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.

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.

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.

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.ntsb.gov.

NTSB Form 6120.1 (rev. 9/2013). This form replaces 6120.1/2.

| NATIONAL TRANSPORTATION SAFETY BOARD PILOT/OPERATOR AIRCRAFT ACCIDENT/INCIDENT REPORT This form to be used for reporting civil and public aircraft accidents and incidents | | | | | | | | | | | | | |
|--|--|--------------------|------------------------|----------------------------|---------------------|-------------------------------------|--|--|--|---------------------------|-----------------------|-----------------------------|---------------------|
| BASI | | TION | | | | | 198 | | | | | | |
| | nt/Incident Loc | | | | | | Ac | cident/Incid | ent Date/ | lime | <u> </u> | | |
| Nearest | City/Place: MOC | ORHEAD | | | State: | MN | Da | te: <u>11/2</u> | 23/2016 | Lo | cal Time: | 1600 | |
| ZIP: 56 | 3560 <u> </u> | | | | | - | 2. | mm/da | | | _ | | |
| Latitude | 40.8089 | | Longitude: -96. | 5756 | | | | | | Ti | me Zone: _(| CENTRAL | |
| | (Enter in decima | l degrees or a | legrees:minutes:sec | conds) | | | Co | ollision with | Other Air | eraft: C |) Midair | OOn-groun | d O None |
| AIRC | RAFT INFO | RMATIO | N State Street | | | | Quite i La Part La Part | en e | i sta | | | | A + 1 |
| Registr | ation Number: | N80RT | | | | | | ☑ IFR-Equip | | | | | |
| Manuf | acturer: <u>BEEC</u> | HCRAFT | | | | | | Commercia Unmanned | | gnt | | | |
| Model: | SUPER KING | AIR 200 | | | | | M | laximum Gr | oss Weigh | t: 12500 |) | lbs | |
| Serial I | Number: <u>BB-3</u> | 70 | | | | | I . | eight at Tin | - | | _ | 500 | lbs |
| | f Manufacture: | | | | | | ļ | umber of Se | | | | | |
| | | | OKit/Plans Mal | ce: | | | | abin Crew Seat | | | - | | |
| | O No | - | Original Design | | | | | umber of En | | | | | |
| Catego | ry of Aircraft | Type of A | irworthiness Ce | rtificate | | Landing Ge | L | | | Engin | е Туре (Se | elect one) | |
| Airpl | ane | (Check all t | | | | (Check all th | - | , | | O Reci | procating | O Liqui | d Rocket |
| O Ballo | on p/Dirigible | Standar Standar | 1 | ted | | | Ret | ractable | | | o Shaft | O Solid | id Rocket |
| OGlide | | Aerob | = | | | 7 Tricycle | | | | ONone | | | |
| OGyro | | Balloc | | | | | | | igh Skid | OTurb | | O Unkr | nown |
| O Helic O Powe | 1 | Comm | | | | | cy Fl | loat □SI □SI | | O Elec | tric | | |
| ORock | | 🗖 Utility | Special | al Light-Sport Hull | | | | | ci/Wheel | Fuel Sy | stem Type | (Reciprocatii | ng) |
| OUltra OUnkr | | | • | imental Light-Sport | | | unch | NRecovery Sys | tem | OCarb | uretor | O Fuel- | Injected |
| • • • • • • | | Certificate | e of Authorization | Unknown | | | | D U | nknown | | | | |
| | | L | | | | | | | Rated Pow | | Total | | Since: |
| Engine | Engine Manufa | aturar | Engine Model/Series | Manufacture Seriel Numb | | | | of Mfg. mm/dd/yyyy | Horsej Ibs of | power or Thrust | Time (hours) | Inspection (hours) | Overhaul (hours) |
| Engine Eng. 1 | PRATT WHITN | | PT5A-60A | Serial Number | | | | min/ dd/ yyyy | 1050 | Thuse | (nours) | | (nours) |
| Eng. 2 | PRATT WHITN | | PT6A-60A | | | | 1050 | | | | | | |
| Eng. 3 | | | | | | | | | | | | | |
| Eng. 4 | | | | | | | | | | | | | |
| Last I | nspection Type | | | Propell | er 1 | OFixed F OControl | | | Prop | eller 2 | | Fixed Pitch Controllable | Ditab |
| ⊙ 100-H | • | tinuous Airwo | orthiness | | | OGround | | | | | - | Ground Adju | |
| OAAIF | • OCon | ditional Inspe | | Manufad | turer: | | | | Man | ufacturer: | | | |
| OAnnu | | | | Model: | | | | | | | | | |
| Date L | ast Inspection: | | | ELT Installed: OYes ONo | | | | | Additi | onal Equ | ipment (| Check all tha | t apply) |
| Airfrar | ne Total Time: | mm/aa/yy | hrs | If Yes: | | | | | | | | | |
