

The TCRC Annual Auction February 3rd

by Jim Cook

The biggest R/C Airplane Auction in the Upper Midwest -- the TCRC Throughout the course of the day, Annual Auction -- will be held on Saturday, February 3rd, at its normal location of CrossPoint Church at the intersection of 98th Street and France Avenue in Bloomington, Minnesota. Throughout the course of the day, there will be a concession stand starting with coffee and rolls in the morning, and sandwiches and

If you are planning on being a seller at the TCRC Auction, you can preregister at TCRCOnline.com. Instructions for pre-registration are on page 6 of this newsletter. Remember there is a minimum opening bid requirement of \$20, so sellers are urged to bundle lower priced items to be well above the \$20 opening. If the seller check-in people do not believe an item will achieve the minimum bid, they may require that item to be sold on the bargain table during the auction.

If you are a buyer, you will have several different means to purchase R/C airplanes and equipment: 1) By bidding on items continually coming across the main stage from 9:00 AM to 5:00 PM; 2) By bidding on select items in a silent auction throughout the course of the day; and 3) By visiting the bargain table for R/C items priced between \$15-\$30.

Doors open at 6:45 AM for seller registration and check in, and for buyer registration. There is a \$5 admission charge for everyone attending the auction. A Bidder's Card is included in the admission charge.

At 8:15 AM the impound area will be opened to give the bidders a chance to get close-up looks at the items that will be sold. In addition, all items heading for the auction block will proceed down tables in the auction hall and be shown on a closed-circuit TV screen appearing on the main stage. Items approaching the auction block take about 45 minutes to go across these tables.

If you are a seller and you feel your item is selling for too low of a price, you may protect that item by being the winning bidder. In that case,

you will be charged a buyback fee of 10% of the selling price up to a maximum of \$20. On successful auction sales, TCRC takes a commission of \$5 or 10% of the selling price, whichever is greater, on all items.

Throughout the course of the day, there will be a concession stand starting with coffee and rolls in the morning, and sandwiches and beverages for the rest of the day. Patrons must stay in the concession area (which is on the main auction floor) while eating and drinking. No food or beverage is allowed outside of this area, including carry-ins.

For buyers, TCRC accepts cash, checks and credit cards. If a credit card is used a 3% fee will be charged. Buyers will be charged Minnesota State sales tax for their purchases. All items must be paid for and removed by the end of the auction.

Sellers will be sent their proceeds from sales very soon after the auction.

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Don't Miss The TCRC Auction On February 3rd!!!!

January 2024

Minneapolis, Minnesota U.S.A.

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A Note from The Head Wing Nut

By Bob Briesemeister



Hello Members,

Happy New Year!!! 2024 is here, 24 years after the "Y2K scare". When they said that our computers would not recognize the "00" date and we'd experience power outages, transportation failures and banks would default, and widespread chaos would ensue people stocked up on supplies and food in fear of the possibilities being reported. Nothing happened and we are still here going strong. Let's drink a toast to the future and another 24 plus years. "CHEERS!"

I hope that everyone had a great holiday season and that you were able to spend time with family and friends. It was a December to remember with mild temperatures and no snow. We had 27 above average temperature days, 3 average days and one below average day -- that's crazy! As for snow, we had just over an inch on the 31st. There were many days that members were able to fly throughout the month and it still looks warm for the start of 2024. As for snow, I would like some being that I'm in the snow business and it does affect the economy in this part of the country.

In case you haven't heard TCRC has a big event coming up on February 3^{rd} , 2024. TCRC has been holding our auction for 47 years and it is the only TCRC's fundraiser held each year. We need your help to make it a success. This the largest R/C airplane auction in the 5 state area and takes 50 or more volunteers to ensure it goes well and keeps its great reputation going.

The work starts on Friday February 2^{nd} at 5pm with turning the church into an auction house. It ends after the auction is over on Saturday the 3^{rd} with transforming the auction house back into a church. With this transformation we need people to stay and help until it is finished. If you are new to the club, I will find a place for you to help. Yes, there is work involved but it is also a lot of fun, and you get to see all the items before they go up to be auctioned off.

If you are going to be selling items at the auction you can email Pat Dziuk for a seller number which enables you to do the paperwork at home before bringing it to the church. Members will be able to bring their items on Friday night after set-up is done, to check them in. This helps with the

congestion on Saturday morning. If you have some items that you would like to donate to the club instead of selling them yourself, I have a seller number for TCRC.

At the February membership meeting on the 13th there will be a wrap up meeting for the auction and TCRC will provide pizza and soda.

We will be talking about the auction at the next membership meeting on January 9th. Bring along an airplane to talk about. Be there or be square.

TCRC 47th Annual Auction

Continued From Page 1

Because this is such a long event, TCRC has purchased many nice airplane kits that can be won by several lucky bidders if they are still present at the end of the auction. These can only be won by non-TCRC members.

The TCRC Auction is a great event, and it gives both buyers and sellers a chance to sell or purchase some great R/C items and to be a part of an enjoyable event on a cold winter day. Come to the 47th TCRC Annual Auction on Saturday, February 3rd. It will be bigger and better than ever!



