



Aviation Investigation Final Report

Location:	Sonoma, California	Accident Number:	WPR09CA180
Date & Time:	April 5, 2009, 11:15 Local	Registration:	N100VH
Aircraft:	Beech A36	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot departed on a local flight. He indicated that the winds were getting stronger and had shifted as he returned to the airport. He overflew the field, but the windsock still indicated that 26 was the preferred runway. He turned final at 80 knots with the landing gear and flaps down. The airplane bounced on touchdown, turned to the left side of the runway, and veered off the pavement into grass. As the airplane was slowing down through 15 knots, it encountered a drainage ditch, spun around, and ended up on its nose. The airplane sustained substantial damage to the wings, and the landing gear from one wing and the nose was sheared off. The pilot indicated that a slower approach speed might have prevented the accident. In his written report, the pilot stated that there were no mechanical malfunctions or failures.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's failure to maintain directional control.

Findings

Aircraft	Directional control - Not attained/maintained
Environmental issues	Rough terrain - Contributed to outcome
Personnel issues	Aircraft control - Pilot

Factual Information

History of Flight

Landing-landing roll	Loss of control on ground (Defining event)
Landing-landing roll	Runway excursion

Pilot Information

Certificate:	Private	Age:	70, Male
Airplane Rating(s):	Single-engine land; Single-engine sea	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 3 With waivers/limitations	Last FAA Medical Exam:	August 1, 2007
Occupational Pilot:		Last Flight Review or Equivalent:	June 26, 2008
Flight Time:	2830 hours (Total, all aircraft), 1980 hours (Total, this make and model), 2830 hours (Pilot In Command, all aircraft), 4 hours (Last 90 days, all aircraft), 1 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Beech	Registration:	N100VH
Model/Series:	A36	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal; Utility	Serial Number:	E-663
Landing Gear Type:	Retractable - Tricycle	Seats:	6
Date/Type of Last Inspection:	July 3, 2008 Annual	Certified Max Gross Wt.:	3650 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	2950 Hrs as of last inspection	Engine Manufacturer:	Teledyne Continental Motors
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	IO-520-B
Registered Owner:	John Strehl	Rated Power:	300 Horsepower
Operator:	John Strehl	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	KAPC,35 ft msl	Distance from Accident Site:	8 Nautical Miles
Observation Time:	10:54 Local	Direction from Accident Site:	90°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	13 knots / 23 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:	80°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	17°C / 1°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Sonoma, CA (0Q9)	Type of Flight Plan Filed:	None
Destination:	Sonoma, CA (0Q9)	Type of Clearance:	None
Departure Time:	10:35 Local	Type of Airspace:	

Airport Information

Airport:	Sonoma Skypark 0Q9	Runway Surface Type:	Asphalt
Airport Elevation:	20 ft msl	Runway Surface Condition:	Dry
Runway Used:	26	IFR Approach:	None
Runway Length/Width:	2480 ft / 40 ft	VFR Approach/Landing:	Full stop

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	1 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 None	Latitude, Longitude:	38.257778,-122.434448(est)

Administrative Information

Investigator In Charge (IIC):	Plagens, Howard
Additional Participating Persons:	Harry Kernahan; Federal Aviation Administration; Oakland, CA
Original Publish Date:	June 11, 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=73604

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