



National Transportation Safety Board Aviation Accident Factual Report

Location:	Miami, FL	Accident Number:	ANC08LA023
Date & Time:	12/01/2007, 1645 EST	Registration:	N169LC
Aircraft:	Cessna 152	Aircraft Damage:	Substantial
Defining Event:		Injuries:	2 None

Flight Conducted Under: Part 91: General Aviation - Instructional

On December 1, 2007, about 1645 Eastern standard time, a Cessna 152 airplane, N169LC, sustained substantial damage during an in-flight collision with terrain, following an emergency descent and landing after takeoff, at the Kendall-Tamiami Executive Airport, Miami, Florida. The airplane was being operated by the pilot as a visual flight rules (VFR) instructional flight under Title 14, CFR Part 91, when the accident occurred. The commercial certificated flight instructor and student pilot were not injured. Visual meteorological conditions prevailed, and no flight plan was filed. The flight departed the Kendall-Tamiami Executive Airport about 1530.

In a written statement to the National Transportation Safety Board (NTSB) dated December 9, the flight instructor reported that they returned to the airport about 1640 to do touch-and-go landings. Following the first touch-and-go, the airplane had climbed to about 200 feet above the runway when the engine started to run rough and lose rpm. According to the flight instructor, he declared an emergency, and attempted to return to the runway. He reported that he was unable to make the runway, the airplane landed hard about 80 feet short of a water retention pond, and rolled into the pond, coming to rest inverted. He said there were no known mechanical problems with the airplane prior to the accident, and that during the accident the tail was separated from the cabin section.

The airplane was not examined by the NTSB.

Flight Instructor Information

Certificate:	Flight Instructor; Commercial	Age:	24, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Right
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	Airplane Single-engine	Toxicology Performed:	No
Medical Certification:	Class 2 With Waivers/Limitations	Last FAA Medical Exam:	06/01/2007
Occupational Pilot:		Last Flight Review or Equivalent:	06/01/2007
Flight Time:	961 hours (Total, all aircraft), 520 hours (Total, this make and model), 920 hours (Pilot In Command, all aircraft), 300 hours (Last 90 days, all aircraft), 100 hours (Last 30 days, all aircraft), 4 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N169LC
Model/Series:	152	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	15279994
Landing Gear Type:	Tricycle	Seats:	2
Date/Type of Last Inspection:	11/01/2007, 100 Hour	Certified Max Gross Wt.:	1670 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	1684 Hours as of last inspection	Engine Manufacturer:	Lycoming
ELT:	Installed, not activated	Engine Model/Series:	O-235-L2C
Registered Owner:	Ja Megna Aircraft LLC	Rated Power:	110 hp
Operator:	Dean International	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	KTMB	Distance from Accident Site:	
Observation Time:	1553 EST	Direction from Accident Site:	
Lowest Cloud Condition:	Few / 2500 ft agl	Visibility	10 Miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	14 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	90°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.15 inches Hg	Temperature/Dew Point:	27° C / 18° C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Miami, FL (TMB)	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	EST	Type of Airspace:	

Airport Information

Airport:	Kendall Tamiami Executive Airp (KTMB)	Runway Surface Type:	Asphalt
Airport Elevation:	8 ft	Runway Surface Condition:	Dry
Runway Used:	09L	IFR Approach:	None
Runway Length/Width:	5000 ft / 150 ft	VFR Approach/Landing:	Forced Landing; Traffic Pattern

Wreckage and Impact Information

Crew Injuries:	2 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 None	Latitude, Longitude:	25.641944, -80.426389

Administrative Information

Investigator In Charge (IIC):	Lawrence R Lewis
Additional Participating Persons:	Duff Baker; Miami
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/ .