



Aviation Investigation Final Report

Location:	Pell City, Alabama	Accident Number:	ERA20CA293
Date & Time:	August 6, 2020, 10:22 Local	Registration:	N30492
Aircraft:	Wag Aero CUBBY	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	1 Minor, 1 None
Flight Conducted Under:	Part 91: General aviation - Instructional		

Analysis

The flight instructor was providing initial flight training to the non-certificated student pilot in a tailwheel-equipped airplane. The flight instructor reported that while the student pilot was landing the airplane it began veering left immediately after touchdown. The flight instructor attempted to correct the yaw and applied the brakes, but the airplane continued off the left side of the runway with the tailwheel still in the air. The airplane impacted some dirt, which resulted in a nose over and substantial damage to the airplane’s left wing, empennage, vertical stabilizer, and rudder. The flight instructor reported that there were no mechanical malfunctions or failures of the airplane that would have precluded normal operation. Additionally, the flight instructor reported that the student pilot had accumulated about 2 hours of flight experience at the time of the accident and described that she, “...was showing great aptitude with landings but I should have delayed her attempting to do so to further in her training.”

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

The flight instructor’s inadequate remedial action following the student pilot’s loss of directional control during landing, which resulted in a runway excursion and subsequent nose over.

Findings

Aircraft	Directional control - Not attained/maintained
Personnel issues	Monitoring other person - Instructor/check pilot
Personnel issues	Aircraft control - Student/instructed pilot

Factual Information

History of Flight

Landing-flare/touchdown	Loss of control on ground (Defining event)
Landing-landing roll	Attempted remediation/recovery
Landing-landing roll	Runway excursion
Landing-landing roll	Nose over/nose down

Flight instructor Information

Certificate:	Airline transport	Age:	51, Male
Airplane Rating(s):	Single-engine land; Single-engine sea; Multi-engine land	Seat Occupied:	Rear
Other Aircraft Rating(s):	None	Restraint Used:	Lap only
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	Airplane multi-engine; Airplane single-engine; Instrument airplane	Toxicology Performed:	No
Medical Certification:	Class 1 With waivers/limitations	Last FAA Medical Exam:	January 18, 2020
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	October 24, 2019
Flight Time:	(Estimated) 12500 hours (Total, all aircraft), 30 hours (Total, this make and model), 22 hours (Last 90 days, all aircraft), 12 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Student pilot Information

Certificate:	None	Age:	18, Female
Airplane Rating(s):	None	Seat Occupied:	Front
Other Aircraft Rating(s):	None	Restraint Used:	Lap only
Instrument Rating(s):	None	Second Pilot Present:	Yes
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	None	Last FAA Medical Exam:	
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	(Estimated) 2 hours (Total, all aircraft), 2 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Make:	Wag Aero	Registration:	N30492
Model/Series:	CUBBY	Aircraft Category:	Airplane
Year of Manufacture:	2007	Amateur Built:	Yes
Airworthiness Certificate:	Experimental (Special)	Serial Number:	9740
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	April 2, 2020 Condition	Certified Max Gross Wt.:	1220 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	268 Hrs at time of accident	Engine Manufacturer:	Continental
ELT:	C91A installed, not activated	Engine Model/Series:	C-65
Registered Owner:	On file	Rated Power:	65 Horsepower
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:	PLR,485 ft msl	Distance from Accident Site:	1 Nautical Miles
Observation Time:	10:35 Local	Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	/	Turbulence Type Forecast/Actual:	None / None
Wind Direction:		Turbulence Severity Forecast/Actual:	N/A / N/A
Altimeter Setting:	30.03 inches Hg	Temperature/Dew Point:	29°C / 26°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Pell City, AL (PLR)	Type of Flight Plan Filed:	None
Destination:	Pell City, AL (PLR)	Type of Clearance:	None
Departure Time:	09:20 Local	Type of Airspace:	Class G

Airport Information

Airport:	St Clair County PLR	Runway Surface Type:	Asphalt
Airport Elevation:	485 ft msl	Runway Surface Condition:	Dry
Runway Used:	03	IFR Approach:	None
Runway Length/Width:	5001 ft / 80 ft	VFR Approach/Landing:	Stop and go;Traffic pattern

Wreckage and Impact Information

Crew Injuries:	1 Minor, 1 None	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:		Aircraft Explosion:	None
Total Injuries:	1 Minor, 1 None	Latitude, Longitude:	33.558887,-86.249168(est)

Administrative Information

Investigator In Charge (IIC):	Mccarter, Lawrence
Additional Participating Persons:	Rockie Widner; FAA FSDO; Birmingham, AL
Original Publish Date:	June 24, 2021
Last Revision Date:	
Investigation Class:	Class 4
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=101844

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