

## Aircraft Occurrences March 2021

Statistics reflect accident information entered into the computer by the Accident and Investigation Office and are current as of the date of this document. The data herein is dynamic and is therefore subject to change due to updated information.

Date of Occ	A/C Reg	Area of Occurrence	Province	Aircraft Type	Fatalities	Circumstances	Type of Operation
02-03-2021	ZS-RJH	Bandelierkop	LIMPOPO	Robinson R22	0	It was reported that the helicopter took off from Bandelierkop Feedlot in 25km north of Makhado for an inspection of the electrical power lines in the area following a power outage the previous day. The pilot reported that lift off was without any incident and during transitioning, the helicopters engine lost power however, there were no warning lights or sound. The pilot further reported that he executed an autorotation landing on an area ahead of the helicopter. He also stated that just before touchdown, he saw a low main rotor RPM light illuminate. The main rotor clipped a tree before touchdown and rolled to the right coming to a halt in that attitude.	General Aviation and Operating Flight Rules
03-03-2021	ZS-JSR	FAOI	GP	Rally 235	0	It was reported that the aircraft took off from Orient Airfield and was to fly to FAWB when it was involved in an accident 2km from the Orient Airfield. It was reported that the take-off was uneventful and when the aircraft was at 500ft AGL, the engine started spluttering. The pilot attempted to correct and that was without success. He then elected to carry out a forced landing in a maze field and the aircraft was substantially damaged during a forced landing.	General Aviation and Operating Flight Rules
04-03-2021	ZU-FOK	Coves Airfield	NW	Fokker – E3	0	It was reported that the aircraft took off from The Coves Airfield on a private flight in the area. The pilot reported that during the flight, he heard the engine running rough and 5 seconds later it stopped. He decided to carry out a forced landing on a ploughed field and during landing, the aircraft nosed over.	Operation of Non-type Certified Aircraft
04-03-2021	ZS-CUU	Mariepskop mountain	KZN	Cessna 182E	1	It was reported that the aircraft took off from FATZ on a private flight to FANS. It was reported that whilst in flight, the pilot contacted the operator (Kishugu) reporting that he was not feeling well and the operator advised him to land at the nearest airport. Following that, he contacted FAHS ATS reporting that he has chest pains and cannot see the instruments. Whilst the ATC was looking for an alternative airport, the aircraft impacted the mountains.	General Aviation and Operating Flight Rules
05-03-2021	ZS-HOA	Starlite general flying area	WC	Guimbal Cabri G2	0	The helicopter on a training flight took off from Mossel Bay Airport (FAMO) to the general flying area (GFA). The pilot reported that on final approach for FAMO, the helicopter lost transitional lift, followed by loss of tail rotor effectiveness. The helicopter spun five times before the pilot lowered the collective; this resulted in a hard landing.	Aviation Training Organisation
10-03-2021	ZU-SMP	Tempe Aerodrome	NC	Jabiru	0	The aircraft took off from New Tempe Airport (FATP) on a maintenance test flight with the intention to land back at FATP when the accident occurred. The aircraft initially took off with a pilot and an approved person (AP) on-board; they completed one circuit before landing at FATP where the AP disembarked. On final approach following a second circuit, the engine started to surge when the revolutions per minute (rpm) was dropped to below 2200. Due to the high approach speed, the pilot decided to execute a go-around which was successful. Following a third circuit and during final approach, the engine again surged when the rpm was dropped below 2200 and, as the pilot was committed for a landing and his focus was on the engine instruments, he noticed that the aircraft was in (line with) the middle of the runway and he decided to continue with landing. However, the landing was too deep with the engine's rpm in 1700 and the airspeed at 80 knots. The pilot applied brakes but was unable to stop the aircraft. The aircraft overshot the runway by 150 metres.	Operation of Non-type Certified Aircraft
13-03-2021	ZU-MAG	FASH	WC	Fokker – E3	0	The aircraft took off from Stellenbosch Aerodrome (FASH) with an intention to land back at the same aerodrome. It was reported that the engine started to run rough on final approach for landing on Runway 01 at FASH. The pilot continued with the landing, but the aircraft bounced on touch down and aircraft's nose gear broke off. The aircraft finally stopped on the runway.	Operation of Non-type Certified Aircraft
20-03-2021	ZU-CUI	8.6nm east of Brits CBD	FS	Raven 1	0	The aircraft took off from Grasslands Airfield on a training flight to Brits Airport (FABS) general flying area (GFA) with an intention to land back at Grassland Airfield. Thirty (30) minutes into the flight (whilst conducting NPL renewal) and during the first stall exercise with the carburettor icing on, the engine did not respond whilst the pilot was recovering from a stall. The pilot realised that the engine had stopped and restarted the engine; the engine increased to 1500 revolutions per minute (rpm). However, as the power was being increased, the	Aviation Training Organisation



