



# Particulars: Charter 313

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- Newsletter:** Jon "Dew Drop" Dewey

**AMA CONTEST DIRECTORS:**

Jim Hogan, Jim Fassino, Jim Martin, Jon Dewey

**Flying Field Location:**

The field is located off Old Galena Road, 1/2 mile North of the Caterpillar Technical Center on the west side of the road.

**Flying Hours:**

Flying hours are 8am until dusk, 7 days a week

**Membership:**

Club dues are \$110/year. If paid on or before the December club meeting, \$90. All members must belong to the Academy of Model Aeronautics (AMA)

**General:**

We are committed to having fun and the safe operation of model aircraft. The Peoria RC Modelers is an equal opportunity, not for profit organization and always welcomes new members.

**Flight Instruction:**

The Peoria RC Modelers offers flight instruction as a free service to anyone requesting it. Contact a club officer for further information.



*Our newest "Max" pilot*

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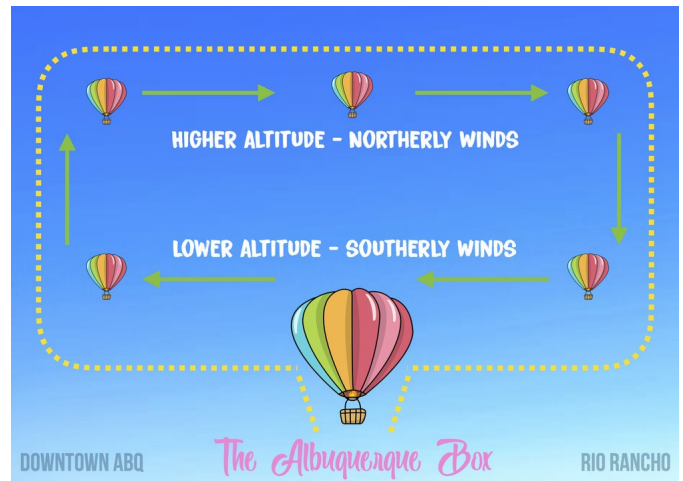
[peoriarcmodelers.com](http://peoriarcmodelers.com)





October was a busy month for me and I apologies missing the club meeting, but I was in Albuquerque New Mexico. I was able to check off a bucket list item by visiting the International Balloon fiesta. It was very impressive to watch several hundred balloons fill and take off as you worked close by. However it was even more impressive to watch them come back and land at the same place they took off. I had always thought a hot air balloon went wherever the wind blew. Thus needing a chase vehicle for a ride back home. So then, what makes this event spectacularly special? And why did they pick Albuquerque? Well the answer is the cool Albuquerque morning temperatures in October and the Albuquerque box! The “box” is a set of very predictable wind patterns that can be used to navigate the balloons — at low elevations the winds tend to be southerly (from the south), but at higher elevations they tend to be northerly.

Balloonists use these winds to navigate in a vertical box — this is beneficial to ballooning because then the balloon can take off and land in almost exactly the same spot. Balloon pilots do not have a way to steer their hot air balloons. While they can control where the balloon flies vertically (by heating the air in the balloon to go higher), they rely on the wind to determine their direction.



There was another group of "Balloon Pilots" that didn't have to worry about the wind in the box. They know that they will always land at the same place they take off. They were the RC balloon pilots.

According to the pilots that I talked to they always flew their RC balloons attached to a tether. This way no unexpected wind gust could take their \$3000 to \$6000 balloon on a long ride. They put 5 to 10 pounds of propane depending on the size of the balloon and can fly as long as several hours. From what I gather it is like launching at the east end of our field and floating to the west before reeling the balloon back with the tether. Neat to see, but not much talent involved in "flying" it. I would rather have a little more control over what I am flying.



*D.W.*

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# The Lawn Chair

# Report



The Peoria RC Modeler's interests in model aviation are always changing. I started seeing members launching motor associated sailplanes, then sitting in lawn chairs watching them silently move around the sky. Well, back to my gas powered big birds to drill some more holes in the sky. However, more and more sailplanes appeared in the sky over the club. I decided to give sailplanes a try. I purchased an ARF and spent too much money on the motor, speed control, and specialized servos. First flight was a disaster, my tail heavy sailplane did a loop in the first 30 feet (not my intention) and crashed, wingtip first. What a mess!. Well, back to my gas powered big birds.