| | rs measured at (S | | | | | er: | | | | frame Para | chute .ck Indicato | or | |
| | | - | ccident/Incident | | | 0.: (121.5 MHz) (| | | 🛛 🗹 Au | topilot | | | |
| Type of | Type of Maintenance Program (Select one) | | | | | (121.5 MHZ) (5 (406 MHz) | . , | - τα (τ <i>2</i> τ. <i>3</i> ΙΨΙΠ | | ta Recorde etronic Fli | | Handheld De | vice |
| Annual | | | | Was EL | | ounted in aircra | aft? | OYes ONo | ∎Ele | ctronic M | ultifunction | Display | |
| O Conditional (Amateur-built only) Was E | | | | | T still co | nnected to ante | nna | | $ \square^{\text{Ele}}$ | ctronic Pri ndheld GP | imary Fligh S | ıt Display | |
| O Manufacturer's inspection Program (AAIP) | | | | ļ | | e? ⊙Yes O | No | | | ads Up Dis | | | |
| Continuous Airworthiness Other, specify: | | | | | ated: ` Aid in I | locating Aircr | aft: OYes ONo Statellite Tracking Device | | | | | | |
| | r, specify: | | | 4 | ctivated: | Second Antil | | J. 105 GINO | | ellite Trac Il Warning | - | e | |
| Descri | | unguisning | system | , v | Reason: | Impact Da | imag | ze | Vic | leo Record | ling Device | | |
| O Spec | | | | | | Fire Dama | ige - | | □Oth | er, Specif | y: | | |
| 1 | | | | | | Battery Ex | | d/Damaged | | | | | |
| 1 | | | | | | | | | | | | | |

| OWNER/OPERATOR INFORMA | TION | | | | | |
|---|---|---|--|--|--|--|
| Registered Aircraft Owner | | City: HELENA | | | | |
| Name: SLICE OF THE 406 LLC | | State: MT ZIP: | | | | |
| Fractional Ownership Aircraft: O Yes O | No | Country: US | | | | |
| Operator of Aircraft Same As Reg | zistered Owner | Same Address as Registered Owner | | | | |
| Name: | | City: | | | | |
| Doing Business As: | | | | | | |
| Air Carrier/Operator Designator (4 Characte | er Code): | Country: | | | | |
| Operating Certificates Held (Check all that apply) | Regulation Flight Conducted Und | der Revenue Operation for FAR 121, 125, 129, 135 (Select one for each group) | | | | |
| 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) | OFAR 91 OFAR 129 OFAR 4 OFAR 103 OFAR 133 OFAR 4 OFAR 121 OFAR 135 OFAR 4 OFAR 125 OFAR 137 OFAR 4 OFAR 91 Special Flight O Non-US, Commercial O Non-US, Non-commercial | 431 Non-Scheduled or Air Taxi Air Taxi< | | | | |
| 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 | OPublic Aircraft <i>(Select one)</i> Armed Forces Federal State Local OUnknown | Purpose of Flight for FAR 91, 103, 133, 137 (Select one) O Aerial Application OFirefighting O Aerial Observation OFlight Test O Air Drop OGlider Tow O Air Race/Show OInstructional O Banner Tow OOther Work Use O Business OPersonal O Executive/Corporate OSkydiving | | | | |
| Revenue Sightseeing Flight | Air Medical Flight | O Ferry | | | | |
| OYes ⊙No | O Yes 💿 No | | | | | |
| AIRPORT INFORMATION (Fill in | if accident/incident occurred on app | proach, landing, takeoff, departure, or within 3 miles of an airport) | | | | |
| Airport Name: MOORHEAD MUNICIE | PAL | Distance From Airport Center: 0.4sm | | | | |
| Airport Identifier: KJKJ | | Direction From Airport: 120 degrees true | | | | |
| Proximity to Airport: Off Airport/Airstr | p OOn Airport/Airstrip ON/A | Airport Elevation: <u>918</u> ft. msl | | | | |
| Runway Information Runway ID: 12/30 (L/R/C) Length: 43 Runway/Landing Surface (Check all that Asphalt Grass/Turf Concrete Gravel Dirt Ice | apply) adam 🗖 Water al/Wood | Condition of Runway/Landing Surface (Check all that apply) Dry Snow-Compacted Water-Calm Holes Snow-Crusted Water-Choppy Ice Covered Snow-Dry Water-Glassy Rough Snow-Wet Wet Rubber Deposits Soft Soft Slush-Covered Vegetation Unknown | | | | |
| Approach/Departure Segment (Select one | e) | | | | | |
| OTaxi OTakeoff OInitial Climb | ⊙ On Instrument Ap | oproach ODownwind OLow Approach OBase OGo Around OFinal OAborted Landing (after touchdown) OCrosswind OUnknown | | | | |
| IFR Approach (Check all that apply) | | VFR Approach (Check all that apply) | | | | |
