



National Transportation Safety Board Aviation Accident Data Summary

Location:	EL RENO, OK	Accident Number:	FTW85FA034
Date & Time:	11/02/1984, 1745 CST	Registration:	N5064L
Aircraft:	BELLANCA 8KCAB	Injuries:	1 Fatal
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE ACFT WAS DESTROYED ON IMPACT WITH THE GROUND AFTER BEING OBSERVED BY GROUND WITNESSES TO GO OUT OF CONTROL DURING ANAEROBATIC MANEUVER. THERE WAS A DIFFERENCE OF OPINIONS AS TO WHAT HAPPENED. ONE WITNESS DESCRIBED THE GROUND COLLISION HAVING BEEN FROM AN INVERTED ATTITUDE. TWO OTHERS STATED THAT THE ACFT ROLLED RIGHT-SIDE-UP AND LOOPED, DIVING INTO THE GROUND. THE PLT WAS EXPERIENCED AVIATOR, BUT HAD LITTLE AEROBATIC EXPERIENCE. HIS LOG INDICATED NO AEROBATIC TRAINING. HE HAD LOGGED 8 FLTS IN THE ACCIDENT ACFT AND PRACTICED AEROBATICS ON 2 OF THOSE FLIGHTS. THE ACFT IS CAPABLE OF INVERTED FLT FOR 2 MINUTES. A PRECAUTION NOTES THAT AFTER INVERTED FLT, ONE MINUTE POSITIVE 'G' FLT MAYBE REQUIRED TO REFILL AN EXHAUSTED HEADER FUEL TANK.

Probable Cause

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: MANEUVERING

Findings

1. (C) AEROBATICS - INITIATED - PILOT IN COMMAND
2. (C) INADEQUATE INITIAL TRAINING - PILOT IN COMMAND
3. (C) ALTITUDE - INADEQUATE - PILOT IN COMMAND
4. (C) JUDGMENT - POOR - PILOT IN COMMAND

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

Pilot Information

Certificate:	Airline Transport; Flight Instructor; Commercial	Age:	27
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	Airplane Multi-engine; Airplane Single-engine; Instrument Airplane
Flight Time:	3500 hours (Total, all aircraft), 15 hours (Total, this make and model), 92 hours (Last 90 days, all aircraft), 34 hours (Last 30 days, all aircraft), 4 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	BELLANCA	Registration:	N5064L
Model/Series:	8KCAB 8KCAB	Engines:	1 Reciprocating
Operator:	NOVOTNY, MICHAEL P.	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:	None	Engine Model/Series:	AEIO-360-H1A
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:	OKC, 1294 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	7 knots / , 150°
Temperature:	11 °C	Visibility	20 Miles
Precipitation and Obscuration:			
Departure Point:	Destination:		

Wreckage and Impact Information

Crew Injuries:	1 Fatal	Aircraft Damage:	Destroyed
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 pubin@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

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agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

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