

The Marion Eagle Newsletter



<http://marionrcflyers.org>

MRCF

PO Box 9202

Rochester, MN 55903

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Club Dues Now Being accepted at the Club meetings or send your dues to:

**Marion RC Flyers
PO Box 9202
Rochester, Mn 55903**

Adult Membership \$50.00 per year

Family (Spouse) Membership \$75.00 per year

Student (19 years of age or under) \$1.00 per year

Electric Indoor Flying at the RCTC Field House

Tuesday nights starting at 10:00 pm.

Indoor Flying at the Rochester Recreation Center

Tuesday's at 1:30 pm – 3:30 pm

Bernie and I met today with Ed Staiert, Recreation Center Manager, about being able to use the space that Kevin used for indoor flying. Ed said that they will reserve Tuesday's every week from 1:30 pm to 3:30 pm for us to fly indoors. This will be two hours of flying. If there is an event at the Rec Center that will occur at this time Ed will let me know. But there will be very few interruptions.

Bernie and I accompanied ED to look at the gym. It is just a bit smaller then the Armory but will be great for flying. They can set up some tables and chairs for us to use. There will be a cost for individuals to use this area. Here is the low down. Normal single time use at the Rec Center would cost \$5.00 but if we purchase a \$45.00 pass it will only be \$3.00 per time. This comes out to be 15 weeks of two hours flying. This works out to \$1.50 per hour. Time flying indoors ---priceless! The pass does not expire and if you can't make it to fly you will not be charged. There will be a sign-in sheet at the gym that we must sign. The staff will use this sheet to charge your pass for that day. The office will keep the passes so we do not need to stop in at the office before flying. We can go to the gym, setup, sign and fly. The pass is renewable. If the staff looks at the sign-in sheet and only three of us have signed in and they count ten of us flying they will take roll call.

You can purchase your pass in person at the Rec Center or call (507) 328-2500 and ask for Kim. She can process your credit card information over the phone. Then you are set to go. So now do you go to get into the gym?

They will open the back door to the gym so we can go directly into the gym. To get to that entrance enter the driveway off of Elton Hills Drive by the new 125 Live senior center. Turn into the second pull-in for parking and go toward the building on the left. There is a set of doors that will let us go directly into the gym.

Contact me if you have any questions. I will do my best to answer them.

*******Winter Club Meetings second Tuesday of the month*******

Meetings switched back to the second Tuesday of the month.

2017 Winter Club meeting Schedule:

The winter club meetings are held the second Tuesday of the month and will be held at the Bowlocity Entertainment Center 2810 N Broadway, Rochester, MN (former Recreation Bowling Alley) starting at 7:00 pm. Enter through the west doors parallel to North Broadway and the large meeting room will be the 2nd door to the left inside the building.

2017: Mar 14th; Apr 11th; May 9th.

Summer meeting schedule for 2017 will resume on June 14th.

Wayne's Corner....

Our best wishes go out to Mike Norrie for a speedy and complete recovery from his recent surgery!

Indoor Flying at the Rec Center has been a blast. There have been about six of us there every Tuesday afternoon. The staff has been very nice and helpful. But, as the following picture shows what goes around returns.... Where there is a net we will find it!



The Student Flight Instruction Program will resume June 2017 and continue through September 2017.

Beginner's Night: Wednesday afternoons/evenings will resume June 2017. Contact our qualified Flight Instructors for free flight instruction. It is recommended that you make an appointment with Ray Dray or Skip Gram for flight instruction.

Call Ray Dray at (cell) 261-0930 or (home) 775-6933.

Call Skip Gram at (507) 273-2748

Student Flight Instruction Program

Student flight instruction is provided free of charge during the flying season, June through September, by one of our qualified flight instructors.

- Please call Ray Dray at 261-0930 (cell) or 775-6933 (home) or Skip Gram at 273-2748 to set up an appointment for flight instruction. They can answer any questions you might have.
- You should read and understand the club rules that are posted online and at the field. If you have any questions have your instructor clarify them during the first flight lesson.
http://www.marionrcflyers.org/index.php?option=com_content&view=article&id=20&Itemid=16
- Please call our club instructor to make an appointment for flight training. This will assure that there will be somebody at the field to assist you.
- After completing your lessons you will need to join the AMA and our club to be allowed to fly at our club field. Join the AMA at <https://www.modelaircraft.org/joinrenew.aspx>. To join our club, contact Wayne Brown at 319-4406. Our membership forms can be found in the New Pilot Info link to the left.

The available instructors are listed below:

Instructor	Phone Number	Special Information
Ray Dray	261-0930 cell 775-6933 Home	Airplane Instruction

Skip Gram	273-2748	Airplane Instruction
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- If using your own airplane for flight lessons you should make sure your radio equipment has been charged and the switches are in the off position before you arrive at the field. If you do not own your own airplane you can use the club training aircraft at no charge to you.
- When you arrive at the field ask for your instructor. He will provide direction on where and how to set up the airplane for instruction.
- Pay attention to what your instructor has to say and show you. He will show you proper flying field procedures and etiquette. You can learn by observing how pilots set up and fly their aircraft.
- Relax and take your time. If you feel tired or worn out call it a day and schedule a lesson for another day. When learning to fly it may take more lessons than expected.
- When your instructor says you are ready you will complete a check flight, where you will be asked to do three takeoffs and landings, demonstrate the correct pattern and flying field etiquette. After successful completion you will then be considered a qualified R/C Pilot and allowed to fly solo without an instructor.
- You can request additional lessons at any time. These can include aerobatic maneuvers.

