

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

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

BASIC INFORMATION

Accident/Incident Location

Nearest City/Place: Arcadia State: NY
 ZIP: 14489 Country: USA
 Latitude: 43°07'39"N (dd:mm:ss N/S) Longitude: 77°02'47"W (ddd:mm:ss E/W)

Date/Time

Date: 05/04/2013 Local Time: 8:00 am
 mm/dd/yyyy Time Zone: EST

Phase of Operation

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

Collision with Other Aircraft

☐ Midair
☐ On-ground
☒ None

Altitude of In-Flight Occurrence

_____ ft MSL

AIRCRAFT INFORMATION

Manufacturer: Cessna

Model: 182G

Serial Number: 18255343

Registration Number: N2143R

Amateur-built: ☐ Yes ☒ No

Max Gross Weight: 2,800 lbs

Weight at Time of Accident/Incident: 2,203 lbs

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

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

Category of Aircraft

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

Type of Airworthiness Certificate (Check all that apply)

Standard
☒ Normal
☐ Utility
☐ Acrobatic
☐ Transport

Special

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

Number of Seats: 4

If Large Aircraft, how many seats for:

Flight Crew: _____

Cabin Crew: _____

Passengers: _____

Landing Gear ☐ Retractable

Check any additional landing gear configuration that applies:

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

Type of Maintenance Program

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

Last Inspection Type

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

Date Last Inspection: 08/16/2012

mm/dd/yyyy

Airframe Total Time: 1,899 hrs

hours measured at (check one)

☒ Last Inspection ☐ Time of Accident/Incident

IFR Equipped

☐ Yes ☒ No ☐ Unknown

Stall Warning System Installed

☒ Yes ☐ No ☐ Unknown

Type of Fire Extinguishing System

☒ None
☐ Specify _____

ELT Installed

☒ Yes ☐ No

ELT Activated

☐ Yes ☒ No

ELT Manufacturer: _____

Model/Series: _____

Serial Number: _____

Battery Type: _____

Battery Exp. Date: _____

Engine Type

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

Reciprocating Fuel System Type

☒ Carburetor
☐ Fuel Injected

Propeller

☐ Fixed Pitch
☒ Controllable Pitch

Manufacturer: McCauley

Model: c50

Engine	Engine Manufacturer	Engine Model/Series	Manufacturer's Serial Number	Date of Mfg. mm/dd/yyyy	Engine Rated Power Measured as (check one) ☒ Horsepower or ☐ lbs of Thrust	Total Time (hours)	Time Since Inspection (hours)	Time Since Overhaul (hours)
Eng 1	Continental	O-470-R	96569-5-R-R	04/06/1965	230	1,899	16	16
Eng 2								
Eng 3								
Eng 4								

