



National Transportation Safety Board Aviation Accident Final Report

Location:	Anacortes, WA	Accident Number:	WPR14CA155
Date & Time:	04/01/2014, 1435 PDT	Registration:	N19982
Aircraft:	CESSNA 172M	Aircraft Damage:	Substantial
Defining Event:	Runway excursion	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The pilot reported that during the landing and rollout, the airplane was going faster than he wanted at his normal turnoff point on the runway so he continued to the next turnoff. While turning, he applied the brakes, raised the flaps, and pushed in the carburetor heat control. At that time, he realized that the airplane was not stopping so he applied more braking, but the airplane did not slow down or stop. Before he could move his feet higher onto the toe brakes, the airplane departed the runway surface onto bumpy ground, headed over a bank, and nosed over. The wings, vertical stabilizer and rudder were substantially damaged. The pilot reported no preimpact mechanical malfunctions or failures 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 improper application of brakes during the landing roll resulted in a runway excursion and nose over.

Findings

Aircraft

Personnel issues	Aircraft control - Pilot (Cause)
Environmental issues	Sloped/uneven terrain - Contributed to outcome

Factual Information

History of Flight

Landing-landing roll	Runway excursion (Defining event) Nose over/nose down
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Pilot Information

Certificate:	Private	Age:	82
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:	Class 3 With Waivers/Limitations	Last Medical Exam:	10/06/2013
Occupational Pilot:	No	Last Flight Review or Equivalent:	02/25/2014
Flight Time:	429 hours (Total, all aircraft), 429 hours (Total, this make and model), 429 hours (Pilot In Command, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	CESSNA	Registration:	N19982
Model/Series:	172M M	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	17260909
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	05/11/2013, Annual	Certified Max Gross Wt.:	2299 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	3752 Hours	Engine Manufacturer:	LYCOMING
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	O-320 SERIES
Registered Owner:	JAMISON VERNON LEO	Rated Power:	0 hp
Operator:	JAMISON VERNON LEO	Air Carrier Operating Certificate:	None

Meteorological Information and Flight Plan

Observation Facility, Elevation:	KBVS	Observation Time:	1435 PDT
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:	13°C / 6°C
Lowest Ceiling:	None	Visibility	10 Miles
Wind Speed/Gusts, Direction:	7 knots, 300°	Visibility (RVR):	
Altimeter Setting:	29.85 inches Hg	Visibility (RVV):	
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Burlington, WA (BVS)	Type of Flight Plan Filed:	None
Destination:	Anacortes, WA (74S)	Type of Clearance:	None
Departure Time:	1330 PDT	Type of Airspace:	

Airport Information

Airport:	Anacortes (74S)	Runway Surface Type:	Asphalt
Airport Elevation:	241 ft	Runway Surface Condition:	Dry
Runway Used:	36	IFR Approach:	None
Runway Length/Width:	3015 ft / 60 ft	VFR Approach/Landing:	Traffic Pattern

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	Howard D Plagens	Adopted Date:	06/05/2014
Additional Participating Persons:	Christopher Wolff; Federal Aviation Administration; Seattle, WA		
Publish Date:	07/09/2015		
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=89001		

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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