



Ref: 7541

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

<b>Aircraft Registration</b>	<b>ZS-UVV</b>	<b>Date of Accident</b>	10 August 2002	<b>Time of Accident</b>	1445Z
<b>Type of Aircraft</b>	BOWERS FLY BABY 1A		<b>Type of Operation</b>	Private	
<b>Pilot-in-command Licence Type</b>	Private	<b>Age</b>	30	<b>Licence Valid</b>	Yes
<b>Pilot-in-command Flying Experience</b>	Total Flying Hours	268.8	<b>Hours on Type</b>	64.7	
<b>Last point of departure</b>	Krugersdorp Aerodrome				
<b>Next point of intended landing</b>	Krugersdorp Aerodrome				
<b>Location of the accident site with reference to easily defined geographical points (GPS readings if possible)</b>					
On grass next to a hangar at Krugersdorp aerodrome. S26° 04' 57.1" E027° 43' 35.3" Elevation 5505ft AMSL					
<b>Meteorological Information</b>	The weather was fine, Wind: 133/9, Temperature: 19.7 °C.				
<b>Number of people on board</b>	1	<b>No. of people injured</b>	Nil	<b>No. of people killed</b>	1
<b>Synopsis</b>	<p>According to an eye witness, the aircraft was flying in a northerly direction when the aircraft made a steep turn manoeuvre to the left followed by a high nose up attitude.</p> <p>The aircraft then turned steeply to the left in a southerly direction and flew very low above the hangars before once more turning to the left in an easterly direction flying approximately 1 meter above the hangars before the aircraft nose-dived into the ground.</p> <p>Another witness stated that he saw and heard the aircraft flying low over him outside the hangar. The tone of the engine sounded normal, but as the aircraft cleared the hangar, he heard a bang when the aircraft impacted the ground next to the hangar. The witness further stated that he noticed that the wind had changed direction whilst the pilot was flying and gusting consistently at the hangars.</p> <p>The aircraft impacted the ground in an almost vertical nose down attitude in close proximity to the hangar, bounced backwards and came to rest approximately 4 m away from the side of the hangar.</p> <p>The pilot was fatally injured and the aircraft was extensively damaged on impact.</p>				
<b>Probable Cause</b>					
It appears that the pilot suddenly experienced a gust of wind and/or wind shear causing a loss of lift whilst flying low above the hangars and crashed into the ground.					