



June

Minneapolis, Minnesota U.S.A.

2024

TCRC Building Contest Held May 14th

by Jim Cook

TCRC has a great tradition of holding an annual Building Contest in May, and the 2024 edition was held at CrossPoint Church on May 14th.

Over the years the Building Contest has had many forms, ranging from being held at the flying field and the winner having to prove that the plane was airworthy, to static contests held at the May membership meeting and having several categories that a builder could enter, to the current static version where there are no categories and everyone present is a judge to determine the one entrant that all the judges deemed to be the favorite.

Chris O'Connor has been the CD for the Building Contest for several years and was the one who settled on the current format for the event.

There were seven entries in the BC this year, which Chris was happy to say was a good increase over the previous year. All aircraft were well-built and deserving entries in the contest. There were 21 members present who all became critical judges. Their task was not easy to pick only one aircraft as winner from the seven entries.

However, when the dust had settled, Brian Johnson's Ace 4-60 emerged as the winner of the building contest.

This past winter, Brian held a 'building night' once a week at his house and several TCRC'ers took part. Brian constructed his 4-60 from an original 1980's Ace kit. He had modified the kit, eliminating the turtle deck and fortifying the craft with carbon fiber in several places. It was done in white 'kote' with blue trim and powered with an OS 70 Surpass 4-stroke engine. It is not believed that the nice-looking bird has had its maiden flight as yet.

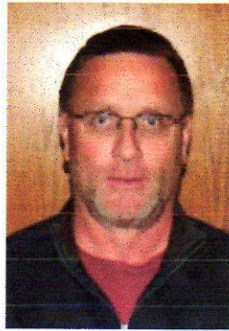
Congratulations to Brian, and thanks to the other entrants for making the BC a competitive event. Special thanks to Chris O'Connor for CD'ing a great contest! ☺



Brian Johnson proudly displays his Ace 4-60 that was judged the winner of the 2024 TCRC Building Contest. (Photo by Tim Wirtz)

A Note from The Head Wing Nut

By Bob Briesemeister



Hello Members,

Enough with the rain, I'm having to mow my lawn twice a week! I guess that we are paying for the mild winter, lack of snow and being able to fly off the runways most of the winter. At least we have the Fairgrounds as a back-up. Cross your fingers that the rain machine gets back to normal rainfall soon. Look on the bright side, we have not had any severe weather or tornadoes.



The TCRC Spring Swap Meet having to be held at the Fairgrounds Flying Site worked out pretty well. (Photo by Bob Briesemeister)

With the field being flooded the Spring Swap Meet was moved to the Scott Fairgrounds and held on the 19th of May. The turnout was not as good as last fall but there were still around 20 or so people selling their items with most being members and a few from other clubs, or someone selling their father's airplane collection. With the day being nice, some members got in a couple of flights. The nice weather might also have contributed to the lower turnout with people flying at other fields. We will continue having swap meets with the hope that they keep growing. The

next TCRC swap meet will be on September 28th and should be at the Jordan Field.

Unfortunately, the Spring Float Fly had to be cancelled due to the prediction of winds of 10 to 15 mph with gusts of 30. We will try again in the fall, scheduled for Saturday, September 14th in Bloomington at Bush Lake Park.

There are a couple of Fun Flies coming in June: The first is the TCRC Invasion of Grassfield's Flying Field. All club members should have received an email inviting TCRC members to this event at their R/C flying field in Osseo on Saturday June 8th from 8 to 3pm, with lunch provided. I would like to thank the membership of the Grassfield RC Club for their hospitality and having us this spring. TCRC is hoping to have Grassfield's members visit Jordan sometime this fall.

The second event is the TCRC Electric Fun Fly on Saturday June 15th. The fun fly will be held at the Scott County Fairgrounds. There will be some skill events and the possibility of a paintball gun showing up. This event is open to anyone with a current AMA membership. Remember this event is for electric power planes only.

