



Aviation Investigation Final Report

Location:	Moab, Utah	Accident Number:	GAA18CA057
Date & Time:	November 24, 2017, 12:00 Local	Registration:	N666BK
Aircraft:	KARPAYEV VLADYSLAV V RV-9	Aircraft Damage:	Substantial
Defining Event:	Ground collision	Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

According to the pilot in the low-wing, experimental, amateur-built airplane, he landed on a backcountry strip. During the taxi about 15mph, the left wing and the right wing struck separate fence posts. The pilot reported that the fence posts were surrounded by vegetation and not visible. He continued his taxi to parking and shut the engine off.

The airplane sustained substantial damage to the leading edge and the ribs on both wings.

The pilot reported that there were no preaccident mechanical malfunctions or failures 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 selection of an unsuitable taxiway, which resulted in the wings striking hidden fence posts.

Findings

Environmental issues	Fence/fence post - Effect on operation
Personnel issues	Decision making/judgment - Pilot
Environmental issues	(general) - Decision related to condition

Factual Information

History of Flight

Taxi-from runway	Collision with terr/obj (non-CFIT)
Taxi	Ground collision (Defining event)

Pilot Information

Certificate:	Private	Age:	55, 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:	Yes
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Without waivers/limitations	Last FAA Medical Exam:	February 1, 2016
Occupational Pilot:		Last Flight Review or Equivalent:	March 15, 2016
Flight Time:	(Estimated) 5000 hours (Total, all aircraft), 3600 hours (Total, this make and model), 4500 hours (Pilot In Command, all aircraft), 100 hours (Last 90 days, all aircraft), 30 hours (Last 30 days, all aircraft), 6 hours (Last 24 hours, all aircraft)		

Passenger Information

Certificate:		Age:	
Airplane Rating(s):		Seat Occupied:	Right
Other Aircraft Rating(s):		Restraint Used:	4-point
Instrument Rating(s):		Second Pilot Present:	Yes
Instructor Rating(s):		Toxicology Performed:	No
Medical Certification:		Last FAA Medical Exam:	
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:			

Aircraft and Owner/Operator Information

Aircraft Make:	KARPAYEV VLADYSLAV V	Registration:	N666BK
Model/Series:	RV-9 A	Aircraft Category:	Airplane
Year of Manufacture:	2011	Amateur Built:	Yes
Airworthiness Certificate:	Experimental (Special)	Serial Number:	91449
Landing Gear Type:	Tricycle	Seats:	2
Date/Type of Last Inspection:	June 20, 2017 Condition	Certified Max Gross Wt.:	1700 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	3600 Hrs as of last inspection	Engine Manufacturer:	Lycoming
ELT:	C91 installed, not activated	Engine Model/Series:	YO-320-D2G
Registered Owner:	On file	Rated Power:	160 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:	KCNY, 4560 ft msl	Distance from Accident Site:	23 Nautical Miles
Observation Time:	18:53 Local	Direction from Accident Site:	320°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	5 knots / None	Turbulence Type Forecast/Actual:	/ None
Wind Direction:	320°	Turbulence Severity Forecast/Actual:	/ N/A
Altimeter Setting:	30.02 inches Hg	Temperature/Dew Point:	14°C / 1°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Telluride, UT (KTEX)	Type of Flight Plan Filed:	None
Destination:	Moab, UT	Type of Clearance:	None
Departure Time:	10:00 Local	Type of Airspace:	Class G

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	1 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 None	Latitude, Longitude:	38.455276,-109.445556(est)

Administrative Information

Investigator In Charge (IIC):	Hicks, Michael
Additional Participating Persons:	Paula A Behrend; FAA; Salt Lake City, UT
Original Publish Date:	June 14, 2018
Last Revision Date:	
Investigation Class:	Class
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=96374

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