

November 30, 2017

FR: Garrick Lee

[REDACTED]
Chico, CA 95928

TO: NTSB, WPR

[REDACTED]
Federal Way, WA 98003

RE: BIRD STRIKE @ NIGHT....."INCIDENT", 18 November 2017, KCIC.

Dear Sir or Madam,

On Saturday, November 18th, 2017 at ~1650 PST, our rented Cessna 172 (N9678Q) was impacted by a goose and blew out the plexiglass windscreen and we immediately returned back to the departing airport, without further damage to the aircraft, and only minor injuries to both myself and my student pilot.

We completed a Strike Report (2017-11-20-161829-R-2) and subsequently had brief telephone conversations with both the FAA and NTSB. Several days later a phone message from an NTSB official from the LA office asked me to fill out an Incident Report, which I presume is the one enclosed.

Any further questions will be gladly provided.

Sincerely,

[REDACTED]
Garrick Lee

Certified Flight Instructor

Northgate Aviation @ Chico Municipal Airport
Chico, CA.
[REDACTED]

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: Chico State: CA
 ZIP: 95973 Country: USA
 Latitude: _____ Longitude: _____
(Enter in decimal degrees or degrees:minutes:seconds)

Accident/Incident Date/Time

Date: 11/18/2017 Local Time: 1845
mm/dd/yyyy Time Zone: PST

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

AIRCRAFT INFORMATION

Registration Number: 9678Q

Manufacturer: Cessna

Model: 172/M2050

Serial Number: _____

Year of Manufacture: 1975

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

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

Maximum Gross Weight: 2300 lbs

Weight at Time of Accident/Incident: 2050 lbs

Number of Seats: 4 Flight Crew Seats: 2

Cabin Crew Seats: _____ Passenger Seats: _____

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
- ☐ Turbo Shaft
- ☐ Turbo Prop
- ☐ Turbo Jet
- ☐ Turbo Fan
- ☐ Electric
- ☐ Liquid Rocket
- ☐ Solid Rocket
- ☐ Hybrid Rocket
- ☐ None
- ☐ Unknown

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 <input checked="" type="radio"/> Horsepower or <input type="radio"/> lbs of Thrust	Total Time (hours)	Time Since: Inspection (hours)	Overhaul (hours)
Eng. 1	Lycoming	IO-320 E2D			150			
Eng. 2								
Eng. 3								
Eng. 4								

