



# Aviation Investigation Final Report

<b>Location:</b>	WEST DOVER, Vermont	<b>Accident Number:</b>	NYC84LA031
<b>Date &amp; Time:</b>	November 18, 1983, 12:00 Local	<b>Registration:</b>	N7605R
<b>Aircraft:</b>	BEECH B23	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	2 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

THE PLT REPORTED THAT DURING DESCENT, BELOW 4000 FT, HE ENCOUNTER SEVERE TURBULENCE. HE REPORTED THAT THE DESTINATION WIND WAS FROM THE NORTHWEST, BUT HE COULD NOT RECALL THE WIND VELOCITY. DURING ARRIVAL, FINAL APCH TO RWY 01 WAS FLOWN AT 80 MPH WHILE STILL IN SEVERE TURBULENCE. RIGHT RUDDER. LEFT AILERON & FULL FLAPS WERE USED DURING THE APCH. ACCORDING TO THE PLT, WHEN THE ACFT WAS ABOUT 200 FT FROM THE RUNWAY AT ABOUT 150 TO 200 FT, IT ENTERED A LEVEL DESCENT & 'PANCAKED' TO THE GROUND 'FROM APPARENT WIND SHEAR.' THE ACFT CONTACTED THE GROUND APRX 35 FT SHORT OF THE RWY, SKIDDED OVER THE THRESHOLD & CAME TO REST ABOUT 100 FT DOWN THE RWY. THE LANDING GEAR WAS DESTROYED AND THE WING SPARS, WING SKIN, HORIZONTAL STABILIZER & PROP WERE DAMAGED.

## Probable Cause and Findings

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

### Findings

Occurrence #1: IN FLIGHT ENCOUNTER WITH WEATHER  
Phase of Operation: APPROACH

Findings

1. (C) PLANNING/DECISION - IMPROPER - PILOT IN COMMAND
  2. (F) WEATHER CONDITION - TURBULENCE
  3. (F) WEATHER CONDITION - CROSSWIND
  4. (C) WEATHER CONDITION - WINDSHEAR
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Occurrence #2: LOSS OF CONTROL - IN FLIGHT  
Phase of Operation: APPROACH - VFR PATTERN - FINAL APPROACH

Findings

5. STALL/MUSH - UNCONTROLLED - PILOT IN COMMAND
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Occurrence #3: IN FLIGHT COLLISION WITH TERRAIN/WATER  
Phase of Operation: DESCENT - UNCONTROLLED

## Factual Information

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	50, Male
<b>Airplane Rating(s):</b>	Single-engine land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>		<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	Airplane	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>		<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 3 Valid Medical--w/ waivers/lim	<b>Last FAA Medical Exam:</b>	April 20, 1982
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	645 hours (Total, all aircraft), 431 hours (Total, this make and model), 512 hours (Pilot In Command, all aircraft), 38 hours (Last 90 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	BEECH	<b>Registration:</b>	N7605R
<b>Model/Series:</b>	B23 B23	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	M1232
<b>Landing Gear Type:</b>	Tricycle	<b>Seats:</b>	4
<b>Date/Type of Last Inspection:</b>	February 1, 1983 Annual	<b>Certified Max Gross Wt.:</b>	2450 lbs
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	1301 Hrs	<b>Engine Manufacturer:</b>	LYCOMING
<b>ELT:</b>	Installed	<b>Engine Model/Series:</b>	O-360-A2G
<b>Registered Owner:</b>	MARY ANN SCHILDT	<b>Rated Power:</b>	180 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>		<b>Distance from Accident Site:</b>	
<b>Observation Time:</b>		<b>Direction from Accident Site:</b>	
<b>Lowest Cloud Condition:</b>	Scattered / 3500 ft AGL	<b>Visibility</b>	30 miles
<b>Lowest Ceiling:</b>	Unknown	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	/	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	315°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>		<b>Temperature/Dew Point:</b>	
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	SOMERSET , NJ (N52 )	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>		<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	00:00 Local	<b>Type of Airspace:</b>	

## Airport Information

<b>Airport:</b>	WEST DOVER 4V8	<b>Runway Surface Type:</b>	Asphalt
<b>Airport Elevation:</b>	1956 ft msl	<b>Runway Surface Condition:</b>	Snow
<b>Runway Used:</b>	1	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	2650 ft / 75 ft	<b>VFR Approach/Landing:</b>	Traffic pattern

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	1 None	<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>	

## Administrative Information

**Investigator In Charge (IIC):** Taylor, Vernon

**Additional Participating Persons:**

**Original Publish Date:**

**Last Revision Date:**

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

**Note:**

**Investigation Docket:** <https://data.nts.gov/Docket?ProjectID=35470>

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