The June membership meeting will be held on the 11th of June at the Fairgrounds. My plan is to bring the grill over and have dinner at 5:30 and the meeting at 7. If it is raining the meeting will be moved to Crosspoint Church at 7pm. Check your email if the weather is looking like we have to change the location. ☺

TCRC INVASION

Grassfield RC Club Invites TCRC to join us to have Fun and Fly
8901 101st Ave N Brooklyn Park MN 55445

Raffle
Lunch will be Served



Saturday June 8th, 2024
8am-3pm or later

HORIZON
H O B B Y



www.grassfield.org AMA Club Charter #1405



Minnesota River Report

With the continued rainfall, which is badly needed in Minnesota, the Minnesota River has continued to rise and remain above the 18-foot mark at Jordan, where the TCRC Flying Site becomes inundated with flood water.

On June 2nd the River was 23.2 feet. Projections are that it will rise to a crest of 26.3 feet on June 7th, and probably remain around that level for a period of time. The National Water Prediction Service (NWPS) has not yet predicted the River level past June 9th. However, looking at the previous week's levels and the next week's predicted levels, it is prudent to assume that the water may be above the 18-foot mark for a couple of weeks past June 7th.

If we do not get heavy rainfall west in the Minnesota River basin, it is possible that the field may be clear of water near the end of June. However, the field does need time to dry out before the club can schedule a clean-up date. The officers will keep the membership informed as to when we can reclaim the field.

As an added note, the National Water Prediction Service (NWPS) is replacing the Advanced Hydrologic Prediction Service (AHPS). The NOAA website that charts the Minnesota River level at Jordan and makes the predictions is changing. Right now, when a person goes to the old site, that site automatically goes to the new prediction site. ☺

Grassfield And TCRC Fun Fly

Grassfield RC Club would like to invite all TCRC members to travel north for a fun fly Saturday, June 8th, 2024. Flying will be from 8:00 AM until 3:00 PM or later.

Lunch will be served and a raffle will be held for all in attendance. We would love to have a great turnout from TCRC. We are looking forward to seeing you and sharing our flying field with you for a day of enjoyment.

■ Charly Skalbeck, President ☺

AWN

(Assistant Wing Nut)

by Chris O'Connor



Well, it seems as if Mother Nature doesn't want to give up yet. So, we have to make do the best we can.

First, if any of you have Amazon Prime and can watch the TV using Amazon Prime there is an awesome documentary out on the Blue Angels. It features the 2022 airshow season and gives an interesting look at the training and actual flight footage from inside the cockpit. It's a must see!

Second, TCRC has been invited to come fly at the Grassfield RC Club field in Osseo this coming Saturday June 8th. I've never flown there but look forward to trying out their field. I hope to see many of our members there flying. A good way to get some flying in!

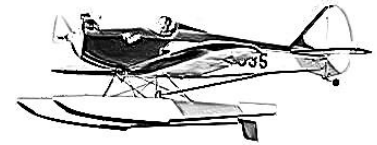
Thirdly, I wanted to thank everyone that entered an airplane at the Building Contest held at our May meeting. We had seven planes entered, the most for a number of years, and the one that won was actually built from balsa wood, not foam. Congratulations to Brian Johnson and his winning plane. Brian had a building night or day throughout the winter with other members coming to his home to build. Glad to see people building again, it's very rewarding to fly something that you have built. Good job everyone and thanks Brian for the use of your shop. Maybe even more next year.

Building a plane with less flying time available might be good for the soul right now with all this rain and wind we've been getting. What's your favorite model? Do you have one or flown one, if not maybe start building one.

I have many favorites, but one of the ones I've been working on and is ready to paint is a pattern plane from the 70's called a Mach One. Great flying plane, I think I have had two or three. Many of you may remember this plane. The first time I ever saw a Mach One fly was at TCRC's annual pattern contest that we used to have. We always had great attendance and got many out of town flyers. Norm Page, I believe was from Chicago and brought his Mach One that he designed. It was amazing to watch how precisely he flew and how well the plane performed. One thing I will always remember is how big his maneuvers were. He influenced me on how I fly. I try to do big loops, rolls etc. ever since watching Norm Page. I wonder if he is still flying. I hope to work on painting my Mach One this year. Balsa models fly great, try one!

