



# National Transportation Safety Board Aviation Accident Data Summary

<b>Location:</b>	VALKARIA, FL	<b>Accident Number:</b>	MIA97LA078
<b>Date &amp; Time:</b>	02/01/1997, 1226 EST	<b>Registration:</b>	N525V
<b>Aircraft:</b>	RICHARDS VELOCITY 173 RG	<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

## Analysis

The pilot stated that the engine lost power while maneuvering. According to the pilot's statement, 'everything was operating normal, 2500 RPM, 155 knots...2,000 [feet] MSL.' He then turned north and 'the engine quit abruptly...no sputtering or gradual loss of RPM.' He attempted a force landing at a nearby airport 'in hopes of deadsticking [sic] it onto the runway.' The flight landed about 1/2 mile short of runway 14, and impacted into palmettos and pine trees. The airplane's engine was examined and run. The examination and engine run did not reveal any discrepancies.

## Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: a loss of engine power for undetermined reasons.

## Findings

Occurrence #1: LOSS OF ENGINE POWER  
Phase of Operation: MANEUVERING

### Findings

1. (C) REASON FOR OCCURRENCE UNDETERMINED  
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Occurrence #2: FORCED LANDING  
Phase of Operation: EMERGENCY DESCENT/LANDING  
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Occurrence #3: IN FLIGHT COLLISION WITH OBJECT  
Phase of Operation: EMERGENCY DESCENT/LANDING

### Findings

2. OBJECT - TREE(S)

## Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	62
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Instrument Rating(s):</b>	Airplane
<b>Other Aircraft Rating(s):</b>	None	<b>Instructor Rating(s):</b>	None
<b>Flight Time:</b>	956 hours (Total, all aircraft), 81 hours (Total, this make and model), 768 hours (Pilot In Command, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	RICHARDS	<b>Registration:</b>	N525V
<b>Model/Series:</b>	VELOCITY 173 RG VELOCITY 1	<b>Engines:</b>	1 Reciprocating
<b>Operator:</b>	WILLIAM A. RICHARDS	<b>Engine Manufacturer:</b>	Lycoming
<b>Operating Certificate(s) Held:</b>	None	<b>Engine Model/Series:</b>	IO-360-A3B6D
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual Conditions	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	MLB, 0 ft msl	<b>Weather Information Source:</b>	Weather Observation Facility
<b>Lowest Ceiling:</b>	None / 0 ft agl	<b>Wind Speed/Gusts, Direction:</b>	5 knots / , 20°
<b>Temperature:</b>	21 °C	<b>Visibility</b>	10 Miles
<b>Precipitation and Obscuration:</b>			
<b>Departure Point:</b>	MELBOURNE, FL (MBL)	<b>Destination:</b>	

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	N/A	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Latitude, Longitude:</b>			

## Administrative Information

<b>Investigator In Charge (IIC):</b>	ALAN J YURMAN	<b>Adopted Date:</b>	08/25/1997
<b>Investigation Docket:</b>	NTSB accident and incident dockets serve as permanent archival information for the NTSB's investigations. Dockets released prior to June 1, 2009 are publicly available from the NTSB's Record Management Division at <a href="mailto:pubinq@ntsb.gov">pubinq@ntsb.gov</a> , or at 800-877-6799. Dockets released after this date are available at <a href="http://dms.nts.gov/pubdms/">http://dms.nts.gov/pubdms/</a> .		

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