

## SOUTH AFRICAN CIVIL AVIATION AUTHORITY

Ref: 7776

## ACCIDENT REPORT – EXECUTIVE SUMMARY

		ACC	IDENT REPOR		XECUI	IV		Rĭ	
Aircraft Registration	ZS-RHF		Date of Accident	18 March 2004		Т	Time of Acciden		1240Z
Type of Aircraft	ROBINSON R22		BETA	Type of Operati		on	n Private		
Pilot-in-command Licence Type			Private	Age 65 Licence Vali		icence Valid	Yes		
Pilot-in-command Flying Experie			Total Flying Hours	5	262.3	ł	Hours on Type	1 320.9	
Last point of departure		Farm in the Naboomspruit area							
Next point of intended landing		g Farm in the Naboomspruit area							
Location of the accide	ent site w	vith refe	ence to easily defin	ed geog	graphical <sub>l</sub>	poi	nts (GPS reading	s if po	ossible)
Approximately 500m fro	om the po	oint of tak	e-off						
Meteorological Inform	ation	Wind - 360/5, Temperature 24°C, CAVOK							
Number of people on board		1 + 0	1 + 0 No. of people in		I Nil		No. of people kille		Nil
After conducting a flip According to the pilot lower half of the green engine spluttered and The pilot immediately trees resulted in a rap flare and contact with rotor RPM light illumin approximately 15ft Ad According to the pilo followed by a bounce Apart from a minor sh	, shortly n arc on d failed v initiated bid loss c the groun ated on GL (an ir t, ground with the	after lift the instr whilst es d autoro of height und took the instr ndicatior d impace e right sk	off, the helicopter from the gauge. At a tablished over bush tative flight at an in . On clearing the trace in a level attract panel and the that rotor RPM has t did not feel excertid digging into the state.	elt low of height n type to ndicated ees, the itude w e audio d decay ssively soft gro	on power v of approxi errain. d airspeed e aircraft v ith full coll warning s yed to bel heavy, wi und, resul	with ima l of vas lect sou ow ith Itin	h the RPM dec ately 100-150 f ±50mph. Act too close to the tive pitch appli nded when the 97%). the left skid to g in a roll-over	tion f eet / tion f ed. airc	ig to the AGL the round to The low raft was
Probable Cause									
<b></b>									-

The engine failed as a result of fuel starvation, which was most probably caused by the presence of a vacuum that formed within the main fuel tank as a result of the blockage of the main fuel tank vent as well as the interconnecting tank vent.