See you at a flying field somewhere.

TCRC Spring Float Fly Cancelled



The TCRC Spring Float Fly that had been scheduled for Saturday, May 18th, at Bush Lake Park in Bloomington had to be cancelled this year due to high winds.

CD for the event, Steve Meyer, felt bad having to cancel the event, but safety always comes first. Minnesota has had more than its share of strong winds this spring.

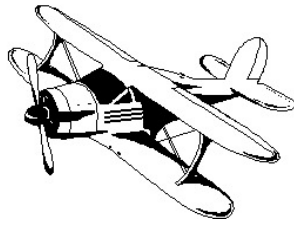
TCRC had spent considerable time making this an AMA-sanctioned event and obtaining temporary FRIA (FAA Recognized Identification Area) so that AMA pilots flying at the event would NOT be required to have remote ID broadcasting modules on their aircraft.

The TCRC Fall Float Fly is scheduled for Bush Lake Park for September 14th, and Steve is boldly predicting great weather and flying conditions for the event. The club plans to have this event AMA-sanctioned and with temporary FRIA status.

Make your plans to attend the TCRC Fall Float Fly on Saturday, September 14th. ☺

☺

Show & Tell



A couple of nice planes showed up for Show & Tell at the May membership meeting. Actually, both planes were entrants in the TCRC Building Contest but were also shared in S&T after the contest.



Ken Weddell had a great looking 4-60 which he built from an Ace kit. Actually, TCRC'er Brian Johnson had hosted a weekly building session at his house and Ken built the 4-60 at those sessions. Brian also built an Ace 4-60 at the same sessions, and he actually won the Building Contest with it. So, Ken's 4-60 is a sister to the 2024 BC winner. Ken's finished aircraft weighed in at 8-pounds 6-ounces and was done in white 'kote' with red trim lines. Ken said he built his plane according to the plans with no modifications. He powered the aircraft with an OS 70 Surpass 4-stroke. The wingspan was around 60-inches. As of the May meeting, Ken's 4-60 has yet to have its maiden flight but should take to the air as soon as the Jordan field is free of the Minnesota River.

Prolific Larry Couture had another new airplane at the meeting. (See photo to the upper right.) Larry said he had seen this plane in his mind and decided to build it from scratch. He had actually seen a photo of the plane. It is the Bat-Plane from the Batman comic books and movies, and Larry had decided he needed to construct one. He said he really didn't quite like the

lines of the Batman plane he had seen, and so made design modifications. He scratch-built the aircraft from his mental plans.



It was covered in black Monokote with the yellow bat insignia. It came in with an 86-inch wingspan and a weight of 9-pounds. He powered it with a Saito 180 4-stroke engine. Larry said this is the 16th time he has constructed a plane from scratch. As of the meeting the Bat Plane has not had its maiden flight and it must wait until TCRC reclaims the Jordan field from the Minnesota River. 😊

A member can have his new or rebuilt airplane appear in the Show & Tell column just by sending a picture of the plane and a data sheet about the plane. (Data sheets can be obtained on the club website, TCRCOnline.com).

Send your pictures and info by texting to Jim Cook at 952-200-2030 or emailing them to him at jimcook888@q.com. Data arriving before the last day of the month should make the newsletter.

Now, you don't have to attend a meeting to show the membership what you have been building.

TCRCOnline.com

Are You Using It?

Remembering Dick Voeltz

by Bob Breisemeister



It is with much sadness that I'm writing this note on the passing of long time TCRC member Dick Voeltz. Dick had been battling cancer for more than 4 years with many radiation and chemo treatments.

