



National Transportation Safety Board Aviation Accident Final Report

Location:	ONEONTA, NY	Accident Number:	NYC87FA085
Date & Time:	02/11/1987, 1500 EST	Registration:	N699CA
Aircraft:	BEECH 99	Aircraft Damage:	Substantial
Defining Event:		Injuries:	9 None
Flight Conducted Under:	Part 135: Air Taxi & Commuter - Scheduled		

Analysis

THE FLIGHT WAS UNEVENTFUL UNTIL ITS ARRIVAL AT ONEONTA MUNICIPAL AIRPORT. THE AIRCRAFT LANDED 10 FEET SHORT OF RUNWAY 24IN ONE FOOT OF SNOW. THE LEFT MAIN LANDING GEAR COLLAPSED, THE PROPELLER STRUCK THE RUNWAY AND THE AIRCRAFT VEERED OFF THE LEFT SIDE OF THE RUNWAY INTO A SNOW BANK, COLLAPSING THE LANDING GEAR.

Probable Cause and Findings

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

Findings

Occurrence #1: UNDERSHOOT
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

1. (C) ALTITUDE - MISJUDGED - PILOT IN COMMAND
2. (C) DISTANCE - MISJUDGED - PILOT IN COMMAND
3. (C) AIRSPEED - MISJUDGED - PILOT IN COMMAND

Occurrence #2: GEAR COLLAPSED
Phase of Operation: LANDING - ROLL

Findings

4. (F) TERRAIN CONDITION - SNOW COVERED
5. (F) LANDING GEAR,MAIN GEAR - OVERLOAD
6. (F) LANDING GEAR,NOSE GEAR - OVERLOAD

Factual Information

Pilot Information

Certificate:	Airline Transport	Age:	33, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	Helicopter	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	Airplane; Helicopter	Second Pilot Present:	No
Instructor Rating(s):		Toxicology Performed:	No
Medical Certification:	Class 1 Valid Medical--no waivers/lim.	Last Medical Exam:	12/29/1986
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	4335 hours (Total, all aircraft), 1700 hours (Total, this make and model), 2540 hours (Pilot In Command, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	BEECH	Registration:	N699CA
Model/Series:	99 99	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	U114
Landing Gear Type:	Retractable - Tricycle	Seats:	17
Date/Type of Last Inspection:	02/10/1987, AAIP	Certified Max Gross Wt.:	10900 lbs
Time Since Last Inspection:	3 Hours	Engines:	2 Turbo Prop
Airframe Total Time:	35195 Hours	Engine Manufacturer:	P&W
ELT:	Installed, not activated	Engine Model/Series:	PT6A-27
Registered Owner:	CATSKILL AIRWAYS, INC.	Rated Power:	680 hp
Operator:	CATSKILL AIRWAYS, INC.	Air Carrier Operating Certificate:	Commuter Air Carrier (135)

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	N66, 1765 ft msl	Observation Time:	1515 EST
Distance from Accident Site:	1 Nautical Miles	Direction from Accident Site:	60°
Lowest Cloud Condition:	Clear / 0 ft agl	Temperature/Dew Point:	-1 °C
Lowest Ceiling:	None / 0 ft agl	Visibility	12 Miles
Wind Speed/Gusts, Direction:	10 knots, 300°	Visibility (RVR):	0 ft
Altimeter Setting:	29 inches Hg	Visibility (RVV):	0 Miles
Precipitation and Obscuration:			
Departure Point:	FLUSHING, NY (LGA)	Type of Flight Plan Filed:	VFR
Destination:		Type of Clearance:	None
Departure Time:	1418 EST	Type of Airspace:	Class G

Airport Information

Airport:	ONEONTA MUNICIPAL (N66)	Runway Surface Type:	Asphalt
Airport Elevation:	1768 ft	Runway Surface Condition:	Dry
Runway Used:	24	IFR Approach:	None
Runway Length/Width:	3400 ft / 75 ft	VFR Approach/Landing:	Full Stop

Wreckage and Impact Information

Crew Injuries:	2 None	Aircraft Damage:	Substantial
Passenger Injuries:	7 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	9 None	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	CHAUNCEY D TWINE, JR.	Adopted Date:	04/24/1989
Additional Participating Persons:	ELWOOD BARNES; ALBANY, NY RICHARD VOEHERINGER; ALBANY, NY		
Publish Date:			
Investigation Docket:	NTSB accident and incident docket 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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