



November

Minneapolis, Minnesota U.S.A.

2023

TCRC FAA FRIA Flying Sites Update

by Jim Cook and Tim Wirtz



TCRC applied to the Federal Aviation Administration to have the club’s Jordan flying site approved as a FAA Recognized Identification Area (FRIA). Tim Wirtz had submitted the application, and the Jordan site was approved in September of this year.

Tim has now submitted an additional application for our secondary site at the Scott County Fairgrounds. The FAA had questions concerning whether or not pilots would fly during the actual Scott County Fair. Tim has responded that the club does not fly at the Fairgrounds whenever there is another event occurring there. He stated that the main purpose for the secondary flying site was to have a field available when TCRC’s main site was flooded.

Tim hopes to hear more on the approval of the Fairgrounds site in the coming weeks.

The main advantage of having the club’s flying sites approved as FRIAs is that when the FAA requirement for every model aircraft flying having to contain an identifying transponder module goes into effect, pilots flying at a FRIA will be exempt from that requirement.

We can be optimistic that the Fairgrounds site will be approved. However, it is still not known whether the club will be able to get FRIA status for events like the Spring and Fall Float Flies which are held at Bush Lake Park in Bloomington. Hopefully other AMA clubs will have the same type of issue and AMA may be able to address it with the FAA.

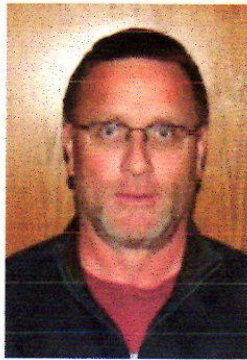
AMA has been working very closely with the FAA and its member clubs in helping to get FRIA sites approved. 😊

Crocktoberfest Held October 7th

TCRC held its Season Finale, Crocktoberfest at the Jordan Field on October 7th. The editor was not able to obtain an article about the event nor any pictures, so there is no coverage in this month’s newsletter. If you do have pictures from the event, email them to the editor and I will get them in the December newsletter. 😊

A Note from The Head Wing Nut

By Bob Briesemeister



Hello Members,

Welcome to November -- the cloudiest month of the year. There has been a steady exodus from Minnesota with all the snowbirds heading south for warmer weather and sunshine. The warm weather flying season has come to a quick end with the temperature dropping into the thirties this weekend. I don't see a major warming trend until maybe April or May.

Just in case you haven't seen the change in the November membership meeting date it is on the 14th not the 7th. When the calendar was put together last December, I entered the wrong date, and we didn't catch the mistake until the October newsletter. If you show up on the 7th you can vote on the state and city elections because Crosspoint Church is a polling location. Sorry for the confusion.

Speaking of elections -- TCRC elections will be held at the November membership meeting. All executive board positions are up for grabs along with 2 at large positions. I believe all the incumbents are running for reelection, but competition is always good so don't be afraid to throw your hat into the ring.

At the November meeting we will be holding the Ugly Airplane Contest. This is for a flyable plane that may have crashed this flying season and has since been repaired. You can also enter a plane that you built or purchased and is not very attractive due to poor design or color. Don't be ashamed of that homely plane sitting in the corner all full of dust. This is a fun competition, and you can win a gift certificate and a chance to add to the UAC traveling trophy.

The big event for November is the Annual TCRC Banquet on Saturday the 18th. It will again be held at Fong's in Prior Lake. The banquet is open to all TCRC members and their families and guests. The cost is \$30.00 per person which covers the cost of your dinner. Door prizes are paid for with your annual membership dues. Cocktail hour and appetizers will start at 5pm with dinner to follow around 6:15. There will be some brain teaser table games, a coloring contest and a paper airplane flying contest. There will be door prizes for both flyers and non-flyers. We will also have a new group game this year so come with your thinking caps on!

Remember Deer season opens on November 4th. If you lose an airplane in the woods, it might be safer to wait a couple of weeks until firearm season is over before you venture out to retrieve it. If you go out, you must wear an orange vest at a minimum so the hunters can see you. Be safe!

