



# National Transportation Safety Board Aviation Accident Factual Report

<b>Location:</b>	WAINWRIGHT, AK	<b>Accident Number:</b>	ANC96LA114
<b>Date &amp; Time:</b>	08/02/1996, 1349 AKD	<b>Registration:</b>	N20752
<b>Aircraft:</b>	Cessna 185	<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		

On August 2, 1996, about 1349 Alaska daylight time, a wheel equipped Cessna 185 airplane, N20752, owned and operated by Cape Smythe Air Service, sustained substantial damage while landing at Point Franklin, located about 25 miles northeast of Wainwright, Alaska. The solo airline transport certificated pilot was not injured. The 14 CFR Part 135 cargo flight operated in visual meteorological conditions. The flight originated at Barrow, Alaska, about 1300.

According to a written statement issued by the pilot, she said she was landing on hard sand in light and variable wind conditions. The airplane bounced on landing, and touched down again in a tail low attitude. She then applied the brakes because she was concerned about the water in front of her. The tail of the airplane rose, and the airplane nosed over onto the sandy landing surface.

The Director of Operations for the operator described the landing area as a section of leveled beach situated behind sand dunes.

## Pilot Information

<b>Certificate:</b>	Airline Transport	<b>Age:</b>	36, Female
<b>Airplane Rating(s):</b>	Multi-engine Land; Single-engine Land; Single-engine Sea	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	Seatbelt, Shoulder harness
<b>Instrument Rating(s):</b>	Airplane	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	Airplane Multi-engine; Airplane Single-engine; Instrument Airplane	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 1 Valid Medical--no waivers/lim.	<b>Last FAA Medical Exam:</b>	06/10/1996
<b>Occupational Pilot:</b>	<b>Last Flight Review or Equivalent:</b>		
<b>Flight Time:</b>	3039 hours (Total, all aircraft), 21 hours (Total, this make and model), 2144 hours (Pilot In Command, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Cessna	<b>Registration:</b>	N20752
<b>Model/Series:</b>	185 185	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	No
<b>Airworthiness Certificate:</b>	Normal; Utility	<b>Serial Number:</b>	18503041
<b>Landing Gear Type:</b>	Tailwheel	<b>Seats:</b>	4
<b>Date/Type of Last Inspection:</b>	07/11/1996, 100 Hour	<b>Certified Max Gross Wt.:</b>	3350 lbs
<b>Time Since Last Inspection:</b>	81 Hours	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	4040 Hours	<b>Engine Manufacturer:</b>	Continental
<b>ELT:</b>	Installed, not activated	<b>Engine Model/Series:</b>	IO-520-D
<b>Registered Owner:</b>	CAPE SMYTHE AIR SERVICE, INC.	<b>Rated Power:</b>	300 hp
<b>Operator:</b>	CAPE SMYTHE AIR SERVICE, INC.	<b>Operating Certificate(s) Held:</b>	Commuter Air Carrier (135); On-demand Air Taxi (135)
<b>Operator Does Business As:</b>		<b>Operator Designator Code:</b>	CSAA

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual Conditions	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	, 0 ft msl	<b>Distance from Accident Site:</b>	0 Nautical Miles
<b>Observation Time:</b>	0000	<b>Direction from Accident Site:</b>	0°
<b>Lowest Cloud Condition:</b>	Scattered / 0 ft agl	<b>Visibility</b>	10 Miles
<b>Lowest Ceiling:</b>	Unknown / 0 ft agl	<b>Visibility (RVR):</b>	0 ft
<b>Wind Speed/Gusts:</b>	Light and Variable /	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>		<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	29 inches Hg	<b>Temperature/Dew Point:</b>	4° C
<b>Precipitation and Obscuration:</b>			
<b>Departure Point:</b>	BARROW, AK (BRW)	<b>Type of Flight Plan Filed:</b>	Company VFR
<b>Destination:</b>		<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	1320 ADT	<b>Type of Airspace:</b>	Class G

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	N/A	<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>	

## Administrative Information

<b>Investigator In Charge (IIC):</b>	JAMES D LABELLE
<b>Additional Participating Persons:</b>	ROBERT SHEPARD; FAIRBANKS, AK
<b>Investigation Docket:</b>	NTSB accident and incident docket 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 <a href="mailto:pubinq@ntsb.gov">pubinq@ntsb.gov</a> , or at 800-877-6799. Dockets released after this date are available at <a href="http://dms.nts.gov/pubdms/">http://dms.nts.gov/pubdms/</a> .