



National Transportation Safety Board Aviation Accident Final Report

Location:	NEW MILFORD, CT	Accident Number:	NYC85LA168
Date & Time:	07/01/1985, 1930 EDT	Registration:	N82631
Aircraft:	PIPER PA-28-236	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 None
Flight Conducted Under:	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 and Findings

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

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

Occurrence #3: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: LANDING - ROLL

Findings

4. TERRAIN CONDITION - RUNWAY

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

Findings

5. OBJECT - TREE(S)

Factual Information

Pilot Information

Certificate:	Private	Age:	56, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Valid Medical--w/ waivers/lim.	Last FAA Medical Exam:	05/17/1984
Occupational Pilot:	Last Flight Review or Equivalent:		
Flight Time:	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

Aircraft Make:	PIPER	Registration:	N82631
Model/Series:	PA-28-236 PA-28-236	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	28-8111003
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	12/14/1984, Annual	Certified Max Gross Wt.:	3000 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	1086 Hours	Engine Manufacturer:	LYCOMING
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	O-540-03A5D
Registered Owner:	ASSAD A. TAYLOR	Rated Power:	235 hp
Operator:	TAYLOR MACHINE CO.	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	0000	Direction from Accident Site:	0°
Lowest Cloud Condition:	Clear / 0 ft agl	Visibility	10 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	5 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	340°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	26 °C / 16 °C
Precipitation and Obscuration:			
Departure Point:		Type of Flight Plan Filed:	None
Destination:	DANBURY, CT (DXR)	Type of Clearance:	None
Departure Time:	0000	Type of Airspace:	Class G

Airport Information

Airport:	CANDLELIGHT (11N)	Runway Surface Type:	Grass/turf
Airport Elevation:	675 ft	Runway Surface Condition:	Dry
Runway Used:	34	IFR Approach:	None
Runway Length/Width:	2900 ft / 50 ft	VFR Approach/Landing:	Forced Landing

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	VERNON A TAYLOR	Report Date:	
Additional Participating Persons:			
Publish 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 , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

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The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).