



Ref: 7716

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

Aircraft Registration	ZU-DEH	Date of Accident	26 October 2003		Time of Accident	1530Z
Type of Aircraft	Bush Baby 500		Type of Operation		Training	
Pilot-in-command Licence Type	Private	Age	58	Licence Valid	Yes	
Pilot-in-command Flying Experience	Total Flying Hours	3000		Hours on Type	400	
Last point of departure	Petit Aerodrome					
Next point of intended landing	Petit Aerodrome					
Location of the accident site with reference to easily defined geographical points (GPS readings if possible)						
Farm approximately 800m from Petit Aerodrome.						
Meteorological Information	CAVOK, Wind 300/12, Temperature: 28°C					
Number of people on board	1 + 1	No. of people injured	None.	No. of people killed	None.	
Synopsis	<p>The aircraft, with two pilots onboard was established on final approach for Runway 21 at Petit. At a height of approximately 300 feet AGL (above ground level) they realized that they had no rudder control. The pilot-in-command then applied full power and full right aileron.</p> <p>This caused the aircraft to side-slip to the left and it impacted terrain on a nearby farm with the aircraft in the side-slip attitude. The aircraft over turned on impact and came to rest in an inverted attitude.</p> <p>The aircraft was substantially damaged during the impact sequence. Both occupants managed to escape from the wreckage with only minor injuries.</p> <p>The aircraft had a valid Proving Authority To Fly, which was issued on 3 October 2003 with the expiry date of 2 October 2004.</p> <p>There was no Annual Inspection carried out as yet, as the aircraft was delivered as new, and had only accumulated a total of 1.1 flying hours at the time of the accident.</p>					
Probable Cause						
<p>The right rudder pedal cable swage fitting became dislodged in-flight due to poor workmanship (temporary swage), rendering the pilot unable to maintain directional control, resulting in an uncontrolled impact with the ground/terrain on an open piece of farm land.</p>						