

 <b>National Transportation Safety Board</b> <b>FACTUAL REPORT</b> <b>AVIATION</b>		NTSB ID: MIA01LA044		Aircraft Registration Number: N139CG	
		Occurrence Date: 12/16/2000		Most Critical Injury: None	
		Occurrence Type: Accident		Investigated By: NTSB	
<b>Location/Time</b>					
Nearest City/Place HILTON HEAD ISL		State SC	Zip Code 29925	Local Time 1450	Time Zone EST
Airport Proximity: On Airport		Distance From Landing Facility:		Direction From Airport:	
<b>Aircraft Information Summary</b>					
Aircraft Manufacturer Aero Vodochody Aero. Works		Model/Series L-39C		Type of Aircraft Airplane	
Sightseeing Flight: No			Air Medical Transport Flight: No		
<b>Narrative</b>					
<p>Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:</p> <p>On December 16, 2000, about 1450 eastern standard time, an Aero Vodochody L39C, N139CG, registered to Glastonbury Aviation LLC, and operated as a Title 14 CFR Part 91 personal flight, had its landing gear collapse during landing at Hilton Head Airport, Hilton Head, South Carolina. Visual meteorological conditions prevailed, and no flight plan was filed. The aircraft incurred substantial damage, and the commercial-rated pilot, the sole occupant of the aircraft was not injured. The flight originated the same day, about 1420.</p> <p>The pilot stated that he had been flying for about 20 minutes east of the Hilton Head Airport, over the ocean, when he became concerned that fog may be moving into the airport area, so he returned for a landing. The pilot further stated that during the landing preparations he did not extend the landing gear on the downwind leg as he normally did, and he realized he had not done so late, just prior to landing. He said the landing gear touched the runway before it was fully extended and locked. According to the pilot, the landing gear collapsed, and the aircraft slid to a stop on the runway, incurring substantial damage. The pilot said that no mechanical malfunctions existed with either the aircraft, or its systems prior to the accident.</p>					
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<b>Landing Facility/Approach Information</b>					
Airport Name HIILTON HEAD	Airport ID: HXD	Airport Elevation 19 Ft. MSL	Runway Used 21	Runway Length 4300	Runway Width 75
Runway Surface Type: Asphalt					
Runway Surface Condition: Dry					
Type Instrument Approach: NONE					
VFR Approach/Landing: Full Stop; Traffic Pattern					
<b>Aircraft Information</b>					
Aircraft Manufacturer Aero Vodochody Aero. Works		Model/Series L-39C		Serial Number 332748	
Airworthiness Certificate(s): Experimental (Special)					
Landing Gear Type: Retractable - Tricycle					
Homebuilt Aircraft? No	Number of Seats: 2	Certified Max Gross Wt. 10000 LBS	Number of Engines: 1		
Engine Type: Turbo Jet	Engine Manufacturer:	Model/Series: AI-25-TL	Rated Power: 23800 LBS		
- Aircraft Inspection Information					
Type of Last Inspection 100 Hour	Date of Last Inspection	Time Since Last Inspection 15 Hours	Airframe Total Time Hours		
- Emergency Locator Transmitter (ELT) Information					
ELT Installed?	ELT Operated?	ELT Aided in Locating Accident Site?			
<b>Owner/Operator Information</b>					
Registered Aircraft Owner CHRISTOS I. GRIGORIOU		Street Address 439 STANLEY DRIVE			
		City GLASTONBURY	State CT	Zip Code 06033	
Operator of Aircraft Same as Reg'd Aircraft Owner		Street Address Same as Reg'd Aircraft Owner			
		City	State	Zip Code	
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 61
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Sex: M	Seat Occupied: Front	Principal Profession: Business	Certificate Number: On File
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Certificate(s): Flight Instructor; Commercial

Airplane Rating(s): Multi-engine Land; Single-engine Land

Rotorcraft/Glider/LTA: Glider

Instrument Rating(s): Airplane

Instructor Rating(s): Airplane Single-engine

Type Rating/Endorsement for Accident/Incident Aircraft?	Current Biennial Flight Review?
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Medical Cert.: Class 2	Medical Cert. Status: Valid Medical--w/ waivers/lim.	Date of Last Medical Exam: 10/02/2000
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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	4108	125	1500	2607	500	900		50		
Pilot In Command(PIC)	4050	125	1500	2550	500	890				
Instructor	110		110							
Last 90 Days	33	14	21	12	8	8				
Last 30 Days	9		2	8	3	6				
Last 24 Hours										

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

Type of Flight Plan Filed: None

Departure Point Same as Accident/Incident Location	State	Airport Identifier HXD	Departure Time 1420	Time Zone EST
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Destination Local Flight	State	Airport Identifier	
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Type of Clearance: None

Type of Airspace: Class E

**Weather Information**

Source of Briefing:

Method of Briefing:

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**Weather Information**

WOF ID	Observation Time	Time Zone	WOF Elevation	WOF Distance From Accident Site	Direction From Accident Site
SAV	1453	EST	50 Ft. MSL	30 NM	258 Deg. Mag.
Sky/Lowest Cloud Condition: Scattered			7500 Ft. AGL	Condition of Light: Day	
Lowest Ceiling: None			0 Ft. AGL	Visibility: 10 SM	Altimeter: 30.00 "Hg
Temperature: 22 °C	Dew Point: 19 °C	Wind Direction: 170		Density Altitude: 800 Ft.	
Wind Speed: 7	Gusts:	Weather Conditions at Accident Site: Visual Conditions			
Visibility (RVR): 0 Ft.	Visibility (RVV) 0 SM	Intensity of Precipitation: Unknown			
Restrictions to Visibility: None					
Type of Precipitation: None					

**Accident Information**

Aircraft Damage:	Aircraft Fire:	Aircraft Explosion
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**Classification:**

- 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	0	0	0		0
- GRAND TOTAL -	0	0	0	1	1

National Transportation Safety Board

**FACTUAL REPORT**

**AVIATION**



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Occurrence Type: Accident

Administrative Information

Investigator-In-Charge (IIC)

JOHN W. LOVELL

Additional Persons Participating in This Accident/Incident Investigation:

SCOTT CAMP

FAA FSDO

W. COLUMBIA, SC 29170