

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: Arbroville State: CA
 ZIP: 95912 Country: USA
 Latitude: 38.976986 Longitude: 122.102908
 (Enter in decimal degrees or degrees:minutes:seconds)

Accident/Incident Date/Time

Date: 07/22/2017 Local Time: 8:40 AM
 mm/dd/yyyy Time Zone: Pacific

Collision with Other Aircraft: ☐ Midair ☐ On-ground ☐ None
N/A

AIRCRAFT INFORMATION

Registration Number: N42143

Manufacturer: Cessna

Model: 182L

Serial Number: 58872

Year of Manufacture: 19

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

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

Maximum Gross Weight: 2800 lbs

Weight at Time of Accident/Incident: 2641.2 lbs

Number of Seats: 4 Flight Crew Seats: _____

Cabin Crew Seats: 2 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 ☐ Restricted
☐ Aerobatic ☐ Limited
☐ Balloon ☐ Provisional
☐ Commuter ☐ Special Flight
☐ Transport ☐ Experimental
☐ Utility ☐ Special Light-Sport
☐ Experimental Light-Sport
☐ Certificate of Authorization or Waiver (COA)
☐ None ☐ Unknown

Landing Gear

- (Check all that apply)
☐ Retractable
☒ Tricycle ☐ Tailwheel
☐ Amphibian ☐ High Skid
☐ Emergency Float ☐ Skid
☐ Float ☐ Ski
☐ Hull ☐ Ski/Wheel
☐ Other Launch/Recovery System
☐ None ☐ Unknown

Engine Type (Select one)

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

Fuel System Type (Reciprocating)

- ☒ Carburetor ☐ Fuel-Injected

Engine	Engine Manufacturer	Engine Model/Serial	Manufacturer's Serial Number	Date of Mfg. mm/dd/yyyy	Rated Power ☒ Horsepower or ☐ lbs of Thrust	Total Time (hours)	Time Since: Inspection (hours) Overhaul (hours)
Eng. 1	Continental	O-470-R	237932-R		230 HP		16 1357
Eng. 2							
Eng. 3							
Eng. 4							

Last Inspection Type

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

Date Last Inspection: 02/07/2017
 mm/dd/yyyy

Airframe Total Time: 6216 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: 1 Hand Fire Extinguisher

Propeller 1

- ☐ Fixed Pitch
☒ Controllable Pitch
☐ Ground Adjustable

Manufacturer: McCaughey

Model: 2A34C66

Propeller 2

- ☐ Fixed Pitch
☐ Controllable Pitch
☐ Ground Adjustable

Manufacturer: _____

Model: _____

ELT Installed: ☒ Yes ☐ No

If Yes:

ELT Manufacturer: ACK 7/97

Model or Part No.: E-01

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

Was ELT still mounted in aircraft? ☒ Yes ☐ No

Was ELT still connected to antenna? ☒ Yes ☐ No

Did ELT Activate? ☒ Yes ☐ No

If activated:

Did ELT Aid in Locating Aircraft: ☐ Yes ☒ No

If not activated:

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

Additional Equipment (Check all that apply)

