



National Transportation Safety Board Aviation Accident Data Summary

Location:	MIAMI, FL	Accident Number:	MIA85LA001
Date & Time:	10/02/1984, 1246 EDT	Registration:	N2427P
Aircraft:	PIPER PA-38-112	Injuries:	1 Minor, 1 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

THE RATED PILOT AND CERTIFIED FLT INSTRUCTOR STATED THAT THEY WERE PRACTICING AGRICULTURAL DIVES AND TURNS. DURING A DIVE, THE PILOT PULLED OUT OF THE DIVE AT ABOUT 5 FEET AND THE AIRCRAFT CONTACTED SAWGRASS AND CRASHED. THE INSTRUCTOR PILOT INITIALLY STATED THAT THE ENGINE FAILED BUT LATER STATED THAT THE STUDENT 'FAILED TO ADD ENOUGH POWER AND THE PLANE WENT INTO THE SWAMP.'

Probable Cause

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

Findings

Occurrence #1: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: MANEUVERING - AERIAL APPLICATION

Findings

1. LOW PASS - ATTEMPTED - DUAL STUDENT
2. (F) DUAL STUDENT
3. (C) PULL-UP - DELAYED - DUAL STUDENT
4. (C) PROPER ALTITUDE - NOT MAINTAINED - DUAL STUDENT
5. (C) REMEDIAL ACTION - NOT PERFORMED - PILOT IN COMMAND(CFI)
6. TERRAIN CONDITION - SOFT
7. TERRAIN CONDITION - HIGH VEGETATION

Pilot Information

Certificate:	Commercial	Age:	27
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	Airplane Single-engine
Flight Time:	403 hours (Total, all aircraft), 11 hours (Total, this make and model), 133 hours (Pilot In Command, all aircraft), 63 hours (Last 90 days, all aircraft), 34 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	PIPER	Registration:	N2427P
Model/Series:	PA-38-112 PA-38-112	Engines:	1 Reciprocating
Operator:	LAUDERDALE AVIATION INC.	Engine Manufacturer:	AVCO LYCOMING
Operating Certificate(s) Held:		Engine Model/Series:	O-235-L2C
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	MIA, 14 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Broken / 2500 ft agl	Wind Speed/Gusts, Direction:	12 knots / , 40°
Temperature:	26° C	Visibility	7 Miles
Precipitation and Obscuration:			
Departure Point:	FT.LAUDERDALE, FL (FLL)	Destination:	

Airport Information

Airport:		Runway Surface Type:	
Runway Used:	0	Runway Surface Condition:	
Runway Length/Width:			

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	ANDREW A ALSTON	Adopted 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 pubinq@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

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