



Aviation Investigation Final Report

Location:	KETCHIKAN, Alaska	Accident Number:	ANC93LA030
Date & Time:	February 4, 1993, 08:45 Local	Registration:	CFZEX
Aircraft:	CESSNA 180H	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Positioning		

Analysis

THE PILOT OF THE FLOAT EQUIPPED AIRPLANE STATED THAT DURING THE TAKEOFF RUN A GUST OF WIND LIFTED THE LEFT WING UP AND CAUSED THE RIGHT WING TO HIT THE WATER. THE AIRPLANE THEN NOSED OVER. AT THE TIME OF THE ACCIDENT, THE WINDS WERE REPORTED TO BE 15 GUSTING TO 20 KNOTS. HEAVY RAIN AND FOG ALSO EXISTED.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE PILOT'S FAILURE TO MAINTAIN CONTROL OF THE AIRPLANE DURING THE TAKEOFF RUN. FACTORS WERE THE UNFAVORABLE WINDS AND ROUGH WATER.

Findings

Occurrence #1: LOSS OF CONTROL - ON GROUND/WATER
Phase of Operation: TAKEOFF - ROLL/RUN

Findings

1. (F) WEATHER CONDITION - UNFAVORABLE WIND
2. (C) AIRCRAFT CONTROL - NOT MAINTAINED - PILOT IN COMMAND
3. (F) AIRPORT FACILITIES, RUNWAY/LANDING AREA CONDITION - WATER, ROUGH

Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER
Phase of Operation: TAKEOFF - ROLL/RUN

Occurrence #3: NOSE OVER
Phase of Operation: TAKEOFF - ROLL/RUN

Factual Information

Pilot Information

Certificate:	Commercial	Age:	25, Male
Airplane Rating(s):	Single-engine land; Single-engine sea; Multi-engine land; Multi-engine sea	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 1 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	March 14, 1992
Occupational Pilot:	UNK	Last Flight Review or Equivalent:	
Flight Time:	815 hours (Total, all aircraft), 60 hours (Total, this make and model), 210 hours (Pilot In Command, all aircraft), 131 hours (Last 90 days, all aircraft), 47 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	CFZEX
Model/Series:	180H 180H	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	18052277
Landing Gear Type:	Float	Seats:	4
Date/Type of Last Inspection:	January 2, 2000 Unknown	Certified Max Gross Wt.:	2820 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	CONTINENTAL
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	O-470-L
Registered Owner:	NORTH COAST AIR	Rated Power:	213 Horsepower
Operator:	NORTH COAST AIR	Operating Certificate(s) Held:	On-demand air taxi (135)
Operator Does Business As:		Operator Designator Code:	1653

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	KTN ,20 ft msl	Distance from Accident Site:	3 Nautical Miles
Observation Time:	08:45 Local	Direction from Accident Site:	270°
Lowest Cloud Condition:	Scattered / 600 ft AGL	Visibility	3 miles
Lowest Ceiling:	Broken / 1500 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	20 knots / 25 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:	130°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	10°C / 7°C
Precipitation and Obscuration:	N/A - None - Fog		
Departure Point:	(5KE)	Type of Flight Plan Filed:	VFR
Destination:	(CYPR)	Type of Clearance:	None
Departure Time:	08:45 Local	Type of Airspace:	Class G

Airport Information

Airport:	KETCHIKAN HARBOR SPB 5KE	Runway Surface Type:	Water
Airport Elevation:	20 ft msl	Runway Surface Condition:	Water-choppy
Runway Used:	12	IFR Approach:	None
Runway Length/Width:	5000 ft / 300 ft	VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	55.609283,-131.580444(est)

Administrative Information

Investigator In Charge (IIC):	Daw, Roy
Additional Participating Persons:	ROBERT W KOLVIG; JUNEAU , AK
Original Publish Date:	October 13, 1993
Last Revision Date:	
Investigation Class:	Class
Note:	
Investigation Docket:	https://data.ntsb.gov/Docket?ProjectID=5861

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