

**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>Brainerd Lakes Regional Airport (KBRD)</u> State: <u>MN</u> ZIP: <u>56401</u> Country: <u>Crow Wing</u> Latitude: <u>46.4034</u> deg N Longitude: <u>94.1276</u> deg W <i>(Enter in decimal degrees or degrees:minutes:seconds)</i>	Accident/Incident Date/Time Date: <u>06/28/2019</u> Local Time: <u>1241</u> <i>mm/dd/yyyy</i> Time Zone: <u>0541Z</u>
Collision with Other Aircraft: <input type="radio"/> Midair <input type="radio"/> On-ground <input checked="" type="radio"/> None	

AIRCRAFT INFORMATION

Registration Number: <u>N11NM</u> Manufacturer: <u>Agusta</u> Model: <u>A109S Grand</u> Serial Number: <u>22075</u> Year of Manufacture: <u>2008</u> Amateur-Built: <input type="radio"/> Yes <input checked="" type="radio"/> No <i>If Yes:</i> <input type="radio"/> Kit/Plans <input type="radio"/> Original Design Make: _____	<input checked="" type="checkbox"/> IFR-Equipped and Certified <input type="checkbox"/> Commercial Space Flight <input type="checkbox"/> Unmanned Aircraft Maximum Gross Weight: <u>7000</u> lbs Weight at Time of Accident/Incident: <u>approx 6500</u> lbs Number of Seats: <u>5</u> Flight Crew Seats: <u>2</u> Cabin Crew Seats: <u>2</u> Passenger Seats: <u>1 (stretched)</u> Number of Engines: _____
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Category of Aircraft <input type="radio"/> Airplane <input type="radio"/> Balloon <input type="radio"/> Blimp/Dirigible <input type="radio"/> Glider <input type="radio"/> Gyroplane <input checked="" type="radio"/> Helicopter <input type="radio"/> Powered Lift <input type="radio"/> Rocket <input type="radio"/> Ultralight <input type="radio"/> Unknown	Type of Airworthiness Certificate <i>(Check all that apply)</i> <table border="0"> <tr> <td>Standard</td> <td>Special</td> </tr> <tr> <td><input checked="" type="checkbox"/> Normal</td> <td><input type="checkbox"/> Restricted</td> </tr> <tr> <td><input type="checkbox"/> Aerobatic</td> <td><input type="checkbox"/> Limited</td> </tr> <tr> <td><input type="checkbox"/> Balloon</td> <td><input type="checkbox"/> Provisional</td> </tr> <tr> <td><input type="checkbox"/> Commuter</td> <td><input type="checkbox"/> Special Flight</td> </tr> <tr> <td><input type="checkbox"/> Transport</td> <td><input type="checkbox"/> Experimental</td> </tr> <tr> <td><input type="checkbox"/> Utility</td> <td><input type="checkbox"/> Special Light-Sport</td> </tr> <tr> <td></td> <td><input type="checkbox"/> Experimental Light-Sport</td> </tr> </table> <input type="checkbox"/> Certificate of Authorization or Waiver (COA) <input type="checkbox"/> None <input type="checkbox"/> Unknown	Standard	Special	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Restricted	<input type="checkbox"/> Aerobatic	<input type="checkbox"/> Limited	<input type="checkbox"/> Balloon	<input type="checkbox"/> Provisional	<input type="checkbox"/> Commuter	<input type="checkbox"/> Special Flight	<input type="checkbox"/> Transport	<input type="checkbox"/> Experimental	<input type="checkbox"/> Utility	<input type="checkbox"/> Special Light-Sport		<input type="checkbox"/> Experimental Light-Sport	Landing Gear <i>(Check all that apply)</i> <input checked="" type="checkbox"/> Retractable <input checked="" type="checkbox"/> Tricycle <input type="checkbox"/> Tailwheel <input type="checkbox"/> Amphibian <input type="checkbox"/> High Skid <input type="checkbox"/> Emergency Float <input type="checkbox"/> Skid <input type="checkbox"/> Float <input type="checkbox"/> Ski <input type="checkbox"/> Hull <input type="checkbox"/> Ski/Wheel <input type="checkbox"/> Other Launch/Recovery System <input type="checkbox"/> None <input type="checkbox"/> Unknown	Engine Type (Select one) <input type="radio"/> Reciprocating <input type="radio"/> Liquid Rocket <input checked="" type="radio"/> Turbo Shaft <input type="radio"/> Solid Rocket <input type="radio"/> Turbo Prop <input type="radio"/> Hybrid Rocket <input type="radio"/> Turbo Jet <input type="radio"/> None <input type="radio"/> Turbo Fan <input type="radio"/> Unknown <input type="radio"/> Electric Fuel System Type (Reciprocating) <input type="radio"/> Carburetor <input type="radio"/> Fuel-Injected
Standard	Special																		
<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Restricted																		
<input type="checkbox"/> Aerobatic	<input type="checkbox"/> Limited																		
<input type="checkbox"/> Balloon	<input type="checkbox"/> Provisional																		
<input type="checkbox"/> Commuter	<input type="checkbox"/> Special Flight																		
<input type="checkbox"/> Transport	<input type="checkbox"/> Experimental																		
<input type="checkbox"/> Utility	<input type="checkbox"/> Special Light-Sport																		
	<input type="checkbox"/> Experimental Light-Sport																		

