

NATIONAL TRANSPORTATION SAFETY BOARD

NTSB Form 6120.1

PILOT/OPERATOR AIRCRAFT ACCIDENT/INCIDENT REPORT

Email the pilot/operator aircraft accident/incident report to the investigator-in-charge of your accident/incident. If email is not available, mail the report per the instructions below.

If your accident/incident occurred in Maine, Vermont, New Hampshire, Massachusetts, Connecticut, Rhode Island, New York, New Jersey, Pennsylvania, Maryland, Delaware, Virginia, West Virginia, Kentucky, Tennessee, North Carolina, South Carolina, Mississippi, Alabama, Georgia, Florida, the District of Columbia, Puerto Rico, or the US Virgin Islands, send the form to: NTSB, ERA, 45065 Riverside Parkway, Ashburn, VA 20147.

If your accident/incident occurred in Ohio, Michigan, Indiana, Wisconsin, Illinois, Minnesota, Iowa, Missouri, Arkansas, Louisiana, North Dakota, South Dakota, Nebraska, Kansas, Oklahoma, Texas, Colorado, or New Mexico, send the form to: NTSB, CEN, 4760 Oakland Street, Suite 500, Denver, CO 80239.

If your accident/incident occurred in Montana, Wyoming, Idaho, Utah, Arizona, Nevada, Washington, Oregon, California, Hawaii, or the territories of Guam or American Samoa, send the form to: NTSB, WPR, 505 South 336th Street, Suite 540, Federal Way, WA 98003.

If your accident/incident occurred in Alaska, send the form to: NTSB, ANC, 222 West 7th Avenue, Room 216, Box 11, Anchorage, AK 99513.

Rules pertaining to notification of aircraft accidents and incidents, as well as overdue aircraft are found in 49 *Code of Federal Regulations* (CFR) Part 830 http://www.ecfr.gov/cgi-bin/text-idx?c=ecfr&tpl=/ecfrbrowse/Title49/49cfr830_main_02.tpl. These rules state the authority of the NTSB, define accidents, incidents, injuries, and other terms, and provide procedures for initial and immediate notification of accidents and incidents by aircraft pilots/operators.

A. APPLICABILITY

The pilot/operator of an aircraft shall send a report to the office listed above, based on accident/incident location; immediate notification is required by 49 CFR 830.5(a). **The report shall be filed within 10 days after an accident for which notification is required by Section 830.5, or after 7 days if an overdue aircraft is still missing.**

An aircraft accident, as defined in 49 CFR 830.2, is determined as an occurrence that involves a fatality or serious injury, or substantial damage to the aircraft. For occurrences that do not involve a fatality, the determination that the occurrence is an accident can be appealed by writing to the Director, Office of Aviation Safety, NTSB, 490 L'Enfant Plaza, S.W., Washington, D.C. 20594.

INSTRUCTIONS TO PILOTS/OPERATORS FOR COMPLETING THIS FORM

It is necessary that ALL questions on this report be answered completely and accurately.

If more space is needed, continue on a blank sheet of paper.

Nearest City/Place: Use the name of the nearest community in the state where the accident/incident occurred.

Date/Time: Indicate the date and local time of the event. Be sure to indicate the time zone.

Phase of Operation: Indicate the phase of operation during which the accident/incident occurred.

Aircraft Information: Enter aircraft make and model information as indicated on the aircraft registration certificate, including series. If the involved aircraft is certified as "amateur-built," include the name of the producer of the kit or plans, unless an NTSB employee instructs otherwise.

Maximum Gross Weight: Enter the certificated maximum gross weight for the aircraft involved in the occurrence. This should be the same as the maximum gross weight indicated on the aircraft weight and balance documents.

Engine: Enter engine make and model information as indicated on the engine data plate.

The NTSB uses this form for aircraft accident prevention activities and for statistical purposes. NTSB regulations (49 CFR Part 830) require that **ALL** questions be answered completely and accurately. Completion of this form will take approximately 60 minutes. The NTSB does not guarantee the privacy of any information provided in this form. You need not complete this form unless it displays a valid OMB control number, in accordance with 5 C.F.R. § 1320.5(b), which applies to this collection of information.

B. DEFINITIONS

1. "Aircraft Accident" means an occurrence associated with the operation of an aircraft that takes place between the time any person boards the aircraft with the intention of flight and all such persons have disembarked, and in which any person suffers death, or serious injury, or in which the aircraft receives substantial damage. For purposes of this form, the definition of "aircraft accident" includes "unmanned aircraft accident," as defined at 49 CFR 830.2.

2. "Substantial Damage" means damage or failure that adversely affects the structural strength, performance or flight characteristics of the aircraft, and that would normally require major repair or replacement of the affected component. **NOTE:** Engine failure or damage limited to an engine if only one engine fails or is damaged, bent fairing or cowling, dented skin, small puncture holes in the skin or fabric, ground damage to rotor or propeller blades, and damage to landing gear, wheels, tires, flaps, engine accessories, brakes, or wing tips are not considered "substantial damage" for purposes of this report.

3. "Operator" means any person who causes or authorizes the operation of an aircraft, such as the owner, lessee, or bailee of an aircraft.

4. "Fatal Injury" means any injury that results in death within thirty (30) days of the accident.

5. "Serious Injury" means any injury that (1) requires hospitalization for more than 48 hours, commencing within 7 days from the date the injury was received; (2) results in a fracture of any bone (except simple fracture of fingers, toes, or nose); (3) causes severe hemorrhages, nerve, muscle, or tendon damage; (4) involves injury to any internal organ; or (5) involves second- or third-degree burns, or any burns affecting more than 5 percent of the body surface.

