



# National Transportation Safety Board Aviation Accident Data Summary

<b>Location:</b>	Boise, ID	<b>Accident Number:</b>	WPR13LA111
<b>Date &amp; Time:</b>	02/02/2013, 1924 MST	<b>Registration:</b>	N8465L
<b>Aircraft:</b>	CESSNA T210L	<b>Injuries:</b>	2 Minor
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Other Work Use		

## Analysis

The pilot had been with the company about 2 weeks, and a pilot-rated passenger was on board the airplane to instruct the pilot on the use of the equipment associated with aerial survey work. The pilot had not previously flown this make/model airplane, so the passenger was also facilitating the pilot's understanding of the airplane and its individual characteristics. The pilot completed about 3 hours of survey work and then proceeded to the airport for an instrument landing system approach. The pilot reported that, as the airplane neared the decision height, he observed lights on the ground, which he believed were part of the airport environment, so he continued the approach. When he subsequently determined that the approach was unstable, it was too late to execute a missed approach, and he landed the airplane short of the runway. The airplane sustained substantial damage to the fuselage. The pilot and passenger safely exited the airplane.

## Flight Events

Landing-flare/touchdown - Abnormal runway contact

## Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's failure to maintain a proper glidepath and stabilized approach, which resulted in the airplane touching down short of the runway.

## Findings

Aircraft-Aircraft oper/perf/capability-Performance/control parameters-Descent/approach/glide path-Not attained/maintained - C  
Personnel issues-Action/decision-Action-Incorrect action performance-Pilot - C  
Environmental issues-Physical environment-Object/animal/substance-Runway/taxi/approach light-Effect on personnel

## Pilot Information

<b>Certificate:</b>	Flight Instructor; Commercial	<b>Age:</b>	33
<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>	1323 hours (Total, all aircraft), 27 hours (Total, this make and model), 33 hours (Last 90 days, all aircraft), 27 hours (Last 30 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Manufacturer:</b>	CESSNA	<b>Registration:</b>	N8465L
<b>Model/Series:</b>	T210L	<b>Engines:</b>	1 Reciprocating
<b>Operator:</b>	MAR-TECH ENGINEERING LLC	<b>Engine Manufacturer:</b>	CONT MOTOR
<b>Air Carrier Operating Certificate:</b>	None	<b>Engine Model/Series:</b>	TSIO-520 SER
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Other Work Use		

## Meteorological Information and Flight Plan

<b>Observation Facility, Elevation:</b>	KBOI, 2871 ft msl	<b>Weather Information Source:</b>	Weather Observation Facility
<b>Conditions at Accident Site:</b>	Instrument Conditions	<b>Lowest Ceiling:</b>	Indefinite (V V) / 100 ft agl
<b>Condition of Light:</b>	Night/Dark	<b>Wind Speed/Gusts, Direction:</b>	4 knots, 290°
<b>Temperature:</b>	-1°C / -1°C	<b>Visibility</b>	0 Miles
<b>Precipitation and Obscuration:</b>	Light - Freezing - Fog; No Precipitation		
<b>Departure Point:</b>	Twin Falls, ID (TWF)	<b>Destination:</b>	Boise, ID (BOI)

## Airport Information

<b>Airport:</b>	Boise Air Terminal (BOI)	<b>Runway Surface Type:</b>	Asphalt
<b>Runway Used:</b>	10R	<b>Runway Surface Condition:</b>	Dry
<b>Runway Length/Width:</b>	9763 ft / 150 ft		

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 Minor	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	1 Minor	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Howard D Plagens	<b>Adopted Date:</b>	06/22/2015
<b>Note:</b>	The NTSB did not travel to the scene of this accident.		
<b>Investigation Docket:</b>	<a href="http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=86125">http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=86125</a>		

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