						engine stopped again. The event repeated itself and, after the third engine re-start (during an attempt to increase power), the pilot executed a forced landing which was uneventful until the landing roll on an uneven terrain when the aircraft impacted a fence and the nose gear failed.	
21-03-2021	ZS-GPN	7.9nm west of Krugersdorp Airfield	GP	ASK-A7 Glider	0	The glider took off from Orient Airport (FAOI) on a training flight in the area. During the fourth (4th) circuit, the pilot misjudged the glider's proximity to the ground whilst turning finals. The right wing impacted the ground and the glider ground looped.	Aviation Training Organisation
17-03-2021	ZU-CPJ	165 meters from runway 08 in Ballito airfield	KZN	Windlass	2	The glider took off from Ballito Airfield on a training flight (introductory) in the area. The flight was scheduled to take approximately 30 minutes. However, 40 minutes later when the glider did not return to the airfield, the ATO started a search for the glider. The glider was found to have crashed near Ballito Airfield and the two occupants were fatally injured. On-site investigation determined that there was nothing wrong with the aircraft or engine systems, and all damage was attributed to the crash. A bottle of an empty alcoholic beverage was found in the student pilot's car post-accident. The student pilot was also reported to have had a heart condition.	Aviation Training Organisation
17-03-2021	ZS-RVT	Stellenbosch area	WC	Robinson R44	0	The helicopter took off from Gordon's Bay on a private flight to Stellenbosch. During low-level flight along a mountain peak, the helicopter lost engine power and the pilot executed a forced landing.	General Aviation and Operating Flight Rules
18-03-2021	ZU-LAL	Runway 12 at FAPG,	WC	Jabiru J170	0	The aircraft took off from Plettenberg Bay Airport (FAPG) on a local private flight. During landing on Runway 12, the nose gear broke and the aircraft veered off to the right of the runway. Investigation determined that the aircraft had a hard landing, which resulted in the nose and right main gear failing, as well as a prop strike.	General Aviation and Operating Flight Rules
18-03-2021	ZT-UNO	Jet Park	GP	Phantom 4	0	The drone took off from Jet Park (Ekurhuleni in GP) on a local commercial flight. The pilot (who was monitoring the drone) reported that the drone took off after he had requested take-off clearance from the ATC at O.R. Tambo International Airport (FAOR). When the drone reached 40m (130ft) AGL, he saw a black object (on his monitor) colliding with a drone. The drone span uncontrollably until it impacted the ground. The pilot informed ATC about the accident. The drone pilot further reported that it might have been a bird that collided with the drone. Investigation found no evidence of a bird strike and attributed the accident to the failure of one of the drone rotors.	General Aviation and Operating Flight Rules
03-03-2021	ZS-DDT	FAPG	WC	Hawker 4000	0	The aircraft was reported to be on a private flight from FACT to FAPG. The pilot reported that on landing on RNW 12 the aircraft touched down within the first quarter of the runway and when they deployed the thrust reversers, they delayed in deploying. They applied brakes halfway down the runway and the aircraft could not slow down. The aircraft overshot the runway and came to a halt at approximately 140m from the threshold. The crew disembarked unassisted and realised that there was dry grass next to the brakes and they elected to use the handheld fire extinguisher to spray the area around the brakes to prevent fire. The fire and rescue services arrived 20 minutes later and sprayed a fire suppression foam around the aircraft.	General Aviation and Operating Flight Rules
04-03-2021	ZS-POJ	Olifants River Game Reserve	LIMPOPO	Cessna 210K	0	It was reported that the aircraft took off from FAGM on a private flight to Olifants River Lodge. During a landing roll at Olifants River Lodge the aircraft was pulling to the right and when the pilot applied left rudder, there was no effect. The aircraft came to a stop 10m to the right edge of the runway. No mechanical anomalies were reported by the pilot during the flight. The right tire was found to have deflated and that caused the right drift during a landing roll.	General Aviation and Operating Flight Rules
04-03-2021	ZS-PPB	FAWB	GP	Piper 28-161	0	It was reported that the aircraft took-off from FAWB for a private flight (touch and go landings) in the same airport. The pilot reported that the landing was without incidents and when she took power for take-off, the aircraft drifted to the left and she lost control and the aircraft veered off to the left of the runway before stopping. The pilot reported no mechanical issues prior or during the flight.	General Aviation and Operating Flight Rules