



Ref: 7371

SOUTH AFRICAN CIVIL AVIATION AUTHORITY

ACCIDENT REPORT – EXECUTIVE SUMMARY

Date of Accident	29-06-2001	Time of Accident	1100Z		
Aircraft Registration	ZS-INH	Type of Aircraft	BEECH F33A		
Pilot-in-command License Type	Private		Licence Valid	Yes	
Pilot-in-command Flying Experience	Total Flying Hours	148.10	Total Hours on Type	60.60	
Type of Operation	Private				
Last point of departure	Grand Central Aerodrome				
Next point of intended landing	Nelspruit Aerodrome				
Location of the accident site with reference to easily defined geographical points (plus GPS readings if possible)					
5nm SE of Kromdraai near the Witbank mines, S25 49 E029 06,5 .					
Meteorological Information	The weather was fine.				
Number of people on board	1 + 0	No. of people injured	0	No. of people killed	0
Synopsis					

The pilot departed Grand Central Aerodrome on a private flight to Nelspruit Aerodrome when he suddenly experienced a propeller over-speed condition near Witbank.

As Witbank Aerodrome was beyond gliding distance, the pilot executed a forced landing on an open field near the Witbank coal mine. However, upon landing the aircraft rolled through a ditch causing the nose gear to separate from the aircraft, the left-hand main landing gear collapsed and the propeller made contact with the ground.

The accident occurred during daylight conditions

The pilot was not injured but the aircraft was substantially damaged.

The last MPI was certified at a total of 3488.53 airframe hours. The accident occurred 65.53 hours since the last MPI and when the engine was overhauled.

Probable Cause

The camshaft fractured at the number 3 camshaft bearing machined oil transfer pick up point causing the CSU (constant speed unit) bevel gear to become ineffective and the propeller to overspeed with a partial loss of power. The pilot executed a forced landing on an open field resulting in substantial damage to the aircraft.