



National Transportation Safety Board Aviation Accident Data Summary

Location:	Sanford, FL	Accident Number:	MIA02LA163
Date & Time:	09/01/2002, 1000 EDT	Registration:	N68414
Aircraft:	Cessna 152	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

The student said it was his first solo flight, and he had made an uneventful approach and landing. As 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 it flipped over incurring damage. Prior to the accident, there had been no mechanical failures or malfunction to the aircraft or any of its systems.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The student pilot's failure to maintain control of the airplane during the takeoff roll/run which resulted in the airplane departing the runway and into a ditch where it nosed over incurring substantial damage.

Findings

Occurrence #1: LOSS OF CONTROL - ON GROUND/WATER
Phase of Operation: TAKEOFF - ROLL/RUN

Findings

1. (C) AIRCRAFT CONTROL - NOT MAINTAINED - PILOT IN COMMAND
2. LACK OF TOTAL EXPERIENCE - PILOT IN COMMAND

Occurrence #2: NOSE OVER
Phase of Operation: TAKEOFF - ROLL/RUN

Pilot Information

Certificate:	Student	Age:	26
Airplane Rating(s):	None	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	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	Engines:	1 Reciprocating
Operator:	Comair Aviation Academy	Engine Manufacturer:	Textron Lycoming
Operating Certificate(s) Held:	None	Engine Model/Series:	O-235-L2C
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	SFB, 55 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None	Wind Speed/Gusts, Direction:	4 knots / , 340°
Temperature:	28° C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	Sanford, FL (SFB)	Destination:	

Airport Information

Airport:	Orlando Sanford (SFB)	Runway Surface Type:	Asphalt
Runway Used:	09	Runway Surface Condition:	Dry
Runway Length/Width:	9600 ft / 150 ft		

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	John W Lovell	Adopted Date:	10/23/2002
Investigation Docket:	NTSB accident and incident dockets 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 pubinq@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

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