

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: DANBURY State: TX
 ZIP: 77534 Country: U.S.A.
 Latitude: 29 143 90 Longitude: 095 20 701
(Enter in decimal degrees or degrees:minutes:seconds)

Accident/Incident Date/Time

Date: 12/14/2019 Local Time: 13:30
mm/dd/yyyy Time Zone: CENTRAL

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

AIRCRAFT INFORMATION

Registration Number: N57SJ

Manufacturer: ENSTROM

Model: F28A

Serial Number: 278

Year of Manufacture: 1974

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

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

Maximum Gross Weight: 2150 lbs

Weight at Time of Accident/Incident: 2000 lbs

Number of Seats: 3 Flight Crew Seats: 1

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

- ☒ Normal
☐ Aerobatic
☐ Balloon
☐ Commuter
☐ Transport
☐ Utility

Special

- ☐ Restricted
☐ Limited
☐ Provisional
☐ Special Flight
☐ Experimental
☐ Special Light-Sport
☐ Experimental Light-Sport

☐ Certificate of Authorization or Waiver (COA)
☒ None ☐ Unknown

Landing Gear

(Check all that apply)

☐ Retractable

☐ Tricycle

☐ Amphibian

☐ Emergency Float

☐ Float

☐ Hull

☐ Other Launch/Recovery System

☐ None

☐ Tailwheel

☐ High Skid

☒ Skid

☐ Ski

☐ Ski/Wheel

☐ 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. <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	LYCOMING	HI0360C1A	L-13041-51A		205	1238.8	80.8	455.6
Eng. 2								
Eng. 3								
Eng. 4								

Last Inspection Type

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

Date Last Inspection: 09/04/2019

mm/dd/yyyy

Airframe Total Time: 3632.3 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: HAND HELD

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.: ☐ OC91 (121.5 MHz) ☐ OC91a (121.5 MHz)
☐ OC126 (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: TIMOTHY A. SALAIKACity: DANBURYState: TX ZIP: 77534Fractional Ownership Aircraft: ☐ Yes ☒ NoCountry: U. S. A.**Operator of Aircraft**☐ Same As Registered Owner☐ Same Address as Registered OwnerName: TIMOTHY JOHN SALAIKACity: ANGLETON

Doing Business As: _____

State: TX ZIP: 77515

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

Country: U. S. A.**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 3 miles of an airport)**Airport Name: SALAIKA AVIATIONDistance From Airport Center: 1 smAirport Identifier: 07TADirection From Airport: 080 degrees trueProximity to Airport: ☒ Off Airport/Airstrip ☐ On Airport/Airstrip ☐ N/AAirport Elevation: 30 ft. msl**Runway Information**Runway ID: 06 (L/R/C) Length: 2400 ft Width: 125 ft**Condition of Runway/Landing Surface (Check all that apply)****Runway/Landing Surface (Check all that apply)**

