



# National Transportation Safety Board Aviation Accident Data Summary

<b>Location:</b>	NEW MILFORD, CT	<b>Accident Number:</b>	NYC85LA168
<b>Date &amp; Time:</b>	07/01/1985, 1930 EDT	<b>Registration:</b>	N82631
<b>Aircraft:</b>	PIPER PA-28-236	<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

## Analysis

ACCORDING TO THE PLT, THE PREFLT AND RUNUP CHECKS WERE NORMAL. THE PLT THEN APPLIED FULL PWR FOR TAKEOFF AND ROTATION WAS INITIATED AT 60 KTS. AFTER LIFTOFF, THE ACFT APPEARED TO LOOSE PWR AND BEGAN TO YAW TO THE LEFT. THE STALL WARNING HORN SOUNDED AND THE PLT LOWERED THE PITCH ATTITUDE. THE STALL WARNING SOUNDED AGAIN AND THE PLT FELT A PWR SURGE JUST PRIOR TO THE ACFT CONTACTING THE RWY. THE ACFT SLID LEFT, AND COLLIDED WITH A DITCH. THE RIGHT STABILIZER CONTACTED A TREE AND THE ACFT CAME TO A STOP. THE NOSE AND RIGHT MAIN GEARS WERE SHEARED OFF DURING THE ACCIDENT SEQUENCE.

## Probable Cause

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

## Findings

Occurrence #1: LOSS OF ENGINE POWER  
Phase of Operation: TAKEOFF - INITIAL CLIMB

### Findings

1. (C) REASON FOR OCCURRENCE UNDETERMINED  
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Occurrence #2: LOSS OF CONTROL - IN FLIGHT  
Phase of Operation: DESCENT - EMERGENCY

### Findings

2. (C) AIRCRAFT HANDLING - IMPROPER - PILOT IN COMMAND  
3. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND  
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Occurrence #3: IN FLIGHT COLLISION WITH TERRAIN/WATER  
Phase of Operation: LANDING - ROLL

### Findings

4. TERRAIN CONDITION - RUNWAY  
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Occurrence #4: ON GROUND/WATER COLLISION WITH OBJECT  
Phase of Operation: LANDING - ROLL

## Findings

### 5. OBJECT - TREE(S)

#### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	56
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Instrument Rating(s):</b>	None
<b>Other Aircraft Rating(s):</b>	None	<b>Instructor Rating(s):</b>	None
<b>Flight Time:</b>	613 hours (Total, all aircraft), 466 hours (Total, this make and model), 588 hours (Pilot In Command, all aircraft), 35 hours (Last 90 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

#### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	PIPER	<b>Registration:</b>	N82631
<b>Model/Series:</b>	PA-28-236 PA-28-236	<b>Engines:</b>	1 Reciprocating
<b>Operator:</b>	TAYLOR MACHINE CO.	<b>Engine Manufacturer:</b>	LYCOMING
<b>Operating Certificate(s) Held:</b>	None	<b>Engine Model/Series:</b>	O-540-03A5D
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

#### Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual Conditions	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	, 0 ft msl	<b>Weather Information Source:</b>	Witness
<b>Lowest Ceiling:</b>	None / 0 ft agl	<b>Wind Speed/Gusts, Direction:</b>	5 knots / , 340°
<b>Temperature:</b>	26° C	<b>Visibility</b>	10 Miles
<b>Precipitation and Obscuration:</b>			
<b>Departure Point:</b>		<b>Destination:</b>	DANBURY, CT (DXR)

#### Airport Information

<b>Airport:</b>	CANDLELIGHT (11N)	<b>Runway Surface Type:</b>	Grass/turf
<b>Runway Used:</b>	34	<b>Runway Surface Condition:</b>	Dry
<b>Runway Length/Width:</b>	2900 ft / 50 ft		

#### Wreckage and Impact Information

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

## Administrative Information

Investigator In Charge (IIC): VERNON A TAYLOR

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 [pubinq@ntsb.gov](mailto:pubinq@ntsb.gov), or at 800-877-6799. Dockets released after this date are available at <http://dms.nts.gov/pubdms/>.

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