



Aviation Investigation Final Report

Location:	KETCHIKAN, Alaska	Accident Number:	ANC92LA019
Date & Time:	December 14, 1991, 13:01 Local	Registration:	N2212T
Aircraft:	CESSNA 185	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 Fatal, 1 Minor
Flight Conducted Under:	Part 91: General aviation - Positioning		

Analysis

THE ACCIDENT AIRPLANE HAD JUST TAKEN OFF BEHIND ANOTHER AIRPLANE, BOTH WITH A SPECIAL VFR CLEARANCE. THE PILOT STATED THAT AFTER REACHING ABOUT 350 FEET AGL, BECAUSE OF THE LOW CLOUDS, HE BEGAN TO LOSE SIGHT OF THE OTHER AIRPLANE. WHEN HE REDUCED POWER TO STOP THE CLIMB, THE ENGINE SPUTTERED. HE ATTEMPTED TO EXECUTE A STEEP 180 DEGREE DESCENDING TURN FOR A PRECAUTIONARY LANDING INTO THE WIND. THE AIRPLANE HIT THE WATER IN A NOSE LOW ATTITUDE BEFORE THE TURN WAS COMPLETED. NO PROBLEMS WERE FOUND WITH THE ENGINE OR AIRPLANE.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: AN INADVERTENT STALL WHILE MANEUVERING FOR A PRECAUTIONARY LANDING. FACTORS INCLUDE A PARTIAL LOSS OF ENGINE POWER FOR UNDETERMINED REASONS, AND INADEQUATE ALTITUDE FOR THE MANEUVER.

Findings

Occurrence #1: LOSS OF ENGINE POWER(PARTIAL) - NONMECHANICAL
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

1. (F) POWERPLANT - UNDETERMINED

Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: DESCENT - EMERGENCY

Findings

2. (C) STALL - INADVERTENT - PILOT IN COMMAND
3. (F) ALTITUDE - INADEQUATE - PILOT IN COMMAND

Factual Information

Pilot Information

Certificate:	Commercial; Flight instructor	Age:	46, Male
Airplane Rating(s):	Single-engine land; Single-engine sea; Multi-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	Airplane single-engine; Instrument airplane	Toxicology Performed:	Yes
Medical Certification:	Class 2 Valid Medical-w/ waivers/lim	Last FAA Medical Exam:	September 24, 1991
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	
Flight Time:	3400 hours (Total, all aircraft), 400 hours (Total, this make and model), 3300 hours (Pilot In Command, all aircraft), 91 hours (Last 90 days, all aircraft), 44 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N2212T
Model/Series:	185 185	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	185-1364
Landing Gear Type:	Float	Seats:	6
Date/Type of Last Inspection:	October 10, 1991 100 hour	Certified Max Gross Wt.:	3320 lbs
Time Since Last Inspection:	77 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	7184 Hrs	Engine Manufacturer:	CONTINENTAL
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	I0-520
Registered Owner:	GERALD O'BRIEN SALAZAR	Rated Power:	300 Horsepower
Operator:	GERALD O'BRIEN SALAZAR	Operating Certificate(s) Held:	Commuter air carrier (135), On-demand air taxi (135)
Operator Does Business As:	KETCHIKAN AIR SERVICE, INC.	Operator Designator Code:	EKQA

Meteorological Information and Flight Plan

Conditions at Accident Site:	Instrument (IMC)	Condition of Light:	Day
Observation Facility, Elevation:	KTN ,100 ft msl	Distance from Accident Site:	1 Nautical Miles
Observation Time:	12:57 Local	Direction from Accident Site:	270°
Lowest Cloud Condition:	Scattered / 200 ft AGL	Visibility	7 miles
Lowest Ceiling:	Broken / 700 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	10 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	140°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	8°C / 7°C
Precipitation and Obscuration:	Light - None - Rain		
Departure Point:		Type of Flight Plan Filed:	Company VFR
Destination:		Type of Clearance:	Special VFR
Departure Time:	13:01 Local	Type of Airspace:	Class E

Airport Information

Airport:	KETCHIKAN SEAPLANE BASE 5KE	Runway Surface Type:	Water
Airport Elevation:	1 ft msl	Runway Surface Condition:	Water-calm
Runway Used:	33	IFR Approach:	None
Runway Length/Width:	10000 ft / 0 ft	VFR Approach/Landing:	Precautionary landing

Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Substantial
Passenger Injuries:	1 Fatal	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 Fatal, 1 Minor	Latitude, Longitude:	55.610607,-131.580215(est)

Administrative Information

Investigator In Charge (IIC):	Daw, Roy
Additional Participating Persons:	JAMES E MCCOY; JUNEAU , AK JULIO A FIGUEROA; JUNEAU , AK
Original Publish Date:	March 9, 1993
Last Revision Date:	
Investigation Class:	Class
Note:	
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=5676

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