



# National Transportation Safety Board Aviation Accident Final Report

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<b>Location:</b>	Baldwin City, KS	<b>Accident Number:</b>	DFW08CA158
<b>Date &amp; Time:</b>	06/01/2008, 1626 CDT	<b>Registration:</b>	N43865
<b>Aircraft:</b>	Aeros Venture	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	2 None

**Flight Conducted Under:** Part 91: General Aviation - Instructional

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## Analysis

The 280-hour flight instructor was providing a 137-hour private pilot instruction in a weight-shift experimental light sport aircraft so he could obtain a sport pilot rating. The instructor said that they were both at the control bar as the pilot was practicing a normal approach to land. However, when the airplane was about 50 feet above the ground, the wind started to push the airplane to the left of the centerline. The pilot was unable to get the airplane back on course with the runway and the instructor attempted to take over the controls. There was not a positive exchange of controls and the airplane drifted further to the left and rapidly approached power lines, buildings, and trees. The instructor realized that they would be unable to out climb these obstacles and elected to fly the airplane onto the ground under the power lines. The airplane subsequently collided with a mailbox and a hangar resulting in substantial damage to the airplane's wing. The buggy, a landing gear strut, the propeller, and windshield were also damaged. The pilot reported there were no mechanical deficiencies with the airplane or the engine. The instructor stated that once the airplane started drifting off centerline, the landing should have been aborted and a go-around executed.

## 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 proper runway alignment and the instructor's delayed remedial action to abort the landing, which resulted in a collision with a mailbox and hangar. A factor was the crosswind.

## Findings

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Occurrence #1: IN FLIGHT COLLISION WITH OBJECT  
Phase of Operation: LANDING

### Findings

1. OBJECT - OTHER
2. (C) PROPER ALIGNMENT - NOT MAINTAINED - DUAL STUDENT
3. OBJECT - HANGAR/ AIRPORT BUILDING
4. (C) REMEDIAL ACTION - DELAYED - PILOT IN COMMAND(CFI)
5. (F) WEATHER CONDITION - CROSSWIND

## Factual Information

### Flight Instructor Information

<b>Certificate:</b>	Flight Instructor; Sport Pilot	<b>Age:</b>	47, Male
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Seat Occupied:</b>	
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	Seatbelt, Shoulder harness
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	
<b>Instructor Rating(s):</b>		<b>Toxicology Performed:</b>	
<b>Medical Certification:</b>	Sport Pilot	<b>Last Medical Exam:</b>	10/01/2006
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	280 hours (Total, all aircraft), 11 hours (Total, this make and model), 11 hours (Last 90 days, all aircraft), 11 hours (Last 30 days, all aircraft)		

### Pilot Information

<b>Certificate:</b>		<b>Age:</b>	
<b>Airplane Rating(s):</b>		<b>Seat Occupied:</b>	
<b>Other Aircraft Rating(s):</b>		<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>		<b>Second Pilot Present:</b>	
<b>Instructor Rating(s):</b>		<b>Toxicology Performed:</b>	
<b>Medical Certification:</b>		<b>Last Medical Exam:</b>	
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>			

### Aircraft and Owner/Operator Information

<b>Aircraft Manufacturer:</b>	Aeros	<b>Registration:</b>	N43865
<b>Model/Series:</b>	Venture	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	No
<b>Airworthiness Certificate:</b>	Special Light-Sport	<b>Serial Number:</b>	GS-001
<b>Landing Gear Type:</b>	Tricycle	<b>Seats:</b>	
<b>Date/Type of Last Inspection:</b>		<b>Certified Max Gross Wt.:</b>	
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>		<b>Engine Manufacturer:</b>	Volkswagen
<b>ELT:</b>	Not installed	<b>Engine Model/Series:</b>	8135 cc
<b>Registered Owner:</b>	Robert S. Sundquist	<b>Rated Power:</b>	
<b>Operator:</b>	Robert S. Sundquist	<b>Air Carrier Operating Certificate:</b>	None

## Meteorological Information and Flight Plan

Observation Facility, Elevation:		Observation Time:	
Distance from Accident Site:		Condition of Light:	Day
Direction from Accident Site:		Conditions at Accident Site:	Visual Conditions
Lowest Cloud Condition:		Temperature/Dew Point:	
Lowest Ceiling:		Visibility	
Wind Speed/Gusts, Direction:		Visibility (RVR):	
Altimeter Setting:		Visibility (RVV):	
Precipitation and Obscuration:			
Departure Point:	Baldwin City, KS (K64)	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	CDT	Type of Airspace:	

## Airport Information

Airport:		Runway Surface Type:	
Airport Elevation:		Runway Surface Condition:	
Runway Used:		IFR Approach:	
Runway Length/Width:		VFR Approach/Landing:	

## Wreckage and Impact Information

Crew Injuries:	2 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	
Total Injuries:	2 None		

## Administrative Information

Investigator In Charge (IIC):	Leah D Yeager	Adopted Date:	06/30/2008
Additional Participating Persons:	Terry Eichelberger; Kansas City, KS		
Publish Date:			
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 <a href="mailto:pubinq@ntsb.gov">pubinq@ntsb.gov</a> , or at 800-877-6799. Dockets released after this date are available at <a href="http://dms.nts.gov/pubdms/">http://dms.nts.gov/pubdms/</a> .		

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