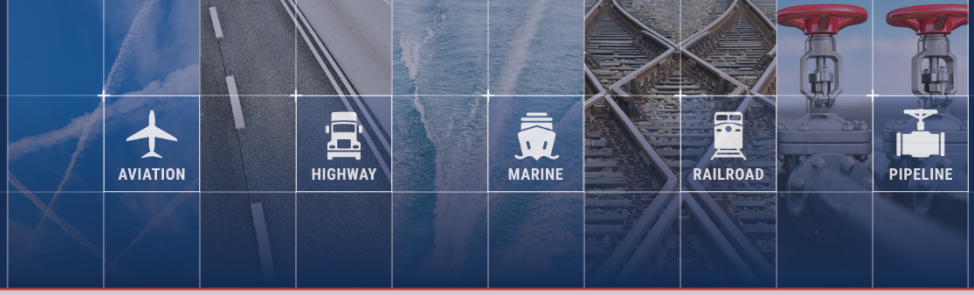

Aviation Investigation Final Report

Location:	BLACKSBURG, Virginia	**Accident Number:**	NYC00LA059
Date & Time:	December 18, 1999, 16:30 Local	**Registration:**	N1452L
Aircraft:	Beech BE-23	**Aircraft Damage:**	Substantial
Defining Event:		**Injuries:**	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The airplane touched down hard, and began to bounce. After the third bounce, the nose gear collapsed.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot in command's failure to recover from a bounced landing.

Findings

Occurrence #1: NOSE GEAR COLLAPSED
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings
1. (C) FLARE - IMPROPER - PILOT IN COMMAND
2. (C) RECOVERY FROM BOUNCED LANDING - NOT PERFORMED - PILOT IN COMMAND
3. LANDING GEAR,NOSE GEAR - COLLAPSED

Factual Information

On December 18, 1999, about 1630, a Beech BE-23, N1452L, was substantially damaged while landing at the Virginia Tech Airport, Blacksburg, Virginia. The certificated commercial pilot was not injured. Visual meteorological conditions prevailed, and no flight plan was filed for the personal flight conducted under 14 CFR Part 91.

According to the pilot he was landing on Runway 30, a 4,550 foot long asphalt runway. The airplane touched down hard, and began to bounce. After the third bounce, the nose gear collapsed. The airplane came to rest on the runway and a fire ensued, which was quickly extinguished by airport personnel.

The winds reported by the airport, at 1620, were from 120 degrees at 6 knots.

Pilot Information

Certificate:	Commercial; Private	**Age:**	49,Male
Airplane Rating(s):	Single-engine land	**Seat Occupied:**	Left
Other Aircraft Rating(s):	Balloon	**Restraint Used:**	
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:**	November 9, 1998
Occupational Pilot:	No	**Last Flight Review or Equivalent:**	
Flight Time:	373 hours (Total, all aircraft), 40 hours (Total, this make and model), 324 hours (Pilot In Command, all aircraft), 5 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Beech	**Registration:**	N1452L
Model/Series:	BE-23 BE-23	**Aircraft Category:**	Airplane
Year of Manufacture:		**Amateur Built:**	
Airworthiness Certificate:	Normal	**Serial Number:**	M847
Landing Gear Type:	Tricycle	**Seats:**	4
Date/Type of Last Inspection:	December 11, 1999 Annual	**Certified Max Gross Wt.:**	2350 lbs
Time Since Last Inspection:	1 Hrs	**Engines:**	1 Reciprocating
Airframe Total Time:	2406 Hrs	**Engine Manufacturer:**	Continental
ELT:	Installed, not activated	**Engine Model/Series:**	IO-346
Registered Owner:	DEE J. DANNER	**Rated Power:**	165 Horsepower
Operator:		**Operating Certificate(s) Held:**	None
Operator Does Business As:		**Operator Designator Code:**	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	**Condition of Light:**	Day
Observation Facility, Elevation:	BCB ,2132 ft msl	**Distance from Accident Site:**	
Observation Time:	16:20 Local	**Direction from Accident Site:**	
Lowest Cloud Condition:	Clear	**Visibility**	10 miles
Lowest Ceiling:	None	**Visibility (RVR):**	
Wind Speed/Gusts:	6 knots /	**Turbulence Type Forecast/Actual:**	/
Wind Direction:	120°	**Turbulence Severity Forecast/Actual:**	/
Altimeter Setting:	30 inches Hg	**Temperature/Dew Point:**	11°C / -8°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	DUBLIN , VA (PSK)	**Type of Flight Plan Filed:**	None
Destination:	(BCB)	**Type of Clearance:**	None
Departure Time:	16:00 Local	**Type of Airspace:**	Class G

Airport Information

Airport:	VIRGINIA TECH AIRPORT BCB	**Runway Surface Type:**	Asphalt
Airport Elevation:	2132 ft msl	**Runway Surface Condition:**	Dry
Runway Used:	30	**IFR Approach:**	None
Runway Length/Width:	4550 ft / 100 ft	**VFR Approach/Landing:**	Full stop;Traffic pattern

Wreckage and Impact Information

Crew Injuries:	1 None	**Aircraft Damage:**	Substantial
Passenger Injuries:		**Aircraft Fire:**	On-ground
Ground Injuries:	N/A	**Aircraft Explosion:**	None
Total Injuries:	1 None	**Latitude, Longitude:**	37.230785,-80.419906(est)

Administrative Information

Investigator In Charge (IIC):	Demko, Stephen
Additional Participating Persons:	ART MUNNS; RICHMOND , VA
Original Publish Date:	June 23, 2000
Last Revision Date:	
Investigation Class:	Class
Note:	
Investigation Docket:	https://data.ntsb.gov/Docket?ProjectID=48401