



# National Transportation Safety Board Aviation Accident Final Report

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<b>Location:</b>	Tracy, CA	<b>Accident Number:</b>	WPR13CA136
<b>Date &amp; Time:</b>	03/02/2013, 0930 PST	<b>Registration:</b>	N7193K
<b>Aircraft:</b>	Buckeye Dream Machine	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Controlled flight into terr/obj (CFIT)	<b>Injuries:</b>	1 Serious
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

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## Analysis

The pilot reported that he was flying his powered parachute at various low altitudes, and that, during a climb along a ridgeline, it struck high-voltage transmission power lines less than 100 feet above ground level. The powered parachute descended to the ground and came to rest inverted, substantially damaging its structural tubing. The pilot reported no preimpact mechanical failures or malfunctions with the powered parachute that would have precluded normal operation.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's failure to see and avoid power lines during a climb.

## Findings

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<b>Personnel issues</b>	Monitoring environment - Pilot (Cause)
<b>Environmental issues</b>	Wire - Not specified

## Factual Information

### History of Flight

Enroute-climb to cruise      Controlled flight into terr/obj (CFIT) (Defining event)

### Pilot Information

<b>Certificate:</b>	Sport Pilot	<b>Age:</b>	56, Male
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Seat Occupied:</b>	Front
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	Seatbelt, Shoulder harness
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Sport Pilot	<b>Last Medical Exam:</b>	
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	03/19/2011
<b>Flight Time:</b>	190 hours (Total, all aircraft), 185 hours (Total, this make and model)		

### Aircraft and Owner/Operator Information

<b>Aircraft Manufacturer:</b>	Buckeye	<b>Registration:</b>	N7193K
<b>Model/Series:</b>	Dream Machine	<b>Aircraft Category:</b>	Powered Parachute
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	No
<b>Airworthiness Certificate:</b>	Experimental	<b>Serial Number:</b>	4904
<b>Landing Gear Type:</b>	Tricycle	<b>Seats:</b>	2
<b>Date/Type of Last Inspection:</b>	10/27/2012, Conditional	<b>Certified Max Gross Wt.:</b>	1000 lbs
<b>Time Since Last Inspection:</b>	272 Hours	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	272 Hours	<b>Engine Manufacturer:</b>	Rotax
<b>ELT:</b>	Not installed	<b>Engine Model/Series:</b>	582UL
<b>Registered Owner:</b>	John Hollis	<b>Rated Power:</b>	65 hp
<b>Operator:</b>	John Hollis	<b>Air Carrier Operating Certificate:</b>	None

## Meteorological Information and Flight Plan

Observation Facility, Elevation:	LVK, 400 ft msl	Observation Time:	0953 PST
Distance from Accident Site:	13 Nautical Miles	Condition of Light:	Day
Direction from Accident Site:	255°	Conditions at Accident Site:	Visual Conditions
Lowest Cloud Condition:	Clear	Temperature/Dew Point:	14°C / 9°C
Lowest Ceiling:	None	Visibility	10 Miles
Wind Speed/Gusts, Direction:	Calm	Visibility (RVR):	
Altimeter Setting:	30.2 inches Hg	Visibility (RVV):	
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Tracy, CA (TCY)	Type of Flight Plan Filed:	None
Destination:	Tracy, CA (TCY)	Type of Clearance:	None
Departure Time:	0900 PST	Type of Airspace:	

## Airport Information

Airport:	Tracy Municipal Airport (TCY)	Runway Surface Type:	
Airport Elevation:	193 ft	Runway Surface Condition:	
Runway Used:	N/A	IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	None

## Wreckage and Impact Information

Crew Injuries:	1 Serious	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 Serious		

## Administrative Information

Investigator In Charge (IIC):	Samantha A Link	Adopted Date:	06/24/2013
Additional Participating Persons:	Timothy L Jarrard; Federal Aviation Administration; Oakland, CA		
Publish Date:	06/24/2013		
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	<a href="http://dms.ntsb.gov/pubdms/search/dockList.cfm?mKey=86337">http://dms.ntsb.gov/pubdms/search/dockList.cfm?mKey=86337</a>		

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