

NATIONAL TRANSPORTATION SAFETY BOARD PILOT/OPERATOR AIRCRAFT ACCIDENT/INCIDENT REPORT

This form to be used for reporting civil and public use aircraft accidents and incidents

EXAMPLE INFORMATION

Accident/Incident Location

Nearest City/Place: Whicita Fall/Iowa Park State: Texas
 ZIP: 76310 Country: USA
 Latitude: N 33.95 (dd:mm:ss N/S) Longitude: W 98.62 (ddd:mm:ss E/W)

Date/Time

Date: 11/02/2018 Local Time: 11:30 am
 mm/dd/yyyy Time Zone: Central

Phase of Operation

☐ Standing ☐ Takeoff (incl. initial climb) ☐ Cruise ☐ Hover
☐ Taxi ☐ Climb ☐ Maneuvering ☒ Other
☒ Descent ☒ Landing ☐ Approach ☐ Unknown

Collision with Other Aircraft

☐ Midair
☐ On-ground
☒ None

Altitude of In-Flight Occurrence

1,250 ft MSL

AIRCRAFT INFORMATION

Manufacturer: Bell Helicopter Textron

Model: 47G-3B-1

Serial Number: 2941

Registration Number: N1159W

Amateur-built: ☐ Yes ☒ No

Max Gross Weight: 2,850 lbs

Weight at Time of Accident/Incident: 2,295 lbs

Location of Center of Gravity at Time of Accident/Incident:

0 inches from ☐ nose or ☒ datum
 -or- Percent Mean Aerodynamic Cord (% MAC)

Category of Aircraft

☐ Airplane
☐ Balloon
☐ Blimp/Dirigible
☐ Glider
☐ Gyrocraft
☒ Helicopter
☐ Powered lift
☐ Ultralight
☐ Unknown

Type of Airworthiness Certificate (Check all that apply)

Standard
☒ Normal
☐ Utility
☐ Aerobatic
☐ Transport
Special
☐ Restricted
☐ Limited
☐ Provisional
☐ Experimental
☐ Special Flight
☐ Light Sport

Number of Seats: 3

If Large Aircraft, how many seats for:

Flight Crew: _____

Cabin Crew: _____

Passengers: _____

Landing Gear ☐ Retractable

Check any additional landing gear configuration that applies:

☐ Tricycle ☐ Tailwheel
☐ Amphibian ☐ High Skid
☐ Emergency float ☒ Skid
☐ Float ☐ Ski
☐ Hull ☐ Ski/Wheel
☐ Unknown

Type of Maintenance Program

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

Last Inspection Type

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

Date Last Inspection: 05/01/2018

mm/dd/yyyy

Airframe Total Time: 6,895 hrs

hours measured at (check one)

☒ Last Inspection ☒ Time of Accident/Incident

IFR Equipped

☐ Yes ☒ No ☐ Unknown

Stall Warning System Installed

☐ Yes ☒ No ☐ Unknown

Type of Fire Extinguishing System

☐ None
☒ Specify HAND HELD

ELT Installed

☐ Yes ☒ No

ELT Activated

☐ Yes ☒ No

ELT Manufacturer: _____

Model/Series: _____

Serial Number: _____

Battery Type: _____

Battery Exp. Date: _____

Engine Type

☒ Reciprocating ☐ Turbo Jet
☐ Turbo Shaft ☐ Turbo Fan
☐ Turbo Prop ☐ Unknown

Reciprocating Fuel System Type

☒ Carburetor
☐ Fuel Injected

Propeller

☐ Fixed Pitch
☐ Controllable Pitch

Manufacturer: _____

Model: _____

Engine	Engine Manufacturer	Engine Model/Series	Manufacturer's Serial Number	Date of Mfg. mm/dd/yyyy	Engine Rated Power Measured as (check one) ☒ Horsepower or ☐ lbs of Thrust	Total Time (hours)	Time Since Inspection (hours)	Time Since Overhaul (hours)
Eng. 1	LYCOMING	VO-435-A1F	RL-388-52		270	1,169	27	1,169
Eng. 2								
Eng. 3								
Eng. 4								

