



Aviation Investigation Final Report

Location:	KASSAN, Alaska	Accident Number:	SEA89LA124
Date & Time:	June 20, 1989, 20:00 Local	Registration:	N46DG
Aircraft:	de Havilland DHC-2	Aircraft Damage:	Substantial
Defining Event:		Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Positioning		

Analysis

AFTER DROPPING OFF EQUIPMENT AT A LAKESIDE CABIN, THE PILOT BEGAN TAXIING THE FLOATPLANE ON WATER IN GUSTY DOWNWIND CONDITIONS IN PREPARATION FOR TAKEOFF FROM THE LAKE. WHILE FAST TAXIING (ON THE STEP), HE NOTICED THE GUSTY WIND CONDITIONS AND RETARDED THE THROTTLE. THE AIRCRAFT NOSED OVER AND CAME TO REST INVERTED IN WATER.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE EXCESSIVE TAXI SPEED USED BY THE PILOT IN THE EXISTING WEATHER CONDITIONS. CONTRIBUTING TO THE ACCIDENT WAS THE GUSTY TAILWIND.

Findings

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

Findings

1. (F) WEATHER CONDITION - UNFAVORABLE WIND
2. (C) TAXISPEED - EXCESSIVE - PILOT IN COMMAND
3. (F) WEATHER CONDITION - GUSTS

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

Factual Information

Pilot Information

Certificate:	Commercial	Age:	21, Male
Airplane Rating(s):	Single-engine land; Single-engine sea	Seat Occupied:	Unknown
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):		Toxicology Performed:	No
Medical Certification:	Class 2 Valid Medical--w/ waivers/lim	Last FAA Medical Exam:	June 12, 1989
Occupational Pilot:	UNK	Last Flight Review or Equivalent:	
Flight Time:	970 hours (Total, all aircraft), 280 hours (Total, this make and model), 825 hours (Pilot In Command, all aircraft), 20 hours (Last 90 days, all aircraft), 20 hours (Last 30 days, all aircraft), 6 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	de Havilland	Registration:	N46DG
Model/Series:	DHC-2 DHC-2	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	340
Landing Gear Type:	Float	Seats:	8
Date/Type of Last Inspection:	Unknown	Certified Max Gross Wt.:	5090 lbs
Time Since Last Inspection:	0 Hrs	Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	P&W
ELT:	Installed, not activated	Engine Model/Series:	R985-AN-14B
Registered Owner:		Rated Power:	450 Horsepower
Operator:	KETCHIKAN AIR SERVIC, INC	Operating Certificate(s) Held:	
Operator Does Business As:		Operator Designator Code:	65

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	KTN ,88 ft msl	Distance from Accident Site:	40 Nautical Miles
Observation Time:		Direction from Accident Site:	95°
Lowest Cloud Condition:	Scattered / 4500 ft AGL	Visibility	35 miles
Lowest Ceiling:	Broken / 8000 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	16 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	160°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	14°C / 6°C
Precipitation and Obscuration:	Light - None - Rain		
Departure Point:	KASSAN , AK	Type of Flight Plan Filed:	Company VFR
Destination:	KETCHIKAN , AK (KTN)	Type of Clearance:	None
Departure Time:	00:00 Local	Type of Airspace:	

Airport Information

Airport:		Runway Surface Type:	Water
Airport Elevation:		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:	1 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 None	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	Mangum, Prentiss
Additional Participating Persons:	TOM SCHILLING; JUNEAU , AK
Original Publish Date:	June 30, 1992
Last Revision Date:	
Investigation Class:	Class
Note:	
Investigation Docket:	https://data.ntsb.gov/Docket?ProjectID=41041

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