| □ None □ ADF/NDB □ PAR □ SDF □ Sidestep □ VOR/TVOR □ ILS □ VOR/DME □ Localizer Only □ TACAN □ LOC-back course □ RNAV | Image: MLS □ Practice □ LDA □ GPS □ ASR □ Visual □ Contact □ Circling | None 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 Unknown | | | | |
| 1 | | | | | | |

| "FLIGHT CREWMEMBER 1" INFORMATION | | | | | | | | | |
|---|---|------------------------------|-------------------|-------------------------|---------------------------------|--|------------|----------------------------|---------------|
| | *Flight Crewmember 1" Responsibilities at the Time of Accident/Incident Pilot O Co-Pilot O Student Pilot O Flight Instructor O Check Pilot O Flight Engineer O Other Flight Crew | | | | | | | | |
| "Flight Crewmember 1" was | pilot flying 🛛 🛛 | les 🗖 No | | | | | | | |
| "Flight Crewmember 1" Ider | ntification | | | | | | | | |
| First Name: KENT | | | | Ci | ty of Resi | dence: | | | |
| Middle Initial: D | | | | Sta | ate: | ZIP | | | |
| Last Name: <u>THOMPSON</u> | | | | Co | untry: <u> </u> | JS | | | |
| Age at time of A | Accident/Incident: | | Date of Bir | | | mm/dd/yyyyy | | | |
| | | | tificate Numb | | - | | | flatable Re | stuaints |
| Degree of Injury O None O Fatal | Seat Occupied | O Front | O Unknowr | , } | | | | | .5ci anii t.5 |
| Minor O Unknown Serious | O Right | O Rear O Single | 0 | A | vailable O None O Lap onl | Used ONone v OLap only | | □ Not Insta □ Installed | |
| Pilot Certificate(s) (Check all | that apply) | | | | 3-point | ⊙3-point | ļ | Deployed | oyed |
| ☐ None | | nmercial | 🗖 US Mili | | O 4-point O 5-point | O 4-point O 5-point | 1 | Unknown | |
| PrivateRecreationStudentSport | | ine Transpor tht Engineer | t 🗖 Foreign | | O Unknov | | | _ | |
| Principal Occupation M | ledical Certificate | ; | | Med | ical Certi | ficate Validity | | ate of Last | Medical |
| | None OCI | | | 1 2 | | tations/waivers O Unkn ons/waivers O N/A | | 09/20/201 | 6 |
| | - | river's Licen nknown | se (Sport Pilot c | | ecial Issua | - | | mm/dd/yyy | |
| Medical Certificate Limitation | | | | | | | | | |
| NONE | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Medical Certificate Special I | ssuance | | | | | | | | |
| NONE | | | | | | | | | |
| Date of Last Flight Review | | Flight | Review Airci | | | | | | |
| or Equivalent, Including | | _ | BEECHCRA | | | | | | |
| FAR 121/135 Checks: | 08/18/2016 | | KING AIR 2 | | | | | | |
| | mm/dd/yyyy Other Aircraft F | | | nt Rating(s) | | Instructor Rating(s) | | | |
| Airplane Rating(s) (Check all that apply) | (Check all that appl | | (Check all | | | (Check all that apply) | | | |
| None None | None None | | None | • • • • | ☐ None | | | | |
| ✓ Single-Engine Land | Airship | | Airplar 🖸 Airplar | | 1 | Airplane Single-EngineAirplane Multi-Engine | | Helicopter | lencopter |
| Single-Engine Sea Multiengine Land | Balloon Glider | | Powere | ed Lift | Gyroplane 🗖 Glider | | | | |
| Multiengine Sea | Gyroplane Gyropter | | | | | Powered Lift | U | Sport | |
| | Powered Lift | | | | | | | | |
| Type Ratings | | | | | | Student Endorsements | (Include d | ates) | |
| CE-560 (SEC) | | | | |] | | | | |
| 1 | | | | | | | | | |
| | | | | | | | | | |
| 1 | | | | | { | | | | |
| | | | Airplane | Ajunlata | [| Instrument | | | Lighter |
| Flight Time (Enter appropriate number of hours in each box) | | This Make & Model | Single Engine | Airplane Multiengine | Night | Actual Simulated I | Rotorcraft | Glider | Than Air |
| Total Time | 5,630 | 89 | 4,195 | 1,585 | 480 | | | | |
| Pilot in Command (PIC) | 5,345 | 86 | 4,100 | 1,500 | 470 | | | | <u> </u> |
| Time as Instructor | 2,752 | 0 | 2,400 | 350 | 100 | | | | |
| This Make/Model | | | | | 16 | | | | |
| Last 90 Days | 149 | 40 | 68 | 81 | 25 | | | | |
| Last 30 Days | 46 | 18 | 170 | 29 0 | 18 | | | | |
| Last 24 Hours | 0 | 0 | 0 | 0 | <u> </u> | | | L | <u> </u> |