See you at the November membership meeting and don't forget that ugly airplane and something for Show & Tell.

Also, for those of you who are too stubborn to give up flying yet, the All Season Flyers fly every month of the year. They have a flying date scheduled for December 2nd.

Good flying!



New Members

TCRC picked up two more members in October bringing the total to 112 members.

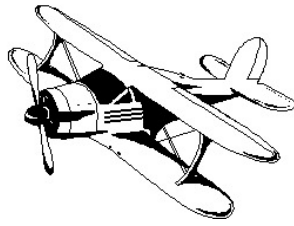
Tom Gaffney lives at 1760 Walnut Lane in Eagan 55122. His phone number is 651-233-4723 and his email address is eagangaf@gmail.com. Tom is new to the hobby and currently has a SIG Senior for flying.

Derrick Davis lives at 6622 Harvest Trail in Chaska 55318. His phone number is 612-599-0928 and his email address is derrickrd912@gmail.com. Derrick has been flying for three years and has a Carbon Cub, an E-Flite P-51D and a Thunderbolt A-10.

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



Show & Tell



Three really nice airplanes showed up for Show & Tell at the October 10th membership meeting.



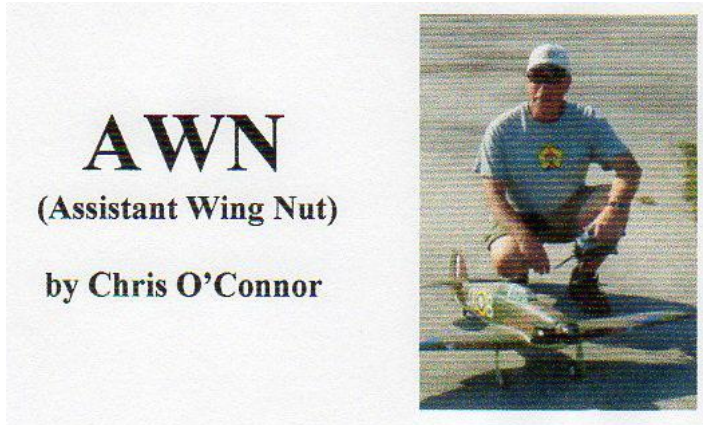
Scott Anderson has his gorgeous 1/4-scale Ryan PT-22 Recruit at the meeting. This was built from a Seagull Models kit and had a wingspan of 90-inches. It weighed in at 22-pounds. The powerplant was an NGH-38 cc gas 4-stroke engine. Scott said the 4-stroke sound was very realistic. The plane was his first endeavor with FliteMetal, and he said it was quite an initial challenge. However, the finished product looked fantastic. On its maiden flight he said it was nose heavy and had to shift the battery back and add some tail weight. He has flown it many times and says it is a nice flying aircraft.

Ken Weddell had a great-looking Ultimate Blue Hawk Biplane built from a Carl Goldberg kit. (See photo upper right.) The plane had a 54-inch wingspan and weighed in at 8-pounds and 1-ounce. It was done in traditional blue with yellow trim fabric. The Blue Hawk was powered with an OS 91 Surpass 4-stroke engine swinging a 12x10 prop. The plane was complete with matching wheel pants and really looked nice. Ken had obtained the Ultimate from Mike Timmerman's estate. Mike had been a member of TCRC for many years. Ken had not put his maiden flight on the plane yet.



Prolific TCRC builder Sherwood Heggen had a really nice giant-scale Quarter Master biplane at the meeting. Sherwood purchased the scratch-built framed-up model at the TCRC auction seven years ago. The plane has a wingspan of 72-inches and a weight of 20 pounds. The engine is a DLE 55 swinging a 22x8 prop. The fuse and wings were done in Stits Polyfiber fabric in white with black and red trim. He added a very special feature to the aircraft – an onboard starter and choke servo for hands free starting. Sherwood said the Quarter Master was designed by Dave Reid and was essentially a scaled-up version of the AAMCO Aeromaster. The plane has yet to have its maiden flight but it is scheduled for next spring.