OWNER/OPERATOR INFORMATION		
Registered Aircraft Owner Name: <u>Earl Martin</u> Fractional Ownership Aircraft: ☐ Yes ☒ No		Owner Address City: <u>Seneca Falls</u> State: <u>Ny</u> ZIP: <u>13148</u> Country: <u>USA</u>
Operator of Aircraft ☒ Same As Registered Owner Name: <u>Earl Martin</u> Doing Business As: _____ Air Carrier/Operator Designator (4 Character Code): _____		Operator Address ☒ Same As Registered Owner City: <u>Seneca Falls</u> State: <u>NY</u> ZIP: <u>13148</u> Country: <u>USA</u>
Regulation Flight Conducted Under ☒ FAR 91 ☐ FAR 129 ☐ FAR 91 Special Flight ☐ Public Use (select type) ☐ FAR 103 ☐ FAR 133 ☐ Non-US, Commercial ☐ Federal ☐ State ☐ Local ☐ FAR 121 ☐ FAR 135 ☐ Non-US, Non-commercial ☐ Unknown ☐ FAR 125 ☐ FAR 137 ☐ Armed Forces		Revenue Sightseeing Flight ☐ Yes ☒ No Air Medical Flight ☐ Yes ☒ No
Purpose of Flight for FAR 91, 103, 133, 137 (Select one) ☐ Personal ☐ Business ☐ Executive/Corporate ☐ Other Work Use ☐ Instructional ☐ Ferry ☒ Positioning ☐ Aerial Application ☐ Aerial Observation ☐ Air Drop ☐ Air Race / Show ☐ Flight Test ☐ Public Use ☐ Unknown	Revenue Operation for FAR 121, 125, 129, 135 (Select one) ☐ Scheduled or Commuter ☐ Non-Scheduled or Air Taxi Domestic or International ☐ Domestic ☐ International Cargo Operation ☐ Passenger/Cargo ☐ Passenger _____ How many? ☐ Cargo _____ lbs ☐ Mail	Type of Commercial Operating Certificate Held (Check all that apply) ☐ None ☐ Flag Carrier Operating Certificate (121) ☐ Supplemental ☐ Air Cargo ☐ Foreign Air Carriers (129) ☐ Commuter Air Carrier (135) ☐ On-Demand Air Taxi (135) ☐ Large Helicopter (127) ☐ Rotorcraft External Load (133) - or - ☐ Agricultural Aircraft (137) ☐ Other Operator of Large Aircraft
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 First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____		
Pilot of Other Aircraft First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____		
MECHANICAL MALFUNCTION/FAILURE (If more space is needed, continue on separate sheet)		
Was there Mechanical Malfunction/Failure? ☐ Yes ☒ No ☐ Unknown (If yes, list the name of the part, manufacturer, part no., serial no., and describe the failure.)		Total Time/Cycles On Part _____ Hours _____ Cycles Time Since This Part Inspected/Overhauled _____ Hours
DAMAGE TO AIRCRAFT AND OTHER PROPERTY		
Aircraft Damage ☐ None ☒ Substantial ☐ Minor ☐ Destroyed	Aircraft Fire ☒ None ☐ Both Ground and In-Flight ☐ In-Flight ☐ Unknown Origin ☐ On-Ground	Aircraft Explosion ☒ None ☐ Both Ground and In-Flight ☐ In-Flight ☐ Unknown Origin ☐ On-Ground

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

Right wing damaged by impact with pole. Left wing damaged with impact to the ground. Undercarriage damaged from sliding sideways on the ground. Prop damage from striking the ground. Most of the glass is broken. Skin is buckled in various places. Other property has not been damaged.

AIRPORT INFORMATION (if the accident/incident occurred on approach, takeoff or within 3 miles of an airport, complete this section)Airport Identifier: Private airport No identifierDistance From Airport Center: 0 SMAirport Name: Private airport No nameDirection From Airport: 360 degrees MAGProximity to Airport ☐ Off Airport/Airstrip ☒ On Airport ☐ On AirstripAirport Elevation: 490 ft. MSL**Approach Segment** (Select one)

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

IFR Approach (Check all that apply)

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

VFR Approach (Check all that apply)

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

Runway InformationRunway ID: private n/a (L/R/C) Length: 2,800 ft Width: 75 ft**Runway/Landing Surface** (Check all that apply)

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

Condition of Runway/Landing Surface (Check all that apply)

☐ Dry ☐ Snow-Compacted ☐ Water-Calm
☐ Holes ☐ Snow-Crusted ☐ Water-Choppy
☐ Ice Covered ☐ Snow-Dry ☐ Water-Glassy
☐ Rough ☐ Snow-Wet ☒ Wet
☐ Rubber Deposits ☐ Soft ☐ Unknown
☐ Slush Covered ☐ Vegetation

FLIGHT ITINERARY INFORMATION**Last Departure Point**Airport ID: OG7City: Seneca FallsState: NYCountry: USA**Time of Departure**Time: 7:30 amTime Zone: EST**Destination**Airport ID: Private stripCity: ArcadiaState: NyCountry: USA**Type Flight Plan Filed**

