



December

Minneapolis, Minnesota U.S.A.

2019

Great Food And Fun At TCRC Annual Banquet

by Jim Cook

November 16th found a lot of TCRC members and their spouses at David Fong's Restaurant in Prior Lake for the club's annual banquet.



President Bob Breisemeister welcomes the members and spouses in attendance at the TCRC annual banquet. (Photo by Jim Cook)

Members started arriving at Fong's at 5:00 PM and they were greeted with the smiling faces of Jayne Breisemeister and Jackie Lundquist as they checked them in and gave them the first of many raffle tickets they would get during the course of the night.

Cocktails and camaraderie were the first orders of business as the group selected their tables and reacquainted themselves with the other spouses and members.

Hors d'oeuvres showed up at the buffet table around 5:30 and again Fong's cuisine was fantastic. While everyone enjoyed the appetizers, they also found they had two different questionnaires to complete as well as an airplane picture to color. One of the questionnaires was a list of books and movies on airplanes a person had to complete, and the second the identifying of the markings on various international airlines. The stakes were high to complete these tasks as additional raffle tickets were given to the participants.

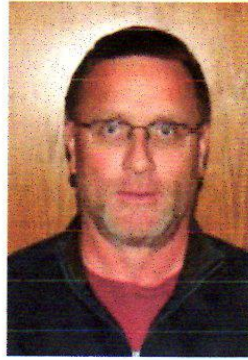
The dinner bell rang at 6:00 PM and everyone was treated to a buffet of fantastic Chinese food. That is everybody but Larry Couture, who was seen munching on a steak dinner!

After dinner, it was time to construct and fly paper airplanes, for even more raffle tickets. The designs were widely varied, as were the results of the flights.

Continued On Page 3, Col. 1

A Note from The Head Wing Nut

By Bob Briesemeister



TCRC Members,

I hope everyone had a nice Thanksgiving and that you were able to spend time with family and friends. I apologize for the newsletter being late but with the holiday and the snow I ran out of hours to get it done on time.

The elections were held at the November membership meeting. The board is the same as it was last year. I would like to thank the board members for stepping up again for 2020 and another year of service.

If you did not make it to the annual TCRC banquet you missed out on a fun time. Hopefully you can make it next year, there is always room for more. We reverted back to our childhood with flying paper airplanes and coloring airplanes. There were some table games and yes, Jeopardy was back with new categories and only one about airplanes. There were some nice prizes for both the women and men to win.

I need to give a big Thank You to a few people who helped out this year. Tim Wirtz did the Jeopardy questions. Chris O'Conner and Nancy Johnson did the table games. Jim and Jackie Lundquist helped with set up and with registration. And my wife Jayne with the ladies' gifts and registration. I could not do this job without her help and support.

TCRC's next big event is the Auction on February 1st, 2020. Yes, I did say 2020. It's not too early to start thinking about what you want to

sell or purchase. If you think about it, the auction is less than 2 months away and it will be here before you know it. As usual we need all hands-on deck to make things run smoothly and ensure it is a huge success. This is our only fundraiser so please put this important date on your calendar and plan on being a worker, a buyer and a seller at the TCRC annual auction.

The board will be doing next year's calendar and budget and plans to have both ready by the next membership meeting. If there is anything you want on the calendar, please let me know and we will see if we can work it in. Just remember we don't control the flooding. HAHA!

Please bring your projects and airplanes to the upcoming meeting on December 10th to share, even if they are not finished.

Remember the field is open for flying year-round. Put on your skis or try a float plane and do some cold weather flying. It can be invigorating!

Merry Christmas and Happy New Year and may all your wishes come true!

Hopefully we will see you at the December meeting. J

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

New!



Hawker Hurricane Mk II
1/4 Scale British Fighter

New!



Howard Pete
1/3 Scale Racer

New!



