



Ref: 7409

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

<b>Aircraft Registration</b>	ZS-JLI	<b>Date of Accident</b>	26/09/01	<b>Time of Accident</b>	1615Z
<b>Type of Aircraft</b>	PIPER PA36-285		<b>Type of Operation</b>	Crop spraying	
<b>Pilot-in-command Licence Type</b>	Commercial	<b>Age</b>	40	<b>Licence Valid</b>	Yes
<b>Pilot-in-command Flying Experience</b>	Total Flying Hours	6895	<b>Hours on Type</b>	2449	
<b>Last point of departure</b>	Private strip Daniels Rus - Reitz				
<b>Next point of intended landing</b>	Private strip Danielsrus – Reitz				
<b>Location of the accident site with reference to easily defined geographical points (GPS readings if possible)</b>					
Approximately 2 nm South West from departure strip					
<b>Meteorological Information</b>	The weather was fine with a 5k north westerly wind				
<b>Number of people on board</b>	1	<b>No. of people injured</b>	none	<b>No. of people killed</b>	none
<b>Synopsis</b>	<p>According to the pilot he took off from a grass runway approximately 3 nm South-West of the land to be sprayed and positioned himself for the first spray run. He descended to spray height and after completion of half of the strip he turned out right due to rising ground to the left to position himself for the next spray run. The aircraft was starting to loose height and was nearing the stall. He immediately dumped the load but was unable to prevent the aircraft from colliding with the ground. The aircraft was substantially damage but the pilot was unhurt.</p>				
<b>Probable Cause</b>					
<p>Due to the increase in stalling speed during the turn and a sudden tailwind component the pilot was unable to take timeous corrective action and collided with the ground.</p>					