



# Aviation Investigation Final Report

<b>Location:</b>	Sarasota, Florida	<b>Accident Number:</b>	MIA07CA003
<b>Date &amp; Time:</b>	October 11, 2006, 18:30 Local	<b>Registration:</b>	N777WH
<b>Aircraft:</b>	Olree Robert Spezio Sport DAL-1	<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 that he was conducting high speed taxi runs for a functional check of the rudder and tail wheel after replacement of a component. On one of the runs, the airplane lifted off and drifted to the right at which point he elected to fly the airplane in the pattern and land. During his first attempt to land the sink rate was more than what he had expected and he elected to perform a go-around. During the second approach he let the airplane get too slow in a nose high attitude. The airplane stalled. He lost control of the airplane; the right wing impacted a tree and clipped a steel gate, separating the landing gear before slamming down on the pavement. The airplane then slid on the pavement into a gate before stopping. The pilot stated there were no mechanical failures or malfunctions to the airplane or any of its systems prior to the accident.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's failure to maintain adequate airspeed, resulting in an inadvertent stall / mush and impact with objects (a tree and a fence) before ground impact.

## Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT  
Phase of Operation: APPROACH - VFR PATTERN - FINAL APPROACH

Findings

1. (C) AIRSPEED - NOT MAINTAINED - PILOT IN COMMAND
2. STALL/MUSH - INADVERTENT - PILOT IN COMMAND

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Occurrence #2: IN FLIGHT COLLISION WITH OBJECT  
Phase of Operation: DESCENT - UNCONTROLLED

Findings

3. OBJECT - TREE(S)
4. OBJECT - FENCE

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Occurrence #3: IN FLIGHT COLLISION WITH TERRAIN/WATER  
Phase of Operation: DESCENT - UNCONTROLLED

Findings

5. TERRAIN CONDITION - GROUND

## Factual Information

On October 11, 2006, about 1830 eastern daylight time, an experimental homebuilt, Olree Robert, Spezio Sport DAL-1, N777WH, registered to and operated by a private individual, as a Title 14 CFR Part 91 personal flight, impacted with trees during landing at the Hidden River Airport, Sarasota, Florida. Visual meteorological conditions prevailed and no flight plan was filed. The private-rated pilot reported no injuries and the airplane incurred substantial damage. The flight originated from the same airport, earlier that day, about 1815.

The pilot stated that he was conducting high speed taxi runs for a functional check of the rudder and tail wheel after replacement of a component. On one of the runs, the airplane lifted off and drifted to the right at which point he elected to fly the airplane in the pattern and land. During his first attempt to land the sink rate was more than what he had expected and he elected to perform a go-around. During the second approach he let the airplane get too slow in a nose high attitude. The airplane stalled. He lost control of the airplane; the right wing impacted a tree and clipped a steel gate, separating the landing gear before slamming down on the pavement. The airplane then slid on the pavement into a gate before stopping. The pilot stated there were no mechanical failures or malfunctions to the airplane or any of its systems prior to the accident.

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	54, Male
<b>Airplane Rating(s):</b>	Single-engine land	<b>Seat Occupied:</b>	
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	
<b>Instructor Rating(s):</b>		<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 3	<b>Last FAA Medical Exam:</b>	December 1, 2004
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	302 hours (Total, all aircraft), 2 hours (Total, this make and model)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Olree Robert	<b>Registration:</b>	N777WH
<b>Model/Series:</b>	Spezio Sport DAL-1	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	Yes
<b>Airworthiness Certificate:</b>	Experimental (Special)	<b>Serial Number:</b>	HO-119
<b>Landing Gear Type:</b>	Tailwheel	<b>Seats:</b>	
<b>Date/Type of Last Inspection:</b>		<b>Certified Max Gross Wt.:</b>	
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>		<b>Engine Manufacturer:</b>	Lycoming
<b>ELT:</b>		<b>Engine Model/Series:</b>	O-290-D
<b>Registered Owner:</b>	Robert Olree	<b>Rated Power:</b>	
<b>Operator:</b>	Robert Olree	<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>	KSRQ	<b>Distance from Accident Site:</b>	
<b>Observation Time:</b>	18:53 Local	<b>Direction from Accident Site:</b>	
<b>Lowest Cloud Condition:</b>	Clear	<b>Visibility</b>	10 miles
<b>Lowest Ceiling:</b>	None	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	5 knots / 0 knots	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	280°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	29.85 inches Hg	<b>Temperature/Dew Point:</b>	26°C / 18°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	Sarasota, FL (22FA)	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>		<b>Type of Clearance:</b>	None
<b>Departure Time:</b>		<b>Type of Airspace:</b>	

## Airport Information

<b>Airport:</b>	Hidden River Airport 22FA	<b>Runway Surface Type:</b>	Asphalt
<b>Airport Elevation:</b>		<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	27	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>		<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>	
<b>Total Injuries:</b>	1 None	<b>Latitude, Longitude:</b>	27.303054,-82.272499

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Obregon, Jose
<b>Additional Participating Persons:</b>	George McNeill; FSDO-35 Tampa
<b>Original Publish Date:</b>	January 31, 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=64687">https://data.nts.gov/Docket?ProjectID=64687</a>

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