



# Aviation Investigation Final Report

<b>Location:</b>	STROUDSBURG, Pennsylvania	<b>Accident Number:</b>	NYC91LA063
<b>Date &amp; Time:</b>	January 22, 1991, 14:00 Local	<b>Registration:</b>	N67315
<b>Aircraft:</b>	CESSNA 152U	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Instructional		

## Analysis

THE STUDENT PILOT WAS ON A SOLO CROSS COUNTRY. DURING LANDING, HE SAID, 'I ADJUSTED FOR A SLIGHT CROSSWIND AND TOUCHED DOWN...I WAS SURPRISED AT HOW NARROW THE RUNWAY WAS, BUT THOUGHT I COULD HANDLE IT. AT THE LAST MOMENT I ENCOUNTERED A GUST AND I SWERVED TO THE LEFT CAUSING MY LEFT LANDING GEAR TO CONTACT HARD FROZEN SNOW...I MUST HAVE OVERCORRECTED BECAUSE I SOON SWERVED...RIGHT INTO HARD SNOW.' THE AIRPLANE NOSED OVER THE STUDENT HAD A TOTAL OF 37 FLIGHT HOURS.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE FAILURE OF THE STUDENT PILOT TO MAINTAIN DIRECTIONAL CONTROL OF THE AIRPLANE DURING LANDING, RESULTING IN A COLLISION WITH A SNOWBANK. FACTORS RELATED TO THE ACCIDENT WERE: THE PILOT'S LACK OF TOTAL FLIGHT EXPERIENCE AND THE UNFAVORABLE WIND DURING LANDING.

## Findings

Occurrence #1: LOSS OF CONTROL - ON GROUND/WATER  
Phase of Operation: LANDING - ROLL

### Findings

1. (F) WEATHER CONDITION - UNFAVORABLE WIND

2. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
  3. (F) LACK OF TOTAL EXPERIENCE - PILOT IN COMMAND
  4. (C) FLIGHT CONTROLS - IMPROPER USE OF - PILOT IN COMMAND
  5. (C) COMPENSATION FOR WIND CONDITIONS - IMPROPER - PILOT IN COMMAND
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Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER  
Phase of Operation: LANDING - ROLL

Findings

6. TERRAIN CONDITION - SNOWBANK

## Factual Information

### Pilot Information

<b>Certificate:</b>	Student	<b>Age:</b>	36,Male
<b>Airplane Rating(s):</b>	None	<b>Seat Occupied:</b>	Unknown
<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 3 Valid Medical--no waivers/lim.	<b>Last FAA Medical Exam:</b>	October 29, 1990
<b>Occupational Pilot:</b>	UNK	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	37 hours (Total, all aircraft), 37 hours (Total, this make and model), 37 hours (Last 90 days, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	CESSNA	<b>Registration:</b>	N67315
<b>Model/Series:</b>	152U 152U	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>		<b>Serial Number:</b>	07
<b>Landing Gear Type:</b>	Tricycle	<b>Seats:</b>	2
<b>Date/Type of Last Inspection:</b>	January 2, 2000 Unknown	<b>Certified Max Gross Wt.:</b>	1675 lbs
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>		<b>Engine Manufacturer:</b>	LYCOMING
<b>ELT:</b>	Installed, not activated	<b>Engine Model/Series:</b>	O-235-L2C
<b>Registered Owner:</b>	AERO VENTURE INC.	<b>Rated Power:</b>	108 Horsepower
<b>Operator:</b>	AERO VENTURE INC.	<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>	Clear	<b>Visibility</b>	20 miles
<b>Lowest Ceiling:</b>	None	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	10 knots /	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	360°	<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>	TRENTON/ROBINSV (N87 )	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>		<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	13:08 Local	<b>Type of Airspace:</b>	

## Airport Information

<b>Airport:</b>	STROUDSBURG/POCONO N53	<b>Runway Surface Type:</b>	Asphalt
<b>Airport Elevation:</b>	480 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	8	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	3087 ft / 30 ft	<b>VFR Approach/Landing:</b>	Full stop

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 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>	1 None	<b>Latitude, Longitude:</b>	40.979007,-75.190513(est)

## Administrative Information

Investigator In Charge (IIC):	Yurman, Alan
Additional Participating Persons:	ASI     FRANK ALOTTA; ALLENTOWN     , PA
Original Publish Date:	September 28, 1992
Last Revision Date:	
Investigation Class:	<a href="#">Class</a>
Note:	
Investigation Docket:	<a href="https://data.nts.gov/Docket?ProjectID=36869">https://data.nts.gov/Docket?ProjectID=36869</a>

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