



## National Transportation Safety Board Aviation Accident Factual Report

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<b>Location:</b>	Payson, AZ	<b>Accident Number:</b>	GAA17CA318
<b>Date &amp; Time:</b>	06/04/2017, 1024 MST	<b>Registration:</b>	N50526
<b>Aircraft:</b>	CESSNA 172	<b>Aircraft Damage:</b>	Destroyed
<b>Defining Event:</b>	Aerodynamic stall/spin	<b>Injuries:</b>	2 Minor
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

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The pilot reported that during an approach to runway 22, the airplane drifted to the right of the runway centerline. He initiated a go-around by turning off the carburetor heat, he applied full throttle, he increased the flaps from 30° to 20°, and he pushed forward on the yoke to increase airspeed. He noticed that the airplane began to settle into ground effect. He saw that the terrain began to rise and he recalled that the noise abatement procedure called for a right turn to 270°, so the pilot turned to the right before establishing a climb. The airplane descended into rising terrain, struck trees and impacted the ground and became engulfed in flames. The post-crash fire destroyed the airplane's fuselage.

The METAR reported that the wind was variable at 4 kts. and the temperature was 84° Fahrenheit. The field elevation was 5,504 ft. and the altimeter setting was 30.14. The density altitude was 8,255 ft.

Per the National Transportation Safety Board Pilot Aircraft Accident Report, the pilot reported that the accident could have been prevented by reviewing the airplane's performance data and atmospheric conditions, especially density altitude and its effect on performance per the manufacturer pilot operating handbook. In the future, the pilot vowed to place greater emphasis on performance planning as an essential activity during flight planning.

The pilot reported that there were no preaccident mechanical malfunctions or failures with the airplane that would have precluded normal operation.

## Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	57, Male
<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>	03/29/2016
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	05/12/2017
<b>Flight Time:</b>	(Estimated) 92 hours (Total, all aircraft), 92 hours (Total, this make and model), 25 hours (Pilot In Command, all aircraft), 21 hours (Last 90 days, all aircraft), 10 hours (Last 30 days, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	CESSNA	<b>Registration:</b>	N50526
<b>Model/Series:</b>	172 M	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>	1974	<b>Amateur Built:</b>	No
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	17264211
<b>Landing Gear Type:</b>	Tricycle	<b>Seats:</b>	4
<b>Date/Type of Last Inspection:</b>	05/17/2017, 100 Hour	<b>Certified Max Gross Wt.:</b>	2300 lbs
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	5320.6 Hours as of last inspection	<b>Engine Manufacturer:</b>	LYCOMING
<b>ELT:</b>	Installed, activated, aided in locating accident	<b>Engine Model/Series:</b>	O-320
<b>Registered Owner:</b>	CLASSIC AIR AVIATION LLC	<b>Rated Power:</b>	150 hp
<b>Operator:</b>	CLASSIC AIR AVIATION LLC	<b>Operating Certificate(s) Held:</b>	Pilot School (141)

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	KPAN, 5157 ft msl	Distance from Accident Site:	2 Nautical Miles
Observation Time:	1715 UTC	Direction from Accident Site:	113°
Lowest Cloud Condition:	Clear	Visibility	10 Miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	Light and Variable /	Turbulence Type Forecast/Actual:	/ None
Wind Direction:	Variable	Turbulence Severity Forecast/Actual:	/ N/A
Altimeter Setting:	30.14 inches Hg	Temperature/Dew Point:	29° C / 0° C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	MESA, AZ (FFZ)	Type of Flight Plan Filed:	None
Destination:	Payson, AZ (PAN)	Type of Clearance:	None
Departure Time:	0936 MST	Type of Airspace:	Class G

## Airport Information

Airport:	PAYSON (PAN)	Runway Surface Type:	Asphalt
Airport Elevation:	5156 ft	Runway Surface Condition:	Dry
Runway Used:	24	IFR Approach:	None
Runway Length/Width:	5504 ft / 75 ft	VFR Approach/Landing:	Go Around

## Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Destroyed
Passenger Injuries:	1 Minor	Aircraft Fire:	On-Ground
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 Minor	Latitude, Longitude:	34.266944, -111.366944 (est)

## Administrative Information

Investigator In Charge (IIC):	Michael A Hicks
Additional Participating Persons:	Kenton P Fenning; FAA; Scottsdale, AZ
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	<a href="http://dms.ntsb.gov/pubdms/search/dockList.cfm?mKey=95297">http://dms.ntsb.gov/pubdms/search/dockList.cfm?mKey=95297</a>