



National Transportation Safety Board Aviation Accident Data Summary

Location:	Baldwin City, KS	Accident Number:	DFW08CA158
Date & Time:	06/01/2008, 1626 CDT	Registration:	N43865
Aircraft:	Aeros Venture	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

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

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

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

Flight Instructor Information

Certificate:	Flight Instructor; Sport Pilot	Age:	47
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	
Flight Time:	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

Certificate:	Age:
Airplane Rating(s):	Instrument Rating(s):
Other Aircraft Rating(s):	Instructor Rating(s):
Flight Time:	

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	Aeros	Registration:	N43865
Model/Series:	Venture	Engines:	1 Reciprocating
Operator:	Robert S. Sundquist	Engine Manufacturer:	Volkswagen
Air Carrier Operating Certificate:	None	Engine Model/Series:	8135 cc
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	Weather Information Source:
Conditions at Accident Site: Visual Conditions	Lowest Ceiling:
Condition of Light: Day	Wind Speed/Gusts, Direction:
Temperature:	Visibility
Precipitation and Obscuration:	
Departure Point: Baldwin City, KS (K64)	Destination:

Airport Information

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

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	Leah D Yeager	Adopted Date:	06/30/2008
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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