



# Aviation Investigation Final Report

<b>Location:</b>	TITUSVILLE, Florida	<b>Accident Number:</b>	MIA88LA096
<b>Date &amp; Time:</b>	January 31, 1988, 11:30 Local	<b>Registration:</b>	N9260U
<b>Aircraft:</b>	CESSNA 150	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Instructional		

## Analysis

STUDENT PILOT LOST DIRECTIONAL CONTROL WHILE LANDING WITH RIGHT QUARTERING WIND. THE ACFT DEPARTED THE LEFT SIDE OF THE RUNWAY AND THE NOSE GEAR BOGGED DOWN IN SAND. THE NOSE GEAR THEN FAILED AFT AND THE ACFT CAME TO REST ON THE NOSE AND LEFT WING TIP.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

### Findings

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

#### Findings

1. (F) WEATHER CONDITION - CROSSWIND
2. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND

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Occurrence #2: NOSE DOWN  
Phase of Operation: LANDING - ROLL

Findings

3. TERRAIN CONDITION - LOOSE GRAVEL/SANDY

## Factual Information

### Pilot Information

<b>Certificate:</b>	Student	<b>Age:</b>	24, Male
<b>Airplane Rating(s):</b>	None	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	
<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>	November 3, 1987
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	39 hours (Total, all aircraft), 39 hours (Total, this make and model), 11 hours (Pilot In Command, all aircraft), 39 hours (Last 90 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	CESSNA	<b>Registration:</b>	N9260U
<b>Model/Series:</b>	150 150	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal; Utility	<b>Serial Number:</b>	15078210
<b>Landing Gear Type:</b>	Tricycle	<b>Seats:</b>	2
<b>Date/Type of Last Inspection:</b>	January 3, 1987 100 hour	<b>Certified Max Gross Wt.:</b>	1600 lbs
<b>Time Since Last Inspection:</b>	29 Hrs	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	3913 Hrs	<b>Engine Manufacturer:</b>	CONTINENTAL
<b>ELT:</b>	Installed, not activated	<b>Engine Model/Series:</b>	O-200-A
<b>Registered Owner:</b>	JOSEPH V. FERA	<b>Rated Power:</b>	100 Horsepower
<b>Operator:</b>	SOUTH AIR FLIGHT CENTER	<b>Operating Certificate(s) Held:</b>	None
<b>Operator Does Business As:</b>		<b>Operator Designator Code:</b>	

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	TIX ,35 ft msl	<b>Distance from Accident Site:</b>	
<b>Observation Time:</b>	11:45 Local	<b>Direction from Accident Site:</b>	
<b>Lowest Cloud Condition:</b>	Scattered / 2500 ft AGL	<b>Visibility</b>	7 miles
<b>Lowest Ceiling:</b>	None	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	12 knots /	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	130°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	30 inches Hg	<b>Temperature/Dew Point:</b>	21°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	KISSIMMEE , FL (ISM )	<b>Type of Flight Plan Filed:</b>	VFR
<b>Destination:</b>		<b>Type of Clearance:</b>	VFR
<b>Departure Time:</b>	11:00 Local	<b>Type of Airspace:</b>	Class D

## Airport Information

<b>Airport:</b>	TITUSVILLE TIX	<b>Runway Surface Type:</b>	Asphalt
<b>Airport Elevation:</b>	35 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	9	<b>IFR Approach:</b>	
<b>Runway Length/Width:</b>	5001 ft / 100 ft	<b>VFR Approach/Landing:</b>	Traffic pattern

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>		<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>	

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Kennedy, Jeffrey
<b>Additional Participating Persons:</b>	FRED WILLIAMS; JACKSONVILLE , FL
<b>Original Publish Date:</b>	February 28, 1989
<b>Last Revision Date:</b>	
<b>Investigation Class:</b>	<a href="#">Class</a>
<b>Note:</b>	
<b>Investigation Docket:</b>	<a href="https://data.nts.gov/Docket?ProjectID=32130">https://data.nts.gov/Docket?ProjectID=32130</a>

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