

		NTSB ID: ATL03LA033		Aircraft Registration Number: N235BW		
		Occurrence Date: 01/10/2003		Most Critical Injury: Minor		
		Occurrence Type: Accident		Investigated By: NTSB		
Location/Time						
Nearest City/Place Melbourne		State FL	Zip Code 31901	Local Time 1305	Time Zone EST	
Airport Proximity: On Airport		Distance From Landing Facility: 0		Direction From Airport: 0		
Aircraft Information Summary						
Aircraft Manufacturer Shaw		Model/Series Atlantica 235FG		Type of Aircraft Airplane		
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 10, 2003, at 1305 eastern standard time, a Shaw Atlantica 235FG, N235BW, registered to and operated by a private owner, collided with the ground shortly after liftoff from runway 27R at Melbourne International Airport, in Melbourne, Florida. The inadvertent flight operated under the provisions of Title 14 CFR Part 91 with no flight plan filed. Visual weather conditions prevailed at the time of the accident. The airplane was substantially damaged, and the private pilot received minor injuries. The airplane departed Melbourne, Florida, on January 10, 2003 at the approximate time of the accident.</p> <p>According to the pilot, the purpose of the airplane operation was to complete high speed taxi maneuvers as part of the aircraft certification requirement. The pilot said there was no intention of flight. However, during the high speed taxi, the pilot raised the nose of the airplane and it became airborne. The airplane climbed with a high angle of attack to approximately 100 feet. The pilot then reduced the power to idle and lowered the airplane nose. The airplane collided with the ground as the pilot attempted to recover from the inadvertent flight. During the collision with the ground the ballistic recovery parachute was deployed, and the airplane was dragged 200 feet off the runway.</p> <p>The pilot reported no mechanical problems with the airplane. Examination of the airplane revealed cracks in both wings and collapsed landing gear. Aircraft maintenance logs were not recovered for examination</p>						
FACTUAL REPORT - AVIATION						
Page 1						

 National Transportation Safety Board FACTUAL REPORT AVIATION		NTSB ID: ATL03LA033			
		Occurrence Date: 01/10/2003			
		Occurrence Type: Accident			
Landing Facility/Approach Information					
Airport Name	Airport ID:	Airport Elevation	Runway Used	Runway Length	Runway Width
Melbourne International	MLB	33 Ft. MSL	27R	6000	150
Runway Surface Type: Asphalt					
Runway Surface Condition: Dry					
Type Instrument Approach: NONE					
VFR Approach/Landing: None					
Aircraft Information					
Aircraft Manufacturer		Model/Series		Serial Number	
Shaw		Atlantica 235FG		001	
Airworthiness Certificate(s): Experimental (Special)					
Landing Gear Type: Tricycle					
Homebuilt Aircraft? Yes	Number of Seats: 5	Certified Max Gross Wt.	2600 LBS	Number of Engines: 1	
Engine Type:	Engine Manufacturer:	Model/Series:	Rated Power:		
Reciprocating	LOM	M-337AR	235 HP		
- Aircraft Inspection Information					
Type of Last Inspection	Date of Last Inspection	Time Since Last Inspection	Airframe Total Time		
Unknown	11/2002	0 Hours	Hours		
- Emergency Locator Transmitter (ELT) Information					
ELT Installed? Yes	ELT Operated? No	ELT Aided in Locating Accident Site? No			
Owner/Operator Information					
Registered Aircraft Owner		Street Address			
Allan G. Shaw		1425 General Aviation Drive			
		City	State	Zip Code	
		Melbourne	FL	32935	
Operator of Aircraft		Street Address			
Same as Reg'd Aircraft Owner		City	State	Zip Code	
			FL		
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: Flight Test					

 <p>National Transportation Safety Board FACTUAL REPORT AVIATION</p>	NTSB ID: ATL03LA033
	Occurrence Date: 01/10/2003
	Occurrence Type: Accident

First Pilot Information				
Name On File	City On File	State On File	Date of Birth On File	Age 52

Sex: M	Seat Occupied: Left	Principal Profession: Unknown	Certificate Number: On File
--------	---------------------	-------------------------------	-----------------------------

Certificate(s): Private

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

Rotorcraft/Glider/LTA: None

Instrument Rating(s): None

Instructor Rating(s): None

Type Rating/Endorsement for Accident/Incident Aircraft? Yes

Current Biennial Flight Review?

Medical Cert.: Class 3	Medical Cert. Status: Valid Medical--w/ waivers/lim.	Date of Last Medical Exam: 03/2002
------------------------	--	------------------------------------

- 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	2000									
Pilot In Command(PIC)										
Instructor										
Last 90 Days										
Last 30 Days										
Last 24 Hours										

Seatbelt Used? Yes	Shoulder Harness Used? Yes	Toxicology Performed? No	Second Pilot? No
--------------------	----------------------------	--------------------------	------------------

Flight Plan/Itinerary

Type of Flight Plan Filed: None	
---------------------------------	--

Departure Point Same as Accident/Incident Location	State	Airport Identifier MLB	Departure Time	Time Zone EST
---	-------	---------------------------	----------------	------------------

Destination Same as Accident/Incident Location	State	Airport Identifier	
---	-------	--------------------	--


Type of Clearance: None

Type of Airspace: Class D

Weather Information

Source of Briefing: National Weather Service

Method of Briefing: Unknown


 <p>National Transportation Safety Board FACTUAL REPORT AVIATION</p>	NTSB ID: ATL03LA033
	Occurrence Date: 01/10/2003
	Occurrence Type: Accident

Weather Information					
WOF ID	Observation Time	Time Zone	WOF Elevation	WOF Distance From Accident Site	Direction From Accident Site
MLB	1252	EST	33 Ft. MSL	0 NM	0 Deg. Mag.
Sky/Lowest Cloud Condition: Scattered			4100 Ft. AGL	Condition of Light: Day	
Lowest Ceiling: Broken		4900 Ft. AGL		Visibility: 10 SM	Altimeter: 29.96 "Hg
Temperature: 23 °C	Dew Point: 14 °C	Wind Direction: 280		Density Altitude: 1105 Ft.	
Wind Speed: 15	Gusts: 20	Weather Conditions at Accident Site: Visual Conditions			
Visibility (RVR): Ft.	Visibility (RVV) SM	Intensity of Precipitation:			
Restrictions to Visibility: None					
Type of Precipitation: None					

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

Classification: U.S. Registered/U.S. Soil					
- 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	NTSB ID: ATL03LA033	
	Occurrence Date: 01/10/2003	
	Occurrence Type: Accident	

Administrative Information

Investigator-In-Charge (IIC)

Phillip Powell

Additional Persons Participating in This Accident/Incident Investigation:

Albert Kimball
Aviation Safety Inspector
Federal Aviation Admin --Orlando FSDO
5950 Hazeltine National Drive
Orlando, FL 32822