



# National Transportation Safety Board Aviation Accident Data Summary

<b>Location:</b>	LAKE CITY, AR	<b>Accident Number:</b>	FTW83LA136
<b>Date &amp; Time:</b>	03/02/1983, 1050 CST	<b>Registration:</b>	N7535B
<b>Aircraft:</b>	BELLANCA 7FC	<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

## Analysis

THE PLT REPORTED THAT DURING LEVEL FLT, THE ENG LOST POWER. HE TRIED TO LAND IN AN OPEN FIELD, BUT THE ACFT STRUCK A TREE TOP APRX 35 TO 40 FT AGL, THEN CRASHED ON THE GROUND, RIGHT WING FIRST. THE PLT SUSPECTED POSSIBLE CARBURETOR ICE. THE TEMP & DEN POINT WERE 58 & 53 DEG, RESPECTIVELY. ACCORDINGLY TO ICING PROBABILITY CHARTS, SERIOUS CARBURETOR ICING COULD OCCUR AT CRUISE POWER IN FLOAT TYPE CARBURETORS.

## Probable Cause

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

## Findings

Occurrence #1: LOSS OF ENGINE POWER(TOTAL) - NONMECHANICAL  
Phase of Operation: CRUISE

### Findings

1. (F) WEATHER CONDITION - CARBURETOR ICING CONDITIONS
2. (C) CARBURETOR HEAT - IMPROPER USE OF - PILOT IN COMMAND
3. (C) FUEL SYSTEM,CARBURETOR - ICE

Occurrence #2: FORCED LANDING  
Phase of Operation: APPROACH

Occurrence #3: IN FLIGHT COLLISION WITH OBJECT  
Phase of Operation: APPROACH - VFR PATTERN - FINAL APPROACH

### Findings

4. (F) OBJECT - TREE(S)

Occurrence #4: IN FLIGHT COLLISION WITH TERRAIN/WATER  
Phase of Operation: DESCENT - UNCONTROLLED

## Pilot Information

Certificate:	Private	Age:	25
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):		Instructor Rating(s):	
Flight Time:	157 hours (Total, all aircraft), 3 hours (Total, this make and model), 137 hours (Pilot In Command, all aircraft), 5 hours (Last 90 days, all aircraft)		

## Aircraft and Owner/Operator Information

Aircraft Make:	BELLANCA	Registration:	N7535B
Model/Series:	7FC 7FC	Engines:	1 Reciprocating
Operator:	TEDDY G. QUALLS	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	C-90-12F
Flight Conducted Under:	Part 91: General Aviation - Personal		

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	JBR, 260 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	Calm / ,
Temperature:	14° C	Visibility	5 Miles
Precipitation and Obscuration:			
Departure Point:	LAKE CITY, AR	Destination:	

## 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
Latitude, Longitude:			

## Administrative Information

Investigator In Charge (IIC):	JEAN H DAUGHERTY	Adopted Date:	
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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