



National Transportation Safety Board Aviation Accident Data Summary

Location:	Osage Beach, MO	Accident Number:	CEN13CA521
Date & Time:	09/01/2013, 0945 CDT	Registration:	N407EV
Aircraft:	EVEKTOR-AEROTECHNIK AS SPORTSTAR	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

Prior to departure, the pilot checked the weather and noted a storm was moving toward the area, and determined he needed to depart as soon as possible. During takeoff and while in ground effect, the airplane encountered a gust of wind that pushed the airplane's left wing down. The pilot regained control and continued to initiate a climb in order to clear trees that were located near the end of the runway. The airplane encountered another gust of wind and the pilot attempted to compensate for the wind gust. Subsequently, the airplane impacted trees and terrain, which resulted in substantial damage to the fuselage and both wings. The pilot stated there were no preaccident mechanical malfunctions or failures with the airplane that would have precluded normal operation.

Flight Events

Initial climb - Loss of control in flight
Initial climb - Collision with terr/obj (non-CFIT)

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:
The pilot's failure to maintain aircraft control during initial climb in gusty wind conditions.

Findings

Personnel issues-Task performance-Use of equip/info-Aircraft control-Pilot - C
Environmental issues-Conditions/weather/phenomena-Wind-Gusts-Response/compensation - C

Pilot Information

Certificate:	Sport Pilot	Age:	42
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	(Estimated) 70 hours (Total, all aircraft), 65 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	EVEKTOR-AEROTECHNIK AS	Registration:	N407EV
Model/Series:	SPORTSTAR	Engines:	1 Reciprocating
Operator:	On file	Engine Manufacturer:	
Air Carrier Operating Certificate:	None	Engine Model/Series:	
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Observation Facility, Elevation:		Weather Information Source:	Unknown
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	
Condition of Light:	Day	Wind Speed/Gusts, Direction:	5 knots, 270°
Temperature:		Visibility	10 Miles
Precipitation and Obscuration:	No Precipitation		
Departure Point:	Osage Beach, MO	Destination:	Saint Charles, MO (SET)

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

Administrative Information

Investigator In Charge (IIC):	Aaron M Sauer	Adopted Date:	10/21/2013
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=87957		

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