



# Aviation Investigation Final Report

<b>Location:</b>	OZARK, Alabama	<b>Accident Number:</b>	ATL85LA004
<b>Date &amp; Time:</b>	October 9, 1984, 17:00 Local	<b>Registration:</b>	N5065Z
<b>Aircraft:</b>	BELLANCA 7GCBC	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 Minor
<b>Flight Conducted Under:</b>	Part 91: General aviation - Instructional		

## Analysis

THE STUDENT PLT WAS ON HER FOURTH SUPERVISED SOLO FLT. DURING THE GROUND ROLL OF HER FOURTH LANDING THE ACFT STARTED TO GO LEFT OF THE RWY CENTERLINE. THE PLT SAID SHE OVER CORRECTED TWICE AND ENDED UP HEADING OFF THE RWY TOWARD A DITCH. IN AN ATTEMPT TO OVERLY THE DITCH THE ACFT WAS PULLED OFF THE GROUND IN A STEEP NOSE UP ATTITUDE WITH FLAPS STILL EXTENDED. THE ACFT STALLED AND AFTER DRAGGING A WING TIP IT CARTWHEELED AND SLID TO A STOP.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

### Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT  
Phase of Operation: GO-AROUND (VFR)

#### Findings

1. (F) TERRAIN CONDITION - DITCH
2. (C) FLIGHT CONTROLS - IMPROPER USE OF - PILOT IN COMMAND
3. (F) LACK OF TOTAL EXPERIENCE - PILOT IN COMMAND
4. (C) RAISING OF FLAPS - NOT PERFORMED - PILOT IN COMMAND
5. (C) ROTATION - EXCESSIVE - PILOT IN COMMAND
6. (C) AIRSPEED - NOT ATTAINED - PILOT IN COMMAND

7. (C) STALL - UNCONTROLLED - PILOT IN COMMAND

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Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER  
Phase of Operation: DESCENT - UNCONTROLLED

## Factual Information

### Pilot Information

<b>Certificate:</b>	Student	<b>Age:</b>	18,Female
<b>Airplane Rating(s):</b>	None	<b>Seat Occupied:</b>	Front
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 3 Valid Medical--no waivers/lim.	<b>Last FAA Medical Exam:</b>	September 24, 1984
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	19 hours (Total, all aircraft), 19 hours (Total, this make and model), 2 hours (Pilot In Command, all aircraft), 19 hours (Last 90 days, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	BELLANCA	<b>Registration:</b>	N5065Z
<b>Model/Series:</b>	7GCBC 7GCBC	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	1181-80
<b>Landing Gear Type:</b>	Tailwheel	<b>Seats:</b>	2
<b>Date/Type of Last Inspection:</b>	October 9, 1984 100 hour	<b>Certified Max Gross Wt.:</b>	1650 lbs
<b>Time Since Last Inspection:</b>	1 Hrs	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	653 Hrs	<b>Engine Manufacturer:</b>	LYCOMING
<b>ELT:</b>	Installed, not activated	<b>Engine Model/Series:</b>	O-320
<b>Registered Owner:</b>	ALABAMA AVIATION TECHNICAL COL	<b>Rated Power:</b>	150 Horsepower
<b>Operator:</b>		<b>Operating Certificate(s) Held:</b>	
<b>Operator Does Business As:</b>		<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>	DHN ,401 ft msl	<b>Distance from Accident Site:</b>	12 Nautical Miles
<b>Observation Time:</b>	17:00 Local	<b>Direction from Accident Site:</b>	120°
<b>Lowest Cloud Condition:</b>	Scattered / 2500 ft AGL	<b>Visibility</b>	10 miles
<b>Lowest Ceiling:</b>	Broken / 3500 ft AGL	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	10 knots /	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	50°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	30 inches Hg	<b>Temperature/Dew Point:</b>	28°C / 13°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	OZARK , AL	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>		<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	16:00 Local	<b>Type of Airspace:</b>	Class G

## Airport Information

<b>Airport:</b>	BLACKWELL	<b>Runway Surface Type:</b>	Macadam
<b>Airport Elevation:</b>	354 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	12	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	4700 ft / 40 ft	<b>VFR Approach/Landing:</b>	None

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 Minor	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>		<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	1 Minor	<b>Latitude, Longitude:</b>	

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Powell, Phillip
<b>Additional Participating Persons:</b>	JOHN LAWRENCE; BIRMINGHAM , AL
<b>Original Publish Date:</b>	
<b>Last Revision Date:</b>	
<b>Investigation Class:</b>	<a href="#">Class</a>
<b>Note:</b>	
<b>Investigation Docket:</b>	<a href="https://data.nts.gov/Docket?ProjectID=6684">https://data.nts.gov/Docket?ProjectID=6684</a>

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