

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: HOCKTUCK LAKE State: MI
 ZIP: 48629 Country: USA
 Latitude: 44° 21.583N Longitude: 84° 40.266W
(Enter in decimal degrees or degrees:minutes:seconds)

Accident/Incident Date/Time

Date: 04/14/2016 Local Time: 0917
mm/dd/yyyy
 Time Zone: EST

Collision with Other Aircraft: ☐ Midair ☐ On-ground ☒ None

AIRCRAFT INFORMATION

Registration Number: N758HP

Manufacturer: CESSNA

Model: 182R

Serial Number: 18267923

Year of Manufacture: 1981

Amateur-Built: ☐ Yes ☒ No If Yes: ☐ Kit/Plans ☐ Make: ☐ Original Design

☒ IFR-Equipped and Certified - ~~NOT CERTIFIED~~
☐ Commercial Space Flight
☐ Unmanned Aircraft

Maximum Gross Weight: 3100 lbs
 Weight at Time of Accident/Incident: 2455.66 lbs

Number of Seats: 4 Flight Crew Seats: 2

Cabin Crew Seats: Passenger Seats: 2

Number of Engines: 1

Category of Aircraft

- ☒ Airplane
- ☐ Balloon
- ☐ Blimp/Dirigible
- ☐ Glider
- ☐ Gyroplane
- ☐ Helicopter
- ☐ Powered Lift
- ☐ Rocket
- ☐ Ultralight
- ☐ Unknown

Type of Airworthiness Certificate (Check all that apply)

- | Standard | Special |
|---|---|
| ☒ Normal | ☐ Restricted |
| ☐ Aerobatic | ☐ Limited |
| ☐ Balloon | ☐ Provisional |
| ☐ Commuter | ☐ Special Flight |
| ☐ Transport | ☐ Experimental |
| ☐ Utility | ☐ Special Light-Sport |
| | ☐ Experimental Light-Sport |
| ☐ Certificate of Authorization or Waiver (COA) | |
| ☒ None ☐ Unknown | |

Landing Gear

(Check all that apply)

- ☐ 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

Engine	Engine Manufacturer	Engine Model/Serial	Manufacturer's Serial Number	Date of Mfg. mm/dd/yyyy	Rated Power ☒ Horsepower or ☐ lbs of Thrust	Total Time (hours)	Time Since: Inspection (hours)	Overhaul (hours)
Eng. 1	CONTINENTAL	O-470 D	409390	04/27/84	230	5619	45	1712
Eng. 2								
Eng. 3								
Eng. 4								

Last Inspection Type

- ☒ 100-Hour ☐ Continuous Airworthiness
- ☐ AAIP ☐ Conditional Inspection
- ☐ Annual ☐ Unknown

Date Last Inspection: 03/23/2016
mm/dd/yyyy

Airframe Total Time: 16,636.6 hrs
 hours measured at (Select one)
☒ Last Inspection ☐ Time of Accident/Incident

Type of Maintenance Program (Select one)

- ☒ Annual
- ☐ Conditional (Amateur-built only)
- ☐ Manufacturer's Inspection Program
- ☐ Other Approved Inspection Program (AAIP)
- ☐ Continuous Airworthiness
- ☐ Other, specify: + 150 hour inspections

Description of Fire Extinguishing System

- ☒ None
- ☐ Specify:

Propeller 1

- ☐ Fixed Pitch
- ☒ Controllable Pitch
- ☐ Ground Adjustable

Manufacturer: MCCALLISTER
 Model: C2A3YC264/90DCB-8

ELT Installed: ☒ Yes ☐ No

If Yes:

ELT Manufacturer: AMERIKON
 Model or Part No.: AK451

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

Propeller 2

- ☐ Fixed Pitch
- ☐ Controllable Pitch
- ☐ Ground Adjustable

Manufacturer:
 Model:

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: Tracking system with cell tower + satellite

OWNER/OPERATOR INFORMATION**Registered Aircraft Owner**Name: BRENTCO AERIAL PATROLCity: CALICOState: OHIO ZIP: 44706Fractional Ownership Aircraft: ☐ Yes ☒ NoCountry: USA**Operator of Aircraft**☐ Same As Registered Owner☐ Same Address as Registered OwnerName: Robert E. MetzgerCity: LincolnDoing Business As: EMPLOYEE OF OWNERState: OHIO ZIP: 45806