Engine	Engine Manufacturer	Engine Model/Series	Manufacturer's Serial Number	Date of Mfg. <i>mm/dd/yyyy</i>	Rated Power <input checked="" type="radio"/> Horsepower or <input type="radio"/> lbs of Thrust	Total Time (hours)	Time Since: Inspection (hours)	Overhaul (hours)
Eng. 1	Pratt and Whitney	207C	PCE-BH0183	2008	750	2718.7		
Eng. 2	Pratt and Whitney	207C	PCE-BH0182	2008	750	2718.7		
Eng. 3								
Eng. 4								

Last Inspection Type <input type="radio"/> 100-Hour <input type="radio"/> Continuous Airworthiness <input checked="" type="radio"/> AAIP <input type="radio"/> Conditional Inspection <input type="radio"/> Annual <input type="radio"/> Unknown Date Last Inspection: <u>6/18/2019</u> <i>mm/dd/yyyy</i> Airframe Total Time: <u>2718.7</u> hrs hours measured at <i>(Select one)</i> <input type="radio"/> Last Inspection <input checked="" type="radio"/> Time of Accident/Incident	Propeller 1 <input type="radio"/> Fixed Pitch <input type="radio"/> Controllable Pitch <input type="radio"/> Ground Adjustable Manufacturer: _____ Model: _____	Propeller 2 <input type="radio"/> Fixed Pitch <input type="radio"/> Controllable Pitch <input type="radio"/> Ground Adjustable Manufacturer: _____ Model: _____
Type of Maintenance Program (Select one) <input type="radio"/> Annual <input type="radio"/> Conditional (Amateur-built only) <input checked="" type="radio"/> Manufacturer's Inspection Program <input type="radio"/> Other Approved Inspection Program (AAIP) <input type="radio"/> Continuous Airworthiness <input type="radio"/> Other, specify: _____	ELT Installed: <input type="radio"/> Yes <input checked="" type="radio"/> No <i>If Yes:</i> ELT Manufacturer: _____ Model or Part No.: _____ TSO No.: <input type="radio"/> C91 (121.5 MHz) <input type="radio"/> C91a (121.5 MHz) <input type="radio"/> C126 (406 MHz) Was ELT still mounted in aircraft? <input type="radio"/> Yes <input type="radio"/> No Was ELT still connected to antenna? <input type="radio"/> Yes <input type="radio"/> No Did ELT Activate? <input type="radio"/> Yes <input type="radio"/> No <i>If activated:</i> Did ELT Aid in Locating Aircraft? <input type="radio"/> Yes <input type="radio"/> No <i>If not activated:</i> Indicate Reason: <input type="checkbox"/> Impact Damage <input type="checkbox"/> Fire Damage <input type="checkbox"/> Battery Expired/Damaged <input type="checkbox"/> Unknown	Additional Equipment (Check all that apply) <input checked="" type="checkbox"/> ADS-B <input type="checkbox"/> Airframe Parachute <input type="checkbox"/> Angle of Attack Indicator <input checked="" type="checkbox"/> Autopilot <input checked="" type="checkbox"/> Data Recorder <input checked="" type="checkbox"/> Electronic Flight Bag or Handheld Device <input type="checkbox"/> Electronic Multifunction Display <input checked="" type="checkbox"/> Electronic Primary Flight Display <input type="checkbox"/> Handheld GPS <input type="checkbox"/> Heads Up Display <input checked="" type="checkbox"/> Onboard Weather <input checked="" type="checkbox"/> Satellite Tracking Device <input type="checkbox"/> Stall Warning System <input checked="" type="checkbox"/> Video Recording Device <input checked="" type="checkbox"/> Other, Specify: <u>Weather Radar, TCAS, HTAWS</u>
Description of Fire Extinguishing System <input type="radio"/> None <input checked="" type="radio"/> Specify: <u>Engine bay fire suppression</u>		

OWNER/OPERATOR INFORMATION

Registered Aircraft Owner

Name: North Memorial Medical Center

City: [REDACTED]

State: [REDACTED] ZIP: [REDACTED]

Fractional Ownership Aircraft: Yes No

Country: U.S.A

Operator of Aircraft

Same As Registered Owner

Same Address as Registered Owner

Name: _____

City: _____

Doing Business As: _____

State: _____ ZIP: _____

Air Carrier/Operator Designator (4 Character Code): _____

Country: _____

Operating Certificates Held
(Check all that apply)

- 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

- FAR 91 FAR 129 FAR 415
- FAR 103 FAR 133 FAR 431
- FAR 121 FAR 135 FAR 435
- FAR 125 FAR 137 FAR 437

- FAR 91 Special Flight
- Non-US, Commercial
- Non-US, Non-commercial

- Public Aircraft (Select one)
 - Armed Forces
 - Federal
 - State
 - Local
- Unknown

