



Aviation Investigation Final Report

Location:	Nenana, Alaska	Accident Number:	WPR20CA232
Date & Time:	July 10, 2020, 17:00 Local	Registration:	N756DJ
Aircraft:	Cessna U206	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	3 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot reported that he was performing a soft field takeoff at a private dirt airstrip with a right crosswind. During the takeoff roll, staying on the left side of the airstrip to clear a known dip, the nosewheel lifted off the ground quickly as expected, however he now had no turning ability. The pilot utilized right rudder input to compensate for the cross wind, but the ground speed was too low and he did not have enough rudder authority to keep the left wing from impacting a parked bulldozer on the side of the airstrip. The airplane's left wing was substantially damaged.

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 directional control during a soft field takeoff on a dirt airstrip, which resulted in an impact with a vehicle.

Findings

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

Factual Information

History of Flight

Takeoff	Loss of control on ground (Defining event)
Takeoff	Collision with terr/obj (non-CFIT)

Pilot Information

Certificate:	Commercial	Age:	37, Male
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Lap only
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 1 Without waivers/limitations	Last FAA Medical Exam:	March 3, 2018
Occupational Pilot:	No	Last Flight Review or Equivalent:	April 30, 2020
Flight Time:	(Estimated) 500 hours (Total, all aircraft), 395 hours (Pilot In Command, all aircraft), 53 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N756DJ
Model/Series:	U206 G	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	U20604005
Landing Gear Type:	Tricycle	Seats:	5
Date/Type of Last Inspection:	May 1, 2020 Annual	Certified Max Gross Wt.:	3100 lbs
Time Since Last Inspection:	633 Hrs	Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	Continental
ELT:	Installed, not activated	Engine Model/Series:	IO-520
Registered Owner:	BIK AIR LLC	Rated Power:	285
Operator:	BIK AIR LLC	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	PANN,362 ft msl	Distance from Accident Site:	37 Nautical Miles
Observation Time:		Direction from Accident Site:	306°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	5 knots / 5 knots	Turbulence Type Forecast/Actual:	None / None
Wind Direction:	90°	Turbulence Severity Forecast/Actual:	N/A / N/A
Altimeter Setting:		Temperature/Dew Point:	18°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Nenana, AK (PVT)	Type of Flight Plan Filed:	None
Destination:	Fairbanks, AK (AK7)	Type of Clearance:	None
Departure Time:		Type of Airspace:	Class G

Airport Information

Airport:	PVT PVT	Runway Surface Type:	Dirt
Airport Elevation:	2000 ft msl	Runway Surface Condition:	Dry;Rough
Runway Used:	360	IFR Approach:	None
Runway Length/Width:	4000 ft / 60 ft	VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	2 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	3 None	Latitude, Longitude:	64.138053,-147.98666(est)

Administrative Information

Investigator In Charge (IIC):	Nepomuceno, Eleazar
Additional Participating Persons:	Christopher Farnell; FAA; Fairbanks, AK
Original Publish Date:	May 6, 2021
Last Revision Date:	
Investigation Class:	Class 4
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=101653

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