

The Marion Eagle Newsletter



<http://marionrcflyers.info>

MRCF

PO Box 9202

Rochester, MN 55903

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Flight Instructors: Ray Dray (507) 261-0930 cell

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Skip Gram <klgram@charter.net>

Program Chairman: Open volunteer position

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

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

Adult Membership \$75.00 per year

Family (Spouse) Membership \$75.00 per year

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

No Initiation Fee for New Members

*******Summer Meeting Schedule*******

The summer club meetings will resume starting May 8, 2019. They will be held at the Marion RC Flyers club field. Meeting time is 7:00 pm. So come out to the field and enjoy putting in some flight time before or after the meeting.

2019 summer meeting schedule:

July 10th; August 14th; September 11th

See you there!

Electric Indoor Flying at the National Guard Armory

Wednesday's starting at 9:00 am.

Please try and get to the Armory at 9 am. We need to set up the tables and chairs for our use. Many hands make the load light. Please help out putting up the tables and chairs after flying is over. Sometimes there are only two or three of us doing it. I realize that all of us are getting a little bit older and we move slower. Thanks ahead of time for helping out.

Wayne's Corner....

We had our Summertime Fun Fly on June 29th. We had a good turnout despite the warm weather. We had 50 people show up. Good conversations and fellowship. Everyone enjoyed lunch. Dallas Gardner served us up some mighty fine pulled pork. There were side dishes to go with that fine pork sandwich.

We setup the new club tables and canopies. Thanks to those who helped put up and take them down. Thanks to the members who put up and took down the road signs showing how to get to the Fun Fly.

All of the food and beverages served were donated by club members. Thank you for your generosity!

Around 13:30 Jim Owen did a flyby of the field in his Sonex plane that he built.



He finished painting the plane using the Thunderbird's Flight Team colors!



Thanks Jim....

I talked with Brian Poss about the roof of the shelter needing to be replaced. He suggested doing a metal roof that will last for years and be maintenance free. It would cost about 50% more than shingles, but the overall cost wouldn't be that great. This is something for us to think about.

I replaced some of the trim wood on the shed with the composite trim donated by Brian Poss. The wood around the sliding door needs to be replaced.

The Student Flight Instruction Program resumed in June

Beginner's Night: Wednesday afternoons/evenings. 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

