



Ref: 7961

SOUTH AFRICAN CIVIL AVIATION AUTHORITY

ACCIDENT REPORT – EXECUTIVE SUMMARY

Aircraft Registration	ZS-MWN	Date of Accident	15 May 2005	Time of Accident	1045Z
Type of Aircraft	Piper PA28RT-201T		Type of Operation	Private	
Pilot-in-command Licence Type	Private	Age	51	Licence Valid	Yes
Pilot-in-command Flying Experience	Total Flying Hours	672.84	Hours on Type	331.84	
Last point of departure	Umfoloji Aerodrome				
Next point of intended landing	Newcastle Aerodrome				
Location of the accident site with reference to easily defined geographical points (GPS readings if possible)					
On Runway 05 at Umfolozi Aerodrome.					
Meteorological Information	Surface wind: 060° at 15knots, Temperature: 20°C, Visibility: CAVOK				
Number of people on board	1 + 2	No. of people injured	0	No. of people killed	0
Synopsis	<p>The aircraft was on a flight from Umfolozi to Newcastle. According to the pilot during the take-off run close to rotation speed, he noted an Impala on the right-hand side of the runway moving towards the runway. As an avoiding manoeuvre he allowed the aircraft to drift to the left-hand side of the runway. The left-hand wingtip collided with a tree to the left-hand side of the runway. The drag created by the wingtip contacting the tree caused the aircraft to veer to the left and it departed the runway. The aircraft collided with the vegetation next to the runway and sustained damage to the undercarriage, wings, engine, propeller and fuselage.</p> <p>Umfoloji Aerodrome is an unlicensed aerodrome and it is thus the pilot's responsibility to ensure the safety of the operation.</p> <p>The last Mandatory Periodic Inspection (MPI) prior to the accident was certified on 10 December 2004 at 2070.84 airframe hours. The aircraft flew a further 28 hours since the MPI. It appeared from the last Maintenance Report form on the CAA Aircraft file that all AD's, SB's and SL's were complied with during the MPI.</p> <p>The US FAA issued a Type Certificate no. 2A13 for the model of the aircraft and the SA Civil Aviation Authority accepted this.</p>				
Probable Cause					
In an attempt to avoid a collision with a wild animal on the runway, the pilot allowed the aircraft to drift to the left-hand side of the runway. The left-hand wingtip contacted some trees causing the aircraft to veer off the runway to the left.					
IARC Date		Release Date			