



J10/2/6954

N/A

SOUTH AFRICAN CIVIL AVIATION AUTHORITY

ACCIDENT REPORT – EXECUTIVE SUMMARY

Date of Accident	26 September 1998	Time of Accident	0645 Z		
Aircraft Registration	ZU-BJG	Type of Aircraft	Pietenpol Aircamper		
Pilot-in-command Licence Type	Commercial		Licence Valid	Yes	
Pilot-in-command Flying Experience	Total Flying Hours	1969	Total Hours on Type	137	
Last point of departure	FAKR				
Next point of intended landing	Kitty Hawk Aero Estate				
Location of the accident site with reference to easily defined geographical points (plus GPS readings if possible)					
Close to the Fourways Mall					
Meteorological Information	Wind: 360/08 -Temperature: 15°C - Dewpoint: 13.5°C				
Number of people on board	1+1	No. of people injured	1+1	No. of people killed	Nil
Synopsis	<p>On 26 September 1998, the pilot, accompanied by the owner of the aircraft, was on a flight from Krugersdorp to Groblersdal. He had intended to route via the WK NDB but was forced to divert to the South of track because of low cloud in the Waterkloof area.</p> <p>When passing abeam of Fourways, at 6 500 feet AMSL, he observed another aircraft apparently at the same level. He reduced power in order to descend to a lower level. Shortly after the power reduction, the engine cut and the propeller stopped. He was unable to restart the engine as it was not equipped with a starter motor and the propeller reduction gearing precluded the propeller from wind-milling. He then executed a forced landing on a field.</p> <p>The field was very rough and towards the end of the landing run, there were two deep ruts previously made by a motor vehicle when the ground was soft. On encountering these ruts the aircraft overturned.</p> <p>Although the aircraft was extensively damaged, both occupants sustained only minor injuries in the accident.</p>				
Probable Cause					
Taking the atmospheric conditions and the installation of the carburettor (which protruded through the cowling into the airflow) into account, it seems very likely that the formation of carburettor ice caused the engine stoppage.					