



# Aviation Investigation Final Report

<b>Location:</b>	KASITSNA BAY, Alaska	<b>Accident Number:</b>	ANC89LA017
<b>Date &amp; Time:</b>	November 14, 1988, 13:30 Local	<b>Registration:</b>	N4759E
<b>Aircraft:</b>	CESSNA                      A185F	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 135: Air taxi & commuter - Non-scheduled		

## Analysis

THE PLT WAS LANDING ON A BEACH TO DELIVER MAIL. HE RPRTD THAT DURING TOUCHDOWN, THE ACFT SKIPPED ABOUT 50 FT BEFORE SETTLING TO THE GROUND, THEN IT REMAINED IN CONTACT WITH THE GROUND & ROLLED STRAIGHT AHEAD. DURING THE LANDING ROLL, THE ACFT NOSED OVER. THE PLT THOUGHT THE NOSE-OVER MIGHT HAVE BEEN CAUSED BY THE ACFT WHEELS HITTING A SOFT SPOT ON THE BEACH WHILE HE WAS APPLYING BRAKES. THE USABLE LANDING AREA ON THE BEACH WAS RPRTD TO BE ABOUT 900 FT. THE PLT HAD LANDED ON THE BEACH MANY TIMES DURING HIS 8 YEARS OF EMPLOYMENT WITH THE COMPANY.

## Probable Cause and Findings

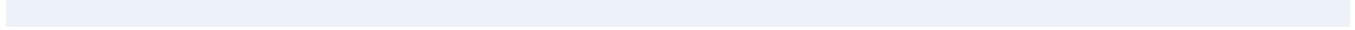
The National Transportation Safety Board determines the probable cause(s) of this accident to be:

### Findings

Occurrence #1: NOSE OVER  
Phase of Operation: LANDING - ROLL

#### Findings

1. (C) PLANNING/DECISION - IMPROPER - PILOT IN COMMAND
2. (F) TERRAIN CONDITION - SOFT
3. (C) BRAKES(NORMAL) - IMPROPER USE OF - PILOT IN COMMAND



## Factual Information

### Pilot Information

<b>Certificate:</b>	Commercial	<b>Age:</b>	45, Male
<b>Airplane Rating(s):</b>	Single-engine land	<b>Seat Occupied:</b>	Left
<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 2 Valid Medical-w/ waivers/lim	<b>Last FAA Medical Exam:</b>	May 3, 1988
<b>Occupational Pilot:</b>	Yes	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	10000 hours (Total, all aircraft), 300 hours (Total, this make and model), 9850 hours (Pilot In Command, all aircraft), 221 hours (Last 90 days, all aircraft), 93 hours (Last 30 days, all aircraft), 8 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	CESSNA	<b>Registration:</b>	N4759E
<b>Model/Series:</b>	A185F A185F	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	18503865
<b>Landing Gear Type:</b>	Tailwheel	<b>Seats:</b>	4
<b>Date/Type of Last Inspection:</b>	100 hour	<b>Certified Max Gross Wt.:</b>	3350 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, activated, did not aid in locating accident	<b>Engine Model/Series:</b>	IO-520-D
<b>Registered Owner:</b>	DENNIS ROTHGEB	<b>Rated Power:</b>	300 Horsepower
<b>Operator:</b>	COOK INLET AVIATION	<b>Operating Certificate(s) Held:</b>	On-demand air taxi (135)
<b>Operator Does Business As:</b>		<b>Operator Designator Code:</b>	CKAA

## 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>	13:30 Local	<b>Direction from Accident Site:</b>	
<b>Lowest Cloud Condition:</b>	Scattered / 2500 ft AGL	<b>Visibility</b>	20 miles
<b>Lowest Ceiling:</b>	Overcast / 3000 ft AGL	<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>		<b>Temperature/Dew Point:</b>	2°C
<b>Precipitation and Obscuration:</b>	Light - None - Rain		
<b>Departure Point:</b>	HOMER , AK (HOM )	<b>Type of Flight Plan Filed:</b>	VFR
<b>Destination:</b>		<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	13:20 Local	<b>Type of Airspace:</b>	Class G

## Airport Information

<b>Airport:</b>		<b>Runway Surface Type:</b>	
<b>Airport Elevation:</b>	0 ft msl	<b>Runway Surface Condition:</b>	
<b>Runway Used:</b>	0	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	0 ft / 0 ft	<b>VFR Approach/Landing:</b>	Traffic pattern

## 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>	59.400127,-151.320312(est)

## Administrative Information

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

**Additional Participating Persons:**

**Original Publish Date:** September 19, 1989

**Last Revision Date:**

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

**Note:**

**Investigation Docket:** <https://data.ntsb.gov/Docket?ProjectID=5147>

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