

		NTSB ID: CHI08LA067		Aircraft Registration Number: N617MZ	
		Occurrence Date: 01/12/2008		Most Critical Injury: Serious	
		Occurrence Type: Accident		Investigated By: NTSB	
Location/Time					
Nearest City/Place Garrison	State MN	Zip Code 56401	Local Time 1238	Time Zone CST	
Airport Proximity: Off Airport/Airstrip		Distance From Landing Facility:			
Aircraft Information Summary					
Aircraft Manufacturer Ziermann		Model/Series RV8		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 January 12, 2008, about 1238 central standard time, N617MZ, an experimental amateur-built Ziermann RV8 airplane, operated by a private pilot, sustained substantial damage on impact with Round Lake during a forced landing following an in-flight loss of engine power near Garrison, Minnesota. The 14 CFR Part 91 personal flight was operating in visual meteorological conditions. No flight plan was on file. The pilot received serious injuries. The flight originated about 1215 from the Brainerd Lakes Regional Airport, near Brainerd, Minnesota, and was destined for the Winsted Municipal Airport, near Winsted, Minnesota.</p> <p>The Aitkin County Sheriff's interview of a witness who was fishing on Round Lake, in part, stated:</p> <p>[The witness] was outside of his fish house, when he heard this plane, the engine was sputtering, that was traveling east. [The witness] stated, the plane then banked hard right, and went down on the ice. [The witness] stated, the plane was almost flat when it hit the ice. When it hit, debris started to fly around, and the plane spun around, and slid to a stop.</p> <p>The pilot's accident report stated, "Headed home after eating lunch, no indication of any trouble up to that point." The pilot reported that he departed on the flight with 30 gallons of 100 low lead aviation gasoline on board the airplane.</p> <p>A Lycoming IO-360 engine with serial number L-20187-51A powered the airplane. The airplane's last conditional inspection was conducted on October 7, 2007. The pilot reported that the airplane had accumulated 279.5 hours of total time at the time of the accident.</p> <p>Engine logbook entries show that the engine was previously installed on a Lake LA-4-200, N3027P. An entry dated May 7, 1996, indicated that the Lake LA-4-200 airplane was destroyed in an accident and that the engine had accumulated a total time of 1,529.0 hours. The endorsement on the engine logbook's next page showed maintenance actions that included an inspection of cylinder compression. That page was signed off with the accident pilot's name, certificate number, and signature.</p> <p>Federal Aviation Administration inspectors examined the airplane wreckage. Flight and engine control continuity was established. No pre-impact anomalies were detected.</p>					
FACTUAL REPORT - AVIATION					
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 <b>National Transportation Safety Board</b> <b>FACTUAL REPORT</b> <b>AVIATION</b>		NTSB ID: CHI08LA067				
		Occurrence Date: 01/12/2008				
		Occurrence Type: Accident				
<b>Landing Facility/Approach Information</b>						
Airport Name		Airport ID:	Airport Elevation Ft. MSL	Runway Used	Runway Length	Runway Width
Runway Surface Type: Ice						
Runway Surface Condition: Ice						
Approach/Arrival Flown: NONE						
VFR Approach/Landing: Forced Landing						
<b>Aircraft Information</b>						
Aircraft Manufacturer Ziermann		Model/Series RV8		Serial Number 81064		
Airworthiness Certificate(s): Experimental (Special)						
Landing Gear Type: Tailwheel						
Amateur Built Acft? Yes		Number of Seats: 2	Certified Max Gross Wt. 1800 LBS		Number of Engines: 1	
Engine Type: Reciprocating		Engine Manufacturer: Lycoming		Model/Series: IO-360-A1B	Rated Power: 200 HP	
- Aircraft Inspection Information						
Type of Last Inspection Conditional		Date of Last Inspection 10/2007	Time Since Last Inspection Hours		Airframe Total Time 279.5 Hours	
- Emergency Locator Transmitter (ELT) Information						
ELT Installed?/Type Yes /		ELT Operated?	ELT Aided in Locating Accident Site? No			
<b>Owner/Operator Information</b>						
Registered Aircraft Owner		Street Address				
Pilot		City Mayer		State MN	Zip Code 55360	
Operator of Aircraft		Street Address				
Pilot		City Mayer		State MN	Zip Code 55360	
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						

 <p><b>National Transportation Safety Board</b> <b>FACTUAL REPORT</b> <b>AVIATION</b></p>	NTSB ID: CHI08LA067
	Occurrence Date: 01/12/2008
	Occurrence Type: Accident

**First Pilot Information**

Name On File	City On File	State On File	Date of Birth On File	Age 63
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Sex: M	Seat Occupied: Front	Occupational Pilot?	Certificate Number: On File
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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? 03/2008

Medical Cert.: Class 3	Medical Cert. Status: Without Waivers/Limitations	Date of Last Medical Exam: 05/2007
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- 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		280								
Pilot In Command(PIC)										
Instructor										
Instruction Received										
Last 90 Days		42								
Last 30 Days		7								
Last 24 Hours		1								

Seatbelt Used? Yes	Shoulder Harness Used? Yes	Toxicology Performed? No	Second Pilot? No
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**Flight Plan/Itinerary**

Type of Flight Plan Filed: None

Departure Point BRAINERD	State MN	Airport Identifier BRD	Departure Time 1215	Time Zone CST
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Destination WINSTED	State MN	Airport Identifier 10D	
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Type of Clearance: None

Type of Airspace:

**Weather Information**

Source of Wx Information:

TV/Radio Weather

 <b>National Transportation Safety Board</b> <b>FACTUAL REPORT</b> <b>AVIATION</b>	NTSB ID: CHI08LA067
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<b>Weather Information</b>					
WOF ID	Observation Time	Time Zone	WOF Elevation	WOF Distance From Accident Site	Direction From Accident Site
BRD	1206	CST	1232 Ft. MSL	20 NM	270 Deg. Mag.
Sky/Lowest Cloud Condition:			Ft. AGL	Condition of Light: Day	
Lowest Ceiling: Overcast		1100 Ft. AGL		Visibility: 8 SM	Altimeter: 30.01 "Hg
Temperature: -6 °C	Dew Point: -9 °C	Weather Conditions at Accident Site: Visual Conditions			
Wind Direction: 360		Wind Speed: 5		Wind Gusts:	
Visibility (RVR): Ft.		Visibility (RVV) SM			
Precip and/or Obscuration: No Obscuration; No Precipitation					

<b>Accident Information</b>		
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					
- TOTAL ABOARD -		1			1
Other Ground					
- GRAND TOTAL -		1			1

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National Transportation Safety Board

**FACTUAL REPORT**

**AVIATION**



NTSB ID: CHI08LA067

Occurrence Date: 01/12/2008

Occurrence Type: Accident

Administrative Information

Investigator-In-Charge (IIC)

Edward F. Malinowski

Additional Persons Participating in This Accident/Incident Investigation:

Autrey O Ivy  
Federal Aviation Administration  
Minneapolis, MN