Last Inspection Type

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

Date Last Inspection: _____
mm/dd/yyyy

Airframe Total Time: _____ 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.: ☐ 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: <u>Northgate Aviation</u> Fractional Ownership Aircraft: <input type="radio"/> Yes <input checked="" type="radio"/> No		City: <u>Chico</u> State: <u>CA</u> ZIP: <u>95973</u> Country: <u>USA</u>	
Operator of Aircraft <input checked="" type="checkbox"/> Same As Registered Owner Name: _____ Doing Business As: _____ Air Carrier/Operator Designator (4 Character Code): _____		<input checked="" type="checkbox"/> Same Address as Registered Owner City: _____ State: _____ ZIP: _____ Country: _____	
Operating Certificates Held <i>(Check all that apply)</i> <input type="checkbox"/> None <input type="checkbox"/> Flag Carrier Operating Certificate (FAR 121) <input type="checkbox"/> Supplemental <input type="checkbox"/> Air Cargo <input type="checkbox"/> Foreign Air Carriers (FAR 129) <input type="checkbox"/> Rotorcraft External Load (FAR 133) <input type="checkbox"/> Commuter Air Carrier (FAR 135) <input type="checkbox"/> On-Demand Air Taxi (FAR 135) <input type="checkbox"/> Commercial Air Tour (FAR 136) <input type="checkbox"/> Agricultural Aircraft (FAR 137) <input type="checkbox"/> Pilot School (FAR 141) <input type="checkbox"/> Certificate of Authorization or Waiver (COA) <input type="checkbox"/> Commercial Space Transportation Experimental Permit <input type="checkbox"/> Commercial Space Transportation License <input type="checkbox"/> Other Operator of Large Aircraft	Regulation Flight Conducted Under <input checked="" type="radio"/> FAR 91 <input type="radio"/> FAR 129 <input type="radio"/> FAR 415 <input type="radio"/> FAR 103 <input type="radio"/> FAR 133 <input type="radio"/> FAR 431 <input type="radio"/> FAR 121 <input type="radio"/> FAR 135 <input type="radio"/> FAR 435 <input type="radio"/> FAR 125 <input type="radio"/> FAR 137 <input type="radio"/> FAR 437 <input type="radio"/> FAR 91 Special Flight <input type="radio"/> Non-US, Commercial <input type="radio"/> Non-US, Non-commercial <input type="radio"/> Public Aircraft <i>(Select one)</i> <input type="radio"/> Armed Forces <input type="radio"/> Federal <input type="radio"/> State <input type="radio"/> Local <input type="radio"/> Unknown	Revenue Operation for FAR 121, 125, 129, 135 <i>(Select one for each group)</i> <input type="radio"/> Scheduled or Commuter <input checked="" type="radio"/> Domestic <input checked="" type="radio"/> Non-Scheduled or Air Taxi <input type="radio"/> International <input type="radio"/> Passenger <input type="radio"/> Cargo <input type="radio"/> Mail Contract Only	
Revenue Sightseeing Flight <input type="radio"/> Yes <input checked="" type="radio"/> No		Air Medical Flight <input type="radio"/> Yes <input checked="" type="radio"/> No	
AIRPORT INFORMATION <i>(Fill in if accident/incident occurred on approach, landing, takeoff, departure, or within 3 miles of an airport)</i>			
Airport Name: _____ Airport Identifier: _____ Proximity to Airport: <input type="radio"/> Off Airport/Airstrip <input type="radio"/> On Airport/Airstrip <input type="radio"/> N/A		Distance From Airport Center: _____ sm Direction From Airport: _____ degrees true Airport Elevation: _____ ft. msl	
Runway Information Runway ID: _____ (L/R/C) Length: _____ ft Width: _____ ft		Condition of Runway/Landing Surface <i>(Check all that apply)</i> <input type="checkbox"/> Dry <input type="checkbox"/> Snow-Compacted <input type="checkbox"/> Water-Calm <input type="checkbox"/> Holes <input type="checkbox"/> Snow-Crusted <input type="checkbox"/> Water-Choppy <input type="checkbox"/> Ice Covered <input type="checkbox"/> Snow-Dry <input type="checkbox"/> Water-Glassy <input type="checkbox"/> Rough <input type="checkbox"/> Snow-Wet <input type="checkbox"/> Wet <input type="checkbox"/> Rubber Deposits <input type="checkbox"/> Soft <input type="checkbox"/> Slush-Covered <input type="checkbox"/> Vegetation <input type="checkbox"/> Unknown	
Runway/Landing Surface <i>(Check all that apply)</i> <input type="checkbox"/> Asphalt <input type="checkbox"/> Grass/Turf <input type="checkbox"/> Macadam <input type="checkbox"/> Water <input type="checkbox"/> Concrete <input type="checkbox"/> Gravel <input type="checkbox"/> Metal/Wood <input type="checkbox"/> Dirt <input type="checkbox"/> Ice <input type="checkbox"/> Snow <input type="checkbox"/> Unknown			
Approach/Departure Segment <i>(Select one)</i> <input type="radio"/> Taxi <input type="radio"/> VFR Departure <input type="radio"/> On Instrument Approach <input type="radio"/> Downwind <input type="radio"/> Low Approach <input type="radio"/> Takeoff <input type="radio"/> IFR Departure Procedure/Clearance <input type="radio"/> Landing <input type="radio"/> Base <input type="radio"/> Go Around <input type="radio"/> Initial Climb <input type="radio"/> Final <input type="radio"/> Aborted Landing (after touchdown) <input type="radio"/> Crosswind <input type="radio"/> Unknown			
IFR Approach <i>(Check all that apply)</i> <input type="checkbox"/> None <input type="checkbox"/> ADF/NDB <input type="checkbox"/> PAR <input type="checkbox"/> MLS <input type="checkbox"/> Practice <input type="checkbox"/> SDF <input type="checkbox"/> Sidestep <input type="checkbox"/> LDA <input type="checkbox"/> GPS <input type="checkbox"/> VOR/TVOR <input type="checkbox"/> ILS <input type="checkbox"/> ASR <input type="checkbox"/> Visual <input type="checkbox"/> VOR/DME <input type="checkbox"/> Localizer Only <input type="checkbox"/> Contact <input type="checkbox"/> TACAN <input type="checkbox"/> LOC-back course <input type="checkbox"/> Circling <input type="checkbox"/> RNAV <input type="checkbox"/> Unknown		VFR Approach <i>(Check all that apply)</i> <input type="checkbox"/> None <input type="checkbox"/> Traffic Pattern <input type="checkbox"/> Stop and Go <input type="checkbox"/> Straight-In <input type="checkbox"/> Touch and Go <input type="checkbox"/> Valley/Terrain Following <input type="checkbox"/> Simulated Forced Landing <input type="checkbox"/> Go Around <input type="checkbox"/> Forced Landing <input type="checkbox"/> Full Stop <input type="checkbox"/> Precautionary Landing <input type="checkbox"/> 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: Garrick