KI-45 DRAGON SI AYER

Composite Parts Available Thru MICKO

Andersen Designs

Add'l Extras

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

TCRC Annual Banquet

Continued From Page 1

President Bob called a break in the competitions and everyone settled back in their seats.

Club Historian Scott Anderson came forward and presented club service awards to the members. These are given to each member for each 5 years of membership in the club. The highest award was for 45 years. The actual awards are detailed on page x of this newsletter.

Jim Cook was then called forward to make the Walt Billett Award presentation. This is the club's most prestigious award, being given to that person who best personifies the purpose of TCRC: To preserve, encourage and further develop the hobby of building and flying radio-controlled model airplanes. That presentation is detailed on page x of this newsletter.

Following the presentations, it was back to the job of accumulating more raffle tickets. The game was Jeopardy, and Tim Wirtz was the mastermind behind the categories and questions. The categories ranged from airplanes to National Parks to Minnesota, with 5 levels of difficulty. The risk of a tough difficulty was awarded with more raffle tickets, and the competition was fierce.

Jeopardy ended the competition. Everyone then proceeded to the prize table and put what they hoped was the winning ticket in the various

Continued On Page 4, Col. 1

Arrival At The TCRC Banquet Was Greeted With Great Smiles



Jackie Lundquist and Jayne Breisemeister were the hostesses that greeted everyone at the TCRC Banquet. (Photo by Jim Cook)

Lots Of Room At David Fong's



Besides great food, Fong's is very spacious and allows lots of fun activities at the banquet. (Photo by Jim Cook)

TCRC Annual Banquet

The Competition Was Fierce And The Prizes Were Great!

Continued From Page 3

prize buckets. When the dust settled, there were lots of happy faces on those who had their tickets pulled from the prize buckets.

That ended the 2019 edition of the banquet and it was time for all to head for home. A big thank you to Bob and Jayne Breisemeister and Jim and Jackie Lundquist for hosting the banquet. A special thank you to Tim Wirtz for putting together a great game of Jeopardy.

Plan on making the 2020 TCRC Annual Banquet part of your schedule next year.

(See pages 5 and 6 for even more photos from the TCRC Banquet.) J



There were six nice ARF airplanes for prizes, but also lots of other neat things to be won at the raffle. (Photo by Jim Cook)

Calendar

- Dec. 7 All Season Flyer
Finale, Jordan Field
10-10-10 Rule
- Dec. 9 TCRC Joint Board
Meeting, 7:00 PM
President Bob's Home
- Dec. 10 TCRC Membership
Meeting, 7:00 PM
CrossPoint Church
Bloomington
- Dec. 25 Merry Christmas!
- Jan. 1 Happy New Year!
- Feb. 1 TCRC Annual
Auction
CrossPoint Church
Bloomington

Two Alexs At TCRC Jeopardy



Tim and Bob ran a spirited game of Jeopardy with neat categories and interesting questions. (Photo by Jim Cook)

Pictures From TCRC's Annual Banquet



David Fong's Restaurant in Prior Lake is a great place for the TCRC Annual Banquet.



Cocktails were available for the early arrivals at the banquet at Fong's.



The many entrants in the coloring contest were everyone a work of art!



They were all works of art but the winner in the coloring contest was a masterpiece.



Allan and Kathy Boucher sample the appetizers.



TCRC cake made a great dessert.

More Pictures From TCRC's Annual Banquet



The backdrop at the banquet had a continuous slide show of pictures taken during 2019.



Packer fan Conrad Naegele presents Packer fan Jim Cook with a neat Green Bay Packer mug.



The paper airplane toss had the contestants lining up to see their designs fly or fail.



Somehow Larry Couture went to the buffet and ended up with a huge steak for dinner.



The more tickets, the more chances to win!



Lots of happy winners at the TCRC banquet.

Morgan Larson Presented TCRC's Walt Billett Award

by Jim Cook

The highest honor a member of TCRC can be given is to be presented the Walt Billett Award. This is given to that members who personifies the purpose of TCRC: "To preserve, encourage and further develop the hobby of building and flying radio-controlled model airplanes."