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

Country: USA**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 ☐ Domestic
☐ Non-Scheduled or Air Taxi ☐ International

☐ Passenger
☐ Cargo
☐ Mail Contract Only

Purpose of Flight for FAR 91, 103, 133, 137

(Select one)

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

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 5 miles of an airport)**

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

Runway/Landing Surface (Check all that apply)

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

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
☐ Slush-Covered ☐ Vegetation ☐ Unknown

Approach/Departure Segment (Select one)

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

IFR Approach (Check all that apply)

- ☐ None
☐ 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 (Check all that apply)

- ☐ 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

"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: <u>Robert</u> City of Residence: <u>Lima</u> Middle Initial: <u>E</u> State: <u>Ohio</u> ZIP: <u>45806</u> Last Name: <u>METZGER</u> Country: <u>USA</u> Age at time of Accident/Incident: <u>58</u> Date of Birth: mm/dd/yyyy Certificate Number: mm/dd/yyyy																																																																																																				
Degree of Injury ☐ None ☐ Fatal ☒ Minor ☐ Unknown ☐ Serious		Seat Occupied ☒ Left ☒ Front ☐ Unknown ☐ Right ☐ Rear ☐ Center ☐ Single		Restraint Type <table style="width:100%; font-size: small;"> <tr> <th style="text-align: left;">Available</th> <th style="text-align: left;">Used</th> </tr> <tr> <td>☐ None</td> <td>☐ None</td> </tr> <tr> <td>☐ Lap only</td> <td>☐ Lap only</td> </tr> <tr> <td>☒ 3-point</td> <td>☒ 3-point</td> </tr> <tr> <td>☐ 4-point</td> <td>☐ 4-point</td> </tr> <tr> <td>☐ 5-point</td> <td>☐ 5-point</td> </tr> <tr> <td>☐ Unknown</td> <td>☐ Unknown</td> </tr> </table>			Available	Used	☐ None	☐ None	☐ Lap only	☐ Lap only	☒ 3-point	☒ 3-point	☐ 4-point	☐ 4-point	☐ 5-point	☐ 5-point	☐ Unknown	☐ Unknown	Inflatable Restraints ☒ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown																																																																															
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Pilot Certificate(s) (Check all that apply) ☐ None ☐ Flight Instructor ☒ Commercial ☐ US Military ☐ Private ☐ Recreational ☐ Airline Transport ☐ Foreign ☐ Student ☐ Sport ☐ Flight Engineer				Medical Certificate Validity ☐ Without limitations/waivers ☐ Unknown ☒ With limitations/waivers ☐ N/A ☐ Special Issuance			Date of Last Medical <u>10/14/2015</u> mm/dd/yyyy																																																																																													
Medical Certificate Limitations <u>most wear corrective glasses</u>																																																																																																				
Medical Certificate Special Issuance 																																																																																																				
Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks: <u>08/25/2015</u> mm/dd/yyyy				Flight Review Aircraft Make: <u>Cessna</u> Model: <u>182R</u>																																																																																																
Airplane Rating(s) (Check all that apply) ☐ None ☒ Single-Engine Land ☐ Single-Engine Sea ☒ Multiengine Land ☐ Multiengine Sea		Other Aircraft Rating(s) (Check all that apply) ☒ None ☐ Airship ☐ Balloon ☐ Glider ☐ Gyroplane ☐ Helicopter ☐ Powered Lift		Instrument Rating(s) (Check all that apply) ☐ None ☒ Airplane ☐ Helicopter ☐ Powered Lift		Instructor Rating(s) (Check all that apply) <u>ACI/TCI</u> ☐ None ☐ Airplane Single-Engine ☐ Instrument Airplane ☐ Airplane Multi-Engine ☐ Instrument Helicopter ☐ Gyroplane ☐ Helicopter ☐ Powered Lift ☐ Glider ☐ Sport																																																																																														
Type Ratings 						Student Endorsements (Include dates) 																																																																																														
<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th rowspan="2" style="text-align: left;">Flight Time (Enter appropriate number of hours in each box)</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>21307</td> <td>9000+</td> <td>21074</td> <td>64</td> <td>174</td> <td>894</td> <td>1061</td> <td>27</td> <td>0</td> <td>0</td> </tr> <tr> <td>Pilot in Command (PIC)</td> <td>21224</td> <td>9000+</td> <td>20978</td> <td>44</td> <td>170</td> <td>494</td> <td>261</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>Time as Instructor</td> <td>2568</td> <td>6525</td> <td>2568</td> <td>-</td> <td>6560</td> <td>6530</td> <td>6560</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>This Make/Model</td> <td></td> <td></td> <td></td> <td></td> <td>unk</td> <td>unk</td> <td>unk</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 90 Days</td> <td>151</td> <td>151</td> <td>151</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Last 30 Days</td> <td>62</td> <td>62</td> <td>62</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Last 24 Hours</td> <td>67</td> <td>67</td> <td>67</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table>											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	21307	9000+	21074	64	174	894	1061	27	0	0	Pilot in Command (PIC)	21224	9000+	20978	44	170	494	261	-	-	-	Time as Instructor	2568	6525	2568	-	6560	6530	6560	-	-	-	This Make/Model					unk	unk	unk				Last 90 Days	151	151	151	0	0	0	0	0	0	0	Last 30 Days	62	62	62	0	0	0	0	0	0	0	Last 24 Hours	67	67	67	0	0	0	0	0	0	0
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AS of 4-28-16