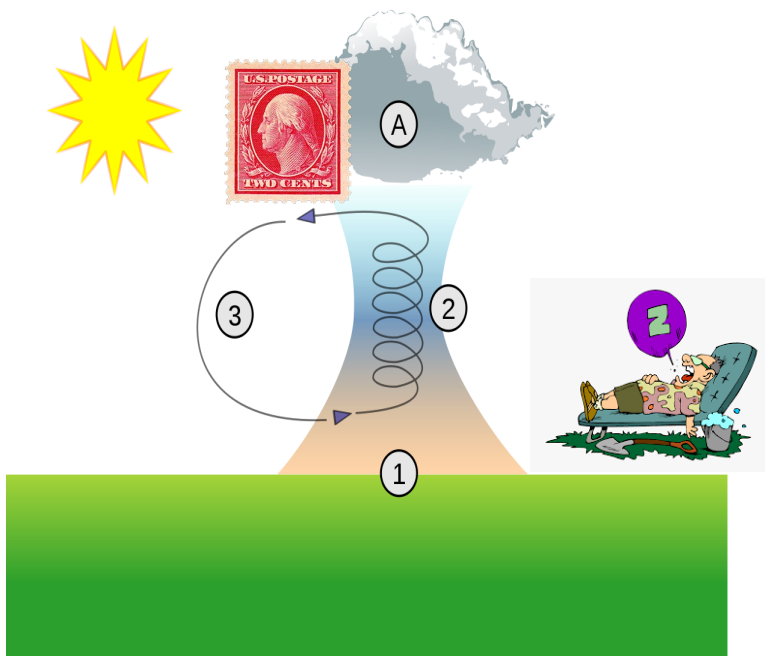


Sailplanes continued to show up at the field, so I tried again with the swap meet sailplane I got from Steven. It was a big sailplane with ailerons, spoilers and a retract wheel. This time I got to 50 feet before I stalled it and crashed into the beans ripping the nose off. Well, back to my gas powered big birds. More and more members were flying these silly things so I decided to give it one more try. I went up to Loenor and found a first edition Radian on one of the shelves. It is a simple design with just three channels, no ailerons nor lights. I added the recommended battery and had it ready to fly before the battery was fully charged.



took it to the field and with six members watching, Jon did the launch. Still shaky on how to fly these things and encouragement and coaching from Roger, I passed 100 feet with no issues. You would have thought I was just learning to fly, my knees were shaking. Passing 200 feet, I shut the motor off. A few clicks of trim and coaching from Roger had me thinking "I can do this."

I Followed Roger into a thermal and my Radian was soon the size of a postage stamp. Hey, the motor is off and I'm climbing. "Oh, now I get it! Yah, I could get into this. I guess this first flight lasted about 20 minutes before landing on the field.



Motor assisted sailplanes are a perspective on model aviation I have not experienced before, but I like it! Well, on a hot day with thermos, I'll fly the sailplane first. Then I'll fly the gas powered big birds and drill some holes in the sky.

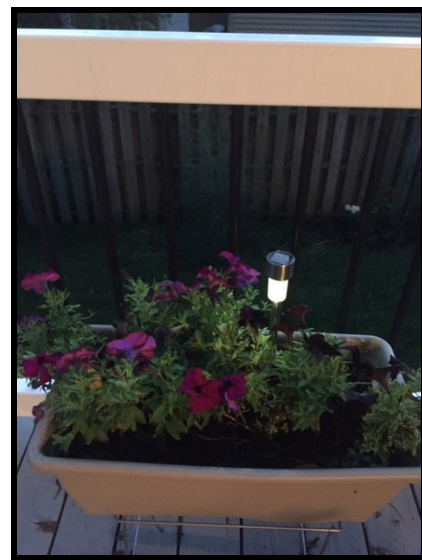
"See you in the lawn chair  
with a sailplane over  
your head."



**Jim "Hollywood" Hogan**

## George's Light

We lost long time PRCM member George Knight unexpectedly on Memorial Day week-end better than three years ago. George's daughter, Katie, gave me a set of six solar powered garden lights. Three did not make it through the first year. Two more quit during the second year. But this last one has continued to light our patio, throughout the summer. It is as bright as the first night it was installed. It has become "George's light" and reminds me of him.



*"Hollywood" Hogan*



# 2021 NOVEMBER

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1	2 	3	4 	5 	6 
7 	8	9	10	11 	12	13 
14 	15	16	17	18 	19	20 
21	22	23	24	25 	26	27 
28	29	30				

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*Aim High!*  
Co Pilot  
of the  
**Month**



# HELP WANTED

**STAFF  
SHORTAGE**

## Field Maintenance And Repair

Since we first moved to our current field location and Becky Wilson was doing the mowing, I have done the maintenance, repair and trimming at our field. This will be my last year of completing such activities. We are looking for a club member to do the trimming about every two week during the mowing season. Repair usually involves the repair of 2-5 flight station frames per season, replacement of 100-200 strip ties during the season, replacement of flight station foam protectors (as needed). Additional related duties include: sweeping or blowing out the shed every month, emptying the trash each month, monthly weeding the white rock area at our entry sign and straightening parking lot poles 3-4 times per year. Occasionally, replacement of roof shingles, trimming of entry doors and gutter repair may be required.

*Roger Stegall*

## EDITOR'S NOTE

*If you have any interest in filling this position or the Club Secretary, please contact Jon Dewey. Also remember that the Newsletter editor position is taking applications. We have lots of opportunities to fill your time.*

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# It is that time of year Winter Projects

The Big Brown Truck dropped this project off in Dunlap and should be built in the sunny skies in Florida over the winter months. I am looking forward to seeing pictures as it progresses.



*That's all Folks!*