TCRC 2024 Dues Renewal Statement

By Tim Wirtz

Your 2024 TCRC club renewal is now due. All current members should have received an email 2024 Dues Renewal Statement directly from treasurer Tim Wirtz. Before your renewal application can be processed by TCRC, your 2024 AMA Membership must be current. A 2024 Membership Card will not be issued until the AMA website shows your AMA status as current. Your 2024 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) and in the shelter at the main field. 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, 2024
Family	Regular member plus all son(s)/daughter(s). Pilots under 19 years of July 1, 2024, must have a current 2024 AMA Membership
Junior	Those under 19 years as of July 1, 2024 (who are not part of a Family Membership)
Social Affiliate	An affiliate of TCRC with no flying privileges (<i>does not</i> require AMA Membership)

The 2024 Membership dues are listed below. Early Renewal applications dues today so you are sure to be able to must be post-marked or received electronically by 15 January 2024. Receipt of payment is proof of renewal. NO NEED TO PRINT AND SEND THIS **FORM**

	Norman Renewal	Early Renewal
Regular Membership	\$105.00	\$90.00
Family Membership	\$105.00	\$90.00
Junior Membership	\$ 47.50	\$35.00
Social Affiliate	\$ 35.00	\$30.00

If you had a Family Membership in 2024, your family membership will automatically be renewed as such with the family members on file. If there are additional family members that need to added. be please email treasurer@tcrconline.com.

Cash, Check, PayPal and Credit Card are accepted forms of Payment. If paying via PayPal or Credit Card, a \$3.00 convenience fee will be added.

If paying by PayPal, use the following links(the \$3.00 Convenience Fee is automatically added):

Early Renewal:

- www.PayPal.Me/TCRCTreasurer/93

Regular Renewal:

- www.PayPal.Me/TCRCTreasurer/10 8

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

Mail your check payment to (do not send cash):

> Tim Wirtz 1511 Emerson Ave N Minneapolis, MN 55411

Renew your TCRC membership utilize the early renewal discount. \odot

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

January 2024



Three nice airplanes appeared for Show & Tell at the December membership meeting.



Prolific builder Joe Neidermayr had another new plane at Show & Tell. He had a Pilutus PC-21, constructed from an FMS kit. The plane had a 48-inch wingspan and weighed in at 3.6-pounds. It was done in orange with shite trim and was powered with an electric 3541 motor. It had a 40-amp ESC and 3,300 4cell lipo for battery. It also had a gyro installed. Joe did not indicate if the Pilutus had been flown as yet.

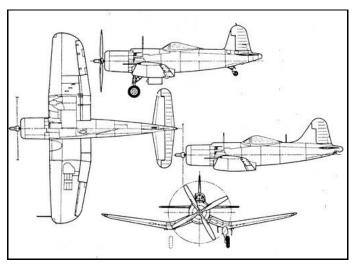


Ken Weddell had a good-looking Seawind EP ARF at the meeting. This plane had a wingspan of 39.5inches and weighed in at 1-pound 9-ounces. It had a white fuse and wings, trimmed in blue. It came with an electric motor and a 25-amp ESC and 3 servos. Ken planes on the maiden flight for spring of 2024.



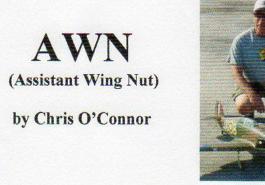
Sherwood Heggen had another aircraft at the meeting that he had rescued from the 2023 TCRC auction last February. He purchased it as a fixer-upper. Initially he thought it was a Gentle Lady but later realized the sailplane was an Olympic II, very popular in the 80's. He decided to convert it to electric flight and thus had to remove the fuselage covering. He discovered it had been glow powered previously. He cleaned it up, added an electric motor, ESC and battery and put new covering on it. Wanting to match the new fuse covering necessitated re-covering the wings. The sailplane had a 100-inch wingspan and weighed in at 3pounds 6-ounces. The maiden flight went well proving the rescued Olympic was a good performer with the graceful floating qualities one would expect. \odot

January Mystery Plane



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The TCRC auction is a month away – Saturday, February 3rd. WOW! That came fast! Now's the time to go through your fleet and see what you might want to sell at the auction, and what job you are planning on doing at the auction. This is TCRC's biggest event, and we need all hands on deck. There's Friday night setup which goes fast if enough people show up, and then there's the big event on Saturday. It's an all-day program so plan to be there for the full duration. The more help, the easier it is for everyone.

This month I thought I would talk about what adhesives work the best for certain jobs. I will start out with what I have used and works or doesn't work for me. Being we were discussing building from plans at the last meeting, this different, but for their intended purpose, would also pertain to kit building, and also ARF bashing.

