



# Aviation Investigation Final Report

<b>Location:</b>	LONGBRANCH, Washington	<b>Accident Number:</b>	SEA89LA106
<b>Date &amp; Time:</b>	June 12, 1989, 15:00 Local	<b>Registration:</b>	N39976
<b>Aircraft:</b>	TAYLORCRAFT BC-12D	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Instructional		

## Analysis

WHILE PRACTICING WATER LANDINGS FOR HIS INITIAL FLOATPLANE RATING, THE RECENTLY CERTIFIED PRIVATE PILOT LOST CONTROL AFTER TOUCHDOWN ON WATER, AND THE AIRCRAFT NOSED OVER. THE PILOT REPORTED HE ATTEMPTED TO LAND TO THE SOUTH AND A WX OBSERVATION FOR THE AREA LISTED THE WINDS FROM THE NORTHEAST.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE POOR IN-FLIGHT DECISION BY THE PILOT TO LAND ON WATER, DOWNWIND. HIS FAILURE TO COMPENSATE FOR THE WIND CONDITIONS RESULTED IN A LOSS OF CONTROL AND NOSE OVER OF THE AIRPLANE.

## Findings

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

### Findings

1. (F) WEATHER CONDITION - TAILWIND
2. (C) IN-FLIGHT PLANNING/DECISION - POOR - PILOT IN COMMAND
3. (C) COMPENSATION FOR WIND CONDITIONS - NOT PERFORMED - PILOT IN COMMAND

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Occurrence #2: NOSE OVER  
Phase of Operation: LANDING - ROLL

## Factual Information

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	28, Male
<b>Airplane Rating(s):</b>	Single-engine land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 1 Valid Medical-w/ waivers/lim	<b>Last FAA Medical Exam:</b>	June 15, 1988
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	99 hours (Total, all aircraft), 18 hours (Total, this make and model), 40 hours (Pilot In Command, all aircraft), 9 hours (Last 30 days, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	TAYLORCRAFT	<b>Registration:</b>	N39976
<b>Model/Series:</b>	BC-12D BC-12D	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	6635
<b>Landing Gear Type:</b>	Float	<b>Seats:</b>	2
<b>Date/Type of Last Inspection:</b>	May 24, 1989 Annual	<b>Certified Max Gross Wt.:</b>	1350 lbs
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	3426 Hrs	<b>Engine Manufacturer:</b>	CONTINENTAL
<b>ELT:</b>		<b>Engine Model/Series:</b>	C-85-12
<b>Registered Owner:</b>	MARK & BOWEN SCOTT	<b>Rated Power:</b>	85 Horsepower
<b>Operator:</b>	FRANK BOWEN	<b>Operating Certificate(s) Held:</b>	None
<b>Operator Does Business As:</b>		<b>Operator Designator Code:</b>	

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	TIW ,292 ft msl	<b>Distance from Accident Site:</b>	8 Nautical Miles
<b>Observation Time:</b>	14:45 Local	<b>Direction from Accident Site:</b>	35°
<b>Lowest Cloud Condition:</b>	Scattered / 5000 ft AGL	<b>Visibility</b>	40 miles
<b>Lowest Ceiling:</b>	None	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	5 knots /	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	20°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	30 inches Hg	<b>Temperature/Dew Point:</b>	26°C / 13°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	TACOMA , WA	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>		<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	13:45 Local	<b>Type of Airspace:</b>	Class G

## Airport Information

<b>Airport:</b>		<b>Runway Surface Type:</b>	Water
<b>Airport Elevation:</b>	0 ft msl	<b>Runway Surface Condition:</b>	Water-calm
<b>Runway Used:</b>	0	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>		<b>VFR Approach/Landing:</b>	Full stop

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>		<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>	47.199111,-122.760955(est)

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Mangum, Prentiss
<b>Additional Participating Persons:</b>	GREG YOUNG; SEATTLE , WA BILL REICHARDT; SEATTLE , WA CANDACE CARRERA; SEATTLE , WA
<b>Original Publish Date:</b>	August 22, 1990
<b>Last Revision Date:</b>	
<b>Investigation Class:</b>	<a href="#">Class</a>
<b>Note:</b>	
<b>Investigation Docket:</b>	<a href="https://data.nts.gov/Docket?ProjectID=41028">https://data.nts.gov/Docket?ProjectID=41028</a>

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