



# Aviation Investigation Final Report

<b>Location:</b>	Fernandina Beach, Florida	<b>Accident Number:</b>	ERA23LA150
<b>Date &amp; Time:</b>	February 17, 2023, 18:19 Local	<b>Registration:</b>	N740NG
<b>Aircraft:</b>	CIRRUS DESIGN CORP SR22	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Loss of control in flight	<b>Injuries:</b>	3 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

The pilot reported that after conducting an instrument approach, the airplane descended out of the clouds at an altitude of about 800 feet above the ground and the pilot had a clear view of the runway. The pilot described that the descent was “uneventful though blustery.” During the subsequent landing, while the airplane was slow and in a nose up pitch attitude, he encountered a sudden wind gust and the airplane subsequently struck a runway identifier sign. The airplane’s left wing and fuselage were substantially damaged during the collision. The pilot reported that there were no preaccident mechanical failures or malfunctions 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 failure to maintain control of the airplane while landing in gusting crosswind conditions, with resulted in a runway excursion and collision with a runway identifier sign.

## Findings

Personnel issues	Aircraft control - Pilot
Environmental issues	Gusts - Response/compensation

## Factual Information

### History of Flight

<b>Landing-flare/touchdown</b>	Loss of control in flight (Defining event)
<b>Landing</b>	Runway excursion

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	65, 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>	Airplane	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	
<b>Medical Certification:</b>	BasicMed Without waivers/limitations	<b>Last FAA Medical Exam:</b>	February 8, 2022
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	November 4, 2022
<b>Flight Time:</b>	446 hours (Total, all aircraft), 162 hours (Total, this make and model), 151 hours (Pilot In Command, all aircraft)		

### Passenger Information

<b>Certificate:</b>		<b>Age:</b>	Female
<b>Airplane Rating(s):</b>		<b>Seat Occupied:</b>	Right
<b>Other Aircraft Rating(s):</b>		<b>Restraint Used:</b>	Unknown
<b>Instrument Rating(s):</b>		<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>		<b>Toxicology Performed:</b>	
<b>Medical Certification:</b>		<b>Last FAA Medical Exam:</b>	
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>			

## Passenger Information

<b>Certificate:</b>	<b>Age:</b>	Male
<b>Airplane Rating(s):</b>	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	<b>Restraint Used:</b>	Unknown
<b>Instrument Rating(s):</b>	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	<b>Toxicology Performed:</b>	
<b>Medical Certification:</b>	<b>Last FAA Medical Exam:</b>	
<b>Occupational Pilot:</b>	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	CIRRUS DESIGN CORP	<b>Registration:</b>	N740NG
<b>Model/Series:</b>	SR22	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>	2006	<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	2032
<b>Landing Gear Type:</b>	Tricycle	<b>Seats:</b>	4
<b>Date/Type of Last Inspection:</b>	November 28, 2022 Annual	<b>Certified Max Gross Wt.:</b>	3400 lbs
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	1895 Hrs at time of accident	<b>Engine Manufacturer:</b>	Continental
<b>ELT:</b>	C126 installed, not activated	<b>Engine Model/Series:</b>	IO-550N
<b>Registered Owner:</b>	ADROIT REAL ESTATE HOLDINGS LLC	<b>Rated Power:</b>	310 Horsepower
<b>Operator:</b>	ADROIT REAL ESTATE HOLDINGS LLC	<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>	KFHB, 17 ft msl	<b>Distance from Accident Site:</b>	0 Nautical Miles
<b>Observation Time:</b>	16:15 Local	<b>Direction from Accident Site:</b>	319°
<b>Lowest Cloud Condition:</b>	Scattered / 2700 ft AGL	<b>Visibility</b>	10 miles
<b>Lowest Ceiling:</b>	Broken / 3400 ft AGL	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	18 knots / 25 knots	<b>Turbulence Type Forecast/Actual:</b>	Unknown / Unknown
<b>Wind Direction:</b>	290°	<b>Turbulence Severity Forecast/Actual:</b>	Unknown / Moderate
<b>Altimeter Setting:</b>	29.99 inches Hg	<b>Temperature/Dew Point:</b>	22°C / 19°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	Peachtree City, GA (FFC)	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>	Fernandina Beach, FL	<b>Type of Clearance:</b>	IFR
<b>Departure Time:</b>	16:51 Local	<b>Type of Airspace:</b>	Class G

## Airport Information

<b>Airport:</b>	Fernandina Beach FHB	<b>Runway Surface Type:</b>	Asphalt
<b>Airport Elevation:</b>	16 ft msl	<b>Runway Surface Condition:</b>	Wet
<b>Runway Used:</b>	22	<b>IFR Approach:</b>	RNAV
<b>Runway Length/Width:</b>	5301 ft / 100 ft	<b>VFR Approach/Landing:</b>	

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	2 None	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	3 None	<b>Latitude, Longitude:</b>	30.612298,-81.462179(est)

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Freeze, Christopher
<b>Additional Participating Persons:</b>	Jennifer Viteritto; FAA/FSDO; Orlando, FL
<b>Original Publish Date:</b>	June 23, 2023
<b>Last Revision Date:</b>	
<b>Investigation Class:</b>	<a href="#">Class 4</a>
<b>Note:</b>	The NTSB did not travel to the scene of this accident.
<b>Investigation Docket:</b>	<a href="https://data.nts.gov/Docket?ProjectID=106875">https://data.nts.gov/Docket?ProjectID=106875</a>

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