



# Aviation Investigation Final Report

<b>Location:</b>	CHESAPEAKE, Virginia	<b>Accident Number:</b>	GAA16CA094
<b>Date &amp; Time:</b>	January 1, 2016, 14:30 Local	<b>Registration:</b>	N112TE
<b>Aircraft:</b>	COSTRUZIONI AERONAUTICHE TECNA P92 EAGLET	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Loss of control in flight	<b>Injuries:</b>	1 Minor
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

The pilot reported that he was practicing touch-and-go landings in the airport traffic pattern. He made one trip in the airport traffic pattern and touched down on the runway. After touching down, he applied full power to take off and the airplane veered and banked to the left. The pilot further reported that the left wing impacted the ground when the airplane was about 20 to 30 feet above the ground. The airplane rotated around the wing and impacted the ground off the left side of the runway. The airplane sustained substantial damage to the fuselage, firewall, and both wings.

The pilot reported that there were no preimpact mechanical failures or malfunctions with the airframe or engine 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 loss of directional control during takeoff which resulted in impact with the ground.

## Findings

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

## Factual Information

### History of Flight

Takeoff	Loss of control in flight (Defining event)
Takeoff	Collision with terr/obj (non-CFIT)

### Pilot Information

Certificate:	Private	Age:	63, Male
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:	August 19, 2014
Occupational Pilot:	No	Last Flight Review or Equivalent:	December 11, 2014
Flight Time:	(Estimated) 115 hours (Total, all aircraft), 5.9 hours (Total, this make and model), 57.5 hours (Pilot In Command, all aircraft), 1.5 hours (Last 90 days, all aircraft), 0.5 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	COSTRUZIONI AERONAUTICHE TECNA	<b>Registration:</b>	N112TE
<b>Model/Series:</b>	P92 EAGLET	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>	2007	<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Special light-sport (Special)	<b>Serial Number:</b>	1120
<b>Landing Gear Type:</b>	Tricycle	<b>Seats:</b>	2
<b>Date/Type of Last Inspection:</b>	December 22, 2015 100 hour	<b>Certified Max Gross Wt.:</b>	1323 lbs
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	833.27 Hrs	<b>Engine Manufacturer:</b>	ROTAX
<b>ELT:</b>	C91A installed, activated, did not aid in locating accident	<b>Engine Model/Series:</b>	912ULS
<b>Registered Owner:</b>	MID ATLANTIC AIR VENTURES INC	<b>Rated Power:</b>	98 Horsepower
<b>Operator:</b>	BROAD REACH CORP.	<b>Operating Certificate(s) Held:</b>	None
<b>Operator Does Business As:</b>	CURTIS EADS FLIGHT SCHOOL	<b>Operator Designator Code:</b>	

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	KPVG, 23 ft msl	<b>Distance from Accident Site:</b>	0 Nautical Miles
<b>Observation Time:</b>	19:35 Local	<b>Direction from Accident Site:</b>	319°
<b>Lowest Cloud Condition:</b>		<b>Visibility</b>	10 miles
<b>Lowest Ceiling:</b>	Broken / 2500 ft AGL	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	3 knots / None	<b>Turbulence Type Forecast/Actual:</b>	/ None
<b>Wind Direction:</b>	310°	<b>Turbulence Severity Forecast/Actual:</b>	/ N/A
<b>Altimeter Setting:</b>	30.1 inches Hg	<b>Temperature/Dew Point:</b>	10°C / 5°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	CHESAPEAKE, VA (PVG )	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>	CHESAPEAKE, VA (PVG )	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	14:15 Local	<b>Type of Airspace:</b>	Class G

## Airport Information

<b>Airport:</b>	HAMPTON ROADS EXECUTIVE PVG	<b>Runway Surface Type:</b>	Asphalt
<b>Airport Elevation:</b>	28 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	28	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	5350 ft / 100 ft	<b>VFR Approach/Landing:</b>	Go around;Touch and go;Traffic pattern

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 Minor	<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 Minor	<b>Latitude, Longitude:</b>	36.778888,-76.445556(est)

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Bigelow, Bradley
<b>Additional Participating Persons:</b>	Randy Clark; Federal Aviation Administration; Richmond, VA
<b>Original Publish Date:</b>	March 14, 2016
<b>Last Revision Date:</b>	
<b>Investigation Class:</b>	<a href="#">Class</a>
<b>Note:</b>	This accident report documents the factual circumstances of this accident as described to the NTSB.
<b>Investigation Docket:</b>	<a href="https://data.nts.gov/Docket?ProjectID=92527">https://data.nts.gov/Docket?ProjectID=92527</a>

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