



EXECUTIVE SUMMARY - AIRCRAFT ACCIDENT REPORT

				Reference:	CA18/2/3/8162	
Aircraft Registration	ZS-EKB	Date of Accident	29 July 2006		Time of Accident	1000Z
Type of Aircraft	Piper PA 28-235		Type of Operation		Private Flight	
Pilot-in-command Licence Type		Private Pilot	Age	31	Licence Valid	Yes
Pilot-in-command Flying Experience		Total Flying Hours	95.0		Hours on Type	23.5
Last point of departure		Bethlehem Aerodrome				
Next point of intended landing		Bethlehem Aerodrome				
Location of the accident site with reference to easily defined geographical points (GPS readings if possible)						
On the taxi way at Bethlehem Aerodrome.						
Meteorological Information		Surface Wind: 290° - 5 knots, Temperature 18°C, Visibility: Clear, Cloud cover/base: Clear.				
Number of people on board	1 + 0	No. of people injured	0	No. of people killed	0	
Synopsis						
<p>The pilot stated that he flew the aircraft from Bethlehem Aerodrome on a private flight in the area. During landing on Runway 29, the pilot experienced wind shear conditions. The nose gear of the aircraft collapsed, followed by a propeller strike on the identified runway.</p> <p>The aircraft sustained damage to the propeller, engine and forward bottom engine cowlings. The pilot did not sustain any injury.</p> <p>The Aircraft Maintenance Organisation – AMO 252 responsible for maintenance of the aircraft was audited by the CAA on 03 May 2006. All the findings identified in the audit have been complied with as documented in the action plan that was submitted to the CAA.</p> <p>The pilot was the holder of a valid Private Pilots Licence. The aircraft type was endorsed on the licence and had a valid medical certificate with a classified general restriction.</p> <p>The last Mandatory Periodic Inspection (MPI) was certified on 14 October 2005 at total time of 4741.00 airframe hours. The aircraft accumulated another 58.00 hours since the maintenance inspection was certified.</p>						
Probable Cause						
<p>The nose gear of the aircraft collapsed after landing.</p> <p>Contributory Factors: The pilot landed the aircraft in wind shear conditions.</p>						
IARC Date				Release Date		