



Aviation Investigation Final Report

Location:	Wallkill, New York	Accident Number:	NYC07CA185
Date & Time:	July 27, 2007, 10:30 Local	Registration:	N435A
Aircraft:	Beech 65-A90	Aircraft Damage:	Substantial
Defining Event:		Injuries:	3 None
Flight Conducted Under:	Part 91: General aviation - Positioning		

Analysis

Following an uneventful flight, the pilot overflew the destination airport and observed no apparent wind speed or direction on the windsock. The airplane approached the runway fast, and landed "very hard," separating the right main landing gear from the airplane in the process. The airplane bounced, veered off the right side of the runway, and the left main landing gear collapsed, before the airplane came to rest. The operator did not report any preimpact mechanical failures or malfunctions of the airplane.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's improper flare, which resulted in a hard landing.

Findings

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

- Findings
1. (C) FLARE - IMPROPER - PILOT IN COMMAND

Factual Information

According to the operator of the Beech 65-A90, following an uneventful flight the pilot overflew the destination airport and observed no apparent wind speed or direction on the windsock. After the airplane flew over trees and "dropped down" to approach the runway, it was "a little fast and had a very hard landing." The right main landing gear separated from the airplane before it bounced back into the air. The airplane continued down the runway on the left main and nose landing gear. The pilot shut down both engines as the airplane veered off the right side of the runway. The airplane then began moving "sideways," and the left main landing gear collapsed before the airplane came to rest. The operator did not report any preimpact mechanical failures or malfunctions of the airplane.

Pilot Information

Certificate:	Commercial	Age:	34, Male
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 2	Last FAA Medical Exam:	March 1, 2007
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	2660 hours (Total, all aircraft), 861 hours (Total, this make and model), 53 hours (Last 90 days, all aircraft), 53 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Beech	Registration:	N435A
Model/Series:	65-A90	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	LJ-229
Landing Gear Type:	Retractable - Tricycle	Seats:	
Date/Type of Last Inspection:		Certified Max Gross Wt.:	
Time Since Last Inspection:		Engines:	2 Turbo prop
Airframe Total Time:		Engine Manufacturer:	Pratt & Whitney Canada
ELT:		Engine Model/Series:	PT-6A-20
Registered Owner:	Pleasure Leasing LTD	Rated Power:	
Operator:		Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	MGJ,420 ft msl	Distance from Accident Site:	8 Nautical Miles
Observation Time:	10:54 Local	Direction from Accident Site:	240°
Lowest Cloud Condition:	1900 ft AGL	Visibility	7 miles
Lowest Ceiling:	Broken / 1900 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	/	Turbulence Type Forecast/Actual:	/
Wind Direction:		Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29.97 inches Hg	Temperature/Dew Point:	25°C / 20°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Calverton, NY (3C8)	Type of Flight Plan Filed:	None
Destination:	Wallkill, NY (N45)	Type of Clearance:	None
Departure Time:		Type of Airspace:	

Airport Information

Airport:	Kobelt Airport N45	Runway Surface Type:	Asphalt
Airport Elevation:	420 ft msl	Runway Surface Condition:	Dry
Runway Used:	3	IFR Approach:	Unknown
Runway Length/Width:	2864 ft / 50 ft	VFR Approach/Landing:	Full stop

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	2 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	3 None	Latitude, Longitude:	41.627777,-74.133613

Administrative Information

Investigator In Charge (IIC):	Diaz, Dennis
Additional Participating Persons:	Joe Yacko; FAA/FSDO; Albany, NY
Original Publish Date:	October 31, 2007
Last Revision Date:	
Investigation Class:	Class
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=66364

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