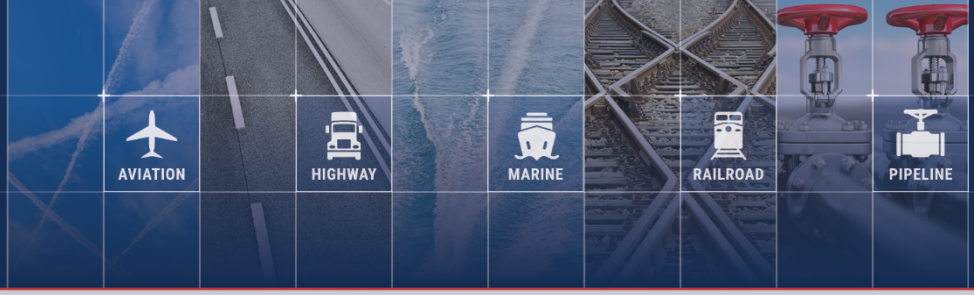

Aviation Investigation Final Report

Location:	Reno, Nevada	**Accident Number:**	WPR23LA005
Date & Time:	October 1, 2022, 12:15 Local	**Registration:**	N917HB
Aircraft:	Cubcrafters CCX-2000	**Aircraft Damage:**	Substantial
Defining Event:	Loss of control on ground	**Injuries:**	2 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot of the tailwheel-equipped airplane reported that, after performing a 3-point landing, the left wing lifted. He applied corrective aileron and rudder control inputs, but the airplane ground looped to the right, sustaining substantial damage to the left wing. 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 loss of directional control during landing, which resulted in a ground loop.

Findings

Aircraft	Directional control - Not attained/maintained
Personnel issues	Aircraft control - Pilot

Factual Information

History of Flight

Landing-landing roll	Loss of control on ground (Defining event)

Pilot Information

Certificate:	Commercial	**Age:**	45,Male
Airplane Rating(s):	Single-engine land	**Seat Occupied:**	Front
Other Aircraft Rating(s):	None	**Restraint Used:**	Unknown
Instrument Rating(s):	Airplane	**Second Pilot Present:**	Yes
Instructor Rating(s):	None	**Toxicology Performed:**	
Medical Certification:	Class 2 None	**Last FAA Medical Exam:**	July 1, 2022
Occupational Pilot:	No	**Last Flight Review or Equivalent:**	April 10, 2022
Flight Time:	(Estimated) 501 hours (Total, all aircraft), 23 hours (Total, this make and model), 447 hours (Pilot In Command, all aircraft), 9 hours (Last 90 days, all aircraft), 9 hours (Last 30 days, all aircraft), 7 hours (Last 24 hours, all aircraft)		

Pilot-rated passenger Information

Certificate:	Commercial; Flight instructor	**Age:**	39,Male
Airplane Rating(s):	Single-engine land; Multi-engine land	**Seat Occupied:**	Rear
Other Aircraft Rating(s):	None	**Restraint Used:**	None
Instrument Rating(s):	Airplane	**Second Pilot Present:**	Yes
Instructor Rating(s):	Airplane single-engine; Instrument airplane	**Toxicology Performed:**	
Medical Certification:	Class 2	**Last FAA Medical Exam:**	July 1, 2022
Occupational Pilot:	Yes	**Last Flight Review or Equivalent:**	November 14, 2021
Flight Time:	2571 hours (Total, all aircraft), 19 hours (Total, this make and model), 2499 hours (Pilot In Command, all aircraft), 42 hours (Last 90 days, all aircraft), 7 hours (Last 30 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cubcrafters	**Registration:**	N917HB
Model/Series:	CCX-2000 NO SERIES	**Aircraft Category:**	Airplane
Year of Manufacture:	2021	**Amateur Built:**	Yes
Airworthiness Certificate:	Experimental (Special)	**Serial Number:**	CCX-2000-0127
Landing Gear Type:	Tailwheel	**Seats:**	2
Date/Type of Last Inspection:	September 6, 2022 Condition	**Certified Max Gross Wt.:**	2000 lbs
Time Since Last Inspection:	38.8 Hrs	**Engines:**	1 Reciprocating
Airframe Total Time:	54.8 Hrs at time of accident	**Engine Manufacturer:**	Lycoming
ELT:	C126 installed, not activated	**Engine Model/Series:**	CC363i (YIO-360-EXP12)
Registered Owner:	On file	**Rated Power:**	186 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:	KRTS,5053 ft msl	**Distance from Accident Site:**	0 Nautical Miles
Observation Time:	12:15 Local	**Direction from Accident Site:**	164°
Lowest Cloud Condition:	Clear	**Visibility**	10 miles
Lowest Ceiling:	None	**Visibility (RVR):**	
Wind Speed/Gusts:	/ 10 knots	**Turbulence Type Forecast/Actual:**	/
Wind Direction:		**Turbulence Severity Forecast/Actual:**	/
Altimeter Setting:	30.07 inches Hg	**Temperature/Dew Point:**	18°C / 0°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Redmond, OR (KRDM)	**Type of Flight Plan Filed:**	None
Destination:	Reno, NV	**Type of Clearance:**	VFR
Departure Time:	09:10 Local	**Type of Airspace:**	Class E

Airport Information

Airport:	RENO/STEAD RTS	**Runway Surface Type:**	Asphalt
Airport Elevation:	5050 ft msl	**Runway Surface Condition:**	Dry
Runway Used:	8	**IFR Approach:**	None
Runway Length/Width:	7608 ft / 150 ft	**VFR Approach/Landing:**	Full stop;Traffic pattern

Wreckage and Impact Information

Crew Injuries:	1 None	**Aircraft Damage:**	Substantial
Passenger Injuries:	1 None	**Aircraft Fire:**	None
Ground Injuries:		**Aircraft Explosion:**	None
Total Injuries:	2 None	**Latitude, Longitude:**	39.668177,-119.87644

Administrative Information

Investigator In Charge (IIC):	Nepomuceno, Eleazar
Additional Participating Persons:	Lana Boler; FAA; Reno, NV
Original Publish Date:	January 26, 2023
Last Revision Date:	
Investigation Class:	Class 4
Note:	The NTSB did not travel to the scene of this accident.
Investigation Docket:	https://data.ntsb.gov/Docket?ProjectID=106048