



# National Transportation Safety Board Aviation Accident Final Report

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<b>Location:</b>	SAN ANTONIO, FL	<b>Accident Number:</b>	MIA88LA051
<b>Date &amp; Time:</b>	12/02/1987, 1610 EST	<b>Registration:</b>	N2405F
<b>Aircraft:</b>	PIPER PA-38-112	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 None

**Flight Conducted Under:** Part 91: General Aviation - Instructional

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## Analysis

THE STUDENT PLT BECAME LOST WHILE ON A SOLO X-C TRAINING FLT. HE ATTEMPTED TO CONTACT HIS NON CONTROL TOWER DESTINATION AIRPORT VIA UNICOM. HE STATED THAT HE FLEW AROUND FOR 20 OR 25 MINS ATTEMPTING TO MAKE UNICOM CONTACT & WAS UNSUCCESSFUL IN DOING SO. HE THEN ATTEMPTED TO LAND IN A FIELD WHERE THE ACFT FLIPPED UPSIDE DOWN. THE STUDENT STATED THAT HE HAD RECEIVED TRAINING IN LOST PROCEDURES & KNEW HOW TO CONTACT ST. PETERSBURG FSS, THE NEAREST FACILITY TO HIM, BUT HE FAILED TO DO SO. THE STUDENT PLT COULD OFFER NO EXPLANATION AS TO WHY HE DID NOT CONTACT THEM OR SOME OTHER FACILITY.

## 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: MISCELLANEOUS/OTHER  
Phase of Operation: CRUISE - NORMAL

### Findings

1. (C) BECAME LOST/DISORIENTED - INADVERTENT - PILOT IN COMMAND
  2. (F) INADEQUATE TRAINING(EMERGENCY PROCEDURE(S)) - FLIGHT INSTRUCTOR(ON GROUND)
  3. (F) PROPER ASSISTANCE - NOT SELECTED - PILOT IN COMMAND
  4. (F) RADAR ASSISTANCE TO VFR AIRCRAFT - NOT OBTAINED - PILOT IN COMMAND
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Occurrence #2: NOSE OVER  
Phase of Operation: LANDING - ROLL

### Findings

5. (F) PRECAUTIONARY LANDING - PERFORMED - PILOT IN COMMAND
6. (C) UNSUITABLE TERRAIN OR TAKEOFF/LANDING/TAXI AREA - SELECTED - PILOT IN COMMAND

## Factual Information

### Pilot Information

<b>Certificate:</b>	Student	<b>Age:</b>	20, Male
<b>Airplane Rating(s):</b>	None	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	Seatbelt, Shoulder harness
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 1 Valid Medical--no waivers/lim.	<b>Last FAA Medical Exam:</b>	09/04/1987
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	61 hours (Total, all aircraft), 61 hours (Total, this make and model), 29 hours (Pilot In Command, all aircraft), 61 hours (Last 90 days, all aircraft), 4 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	PIPER	<b>Registration:</b>	N2405F
<b>Model/Series:</b>	PA-38-112 PA-38-112	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	No
<b>Airworthiness Certificate:</b>	Normal; Utility	<b>Serial Number:</b>	79A0420
<b>Landing Gear Type:</b>	Tricycle	<b>Seats:</b>	2
<b>Date/Type of Last Inspection:</b>	12/12/1986, 100 Hour	<b>Certified Max Gross Wt.:</b>	1600 lbs
<b>Time Since Last Inspection:</b>	2 Hours	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	4226 Hours	<b>Engine Manufacturer:</b>	LYCOMING
<b>ELT:</b>	Installed, activated, did not aid in locating accident	<b>Engine Model/Series:</b>	O-235-L2C
<b>Registered Owner:</b>	FLT SAFETY INTERNATIONAL, INC	<b>Rated Power:</b>	110 hp
<b>Operator:</b>	FLIGHT SAFETY INTERNAT'L, INC.	<b>Operating Certificate(s) Held:</b>	None

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	TPA, 8 ft msl	Distance from Accident Site:	27 Nautical Miles
Observation Time:	1551 EST	Direction from Accident Site:	220°
Lowest Cloud Condition:	Scattered / 4000 ft agl	Visibility	15 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	8 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	320°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	19° C / 8° C
Precipitation and Obscuration:			
Departure Point:	ORMOND BEACH, FL (OMN)	Type of Flight Plan Filed:	VFR
Destination:	BROOKSVILLE, FL (X05)	Type of Clearance:	None
Departure Time:	0000	Type of Airspace:	Class G

## Wreckage and Impact Information

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

## Administrative Information

Investigator In Charge (IIC):	RONALD W BIRD	Report Date:	02/14/1989
Additional Participating Persons:			
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> .		

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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. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).