

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: East Troy State: WI

ZIP: _____ Country: _____

Latitude: 42.47.49.8000 N Longitude: 088.22.21.4000 W

(Enter in decimal degrees or degrees/minutes/seconds)

Accident/Incident Date/Time

Date: 11/06/2024 Local Time: 3:55 pm

Time Zone: Central

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

AIRCRAFT INFORMATION

Registration Number: N420TD

Manufacturer: Dehaviland

Model: DHC-1

Serial Number: C1-0532

Year of Manufacture: 1951

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

- ☐ IFR-Equipped and Certified
☐ Commercial Space Flight
☐ Unmanned Aircraft

Maximum Gross Weight: 2,200 lbs

Weight at Time of Accident/Incident: 1,747 lbs

Number of Seats: 2 Flight Crew Seats: 1

Cabin Crew Seats: 0 Passenger Seats: 1

Number of Engines: 1

Category of Aircraft

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

Type of Airworthiness Certificate (Check all that apply)

- | Standard | Special |
|------------------------------------|---|
| ☐ Normal | ☐ Restricted |
| ☐ Acrobatic | ☐ Limited |
| ☐ Balloon | ☐ Provisional |
| ☐ Commuter | ☐ Special Flight |
| ☐ Transport | ☒ Experimental |
| ☐ Utility | ☐ Special Light-Sport |
| | ☐ Experimental Light-Sport |
- ☐ Certificate of Authorization or Waiver (C/A)
☐ 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	<u>Bristol Siddley</u>	<u>Gipsy Major 10</u>	<u>11672</u>	<u>1960</u>	<u>145</u>	<u>4681</u>	<u>22.5</u>	<u>968.1</u>
Eng 2								
Eng 3								
Eng 4								

Last Inspection Type

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

Date Last Inspection: 02/03/2024
(mm dd yyyy)

Airframe Total Time: 8830.1 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: _____

Description of Fire Extinguishing System

- ☒ None
☐ Specify: _____

Propeller 1

- ☒ Fixed Pitch
☐ Controllable Pitch
☐ Ground Adjustable

Manufacturer: _____

Model: _____

Propeller 2

- ☐ Fixed Pitch
☐ Controllable Pitch
☐ Ground Adjustable

Manufacturer: _____

Model: _____

ELT Installed: ☒ Yes ☐ No

If Yes:

ELT Manufacturer: will provide

Model or Part No.: will provide

TSO No.: ☒ 91 (121.5 MHz) ☐ 91a (121.5 MHz)
☐ 126 (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

Additional Equipment (Check all that apply)

- ☐ ADS-B
☐ Airframe Parachute
☐ Angle of Attack Indicator
☐ Autopilot
☐ Data Recorder
☐ Electronic Flight Bag or Handheld Device
☐ Electronic Multifunction Display
☐ Electronic Primary Flight Display
☐ Handheld GPS
☐ Heads Up Display
☐ Onboard Weather
☐ Satellite Tracking Device
☐ Stall Warning System
☐ Video Recording Device
☐ Other, Specify: _____

OWNER/OPERATOR INFORMATION

Registered Aircraft Owner

Name: James J. Foskett

City: [REDACTED]

State: [REDACTED]

ZIP: [REDACTED]

Fractional Ownership Aircraft: ☐ Yes ☒ No

Country: USA

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 Carrier (FAR 129)
- ☐ Rotorcraft External Load (FAR 133)
- ☐ Commuter Air Carrier (FAR 135)
- ☐ On-Demand Air Taxi (FAR 135)
- ☐ Commercial Air Taxi (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 3 miles of an airport)

Airport Name: East Troy Municipal Airport

Airport Identifier: 57C

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

Distance From Airport Center: Approx. 1/2 sm

Direction From Airport: 183 degrees true

Airport Elevation: 860.2 ft. msl

Runway Information

Runway ID: 360 (L/R/C) Length: 2446 ft Width: 75 ft

Runway/Landing Surface (Check all that apply)

- ☐ Asphalt ☒ Grass/Turf ☐ Macadam ☐ Water
- ☐ Concrete ☐ Gravel ☐ Metal/Wood ☐ Ice
- ☐ 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 ☐ Crosswind ☐ Aborted Landing (after touchdown)
- ☐ Unknown

