



# Aviation Investigation Final Report

<b>Location:</b>	DILLINGHAM, Alaska	<b>Accident Number:</b>	ANC87LA093
<b>Date &amp; Time:</b>	July 11, 1987, 12:00 Local	<b>Registration:</b>	N1304H
<b>Aircraft:</b>	AERONCA 15AC	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	2 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

THE STUDENT PILOT STATED THAT THE AIRCRAFT LOST PARTIAL POWER DURING THE TAKE OFF RUN DUE TO WATER BEING INGESTED INTO THE ENGINE AIR FILTER AS HE MADE HIS WATER TAKEOFF. HE ELECTED TO CONTINUE WITH THE TAKEOFF ATTEMPT AND STRUCK THE SHORELINE PRIOR TO BECOMING AIRBORNE. THE AIRCRAFT WAS SUBSTANTIALLY DAMAGED, BUT NEITHER THE PILOT NOR HIS PASSENGER WERE INJURED. HE SAID THAT HE LAST TOOK FORMALIZED FLIGHT INSTRUCTION IN 1965.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

### Findings

Occurrence #1: LOSS OF ENGINE POWER(PARTIAL) - NONMECHANICAL  
Phase of Operation: TAKEOFF - ROLL/RUN

#### Findings

1. (F) INDUCTION AIR CONTROL, AIR FILTER/SCREEN - WATER
  2. (C) PREFLIGHT PLANNING/PREPARATION - POOR - PILOT IN COMMAND
  3. (F) MAINTENANCE, SERVICE OF AIRCRAFT/EQUIPMENT - IMPROPER - PILOT IN COMMAND
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Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER  
Phase of Operation: TAKEOFF - ROLL/RUN

## Factual Information

### Pilot Information

<b>Certificate:</b>	Student	<b>Age:</b>	58, Male
<b>Airplane Rating(s):</b>	None	<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 3 Expired	<b>Last FAA Medical Exam:</b>	May 2, 1985
<b>Occupational Pilot:</b>	UNK	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	1341 hours (Total, all aircraft), 1071 hours (Total, this make and model)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	AERONCA	<b>Registration:</b>	N1304H
<b>Model/Series:</b>	15AC 15AC	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	15AC330
<b>Landing Gear Type:</b>	Float	<b>Seats:</b>	2
<b>Date/Type of Last Inspection:</b>	Unknown	<b>Certified Max Gross Wt.:</b>	2050 lbs
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>		<b>Engine Manufacturer:</b>	LYCOMING
<b>ELT:</b>	Installed, not activated	<b>Engine Model/Series:</b>	O-360-AIA
<b>Registered Owner:</b>	HENRY E SHADE	<b>Rated Power:</b>	180 Horsepower
<b>Operator:</b>	HENRY SHADE	<b>Operating Certificate(s) Held:</b>	
<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>	DLG ,85 ft msl	<b>Distance from Accident Site:</b>	3 Nautical Miles
<b>Observation Time:</b>	13:50 Local	<b>Direction from Accident Site:</b>	280°
<b>Lowest Cloud Condition:</b>	Scattered / 3500 ft AGL	<b>Visibility</b>	30 miles
<b>Lowest Ceiling:</b>	None	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	8 knots /	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	150°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	30 inches Hg	<b>Temperature/Dew Point:</b>	17°C / 8°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	DILLINGHAM , AK (023 )	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>		<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	12:00 Local	<b>Type of Airspace:</b>	

## Airport Information

<b>Airport:</b>	SHANNON'S POND 023	<b>Runway Surface Type:</b>	Water
<b>Airport Elevation:</b>	80 ft msl	<b>Runway Surface Condition:</b>	Water-calm
<b>Runway Used:</b>	0	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	1400 ft	<b>VFR Approach/Landing:</b>	None

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	1 None	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	2 None	<b>Latitude, Longitude:</b>	58.819351,-157.860183(est)

## Administrative Information

**Investigator In Charge (IIC):** La belle, James

**Additional Participating Persons:**

**Original Publish Date:** May 9, 1988

**Last Revision Date:**

**Investigation Class:** [Class](#)

**Note:**

**Investigation Docket:** <https://data.ntsb.gov/Docket?ProjectID=4869>

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