



Aviation Investigation Final Report

Location:	Diller, Nebraska	Accident Number:	GAA16CA470
Date & Time:	September 7, 2016, 10:00 Local	Registration:	N1928X
Aircraft:	Cessna 182	Aircraft Damage:	Substantial
Defining Event:	Landing area overshoot	Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot reported that he landed on his 2,000-foot private grass airstrip with a slight tailwind shortly after it had rained. The airplane touched down at the mid-point of the airstrip, which was his normal go around point. The pilot further reported that he applied the brakes, but the airplane was not slowing due to the wet grass, so he added full power to abort the landing. The airplane became airborne, cleared some plastic barrels north of the airstrip, but the right wing collided with other farm equipment. The airplane impacted terrain and sustained substantial damage to both wings, the fuselage, and the empennage.

The pilot reported that there were no pre impact mechanical failures or malfunctions with the airframe or engine 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 go around after overshooting his intended touchdown point, which resulted in impact with farm equipment and terrain during an aborted landing attempt.

Findings

Aircraft	Descent/approach/glide path - Not attained/maintained
Personnel issues	Decision making/judgment - Pilot
Environmental issues	Tailwind - Effect on operation
Environmental issues	Wet surface - Effect on operation
Environmental issues	Ground equipment - Contributed to outcome
Environmental issues	Wet/muddy terrain - Contributed to outcome
Aircraft	Surface speed/braking - Attain/maintain not possible

Factual Information

History of Flight

Landing	Landing area overshoot (Defining event)
Landing	Loss of control on ground
Landing	Miscellaneous/other
Landing-aborted after touchdown	Abrupt maneuver
Landing-aborted after touchdown	Collision with terr/obj (non-CFIT)
Landing-aborted after touchdown	Part(s) separation from AC
Landing-aborted after touchdown	Nose over/nose down

Pilot Information

Certificate:	Private	Age:	42,Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	4-point
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Without waivers/limitations	Last FAA Medical Exam:	December 4, 2015
Occupational Pilot:	No	Last Flight Review or Equivalent:	June 13, 2015
Flight Time:	(Estimated) 453 hours (Total, all aircraft), 360 hours (Total, this make and model), 394 hours (Pilot In Command, all aircraft), 14 hours (Last 90 days, all aircraft), 6 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N1928X
Model/Series:	182 H	Aircraft Category:	Airplane
Year of Manufacture:	1965	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	18256028
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	July 27, 2016 Annual	Certified Max Gross Wt.:	2800 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	4384 Hrs as of last inspection	Engine Manufacturer:	Continental
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	O-470R25B
Registered Owner:		Rated Power:	230 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:	KBIE, 1324 ft msl	Distance from Accident Site:	14 Nautical Miles
Observation Time:	14:55 Local	Direction from Accident Site:	36°
Lowest Cloud Condition:	Scattered / 2600 ft AGL	Visibility	7 miles
Lowest Ceiling:	Broken / 10000 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	3 knots /	Turbulence Type Forecast/Actual:	/ None
Wind Direction:	90°	Turbulence Severity Forecast/Actual:	/ N/A
Altimeter Setting:	29.95 inches Hg	Temperature/Dew Point:	22°C / 22°C
Precipitation and Obscuration:	Light - None - Rain		
Departure Point:	FAIRBURY, NE (FBY)	Type of Flight Plan Filed:	None
Destination:	Diller, NE (PVT)	Type of Clearance:	None
Departure Time:	09:50 Local	Type of Airspace:	Class G

Airport Information

Airport:	Lottman PVT Airstrip PVT	Runway Surface Type:	Grass/turf
Airport Elevation:	1420 ft msl	Runway Surface Condition:	Wet
Runway Used:	36	IFR Approach:	None
Runway Length/Width:	2000 ft / 60 ft	VFR Approach/Landing:	Go around;Traffic pattern

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:	40.109722,-96.934448(est)

Administrative Information

Investigator In Charge (IIC):	Swenson, Eric
Additional Participating Persons:	Jeremy J Kraemer; FAA; Lincoln, NE
Original Publish Date:	December 5, 2016
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=93967

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