IFR Approach (Check all that apply)

- ☒ None
- ☐ A/D/NDIR ☐ PAR ☐ MLS ☐ Practice
- ☐ SID ☐ Sidestep ☐ LDA ☐ GPS
- ☐ VOR/VOR ☐ ILS ☐ ASR ☐ Visual
- ☐ VOR/DME ☐ Localizer Only ☐ Contact ☐ Circling
- ☐ TACAN ☐ LOC back course ☐ RNAV ☐ 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 ☐ Precautious 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: James

City of Residence: [REDACTED]

Middle Initial: J

State: [REDACTED]

ZIP: [REDACTED]

Last Name: Foskett

Country: USA

Age at time of Accident/Incident: 70

Date of Birth: [REDACTED]

mm dd yyyy

Certificate Number: [REDACTED]

Degree of Injury

☐ None
 ☐ Fatal
 ☒ Minor
 ☐ Unknown
 ☐ Serious

Seat Occupied

☐ Left
 ☒ Front
 ☐ Unknown
 ☐ Right
 ☐ Rear
 ☐ Center
 ☐ Single

Restraint Type

Available

☐ None
 ☐ Lap only
 ☐ 3-point
 ☒ 4-point
 ☐ 5-point
 ☐ Unknown

Used

☐ None
 ☐ Lap only
 ☐ 3-point
 ☐ 4-point
 ☐ 5-point
 ☐ Unknown

Inflatable Restraints

☒ Not Installed
 ☐ Installed
 ☐ Not Deployed
 ☐ Deployed
 ☐ Unknown

Pilot Certificate(s) (Check all that apply)

☐ None
 ☐ Flight Instructor
 ☐ Commercial
 ☐ US Military
 ☒ Private
 ☐ Recreational
 ☐ Airline Transport
 ☐ Foreign
 ☐ Student
 ☐ Sport
 ☐ Flight Engineer

Principal Occupation

☐ Pilot
 ☒ Other
 ☐ Unknown

Medical Certificate

Basic Medical
☐ None
 ☐ Class 3
 ☐ Class 1
 ☐ Driver's License (Sport Pilot only)
 ☐ Class 2
 ☐ Unknown

Medical Certificate Validity

☐ Without limitations/waivers
 ☐ Unknown
 ☐ With limitations/waivers
 ☐ N/A
 ☒ Special Issuance

Date of Last Medical

10/26/22
 mm dd yyyy

Medical Certificate Limitations

corrective lenses.

Medical Certificate Special Issuance

August 29, 2023 (expires Oct 31, 2028) PI# [REDACTED]
Currently Basic Med.

Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks:

09/09/2023
 mm dd yyyy

Flight Review Aircraft

Make: Cessna
 Model: C172N

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)

☒ None
 ☐ Airplane Single-Engine
 ☐ Airplane Multi-Engine
 ☐ Gyroplane
 ☐ Powered Lift

☐ Instrument Airplane
 ☐ Instrument Helicopter
 ☐ Helicopter
 ☐ Glider
 ☐ Sport

Type Ratings

N/A

Student Endorsements (Include dates)

1) Tail Wheel: 1998
 2) Complex: 1998

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	1,181.6	25.1	1,181.6	0	est 30	10	0	0	0	0
Pilot in Command (PIC)	1,136	25.1	1,136	0	30	0	0	0	0	0
Time as Instructor	0	0	0	0	0	0	0	0	0	0
This Make/Model					0	0	0			
Last 90 Days	26.1	25.1	26.1	0	0	0	0	0	0	0
Last 30 Days	3.6	3.6	3.6	0	0	0	0	0	0	0
Last 24 Hours	0	0	0	0	0	0	0	0	0	0

"FLIGHT CREWMEMBER 2" INFORMATION → N A

"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

☐ None ☐ Fatal
☐ Minor ☐ Unknown
☐ Serious

Seat Occupied

☐ Left ☐ Front ☐ Unknown
☐ Right ☐ Rear
☐ Center ☐ Single

Restraint Type

Available

☐ None
☐ Lap only
☐ 3-point
☐ 4-point
☐ 5-point
☐ Unknown

Used

☐ None
☐ Lap only
☐ 3-point
☐ 4-point
☐ 5-point
☐ Unknown

Inflatable Restraints

☐ Not Installed
☐ Installed
☐ Not Deployed
☐ Deployed
☐ Unknown

Pilot Certificate(s) (Check all that apply)