- 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

June 12, 2019

Call to order: 7:00 pm

Treasurer's report: Accounts in good order

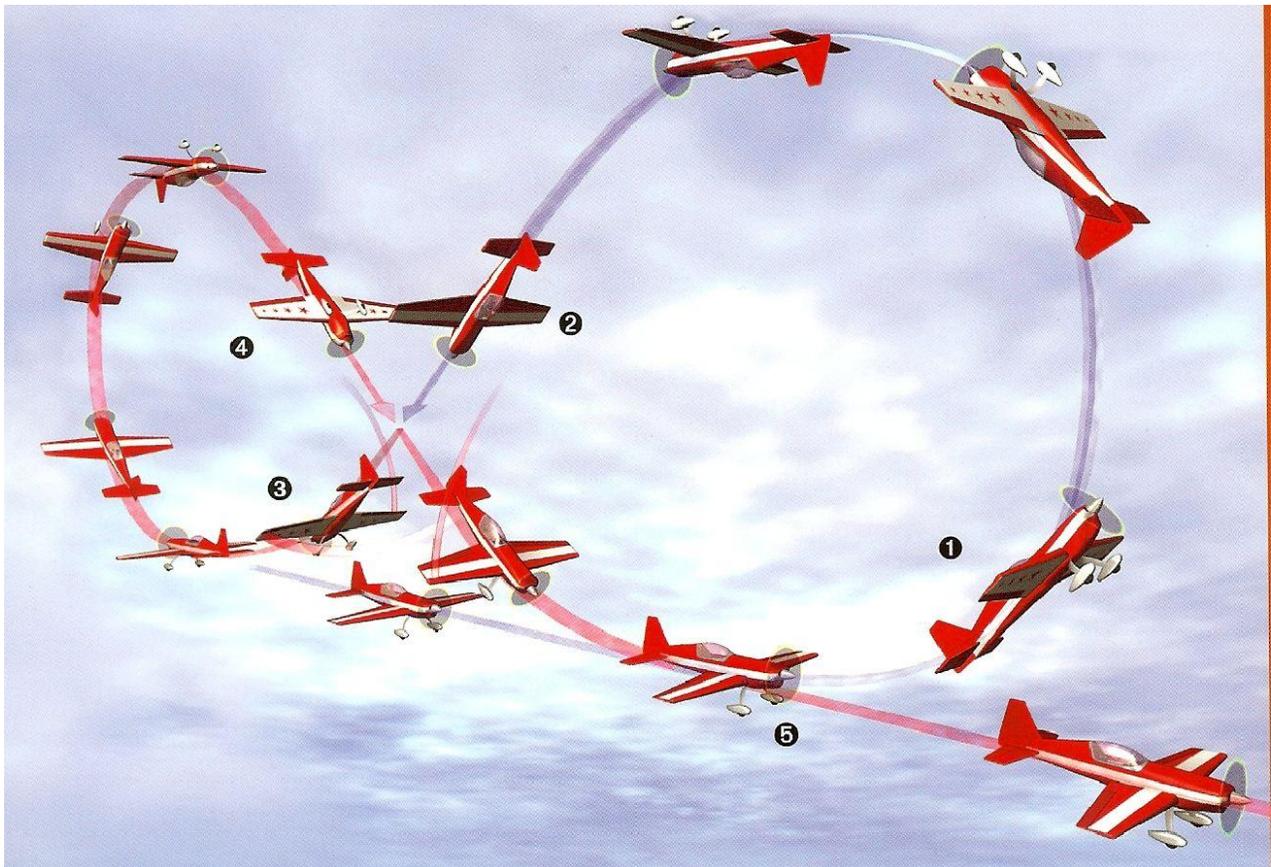
Officers in attendance: Wayne Brown; Skip Gram; Judi Snyder; Bernie Drier

Members in attendance (includes Officers): 12

Old Business: Winter meetings. The club members were in agreement to not have winter meeting for this coming winter season.

Adjourn: 7:10 pm

Master the Cuban Eight (Model Airplane News)



This precision aerobatic maneuver looks like a figure-S lying on its side. It consists of a $\frac{3}{4}$ loop with a $\frac{1}{2}$ roll as the plane flies inverted downward at a 45-degree angle, followed by another $\frac{3}{4}$ loop and another $\frac{1}{2}$ roll during the second descending angle. It is especially impressive when performed close to the ground.

STEPS TO SUCCESS

Step 1: Start the maneuver by flying at full power, straight and level, with the wind or downwind. Apply up-elevator as if you're going to do a loop.

Step 2: Continue the loop until the plane is inverted and heading downward at a 45-degree angle. As the plane goes over the top of the loop, release elevator and reduce power; if you don't, it will pull the plane off to one side during the roll. Be sure to keep the wings level during the loop.

Step 3: Apply aileron and roll upright. After doing the roll, let the plane continue downward until it is at the same altitude as when you started the maneuver.

Step 4: Add throttle and up-elevator to start the second half of the maneuver and perform another loop and $\frac{1}{2}$ roll and finish the maneuver in the same way as you did the first half.

Step 5: When you exit, you should be flying in the same direction and at the same altitude as when you started.

PRO TIPS

- as you become more proficient, make the loops larger and pause for a second before the roll. Try to place each roll at the same altitude so the maneuver looks symmetrical.
- Try a reverse Cuban-S and do the roll first. Start at a safe altitude, and apply up-elevator to make the plane climb at a 45-degree angle. Roll to inverted, decrease throttle to idle and pull up-elevator until the plane completes the first part of the loop. Recover, then increase power and do the other half of the maneuver in the same way you did the first.

Updated: June 26, 2019 — 12:19 PM

Tags: [Aerobatics](#), [cuban-8](#), [flight technique](#)

Fly straight or crooked as long as you fly!