

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: Evans, CO State: Colorado
ZIP: _____ Country: USA
Latitude: 40.04.650 (dd:mm:ss N/S) Longitude: 104 47 58.5 (ddd:mm:ss E/W)

Date/Time

Date: 03/21/2014 Local Time: 7:35 am
mm/dd/yyyy
Time Zone: Mtn.

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

5700 ft MSL

AIRCRAFT INFORMATION

Manufacturer: Titan Aircraft Kt built by Perry D Olson
Model: T 51
Serial Number: 140291450 HK 0009
Registration Number: N43889 Amateur-built: ☒ Yes ☐ No

Max Gross Weight: 1450 lbs
Weight at Time of Accident/Incident: 1292 lbs
Location of Center of Gravity at Time of Accident/Incident:
78.8 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 **Special**
☐ Normal ☐ Restricted
☐ Utility ☐ Limited
☐ Acrobatic ☐ Provisional
☐ Transport ☒ Experimental
☐ Special Flight
☐ Light Sport

Number of Seats: 2

If Large Aircraft, how many seats for:

Flight Crew: _____

Cabin Crew: _____

Passengers: _____

Landing Gear ☒ Retractable

Check any additional landing gear configuration that applies:

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

Type of Maintenance Program

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

Last Inspection Type

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

Date Last Inspection: 05/10/2013
mm/dd/yyyy

Airframe Total Time: 356 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: Ameri-King

Model/Series: AK 450

ELT Aided in Locating Accident/Incident

☐ Yes ☐ No

Serial Number: _____

Battery Type: Duracell D

Battery Exp. Date: 2015

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: Whirlwind

Model: 100-4

Engine	Engine Manufacturer	Engine Model/Series	Manufacturer's Serial Number	Date of Mfg. <i>mm/dd/yyyy</i>	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	<u>Rotax</u>	<u>914 UIS</u>	<u>4418, 293</u>		<u>119</u>	<u>356</u>	<u>58</u>	
Eng. 2								
Eng. 3								
Eng. 4								

Registered Aircraft OwnerName: Perry D. OlsonFractional Ownership Aircraft: ☐ Yes ☒ No**Owner Address**City: Fort Lupton
State: CO ZIP: 80621
Country: USA**Operator of Aircraft**☒ Same As Registered Owner

Name: _____

Doing Business As: _____

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

Operator Address☒ Same As Registered Owner

City: _____

State: _____ ZIP: _____

Country: _____

Regulation Flight Conducted Under

- | | | | |
|--|----------------------------------|---|--|
| ☒ FAR 91 | ☐ FAR 129 | ☐ FAR 91 Special Flight | ☐ Public Use (select type) |
| ☐ FAR 103 | ☐ FAR 133 | ☐ Non-US, Commercial | ☐ Federal ☐ State ☐ Local |
| ☐ FAR 121 | ☐ FAR 135 | ☐ Non-US, Non-commercial | ☐ Unknown |
| ☐ FAR 125 | ☐ FAR 137 | ☐ Armed Forces | |

Revenue Sightseeing Flight☐ Yes ☐ No**Air Medical Flight**☐ Yes ☐ No**Purpose of Flight**

for FAR 91, 103, 133, 137 (Select one)

- | |
|--|
| ☒ Personal |
| ☐ Business |
| ☐ Executive/Corporate |
| ☐ Other Work Use |
| ☐ Instructional |
| ☐ Ferry |
| ☐ Positioning |
| ☐ Aerial Application |
| ☐ Aerial Observation |
| ☐ Air Drop |
| ☐ Air Race / Show |
| ☐ Flight Test |
| ☐ Public Use |
| ☐ Unknown |

Revenue Operation

for FAR 121, 125, 129, 135 (Select one)

- | |
|--|
| ☐ Scheduled or Commuter |
| ☐ Non-Scheduled or Air Taxi |

Domestic or International☐ Domestic ☐ International**Cargo Operation**

- | |
|--|
| ☐ Passenger/Cargo |
| ☐ Passenger _____ How many? |
| ☐ Cargo _____ lbs |
| ☐ Mail |

