



# National Transportation Safety Board Aviation Accident Factual Report

<b>Location:</b>	Greeley, CO	<b>Accident Number:</b>	DEN04LA144
<b>Date &amp; Time:</b>	09/02/2004, 0900 MDT	<b>Registration:</b>	N6XJ
<b>Aircraft:</b>	Aviat A-1	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

On September 2, 2004, at approximately 0900 mountain daylight time, an Aviat A-1, N6XJ, piloted by a private pilot, was substantially damaged when it nosed over during a landing 12 miles southeast of Greeley, Colorado, along the Platte River. Visual meteorological conditions prevailed at the time of the accident. The personal flight was being conducted under the provisions of Title 14 CFR Part 91 without a flight plan. The pilot reported no injuries. The cross-country flight originated from Longmont, Colorado, at approximately 0800.

According to the accident report submitted by the pilot, he had touched down short of his intended landing site and was rolling out when the nose wheel became stuck in the sand. The pilot stated that the landing surface was a "private unimproved site." The airplane nosed over and came to rest inverted near the river. Both wing struts were bent, three ribs in the right wing were crushed and the rudder fin and vertical stabilizer were crushed.

## Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	60, Male
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Seat Occupied:</b>	Front
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	Seatbelt, Shoulder harness
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 3 Valid Medical--no waivers/lim.	<b>Last FAA Medical Exam:</b>	04/14/2004
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	05/26/2004
<b>Flight Time:</b>	304 hours (Total, all aircraft), 235 hours (Total, this make and model), 285 hours (Pilot In Command, all aircraft), 19 hours (Last 90 days, all aircraft), 6 hours (Last 30 days, all aircraft), 4 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

Aircraft Make:	Aviat	Registration:	N6XJ
Model/Series:	A-1	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:		Serial Number:	1386
Landing Gear Type:		Seats:	2
Date/Type of Last Inspection:	03/20/2004, Annual	Certified Max Gross Wt.:	1800 lbs
Time Since Last Inspection:	30 Hours	Engines:	1 Reciprocating
Airframe Total Time:	527 Hours as of last inspection	Engine Manufacturer:	Lycoming
ELT:	Installed, not activated	Engine Model/Series:	O-360-A1P
Registered Owner:	On file	Rated Power:	180 hp
Operator:	On file	Operating Certificate(s) Held:	None

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	GXY, 4697 ft msl	Distance from Accident Site:	12 Nautical Miles
Observation Time:	0855 MDT	Direction from Accident Site:	150°
Lowest Cloud Condition:	Clear	Visibility	10 Miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	3 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	220°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29.99 inches Hg	Temperature/Dew Point:	16° C / 9° C
Precipitation and Obscuration:			
Departure Point:	LONGMONT, CO (2V2)	Type of Flight Plan Filed:	None
Destination:	Greeley, CO (GXY)	Type of Clearance:	None
Departure Time:	0800 MDT	Type of Airspace:	Class G

## Airport Information

Airport:	Private Strip	Runway Surface Type:	Dirt
Airport Elevation:		Runway Surface Condition:	Soft
Runway Used:	NA	IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	Full Stop; Straight-in

## 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
<b>Total Injuries:</b>	1 None	<b>Latitude, Longitude:</b>	40.350000, -104.408333

## Administrative Information

<b>Investigator In Charge (IIC):</b>	David C Bowling
<b>Additional Participating Persons:</b>	Eric Horstmeyer; FAA Flight Standards District Office; Denver, CO
<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> .