

**SOUTH AFRICAN CIVIL AVIATION AUTHORITY****ACCIDENT REPORT – EXECUTIVE SUMMARY**

|  |   |                              |                          |                             |       |
|--|---|------------------------------|--------------------------|-----------------------------|-------|
| <b>Aircraft Registration</b>   | ZS-HAN  | <b>Date of Accident</b>      | 22 October 2001          | <b>Time of Accident</b>     | 1045Z |
| <b>Type of Aircraft</b>  | ROBINSON R22  |                              | <b>Type of Operation</b> | Training                    |       |
| <b>Pilot-in-command Licence Type</b>   | Student   | <b>Age</b>                   | 19                       | <b>Licence Valid</b>        | Yes   |
| <b>Pilot-in-command Flying Experience</b>  | Total Flying Hours  | 34                           |                          | Hours on Type               | 14    |
| <b>Last point of departure</b>   | FAGM  |                              |                          |                             |       |
| <b>Next point of intended landing</b>  | FAGM  |                              |                          |                             |       |
| <b>Location of the accident site with reference to easily defined geographical points (GPS readings if possible)</b> |   |                              |                          |                             |       |
| FAGM   |   |                              |                          |                             |       |
| <b>Meteorological Information</b>  | Fine  |                              |                          |                             |       |
| <b>Number of people on board</b>   | 1+0   | <b>No. of people injured</b> | 0                        | <b>No. of people killed</b> | 0     |
| <b>Synopsis</b>  | <p>On 22 October 2001, at approximately 1045Z, the student pilot approached a designated landing area at FAGM after returning from a solo flight exercise.</p> <p>During the hover the student applied power and the helicopter entered a violent R/H accelerating spin and a hard landing followed.</p> <p>The pilot escaped unharmed from the helicopter.</p> <p>The aircraft sustained substantial damage to the skids and the engine frame and minor damage to the vertical stabiliser.</p> <p>The pilot held a valid licence and a valid, unrestricted, medical certificate.</p> <p>According to available documentation the aircraft was correctly maintained.</p> <p>Fine weather conditions prevailed at the time of the accident.</p> <p>The student was duly authorised for the flight in terms of the Operators Licence (Domestic Air Services Licence Act).</p> |                              |                          |                             |       |
| <b>Probable Cause</b>  |   |                              |                          |                             |       |
| It would appear that the student failed to counteract the main rotor thrust during the landing.                      |   |                              |                          |                             |       |