



National Transportation Safety Board Aviation Accident Final Report

Location:	PORT GRAHAM, AK	Accident Number:	ANC82DA016
Date & Time:	01/21/1982, 1130 AST	Registration:	N1729U
Aircraft:	CESSNA 207	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	1 Minor
Flight Conducted Under:	Part 135: Air Taxi & Commuter - Non-scheduled		

Analysis

THE PILOT REPORTED THAT DURING A BASE TO FINAL TURN, THE AIRCRAFT WAS BLOWN SLIGHTLY OFF THE CENTER LINE OF THE RUNWAY. ALSO, HE REPORTED ENCOUNTERING A WIND SHEAR EFFECT FROM A NEARBY BLUFF. AS THE PLANE DRIFTED TO THE RIGHT, IT COMMENCED A HIGH SINK RATE AND THE PILOT ADDED POWER. HOWEVER, THE RIGHT MAIN LANDING GEAR STRUCK A SNOWBERM AT THE EDGE OF THE RUNWAY. THE PLANE CONTINUED IN A RELATIVELY STRAIGHT LINE FOR ABOUT 75 TO 80 FT, THEN NOSED OVER.

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 TERRAIN/WATER
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

1. (F) WEATHER CONDITION - UNFAVORABLE WIND
2. (F) WEATHER CONDITION - WINDSHEAR
3. (C) COMPENSATION FOR WIND CONDITIONS - IMPROPER - PILOT IN COMMAND
4. (F) TERRAIN CONDITION - SNOWBANK

Factual Information

Pilot Information

Certificate:	Commercial	Age:	31, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land; Single-engine Sea	Seat Occupied:	Unknown
Other Aircraft Rating(s):		Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	
Medical Certification:	Class 2 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	03/19/1981
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	4226 hours (Total, all aircraft), 47 hours (Total, this make and model), 4112 hours (Pilot In Command, all aircraft), 99 hours (Last 90 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N1729U
Model/Series:	207 207	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:		Serial Number:	20700329
Landing Gear Type:	Tricycle	Seats:	2
Date/Type of Last Inspection:	Unknown	Certified Max Gross Wt.:	3800 lbs
Time Since Last Inspection:	0 Hours	Engines:	1 Reciprocating
Airframe Total Time:	5798 Hours	Engine Manufacturer:	CONTINENTAL
ELT:	Installed	Engine Model/Series:	IO-520F
Registered Owner:	COOK INLET AVIATION	Rated Power:	285 hp
Operator:	COOK INLET AVIATION	Operating Certificate(s) Held:	On-demand Air Taxi (135)

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	30 Miles
Lowest Ceiling:	Overcast / 3500 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	5 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	330°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	15° C / 0° C
Precipitation and Obscuration:			
Departure Point:	HOMER, AK (HOM)	Type of Flight Plan Filed:	VFR
Destination:	PROVO, UT	Type of Clearance:	None
Departure Time:	1110	Type of Airspace:	

Airport Information

Airport:	ENGLISH BAY (KEB)	Runway Surface Type:	Gravel
Airport Elevation:	0 ft	Runway Surface Condition:	Snow--dry
Runway Used:	1	IFR Approach:	Contact
Runway Length/Width:	1800 ft / 40 ft	VFR Approach/Landing:	

Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Destroyed
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 Minor	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):		Report Date:	01/21/1983
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 pubinq@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

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](#).