



National Transportation Safety Board Aviation Accident Final Report

Location:	Worthington, MN	Accident Number:	CEN14CA130
Date & Time:	02/03/2014, 1715 CDT	Registration:	N43462
Aircraft:	TAYLORCRAFT BC12 D	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	1 Minor, 1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The pilot returned to the airfield after a short cross-country flight. According to the pilot, he chose runway 36, and observed a slight crosswind off to the right. The pilot added that the tailwheel equipped airplane swerved left after touchdown, so he attempted a go-around maneuver; he closed the carburetor heat control and added full throttle. During the attempted go-around, the airplane's main landing gear remained in contact with the ground and the airplane exited the runway. The airplane then crossed between the runway and taxiway, impacted a snow berm, and came to rest inverted. Examination of the airplane revealed substantial damage to the fuselage and both wings. The pilot reported no mechanical anomalies 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 control during a crosswind landing.

Findings

Personnel issues	Aircraft control - Pilot (Cause)
Environmental issues	Crosswind - Effect on operation Snow/ice - Contributed to outcome

Factual Information

History of Flight

Landing-landing roll	Other weather encounter Loss of control on ground (Defining event)
Landing-aborted after touchdown	Attempted remediation/recovery Runway excursion
Post-impact	Roll over

Pilot Information

Certificate:	Private	Age:	62
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Sport Pilot Unknown	Last Medical Exam:	
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	300 hours (Total, all aircraft), 180 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	TAYLORCRAFT	Registration:	N43462
Model/Series:	BC12 D	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	7121
Landing Gear Type:	Tailwheel	Seats:	
Date/Type of Last Inspection:	09/03/2013, Annual	Certified Max Gross Wt.:	
Time Since Last Inspection:		Engines:	Reciprocating
Airframe Total Time:		Engine Manufacturer:	Continental
ELT:	Installed, not activated	Engine Model/Series:	A65
Registered Owner:	On file	Rated Power:	65 hp
Operator:	On file	Air Carrier Operating Certificate:	None

Meteorological Information and Flight Plan

Observation Facility, Elevation:	KOTG	Observation Time:	1715 CST
Distance from Accident Site:		Condition of Light:	Day
Direction from Accident Site:		Conditions at Accident Site:	Visual Conditions
Lowest Cloud Condition:	Clear	Temperature/Dew Point:	-18°C / -21°C
Lowest Ceiling:		Visibility	10 Miles
Wind Speed/Gusts, Direction:	8 knots, 240°	Visibility (RVR):	
Altimeter Setting:	30.22 inches Hg	Visibility (RVV):	
Precipitation and Obscuration:			
Departure Point:	Redwood Falls, MN (RWF)	Type of Flight Plan Filed:	None
Destination:	Worthington, MN (OTG)	Type of Clearance:	None
Departure Time:	1640 CST	Type of Airspace:	

Airport Information

Airport:	Worthington Regional Airport (OTG)	Runway Surface Type:	Asphalt
Airport Elevation:	1574 ft	Runway Surface Condition:	Dry
Runway Used:	36	IFR Approach:	None
Runway Length/Width:	4200 ft / 75 ft	VFR Approach/Landing:	Go Around; Traffic Pattern

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	1 Minor	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 Minor, 1 None		

Administrative Information

Investigator In Charge (IIC):	Craig Hatch	Adopted Date:	04/23/2014
Additional Participating Persons:	David Nelson; FAA FSDO; Minneapolis, MN		
Publish Date:	07/06/2015		
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	http://dms.ntsb.gov/pubdms/search/dockList.cfm?mKey=88767		

The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the accidents, issue safety recommendations, study transportation safety issues, and evaluate the safety effectiveness of government agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

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