Revenue Operation for FAR 121, 125, 129, 135
(Select one for each group)

- Scheduled or Commuter
- Non-Scheduled or Air Taxi
- Domestic
- International

- Passenger
- Cargo
- Mail Contract Only

Purpose of Flight for FAR 91, 103, 133, 137
(Select one)

- Aerial Application
- Aerial Observation
- Air Drop
- Air Race/Show
- Banner Tow
- Business
- Executive/Corporate
- External Load
- Ferry
- Firefighting
- Flight Test
- Glider Tow
- Instructional
- Other Work Use
- Personal
- Positioning
- Skydiving
- Unknown

Revenue Sightseeing Flight

- Yes No

Air Medical Flight

- Yes No

AIRPORT INFORMATION (Fill in if accident/incident occurred on approach, landing, takeoff, departure, or within 3 miles of an airport)

Airport Name: Brainerd Lakes Regional Airport

Distance From Airport Center: 0 sm

Airport Identifier: KBRD

Direction From Airport: _____ degrees true

Proximity to Airport: Off Airport/Airstrip On Airport/Airstrip N/A

Airport Elevation: 1232 ft. msl

Runway Information

Runway ID: 23 (L/R/C) Length: 6512 ft Width: 150 ft

Condition of Runway/Landing Surface (Check all that apply)

- Dry
- Holes
- Ice Covered
- Rough
- Rubber Deposits
- Slush-Covered
- Snow-Compacted
- Snow-Crusted
- Snow-Dry
- Snow-Wet
- Soft
- Vegetation
- Water-Calm
- Water-Choppy
- Water-Glassy
- Wet
- Unknown

Runway/Landing Surface (Check all that apply)

- Asphalt
- Concrete
- Dirt
- Grass/Turf
- Gravel
- Ice
- Macadam
- Metal/Wood
- Snow
- Water
- Unknown

Approach/Departure Segment (Select one)

- Taxi
- Takeoff
- Initial Climb
- VFR Departure
- IFR Departure Procedure/Clearance
- On Instrument Approach
- Landing
- Downwind
- Base
- Final
- Crosswind
- Low Approach
- Go Around
- Aborted Landing (after touchdown)
- Unknown

IFR Approach (Check all that apply)

- None
- ADF/NDB
- SDF
- VOR/TVOR
- VOR/DME
- TACAN
- PAR
- Sidestep
- ILS
- Localizer Only
- LOC-back course
- RNAV
- MLS
- LDA
- ASR
- Visual
- Contact
- Circling
- Practice
- GPS
- Unknown

VFR Approach (Check all that apply)

- None
- Traffic Pattern
- Straight-In
- Valley/Terrain Following
- Go Around
- Full Stop
- Stop and Go
- Touch and Go
- Simulated Forced Landing
- Forced Landing
- 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: Timothy City of Residence: [Redacted]
 Middle Initial: A State: [Redacted] ZIP: [Redacted]
 Last Name: McDonald Country: U.S.A
 Age at time of Accident/Incident: 44 Date of Birth: [Redacted] mm/dd/yyyy
 Certificate Number: [Redacted]

Degree of Injury <input type="radio"/> None <input checked="" type="radio"/> Fatal <input type="radio"/> Minor <input type="radio"/> Unknown <input type="radio"/> Serious	Seat Occupied <input type="radio"/> Left <input type="radio"/> Front <input type="radio"/> Unknown <input checked="" type="radio"/> Right <input type="radio"/> Rear <input type="radio"/> Center <input type="radio"/> Single	Restraint Type <table border="0"> <tr> <th>Available</th> <th>Used</th> </tr> <tr> <td><input type="radio"/> None</td> <td><input type="radio"/> None</td> </tr> <tr> <td><input type="radio"/> Lap only</td> <td><input type="radio"/> Lap only</td> </tr> <tr> <td><input type="radio"/> 3-point</td> <td><input type="radio"/> 3-point</td> </tr> <tr> <td><input checked="" type="radio"/> 4-point</td> <td><input checked="" type="radio"/> 4-point</td> </tr> <tr> <td><input type="radio"/> 5-point</td> <td><input type="radio"/> 5-point</td> </tr> <tr> <td><input type="radio"/> Unknown</td> <td><input type="radio"/> Unknown</td> </tr> </table>	Available	Used	<input type="radio"/> None	<input type="radio"/> None	<input type="radio"/> Lap only	<input type="radio"/> Lap only	<input type="radio"/> 3-point	<input type="radio"/> 3-point	<input checked="" type="radio"/> 4-point	<input checked="" type="radio"/> 4-point	<input type="radio"/> 5-point	<input type="radio"/> 5-point	<input type="radio"/> Unknown	<input type="radio"/> Unknown	Inflatable Restraints <input checked="" type="checkbox"/> Not Installed <input type="checkbox"/> Installed <input type="checkbox"/> Not Deployed <input type="checkbox"/> Deployed <input type="checkbox"/> Unknown
Available	Used																
<input type="radio"/> None	<input type="radio"/> None																
<input type="radio"/> Lap only	<input type="radio"/> Lap only																
<input type="radio"/> 3-point	<input type="radio"/> 3-point																
<input checked="" type="radio"/> 4-point	<input checked="" type="radio"/> 4-point																
<input type="radio"/> 5-point	<input type="radio"/> 5-point																
<input type="radio"/> Unknown	<input type="radio"/> Unknown																
Pilot Certificate(s) (Check all that apply) <input type="checkbox"/> None <input type="checkbox"/> Flight Instructor <input checked="" type="checkbox"/> Commercial <input type="checkbox"/> US Military <input type="checkbox"/> Private <input type="checkbox"/> Recreational <input type="checkbox"/> Airline Transport <input type="checkbox"/> Foreign <input type="checkbox"/> Student <input type="checkbox"/> Sport <input type="checkbox"/> Flight Engineer																	