Registered Aircraft Owner Name: <u>TREBLIG LLC</u> Fractional Ownership Aircraft: ☐ Yes ☒ No		Owner Address City: <u>[REDACTED]</u> State: <u>TX</u> ZIP: <u>76073</u> Country: <u>USA</u>	
Operator of Aircraft ☒ Same As Registered Owner Name: <u>Timothy W. Gilbert</u> Doing Business As: <u>Training</u> Air Carrier/Operator Designator (4 Character Code): _____		Operator Address ☒ Same As Registered Owner City: _____ State: _____ ZIP: _____ Country: _____	
Regulation Flight Conducted Under ☒ FAR 91 ☐ FAR 129 ☐ FAR 91 Special Flight ☐ Public Use (select type) ☐ FAR 103 ☐ FAR 133 ☐ Non-US, Commercial ☐ Federal ☐ State ☐ Local ☐ FAR 121 ☐ FAR 135 ☐ Non-US, Non-commercial ☐ Unknown ☐ FAR 125 ☐ FAR 137 ☐ Armed Forces		Revenue Sightseeing Flight ☐ Yes ☒ No Air Medical Flight ☐ Yes ☒ No	
Purpose of Flight for FAR 91, 103, 133, 137 (Select one) ☒ Personal ☐ Business ☐ Executive/Corporate ☐ Other Work Use ☒ Instructional ☐ Ferry ☐ Positioning ☐ Aerial Application ☐ Aerial Observation ☐ Air Drop ☐ Air Race / Show ☐ Flight Test ☐ Public Use ☐ Unknown		Revenue Operation for FAR 121, 125, 129, 135 (Select one) ☐ Scheduled or Commuter ☐ Non-Scheduled or Air Taxi Domestic or International ☐ Domestic ☐ International Cargo Operation ☐ Passenger/Cargo ☐ Passenger _____ How many? ☐ Cargo _____ lbs ☐ Mail	
Type of Commercial Operating Certificate Held (Check all that apply) ☒ None ☐ Flag Carrier Operating Certificate (121) ☐ Supplemental ☐ Air Cargo ☐ Foreign Air Carriers (129) ☐ Commuter Air Carrier (135) ☐ On-Demand Air Taxi (135) ☐ Large Helicopter (127) ☐ Rotorcraft External Load (133) - or - ☐ Agricultural Aircraft (137) ☐ Other Operator of Large Aircraft			
Aircraft Registration Number _____		Manufacturer: _____ Model: _____	
Registered Owner of Other Aircraft First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____		Damage to Other Aircraft ☐ Destroyed ☐ Minor ☐ Substantial ☐ None	
Pilot of Other Aircraft First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____			
Was there Mechanical Malfunction/Failure? ☒ Yes ☐ No ☐ Unknown (If yes, list the name of the part, manufacturer, part no., serial no., and describe the failure.) <u>Engine Failure of a Lycoming TVO-435-A1F, Serial # RL369-52</u>		Total Time/Cycles On Part <u>1,169</u> Hours _____ Cycles Time Since This Part Inspected/Overhauled <u>1,169</u> Hours	
Aircraft Damage ☐ None ☐ Substantial ☐ Minor ☒ Destroyed		Aircraft Fire ☒ None ☐ Both Ground and In-Flight ☐ In-Flight ☐ Unknown Origin ☐ On-Ground	
Aircraft Explosion ☒ None ☐ Both Ground and In-Flight ☐ In-Flight ☐ Unknown Origin ☐ On-Ground			

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

Airport Identifier: F14

Distance From Airport Center: 1 SM

Airport Name: Wichita Valley

Direction From Airport: 140 degrees MAG

Proximity to Airport ☒ Off Airport/Airstrip ☐ On Airport ☐ On Airstrip

Airport Elevation: 1,005 ft. MSL

Approach Segment (Select one)

☐ On Instrument Approach ☐ Landing ☐ Base leg ☒ Final ☐ Go Around
☐ Crosswind ☐ Downwind ☐ Low Approach ☐ Aborted Landing (after touchdown)

IFR Approach (Check all that apply)

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

VFR Approach (Check all that apply)

