



# Aviation Investigation Final Report

<b>Location:</b>	ANCHORAGE, Alaska	<b>Accident Number:</b>	ANC85FA136
<b>Date &amp; Time:</b>	July 27, 1985, 22:00 Local	<b>Registration:</b>	N71RD
<b>Aircraft:</b>	CESSNA 180H	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 Minor, 1 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

THE PILOT ATTEMPTED TO TAKEOFF UPHILL FROM A SHORT AIRSTRIP WITH A STEEP INCLINE DURING A NO WIND CONDITION. THE AIRPLANE DRIFTED OFF THE CENTERLINE AFTER LIFTOFF AND STRUCK THREE PARKED AIRPLANES BEFORE HITTING TREES AND TURNING OVER. UPHILL TAKOFFS ARE NOT AUTHORIZED AT THIS PRIVATELY OWNED AIRSTRIP.

## Probable Cause and Findings

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

### Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT  
Phase of Operation: TAKEOFF - ROLL/RUN

#### Findings

1. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
2. (C) PROPER ALIGNMENT - NOT MAINTAINED - PILOT IN COMMAND

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Occurrence #2: IN FLIGHT COLLISION WITH OBJECT  
Phase of Operation: TAKEOFF - ROLL/RUN

Findings

- 3. (F) OBJECT - AIRCRAFT PARKED/STANDING
- 4. (F) OBJECT - TREE(S)
- 5. (C) PLANNING/DECISION - IMPROPER - PILOT IN COMMAND

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Occurrence #3: IN FLIGHT COLLISION WITH TERRAIN/WATER  
Phase of Operation: TAKEOFF - ROLL/RUN

## Factual Information

### Pilot Information

<b>Certificate:</b>	Commercial	<b>Age:</b>	45, Male
<b>Airplane Rating(s):</b>	Single-engine land; Single-engine sea; Multi-engine land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	Airplane	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>		<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 2 Expired	<b>Last FAA Medical Exam:</b>	November 7, 1983
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	1320 hours (Total, all aircraft), 26 hours (Total, this make and model)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	CESSNA	<b>Registration:</b>	N71RD
<b>Model/Series:</b>	180H 180H	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	18052214
<b>Landing Gear Type:</b>	Tailwheel	<b>Seats:</b>	4
<b>Date/Type of Last Inspection:</b>	April 1, 1985 Annual	<b>Certified Max Gross Wt.:</b>	2800 lbs
<b>Time Since Last Inspection:</b>	40 Hrs	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	2253 Hrs	<b>Engine Manufacturer:</b>	CONTINENTAL
<b>ELT:</b>	Installed, activated, did not aid in locating accident	<b>Engine Model/Series:</b>	O-470 SERIES
<b>Registered Owner:</b>	LILLIAN M. BAGWELL	<b>Rated Power:</b>	260 Horsepower
<b>Operator:</b>	GEORGE EDWARD BAGWELL	<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>		<b>Distance from Accident Site:</b>	
<b>Observation Time:</b>		<b>Direction from Accident Site:</b>	
<b>Lowest Cloud Condition:</b>	Scattered / 8000 ft AGL	<b>Visibility</b>	15 miles
<b>Lowest Ceiling:</b>	None	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	/	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	0°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	30 inches Hg	<b>Temperature/Dew Point:</b>	13°C / 11°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	ANCHORAGE , AK (Z38 )	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>	GULKANA , AK (GKN )	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	22:00 Local	<b>Type of Airspace:</b>	Class G

## Airport Information

<b>Airport:</b>	O'MALLEY Z38	<b>Runway Surface Type:</b>	Gravel
<b>Airport Elevation:</b>	340 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	34	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	1800 ft / 70 ft	<b>VFR Approach/Landing:</b>	None

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 Minor	<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>	1 Minor, 1 None	<b>Latitude, Longitude:</b>	55.220218,-162.780929(est)

## Administrative Information

**Investigator In Charge (IIC):** Stella, Marc

**Additional Participating Persons:** BETTY M ROGERS; ANCHORAGE , AK  
RUTH A SCHOMMER; ANCHORAGE , AK  
AUSTIN E COLLER; ANCHORAGE , AK

**Original Publish Date:**

**Last Revision Date:**

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

**Note:**

**Investigation Docket:** <https://data.nts.gov/Docket?ProjectID=4423>

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