

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: FOWLERS BLUFF State: FL

ZIP: 32626 Country: USA

Latitude: 29.3542568 Longitude: -83.0279876

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

Accident/Incident Date/Time

Date: 04/18/2022 Local Time: 11:10 AM
mm/dd/yyyy

Time Zone: EASTERN

Collision with Other Aircraft: Midair On-ground None

AIRCRAFT INFORMATION

Registration Number: N919AC

Manufacturer: BELL HELICOPTER TEXTRON

Model: 206B

Serial Number: 4020

Year of Manufacture: 1988

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

IFR-Equipped and Certified
Commercial Space Flight
Unmanned Aircraft

Maximum Gross Weight: 3200 lbs

Weight at Time of Accident/Incident: 1900 lbs

Number of Seats: 1 Flight Crew Seats: 1

Cabin Crew Seats: _____ Passenger Seats: 3

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/Series	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	ROLLS ROYCE	C20B	CAE 823 517F		400	10752	37	
Eng. 2								
Eng. 3								
Eng. 4								

Last Inspection Type

100-Hour Continuous Airworthiness
AAIP Conditional Inspection
Annual Unknown

Date Last Inspection: 04/05/2022
mm/dd/yyyy

Airframe Total Time: 11661 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: _____

Model or Part No.: _____

TSO No.: C91 (121.5 MHz) C91a (121.5 MHz)
C126 (406 MHz)

Was ELT still mounted in aircraft? Yes No

Was ELT still connected to antenna? Yes No

Did ELT Activate? Yes No

If activated:

Did ELT Aid in Locating Aircraft? Yes No

If not activated:

Indicate Reason: Impact Damage
Fire Damage
Battery Expired/Damaged
Unknown

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: VERTICAL VEGETATION MANAGEMENT LLCCity: DARLINGTONState: INZIP: 47940Fractional Ownership Aircraft: Yes ☐ No ☒Country: USA**Operator of Aircraft**Same As Registered OwnerSame 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 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 FlightYes ☐ 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: _____

Distance From Airport Center: _____ sm

Airport Identifier: _____

Direction From Airport: _____ degrees true

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

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>MOISES</u> Middle Initial: <u>A.</u> Last Name: <u>MORALES</u> City of Residence: <u>CANAL POINT</u> State: <u>FL</u> ZIP: <u>33438</u> Country: <u>USA</u> Age at time of Accident/Incident: <u>45</u> Date of Birth: <u>1976</u> mm/dd/yyyy Certificate Number: [REDACTED]																																																																																																				
Degree of Injury ☒ None ☐ Minor ☐ Fatal ☐ 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			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 <u>03/08/2022</u> mm/dd/yyyy																																																																																											
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Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks: <u>03/31/2022</u> mm/dd/yyyy				Flight Review Aircraft Make: <u>BELL HELICOPTER TEXTRON</u> Model: <u>206B</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) ☐ None ☐ Airplane Single-Engine ☐ Airplane Multi-Engine ☐ Gyroplane ☐ Powered Lift ☒ Instrument Airplane ☒ Instrument Helicopter ☐ Glider ☐ Sport																																																																																											
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ADDITIONAL FLIGHT CREWMEMBERS (Exclusive of cabin crew, complete the following information)

Crew Name and Address		Seat Occupied	Injury
First Name: _____	City of Residence: _____	Left Center Right	Front Rear Single Unknown
Middle Initial: _____	State: _____ ZIP: _____		None Minor Serious Fatal Unknown
Last Name: _____	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 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
Type Rating/Endorsement for Accident/Incident Aircraft? Yes No		Total Flight Time at the Time of this Accident/Incident: _____ hrs	

Crew Name and Address		Seat Occupied	Injury
First Name: _____	City of Residence: _____	Left Center Right	Front Rear Single Unknown
Middle Initial: _____	State: _____ ZIP: _____		None Minor Serious Fatal Unknown
Last Name: _____	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 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
Type Rating/Endorsement for Accident/Incident Aircraft? Yes No		Total Flight Time at the Time of this Accident/Incident: _____ hrs	

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

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

Last Departure Point Airport ID: _____ City: _____ State: _____ Country: _____	Time of Departure Time: _____ Time Zone: _____	Destination Airport ID: _____ City: _____ State: _____ Country: _____	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 VFR	Special VFR IFR	Special IFR VFR On Top	VFR Flight Following Traffic Advisory	Cruise Unknown / NA
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Airspace where the accident/incident occurred (Check all that apply)

Class A Class B Class C Class D Class E	Class G Demo Area Warning Area Prohibited Area Restricted Area	Military Operations Area (MOA) Airport Advisory Area Jet Training Area TRSA FAR 93	Special Air Traffic Control Area Unknown	Altitude of In-Flight Occurrence: 100 ft msl
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WEATHER INFORMATION AT THE ACCIDENT/INCIDENT SITE

Source of Pilot Weather Information (Check all that apply) National Weather Service Flight Service Station TV/Radio Automated Report Commercial Weather Service (DUATS) On-Board Weather	Weather Observation Facility Facility ID: _____ Observation Time: _____ Time Zone: _____ Distance from Accident Site: _____ nm Direction from Accident Site: _____ degrees true
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Basic Conditions VMC IMC Unknown	Light Condition Dawn Day Dusk Night Dark Night Bright Night Unknown
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Sky/Lowest Cloud Condition Clear Few Partial Obscuration Scattered Thin Broken Thin Overcast Unknown	Ceiling None (Clear) Broken Overcast Obscured Indefinite Unknown	Temperature: _____ (C) or 75 (F) Dew Point: _____ (C) or 66 (F) Altimeter Setting: 29.8 in. Hg or _____ MB
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Wind Direction Variable -or- Direction: _____ degrees true	Wind Speed Calm Light and Variable Speed: _____ kts	Wind Gusts Not Gusting -or- Speed: _____ kts	Visibility _____ miles RVR: _____ feet RVV: _____ miles Density Altitude: _____ ft
--	---	--	---

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

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

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

None
Minor
Substantial ☒
Destroyed
Unknown

Aircraft Fire

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

Aircraft Explosion

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

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

AIRCRAFT SUFFORD TAIL BOOM DAMAGE DUE TO HARD LANDING.

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.

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

Operator/Owner Safety Recommendation

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

25

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

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: _____

Damage to Other Aircraft

Model: _____

Destroyed
SubstantialMinor
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

Name of Pilot/Operator: MOISES A. MORALES JR04/20/2022
mm/dd/yyyySignature: [REDACTED]

-- or --

Check here to electronically sign this document

If a Person Other than Pilot/Operator is Filing Report

Name: _____

Title: _____

Signature: _____

-- or --

Check here to electronically sign this document

FOR NTSB USE ONLY

NTSB Accident/Incident No.

ERA22LA192

Reviewed by NTSB Regional Office

ERA

Name of Investigator

GERHARDT, ADAM

Date Report Received

4/20/2022