



# Aviation Investigation Final Report

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<b>Location:</b>	Patterson, Louisiana	<b>Accident Number:</b>	CEN09CA272
<b>Date &amp; Time:</b>	April 29, 2009, 17:00 Local	<b>Registration:</b>	N4603E
<b>Aircraft:</b>	Cessna A185F	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Aerodynamic stall/spin	<b>Injuries:</b>	2 Minor
<b>Flight Conducted Under:</b>	Part 91: General aviation - Executive/Corporate		

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## Analysis

The single-engine float plane was unable to maintain a climb after takeoff from a canal. The commercial pilot reported that after climbing to about 200 feet, he "felt like the aircraft was slowly losing power...and was starting to descend." The only available landing area was a canal that was located 90 degrees off the left side of the airplane. The pilot elected to turn left, and estimated that while in a 30-degree angle of bank the airplane "stalled." The pilot was able to get the wings level prior to touchdown. The airplane impacted the water in a nose-down attitude and immediately nosed over and came to rest in an inverted position. The float landing gear separated from the fuselage during the impact and the airplane subsequently sank. The pilot and his passenger received minor injuries. The reason for the reported loss of power was not determined.

## 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 adequate airspeed in a turn while attempting to return to land, which resulted in an aerodynamic stall. Contributing to the accident was the reported loss of engine power for undetermined reasons.

## Findings

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<b>Aircraft</b>	Climb rate - Not attained/maintained
<b>Personnel issues</b>	Aircraft control - Pilot
<b>Aircraft</b>	Airspeed - Not attained/maintained
<b>Aircraft</b>	(general) - Related operating info

## Factual Information

### History of Flight

<b>Initial climb</b>	Loss of engine power (partial)
<b>Takeoff</b>	Abrupt maneuver
<b>Takeoff</b>	Loss of control in flight
<b>Maneuvering</b>	Aerodynamic stall/spin (Defining event)
<b>Takeoff</b>	Nose over/nose down

### Pilot Information

<b>Certificate:</b>	Airline transport; Commercial	<b>Age:</b>	52, Male
<b>Airplane Rating(s):</b>	Single-engine land; Single-engine sea; Multi-engine land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	Airplane	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 2 Without waivers/limitations	<b>Last FAA Medical Exam:</b>	January 28, 2009
<b>Occupational Pilot:</b>	Yes	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	10000 hours (Total, all aircraft), 2000 hours (Total, this make and model), 9000 hours (Pilot In Command, all aircraft), 30 hours (Last 90 days, all aircraft), 15 hours (Last 30 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Cessna	<b>Registration:</b>	N4603E
<b>Model/Series:</b>	A185F	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	18503811
<b>Landing Gear Type:</b>	Tailwheel; Amphibian	<b>Seats:</b>	6
<b>Date/Type of Last Inspection:</b>	July 9, 2008 Annual	<b>Certified Max Gross Wt.:</b>	
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	8111 Hrs as of last inspection	<b>Engine Manufacturer:</b>	CONT MOTOR
<b>ELT:</b>	Installed, not activated	<b>Engine Model/Series:</b>	IO 520 SERIES
<b>Registered Owner:</b>	NMA INVESTMENTS LLC	<b>Rated Power:</b>	285 Horsepower
<b>Operator:</b>	NMA INVESTMENTS LLC	<b>Operating Certificate(s) Held:</b>	None
<b>Operator Does Business As:</b>	JADCO, LLC	<b>Operator Designator Code:</b>	

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	KPTN, 9 ft msl	<b>Distance from Accident Site:</b>	10 Nautical Miles
<b>Observation Time:</b>	16:55 Local	<b>Direction from Accident Site:</b>	30°
<b>Lowest Cloud Condition:</b>	Clear	<b>Visibility</b>	10 miles
<b>Lowest Ceiling:</b>	None	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	11 knots /	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	140°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	30.13 inches Hg	<b>Temperature/Dew Point:</b>	27°C / 17°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	Patterson, LA (KPTN)	<b>Type of Flight Plan Filed:</b>	Unknown
<b>Destination:</b>	Patterson, LA (KPTN)	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	14:00 Local	<b>Type of Airspace:</b>	

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 Minor	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	1 Minor	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	2 Minor	<b>Latitude, Longitude:</b>	29.604444,-91.473052(est)

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Gamble, William
<b>Additional Participating Persons:</b>	Robert D Hardwick
<b>Original Publish Date:</b>	July 28, 2009
<b>Last Revision Date:</b>	
<b>Investigation Class:</b>	<a href="#">Class</a>
<b>Note:</b>	This accident report documents the factual circumstances of this accident as described to the NTSB.
<b>Investigation Docket:</b>	<a href="https://data.nts.gov/Docket?ProjectID=73756">https://data.nts.gov/Docket?ProjectID=73756</a>

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