


		NTSB ID: LAX08LA181		Aircraft Registration Number: N9393S	
		Occurrence Date: 06/14/2008		Most Critical Injury: Fatal	
		Occurrence Type: Accident		Investigated By: NTSB	
Location/Time					
Nearest City/Place Dunn		State NC	Zip Code 28334	Local Time 0630	Time Zone EDT
Airport Proximity: On Airport/Airstrip		Distance From Landing Facility:			
Aircraft Information Summary					
Aircraft Manufacturer Airborne		Model/Series Edge		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>*** Note: NTSB investigators may not have traveled in support of this investigation and used data provided by various sources to prepare this aircraft accident report. ***</p> <p>On June 14, 2008, approximately 0630 eastern daylight time, an Airborne Edge (Experimental Light Sport A) weight-shift control airplane, N9393S, was substantially damaged when it impacted terrain during a go-around at a private field near Dunn, North Carolina. The student pilot, the sole occupant of the airplane, was killed. The airplane was registered to, and operated by, the pilot under the provisions of 14 Code of Federal Regulations Part 91. Visual meteorological conditions prevailed, and no flight plan was filed for the supervised solo flight. The local flight originated from the private field about 5 minutes prior to the accident.</p> <p>In a written statement, the flight instructor who was supervising the student pilot's first solo flight reported that the pilot departed and remained within the traffic pattern with no apparent difficulties. The pilot appeared to conduct a stable approach to landing. The instructor stated just before the airplane was going to touch down, the pilot applied full power to initiate a go-around and the airplane began to turn to the left. Subsequently, the left wing struck the ground and the airplane cartwheeled before coming to rest. The pilot was extracted from the wreckage and transported to a local hospital where he later succumbed to his injuries.</p> <p>Examination of the airplane by a Federal Aviation Administration (FAA) inspector revealed that all components of the airplane exhibited impact related damage. No anomalies were observed with the airplane's flight control system.</p> <p>The student pilot's flight instructor reported that prior to the accident, the pilot had received about 16 hours of flight training in weight-shift control airplanes, and had accumulated about 85 hours of flight time in powered parachutes. The flight instructor stated that the airplane was equipped with a two-cycle engine, which produced left-hand torque and turning tendencies. He added that the student pilot had been instructed on compensation techniques for the left torque and turning tendencies prior to his solo flight.</p> <p>Witnesses reported that the weather at the time of the accident was clear sky and calm wind.</p> <p>The Office of the Chief Medical Examiner, Chapel Hill, North Carolina, conducted an autopsy on the pilot on June 15, 2008. The medical examiner determined that the cause of death was "Blunt force trauma."</p> <p>The FAA's Civil Aeromedical Institute (CAMI) in Oklahoma City, Oklahoma, performed toxicology tests on the pilot. According to CAMI's report, carbon monoxide, cyanide, volatiles, and drugs were tested with positive results for 12 (mg/dl, mg/hg) of Ethanol in the blood, 16 (mg/dl, mg/hg) of Ethanol in the liver, 2 (mg/dL, mg/hg) N-Propanol in the liver and 8 (mg/dL, mg/hg) N-Propanol in the blood.</p>					
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Narrative (Continued)

It was also reported that no ethanol was detected in the Vitreous and that the ethanol "found in this case is [was] from sources other than ingestion." The test was also positive for unspecified amounts of Atropine and Etomidate within the blood and liver.  
Updated on Apr 16 2009 8:35AM

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<b>Landing Facility/Approach Information</b>					
Airport Name Private	Airport ID:	Airport Elevation Ft. MSL	Runway Used 36	Runway Length 1800	Runway Width 100
Runway Surface Type: Grass/turf					
Runway Surface Condition: Dry					
Approach/Arrival Flown: NONE					
VFR Approach/Landing: Go Around; Traffic Pattern					
<b>Aircraft Information</b>					
Aircraft Manufacturer Airborne		Model/Series Edge		Serial Number 503302	
Airworthiness Certificate(s): Experimental Light Sport					
Landing Gear Type: Tricycle					
Amateur Built Acft? No	Number of Seats: 2	Certified Max Gross Wt. 992 LBS		Number of Engines: 1	
Engine Type: Reciprocating		Engine Manufacturer: Rotax		Model/Series: 503	
				Rated Power: 50 HP	
- Aircraft Inspection Information					
Type of Last Inspection Annual		Date of Last Inspection	Time Since Last Inspection Hours		Airframe Total Time 262 Hours
- Emergency Locator Transmitter (ELT) Information					
ELT Installed?/Type No		ELT Operated?	ELT Aided in Locating Accident Site?		
<b>Owner/Operator Information</b>					
Registered Aircraft Owner Charles R. Zeigra		Street Address			
		City Raleigh	State NC	Zip Code 27909	
Operator of Aircraft Charles R. Zeigra		Street Address			
		City Raleigh	State NC	Zip Code 27909	
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: Instructional					

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**First Pilot Information**

Name On File	City On File	State On File	Date of Birth On File	Age 59
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Sex: M	Seat Occupied: Front	Occupational Pilot? No	Certificate Number: On File
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Certificate(s): Student

Airplane Rating(s): None

Rotorcraft/Glider/LTA: None

Instrument Rating(s): None

Instructor Rating(s): None

Current Biennial Flight Review?

Medical Cert.: None	Medical Cert. Status:	Date of Last Medical Exam:
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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	101	16								
Pilot In Command(PIC)	85									
Instructor										
Instruction Received										
Last 90 Days										
Last 30 Days										
Last 24 Hours	4									

Seatbelt Used? Yes	Shoulder Harness Used? No	Toxicology Performed? Yes	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 PRIV	Departure Time 0630	Time Zone EDT
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Destination Local Flight	State NC	Airport Identifier PRIV	
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Type of Clearance: None

Type of Airspace:

**Weather Information**

U.S. Source of Wx Information:  
Unknown

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**Weather Information**

WOF ID	Observation Time	Time Zone	WOF Elevation	WOF Distance From Accident Site	Direction From Accident Site
HRJ	0621	EDT	202 Ft. MSL	18 NM	290 Deg. Mag.
Sky/Lowest Cloud Condition: Clear			Ft. AGL	Condition of Light: Day	
Lowest Ceiling: None		Ft. AGL	Visibility: 10	SM	Altimeter: 30.10 "Hg
Temperature: 22 °C	Dew Point: 21 °C	Weather Conditions at Accident Site: Visual Conditions			
Wind Direction: Variable	Wind Speed: Calm	Wind Gusts:			
Visibility (RVR): Ft.	Visibility (RVV) SM				
Precip and/or Obscuration: No Obscuration; No Precipitation					

**Accident Information**

Aircraft Damage: Substantial	Aircraft Fire: None	Aircraft Explosion: None
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- 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

National Transportation Safety Board

**FACTUAL REPORT**  
**AVIATION**



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Administrative Information

Investigator-In-Charge (IIC)

James F. Struhsaker

Additional Persons Participating in This Accident/Incident Investigation:

Wayne Strader  
Federal Aviation Administration  
Greensboro, NC