

LIMITED ACCIDENT INVESTIGATION REPORT

Reference Number	CA18/2/3/10063						
Classification	Accident	Date	1 November 2021	Time	1030Z		
Type of Operation	Private (Part 91)						
Location							
Place of Departure	Krugersdorp (FAKR) Gauteng		Place of Intended Landing	Krugersdorp (FAKR) Gauteng			
Place of Accident	Runway 26 FAKR						
GPS Co-ordinates	Latitude	S 26°04'50.71"	Longitude	E 27°43'33.8"	Elevation	5501ft	
Aircraft Information							
Registration	ZS-LMO						
Model/Make	Cessna 210 N (Serial Number: 210-64230)						
Damage to Aircraft	Substantial		Total Aircraft Hours	3934.4			
Pilot-in-command							
Licence Valid	Yes	Gender	Male		Age	66	
Licence Type	Private Pilot Licence (Aeroplane)						
Total Hours on Type	429.98		Total Flying Hours	604.3			
People On-board	1+0	Injuries	0	Fatalities	0	Other (On ground)	0
What Happened							
<p>On 1 November 2021, a pilot on-board a Cessna 210 aircraft with registration ZS-LMO took off from Krugersdorp Airfield (FAKR) Runway 08 at 1000Z to the general flying area (GFA) with the intention to land back at FAKR. On his return to the airfield, the prevailing wind was favouring Runway 26. During the landing phase, there was a crosswind from the right which caused the pilot to lose control of the aircraft. The aircraft bounced twice before the nose wheel broke off and the propeller struck the runway.</p> <p>The left-wing tip scraped the runway and the aircraft skidded to the right of the runway and eventually came to a stop. The pilot was not injured during the accident and the aircraft sustained substantial damages.</p>							

Table 1: Weather report (Source: Pilot)

Wind Direction	360°	Wind Speed	10kts	Visibility	9999m
Temperature	27°C	Cloud Cover	CAVOK	Cloud Base	CAVOK
Dew Point	-	QNH	-		

Table 2: Weather report (Source: South African Weather Service)

Wind Direction	285°- 294°	Wind Speed	8kts	Visibility	9999m
Temperature	24.7°C	Cloud Cover	CAVOK	Cloud Base	CAVOK
Dew Point	11.8°C	QNH	-		

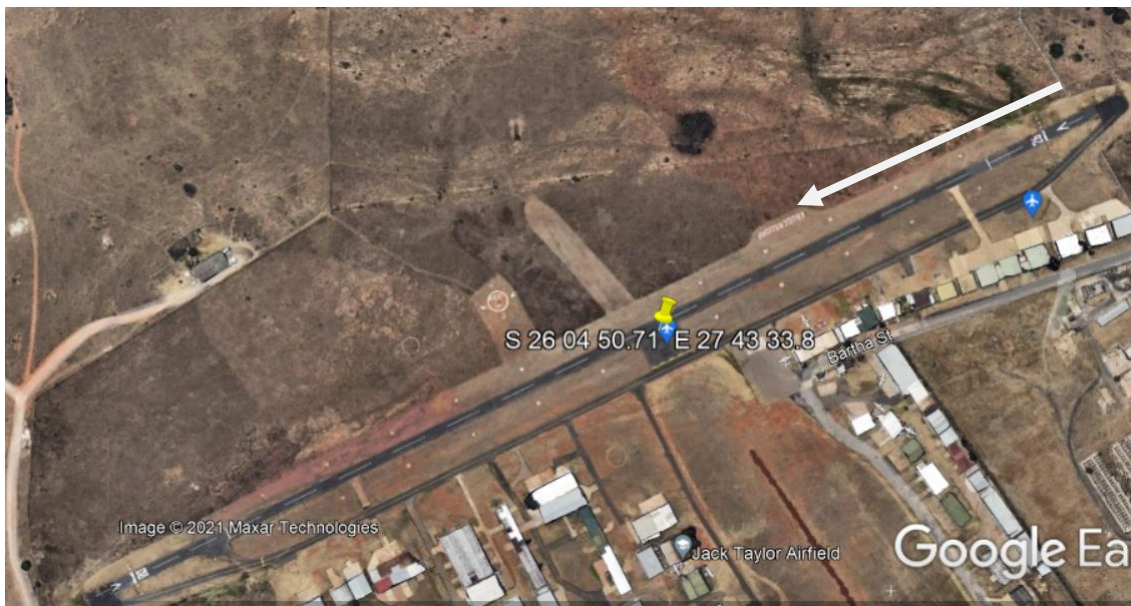


Figure 1: Arrow showing direction of landing. (Source: Google Earth)



Figure 2: Picture showing the aircraft as it came to rest. (Source: Pilot)



Figure 3: Picture showing damage to propeller and left-wing tip. (Source: Pilot)

Probable cause:	
The aircraft encountered a crosswind from the right, causing an unstable approach; thus, the pilot lost directional control of the aircraft during the landing roll.	
Safety Action/s	
None.	
Safety Message and/or Safety Recommendation/s	
None.	
Purpose of the Investigation	
<i>In terms of Regulation 12.03.1 of the Civil Aviation Regulations (CAR) 2011, this report was compiled in the interest of the promotion of aviation safety and the reduction of the risk of aviation accidents or incidents and not to apportion blame or liability.</i>	
About this Report	
<i>Decisions regarding whether to investigate, and the scope of an investigation are based on many factors, including the level of safety benefit likely to be obtained from an investigation. For this occurrence, no investigation has been conducted, and the Accident and Incident Investigations Division (AIID) has relied on the information submitted by the affected person/s and organisation/s to compile this brief report. The report has been compiled using information supplied in the initial notification, as well as follow-up information to bring awareness of potential safety issues to the industry in respect of this occurrence, as well as possible safety action/s that the industry might want to consider in preventing a recurrence of a similar accident.</i>	
<i>This report provides an opportunity to share safety message/s in the absence of an investigation.</i>	
<i>All times given in this report are Co-ordinated Universal Time (UTC) and will be denoted by (Z). South African Standard Time is UTC plus 2 hours.</i>	
Disclaimer	
<i>This report is produced without prejudice to the rights of the AIID, which are reserved.</i>	

This report is issued by:

**Accident and Incident Investigations Division
South African Civil Aviation Authority
Republic of South Africa**