



National Transportation Safety Board Aviation Accident Data Summary

Location:	Oakley, KS	Accident Number:	DEN07CA097
Date & Time:	06/01/2007, 1800 CDT	Registration:	N836RV
Aircraft:	Stevenson RV-6	Injuries:	1 Minor
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

While on short final approach approximately 10 feet above ground level (agl), the pilot added a little power to the engine and then heard a "loud pop" sound. Subsequently, the airplane stalled and the left wing impacted the grass runway. The airplane bounced, impacted trees and a fence, and came to rest inverted adjacent to the runway. No anomalies were noted with the airframe and engine.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's failure to maintain airspeed during final approach resulting in a inadvertent stall and impact with terrain.

Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT
Phase of Operation: APPROACH - VFR PATTERN - FINAL APPROACH

- Findings
1. (C) AIRSPEED - NOT MAINTAINED - PILOT IN COMMAND
 2. (C) STALL - INADVERTENT - PILOT IN COMMAND

Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: LANDING

- Findings
3. TERRAIN CONDITION - GROUND
 4. OBJECT - TREE(S)
 5. OBJECT - FENCE

Pilot Information

Certificate:	Private	Age:	60
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	
Flight Time:	210 hours (Total, all aircraft), 35 hours (Total, this make and model), 3 hours (Last 90 days, all aircraft), 1 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Stevenson	Registration:	N836RV
Model/Series:	RV-6	Engines:	1 Reciprocating
Operator:	Walter A. Stevenson	Engine Manufacturer:	Superior
Operating Certificate(s) Held:	None	Engine Model/Series:	XPIO-360
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:		Weather Information Source:	Unknown
Lowest Ceiling:		Wind Speed/Gusts, Direction:	/ ,
Temperature:		Visibility:	
Precipitation and Obscuration:			
Departure Point:	Oakley, KS	Destination:	

Airport Information

Airport:		Runway Surface Type:	
Runway Used:	NA	Runway Surface Condition:	
Runway Length/Width:			

Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	
Latitude, Longitude:	39.109722, -100.816389		

Administrative Information

Investigator In Charge (IIC):	Aaron M Sauer	Adopted Date:	07/25/2007
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	NTSB accident and incident dockets serve as permanent archival information for the NTSB's investigations. Dockets released prior to June 1, 2009 are publicly available from the NTSB's Record Management Division at pubinq@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

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