



# Aviation Investigation Final Report

<b>Location:</b>	PILOT POINT, Alaska	<b>Accident Number:</b>	ANC90LA029
<b>Date &amp; Time:</b>	December 22, 1989, 12:30 Local	<b>Registration:</b>	N8569D
<b>Aircraft:</b>	PIPER PA-18	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

THE NON-CERTIFICATED PILOT REPORTED HE ATTEMPTED TO TAKE OFF WITH LIGHT RIME ICE ON THE AIRPLANE'S RIGHT WING. HE INDICATED THAT WHILE TAKING OFF WITH A LIGHT CROSSWIND COMPONENT, THE AIRCRAFT HAD INSUFFICIENT AIRSPEED TO COMPENSATE FOR LOSS OF LIFT ON THE RIGHT WING. SHORTLY AFTER LIFT-OFF, THE RIGHT WING STALLED & HIT THE RUNWAY. FAA RECORDS SHOWED THAT THE PILOT'S STUDENT PILOT CERTIFICATE HAD EXPIRED IN 1981.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: FAILURE OF THE NON-CERTIFICATED PILOT TO REMOVE ICE/FROST FROM THE WING(S) PRIOR TO FLIGHT. HIS LACK OF TRAINING AND QUALIFICATION WERE PROBABLE CONTRIBUTING FACTORS.

## Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT  
Phase of Operation: TAKEOFF - INITIAL CLIMB

### Findings

1. (C) ICE/FROST REMOVAL FROM AIRCRAFT - NOT PERFORMED - PILOT IN COMMAND
2. (F) INADEQUATE TRAINING - PILOT IN COMMAND
3. (F) QUALIFICATION - PILOT IN COMMAND

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Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER  
Phase of Operation: TAKEOFF

## Factual Information

### Pilot Information

<b>Certificate:</b>	None	<b>Age:</b>	29, Male
<b>Airplane Rating(s):</b>	None	<b>Seat Occupied:</b>	Unknown
<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>		<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Unknown None	<b>Last FAA Medical Exam:</b>	
<b>Occupational Pilot:</b>	UNK	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>			

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	PIPER	<b>Registration:</b>	N8569D
<b>Model/Series:</b>	PA-18 PA-18	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>		<b>Serial Number:</b>	18-6223
<b>Landing Gear Type:</b>	Tailwheel	<b>Seats:</b>	2
<b>Date/Type of Last Inspection:</b>	Unknown	<b>Certified Max Gross Wt.:</b>	1750 lbs
<b>Time Since Last Inspection:</b>	0 Hrs	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>		<b>Engine Manufacturer:</b>	LYCOMING
<b>ELT:</b>		<b>Engine Model/Series:</b>	O-320-A
<b>Registered Owner:</b>	UNKNOWN	<b>Rated Power:</b>	150 Horsepower
<b>Operator:</b>	CARLSON, JENS P.	<b>Operating Certificate(s) Held:</b>	None
<b>Operator Does Business As:</b>		<b>Operator Designator Code:</b>	NONE

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>		<b>Distance from Accident Site:</b>	
<b>Observation Time:</b>		<b>Direction from Accident Site:</b>	
<b>Lowest Cloud Condition:</b>	Unknown	<b>Visibility</b>	30 miles
<b>Lowest Ceiling:</b>	Unknown	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	10 knots /	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	45°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>		<b>Temperature/Dew Point:</b>	-2°C / -18°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>	12:30 Local	<b>Type of Airspace:</b>	

## Airport Information

<b>Airport:</b>	PILOT POINT PIP	<b>Runway Surface Type:</b>	Gravel
<b>Airport Elevation:</b>	75 ft msl	<b>Runway Surface Condition:</b>	Snow
<b>Runway Used:</b>	7	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	3500 ft / 90 ft	<b>VFR Approach/Landing:</b>	None

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<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 None	<b>Latitude, Longitude:</b>	57.499767,-157.279647(est)

## Administrative Information

**Investigator In Charge (IIC):** La belle, James

**Additional Participating Persons:**

**Original Publish Date:** September 5, 1990

**Last Revision Date:**

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

**Note:**

**Investigation Docket:** <https://data.nts.gov/Docket?ProjectID=5335>

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