Middle Initial: B

Last Name: Lee

City of Residence: Chico

State: CA

ZIP: 95928

Country: USA

Age at time of Accident/Incident: 75

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

☐ 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

05/02/2016
mm/dd/yyyy

Medical Certificate Limitations

None

Medical Certificate Special Issuance

None

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

02012016

mm/dd/yyyy

Flight Review Aircraft

Make: Cessna

Model: 170B

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	4490	1300	4370	119	202	60	249		122	
Pilot in Command (PIC)	4040	1250	4033	110	197	57	204		118	
Time as Instructor	2650	1200	2450	13					88	
This Make/Model										
Last 90 Days	33	12.5	33	0	0	0	1.7		0	
Last 30 Days	21	17	21	0	1.8	0	0		0	
Last 24 Hours	3.3	3.3	3.3	0	0	0	0		0	

"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: John

City of Residence: Chico

Middle Initial: _____

State: CA

ZIP: 95928

Last Name: Sprague

Country: USA

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
☐ Airplane Single-Engine ☐ Instrument Airplane
☐ Airplane Multi-Engine ☐ Instrument 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	44	43	43	0	2.3	0	2			
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			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; justify-content: space-between;"> <div> <input type="checkbox"/> None <input type="checkbox"/> Flight Instructor <input type="checkbox"/> Private <input type="checkbox"/> Recreational <input type="checkbox"/> Student <input type="checkbox"/> Sport </div> <div> <input type="checkbox"/> Commercial <input type="checkbox"/> US Military <input type="checkbox"/> Airline Transport <input type="checkbox"/> Foreign <input type="checkbox"/> Flight Engineer </div> </div>			Restraint Type: <div style="display: flex;"> <div style="flex: 1;"> 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="flex: 1;"> 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 <input type="checkbox"/> Not Installed <input type="checkbox"/> Installed <input type="checkbox"/> Not Deployed <input type="checkbox"/> Deployed <input type="checkbox"/> Unknown	
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; justify-content: space-between;"> <div> <input type="checkbox"/> None <input type="checkbox"/> Flight Instructor <input type="checkbox"/> Private <input type="checkbox"/> Recreational <input type="checkbox"/> Student <input type="checkbox"/> Sport </div> <div> <input type="checkbox"/> Commercial <input type="checkbox"/> US Military <input type="checkbox"/> Airline Transport <input type="checkbox"/> Foreign <input type="checkbox"/> Flight Engineer </div> </div>			Restraint Type: <div style="display: flex;"> <div style="flex: 1;"> 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="flex: 1;"> 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 <input type="checkbox"/> Not Installed <input type="checkbox"/> Installed <input type="checkbox"/> Not Deployed <input type="checkbox"/> Deployed <input type="checkbox"/> Unknown	
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	<div style="display: flex;"> <div style="flex: 1;"> 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="flex: 1;"> 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>	<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	<div style="display: flex;"> <div style="flex: 1;"> 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="flex: 1;"> 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>	<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	<div style="display: flex;"> <div style="flex: 1;"> 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="flex: 1;"> 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>	<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: <u>KCIC</u> City: <u>Chico</u> State: <u>CA</u> Country: <u>USA</u>		Time of Departure Time: <u>1835</u> Time Zone: <u>PST</u>		Destination Airport ID: <u>O41</u> City: <u>Woodland</u> State: <u>CA</u> Country: <u>USA</u>		Type Flight Plan Filed <input type="radio"/> None <input type="radio"/> VFR/IFR <input type="radio"/> Company VFR <input type="radio"/> IFR <input type="radio"/> Military VFR <input type="radio"/> Unknown <input checked="" type="radio"/> VFR Activated? <input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unknown
