



LIMITED ACCIDENT INVESTIGATION REPORT
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Reference Number	CA18/2/3/10044						
Classification	Accident	Date	22 September 2021	Time	1608Z		
Type of Operation	Private (Part 94)						
Location							
Place of Departure	Private Strip Jan Kempdorp, Northern Cape Province		Place of Intended Landing	New Tempe (FATP), Free State Province			
Place of Accident	New Tempe (FATP), Free State province						
GPS Co-ordinates	Latitude	S29°2.77'	Longitude	E26°9.62'	Elevation	4547feet	
Aircraft Information							
Registration	ZU-JAK						
Model/Make	VDM L21A (Serial Number: VDM 01)						
Damage to Aircraft	Minor	Total Aircraft Hours			223		
Pilot-in-command							
Licence Type	Private Pilot Licence	Gender	Male	Age	50		
Licence Valid	Yes						
Total Hours on Type	48.35		Total Flying Hours	1590.5			
People On-board	1 + 0	Injuries	0	Fatalities	0	Other (on ground)	0
What Happened							
<p>On Wednesday, 22 September 2021, a pilot on-board a VDM L21A with registration ZU-JAK was on a private flight from a private airstrip in Jan Kempdorp, Northern Cape Province, to New Tempe Aerodrome (FATP), Free State Province. The flight was conducted under visual flight rules (VFR) by day.</p> <p>The pilot stated that the flight took approximately an hour. The wind was light and favoured Runway (RWY) 01 at the time of landing at FATP. According to the pilot, the approach was normal with no presence of a crosswind component. The pilot confirmed that it was a hard touch down and, thus, lost directional control of the aircraft. The aircraft veered off to the left of RWY 01 and, subsequently, ground-looped and impacted the ground with the right wingtip first, followed by the nose. The aircraft sustained substantial damage. The pilot was not injured during the accident sequence. The pilot reported that there were no pre-accident mechanical failures or malfunctions that would have precluded normal operations.</p>							



Figure 1: Damage to the leading edge. (Source: Pilot)



Figure 2: Damage to the trailing edge. (Source: Pilot)

Probable cause:

The pilot touched down hard and lost directional control, which resulted in the aircraft ground looping and impacting the ground with the right-side wing.

Safety Action/s

None.

Safety Message and/or Safety Recommendation/s

None.

Purpose of the Investigation

*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.***

About this Report

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.

This report provides an opportunity to share safety message/s in the absence of an investigation.

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.

Disclaimer

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This report is issued by:

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