Type of Fire Extinguishing System: If a fire extinguishing system was used to fight an aircraft fire, specify the type(s) of extinguishing system(s) used. Examples include handheld extinguisher, engine fire bottle, cargo/baggage compartment fire suppression system, or airport emergency ground equipment.

Owner/Operator Information: Enter the owner information as shown on the registration certificate. Commercial operators, enter the operator information, including "doing business as" when applicable, as shown on the operator certificate.

Revenue Sightseeing Flight: Indicate whether the accident aircraft was conducting **revenue** sightseeing operations under 14 CFR Part 91 at the time of the accident.

Air Medical Flight: Indicate whether the accident flight was being conducted for the purpose of carrying medical personnel, patient(s), or organs.

Public Aircraft: Federal, state or local government flight operations such as official travel, law-enforcement, low-level observation, aerial application, firefighting, search and rescue, biological or geological resource management, or aeronautical research. Indicate whether the flight was conducted by the armed forces, federal, state, or local government.

Purpose of Flight: 14 CFR Parts 91, 103, 133, 136, and 137: Indicate the type of operation that was being conducted at the time of the occurrence using the following definitions:

AERIAL APPLICATION--Operations using an aircraft to perform aerial application or dispersion of any substance. Examples include agricultural, health, forestry, cloud seeding, firefighting, insect control, etc.

AERIAL OBSERVATION--These flights include aerial mapping/photography, patrol, search and rescue, hunting, highway traffic advisory, ranching, surveillance, oil and mineral exploration, criminal pursuit, fish spotting, etc.

AIR DROP--Aerial operations, other than aerial application, that are intended to release items in flight.

AIR RACE/SHOW--Includes any flight operations conducted as part of an organized air race or public demonstration.

BUSINESS--includes all personal flying without a paid professional crew for reasons associated with furthering a business, including transportation to and from business meetings or work. This does not include corporate/executive operations, air taxi, or commuter operations.

EXECUTIVE/CORPORATE--Company flying with a paid, professional crew.

FERRY--Non-revenue flight under a special flight or "ferry" permit. Refer to 14 CFR 21.197 for details of special flight permit issuance.

FLIGHT TEST--Flight for the purpose of investigating the flight characteristics of an aircraft/aircraft component or evaluating an applicant for a pilot certificate or rating.

INSTRUCTIONAL--Flying while under the supervision of a flight instructor or receiving air carrier training. Personal proficiency flight operations and personal flight reviews, as required by federal air regulations, are excluded.

OTHER WORK USE--Miscellaneous flight operations conducted for compensation or hire such as construction work (not 14 CFR Part 135 operation), parachuting, aerial advertising, towing gliders, etc.

PERSONAL--Flying for personal reasons (excludes business transportation) including pleasure or personal transportation. This also includes practice or proficiency flights performed under flight instructor supervision and not part of an approved flight training program.

POSITIONING--Non-revenue flight conducted for the primary purpose of relocating the aircraft. Examples include moving the aircraft to a maintenance facility or to load passengers or cargo etc.

UNKNOWN--Use only if the primary purpose of flight is not known.

Other Aircraft--Collision: For all accidents involving a collision with another aircraft, including parked aircraft, check "Collision with other aircraft" under Basic Information and complete this section indicating details about the OTHER aircraft involved in the collision.

Airport Information: Complete this section if the accident/incident occurred on approach, landing, takeoff, departure, or within 3 statute miles of an airport. Please refer to the FAA Airport/Facility Directory or other official source for airport information.

Airport Identifier: Provide the official 3 or 4 character airport identifier number.

Runway: Indicate the number of the runway used, including L, R, or C if applicable.

Runway/Landing Surface: Indicate the type of intended runway/landing surface (do not indicate surface conditions). If the surface type was mixed, check all that apply.

Condition of Runway/Landing Surface: Indicate the condition of the intended runway/landing surface. If multiple conditions existed at the time of the accident, check all that apply.

Weather Information at the Accident/Incident Site: Indicate the weather conditions reported at the accident/incident site at the time of occurrence. If no weather reporting was available for the accident/incident site, indicate the reported conditions at the nearest reporting site. Specify the weather reporting site identifier, the observation time, and distance from the accident/incident.

Sky/Lowest Cloud Condition: Indicate the height above ground level of the lowest cloud condition present at the time of the accident/incident and whether coverage was reported as few, scattered, broken or overcast. Also indicate the height above ground level and coverage of the lowest cloud ceiling present at the time of the accident/incident (reported as broken or overcast).

NOTAMs (D and FDC), AIRMETs, SIGMETs, PIREPs: Describe all NOTAMs (distant (D) or Flight Data Center (FDC), if known), AIRMETs, SIGMETs, and PIREPs in effect near the accident/incident.

Flight Crewmember Information: Indicate the category that best describes the capacity served by this flight crewmember at the time of the accident. The designators "Flight Crewmember 1" and "Flight Crewmember 2" do not refer to a specific pilot position or responsibility. If more than one pilot is aboard, they may be entered in any order and their capacity entered as appropriate.

Degree of Injury: See Definitions on the top half of Page 1 of the instructions. Minor injury is not defined. If an injury does not meet the criteria for another injury category, select Minor.

Date of Last Flight Review or Equivalent: Enter the date of the most recent flight review, or equivalent, completed by this pilot. Refer to 14 CFR 61.56 for accepted equivalents.

Type Ratings: List all type ratings on the pilot certificate. If the pilot holds no type ratings indicate "none." If the pilot holds a pilot certificate other than student and was flying an aircraft requiring an endorsement, enter the type and date of any logbook endorsement(s) for that aircraft. See 14 CFR 61 for examples of required endorsements.

