EXECUTIVE SUMMARY - AIRCRAFT ACCIDENT REPORT

					Reference	e:	CA18/2/3/7702		
Aircraft Registration	Registration ZS-RLY		Date of Accident		25 September 2003		Time of Accident		315Z
Type of Aircraft	Robinso	on R22 I	22 Beta Type of C		Operation		Game Darting		
Pilot-in-command Licence Type		e	Commercial	Age	38		Licence Valid	Yes	
Pilot-in-command Flying Exper		rience	Total Flying Hours	1 158.2	·		Hours on Type	754.	3
Last point of departure	Farm Waterfall near Machadodorp, Mpumalanga								
Next point of intended landing		Farm Waterfall near Machadodorp, Mpumalanga							
Location of the accident site with reference to easily defined geographical points (GPS readings if possil						oossib	le)		
Farm Waterfall near Machadodorp									
Meteorological Information		Surface wind 020° at 10 kts, temperature 28 °C, visibility good							
Number of people on board		1 + 1	No. of people injured		1 + 0	No. of people k			0
Synopsis	iopsis								
The pilot, accompanied by a passenger, took off from the farm on an intended game-darting operation.									
After take-off, they flew approximately 5 200 ft a They were too high for la the helicopter suddenly pedal and lowering the o trees before it fell to the The passenger was no damaged. The indications, as des	bove me anding, a started to collective ground i t injured cribed by	ean sea nd the p o spin in pitch lev in a nos in the a v the pile	level (AMSL). The ilot initiated a deso a clockwise direct ver, but the helicop e-down attitude. accident, but the p ot, are a loss of ta	y then enter cending turn ion. The pilo oter continue ilot fractured ail rotor thrus	ed a gorge in a clockw t immediate d to spin un d his hand. st, which w	and vise ely ro ncon . The vould	approached the d direction. During th eacted by applying trollably, and impace e helicopter was s d require immediat	arting e third full le oted so ubsta e entr	area. d turn, ft yaw everal ntially ry into
autorotation. The pilot s Handbook, Section 3, P								t Ope	rating
The helicopter was exar failures or mechanical m carried out on the helico a further 92.6 hours we	nalfunctio pter prior re flown y	ns of the to the a with the	e airframe were no ccident was certifie helicopter.	ted. The last ed on 28 July	mandatory 2003 at 60	/ per)6.9	iodic inspection (M airframe hours. Sir	PI) that ice the	at was e MPI,
The pilot was the holde logbook. He had a cull/					and had tr	ne n	elicopter type end	orsea	in nis
Probable Cause									
The pilot did not apply t	he correc	ctive rec	overy technique fo	ollowing a lo	ss of tail ro	otor 1	thrust.		
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