



SOUTH AFRICAN CIVIL AVIATION AUTHORITY

ACCIDENT REPORT – EXECUTIVE SUMMARY

Date of Accident	14 January 2001	Time of Accident	0900Z		
Aircraft Registration	ZS-JMR	Type of Aircraft	PA30		
Name of Owner		Name and Number of Operator			
JMR Aviation		Private			
Pilot-in-command Licence Type	Private	Age	51	Licence Valid	Yes
Pilot-in-command Flying Experience	Total Flying Hours		829	Hours on Type	97
Type of flight	Private				
Last point of departure	Grand Central Airport				
Next point of intended landing	Rustenburg				
Location of the accident site with reference to easily defined geographical points (GPS readings if possible)					
5 NM northwest of Grand Central					
Meteorological Information	Weather was fine				
Number of people on board	1+2	No. of people injured	0	No. of people killed	0
Synopsis	<p>The pilot stated that, five minutes after take-off, the right engine started running rough and he was unable to rectify the problem and he secured the engine.</p> <p>He then turned back for Grand Central and asked for a straight in approach for runway 17, but with the runway in sight and descending through 6500 ft the left engine started running rough as well and he was also unable to rectify the problem.</p> <p>The pilot then decided to do a forced landing in a nearby grass field. The landing was fine until the aircraft hit a slight embankment hidden in the grass. The aircraft sustained substantial damage to the airframe.</p> <p>The aircraft was inspected on-scene and it was found that the fuel selectors were in the tip tank positions and the tip tanks were empty. However the main fuel tanks were filled to capacity.</p>				
Probable Cause					
The engines failed due to fuel starvation, which occurred as a result of fuel mismanagement.					