



Aviation Investigation Final Report

Location:	Salisbury, Maryland	Accident Number:	ERA13CA425
Date & Time:	September 21, 2013, 15:00 Local	Registration:	N99KL
Aircraft:	LENNOX KENNETH J ZODIAC 601HDS	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot/owner of the experimental, amateur-built airplane said that the tower controller cleared him to land on runway 14, and advised that the wind was from 180 degrees at 12 knots gusting to 26 knots. The pilot elected to continue the landing, and during the landing roll, a "strong" gust of wind pushed the airplane off the left side of the runway, where it struck a runway light and sustained substantial damage to the empennage. The pilot reported that there were no mechanical deficiencies with the airplane that would have precluded normal operation.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

The pilot's inadequate compensation for the wind conditions while landing.

Findings

Environmental issues	Gusts - Response/compensation
Personnel issues	Aircraft control - Pilot
Aircraft	Directional control - Not attained/maintained
Environmental issues	Runway/taxi/approach light - Contributed to outcome

Factual Information

History of Flight

Landing-landing roll	Loss of control on ground (Defining event)
Landing-landing roll	Runway excursion
Landing-landing roll	Collision with terr/obj (non-CFIT)

Pilot Information

Certificate:	Commercial	Age:	81
Airplane Rating(s):	Single-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	3-point
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 With waivers/limitations	Last FAA Medical Exam:	July 7, 2010
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	3497 hours (Total, all aircraft), 390 hours (Total, this make and model), 10 hours (Last 90 days, all aircraft), 4 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	LENNOX KENNETH J	Registration:	N99KL
Model/Series:	ZODIAC 601HDS HDS	Aircraft Category:	Airplane
Year of Manufacture:	1999	Amateur Built:	Yes
Airworthiness Certificate:	Experimental (Special)	Serial Number:	6-3783
Landing Gear Type:	Tailwheel	Seats:	
Date/Type of Last Inspection:	August 10, 2013 Annual	Certified Max Gross Wt.:	
Time Since Last Inspection:	2 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	390 Hrs at time of accident	Engine Manufacturer:	CONT MOTOR
ELT:	Installed, not activated	Engine Model/Series:	C85 SERIES
Registered Owner:	LENNOX KENNETH J	Rated Power:	85 Horsepower
Operator:	LENNOX KENNETH J	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	KSBY, 53 ft msl	Distance from Accident Site:	
Observation Time:	15:00 Local	Direction from Accident Site:	
Lowest Cloud Condition:	Scattered / 3600 ft AGL	Visibility	10 miles
Lowest Ceiling:	Broken / 4800 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	13 knots / 19 knots	Turbulence Type Forecast/Actual:	/ None
Wind Direction:	170°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29.79 inches Hg	Temperature/Dew Point:	28°C / 17°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Essex, MD (W48)	Type of Flight Plan Filed:	None
Destination:	Salisbury, MD (SBY)	Type of Clearance:	VFR
Departure Time:	14:30 Local	Type of Airspace:	Class D

Airport Information

Airport:	SALISBURY-OCEAN CITY WICOMICO SBY	Runway Surface Type:	Asphalt
Airport Elevation:	53 ft msl	Runway Surface Condition:	Dry
Runway Used:	14	IFR Approach:	None
Runway Length/Width:	6400 ft / 100 ft	VFR Approach/Landing:	Traffic pattern

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	38.337223,-75.509445(est)

Administrative Information

Investigator In Charge (IIC): Rayner, Brian

Additional Participating Persons:

Original Publish Date: April 23, 2014

Last Revision Date:

Investigation Class: [Class](#)

Note: This accident report documents the factual circumstances of this accident as described to the NTSB.

Investigation Docket: <https://data.nts.gov/Docket?ProjectID=88103>

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