Student Endorsements: If the pilot holds a student pilot certificate, enter all solo endorsements and dates on the student pilot certificate.

Flight Time: Complete the flight time matrix. Solo flight time should be included as "Pilot-in-Command (PIC)" and all dual flight instruction given should be included as "Time as Instructor."

Additional Flight Crewmembers: Complete this section if there were more than two required flight crewmembers on the aircraft. This also includes a check airman performing official duties but does not include cabin crew. State the capacity served by each included crewmember at the time of the accident.

Passenger(s)/Other Personnel: Enter identification and injury severity information for all passengers, cabin crew, and other personnel involved in the accident. See Page 1 of the instructions for the official definition of injury levels.

Several questions throughout the form allow for multiple responses; when appropriate, choose all responses that apply.

These instructions only pertain to major issue areas covered by NTSB Form 6120.1 Pilot/Operator Aircraft Accident/Incident Report. For additional definitions of questions and responses, please refer to www.nts.gov.

NATIONAL TRANSPORTATION SAFETY BOARD PILOT/OPERATOR AIRCRAFT ACCIDENT/INCIDENT REPORT

This form to be used for reporting civil and public aircraft accidents and incidents

BASIC INFORMATION

Accident/Incident Location Nearest City/Place: <u>Mount Vernon</u> State: <u>AL</u> ZIP: <u>36560</u> Country: <u>United States</u> Latitude: <u>31° 6' 50"</u> Longitude: <u>-87° 57' 9"</u> <i>(Enter in decimal degrees or degrees:minutes:seconds)</i>		Accident/Incident Date/Time Date: <u>12/03/2023</u> Local Time: <u>11:00</u> <i>mm/dd/yyyy</i> Time Zone: _____ Collision with Other Aircraft: Midair On-ground <u>None</u>	
---	--	--	--

AIRCRAFT INFORMATION

Registration Number: <u>N5952T</u> Manufacturer: <u>Cessna</u> Model: <u>C150 D</u> Serial Number: _____ Year of Manufacture: <u>1964</u> Amateur-Built: Yes If Yes: Kit/Plans Make: _____ <u>No</u> Original Design		IFR-Equipped and Certified Commercial Space Flight Unmanned Aircraft Maximum Gross Weight: <u>1500</u> lbs Weight at Time of Accident/Incident: <u>1430 est.</u> lbs Number of Seats: <u>2</u> Flight Crew Seats: _____ Cabin Crew Seats: _____ Passenger Seats: <u>1</u> Number of Engines: <u>1</u>	
---	--	--	--

Category of Aircraft ☒ Airplane Balloon Blimp/Dirigible Glider Gyroplane Helicopter Powered Lift Rocket Ultralight Unknown	Type of Airworthiness Certificate <i>(Check all that apply)</i> <table style="width: 100%;"> <tr> <th>Standard</th> <th>Special</th> </tr> <tr> <td>Normal</td> <td>Restricted</td> </tr> <tr> <td>Aerobatic</td> <td>Limited</td> </tr> <tr> <td>Balloon</td> <td>Provisional</td> </tr> <tr> <td>Commuter</td> <td>Special Flight</td> </tr> <tr> <td>Transport</td> <td>Experimental</td> </tr> <tr> <td><u>Utility</u></td> <td>Special Light-Sport</td> </tr> <tr> <td></td> <td>Experimental Light-Sport</td> </tr> </table> Certificate of Authorization or Waiver (COA) None Unknown	Standard	Special	Normal	Restricted	Aerobatic	Limited	Balloon	Provisional	Commuter	Special Flight	Transport	Experimental	<u>Utility</u>	Special Light-Sport		Experimental Light-Sport	Landing Gear <i>(Check all that apply)</i> Retractable ☒ Tricycle Tailwheel Amphibian High Skid Emergency Float Skid Float Ski Hull Ski/Wheel Other Launch/Recovery System None Unknown	Engine Type (Select one) ☒ Reciprocating Liquid Rocket Turbo Shaft Solid Rocket Turbo Prop Hybrid Rocket Turbo Jet None Turbo Fan Unknown Electric Fuel System Type (Reciprocating) ☒ Carburetor Fuel-Injected
Standard	Special																		
Normal	Restricted																		
Aerobatic	Limited																		
Balloon	Provisional																		
Commuter	Special Flight																		
Transport	Experimental																		
<u>Utility</u>	Special Light-Sport																		
	Experimental Light-Sport																		

Engine	Engine Manufacturer	Engine Model/Series	Manufacturer's Serial Number	Date of Mfg. <i>mm/dd/yyyy</i>	Rated Power Horsepower or lbs of Thrust	Total Time (hours)	Time Since: Inspection (hours)	Overhaul (hours)
Eng. 1	Continental	O-200			100			1415.1
Eng. 2								
Eng. 3								
Eng. 4								