Type of ATC Clearance/Service (Check all that apply) <div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"><input type="checkbox"/> None</div> <div style="width: 33%;"><input type="checkbox"/> Special VFR</div> <div style="width: 33%;"><input type="checkbox"/> Special IFR</div> <div style="width: 33%;"><input checked="" type="checkbox"/> VFR Flight Following</div> <div style="width: 33%;"><input checked="" type="checkbox"/> Cruise</div> <div style="width: 33%;"><input checked="" type="checkbox"/> VFR</div> <div style="width: 33%;"><input type="checkbox"/> IFR</div> <div style="width: 33%;"><input type="checkbox"/> VFR On Top</div> <div style="width: 33%;"><input type="checkbox"/> Traffic Advisory</div> <div style="width: 33%;"><input type="checkbox"/> Unknown / NA</div> </div>						
Airspace where the accident/incident occurred (Check all that apply) <div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"><input type="checkbox"/> Class A</div> <div style="width: 33%;"><input type="checkbox"/> Class G</div> <div style="width: 33%;"><input type="checkbox"/> Military Operations Area (MOA)</div> <div style="width: 33%;"><input type="checkbox"/> Special</div> <div style="width: 33%;"><input type="checkbox"/> Class B</div> <div style="width: 33%;"><input type="checkbox"/> Demo Area</div> <div style="width: 33%;"><input type="checkbox"/> Airport Advisory Area</div> <div style="width: 33%;"><input type="checkbox"/> Air Traffic Control Area</div> <div style="width: 33%;"><input type="checkbox"/> Class C</div> <div style="width: 33%;"><input type="checkbox"/> Warning Area</div> <div style="width: 33%;"><input type="checkbox"/> Jet Training Area</div> <div style="width: 33%;"><input type="checkbox"/> Unknown</div> <div style="width: 33%;"><input type="checkbox"/> Class D</div> <div style="width: 33%;"><input type="checkbox"/> Prohibited Area</div> <div style="width: 33%;"><input type="checkbox"/> TRSA</div> <div style="width: 33%;"><input checked="" type="checkbox"/> Class E</div> <div style="width: 33%;"><input type="checkbox"/> Restricted Area</div> <div style="width: 33%;"><input type="checkbox"/> FAR 93</div> </div>					Altitude of In-Flight Occurrence: <u>3,500'</u> ft msl	
WEATHER INFORMATION AT THE ACCIDENT/INCIDENT SITE						
Source of Pilot Weather Information (Check all that apply) <input checked="" type="checkbox"/> National Weather Service <input checked="" type="checkbox"/> Flight Service Station <input type="checkbox"/> TV/Radio <input checked="" type="checkbox"/> Automated Report <input type="checkbox"/> Commercial Weather Service (DUATS) <input type="checkbox"/> On-Board Weather <input type="checkbox"/> Company <input type="checkbox"/> Military <input type="checkbox"/> Internet <input type="checkbox"/> None <input type="checkbox"/> Unknown			Weather Observation Facility Facility ID: <u>KCIC</u> Observation Time: <u>1830</u> Time Zone: <u>PST</u> Distance from Accident Site: <u>8</u> nm Direction from Accident Site: _____ degrees true			
Basic Conditions <input checked="" type="radio"/> VMC <input type="radio"/> IMC <input type="radio"/> Unknown		Light Condition <input type="radio"/> Dawn <input type="radio"/> Dusk <input checked="" type="radio"/> Dark Night <input type="radio"/> Unknown <input type="radio"/> Day <input type="radio"/> Night <input type="radio"/> Bright Night				
