



Aviation Investigation Final Report

Location:	Mexico, Missouri	Accident Number:	GAA20CA072
Date & Time:	November 10, 2019, 16:00 Local	Registration:	N29173
Aircraft:	Cessna U206	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot reported that, after starting the airplane with a ground power unit (GPU), he exited the airplane. He disconnected the GPU and removed the wheel chocks. The airplane started to roll down an incline. He jumped into the airplane through the aft cargo door and attempted to climb into the pilot's seat to no avail. He pulled the fuel to cut off, and the airplane impacted the trees. The pilot further reported that he had set the parking brake before starting the airplane but either failed to set it completely or bumped it when he exited the pilot's seat to disconnect the GPU. The airplane sustained substantial damage to both wings and the right-wing lift strut. The pilot reported that there were no preaccident mechanical failures or malfunctions with the airplane that would have precluded normal operation.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's failure to properly set the parking brake before exiting an operating airplane, which resulted in a runaway airplane and subsequent impact with trees.

Findings

Personnel issues	Task monitoring/vigilance - Pilot
Aircraft	Brake - Incorrect use/operation

Factual Information

History of Flight

Standing-engine(s) start-up	Loss of control on ground (Defining event)
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Pilot Information

Certificate:	Airline transport; Commercial	Age:	53, Male
Airplane Rating(s):	Single-engine land; Single-engine sea; Multi-engine land	Seat Occupied:	None
Other Aircraft Rating(s):	None	Restraint Used:	None
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 2 Without waivers/limitations	Last FAA Medical Exam:	March 19, 2019
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	October 1, 2019
Flight Time:	(Estimated) 8524 hours (Total, all aircraft), 315.6 hours (Total, this make and model), 6500 hours (Pilot In Command, all aircraft), 15.1 hours (Last 90 days, all aircraft), 5 hours (Last 30 days, all aircraft), 0.2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N29173
Model/Series:	U206 C	Aircraft Category:	Airplane
Year of Manufacture:	1968	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	U206-1140
Landing Gear Type:	Tricycle	Seats:	1
Date/Type of Last Inspection:	April 7, 2019 Annual	Certified Max Gross Wt.:	3600 lbs
Time Since Last Inspection:		Engines:	1 Turbo prop
Airframe Total Time:	14851.4 Hrs	Engine Manufacturer:	Pratt and Whitney
ELT:		Engine Model/Series:	PT6A-20
Registered Owner:	On file	Rated Power:	
Operator:	On file	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	KMYJ,823 ft msl	Distance from Accident Site:	8 Nautical Miles
Observation Time:	23:15 Local	Direction from Accident Site:	329°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	5 knots / None	Turbulence Type Forecast/Actual:	None / None
Wind Direction:	20°	Turbulence Severity Forecast/Actual:	N/A / N/A
Altimeter Setting:	29.97 inches Hg	Temperature/Dew Point:	11°C / 3°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Mexico, MO (6MU4)	Type of Flight Plan Filed:	None
Destination:	Williamsburg, MO (10MO)	Type of Clearance:	None
Departure Time:	16:00 Local	Type of Airspace:	Class G

Airport Information

Airport:	Flying Shamrock 6MU4	Runway Surface Type:	
Airport Elevation:	810 ft msl	Runway Surface Condition:	Vegetation
Runway Used:		IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	39.037776,-91.725555(est)

Administrative Information

Investigator In Charge (IIC):	Gutierrez, Eric
Additional Participating Persons:	Dave Johnson; FAA; Kansas City, MO
Original Publish Date:	May 21, 2020
Last Revision Date:	
Investigation Class:	Class
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=100559

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