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

- ☐ 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 ☐ 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 <input type="radio"/> Pilot <input type="radio"/> Co-Pilot <input type="radio"/> Student Pilot <input checked="" type="radio"/> Flight Instructor <input type="radio"/> Check Pilot <input type="radio"/> Flight Engineer <input type="radio"/> Other Flight Crew																																																																																																				
"Flight Crewmember 1" was pilot flying <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																																																																																																				
"Flight Crewmember 1" Identification <div style="display: flex; justify-content: space-between;"> <div> First Name: <u>TIMOTHY</u> Middle Initial: <u>J</u> Last Name: <u>SALAIKA</u> </div> <div> City of Residence: <u>ANGLETON</u> State: <u>TX</u> ZIP: <u>77515</u> Country: <u>U. S. A.</u> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div>Age at time of Accident/Incident: <u>37</u></div> <div>Date of Birth: [REDACTED] <small>mm/dd/yyyy</small></div> </div> <div style="text-align: center; margin-top: 5px;">Certificate Number: [REDACTED]</div>																																																																																																				
Degree of Injury <input checked="" 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 checked="" type="radio"/> Right <input type="radio"/> Rear <input type="radio"/> Center <input type="radio"/> Single			Restraint Type <div style="display: flex;"> <div style="flex: 1;"> Available <input type="radio"/> None <input checked="" type="radio"/> Lap only <input type="radio"/> 3-point <input type="radio"/> 4-point <input type="radio"/> 5-point <input type="radio"/> Unknown </div> <div style="flex: 1;"> Used <input type="radio"/> None <input checked="" type="radio"/> Lap only <input type="radio"/> 3-point <input type="radio"/> 4-point <input type="radio"/> 5-point <input type="radio"/> Unknown </div> </div>			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																																																																																											
Pilot Certificate(s) (Check all that apply) <div style="display: flex; flex-wrap: wrap;"> <div style="flex: 1; min-width: 100px;"><input type="checkbox"/> None</div> <div style="flex: 1; min-width: 100px;"><input checked="" type="checkbox"/> Flight Instructor</div> <div style="flex: 1; min-width: 100px;"><input checked="" type="checkbox"/> Commercial</div> <div style="flex: 1; min-width: 100px;"><input type="checkbox"/> US Military</div> <div style="flex: 1; min-width: 100px;"><input type="checkbox"/> Private</div> <div style="flex: 1; min-width: 100px;"><input type="checkbox"/> Recreational</div> <div style="flex: 1; min-width: 100px;"><input type="checkbox"/> Airline Transport</div> <div style="flex: 1; min-width: 100px;"><input type="checkbox"/> Foreign</div> <div style="flex: 1; min-width: 100px;"><input type="checkbox"/> Student</div> <div style="flex: 1; min-width: 100px;"><input type="checkbox"/> Sport</div> <div style="flex: 1; min-width: 100px;"><input type="checkbox"/> Flight Engineer</div> </div>						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>04/05/2019</u> <small>mm/dd/yyyy</small>																																																																																												
Medical Certificate Limitations <div style="text-align: center; height: 40px;">NONE</div>																																																																																																				
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Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks: <u>8-23-2018</u> <small>mm/dd/yyyy</small>			Flight Review Aircraft Make: <u>ENSTROM</u> Model: <u>F28A</u>																																																																																																	
Airplane Rating(s) (Check all that apply) <input type="checkbox"/> None <input checked="" 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 checked="" 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"/> Airplane Single-Engine <input type="checkbox"/> Airplane Multi-Engine <input type="checkbox"/> Gyroplane <input type="checkbox"/> Powered Lift <div style="margin-top: 10px;"> <input type="checkbox"/> Instrument Airplane <input type="checkbox"/> Instrument Helicopter <input checked="" type="checkbox"/> Helicopter <input type="checkbox"/> Glider <input type="checkbox"/> Sport </div>																																																																																												
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<table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th rowspan="2">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>4901.5</td> <td>4000</td> <td>105</td> <td>0</td> <td>479</td> <td>0</td> <td>139</td> <td>4795.6</td> <td>0</td> <td>0</td> </tr> <tr> <td>Pilot in Command (PIC)</td> <td>4699.9</td> <td>4000</td> <td>65</td> <td>0</td> <td>470</td> <td>0</td> <td>139</td> <td>4690</td> <td>0</td> <td>0</td> </tr> <tr> <td>Time as Instructor</td> <td>3000</td> <td>3000</td> <td>0</td> <td>0</td> <td>100</td> <td>0</td> <td>0</td> <td>3000</td> <td>0</td> <td>0</td> </tr> <tr> <td>This Make/Model</td> <td colspan="10" style="background-color: black; color: black;">[REDACTED]</td> </tr> <tr> <td>Last 90 Days</td> <td>121.9</td> <td>121.9</td> <td>0</td> <td>0</td> <td>4.9</td> <td>0</td> <td>2.5</td> <td>121.9</td> <td>0</td> <td>0</td> </tr> <tr> <td>Last 30 Days</td> <td>36</td> <td>36</td> <td>0</td> <td>0</td> <td>1.6</td> <td>0</td> <td>1.0</td> <td>36</td> <td>0</td> <td>0</td> </tr> <tr> <td>Last 24 Hours</td> <td>2.2</td> <td>2.2</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>2.2</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	4901.5	4000	105	0	479	0	139	4795.6	0	0	Pilot in Command (PIC)	4699.9	4000	65	0	470	0	139	4690	0	0	Time as Instructor	3000	3000	0	0	100	0	0	3000	0	0	This Make/Model	[REDACTED]										Last 90 Days	121.9	121.9	0	0	4.9	0	2.5	121.9	0	0	Last 30 Days	36	36	0	0	1.6	0	1.0	36	0	0	Last 24 Hours	2.2	2.2	0	0	0	0	0	2.2	0	0
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"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: GARY

City of Residence: ROSHARON

Middle Initial: R

State: TX

ZIP: 77583

Last Name: FINDLEY

Country: U.S.A.