Sky/Lowest Cloud Condition <input checked="" type="radio"/> Clear <input type="radio"/> Thin Broken <input type="radio"/> Few <input type="radio"/> Thin Overcast <input type="radio"/> Partial Obscuration <input type="radio"/> Unknown <input type="radio"/> Scattered Lowest Cloud Condition Height _____ ft agl		Ceiling <input checked="" type="radio"/> None (Clear) <input type="radio"/> Obscured <input type="radio"/> Broken <input type="radio"/> Indefinite <input type="radio"/> Overcast <input type="radio"/> Unknown Ceiling Height _____ ft agl		Temperature: <u>12</u> (C) or _____ (F) Dew Point: <u>8</u> (C) or _____ (F) Altimeter Setting: <u>30.20</u> in. Hg or _____ MB		
Wind Direction <input type="checkbox"/> Variable -or- Direction: <u>320</u> degrees true	Wind Speed <input type="checkbox"/> Calm <input type="checkbox"/> Light and Variable -or- Speed: <u>4</u> kts	Wind Gusts <input checked="" type="checkbox"/> Not Gusting -or- Speed: _____ kts	Visibility _____ miles RVR: _____ feet RVV: _____ miles Density Altitude: <u>Sea Level</u> ft			
Intensity of Precipitation <input type="radio"/> Light <input type="radio"/> Moderate <input type="radio"/> Heavy <input type="radio"/> N/A <input type="radio"/> Unknown		Type of Precipitation (Check all that apply) <input checked="" type="checkbox"/> None <input type="checkbox"/> Drizzle <input type="checkbox"/> Freezing Rain <input type="checkbox"/> Rain <input type="checkbox"/> Ice Pellets <input type="checkbox"/> Snow Shower <input type="checkbox"/> Snow <input type="checkbox"/> Snow Pellets <input type="checkbox"/> Ice Pellets Shower <input type="checkbox"/> Hail <input type="checkbox"/> Snow Grains <input type="checkbox"/> Freezing Drizzle <input type="checkbox"/> Rain Showers <input type="checkbox"/> Ice Crystals		Restriction to Visibility (Check all that apply) <input checked="" type="checkbox"/> None <input type="checkbox"/> Fog <input type="checkbox"/> Blowing Dust <input type="checkbox"/> Ground Fog <input type="checkbox"/> Blowing Sand <input type="checkbox"/> Haze <input type="checkbox"/> Blowing Snow <input type="checkbox"/> Ice Fog <input type="checkbox"/> Blowing Spray <input type="checkbox"/> Smoke <input type="checkbox"/> Dust <input type="checkbox"/> Unknown		
Icing Forecast <div style="display: flex;"> <div style="flex: 1;"> Amount <input checked="" type="radio"/> None <input type="radio"/> Trace <input type="radio"/> Light <input type="radio"/> Moderate <input type="radio"/> Severe <input type="radio"/> Unknown </div> <div style="flex: 1;"> Type <input type="radio"/> N/A <input type="radio"/> Rime <input type="radio"/> Clear <input type="radio"/> Mixed <input type="radio"/> Unknown </div> </div>		Icing Actual <div style="display: flex;"> <div style="flex: 1;"> Amount <input checked="" type="radio"/> None <input type="radio"/> Trace <input type="radio"/> Light <input type="radio"/> Moderate <input type="radio"/> Severe <input type="radio"/> Unknown </div> <div style="flex: 1;"> Type <input type="radio"/> N/A <input type="radio"/> Rime <input type="radio"/> Clear <input type="radio"/> Mixed <input type="radio"/> Unknown </div> </div>		Turbulence Type (Check all that apply) <input checked="" type="checkbox"/> None <input type="checkbox"/> Clear Air <input type="checkbox"/> Terrain-Induced <input type="checkbox"/> Convective Turbulence Severity <input type="checkbox"/> Light <input type="checkbox"/> Moderate <input type="checkbox"/> Severe <input type="checkbox"/> Extreme		
NOTAMs (D and FDC), AIRMETs, SIGMETs, PIREPs in effect at the time of the accident/incident: None as it pertained to this night flight to O41						