Type of Commercial Operating Certificate Held

(Check all that apply)

- | |
|---|
| ☒ None |
| ☐ Flag Carrier Operating Certificate (121) |
| ☐ Supplemental |
| ☐ Air Cargo |
| ☐ Foreign Air Carriers (129) |
| ☐ Commuter Air Carrier (135) |
| ☐ On-Demand Air Taxi (135) |
| ☐ Large Helicopter (127) |
| ☐ Rotorcraft External Load (133) |
| - or - |
| ☐ Agricultural Aircraft (137) |
| ☐ Other Operator of Large Aircraft |

OTHER AIRCRAFT COLLISION (If aircraft ground collision involves only one aircraft, check only one aircraft.)**Aircraft Registration Number**

Manufacturer: _____

Model: _____

Damage to Other Aircraft

☐ Destroyed	☐ Minor
☐ Substantial	☐ None

Registered Owner of Other Aircraft

First Name: _____

Middle Initial: _____

Last Name: _____

City: _____

State: _____ ZIP: _____

Country: _____

Pilot of Other Aircraft

First Name: _____

Middle Initial: _____

Last Name: _____

City: _____

State: _____ ZIP: _____

Country: _____

MECHANICAL MALFUNCTION/FAILURE (If none, do not check any of the following.)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.)

Unknown Electrical and Engine 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)

Damage To aircraft belly, Scoop and sheet metal

AIRPORT INFORMATION (If the accident/incident occurred on approach, takeoff or within 3 miles of an airport, complete this section)

Airport Identifier: _____ Distance From Airport Center: _____ SM
 Airport Name: _____ Direction From Airport: _____ degrees MAG
 Proximity to Airport ☐ Off Airport/Airstrip ☐ On Airport ☐ On Airstrip Airport Elevation: _____ ft. MSL

Approach Segment (Select one)

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

IFR Approach (Check all that apply)

☐ None ☐ PAR ☐ MLS ☐ Practice
☐ ADF/NDB ☐ Sidestep ☐ LDA ☐ GPS
☐ SDF ☐ ILS ☐ 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 Information

Runway ID: _____ (L/R/C) Length: _____ ft Width: _____ 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	Time of Departure	Destination	Type Flight Plan Filed
Airport ID: <u>18V</u> City: <u>Hudson</u> State: <u>CO</u> Country: <u>USA</u>	Time: <u>2:15 am</u> Time Zone: <u>MTN</u>	Airport ID: <u>GXY</u> City: <u>Greeley</u> State: <u>CO</u> Country: <u>USA</u>	☒ 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)	Fuel Type
<u>19</u> Gallons	☐ 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

Normal

WEATHER INFORMATION AT THE ACCIDENT/INCIDENT SITE

Weather Observation Facility Facility ID: <u>GXY A715</u> Observation Time: <u>7:20 am</u> Time Zone: <u>MTN</u> Distance from Accident Site: <u>6</u> NM Direction from Accident Site: <u>360</u> degrees MAG		Source of Weather Information <i>(Check all that apply)</i> ☐ National Weather Service ☐ Flight Service Station ☐ TV/Radio ☐ Automated Report ☐ Commercial Weather Service (DUATS) ☐ Company ☐ Military ☐ Internet ☐ Unknown		Method of Briefing <i>(Check all that apply)</i> ☐ 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 <u>10+</u> 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 <i>(Check all that apply)</i> ☒ 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: _____ degrees MAG ☐ Variable		Wind Speed Velocity: _____ KTS -or- ☒ Calm ☐ Light and Variable		Wind Gusts Velocity: _____ KTS ☐ Gusting ☒ Not Gusting	
Type of Turbulence <i>(Check all that apply)</i> ☒ None ☐ Clear Air ☐ 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		Type of Precipitation <i>(Check all that apply)</i> ☒ None ☐ Rain ☐ Snow ☐ Hail ☐ Rain Showers ☐ Freezing Rain ☐ Snow Shower ☐ Drizzle ☐ Ice Pellets ☐ Snow Pellets ☐ Snow Grains ☐ Ice Crystals ☐ Ice Pellets Shower ☐ Freezing Drizzle	
		Icing Actual Amount ☒ None ☐ Trace ☐ Light ☐ Moderate ☐ Severe Type ☐ Rime ☐ Clear ☐ Mixed		Intensity of Precipitation ☐ Light ☐ Moderate ☐ Heavy	

