



National Transportation Safety Board Aviation Accident Final Report

Location:	Oshkosh, WI	Accident Number:	CEN12CA409
Date & Time:	07/01/2012, 1136 CDT	Registration:	N500L
Aircraft:	WILKINSON LORIN L HATZ XB-II	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	3 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

During the landing roll with about 5 knots of crosswind, the airplane turned to the left, and the pilot tried to correct the turn by adding control inputs. However, the airplane ground looped to the left and came to rest on the side of the runway. The airplane sustained substantial damage to its wings and fuselage. The pilot reported that he had landed the airplane in the past with much stronger crosswinds and felt comfortable with the conditions at the time.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's loss of directional control while landing with a crosswind.

Findings

Aircraft	Directional control - Not attained/maintained (Cause)
Personnel issues	Aircraft control - Pilot (Cause)
Environmental issues	Crosswind - Response/compensation

Factual Information

History of Flight

Landing	Loss of control on ground (Defining event) Dragged wing/rotor/float/other
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Pilot Information

Certificate:	Airline Transport	Age:	44, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Rear
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 1 With Waivers/Limitations	Last Medical Exam:	02/22/2012
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	04/19/2012
Flight Time:	11800 hours (Total, all aircraft), 131 hours (Total, this make and model), 8736 hours (Pilot In Command, all aircraft), 96 hours (Last 90 days, all aircraft), 35 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	WILKINSON LORIN L	Registration:	N500L
Model/Series:	HATZ XB-II	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	Yes
Airworthiness Certificate:	Experimental	Serial Number:	500
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	11/01/2011, Conditional	Certified Max Gross Wt.:	
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	231 Hours	Engine Manufacturer:	LOM Praha
ELT:	C91A installed, not activated	Engine Model/Series:	M332B
Registered Owner:	On file	Rated Power:	140 hp
Operator:	On file	Air Carrier Operating Certificate:	None

Meteorological Information and Flight Plan

Observation Facility, Elevation:	KOSH	Observation Time:	1135 CDT
Distance from Accident Site:		Condition of Light:	Day
Direction from Accident Site:		Conditions at Accident Site:	Visual Conditions
Lowest Cloud Condition:	Clear	Temperature/Dew Point:	29° C / 13° C
Lowest Ceiling:	None	Visibility	10 Miles
Wind Speed/Gusts, Direction:	5 knots, 90°	Visibility (RVR):	
Altimeter Setting:	30 inches Hg	Visibility (RVV):	
Precipitation and Obscuration:	No Precipitation		
Departure Point:	Oshkosh, WI (OSH)	Type of Flight Plan Filed:	Unknown
Destination:	Oshkosh, WI (OSH)	Type of Clearance:	None
Departure Time:	1110 CDT	Type of Airspace:	

Airport Information

Airport:	Wittman Regional (OSH)	Runway Surface Type:	Concrete
Airport Elevation:		Runway Surface Condition:	Dry
Runway Used:	18	IFR Approach:	Unknown
Runway Length/Width:	8002 ft / 150 ft	VFR Approach/Landing:	Full Stop; Traffic Pattern

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	2 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	3 None		

Administrative Information

Investigator In Charge (IIC):	Craig Hatch	Adopted Date:	10/09/2012
Additional Participating Persons:	Wayne Just; FAA FSDO; Milwaukee, IL		
Publish Date:	10/09/2012		
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	http://dms.ntsb.gov/pubdms/search/dockList.cfm?mKey=84145		

The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the accidents, issue safety recommendations, study transportation safety issues, and evaluate the safety effectiveness of government agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

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