



Aviation Investigation Final Report

Location:	London, Kentucky	Accident Number:	GAA18CA532
Date & Time:	September 3, 2018, 20:00 Local	Registration:	N230DE
Aircraft:	Cessna 206	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot reported that, during a touch-and-go landing, just after the airplane touched down, he reduced the flaps to 10° and applied full throttle for takeoff. While increasing airspeed, the airplane drifted left. He added right rudder, but the airplane continued to drift left, so he reduced engine power. The airplane then exited the left side of the runway, and the pilot briefly applied full throttle to cross a drainage ditch, and the airplane became airborne. Subsequently, when the airplane touched back down, the front landing gear separated from the airframe, and the airplane came to rest nose down.

The airplane sustained substantial damage to the right wing and fuselage.

The pilot reported that there were no preaccident mechanical failures or malfunctions with the airplane that would have precluded normal operation.

The automated weather observation system at the airport reported that, about the time of the accident, the wind was from 100° at 3 knots. The pilot was performing a touch-and-go landing on runway 24.

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 takeoff with a tailwind.

Findings

Aircraft	Directional control - Not attained/maintained
Personnel issues	Aircraft control - Pilot
Environmental issues	Sloped/uneven terrain - Effect on equipment
Environmental issues	Tailwind - Effect on operation

Factual Information

History of Flight

Takeoff	Loss of control on ground (Defining event)
Takeoff	Attempted remediation/recovery
Takeoff	Runway excursion
Takeoff	Part(s) separation from AC

Pilot Information

Certificate:	Private	Age:	55,Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	3-point
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Without waivers/limitations	Last FAA Medical Exam:	November 29, 2016
Occupational Pilot:	No	Last Flight Review or Equivalent:	September 25, 2017
Flight Time:	(Estimated) 204 hours (Total, all aircraft), 132 hours (Total, this make and model), 138 hours (Pilot In Command, all aircraft), 9 hours (Last 90 days, all aircraft), 1.6 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N230DE
Model/Series:	206 H	Aircraft Category:	Airplane
Year of Manufacture:	2005	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	20608252
Landing Gear Type:	Tricycle	Seats:	6
Date/Type of Last Inspection:	April 9, 2018 Annual	Certified Max Gross Wt.:	3600 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	7651 Hrs at time of accident	Engine Manufacturer:	Lycoming
ELT:	C126 installed, activated, did not aid in locating accident	Engine Model/Series:	IO-540-ACIAS
Registered Owner:		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:	Dusk
Observation Facility, Elevation:	KLOZ, 1211 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	23:53 Local	Direction from Accident Site:	236°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	3 knots /	Turbulence Type Forecast/Actual:	None / None
Wind Direction:	100°	Turbulence Severity Forecast/Actual:	N/A / N/A
Altimeter Setting:	30.23 inches Hg	Temperature/Dew Point:	27°C / 21°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	London, KY (LOZ)	Type of Flight Plan Filed:	None
Destination:	London, KY (LOZ)	Type of Clearance:	None
Departure Time:	20:00 Local	Type of Airspace:	Class E

Airport Information

Airport:	LONDON-CORBIN ARPT-MAGEE FIELD LOZ	Runway Surface Type:	Asphalt
Airport Elevation:	1212 ft msl	Runway Surface Condition:	Dry
Runway Used:	24	IFR Approach:	None
Runway Length/Width:	5751 ft / 150 ft	VFR Approach/Landing:	Touch and go

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:	37.087776,-84.075553(est)

Administrative Information

Investigator In Charge (IIC):	Swenson, Eric
Additional Participating Persons:	Sidney W Villines; FAA; Louisville, KY
Original Publish Date:	March 18, 2019
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=98243

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