Dick was a member of the club for 15 years and was always willing to volunteer his time to help out the anywhere he was needed. I could always count on him to work at the concession stand at the auction and he would be there for set up on Friday and to tear down on Saturday. If I needed help moving equipment up due to the field flooding or bringing it back down, projects at the field or help with mowing I could count on Dick lending his big hands.

You could usually find him flying with the Monday group, crashing, and taking pictures of the flooded field with his drone.

Bald Eagles Meet Every Wednesday Morning

by Jim Cook

Every Wednesday morning around 7:30 a group of R/C flying enthusiasts meet at Perkins Restaurant located at the intersection of I-494 and France Avenue in Bloomington, to discuss R/C flying, have a great breakfast and enjoy the excellent camaraderie.



The Bald Eagles at their usual table at Perkins Restaurant in Bloomington. (Photo by Scott Anderson)

The group, founded by the late John Krekelberg, a long-time member of TCRC, was dubbed the Bald Eagles, and they have been meeting in Bloomington for many, many years.

Because of the early morning time, it was thought that you had to be retired to partake of this group, but over the years that has proven not to be true. In addition, you do not need to be a member of TCRC. You do not need to be a member of AMA. You do not need to be bald. What you do need is an alarm clock and a desire to meet and have an enjoyable morning with a bunch of guys who have a love for airplanes.

Stop in some Wednesday morning at Perkins in Bloomington and join the Bald Eagles for a very enjoyable hour or two. ☺

For many years I would ask Dick to start the membership meeting with a joke and he always had one or two to get us going. When I have more information on his Memorial I will forward it to the membership. I will miss his sense of humor and spirit. I've never been good at telling jokes but this is for you Richard. A man walks into a bar ...

Belyayev Babochka (Butterfly)

by Conrad Naegele

The May Mystery Plane was the Russian Belyayev Babochka.



The concept of this airplane was to test the center of lift versus the center of gravity, an unknown theory in the 1930s. This experiment resulted in a one off plane. This seemed a rather useless plan, since thousands of wings and planes had already flown, with no problems.

The plane, with its peculiar wing, was ready for flight testing. The plane was a low-wing monoplane, of usual construction. It had a rather large piston engine and was of all-metal. The object was to make a wing flexible, and flex upwards, and one section to flex down, and still remain stable (Why?). Fuselage had a tandem cockpit, and for some reason had a rather small stabilizer and elevator, for a plane this size.

The aircraft, built at the outbreak of WWII, had very little flight testing, and there was no reason to think it would have been any more useful than some Russian fighters already in production and proven in combat. The idea of upper and lower flexible wing panels disappeared, and, of course, no production resulted.

The Babochka was a two-seat fighter-bomber with a wingspan of 35-foot six-inches, a weight of 2,266-pounds, and a speed of 317 mph. It was powered with a Renault M-V 6-cylinder air-cooled engine that developed 270 horsepower. ☺

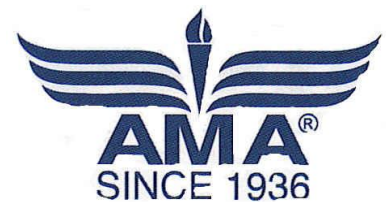


Membership Report

by Tim Wirtz

TCRC membership is at 106 with two returning members in May.

The new membership cards with their laminated badge holders and clip were distributed at the May meeting. If you were not present at the May meeting you will receive your badge in the mail without the clip because it is too expensive to mail the clips as we need to have special envelopes. Because of that, the clips will be in a container at the field and members can grab a clip for their badge the next time they go flying. When I sent the badges through the mail, I included a note telling members that the clips are at the field in the container. ☺



MNBigBirds.com

Hawker Hurricane MkII
Kawasaki Ki-45 "Nick"
Focke Wulf TA-152H
Lavochkin La-7
Grumman Lynx
ARADO 96B
Howard Pete
Mitsubishi Ki-15 "Babs"
Thomas Morse Scout S4C



Composite Parts
Available Thru MICKO

Free! Scale Plan Downloads



Andersen Designs

Add'l Extras

- In Flight Videos
- Construction Articles
- Scale Documentation
- Paint Masks & More!