Age at time of Accident/Incident: 45 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
 ☐ 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	2.8	2.8						2.8		
Pilot in Command (PIC)										
Time as Instructor										
This Make/Model										
Last 90 Days										
Last 30 Days	2.8	2.8						2.8		
Last 24 Hours										

ADDITIONAL FLIGHT CREWMEMBERS (Exclusive of cabin crew, complete the following information)									
Crew Name and Address N/A					Seat Occupied		Injury		
First Name: _____ City of Residence: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____					<input type="radio"/> Left <input type="radio"/> Front <input type="radio"/> Center <input type="radio"/> Rear <input type="radio"/> Right <input type="radio"/> Single <input type="radio"/> Unknown		<input type="radio"/> None <input type="radio"/> Minor <input type="radio"/> Serious <input type="radio"/> Fatal <input type="radio"/> Unknown		
Pilot Certificate(s) (Check all that apply) <div style="display: flex; flex-wrap: wrap; padding: 5px;"> <div style="width: 33%;"><input type="checkbox"/> None</div> <div style="width: 33%;"><input type="checkbox"/> Flight Instructor</div> <div style="width: 33%;"><input type="checkbox"/> Commercial</div> <div style="width: 33%;"><input type="checkbox"/> US Military</div> <div style="width: 33%;"><input type="checkbox"/> Private</div> <div style="width: 33%;"><input type="checkbox"/> Recreational</div> <div style="width: 33%;"><input type="checkbox"/> Airline Transport</div> <div style="width: 33%;"><input type="checkbox"/> Foreign</div> <div style="width: 33%;"><input type="checkbox"/> Student</div> <div style="width: 33%;"><input type="checkbox"/> Sport</div> <div style="width: 33%;"><input type="checkbox"/> Flight Engineer</div> </div>					Restraint Type: <div style="display: flex; padding: 5px;"> <div style="width: 50%;"> 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 </div> <div style="width: 50%;"> 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 </div> </div>		Inflatable Restraints <div style="padding: 5px;"> <input type="checkbox"/> Not Installed <input type="checkbox"/> Installed <input type="checkbox"/> Not Deployed <input type="checkbox"/> Deployed <input type="checkbox"/> Unknown </div>		
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: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____					<input type="radio"/> Left <input type="radio"/> Front <input type="radio"/> Center <input type="radio"/> Rear <input type="radio"/> Right <input type="radio"/> Single <input type="radio"/> Unknown		<input type="radio"/> None <input type="radio"/> Minor <input type="radio"/> Serious <input type="radio"/> Fatal <input type="radio"/> Unknown		
Pilot Certificate(s) (Check all that apply) <div style="display: flex; flex-wrap: wrap; padding: 5px;"> <div style="width: 33%;"><input type="checkbox"/> None</div> <div style="width: 33%;"><input type="checkbox"/> Flight Instructor</div> <div style="width: 33%;"><input type="checkbox"/> Commercial</div> <div style="width: 33%;"><input type="checkbox"/> US Military</div> <div style="width: 33%;"><input type="checkbox"/> Private</div> <div style="width: 33%;"><input type="checkbox"/> Recreational</div> <div style="width: 33%;"><input type="checkbox"/> Airline Transport</div> <div style="width: 33%;"><input type="checkbox"/> Foreign</div> <div style="width: 33%;"><input type="checkbox"/> Student</div> <div style="width: 33%;"><input type="checkbox"/> Sport</div> <div style="width: 33%;"><input type="checkbox"/> Flight Engineer</div> </div>					Restraint Type: <div style="display: flex; padding: 5px;"> <div style="width: 50%;"> 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 </div> <div style="width: 50%;"> 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 </div> </div>		Inflatable Restraints <div style="padding: 5px;"> <input type="checkbox"/> Not Installed <input type="checkbox"/> Installed <input type="checkbox"/> Not Deployed <input type="checkbox"/> Deployed <input type="checkbox"/> Unknown </div>		
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: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____ <div style="display: flex; justify-content: space-around; margin-top: 5px;"> <input type="radio"/> Crew <input type="radio"/> Passenger <input type="radio"/> Other </div>			<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 If Under 5, <input type="radio"/> Child Restraint <input type="radio"/> Lap-Held <input type="radio"/> Unknown	
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____ <div style="display: flex; justify-content: space-around; margin-top: 5px;"> <input type="radio"/> Crew <input type="radio"/> Passenger <input type="radio"/> Other </div>			<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 If Under 5, <input type="radio"/> Child Restraint <input type="radio"/> Lap-Held <input type="radio"/> Unknown	
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FLIGHT ITINERARY INFORMATION