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

OWNER/OPERATOR INFORMATION			
Registered Aircraft Owner Name: <u>Thomas C. Geyer</u> <u>Thomas C. Muma</u> <u>Ralph W. Dulles</u>		City: <u>Arbockle</u> State: <u>CA</u> ZIP: <u>95912</u>	
Fractional Ownership Aircraft: ☒ Yes ☐ No		Country: <u>USA</u>	
Operator of Aircraft ☒ Same As Registered Owner		☒ Same Address as Registered Owner	
Name: _____		City: _____	
Doing Business As: <u>N/A</u>		State: _____ ZIP: _____	
Air Carrier/Operator Designator (4 Character Code): <u>N/A</u>		Country: _____	
Operating Certificates Held <i>(Check all that apply)</i> ☒ 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 <i>(Select one for each group)</i> ☐ Scheduled or Commuter ☐ Non-Scheduled or Air Taxi ☐ Domestic ☐ International <u>N/A</u>	
Revenue Sightseeing Flight ☐ Yes ☒ No		Air Medical Flight ☐ Yes ☒ 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: <u>Colusa Ranch Airport</u> Airport Identifier: <u>00B</u>		Distance From Airport Center: <u>1250 ft</u> Direction From Airport: <u>East End of Runway</u> degrees true <u>075°</u> Airport Elevation: <u>300</u> ft. msl	
Proximity to Airport: ☒ Off Airport/Airstrip ☐ On Airport/Airstrip ☐ ON/A Departure Pt Strip, <u>14 miles</u> <u>183°</u> from Colusa		Condition of Runway/Landing Surface <i>(Check all that apply)</i>	
Runway Information <u>Airstrip owner KALSBECK</u> Runway ID: <u>Pvt</u> (L/R/C) Length: <u>2500</u> ft Width: <u>50</u> ft		☒ Dry ☐ Holes ☐ Ice Covered ☐ Rough ☐ Rubber Deposits ☐ Slush-Covered ☐ Snow-Compacted ☐ Snow-Crusted ☐ Snow-Dry ☐ Snow-Wet ☐ Soft ☐ Vegetation ☐ Water-Calm ☐ Water-Choppy ☐ Water-Glassy ☐ Wet ☐ Unknown	
Runway/Landing Surface <i>(Check all that apply)</i> ☐ Asphalt ☐ Concrete ☒ Dirt ☐ Grass/Turf ☒ Gravel ☐ Ice ☐ Macadam ☐ Metal/Wood ☐ Snow ☐ Water ☐ Unknown			
Approach/Departure Segment <i>(Select one)</i> ☐ Taxi ☒ Initial Climb ☒ VFR Departure ☐ IFR Departure Procedure/Clearance ☐ On Instrument Approach ☐ Landing ☐ Downwind ☐ Base ☐ Final ☐ Crosswind ☐ Low Approach ☐ Go Around ☐ Aborted Landing (after touchdown) ☐ Unknown			
IFR Approach <i>(Check all that apply)</i> ☒ None ☐ ADF/NDP ☐ PAR ☐ MLS ☐ Practice ☐ SDF ☐ Sidestep ☐ LDA ☐ GPS ☐ VOR/TVOR ☐ ILS ☐ ASR ☐ Visual ☐ VOR/DME ☐ Localizer Only ☐ Contact ☐ Circling ☐ TACAN ☐ LOC-back course ☐ RNAV ☐ Unknown		VFR Approach <i>(Check all that apply)</i> ☒ None ☐ Traffic Pattern ☐ Stop and Go ☐ Straight-In ☐ Touch and Go ☐ Valley/Terrain Following ☐ Simulated Forced Landing ☐ Go Around ☐ Forced Landing ☐ Full Stop ☐ Precautionary Landing ☐ Unknown	

"FLIGHT CREWMEMBER 1" INFORMATION

"Flight Crewmember 1" Responsibilities at the Time of Accident/Incident

☒ Pilot ☐ Co-Pilot ☐ Student Pilot ☐ Flight Instructor ☐ Check Pilot ☐ Flight Engineer ☐ Other Flight Crew

"Flight Crewmember 1" was pilot flying ☒ Yes ☐ No

"Flight Crewmember 1" Identification

First Name: THOMAS

City of Residence: Arbutuckle

Middle Initial: C

State: CA

ZIP: 95912

Last Name: GEYER

Country: USA

Age at time of Accident/Incident: 57

Date of Birth: 1960 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 FARMER
☐ Unknown

Medical Certificate

☐ None ☒ Class 3 BASIC Med
☐ 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

05/02/2017
mm/dd/yyyy

Medical Certificate Limitations

MUST WEAR GLASSES

Medical Certificate Special Issuance

Date of Last Flight Review
or Equivalent, Including
FAR 121/135 Checks: 04/29/2016
mm/dd/yyyy

