


 National Transportation Safety Board FACTUAL REPORT AVIATION		NTSB ID: SEA97LA213		Aircraft Registration Number: N812AB	
		Occurrence Date: 09/21/1997		Most Critical Injury: Minor	
		Occurrence Type: Accident		Investigated By: NTSB	
Location/Time					
Nearest City/Place GOLDENDALE	State WA	Zip Code 98620	Local Time 1315	Time Zone PDT	
Airport Proximity: On Airport/Airstrip		Distance From Landing Facility: 0			
Aircraft Information Summary					
Aircraft Manufacturer BARRIGAR		Model/Series RV-6 /RV-6		Type of Aircraft Airplane	
Revenue Sightseeing Flight: No			Air Medical Transport Flight: No		
Narrative					
<p>Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:</p> <p>On September 21, 1997, approximately 1315 hours Pacific daylight time, a Barrigar homebuilt RV-6, N812AB, registered to and being flown by a private pilot, was substantially damaged during a loss of control on touchdown and subsequent nose over during the landing roll at the Goldendale airport, Goldendale, Washington. The pilot and his wife sustained minor injuries. No flight plan had been filed and visual meteorological conditions prevailed at the time of the accident. The flight, which was personal, was to have been operated under 14CFR91, and originated from Prineville, Oregon, approximately 1234 hours.</p> <p>The pilot reported that he touched down approximately 500 feet beyond the east end of the 3,490 foot long runway 25 and that his "flare was early and the plane bounced several time, 6 to 8." He reported that "When it (the aircraft) finally quit bouncing I was heading for the left side of the runway. I applied full right rudder but the plane's left wheel left the hard surface and ran into loose gravel along the edge of the runway." As the aircraft continued to pull to the left the pilot "applied full power and attempted to regain directional control and abort the landing." The aircraft then departed the left side of the runway, rolled down an embankment and nosed over in the soft terrain alongside the runway (refer to photograph 1).</p> <p>The pilot reported that the airport windsock was "hanging limp" at the time of the landing and there was no mechanical malfunction with his aircraft. He also reported in the "Recommendation" section of NTSB Form 6120.1/2 submitted (How could this accident have been prevented): "Add power after (the) first bounce and abort the landing."</p>					
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		Occurrence Type: Accident			
Landing Facility/Approach Information					
Airport Name GOLDENDALE	Airport ID: S20	Airport Elevation 1660 Ft. MSL	Runway Used 25	Runway Length 3490	Runway Width 40
Runway Surface Type: Asphalt					
Runway Surface Condition: Dry					
Approach/Arrival Flown: NONE					
VFR Approach/Landing: Full Stop; Traffic Pattern					
Aircraft Information					
Aircraft Manufacturer BARRIGAR		Model/Series RV-6 /RV-6		Serial Number 23759	
Airworthiness Certificate(s): Experimental (Special)					
Landing Gear Type: Tailwheel					
Amateur Built Acft? Yes	Number of Seats: 2	Certified Max Gross Wt. 1600 LBS		Number of Engines: 1	
Engine Type: Reciprocating	Engine Manufacturer: Lycoming		Model/Series: O-320	Rated Power: 160 HP	
- Aircraft Inspection Information					
Type of Last Inspection Annual	Date of Last Inspection 08/1997	Time Since Last Inspection 18 Hours		Airframe Total Time 30 Hours	
- Emergency Locator Transmitter (ELT) Information					
ELT Installed?/Type Yes /		ELT Operated? Yes	ELT Aided in Locating Accident Site? No		
Owner/Operator Information					
Registered Aircraft Owner BARRIGAR, ALAN, R.		Street Address 407 ORCHARD HEIGHTS LANE			
		City GOLDENDALE	State WA	Zip Code 98620	
Operator of Aircraft BARRIGAR, ALAN, R.		Street Address 407 ORCHARD HEIGHTS LANE			
		City GOLDENDALE	State WA	Zip Code 98620	
Operator Does Business As:			Operator Designator Code:		
- Type of U.S. Certificate(s) Held: None					
Air Carrier Operating Certificate(s):					
Operating Certificate:			Operator Certificate:		
Regulation Flight Conducted Under: Part 91: General Aviation					
Type of Flight Operation Conducted: Personal					
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First Pilot Information																																																																																																			
Name On File			City On File			State On File	Date of Birth On File	Age 53																																																																																											
Sex: M	Seat Occupied: Left		Occupational Pilot? Unknown				Certificate Number: On File																																																																																												
Certificate(s): Private																																																																																																			
Airplane Rating(s): Single-engine Land																																																																																																			
Rotorcraft/Glider/LTA: None																																																																																																			
Instrument Rating(s): None																																																																																																			
Instructor Rating(s): None																																																																																																			
Current Biennial Flight Review?																																																																																																			
Medical Cert.: Class 3		Medical Cert. Status: Valid Medical--w/ waivers/lim.				Date of Last Medical Exam: 11/1996																																																																																													
<table border="1"> <thead> <tr> <th rowspan="2">- Flight Time Matrix</th> <th rowspan="2">All A/C</th> <th rowspan="2">This Make and Model</th> <th rowspan="2">Airplane Single Engine</th> <th rowspan="2">Airplane Multi-Engine</th> <th rowspan="2">Night</th> <th colspan="2">Instrument</th> <th rowspan="2">Rotorcraft</th> <th rowspan="2">Glider</th> <th rowspan="2">Lighter Than Air</th> </tr> <tr> <th>Actual</th> <th>Simulated</th> </tr> </thead> <tbody> <tr> <td>Total Time</td> <td>165</td> <td>35</td> <td>165</td> <td></td> <td>3</td> <td></td> <td>3</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Pilot In Command(PIC)</td> <td>96</td> <td>30</td> <td>96</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Instructor</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Instruction Received</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 90 Days</td> <td>16</td> <td>16</td> <td>16</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 30 Days</td> <td>16</td> <td>16</td> <td>16</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 24 Hours</td> <td>2</td> <td>2</td> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>										- Flight Time Matrix	All A/C	This Make and Model	Airplane Single Engine	Airplane Multi-Engine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air	Actual	Simulated	Total Time	165	35	165		3		3				Pilot In Command(PIC)	96	30	96								Instructor											Instruction Received											Last 90 Days	16	16	16								Last 30 Days	16	16	16								Last 24 Hours	2	2	2							
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Seatbelt Used? Yes		Shoulder Harness Used? Yes			Toxicology Performed? No			Second Pilot? No																																																																																											
Flight Plan/Itinerary																																																																																																			
Type of Flight Plan Filed: None																																																																																																			
Departure Point		PRINEVILLE			State OR	Airport Identifier S39	Departure Time 1234	Time Zone PDT																																																																																											
Destination		Same as Accident/Incident Location			State	Airport Identifier S20																																																																																													
Type of Clearance: None																																																																																																			
Type of Airspace: Class G																																																																																																			
Weather Information																																																																																																			
Source of Wx Information:																																																																																																			

