



Aviation Investigation Final Report

Location:	Carson, Nevada	Accident Number:	GAA18CA548
Date & Time:	September 11, 2018, 12:10 Local	Registration:	N289MM
Aircraft:	Vans VANS RV 8	Aircraft Damage:	Substantial
Defining Event:	Abnormal runway contact	Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot of the tailwheel-equipped airplane reported that, during landing, the airplane was "slightly fast," touched down "firm" on the runway, and then bounced. He increased the engine power to cushion the subsequent landing, but the airplane touched down "left wing low" and pointed right. He then corrected with opposite rudder and brake, but the airplane veered right and exited the runway.

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.

The airport's automated weather observation station reported that, about the time of the accident, the wind was from 240° at 9 knots, gusting to 20 knots. The pilot landed the airplane on runway 09.

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, which resulted in a bounced landing, and his subsequent failure to maintain directional control in gusting, right quartering tailwind conditions.

Findings

Aircraft	Directional control - Not attained/maintained
Personnel issues	Aircraft control - Pilot
Aircraft	Landing flare - Not attained/maintained
Environmental issues	Tailwind - Effect on operation
Environmental issues	Gusts - Effect on operation

Factual Information

History of Flight

Landing	Miscellaneous/other
Landing	Abnormal runway contact (Defining event)
Landing	Attempted remediation/recovery
Landing	Runway excursion
Landing	Loss of control on ground

Pilot Information

Certificate:	Private	Age:	81,Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Center
Other Aircraft Rating(s):	None	Restraint Used:	5-point
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 With waivers/limitations	Last FAA Medical Exam:	June 11, 2018
Occupational Pilot:	No	Last Flight Review or Equivalent:	July 26, 2018
Flight Time:	(Estimated) 3800 hours (Total, all aircraft), 1142 hours (Total, this make and model), 3800 hours (Pilot In Command, all aircraft), 32 hours (Last 90 days, all aircraft), 12 hours (Last 30 days, all aircraft), 7 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Vans	Registration:	N289MM
Model/Series:	VANS RV 8 Undesignat	Aircraft Category:	Airplane
Year of Manufacture:	2006	Amateur Built:	Yes
Airworthiness Certificate:	Experimental (Special)	Serial Number:	81934
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	June 12, 2018 Condition	Certified Max Gross Wt.:	1800 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	1108.5 Hrs as of last inspection	Engine Manufacturer:	Titan
ELT:	C91A installed, activated, did not aid in locating accident	Engine Model/Series:	IO-361A4M
Registered Owner:		Rated Power:	180 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:	KCXP,4699 ft msl	Distance from Accident Site:	1 Nautical Miles
Observation Time:	19:15 Local	Direction from Accident Site:	182°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	9 knots / 20 knots	Turbulence Type Forecast/Actual:	None / None
Wind Direction:	240°	Turbulence Severity Forecast/Actual:	N/A / N/A
Altimeter Setting:		Temperature/Dew Point:	28°C / -17°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Bishop, CA (BIH)	Type of Flight Plan Filed:	None
Destination:	Carson, NV (CXP)	Type of Clearance:	None
Departure Time:	11:00 Local	Type of Airspace:	Class G

Airport Information

Airport:	Carson CXP	Runway Surface Type:	Asphalt
Airport Elevation:	4704 ft msl	Runway Surface Condition:	Dry
Runway Used:	09	IFR Approach:	None
Runway Length/Width:	6101 ft / 75 ft	VFR Approach/Landing:	Full stop

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	39.192222,-119.732498(est)

Administrative Information

Investigator In Charge (IIC):	Nepomuceno, Eleazar
Additional Participating Persons:	Mark Hinzman; FAA; Carson, NV
Original Publish Date:	September 26, 2019
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=98283

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