

## SOUTH AFRICAN CIVIL AVIATION AUTHORITY

Ref: 7820

## ACCIDENT REPORT - EXECUTIVE SUMMARY

Aircraft Registration Type of Aircraft			ACCIDENT REPORT – EXECUTIVE SUMMARY								
Type of Aircraft	ZS-R	TX Date of Accident		18 June 2004 Tir		Tin	ne of Accident	1215Z			
	ROBINSON R22		BETA II	Type of Operati		tion	on Training				
Pilot-in-command Licence Type			Commercial	Age	23	1	Licence Valid	id Yes			
Pilot-in-command Flying Experien		ence	Total Flying Hours	1	339.7		Hours on Type 3		8		
Last point of departure		Panorama Aerodrome									
Next point of intended landing		Panorama Aerodrome									
Location of the accide	ent site wit	h refer	ence to easily defin	ed geo	graphica	l poi	nts (GPS reading	s if po	ssible)		
Panorama Aerodrome,	Runway 30	)									
Meteorological Inform	ation F	Fine: Wind – Calm, Temperature 20°C, Visibility >10km									
Number of people on board		2 No. of people in		jured	Nil		o. of people ki	led	Nil		
Synopsis			·								
The intention of the e torque pedal should g pitch lever). The recovery techniq reducing main and ta land the aircraft follow down first, positively, was unable to recove	jet stuck w jue involvo il rotor rpn ving the e> with sligh	hile es ed rais to kee ercise	tablished in hover t ing the collective w ep the helicopter al , however, during th	flight an /hile sir igned w ne atter	id applyi nultaned vith the f npted la	ng p busly light ndin	ower (advanci rolling off the path. The inte g the left skid g	throi ntion	ttle an was f		
	simpacted	l the gr	ound first followed	by the h	nelicopte	er co	ming to rest on	14 - 1 -			
The main rotor blades side.	mpuotot							its ie	ft-han		

## **Probable Cause**

The instructor pilot allowed the aircraft to touch down left skid first (slight amount of left cyclic), on an uneven grassy surface, aggravated by a strong reaction on the controls by the student, which the instructor was unable to overcome timeously, resulting in a dynamic rollover.