



# Aviation Investigation Final Report

<b>Location:</b>	SOLDOTNA, Alaska	<b>Accident Number:</b>	ANC85LA045
<b>Date &amp; Time:</b>	February 8, 1985, 16:00 Local	<b>Registration:</b>	N4523M
<b>Aircraft:</b>	PIPER PA-11	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 Minor
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

THE PLT STATED A GUST OF WIND FORCED THE LEFT WING UP AS THE ACFT TOUCHED DOWN. FUUL PWR WAS ADDED TO GO AROUND. THE ACFT CONTINUED TO VEER TO THE RIGHT UNTIL IT STALLED AND IMPACTED THE GROUND IN A NOSE LOW ATTITUDE APRX 100 YARDS SOUTH OF THE RWY. WINDS WERE REPORTED AS CALM AT THE ACCIDENT SITE APRX 1/2 HR PRIOR TO THE ACCIDENT.

## Probable Cause and Findings

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

### Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT  
Phase of Operation: GO-AROUND (VFR)

#### Findings

1. (C) AIRCRAFT HANDLING - NOT MAINTAINED - PILOT IN COMMAND
2. (C) GO-AROUND - IMPROPER - PILOT IN COMMAND
3. (F) CLEARANCE - NOT MAINTAINED - PILOT IN COMMAND
4. (C) AIRSPEED - NOT MAINTAINED - PILOT IN COMMAND
5. STALL - INADVERTENT - PILOT IN COMMAND

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Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER  
Phase of Operation: DESCENT - UNCONTROLLED

## Factual Information

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	37, Male
<b>Airplane Rating(s):</b>	Single-engine land	<b>Seat Occupied:</b>	Front
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	
<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 3 Valid Medical--no waivers/lim.	<b>Last FAA Medical Exam:</b>	February 6, 1985
<b>Occupational Pilot:</b>	UNK	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	97 hours (Total, all aircraft), 30 hours (Total, this make and model), 18 hours (Last 30 days, all aircraft), 7 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	PIPER	<b>Registration:</b>	N4523M
<b>Model/Series:</b>	PA-11 PA-11	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	11-27
<b>Landing Gear Type:</b>	Tailwheel	<b>Seats:</b>	2
<b>Date/Type of Last Inspection:</b>	December 1, 1984 Annual	<b>Certified Max Gross Wt.:</b>	1220 lbs
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>		<b>Engine Manufacturer:</b>	CONTINENTAL
<b>ELT:</b>	Installed	<b>Engine Model/Series:</b>	C-90
<b>Registered Owner:</b>	UNIVERSAL LIFE CHURCH	<b>Rated Power:</b>	90 Horsepower
<b>Operator:</b>	CRAIG T MOORE	<b>Operating Certificate(s) Held:</b>	None
<b>Operator Does Business As:</b>		<b>Operator Designator Code:</b>	

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	SXQ ,107 ft msl	<b>Distance from Accident Site:</b>	
<b>Observation Time:</b>	15:31 Local	<b>Direction from Accident Site:</b>	300°
<b>Lowest Cloud Condition:</b>	Scattered / 4500 ft AGL	<b>Visibility</b>	25 miles
<b>Lowest Ceiling:</b>	None	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	/	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	0°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	30 inches Hg	<b>Temperature/Dew Point:</b>	-6°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>		<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>		<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	12:00 Local	<b>Type of Airspace:</b>	Class G

## Airport Information

<b>Airport:</b>	SOLDOTNA SXQ	<b>Runway Surface Type:</b>	Asphalt
<b>Airport Elevation:</b>	107 ft msl	<b>Runway Surface Condition:</b>	Ice;Snow
<b>Runway Used:</b>	7	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	4973 ft / 130 ft	<b>VFR Approach/Landing:</b>	Go around;Traffic pattern

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 Minor	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>		<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	1 Minor	<b>Latitude, Longitude:</b>	60.320995,-150.790008(est)

## Administrative Information

**Investigator In Charge (IIC):** Daw, Roy

**Additional Participating Persons:** AUSTIN E COLLER;

**Original Publish Date:**

**Last Revision Date:**

**Investigation Class:** [Class](#)

**Note:**

**Investigation Docket:** <https://data.nts.gov/Docket?ProjectID=4465>

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