Meeting Minutes from February 14, 2017

Call to order: 7:00 pm

Officers present:

Wayne Brown; Dallas Gardner; Judi Snyder; Bernie Drier

Members present: (Includes the officers) 15

Treasurer's Report:

Accounts in good order and the MN Incorporation papers have been filed for 2017.

Old Business:

June 3rd: Club field clean up date. General maintenance and we will be building new flight stands to replace the old ones that falling apart.

June 10: Club Fun Fly is set for Saturday June 10th with Sunday the 11th rain date. I sent an email to Dave Just from the RAMS club in hopes that they will join us for a joint Fun Fly. I am waiting for a reply. Details are to follow as we near the event.

New Business:

Those club members who fly Indoors at the Rec Center Kevin Guy of Everything Hobby will give a \$3:00 discount on items purchased in his store. He has a list of those signed up to fly at the Rec Center. They are also cutting off the bar code on purchases made placing them into a drawing for a \$25 gift card. Winners will be notified if chosen.

Judi Snyder will have our membership cards ready soon.

Adjourn: 7:25 pm

Show and Tell

Jeff Sorenson passed around some Proflex fuel tubing that can be used for any type of fuel. He also brought in his ARF Spitfire:





John Logsdon brought in his great looking and light weight new Taranis transmitter. Here's the company he bought the Taranis radio equipment from-- Aloft Hobbies.

<http://alofthobbies.com/>

Here's the OpenTX University where the developers post how to instructions.

<http://open-txu.org/>

Here's a bunch of videos worth looking at about using the Taranis/OpenTX software on the radio.

<https://www.youtube.com/playlist?list=PLMHmTVkIKwOJxLKf43yQFWt0qIU0q3vJR>

Dallas Gardner brought in his giant sailplane. Ask him about the model and its specs.



Clyde Norell brought in his Piper Cub and provided the following information:

Great Planes Piper Cub (Kit #GPMA016Z)

- Built from kit: excellent wood, plans and instructions.
- Wing options: Clipped- 83" (1037 sq inches) standard 90" (1123 sq inches) I built the 90" w/s version.
- Power required: 60-90 2s or 70-9104s. Engine used Saito flat twin FA-130T glow with twin carbs.
- Weight: 9.5 to 12.0 lbs. Model finished at 12 lbs dry.
- Used Nicad powered PCM Futaba 1024 Radio for guidance (good older radio but installed new batteries throughout).
- Finished in Balsa USA iron on fabric olive drab covering (it goes on easier than Monokote).

Building tips learned from this construction project:

1. I finished the plane as a Piper L-4 Grasshopper Observation Scout similar to a model pictured in an old Model Aviation magazine. The article included the builder's name, address and email address. I contacted the builder by email and he sent me a picture of the full scale plane that he replicated as it appeared in England. He included two good photos of his model all within an hour after receiving my inquiry. TIP-if an article includes address/email then they are soliciting comments.
2. I often check for wing warps using an incident meter. When the plane is near completion check it again for warps. In some cases if you are not careful the wings struts can warp a wing if they are not cut to the proper length.
3. Close to the final build I determined the finished model would not balance laterally. The left wing was heavy and required 7.2 grams to balance. I was able to correct this by using a heavier receiver flight battery pack and setting it off center. Another easy solution would have been to bolt some lead sheet to the inside surface of the wing aileron cover. Don't just glue the lead in place for fear it would come loose and do damage elsewhere.
4. I used Rustoleum Camouflage spray paint from Ace Hardware for finishing the cowl.
5. This Cub project was meant to be an easy build and it was. However, I can easily get carried away for scale projects are never truly finished. You have to draw the line somewhere. There are several classes of scale: Museum quality; Standoff scale; Sport and Expert Scale, etc.
6. I created a new class for this project---"Across the Street Scale" if it is sitting on the sidewalk across the street and it looks like a Cub then it is PERFECT!





Great Tips!

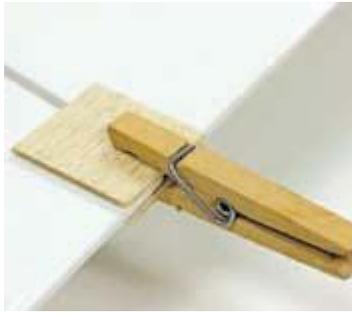
[Debra Cleghorn](#)

[January 26, 2017](#)

[Featured News](#), [How-to's](#)



Have you ever noticed the slick surface on a new covering iron after you first pull it out of the box? The iron seems to float on top of the plastic covering, giving you a beautiful finish. However, after time goes by and the iron gets a little older, the smooth Teflon feel on the surface just goes away. Here is a simple way to rejuvenate that old iron. When the iron is cool, add a little baby powder to the surface and rub it in with your fingers. This will give the contact area a new surface that will glide much more easily over your covering. You can reapply powder as needed to keep the iron gliding smooth.



When setting up the aileron linkage, it is helpful to have a third hand holding the aileron in the center position. The next best thing is to make this simple alignment jig out of a clothespin and two pieces of balsa. Just put the two pieces of balsa above and below the aileron centered on the gap between the aileron and wing trailing edge. Attach the clothespin to hold the aileron in place. The soft balsa will help prevent the clothespin from marking the surface. Just be sure to remove it before operating the servo when testing the throws.

Until next time... Stay warm!