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)*

Due to the BIRD STRIKE (Tundra Bean Goose) the Windscreen was shattered with over 80% of the plexiglass gone. According to the A & P/I-A at Northgate Aviation (KCIC's FBO), both the Windscreen and Glideslope Antenna was badly damaged or destroyed. In addition, as yet to be determine whether the Propeller was damaged in this "INCIDENT". The sun visors & interior plastic panels shows damages, especially in the AFT portion of the cabin. Blood stains were everywhere and unfortunately the FBO had it mostly cleaned up before the following morning.....only residues are seen in some areas where the blood was imbedded in the broken panels especially under the rear windows (above the baggage compartment).

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.

At 1835 PST my student pilot and I were to undertake the last portion of his night flying training, completing his +3 hours of night along with the 10 landings at night. Our goal was to do a Night X-C to O41, over 55 NM south of KCIC, our departing airport. TWR cleared us for departure and requested depart via a Right Downwind Departure and then On-Course. The student pilot was performing all of the functions as PIC, his CFI was along on this flight as his backup and to perform all the radio and transponder frequency changes.

Once we cleared Class Delta of KCIC, We switched frequency to 122.6 to open the VFR Flight Plan and finally switched radio frequency again to NorCal Approach on 125.4, who gave us a Squawk Code.....and now seeing that we were LEVEL at 3,500', approximately 8/10 miles South of Chico, I simultaneously heard a bang, boom, crashing sound, commencing from outside of my headset and felt the sudden changes of Temperature, Wind, & Pressure against my body. For only that split moment I also felt pain in my upper chest (when I discovered only later) that sharp pieces of broken plexiglass had puncture my skin at the time of the explosive impact.

It took me more than several seconds to realize that something has hit our airplane, that we were still in flight and mostly level, with the Student Pilot still in control, even though I saw the darkness of blood as it was shining onto his forehead from the Red Overhead Dome light. Again, later, what I saw the the after-effects of the Goose blood that had splattered deeply in a streak across his forehead and going back laterally towards the side of his head, just above his ear. Regardless, at this point the airplane and the Student Pilot were both still intact (RPM, Airspeed, Altitude, VSI, Oil Pressure and Temp) and as it should be.

By this time I saw the student pilot did not have his headset any longer and that the wind within the cabin was now at a level we could not communicate to each other, other than with hand signals and for me to change the codes to 7700, make a 180 turn, and recontact the TWR.

By 1850 PST, we were headed back to the Airport, and I was finally able to talk to the TWR through my mike that was totally being distorted by the open cockpit. "9678-Quebec has an emergency and return.....I think we had a Bird Strike; two individuals aboard and my student pilot seems to have lacerations above and around his forehead. Aircraft seems stable. Request medical assistance." From Startup to Shutdown, the entire incident unfolded within this 0.5 hrs as recorded on the Hobbs. This entire, abbreviate X-C flight was totally handled by the Student Pilot, even though he had lacerations on his forehead and that he could not communicate with me nor the outside world. Once we landed, the EMT and fire trucks mets us at the Ramp, next to the FBO--Northgate. We were checked out by the EMT, and I mentioned to the Student Pilot that he needed to close Our Flight Plan with FSS.

We were lucky as the fragments of the Goose skimmed the right temple of My Student Pilot which also quickly and suddenly removing his headset. Other than the broken plexiglass that caused puncture wounds on his head and neck, all I had was only one moderately deep wound to my chest. Several millimeters either side of US and the Goose could have produce an outcome much different than as it did. It ended well and we both learned another lesson or two about RISK Management, about the migratory season, and that it will be much safer to do such training in any other season, but NOW.....and through winter.

