



# National Transportation Safety Board Aviation Accident Data Summary

<b>Location:</b>	McGregor, TX	<b>Accident Number:</b>	DFW06FA205
<b>Date &amp; Time:</b>	09/02/2006, 0755 CDT	<b>Registration:</b>	N181Y
<b>Aircraft:</b>	Beech BE95 A-55	<b>Injuries:</b>	1 Fatal
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

## Analysis

The 5,000-hour instrument rated commercial pilot lost control of the twin-engine airplane during initial takeoff climb and crashed into the ground. The pilot was departing the uncontrolled airport on runway 17 on a planned 525-nautical mile cross-county flight. Witnesses at the airport reported that the airplane assumed a pronounced nose high attitude and rolled left, followed by the nose dropping toward the ground until ground impact. The airplane impacted the ground with the landing gear and flaps retracted. The airplane was fully serviced with fuel. The fuel was found to be clean. An extensive examination of the airplane failed to reveal any anomalies with the airframe, structure, or systems. Flight control continuity was established at the accident site. The engines were sent to the manufacturer's facility for examination, and no mechanical anomalies were found. The propellers were also shipped to the manufacturer's facility for examination and teardown. Both propellers were rotating at a low blade angle and not feathered at the time of the impact. Blade damage was consistent with both propellers operating with power on at the time of the impact. No mechanical defects were noted with either propeller. No anomalies were found during the autopsy and toxicological tests were normal. Visual meteorological conditions prevailed, with visibility in excess of 10 miles, and wind was from 140 degrees at 8 knots.

## Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:  
The pilot's failure to maintain airspeed resulting in a stall and loss of control of the airplane.

## Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT  
Phase of Operation: TAKEOFF - INITIAL CLIMB

### Findings

1. (C) AIRSPEED - NOT MAINTAINED - PILOT IN COMMAND
2. (C) STALL/SPIN - INADVERTENT - PILOT IN COMMAND
3. (C) AIRCRAFT CONTROL - NOT MAINTAINED - PILOT IN COMMAND

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

### Findings

4. TERRAIN CONDITION - GROUND

## Pilot Information

<b>Certificate:</b>	Commercial	<b>Age:</b>	73
<b>Airplane Rating(s):</b>	Multi-engine Land; Single-engine Land	<b>Instrument Rating(s):</b>	Airplane; Helicopter
<b>Other Aircraft Rating(s):</b>	Helicopter	<b>Instructor Rating(s):</b>	None
<b>Flight Time:</b>	5000 hours (Total, all aircraft), 229 hours (Total, this make and model), 15 hours (Last 90 days, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Manufacturer:</b>	Beech	<b>Registration:</b>	N181Y
<b>Model/Series:</b>	BE95 A-55	<b>Engines:</b>	2 Reciprocating
<b>Operator:</b>	Harry A. Goodall	<b>Engine Manufacturer:</b>	Teledyne Continental
<b>Air Carrier Operating Certificate:</b>	None	<b>Engine Model/Series:</b>	IO-520-ACE
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

## Meteorological Information and Flight Plan

<b>Observation Facility, Elevation:</b>	PWG	<b>Weather Information Source:</b>	Weather Observation Facility
<b>Conditions at Accident Site:</b>	Visual Conditions	<b>Lowest Ceiling:</b>	None
<b>Condition of Light:</b>	Day	<b>Wind Speed/Gusts, Direction:</b>	8 knots, 140°
<b>Temperature:</b>	26°C / 21°C	<b>Visibility:</b>	10 Miles
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	McGregor, TX (PWG)	<b>Destination:</b>	Muscles Shores, AL (MSL)

## Airport Information

<b>Airport:</b>	McGregor Executive Airport (PWG)	<b>Runway Surface Type:</b>	Asphalt
<b>Runway Used:</b>	17	<b>Runway Surface Condition:</b>	Dry
<b>Runway Length/Width:</b>	5501 ft / 75 ft		

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 Fatal	<b>Aircraft Damage:</b>	Destroyed
<b>Passenger Injuries:</b>	N/A	<b>Aircraft Fire:</b>	On-Ground
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Frank McGill	<b>Adopted Date:</b>	05/29/2007
<b>Investigation Docket:</b>	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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