Now that building season has officially arrived, there should be lots of nice shiny new airplanes arriving for Show & Tell each month. Don't forget to fill out a Show & Tell Data Sheet when you bring a plane to the meeting. ☺



This month we have the club elections coming at the next TCRC meeting. Even though we have a slate of candidates, all positions are open, so why not run for an office and help out the club?

Also, at the November meeting there will be the Ugly Airplane Contest with Sherwood Heggen running the event. So, bring a plane and have some fun with your fellow members.

TCRC's annual banquet is coming soon [November 18, 2023](#) at 5pm at David Fongs in Prior Lake. Always a lot of fun, with games, prizes, etc. Plan on attending.

November is typically the start of building season. Haven't built a plane lately? Now is a good time to start. What's your favorite plane? That can be challenging with so many to choose from. How about an aerobatic model, sport plane or a warbird? Even taking an ARF and kit bashing it so yours can be a one of a kind instead of being like everyone else's. When I started flying, pattern and sport planes were very popular. The scale models were around, but the power plants to put in a scale model were very limited. They usually came out heavy and under-powered. That has changed for the good, with so many options available. So why not start on that dream plane this winter? Even if it takes a couple of years, that's alright, most everyone has multiple planes to fly, so let's work on that masterpiece. There's nothing more rewarding than flying a plane that you built yourself. I've been doing scale models for a while, and the fun thing about a scale model is you can be very creative and put lots of detail into the model or very little, it's your choice. So, let's get started now.

My building season project is a 1/4-scale Beechcraft Bonanza V-tail. I'm building it with parts from a Mark Frankel T-34 kit and plans drawn by Dave Andersen. Dave is a TCRC member and is well known for his plans of planes that you don't see all the time. Dave's plans are very well drawn and very accurate. They are great to build from. You can find Dave's plans at mnbirds.com and they are free. The Bonanza will be my son, Nathan's, model. This will be at least a 3-year project. Let's start building!!!!!!!

Remember the November meeting is on Tuesday, November 14th, and includes the election of officers and the Ugly Plane Contest. Participate, get involved. It's fun! ☺

TCRC Annual Banquet November 18th

The TCRC Annual Banquet is back and is scheduled to be held starting at 5:00 PM on Saturday, November 18th at Fong's Restaurant in Prior Lake at the intersection of Highway 13 and County Road 21.

The cost is \$30/person and the meal will of course be Chinese cuisine served buffet style.

The banquet is always a very enjoyable time with TCRC members and their families coming together to partake of a great meal, and indulging in camaraderie with both old and new friends. In addition to the program of reviewing the previous year's events, attendees will play several games and contests for all attenders. Winning, or sometimes just partaking of a game will allow you to be awarded raffle tickets. The raffle tickets can be used to try and win some great prizes, and there will be lots of winners!

The TCRC Banquet is something you do not want to miss!

Let Bob Briesemeister know you will be attending the banquet preferably before the November 14th meeting.

Mark your calendars and plan on being a part of the feast and fun at the TCRC Banquet on Saturday, November 18th. ☺

Grumman F4F – 3S

by Conrad Naegele

The October Mystery Plane was the Grumman F4F - 3S.



The appearance of the Japanese A6M2 Zero float plane fighter in the Aleutian Islands prompted the United States Navy interest in a float plane version of the Grumman F4F Wildcat. One example was fitted with Edo single-step all-aluminum floats, but significant snaking required auxiliary rudders, on the horizontal stabilizer. The floats added about 500 pounds. The plane needed a slightly more powerful engine.

So equipped the plane could take off in calm water in about 34 seconds. However, the effect of float drag on speed performance of this not really good fighter led to cancellation of the projected 100 planes. Only about 5 prototypes were produced.

As a float fighter it was no where as other float plane fighters. For example, the Kawanishi Niki or the Supermarine Spitfire. Perhaps the Navy should have considered the Grumman F6F Hellcat!