Last Inspection Type 100-Hour Continuous Airworthiness AAIP Conditional Inspection ☒ Annual Unknown Date Last Inspection: <u>07-03-23</u> <i>mm/dd/yyyy</i> Airframe Total Time: <u>4347.0</u> hrs hours measured at (Select one) ☒ Last Inspection Time of Accident/Incident		Propeller 1 ☒ Fixed Pitch Controllable Pitch Ground Adjustable Manufacturer: <u>Mccauley</u> Model: _____ Propeller 2 Fixed Pitch Controllable Pitch Ground Adjustable Manufacturer: _____ Model: _____	
Type of Maintenance Program (Select one) ☒ Annual Conditional (Amateur-built only) Manufacturer's Inspection Program Other Approved Inspection Program (AAIP) Continuous Airworthiness Other, specify: _____		ELT Installed: ☒ Yes No If Yes: ELT Manufacturer: <u>Unknown</u> Model or Part No.: _____ TSO No.: C91 (121.5 MHz) C91a (121.5 MHz) C126 (406 MHz) Was ELT still mounted in aircraft? Yes No Was ELT still connected to antenna? Yes No Did ELT Activate? Yes No If activated: Did ELT Aid in Locating Aircraft? Yes No If not activated: Indicate Reason: Impact Damage Fire Damage Battery Expired/Damaged Unknown	
Description of Fire Extinguishing System None Specify: <u>fire extinguisher</u>		Additional Equipment (Check all that apply) ☐ ADS-B ☐ Airframe Parachute ☐ Angle of Attack Indicator ☐ Autopilot ☐ Data Recorder ☐ Electronic Flight Bag or Handheld Device ☐ Electronic Multifunction Display ☐ Electronic Primary Flight Display ☐ Handheld GPS ☐ Heads Up Display ☐ Onboard Weather ☐ Satellite Tracking Device ☐ Stall Warning System ☐ Video Recording Device Other, Specify: _____	

OWNER/OPERATOR INFORMATION																																															
Registered Aircraft Owner Name: <u>Brandon Waters</u> Fractional Ownership Aircraft: Yes ☒ No		City: <u>Bushnell</u> State: <u>FL</u> ZIP: <u>32422</u> Country: <u>United States</u>																																													
Operator of Aircraft <u>Same As Registered Owner</u> Name: _____ Doing Business As: _____ Air Carrier/Operator Designator (4 Character Code): _____		<u>Same Address as Registered Owner</u> City: _____ State: _____ ZIP: _____ Country: _____																																													
Operating Certificates Held <i>(Check all that apply)</i> ☒ None Flag Carrier Operating Certificate (FAR 121) Supplemental Air Cargo Foreign Air Carriers (FAR 129) Rotorcraft External Load (FAR 133) Commuter Air Carrier (FAR 135) On-Demand Air Taxi (FAR 135) Commercial Air Tour (FAR 136) Agricultural Aircraft (FAR 137) Pilot School (FAR 141) Certificate of Authorization or Waiver (COA) Commercial Space Transportation Experimental Permit Commercial Space Transportation License Other Operator of Large Aircraft	Regulation Flight Conducted Under <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">FAR 91</td> <td style="width: 33%;">FAR 129</td> <td style="width: 33%;">FAR 415</td> </tr> <tr> <td>FAR 103</td> <td>FAR 133</td> <td>FAR 431</td> </tr> <tr> <td>FAR 121</td> <td>FAR 135</td> <td>FAR 435</td> </tr> <tr> <td>FAR 125</td> <td>FAR 137</td> <td>FAR 437</td> </tr> </table> FAR 91 Special Flight Non-US, Commercial Non-US, Non-commercial Public Aircraft <i>(Select one)</i> Armed Forces Federal State Local Unknown	FAR 91	FAR 129	FAR 415	FAR 103	FAR 133	FAR 431	FAR 121	FAR 135	FAR 435	FAR 125	FAR 137	FAR 437	Revenue Operation for FAR 121, 125, 129, 135 <i>(Select one for each group)</i> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Scheduled or Commuter</td> <td style="width: 50%;">Domestic</td> </tr> <tr> <td>Non-Scheduled or Air Taxi</td> <td>International</td> </tr> </table> Passenger Cargo Mail Contract Only		Scheduled or Commuter	Domestic	Non-Scheduled or Air Taxi	International																												
FAR 91	FAR 129	FAR 415																																													
FAR 103	FAR 133	FAR 431																																													
FAR 121	FAR 135	FAR 435																																													
FAR 125	FAR 137	FAR 437																																													
Scheduled or Commuter	Domestic																																														
Non-Scheduled or Air Taxi	International																																														
Revenue Sightseeing Flight Yes No		Air Medical Flight Yes No																																													
AIRPORT INFORMATION <i>(Fill in if accident/incident occurred on approach, landing, takeoff, departure, or within 3 miles of an airport)</i>																																															
Airport Name: _____ Airport Identifier: _____ Proximity to Airport: Off Airport/Airstrip On Airport/Airstrip N/A		Distance From Airport Center: _____ sm Direction From Airport: _____ degrees true Airport Elevation: _____ ft. msl																																													
Runway Information Runway ID: _____ (L/R/C) Length: _____ ft Width: _____ ft		Condition of Runway/Landing Surface <i>(Check all that apply)</i> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Dry</td> <td style="width: 33%;">Snow-Compacted</td> <td style="width: 33%;">Water-Calm</td> </tr> <tr> <td>Holes</td> <td>Snow-Crusted</td> <td>Water-Choppy</td> </tr> <tr> <td>Ice Covered</td> <td>Snow-Dry</td> <td>Water-Glassy</td> </tr> <tr> <td>Rough</td> <td>Snow-Wet</td> <td>Wet</td> </tr> <tr> <td>Rubber Deposits</td> <td>Soft</td> <td></td> </tr> <tr> <td>Slush-Covered</td> <td>Vegetation</td> <td>Unknown</td> </tr> </table>		Dry	Snow-Compacted	Water-Calm	Holes	Snow-Crusted	Water-Choppy	Ice Covered	Snow-Dry	Water-Glassy	Rough	Snow-Wet	Wet	Rubber Deposits	Soft		Slush-Covered	Vegetation	Unknown																										
Dry	Snow-Compacted	Water-Calm																																													
Holes	Snow-Crusted	Water-Choppy																																													
Ice Covered	Snow-Dry	Water-Glassy																																													
Rough	Snow-Wet	Wet																																													
Rubber Deposits	Soft																																														
Slush-Covered	Vegetation	Unknown																																													
Runway/Landing Surface <i>(Check all that apply)</i> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Asphalt</td> <td style="width: 33%;">Grass/Turf</td> <td style="width: 33%;">Macadam</td> <td style="width: 33%;">Water</td> </tr> <tr> <td>Concrete</td> <td>Gravel</td> <td>Metal/Wood</td> <td></td> </tr> <tr> <td>Dirt</td> <td>Ice</td> <td>Snow</td> <td>Unknown</td> </tr> </table>		Asphalt	Grass/Turf	Macadam	Water	Concrete	Gravel	Metal/Wood		Dirt	Ice	Snow	Unknown	Approach/Departure Segment <i>(Select one)</i> <table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">Taxi</td> <td style="width: 25%;">VFR Departure</td> <td style="width: 25%;">On Instrument Approach</td> <td style="width: 25%;">Downwind</td> </tr> <tr> <td>Takeoff</td> <td>IFR Departure Procedure/Clearance</td> <td>Landing</td> <td>Base</td> </tr> <tr> <td>Initial Climb</td> <td></td> <td></td> <td>Final</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Crosswind</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Low Approach</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Go Around</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Aborted Landing (after touchdown)</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Unknown</td> </tr> </table>		Taxi	VFR Departure	On Instrument Approach	Downwind	Takeoff	IFR Departure Procedure/Clearance	Landing	Base	Initial Climb			Final				Crosswind				Low Approach				Go Around				Aborted Landing (after touchdown)				Unknown
Asphalt	Grass/Turf	Macadam	Water																																												
Concrete	Gravel	Metal/Wood																																													
Dirt	Ice	Snow	Unknown																																												
Taxi	VFR Departure	On Instrument Approach	Downwind																																												
Takeoff	IFR Departure Procedure/Clearance	Landing	Base																																												
Initial Climb			Final																																												
			Crosswind																																												
			Low Approach																																												
			Go Around																																												
			Aborted Landing (after touchdown)																																												
			Unknown																																												
IFR Approach <i>(Check all that apply)</i> None <table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">ADF/NDB</td> <td style="width: 25%;">PAR</td> <td style="width: 25%;">MLS</td> <td style="width: 25%;">Practice</td> </tr> <tr> <td>SDF</td> <td>Sidestep</td> <td>LDA</td> <td>GPS</td> </tr> <tr> <td>VOR/TVOR</td> <td>ILS</td> <td>ASR</td> <td></td> </tr> <tr> <td>VOR/DME</td> <td>Localizer Only</td> <td>Visual</td> <td></td> </tr> <tr> <td>TACAN</td> <td>LOC-back course</td> <td>Contact</td> <td></td> </tr> <tr> <td></td> <td>RNAV</td> <td>Circling</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td>Unknown</td> </tr> </table>		ADF/NDB	PAR	MLS	Practice	SDF	Sidestep	LDA	GPS	VOR/TVOR	ILS	ASR		VOR/DME	Localizer Only	Visual		TACAN	LOC-back course	Contact			RNAV	Circling					Unknown	VFR Approach <i>(Check all that apply)</i> None <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Traffic Pattern</td> <td style="width: 50%;">Stop and Go</td> </tr> <tr> <td>Straight-In</td> <td>Touch and Go</td> </tr> <tr> <td>Valley/Terrain Following</td> <td>Simulated Forced Landing</td> </tr> <tr> <td>Go Around</td> <td>Forced Landing</td> </tr> <tr> <td>Full Stop</td> <td>Precautionary Landing</td> </tr> <tr> <td></td> <td>Unknown</td> </tr> </table>		Traffic Pattern	Stop and Go	Straight-In	Touch and Go	Valley/Terrain Following	Simulated Forced Landing	Go Around	Forced Landing	Full Stop	Precautionary Landing		Unknown				
ADF/NDB	PAR	MLS	Practice																																												
SDF	Sidestep	LDA	GPS																																												
VOR/TVOR	ILS	ASR																																													
VOR/DME	Localizer Only	Visual																																													
TACAN	LOC-back course	Contact																																													
	RNAV	Circling																																													
			Unknown																																												
Traffic Pattern	Stop and Go																																														
Straight-In	Touch and Go																																														
Valley/Terrain Following	Simulated Forced Landing																																														
Go Around	Forced Landing																																														
Full Stop	Precautionary Landing																																														
	Unknown																																														

