



Aviation Investigation Final Report

Location:	Hemet, California	Accident Number:	WPR24LA144
Date & Time:	April 30, 2024, 14:00 Local	Registration:	N92NP
Aircraft:	RANS S7	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot reported that while he started to flare for landing, the airplane encountered a gust of wind from the left, which he counteracted by lowering the left wing. Shortly after, the left main landing gear contacted the runway, and the airplane abruptly veered to the left. Subsequently, the airplane exited the runway, and the right main landing gear collapsed, which resulted in in substantial damage to the fuselage.

The pilot reported that there were no preexisting mechanical failures or malfunctions with the airplane that would have precluded normal operation. At the time of the accident, the pilot was landing on runway 22, with wind from 150° at 8 knots, gusting to 12 knots.

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 directional control during landing with a crosswind.

Findings

Personnel issues	Aircraft control - Pilot
Aircraft	Directional control - Not attained/maintained
Environmental issues	Crosswind - Effect on operation

Factual Information

History of Flight

Landing-landing roll	Other weather encounter
Landing-landing roll	Loss of control on ground (Defining event)
Landing-landing roll	Runway excursion
Landing-landing roll	Nose over/nose down

Pilot Information

Certificate:	Private	Age:	70, Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Front
Other Aircraft Rating(s):	Glider	Restraint Used:	5-point
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	
Medical Certification:	Class 3 Without waivers/limitations	Last FAA Medical Exam:	June 10, 2022
Occupational Pilot:	No	Last Flight Review or Equivalent:	June 16, 2022
Flight Time:	2553 hours (Total, all aircraft), 89 hours (Total, this make and model), 2553 hours (Pilot In Command, all aircraft), 18.7 hours (Last 90 days, all aircraft), 7.6 hours (Last 30 days, all aircraft), 0 hours (Last 24 hours, all aircraft)		

Passenger Information

Certificate:		Age:	Male
Airplane Rating(s):		Seat Occupied:	Rear
Other Aircraft Rating(s):		Restraint Used:	5-point
Instrument Rating(s):		Second Pilot Present:	No
Instructor Rating(s):		Toxicology Performed:	
Medical Certification:		Last FAA Medical Exam:	
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:			

Aircraft and Owner/Operator Information

Aircraft Make:	RANS	Registration:	N92NP
Model/Series:	S7 S	Aircraft Category:	Airplane
Year of Manufacture:	2023	Amateur Built:	Yes
Airworthiness Certificate:	Normal; Experimental (Special)	Serial Number:	0911564
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	November 13, 2023 Continuous airworthiness	Certified Max Gross Wt.:	1320 lbs
Time Since Last Inspection:	76 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	76 Hrs at time of accident	Engine Manufacturer:	Rotax
ELT:	C126 installed, not activated	Engine Model/Series:	912ULS
Registered Owner:	On file	Rated Power:	100 Horsepower
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:	KRIV, 1536 ft msl	Distance from Accident Site:	15 Nautical Miles
Observation Time:	12:55 Local	Direction from Accident Site:	311°
Lowest Cloud Condition:	Few / 20000 ft AGL	Visibility	10 miles
Lowest Ceiling:		Visibility (RVR):	
Wind Speed/Gusts:	8 knots / 12 knots	Turbulence Type Forecast/Actual:	Unknown / Unknown
Wind Direction:	150°	Turbulence Severity Forecast/Actual:	Unknown / Unknown
Altimeter Setting:	29.86 inches Hg	Temperature/Dew Point:	22.8°C / 10°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Temecula, CA (F70)	Type of Flight Plan Filed:	None
Destination:	Hemet, CA (HMT)	Type of Clearance:	None
Departure Time:	13:35 Local	Type of Airspace:	Class E

Airport Information

Airport:	HEMET-RYAN HMT	Runway Surface Type:	Asphalt
Airport Elevation:	1514 ft msl	Runway Surface Condition:	Dry
Runway Used:	04/22	IFR Approach:	None
Runway Length/Width:	2014 ft / 25 ft	VFR Approach/Landing:	Full stop;Traffic pattern

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	1 None	Aircraft Fire:	None
Ground Injuries:		Aircraft Explosion:	None
Total Injuries:	2 None	Latitude, Longitude:	33.73499,-117.02189(est)

Administrative Information

Investigator In Charge (IIC):	Swick, Andrew
Additional Participating Persons:	Derek Bolen; FAA-FSDO; Riverside, CA
Original Publish Date:	November 19, 2024
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=194218

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