



February

Minneapolis, Minnesota U.S.A.

2022

TCRC Auction Postponed To April 30th, 2022

New Members

TCRC had two new members join the club in January.

by Tim Wirtz

The TCRC Board of Directors made the decision for the safety of our buyers, sellers, club members, and church members (who use the church immediately after the auction) that the Annual Twin City Radio Controllers Auction has been POSTPONED.

The new date will be **April 30, 2022**. While we all look forward to this event, we must keep the safety of those attending foremost in our minds. Moving the auction out allows the current surge of the Omicron variant to subside, greatly reducing the likelihood of any attendees contracting COVID.

The Board appreciates your understanding and hopes the new date works for you. If you have already completed a pre-registration form and received your seller number, you will be able to use that number for the new date.

The latest news, as of the end of January, is that the number of cases of the Omicron strain of the virus are starting to subside rapidly in 41 states, including Minnesota. Hopefully, this will continue such that by the arrival of April it will be very evident that the TCRC Auction can be held and that it will be safe who all who attend or work at the event. If that is the case, it is hoped that the attendance will be back to its normal level of previous years. Prior to the postponement of the auction set for February pre-registration was very close to the levels of previous years, which is a good sign that there should be plenty of R/C items for sale on the auction block.

For TCRC members, remember that this event needs all of its members available to work during the course of the day. Please plan on attending.

If you have any questions, please reach out to Bob Briesemeister at president@tcrconline.com. ☺



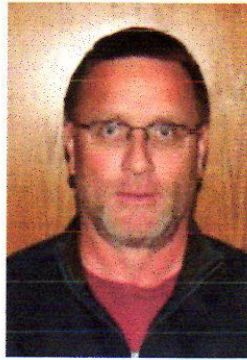
Wayne Baer lives at 2791 Piper Ridge Lane in Excelsior, 55331. His phone number is 612-240-5071 and his email is wbaer@att.net. Wayne has been flying for seven years and has a whole fleet of airplanes including a Corsair, Cub, Decathlon and Cessna 182.

Rich Raming rejoined TCRC after a two-year absence.

When you see Wayne and Rich at a meeting or at the field, be sure and introduce yourself and welcome them to TCRC. ☺

A Note from The Head Wing Nut

By Bob Briesemeister



Hello Members,

Just in case you haven't heard the 45th TCRC annual auction has been postponed until April 30th. The board decided it was in the best interest for the club to move the date with the COVID 19/Omicron variant spreading so rapidly. The feedback from our members and nonmembers has been positive. I will save my all hands-on-deck volunteer speech for the April newsletter. Please save the April 30, 2022 date, the club will need your help! Look at it this way, there is a good chance it will not be snowing, but it is Minnesota!

I saw an email from AMA about grants for field improvements or disaster relief. I asked Tim to look into it further. Tim wrote a powerful 250 word essay and sent to AMA along with pictures explaining our situation on the flooding and its impact on the runways. We did receive a grant 5 years ago and maybe they will find a soft spot in their heart to award us another one. Cross your fingers.

TCRC will be holding its monthly membership meetings at CrossPoint church along with a Zoom meeting for the months of February, March and April. We hope to then move them outside for the summer starting in May depending on field conditions. Chris O'Conner is out of town in Arizona for the next two meetings so I'm not sure if we are doing any programs. Please bring your winter projects whether they are complete or not and show the members what you are building.

Just a quick update on Dave Erickson. He is still battling COVID and is still very ill. Please keep him and his family in your thoughts and prayers.

The weather will soon be improving and getting warmer. Remember the field is open for your flying enjoyment.

Hopefully, I will see you at the February 8th membership meeting.
☺

**Figure Out What You Want To Buy
And Sell At The TCRC Auction**

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.

