



National Transportation Safety Board Aviation Accident Final Report

Location:	Park Valley, UT	Accident Number:	GAA16CA120
Date & Time:	02/02/2016, 1130 MST	Registration:	N8340Z
Aircraft:	CESSNA 210	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	1 Minor, 1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The pilot reported that he was flying over a snow covered dry lake bed and decided to "drag" the left main landing gear to "better assess the surface condition." When the tire touched down, the pilot reported, "Drag rapidly increased and sucked the aircraft down." The pilot attempted to abort the landing by adding full power, but the airplane sunk further into the snow, turned to the right, and nosed over. The fuselage and vertical stabilizer sustained substantial damage.

The pilot reported there were no other 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 decision to drag the left main landing gear on a snow covered dry lake bed, which resulted in a loss of directional control and a nose over during an aborted landing.

Findings

Aircraft	Directional control - Not attained/maintained (Cause)
Personnel issues	Decision making/judgment - Pilot (Cause) Aircraft control - Pilot (Cause)
Environmental issues	Snow/slush/ice covered surface - Decision related to condition

Factual Information

History of Flight

Landing-flare/touchdown	Loss of control on ground (Defining event)
Landing-aborted after touchdown	Nose over/nose down Collision with terr/obj (non-CFIT)

Pilot Information

Certificate:	Airline Transport; Flight Instructor	Age:	43, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	Airplane Single-engine; Instrument Airplane	Toxicology Performed:	No
Medical Certification:	Class 1 Waiver Time Limited Special	Last Medical Exam:	01/15/2016
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	11/13/2015
Flight Time:	(Estimated) 12828 hours (Total, all aircraft), 324 hours (Total, this make and model), 2087 hours (Pilot In Command, all aircraft), 185 hours (Last 90 days, all aircraft), 75 hours (Last 30 days, all aircraft), 1.3 hours (Last 24 hours, all aircraft)		

Pilot-Rated Passenger Information

Certificate:	Private	Age:	64, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Right
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 With Waivers/Limitations	Last Medical Exam:	06/16/2014
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	(Estimated)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	CESSNA	Registration:	N8340Z
Model/Series:	210 5	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	205-0340
Landing Gear Type:	Tricycle	Seats:	6
Date/Type of Last Inspection:	09/12/2015, Annual	Certified Max Gross Wt.:	3300 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	2874 Hours	Engine Manufacturer:	Continental
ELT:	C91 installed, not activated	Engine Model/Series:	IO-470-S
Registered Owner:	On file	Rated Power:	260 hp
Operator:	On file	Air Carrier Operating Certificate:	None

Meteorological Information and Flight Plan

Observation Facility, Elevation:	KBYI, 4154 ft msl	Observation Time:	1831 UTC
Distance from Accident Site:	30 Nautical Miles	Condition of Light:	Day
Direction from Accident Site:	130°	Conditions at Accident Site:	Visual Conditions
Lowest Cloud Condition:		Temperature/Dew Point:	-3° C / -8° C
Lowest Ceiling:	Broken / 1900 ft agl	Visibility	10 Miles
Wind Speed/Gusts, Direction:	7 knots, 280°	Visibility (RVR):	
Altimeter Setting:	30.11 inches Hg	Visibility (RVV):	
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	OGDEN, UT (OGD)	Type of Flight Plan Filed:	None
Destination:	OGDEN, UT (OGD)	Type of Clearance:	None
Departure Time:	1015 MST	Type of Airspace:	Class G

Wreckage and Impact Information

Crew Injuries:	1 Minor, 1 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 Minor, 1 None		

Administrative Information

Investigator In Charge (IIC):	Adam M Gerhardt	Adopted Date:	04/05/2016
Additional Participating Persons:	Dave J Rodda; Salt Lake City FSDO (FAA); Salt Lake City, UT		
Publish Date:	04/05/2016		
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=92692		

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