**Previous WBA winners Conrad Naegele and Larry Couture present Morgan Larson with the coveted Walt Billett Award trophy.
(Photo by Jim Cook)**

The recipient of the award for the year is chosen by the past three winners of the award. In 2019 the award committee consisted of Conrad Naegele, Larry Couture and David Erickson. After meeting, they had a unanimous choice for the 2019 winner. They asked Jim Cook to make the presentation for the award.

Jim explained that the award has been given to recent members and to long-time members. He explained that the 2019 winner was from the latter group.

The recipient had been in the club for 40+ years and was both an accomplished builder and a good flyer. He was also a member of the Bald Eagles, the group of retired members who met for breakfast every Wednesday at Perkins Restaurant in Bloomington.

The recipient was a believer in participation and in his 40+ years of membership, had not missed a handful of monthly meetings. He always could be counted on at being present at the club's manpower projects, which included the auction, field clean-up sessions and Model Aviation Day.

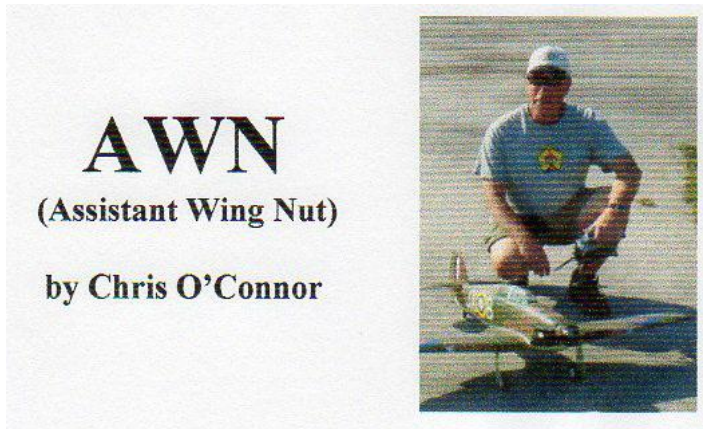
When at the field, he was quick to lend a helping hand to the beginner to the hobby as well as the seasoned veteran. He had a vast knowledge and experience in the hobby and was always willing to impart that knowledge and experience when they were needed. He was extremely loyal to the club – a backbone of TCRC.

Jim explained that he was a Mode 1 flyer and also old school. He was somewhat resistant to change – if it worked why try something else? But he had just recently purchased his very first 2.4 GHz transmitter. This final comment by Jim made everyone know that the 2019 recipient of the Walt Billett Award was Morgan Larson.

By the reaction of the crowd at the banquet, it was obvious that Morgan was a great choice for the winner.

Congratulations, Morgan! J

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.



With the snow on the ground, brings what I would call building season. Although not the same type of building season that we had in the past, but still something to do during the winter.

This winter before I start my building projects, I am doing my maintenance on Nate's and my fleet of planes, all five of them. I've gone through three of the aircraft and now I am on the two giant-scale models.

Nate's P-47 is getting a new engine and a thorough inspection of the complete airframe and related accessories. Servos, gas tank, fuel lines, batteries, hinges, control horns and pushrods. We had some issues that turned up while Nate was home. As careful as we are, we still had problems. One of the problems was with the engine running, the ailerons and flaps would twitch, but not when the engine wasn't running. Seems obvious now, but it turned out to be the spark plug lead was loose on the plug and also the screw-on cap at the end of the plug was also loose. That caused a lot of electrical noise. Problem was the plane was only being flown for a month and then I would work on it and wait for Nate to come back to test it. Turns out not to be very efficient.

After the P-47, the T-34 will be next. I had a bad ground on one of the elevator servos and that caused a loss of signal with the Rx. Luckily it happened on the ground, so no damage. Sent in the Tx and Rx to be checked. The transmitter was fine, but the receiver had a burn on the power buss from a spark off of one of the elevator servos. So new servos for the elevators and a complete inspection of that plane also. After that then I will be ready for spring and will start on my building projects.