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

Type of ATC Clearance/Service (Check all that apply)

☒ None ☐ Special VFR ☐ Special IFR ☐ VFR Flight Following ☐ Cruise
☐ VFR ☐ IFR ☐ VFR On Top ☐ Traffic Advisory ☐ Unknown / NA

Airspace where the accident/incident occurred (Check all that apply)

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

Aircraft Load Description (Check all that apply)

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

FUEL & SERVICES INFORMATION**Fuel on Board at Last Takeoff**

(convert from pounds, as necessary)

56 Gallons**Fuel Type**

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

Other Services, if Any, Prior to Departure

EVACUATION OF AIRCRAFT

Was an emergency evacuation of the aircraft performed? ☐ Yes ☐ No

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

WEATHER INFORMATION AT THE ACCIDENT/INCIDENT SITE**Weather Observation Facility**

Facility ID: _____

Observation Time: _____

Time Zone: _____

Distance from Accident Site: _____ NM

Direction from Accident Site: _____ degrees MAG

Source of Weather Information

(Check all that apply)

- ☐ National Weather Service
☐ Flight Service Station
☐ TV/Radio
☒ Automated Report
☐ Commercial Weather Service (DUATS)
☐ Company
☐ Military
☐ Internet
☐ Unknown

Method of Briefing

(Check all that apply)

- ☐ In Person
☐ Teletype
☐ Telephone/Computer
☒ Aircraft Radio
☐ TV/Radio
☐ Unknown

Briefing Type/Completeness

- ☒ Full
☐ Partial / Limited By Pilot
☐ Partial / Limited By Briefer
☐ Abbreviated
☐ Unknown
☐ Not Pertinent

Light Condition

- ☐ Dawn
☐ Day
☐ Dusk
☐ Night
☐ Dark Night
☐ Bright Night
☐ Not Reported

Visibility

_____ miles

Sky/Lowest Cloud Condition

- ☐ Clear
☐ Few
☐ Partial Obscuration
☐ Scattered
☐ Thin Broken
☐ Thin Overcast
☐ Unknown

Ceiling

- ☐ None (clear)
☐ Broken
☐ Overcast
☐ Obscured
☐ Indefinite
☐ Unknown

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

Lowest Cloud Condition Height

_____ ft AGL

Ceiling Height

_____ ft AGL

Wind Direction

☐ Indicated:
 _____ 160 degrees MAG

☐ Variable

Wind Speed

Velocity: _____ 5 KTS

-or-

- ☐ Calm
☐ Light and Variable

Wind Gusts

Velocity: _____ 0 KTS

- ☐ Gusting
☒ Not Gusting

Type of Turbulence (Check all that apply)

- ☒ None
☒ Clear Air
☐ In Clouds
☐ Vicinity of Thunderstorm

Severity of Turbulence

- ☐ Extreme
☐ Severe
☐ Moderate
☐ Moderate Chop
☐ Light

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

Temperature: _____ (C)
 or _____ (F)

Altimeter Setting: _____ in. HG
 or _____ MB

Density Altitude: _____ ft

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

Icing Forecast**Amount**

- ☐ None
☐ Trace
☐ Light
☐ Moderate
☐ Severe

Type

- ☐ Rime
☐ Clear
☐ Mixed

Icing Actual**Amount**

- ☐ None
☐ Trace
☐ Light
☐ Moderate
☐ Severe

Type

- ☐ Rime
☐ Clear
☐ Mixed

Type of Precipitation (Check all that apply)

- ☐ None
☐ Rain
☐ Snow
☐ Hail
☐ Rain Showers
☐ Freezing Rain
☐ Snow Shower
☐ Drizzle
☐ Ice Pellets
☐ Snow Pellets
☐ Snow Grains
☐ Ice Crystals
☐ Ice Pellets Shower
☐ Freezing Drizzle

