



National Transportation Safety Board Aviation Accident Final Report

Location:	Alton, IL	Accident Number:	CEN09CA081
Date & Time:	12/05/2008, 0945 CST	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	Performance/control parameters - Not attained/maintained (Cause)
Personnel issues	Aircraft control - Pilot (Cause)
Environmental issues	Crosswind - Response/compensation (Factor)

Factual Information

History of Flight

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

Certificate:	Airline Transport	Age:	64, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land; Single-engine Sea	Seat Occupied:	Left
Other Aircraft Rating(s):	Helicopter	Restraint Used:	Seatbelt, Shoulder harness
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 Medical Exam:	11/10/2008
Occupational Pilot:	No	Last Flight Review or Equivalent:	11/18/2008
Flight Time:	9700 hours (Total, all aircraft), 182 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	CESSNA	Registration:	N185KS
Model/Series:	A185F	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	18502366
Landing Gear Type:	Tailwheel	Seats:	4
Date/Type of Last Inspection:	01/20/2008, Annual	Certified Max Gross Wt.:	3550 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	3279 Hours	Engine Manufacturer:	CONT MOTOR
ELT:	Installed, not activated	Engine Model/Series:	IO 520 SERIES
Registered Owner:	On file	Rated Power:	300 hp
Operator:	On file	Air Carrier Operating Certificate:	None

Meteorological Information and Flight Plan

Observation Facility, Elevation:	ALN, 544 ft msl	Observation Time:	0948 CST
Distance from Accident Site:		Condition of Light:	Day
Direction from Accident Site:		Conditions at Accident Site:	Visual Conditions
Lowest Cloud Condition:	Few / 4000 ft agl	Temperature/Dew Point:	-5° C / -12° C
Lowest Ceiling:	None	Visibility	10 Miles
Wind Speed/Gusts, Direction:	7 knots, 300°	Visibility (RVR):	
Altimeter Setting:	30.52 inches Hg	Visibility (RVV):	
Precipitation and Obscuration:			
Departure Point:	Springfield, IL (SPI)	Type of Flight Plan Filed:	None
Destination:	Alton, IL (ALN)	Type of Clearance:	None
Departure Time:	1000 CST	Type of Airspace:	

Airport Information

Airport:	St Louis Regional Airport (ALN)	Runway Surface Type:	Concrete
Airport Elevation:	544 ft	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		

Administrative Information

Investigator In Charge (IIC):	John M Brannen	Adopted Date:	02/25/2009
Additional Participating Persons:	Derek Dunmier; FAA-St. Louis FSDO; St. Louis, MO		
Publish Date:	02/25/2009		
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	NTSB accident and incident dockets serve as permanent archival information for the NTSB's investigations. Dockets released prior to June 1, 2009 are publicly available from the NTSB's Record Management Division at pubinq@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

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