☐ None ☐ Stop and Go
☐ Traffic Pattern ☐ Touch and Go
☒ Straight-In ☒ Simulated Forced Landing
☐ Valley/Terrain Following ☐ Forced Landing
☐ Go Around ☐ Precautionary Landing
☐ Full Stop ☐ Unknown

Runway Information

Runway ID: 31 (L/R/C) Length: 3,320 ft Width: 40 ft

Runway/Landing Surface (Check all that apply)

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

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 ☐ Unknown
☐ Slush Covered ☐ Vegetation

Last Departure Point

Airport ID: Private

City: Paradise

State: TX

Country: USA

Time of Departure

Time: 0900

Time Zone: Central

Destination

Airport ID: F14

City: Wichita Falls/Iowa Park

State: TX

Country: USA

Type Flight Plan Filed

☒ None ☐ VFR/IFR
☐ Company VFR ☐ IFR
☐ Military VFR ☐ Unknown
☐ VFR
Activated? ☐ Yes ☐ No

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 E ☐ Prohibited Area ☐ Jet Training Area ☐ Special
☐ Class B ☒ Class G ☐ Restricted Area ☐ TRSA ☐ Air Traffic Control Area
☐ Class C ☐ Demo Area ☐ Military Operations Area (MOA) ☐ FAR 93 ☐ Unknown
☐ Class D ☐ Warning Area ☐ Airport Advisory Area

Aircraft Load Description (Check all that apply)

☒ None ☐ Towing Glider ☐ Parachutists ☐ Livestock
☐ Passengers ☐ Towing Banner ☐ Water ☐ Unknown
☐ Cargo ☐ Other External ☐ Chemical/Fertilizer/Seeds

Fuel on Board at Last Takeoff

(convert from pounds, as necessary)

55 Gallons

Fuel Type

☐ 80/87 ☐ 115/145 ☐ JP3 ☐ Other, specify _____
☒ 100 Low Lead ☐ Jet A ☐ JP4
☐ 100/130 ☐ Automotive ☐ JP5

Other Services, if Any, Prior to Departure

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 			
Weather Observation Facility Facility ID: _____ Observation Time: _____ Time Zone: _____ Distance from Accident Site: _____ NM Direction from Accident Site: _____ degrees MAG		Source of Weather Information <i>(Check all that apply)</i> ☐ National Weather Service ☐ Flight Service Station ☐ TV/Radio ☐ Automated Report ☐ Commercial Weather Service (DUATS) ☐ Company ☐ Military ☐ Internet ☐ Unknown	
Briefing Type/Completeness ☐ Full ☐ Partial / Limited By Pilot ☐ Partial / Limited By Briefer ☐ Abbreviated ☐ Unknown ☒ Not Pertinent		Light Condition ☐ Dawn ☒ Day ☐ Dusk ☐ Night ☐ Dark Night ☐ Bright Night ☐ Not Reported	
Sky/Lowest Cloud Condition ☒ Clear ☐ Few ☐ Partial Obscuration ☐ Scattered ☐ Thin Broken ☐ Thin Overcast ☐ Unknown		Ceiling ☒ None (clear) ☐ Broken ☐ Overcast ☐ Obscured ☐ Indefinite ☐ Unknown	
Lowest Cloud Condition Height _____ ft AGL		Ceiling Height _____ ft AGL	
Wind Direction ☐ Indicated: _____ degrees MAG ☒ Variable		Wind Speed Velocity: _____ 10 KTS -or- ☐ Calm ☒ Light and Variable	
		Wind Gusts Velocity: _____ KTS ☐ Gusting ☒ Not Gusting	
		Type of Turbulence <i>(Check all that apply)</i> ☒ None ☐ Clear Air ☐ Extreme ☐ Severe ☐ In Clouds ☐ Vicinity of Thunderstorm ☐ Moderate ☐ Moderate Chop ☐ Light	
NOTAMS (D, L and FDC), AIRMETs, SIGMETs, PIREPs in effect at the time of the accident/incident 			
Temperature: _____ (C) or _____ (F) Altimeter Setting: _____ in. HG or _____ MB Density Altitude: _____ ft Dew Point: _____ (C) or _____ (F)		Icing Forecast Amount ☒ None ☐ Trace ☐ Light ☐ Moderate ☐ Severe Type ☐ Rime ☐ Clear ☐ Mixed	
		Icing Actual Amount ☒ None ☐ Trace ☐ Light ☐ Moderate ☐ Severe Type ☐ Rime ☐ Clear ☐ Mixed	
		Type of Precipitation <i>(Check all that apply)</i> ☒ None ☐ Rain ☐ Snow ☐ Hail ☐ Rain Showers ☐ Freezing Rain ☐ Snow Shower ☐ Drizzle ☐ Ice Pellets ☐ Snow Pellets ☐ Snow Grains ☐ Ice Crystals ☐ Ice Pellets Shower ☐ Freezing Drizzle	
		Intensity of Precipitation ☐ Light ☐ Moderate ☐ Heavy	