Labeled HTL Houghton Lake MI

FLIGHT ITINERARY INFORMATION				
Last Departure Point Airport ID: <u>ACH</u> City: <u>Alma</u> State: <u>OHIO</u> Country: <u>USA</u>		Time of Departure Time: <u>0645</u> Time Zone: <u>EST</u>		Destination <u>INTELLED</u> Airport ID: <u>FHN</u> City: <u>Port Huron</u> State: <u>MI</u> Country: <u>USA</u>
		Type Flight Plan Filed ☒ None ☐ VFR/IFR ☒ Company VFR ☐ IFR ☐ Military VFR ☐ Unknown ☐ VFR <u>W/ C/H Following</u> Activated? ☒ Yes ☐ No ☐ Unknown		
Type of ATC Clearance/Service (Check all that apply) ☒ None ☐ Special VFR ☐ Special IFR ☐ VFR Flight Following ☐ Cruise ☐ VFR ☐ IFR ☐ VFR On Top ☐ Traffic Advisory ☐ Unknown / NA				
Airspace where the accident/incident occurred (Check all that apply) ☐ Class A ☒ Class G ☐ Military Operations Area (MOA) ☐ Special ☐ Class B ☐ Demo Area ☐ Airport Advisory Area ☐ Air Traffic Control Area ☐ Class C ☐ Warning Area ☐ Jet Training Area ☐ Unknown ☐ Class D ☐ Prohibited Area ☐ TRSA ☐ Class E ☐ Restricted Area ☐ FAR 93				
Altitude of In-Flight Occurrence: <u>3000</u> ft msl				
WEATHER INFORMATION AT THE ACCIDENT/INCIDENT SITE				
Source of Pilot Weather Information (Check all that apply) ☒ National Weather Service ☐ Company ☐ Flight Service Station ☐ Military ☒ TV/Radio ☐ Internet ☐ Automated Report ☐ None ☒ Commercial Weather Service (DUATS) ☐ Unknown ☒ On-Board Weather			Weather Observation Facility Facility ID: <u>KGCV</u> Observation Time: <u>0910</u> Time Zone: <u>EST</u> Distance from Accident Site: <u>30</u> nm Direction from Accident Site: <u>050</u> degrees true	
Basic Conditions ☒ VMC ☐ IMC ☐ Unknown		Light Condition ☐ Dawn ☐ Dusk ☐ Dark Night ☐ Unknown ☒ Day ☐ Night ☐ Bright Night		
Sky/Lowest Cloud Condition ☒ Clear ☐ Thin Broken ☐ Few ☐ Thin Overcast ☐ Partial Obscuration ☐ Unknown ☐ Scattered Lowest Cloud Condition Height _____ ft agl		Ceiling ☒ None (Clear) ☐ Obscured ☐ Broken ☐ Indefinite ☐ Overcast ☐ Unknown Ceiling Height _____ ft agl		
		Temperature: _____ (C) or <u>38</u> (F) Dew Point: _____ (C) or <u>unk</u> (F) Altimeter Setting: <u>unk</u> in. Hg or _____ MB		
Wind Direction ☒ Variable -or- Direction: _____ degrees true	Wind Speed ☒ Calm ☐ Light and Variable -or- Speed: _____ 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 ☐ Drizzle ☐ Freezing Rain ☐ Rain ☐ Ice Pellets ☐ Snow Shower ☐ Snow ☐ Snow Pellets ☐ Ice Pellets Shower ☐ Hail ☐ Snow Grains ☐ Freezing Drizzle ☐ Rain Showers ☐ Ice Crystals		Restriction to Visibility (Check all that apply) ☒ None ☐ Fog ☐ Blowing Dust ☐ Ground Fog ☐ Blowing Sand ☐ Haze ☐ Blowing Snow ☐ Ice Fog ☐ Blowing Spray ☐ Smoke ☐ Dust ☐ Unknown	
Icing Forecast Amount: ☒ None ☐ N/A ☐ Trace ☐ Rime ☐ Light ☐ Clear ☐ Moderate ☐ Mixed ☐ Severe ☐ Unknown ☐ Unknown	Icing Actual Amount: ☒ None ☐ N/A ☐ Trace ☐ Rime ☐ Light ☐ Clear ☐ Moderate ☐ Mixed ☐ Severe ☐ Unknown ☐ Unknown		Turbulence Type (Check all that apply) ☒ None ☐ Light ☐ Clear Air ☐ Moderate ☐ Terrain-Induced ☐ Severe ☐ Convective Turbulence ☐ Extreme	
NOTAMs (D and FDC), AIRMETs, SIGMETs, PIREPs in effect at the time of the accident/incident: <u>NONE Applicable to FHP.</u>				

