

		NTSB ID: MIA99LA201		Aircraft Registration Number: N19222		
		Occurrence Date: 07/24/1999		Most Critical Injury: Serious		
		Occurrence Type: Accident		Investigated By: NTSB		
Location/Time						
Nearest City/Place ORMOND BEACH		State FL	Zip Code 32173	Local Time 0325	Time Zone EDT	
Airport Proximity: Off Airport/Airstrip		Distance From Landing Facility:				
Aircraft Information Summary						
Aircraft Manufacturer Cessna		Model/Series 150L /150L		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 July 24, 1999, about 0325 eastern daylight time, a Cessna 150L, N19222, registered to Ormond Beach Aviation Inc., was substantially damaged during a forced landing, near Ormond Beach, Florida. The commercial-rated pilot and dual student pilot reported serious injuries. Visual meteorological conditions (VMC) prevailed in the vicinity, and no flight plan had been filed. The local instructional flight was being conducted in accordance with Title 14 CFR Part 91. The flight had originated from the Ormond Beach Airport, at an unknown time.</p> <p>The flight was conducted as an instructional flight for the purpose of giving the student a night check-out. At 0324, a "MAYDAY" call was made by one of the pilots to Daytona Airport. The flight had been flying in the traffic pattern at Ormond Beach, when the airplane's engine lost power. The pilot put the airplane down on a road adjacent to the Ormond Beach Mall about 1/2 mile southwest of the airport. The airplane impacted the ground and nosed over. Examination of the wreckage revealed that fuel was present in the fuel tanks.</p> <p>The engine was examined under the supervision of the FAA at Ormond Beach Aviation's facility, Ormond Beach, Florida, on July 28, 1999. The examination revealed that the No. 2 exhaust valve was stuck in the open position. According to the FAA inspector's statement, "...the No. 2 exhaust valve was stuck open which led to a loss of power." Further examination of the cylinder revealed no discrepancies were found in the valve stem, valve guide size, or part numbers.</p> <p>Toxicological tests were conducted on both pilots at the Federal Aviation Administration, Research Laboratory, Oklahoma City, Oklahoma, and revealed, "No ethanol or drugs detected in Blood."</p> <p>Neither crewmember gave their version of the accident or made any statements. The FAA inspector stated, "the flight instructor suffered a head injury and could not remember the accident. The student [pilot] refused to speak with the FAA and returned to England a few days after the accident."</p>						
FACTUAL REPORT - AVIATION						
					Page 1	

 <b>National Transportation Safety Board</b> <b>FACTUAL REPORT</b> <b>AVIATION</b>		NTSB ID: MIA99LA201			
		Occurrence Date: 07/24/1999			
		Occurrence Type: Accident			
<b>Landing Facility/Approach Information</b>					
Airport Name	Airport ID:	Airport Elevation	Runway Used	Runway Length	Runway Width
ORMOND BEACH	OMA	28 Ft. MSL	0		
Runway Surface Type:					
Runway Surface Condition:					
Approach/Arrival Flown: NONE					
VFR Approach/Landing: Traffic Pattern					
<b>Aircraft Information</b>					
Aircraft Manufacturer		Model/Series		Serial Number	
Cessna		150L /150L		15074249	
Airworthiness Certificate(s): Normal					
Landing Gear Type: Tricycle					
Amateur Built Acft? No	Number of Seats: 2	Certified Max Gross Wt.	1600 LBS	Number of Engines: 1	
Engine Type:	Engine Manufacturer:	Model/Series:	Rated Power:		
Reciprocating	Continental	O-200A	100 HP		
- Aircraft Inspection Information					
Type of Last Inspection	Date of Last Inspection	Time Since Last Inspection	Airframe Total Time		
100 Hour	06/1999	66 Hours	12878 Hours		
- Emergency Locator Transmitter (ELT) Information					
ELT Installed?/Type Yes /	ELT Operated? No	ELT Aided in Locating Accident Site?			
<b>Owner/Operator Information</b>					
Registered Aircraft Owner		Street Address			
ORMOND BEACH AVIATION INC.		770 AIRPORT RD STE 7			
		City	State	Zip Code	
		ORMOND BEACH	FL	32174	
Operator of Aircraft		Street Address			
ORMOND BEACH AVIATION INC.		770 AIRPORT RD STE 7			
		City	State	Zip Code	
		ORMOND BEACH	FL	32174	
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					

 <p><b>National Transportation Safety Board</b> <b>FACTUAL REPORT</b> <b>AVIATION</b></p>	NTSB ID: MIA99LA201
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**First Pilot Information**

Name On File	City On File	State On File	Date of Birth On File	Age 33
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Sex: M	Seat Occupied: Right	Occupational Pilot? Civilian Pilot	Certificate Number: On File
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Certificate(s): Flight Instructor; Commercial

Airplane Rating(s): Single-engine Land

Rotorcraft/Glider/LTA: None

Instrument Rating(s): Airplane

Instructor Rating(s): Airplane Single-engine

Current Biennial Flight Review?

Medical Cert.: Class 1	Medical Cert. Status: Valid Medical--no waivers/lim.	Date of Last Medical Exam: 01/1999
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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	600	320	600							
Pilot In Command(PIC)										
Instructor	320		320							
Instruction Received										
Last 90 Days	102	102	102							
Last 30 Days	17	17	17							
Last 24 Hours	3	3	3							

Seatbelt Used? Yes	Shoulder Harness Used? Yes	Toxicology Performed? Yes	Second Pilot? Yes
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**Flight Plan/Itinerary**

Type of Flight Plan Filed: None

Departure Point Same as Accident/Incident Location	State	Airport Identifier OMN	Departure Time 0000	Time Zone
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Destination Local Flight	State	Airport Identifier	
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Type of Clearance: None

Type of Airspace:

**Weather Information**

Source of Wx Information:

 <p><b>National Transportation Safety Board</b> <b>FACTUAL REPORT</b> <b>AVIATION</b></p>	NTSB ID: MIA99LA201
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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
DAB	0353	EDT	28 Ft. MSL	5 NM	360 Deg. Mag.
Sky/Lowest Cloud Condition: Clear			0 Ft. AGL	Condition of Light: Night/Dark	
Lowest Ceiling: None		0 Ft. AGL		Visibility: 5 SM	Altimeter: 29.00 "Hg
Temperature: 25 °C	Dew Point: 23 °C	Weather Conditions at Accident Site: Visual Conditions			
Wind Direction: 190		Wind Speed: 3		Wind Gusts:	
Visibility (RVR): 0 Ft.		Visibility (RVV) 0 SM			
Precip and/or Obscuration:					

<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		1			1
Flight Instructor					
Check Pilot					
Flight Engineer					
Cabin Attendants					
Other Crew					
Passengers					
- TOTAL ABOARD -		2			2
Other Ground	0	0	0		0
- GRAND TOTAL -	0	2	0		2

National Transportation Safety Board

**FACTUAL REPORT**

**AVIATION**



NTSB ID: MIA99LA201

Occurrence Date: 07/24/1999

Occurrence Type: Accident

Administrative Information

Investigator-In-Charge (IIC)

ALAN J. YURMAN

Additional Persons Participating in This Accident/Incident Investigation:

RON MORGAN

ORLANDO, FL