Principal Occupation <input checked="" type="radio"/> Pilot <input type="radio"/> Other <input type="radio"/> Unknown	Medical Certificate <input type="radio"/> None <input type="radio"/> Class 3 <input type="radio"/> Class 1 <input type="radio"/> Driver's License (Sport Pilot only) <input checked="" type="radio"/> Class 2 <input type="radio"/> Unknown	Medical Certificate Validity <input checked="" type="radio"/> Without limitations/waivers <input type="radio"/> Unknown <input type="radio"/> With limitations/waivers <input type="radio"/> N/A <input type="radio"/> Special Issuance	Date of Last Medical <u>1/10/2019</u> mm/dd/yyyy
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Medical Certificate Limitations
None

Medical Certificate Special Issuance
None

Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks: 03/12/2019 mm/dd/yyyy
Flight Review Aircraft
 Make: Agusta
 Model: A109S

Airplane Rating(s) (Check all that apply) <input type="checkbox"/> None <input type="checkbox"/> Single-Engine Land <input type="checkbox"/> Single-Engine Sea <input type="checkbox"/> Multiengine Land <input type="checkbox"/> Multiengine Sea	Other Aircraft Rating(s) (Check all that apply) <input type="checkbox"/> None <input type="checkbox"/> Airship <input type="checkbox"/> Balloon <input type="checkbox"/> Glider <input type="checkbox"/> Gyroplane <input checked="" type="checkbox"/> Helicopter <input type="checkbox"/> Powered Lift	Instrument Rating(s) (Check all that apply) <input type="checkbox"/> None <input type="checkbox"/> Airplane <input checked="" type="checkbox"/> Helicopter <input type="checkbox"/> Powered Lift	Instructor Rating(s) (Check all that apply) <input checked="" type="checkbox"/> None <input type="checkbox"/> Instrument Airplane <input type="checkbox"/> Airplane Single-Engine <input type="checkbox"/> Instrument Helicopter <input type="checkbox"/> Airplane Multi-Engine <input type="checkbox"/> Helicopter <input type="checkbox"/> Gyroplane <input type="checkbox"/> Glider <input type="checkbox"/> Powered Lift <input type="checkbox"/> Sport
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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	3,376	533			348	41	176	3,376		
Pilot in Command (PIC)	2,294	533			182	41	176	2,294		
Time as Instructor										
This Make/Model					182	16	57			
Last 90 Days	38	38			12	1	0	38		
Last 30 Days	11	11			5	0	0	11		
Last 24 Hours										

"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: _____ City of Residence: _____
 Middle Initial: _____ State: _____ ZIP: _____
 Last Name: _____ Country: _____
 Age at time of Accident/Incident: _____ Date of Birth: _____ *mm/dd/yyyy*
 Certificate Number: _____