Pilot "A" Responsibilities at the Time of Accident/Incident										
☒ Pilot ☐ Co-Pilot ☐ Student Pilot ☐ Flight Instructor ☐ Check Pilot ☐ Flight Engineer ☐ Other Flight Crew										
Pilot "A" Identification										
First Name: <u>Timothy</u>					City: <u>Paradise</u>					
Middle Initial: <u>W</u>					State: <u>TX</u>			ZIP: <u>76073</u>		
Last Name: <u>Gilbert</u>					Country: <u>USA</u>					
Age at time of Accident/Incident: <u>60</u>				Date of Birth: <u>mm/dd/yyyy</u> <u>58</u>		Certificate Number: <u>mm/dd/yyyy</u>				
Degree of Injury			Seat Occupied			Seat Belt		Shoulder Harness		
☐ None ☐ Fatal ☒ Minor ☐ Unknown ☐ Serious			☒ Left ☐ Front ☐ Unknown ☐ Right ☐ Rear ☐ Center ☐ Single			Used ☒ Yes ☐ No Available ☒ Yes ☐ No		Used ☐ Yes ☐ No Available ☒ Yes ☒ No		
Pilot Certificate(s) (Check all that apply)										
☒ None ☐ Student ☐ Recreational ☒ Commercial ☒ Flight Engineer ☐ Foreign ☒ Private ☐ Flight Instructor ☐ Sport ☒ Airline Transport ☐ U.S. Military										
Principal Occupation		Medical Certificate				Medical Certificate Validity		Date of Last Medical		
☒ Pilot ☐ Other ☐ Unknown		☐ None ☐ Class 3 ☒ Class 1 ☐ Driver's License (Sport Pilot only) ☐ Class 2 ☐ Unknown				☐ Without limitations/waivers ☒ With limitations/waivers ☐ Unknown		<u>06/26/2018</u> mm/dd/yyyy		
Medical Certificate Limitations										
Reading Glasses										
Medical Certificate Waivers										
Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks: <u>05/19/2018</u> mm/dd/yyyy										
Flight Review Aircraft Make: <u>Boeing 737</u> Model: <u>800</u>										
Airplane Rating(s) (Check all that apply)		Other Aircraft Rating(s) (Check all that apply)		Instrument Rating(s) (Check all that apply)		Instructor Rating(s) (Check all that apply)				
☐ None ☒ Single-Engine Land ☐ Single-Engine Sea ☒ Multiengine Land ☐ Multiengine Sea		☐ None ☐ Airship ☐ Free Balloon ☐ Glider ☐ Gyroplane ☒ Helicopter ☐ Powered Lift		☐ None ☒ Airplane ☐ Helicopter ☐ Powered Lift		☒ None ☐ Instrument Airplane ☐ Airplane Single-Engine ☐ Instrument Helicopter ☐ Airplane Multi-Engine ☐ Helicopter ☐ Gyroplane ☐ Glider ☐ Powered Lift ☐ Sport				
Type Ratings B-767 B-757 DC-9 B737 B6-200						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	14,961		573	14,298	13	0	0	90		
Pilot in Command (PIC)	3,000							69		
Time as Instructor	0							0		
This Make/Model					0	0	0			
Last 90 Days	57							4		
Last 30 Days	2							2		
Last 24 Hours	0									

