



National Transportation Safety Board Aviation Accident Data Summary

Location:	Appleton, WI	Accident Number:	CEN13CA457
Date & Time:	08/01/2013, 1045 CDT	Registration:	N234X
Aircraft:	STEARMAN A75	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Air Race/Show		

Analysis

Prior to landing, the pilot listened to the automated weather station which reported the wind out of the west at 8 knots; the pilot would land on runway 21 for a normal crosswind landing. During the landing roll, the right wing lifted suddenly, the left wing contacted the ground, and the airplane ground looped. The pilot then asked the air traffic controller what the wind was, the air traffic controller responded that the wind was at 14 knots, gusting to 19 and getting stronger. Examination of the airplane revealed substantial damage to the left wing.

Flight Events

Landing-flare/touchdown - Loss of control on ground
Landing-flare/touchdown - Runway excursion

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:
The pilot's inadequate compensation for the crosswind, which resulted in a loss of directional control.

Findings

Aircraft-Aircraft oper/perf/capability-Performance/control parameters-Directional control-Not attained/maintained - C

Personnel issues-Task performance-Use of equip/info-Aircraft control-Pilot - C

Environmental issues-Conditions/weather/phenomena-Wind-Crosswind-Response/compensation - C

Pilot Information

Certificate:	Airline Transport; Flight Instructor; Commercial	Age:	56
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	Airplane Single-engine
Flight Time:	19273 hours (Total, all aircraft), 214 hours (Total, this make and model), 10202 hours (Pilot In Command, all aircraft), 217 hours (Last 90 days, all aircraft), 112 hours (Last 30 days, all aircraft), 4 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	STEARMAN	Registration:	N234X
Model/Series:	A75	Engines:	1 Reciprocating
Operator:	AMERICAN AIRPOWER HERITAGE FLYING MUSEUM INC	Engine Manufacturer:	LYCOMING
Air Carrier Operating Certificate:	None	Engine Model/Series:	R680E SERIES
Flight Conducted Under:	Part 91: General Aviation - Air Race/Show		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	KATW	Weather Information Source:	Weather Observation Facility
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	None
Condition of Light:	Day	Wind Speed/Gusts, Direction:	5 knots, 230°
Temperature:	18°C / 10°C	Visibility	10 Miles
Precipitation and Obscuration:	No Precipitation		
Departure Point:	Appleton, WI (KATW)	Destination:	Appleton, WI (KATW)

Airport Information

Airport:	Outagamie County Regional (KATW)	Runway Surface Type:	Concrete
Runway Used:	21	Runway Surface Condition:	Dry
Runway Length/Width:	8002 ft / 150 ft		

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	Craig Hatch	Adopted Date:	10/21/2013
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=87672		

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