



Aviation Investigation Final Report

Location:	Springfield, Vermont	Accident Number:	ERA12CA342
Date & Time:	May 17, 2012, 13:40 Local	Registration:	N630TG
Aircraft:	Piper PA46	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

According to the pilot, during landing the airplane encountered a strong gust of wind. He applied full right rudder in an attempt to compensate for the wind, but the airplane veered off the left side of the runway, struck a runway sign and a runway light, and came to rest in a field; the airplane sustained substantial damage to the left wing and fuselage. The pilot reported no preimpact mechanical malfunctions or failures with the airplane that would have precluded normal operation. The wind reported at the airport about the time of the accident was from 290 degrees at 7 knots gusting to 15 knots.

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 while landing in gusting wind conditions.

Findings

Aircraft	Directional control - Not attained/maintained
Personnel issues	Lack of action - Pilot
Environmental issues	Gusts - Effect on operation

Factual Information

History of Flight

Landing-landing roll	Other weather encounter
Landing-landing roll	Loss of control on ground (Defining event)
Landing-landing roll	Runway excursion
Landing-landing roll	Collision with terr/obj (non-CFIT)

Pilot Information

Certificate:	Private	Age:	45, Male
Airplane Rating(s):	Single-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 Without waivers/limitations	Last FAA Medical Exam:	September 7, 2011
Occupational Pilot:	No	Last Flight Review or Equivalent:	April 1, 2012
Flight Time:	418 hours (Total, all aircraft), 325 hours (Total, this make and model), 250 hours (Pilot In Command, all aircraft), 17 hours (Last 90 days, all aircraft), 13 hours (Last 30 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Piper	Registration:	N630TG
Model/Series:	PA46 350T	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	4692079
Landing Gear Type:	Retractable - Tricycle	Seats:	6
Date/Type of Last Inspection:	March 29, 2012 Annual	Certified Max Gross Wt.:	4358 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	339 Hrs as of last inspection	Engine Manufacturer:	Lycoming
ELT:	C91A installed, not activated	Engine Model/Series:	TIO 540 AE2A
Registered Owner:	David Panagrossi	Rated Power:	350 Horsepower
Operator:	David Panagrossi	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	VSF,578 ft msl	Distance from Accident Site:	5 Nautical Miles
Observation Time:	13:30 Local	Direction from Accident Site:	275°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	7 knots / 15 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:	290°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.09 inches Hg	Temperature/Dew Point:	17°C / 0°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Monmouth, NJ (BLM)	Type of Flight Plan Filed:	IFR
Destination:	Springfield, VT (VSF)	Type of Clearance:	IFR
Departure Time:	12:20 Local	Type of Airspace:	Class G

Airport Information

Airport:	Hartness State Airport VSF	Runway Surface Type:	Asphalt
Airport Elevation:	578 ft msl	Runway Surface Condition:	Dry
Runway Used:	29	IFR Approach:	None
Runway Length/Width:	3000 ft / 75 ft	VFR Approach/Landing:	Traffic pattern

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	43.343612,-72.516944(est)

Administrative Information

Investigator In Charge (IIC):	Obregon, Jose
Additional Participating Persons:	Paul Hubbard; FAA/FSDO; Portland, ME
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=83681

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