RECOMMENDATION (How could this accident/incident have been prevented?)													
<p>Operator/Owner Safety Recommendation</p> <p>FAA requires night flight training for the Private Pilot rating. It would be safe to say that once Duck Season commences, Night X-C flight should be postponed to spring. Also, possibly flying on a windy night could have kept the Birds closer to the ground, but from my subsequent research since this incident, this is not a guarantee either.</p>													
MECHANICAL MALFUNCTION/FAILURE (If more space is needed, continue on separate sheet)													
<p>Was there Mechanical Malfunction/Failure? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>(If yes, list the name of the part, manufacturer, part no., serial no., and describe the failure.)</i></p>	<p>Total Time/Cycles On Part</p> <p>_____ Hours</p> <p>_____ Cycles</p> <hr/> <p>Time Since This Part Inspected/Overhauled</p> <p>_____ Hours</p>												
FUEL & SERVICES INFORMATION													
<p>Fuel on Board at Last Takeoff <i>(Convert from pounds, as necessary)</i></p> <p>38 _____ Gallons</p>	<p>Fuel Type</p> <table style="width: 100%;"> <tr> <td><input checked="" type="radio"/> 80/87</td> <td><input type="radio"/> 115/145</td> <td><input type="radio"/> Jet B</td> <td><input type="radio"/> Other, specify _____</td> </tr> <tr> <td><input type="radio"/> 100 Low Lead</td> <td><input type="radio"/> Jet A</td> <td><input type="radio"/> JP8</td> <td></td> </tr> <tr> <td><input type="radio"/> 100/130</td> <td><input type="radio"/> Jet A-1</td> <td><input type="radio"/> Automotive</td> <td></td> </tr> </table>	<input checked="" type="radio"/> 80/87	<input type="radio"/> 115/145	<input type="radio"/> Jet B	<input type="radio"/> Other, specify _____	<input type="radio"/> 100 Low Lead	<input type="radio"/> Jet A	<input type="radio"/> JP8		<input type="radio"/> 100/130	<input type="radio"/> Jet A-1	<input type="radio"/> Automotive	
<input checked="" type="radio"/> 80/87	<input type="radio"/> 115/145	<input type="radio"/> Jet B	<input type="radio"/> Other, specify _____										
<input type="radio"/> 100 Low Lead	<input type="radio"/> Jet A	<input type="radio"/> JP8											
<input type="radio"/> 100/130	<input type="radio"/> Jet A-1	<input type="radio"/> Automotive											
<p>Other Services, if Any, Prior to Departure</p>													
EVACUATION OF AIRCRAFT													
<p>Was an emergency evacuation of the aircraft performed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Method of Exit – Describe how the occupants exited and how many occupants evacuated each location</p>													
OTHER AIRCRAFT – COLLISION (If air or ground collision occurred, complete this section for other aircraft)													
<p>Aircraft Registration Number</p> <p>_____</p>	<p>Manufacturer: _____</p> <p>Model: _____</p>	<p>Damage to Other Aircraft</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> Destroyed</td> <td><input type="checkbox"/> Minor</td> </tr> <tr> <td><input type="checkbox"/> Substantial</td> <td><input type="checkbox"/> None</td> </tr> </table>	<input type="checkbox"/> Destroyed	<input type="checkbox"/> Minor	<input type="checkbox"/> Substantial	<input type="checkbox"/> None							
<input type="checkbox"/> Destroyed	<input type="checkbox"/> Minor												
<input type="checkbox"/> Substantial	<input type="checkbox"/> None												
<p>Registered Owner of Other Aircraft</p> <p>Name: _____</p> <p>City: _____</p> <p>State: _____ ZIP: _____</p> <p>Country: _____</p>	<p>Pilot of Other Aircraft</p> <p>Name: _____</p> <p>City: _____</p> <p>State: _____ ZIP: _____</p> <p>Country: _____</p>												

ADDITIONAL INFORMATION (Please type or print in ink)

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

No conclusion about how to avoid Bird Strike while flying at NIGHT. It is just that this CFI need to think about an alternative season, knowing what he knows and had personally witnessed.

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

Date of this Report

11/21/2017

mm/dd/yyyy

Name of Pilot/Operator: Garrick B. Lee

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.
GAA18CA048

Reviewed by NTSB Regional Office
GAA

Name of Investigator
JACKIE VANOVER

Date Report Received
11/21/2017