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

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) (Check all that apply) <input type="checkbox"/> None <input type="checkbox"/> Single-Engine Land <input type="checkbox"/> Single-Engine Sea <input type="checkbox"/> Multiengine Land <input type="checkbox"/> Multiengine Sea		Other Aircraft Rating(s) (Check all that apply) <input type="checkbox"/> None <input type="checkbox"/> Airship <input type="checkbox"/> Balloon <input type="checkbox"/> Glider <input type="checkbox"/> Gyroplane <input type="checkbox"/> Helicopter <input type="checkbox"/> Powered Lift		Instrument Rating(s) (Check all that apply) <input type="checkbox"/> None <input type="checkbox"/> Airplane <input type="checkbox"/> Helicopter <input type="checkbox"/> Powered Lift		Instructor Rating(s) (Check all that apply) <input type="checkbox"/> None <input type="checkbox"/> Instrument Airplane <input type="checkbox"/> Airplane Single-Engine <input type="checkbox"/> Instrument Helicopter <input type="checkbox"/> Airplane Multi-Engine <input type="checkbox"/> Helicopter <input type="checkbox"/> Gyroplane <input type="checkbox"/> Glider <input type="checkbox"/> Powered Lift <input type="checkbox"/> Sport	
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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										
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: _____	<input type="radio"/> Left <input type="radio"/> Center <input type="radio"/> Right	<input type="radio"/> Front <input checked="" type="radio"/> Rear <input type="radio"/> Single <input type="radio"/> Unknown
Middle Initial: _____	State: _____ ZIP: _____		<input checked="" type="radio"/> None <input type="radio"/> Minor <input type="radio"/> Serious <input type="radio"/> Fatal <input type="radio"/> Unknown
Last Name: _____	Country: _____		
Pilot Certificate(s) (Check all that apply)		Restraint Type:	Inflatable Restraints
<input type="checkbox"/> None	<input type="checkbox"/> Flight Instructor	Available	Used
<input type="checkbox"/> Private	<input type="checkbox"/> Recreational	<input checked="" type="radio"/> None <input type="radio"/> Lap Only <input type="radio"/> 3-point <input type="radio"/> 4-point <input type="radio"/> 5-point <input type="radio"/> Unknown	<input checked="" type="radio"/> None <input type="radio"/> Lap Only <input type="radio"/> 3-point <input type="radio"/> 4-point <input type="radio"/> 5-point <input type="radio"/> Unknown
<input type="checkbox"/> Student	<input type="checkbox"/> Sport		
Type Rating/Endorsement for Accident/Incident Aircraft? <input type="checkbox"/> Yes <input type="checkbox"/> No		Total Flight Time at the Time of this Accident/Incident: _____ hrs	

Crew Name and Address		Seat Occupied	Injury
First Name: _____	City of Residence: _____	<input checked="" type="radio"/> Left <input type="radio"/> Center <input type="radio"/> Right	<input type="radio"/> None <input type="radio"/> Minor <input type="radio"/> Serious <input checked="" type="radio"/> Fatal <input type="radio"/> Unknown
Middle Initial: _____	State: _____ ZIP: _____		
Last Name: _____	Country: _____		
Pilot Certificate(s) (Check all that apply)		Restraint Type:	Inflatable Restraints
<input checked="" type="checkbox"/> None	<input type="checkbox"/> Flight Instructor	Available	Used
<input type="checkbox"/> Private	<input type="checkbox"/> Recreational	<input type="radio"/> None <input type="radio"/> Lap Only <input type="radio"/> 3-point <input checked="" type="radio"/> 4-point <input type="radio"/> 5-point <input type="radio"/> Unknown	<input type="radio"/> None <input type="radio"/> Lap Only <input type="radio"/> 3-point <input checked="" type="radio"/> 4-point <input type="radio"/> 5-point <input type="radio"/> Unknown
<input type="checkbox"/> Student	<input type="checkbox"/> Sport		
Type Rating/Endorsement for Accident/Incident Aircraft? <input type="checkbox"/> Yes <input type="checkbox"/> 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>Debra</u> City: <u>Lester Prairie</u> Middle Initial: <u>k</u> State: <u>MN</u> ZIP: <u>55354</u> Last Name: <u>Schott</u> Country: <u>USA</u> <input checked="" type="radio"/> Crew <input type="radio"/> Passenger <input type="radio"/> Other	<input type="radio"/> Left <input type="radio"/> Center <input type="radio"/> Right <input type="radio"/> Unknown Row: _____	<input type="radio"/> None <input type="radio"/> Minor <input type="radio"/> Serious <input checked="" type="radio"/> Fatal <input type="radio"/> Unknown	Available <input type="radio"/> None <input type="radio"/> Lap Only <input type="radio"/> 3-point <input checked="" type="radio"/> 4-point <input type="radio"/> 5-point <input type="radio"/> Unknown	Used <input type="radio"/> None <input type="radio"/> Lap Only <input type="radio"/> 3-point <input checked="" type="radio"/> 4-point <input type="radio"/> 5-point <input type="radio"/> Unknown	<input checked="" type="checkbox"/> Not Installed <input type="checkbox"/> Installed <input type="checkbox"/> Not Deployed <input type="checkbox"/> Deployed <input type="checkbox"/> Unknown	<input type="checkbox"/> Under 5 years <i>If Under 5,</i> <input type="radio"/> Child Restraint <input type="radio"/> Lap-Held <input type="radio"/> Unknown
First Name: <u>Joshua</u> City: <u>Piliger</u> Middle Initial: <u>C</u> State: <u>MN</u> ZIP: <u>56473</u> Last Name: <u>Duda</u> Country: <u>USA</u> <input checked="" type="radio"/> Crew <input type="radio"/> Passenger <input type="radio"/> Other	<input checked="" type="radio"/> Left <input type="radio"/> Center <input type="radio"/> Right <input type="radio"/> Unknown Row: _____	<input type="radio"/> None <input type="radio"/> Minor <input checked="" type="radio"/> Serious <input type="radio"/> Fatal <input type="radio"/> Unknown	Available <input type="radio"/> None <input type="radio"/> Lap Only <input type="radio"/> 3-point <input checked="" type="radio"/> 4-point <input type="radio"/> 5-point <input type="radio"/> Unknown	Used <input type="radio"/> None <input type="radio"/> Lap Only <input type="radio"/> 3-point <input checked="" type="radio"/> 4-point <input type="radio"/> 5-point <input type="radio"/> Unknown	<input checked="" type="checkbox"/> Not Installed <input type="checkbox"/> Installed <input type="checkbox"/> Not Deployed <input type="checkbox"/> Deployed <input type="checkbox"/> Unknown	<input type="checkbox"/> Under 5 years <i>If Under 5,</i> <input type="radio"/> Child Restraint <input type="radio"/> Lap-Held <input type="radio"/> Unknown
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____ <input type="radio"/> Crew <input type="radio"/> Passenger <input type="radio"/> Other	<input type="radio"/> Left <input type="radio"/> Center <input type="radio"/> Right <input type="radio"/> Unknown Row: _____	<input type="radio"/> None <input type="radio"/> Minor <input type="radio"/> Serious <input type="radio"/> Fatal <input type="radio"/> Unknown	Available <input type="radio"/> None <input type="radio"/> Lap Only <input type="radio"/> 3-point <input type="radio"/> 4-point <input type="radio"/> 5-point <input type="radio"/> Unknown	Used <input type="radio"/> None <input type="radio"/> Lap Only <input type="radio"/> 3-point <input type="radio"/> 4-point <input type="radio"/> 5-point <input type="radio"/> Unknown	<input type="checkbox"/> Not Installed <input type="checkbox"/> Installed <input type="checkbox"/> Not Deployed <input type="checkbox"/> Deployed <input type="checkbox"/> Unknown	<input type="checkbox"/> Under 5 years <i>If Under 5,</i> <input type="radio"/> Child Restraint <input type="radio"/> Lap-Held <input type="radio"/> Unknown
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____ <input type="radio"/> Crew <input type="radio"/> Passenger <input type="radio"/> Other	<input type="radio"/> Left <input type="radio"/> Center <input type="radio"/> Right <input type="radio"/> Unknown Row: _____	<input type="radio"/> None <input type="radio"/> Minor <input type="radio"/> Serious <input type="radio"/> Fatal <input type="radio"/> Unknown	Available <input type="radio"/> None <input type="radio"/> Lap Only <input type="radio"/> 3-point <input type="radio"/> 4-point <input type="radio"/> 5-point <input type="radio"/> Unknown	Used <input type="radio"/> None <input type="radio"/> Lap Only <input type="radio"/> 3-point <input type="radio"/> 4-point <input type="radio"/> 5-point <input type="radio"/> Unknown	<input type="checkbox"/> Not Installed <input type="checkbox"/> Installed <input type="checkbox"/> Not Deployed <input type="checkbox"/> Deployed <input type="checkbox"/> Unknown	<input type="checkbox"/> Under 5 years <i>If Under 5,</i> <input type="radio"/> Child Restraint <input type="radio"/> Lap-Held <input type="radio"/> Unknown

