

**AIRCRAFT ACCIDENT REPORT AND EXECUTIVE SUMMARY**

				Reference:	CA18/2/3/8038	
<b>Aircraft Registration</b>	ZS-PAT	<b>Date of Accident</b>	18 September 2005		<b>Time of Accident</b>	0800Z
<b>Type of Aircraft</b>	Kitfox II		<b>Type of Operation</b>	Private		
<b>Pilot-in-command Licence Type</b>	Airline Transport	<b>Age</b>	43	<b>Licence Valid</b>	Yes	
<b>Pilot-in-command Flying Experience</b>	Total Flying Hours	151.9		Hours on Type	7.3	
<b>Last point of departure</b>	Kitty Hawk Aerodrome, Gauteng					
<b>Next point of intended landing</b>	Kitty Hawk Aerodrome, Gauteng					
<b>Location of the accident site with reference to easily defined geographical points (GPS readings if possible)</b>						
Runway 01 at Kitty Hawk Aerodrome.						
<b>Meteorological Information</b>	Surface wind: calm; temperature: 22°C; visibility good					
<b>Number of people on board</b>	1 + 1	<b>No. of people injured</b>	0	<b>No. of people killed</b>	0	
<b>Synopsis</b>	<p>The pilot and the aircraft owner were carrying out a taxi test on runway 01 at Kitty Hawk Aerodrome. The pilot stated that during the taxi test, the nose wheel started to shimmy, and then broke off. The nose wheel landing gear strut contacted the runway surface and the aircraft nosed over onto its roof. The aircraft sustained substantial damage to the propeller, tail fin and fuselage. There were also minor dents on the wings and strut.</p> <p>Neither the pilot nor passenger was injured.</p> <p>The aircraft was issued with a valid Authority to Fly Certificate in terms of Part 24.02.03 of the Civil Aviation Regulations of 1997, as amended on 09 May 2005. The last annual inspection was certified on 21 April 2005 at a total of 108.2 airframe hours and the aircraft was operated for a further 10.19 hours since the last annual inspection was certified.</p>					
<b>Probable Cause</b>						
The nose wheel shimmied and broke off; the strut subsequently contacted the runway surface, and the aircraft nosed over onto its roof.						
IARC Date		Release Date	Reviewed by EM office: AIID October 2009			