| "FLIGHT CREWMEMBER 2" INFORMATION | | | | | | | | |
|--|--|---------------------------|------------------------|--|---|--------------------------------|--|--|
| "Flight Crewmember 2" Responsibilities at the Time of Accident/Incident OPilot OCo-Pilot OStudent Pilot OFlight Instructor OCheck Pilot OFlight Engineer OOther Flight Crew | | | | | | | | |
| "Flight Crewmember 2" was pilot flying 🔲 Yes 🔲 No | | | | | | | | |
| "Flight Crewmember 2" I | | | | | | | | |
| First Name: | | | | City of Re | sidence: | | | |
| Middle Initial: | | | | State: | ZIP: | | | |
| Last Name: | | | | Country: | | | | |
| Age at time of | f Accident/Incident: | | Date of Birth: | | mm/dd/yyyy | | | |
| | | Certif | icate Number: | | | | | |
| Degree of Injury | Seat Occupied | | | Restraint T | 'ype | Inflatable Restraints | | |
| O None O Fatal O Minor O Unknown O Serious | ORight C |)Front Rear)Single | OUnknown | Availab O None O Lap | e O None | ☐ Not Installed ☐ Installed | | |
| Pilot Certificate(s) (Check | all that apply) | | | O 3-po | int O 3-point | ☐ Not Deployed ☐ Deployed | | |
| None Image: Flight Private Recre Student Sport | | e Transport | US Military Foreign | О 5-ро | 0 4-point 0 4-point 0 5-point 0 5-point 0 Unknown 0 Unknown | | | |
| Principal Occupation | Medical Certificate | | | Medical Ce | rtificate Validity | Date of Last Medical | | |
| O Pilot | O None O Clas | | (Create Dilate and a) | | mitations/waivers O Unknown ations/waivers O N/A | | | |
| O Other O Unknown | O Class 1 O Driv O Class 2 O Unkt | | (Sport Pilot only) | O Special Is | | mm/dd/yyyy | | |
| Medical Certificate Limitz | ations | | | | | | | |
| | | | | | | | | |
| Medical Certificate Specia | Il Issuance | | | | | | | |
| Date of Last Flight Review or Equivalent, Including | V | - | eview Aircraft | | | | | |
| FAR 121/135 Checks: | (11) | | | | | | | |
| | mm/dd/yyyy | Model: | | Rating(s) Instructor Rating(s) | | | | |
| Airplane Rating(s) (Check all that apply) | Other Aircraft Rat (Check all that apply) | | (Check all that a | 0. | (Check all that apply) | | | |
| □ None | None | | None | □ None □ Instrument Airplane | | | | |
| Single-Engine Land | Airship | | Airplane | Airplane Single-Engine Instrument Helico | | | | |
| ☐ Single-Engine Sea ☐ Multiengine Land | Balloon Glider | | Helicopter | ft Airplane Multi-Engine Helicopter | | | | |
| Multiengine Sea | Gyroplane | | | | | Sport | | |
| | Helicopter Powered Lift | | | | | | | |
| Type Ratings | | | <u> </u> | | Student Endorsements (Includ | le dates) | | |
| k | | | | | | | | |
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| | | | | | | | | |
| L | <u> </u> | | Airplane | | | | | |
| Flight Time (Enter appropr | | s Make | Single Ai | rplane | Instrument Rotorer | aft Glider Than Air | | |
| number of hours in each box) | Aircraft & | Model | Engine Mul | tiengine Nigh | t Actual Simulated Rotorcr | | | |
| Total Time | | | | | | | | |
| Pilot in Command (PIC) | | | | | | | | |
| Time as Instructor This Make/Model | | | | | | | | |
| Last 90 Days | | | | | | | | |
| Last 30 Days | | | | | | | | |
| Last 24 Hours | | | | | | | | |
| The second s | | | | | | | | |

| ADDITIONAL FL | IGHT CREWMEN | BERS (| Exclusive | e of cabin cr | ew, complete | the followin | g information) | | w ^a n an |
|---|---|--------------|-----------|--|--|---|---|---|---|
| Crew Name and Add | dress | | | | | | Seat Occupie | d | Injury |
| First Name: City of Residence: Middle Initial: State: Last Name: Country: | | | | | | | | O Front O Rear O Single O Unknown | O None O Minor O Serious O Fatal O Unknown |
| Pilot Certificate(s) (Check all that apply) None Flight Instructor Private Recreational Student Sport Type Rating/Endorsement for Total Flight Time at the Time Accident/Incident Aircraft? Yes | | | | | | hrs | Restraint Ty Available O None O Lap Only O 3-point O 4-point O 5-point O Unknown | ye: Used O None O Lap Only O 3-point O 4-point O 5-point O Unknown | Inflatable Restraints Not Installed Installed Not Deployed Deployed Unknown |
