



National Transportation Safety Board Aviation Accident Factual Report

Location:	Butte, MT	Accident Number:	WPR20CA173
Date & Time:	06/02/2020, 1630 MDT	Registration:	N8282A
Aircraft:	Cessna 170	Aircraft Damage:	Substantial
Defining Event:	Loss of control in flight	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

The pilot of the tailwheel equipped airplane reported that during landing with about a 7 knot headwind, just as the airplane was touching down, a "wind event" (turbulence) lifted the airplane airborne. The pilot added power, but the airplane subsequently touched down hard in a 3-point attitude. The lower fuselage was substantially damaged.

The pilot reported that there were no preaccident mechanical failures or malfunctions with the airplane that would have precluded normal operation.

Pilot Information

Certificate:	Commercial	Age:	61, Male
Airplane Rating(s):	Single-engine Land; Single-engine Sea	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	Airplane Single-engine	Toxicology Performed:	No
Medical Certification:	Class 2 With Waivers/Limitations	Last FAA Medical Exam:	09/23/2019
Occupational Pilot:	No	Last Flight Review or Equivalent:	04/23/2019
Flight Time:	(Estimated) 2422 hours (Total, all aircraft), 19 hours (Total, this make and model), 2350 hours (Pilot In Command, all aircraft), 20 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N8282A
Model/Series:	170 B	Aircraft Category:	Airplane
Year of Manufacture:	1952	Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	25134
Landing Gear Type:	Tailwheel	Seats:	4
Date/Type of Last Inspection:	05/01/2020, Annual	Certified Max Gross Wt.:	2200 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	3800 Hours as of last inspection	Engine Manufacturer:	Continental
ELT:	Installed, not activated	Engine Model/Series:	C145
Registered Owner:	On file	Rated Power:	145 hp
Operator:	On file	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	KBTM, 5533 ft msl	Distance from Accident Site:	1 Nautical Miles
Observation Time:	2253 UTC	Direction from Accident Site:	347°
Lowest Cloud Condition:	Clear	Visibility	10 Miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	7 knots /	Turbulence Type Forecast/Actual:	None / None
Wind Direction:	330°	Turbulence Severity Forecast/Actual:	N/A / N/A
Altimeter Setting:	30.13 inches Hg	Temperature/Dew Point:	23° C / -6° C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Sheridan, WY (SHR)	Type of Flight Plan Filed:	None
Destination:	Butte, MT (BTM)	Type of Clearance:	None
Departure Time:	1400 MDT	Type of Airspace:	Class E

Airport Information

Airport:	Bert Mooney (BTM)	Runway Surface Type:	Asphalt
Airport Elevation:	5550 ft	Runway Surface Condition:	Dry
Runway Used:	33	IFR Approach:	None
Runway Length/Width:	9000 ft / 150 ft	VFR Approach/Landing:	Full Stop

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	45.954722, -112.497500 (est)

Administrative Information

Investigator In Charge (IIC):	Eleazar Nepomuceno
Additional Participating Persons:	Troy Meskimen; FAA; Helena, MT
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=101407