



# National Transportation Safety Board Aviation Accident Final Report

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<b>Location:</b>	VENICE, FL	<b>Accident Number:</b>	MIA88FA094
<b>Date &amp; Time:</b>	01/27/1988, 0947 EST	<b>Registration:</b>	N235UV
<b>Aircraft:</b>	CESSNA 411	<b>Aircraft Damage:</b>	Destroyed
<b>Defining Event:</b>		<b>Injuries:</b>	1 Fatal
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

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## Analysis

WITNESSES STATED THAT THE ACFT WAS CLIMBING & JUST AFTER TAKEOFF, THE LEFT WING DROPPED, THE ACFT THEN LEVELED OFF, CLIMBED APRX 75 MORE FEET. THE ACFT THEN ABRUPTLY TURNED HARD LEFT & WENT STRAIGHT IN, STRIKING A WALL SURROUNDING A SWIMMING POOL, BURST INTO FLAMES & WAS CONSUMED BY POST CRASH FIRE. EXAMINATION OF THE LEFT ENGINE REVEALED EVIDENCE THAT SUGGESTS THAT WATER WAS INJECTED INTO THE CYLINDERS PRIOR TO IMPACT.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

## Findings

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Occurrence #1: LOSS OF ENGINE POWER(PARTIAL) - NONMECHANICAL  
Phase of Operation: TAKEOFF - INITIAL CLIMB

### Findings

1. (C) 1 ENGINE - FAILURE,PARTIAL
  2. (F) PROPELLER FEATHERING - NOT PERFORMED - PILOT IN COMMAND
  3. (C) FLUID,FUEL - WATER
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Occurrence #2: LOSS OF CONTROL - IN FLIGHT  
Phase of Operation: TAKEOFF - INITIAL CLIMB

### Findings

4. (C) AIRSPEED(VMC) - NOT MAINTAINED - PILOT IN COMMAND
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Occurrence #3: IN FLIGHT COLLISION WITH TERRAIN/WATER  
Phase of Operation: DESCENT - UNCONTROLLED

## Factual Information

### Pilot Information

Certificate:	Private	Age:	39, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	Yes
Medical Certification:	Class 2 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	11/06/1987
Occupational Pilot:	Last Flight Review or Equivalent:		
Flight Time:	1500 hours (Total, all aircraft)		

### Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N235UV
Model/Series:	411 411	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	411-0052
Landing Gear Type:	Retractable - Tricycle	Seats:	8
Date/Type of Last Inspection:	04/10/1987, Annual	Certified Max Gross Wt.:	6500 lbs
Time Since Last Inspection:		Engines:	2 Reciprocating
Airframe Total Time:		Engine Manufacturer:	CONTINENTAL
ELT:	Installed	Engine Model/Series:	GTSIO-520-C-7
Registered Owner:	WILLIAM J. BRIEN	Rated Power:	340 hp
Operator:	WILLIAM J. BRIEN	Operating Certificate(s) Held:	None

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	PIE, 11 ft msl	Distance from Accident Site:	50 Nautical Miles
Observation Time:	0947 EST	Direction from Accident Site:	360°
Lowest Cloud Condition:	Clear / 0 ft agl	Visibility	7 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	9 knots / 18 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:	20°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	8° C / -6° C
Precipitation and Obscuration:			
Departure Point:	VENICE, FL (VNC)	Type of Flight Plan Filed:	None
Destination:	WEST PALM BEACH, FL (PBI)	Type of Clearance:	None
Departure Time:	0945 EST	Type of Airspace:	Class E

## Wreckage and Impact Information

Crew Injuries:	1 Fatal	Aircraft Damage:	Destroyed
Passenger Injuries:	N/A	Aircraft Fire:	On-Ground
Ground Injuries:	N/A	Aircraft Explosion:	On-Ground
Total Injuries:	1 Fatal	Latitude, Longitude:	

## Administrative Information

Investigator In Charge (IIC):	BRUCE J HILL	Report Date:	04/25/1989
Additional Participating Persons:	DALE CARTER; MARIETTA, GA ANDREW HALL; WICHITA, KS		
Publish Date:			
Investigation Docket:	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:pubinquiry@ntsb.gov">pubinquiry@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> .		

The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the accidents, issue safety recommendations, study transportation safety issues, and evaluate the safety effectiveness of government agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).