Intensity of Precipitation

- ☐ Light
☐ Moderate
☐ Heavy

PILOT "A" INFORMATION																																																																																																				
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Pilot "A" Identification First Name: <u>Earl</u> City: <u>Seneca Falls</u> Middle Initial: _____ State: <u>NY</u> ZIP: <u>13148</u> Last Name: <u>Martin</u> Country: <u>USA</u> Age at time of Accident/Incident: <u>34</u> Date of Birth: <u>01/14/</u> Certificate Number: <u> </u> + mm/dd/yyyy																																																																																																				
Degree of Injury ☒ None ☐ Fatal ☐ Minor ☐ Unknown ☐ Serious		Seat Occupied ☒ Left ☒ Front ☐ Unknown ☐ Right ☐ Rear ☐ Center ☐ Single		Seat Belt Used ☒ Yes ☐ No Available ☒ Yes ☐ No		Shoulder Harness Used ☐ Yes ☒ No Available ☐ Yes ☒ No																																																																																														
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Airplane Rating(s) <i>(Check all that apply)</i> ☐ None ☒ Single-Engine Land ☐ Single-Engine Sea ☐ Multiengine Land ☐ Multiengine Sea		Other Aircraft Rating(s) <i>(Check all that apply)</i> ☒ None ☐ Airship ☐ Free Balloon ☐ Glider ☐ Gyroplane ☐ Helicopter ☐ Powered Lift		Instrument Rating(s) <i>(Check all that apply)</i> ☒ None ☐ Airplane ☐ Helicopter ☐ Powered Lift		Instructor Rating(s) <i>(Check all that apply)</i> ☒ None ☐ Airplane Single-Engine ☐ Airplane Multi-Engine ☐ Gyroplane ☐ Powered Lift ☐ Instrument Airplane ☐ Instrument Helicopter ☐ Helicopter ☐ Glider ☐ Sport																																																																																														
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PILOT "B" INFORMATION																																																																																																				
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Airplane Rating(s) <i>(Check all that apply)</i> ☐ None ☐ Single-Engine Land ☐ Single-Engine Sea ☐ Multiengine Land ☐ Multiengine Sea		Other Aircraft Rating(s) <i>(Check all that apply)</i> ☐ None ☐ Airship ☐ Free Balloon ☐ Glider ☐ Gyroplane ☐ Helicopter ☐ Powered Lift		Instrument Rating(s) <i>(Check all that apply)</i> ☐ None ☐ Airplane ☐ Helicopter ☐ Powered Lift		Instructor Rating(s) <i>(Check all that apply)</i> ☐ None ☐ Airplane Single-Engine ☐ Airplane Multi-Engine ☐ Gyroplane ☐ Powered Lift ☐ Instrument Airplane ☐ Instrument Helicopter ☐ Helicopter ☐ Glider ☐ Sport																																																																																														
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ADDITIONAL FLIGHT CREW MEMBERS (Exclusive of cabin attendants, complete the following information)

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

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

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

PASSENGER(S) / OTHER PERSONNEL (Include flight attendants; continue on separate sheet if necessary)

Name and Address	Seat	Crew	Non-Revenue	Revenue	Non-Occupant	FAA	Fatal	Serious Injury	Minor Injury	No Injury	Unknown		
First Name: Lewis	R/F	☐	☒	☐	☐	☐	☐	☐	☐	☒	☐		
Middle Initial: E												City: Seneca Falls	State: NY ZIP: 13148
Last Name: Martin												Country: USA	
First Name: Ryan	R/R	☐	☒	☐	☐	☐	☐	☐	☐	☒	☐		
Middle Initial: K												City: Seneca Falls	State: Ny ZIP: 13148
Last Name: Martin												Country: USA	
First Name: _____													
Middle Initial: _____												City: _____	State: _____ ZIP: _____
Last Name: _____												Country: _____	
First Name: _____													
Middle Initial: _____												City: _____	State: _____ ZIP: _____
Last Name: _____												Country: _____	
First Name: _____													
Middle Initial: _____												City: _____	State: _____ ZIP: _____
Last Name: _____												Country: _____	
First Name: _____													
Middle Initial: _____												City: _____	State: _____ ZIP: _____
Last Name: _____												Country: _____	
First Name: _____													
Middle Initial: _____												City: _____	State: _____ ZIP: _____
Last Name: _____												Country: _____	

