



National Transportation Safety Board Aviation Accident Preliminary Report

Location:	McAlpin, FL	Accident Number:	ERA20LA219
Date & Time:	06/17/2020, 1800 EDT	Registration:	N25449
Aircraft:	Cessna 152	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

On June 17, 2020, about 1800 eastern daylight time, a Cessna 152, N25449, was substantially damaged when it was involved in an accident near McAlpin, Florida. The pilot and passenger were not injured. The airplane was operated as a Title 14 *Code of Federal Regulations* Part 91 personal flight.

The pilot stated that he performed a preflight inspection of the airplane and an engine run-up before departure with no discrepancies reported. After the engine run-up was performed, he asked his passenger if he wanted to follow the rudder control inputs by placing his feet on the rudder pedals and he said he did. He advised his passenger of the takeoff profile, taxied into position and applied full throttle to begin the takeoff roll with 10° of flaps extended. The pilot noted that the airspeed indicator was "not alive" which he thought was unusual, but he continued the takeoff roll waiting for it to increase. When he saw the windsock out of his peripheral vision, which was about midway along the 2,600 ft long grass runway, he noted that the airspeed indicator showed about 45 knots instead of 50 knots, which was normal for that point along the runway. The pilot considered aborting the takeoff but elected to continue and rotated at 50 knots. The flight remained in ground effect, and he pushed the yoke to increase airspeed while flying through a gap in trees past the departure end of the runway. The airplane climbed at an airspeed of 50 to 55 knots to an altitude of about 35 ft above ground level; however, it subsequently struck trees, stalled and impacted the ground which bent the propeller. After exiting the airplane, the pilot noted smoke from a small fire in the engine compartment area which was later attributed to fuel from the carburetor which had broken off during impact. The fire was extinguished by the fire department.

The airplane was recovered for examination.

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N25449
Model/Series:	152 No Series	Aircraft Category:	Airplane
Amateur Built:	No		
Operator:	Edgar Conrad	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	24J, 103 ft msl	Observation Time:	1835 EDT
Distance from Accident Site:	12 Nautical Miles	Temperature/Dew Point:	28° C / 18° C
Lowest Cloud Condition:	Few / 4200 ft agl	Wind Speed/Gusts, Direction:	Calm / ,
Lowest Ceiling:	Broken / 5000 ft agl	Visibility:	10 Miles
Altimeter Setting:	30.02 inches Hg	Type of Flight Plan Filed:	None
Departure Point:	McAlpin, FL (FL10)	Destination:	McAlpin, FL (FL10)

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	1 None	Aircraft Fire:	On-Ground
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 None	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	Timothy W Monville
Additional Participating Persons:	Scott Olson; FAA/FSDO; Tampa, FL
Note:	The NTSB did not travel to the scene of this accident.