The F4F 3S had a wingspan of 38-feet, a loaded weight of 7,506-pounds and a speed of 266 mph. It was powered with a Pratt and Whitney R 1820 Cyclone radial engine that developed 1,200 horsepower. For armament it carried 4-50 caliber machine guns.

The Grumman F4F Wildcat was actually a great fighter during the early part of WWII. It was easy to fly (except retracting the gear) and handled

a great deal of battle damage. In its day, the Navy pilots played hell with the Japanese planes (except for the Zero!) 😊

TCRC Elections November 14th

It is already the end of October and the year is racing past. That means that the TCRC elections are only two weeks away. As usual, the elections will be held at the November meeting, which this year will be Tuesday, November 14th at CrossPoint Church.

All four of the officer positions are up for election this year plus two of the three at-large board seats. The board seat held by Gerry Dunne is not up for election this year. The board seats held by Brian Johnson and Jim Ronhovde are up for election this year.

Currently the officer positions are held by Bob Breisemeister, president; Chris O'Connor, vice president; Ken Weddell, secretary; and Tim Wirtz, treasurer.

As of this time it is believed that all of the incumbents are running for re-election. That is not to say that you should not consider running. It is great to have competition for the seats.

The elections will be held at the November 14th membership meeting. Please consider being a candidate for TCRC office. The club needs you. Be both a voter and a candidate at the TCRC elections on November 14th. 😊



Blohm and Voss 141

by Brian Crossley
(via Scott Anderson)

Here is a progress report on the B&V 141 I bought from you (Scott).

At the last week's 3M meeting, for "show & tell", I brought a 54" span Blohm & Voss 141 that I had picked up at a recent swap meet. Based on Cirrus servos, it was probably built 30 to 40 years ago. It needed a few things done to it to get it going. It had air retracts that I locked down. I don't have any air support equipment and I will NEVER use air retracts.



Anyway, I flew it last Friday at the 3M field. It needed a little trim, but otherwise it flew like a normal airplane - but it sure looks strange in the air!

I flew it again on Sunday at TCRC. Again, it flew fine. I didn't try any maneuvers -- and I never will. It is meant to fly upright at all times!

So, now I will invest in some electric retracts for it. I may convert it to electric. It is a keeper.

Here are some links to the Blohm and Voss 141:

https://outerzone.co.uk/plan_details.asp?ID=6413

(this seems to be the one I have, as Zirolis' and mine are both 54" span) Check out the "young" Nick Zirolis. Go $\frac{3}{4}$ of way to bottom of page and click on "supplement" to see 1972 "Model Airplane News" article and click on "plan file" to see the plans. Check out the Heathkit servos and Goldberg retracts. Great reading.

http://garyhethcoat.com/Bv141_Building_Guide.pdf

(this is a bigger one 85" span)

https://en.wikipedia.org/wiki/Blohm_%26_Voss_BV_141

<https://www.youtube.com/watch?v=V9GqxOAofio>

(note that this version still had a full stab. They removed it in later versions)

<https://www.youtube.com/watch?v=Hxp6sUEDPNo>

If you find more stuff about it, please send me the links. ☺

2023 Ugly Airplane Contest

by Sherwood Heggen

The famous TCRC Ugly Airplane Contest will be held on Tuesday, November 14th at the monthly membership meeting.

Once again, here is an opportunity to let vanity go and enter your airplane for a chance to win a gift certificate and the coveted UAC trophy.

Rules are almost non-existent. Your airplane qualifies when it has gone through some evidence of flying/landing/hangar rash trauma, or it is just plain ugly or homely. It must be flyable however.

Come on, now! Everybody has one! Show it off and be proud. You could be a winner! ☺




www.tcrconline.com

TCRC 47th ANNUAL AUCTION

Twin City Radio Controllers - Minneapolis, MN
Saturday, February 3rd, 2024
 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/Bats
- 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. A 3% convenience fee will be applied to all card purchases.

Questions?