Flight Review Aircraft

Make: Cessna
Model: 182L

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

Private Pilot
Single Engine Land
High Performance Check out

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	618.7	484.3	618.7		5.9		4.8			
Pilot in Command (PIC)	580.0	484.3	580.0		1.8					
Time as Instructor										
This Make/Model										
Last 90 Days	8.6	8.6	8.6							
Last 30 Days	8.0	8.0	8.0							
Last 24 Hours	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: _____				City of Residence: _____							
Middle Initial: _____				State: _____				ZIP: _____			
Last Name: _____				Country: _____							
Age at time of Accident/Incident: _____				Date of Birth: _____ mm/dd/yyyy							
Certificate Number: _____											
Degree of Injury ☐ None ☐ Fatal ☐ Minor ☐ Unknown ☐ Serious		Seat Occupied ☐ Left ☐ Front ☐ Unknown ☐ Right ☐ Rear ☐ Center ☐ Single		Restraint Type Available ☐ None ☐ Lap only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown Used ☐ None ☐ Lap only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown				Inflatable Restraints ☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown			
Pilot Certificate(s) (Check all that apply) ☐ None ☐ Flight Instructor ☐ Commercial ☐ US Military ☐ Private ☐ Recreational ☐ Airline Transport ☐ Foreign ☐ Student ☐ Sport ☐ Flight Engineer				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	
Principal Occupation ☐ Pilot ☐ Other ☐ Unknown											
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											
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: _____	☐ Left ☐ Front	☐ None
Middle Initial: _____	State: _____ ZIP: _____	☐ Center ☐ Rear	☐ Minor
Last Name: _____	Country: _____	☐ Right ☐ Single	☐ Serious
		☐ Unknown	☐ Fatal
			☐ Unknown
Pilot Certificate(s) (Check all that apply)		Restraint Type:	Inflatable Restraints
☐ None	☐ Flight Instructor	Available	Used
☐ Private	☐ Recreational	☐ None	☐ None
☐ Student	☐ Sport	☐ Lap Only	☐ Lap Only
	☐ Commercial	☐ 3-point	☐ 3-point
	☐ Airline Transport	☐ 4-point	☐ 4-point
	☐ Flight Engineer	☐ 5-point	☐ 5-point
	☐ US Military	☐ Unknown	☐ Unknown
	☐ Foreign		
Type Rating/Endorsement for Accident/Incident Aircraft? ☐ Yes ☐ No		Total Flight Time at the Time of this Accident/Incident: _____ hrs	

Crew Name and Address		Seat Occupied	Injury
First Name: _____	City of Residence: _____	☐ Left ☐ Front	☐ None
Middle Initial: _____	State: _____ ZIP: _____	☐ Center ☐ Rear	☐ Minor
Last Name: _____	Country: _____	☐ Right ☐ Single	☐ Serious
		☐ Unknown	☐ Fatal
			☐ Unknown
Pilot Certificate(s) (Check all that apply)		Restraint Type:	Inflatable Restraints
☐ None	☐ Flight Instructor	Available	Used
☐ Private	☐ Recreational	☐ None	☐ None
☐ Student	☐ Sport	☐ Lap Only	☐ Lap Only
	☐ Commercial	☐ 3-point	☐ 3-point
	☐ Airline Transport	☐ 4-point	☐ 4-point
	☐ Flight Engineer	☐ 5-point	☐ 5-point
	☐ US Military	☐ Unknown	☐ Unknown
	☐ Foreign		
Type Rating/Endorsement for Accident/Incident Aircraft? ☐ Yes ☐ No		Total Flight Time at the Time of this Accident/Incident: _____ hrs	

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

Name and Address	Seat	Injury	Restraint Type	Inflatable Restraints	Age
First Name: <u>Jeff</u> City: <u>Arlington</u>	☐ Left	☐ None	Available	Used	<u>64 yrs</u>
Middle Initial: _____ State: <u>CA</u> ZIP: <u>95412</u>	☐ Center	☐ Minor	☐ None	☐ None	
Last Name: <u>Chapman</u> Country: <u>USA</u>	☒ Right	☒ Serious	☐ Lap Only	☐ Lap Only	
☐ Crew ☒ Passenger ☐ Other	☐ Unknown	☐ Fatal	☐ 3-point	☐ 3-point	
	Row: _____	☐ Unknown	☒ 4-point	☒ 4-point	
			☐ 5-point	☐ 5-point	
			☐ Unknown	☐ Unknown	
				☒ Not Installed	☐ Under 5 years
				☐ Installed	☐ If Under 5,
				☐ Not Deployed	☐ Child Restraint
				☐ Deployed	☐ Lap-Held
				☐ Unknown	☐ Unknown
First Name: _____ City: _____	☐ Left	☐ None	Available	Used	
Middle Initial: _____ State: _____ ZIP: _____	☐ Center	☐ Minor	☐ None	☐ None	
Last Name: _____ Country: _____	☐ Right	☐ Serious	☐ Lap Only	☐ Lap Only	
☐ Crew ☐ Passenger ☐ Other	☐ Unknown	☐ Fatal	☐ 3-point	☐ 3-point	
	Row: _____	☐ Unknown	☐ 4-point	☐ 4-point	
			☐ 5-point	☐ 5-point	
			☐ Unknown	☐ Unknown	
				☐ Not Installed	☐ Under 5 years
				☐ Installed	☐ If Under 5,
				☐ Not Deployed	☐ Child Restraint
				☐ Deployed	☐ Lap-Held
				☐ Unknown	☐ Unknown
First Name: _____ City: _____	☐ Left	☐ None	Available	Used	
Middle Initial: _____ State: _____ ZIP: _____	☐ Center	☐ Minor	☐ None	☐ None	
Last Name: _____ Country: _____	☐ Right	☐ Serious	☐ Lap Only	☐ Lap Only	
☐ Crew ☐ Passenger ☐ Other	☐ Unknown	☐ Fatal	☐ 3-point	☐ 3-point	
	Row: _____	☐ Unknown	☐ 4-point	☐ 4-point	
			☐ 5-point	☐ 5-point	
			☐ Unknown	☐ Unknown	
				☐ Not Installed	☐ Under 5 years
				☐ Installed	☐ If Under 5,
				☐ Not Deployed	☐ Child Restraint
				☐ Deployed	☐ Lap-Held
				☐ Unknown	☐ Unknown
First Name: _____ City: _____	☐ Left	☐ None	Available	Used	
Middle Initial: _____ State: _____ ZIP: _____	☐ Center	☐ Minor	☐ None	☐ None	
Last Name: _____ Country: _____	☐ Right	☐ Serious	☐ Lap Only	☐ Lap Only	
☐ Crew ☐ Passenger ☐ Other	☐ Unknown	☐ Fatal	☐ 3-point	☐ 3-point	
	Row: _____	☐ Unknown	☐ 4-point	☐ 4-point	
			☐ 5-point	☐ 5-point	
			☐ Unknown	☐ Unknown	
				☐ Not Installed	☐ Under 5 years
				☐ Installed	☐ If Under 5,
				☐ Not Deployed	☐ Child Restraint
				☐ Deployed	☐ Lap-Held
				☐ Unknown	☐ Unknown