FLIGHT ITINERARY INFORMATION

Last Departure Point Airport ID: <u>MY77</u> City: <u>North Memorial Medical Center</u> State: <u>MN</u> Country: <u>USA</u>	Time of Departure Time: <u>1148 (local)</u> Time Zone: <u>CDT</u>	Destination Airport ID: <u>KBRD</u> City: <u>Brainerd</u> State: <u>MN</u> Country: <u>USA</u>	Type Flight Plan Filed <input type="radio"/> None <input type="radio"/> VFR/IFR <input type="radio"/> Company VFR <input checked="" type="radio"/> IFR <input type="radio"/> Military VFR <input type="radio"/> Unknown <input type="radio"/> VFR Activated? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unknown
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Type of ATC Clearance/Service (Check all that apply)

<input type="checkbox"/> None	<input type="checkbox"/> Special VFR	<input type="checkbox"/> Special IFR	<input type="checkbox"/> VFR Flight Following	<input type="checkbox"/> Cruise
<input type="checkbox"/> VFR	<input checked="" type="checkbox"/> IFR	<input type="checkbox"/> VFR On Top	<input type="checkbox"/> Traffic Advisory	<input type="checkbox"/> Unknown / NA

Airspace where the accident/incident occurred (Check all that apply)

<input type="checkbox"/> Class A	<input type="checkbox"/> Class G	<input type="checkbox"/> Military Operations Area (MOA)	<input type="checkbox"/> Special
<input type="checkbox"/> Class B	<input type="checkbox"/> Demo Area	<input type="checkbox"/> Airport Advisory Area	<input type="checkbox"/> Air Traffic Control Area
<input type="checkbox"/> Class C	<input type="checkbox"/> Warning Area	<input type="checkbox"/> Jet Training Area	<input type="checkbox"/> Unknown
<input type="checkbox"/> Class D	<input type="checkbox"/> Prohibited Area	<input type="checkbox"/> TRSA	
<input checked="" type="checkbox"/> Class E	<input type="checkbox"/> Restricted Area	<input type="checkbox"/> FAR 93	

