



Aviation Investigation Final Report

Location:	Craigmont, Idaho	Accident Number:	WPR10LA472
Date & Time:	September 3, 2010, 10:30 Local	Registration:	N9980J
Aircraft:	Cessna T188C	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	1 None
Flight Conducted Under:	Part 137: Agricultural		

Analysis

The pilot reported that everything was normal after touchdown until the tailwheel contacted the ground and began to shimmy. The pilot was unable to maintain directional control, and the airplane subsequently veered toward the side and off the runway surface onto the grass. The airplane ground looped, and the right wing contacted the surface. Postaccident examination of the airplane did not identify any anomalies that would have precluded normal operation of the airplane.

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 the landing roll.

Findings

Aircraft	Directional control - Not attained/maintained
Personnel issues	Aircraft control - Pilot

Factual Information

History of Flight

Landing-landing roll	Loss of control on ground (Defining event)
Landing-landing roll	Collision with terr/obj (non-CFIT)

On September 3, 2010, at 1030 Pacific daylight time, a Cessna T188C, N9980J, ground looped during landing at Craigmont, Idaho. CJA Aviation was operating the airplane under the provisions of 14 Code of Federal Regulations (CFR) Part 137. The commercial pilot was not injured. The airplane sustained substantial damage to the right wing. The local aerial application flight departed Craigmont about 0930. Visual meteorological conditions prevailed, and no flight plan had been filed.

The pilot stated that he was returning to his home base after completing his third aerial application flight of the day. The landing appeared normal until the tail wheel touched the ground and it began to shimmy. The pilot reported that he was unable to maintain directional control, and the airplane veered toward the side of the runway. When the tail wheel contacted the grass, the airplane ground looped. The right wing sustained substantial damage when it contacted the ground.

The pilot stated that he had felt a similar shimmy on one previous occasion.

A Federal Aviation Administration inspector examined the airframe and did not detect any anomalies.

Pilot Information

Certificate:	Commercial	Age:	27, Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 2 Without waivers/limitations	Last FAA Medical Exam:	November 6, 2009
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	March 26, 2010
Flight Time:	413 hours (Total, all aircraft), 20 hours (Total, this make and model), 50 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N9980J
Model/Series:	T188C	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Restricted (Special)	Serial Number:	T18803909T
Landing Gear Type:	Tailwheel	Seats:	1
Date/Type of Last Inspection:		Certified Max Gross Wt.:	
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	3950 Hrs	Engine Manufacturer:	Teledyne Continental Motors
ELT:		Engine Model/Series:	TSIO-520
Registered Owner:	CJA Aviation	Rated Power:	300 Horsepower
Operator:	CJA Aviation	Operating Certificate(s) Held:	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	KPUW	Distance from Accident Site:	
Observation Time:	09:53 Local	Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	10 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	110°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.07 inches Hg	Temperature/Dew Point:	21°C / 7°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Craigmont, ID (S89)	Type of Flight Plan Filed:	None
Destination:	Craigmont, ID (S89)	Type of Clearance:	None
Departure Time:	09:30 Local	Type of Airspace:	

Airport Information

Airport:	Craigmont S89	Runway Surface Type:	Asphalt
Airport Elevation:	3805 ft msl	Runway Surface Condition:	Dry
Runway Used:	25	IFR Approach:	None
Runway Length/Width:	2800 ft / 50 ft	VFR Approach/Landing:	Full stop

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:	46.247776,-116.479446(est)

Administrative Information

Investigator In Charge (IIC):	Plagens, Howard
Additional Participating Persons:	Jim Benning; FAA FSDO; Spokane, WA
Original Publish Date:	January 17, 2012
Last Revision Date:	
Investigation Class:	Class
Note:	
Investigation Docket:	https://data.ntsb.gov/Docket?ProjectID=77415

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