



# Aviation Investigation Factual Report

<b>Location:</b>	Indianola, Mississippi	<b>Accident Number:</b>	DFW08CA005
<b>Date &amp; Time:</b>	October 7, 2007, 17:00 Local	<b>Registration:</b>	N9603K
<b>Aircraft:</b>	Stinson 108-2	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	3 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Factual Information

The 3,042-hour private lost control of the tail-wheel equipped airplane while landing on Runway 17 with a prevailing crosswind. The pilot reported that he attempted to regain control and applied the brakes and full right rudder; however, he was not able to keep the vintage airplane on the 150-foot wide runway. The airplane ground looped and exited the runway. The right main landing gear collapsed and the right wing contacted the ground. The airplane came to rest upright in the grass and both occupants were able to exit the airplane normally. On the NTSB Form 6120 completed by the pilot, he recommended that to prevent further accidents, the right rudder and right brake should be applied sooner to prevent the airplane from ground looping. The winds at the time of the mishap were variable at 5 knots.

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	70, Male
<b>Airplane Rating(s):</b>	Single-engine land	<b>Seat Occupied:</b>	
<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 With waivers/limitations	<b>Last FAA Medical Exam:</b>	December 1, 2006
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	June 1, 2007
<b>Flight Time:</b>	3042 hours (Total, all aircraft), 100 hours (Total, this make and model), 2793 hours (Pilot In Command, all aircraft), 30 hours (Last 90 days, all aircraft), 10 hours (Last 30 days, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Stinson	<b>Registration:</b>	N9603K
<b>Model/Series:</b>	108-2	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal; Utility	<b>Serial Number:</b>	108-2603
<b>Landing Gear Type:</b>	Tailwheel	<b>Seats:</b>	4
<b>Date/Type of Last Inspection:</b>	April 1, 2007 Annual	<b>Certified Max Gross Wt.:</b>	2230 lbs
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	2478 Hrs as of last inspection	<b>Engine Manufacturer:</b>	Franklin
<b>ELT:</b>	Installed, not activated	<b>Engine Model/Series:</b>	6A4-165-B3
<b>Registered Owner:</b>	On file	<b>Rated Power:</b>	165 Horsepower
<b>Operator:</b>	On file	<b>Operating Certificate(s) Held:</b>	None

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	GLH, 131 ft msl	<b>Distance from Accident Site:</b>	15 Nautical Miles
<b>Observation Time:</b>	16:53 Local	<b>Direction from Accident Site:</b>	270°
<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>	5 knots / None	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>		<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	29.9 inches Hg	<b>Temperature/Dew Point:</b>	33°C / 19°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	GREENVILLE, MS (GLH )	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>	INDIANOLA, MS (IDL )	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	16:30 Local	<b>Type of Airspace:</b>	

## Airport Information

<b>Airport:</b>	INDIANOLA MUNI IDL	<b>Runway Surface Type:</b>	Concrete
<b>Airport Elevation:</b>		<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	17	<b>IFR Approach:</b>	Visual
<b>Runway Length/Width:</b>	6991 ft / 150 ft	<b>VFR Approach/Landing:</b>	Full stop;Traffic pattern

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	2 None	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	3 None	<b>Latitude, Longitude:</b>	33.485553,-90.678886

## Administrative Information

<b>Investigator In Charge (IIC):</b>	LeBaron, Timothy
<b>Additional Participating Persons:</b>	Jacob Corbett; Jackson, Mississippi
<b>Report Date:</b>	November 27, 2007
<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=66851">https://data.nts.gov/Docket?ProjectID=66851</a>

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