- Email Auction@TCRCOnline.com
- Call Bob 612-964-8877
- 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

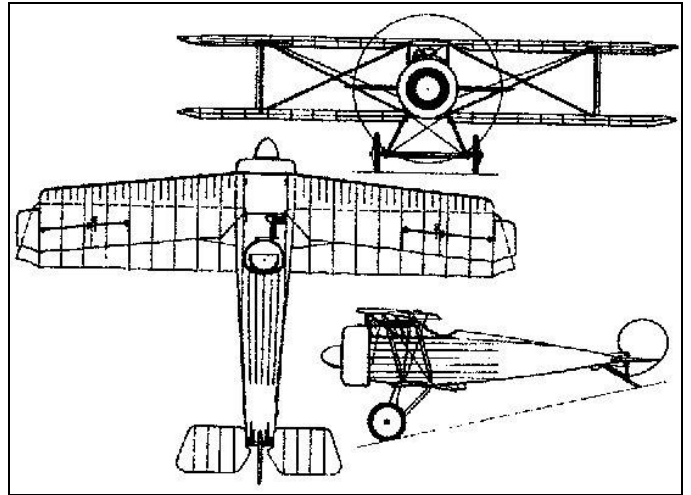
- For Items \$125 and up
- One Hour Exposure for all items in Silent Auction
- 5 items sold each HOUR for 6 hours
- Set your minimum (\$125 or higher), Bidders bid for one hour. Item sold to highest bidder
- Limited to 1st 30 sellers who choose this option
- Items are shown at random

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



November Mystery Plane



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. Let's see those new planes at Show & Tell. ☺

AMA Election Ballot

All AMA members should have received their election ballot in the mail enclosed with their AMA dues renewal notice.

In 2023, incumbent AMA National Executive Vice President Randy Cameron is running for re-election. He is running unopposed.

Also up for election is the District VII Vice President. District VII is the states of Iowa, Michigan, Minnesota and Wisconsin. So, this is our district. The incumbent, Randy Gibson from Michigan is running for re-election. He is running unopposed.

AMA election ballots must be postmarked no later than November 13, 2023 to be counted. Check out the candidates and mark and return your ballot today. ☺

TCRCOnline.com

A Great Website!

Beautiful Planes For Sale

by Sherwood Heggen

I am making available for sale the five gas-powered models shown below:



1/3-scale Pitts S2 with DLE111 engine and with smoke.



1/4-scale CAP 20L with DLE 55 engine.



1/4-scale Skybolt with DLE 55 engine and with smoke.



1/4-scale Ultimate Biplane with DLE 55 engine.



1/5-scale Curtiss P36 Hawk warbird.

I love to build which creates a storage availability problem. All have been scratch-built from plans and have successfully flown or are ready for a maiden flight.

I also have other plan-built glow and electric models available which are all excellent flyers.

All models can be purchased as fully-equipped and ready-to-fly, less batteries and receivers, or as a bare airframe, or anywhere in between.

Contact Sherwood Heggen at 715-781-3213 for an appointment to see and choose your models in person. ☺

2023-2024 AMA Dues Statements

Most older TCRC members should have received their 2023-2024 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 2023 dues are the same as the previous year. They are:

- Adult (19-65) \$85
- Senior (65 and up) \$75
- 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 phone at (765) 287-1256; or by returning the renewal form you received in the mail in the supplied envelope.

Deadline for paying your 2023 AMA dues is December 15 to avoid a lapse in membership services. ☺

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

Andersen Designs

Howard Pete 1/3 Scale Racer

New! KI-45 DRAGON SI AYFR

Add'l Extras

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

Composite Parts Available Thru MACKO

Calendar

- Nov. 14 TCRC Membership Meeting, 7:00 PM
CrossPoint Church
Bloomington, MN
- Nov. 14 TCRC Elections
CrossPoint Church
Bloomington, MN
- Nov. 14 Ugly Airplane Contest
CrossPoint Church
Bloomington, MN
- Nov. 18 TCRC Annual Banquet 5 PM
David Fong's
Restaurant
Prior Lake
- Dec. 2 All Season Flyer Finale
- Dec. 6 Joint Board Meeting, 7:00 PM
Bob Breisemeister's Home
- Dec. 12 TCRC Membership Meeting, 7:00 PM
CrossPoint Church
Bloomington, MN
- Dec. 25 Merry Christmas
- Jan. 1 Happy New Year
- Feb. 3 TCRC Annual Auction
CrossPoint Church
Bloomington, MN

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.

