronounced shimmy on the tail wheel of the aircraft.

However, after they had completed three successful touch-and-go landings on Runway 06R, he closed the throttle during the flare prior to a full stop landing, but upon landing the tail wheel started to shimmy and the aircraft started to veer to the right. He then attempted corrective action with the rudder and tail wheel steering system and brakes, but to no avail. The aircraft veered off the runway to the right, onto the grass and the left-hand main landing gear collapsed.

The pilot was in possession of a valid Commercial pilot's license and Instructor Grade II rating.

The Flight Training School was in possession of a valid Operator's License No. CAA/0065 and the flight was duly authorized.

The aircraft landed on Runway 06R in light but variable wind conditions.

Probable Cause

The Instructor lost directional control after landing in variable wind conditions and the fact that the tail wheel assembly failed to turn to the left hand side, contributed to the cause of the accident