| Crew Name and Add | dress | <u> </u> | | | | aper in any the s | Seat Occupie | d | Injury |
| Middle Initial: | | State | e: | 2 | ZIP: | | OLeft OFront OCenter ORear ORight OSingle OUnknown | | O None O Minor O Serious O Fatal O Unknown |
| Pilot Certificate(s) (| ☐ Flight Instructor ☐ Recreational ☐ Sport sement for ircraft? ☐Yes | Airl Flig | of this A | ort DFor er light Time at | t the Time dent: | hrs | Restraint Ty Available O None Lap Only O 3-point O 4-point O 5-point O Unknown | Used O None O Lap Only O 3-point O 4-point O 5-point O Unknown | Inflatable Restraints Not Installed Installed Not Deployed Deployed Unknown |
| PASSENGER(S) | / OTHER PERSO | DNNEL (| Include c | abin crew; c | ontinue on s | eparate shee | et if necessary) | Inflatable | |
| Name and Address | | | | Seat | Injury | Restraint T | уре | Restraints | Age |
| First Name: Middle Initial: Last Name: OCrew | State: | ZIP: | | OLeft OCenter ORight OUnknown Row: | O None O Minor O Serious O Fatal O Unknown | Available ONone OLap Only O3-point O4-point O5-point OUnknown | O 3-point O 4-point O 5-point | ☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown | ☐ Under 5 years I <i>If Under 5</i> , O Child Restraint O Lap-Held O Unknown |
| First Name: Middle Initial: Last Name: OCrew | State: | ZIP: | | OLeft OCenter ORight OUnknown Row: | O None O Minor O Serious O Fatal O Unknown | Available ONone OLap Only O3-point O4-point O5-point OUnknown | O 3-point O 4-point O 5-point | □ Not Installed □ Installed □ Not Deployed □ Deployed □ Unknown | Under 5 years |
| First Name: Middle Initial: Last Name: OCrew | State: | ZIP: | | OLeft OCenter ORight OUnknown Row: | O None O Minor O Serious O Fatal O Unknown | Available ONone OLap Only O3-point O4-point O5-point OUnknowr | Used O None O Lap Only O 3-point O 4-point O 5-point | □ Not Installed □ Installed □ Not Deployed □ Deployed □ Unknown | Under 5 years |
| First Name: Middle Initial: Last Name: OCrew | State: | Z1P: | | OLeft OCenter ORight OUnknown Row: | ONone OMinor OSerious OFatal OUnknown | Available O None O Lap Only O 3-point O 4-point O 5-point O Unknowr | O 3-point O 4-point O 5-point | ☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown | Under 5 years |

| FLIGHT ITINERARY IN | FORMATION | | | | ng Tang Sang Sang Sang Sang Sang Sang Sang S | | | e de la companya de l Recordo de la companya | |
|--|---------------------------|--|-------------------------------------|------------------------|--|--|------------------|---|--|
| Last Departure Point | Time | e of Departure | Destinatio | | | Type Fligh | | | |
| Airport ID: KBDE | | 1710 | Airport ID: | | | O None | | VFR/IFR | |
| City: BAUDETTE | | | City: MOC | ORHEAD | | O Company O Military | | D IFR D Unknown | |
| State: MN | | Zone: CENT | State: MN | | | O VFR | | - | |
| Country: US | | | Country: U | | | Activated? | OYes C | No OUnknown | |
| Type of ATC Clearance/Serv | | pply) | | | | | | | |
| □ None □ | Special VFR IFR | 🗖 Spec | cial IFR R On Top | | VFR Flight Follo | | Cruise | vn / NA | |
| Airspace where the accident/ | | | | | | | Altitude | of In-Flight | |
| | Class G | | itary Operations port Advisory A | | Special | ol Area | Occurre | 0 | |
| | Demo Area Warning Area | | oort Advisory Ai Fraining Area | ιca | Unknown | or Area | | ft msl | |
| Class D | Prohibited Area | TRS | SA | | - | | | | |
| Class E | Restricted Area | ☐ FAR | | | and the second s | an a | | | |
| WEATHER INFORMA | | ACCIDENT | T/INCIDEN | | | | ar 4 S | ing the | |
| Source of Pilot Weather Info | rmation | | | | servation Facility | | | | |
| (Check all that apply) Interval (Check all that apply) | Com | Jany | | Facility ID: K | | | | | |
| Flight Service Station | ☐ Com | | | | ime: <u>1730</u> | | | | |