Altitude of In-Flight Occurrence: _____ ft msl

WEATHER INFORMATION AT THE ACCIDENT/INCIDENT SITE

Source of Pilot Weather Information (Check all that apply) <input checked="" type="checkbox"/> National Weather Service <input type="checkbox"/> Flight Service Station <input type="checkbox"/> TV/Radio <input type="checkbox"/> Automated Report <input type="checkbox"/> Commercial Weather Service (DUATS) <input type="checkbox"/> On-Board Weather <input type="checkbox"/> Company <input type="checkbox"/> Military <input type="checkbox"/> Internet <input type="checkbox"/> None <input type="checkbox"/> Unknown	Weather Observation Facility Facility ID: <u>KBRD</u> Observation Time: <u>0518</u> Time Zone: <u>Zulu</u> Distance from Accident Site: <u>0</u> nm Direction from Accident Site: _____ degrees true
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Basic Conditions <input type="radio"/> VMC <input checked="" type="radio"/> IMC <input type="radio"/> Unknown	Light Condition <input type="radio"/> Dawn <input type="radio"/> Dusk <input type="radio"/> Dark Night <input type="radio"/> Unknown <input type="radio"/> Day <input checked="" type="radio"/> Night <input type="radio"/> Bright Night
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Sky/Lowest Cloud Condition <input type="radio"/> Clear <input checked="" type="radio"/> Thin Broken <input type="radio"/> Few <input type="radio"/> Thin Overcast <input type="radio"/> Partial Obscuration <input type="radio"/> Unknown <input type="radio"/> Scattered Lowest Cloud Condition Height <u>002</u> ft agl	Ceiling <input type="radio"/> None (Clear) <input type="radio"/> Obscured <input checked="" type="radio"/> Broken <input type="radio"/> Indefinite <input type="radio"/> Overcast <input type="radio"/> Unknown Ceiling Height <u>002</u> ft agl	Temperature: <u>19</u> (C) or _____ (F) Dew Point: <u>16</u> (C) or _____ (F) Altimeter Setting: <u>3008</u> in. Hg or _____ MB
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Wind Direction <input type="checkbox"/> Variable -or- Direction: <u>280</u> degrees true	Wind Speed <input type="checkbox"/> Calm <input type="checkbox"/> Light and Variable -or- Speed: <u>4</u> kts	Wind Gusts <input checked="" type="checkbox"/> Not Gusting -or- Speed: _____ kts	Visibility <u>.25</u> miles RVR: _____ feet RVV: _____ miles Density Altitude: _____ ft
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Intensity of Precipitation <input type="radio"/> Light <input type="radio"/> Moderate <input type="radio"/> Heavy <input type="radio"/> N/A <input type="radio"/> Unknown	Type of Precipitation (Check all that apply) <input checked="" type="checkbox"/> None <input type="checkbox"/> Drizzle <input type="checkbox"/> Freezing Rain <input type="checkbox"/> Rain <input type="checkbox"/> Ice Pellets <input type="checkbox"/> Snow Shower <input type="checkbox"/> Snow <input type="checkbox"/> Snow Pellets <input type="checkbox"/> Ice Pellets Shower <input type="checkbox"/> Hail <input type="checkbox"/> Snow Grains <input type="checkbox"/> Freezing Drizzle <input type="checkbox"/> Rain Showers <input type="checkbox"/> Ice Crystals	Restriction to Visibility (Check all that apply) <input type="checkbox"/> None <input type="checkbox"/> Fog <input type="checkbox"/> Blowing Dust <input checked="" type="checkbox"/> Ground Fog <input type="checkbox"/> Blowing Sand <input checked="" type="checkbox"/> Haze <input type="checkbox"/> Blowing Snow <input type="checkbox"/> Ice Fog <input type="checkbox"/> Blowing Spray <input type="checkbox"/> Smoke <input type="checkbox"/> Dust <input type="checkbox"/> Unknown
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Icing Forecast Amount: <input checked="" type="radio"/> None <input type="radio"/> Trace <input type="radio"/> Light <input type="radio"/> Moderate <input type="radio"/> Severe <input type="radio"/> Unknown Type: <input type="radio"/> N/A <input type="radio"/> Rime <input type="radio"/> Clear <input type="radio"/> Mixed <input type="radio"/> Unknown	Icing Actual Amount: <input checked="" type="radio"/> None <input type="radio"/> Trace <input type="radio"/> Light <input type="radio"/> Moderate <input type="radio"/> Severe <input type="radio"/> Unknown Type: <input type="radio"/> N/A <input type="radio"/> Rime <input type="radio"/> Clear <input type="radio"/> Mixed <input type="radio"/> Unknown	Turbulence Type (Check all that apply): <input checked="" type="checkbox"/> None <input type="checkbox"/> Clear Air <input type="checkbox"/> Terrain-Induced <input type="checkbox"/> Convective Turbulence Severity: <input type="checkbox"/> Light <input type="checkbox"/> Moderate <input type="checkbox"/> Severe <input type="checkbox"/> Extreme
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NOTAMs (D and FDC), AIRMETs, SIGMETs, PIREPs in effect at the time of the accident/incident:
 DME for RW 34 OTS

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

- None Substantial
 Minor Destroyed
 Unknown

Aircraft Fire

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

Aircraft Explosion

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

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

Vertical impact crushing airframe. Main/tail rotor strikes. Destroyed with evidence of major g-forces.

