



A00-104-7247

## SOUTH AFRICAN CIVIL AVIATION AUTHORITY

### ACCIDENT REPORT – EXECUTIVE SUMMARY

<b>Date of Accident</b>	10 September 2000	<b>Time of Accident</b>	1000Z		
<b>Aircraft Registration</b>	<b>ZS-MRM</b>	<b>Type of Aircraft</b>	<b>Beech F33A</b>		
<b>Pilot-in-command Licence Type</b>	Private		<b>Licence Valid</b>	Yes	
<b>Pilot-in-command Flying Experience</b>	Total Flying Hours	102.6	Total Hours on Type	16.0	
<b>Type of Operation</b>	Private				
<b>Last point of departure</b>	Gaborone - Botswana				
<b>Next point of intended landing</b>	Lanseria				
<b>Location of the accident site with reference to easily defined geographical points (plus GPS readings if possible)</b>					
± 1 km from threshold of Runway 35 (FALA).					
<b>Meteorological Information</b>	Fine (Wind 300° / 25kt)				
<b>Number of people on board</b>	1 + 3	<b>No. of people injured</b>	None	<b>No. of people killed</b>	None
<b>Synopsis</b>	<p>The pilot accompanied by three passengers was engaged in a private flight from Gaborone (Botswana) to Lanseria.</p> <p>While positioned on a right downwind for Runway 35 at Lanseria, at 5 500 feet above ground level the pilot felt a loss of power. She went through her engine failure procedure, where after she informed the control tower that she was experiencing problems.</p> <p>The aircraft was descending fast and it was decided to execute a forced landing. The forced landing was executed approximately 1 km from the threshold of Runway 35 in an open field. The aircraft came to a halt approximately 50m from the first point of impact.</p> <p>Nobody was injured in the accident.</p>				
<b>Probable Cause</b>					
<p>The cause of the engine not delivering full power “(splattering)” could be attributed to the fact that the mixture was set too lean. This probably resulted in loss of power (fuel/air mixture being too lean).</p>					