"FLIGHT CREWMEMBER 1" INFORMATION

"Flight Crewmember 1" Responsibilities at the Time of Accident/Incident

☒ Pilot Co-Pilot Student Pilot Flight Instructor Check Pilot Flight Engineer Other Flight Crew

"Flight Crewmember 1" was pilot flying ☒ Yes No

"Flight Crewmember 1" Identification

First Name: Brandon City of Residence: Bushnell
Middle Initial: J State: IL ZIP: 61422
Last Name: Waters Country: United States
Age at time of Accident/Incident: 27 Date of Birth: 1/1996 mm/dd/yyyy
Certificate Number: [REDACTED]

Degree of Injury ☒ None Fatal ☐ Minor Unknown ☐ Serious	Seat Occupied ☒ Left Front ☐ Right Rear ☐ Center Single ☐ Unknown	Restraint Type Available ☐ None ☒ Lap only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown Used ☐ None ☒ Lap only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown	Inflatable Restraints ☒ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown
Pilot Certificate(s) (Check all that apply) ☒ None Flight Instructor Commercial US Military ☒ Private Recreational Airline Transport Foreign ☐ Student Sport Flight Engineer			
Principal Occupation ☐ Pilot ☒ Other ☐ Unknown	Medical Certificate ☐ None ☐ Class 1 ☐ Class 2 ☒ Class 3 ☐ Driver's License (Sport Pilot only) ☐ Unknown	Medical Certificate Validity ☒ Without limitations/waivers ☐ With limitations/waivers ☐ Special Issuance ☐ Unknown ☐ N/A	Date of Last Medical <u>08/04/2020</u> mm/dd/yyyy

