



Ref: 7402

SOUTH AFRICAN CIVIL AVIATION AUTHORITY

ACCIDENT REPORT – EXECUTIVE SUMMARY

Date of Accident	16 September 2001	Time of Accident	1200Z		
Aircraft Registration	ZS-HUH	Type of Aircraft	ROBINSON R22		
Pilot-in-command License Type	Private		License Valid	Yes	
Pilot-in-command Flying Experience	Total Flying Hours:	330.7	Total Past 90 Days	34.9	
	Aeroplane	237.0	Total on Type Past 90 Days	25.3	
	Helicopter	93.4	Total on Type	82,8	
Type of Operation	Private				
Last point of departure	FAGC				
Next point of intended landing	FAGC				
Location of the accident site with reference to easily defined geographical points (plus GPS readings if possible)					
Quarry, 2-3 NM South-east of FAGC					
Meteorological Information	Fine				
Number of people on board	1+1	No. of people injured	0	No. of people killed	0
Synopsis	<p>No on-site investigation was carried out.</p> <p>On 16 September 2001, at approximately 1100Z, the pilot and one passenger took-off from FAGC for a private local flight. Towards the quarry, 3 NM south of FAGC and at 600'AGL, the pilot decided to give the passenger a demonstration of a “quick-stop” followed by an “auto-rotation”.</p> <p>The pilot allowed the rotor RPM to decay to the point where the “Low rotor RPM-horn” was activated. In an attempt to correct the situation a hard landing followed, during which the helicopter sustained substantial damage.</p> <p>The pilot was the holder of a valid license and a valid medical certificate.</p> <p>According to available documentation, the helicopter was serviceable prior to the accident.</p>				
Probable Cause					
The pilot allowed the rotor RPM to decay to the point where the “Low rotor RPM-horn” was activated.					