PILOT "A" INFORMATION

Pilot "A" Responsibilities at the Time of Accident/Incident

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

Pilot "A" Identification

First Name: Perry City: Fort Lupton
 Middle Initial: D State: CO ZIP: 80621
 Last Name: Olsen Country: USA
 Age at time of Accident/Incident: _____ Date of Birth: _____ Certificate Number: [REDACTED]
 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

Pilot Certificate(s) (Check all that apply)

☐ None ☐ Student ☐ Recreational ☐ Commercial ☐ Flight Engineer ☐ Foreign
☒ Private ☐ Flight Instructor ☐ Sport ☐ Airline Transport ☐ U.S. Military

Principal Occupation

☐ 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
☒ With limitations/waivers
☐ Unknown

Date of Last Medical

07/09/2012
 mm/dd/yyyy

Medical Certificate Limitations

Corrective lenses

Medical Certificate Waivers

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

10/25/2013
 mm/dd/yyyy

Flight Review Aircraft

Make: Cessna
 Model: 172

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
☐ Free 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

Complex 1967

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	1900	360	1900	0	40					
Pilot in Command (PIC)					26					
Time as Instructor										
This Make/Model										
Last 90 Days	14	14	14							
Last 30 Days	6	6	6							
Last 24 Hours										

Pilot "B" INFORMATION

Pilot "B" Responsibilities at the Time of Accident/Incident

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

Pilot "B" Identification

First Name: _____ City: _____
 Middle Initial: _____ State: _____ ZIP: _____
 Last Name: _____ Country: _____
 Age at time of Accident/Incident: _____ Date of Birth: _____ Certificate Number: _____
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

Pilot Certificate(s) (Check all that apply)

☐ None ☐ Student ☐ Recreational ☐ Commercial ☐ Flight Engineer ☐ Foreign
☐ Private ☐ Flight Instructor ☐ Sport ☐ Airline Transport ☐ U.S. Military

Principal Occupation

☐ 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
☐ With limitations/waivers
☐ Unknown

