



# National Transportation Safety Board Aviation Accident Final Report

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<b>Location:</b>	Shorter, AL	<b>Accident Number:</b>	ATL05CA123
<b>Date &amp; Time:</b>	07/01/2005, 1030 CDT	<b>Registration:</b>	N1029E
<b>Aircraft:</b>	Bellanca 7KCAB	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

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## Analysis

According to the pilot, he was attempting a normal landing on a private 2200-foot long grass landing airstrip. Upon landing, the airplane veered to the right, traveling off the grass strip and hit a depression in the ground with the left main landing gear. The airplane came to rest on the grass to the right of grass strip. Examination of the airplane disclosed that the left landing gear had collapsed. The pilot did not report any mechanical problems with 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 maintain directional control, which resulted in the collapse of the left main landing gear.

## Findings

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Occurrence #1: LOSS OF CONTROL - ON GROUND/WATER  
Phase of Operation: LANDING - ROLL

### Findings

1. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND  
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Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER  
Phase of Operation: LANDING

### Findings

2. TERRAIN CONDITION - GROUND  
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Occurrence #3: MAIN GEAR COLLAPSED  
Phase of Operation: LANDING - ROLL

### Findings

3. LANDING GEAR,MAIN GEAR - OVERLOAD

## Factual Information

### Pilot Information

<b>Certificate:</b>	Commercial	<b>Age:</b>	61, Male
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Seat Occupied:</b>	Front
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	Seatbelt, Shoulder harness
<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 With Waivers/Limitations	<b>Last Medical Exam:</b>	04/01/2004
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	12/01/2003
<b>Flight Time:</b>	1452 hours (Total, all aircraft), 135 hours (Total, this make and model), 1203 hours (Pilot In Command, all aircraft), 15 hours (Last 90 days, all aircraft), 15 hours (Last 30 days, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Manufacturer:</b>	Bellanca	<b>Registration:</b>	N1029E
<b>Model/Series:</b>	7KCAB	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	No
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	607-77
<b>Landing Gear Type:</b>	Tailwheel	<b>Seats:</b>	2
<b>Date/Type of Last Inspection:</b>	10/01/2004, Annual	<b>Certified Max Gross Wt.:</b>	1650 lbs
<b>Time Since Last Inspection:</b>	17.6 Hours	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	2027 Hours	<b>Engine Manufacturer:</b>	Lycoming
<b>ELT:</b>	Installed, not activated	<b>Engine Model/Series:</b>	AEIO-360
<b>Registered Owner:</b>	James L Reynolds	<b>Rated Power:</b>	150 hp
<b>Operator:</b>	James L Reynolds	<b>Air Carrier Operating Certificate:</b>	None

## Meteorological Information and Flight Plan

Observation Facility, Elevation:	KMXF, 172 ft msl	Observation Time:	1556 UTC
Distance from Accident Site:	25 Nautical Miles	Condition of Light:	Day
Direction from Accident Site:	270°	Conditions at Accident Site:	Visual Conditions
Lowest Cloud Condition:	Scattered / 2500 ft agl	Temperature/Dew Point:	33°C / 24°C
Lowest Ceiling:	None	Visibility	7 Miles
Wind Speed/Gusts, Direction:	6 knots, 290°	Visibility (RVR):	
Altimeter Setting:	29.92 inches Hg	Visibility (RVV):	
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Wetumpka, AL (08A)	Type of Flight Plan Filed:	None
Destination:	Shorter, AL	Type of Clearance:	None
Departure Time:	1010 CDT	Type of Airspace:	

## Airport Information

Airport:	PVT (N/A)	Runway Surface Type:	Grass/turf
Airport Elevation:		Runway Surface Condition:	Dry
Runway Used:	36	IFR Approach:	Visual
Runway Length/Width:	2200 ft / 60 ft	VFR Approach/Landing:	Full Stop

## 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):	Phillip Powell	Adopted Date:	10/27/2005
Additional Participating Persons:	Clay Perkins; FSDO 09 Birmingham		
Publish Date:			
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 <a href="mailto:pubinq@ntsb.gov">pubinq@ntsb.gov</a> , or at 800-877-6799. Dockets released after this date are available at <a href="http://dms.nts.gov/pubdms/">http://dms.nts.gov/pubdms/</a> .		

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