| TV/Radio | 🗖 Interr | net | l | | | | | | |
| Automated Report Commercial Weather Service (| (DUATS) 🗖 Unkn | | | 1 | Accident Site: 0.4 | | | | |
| On-Board Weather | | NJ WY 11 | | 1 | Accident Site: 120 | | | ue | |
| Basic Conditions | | Light Conditi | on | | | | | | |
| OVMC | | O Dawn | O Dusk | | Ų – | known | | | |
| O IMC | | ODay | Night | OBrig | zht Night | | | | |
| OUnknown | | · | | | <u> </u> | | | | |
| Sky/Lowest Cloud Condition | | Ceiling | - | ol : | Temperature: | | (C) or | (F) | |
| | Thin Broken | O None (Clear) O Broken | | Obscured Indefinite | Dew Point: _0 | 0 (0 | С) ог | (F) | |
| | Thin Overcast Unknown | Orderinite Overcast | | | | | | | |
| O Scattered | | | - | | Aitimeter Sett | Altimeter Setting: <u>3009</u> in. Hg or MB | | | |
| Lowest Cloud Condition He | ight | Ceiling Heigh | t | _ | } | ··· | | | |
| | ft agl | 300 | | ft agl | | | | | |
| Wind Direction | Wind Speed | · | Wind Gusts | } | Visibility | 1.25 | miles | | |
| 🗖 Variable | Calm | | 🗹 Not Gusti | ng | RVR | | | | |
| l | Light and Varia | ıble | | | miles | | | | |
| -or- Direction: <u>360</u> degrees true | -or- Speed: 6 | kts | -or- Speed: | kts | Density Altitude:ft | | | | |
| | | | | | Restriction to | | | | |
| Intensity of Precipitation | Type of Precipita | | that apply) | 10 Rain | ■ None | | Fog | | |
| O Light O Moderate | ☑ None □ Rain | Drizzle Ice Pellets | Snow S | | 🗖 Blowing Du | ust 🗖 | Ground Fog | | |
| O Moderate O Heavy | □ Snow | □ Snow Pellet | ts 🖸 Ice Pell | lets Shower | Blowing Sa | nd 🔲 | Haze | | |
| ON/A | 🗖 Hail | Snow Grain | | ng Drizzle | Blowing Sn | nav 🗖 | Ice Fog Smoke | | |
| O Unknown | □ Rain Showers | Ice Crystals | ŝ | | Dust | | Unknown | | |
| Icing Forecast | | Icing Actual | | | Turbulence | | | | |
| Amount Type | | Amount | Туре | | Type (Check a | ıll that apply) | | erity | |
| O None O N/A | | None | Ó N/A | | ☑ None □ Clear Air | | | ight Ioderate | |
| • Trace • Rime | | O Trace O Light | O Rim O Clea | | Terrain-Ind | uced | | evere | |
| O Light O Clear O Moderate O Mixed | | O Light O Moderate | O Mix | ed | Convective | | | xtreme | |
| O Severe O Unknow | m | O Severe O Unknown | | | | | | | |
| O Unknown | | O Unknown | | | | | | | |
| NOTAMs (D and FDC), A | AIRMETs, SIGN | METs, PIREP | 's in effect at | t the time of t | the accident/inci | dent: | - | | |
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| DAMAGE TO AIRCRAFT A | ND OTHER PR | OPERTY | | ntegak y Neter et a Belerke | | | | |
|---|----------------------------|---|--|--|--|--|--|--|
| Aircraft Damage | Aircraft Fire | | Aircraft Explosion | | | | | |
| O None O Substantial | • None | O Both Ground and In-Flight | • None | O Both Ground and In-Flight | | | | |
| O Minor O Destroyed O Unknown | O In-Flight O On-Ground | O Fire at Unknown Time O Unknown | O In-Flight O On-Ground | O Explosion at Unknown Time O Unknown | | | | |
| | , | | L | | | | | |
| Description of Damage to Aircraft a | nd Other Property | (Use additional sheet if necessary) | | | | | | |
| LANDING GEAR CAME OFF, ENG | SINES STAYED ON | I BUT DESTROYED, DAMAGE T | O TAIL. | | | | | |
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| | | an anna an an Arraigh an Anna a | and a second | | | | | |
| NARRATIVE HISTORY OF FLI | | | | | | | | |
| Describe what occurred in chronolo wreckage distribution sketch if pertin | gical order, includin | ig circumstances leading to and nat | ture of accident/incide | ent. Describe terrain and include | | | | |
| destination. Provide as much detail as | | ets if needed. State departure time and | a and location, service | s obtained, and intended | | | | |
| | | | | | | | | |
| On November 23rd 2016, at appro | ximately 1710-1800 |) hrs local time, I was conducting a | a flight from Baudett | ∋ MN, KBDE to Moorhead MN, | | | | |