2022 Officers

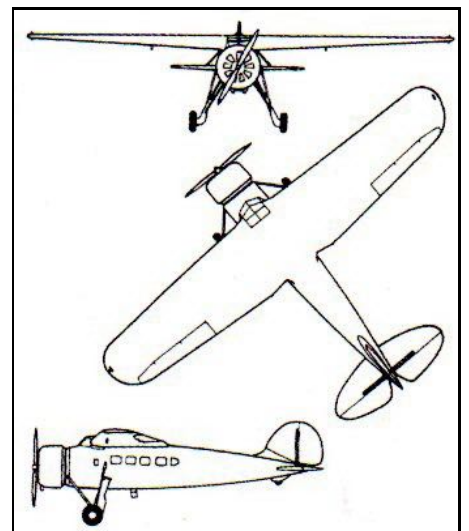
President	Bob Briesemeister 612-964-8877
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TCRC Flare Out

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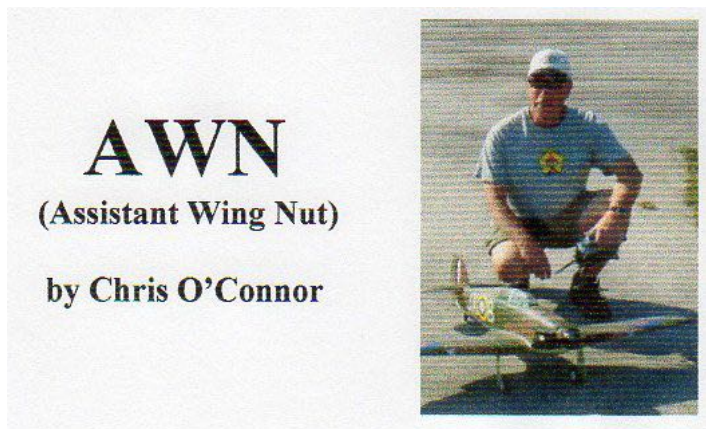
Website: <http://www.tcrconline.com>

February Mystery Plane



2022 R/C and Aviation Events of Interest

Date	Event	Remarks
TBD (Usually in June)	Discover Aviation Days	Anoka County Airport, Blaine, MN
June 16-18	Windy City Warbirds and Classics Non-spectator event for 2022	St. Charles, Illinois
June 17 – 18	Minnesota Jets 2022	SMMAC Field, Owatonna, MN
July 14 - 16	Air Supremacy Over Goshen	Goshen, Indiana
July 23 - 24	Wings Of The North AirExpo 2022	Flying Cloud Airport, Eden Prairie, MN
TBD (Usually in July)	Watts Over Owatonna	SMMAC Field, Owatonna, MN
May 23 - August 11	AMA NATS 2022	AMA National Flying Site, Muncie, IN
May 23 - 27	Free Flight Indoor	Round Valley Aerodrome, Eager, AZ
June 27 - 30	R/C Scale Aerobics	AMA National Flying Site, Muncie, IN
July 15 - 17	R/C Scale	AMA National Flying Site, Muncie, IN
July 15 - 17	CL Scale	AMA National Flying Site, Muncie, IN
July 17 - 23	R/C Pylon Racing	AMA National Flying Site, Muncie, IN
July 17 - 23	CL Carrier	AMA National Flying Site, Muncie, IN
July 17 - 23	CL Aerobatics	AMA National Flying Site, Muncie, IN
July 17 - 23	CL Racing	AMA National Flying Site, Muncie, IN
July 17 - 23	CL Speed	AMA National Flying Site, Muncie, IN
July 17 - 23	CL Combat	AMA National Flying Site, Muncie, IN
July 19 - 21	R/C Combat	AMA National Flying Site, Muncie, IN
July 23 - 30	R/C Soaring	AMA National Flying Site, Muncie, IN
July 25 - 29	Free Flight Outdoor	AMA National Flying Site, Muncie, IN
August 1 - 6	R/C Aerobatics (Pattern)	AMA National Flying Site, Muncie, IN
August 8 - 11	R/C Helicopter	AMA National Flying Site, Muncie, IN
July 25 – 31	EAA AirVenture Oshkosh 2022	Oshkosh, Wisconsin
TBD (Usually in August)	Northern Alliance Military Fly-In	SMMAC Field, Owatonna, MN
August 18 – 20	Warbirds & Classics Over the Midwest	Fond du Lac, WI
TBD (Usually the end of August)	Warbirds Over Iowa	Cedar Rapids Skyhawks, Cedar Rapids, IA
Discontinued	Indiana Warbird Campaign	Muncie, Indiana



Yeah, it's February, winter is on the down slide, we are getting more daylight and hopefully the temps are warming up soon. Many of you are coming along on those winter building projects.

