



Aviation Investigation Final Report

Location:	Fort Worth, Texas	Accident Number:	CEN12CA190
Date & Time:	March 17, 2012, 15:50 Local	Registration:	N185GS
Aircraft:	Cessna A185F	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	3 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot reported that he landed the tailwheel-equipped airplane on the centerline of runway 14. He maintained the airplane on the centerline during the landing roll until a gust of wind caused the airplane to veer to the right. The pilot applied full left rudder and full left brake, but the airplane continued to veer off the right side of the runway. The left gear collapsed when it struck the grass on the side of the runway. The airplane sustained substantial damage to the left wing and the left horizontal stabilizer. The pilot reported that the wind was 170 degrees at 16 knots with gusts up to 25 knots.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot did not maintain directional control of the airplane while landing in gusty wind conditions.

Findings

Aircraft	Directional control - Not attained/maintained
Personnel issues	Incorrect action performance - Pilot
Environmental issues	Crosswind - Contributed to outcome
Environmental issues	Gusts - Contributed to outcome

Factual Information

History of Flight

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

Pilot Information

Certificate:	Commercial	Age:	57, Male
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	Airplane multi-engine; Airplane single-engine; Instrument airplane	Toxicology Performed:	No
Medical Certification:	Class 2 Without waivers/limitations	Last FAA Medical Exam:	July 6, 2011
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	8550 hours (Total, all aircraft), 750 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N185GS
Model/Series:	A185F	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	18503646
Landing Gear Type:	Tailwheel	Seats:	6
Date/Type of Last Inspection:	July 1, 2011 Annual	Certified Max Gross Wt.:	3350 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	1565 Hrs at time of accident	Engine Manufacturer:	CONT MOTOR
ELT:		Engine Model/Series:	IO-520-D
Registered Owner:	SMITH WILLIAM G SR	Rated Power:	285 Horsepower
Operator:	SMITH WILLIAM G SR	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	AFW ,722 ft msl	Distance from Accident Site:	6 Nautical Miles
Observation Time:	17:53 Local	Direction from Accident Site:	60°
Lowest Cloud Condition:	Few	Visibility	10 miles
Lowest Ceiling:	Broken / 3500 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	16 knots / 25 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:	170°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	21°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Paris, TX (PRX)	Type of Flight Plan Filed:	None
Destination:	Fort Worth, TX (T67)	Type of Clearance:	Traffic advisory
Departure Time:	17:15 Local	Type of Airspace:	

Airport Information

Airport:	Hicks Airfield T67	Runway Surface Type:	Asphalt
Airport Elevation:		Runway Surface Condition:	Dry
Runway Used:	14	IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	2 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	3 None	Latitude, Longitude:	32.93111,-97.411666(est)

Administrative Information

Investigator In Charge (IIC):	Silliman, James
Additional Participating Persons:	Richard Cobb; FAA Fort Worth FSDO; Fort Worth , TX
Original Publish Date:	April 24, 2012
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=83160

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