



National Transportation Safety Board Aviation Accident Final Report

Location:	Globe, AZ	Accident Number:	WPR14CA110
Date & Time:	02/01/2014, 0818 MST	Registration:	N31TC
Aircraft:	BEECH V35A	Aircraft Damage:	Substantial
Defining Event:	Loss of control in flight	Injuries:	1 Minor, 1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

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

Aircraft	Airspeed - Not attained/maintained (Cause) Descent/approach glide path - Not attained/maintained (Cause)
Personnel issues	Aircraft control - Pilot (Cause)

Factual Information

History of Flight

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

Certificate:	Private	Age:	75
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 With Waivers/Limitations	Last Medical Exam:	12/31/2012
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	3300 hours (Total, all aircraft), 1703 hours (Total, this make and model), 3180 hours (Pilot In Command, all aircraft), 19.8 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

Aircraft Manufacturer:	BEECH	Registration:	N31TC
Model/Series:	V35A A	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Utility	Serial Number:	D-8673
Landing Gear Type:	Retractable - Tricycle	Seats:	6
Date/Type of Last Inspection:	07/10/2013, Annual	Certified Max Gross Wt.:	3400 lbs
Time Since Last Inspection:	35 Hours	Engines:	1 Reciprocating
Airframe Total Time:	4523 Hours	Engine Manufacturer:	Continental
ELT:	C91 installed, activated, did not aid in locating accident	Engine Model/Series:	TSIO-520-DCDB
Registered Owner:	GLEN YODER REALTY	Rated Power:	285 hp
Operator:	GLEN YODER REALTY	Air Carrier Operating Certificate:	None

Meteorological Information and Flight Plan

Observation Facility, Elevation:	9630, 0 ft msl	Observation Time:	1515 UTC
Distance from Accident Site:	49 Nautical Miles	Condition of Light:	Day
Direction from Accident Site:	244°	Conditions at Accident Site:	Visual Conditions
Lowest Cloud Condition:	Clear	Temperature/Dew Point:	9°C / 2°C
Lowest Ceiling:	None	Visibility	10 Miles
Wind Speed/Gusts, Direction:	Calm	Visibility (RVR):	
Altimeter Setting:	29.9 inches Hg	Visibility (RVV):	
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	MESA, AZ (FFZ)	Type of Flight Plan Filed:	None
Destination:	Globe, AZ (P13)	Type of Clearance:	None
Departure Time:	0715 MST	Type of Airspace:	

Airport Information

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

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	Andrew L Swick	Adopted Date:	04/23/2014
Additional Participating Persons:	Pete Kelly; FAA-FSDO; Scottsdale, AZ		
Publish Date:	06/16/2015		
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	http://dms.ntsb.gov/pubdms/search/dockList.cfm?mKey=88750		

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