

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

<b>Aircraft Registration</b>	<b>ZS-RJJ</b>	<b>Date of Accident</b>	06/07/02	<b>Time of Accident</b>	1348Z
<b>Type of Aircraft</b>	ROBINSON R22 BETA		<b>Type of Operation</b>	Training	
<b>Pilot-in-command Licence Type</b>	Student Pilot Helicopter	<b>Age</b>	64	<b>Licence Valid</b>	Yes
<b>Pilot-in-command Flying Experience</b>	Total Flying Hours	58.4	<b>Hours on Type</b>	58.4	
<b>Last point of departure</b>	FAEL				
<b>Next point of intended landing</b>	FAEL				

**Location of the accident site with reference to easily defined geographical points (GPS readings if possible)**

Next to Threshold of Runway 11 at East London

<b>Meteorological Information</b>	The weather was fine with a light easterly wind				
<b>Number of people on board</b>	1	<b>No. of people injured</b>	1	<b>No. of people killed</b>	None

**Synopsis**

The student pilot was on his 2<sup>nd</sup> solo flight and during his 2<sup>nd</sup> landing prior to touchdown entering the hover he lost direction control of the helicopter causing it to spin to the right. He abruptly lowered the collective to stop the movement. On impact the helicopter rolled over and the pilot sustained minor injuries.

Prior to the student pilot's solo flight a satisfactory consolidation check ride was carried out with him. The weather was fine and he was properly briefed and according to the instructor fully competent to carry out the flight.

The student pilot stated that it seemed to him that the helicopter did not respond to the control input (pedal).

**Probable Cause**

The student pilot was unable to maintain directional control during a solo flight by not applying sufficient left yaw pedal input, which caused the helicopter to spin to the right and roll over on impact.