



SOUTH AFRICAN CIVIL AVIATION AUTHORITY

ACCIDENT REPORT – EXECUTIVE SUMMARY

Date of Accident	11/09/1998	Time of Accident	1215z		
Aircraft Registration	ZS-KKO	Type of Aircraft	Piper PA-38-112		
Pilot-in-command Licence Type	Private Pilot		Licence Valid	Yes	
Pilot-in-command Flying Experience	Total Flying Hours	170	Total Hours on Type	Not available	
Type of Operation	Private				
Last point of departure	A farm strip about 10 km from Cornelia.				
Next point of intended landing	A farm strip about 10 km from Cornelia.				
Location of the accident site with reference to easily defined geographical points (plus GPS readings if possible)					
On the runway of a farm strip about 10 km from Cornelia.					
Meteorological Information	Fine				
Number of people on board	1 + 1	No. of people injured	Nil	No. of people killed	Nil
Synopsis	<p>In the initial report the pilot stated that he landed the aircraft on the farm strip and during hard braking the left-hand landing gear collapsed. He indicated that one of the landing gear attachment bolts either broke or fell out.</p> <p>Before the aircraft was recovered from the accident site it was further damaged by a hailstorm. The aircraft was deemed economically beyond repair by the insurance company. Questionnaires were dispatched to the pilot/owner, but he did not complete these questionnaires properly and did not describe the accident properly either. He was contacted on several occasions and the questionnaires were even faxed to him again, but with no response.</p> <p>During the investigation it was found that the left-hand landing gear attachment bolts failed in an overload condition, which was indicative of a hard landing.</p>				
Probable Cause					
The pilot landed hard and the landing gear attachment bolts failed due to overload conditions associated with such a landing.					