



SOUTH AFRICAN CIVIL AVIATION AUTHORITY

ACCIDENT REPORT – EXECUTIVE SUMMARY

Date of Accident	03/01/01	Time of Accident	0815z		
Aircraft Registration	ZS-LBG	Type of Aircraft	Cessna 182 RG		
Name of Owner		Name and Number of Operator			
AC Kleyn		Private			
Pilot-in-command Licence Type	Private - PA 45732	Age	39	Licence Valid	Yes
Pilot-in-command Flying Experience	Total Flying Hours	236	Hours on Type	19.5	
Last point of departure	Private Grass Strip - Hluhluwe				
Next point of intended landing	Vryheid				
Location of the accident site with reference to easily defined geographical points (plus GPS readings if possible)					
Private Grass Strip - Hluhluwe					
Meteorological Information	The weather was fine				
Number of people on board	1	No. of people injured	None	No. of people killed	None
Synopsis	<p>The pilot reported that during his take-off run after approximately 100 meters ground roll, the nose wheel undercarriage collapsed. The propeller and the bottom engine cowling were damaged.</p> <p>The aircraft was recovered by an AMO and flown to their maintenance facility where the aircraft was repaired. Extensive investigation into the collapse of the nose undercarriage did not reveal any particular defect that could cause the nose undercarriage to collapse. Apparently the down lock hooks were slightly worn but not considered as a contributory factor that could have caused the nose undercarriage to collapse. The Electro/Hydraulic systems functioning were also found to be serviceable in all respects.</p> <p>It was also reported that the grass Airstrip was very rough and could be very demanding on a light retractable aircraft's undercarriage.</p>				
Probable Cause					
Undetermined.					