I thought that for the program for the December meeting we could talk about and/or show what our winter projects will be. I will bring one of mine to show and talk about what changes I made to an existing model. Kit bash so to speak. Believe it or not it will be a foam electric plane. So, bring yours to talk about also. This will be a combined Show & Tell and meeting program all together.

See you at the December meeting.

Trailer For Sale

5x8 enclosed trailer with torsion axle, newer tires and wheels, front storage bin, rubber flooring with recessed tie downs, never driven in winter, pulls behind vehicle without any problems. A great way to haul planes around.

\$1500.00 firm



Contact Chris O'Connor
oconcj@gmail.com
 or cellphone [613-519-5471](tel:613-519-5471)

J

J

2019 Ugly Airplane Contest Results

by Sherwood Heggen

Another Ugly Airplane Contest has come and gone. Last year's winner David Langer made suitable additions to the coveted trophy and relinquished ownership to the newly crowned winner of the 2019 edition of this contest.



Joe Neidermayr and Scott Anderson vied for victory in the UAC.
(Photo by Scott Anderson)

This year it was easy to determine a winner as there were only two entries. Joe Neidermayr brought his faux Bald Eagle glider and Scott Anderson brought a used foamie warbird. Neither one was uglier than the other, so it was declared a draw. \$25.00 gift certificates were awarded to each of them and the trophy was passed on to Joe by Scott's request.

Each year the winner of the contest is required to embellish the appearance of the trophy with new parts or decorations. Knowing Joe, unique things will be happening to the trophy for next year's appearance at the contest.

Congratulations Joe!



Joe Neidermayr holding the beautiful UAC trophy.
(Photo by Scott Anderson)

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.

2020 Officers

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 952-445-5257
Publishers: Pat Dziuk 952-445-3089
& Mike Timmerman 952-496-1631

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

J

TCRC Service Awards

by Scott Anderson

TCRC members are awarded patches for every 5 years of membership in the club.

2018

5-Year

- Brian Brastad
- Dick Erlandson
- John Withrow

15-Year

- Dan Engle

25-Year

- Brian Duncan
- Mike Dickson

30-Year

- Butch Neutgens

40-Year

- Conrad Naegele



45-Year

- Scott Anderson



- Sherwood Heggen



2019

10-year

- Bob Glass

25-Year

- Jeff Tolzmann

30-Year

- Gerry Dunne

40-Year

- Jim Ronhovde



2019-2020 AMA Dues Statements

Most older TCRC members should have received their 2019-2020 dues statements in the mail in September from the Academy of Model Aeronautics. Newer members renew on the anniversary of the month they joined.

AMA 2019 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 *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.

Deadline for paying your 2019 AMA dues is December 15 to avoid a lapse in membership services. **J**

Rikugan KI-93

by Conrad Naegele

The November Mystery Plane was the Japanese Rikugan KI-93.



The Rikugan KI-93 was a 2-seat experimental heavy fighter, intended as a bomber destroyer. First proposed in 1943, 12 prototypes were ordered by Rikugan, an army-owned plant. By that time, the war was already winding down, and by 1944, only one prototype was completed.

The airplane was to carry a 57mm cannon in a ventral bulge. A 75mm cannon had been considered and tried in a Kawasaki KI-45 but in 2 instances, blew the tails off upon firing! The KI-93 was powered by two Mitsubishi 1970 radials. All-metal stressed-skin circular fuse, with two crew members housed under a curved hood with individual openings. A two-spar wing and large split flaps. A second prototype was to carry two 550-pound bombs.

The only prototype was test flown in April, 1945, and proved very successful. If it had gone into production, it probably would have been a serious threat to the B-29's, as it had speed, altitude, and heavy enough armament.

