



# Aviation Investigation Final Report

<b>Location:</b>	WEST DOVER, Vermont	<b>Accident Number:</b>	NYC86LA003
<b>Date &amp; Time:</b>	October 6, 1985, 10:15 Local	<b>Registration:</b>	N9861Z
<b>Aircraft:</b>	CESSNA C206	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 Serious, 1 Minor, 1 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

CESSNA AIRCRAFT, N9861Z OVERRAN RUNWAY 1, AT WEST DOVER, VERMONT AND LANDED ON A GOLF COURSE. THE PILOT STATED THAT WHEN THE FLIGHT WAS ABOUT 50 FEET ABOVE THE RUNWAY AND ABOUT 100 FT DOWN THE RUNWAY WINDSHEAR WAS ENCOUNTERED, PULLING THE AIRCRAFT TO THE LEFT SIDE. A GO AROUND COULD NOT BE ACCOMPLISHED SO THE LANDING WAS MADE ON THE GOLF COURSE, CAUSING SUBSTANTIAL DAMAGE.

## 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: LANDING

#### Findings

1. (F) WEATHER CONDITION - WINDSHEAR
  2. (C) ABORTED LANDING - DELAYED - PILOT IN COMMAND
  3. (C) COMPENSATION FOR WIND CONDITIONS - INADEQUATE - PILOT IN COMMAND
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Occurrence #2: LOSS OF CONTROL - IN FLIGHT  
Phase of Operation: GO-AROUND (VFR)

Findings

- 4. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
- 5. (C) PROPER ALIGNMENT - NOT MAINTAINED - PILOT IN COMMAND

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Occurrence #3: NOSE GEAR COLLAPSED  
Phase of Operation: LANDING

Findings

- 6. (F) LANDING GEAR, NOSE GEAR - OVERLOAD

## Factual Information

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	31, Male
<b>Airplane Rating(s):</b>	Single-engine land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 2 Valid Medical-w/ waivers/lim	<b>Last FAA Medical Exam:</b>	June 27, 1985
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	4154 hours (Total, all aircraft), 104 hours (Total, this make and model), 1433 hours (Pilot In Command, all aircraft), 33 hours (Last 90 days, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	CESSNA	<b>Registration:</b>	N9861Z
<b>Model/Series:</b>	C206 C206	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	6708
<b>Landing Gear Type:</b>	Tricycle	<b>Seats:</b>	6
<b>Date/Type of Last Inspection:</b>	June 25, 1985 100 hour	<b>Certified Max Gross Wt.:</b>	3600 lbs
<b>Time Since Last Inspection:</b>	38 Hrs	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	167 Hrs	<b>Engine Manufacturer:</b>	CONTINENTAL
<b>ELT:</b>	Installed, not activated	<b>Engine Model/Series:</b>	IO-520F
<b>Registered Owner:</b>	MARTIN SILVERMAN	<b>Rated Power:</b>	300 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>	ALB ,285 ft msl	<b>Distance from Accident Site:</b>	43 Nautical Miles
<b>Observation Time:</b>	10:15 Local	<b>Direction from Accident Site:</b>	90°
<b>Lowest Cloud Condition:</b>	Clear	<b>Visibility</b>	20 miles
<b>Lowest Ceiling:</b>	Broken / 35000 ft AGL	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	15 knots / 29 knots	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	240°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	29 inches Hg	<b>Temperature/Dew Point:</b>	12°C / 4°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	CALDWELL , NJ	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>	WEST DOVER , VT (4V8 )	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	09:00 Local	<b>Type of Airspace:</b>	Class G

## Airport Information

<b>Airport:</b>	MT. SNOW	<b>Runway Surface Type:</b>	Asphalt
<b>Airport Elevation:</b>	1956 ft msl	<b>Runway Surface Condition:</b>	Wet
<b>Runway Used:</b>	10	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	2650 ft / 75 ft	<b>VFR Approach/Landing:</b>	Forced landing;Traffic pattern

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	1 Serious, 1 Minor	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	1 Serious, 1 Minor, 1 None	<b>Latitude, Longitude:</b>	

## Administrative Information

**Investigator In Charge (IIC):** Marcantelli, Vincent

**Additional Participating Persons:**

**Original Publish Date:**

**Last Revision Date:**

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

**Note:**

**Investigation Docket:** <https://data.nts.gov/Docket?ProjectID=30241>

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