Last Departure Point

Airport ID: 07TA
City: DANBURY
State: TEXAS
Country: U.S.A.

Time of Departure

Time: 13:30
Time Zone: C

Destination

Airport ID: 07TA
City: DANBURY
State: TEXAS
Country: U.S.A.

Type Flight Plan Filed

☐ None ☐ VFR/IFR
☒ Company VFR ☐ IFR
☐ Military VFR ☐ Unknown
☐ VFR
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:

_____ 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: KLBX
Observation Time: 13:00
Time Zone: C
Distance from Accident Site: 7 nm
Direction from Accident Site: 240 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 85 (F)

Dew Point: _____ (C) or 75 (F)

Altimeter Setting: 2989 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 10+ miles

RVR: 5000 feet

RVV: 1 miles

Density Altitude: 2000 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 Type
☒ None ☐ N/A
☐ Trace ☐ Rime
☐ Light ☐ Clear
☐ Moderate ☐ Mixed
☐ Severe ☐ Unknown
☐ Unknown

Icing Actual

Amount Type
☒ None ☐ N/A
☐ Trace ☐ Rime
☐ Light ☐ Clear
☐ Moderate ☐ Mixed
☐ Severe ☐ Unknown
☐ Unknown

Turbulence

Type (Check all that apply) Severity
☒ 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:

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

Operator/Owner Safety Recommendation

WE PLAN TO TOP OVERHAUL THE PISTON ENGINES IN ENSTROM HELICOPTERS
AT 400 HOURS.

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.)

#3 INTAKE VALVE SECTION BROKE OFF THAN FOUND IT'S WAY INTO THE #1
CYLINDER INTAKE VALVE WHERE IT LODGED BETWEEN THE VALVE AND SEAT
HOLDING THE #1 INTAKE VALVE OPEN. THIS MADE BOTH CYLINDERS INOP.

Total Time/Cycles
On Part

454.8 Hours

Cycles

Time Since This Part
Inspected/Overhauled

454.8 Hours

FUEL & SERVICES INFORMATION

Fuel 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

PREFLIGHT AND CHECK OIL

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

THROUGH THE PILOT SIDE DOOR.

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: _____

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)

ROTORBLADES, GLASS, TAIL BOOM, LANDING GEAR.

NO DAMAGE TO PROPERTY.

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.

On December 14, 2019, at 07TA Airport, after completing one pattern with the student, Gary Findley, we departed for a second pattern during a regular training lesson around 13:35. Shortly after takeoff, just after entering the crosswind turn, the engine suddenly began to run rough, and seemed to have lost a lot of power. I began the autorotation to a visible clearing to my right. We made the clearing, flared, and touched down. The skids became stuck in the soft mud, pulling the aircraft down. The blades struck the ground, and the aircraft turned on its side. I turned off everything in the aircraft, and then the student and I exited the aircraft. No one was injured.

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: TIMOTHY JOHN SALAIKA

APR 03 2020
mm/dd/yyyy

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.
CEN20LA051

Reviewed by NTSB Regional Office
CEN

Name of Investigator
J. Brannen

Date Report Received
5/13/2020