



# National Transportation Safety Board Aviation Accident Data Summary

<b>Location:</b>	Key West, FL	<b>Accident Number:</b>	ERA15LA090
<b>Date &amp; Time:</b>	01/03/2015, 1015 EST	<b>Registration:</b>	N2534X
<b>Aircraft:</b>	CESSNA P206	<b>Injuries:</b>	4 Minor, 2 None
<b>Flight Conducted Under:</b>	Part 135: Air Taxi & Commuter - Non-scheduled		

## Analysis

The pilot reported that the airplane was about 300 ft above the ground and on final approach when the engine “quit suddenly with no surging or other warning signs.” He selected the auxiliary fuel pump to the high position and switched fuel tanks. The pilot stated that the engine “came back to life momentarily and then quit again.” The airplane was unable to reach the runway, and the pilot made a forced landing in a lagoon about 1/4 mile short of the runway, during which the right wing sustained structural damage.

Examination of the fuel system revealed that the right fuel tank was full and that the left fuel tank had 15 gallons of fuel remaining. Evidence of fuel was also noted in the lines from the fuel tanks to the fuel manifold valve. Internal engine continuity was confirmed, and compression and suction were observed on all of the cylinders. The spark plug electrodes were normal in appearance. The engine-driven fuel pump and magnetos were tested, and no evidence of a preexisting malfunction was found. The reason for the loss of engine power could not be determined.

## Flight Events

Approach-VFR pattern final - Loss of engine power (total)  
Emergency descent - Off-field or emergency landing

## Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: A total loss of engine power for reasons that could not be determined during postaccident examinations and testing.

## Findings

Not determined-Not determined-(general)-(general)-Unknown/Not determined - C

## Pilot Information

<b>Certificate:</b>	Airline Transport; Flight Instructor; Commercial	<b>Age:</b>	47
<b>Airplane Rating(s):</b>	Multi-engine Land; Single-engine Land; Single-engine Sea	<b>Instrument Rating(s):</b>	Airplane
<b>Other Aircraft Rating(s):</b>	Helicopter	<b>Instructor Rating(s):</b>	Airplane Multi-engine; Airplane Single-engine; Instrument Airplane
<b>Flight Time:</b>	8540 hours (Total, all aircraft), 24 hours (Total, this make and model), 8281 hours (Pilot In Command, all aircraft), 171 hours (Last 90 days, all aircraft), 32 hours (Last 30 days, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Manufacturer:</b>	CESSNA	<b>Registration:</b>	N2534X
<b>Model/Series:</b>	P206	<b>Engines:</b>	1 Reciprocating
<b>Operator:</b>	Exec Air Inc.	<b>Engine Manufacturer:</b>	CONT MOTOR
<b>Air Carrier Operating Certificate:</b>	On-demand Air Taxi (135)	<b>Engine Model/Series:</b>	IO 520 SERIES
<b>Flight Conducted Under:</b>	Part 135: Air Taxi & Commuter - Non-scheduled		

## Meteorological Information and Flight Plan

<b>Observation Facility, Elevation:</b>	EYW, 3 ft msl	<b>Weather Information Source:</b>	Weather Observation Facility
<b>Conditions at Accident Site:</b>	Visual Conditions	<b>Lowest Ceiling:</b>	None
<b>Condition of Light:</b>	Day	<b>Wind Speed/Gusts, Direction:</b>	14 knots, 120°
<b>Temperature:</b>	27° C / 22° C	<b>Visibility</b>	10 Miles
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	Naples, FL (APF)	<b>Destination:</b>	Key West, FL (EYW)

## Airport Information

<b>Airport:</b>	Key West Intl (EYW)	<b>Runway Surface Type:</b>	Asphalt
<b>Runway Used:</b>	09	<b>Runway Surface Condition:</b>	Dry
<b>Runway Length/Width:</b>	4801 ft / 100 ft		

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 Minor	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	3 Minor, 2 None	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Ralph E Hicks	<b>Adopted Date:</b>	10/19/2015
<b>Note:</b>	The NTSB did not travel to the scene of this accident.		
<b>Investigation Docket:</b>	<a href="http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=90569">http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=90569</a>		

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