Calendar

- June 8 Grassfield & TCRC
Fun Fly
8:00 AM to 3:00 PM
Grassfield Flying Field
Brooklyn Park, MN

- June 11 TCRC Membership
Meeting At The Field
Fairgrounds Field
5:30 PM Dinner
7:00 PM Meeting

- June 15 Electric Fly-In &
Competition
Fairgrounds Flying
Site, 10:00 AM
Gerry Dunne

- June ??? Jordan Field Clean Up
& Fly-In

- June 28-30 AMA National
Fun Fly, Muncie, IN

- July 9 TCRC Membership
Meeting At The Field
Jordan Flying Site
5:30 PM Dinner
7:00 PM Meeting

- July 13 Wings Over Jordan
Jordan Flying Site
Bob Breisemeister



Electric Aircraft Only

VENUE CHANGE!!

Scott County Fairgrounds
7151 190th St SW
Jordan, MN 55352

Fun Fly Starting at 8:00 am
Different events to test your
flying skills

General electric flying throughout

Take Your Best Shot -
Shoot paintballs at a glow-
powered airplane!

\$10 for 20 paintballs
\$20 for 40 paintballs

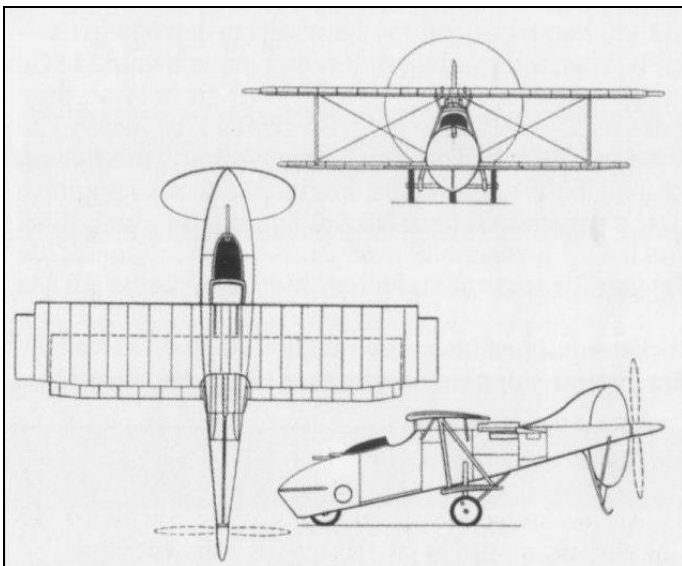
Concessions (free will donation):

