



# National Transportation Safety Board Aviation Accident Data Summary

<b>Location:</b>	Mitchellville, MD	<b>Accident Number:</b>	NYC04CA175
<b>Date &amp; Time:</b>	07/21/2004, 2215 EDT	<b>Registration:</b>	N9476X
<b>Aircraft:</b>	Cessna 182R	<b>Injuries:</b>	2 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Instructional		

## Analysis

During an instructional flight with a certificated flight instructor for a night checkout, the private pilot flared "a little high," and the airplane stalled about 20 feet above the runway. The airplane touched down hard on the runway, and came to rest upright.

## Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The private pilot's inadequate flare, and the CFI's delayed remedial action, which resulted in an inadvertent stall/mush and hard landing. A factor related to the accident was the night conditions.

## Findings

Occurrence #1: HARD LANDING

Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

1. (F) LIGHT CONDITION - NIGHT
2. (C) FLARE - IMPROPER - PILOT IN COMMAND
3. (C) REMEDIAL ACTION - DELAYED - PILOT IN COMMAND(CFI)
4. (C) AIRSPEED - INADEQUATE - PILOT IN COMMAND(CFI)
5. STALL/MUSH - INADVERTENT - PILOT IN COMMAND

Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER

Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

6. TERRAIN CONDITION - RUNWAY

## Flight Instructor Information

<b>Certificate:</b>	Flight Instructor; Commercial	<b>Age:</b>	43
<b>Airplane Rating(s):</b>	Multi-engine Land; Single-engine Land	<b>Instrument Rating(s):</b>	Airplane
<b>Other Aircraft Rating(s):</b>	None	<b>Instructor Rating(s):</b>	Airplane Multi-engine; Airplane Single-engine; Instrument Airplane
<b>Flight Time:</b>	844 hours (Total, all aircraft), 75 hours (Total, this make and model)		

## Pilot Information

Certificate:	Private	Age:	27
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	147 hours (Total, all aircraft), 10 hours (Total, this make and model)		

## Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N9476X
Model/Series:	182R	Engines:	1 Reciprocating
Operator:	Civil Air Patrol	Engine Manufacturer:	Continental
Operating Certificate(s) Held:	None	Engine Model/Series:	O-470
Flight Conducted Under:	Part 91: General Aviation - Instructional		

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Night
Observation Facility, Elevation:	ADW	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None	Wind Speed/Gusts, Direction:	5 knots / , Variable
Temperature:	24° C	Visibility	7 Miles
Precipitation and Obscuration:			
Departure Point:	Fort Meade, MD (FME)	Destination:	Mitchellville, MD (W00)

## Airport Information

Airport:	Freeway Airport (W00)	Runway Surface Type:	Asphalt
Runway Used:	18	Runway Surface Condition:	Dry
Runway Length/Width:	2400 ft / 30 ft		

## Wreckage and Impact Information

Crew Injuries:	2 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:	38.946667, -76.776111		

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Stephen M Demko	<b>Adopted Date:</b>	10/28/2004
<b>Note:</b>	This accident report documents the factual circumstances of this accident as described to the NTSB.		
<b>Investigation Docket:</b>	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 <a href="mailto:pubinq@ntsb.gov">pubinq@ntsb.gov</a> , or at 800-877-6799. Dockets released after this date are available at <a href="http://dms.nts.gov/pubdms/">http://dms.nts.gov/pubdms/</a> .		

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