



# Aviation Investigation Final Report

<b>Location:</b>	Pryor, Oklahoma	<b>Accident Number:</b>	CEN12CA329
<b>Date &amp; Time:</b>	May 29, 2012, 09:45 Local	<b>Registration:</b>	N85AY
<b>Aircraft:</b>	BRUMBAUGH B/KASOWSKI L AVID FLYER IV	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Loss of control on ground	<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

The pilot was performing a high speed taxi before an intended local flight. During the high speed taxi, the airplane's tail rose off the ground, and the pilot reduced power. During the subsequent rollout, the tailwheel started to shimmy, and the pilot applied left and right rudder. The airplane veered left, exited the runway, went down a steep slope, and impacted the side of a drainage ditch, which resulted in substantial damage to the wings and fuselage. The pilot reported no mechanical malfunctions.

## 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 directional control during a high speed taxi.

## Findings

<b>Personnel issues</b>	Aircraft control - Pilot
<b>Aircraft</b>	Directional control - Not attained/maintained

## Factual Information

### History of Flight

Taxi	Loss of control on ground (Defining event)
Taxi	Collision with terr/obj (non-CFIT)

### Pilot Information

Certificate:	Commercial	Age:	51, Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	Glider	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Sport pilot Without waivers/limitations	Last FAA Medical Exam:	May 15, 2006
Occupational Pilot:	No	Last Flight Review or Equivalent:	April 21, 2012
Flight Time:	820 hours (Total, all aircraft), 4 hours (Total, this make and model), 780 hours (Pilot In Command, all aircraft), 2 hours (Last 90 days, all aircraft), 2 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

Aircraft Make:	BRUMBAUGH B/KASOWSKI L	Registration:	N85AY
Model/Series:	AVID FLYER IV	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	Yes
Airworthiness Certificate:	Experimental (Special)	Serial Number:	984
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	May 25, 2012 Annual	Certified Max Gross Wt.:	1050 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	381 Hrs at time of accident	Engine Manufacturer:	Rotax
ELT:	Installed, not activated	Engine Model/Series:	582
Registered Owner:	Pilot	Rated Power:	65 Horsepower
Operator:	Pilot	Operating Certificate(s) Held:	None

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	GCM,733 ft msl	<b>Distance from Accident Site:</b>	
<b>Observation Time:</b>	19:45 Local	<b>Direction from Accident Site:</b>	
<b>Lowest Cloud Condition:</b>	Clear	<b>Visibility</b>	10 miles
<b>Lowest Ceiling:</b>	None	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	/	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>		<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	29.93 inches Hg	<b>Temperature/Dew Point:</b>	26°C / 18°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	Pryor, OK (H71 )	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>	Pryor, OK (H71 )	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	09:45 Local	<b>Type of Airspace:</b>	

## Airport Information

<b>Airport:</b>	Mid-America Industrial Airport H71	<b>Runway Surface Type:</b>	Asphalt
<b>Airport Elevation:</b>	622 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	18	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	5000 ft / 75 ft	<b>VFR Approach/Landing:</b>	None

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>		<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	1 None	<b>Latitude, Longitude:</b>	36.225276,-95.330001(est)

## Administrative Information

**Investigator In Charge (IIC):** Malinowski, Edward

**Additional Participating Persons:**

**Original Publish Date:** August 15, 2012

**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=83794>

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