



# National Transportation Safety Board Aviation Accident Final Report

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<b>Location:</b>	Grotten, CT	<b>Accident Number:</b>	GAA19CA379
<b>Date &amp; Time:</b>	06/21/2019, 1130 EDT	<b>Registration:</b>	N727HG
<b>Aircraft:</b>	Cirrus SR22	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Abnormal runway contact	<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

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## Analysis

The pilot reported that, while landing with gusting winds, the airplane porpoised on touchdown, so he chose to go around and "shoot the approach again." During the second landing, the airplane porpoised on touchdown. The pilot regained control of the airplane and taxied to the ramp without further incident.

The airplane sustained substantial damage to the firewall.

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

The airport's automated weather observation station reported that, about 26 minutes after the accident, the wind was from 360° at 5 knots. The pilot reported that the wind was from 020° at 8 knots, gusting to 14 knots. The pilot was landing the airplane on runway 5.

## Probable Cause and Findings

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

The pilot's improper landing flare and failure to maintain pitch control, which resulted in a porpoised landing.

## Findings

<b>Aircraft</b>	Pitch control - Not attained/maintained (Cause)
	Landing flare - Not attained/maintained (Cause)
<b>Personnel issues</b>	Aircraft control - Pilot (Cause)

## Factual Information

### History of Flight

<b>Landing</b>	Abnormal runway contact (Defining event) Attempted remediation/recovery
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### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	48, 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>	
<b>Instrument Rating(s):</b>	Airplane	<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>	11/01/2018
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	03/26/2019
<b>Flight Time:</b>	(Estimated) 180 hours (Total, all aircraft), 80 hours (Total, this make and model), 104 hours (Pilot In Command, all aircraft), 25 hours (Last 90 days, all aircraft), 8 hours (Last 30 days, all aircraft), 4 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Cirrus	<b>Registration:</b>	N727HG
<b>Model/Series:</b>	SR22 Undesignat	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>	2017	<b>Amateur Built:</b>	No
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	4489
<b>Landing Gear Type:</b>	Tricycle	<b>Seats:</b>	5
<b>Date/Type of Last Inspection:</b>	06/18/2019, Annual	<b>Certified Max Gross Wt.:</b>	3600 lbs
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	882.9 Hours as of last inspection	<b>Engine Manufacturer:</b>	Continental
<b>ELT:</b>	Installed, not activated	<b>Engine Model/Series:</b>	IO 550K
<b>Registered Owner:</b>	Hannibal Aviation Llc	<b>Rated Power:</b>	310 hp
<b>Operator:</b>	Performance Flight	<b>Operating Certificate(s) Held:</b>	None

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	KGON, 10 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	1556 UTC	Direction from Accident Site:	234°
Lowest Cloud Condition:	Few / 1200 ft agl	Visibility	9 Miles
Lowest Ceiling:	Broken / 4000 ft agl	Visibility (RVR):	
Wind Speed/Gusts:	5 knots /	Turbulence Type Forecast/Actual:	None / None
Wind Direction:	360°	Turbulence Severity Forecast/Actual:	N/A / N/A
Altimeter Setting:	29.52 inches Hg	Temperature/Dew Point:	21 °C / 17 °C
Precipitation and Obscuration:	Light - Rain		
Departure Point:	White Plains, NY (HPN)	Type of Flight Plan Filed:	IFR
Destination:	Groton, CT (GON)	Type of Clearance:	IFR
Departure Time:	1030 EDT	Type of Airspace:	Class D

## Airport Information

Airport:	Groton-New London (GON)	Runway Surface Type:	Asphalt
Airport Elevation:	9 ft	Runway Surface Condition:	Dry
Runway Used:	05	IFR Approach:	Visual
Runway Length/Width:	5000 ft / 150 ft	VFR Approach/Landing:	Full Stop

## 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
Total Injuries:	1 None	Latitude, Longitude:	41.330000, -72.045278 (est)

## Administrative Information

Investigator In Charge (IIC):	Eric M Gutierrez	Report Date:	11/06/2019
Additional Participating Persons:	Michael Newman; FAA; Enfield, CT		
Publish Date:	11/06/2019		
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=99739">http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=99739</a>		

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