Pilot "B" Responsibilities at the Time of Accident/Incident											
☐ Pilot ☐ Co-Pilot ☐ Student Pilot ☒ Flight Instructor ☐ Check Pilot ☐ Flight Engineer ☐ Other Flight Crew											
Pilot "B" Identification											
First Name: <u>Gary</u>				City: <u>Holliday</u>							
Middle Initial: <u>W</u>				State: <u>TX</u>				ZIP: <u>76366</u>			
Last Name: <u>Jones</u>				Country: <u>USA</u>							
Age at time of Accident/Incident: <u>83</u>			Date of Birth: <u>mm/dd/yyyy</u>			Certificate Number: <u> </u>					
Degree of Injury			Seat Occupied			Seat Belt		Shoulder Harness			
☐ None ☐ Fatal ☐ Minor ☐ Unknown ☒ Serious			☐ Left ☐ Front ☐ Unknown ☒ Right ☐ Rear ☐ Center ☐ Single			Used ☒ Yes ☐ No Available ☒ Yes ☐ No		Used ☐ Yes ☒ No Available ☐ Yes ☒ No			
Pilot Certificate(s) (Check all that apply)											
☐ None ☐ Student ☐ Recreational ☐ Commercial ☐ Flight Engineer ☐ Foreign ☐ Private ☒ Flight Instructor ☐ Sport ☐ Airline Transport ☐ U.S. Military											
Principal Occupation		Medical Certificate			Medical Certificate Validity			Date of Last Medical			
☐ Pilot ☐ Other ☒ Unknown		☐ None ☐ Class 3 ☐ Class 1 ☐ Driver's License (Sport Pilot only) ☐ Class 2 ☒ Unknown			☐ Without limitations/waivers ☐ With limitations/waivers ☒ Unknown			<u>mm/dd/yyyy</u>			
Medical Certificate Limitations											
Medical Certificate Waivers											
Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks:				Flight Review Aircraft							
<u>mm/dd/yyyy</u>				Make: _____ Model: _____							
Airplane Rating(s) (Check all that apply)		Other Aircraft Rating(s) (Check all that apply)		Instrument Rating(s) (Check all that apply)		Instructor Rating(s) (Check all that apply)					
☐ None ☐ Single-Engine Land ☐ Single-Engine Sea ☐ Multiengine Land ☐ Multiengine Sea		☐ None ☐ Airship ☐ Free Balloon ☐ Glider ☐ Gyroplane ☐ Helicopter ☐ Powered Lift		☐ None ☐ Airplane ☐ Helicopter ☐ Powered Lift		☐ None ☐ Airplane Single-Engine ☐ Airplane Multi-Engine ☐ Gyroplane ☐ Powered Lift ☐ Instrument Airplane ☐ Instrument Helicopter ☐ Helicopter ☐ Glider ☐ 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											

Pilot Name and Address		Degree of Injury	
First Name: _____	City: _____	☐ None	☐ Fatal
Middle Initial: _____	State: _____ ZIP: _____	☐ Minor	☐ Unknown
Last Name: _____	Country: _____	☐ Serious	
Pilot Certificate(s) (Check all that apply) ☐ None ☐ Student ☐ Recreational ☐ Commercial ☐ Flight Engineer ☐ Foreign ☐ Private ☐ Flight Instructor ☐ Sport ☐ Airline Transport ☐ U.S. Military		Seat Occupied ☐ Left ☐ Front ☐ Right ☐ Rear ☐ Center ☐ Single ☐ Unknown	
Type Rating/Endorsement for Accident/Incident Aircraft? ☐ Yes ☐ No		Total Flight Time at the Time of this Accident/Incident: _____ hrs	