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.

2023 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 952-200-2030
Publishers: Pat Dziuk 952-445-3089

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

Always Wear An Orange Vest To Retrieve A Plane

Hunting season has started in Minnesota, and 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. ☺

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. ☺

18304

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. ☺

TCRC Banquet

November 18th

Be There!

R/C Isn't Just For Airplanes

by Jim Cook and Dave Andersen



Dave Andersen sent the editor this photo of some guys doing some R/C sailing in Minneapolis on Bde Maka Ska (formerly Lake Calhoun).

I actually owned an R/C sailboat built by John Scoonover from Florida. He was a great builder and competed in many regattas in the Florida area. When I bought a lake home in Wisconsin, I decided I wanted an R/C sailboat and persuaded John to sell me one of his older ones. I think I talked Larry Edelmann who was a TCRC member back then to pick it up and bring it to me when he returned from being a Florida snowbird. It was a fantastic model, standing over seven feet tall from the tip of the mast to the bottom of the keel, and had unbelievable detail (probably similar to the beautiful planes that show up at ScaleMasters.) I sailed it for many years before finally selling it on Facebook Marketplace two or three years ago. The boat was fun to sail, but not nearly as exciting as R/C planes, and the penalty for crashing was really not much to worry about. ☺

It's Officially Building Season!
What Planes Are Going To Be
Your Winter Projects?

Be An All Season Flyer In 2024



The end of the year is in sight, just a couple of months away. And that means you should start thinking about becoming an All Season Flyer in 2024.

To become an All Season Flyer a pilot must put at least one flight on an airplane outside in each month of a calendar year. That means you have to start in January.

In Minnesota, those December, January and February flights can occur in some pretty cool weather.

In TCRC several pilots have a proud tradition of earning their ASF patches. Some have been doing it for more than 10 consecutive years.

Earning an All Season Flyer patch in Minnesota has to be a very daunting experience. However, with the advent of the electric airplanes, it is a lot easier than trying to start a cold glow engine.

With snow showing up before Halloween, it's time to start thinking about becoming an all season flyer.

If you are interested in becoming an All Season Flyer in 2024, plan on joining the pilots for their January flights. ☺

Twin City Radio Controllers



HOBBY

HOBBYZONE
GO BY

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

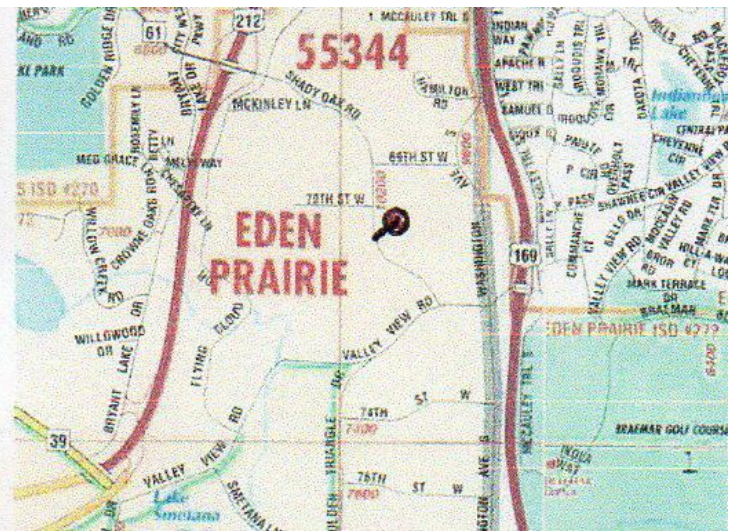
7171 Shady Oak Road
Eden Prairie, MN 55344

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!

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ZONE



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