



J10/2/6960

# SOUTH AFRICAN CIVIL AVIATION AUTHORITY

## ACCIDENT REPORT – EXECUTIVE SUMMARY

<b>Date of Accident</b>	21 October 1998	<b>Time of Accident</b>	0110z		
<b>Aircraft Registration</b>	<b>ZS-NHM</b>	<b>Type of Aircraft</b>	<b>Piper PA31-350</b>		
<b>Pilot-in-command Licence Type</b>	Commercial		<b>Licence Valid</b>	Yes	
<b>Pilot-in-command Flying Experience</b>	Total Flying Hours	1020 hours	Total Hours on Type	350 hours	
<b>Type of Operation</b>	International charter flight				
<b>Last point of departure</b>	Rand Airport				
<b>Next point of intended landing</b>	Eros Airport in Namibia				
<b>Location of the accident site with reference to easily defined geographical points (plus GPS readings if possible)</b>					
In the overrun area of Runway 29 Rand Airport at a position S26°15' E028°08'					
<b>Meteorological Information</b>	Weather was fine.				
<b>Number of people on board</b>	1 + 1	<b>No. of people injured</b>	Nil	<b>No. of people killed</b>	Nil
<b>Synopsis</b>	<p>The aircraft was loaded with cargo intended for Namibia, early the morning of the accident. The pilot reported that the right-hand engine suffered a loss of power at the point where he rotated the aircraft for take-off. During the attempt to abort the take-off the aircraft skidded over the end of the runway and crashed down an embankment.</p> <p>The pilot and his passenger escaped with minor injuries, but the aircraft was subsequently destroyed by the post impact fire.</p> <p>During the investigation it was found that the aircraft was overloaded.</p>				
<b>Probable Cause</b>					
It was not possible to determine the cause of the right-hand engine to suffer a loss of power, which was the primary cause for the pilot to decide to abort the take-off. The overload situation of the aircraft and the flying conditions at the moment the pilot aborted was such that he was unable to stop the aircraft before the end of the runway.					