Medical Certificate Limitations

Medical Certificate Special Issuance

Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks: _____ mm/dd/yyyy

Flight Review Aircraft

Make: _____
Model: _____

Airplane Rating(s) (Choose all that apply) ☐ None ☒ Single-Engine Land ☐ Single-Engine Sea ☐ Multiengine Land ☐ Multiengine Sea	Other Aircraft Rating(s) (Choose all that apply) ☒ None ☐ Airship ☐ Balloon ☐ Glider ☐ Gyroplane ☐ Helicopter ☐ Powered Lift	Instrument Rating(s) (Choose all that apply) ☒ None ☐ Airplane ☐ Helicopter ☐ Powered Lift	Instructor Rating(s) (Choose all that apply) ☒ None ☐ Airplane Single-Engine ☐ Airplane Multi-Engine ☐ Gyroplane ☐ Powered Lift ☐ Instrument Airplane ☐ Instrument Helicopter ☐ Helicopter ☐ Glider ☐ Sport
---	--	---	--

Type Ratings

Student Endorsements (Include dates)

Flight Time (Enter appropriate number of hours in each box)	All Aircraft	This Make & Model	Airplane Single Engine	Airplane Multiengine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air
						Actual	Simulated			
Total Time	156.5	143.2	156.5	0	11.3	0	3.1	0	0	0
Pilot in Command (PIC)	101.9	101.9	143.2		6	0				
Time as Instructor	0									
This Make/Model										
Last 90 Days	12.2	12.2	12.2		.5	0	0	0	0	0
Last 30 Days	12.2	12.2	12.2		.5	0	0	0	0	0
Last 24 Hours	0	0	0		0	0	0	0	0	0

"FLIGHT CREWMEMBER 2" INFORMATION																																																																																																				
"Flight Crewmember 2" Responsibilities at the Time of Accident/Incident Pilot Co-Pilot Student Pilot Flight Instructor Check Pilot Flight Engineer Other Flight Crew																																																																																																				
"Flight Crewmember 2" was pilot flying Yes No																																																																																																				
"Flight Crewmember 2" Identification First Name: _____ Middle Initial: _____ Last Name: _____ City of Residence: _____ State: _____ ZIP: _____ Country: _____ Age at time of Accident/Incident: _____ Date of Birth: _____ mm/dd/yyyy Certificate Number: _____																																																																																																				
Degree of Injury None Fatal Minor Unknown Serious		Seat Occupied Left Front Unknown Right Rear Center Single			Restraint Type Available None Lap only 3-point 4-point 5-point Unknown Used None Lap only 3-point 4-point 5-point Unknown			Inflatable Restraints Not Installed Installed Not Deployed Deployed Unknown																																																																																												
Pilot Certificate(s) <i>(Check all that apply)</i> None Private Student Flight Instructor Recreational Sport Commercial Airline Transport Flight Engineer US Military Foreign																																																																																																				
Principal Occupation Pilot Other Unknown		Medical Certificate None Class 3 Class 1 Driver's License (Sport Pilot only) Class 2 Unknown			Medical Certificate Validity Without limitations/waivers With limitations/waivers Special Issuance Unknown N/A			Date of Last Medical _____ mm/dd/yyyy																																																																																												
Medical Certificate Limitations 																																																																																																				
Medical Certificate Special Issuance 																																																																																																				
Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks: _____ mm/dd/yyyy				Flight Review Aircraft Make: _____ Model: _____																																																																																																
Airplane Rating(s) <i>(Check all that apply)</i> None Single-Engine Land Single-Engine Sea Multiengine Land Multiengine Sea		Other Aircraft Rating(s) <i>(Check all that apply)</i> None Airship Balloon Glider Gyroplane Helicopter Powered Lift		Instrument Rating(s) <i>(Check all that apply)</i> None Airplane Helicopter Powered Lift		Instructor Rating(s) <i>(Check all that apply)</i> None Airplane Single-Engine Airplane Multi-Engine Gyroplane Powered Lift Instrument Airplane Instrument Helicopter Helicopter Glider Sport																																																																																														
Type Ratings 						Student Endorsements <i>(Include dates)</i> 																																																																																														
<table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th rowspan="2" style="text-align: left;">Flight Time <i>(Enter appropriate number of hours in each box)</i></th> <th rowspan="2">All Aircraft</th> <th rowspan="2">This Make & Model</th> <th rowspan="2">Airplane Single Engine</th> <th rowspan="2">Airplane Multiengine</th> <th rowspan="2">Night</th> <th colspan="2">Instrument</th> <th rowspan="2">Rotorcraft</th> <th rowspan="2">Glider</th> <th rowspan="2">Lighter Than Air</th> </tr> <tr> <th>Actual</th> <th>Simulated</th> </tr> </thead> <tbody> <tr> <td>Total Time</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Pilot in Command (PIC)</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Time as Instructor</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>This Make/Model</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Last 90 Days</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Last 30 Days</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Last 24 Hours</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </tbody> </table>											Flight Time <i>(Enter appropriate number of hours in each box)</i>	All Aircraft	This Make & Model	Airplane Single Engine	Airplane Multiengine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air	Actual	Simulated	Total Time											Pilot in Command (PIC)											Time as Instructor											This Make/Model											Last 90 Days											Last 30 Days											Last 24 Hours										
Flight Time <i>(Enter appropriate number of hours in each box)</i>	All Aircraft	This Make & Model	Airplane Single Engine	Airplane Multiengine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air																																																																																										
						Actual	Simulated																																																																																													
Total Time																																																																																																				
Pilot in Command (PIC)																																																																																																				
Time as Instructor																																																																																																				
This Make/Model																																																																																																				
Last 90 Days																																																																																																				
Last 30 Days																																																																																																				
Last 24 Hours																																																																																																				