☐ None ☐ Flight Instructor ☐ Commercial ☐ US Military
☐ Private ☐ Recreational ☐ Airline Transport ☐ Foreign
☐ Student ☐ Sport ☐ Flight Engineer

Principal Occupation

☐ Pilot
☐ Other
☐ Unknown

Medical Certificate

☐ None ☐ Class 3
☐ Class 1 ☐ Driver's License (Sport Pilot only)
☐ Class 2 ☐ Unknown

Medical Certificate Validity

☐ Without limitations/waivers ☐ Unknown
☐ With limitations/waivers ☐ N/A
☐ Special Issuance

Date of Last Medical

mm/dd/yyyy

Medical Certificate Limitations

Medical Certificate Special Issuance

Date of Last Flight Review
or Equivalent, Including
FAR 121/135 Checks:

mm/dd/yyyy

Flight Review Aircraft

Make: _____

Model: _____

Airplane Rating(s)
(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)

☐ None ☐ Instrument Airplane
☐ Airplane Single-Engine ☐ Instrument Helicopter
☐ Airplane Multi-Engine ☐ Helicopter
☐ Gyroplane ☐ Glider
☐ Powered Lift ☐ Sport

Type Ratings

Student Endorsements (Include dates)

Flight Time (Enter appropriate
number of hours in each box)

	All Aircraft	This Make & Model	Airplane- Single Engine	Airplane Multiengine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air
						Actual	Simulated			
Total Time										
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 <u>NA</u>		Seat Occupied ☐ Left ☐ Front ☐ Center ☐ Rear ☐ Right ☐ Single ☐ Unknown	Injury ☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown
First Name _____ Middle Initial _____ Last Name _____	City of Residence _____ State _____ ZIP _____ Country _____		

Pilot Certificate(s) (Check all that apply) ☐ None ☐ Flight Instructor ☐ Commercial ☐ US Military ☐ Private ☐ Recreational ☐ Airline Transport ☐ Foreign ☐ Student ☐ Sport ☐ Flight Engineer		Restraint Type: Available ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown Used ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown	Inflatable Restraints ☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown
Type Rating/Endorsement for Accident/Incident Aircraft? ☐ Yes ☐ No	Total Flight Time at the Time of this Accident/Incident: _____ hrs		

Crew Name and Address		Seat Occupied ☐ Left ☐ Front ☐ Center ☐ Rear ☐ Right ☐ Single ☐ Unknown	Injury ☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown
First Name: _____ Middle Initial: _____ Last Name: _____	City of Residence: _____ State: _____ ZIP: _____ Country: _____		

Pilot Certificate(s) (Check all that apply) ☐ None ☐ Flight Instructor ☐ Commercial ☐ US Military ☐ Private ☐ Recreational ☐ Airline Transport ☐ Foreign ☐ Student ☐ Sport ☐ Flight Engineer		Restraint Type: Available ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown Used ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown	Inflatable Restraints ☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown
Type Rating/Endorsement for Accident/Incident Aircraft? ☐ Yes ☐ No	Total Flight Time at the Time of this Accident/Incident: _____ hrs		

PASSENGER(S) / OTHER PERSONNEL (Include cabin crew; continue on separate sheet if necessary)

Name and Address <u>NA</u>	Seat	Injury	Restraint Type	Inflatable Restraints	Age
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____ ☐ Crew ☐ Passenger ☐ Other	☐ Left ☐ Center ☐ Right ☐ Unknown Row: _____	☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown	Available ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown Used ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown	☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown	☐ Under 5 years If Under 5: ☐ Child Restraint ☐ Lap-held ☐ Unknown
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____ ☐ Crew ☐ Passenger ☐ Other	☐ Left ☐ Center ☐ Right ☐ Unknown Row: _____	☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown	Available ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown Used ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown	☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown	☐ Under 5 years If Under 5: ☐ Child Restraint ☐ Lap-held ☐ Unknown
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____ ☐ Crew ☐ Passenger ☐ Other	☐ Left ☐ Center ☐ Right ☐ Unknown Row: _____	☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown	Available ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown Used ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown	☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown	☐ Under 5 years If Under 5: ☐ Child Restraint ☐ Lap-held ☐ Unknown
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____ ☐ Crew ☐ Passenger ☐ Other	☐ Left ☐ Center ☐ Right ☐ Unknown Row: _____	☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown	Available ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown Used ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown	☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown	☐ Under 5 years If Under 5: ☐ Child Restraint ☐ Lap-held ☐ Unknown

