



# National Transportation Safety Board Aviation Accident Data Summary

<b>Location:</b>	San Carlos, CA	<b>Accident Number:</b>	GAA18CA395
<b>Date &amp; Time:</b>	07/05/2018, 1530 PDT	<b>Registration:</b>	N75SY
<b>Aircraft:</b>	COSTRUZIONI AERONAUTICHE TECNA P2002 SIERRA	<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

## Analysis

The pilot reported that, while landing in a crosswind, the approach was "too low," and he added power. The airplane then "rolled and veered" left. He added that marks on the terrain indicated that the left wing struck the ground, and tracks showed that the airplane touched down on the pavement before the runway threshold. The airplane then exited the runway, the nose landing gear collapsed, and the airplane came to rest nose down.

The airplane sustained substantial damage to the engine mount, left wing, and fuselage.

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

The automated weather observation system located at the airport reported that, about the time of the accident, the wind was from 330° at 8 knots. The pilot landed the airplane on runway 30.

## Flight Events

- Approach-VFR go-around - Aerodynamic stall/spin
- Landing - Landing area undershoot
- Landing - Runway excursion
- Landing - Landing gear collapse
- Landing - Nose over/nose down

## Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

The pilot's failure to maintain a proper glidepath and crosswind correction during landing, which resulted in an aerodynamic stall.

## Findings

Aircraft-Aircraft oper/perf/capability-Performance/control parameters-Descent/approach/glide path-Not attained/maintained - C  
 Aircraft-Aircraft oper/perf/capability-Performance/control parameters-Crosswind correction-Not attained/maintained - C  
 Personnel issues-Task performance-Use of equip/info-Aircraft control-Pilot - C  
 Environmental issues-Conditions/weather/phenomena-Wind-Crosswind-Response/compensation - C  
 Environmental issues-Conditions/weather/phenomena-Wind-Crosswind-Effect on operation

## Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	72
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Instrument Rating(s):</b>	None
<b>Other Aircraft Rating(s):</b>	None	<b>Instructor Rating(s):</b>	None
<b>Flight Time:</b>	(Estimated) 802 hours (Total, all aircraft), 277 hours (Total, this make and model), 802 hours (Pilot In Command, all aircraft), 9 hours (Last 90 days, all aircraft), 3 hours (Last 30 days, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	COSTRUZIONI AERONAUTICHE TECNA	<b>Registration:</b>	N75SY
<b>Model/Series:</b>	P2002 SIERRA	<b>Engines:</b>	1 Reciprocating
<b>Operator:</b>	On file	<b>Engine Manufacturer:</b>	Rotax
<b>Operating Certificate(s) Held:</b>	None	<b>Engine Model/Series:</b>	912ULS
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual Conditions	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	KSQL, 5 ft msl	<b>Weather Information Source:</b>	Weather Observation Facility
<b>Lowest Ceiling:</b>	None	<b>Wind Speed/Gusts, Direction:</b>	8 knots / , 330°
<b>Temperature:</b>	23° C	<b>Visibility</b>	10 Miles
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	San Carlos, CA (SQL)	<b>Destination:</b>	San Carlos, CA (SQL)

## Airport Information

<b>Airport:</b>	SAN CARLOS (SQL)	<b>Runway Surface Type:</b>	Asphalt
<b>Runway Used:</b>	30	<b>Runway Surface Condition:</b>	Dry
<b>Runway Length/Width:</b>	2600 ft / 75 ft		

## Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:	37.515278, -122.250278 (est)		

## Administrative Information

Investigator In Charge (IIC):	Eric A Swenson	Adopted Date:	03/18/2019
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	<a href="http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=97709">http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=97709</a>		

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