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.

Flight departed North Memorial Medical Center (MY77) at approximately 2348 local. The pilot checked the ASOS via telephone prior to departure. The pilot had access to ForeFlight weather and a company computer with internet capability. The forecast for KBRD was:
 FT 28/06/2019 04:05-> KBRD 280405Z 2804/2824 02004KT 1 1/2SM HZ SKC FM280900 00000KT
 P6SM SCT027 BKN045 FM281400 VRB04KT P6SM SCT060=

The observations for the period of the flight at KBRD was:

SP 28/06/2019 05:18-> SPECI KBRD 280518Z AUTO 05004KT 1/4SM HZ BKN002 19/16 A3008
 RMK AO2 T01890161=
 SP 28/06/2019 05:13-> SPECI KBRD 280513Z AUTO 04003KT 1SM HZ BKN002 19/16 A3008
 RMK AO2 VIS 1/4V5 T01890161=
 SP 28/06/2019 05:10-> SPECI KBRD 280510Z AUTO 03003KT 2SM HZ BKN002 19/16 A3008
 RMK AO2 VIS 1V5 T01890161=
 SP 28/06/2019 05:00-> SPECI KBRD 280500Z AUTO 03003KT 1SM HZ VV002 19/17 A3008
 RMK AO2 T01940167=
 SP 28/06/2019 04:58-> SPECI KBRD 280458Z AUTO 03003KT 1 3/4SM HZ FEW002 19/17 A3008
 RMK AO2 T01940167=
 SA 28/06/2019 04:53-> METAR KBRD 280453Z AUTO 03003KT 1 1/2SM HZ CLR 19/17 A3008
 RMK AO2 SLP183 T01940167=

The pilot filed an alternate at KSAZ. The flight was direct to BRD. The pilot asked for radar vector ILS RW23 and was given the vectors and the clearance. At 0524 the TAF changed to:

FT 28/06/2019 05:24-> TAF KBRD 280524Z 2806/2906 03003KT 1SM HZ BKN002
 TEMPO 2806/2808 1/4SM FG VV002 FM280800 00000KT 1/2SM
 FG VV002 FM281300 VRB04KT P6SM SCT016 FM281600 08005KT
 P6SM SCT120=

The pilot flew the ILS to RW23.

At the time of arrival, the METAR was:

SP 28/06/2019 05:18-> SPECI KBRD 280518Z AUTO 05004KT 1/4SM HZ BKN002 19/16 A3008
 RMK AO2 T01890161=

GPS tracking indicated the flight terminated at 1241 local. The aircraft was found with minimal debris field and no noted ground slide between the touchdown zone of RW23 and the parallel taxiway near a service facility. The aircraft was oriented in the opposite direction of the landing runway with major structural damage as a result of the vertical descent. The paramedic in the front seat completed a "MayDay" call at approx 0100L to the company communications center.

The pilot, right seat, and nurse, rear seat were fatal. The paramedic had major injuries.

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

Operator/Owner Safety Recommendation

A process to notify the pilot of the drop in weather conditions well below the forecast and earlier observations may have assisted in the preparation for a missed approach or ILS to minima.

NTSB investigation may provide additional details that can be acted upon.

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.)

Total Time/Cycles
On Part

_____ Hours
 _____ Cycles

Time Since This Part
Inspected/Overhauled

_____ Hours

FUEL & SERVICES INFORMATION

Fuel on Board at Last Takeoff
(Convert from pounds, as necessary)

Unknown _____ Gallons

Fuel Type

- 80/87 115/145 Jet B Other, specify _____
 100 Low Lead Jet A JP8
 100/130 Jet A-1 Automotive

Other Services, if Any, Prior to Departure

The aircraft was probably fueled at the company helipad with Jet-A. No records are kept of fuel servicing by company pilots at the helipad.

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

EMS assisted the paramedic.

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

Aircraft Registration Number

Manufacturer: _____

Damage to Other Aircraft

- Destroyed Minor
 Substantial None

Model: _____

Registered Owner of Other Aircraft

Pilot of Other Aircraft

Name: _____

Name: _____

City: _____

City: _____

State: _____ ZIP: _____

State: _____ ZIP: _____

Country: _____

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

07/1/2019
mm/dd/yyyy

Name of Pilot/Operator: _____

Signature: _____

-- or -- Check here to electronically sign this document

If a Person Other than Pilot/Operator is Filing Report

Name: Joshua H. Jones

Title: Director of Operations

Signature: _____

-- or -- Check here to electronically sign this document

FOR NTSB USE ONLY

NTSB Accident/Incident No.

CEN19FA185

Reviewed by NTSB Regional Office

Central

Name of Investigator

Folkerts

Date Report Received

7/1/2019