FLIGHT ITINERARY INFORMATION

Last Departure Point Airport ID: <u>57C</u> City: <u>East Troy</u> State: <u>WI</u> Country: <u>USA</u>		Time of Departure Time: <u>3:35 pm</u> Time Zone: <u>Central</u>		Destination Airport ID: <u>57C</u> City: <u>East Troy</u> State: <u>WI</u> Country: <u>USA</u>		Type Flight Plan Filed ☒ None ☐ VFR/IFR ☐ Company VFR ☐ IFR ☐ Military VFR ☐ Unknown ☐ VFR Activated? ☐ Yes ☐ No ☐ Unknown	
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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 ☐ Altitude of In-Flight Occurrence: _____ ft msl ☐ Class B ☐ Class G ☐ 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			

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 <u>Foreflight</u> ☐ Automated Report ☐ None ☐ Commercial Weather Service (DUATS) ☐ Unknown ☐ On Board Weather		Weather Observation Facility Facility ID: <u>KUES</u> Observation Time: <u>3:00 pm</u> Time Zone: <u>CDT</u> Distance from Accident Site: <u>15.8</u> nm Direction from Accident Site: <u>022</u> degrees true	
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Basic Conditions ☒ VMC ☐ IMC ☐ Unknown		Light Condition ☐ Dawn ☐ Dusk ☐ Dark Night ☐ Unknown ☒ Day ☐ Night ☐ Bright Night	
Sky/Lowest Cloud Condition ☐ Clear ☒ Thin Broken ☐ Obscured ☐ Few ☐ Thin Overcast ☐ Indefinite ☐ Partial Obscuration ☐ Unknown ☐ Unknown ☐ Scattered		Temperature: _____ (C) or <u>60</u> (F) Dew Point: _____ (C) or _____ (F) Altimeter Setting: _____ in. Hg or _____ MB	
Lowest Cloud Condition Height <u>2,300</u> ftagl		Ceiling Height <u>2,300</u> ftagl	

Wind Direction ☐ Variable Direction: <u>336</u> degrees true	Wind Speed ☐ Calm ☒ Light and Variable Speed: _____ kts	Wind Gusts ☒ Not Gusting Speed: _____ kts	Visibility <u>10</u> miles RVR _____ feet RVV _____ miles Density Altitude: ? ft
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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
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Icing Forecast Amount: ☒ None ☐ Trace ☐ Light ☐ Moderate ☐ Severe ☐ Unknown Type: ☐ N/A ☐ Rime ☐ Clear ☐ Mixed ☐ Unknown	Icing Actual Amount: ☒ None ☐ Trace ☐ Light ☐ Moderate ☐ Severe ☐ Unknown Type: ☐ N/A ☐ Rime ☐ Clear ☐ Mixed ☐ Unknown	Turbulence Type (Check all that apply): ☒ None ☐ Clear Air ☐ Terrain-Induced ☐ Convective Turbulence Severity: ☐ Light ☐ Moderate ☐ Severe ☐ Extreme
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NOTAMS (D and FDC), AIRMETS, SIGMETs, PIREPs in effect at the time of the accident/incident:

NA

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)

prop-loss, cowling bent, wings deformed, left landing gear detached and driven up through wing, right landing gear detached, mid-fuselage at area of posterior wing roots compressed/buckled.

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.

