



# National Transportation Safety Board Aviation Accident Data Summary

<b>Location:</b>	Fort Lauderdale, FL	<b>Accident Number:</b>	ERA13CA073
<b>Date &amp; Time:</b>	12/01/2012, 1430 EST	<b>Registration:</b>	N2196W
<b>Aircraft:</b>	BEECH B19	<b>Injuries:</b>	3 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Instructional		

## Analysis

The pilot reported that the purpose of the flight was an orientation for two potential student pilots. The pilot said that he completed a visual inspection of the fuel tanks and that he estimated that the fuel tanks contained 10 gallons of fuel, which he determined, would have been adequate for the flight. The pilot completed two traffic patterns, and as he climbed the airplane to the downwind leg of the third pattern, the engine lost power and "surged" during the subsequent forced landing. The pilot requested an emergency landing to runway 13 but amended his request to runway 8 because the airplane was "too high." He subsequently determined the airplane was "too low" for runway 8, and the airplane touched down hard on a taxiway and skidded to a stop in the grass infield. The airplane sustained substantial damage to the cabin floor structure. Examination revealed that the airplane contained no fuel, and the pilot reported that he had exhausted his fuel supply.

## Flight Events

Approach-VFR pattern downwind - Fuel exhaustion  
Approach-VFR pattern downwind - Loss of engine power (total)

## Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's inadequate preflight planning, which resulted in fuel exhaustion and a total loss of engine power.

## Findings

Aircraft-Fluids/misc hardware-Fluids-Fuel-Fluid management - C  
Personnel issues-Task performance-Inspection-Preflight inspection-Pilot - C

## Pilot Information

<b>Certificate:</b>	Flight Instructor; Commercial	<b>Age:</b>	33
<b>Airplane Rating(s):</b>	Multi-engine Land; Single-engine Land	<b>Instrument Rating(s):</b>	Airplane
<b>Other Aircraft Rating(s):</b>	None	<b>Instructor Rating(s):</b>	Airplane Single-engine; Instrument Airplane
<b>Flight Time:</b>	(Estimated) 365 hours (Total, all aircraft), 22 hours (Total, this make and model), 176 hours (Pilot In Command, all aircraft), 26 hours (Last 90 days, all aircraft), 22 hours (Last 30 days, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Manufacturer:</b>	BEECH	<b>Registration:</b>	N2196W
<b>Model/Series:</b>	B19	<b>Engines:</b>	1 Reciprocating
<b>Operator:</b>	Status Air	<b>Engine Manufacturer:</b>	LYCOMING
<b>Air Carrier Operating Certificate:</b>	None	<b>Engine Model/Series:</b>	O-320 SERIES
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Instructional		

## Meteorological Information and Flight Plan

<b>Observation Facility, Elevation:</b>	FXE, 13 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>	12 knots/ 18 knots, 50°
<b>Temperature:</b>	25° C / 16° C	<b>Visibility</b>	10 Miles
<b>Precipitation and Obscuration:</b>	No Precipitation		
<b>Departure Point:</b>	Fort Lauderdale, FL (FXE)	<b>Destination:</b>	Fort Lauderdale, FL (FXE)

## Airport Information

<b>Airport:</b>	Ft. Lauderdale Executive (FXE)	<b>Runway Surface Type:</b>	Asphalt
<b>Runway Used:</b>	08	<b>Runway Surface Condition:</b>	Dry
<b>Runway Length/Width:</b>	6001 ft / 100 ft		

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	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>	Brian C Rayner	<b>Adopted Date:</b>	04/10/2013
<b>Note:</b>	This accident report documents the factual circumstances of this accident as described to the NTSB.		
<b>Investigation Docket:</b>	<a href="http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=85722">http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=85722</a>		

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