



National Transportation Safety Board Aviation Accident Data Summary

Location:	Teterboro, NJ	Accident Number:	NYC02LA101
Date & Time:	05/01/2002, 1325 EDT	Registration:	N4468N
Aircraft:	Cessna 182Q	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The pilot was performing a crosswind landing to runway 1. The pilot reported that the airplane landed hard, veered to the right and began to bounce, before coming to rest on the runway. The pilot described the bounces as "hard." Examination of the airplane revealed damage to the propeller, nose landing gear, and the firewall. The pilot did not report any mechanical problems with the airplane. Winds reported at the airport about the time of the accident were from 350 degrees at 15 knots, with 20 knot gusts.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's improper flare and his improper recovery from a bounced landing, which resulted in a hard landing. A factor in this accident was the crosswind condition.

Findings

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

Findings

1. (F) WEATHER CONDITION - CROSSWIND
2. (C) FLARE - IMPROPER - PILOT IN COMMAND
3. (C) RECOVERY FROM BOUNCED LANDING - IMPROPER - PILOT IN COMMAND

Pilot Information

Certificate:	Private	Age:	54
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	220 hours (Total, all aircraft), 9 hours (Total, this make and model), 135 hours (Pilot In Command, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N4468N
Model/Series:	182Q	Engines:	1 Reciprocating
Operator:	Paramus Flying Club	Engine Manufacturer:	Continental
Operating Certificate(s) Held:	None	Engine Model/Series:	0470-U
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	TEB, 9 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None	Wind Speed/Gusts, Direction:	15 knots / 20 knots, 350°
Temperature:	18° C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	Teterboro, NJ (TEB)	Destination:	Terboro, NJ (TEB)

Airport Information

Airport:	Teterboro Airport (TEB)	Runway Surface Type:	Asphalt
Runway Used:	010	Runway Surface Condition:	Dry
Runway Length/Width:	7000 ft / 150 ft		

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
Latitude, Longitude:	40.850000, -74.060833		

Administrative Information

Investigator In Charge (IIC):	Luke Schiada	Adopted Date:	01/16/2003
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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