



Ref: 7837

**SOUTH AFRICAN CIVIL AVIATION AUTHORITY****ACCIDENT REPORT – EXECUTIVE SUMMARY**

<b>Aircraft Registration</b>	<b>ZU-CXO</b>	<b>Date of Accident</b>	31 July 2004	<b>Time of Accident</b>	0700Z
<b>Type of Aircraft</b>	CHEETAH 2194		<b>Type of Operation</b>	Training	
<b>Pilot-in-command Licence Type</b>	Microlight	<b>Age</b>	41	<b>Licence Valid</b>	Yes
<b>Pilot-in-command Flying Experience</b>	Total Flying Hours	945		Hours on Type	200
<b>Last point of departure</b>	John Weston Aerodrome (Kimberley)				
<b>Next point of intended landing</b>	Barkley West Aerodrome (Eastern Cape)				
<b>Location of the accident site with reference to easily defined geographical points (GPS readings if possible)</b>					
Runway 20 at Barkley West Aerodrome (S 28° 31.0' E 024° 31.0').					
<b>Meteorological Information</b>	Wind: 020/5, Visibility: Excellent, Temperature: 10°C, Clouds: None				
<b>Number of people on board</b>	2+0	<b>No. of people injured</b>	0	<b>No. of people killed</b>	0
<b>Synopsis</b>	<p>The Instructor pilot and student were on a training flight from John Weston Aerodrome to Barkley West Aerodrome when the accident occurred. They intended to perform three touch and go landings at Barkley West Aerodrome prior to returning to John Weston Aerodrome.</p> <p>During landing on Runway 20 at Barkley West Aerodrome the instructor took over control of the aircraft in an attempt to prevent a hard landing. The aircraft did, however, land hard with all three wheels simultaneously, and the nose gear collapsed 13m after touch-down.</p> <p>The instructor and student sustained no injuries and the aircraft sustained damage to it's nose gear and propeller.</p> <p>The aircraft had a valid Authority to Fly which was issued on 27 January 2004 with an expiry date of 26 January 2005. The last Annual Inspection had been carried out on 10 July 2004 at 501.3 flying hours. The aircraft accumulated a further 19.7 flying hours after the last Annual Inspection.</p> <p>The training school was issued with a Temporal Aviation Training Accreditation and Approval Certificate number CAA/0181 on 17 December 2003 with an expiry date of 28 February 2004. At the time of the accident (31 July 2004) the Accreditation and Approval Certificate was not valid.</p>				
<b>Probable Cause</b>					
<p>The instructor failed to intervene timeously and allowed the student to flare the aircraft too late, which resulted in a hard landing and caused the nose gear to collapse.</p>					