It seems that many of the new ARF's, or the foam planes are scale models now. The scale models are nice flying planes.

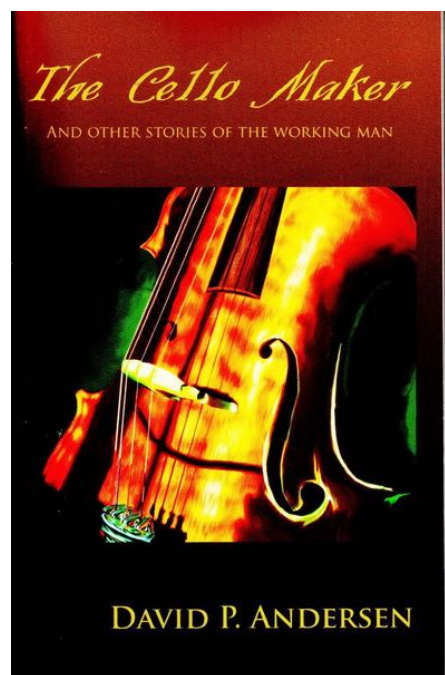
Have you ever thought about trying a warbird? They are great flying models, and most have the extra features of flaps and retracts. Retracts are very reliable with most being electric, but some air-operated. A couple of tips for using flaps and retracts. First with either one, don't extend them out while flying fast or at full power, reduce your speed to what you would use in the start of a downwind leg. Putting out flaps when going to fast puts lots of strain on you flap servos, strain on hinges, and probably will cause your models to pitch up. Too fast of an airspeed on your retracts can cause excessive pressure on your electric retract motors, more pressure on the gear doors and hinges and possibly keep the retract from locking into position. Most of these problems don't happen very often, but using good piloting skills will minimize these issues. Also, on some planes the gear mounting is not as strong as fixed gear, so be more gentle on your retracts.

Warbirds look great in the air, and for the most part are great flying models. If you are a little nervous about warbirds, start with one of the many foam models on the market. Remember, if buying a tail dragger especially, but any model, advance the throttle slowly, that helps take care of some of the torque or p-factor created by the prop. Warbirds offer the added complexity with the additional features that are fun to work with. A tip would be to look for a model that has a wide gear stance, such as a P-47 or most of the British Hawker models, Sea Fury, Typhoon, or even a FW - 190. These are easier to operate on the ground compared to a P-51, Spitfire or Me 109 with a narrow stance gear.

Happy flying!

Lastly, keep Dave Erickson in your thoughts and prayers for a complete recovery. ☺

Dave Andersen's Book Published



TCRC member Dave Andersen has published a book, *The Cello Maker and Other Tales of the Working Man*, and it is available from the Hennepin County Public Library.

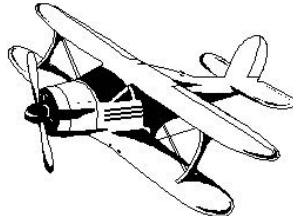
The book contains some stories previously published in *Flare Out*, *RC Modeler* and other magazines.

Here is Dave Platt's review . . .

"I find little time for reading and seldom go so far as to read a book. But Dave's proved to be the cause of missed appointments, untasted meals, sleep delayed. Can you spell 'I loved it?'"

Take the time to check out *The Cello Maker*. You will enjoy it! ☺

Show & Tell



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.