The KI-93 had a wingspan of 62-feet 4-inches, a gross takeoff weight of 23,500 pounds, a projected speed 388 mph and a ceiling of 39,500 feet.

TCRC Auction February 1st, 2020

Saturday, February 1st, 2020, TCRC will host its 44th Annual Auction at CrossPoint Church at the intersection of France Avenue and 98th Street in Bloomington, Minnesota.

The TCRC Auction is the largest R/C auction of its kind in the upper Midwest and draws hobbyists from Minnesota and its surrounding states. R/C aircraft and related accessories will be on the auction block. The doors open at 6:45 AM for registration and check-in, and the first item goes on the auction block sharply at 9:00 AM. From that moment on, the auction action will be continuous until around 5:00 PM, with an item being sold once every minute over that time span.

Pre-registration of items for sale at the auction will be available at the club website TCRCOnline.com in January. It is very helpful to the club for sellers to pre-register their planes and equipment.

From a club standpoint, the TCRC Auction is the biggest manpower project that the club undertakes. It is very important that all members sign up to work at least one shift at the auction. In addition, family members and friends are also welcomed to work at the event. YOU are needed at the 2020 TCRC Auction.

The December and January TCRC meetings will be planning sessions for the auction. Your input will be helpful, so come to the meetings.

TCRC 2020 Elections

All four of the officer positions were up for election this year plus two of the three at-large board seats. The board seats not up for election this year is occupied by Gerry Dunne.

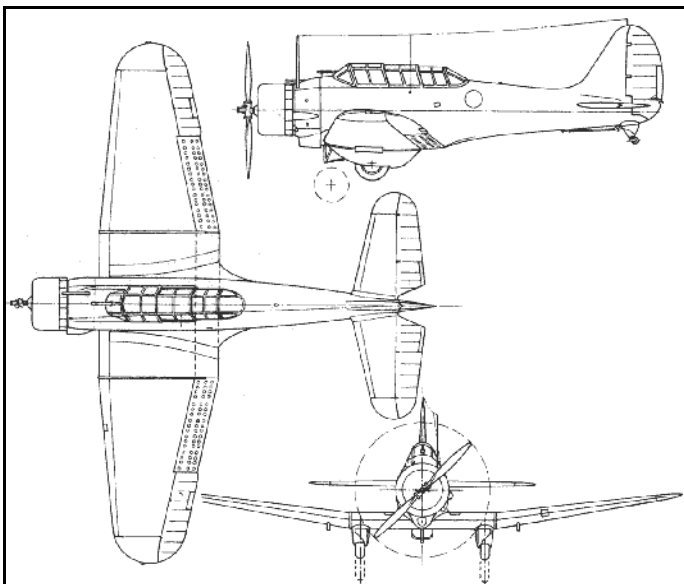
Currently the officer positions are held by Bob Breisemeister, president; Chris O'Connor, vice president; Ken Weddell, secretary; and Tim Wirtz, treasurer. The board seats are held by Brian Johnson and Doug Elyea. All six of these members had indicated that they would run again for their current position.

At the elections held at the November 12th membership meeting, there were no other candidates for the positions and all proclaimed candidates were elected by acclamation.



The 2020 newly-elected officers of TCRC looked a lot like the oldly-elected officers of 2019. (Photo by Scott Anderson)

December Mystery Plane



2020 AMA Election Results

AMA elections for the positions of AMA president and vice presidents in Districts I, V, and IX took place this fall. Following are the results of the vote. AMA would like to congratulate our elected president and district vice presidents and thank the candidates and members who participated in this year's election.

