



Aviation Investigation Final Report

Location:	Coolin, Idaho	Accident Number:	WPR12CA360
Date & Time:	August 15, 2012, 15:30 Local	Registration:	N9382P
Aircraft:	Piper PA-24-260	Aircraft Damage:	Substantial
Defining Event:	Runway excursion	Injuries:	3 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot reported that on final approach he was concerned about trees bracketing each side of the runway's approach end, and he stayed high to clear them. The airplane touched down onto the turf runway, bounced back into the air, and touched down a second time. The pilot applied brakes, realized he was running out of runway, and applied heavier braking. The airplane started to slide and, despite the pilot's control inputs, overran the end of the runway and impacted a ditch. Subsequently, the left wing was substantially damaged. The pilot reported no mechanical failures or malfunctions with the airframe or engine 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 failure to attain a touchdown point sufficient to stop the airplane within the length of the runway.

Findings

Aircraft	Descent/approach/glide path - Not attained/maintained
Personnel issues	Aircraft control - Pilot
Environmental issues	Rough terrain - Contributed to outcome

Factual Information

History of Flight

Landing-landing roll	Abnormal runway contact
Landing-landing roll	Runway excursion (Defining event)
Landing-landing roll	Collision with terr/obj (non-CFIT)

Pilot Information

Certificate:	Private	Age:	59, Male
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 FAA Medical Exam:	May 31, 2012
Occupational Pilot:	No	Last Flight Review or Equivalent:	November 16, 2011
Flight Time:	600 hours (Total, all aircraft), 365 hours (Total, this make and model), 540 hours (Pilot In Command, all aircraft), 50 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Piper	Registration:	N9382P
Model/Series:	PA-24-260	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	24-4883
Landing Gear Type:	Retractable - Tricycle	Seats:	4
Date/Type of Last Inspection:	January 30, 2012 Annual	Certified Max Gross Wt.:	3200 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	3607 Hrs at time of accident	Engine Manufacturer:	LYCOMING
ELT:	Installed, not activated	Engine Model/Series:	IO-540 SER
Registered Owner:	AVIATION WEST INSURANCE BROKERS LLC	Rated Power:	260 Horsepower
Operator:	AVIATION WEST INSURANCE BROKERS LLC	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	SZT,2131 ft msl	Distance from Accident Site:	17 Nautical Miles
Observation Time:	15:35 Local	Direction from Accident Site:	142°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	14 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	20°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.06 inches Hg	Temperature/Dew Point:	26°C / 6°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Payette, ID (S75)	Type of Flight Plan Filed:	None
Destination:	Coolin, ID (66S)	Type of Clearance:	None
Departure Time:	14:30 Local	Type of Airspace:	

Airport Information

Airport:	Cavanaugh Bay Airport 66S	Runway Surface Type:	Grass/turf
Airport Elevation:	2484 ft msl	Runway Surface Condition:	Dry
Runway Used:	15	IFR Approach:	None
Runway Length/Width:	3100 ft / 120 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:	48.517776,-116.819725(est)

Administrative Information

Investigator In Charge (IIC):	Rich, Jefferey
Additional Participating Persons:	David R Hartson; Federal Aviation Administration; Spokane, WA
Original Publish Date:	November 26, 2012
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=84698

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