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Weather Information					
WOF ID	Observation Time	Time Zone	WOF Elevation	WOF Distance From Accident Site	Direction From Accident Site
DLS	1249	PDT	243 Ft. MSL	19 NM	195 Deg. Mag.
Sky/Lowest Cloud Condition: Clear				0 Ft. AGL	Condition of Light: Day
Lowest Ceiling: None			0 Ft. AGL	Visibility: 30 SM	Altimeter: 30.00 "Hg
Temperature: 26 °C		Dew Point: 9 °C	Weather Conditions at Accident Site: Visual Conditions		
Wind Direction:		Wind Speed: Calm		Wind Gusts:	
Visibility (RVR): 0 Ft.		Visibility (RVV) 0 SM			
Precip and/or Obscuration:					

Accident Information					
Aircraft Damage: Substantial		Aircraft Fire: None		Aircraft Explosion: None	

- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL	
First Pilot			1		1	
Second Pilot						
Student Pilot						
Flight Instructor						
Check Pilot						
Flight Engineer						
Cabin Attendants						
Other Crew						
Passengers			1		1	
- TOTAL ABOARD -			2		2	
Other Ground	0	0	0		0	
- GRAND TOTAL -	0	0	2		2	

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Occurrence Type: Accident

Administrative Information

Investigator-In-Charge (IIC)

STEVEN A. MCCREARY

Additional Persons Participating in This Accident/Incident Investigation:

RON HOLLOWAY
HILLSBORO, OR