



Aviation Investigation Final Report

Location:	Alton, Illinois	Accident Number:	CEN09CA081
Date & Time:	December 5, 2008, 09:45 Local	Registration:	N185KS
Aircraft:	Cessna A185F	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The tailwheel-equipped airplane was landing with a left crosswind. While rolling out, the airplane veered to the right and the pilot attempted to correct with aileron, rudder, and then brake. The pilot stated that when left braking was applied, the airplane nosed forward and the left wingtip and propeller contacted the ground. He stated that the airplane then nosed over. The pilot reported no mechanical malfunction 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 compensate for the crosswind during landing, resulting in loss of control of the aircraft and the subsequent nose-over of the airplane. Contributing to the accident was the crosswind.

Findings

Aircraft	(general) - Not attained/maintained
Personnel issues	Aircraft control - Pilot
Environmental issues	Crosswind - Response/compensation

Factual Information

History of Flight

Landing-landing roll	Loss of control on ground (Defining event)
Landing-landing roll	Nose over/nose down

Pilot Information

Certificate:	Airline transport	Age:	64, Male
Airplane Rating(s):	Single-engine land; Single-engine sea; Multi-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	Helicopter	Restraint Used:	
Instrument Rating(s):	Airplane; Helicopter	Second Pilot Present:	No
Instructor Rating(s):	Airplane multi-engine; Airplane single-engine; Helicopter; Instrument airplane; Instrument helicopter	Toxicology Performed:	No
Medical Certification:	Class 2 With waivers/limitations	Last FAA Medical Exam:	November 10, 2008
Occupational Pilot:	No	Last Flight Review or Equivalent:	November 18, 2008
Flight Time:	9700 hours (Total, all aircraft), 182 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N185KS
Model/Series:	A185F	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	18502366
Landing Gear Type:	Tailwheel	Seats:	4
Date/Type of Last Inspection:	January 20, 2008 Annual	Certified Max Gross Wt.:	3550 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	3279 Hrs as of last inspection	Engine Manufacturer:	CONT MOTOR
ELT:	Installed, not activated	Engine Model/Series:	IO 520 SERIES
Registered Owner:	On file	Rated Power:	300 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:	ALN,544 ft msl	Distance from Accident Site:	
Observation Time:	09:48 Local	Direction from Accident Site:	
Lowest Cloud Condition:	Few / 4000 ft AGL	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	7 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	300°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.52 inches Hg	Temperature/Dew Point:	-5°C / -12°C
Precipitation and Obscuration:			
Departure Point:	Springfield, IL (SPI)	Type of Flight Plan Filed:	None
Destination:	Alton, IL (ALN)	Type of Clearance:	None
Departure Time:	10:00 Local	Type of Airspace:	

Airport Information

Airport:	St Louis Regional Airport ALN	Runway Surface Type:	Concrete
Airport Elevation:	544 ft msl	Runway Surface Condition:	Dry
Runway Used:	29	IFR Approach:	None
Runway Length/Width:	8101 ft	VFR Approach/Landing:	Traffic pattern

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:	38.890277,-90.046112

Administrative Information

Investigator In Charge (IIC):	Brannen, John
Additional Participating Persons:	Derek Dunmier; FAA-St. Louis FSDO; St. Louis, MO
Original Publish Date:	February 25, 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.nts.gov/Docket?ProjectID=69532

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