



# National Transportation Safety Board Aviation Accident Factual Report

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<b>Location:</b>	Sanford, FL	<b>Accident Number:</b>	MIA02LA163
<b>Date &amp; Time:</b>	09/01/2002, 1000 EDT	<b>Registration:</b>	N68414
<b>Aircraft:</b>	Cessna 152	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 None

**Flight Conducted Under:** Part 91: General Aviation - Instructional

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On September 1, 2002, about 1000 eastern daylight time, a Cessna 152, N68414, registered to and operated by Comair Aviation Academy as a Title 14 CFR Part 91 instructional flight, veered off the runway during takeoff at Orlando Sanford Airport, Sanford, Florida. Visual meteorological conditions prevailed, and no flight plan was filed. The student-rated pilot was not injured, and the airplane incurred substantial damage. The flight was originating at the time of the accident.

According to the student, it was his first solo flight, and he had made an uneventful approach and landing. He said he was reconfiguring the airplane for takeoff following the touch-and-go landing, and as he applied takeoff power the airplane veered to the left of the runway centerline, into the grass and subsequently into a shallow ditch where the ground had been wet after much rain. The nosewheel dug into the soft ground and the airplane flipped over onto its back, incurring damage to the wings and fuselage. Prior to the accident, there had been no mechanical failures or malfunction to the aircraft or any of its systems.

## Pilot Information

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<b>Certificate:</b>	Student	<b>Age:</b>	26, Male
<b>Airplane Rating(s):</b>	None	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	Seatbelt, Shoulder harness
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 1 Valid Medical--no waivers/lim.	<b>Last FAA Medical Exam:</b>	08/07/2002
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	26 hours (Total, all aircraft), 26 hours (Total, this make and model), 26 hours (Last 90 days, all aircraft), 26 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N68414
Model/Series:	152	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	15282288
Landing Gear Type:	Tricycle	Seats:	2
Date/Type of Last Inspection:	07/20/2002, 100 Hour	Certified Max Gross Wt.:	1670 lbs
Time Since Last Inspection:	55 Hours	Engines:	1 Reciprocating
Airframe Total Time:	11757 Hours at time of accident	Engine Manufacturer:	Textron Lycoming
ELT:	Installed, not activated	Engine Model/Series:	O-235-L2C
Registered Owner:	Comair Aviation Academy	Rated Power:	110 hp
Operator:	Comair Aviation Academy	Operating Certificate(s) Held:	None

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	SFB, 55 ft msl	Distance from Accident Site:	
Observation Time:	0953 EDT	Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	10 Miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	4 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	340°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.05 inches Hg	Temperature/Dew Point:	28°C / 25°C
Precipitation and Obscuration:			
Departure Point:	Sanford, FL (SFB)	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	0940 EDT	Type of Airspace:	Class D

## Airport Information

Airport:	Orlando Sanford (SFB)	Runway Surface Type:	Asphalt
Airport Elevation:	55 ft	Runway Surface Condition:	Dry
Runway Used:	09	IFR Approach:	Unknown
Runway Length/Width:	9600 ft / 150 ft	VFR Approach/Landing:	Touch and Go; Traffic Pattern

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	N/A	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	1 None	<b>Latitude, Longitude:</b>	28.779167, -81.238889

## Administrative Information

<b>Investigator In Charge (IIC):</b>	John W Lovell
<b>Additional Participating Persons:</b>	Joe Radosky; FAA FSDO; Orlando, FL
<b>Investigation Docket:</b>	NTSB accident and incident docket serve as permanent archival information for the NTSB's investigations. Dockets released prior to June 1, 2009 are publicly available from the NTSB's Record Management Division at <a href="mailto:pubinq@ntsb.gov">pubinq@ntsb.gov</a> , or at 800-877-6799. Dockets released after this date are available at <a href="http://dms.nts.gov/pubdms/">http://dms.nts.gov/pubdms/</a> .