



# Aviation Investigation Final Report

<b>Location:</b>	Orange Springs, Florida	<b>Accident Number:</b>	MIA05CA078
<b>Date &amp; Time:</b>	March 13, 2005, 16:30 Local	<b>Registration:</b>	N5341D
<b>Aircraft:</b>	Cessna 180A	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

The pilot stated he entered downwind, base, and final for a normal approach to runway 17. During the flare for landing, a wind gust blew the airplane to the left. He added power to correct, which caused the airplane to climb, then the airplane touched down and bounced 18 to 20 feet. The airplane was then landed approximately 2/3 down the runway and he applied the brakes, but could not stop the airplane before colliding with a fence. He further reported there was no discrepancy with the airplane or its systems.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's failure to abort the landing and his misjudgment of the runway distance needed to complete the landing.

### Findings

Occurrence #1: OVERRUN  
Phase of Operation: LANDING

- Findings
1. (C) ABORTED LANDING - NOT PERFORMED - PILOT IN COMMAND
  2. DISTANCE - MISJUDGED - PILOT IN COMMAND
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Occurrence #2: ON GROUND/WATER COLLISION WITH OBJECT

Phase of Operation: LANDING

Findings

3. OBJECT - FENCE

## Factual Information

On March 13, 2005, about 1630 eastern standard time, a Cessna 180A, N5341D, registered to a private individual, was landed hard at the 85th Avenue Airstrip, Orange Springs, Florida. Visual meteorological conditions prevailed at the time and no flight plan was filed for the 14 CFR Part 91 local flight. The airplane was substantially damaged and the private-rated pilot, the sole occupant, was not injured. The flight originated at 1630, from 85th Avenue Airstrip.

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### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	53, Male
<b>Airplane Rating(s):</b>	Single-engine land	<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 3 Valid Medical--no waivers/lim.	<b>Last FAA Medical Exam:</b>	April 14, 2003
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	January 2, 2005
<b>Flight Time:</b>	1367 hours (Total, all aircraft), 700 hours (Total, this make and model), 1322 hours (Pilot In Command, all aircraft), 17 hours (Last 90 days, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Cessna	<b>Registration:</b>	N5341D
<b>Model/Series:</b>	180A	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	50239
<b>Landing Gear Type:</b>	Tailwheel; Ski/wheel	<b>Seats:</b>	4
<b>Date/Type of Last Inspection:</b>	June 4, 2004 Annual	<b>Certified Max Gross Wt.:</b>	
<b>Time Since Last Inspection:</b>	60 Hrs	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	5210.4 Hrs	<b>Engine Manufacturer:</b>	Continental
<b>ELT:</b>	Installed, not activated	<b>Engine Model/Series:</b>	O-470-K
<b>Registered Owner:</b>	On file	<b>Rated Power:</b>	230 Horsepower
<b>Operator:</b>	On file	<b>Operating Certificate(s) Held:</b>	None

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>		<b>Distance from Accident Site:</b>	
<b>Observation Time:</b>		<b>Direction from Accident Site:</b>	
<b>Lowest Cloud Condition:</b>		<b>Visibility</b>	
<b>Lowest Ceiling:</b>		<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	/	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>		<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>		<b>Temperature/Dew Point:</b>	
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	Orange Springs, FL (FD02)	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>	ORANGE SPRINGS, FL (FD02)	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>		<b>Type of Airspace:</b>	Class G

## Airport Information

<b>Airport:</b>	85TH AVENUE AIRSTRIP FD02	<b>Runway Surface Type:</b>	
<b>Airport Elevation:</b>		<b>Runway Surface Condition:</b>	
<b>Runway Used:</b>	17	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>		<b>VFR Approach/Landing:</b>	

## 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>	
<b>Total Injuries:</b>	1 None	<b>Latitude, Longitude:</b>	29.484722,-82.021942

## Administrative Information

**Investigator In Charge (IIC):** Monville, Timothy

**Additional Participating Persons:**

**Original Publish Date:** June 8, 2005

**Last Revision Date:**

**Investigation Class:** [Class](#)

**Note:** This accident report documents the factual circumstances of this accident as described to the NTSB.

**Investigation Docket:** <https://data.nts.gov/Docket?ProjectID=61165>

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