FLIGHT ITINERARY INFORMATION							
Last Departure Point Airport ID: <u>Private Strip</u> City: <u>Arbutuck</u> State: <u>CA 95</u> Country: <u>USA</u>		Time of Departure Time: <u>8:40 am</u> Time Zone: <u>Pacific</u>		Destination Airport ID: <u>008</u> City: <u>Colusa</u> State: <u>CA</u> Country: <u>USA</u>		Type Flight Plan Filed ☒ None ☐ VFR/IFR ☐ Company VFR ☐ IFR ☐ Military VFR ☐ Unknown ☒ WFR 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 B ☐ Class C ☐ Class D ☐ Class E ☒ Class G ☐ Demo Area ☐ Warning Area ☐ Prohibited Area ☐ Restricted Area ☐ Military Operations Area (MOA) ☐ Airport Advisory Area ☐ Jet Training Area ☐ TRSA ☐ FAR 93 ☐ Special ☐ Air Traffic Control Area ☐ Unknown Altitude of In-Flight Occurrence: _____ ft msl							
WEATHER INFORMATION AT THE ACCIDENT/INCIDENT SITE							
Source of Pilot Weather Information (Check all that apply) ☐ National Weather Service ☐ Flight Service Station ☒ TV/Radio ☐ Automated Report ☐ Commercial Weather Service (DUATS) ☐ On-Board Weather ☐ Company ☐ Military ☐ Internet ☐ None ☐ Unknown			Weather Observation Facility Facility ID: _____ Observation Time: _____ Time Zone: _____ Distance from Accident Site: _____ nm Direction from Accident Site: _____ 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 <u>75-80</u> (F) Dew Point: _____ (C) or _____ (F) Altimeter Setting: _____ in. Hg or _____ MB			
Wind Direction ☒ Variable <u>South to southeast</u> Direction: _____ degrees true		Wind Speed ☐ Calm ☒ Light and Variable Speed: _____ kts		Wind Gusts ☒ Not Gusting Speed: _____ kts			
Intensity of Precipitation ☐ Light ☐ Moderate ☐ Heavy ☐ N/A ☐ Unknown		Type of Precipitation (Check all that apply) ☒ None ☐ Rain ☐ Snow ☐ Hail ☐ Rain Showers ☐ Drizzle ☐ Ice Pellets ☐ Snow Pellets ☐ Snow Grains ☐ Ice Crystals ☐ Freezing Rain ☐ Snow Shower ☐ Ice Pellets Shower ☐ Freezing Drizzle		Restriction to Visibility (Check all that apply) ☐ None ☐ Blowing Dust ☐ Blowing Sand ☐ Blowing Snow ☐ Blowing Spray ☐ Dust ☐ Fog ☐ Ground Fog ☒ Haze ☐ Ice Fog ☐ Smoke ☐ Unknown			
Icing Forecast Amount ☐ None ☐ Trace ☐ Light ☐ Moderate ☐ Severe ☐ Unknown Type ☐ N/A ☐ Rime ☐ Clear ☐ Mixed ☒ Unknown		Icing Actual Amount ☒ None ☐ Trace ☐ Light ☐ Moderate ☐ Severe ☐ Unknown Type ☐ N/A ☐ Rime ☐ Clear ☐ Mixed ☐ Unknown		Turbulence Type (Check all that apply) ☒ None ☐ Clear Air ☐ Terrain-Induced ☐ Convective Turbulence Severity ☐ Light ☐ Moderate ☐ Severe ☐ Extreme			
NOTAMs (D and FDC), AIRMETs, SIGMETs, PIREPs in effect at the time of the accident/incident: 							

