



Aviation Investigation Final Report

Location:	Pocatello, Idaho	Accident Number:	WPR13CA341
Date & Time:	July 25, 2013, 11:27 Local	Registration:	N31YH
Aircraft:	Cessna A185F	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot reported that during the landing with a gusting crosswind and a wind shift to a quartering tailwind, the airplane's right wing lifted up after he had lowered the tail to the runway. He applied corrective control inputs, however, the airplane yawed sideways causing the left landing gear to collapse and substantial damage to the left wing. The pilot reported no preimpact mechanical malfunctions or failures 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 landing with gusting wind and a quartering tailwind.

Findings

Aircraft	Directional control - Not attained/maintained
Personnel issues	Aircraft control - Pilot
Environmental issues	Gusts - Not specified
Environmental issues	Tailwind - Not specified

Factual Information

History of Flight

Landing-flare/touchdown	Loss of control on ground (Defining event)
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Pilot Information

Certificate:	Commercial	Age:	58
Airplane Rating(s):	Single-engine land; Single-engine sea; Multi-engine land; Multi-engine sea	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Without waivers/limitations	Last FAA Medical Exam:	January 30, 2013
Occupational Pilot:	No	Last Flight Review or Equivalent:	November 20, 2011
Flight Time:	(Estimated) 1220 hours (Total, all aircraft), 999 hours (Total, this make and model), 12 hours (Last 90 days, all aircraft), 9 hours (Last 30 days, all aircraft), 4 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N31YH
Model/Series:	A185F	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	18504258
Landing Gear Type:	Tailwheel	Seats:	6
Date/Type of Last Inspection:	November 4, 2011 Annual	Certified Max Gross Wt.:	3500 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	4329 Hrs as of last inspection	Engine Manufacturer:	CONT MOTOR
ELT:	Installed	Engine Model/Series:	IO 520 SERIES
Registered Owner:	MATHEWS NICHOLAS A	Rated Power:	285 Horsepower
Operator:	MATHEWS NICHOLAS A	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	KPIH,4452 ft msl	Distance from Accident Site:	
Observation Time:	11:53 Local	Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	Overcast / 11000 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	8 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	260°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.15 inches Hg	Temperature/Dew Point:	26°C / 6°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Lodi, CA (KO20)	Type of Flight Plan Filed:	None
Destination:	Pocatello, ID (KPIH)	Type of Clearance:	VFR
Departure Time:	07:30 Local	Type of Airspace:	

Airport Information

Airport:	Pocatello Regional Airport KPIH	Runway Surface Type:	Asphalt
Airport Elevation:	4452 ft msl	Runway Surface Condition:	Dry
Runway Used:	21	IFR Approach:	None
Runway Length/Width:	9060 ft / 150 ft	VFR Approach/Landing:	

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:	42.909721,-112.595832(est)

Administrative Information

Investigator In Charge (IIC): McKenny, Van

Additional Participating Persons: Matt Green; Federal Aviation Administration; Salt Lake City, UT

Original Publish Date: November 19, 2013

Last Revision Date:

Investigation Class: [Class](#)

Note: This accident report documents the factual circumstances of this accident as described to the NTSB.

Investigation Docket: <https://data.nts.gov/Docket?ProjectID=87583>

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