



# Aviation Investigation Final Report

<b>Location:</b>	Fort Lauderdale, Florida	<b>Accident Number:</b>	MIA07CA070
<b>Date &amp; Time:</b>	April 1, 2007, 17:30 Local	<b>Registration:</b>	N828EW
<b>Aircraft:</b>	Cessna 206G	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 Minor
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

The pilot stated he was 15 miles north of the destination airport when he was cleared for a left downwind landing. He said he switched from the right fuel tank to the left fuel tank, and noted the right fuel tank was indicating 20 gallons. When he selected flaps, they would not work. On short final, he attempted to apply power, and noticed the engine was not producing power. He switched to the right fuel tank, with no response from the engine. He elected to land in a field, and made a hard landing in the grass, where the airplane nosed over. Postaccident examination of the airplane by an FAA inspector revealed that the left fuel tank had ample fuel, but the right fuel tank was empty. The inspector stated that the accident airplane was out of annual inspection, and the pilot's biennial flight review was past due.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's improper fuel management during the landing approach, resulting in a loss of engine power due to fuel starvation, and a forced off-airport landing.

## Findings

Occurrence #1: LOSS OF ENGINE POWER(TOTAL) - NONMECHANICAL  
Phase of Operation: APPROACH - VFR PATTERN - FINAL APPROACH

Findings

1. (C) FUEL MANAGEMENT - IMPROPER - PILOT IN COMMAND
2. (C) FLUID,FUEL - STARVATION

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Occurrence #2: FORCED LANDING

Phase of Operation: EMERGENCY DESCENT/LANDING

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Occurrence #3: NOSE OVER

Phase of Operation: LANDING - ROLL

Findings

3. TERRAIN CONDITION - OPEN FIELD

## Factual Information

The pilot stated he departed from Gainesville, Florida and proceeded to fly direct to Fort Lauderdale, Florida, at approximately 2,500 feet mean sea level, with clear weather. He was 15 miles north of the airport when he was cleared for a left downwind landing on runway 8. At this time, he switched from the right fuel tank to the left fuel tank. The right fuel tank was still indicating 20 gallons. When he selected flaps, during the approach, they would not work. On short final, he attempted to apply power and noticed the engine was not producing power. He switched back to the right fuel tank with no response from the engine. He elected to land the airplane in a field, making a hard landing in the grass. The airplane's nose gear and belly cargo pod separated before the airplane flipped over and came to a stop.

Post accident examination of the airplane by FAA revealed that the left fuel tank had a large quantity of fuel. The right fuel tank had no fuel. The responding FAA inspector stated that the accident airplane did not have an Import Inspection, or a U.S Airworthy Certificate, and was out annual inspection. The airplane's records showed it was ferried to Miami, FL. on November 11, 2004 from Jamaica. The pilot's biennial flight review was past due.

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	51, Male
<b>Airplane Rating(s):</b>	Single-engine land; Multi-engine land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	Helicopter	<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 With waivers/limitations	<b>Last FAA Medical Exam:</b>	July 1, 2005
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	March 1, 2007
<b>Flight Time:</b>	800 hours (Total, all aircraft), 10 hours (Total, this make and model), 650 hours (Pilot In Command, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Cessna	<b>Registration:</b>	N828EW
<b>Model/Series:</b>	206G	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	U20606469
<b>Landing Gear Type:</b>	Retractable - Tricycle	<b>Seats:</b>	6
<b>Date/Type of Last Inspection:</b>	Annual	<b>Certified Max Gross Wt.:</b>	
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	2 Reciprocating
<b>Airframe Total Time:</b>	7000 Hrs as of last inspection	<b>Engine Manufacturer:</b>	Continental
<b>ELT:</b>	Installed, not activated	<b>Engine Model/Series:</b>	IO-520F
<b>Registered Owner:</b>	Eric J. Wiborg	<b>Rated Power:</b>	300 Horsepower
<b>Operator:</b>	Eric Wiborg	<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>	KFXE, 13 ft msl	<b>Distance from Accident Site:</b>	
<b>Observation Time:</b>	17:48 Local	<b>Direction from Accident Site:</b>	
<b>Lowest Cloud Condition:</b>	Few / 5000 ft AGL	<b>Visibility</b>	10 miles
<b>Lowest Ceiling:</b>	None	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	10 knots / 17 knots	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	140°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	30.1 inches Hg	<b>Temperature/Dew Point:</b>	26°C / 13°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	GAINESVILLE, FL (GNV)	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>	FORT LAUDERDALE, FL (FXE)	<b>Type of Clearance:</b>	VFR
<b>Departure Time:</b>	15:00 Local	<b>Type of Airspace:</b>	

## Airport Information

<b>Airport:</b>	FORT LAUDERDALE EXECUTIVE FXE	<b>Runway Surface Type:</b>	Asphalt
<b>Airport Elevation:</b>	260 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	80	<b>IFR Approach:</b>	Visual
<b>Runway Length/Width:</b>	6001 ft / 100 ft	<b>VFR Approach/Landing:</b>	Forced landing;Full stop;Traffic pattern

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 Minor	<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 Minor	<b>Latitude, Longitude:</b>	26.197221,-80.170555

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Obregon, Jose
<b>Additional Participating Persons:</b>	Steve Protrosin; Ft. Laderdale FSDO; Ft. Laderdale, FL
<b>Original Publish Date:</b>	September 14, 2007
<b>Last Revision Date:</b>	
<b>Investigation Class:</b>	<a href="#">Class</a>
<b>Note:</b>	This accident report documents the factual circumstances of this accident as described to the NTSB.
<b>Investigation Docket:</b>	<a href="https://data.nts.gov/Docket?ProjectID=65539">https://data.nts.gov/Docket?ProjectID=65539</a>

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