



# National Transportation Safety Board Aviation Accident Final Report

<b>Location:</b>	HAZLEHURST, GA	<b>Accident Number:</b>	ATL82DA090
<b>Date &amp; Time:</b>	04/01/1982, 1330 EST	<b>Registration:</b>	N1360H
<b>Aircraft:</b>	PIPER PA-28-140	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Instructional		

## Analysis

THE PILOT MADE A SUCCESSFUL PRECAUTIONARY LANDING AFTER BECOMING DISORIENTED DUE TO PROBLEMS WITH HIS COMMUNICATION AND NAVIGATION RADIOS. AFTER FINDING OUT HIS LOCATION HE ATTEMPTED TO DEPART FROM A SOFT FIELD COVERED WITH TALL GRASS THAT WAS APPROXIMATELY 1500 FEET LONG. THE PILOT REPORTED THAT THE AIRCRAFT ACCELERATED TO ABOUT 50 KNOTS AND CLIMBED ABOUT 4 FEET BEFORE CONTACTING A WIRE FENCE AND SUBSEQUENTLY A BARN.

## Probable Cause and Findings

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) COMM/NAV EQUIPMENT - LOOSE
2. (F) COMM/NAV EQUIPMENT, VHF TRANSMITTER/RECEIVER - LOOSE
3. (F) BECAME LOST/DISORIENTED - INADVERTENT - PILOT IN COMMAND
4. (F) PRECAUTIONARY LANDING - SELECTED - PILOT IN COMMAND
5. (F) TERRAIN CONDITION - SOFT
6. (F) TERRAIN CONDITION - HIGH VEGETATION
7. (C) UNSUITABLE TERRAIN OR TAKEOFF/LANDING/TAXI AREA - SELECTED - PILOT IN COMMAND
8. (F) LACK OF TOTAL EXPERIENCE IN TYPE OPERATION - PILOT IN COMMAND
9. (F) OBJECT - FENCE
10. (F) OBJECT - BUILDING(NONRESIDENTIAL)

## Factual Information

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	21, Male
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Seat Occupied:</b>	Unknown
<b>Other Aircraft Rating(s):</b>		<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	
<b>Medical Certification:</b>	Class 2 Valid Medical--no waivers/lim.	<b>Last FAA Medical Exam:</b>	01/14/1982
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	125 hours (Total, all aircraft), 49 hours (Total, this make and model), 49 hours (Last 90 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	PIPER	<b>Registration:</b>	N1360H
<b>Model/Series:</b>	PA-28-140 PA-28-140	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	Yes
<b>Airworthiness Certificate:</b>		<b>Serial Number:</b>	28-7725142
<b>Landing Gear Type:</b>	Tricycle	<b>Seats:</b>	3
<b>Date/Type of Last Inspection:</b>	Unknown	<b>Certified Max Gross Wt.:</b>	2150 lbs
<b>Time Since Last Inspection:</b>	4 Hours	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	3001 Hours	<b>Engine Manufacturer:</b>	LYCOMING
<b>ELT:</b>	Installed	<b>Engine Model/Series:</b>	O-320-E3D
<b>Registered Owner:</b>	F.I.T. AVIATION, INCORPORATED	<b>Rated Power:</b>	150 hp
<b>Operator:</b>	FLORIDA INSTITUTE OF TECHNOLOG	<b>Operating Certificate(s) Held:</b>	

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	0000	Direction from Accident Site:	0°
Lowest Cloud Condition:	Unknown / 0 ft agl	Visibility	0 Miles
Lowest Ceiling:	Unknown / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	/	Turbulence Type Forecast/Actual:	/
Wind Direction:		Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	/ 0° C
Precipitation and Obscuration:			
Departure Point:	TALLAHASSEE, FL	Type of Flight Plan Filed:	VFR
Destination:	SAVANNAH, GA	Type of Clearance:	None
Departure Time:	1225	Type of Airspace:	

## 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):	Report Date:	04/01/1983
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> .	

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](#).