| KJKJ. I was flying a Beech King Ai | r 200 (N80RT) I hav | ve been flying this particular aircra | aft for over 6 months | and felt very comfortable | | | | |
| flying it. The flight was operating up my 6 passengers. I filed and flew b | oth flights IFR As f | be weather was IER throughout the | an nour earlier in the | n official weather briefing | | | | |
| through Flight Plan.com at approxi | mately 1545 hrs. iu | st before I left KJKJ on the first flig | pht. The TAF at that | time (KFAR) reported 800 ft | | | | |
| ceilings and 2+ miles visibility for the | he 2 hours that I wo | uld be flying. When I left KJKJ the | e visibility at the time | was better than 6 miles with | | | | |
| approximately 800-1000 feet. I land | ded at KBDE and w | as on the ground long enough to | load the passengers | and take off. (Approximately | | | | |
| 15 minutes). The return flight to KJ | KJ was uneventful. | te Tenne Anne este l'Estemada de | | which reported winds light out | | | | |
| Just before I was handed off from I of the north with 300 foot ceiling ar | Minneapolis center | to Fargo Approach, I listened to tr | te AVVUS at KJKJ, v | m that I had the weather at | | | | |
| KJKJ and requested the RNAV ap | proach to runway 3 | 0 starting at the IAF IVE IE. N80R | T does not have WA | AS GPS so I flew the | | | | |
| approach as a "non Precision" LNA | AV approach. I also | informed Fargo that I realized the | e weather was deteri | orating and would make one | | | | |
| attempt at KJKJ and then divert to | KFAR. Fargo clear | red me to the IAF and the initial al | titude for the approa | .ch. They also gave me my | | | | |
| missed approach instructions "360 | heading, climb 400 |)0ft". I have done this approach nι | umerous times and b | priefed the approach off the | | | | |
| plate. I negotiated the approach "s | tabilized" with the a | ppropriate altitudes and airspeeds | s throughout, without | i noticing anything unusual. | | | | |
| Upon leveling off at the missed app seconds I saw the runway end ligh | proach altitude, 130 | DU feet, I leveled off and looked for | the runway. Aller w | off the throttles to turn on the | | | | |
| landing lights for landing. Before I | could even turn on | the landing lights the runway disa | opeared from sight. | (Back into the clouds). I | | | | |
| immediately decided to go "missed | approach" and ret | urned my hand to the throttles and | d powered up for the | missed. From here until the | | | | |
| time of the crash I am having diffic | ulties recalling what | t I did, other than just having the f | eeling that everythin | g was going fine. I know I went | | | | |
| right back to the Flight Director, bu | it don't recall what i | t was indicating. I did not feel any | "sinking" feeling that | I was losing altitude. It | | | | |
| seemed like just a few seconds an | d I impacted the gr | ound. I struck the ground in some | what of a nose up, le | vel bank attitude. The aircraft | | | | |
| slid along the ground and turned s came back down, but I don't have | lightly to the right be | efore coming to rest. I was told an | erwards that the allo | s ect) and then evacuated the | | | | |
| passengers. Once I realized that the | any recollection of a | bing to start op fire. I called the Fa | roo Tower and repol | ted the accident. Fargo called | | | | |
| 911 and shortly afterward EMS arr | ived I sustained so | ome minor injuries to my face, cut | lip, scratches. And v | vas transported to Sanford ER | | | | |
| where I was treated and released. | My right front pass | enger had a cut on his forehead b | by the hairline and wa | as transported to innovis ER, | | | | |
| treated and released. The remaining | na passengers in th | ie back stated that they were not i | njured and left the s | cene on their own. | | | | |
| As I stated I had no awareness of | the impending impa | act. In my mind I was just following | g the same procedur | e that I have done on | | | | |
