



# National Transportation Safety Board Aviation Accident Data Summary

<b>Location:</b>	BOULDER, CO	<b>Accident Number:</b>	DEN99LA111
<b>Date &amp; Time:</b>	07/01/1999, 1515 MDT	<b>Registration:</b>	N4785F
<b>Aircraft:</b>	Piper PA-18-150	<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation -		

## Analysis

The pilot departed the airport with a glider in tow. After the glider was released, she returned for landing. She made a 'smooth wheel landing with no bounces,' and the aircraft rolled 'straight and smoothly' on the two main wheels. She felt the tail of the airplane begin to rise, and she pulled back on the stick, but stated that she was unable to get a response from the elevator. The aircraft continued to roll forward until the spinner impacted the pavement. The airplane then nosed over onto its back. The wind was calm during landing. In a telephone interview with the pilot shortly after the accident, she stated that the aircraft's wheels touched down twice on the runway prior to the third actual touchdown. Following the accident, a functional test of the elevator control system was performed. The elevator operated effectively, and no abnormalities or discrepancies were observed.

## Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's failure to maintain control of the aircraft during landing roll.

## Findings

Occurrence #1: NOSE OVER  
Phase of Operation: LANDING - ROLL

### Findings

1. (C) AIRCRAFT CONTROL - NOT MAINTAINED - PILOT IN COMMAND

## Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	41
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Instrument Rating(s):</b>	None
<b>Other Aircraft Rating(s):</b>	None	<b>Instructor Rating(s):</b>	None
<b>Flight Time:</b>	546 hours (Total, all aircraft), 43 hours (Total, this make and model), 430 hours (Pilot In Command, all aircraft), 16 hours (Last 90 days, all aircraft), 11 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Piper	<b>Registration:</b>	N4785F
<b>Model/Series:</b>	PA-18-150 PA-18-150	<b>Engines:</b>	1 Reciprocating
<b>Operator:</b>	SOARING SOCIETY OF BOULDER	<b>Engine Manufacturer:</b>	Lycoming
<b>Operating Certificate(s) Held:</b>	None	<b>Engine Model/Series:</b>	O-360-A3A
<b>Flight Conducted Under:</b>	Part 91: General Aviation -		

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual Conditions	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	BJC, 5670 ft msl	<b>Weather Information Source:</b>	Weather Observation Facility
<b>Lowest Ceiling:</b>	None / 0 ft agl	<b>Wind Speed/Gusts, Direction:</b>	4 knots / , Variable
<b>Temperature:</b>	31 °C	<b>Visibility</b>	15 Miles
<b>Precipitation and Obscuration:</b>			
<b>Departure Point:</b>	(1V5)	<b>Destination:</b>	

## Airport Information

<b>Airport:</b>	BOULDER MUNICIPAL AIRPORT (1V5)	<b>Runway Surface Type:</b>	Asphalt
<b>Runway Used:</b>	8	<b>Runway Surface Condition:</b>	Dry
<b>Runway Length/Width:</b>	4100 ft / 75 ft		

## Wreckage and Impact Information

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

Latitude, Longitude:

## Administrative Information

<b>Investigator In Charge (IIC):</b>	B. BEACH SCOTT	<b>Adopted Date:</b>	10/13/2000
<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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