



Aviation Investigation Final Report

Location:	Evansville, Indiana	Accident Number:	CEN22LA369
Date & Time:	July 29, 2022, 13:02 Local	Registration:	N5200S
Aircraft:	ICP SRL SAVANNAH S	Aircraft Damage:	Substantial
Defining Event:	Hard landing	Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot reported that while on final approach for landing in gusting winds and about 5 ft. above the ground, the airplane “dropped” and experienced a hard landing that collapsed the nose landing gear. The airplane slid along the runway for 5 to 10 ft. and came to a stop on the runway center line. The airplane sustained substantial damage to the fuselage. The pilot reported that there were no preaccident mechanical failures or malfunctions with the airplane that would have precluded normal operation. At the time of the accident, the airplane was landing on runway 36 with winds 360° at 10 knots with gusts to 15 knots. The pilot stated that the accident could have been prevented if he had initiated a go-around.

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 in gusting winds, which resulted in a hard landing and the nose gear collapsing.

Findings

Aircraft	Landing flare - Not attained/maintained
Personnel issues	Aircraft control - Pilot

Factual Information

History of Flight

Landing-flare/touchdown	Hard landing (Defining event)
Landing-flare/touchdown	Landing gear collapse

Pilot Information

Certificate:	Sport Pilot	Age:	66, Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	4-point
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	
Medical Certification:	Sport pilot	Last FAA Medical Exam:	
Occupational Pilot:	No	Last Flight Review or Equivalent:	January 13, 2022
Flight Time:	217 hours (Total, all aircraft), 157 hours (Total, this make and model), 183 hours (Pilot In Command, all aircraft), 27 hours (Last 90 days, all aircraft), 16 hours (Last 30 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	ICP SRL	Registration:	N5200S
Model/Series:	SAVANNAH S	Aircraft Category:	Airplane
Year of Manufacture:	2013	Amateur Built:	
Airworthiness Certificate:	Special light-sport (Special)	Serial Number:	12-10-54-0220
Landing Gear Type:	Tricycle	Seats:	2
Date/Type of Last Inspection:	November 19, 2021 Annual	Certified Max Gross Wt.:	1320 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	761 Hrs at time of accident	Engine Manufacturer:	Rotax
ELT:	C126 installed, not activated	Engine Model/Series:	912 ULS 2
Registered Owner:	On file	Rated Power:	100
Operator:	On file	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	EVV,422 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	12:54 Local	Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	10 knots / 15 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:	360°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.08 inches Hg	Temperature/Dew Point:	27°C / 16°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Champaign/Urbana, IL (CMI)	Type of Flight Plan Filed:	None
Destination:	Evansville, IN	Type of Clearance:	VFR flight following
Departure Time:	11:35 Local	Type of Airspace:	Class C

Airport Information

Airport:	Evansville Regional Airport EVV	Runway Surface Type:	
Airport Elevation:	422 ft msl	Runway Surface Condition:	Dry
Runway Used:	36	IFR Approach:	None
Runway Length/Width:	6286 ft / 150 ft	VFR Approach/Landing:	Full stop;Straight-in

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:		Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	38.0408,-87.5285(est)

Administrative Information

Investigator In Charge (IIC):	Gallo, Mitchell
Additional Participating Persons:	Chris Johnson; Federal Aviation Administration, Indianapolis FSDO; Plainfield, IN
Original Publish Date:	February 9, 2023
Last Revision Date:	
Investigation Class:	Class 4
Note:	The NTSB did not travel to the scene of this accident.
Investigation Docket:	https://data.ntsb.gov/Docket?ProjectID=105690

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The NTSB does not assign fault or blame for an accident or incident; rather, as specified by NTSB regulation, “accident/incident investigations are fact-finding proceedings with no formal issues and no adverse parties ... and are not conducted for the purpose of determining the rights or liabilities of any person” (Title 49 *Code of Federal Regulations* section 831.4). Assignment of fault or legal liability is not relevant to the NTSB’s statutory mission to improve transportation safety by investigating accidents and incidents and issuing safety recommendations. In addition, statutory language prohibits the admission into evidence or use of any part of an NTSB report related to an accident in a civil action for damages resulting from a matter mentioned in the report (Title 49 *United States Code* section 1154(b)). A factual report that may be admissible under 49 *United States Code* section 1154(b) is available [here](#).