



Aviation Investigation Final Report

Location:	Colville, Washington	Accident Number:	WPR11CA343
Date & Time:	July 19, 2011, 14:30 Local	Registration:	N601FD
Aircraft:	Beech 95-B55 (T42A)	Aircraft Damage:	Substantial
Defining Event:	Runway excursion	Injuries:	3 None
Flight Conducted Under:	Part 91: General aviation		

Analysis

The pilot stated that during the landing roll, he did not apply maximum braking to let the airplane slow down on its own. As the airplane approached the end of the runway, the pilot realized that the airplane would not stop in time and used right engine differential power to turn left and avoid a 150-foot drop-off located at the end of the runway. The airplane veered left off the end of the runway onto a gravel area. When the airplane entered the gravel area the right main landing gear collapsed, resulting in substantial damage to the outboard edge of the aileron, and damage to the landing gear and top of the inboard wing. The pilot reported no preimpact mechanical malfunctions with the airplane.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's inadequate braking after touchdown, which resulted in a runway excursion.

Findings

Aircraft	(general) - Not attained/maintained
Environmental issues	Wet surface - Effect on operation
Personnel issues	Aircraft control - Pilot

Factual Information

History of Flight

Landing-landing roll	Runway excursion (Defining event)
Landing-landing roll	Landing gear collapse

Pilot Information

Certificate:	Airline transport; Commercial	Age:	61
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 2 With waivers/limitations	Last FAA Medical Exam:	November 23, 2010
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	April 10, 2010
Flight Time:	15493 hours (Total, all aircraft), 35 hours (Total, this make and model), 11864 hours (Pilot In Command, all aircraft), 91 hours (Last 90 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Beech	Registration:	N601FD
Model/Series:	95-B55 (T42A)	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	TC-1772
Landing Gear Type:	Tricycle	Seats:	5
Date/Type of Last Inspection:	December 10, 2010 Annual	Certified Max Gross Wt.:	5100 lbs
Time Since Last Inspection:	48 Hrs	Engines:	2 Reciprocating
Airframe Total Time:	4268 Hrs at time of accident	Engine Manufacturer:	CONT MOTOR
ELT:	Installed, not activated	Engine Model/Series:	IO-470 SERIES
Registered Owner:	BEACHMONT LLC	Rated Power:	300 Horsepower
Operator:	BEACHMONT LLC	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	KDEW,2211 ft msl	Distance from Accident Site:	55 Nautical Miles
Observation Time:	14:55 Local	Direction from Accident Site:	326°
Lowest Cloud Condition:	4200 ft AGL	Visibility	10 miles
Lowest Ceiling:	Broken / 4200 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	10 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	175°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29.9 inches Hg	Temperature/Dew Point:	17°C / 12°C
Precipitation and Obscuration:	In the vicinity - None - Rain		
Departure Point:	Sandpoint, ID (KSZT)	Type of Flight Plan Filed:	None
Destination:	Colville, WA (63S)	Type of Clearance:	None
Departure Time:	14:00 Local	Type of Airspace:	

Airport Information

Airport:	Colville Municipal Airport 63S	Runway Surface Type:	Asphalt
Airport Elevation:	1882 ft msl	Runway Surface Condition:	Wet
Runway Used:	19	IFR Approach:	None
Runway Length/Width:	2695 ft / 40 ft	VFR Approach/Landing:	Full stop;Traffic pattern

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	2 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	3 None	Latitude, Longitude:	48.540279,-117.88861(est)

Administrative Information

Investigator In Charge (IIC):	Rich, Jefferey
Additional Participating Persons:	Jim Bening; FEDERAL AVIATION ADMINISTRATION; Spokane, WA
Original Publish Date:	October 20, 2011
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=81187

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