



# National Transportation Safety Board Aviation Accident Final Report

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<b>Location:</b>	BUCKLAND, AK	<b>Accident Number:</b>	ANC97LA145A
<b>Date &amp; Time:</b>	09/08/1997, 1545 AKD	<b>Registration:</b>	N2649Z
<b>Aircraft:</b>	Cessna 402C	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	7 None
<b>Flight Conducted Under:</b>	Part 135: Air Taxi & Commuter - Non-scheduled		

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## Analysis

The Cessna 402C, N2649Z, and the Cessna 208B, N1123R, were both parked at the ramp area of a remote airport. Both airplanes had passengers on board, and both airplanes were preparing to depart on charter flights. The Cessna 402C was parked to the right, and slightly behind the Cessna 208B. The pilot of the Cessna 402C began a right turn out of the parking spot. During the turn, the tail of the airplane struck the right aileron of the Cessna 208B.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The failure of the pilot of the Cessna 402C, N2649Z, to maintain adequate clearance while taxiing alongside the stationary Cessna 208B, N1123R.

## Findings

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Occurrence #1: COLLISION BETWEEN AIRCRAFT (OTHER THAN MIDAIR)  
Phase of Operation: TAXI

### Findings

1. (C) CLEARANCE - NOT MAINTAINED - PILOT IN COMMAND

## Factual Information

On September 8, 1997, about 1545 Alaska daylight time, a Cessna 402C airplane, N2649Z, collided with a parked Cessna 208B airplane, N1123R, while beginning to taxi from the ramp at Buckland, Alaska. Both airplanes were being operated as visual flight rules (VFR) on-demand passenger flights to Noorvik, Alaska, under Title 14 CFR Part 135, when the accident occurred. N2649Z, operated by Hageland Aviation Services Inc., St. Mary's, Alaska, and N1123R, operated by Bering Air Inc., Nome, Alaska, both sustained substantial damage. The certificated airline transport pilot of N2649Z, and 6 passengers, were not injured. The certificated airline transport pilot of N1123R, and 9 passengers, were not injured. Visual meteorological conditions prevailed. VFR company flight following procedures were in effect.

A Federal Aviation Administration (FAA) inspector, Fairbanks Flight Standards District Office (FSDO), reported that N1123R was parked on the ramp with all passengers on board. The pilot was preparing to depart for Noorvik. The pilot of N2649Z, with all passengers on board, was beginning to taxi away from the ramp. N2649Z was parked to the right, and slightly behind N1123R. When N2649Z began to move, the pilot began a right turn. As the tail of the airplane pivoted to the left, the vertical stabilizer struck the aft edge of N1123R's, right aileron trim tab assembly. The collision damaged the trim tab, aileron, and the actuator assembly. The leading edge of the vertical stabilizer of N2649Z received damage to the skin and former.

## Pilot Information

<b>Certificate:</b>	Airline Transport; Flight Instructor; Commercial	<b>Age:</b>	52, Male
<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 Single-engine	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 1 Valid Medical--w/ waivers/lim.	<b>Last Medical Exam:</b>	07/16/1997
<b>Occupational Pilot:</b>	<b>Last Flight Review or Equivalent:</b>		
<b>Flight Time:</b>	4900 hours (Total, all aircraft), 870 hours (Total, this make and model), 4750 hours (Pilot In Command, all aircraft), 300 hours (Last 90 days, all aircraft), 136 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

Aircraft Manufacturer:	Cessna	Registration:	N2649Z
Model/Series:	402C 402C	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	402C0333
Landing Gear Type:	Retractable - Tricycle	Seats:	10
Date/Type of Last Inspection:	08/28/1997, Continuous Airworthiness	Certified Max Gross Wt.:	7190 lbs
Time Since Last Inspection:	33 Hours	Engines:	2 Reciprocating
Airframe Total Time:	8249 Hours	Engine Manufacturer:	Continental
ELT:	Installed, not activated	Engine Model/Series:	TSIO-520
Registered Owner:	GUSSIC VENTURES	Rated Power:	325 hp
Operator:	HAGELAND AVIATION SERVICES INC	Air Carrier Operating Certificate:	Commuter Air Carrier (135); On-demand Air Taxi (135)
Operator Does Business As:		Operator Designator Code:	EPUA

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Observation Time:	0000
Distance from Accident Site:	0 Nautical Miles	Direction from Accident Site:	0°
Lowest Cloud Condition:	Clear / 0 ft agl	Temperature/Dew Point:	11° C / 1° C
Lowest Ceiling:	None / 0 ft agl	Visibility	10 Miles
Wind Speed/Gusts, Direction:	12 knots, 90°	Visibility (RVR):	0 ft
Altimeter Setting:	29 inches Hg	Visibility (RVV):	0 Miles
Precipitation and Obscuration:			
Departure Point:		Type of Flight Plan Filed:	Company VFR
Destination:	NOORVIK, AK (ORV)	Type of Clearance:	None
Departure Time:	0000	Type of Airspace:	Class G

## Airport Information

Airport:	BUCKLAND (BVK)	Runway Surface Type:	
Airport Elevation:	24 ft	Runway Surface Condition:	
Runway Used:	0	IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	None

## Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	6 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	7 None	Latitude, Longitude:	

## Administrative Information

Investigator In Charge (IIC):	SCOTT R ERICKSON	Adopted Date:	11/06/1998
Additional Participating Persons:	GREG HIBDON; FAIRBANKS, AK		
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 <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> .		

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