



SOUTH AFRICAN CIVIL AVIATION AUTHORITY

ACCIDENT REPORT – EXECUTIVE SUMMARY

Date of Accident	5 July 2001	Time of Accident	0730Z		
Aircraft Registration	ZU-BXA	Type of Aircraft	Jabiru SK		
Pilot-in-command Licence Type	Commercial		Licence Valid	Yes	
Pilot-in-command Flying Experience	Total Flying Hours	1 200.0	Total Hours on Type	558.2	
Type of Operation	Commercial (Survey Flight)				
Last point of departure	Groblersdal Aerodrome				
Next point of intended landing	Groblersdal Aerodrome				
Location of the accident site with reference to easily defined geographical points (plus GPS readings if possible)					
Road between Groblersdal and Stoffberg - (Maleoskop Area)					
Meteorological Information	Fine				
Number of people on board	One	No. of people injured	None	No. of people killed	None
Synopsis	<p>According to the pilot he was flying in a southerly direction at 100m (330 feet) AGL doing airborne survey. Engine temperatures and pressures were all in the green.</p> <p>A loud bang was heard and he lost all oil pressure and the propeller stopped. A restart was attempted but to no avail. He then squawked 7700 and did a Mayday call. The nearest place for landing was a tar road approximately 400m from the aircraft's position. The aircraft was manoeuvred for landing on the road.</p> <p>On landing, half the gear was on the tar and half was off. The right main wheel struck a rock during the landing role, which caused the right tyre to burst. The pilot was unable to maintain directional control and the aircraft veered off the road to the right down a shallow embankment.</p>				
Probable Cause					
<p>The aircraft experienced an engine failure in-flight. During an attempted forced landing on a nearby road the right main wheel collided with a rock, which subsequently punctured the tire. The pilot was unable to maintain directional control and the aircraft veered off the road down an embankment.</p>					