Date of Last Medical

 mm/dd/yyyy

Medical Certificate Limitations

Medical Certificate Waivers

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
☐ Free 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 ☐ Instrument Airplane
☐ Airplane Single-Engine ☐ Instrument Helicopter
☐ Airplane Multi-Engine
☐ Gyroplane ☐ Helicopter
☐ Powered Lift ☐ 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 CREW MEMBERS (Exclusive of cabin attendants, complete the following information)																
Pilot Name and Address						Degree of Injury										
First Name: _____		City: _____				☐ None		☐ Fatal								
Middle Initial: _____		State: _____		ZIP: _____		☐ Minor		☐ Unknown								
Last Name: _____		Country: _____				☐ Serious										
Pilot Certificate(s) (Check all that apply)						Seat Occupied										
☐ None		☐ Student		☐ Recreational		☐ Commercial		☐ Flight Engineer								
☐ Private		☐ Flight Instructor		☐ Sport		☐ Airline Transport		☐ U.S. Military								
☐ Foreign																
Type Rating/Endorsement for Accident/Incident Aircraft? ☐ Yes ☐ No				Total Flight Time at the Time of this Accident/Incident: _____ hrs												
Pilot Name and Address						Degree of Injury										
First Name: _____		City: _____				☐ None		☐ Fatal								
Middle Initial: _____		State: _____		ZIP: _____		☐ Minor		☐ Unknown								
Last Name: _____		Country: _____				☐ Serious										
Pilot Certificate(s) (Check all that apply)						Seat Occupied										
☐ None		☐ Student		☐ Recreational		☐ Commercial		☐ Flight Engineer								
☐ Private		☐ Flight Instructor		☐ Sport		☐ Airline Transport		☐ U.S. Military								
☐ Foreign																
Type Rating/Endorsement for Accident/Incident Aircraft? ☐ Yes ☐ No				Total Flight Time at the Time of this Accident/Incident: _____ hrs												
Pilot Name and Address						Degree of Injury										
First Name: _____		City: _____				☐ None		☐ Fatal								
Middle Initial: _____		State: _____		ZIP: _____		☐ Minor		☐ Unknown								
Last Name: _____		Country: _____				☐ Serious										
Pilot Certificate(s) (Check all that apply)						Seat Occupied										
☐ None		☐ Student		☐ Recreational		☐ Commercial		☐ Flight Engineer								
☐ Private		☐ Flight Instructor		☐ Sport		☐ Airline Transport		☐ U.S. Military								
☐ 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 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: _____		City: _____				_____										
Middle Initial: _____		State: _____		ZIP: _____												
Last Name: _____		Country: _____														
First Name: _____		City: _____				_____										
Middle Initial: _____		State: _____		ZIP: _____												
Last Name: _____		Country: _____														
First Name: _____		City: _____				_____										
Middle Initial: _____		State: _____		ZIP: _____												
Last Name: _____		Country: _____														
First Name: _____		City: _____				_____										
Middle Initial: _____		State: _____		ZIP: _____												
Last Name: _____		Country: _____														
First Name: _____		City: _____				_____										
Middle Initial: _____		State: _____		ZIP: _____												
Last Name: _____		Country: _____														
First Name: _____		City: _____				_____										
Middle Initial: _____		State: _____		ZIP: _____												
Last Name: _____		Country: _____														
First Name: _____		City: _____				_____										
Middle Initial: _____		State: _____		ZIP: _____												
Last Name: _____		Country: _____														
First Name: _____		City: _____				_____										
Middle Initial: _____		State: _____		ZIP: _____												
Last Name: _____		Country: _____														

NARRATIVE HISTORY OF FLIGHT (Pre- or Post-Accident)

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.

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

Operator/Owner Safety Recommendation

STATEMENT OF PERRY D. OLSON
RE: ELECTRICAL AND ENGINE FAILURE N43889
March 21, 2014

On March 21 2014 I departed Platte Valley airport (18V) in route to Greeley airport (GXY) at about 7:15 am. Flying my experimental aircraft a 3/4 scale P 51 N 43889 which I have flown for about 360 hrs. About 15 minutes after departure I notified GXY traffic that I was about 6 miles south and about to enter their traffic pattern at about 5700 ft MSL. Immediately after the transmission the engine quit I had no electrical power. I established the best glide speed 80 mph. Turned on the aux fuel pump and tried to activate the landing gear (which requires electrical power to operate) I turned West and selected suitable landing site. I did see a power line on the west side of the landing site and felt I would be able to clear the power line. At this point I realized the gear was not going to come down so I decided to land in the pasture and not the gravel road. With no electrical I did not have flaps so I decided to do a full stall landing I flared and impacted the ground the plane slid 60 or 70 feet. I opened the canopy turned off the fuel and all switches then exited the aircraft. At 80 mph my sink rate is 1000 fpm so the whole incident lasted about 45 seconds. With FAA & NTSB personnel present at the accident site we dipped the fuel tanks which had plenty of fuel which they confirmed. I also relayed the chain of events to both the FAA & NTSB staff who were at the accident site. After getting the aircraft back to 18 V I drained the fuel and had 18 gallons. I also checked oil it was within the limits on the dip stick. I am still working on the aircraft to ascertain why the the electrical system and engine suddenly failed.

Perry D. Olson

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

03/23/2014
mm/dd/yyyy

Signature of

Signature:

Type or Print Name: Perry D Olson

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.

CEU/MKA168

Reviewed by NTSB Regional Office

CEU

Name of Investigator

DAVID BOWLING

Date Report Received

3/26/2014