



Aviation Investigation Final Report

Location:	Fairbanks, Alaska	Accident Number:	ANC14CA024
Date & Time:	April 28, 2014, 13:40 Local	Registration:	N77336
Aircraft:	Cessna 120	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot was landing her tailwheel-equipped airplane on a dry, asphalt runway. During the landing roll, the airplane began to veer to the left. The pilot stated that she applied right rudder to correct for the veer, but over corrected, and the airplane ground looped, sustaining substantial damage to the left wing. The pilot stated that there were no preaccident mechanical anomalies 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, resulting in a ground loop.

Findings

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

Factual Information

History of Flight

Landing-landing roll	Loss of control on ground (Defining event)
Landing-landing roll	Collision with terr/obj (non-CFIT)

Pilot Information

Certificate:	Private	Age:	59
Airplane Rating(s):	Single-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	4-point
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 With waivers/limitations	Last FAA Medical Exam:	April 23, 2014
Occupational Pilot:	No	Last Flight Review or Equivalent:	July 8, 2013
Flight Time:	295 hours (Total, all aircraft), 139 hours (Total, this make and model), 5 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N77336
Model/Series:	120 NO SERIES	Aircraft Category:	Airplane
Year of Manufacture:	1946	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	11778
Landing Gear Type:	Tailwheel	Seats:	
Date/Type of Last Inspection:	January 28, 2014 Annual	Certified Max Gross Wt.:	1451 lbs
Time Since Last Inspection:	0 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	2045 Hrs at time of accident	Engine Manufacturer:	CONT MOTOR
ELT:	Installed, not activated	Engine Model/Series:	C85 SERIES
Registered Owner:	On file	Rated Power:	85 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:	PAFA,454 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	21:53 Local	Direction from Accident Site:	235°
Lowest Cloud Condition:	Few / 7000 ft AGL	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	5 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:		Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29.72 inches Hg	Temperature/Dew Point:	13°C / -3°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Fairbanks, AK (FAI)	Type of Flight Plan Filed:	None
Destination:	Fairbanks, AK (FAI)	Type of Clearance:	None
Departure Time:		Type of Airspace:	

Airport Information

Airport:	FAIRBANKS INTL FAI	Runway Surface Type:	Asphalt
Airport Elevation:	439 ft msl	Runway Surface Condition:	Dry
Runway Used:	20L	IFR Approach:	None
Runway Length/Width:	6501 ft / 100 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:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	64.808052,-147.862503(est)

Administrative Information

Investigator In Charge (IIC):	Shaver, Christopher
Additional Participating Persons:	John Chalstrom; FAA Fairbanks FSDO; Fairbanks, AK
Original Publish Date:	June 18, 2014
Last Revision Date:	
Investigation Class:	Class
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=89136

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