



# Aviation Investigation Final Report

<b>Location:</b>	BLANDING, Utah	<b>Accident Number:</b>	DEN84LA173
<b>Date &amp; Time:</b>	June 9, 1984, 16:10 Local	<b>Registration:</b>	N2346J
<b>Aircraft:</b>	BEECH 23	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	2 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Instructional		

## Analysis

UPON REQUEST FROM HIS CFI THE STUDENT PILOT WAS PERFORMING A SIMULATED SOFT FLD TAKEOFF. THE STUDENT FAILED TO EXTEND THE FLAPS TO THE RECOMMENDED 15 DEGREES AND THE CFI ELECTED TO ALLOW THE TAKEOFF TO CONTINUE FLAPS UP FOR TRAINING PURPOSES. AS THE ACFT ACCELERATED THE STUDENT ABRUPTLY RAISED THE NOSE. THE ACFT BECAME AIRBORNE AND ROLLED RIGHT TO A HEADING ABOUT 45 DEGREES OFF THE RWY. CONTROL OF THE ACFT WAS TAKEN OVER BY THE CFI WHO FLEW THE ACFT NOSE HIGH THROUGH A FENCE AND INTO AN ADJACENT FIELD.

## Probable Cause and Findings

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: TAKEOFF - INITIAL CLIMB

#### Findings

1. (F) PROCEDURES/DIRECTIVES - NOT FOLLOWED - DUAL STUDENT
2. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - DUAL STUDENT
3. (C) REMEDIAL ACTION - DELAYED - PILOT IN COMMAND(CFI)

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Occurrence #2: IN FLIGHT COLLISION WITH OBJECT  
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

4. (F) OBJECT - FENCE

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Occurrence #3: IN FLIGHT COLLISION WITH TERRAIN/WATER  
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

5. TERRAIN CONDITION - OPEN FIELD

## Factual Information

### Pilot Information

<b>Certificate:</b>	Commercial; Flight instructor	<b>Age:</b>	44, Male
<b>Airplane Rating(s):</b>	Single-engine land; Multi-engine land	<b>Seat Occupied:</b>	Right
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	Airplane	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	Airplane single-engine	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 2 Valid Medical--no waivers/lim.	<b>Last FAA Medical Exam:</b>	February 14, 1984
<b>Occupational Pilot:</b>	Yes	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	3499 hours (Total, all aircraft), 5 hours (Total, this make and model), 3335 hours (Pilot In Command, all aircraft), 105 hours (Last 90 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	BEECH	<b>Registration:</b>	N2346J
<b>Model/Series:</b>	23 23	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	M-301
<b>Landing Gear Type:</b>	Tricycle	<b>Seats:</b>	4
<b>Date/Type of Last Inspection:</b>	September 7, 1983 Annual	<b>Certified Max Gross Wt.:</b>	2300 lbs
<b>Time Since Last Inspection:</b>	29 Hrs	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	1951 Hrs	<b>Engine Manufacturer:</b>	LYCOMING
<b>ELT:</b>	Installed, not activated	<b>Engine Model/Series:</b>	O-320-D2B
<b>Registered Owner:</b>	DEAN G. BLACK	<b>Rated Power:</b>	160 Horsepower
<b>Operator:</b>		<b>Operating Certificate(s) Held:</b>	None
<b>Operator Does Business As:</b>		<b>Operator Designator Code:</b>	

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	FMN ,5503 ft msl	<b>Distance from Accident Site:</b>	100 Nautical Miles
<b>Observation Time:</b>	15:45 Local	<b>Direction from Accident Site:</b>	290°
<b>Lowest Cloud Condition:</b>	Clear	<b>Visibility</b>	40 miles
<b>Lowest Ceiling:</b>	None	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	/	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	180°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	30 inches Hg	<b>Temperature/Dew Point:</b>	13°C / 2°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>		<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>		<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	10:09 Local	<b>Type of Airspace:</b>	Class G

## Airport Information

<b>Airport:</b>	BLANDING CITY BDG	<b>Runway Surface Type:</b>	Asphalt
<b>Airport Elevation:</b>	5865 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	17	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	6000 ft / 75 ft	<b>VFR Approach/Landing:</b>	None

## Wreckage and Impact Information

<b>Crew Injuries:</b>	2 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>		<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	2 None	<b>Latitude, Longitude:</b>	37.549381,-109.479484(est)

## Administrative Information

**Investigator In Charge (IIC):** Feith, Gregory

**Additional Participating Persons:**

**Original Publish Date:**

**Last Revision Date:**

**Investigation Class:** [Class](#)

**Note:**

**Investigation Docket:** <https://data.nts.gov/Docket?ProjectID=16394>

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