ADDITIONAL FLIGHT CREWMEMBERS (Exclusive of cabin crew, complete the following information)									
Crew Name and Address					Seat Occupied		Injury		
First Name: _____ City of Residence: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____					Left Front Center Rear Right Single Unknown		None Minor Serious Fatal Unknown		
Pilot Certificate(s) (Check all that apply) None Private Student Flight Instructor Recreational Sport Commercial Airline Transport Flight Engineer US Military Foreign					Restraint Type: Available None Lap Only 3-point 4-point 5-point Unknown Used None Lap Only 3-point 4-point 5-point Unknown		Inflatable Restraints None Installed Installed Not Deployed Deployed Unknown		
Type Rating/Endorsement for Accident/Incident Aircraft? Yes No			Total Flight Time at the Time of this Accident/Incident: _____ hrs						
Crew Name and Address					Seat Occupied		Injury		
First Name: _____ City of Residence: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____					Left Front Center Rear Right Single Unknown		None Minor Serious Fatal Unknown		
Pilot Certificate(s) (Check all that apply) None Private Student Flight Instructor Recreational Sport Commercial Airline Transport Flight Engineer US Military Foreign					Restraint Type: Available None Lap Only 3-point 4-point 5-point Unknown Used None Lap Only 3-point 4-point 5-point Unknown		Inflatable Restraints None Installed Installed Not Deployed Deployed Unknown		
Type Rating/Endorsement for Accident/Incident Aircraft? Yes No			Total Flight Time at the Time of this Accident/Incident: _____ hrs						
PASSENGER(S) / OTHER PERSONNEL (Include cabin crew; continue on separate sheet if necessary)									
Name and Address			Seat	Injury	Restraint Type		Inflatable Restraints	Age	
First Name: <u>Nick</u> City: <u>Bartonville</u> Middle Initial: <u>A</u> State: <u>IL</u> ZIP: <u>601607</u> Last Name: <u>Mousson</u> Country: <u>USA</u> Crew <u>Passenger</u> Other			Left Center <u>Right</u> Unknown Row: <u>1</u>	<u>None</u> Minor Serious Fatal Unknown	Available Used None None <u>Lap Only</u> <u>Lap Only</u> 3-point 3-point 4-point 4-point 5-point 5-point Unknown Unknown		<u>Not Installed</u> Installed Not Deployed Deployed Unknown	Under 5 years <i>If Under 5,</i> Child Restraint Lap-Held Unknown	
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____ Crew Passenger Other			Left Center Right Unknown Row: _____	None Minor Serious Fatal Unknown	Available Used None None Lap Only Lap Only 3-point 3-point 4-point 4-point 5-point 5-point Unknown Unknown		Not Installed Installed Not Deployed Deployed Unknown	Under 5 years <i>If Under 5,</i> Child Restraint Lap-Held Unknown	
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____ Crew Passenger Other			Left Center Right Unknown Row: _____	None Minor Serious Fatal Unknown	Available Used None None Lap Only Lap Only 3-point 3-point 4-point 4-point 5-point 5-point Unknown Unknown		Not Installed Installed Not Deployed Deployed Unknown	Under 5 years <i>If Under 5,</i> Child Restraint Lap-Held Unknown	
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____ Crew Passenger Other			Left Center Right Unknown Row: _____	None Minor Serious Fatal Unknown	Available Used None None Lap Only Lap Only 3-point 3-point 4-point 4-point 5-point 5-point Unknown Unknown		Not Installed Installed Not Deployed Deployed Unknown	Under 5 years <i>If Under 5,</i> Child Restraint Lap-Held Unknown	

FLIGHT ITINERARY INFORMATION

Last Departure Point Airport ID: <u>2R5</u> City: <u>ST. Elmo</u> State: <u>AL</u> Country: <u>USA</u>	Time of Departure Time: <u>900</u> Time Zone: <u>CST</u>	Destination Airport ID: <u>2R5</u> City: <u>ST. Elmo</u> State: <u>AL</u> Country: <u>USA</u>	Type Flight Plan Filed ☒ None ☐ Company VFR ☐ Military VFR ☐ VFR Activated? Yes No Unknown
---	---	--	---

Type of ATC Clearance/Service (Check all that apply) ☒ None ☐ VFR ☐ Special VFR ☐ IFR ☐ Special IFR ☐ VFR On Top ☐ VFR Flight Following ☐ Traffic Advisory ☐ Cruise ☐ Unknown / NA
--

Airspace where the accident/incident occurred (Check all that apply) Class A Class B Class C Class D Class E ☒ Class G Demo Area Warning Area Prohibited Area Restricted Area Military Operations Area (MOA) Airport Advisory Area Jet Training Area TRSA FAR 93 Special Air Traffic Control Area Unknown Altitude of In-Flight Occurrence: _____ ft msl
--

WEATHER INFORMATION AT THE ACCIDENT/INCIDENT SITE

Source of Pilot Weather Information (Choose all that apply) National Weather Service Flight Service Station TV/Radio Automated Report Commercial Weather Service (DUATS) On-Board Weather Company Military ☒ Internet None Unknown	Weather Observation Facility Facility ID: _____ Observation Time: _____ Time Zone: _____ Distance from Accident Site: _____ nm Direction from Accident Site: _____ degrees true
--	---