DAMAGE TO AIRCRAFT AND OTHER PROPERTY

Aircraft Damage

- ☐ None
☐ Minor
☒ Substantial
☐ Destroyed
☐ Unknown

Aircraft Fire

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

Aircraft Explosion

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

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

Tail mangled, Right wing strut bracket broken, Right wing dented & Bent
windscreen shattered, Left wing sever dent, Fuselage many dents, one prop blade bent

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.

Departure time approx 8:45 AM to the East

Planned 15 minute flight to Colusa County Airport from private strip in Arbuckle w/1 passenger. Pre flighted plane, GAS was ample for flight 67 gals. Added 1 qt oil to total of 9 qts. checked GAS for water/contamination All clear drained low system drain. checked prop for cracks or nicks, control surface mountings, Pitot tube clear, static vent clear. Added AIR to main tires. Passenger & I climbed in plane, helped him with his seat belts & secured his door, secured my door. Turned fuel valve to ON BOTH. Set trim to TAKEOFF trim position. Primed & started engine, checked oil press. Let engine run at medium RPM, Turned on NAV lights & AURALICS. Set directional gyro. Set ALTimeter. Ran up engine to 1700 RPM, L & R MAG check no drop difference. checked carb heat verified cowl flaps open. Cycled prop 3 times checked alternator. Tilled engine checked engine pressure & temp. SET flaps to 30°. checked fuel valve then advanced throttle and when straight with runway advanced to Full Throttle ~~and~~ ground Run scanned Routine plane left the runway as normal I kept the plane low to gain Airspeed as usual. When I Rotated to climb @ 60 mph, plane started to climb a few feet then started to settle back down. I held the elevator forward to keep the airspeed up and began another Rotation but could see it wasn't going to clear the trees at the end of the runway so I cut the throttle to land. My flare was late and the plane porposed so brakes were ineffective. I could see we were not going to stop by the end of the runway so I aimed the plane between 2 rows of trees and left of a deep ditch. Plane ended up between the trees and the plane ended upright on the wheels. Plane stayed nearly intact except for the left elevator came off at the first tree. Plane rested 4 Trees into the orchard Tail completely mangled

Passenger & I Exited the left door, Passenger had a laceration on his finger I had no injuries

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

Operator/Owner Safety Recommendation

I know I looked at the flaps coming down when I set them, but I don't know if I actually saw them both stop. I think the left flap deployed further and probably to 40°, that is where it was after the accident. I should have paid special attention to the final position of both sides.

Also, when trying to land, in my excitement and trying to get the plane down to stop, I was not smooth in the flare phase & caused the plane to porpoise on what was left of the runway.

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.)

Possibly left flap extended to full flap when set to 20°

Total Time/Cycles
On Part6232 Hours
CyclesTime Since This Part
Inspected/Overhauled16 Hours
@ annual**FUEL & SERVICES INFORMATION**

Fuel on Board at Last Takeoff

(Convert from pounds, as necessary)

67 gals

Gallons

Fuel Type

☐ 80/87☒ 100 Low Lead☐ 100/130☐ 115/145☐ Jet A☐ Jet A-1☐ Jet B☐ JP8☐ Automotive☐ Other, specify _____

Other Services, if Any, Prior to Departure

EVACUATION OF AIRCRAFTWas an emergency evacuation of the aircraft performed? ☒ Yes ☐ No

Method of Exit - Describe how the occupants exited and how many occupants evacuated each location

Pilot & Passenger Exited through pilot's door way

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

Name:

City:

State:

ZIP:

Country:

Pilot of Other Aircraft

Name:

City:

State:

ZIP:

Country:

ADDITIONAL INFORMATION (Please type or print in ink)

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

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

Date of this Report

7/30/2017
mm/dd/yyyy

Name of Pilot/Operator:

THOMAS C. GEYER

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.

WPR17LA160

Reviewed by NTSB Regional Office

WPR

Name of Investigator

Josh Cawthra

Date Report Received

7/30/17