



Ref: 7442

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

Aircraft Registration	ZS-SEL	Date of Accident	01/01/02		Time of Accident	0400Z
Type of Aircraft	CESSNA 182P		Type of Operation		Private	
Pilot-in-command Licence Type		Private	Age	36	Licence Valid	Yes
Pilot-in-command Flying Experience		Total Flying Hours	340		Hours on Type	300
Last point of departure		Waterberg Game Park				
Next point of intended landing		Tempe- FABL				

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

Aproximately 300 meters right of center line of Runway 18 at Waterberg private strip

Meteorological Information	The weather was fine with no wind				
Number of people on board	1+3	No. of people injured	2	No. of people killed	None
Synopsis					

The pilot with 3 passengers on board departed a private Game Park for a flight to Tempe.

During the uphill take-off towards high ground and trees with 20 degrees flaps selected the pilot lost control of the aircraft shortly after take-off. The aircraft collided with a tree approximately 300 meters to the right of the centerline of the runway. The two rear passengers were unhurt but the pilot and the front passenger were injured and were admitted to hospital. The post impact fire destroyed the aircraft.

Probable Cause

The pilot lost control of the aircraft after take-off possibly due to the fact that he underestimated the slope of the runway and allowed the aircraft to end up on the wrong side of the drag curve.