



# National Transportation Safety Board Aviation Accident Final Report

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<b>Location:</b>	Hawley, MN	<b>Accident Number:</b>	CEN20CA101
<b>Date &amp; Time:</b>	02/22/2020, 1550 CST	<b>Registration:</b>	N550FK
<b>Aircraft:</b>	Cessna A185	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Loss of control on ground	<b>Injuries:</b>	2 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

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## Analysis

The pilot reported that, while on the base leg, he decided to perform a three-point landing with "2 notches of flaps." During the landing flare, the pilot realized the airplane was a "bit high," so he moved the flaps to the fourth notch to avoid bouncing during the landing. The tailwheel touched down first, and the airplane then bounced on its main landing gear and drifted right. The pilot attempted to correct by adding power and initiating a go-around, but the right main landing gear contacted a snowbank on the edge of the runway, and the airplane ground looped and then came to rest on its nose. The airplane sustained substantial damage to the left wing. 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 improper landing flare and touchdown, which resulted in a bounced landing and loss of directional control and the airplane's subsequent impact with a snowbank and ground loop during an attempted go-around.

## Findings

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<b>Aircraft</b>	Landing flare - Not attained/maintained (Cause) Directional control - Not attained/maintained (Cause)
<b>Personnel issues</b>	Aircraft control - Pilot (Cause)
<b>Environmental issues</b>	Snow/ice - Effect on operation (Cause)

## Factual Information

### History of Flight

<b>Landing-flare/touchdown</b>	Abnormal runway contact Loss of control on ground (Defining event) Collision with terr/obj (non-CFIT) Attempted remediation/recovery Collision during takeoff/land
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### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	69, Male
<b>Airplane Rating(s):</b>	Single-engine Land; Single-engine Sea	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	BasicMed With Waivers/Limitations	<b>Last FAA Medical Exam:</b>	07/25/2019
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	06/20/2018
<b>Flight Time:</b>	1738 hours (Total, all aircraft), 516 hours (Total, this make and model), 1563 hours (Pilot In Command, all aircraft), 18 hours (Last 90 days, all aircraft), 10 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Cessna	<b>Registration:</b>	N550FK
<b>Model/Series:</b>	A185 F	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>	1977	<b>Amateur Built:</b>	No
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	18503229
<b>Landing Gear Type:</b>	Tailwheel	<b>Seats:</b>	4
<b>Date/Type of Last Inspection:</b>	08/02/2019, Annual	<b>Certified Max Gross Wt.:</b>	3525 lbs
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	5078 Hours at time of accident	<b>Engine Manufacturer:</b>	Continental
<b>ELT:</b>	C91 installed, not activated	<b>Engine Model/Series:</b>	IO-550-D15B
<b>Registered Owner:</b>	38884 LLC	<b>Rated Power:</b>	300 hp
<b>Operator:</b>	On file	<b>Operating Certificate(s) Held:</b>	None

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:		Distance from Accident Site:	
Observation Time:		Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	10 Miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	5 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	220°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29.77 inches Hg	Temperature/Dew Point:	
Precipitation and Obscuration:	No Precipitation		
Departure Point:	Detroit Lakes, MN (DTL)	Type of Flight Plan Filed:	None
Destination:	Hawley, MN (04Y)	Type of Clearance:	None
Departure Time:	1530 CST	Type of Airspace:	Class E

## Airport Information

Airport:	Hawley Municipal Airport (04Y)	Runway Surface Type:	Asphalt
Airport Elevation:	1210 ft	Runway Surface Condition:	Dry
Runway Used:	16	IFR Approach:	None
Runway Length/Width:	3398 ft / 75 ft	VFR Approach/Landing:	Stop and Go; Traffic Pattern

## 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:	46.884167, -96.350556 (est)

## Administrative Information

Investigator In Charge (IIC):	Aaron M Sauer	Report Date:	08/27/2020
Additional Participating Persons:	Perry Ochsner; FAA; Fargo, ND		
Publish Date:	08/27/2020		
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	<a href="http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=100986">http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=100986</a>		

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