



Aviation Investigation Final Report

Location:	Burnet, Texas	Accident Number:	CEN09CA246
Date & Time:	April 9, 2009, 16:40 Local	Registration:	N4495C
Aircraft:	Cessna 195	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

When the pilot approached his destination airport, the winds were reported to be from 280 degrees at 15 knots, gusting to 27 knots with peak winds of 32 knots recorded near the time of the accident. The pilot performed a go-around on the first attempt to land on runway 1. After increasing the intended landing speed by 15 knots, the pilot performed a "normal wheel landing" in his tailwheel-equipped airplane. On roll out, the airplane drifted left and the pilot was unable to correct the direction with ailerons and rudder. The pilot attempted to increase control authority by lowering the tailwheel, but was unable to maintain aircraft control. The airplane ground-looped and departed the right side of the runway. The left gear sheared from the fuselage and the airplane came to rest in a grassy area between the runway and taxiway, where it sustained substantial damage to the gear box, left wing, and left aileron.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's inadequate compensation for the gusting crosswinds during landing.

Findings

Aircraft	Directional control - Not attained/maintained
Personnel issues	Aircraft control - Pilot
Environmental issues	Crosswind - Response/compensation

Factual Information

History of Flight

Landing-landing roll	Other weather encounter
Landing-landing roll	Loss of control on ground (Defining event)
Landing-landing roll	Runway excursion

Pilot Information

Certificate:	Airline transport; Flight engineer	Age:	57, Male
Airplane Rating(s):	Multi-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	Instrument airplane	Toxicology Performed:	No
Medical Certification:	None	Last FAA Medical Exam:	December 7, 2006
Occupational Pilot:	UNK	Last Flight Review or Equivalent:	April 21, 2007
Flight Time:	24951 hours (Total, all aircraft), 234 hours (Total, this make and model), 21929 hours (Pilot In Command, all aircraft), 7 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N4495C
Model/Series:	195 B	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Unknown	Serial Number:	16079
Landing Gear Type:	Tailwheel	Seats:	5
Date/Type of Last Inspection:	September 15, 2008 Annual	Certified Max Gross Wt.:	3350 lbs
Time Since Last Inspection:	50 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	4379 Hrs at time of accident	Engine Manufacturer:	Jacobs
ELT:	Installed, not activated	Engine Model/Series:	R755-B2
Registered Owner:	On file	Rated Power:	275 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:	BMQ	Distance from Accident Site:	1 Nautical Miles
Observation Time:	14:53 Local	Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	15 knots / 27 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:	280°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	33°C / -1°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Spicewood, TX (88R)	Type of Flight Plan Filed:	None
Destination:	Burnet, TX (BMQ)	Type of Clearance:	None
Departure Time:	16:20 Local	Type of Airspace:	

Airport Information

Airport:	Burnet Municipal Airport BMQ	Runway Surface Type:	Asphalt
Airport Elevation:	1284 ft msl	Runway Surface Condition:	Dry
Runway Used:	01	IFR Approach:	None
Runway Length/Width:	5000 ft / 75 ft	VFR Approach/Landing:	Full stop

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:	30.738889,-98.238609(est)

Administrative Information

Investigator In Charge (IIC):	Aguilera, Jason
Additional Participating Persons:	Robert J O'Keefe; FAA FSDO; Houston, TX
Original Publish Date:	July 14, 2009
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.ntsb.gov/Docket?ProjectID=73644

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