



# National Transportation Safety Board Aviation Accident Data Summary

<b>Location:</b>	ORLANDO, FL	<b>Accident Number:</b>	MIA82DA162
<b>Date &amp; Time:</b>	08/01/1982, 0645 EDT	<b>Registration:</b>	N9109V
<b>Aircraft:</b>	MOONEY M20F	<b>Injuries:</b>	3 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

## Analysis

THE PILOT REPORTED THAT RAIN HAD OCCURRED ON THE PREVIOUS NIGHT AND THERE WAS WATER ON THE 2430 FT GRASS RUNWAY. HE REPORTED THAT DURING ROTATION, THE AIRCRAFT HIT THE WATER AND LOST AIRSPEED. SUBSEQUENTLY, THE AIRCRAFT FAILED TO GAIN SUFFICIENT ALTITUDE TO CLEAR TREES BEYOND THE END OF THE RUNWAY. IT STRUCK AN ORANGE TREE AND CRASHED.

## Probable Cause

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

## Findings

Occurrence #1: IN FLIGHT COLLISION WITH OBJECT  
Phase of Operation: TAKEOFF - INITIAL CLIMB

### Findings

1. (F) AIRPORT FACILITIES, RUNWAY/LANDING AREA CONDITION - WET
2. (C) UNSUITABLE TERRAIN OR TAKEOFF/LANDING/TAXI AREA - SELECTED - PILOT IN COMMAND
3. AIRSPEED - NOT POSSIBLE - PILOT IN COMMAND
4. (F) OBJECT - TREE(S)
5. STALL/MUSH - INADVERTENT - PILOT IN COMMAND

## Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	28
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Instrument Rating(s):</b>	None
<b>Other Aircraft Rating(s):</b>		<b>Instructor Rating(s):</b>	None
<b>Flight Time:</b>	296 hours (Total, all aircraft), 296 hours (Total, this make and model), 27 hours (Last 90 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

Aircraft Make:	MOONEY	Registration:	N9109V
Model/Series:	M20F M20F	Engines:	1 Reciprocating
Operator:	CORAL BEAUTIES, INC.	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:		Engine Model/Series:	IO-360
Flight Conducted Under:	Part 91: General Aviation - Personal		

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	ORL, 0 ft msl	Weather Information Source:	Unknown
Lowest Ceiling:	Unknown / 0 ft agl	Wind Speed/Gusts, Direction:	Calm / ,
Temperature:	86 °C	Visibility	7 Miles
Precipitation and Obscuration:			
Departure Point:	ORLANDO, FL	Destination:	BAHAMA ISLANDS, VI

## Airport Information

Airport:	MAGUIRE (X30)	Runway Surface Type:	Grass/turf
Runway Used:	36	Runway Surface Condition:	Holes; Soft
Runway Length/Width:	2430 ft / 150 ft		

## Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	2 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:			

## Administrative Information

Investigator In Charge (IIC):	Adopted Date:	08/01/1983
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: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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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.