Mr. Electric, Gerry Dunne, had another plane for Show & Tell at the January membership meeting. Gerry had an Archer, an ARF from ParkZone. He won the ARF kit at the TCRC Banquet and has been quick to get the aircraft into the air. The plane was a foamy

ARF with a 37-inch wingspan. Fully loaded it weighed in at 16 ounces. It was, of course, and electric model. Gerry had its maiden flight and he was pleased with its performance. He said he got 8-9 minute flights with the 1,300 mAh lipo battery



TCRC Online Store

Donate your unwanted RC items
and support the club

We have store on eBay, Facebook and Craigslist. We get the best return on eBay but large items or complete airplanes sell better on Facebook Marketplace or Craigslist.

Things you can donate:
Engines, 2.4 GHz Radios, kits, planes.

Contact Brian Johnson at 763-744-6379
with any questions on how to donate.

Always Wear An Orange Vest To Retrieve A Plane

Every member is reminded to wear an orange vest if your plane goes down in the wooded areas surrounding the TCRC runways.

Minnesota is well into its hunting season and it will continue until the end of February.

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! Where an orange vest anytime you have to retrieve an airplane. ☺

Bring Your Winter Project To Show & Tell

Tupolev ANT-25

by Conrad Naegele

The January Mystery Plane was the Russian Tupolev ANT-25.



In the 1930's, almost all nations were interested in long-range flying records. The ANT-25 was first flown in June 1933. In construction, the plane was all-metal, with retractable gear, accommodation for four crew members, one flying and three in a small cubbyhole below the pilot.

The first flight was remarkable. Taking off from Moscow in June 1937, it reached the west coast of California, then ending in a forced landing. It had flown 5,673 miles in 63 hours, 25 minutes. Then a second flight left Moscow July 12, 1937, landed at San Jacinto, California, after a non-stop journey of 7,146 miles in 62 hours, 17 minutes.

These distances don't seem as spectacular these days. Max Conrad made several non-stop flights from Africa to the United States, and the record breaking flight of the Rutan Voyager, around-the-world non-stop, non-refueled – the record that cannot be topped. All of the Russian flights were done from an open cockpit!

The Tupolev was a long-range monoplane with a wingspan of 111-feet, 6-inches, and a speed of 163 mph. It was powered by an M34 R 12-cylinder, liquid-cooled inline engine that developed 950 horsepower. ☺

TCRC Meetings Continue To Offer Virtual Attendance

The advent of COVID-19 introduced TCRC to the world of Zoom meetings. Physical meetings were not possible, so the club held its meetings via the app called Zoom.

Now the club is back to holding its meeting at CrossPoint Church in Bloomington. But TCRC has decided to continue for members having the option to attend a meeting via Zoom.

Tim Wirtz acts as host, sets up the Zoom meeting, and furnishes the link to all members prior to the meeting.

At the TCRC physical meeting, Tim has his laptop there and sets up a camera so those in the Zoom meeting can see those in attendance.

This has worked well and the members appreciate having the option to attend a meeting when it is inconvenient to be there physically. ☺

**Next TCRC Meeting
February 9th**

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

Free! Scale Plan Downloads



Hawker Hurricane Mk II
1/4 Scale British Fighter

New!

Composite Parts Available Thru MICKO



Howard Pete
1/3 Scale Racer



New!

KI-45 DRAGON SI AYFR

Andersen Designs

Add'l Extras

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

TCRC Dues Renewal

by Tim Wirtz

It is time to renew your TCRC membership. Before your renewal application can be processed by TCRC, your 2022 AMA Membership must be current. A 2022 Membership Card will not be issued until the AMA website shows your AMA status as current. Your 2022 AMA Membership status will be verified using an AMA website application. There is no need to submit a paper copy of your AMA Membership status with this application.

