



Aviation Investigation Final Report

Location:	Warrenton, Missouri	Accident Number:	CEN24LA008
Date & Time:	October 8, 2023, 13:30 Local	Registration:	N211BL
Aircraft:	CUBCRAFTERS INC CC11-160	Aircraft Damage:	Substantial
Defining Event:	Loss of control in flight	Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot was performing a touch and go landing in a tailwheel-equipped airplane. As he added power after the landing, he experienced what he assumed was a gust of wind from the right side. The airplane's right wing lifted, and it veered left into the trees impacting several. The airplane sustained substantial damage to the wings and fuselage. When asked if there were any issues with the airplane which might have contributed to the accident, the pilot said there were none.

The airplane was landing and taking off from runway 9 with wind from 220° at 9 knots gusting to 14 knots.

Probable Cause and Findings

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

The pilot's failure to maintain directional control during the touch-and-go landing. Contributing was the pilot's decision to land with a quartering tailwind.

Findings

Aircraft	Directional control - Not attained/maintained
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Factual Information

History of Flight

Takeoff	Other weather encounter
Takeoff	Loss of control in flight (Defining event)
Takeoff	Collision during takeoff/land

Pilot Information

Certificate:	Commercial	Age:	84,Male
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	Rear
Other Aircraft Rating(s):	Glider	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	
Medical Certification:	BasicMed	Last FAA Medical Exam:	July 14, 2021
Occupational Pilot:	No	Last Flight Review or Equivalent:	May 7, 2022
Flight Time:	5230 hours (Total, all aircraft), 298 hours (Total, this make and model), 6 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CUBCRAFTERS INC	Registration:	N211BL
Model/Series:	CC11-160	Aircraft Category:	Airplane
Year of Manufacture:	2010	Amateur Built:	
Airworthiness Certificate:	Experimental (Special)	Serial Number:	CC11-00141
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	Unknown	Certified Max Gross Wt.:	1320 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	1362 Hrs	Engine Manufacturer:	Titan
ELT:		Engine Model/Series:	CC340
Registered Owner:	RED CUB FLYING CLUB LLC	Rated Power:	180 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:	KFYG,489 ft msl	Distance from Accident Site:	14 Nautical Miles
Observation Time:	13:35 Local	Direction from Accident Site:	147°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	9 knots / 14 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:	220°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29.91 inches Hg	Temperature/Dew Point:	20°C / 4°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	St. Louis, MO (1H0)	Type of Flight Plan Filed:	
Destination:	Warrenton, MO	Type of Clearance:	None
Departure Time:		Type of Airspace:	Class G

Airport Information

Airport:	STARK MU18	Runway Surface Type:	Asphalt
Airport Elevation:	840 ft msl	Runway Surface Condition:	
Runway Used:	09	IFR Approach:	None
Runway Length/Width:	1900 ft / 50 ft	VFR Approach/Landing:	Touch and go

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:		Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	38.781057,-91.163278

Administrative Information

Investigator In Charge (IIC):	Aguilera, Jason
Additional Participating Persons:	Robert Prenger, FAA; St. Louis , MO
Original Publish Date:	June 21, 2024
Last Revision Date:	
Investigation Class:	Class 4
Note:	The NTSB did not travel to the scene of this accident.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=193219

The National Transportation Safety Board (NTSB) is an independent federal agency charged by Congress with investigating every civil aviation accident in the United States and significant events in other modes of transportation—railroad, transit, highway, marine, pipeline, and commercial space. We determine the probable causes of the accidents and events we investigate, and issue safety recommendations aimed at preventing future occurrences. In addition, we conduct transportation safety research studies and offer information and other assistance to family members and survivors for each accident or event we investigate. We also serve as the appellate authority for enforcement actions involving aviation and mariner certificates issued by the Federal Aviation Administration (FAA) and US Coast Guard, and we adjudicate appeals of civil penalty actions taken by the FAA.

The NTSB does not assign fault or blame for an accident or incident; rather, as specified by NTSB regulation, “accident/incident investigations are fact-finding proceedings with no formal issues and no adverse parties ... and are not conducted for the purpose of determining the rights or liabilities of any person” (Title 49 *Code of Federal Regulations* section 831.4). Assignment of fault or legal liability is not relevant to the NTSB’s statutory mission to improve transportation safety by investigating accidents and incidents and issuing safety recommendations. In addition, statutory language prohibits the admission into evidence or use of any part of an NTSB report related to an accident in a civil action for damages resulting from a matter mentioned in the report (Title 49 *United States Code* section 1154(b)). A factual report that may be admissible under 49 *United States Code* section 1154(b) is available [here](#).