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

We departed (0G7) after receiving the atis at approximately 7:30 am EST and flew directly on course to the private strip where we intended to land and have some minor things done to the airplane. These things included an oil change as well as putting the wheel pants on the aircraft for summer flying. Upon arriving at the grass airfield, I flew over the strip to observe the conditions below. I immediately spotted the tower that was depicted on the sectional and observed that it was located directly beside the runway. I then noticed a tractor working ground in close proximity to the air-strip and located a large tree at the one end and right beside the strip. Beyond the strip was a small power line running perpendicular to the strip. A couple hundred yards beyond that was a large transition line running perpendicular to the strip. I did not observe any wind sock so I used my best judgement to determine the wind current by comparing the indicated airspeed to the ground airspeed. I then determined that the wind would not be a factor in the landing direction and decided to land on the side away from the power lines and the large tree. At the same time I did not want to travel a standard left pattern as this would have put me in very close proximity to the radio tower. As a result I elected to fly an extended right downwind and make a 180° turn and execute a straight in approach. On final approach I noticed that we were a little high but thought we would be ok. As I descended to the runway the plane got into ground effect and floated longer than I anticipated but due to the power lines directly off the runway, I decided to continue landing. I touched down about halfway down the strip and thought I would be fine but failed to account for the grass being wet in the morning and the runway being on a downhill slope. I went off the end of the runway. I saw two electric wire poles at the end of the runway and made the determination that if I try to veer to the left after passing the one, I may be able to miss them both. I was not able to do this however and as a result my right wing caught the one pole and the plane skewed to the right and went over a slight embankment of about 18". This embankment broke my left main gear from hitting it at an angle and caused my front strut to collapse which in turn allowed the prop to strike the ground which bent both propellers back. At this point the left wing dropped and hit the ground which skewed the plane to the left at which point we skidded to a stop. We then evacuated the plane and after confirming that the plane did not catch fire and was in a stable resting spot, I reentered the plane and shut off the fuel and electrical system.

RECOMMENDATION (How could this accident/incident have been prevented?)**Operator/Owner Safety Recommendation**

- (1) I could have called ahead and done a better job of familiarizing myself with the runway and grass condition. I would have likely gone around sooner rather than landing long if I had known the grass was wet and the runway ran downhill.
- (2) Instead of flying an extended right downwind and doing a straight in approach in order to avoid the cell tower that is right beside the runway, I should have did a very wide left downwind and done a standard pattern which would have been much more familiar to me.
- (3) Being a relatively new field, I should have gone around the minute anything did not work out just right. One mistake may have worked but two or three can accumulate to a point where things end badly.
- (4) I should have flown by until the tractor moved away from the end of the runway. This may be part of why I was slightly high in the first place and if I had circled until he moved away, I may have had different results.
- (5) I should probably have had more training for soft field in that particular air plane. This would have made me much more knowledgeable and I could have recognized a little sooner when it was going bad.

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**

05/08/2013

mm/dd/yyyy

Signature and Name of Pilot/OperatorSignature: 

Type or Print Name: Earl Martin

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

Signature: _____

Type or Print Name: _____

Title: _____

FOR NTSB USE ONLY**NTSB Accident/Incident No.**

ERA13CA231

Reviewed by NTSB Regional Office

ERA (NJ)

Name of Investigator

Gretz

Date Report Received

5/10/13