



# National Transportation Safety Board Aviation Accident Final Report

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<b>Location:</b>	Lincoln Park, NJ	<b>Accident Number:</b>	ERA12CA004
<b>Date &amp; Time:</b>	10/02/2011, 1200 EDT	<b>Registration:</b>	N1835M
<b>Aircraft:</b>	CESSNA 182P	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Hard landing	<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

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## Analysis

The pilot stated that he was practicing takeoffs and landings, and during the landing, he flared too high and the airplane landed hard. A postaccident examination revealed substantial damage to the propeller, nose landing gear, and firewall. The pilot reported there were no mechanical malfunctions or failures with 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 landing flare.

## Findings

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<b>Aircraft</b>	Landing flare - Not attained/maintained (Cause)
<b>Personnel issues</b>	Incorrect action sequence - Pilot (Cause)

## Factual Information

### History of Flight

Landing-flare/touchdown	Hard landing (Defining event)
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### Pilot Information

Certificate:	Private	Age:	57, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Without Waivers/Limitations	Last Medical Exam:	03/01/2010
Occupational Pilot:	No	Last Flight Review or Equivalent:	05/02/2010
Flight Time:	585 hours (Total, all aircraft), 345 hours (Total, this make and model), 481 hours (Pilot In Command, all aircraft), 34 hours (Last 90 days, all aircraft), 9 hours (Last 30 days, all aircraft)		

### Aircraft and Owner/Operator Information

Aircraft Manufacturer:	CESSNA	Registration:	N1835M
Model/Series:	182P	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	18264459
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	04/13/2011, Annual	Certified Max Gross Wt.:	
Time Since Last Inspection:	11 Hours	Engines:	1 Reciprocating
Airframe Total Time:	4381 Hours	Engine Manufacturer:	CONT MOTOR
ELT:	Installed, not activated	Engine Model/Series:	O-470 SERIES
Registered Owner:	SINENSKY DR GARY	Rated Power:	230 hp
Operator:	SINENSKY DR GARY	Air Carrier Operating Certificate:	None

## Meteorological Information and Flight Plan

Observation Facility, Elevation:	CDW, 172 ft msl	Observation Time:	1153 EDT
Distance from Accident Site:	4 Nautical Miles	Condition of Light:	Day
Direction from Accident Site:	180°	Conditions at Accident Site:	Visual Conditions
Lowest Cloud Condition:	Scattered / 3300 ft agl	Temperature/Dew Point:	16°C / 8°C
Lowest Ceiling:	None	Visibility	10 Miles
Wind Speed/Gusts, Direction:	6 knots, 170°	Visibility (RVR):	
Altimeter Setting:	29.81 inches Hg	Visibility (RVV):	
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Lincoln Park, NJ (N07)	Type of Flight Plan Filed:	Unknown
Destination:	Lincoln Park, NJ (N07)	Type of Clearance:	None
Departure Time:	1130 EDT	Type of Airspace:	

## Airport Information

Airport:	Lincoln Park (N07)	Runway Surface Type:	Asphalt
Airport Elevation:	182 ft	Runway Surface Condition:	Dry
Runway Used:	19	IFR Approach:	None
Runway Length/Width:	2942 ft / 40 ft	VFR Approach/Landing:	Full Stop; Traffic Pattern

## 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		

## Administrative Information

Investigator In Charge (IIC):	Brian C Rayner	Adopted Date:	12/27/2011
Additional Participating Persons:	Markos Buttikofer; FAA/FSDO; Teterboro, NJ		
Publish Date:	12/27/2011		
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	<a href="http://dms.ntsb.gov/pubdms/search/dockList.cfm?mKey=81976">http://dms.ntsb.gov/pubdms/search/dockList.cfm?mKey=81976</a>		

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