



National Transportation Safety Board Aviation Accident Data Summary

Location:	Enumclaw, WA	Accident Number:	WPR11CA422
Date & Time:	09/01/2011, 1940 PDT	Registration:	N5099A
Aircraft:	AIR CREATION CLIPPER 582S	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The pilot stated that the wind for takeoff was light and variable. After a few minutes of flying, he attempted two landings, both of which resulted in his performing a go-around. He said the third attempt appeared to be lined up well, but as he approached touchdown the wind became turbulent due to the buildings on the side of the runway. After touchdown, he lost directional control of the weight-shift controlled aircraft and it veered right, impacting a hangar. The aircraft's keel beam was bent during the accident sequence.

Flight Events

Landing-flare/touchdown - Loss of control on ground
Landing-flare/touchdown - Other weather encounter

Probable Cause

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

Findings

Aircraft-Aircraft oper/perf/capability-Performance/control parameters-Directional control-Not attained/maintained - C
Personnel issues-Task performance-Use of equip/info-Aircraft control-Pilot - C
Environmental issues-Conditions/weather/phenomena-Turbulence-(general)-Contributed to outcome

Pilot Information

Certificate:	Private; Sport Pilot	Age:	37
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	Powered-Lift	Instructor Rating(s):	None
Flight Time:	125 hours (Total, all aircraft), 23 hours (Total, this make and model), 27 hours (Pilot In Command, all aircraft), 8 hours (Last 90 days, all aircraft), 6 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	AIR CREATION	Registration:	N5099A
Model/Series:	CLIPPER 582S	Engines:	1 Reciprocating
Operator:	STEVENSON JARED J	Engine Manufacturer:	ROTAX
Air Carrier Operating Certificate:	None	Engine Model/Series:	582DCDI
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	SEA, 433 ft msl	Weather Information Source:	Weather Observation Facility
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	Broken / 25000 ft agl
Condition of Light:	Day	Wind Speed/Gusts, Direction:	14 knots, 10°
Temperature:	19°C / 11°C	Visibility	10 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Enumclaw, WA (WA77)	Destination:	Enumclaw, WA (WA77)

Airport Information

Airport:	Enumclaw Airport (WA77)	Runway Surface Type:	Grass/turf; Gravel
Runway Used:	25	Runway Surface Condition:	Dry
Runway Length/Width:	1800 ft / 25 ft		

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None

Administrative Information

Investigator In Charge (IIC):	James F Struhsaker	Adopted Date:	11/03/2011
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=81679		

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