President

- Rich Hanson: 6,437
- Randy Cameron: 3,298
- Eric Williams: 2,576
- Others: 457

District I

- Andy Argenio: 659
- Other: 11

District V

- Andrew Griffith: 1,187
- Robert Brogdon: 834
- Other: 10

District IX

- Jim Tiller: 575
- Other: 11

J






www.tcrconline.com

TCRC 44th ANNUAL AUCTION

Twin City Radio Controllers - Minneapolis, MN
Saturday, Feb 1st, 2020
9801 France Ave S, Bloomington, MN



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**

Concessions

- Hot Coffee, Donuts and Other Goodies
- Soda/Pop/Water
- Sub Sandwiches
- Hot Dogs and Chips

No food or drink in the bidding area

BARGAIN Table Returns in 2020!

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

Questions?

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

Silent Auction Returns in 2020!

- 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**

Drone Pilots - Updates to the Low Altitude Authorization and Notification Capability

Forwarded from the internet by Pedro Restrepo

The Federal Aviation Administration (FAA) today announced two important expansions of the Low Altitude Authorization and Capability (LAANC), which automates the application and approval process for drone pilots to obtain airspace authorizations in controlled airspace.

The capability is now active at Baltimore/Washington International Thurgood Marshall Airport, Dulles International Airport, William P. Hobby Airport in Houston and Newark Liberty International Airport. A full list of airports covered by LAANC is available on our website.

Seven additional companies have been approved by the FAA to provide LAANC services.

LAANC directly supports the safe integration of UAS into the nation's airspace, expedites the time it takes for drone pilots to receive authorizations to fly under 400 feet in controlled airspace. LAANC also provides pilots with an awareness of where they can and cannot fly.

The program is accessible to all pilots who operate under the FAA's small drone rule (Part 107) and was expanded in July to provide near real-time airspace authorizations to recreational flyers.

LAANC provides airspace authorizations only. Pilots must still check NOTAMs and weather conditions before they fly. **J**

For Sale

President Bob Breisemeister has some very nice airplanes for sale.

Bob's planes range from small electric ARF's up to 1/3-scale sport planes. Some planes are still in kit form, and some are entirely completed.

The prices of the various planes are very moderate and any one of the aircraft would be a great value for the money.

If you are interested, give Bob a call at 612-964-8877, or see him at a meeting. **J**

Twin City Radio Controllers



HOBBY

HOBBYZONE

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

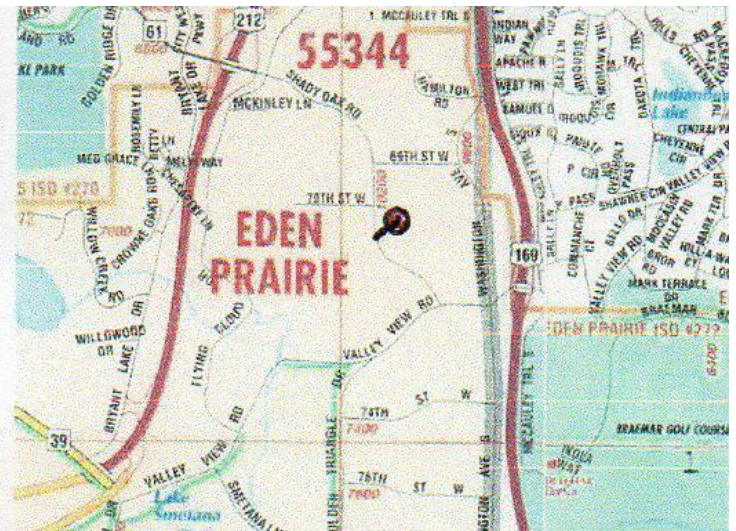
7171 Shady Oak Road
Eden Prairie, MN 55344

Monday - Friday	10AM - 5:30PM
Saturday	10AM - 4PM
Sunday	Closed

Most in-store prices are 5% - 10% OFF online prices. Plus, every month we select two popular items at 15% OFF!

www.hobbyzone.com

ZONE



BIG SKY HOBBY™

Great products, expert advice.

Open Monday thru Saturday, 10 am - 6 pm

Have Special Orders or Questions?

Contact: Jeremy@BigSkyHobby.com

