



Aviation Investigation Final Report

Location:	Dillon, Montana	Accident Number:	LAX08CA287
Date & Time:	August 31, 2008, 12:00 Local	Registration:	N4143D
Aircraft:	Piper PA-22-150	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot said that his pilot-certificated passenger was landing the tail-wheel airplane when he lost directional control during the landing roll. As the airplane was departing the runway, the pilot took over the flight controls in order to direct the airplane to the adjacent runway. The airplane impacted a gopher hole and nosed over. The engine firewall and vertical stabilizer were wrinkled, and three lift struts and both wing spars were bent.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot-certificated passenger's failure to maintain directional control during landing and the pilot's delayed remedial action and inadequate supervision.

Findings

Personnel issues	Incorrect action performance - Copilot
Personnel issues	Monitoring other person - Pilot
Personnel issues	Delayed action - 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	Runway excursion
Landing-landing roll	Nose over/nose down

Pilot Information

Certificate:	Commercial; Flight instructor	Age:	65, Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Right
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	Airplane single-engine	Toxicology Performed:	No
Medical Certification:	Class 2 With waivers/limitations	Last FAA Medical Exam:	November 1, 2007
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	
Flight Time:	5166 hours (Total, all aircraft), 1100 hours (Total, this make and model), 5010 hours (Pilot In Command, all aircraft), 3 hours (Last 90 days, all aircraft), 3 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Co-pilot Information

Certificate:	Private	Age:	63, Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	Yes
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3	Last FAA Medical Exam:	December 1, 2007
Occupational Pilot:	UNK	Last Flight Review or Equivalent:	
Flight Time:	950 hours (Total, all aircraft), 12 hours (Last 90 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Piper	Registration:	N4143D
Model/Series:	PA-22-150	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	22-3154
Landing Gear Type:	Tailwheel	Seats:	4
Date/Type of Last Inspection:		Certified Max Gross Wt.:	2000 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	2780 Hrs at time of accident	Engine Manufacturer:	Lycoming
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	O-320
Registered Owner:	Dennis A. De Vivo	Rated Power:	150 Horsepower
Operator:	Dennis A. De Vivo	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	DLN,5241 ft msl	Distance from Accident Site:	
Observation Time:	11:53 Local	Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	5 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	340°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29.7 inches Hg	Temperature/Dew Point:	19°C / 6°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Dillon, MT (DLN)	Type of Flight Plan Filed:	None
Destination:	Dillon, MT (DLN)	Type of Clearance:	None
Departure Time:		Type of Airspace:	

Airport Information

Airport:	Dillon Airport DLN	Runway Surface Type:	Asphalt
Airport Elevation:	5241 ft msl	Runway Surface Condition:	Dry
Runway Used:	21	IFR Approach:	None
Runway Length/Width:	3599 ft / 60 ft	VFR Approach/Landing:	Full stop

Wreckage and Impact Information

Crew Injuries:	2 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 None	Latitude, Longitude:	45.258888,-112.554168

Administrative Information

Investigator In Charge (IIC):	Struhsaker, James
Additional Participating Persons:	Ed Warmoth; Federal Aviation Administration; Helena, MT
Original Publish Date:	January 22, 2009
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=68851

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