



# Aviation Investigation Final Report

<b>Location:</b>	KANTISHNA, Alaska	<b>Accident Number:</b>	ANC92LA098
<b>Date &amp; Time:</b>	June 20, 1992, 23:30 Local	<b>Registration:</b>	N7850H
<b>Aircraft:</b>	PIPER PA-12	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	3 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

THE PILOT REPORTED STRONG CROSSWINDS AND STATED HE WAS TAXIING FOR TAKEOFF ON THE AIRSTRIP AT ABOUT 45 MILES PER HOUR WHEN THE LEFT WING TIP STRUCK TREES. THE PILOT HAD A RESTRICTION ON HIS PILOT CERTIFICATE PROHIBITING NIGHT FLIGHT AND THE ACCIDENT OCCURRED DURING DUSK. THE SUN'S ELEVATION WAS -3.5 DEGREES BELOW THE HORIZON.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE PILOT IN COMMAND'S EXCESSIVE TAXI SPEED. FACTORS RELATING TO THE ACCIDENT WERE THE CROSSWIND AND DUSK LIGHT CONDITIONS.

## Findings

Occurrence #1: ON GROUND/WATER COLLISION WITH OBJECT  
Phase of Operation: TAXI - TO TAKEOFF

### Findings

1. (F) WEATHER CONDITION - CROSSWIND
2. (C) TAXISPEED - EXCESSIVE - PILOT IN COMMAND
3. (F) LIGHT CONDITION - DUSK

## Factual Information

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	41, Male
<b>Airplane Rating(s):</b>	Single-engine land	<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>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 3 Valid Medical--no waivers/lim.	<b>Last FAA Medical Exam:</b>	May 16, 1991
<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>	N7850H
<b>Model/Series:</b>	PA-12 PA-12	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	12-750
<b>Landing Gear Type:</b>	Tailwheel	<b>Seats:</b>	3
<b>Date/Type of Last Inspection:</b>	January 2, 1900 Unknown	<b>Certified Max Gross Wt.:</b>	1650 lbs
<b>Time Since Last Inspection:</b>		<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
<b>Registered Owner:</b>	STEPHEN AND GWEN MATHIS	<b>Rated Power:</b>	150 Horsepower
<b>Operator:</b>	STEPHEN AND GWEN MATHIS	<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>	Dusk
<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>	Scattered / 3000 ft AGL	<b>Visibility</b>	50 miles
<b>Lowest Ceiling:</b>	None	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	10 knots / 15 knots	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	100°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>		<b>Temperature/Dew Point:</b>	16°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	(5Z5)	<b>Type of Flight Plan Filed:</b>	VFR
<b>Destination:</b>	FAIRBANKS , AK (FAI)	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	23:30 Local	<b>Type of Airspace:</b>	Class G

## Airport Information

<b>Airport:</b>	KANTISHNA 5Z5	<b>Runway Surface Type:</b>	Gravel
<b>Airport Elevation:</b>	1575 ft msl	<b>Runway Surface Condition:</b>	Dry;Vegetation
<b>Runway Used:</b>	0	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	1800 ft / 30 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>	2 None	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	3 None	<b>Latitude, Longitude:</b>	63.679973,-150.03012(est)

## Administrative Information

**Investigator In Charge (IIC):** Kobelnyk, George  
**Additional Participating Persons:** FAA; ANCHORAGE , AK

**Original Publish Date:** September 28, 1993

**Last Revision Date:**

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

**Note:**

**Investigation Docket:** <https://data.nts.gov/Docket?ProjectID=5748>

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