- Burgers
- Hotdogs
- Chips
- Soda/Water

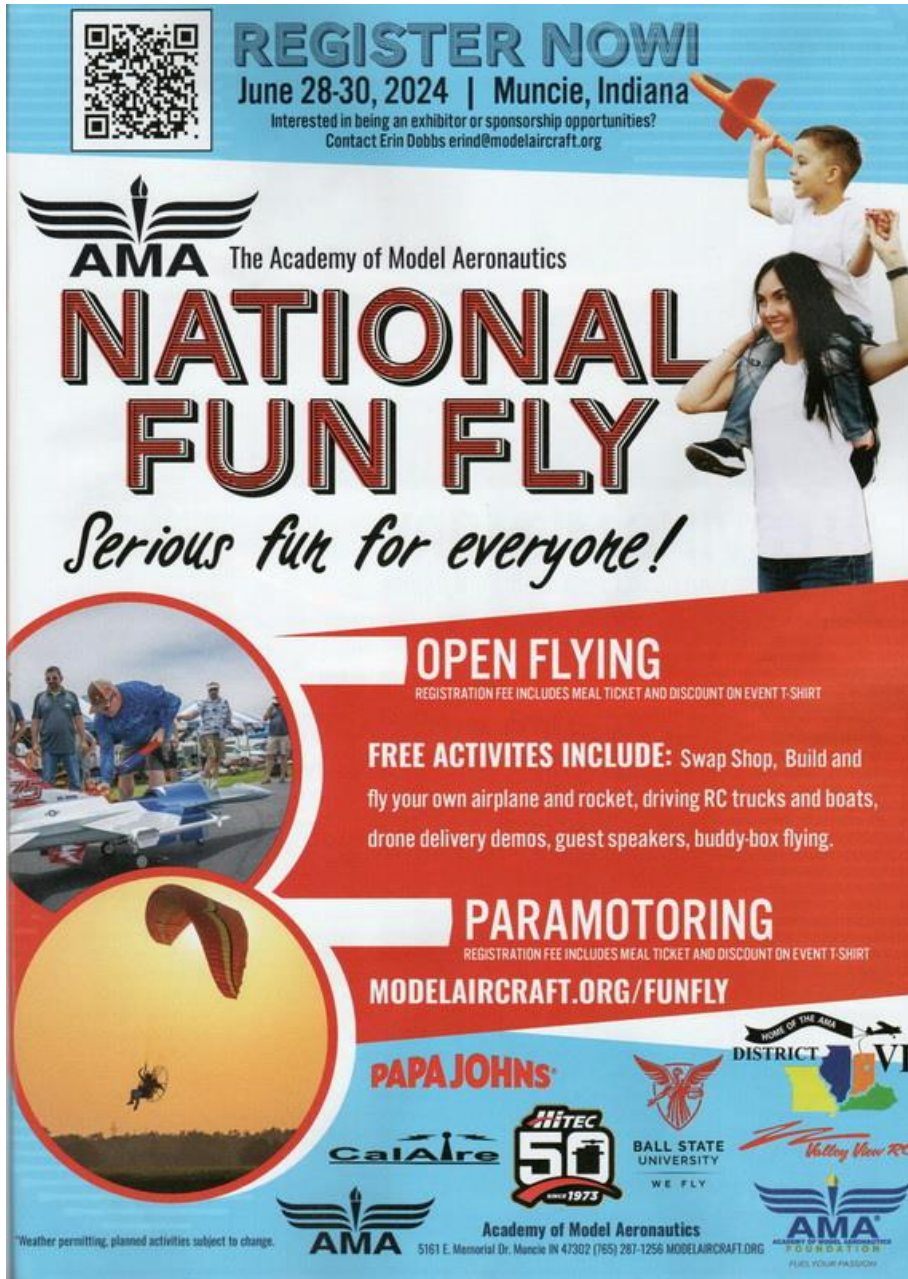


Contact Gerry Dunne
(612) 987-6342

June Mystery Plane



TCRC meets every month on the 2nd Tuesday at 7:00 PM in Fellowship Hall of CrossPoint Church located on the southeastern corner of the intersection of 98th Street and France Avenue in Bloomington. Guests are welcome to attend these meetings.



REGISTER NOW!
 June 28-30, 2024 | Muncie, Indiana
 Interested in being an exhibitor or sponsorship opportunities?
 Contact Erin Dobbs erind@modelaircraft.org

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FUEL YOUR PASSION

*Weather permitting, planned activities subject to change.

THE TCRC FLARE OUT Monthly Newsletter



****TWIN CITY RADIO CONTROLLERS INC.****

Purpose: To preserve, encourage, and further develop the hobby of building and flying radio controlled model airplanes.

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- President** Bob Breisemeister 612-964-8877
- Vice President** Chris O'Connor 612-619-5471
- Secretary** Ken Weddell 952-500-3446
- Treasurer** Tim Wirtz 952-941-5357

TCRC Flare Out

- Editor** James R. Cook 952-200-2030
- Publishers:** Tom Hall 515-664-7674

Website: <http://www.tcrconline.com>

18304

Join AMA At The National Fun Fly

AMA National Fun Fly is scheduled for June 28 to 30 this year at Muncie, Indiana.

