



# Aviation Investigation Final Report

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<b>Location:</b>	Globe, Arizona	<b>Accident Number:</b>	WPR14CA110
<b>Date &amp; Time:</b>	February 1, 2014, 08:18 Local	<b>Registration:</b>	N31TC
<b>Aircraft:</b>	Beech V35A	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Loss of control in flight	<b>Injuries:</b>	1 Minor, 1 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

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## Analysis

The pilot reported that the wind was calm during his descent to landing. He further stated that he was low and slow at about 150 to 200 feet above the ground when the airplane began to stall and he was too late to respond. The airplane subsequently collided with terrain and came to rest short of the runway threshold. During the accident sequence, the firewall and both wings sustained substantial damage. The pilot reported no preimpact mechanical malfunctions or failures with the airplane 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 inadequate glide path and failure to maintain adequate airspeed during final approach, which resulted in an aerodynamic stall.

## Findings

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<b>Aircraft</b>	Airspeed - Not attained/maintained
<b>Aircraft</b>	Descent/approach/glide path - Not attained/maintained
<b>Personnel issues</b>	Aircraft control - Pilot

## Factual Information

### History of Flight

<b>Approach-VFR pattern final</b>	Loss of control in flight (Defining event)
<b>Approach-VFR pattern final</b>	Collision with terr/obj (non-CFIT)

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	75
<b>Airplane Rating(s):</b>	Single-engine land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	3-point
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 3 With waivers/limitations	<b>Last FAA Medical Exam:</b>	December 31, 2012
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	3300 hours (Total, all aircraft), 1703 hours (Total, this make and model), 3180 hours (Pilot In Command, all aircraft), 19.7 hours (Last 90 days, all aircraft), 7 hours (Last 30 days, all aircraft), 0.4 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Beech	<b>Registration:</b>	N31TC
<b>Model/Series:</b>	V35A A	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>	1967	<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Utility	<b>Serial Number:</b>	D-8673
<b>Landing Gear Type:</b>	Retractable - Tricycle	<b>Seats:</b>	6
<b>Date/Type of Last Inspection:</b>	July 10, 2013 Annual	<b>Certified Max Gross Wt.:</b>	3400 lbs
<b>Time Since Last Inspection:</b>	35 Hrs	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	4523 Hrs at time of accident	<b>Engine Manufacturer:</b>	Continental
<b>ELT:</b>	C91 installed, activated, did not aid in locating accident	<b>Engine Model/Series:</b>	TSIO-520-DCDB
<b>Registered Owner:</b>	GLEN YODER REALTY	<b>Rated Power:</b>	285 Horsepower
<b>Operator:</b>	GLEN YODER REALTY	<b>Operating Certificate(s) Held:</b>	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>	9630,0 ft msl	<b>Distance from Accident Site:</b>	49 Nautical Miles
<b>Observation Time:</b>	15:15 Local	<b>Direction from Accident Site:</b>	244°
<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>	/ None
<b>Wind Direction:</b>		<b>Turbulence Severity Forecast/Actual:</b>	/ N/A
<b>Altimeter Setting:</b>	29.89 inches Hg	<b>Temperature/Dew Point:</b>	9°C / 2°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	MESA, AZ (FFZ )	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>	Globe, AZ (P13 )	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	07:15 Local	<b>Type of Airspace:</b>	

## Airport Information

<b>Airport:</b>	SAN CARLOS APACHE P13	<b>Runway Surface Type:</b>	Asphalt
<b>Airport Elevation:</b>	3261 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	27	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	6500 ft / 100 ft	<b>VFR Approach/Landing:</b>	Straight-in

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	1 Minor	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	1 Minor, 1 None	<b>Latitude, Longitude:</b>	33.350555,-110.653335(est)

## Administrative Information

**Investigator In Charge (IIC):** Swick, Andrew

**Additional Participating Persons:** Pete Kelly; FAA-FSDO; Scottsdale, AZ

**Original Publish Date:** April 23, 2014

**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=88750>

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