To serve the TCRC Membership, the Board requires a signature of each pilot confirming their intent to abide by the Field Rules that are posted on the [TCRC Website \(http://www.tcrconline.com/documents/field_rules.htm\)](http://www.tcrconline.com/documents/field_rules.htm) and in the shelter at the main field. **This year, due to COVID, your payment of your yearly dues constitutes your acknowledgment that you intend to abide by the Field Rules**

TCRC Membership types are as follows:

- Regular** Those 19 years or over as of July 1, 2022
- Family** Regular member plus all son(s)/daughter(s). Pilots under 19 years of July 1, 2022 must have a current 2022 AMA Membership
- Junior** Those under 19 years as of July 1, 2022 (who are not part of a Family Membership)
- Social Affiliate** An affiliate of TCRC with no flying privileges (*does not require AMA Membership*)

The 2022 Membership Dues are listed below. **Receipt of payment is proof of renewal. NO NEED TO PRINT AND SEND THIS FORM**

Renewal Rates	
Regular membership	\$105.00
Family membership	\$105.00
Junior membership	\$47.50
Social Affiliate	\$35.00

If you had a Family Membership in 2022, your family membership will automatically be renewed as such with the family members on file. If there are additional family members that need to be added, please email treasurer@tcrconline.com.

When you renew, please confirm your email address and your phone number. (If corrections are needed, you can send it via email to treasurer@tcrconline.com.)

The preferred payment method this year is PayPal, however credit cards and checks will be accepted. If paying by PayPal, use the following links:

Regular Renewal

www.PayPal.Me/TCRCTreasurer/105

If paying by Credit Card, please call Tim Wirtz at 952-297-5226.

Mail your check payment to:

Tim Wirtz
1511 Emerson Ave N
Minneapolis, MN 55411

Pay your dues today and get the early renewal discount. 😊

Calendar

- Feb. 8** TCRC Membership Meeting, 7:00 PM
CrossPoint Church
Bloomington, MN
- Feb. 12** All Season Flyer Session, TCRC
Jordan Field
10-10-10 Rule
- Feb. 20** Duluth-Superior R/C Club
R/C Auction
Hermantown, MN
- Mar. 5** End of Winter Fun Fly
TCRC Jordan Field
10-10-10 Rule
- Apr. 29** Auction Set-Up
CrossPoint Church
5:00 PM
- Apr. 30** TCRC Auction
CrossPoint Church
Bloomington, MN






www.tcrconline.com

TCRC 45th ANNUAL AUCTION

Twin City Radio Controllers - Minneapolis, MN

Postponed!!!

New Date: Saturday, April 30th, 2022

CrossPoint Church
9801 France Ave S, Bloomington, MN

Main Auction
What's for Sale?

- R/C Airplanes, Kits, Engines & Radio Systems
- R/C Aircraft related stuff & support equipment
- NO Cars/Boats
- NO Unrelated Stuff

When:

Registration Begins	@ 6:45 am
Viewing	@ 8:15 am
Auction Begins	@ 9:00 am

Details:

- \$5.00 Admission: includes Bidder's Card
- \$20.00 Minimum Opening Bid. Nothing will be sold for less than \$20
- Commission of \$5 or 10% , whichever is greater, **on ALL ITEMS**
- SELLER MUST attach a brief description to EACH ITEM being sold.
- Pre-Registration Available for Sellers
- BUYBACKS @10% up to a maximum fee of \$20
- Credit Cards will be accepted for auction and concession purchases
- Sales Tax will be added to auction sales.
- Masks / Face Coverings Required**

Questions?

- Email Auction@TCRCOnline.com
- Call Bob 612-964-8877 or Scott 952-934-1471
- <http://www.tcrconline.com/pages.auction/htm>

Concessions

- Hot Coffee and Donuts
- Soda/Pop/Water
- Sub Sandwiches

No food or drink in the bidding area

Silent Auction

- For Items \$125 and up
- One Hour Exposure for all items in Silent Auction
- 5 items sold each HOUR for 6 hours
- Set your minimum (\$125 or higher), Bidders bid for one hour. Item sold to highest bidder
- Limited to 1st 30 sellers who choose this option
- Items are shown at random**

Bargain Table

- Items sold at fixed price \$15 - \$30, predetermined by Seller
- All Day Exposure
- All Items sold at the table
- \$5 flat fee commission



2021-2022 AMA Dues Statements

Most older TCRC members should have received their 2021-2022 dues statements in the mail this month from the Academy of Model Aeronautics. Newer members renew on the anniversary of the month they joined.

