



AIRCRAFT ACCIDENT REPORT AND EXECUTIVE SUMMARY

				Reference:	CA18/2/3/8138	
Aircraft Registration	ZU-DXL	Date of Accident	01 October 2006		Time of Accident	0700Z
Type of Aircraft	Magni 22		Type of Operation	Private/Scenic		
Pilot-in-command Licence Type	Gyroplane pilot		Age	54	Licence Valid	Yes
Pilot-in-command Flying Experience	Total Flying Hours	2662.3		Hours on Type	137.6	
Last point of departure	Private Aerodrome in Naboomspruit (Bunde game lodge)					
Next point of intended landing	Private Aerodrome in Naboomspruit (Bunde game lodge)					
Location of the accident site with reference to easily defined geographical points (GPS readings if possible)						
Private Aerodrome in Naboomspruit (Bunde game lodge)						
Meteorological Information	Wind direction: North westerly and moderate; Temperature: 22°C; CAVOK					
Number of people on board	1 + 1	No. of people injured	0	No. of people killed	0	
Synopsis	<p>The pilot stated that a passenger accompanied him on a private/scenic flight to view a game farm. When he took off from the runway 27 in a westerly direction from his private aerodrome at an IAS of 70 mph, the surface wind was moderate northwesterly, and gusting. After take off, there was a sudden change in wind direction, which subsequently caused a loss of lift and he elected to execute a force landing in an area with trees and bushes ahead. The aircraft then collided with trees and bushes during the force landing.</p> <p>The pilot and passenger sustained no injuries. The gyroplane's nose section, tail section, rotors and propeller were substantially damaged.</p> <p>At the time of the accident the aircraft had an invalid Authority to fly, with an expiry date of 01 September 2006. The last annual inspection was certified on the 1 September 2005 and the aircraft had flown an additional of 130.5 hours flown.</p> <p>The pilot was the holder of a valid Gyroplane pilot licence and had the aircraft type endorsed in his logbook.</p>					
Probable Cause						
<p>The pilot experienced a sudden gust of wind shortly after take off resulting on a forced landing. On landing the aircraft collided with trees and bushes.</p>						
IARC Date		Release Date				