Flight conducted for increased proficiency in type and pleasure. A preflight weather briefing obtained on ForeFlight (KUES Metar) and airport/flight area notifications. Preflight inspection of aircraft done, including oil and fuel. Fuel levels 3 gal. left tank and 4 gallons right tank (9 gallon capacity each tank) * 3/4 quart of oil added. Preflight checks completed. Flight commenced at about 3:35pm central. All pre departure checks done and engine run-up. Departure made from runway 36, left pattern done then touch and go. Departed airport area to approximately 3 miles west at 2,500 AGL. Performed one left and one right steep turn at 60° bank. Returned to airport entering a midfield left downwind for runway 36. Pre landing checks made. Fuel level left tank read 2 gallons and right read 3 gallons on downwind. All engine indications normal. Carb heat applied per P.O.H. Approach made with 1 notch flaps on late downwind and base, and full flaps on final. Final began approximately 1/2 to 1/3 mile from runway threshold. Engine quit running approximately half way down final approach at approximately 250 to 350 AGL. Throttle increased, re-manipulated without engine response, mixture checked as rich, all engine instrument indications normal. Attempted to switch from right to left fuel tank, unable to due to shoulder restraint limited my forward bend to fuel selector on cockpit floor between pilot's legs. Loosened right and then left shoulder restraint to enable reaching fuel selector (both hands required for each strap). Switch tanks right to left. No engine response. At this time was approx. 75 to 50 ft agl and runway approx 800 ft away. A road with traffic and fence were before runway threshold. I did not attempt to "stretch glide". Lowered nose to ↑ airspeed, however sink rate still unacceptable, flared at about 15 to 20 feet AGL. Landed in slight nose up attitude approx. 300-400 ft from runway with high sink rate impacting field below.

* Visual check for fuel also made pre flight. Fuel/air in vents checked to be clear.

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

Operator/Owner Safety Recommendation

- 1) consider fuel selector location in the DHC-1 as a possible safety hazard
- 2) Consider inaccuracy of in-wing fuel gauges in this aircraft.

Note: I understand the adage "fuel gauges are not to be trusted". However, if they were not meant to be read and used as part of fuel-available assessment, we wouldn't have them.

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.)

possible fuel gauge inaccuracy due to gauges themselves or perhaps air pocket in tank.

Total Time/Cycles
On Part

Hours

Cycles

Time Since This Part
Inspected/Overhauled

Hours

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

7 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

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

with assistance of emergency responders.

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

N/A

Aircraft Registration Number

Manufacturer:

Model:

Damage to Other Aircraft

☐ Destroyed☐ Minor☐ Substantial☐ None

Registered Owner of Other Aircraft

Name:

City:

State:

Country:

ZIP:

Pilot of Other Aircraft

Name:

City:

State:

Country:

ZIP:

ADDITIONAL INFORMATION (Please type or print in ink)

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

Narrative History of Flight continued: The airplane traveled approx. 30 to 35 feet after impact and then spun about 130° to the right before stopping. I looked toward runway and saw stopped traffic on road and a civilian responder making his way toward aircraft. I shut off master, generator and magnetos. On arrival of civilian responder, I told him that I "think I'm OK" and instructed him to bring the canopy back all the way and then stop away from the aircraft. (The canopy was at its partial-open indent, as I had opened it so prior to landing after engine loss) I felt quite dazed and remained in the cockpit until first responders arrived about 5 or 10 minutes later. The time between engine power loss and aircraft stop I would estimate as 25 to 30 seconds.

Note: 1) My "early flare" of the aircraft and bringing the aircraft to the ground at that point was performed, at least in part, to avoid running the aircraft into the road/culvert and possibly, traffic, putting the aircraft down prior to that point.
2) The inability to reach the fuel selector on the cockpit floor due to my shoulder restraints requiring me to loosen them each separately, likely took away valuable time (unnecessarily, due to what may be considered an aircraft design flaw?) during a very limited time frame to perform emergency procedures for engine loss and off field landing. This included, loosening shoulder restraints to reach fuel selector (requiring both hands) requiring taking hands off controls to do so and requiring a "heads down" position to turn the selector, however short a time that may have been.

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

Date of this Report: 11/13/2024
Name of Pilot/Operator: James J. Fisk H
Signature: [Redacted]
- or - ☒ Check here to electronically sign this document

If a Person Other than Pilot/Operator is Filing Report: NA

Name: _____ Title: _____
Signature: _____
- or - ☐ Check here to electronically sign this document

FOR NTSB USE ONLY

NTSB Accident/Incident No. CEN25LA035	Reviewed by NTSB Regional Office Central	Name of Investigator Mitchell Gallo	Date Report Received 11/13/2024
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