Aviation Investigation Final Report

Location:	Bluff, Utah	**Accident Number:**	SEA08CA111
Date & Time:	April 24, 2008, 09:50 Local	**Registration:**	N134DD
Aircraft:	Aviat A-1C-200	**Aircraft Damage:**	Substantial
Defining Event:	Landing area overshoot	**Injuries:**	1 Minor, 1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

While landing at a 1,000-foot-long remote dirt airstrip, the pilot encountered gusting variable winds. He said that while focusing on compensating for those winds, he failed to slow the airplane sufficiently. After touchdown, the airplane ran off the end of the airstrip, encountered rocks, and nosed over onto its back.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's inadequate short-field landing procedure and excessive airspeed that resulted in a landing overrun. Contributing to the accident were gusting unfavorable winds, the short runway, and rocks off the departure end of the strip.

Findings

Environmental issues	Runway/landing area length - Not specified
Environmental issues	Gusts - Not specified
Aircraft	Crosswind correction - Not attained/maintained
Aircraft	Airspeed - Incorrect use/operation
Environmental issues	(general) - Not specified
Aircraft	Descent/approach/glide path - Not attained/maintained

Factual Information

History of Flight

Landing-landing roll	Landing area overshoot (Defining event)
Landing-landing roll	Nose over/nose down

Pilot Information

Certificate:	Private	**Age:**	59,Male
Airplane Rating(s):	Single-engine land; Multi-engine land	**Seat Occupied:**	
Other Aircraft Rating(s):	None	**Restraint Used:**	
Instrument Rating(s):	Airplane	**Second Pilot Present:**	
Instructor Rating(s):		**Toxicology Performed:**	No
Medical Certification:	Class 3	**Last FAA Medical Exam:**	January 1, 2008
Occupational Pilot:		**Last Flight Review or Equivalent:**	
Flight Time:	4073 hours (Total, all aircraft), 324 hours (Total, this make and model), 55 hours (Last 90 days, all aircraft), 20 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Aviat	**Registration:**	N134DD
Model/Series:	A-1C-200	**Aircraft Category:**	Airplane
Year of Manufacture:		**Amateur Built:**	
Airworthiness Certificate:	Normal	**Serial Number:**	3015
Landing Gear Type:	Tailwheel	**Seats:**	
Date/Type of Last Inspection:		**Certified Max Gross Wt.:**	
Time Since Last Inspection:		**Engines:**	1 Reciprocating
Airframe Total Time:		**Engine Manufacturer:**	Lycoming
ELT:		**Engine Model/Series:**	IO-360-A1D6
Registered Owner:	GJ Hangar, LLC	**Rated Power:**	
Operator:	John L. Moss	**Operating Certificate(s) Held:**	None
Operator Does Business As:	GJ Hangar, LLC	**Operator Designator Code:**	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	**Condition of Light:**	Day
Observation Facility, Elevation:		**Distance from Accident Site:**	
Observation Time:		**Direction from Accident Site:**	
Lowest Cloud Condition:	Clear	**Visibility**	10 miles
Lowest Ceiling:	None	**Visibility (RVR):**	
Wind Speed/Gusts:	5 knots / 20 knots	**Turbulence Type Forecast/Actual:**	/
Wind Direction:		**Turbulence Severity Forecast/Actual:**	/
Altimeter Setting:		**Temperature/Dew Point:**	21°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Bluff, UT (U66)	**Type of Flight Plan Filed:**	None
Destination:	Bluff, UT	**Type of Clearance:**	None
Departure Time:		**Type of Airspace:**	

Airport Information

Airport:	Zahn Bay NONE	**Runway Surface Type:**	Dirt
Airport Elevation:	3750 ft msl	**Runway Surface Condition:**	Dry
Runway Used:	04	**IFR Approach:**	None
Runway Length/Width:	1000 ft / 40 ft	**VFR Approach/Landing:**	Full stop

Wreckage and Impact Information

Crew Injuries:	1 Minor	**Aircraft Damage:**	Substantial
Passenger Injuries:	1 None	**Aircraft Fire:**	None
Ground Injuries:	N/A	**Aircraft Explosion:**	
Total Injuries:	1 Minor, 1 None	**Latitude, Longitude:**	37.221111,-110.546386

Administrative Information

Investigator In Charge (IIC):	Anderson, Orrin
Additional Participating Persons:	Federal Aviation Administration; Salt Lake City, UT
Original Publish Date:	May 28, 2008
Last Revision Date:	
Investigation Class:	Class
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.ntsb.gov/Docket?ProjectID=67887