| countless times, with nothing "feeli and as a Traffic Accident Reconstr | ing" out of the ordin | ary. Having spent 30 years in Law | v Enforcement, 25 w | r the passengers were aware | | | | |
| of the impending crash. We would | have tensed up an | d the injuries could have been wo | rse. So in trving to f | ind any kind of positive out of | | | | |
| this incident, I look to that. | | | | | | | | |
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| RECOMMENDATION (How of | could this accident/incident ha | ve been prevented?) | | | e 1 Ban | | | |
|---|------------------------------------|--|-------------------------------|---|--------------------------|---|--|--|
| Operator/Owner Safety Recommen | | an na 1999 an an Annaiste a Tha annaiste an | | a na fan de anna an anna an anna anna anna an an an | | | | |
| Stick to my normal personal weather minimums and not attempt a non precision approach to minimums. It would of been so easy to go to Fargo and do the ILS. I have always lectured to my students on the advantage of having two pilots when things are challenging. This is a prime example of such a incident. Over confidence is always something that we have to try to keep in check. | | | | | | | | |
| | ·····, | J J | | | | | | |
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| MECHANICAL MALFUN | | | ntinuo on senar | ta sheat) | | | | |
| Was there Mechanical Malfunct (If yes, list the name of the part, manuf | tion/Failure? Yes No | | | | Total Time On Part | /Cycles | | |
| | | | | | | Hours | | |
| | | | | | | Cycles | | |
| | | | | | Time Since | This Part | | |
| | | | | | | Overhauled | | |
| | | | | | | Hours | | |
| | | | | | <u> </u> | | | |
| FUEL & SERVICES INFO | ORMATION | | | | | in the has | | |
| Fuel on Board at Last Takeoff (Convert from pounds, as necessary) | Fuel Type O 80/87 | O 115/145 | O Jet B | O Other, specify | | | | |
| | Gallons 0 100 Low Lead | O Jet A O Jet A-1 | O JP8 O Automotive | | | | | |
| Other Services, if Any, Prior to | 0 100/130 | U Jet A-1 | O Automotive | | | | | |
| Other Services, in Arry, a rior to | | | | | | | | |
| | | | | | | | | |
| EVACUATION OF AIRC | RAFT | | | | | en la | | |
| Was an emergency evacuation of | | Yes INO | | | | | | |
| Method of Exit – Describe how | | any occupants evacuat | ed each location | | | | | |
| All through the main cabin do | | | | | | | | |
| | | | | | | | | |
| | | | the surgery of the surgery of | (han - which - which | Think The State of State | | | |
| OTHER AIRCRAFT - C | OLLISION (If air or ground | collision occurred, co | omplete this sec | tion for other aircra | ft) mage to Othe | ar Aircraft | | |
| Aircraft Registration Number | Manufacturer: | | | | Destroyed | 🗖 Minor | | |
| | Model: | | | | Substantial | □ None | | |
| Registered Owner of Other Air | | 27 | f Other Aircraf | | | | | |
| Name: | | City | | | | | | |
| City:ZIP:ZP:ZIP | | State: _ | | ZIP: | | | | |
| Country: | | Countr | y: | | | | | |

| ADDITIONAL INFO | ORMATIO | N (Please type or print in ink) | | |
|-----------------------|-------------|--|----------------------------------|----------------------|
| | | is needed for any answers. | | |
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| I HEREBY CERTIF | Y THAT TH | E ABOVE INFORMATION IS COMPL | ETE AND ACCURATE TO THE BEST C | OF MY KNOWLEDGE |
| Date of this Report | | Pilot/Operator: _KENT D. THOMPSON | | |
| 12/01/2016 | Signature | | | |
| mm/dd/yyyyy | or | Check here to electronically sign this | document | |
| If a Person Other the | an Pilot/Op | erator is Filing Report | | |
| | | | | |
| | | electronically sign this document | | |
| | | | USE ONLY | |
| NTSB Accident/Inci | | FOR NTSB Reviewed by NTSB Regional Office | USE UNLY Name of Investigator | Date Report Received |
| CEN17LA043 | | Chicago | MG | 12/01/16 |