Basic Conditions ☒ VMC ☐ IMC ☐ Unknown	Light Condition Dawn ☒ Day Dusk Night Dark Night Bright Night ☐ Unknown
---	--

Sky/Lowest Cloud Condition Clear Few Partial Obscuration Scattered ☒ Thin Broken ☐ Thin Overcast ☐ Unknown	Ceiling None (Clear) ☒ Broken ☐ Overcast Obscured Indefinite Unknown Ceiling Height <u>20,000</u> ft agl	Temperature: <u>4</u> (C) or _____ (F) Dew Point: <u>9</u> (C) or _____ (F) Altimeter Setting: <u>30.10</u> in. Hg or _____ MB
---	---	--

Wind Direction Variable -or- Direction: <u>100</u> degrees true	Wind Speed Calm Light and Variable -or- Speed: <u>4</u> kts	Wind Gusts ☒ Not Gusting -or- Speed: _____ kts	Visibility <u>10</u> miles RVR: _____ feet RVV: _____ miles Density Altitude: _____ ft
---	--	---	---

Intensity of Precipitation Light Moderate Heavy N/A Unknown	Type of Precipitation (Check all that apply) ☒ None ☐ Rain ☐ Snow ☐ Hail ☐ Rain Showers ☐ Drizzle ☐ Ice Pellets ☐ Snow Pellets ☐ Snow Grains ☐ Ice Crystals ☐ Freezing Rain ☐ Snow Shower ☐ Ice Pellets Shower ☐ Freezing Drizzle	Restriction to Visibility (Check all that apply) ☒ None ☐ Blowing Dust ☐ Blowing Sand ☐ Blowing Snow ☐ Blowing Spray ☐ Dust ☐ Fog ☐ Ground Fog ☐ Haze ☐ Ice Fog ☐ Smoke ☐ Unknown
---	---	---

Icing Forecast Amount ☒ None ☐ Trace ☐ Light ☐ Moderate ☐ Severe ☐ Unknown Type N/A Rime Clear Mixed Unknown	Icing Actual Amount ☒ None ☐ Trace ☐ Light ☐ Moderate ☐ Severe ☐ Unknown Type N/A Rime Clear Mixed Unknown	Turbulence Type (Check all that apply) ☐ None ☐ Clear Air ☐ Terrain-Induced ☐ Convective Turbulence Severity ☒ Light ☐ Moderate ☐ Severe ☐ Extreme
---	---	--

NOTAMS (D and FDC), AIRMETS, SIGMETs, PIREPs in effect at the time of the accident/incident:

DAMAGE TO AIRCRAFT AND OTHER PROPERTY**Aircraft Damage**

None
Minor
Substantial
Destroyed
Unknown

Aircraft Fire

None
In-Flight
On-Ground
Both Ground and In-Flight
Fire at Unknown Time
Unknown

Aircraft Explosion

None
In-Flight
On-Ground
Both Ground and In-Flight
Explosion at Unknown Time
Unknown

Description of Damage to Aircraft and Other Property (Use additional sheet if necessary) Unknown.

NARRATIVE HISTORY OF FLIGHT (Please type or print in ink)

Describe what occurred in chronological order, including circumstances leading to and nature of accident/incident. Describe terrain and include wreckage distribution sketch if pertinent. Attach extra sheets if needed. State departure time and location, services obtained, and intended destination. Provide as much detail as possible.

was going on a local sight seeing flight with a friend.

was flying along the river, unsure of what exactly put us in water. Took off from St. Elmo. Planned to return to St. Elmo

RECOMMENDATION (How could this accident/incident have been prevented?)

Operator/Owner Safety Recommendation

MECHANICAL MALFUNCTION/FAILURE (If more space is needed, continue on separate sheet)Was there Mechanical Malfunction/Failure? Yes No
(If yes, list the name of the part, manufacturer, part no., serial no., and describe the failure.)

Unknown.

Total Time/Cycles
On Part____ Hours
____ CyclesTime Since This Part
Inspected/Overhauled

____ Hours

FUEL & SERVICES INFORMATIONFuel on Board at Last Takeoff
(Convert from pounds, as necessary)

18 Gallons

Fuel Type

80/87

100 Low Lead

100/130

115/145

Jet A

Jet A-1

Jet B

JP8

Automotive

Other, specify _____

Other Services, if Any, Prior to Departure

EVACUATION OF AIRCRAFT

Was an emergency evacuation of the aircraft performed? Yes No

Method of Exit – Describe how the occupants exited and how many occupants evacuated each location

Unknown.

OTHER AIRCRAFT – COLLISION (If air or ground collision occurred, complete this section for other aircraft)

Aircraft Registration Number

Manufacturer: _____

Model: _____

Damage to Other Aircraft

Destroyed Minor
Substantial None

Registered Owner of Other Aircraft

Name: _____

City: _____

State: _____ ZIP: _____

Country: _____

Pilot of Other Aircraft

Name: _____

City: _____

State: _____ ZIP: _____

Country: _____

ADDITIONAL INFORMATION (Please type or print in ink)

Use this space if additional space is needed for any answers.

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS COMPLETE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Date of this Report

12/17/2023

mm/dd/yyyy

Name of Pilot/Operator: Brandon Waters

Signature: [Redacted]

-- or --

Check here to electronically sign this document

If a Person Other than Pilot/Operator is Filing Report

Name: _____

Title: _____

Signature: _____

-- or --

Check here to electronically sign this document

FOR NTSB USE ONLY

NTSB Accident/Incident No.

ERA24LA060

Reviewed by NTSB Regional Office

ERA

Name of Investigator

Ryan M. Enders

Date Report Received

12/19/2023