



## National Transportation Safety Board Aviation Accident Factual Report

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<b>Location:</b>	Lake Powell, UT	<b>Accident Number:</b>	SEA08CA002
<b>Date &amp; Time:</b>	10/02/2007, 1000 MDT	<b>Registration:</b>	N644BS
<b>Aircraft:</b>	Robinson R44 II	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	2 Minor

**Flight Conducted Under:** Part 91: General Aviation - Personal

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On October 2, 2007, about 1000 mountain daylight time, a Robinson R44 II N644BS, rolled over at a watercraft landing zone in Lake Powell, Utah. The pilot was operating the helicopter under the provisions of 14 CFR Part 91. The private pilot and one passenger sustained minor injuries; the helicopter sustained substantial damage. The local personal flight was departing Lake Powell with a planned destination of Page Municipal Airport, Page, Arizona. Visual meteorological conditions prevailed, and no flight plan had been filed.

In a written report to the National Transportation Safety Board, the pilot stated he was distracted during the preflight inspection and neglected to remove the left rear tie-down strap. Upon departure, he sensed the helicopter had a tendency to turn to the left. He noted that the helicopter was reacting in an uncontrolled manner. During an attempt to return from hover to the landing zone, the helicopter rolled and came to rest on its left side. The helicopter sustained substantial damage to the main rotors, tail boom, and cabin.

## Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	63, Male
<b>Airplane Rating(s):</b>	Multi-engine Land; Multi-engine Sea; Single-engine Land; Single-engine Sea	<b>Seat Occupied:</b>	Right
<b>Other Aircraft Rating(s):</b>	Helicopter	<b>Restraint Used:</b>	Seatbelt, Shoulder harness
<b>Instrument Rating(s):</b>	Airplane	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 3 Without Waivers/Limitations	<b>Last FAA Medical Exam:</b>	04/01/2007
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	02/01/2007
<b>Flight Time:</b>	6052 hours (Total, all aircraft), 1796 hours (Total, this make and model), 38 hours (Last 90 days, all aircraft), 15 hours (Last 30 days, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Robinson	<b>Registration:</b>	N644BS
<b>Model/Series:</b>	R44 II	<b>Aircraft Category:</b>	Helicopter
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	No
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	11642
<b>Landing Gear Type:</b>	Float	<b>Seats:</b>	4
<b>Date/Type of Last Inspection:</b>	05/01/2007, 100 Hour	<b>Certified Max Gross Wt.:</b>	2500 lbs
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	155 Hours at time of accident	<b>Engine Manufacturer:</b>	Lycoming
<b>ELT:</b>	Installed, not activated	<b>Engine Model/Series:</b>	IO-540-AE1A5
<b>Registered Owner:</b>	On file	<b>Rated Power:</b>	245 hp
<b>Operator:</b>	On file	<b>Operating Certificate(s) Held:</b>	None

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	PGA, 4316 ft msl	Distance from Accident Site:	
Observation Time:	0953 MST	Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	10 Miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	Calm /	Turbulence Type Forecast/Actual:	/
Wind Direction:		Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.28 inches Hg	Temperature/Dew Point:	17° C / 7° C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Lake Powell, UT	Type of Flight Plan Filed:	None
Destination:	Page, AZ (PGA)	Type of Clearance:	None
Departure Time:	1000 MDT	Type of Airspace:	

## Airport Information

Airport:	Watercraft LZ (NONE)	Runway Surface Type:	
Airport Elevation:		Runway Surface Condition:	
Runway Used:	NA	IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	None

## Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Substantial
Passenger Injuries:	1 Minor	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 Minor	Latitude, Longitude:	37.041111, -111.240556

## Administrative Information

Investigator In Charge (IIC):	Dennis J Hogenson
Additional Participating Persons:	Lewis Olson; Federal Aviation Administration; Salt Lake City, UT
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	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> .