



J10/2/7212

A00-070

SOUTH AFRICAN CIVIL AVIATION AUTHORITY

ACCIDENT REPORT – EXECUTIVE SUMMARY

Date of Accident	18 June 2000	Time of Accident	1230Z	
Aircraft Registration	ZS-RAA	Type of Aircraft	Robinson R22	
Pilot-in-command Licence Type	Private		Licence Valid	Yes
Pilot-in-command Flying Experience	Total Flying Hours	1017	Total Hours on Type	389
Type of Operation	Private			
Last point of departure	Marble Hall			
Next point of intended landing	Grand Central			

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

2nm from Grand Central

Meteorological Information	Weather was fine				
Number of people on board	1	No. of people injured	1	No. of people killed	0
Synopsis					

The pilot was on a private flight from Marble Hall to Johannesburg (Indaba Heliport) in order to deliver the aircraft to a maintenance facility at Grand Central the following morning.

The pilot stated that he had the airport in site when the engine suddenly “died” and he entered into an autorotation.

The pilot had to turn away from a line of trees to avoid a collision and in the process allowed the rotor rpm to decay to a point where there was too little inertia in order to arrest the rate of descent and a hard landing followed.

Probable Cause

The engine failure can be attributed to fuel starvation.