



# National Transportation Safety Board Aviation Accident Data Summary

<b>Location:</b>	Egg Harbor Township, NJ	<b>Accident Number:</b>	ERA11LA437
<b>Date &amp; Time:</b>	08/02/2011, 1500 EDT	<b>Registration:</b>	N87020
<b>Aircraft:</b>	BELLANCA 8GCBC	<b>Injuries:</b>	1 Serious
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Banner Tow		

## Analysis

After the airplane's fourth unsuccessful attempt to pick up a banner, a witness reported that the airplane was flying about 100 feet above ground level and the wings were "wobbling." The airplane then descended, and spun before it impacted the ground. The pilot stated that he did not have any recollection of the accident or the events prior to the accident. No preimpact anomalies were noted with the airframe or engine during a postaccident examination.

## Flight Events

Maneuvering - Aerodynamic stall/spin  
Uncontrolled descent - Collision with terr/obj (non-CFIT)

## Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's failure to maintain adequate airspeed while maneuvering near the ground, which resulted in an aerodynamic stall.

## Findings

Aircraft-Aircraft oper/perf/capability-Performance/control parameters-Airspeed-Not attained/maintained - C  
Personnel issues-Action/decision-Action-Incorrect action performance-Pilot - C

## Pilot Information

<b>Certificate:</b>	Commercial; Private	<b>Age:</b>	20
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Instrument Rating(s):</b>	Airplane
<b>Other Aircraft Rating(s):</b>	None	<b>Instructor Rating(s):</b>	None
<b>Flight Time:</b>	600 hours (Total, all aircraft), 65 hours (Total, this make and model), 65 hours (Last 90 days, all aircraft), 40 hours (Last 30 days, all aircraft), 4 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

Aircraft Manufacturer:	BELLANCA	Registration:	N87020
Model/Series:	8GCBC	Engines:	1 Reciprocating
Operator:	On file	Engine Manufacturer:	LYCOMING
Air Carrier Operating Certificate:	None	Engine Model/Series:	O&VO-360 SER
Flight Conducted Under:	Part 91: General Aviation - Banner Tow		

## Meteorological Information and Flight Plan

Observation Facility, Elevation:	KACY, 75 ft msl	Weather Information Source:	Weather Observation Facility
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	
Condition of Light:	Day	Wind Speed/Gusts, Direction:	5 knots/ 14 knots, 300°
Temperature:	32° C / 12° C	Visibility	10 Miles
Precipitation and Obscuration:	No Precipitation		
Departure Point:	Woodbine, NJ (OBI)	Destination:	Egg Harbor Township, NJ

## Wreckage and Impact Information

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

## Administrative Information

Investigator In Charge (IIC):	Jose Obregon	Adopted Date:	11/26/2012
Investigation Docket:	<a href="http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=81367">http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=81367</a>		

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