



A00-044-7186

SOUTH AFRICAN CIVIL AVIATION AUTHORITY
ACCIDENT REPORT – EXECUTIVE SUMMARY

Date of Accident	20 April 2000	Time of Accident	± 1500Z		
Aircraft Registration	ZS-RHP	Type of Aircraft	Bell 206B		
Pilot-in-command Licence Type	Private		Licence Valid		
Pilot-in-command Flying Experience	Total Flying Hours	484.0	Total Hours on Type	N/A	
Type of Operation	Private				
Last point of departure	Phokeng near Rustenburg				
Next point of intended landing	Phokeng near Rustenburg				
Location of the accident site with reference to easily defined geographical points (plus GPS readings if possible)					
Phokeng near Rustenburg					
Meteorological Information	Fine				
Number of people on board	One	No. of people injured	None	No. of people killed	None
Synopsis	<p>According to the pilot he was practising quick stop manoeuvres, on his eighth and final one, the lower tail fin/stinger assembly struck the ground causing the tailboom assembly to bent upwards, causing the main rotor blades to severed the tailboom. The tailboom assembly broke off and the helicopter swung through 180°, where after it came to a halt, moving rearwards in its skids, causing the skids to broke off.</p>				
Probable Cause					
<p>The pilot executed the manoeuvre at a too low altitude above ground level, not allowing sufficient tail rotor clearance for the high nose-up attitude attained during such a manoeuvre.</p>					