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)

Windshield destroyed, compass broken off, rear seat right side
 Backrest forced rearward, (goose continued through Aft trim panel)
 Broke off R/S visor

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 and location, services obtained, and intended destination. Provide as much detail as possible.

Departed ACH at 0645, Intended Pipeline Patrol, Fuel stop Minn

Incident statement 4 14 16**N958HP**

On routine pipeline patrol 25 miles NW of HTL, on a deadhead leg from Bay City to Kalkaska at 2,000' MSL observed a flock of geese 100' to 200' higher, began a slow shallow descending left turn intending to increase vertical separation & pass behind (south of), flock, geese were still 1/2 to 3/4 mile away. Goose that struck airplane was away from the rest, unseen. Passed above / through propellor (prop untouched), hit windscreen at top & slightly right of center.

Destroyed windscreen, broke off compass & right sun visor, passed over copilots seat, impacted top right side rear seat backrest, forcing it rearward & continued through panel into tail section, coming to rest within control cables.

Informed by secretary that the GPS tracker went offline at 0917, impact separated its power cable. Squawked 7700, declared emergency on 121.5, unable to hear ATC reply clearly due to wind noise. Understood enough to contact Minn. center on 125.47. Unable to hear their reply either. Informed them of position & intentions. A airline crew then relayed comm.. Airline crew was loud enough to enable communications. Redeclared emergency through relay & requested CFR equipment. Landed safely at HTL. Emergency crews arrived at same time.

Everything worked as it should, Verizon tracker, Andrea (company flt. following), Airline crew, unexpected plus! ATC, fire/EMT crew, Roscommon Co. Sherriffs Dept & airport personel. I deeply appreciate everyones help. Thank you all very much.

The worst physical aspect was the onset of hypothermia. I had removed my jacket a half hour into the flight. The wind blast had blown it aft out of reach.

Robert E. Metzger

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

Operator/Owner Safety Recommendation

GOOSE WAS ABOVE PLANE, UNSEEN, MUST HAVE BEEN STARTLED & DIVED DOWN STRUCK FROM ABOVE, R. OF CENTER OF WINDSCREEN.
 PREVENTION: ONLY RECOMMENDATION IS STAY 3 miles AWAY FROM ANY OBSCURED GOOSE.
 RECOMMEND IFAID KIT BE STORED WITHIN REACH OF PILOT.
 RECOMMEND - IF PILOT REMOVES JACKET, DO SO WHILE SEATED & DRAPE JACKET REVERSED OVER SEAT BACK SO IT CANNOT BE BLOWN AWAY.
 (Hypothermia)

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)

92

88 US GALLONS
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

NONE.

EVACUATION OF AIRCRAFTWas an emergency evacuation of the aircraft performed? ☐ Yes ☒ No

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

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

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

04/28/2016
mm/dd/yyyy

Name of Pilot/Operator:

Robert E. Metzger

Signature:

-- 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.
GAA16CA196Reviewed by NTSB Regional Office
GAAName of Investigator
JACKIE VANOVERDate Report Received
04/28/2016