AMA 2022 dues are the same as the previous year. They are:

- Adult (19-65) \$75
- Senior (65 and up) \$65
- Under 19 Free or \$15 with *MA*

Your AMA membership gives you \$2.5 million in personal liability coverage, \$25,000 in medical coverage and also a subscription to either the print or digital *Model Aviation* for the year.

To belong to TCRC, you must have a valid membership for the year in AMA.

Please note that AMA also has a Park Pilot membership that has a cost of \$38 per year, but that membership is not valid for membership in TCRC.


To renew your membership in AMA, the Academy gives you four methods: at the AMA website, www.modelaircraft.org; by fax at (765) 741-0057; by phone at (800) 435-9262; or by returning the renewal form you received in the mail in the supplied envelope.

Pay your AMA dues today to make sure to avoid a lapse in membership services. 😊

Great Programs At The TCRC Meetings



Vice President Chris O'Connor has presented some great programs at the TCRC membership meetings. (Photo by Scott Anderson)



2022 Duluth-Superior RC Auction

Sunday - February 20, 2022

Aad Shriner's Event Center
5152 Miller Trunk Highway
Hermantown, MN 55811

- Attend in person or via Zoom
- Item Submission Times:
 - Saturday 7:00-8:00 pm
 - Sunday 6:30-9:00 am
- Auction Starts @ 9:00 am

Pay Options

- Cash
- Check
- Visa
- Mastercard
- PayPal
- Venmo

- Read Auction Rules or Purchase a \$5 Bidder Number on our website: duluthsuperiorrc.com
- Zoom link & Bidder Number will be sent following purchase
- Bidder Numbers can also be purchased at the auction
- Face coverings are optional unless required – Plan accordingly

For More Information:

Call: Jamie Bird (218)393-5421 or Nancy Johnson (218)310-8123

Email: Duluth-SuperiorRCclub@hotmail.com



Show & Tell 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 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. 😊

Membership Report

by Time Wirtz

We have had strong member renewals through January and now stand at 86 members. Rich Raming has rejoined after being away from the club for two years.

In other news, I applied for an AMA Field Improvement Grant to offset some of the cost of the runway makeover last year. The most we are eligible for is \$3,000 but it is something. The final date for submissions is tomorrow and we should know within a month or so if we have received the grant. We've applied for this before - after the last paving and did receive \$2,100 dollars then. If there are other clubs that haven't applied for and won grants before, we would be behind them in awards. I'll keep you posted. 😊

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.

Twin City Radio Controllers



HOBBY

HOBBY ZONE
EST. 1979

Check us out! 952-941-1866
info@hobbyzone.com

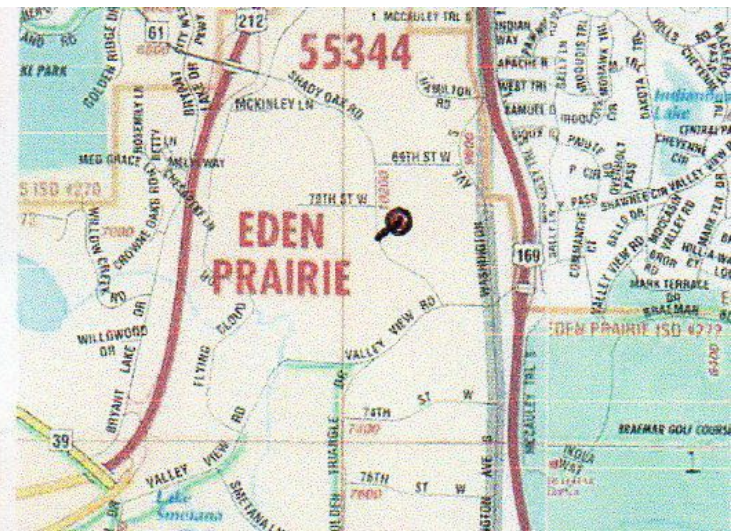
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