



# National Transportation Safety Board

## Aviation Accident Data Summary

<b>Location:</b>	WASILLA, AK	<b>Accident Number:</b>	ANC93FA107
<b>Date &amp; Time:</b>	07/01/1993, 1315 AKD	<b>Registration:</b>	N93018
<b>Aircraft:</b>	CESSNA 185	<b>Injuries:</b>	2 Minor
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

### Analysis

THE PILOT IN COMMAND SAID THAT HE BELIEVED THAT HE COMMENCED THE WATER TAKEOFF FROM THE GENERAL AREA ON THE LAKE THAT HE NORMALLY DID AND THAT THE TAKEOFF RUN, USING TWO NOTCHES OF FLAP, AND THE LIFT OFF POINT WERE ROUTINE. NOT ALL OF THE AVAILABLE LAKE AREA WAS USED FOR THE TAKEOFF. THE PLANE CARRIED APPROXIMATELY 75 GALLONS OF FUEL, THE PILOT AND A PASSENGER, EACH WEIGHING UNDER 175 POUNDS, A FISHING TACKLE BOX AND A SMALL SURVIVAL BAG. AS THE PLANE CLIMBED TO THE HEIGHT OF THE TREES AT THE RAPIDLY APPROACHING SHORELINE, HE ENCOUNTERED A GUST OF WIND WHICH REQUIRED A MOMENTARY FLIGHT CONTROL INPUT TO COUNTER. HE DID NOT EXPERIENCE THE SENSATION THAT THE PLANE HAD ENCOUNTERED A DOWNDRAFT. SHORTLY THEREAFTER, HE REALIZED THAT HE DID NOT HAVE SUFFICIENT ALTITUDE TO CLEAR THE TREES. THE PILOT'S LOG BOOK SHOWED THAT PRIOR TO JULY 1993, HIS LAST FLIGHT IN N93018 OCCURRED IN JUNE 1992. THE PILOT REPORTED THAT HE DID NOT EXPERIENCE ANY DIFFICULTIES WITH THE PLANE'S ENGINE OR FLIGHT CONTROLS.

### Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE PILOT IN COMMAND'S FAILURE TO USE ALL OF THE AVAILABLE RUNWAY (WATERWAY). A FACTOR IN THE ACCIDENT WAS THE PILOT IN COMMAND'S LACK OF RECENT EXPERIENCE IN THE TYPE OF OPERATION.

### Findings

Occurrence #1: IN FLIGHT COLLISION WITH OBJECT  
Phase of Operation: TAKEOFF - INITIAL CLIMB

#### Findings

1. OBJECT - TREE(S)
2. (C) ALL AVAILABLE RUNWAY - NOT USED - PILOT IN COMMAND
3. (F) LACK OF RECENT EXPERIENCE IN TYPE OPERATION - PILOT IN COMMAND

## Pilot Information

<b>Certificate:</b>	Airline Transport	<b>Age:</b>	56
<b>Airplane Rating(s):</b>	Multi-engine Land; Single-engine Land; Single-engine Sea	<b>Instrument Rating(s):</b>	Airplane
<b>Other Aircraft Rating(s):</b>	None	<b>Instructor Rating(s):</b>	None
<b>Flight Time:</b>	6000 hours (Total, all aircraft), 400 hours (Total, this make and model), 4 hours (Last 90 days, all aircraft), 4 hours (Last 30 days, all aircraft), 4 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	CESSNA	<b>Registration:</b>	N93018
<b>Model/Series:</b>	185 185	<b>Engines:</b>	1 Reciprocating
<b>Operator:</b>	JOHNSON, GERALD D.	<b>Engine Manufacturer:</b>	CONTINENTAL
<b>Operating Certificate(s) Held:</b>	None	<b>Engine Model/Series:</b>	IO-520-D24
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual Conditions	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	, 0 ft msl	<b>Weather Information Source:</b>	Pilot
<b>Lowest Ceiling:</b>	None / 0 ft agl	<b>Wind Speed/Gusts, Direction:</b>	5 knots / , 90°
<b>Temperature:</b>	21° C	<b>Visibility</b>	0 Miles
<b>Precipitation and Obscuration:</b>			
<b>Departure Point:</b>		<b>Destination:</b>	(OAK1)

## Airport Information

<b>Airport:</b>	ANDERSON LAKE (OAK1)	<b>Runway Surface Type:</b>	Water
<b>Runway Used:</b>	0	<b>Runway Surface Condition:</b>	Water--calm
<b>Runway Length/Width:</b>			

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 Minor	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	1 Minor	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Latitude, Longitude:</b>			

## Administrative Information

Investigator In Charge (IIC): TIMOTHY A BORSON      Adopted Date: 06/30/1994

Investigation Docket: NTSB accident and incident dockets serve as permanent archival information for the NTSB's investigations. Dockets released prior to June 1, 2009 are publicly available from the NTSB's Record Management Division at [pubinq@ntsb.gov](mailto:pubinq@ntsb.gov), or at 800-877-6799. Dockets released after this date are available at <http://dms.nts.gov/pubdms/>.

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The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the accidents, issue safety recommendations, study transportation safety issues, and evaluate the safety effectiveness of government agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report.