Pilot Name and Address		Degree of Injury	
First Name: _____	City: _____	☐ None	☐ Fatal
Middle Initial: _____	State: _____ ZIP: _____	☐ Minor	☐ Unknown
Last Name: _____	Country: _____	☐ Serious	
Pilot Certificate(s) (Check all that apply) ☐ None ☐ Student ☐ Recreational ☐ Commercial ☐ Flight Engineer ☐ Foreign ☐ Private ☐ Flight Instructor ☐ Sport ☐ Airline Transport ☐ U.S. Military		Seat Occupied ☐ Left ☐ Front ☐ Right ☐ Rear ☐ Center ☐ Single ☐ Unknown	
Type Rating/Endorsement for Accident/Incident Aircraft? ☐ Yes ☐ No		Total Flight Time at the Time of this Accident/Incident: _____ hrs	

Pilot Name and Address		Degree of Injury	
First Name: _____	City: _____	☐ None	☐ Fatal
Middle Initial: _____	State: _____ ZIP: _____	☐ Minor	☐ Unknown
Last Name: _____	Country: _____	☐ Serious	
Pilot Certificate(s) (Check all that apply) ☐ None ☐ Student ☐ Recreational ☐ Commercial ☐ Flight Engineer ☐ Foreign ☐ Private ☐ Flight Instructor ☐ Sport ☐ Airline Transport ☐ U.S. Military		Seat Occupied ☐ Left ☐ Front ☐ Right ☐ Rear ☐ Center ☐ Single ☐ Unknown	
Type Rating/Endorsement for Accident/Incident Aircraft? ☐ Yes ☐ No		Total Flight Time at the Time of this Accident/Incident: _____ hrs	

Name and Address	Seat	Crew	Non-Revenue	Revenue	Non-Occupant	FAA	Fatal	Serious Injury	Minor Injury	No Injury	Unknown
First Name: _____											
Middle Initial: _____											
Last Name: _____											
First Name: _____											
Middle Initial: _____											
Last Name: _____											
First Name: _____											
Middle Initial: _____											
Last Name: _____											
First Name: _____											
Middle Initial: _____											
Last Name: _____											
First Name: _____											
Middle Initial: _____											
Last Name: _____											

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 time and point of departure, intended destination, and services obtained.

I departed my home in Paradise around 9 am en-route to F14 (Wichita Valley Airport). It took me about an hour and 20 minutes to get there due to winds out of the northwest and landing around 10:20 am. I bought the helicopter there and wanted to come back periodically to do refresher training on emergency procedures. I shut down and met with Gary Jones my CFI that checked me out in the Bell 47. We talked a little bit then around 11:00 we jumped in and began practicing auto rotations. After 4 or 5 auto rotations we moved on to do a hydraulic pump failure approach. I climbed up to 1500' msl and turn final to runway 31 due to the winds and to make the run-on landing on asphalt instead of the grass strips due to the wetness from previous rain and standing water. Once we were on final and set up in a decent and on speed Gary was reaching down to turn off the hydraulic switch when the engine quit. I immediately gave him the aircraft (due to his high experience level) and told him I had a field to my left. We couldn't go forward due to power lines and railroad tracks. Couldn't see to my right so left was the direction we went. As Gary performed the auto rotation I called out a tree line and a telephone pole and then heard Gary state we were going to hit hard. From that point on I do not remember the rest of the decent, the impact nor anything else until I was wheeled to the ambulance. I came to and looked at the EMT. She introduced herself and asked me my name and date of birth which I gave.

I cannot describe the wreckage as I did not see it except in pictures. Terrain was not an issue, just obstacles such as buildings, trees, and power lines.

Operator/Owner Safety Recommendation

Hard to do when you never know when the engine is going to quit. I don't know that it could have been prevented. You can't always stay high and fast as you would never accomplish anything especially in helicopters. The nature in which helicopters are used and flown makes this section difficult to answer. Until I know why the engine quit its real hard to give proper recommendations.

ADDITIONAL INFORMATION *(Please type or print in ink)*

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

Date of this Report

11/26/2018

mm/dd/yyyy

Signature and Name of Pilot/Operator

Signature: _____

Type or Print Name: Timothy W. Gilbert

Signature and Name of Person Filing Report if Other than Pilot/Operator

Signature: _____

Type or Print Name: Timothy W. Gilbert

Title: Owner

NTSB Accident/Incident No.

WPR19LA019

Reviewed by NTSB Regional Office

WPR

Name of Investigator

LINK

Date Report Received

11/27/2018