AMA has made some changes from last year's National Fun Fly. They have removed the landing fee, so that almost all activities are free. They will have a raffle, swap meet, information booth and vendors. Of course there will be flying – R/C, free flight and control line. They will also offer drone emergency-response team presentations and drone package-delivery demonstrations. Biplane rides will also be available at a very reasonable price.

Plan on visiting the AMA headquarters at Muncie, Indiana and being a part of the 2024 National Fun Fly on June 28-30. ☺

If someone were injured at the TCRC flying field and you had to call 911, what would you tell the operator for the location of the emergency? You would tell the operator the fire number for our field: 18304.

For safety reasons, it is very important every member knows our fire number. Hopefully, we will have the fire number prominently displayed in the shelter at the field in the very near future. ☺

Show & Tell Data Form

Bringing a plane to the TCRC meeting for Show & Tell?

If you are, be sure to go to the club website TCRCOnline.com and print out a blank Show & Tell Data Form. Fill this out and make sure it gets to the newsletter editor, Jim Cook so that the correct information shows up about your new airplane in the newsletter.

Also, if Jim is not at the meeting, make sure someone takes a picture of your new masterpiece and emails the picture to Jim also. If he is not at the meeting, you can have someone take a picture of the completed form and email that picture to him also. 😊



The Spring Swap Meet held at the Scott Conty Fairgrounds on May 19th was well attend. (Photo by Bob Breisemeister)

Always Wear An Orange Vest To Retrieve A Plane

Hunting Season is over for Minnesota now, but that is no reason not to wear an orange vest if you have to go into the woods at the field. It is a club requirement to wear an orange vest if you go into the woods.

If your airplane does go down in the woods, the orange vests are quite close. The orange vests are stored in the rafters of the shelter and easy to reach.

Be safe! Wear an orange vest anytime you have to retrieve an airplane. 😊



The TCRC Membership meeting on June 11th will be held at the **Scott County Fairgrounds**, because of the recent high water at the Jordan Field.

The grill will be on and dinner will be served at 5:30 PM. The meeting will start at 7:00 PM. Bring a plane and get some flying in before enjoying a dinner on the club and then attending the membership meeting.

The membership meetings for July 9th, August 13th and September 10th are scheduled to be back at the TCRC Jordan field, weather and water permitting.

In case of bad weather the meeting will be at its normal time of 7:00 PM at CrossPoint Church in Bloomington. 😊

Lock The Gate!

It is very important that the gate to the field be kept locked at all times when there is no member present.

It is every member's job to lock the gate when he/she is the last one at the field. It doesn't matter the time of day or how nice the weather is. This simple rule is to keep the gate locked to prevent theft, vandalism and the unauthorized use of our land from occurring. 😊

Twin City Radio Controllers



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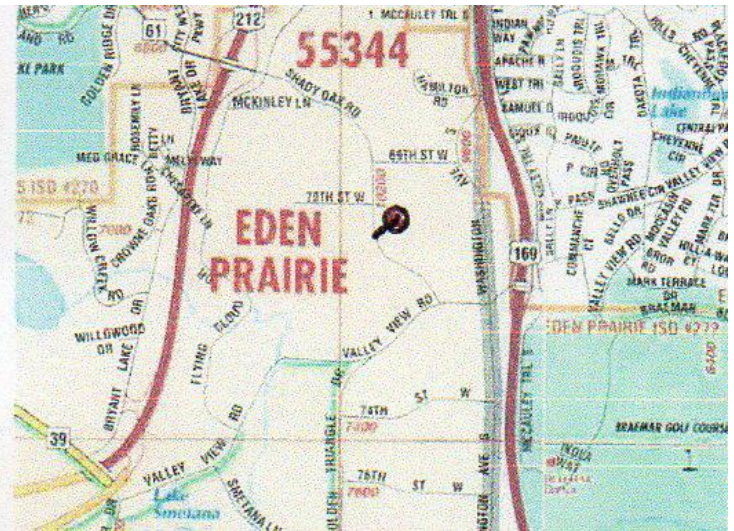
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