The glues that work well are the CA glues, thin and medium. I have used both Zap and Bob Smith CA's. The Bob Smith product is under the Hub Hobby label. Both are very good quality glues. Epoxy's, the one that I favor, is The Bob Smith or the Hub Hobby brand in the 30-minute type. I have used Zap epoxy but didn't care for it because of the odor. That may have changed, I'm not sure. The other brand that gets talked about is West System epoxy. I have not used this, but I know that it is an excellent glue. You can't go wrong with any of these glues. Notice, I didn't mention 5-minute epoxy. I do use it, but very sparingly.

For high strength areas like firewalls, land gear area or wing hold downs, became TCRC's newest member. you can use the 30-minute epoxies, but better yet the glue most of the jet and giant-scale guys use is an epoxy called Hysol. You can get it from Bob Violet under the name Aeropoxy, or Loctite Hysol 9462. Both come in cartridges that dispense the A and B at the same time. These glues set in about 8 hours. They are also thixotropic, which means they can be put on a vertical surface and not run. Both are whitish cream in color and are very hard and extremely strong when cured.

For gluing wing skins together, there's the problem of sanding the joints and removing wood on either side of the joint if you use CA's, white glue, epoxy, or at the field, be sure and introduce etc. The glue joint is harder than the surrounding wood surface. Difficult to smooth out. The best that I have found and used is Sigment glue from Sig

Manufacturing. It's a cellulose glue that everyone used years ago, but works great for wing skins, because you can sand the joint and get it smooth.

For gluing those wing skins to foam cores, I have used an epoxy called finishing resin because it sets up slowly, an hour or more working time. Again, the Hub Hobby brand or Zap work well. The other glue that I have read works well, but never used is Original Gorilla glue. It's a polyurethane water activated glue that's supposed to be extremely strong, won't let go, and very light weight. I plan on trying it on the Bonanza that I am currently building.

Other areas of the model like ribs and formers you can use all of the above, or try Aliphatic resin, like Titebond carpenters glue or Sig-bond.

Many different types of glue, all very good. These are my favorites, but I know there are others that are good. I have just not used some of them because if it works don't fix it.

I hope this helped and did not confuse all of you. \odot



In December David O'Hara

David lives in Eden Prairie and is a seasoned flyer for the past 34 years.

He currently is flying a Northstar, Force One, electric Cub, Big Stik, Drake II and a Sophisticated Lady.

When you see David at a meeting yourself to him and welcome him to TCRC. \odot

Messerschmitt ME 209

by Conrad Naegele

The December Mystery Plane was the German Messerschmitt ME 209.



A single-seat derivative of an aircraft designed solely for an attempt at the world's absolute speed record, the ME 209 V4 flew on May 12, 1939. This plane had little of the in service ME 109, except the fuselage. The 209 raised the speed record to 469.22 mph.

Powered by a one-off special DB 601, it had 1,559 horsepower, raised to 2,300 horsepower by the injection of methyl alcohol. The V\$ featured a longer wing, enlarged tail surfaces, and a shorter landing gear. The plane had unorthodox radiators and new leading edge slats, and a new airfoil. Continued design increased the wingspan again.

Intended to replace the current ME 109, the new plane, except for setting a new speed record, revealed poor handling, engine overheating, and inadequate performance, resulting in no production contracts, and reversion to the original ME 109.

The 209 had a wingspan of 32 feet eleven inches, a combat weight of 4,086 pounds, and a speed of 469 mph. The engine was a Daimer-Benz DB 601 ARJ. The proposed armament was a 20-mm cannon and two 50-cal machine guns.



TCRC 2024 Auction Pre-Registration

by Pat Dziuk

The Twin City Radio Controllers 47th annual auction is just around the corner. This year it will again be held at CrossPoint Church, 9801 France Avenue South in Bloomington on Saturday February 3rd.

You can register for a seller's number online again this year allowing you to fill out your seller's inventory card and label your items in the comfort of your warm home instead of freezing in the parking lot the morning of the auction.

To register please send an email to <u>auction@tcrconline.com</u> with your name, address and phone number requesting a seller's number. You can find full details including the seller's inventory card at <u>http://www.tcrconline.com/pages/</u> auction_seller_registration.htm

Generalinformationathttp://www.tcrconline.com/pages/auction.htmandhttp://www.tcrconline.com

Hope to see you at the auction and please feel free to forward this on to your fellow modelers at other clubs to get the word out.

Take the time now to figure out what items you will be selling and pre-register.

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2024 TCRC Annual Calendar

DATE

EVENT

January 3 1st Ouarter BOD Meeting January 6 2022 All Season Flyer Kickoff Membership Meeting January 9 Deadline for TCRC Dues Discount January 15 Auction Set-Up February 2 TCRC 47th Annual Auction February 3 All Season Flyer Session February 10 February 13 Membership Meeting March 2 End of Winter Fun Fly March 12 Membership Meeting 2nd Quarter BOD Meeting April 3 April Fools Fun Fly April 6 Membership Meeting April 9 TCRC Jordan Clean-Up & Fly-In May 4 May 14 Membership Meeting May 14 **Building Contest** * May 18 Spring Float Fly May 25 Spring Swap Meet & Fun Fly **June 11 Membership Meeting At The Field *June 15 Electric Fly-In and Competition (Open) Membership Meeting At The Field **July 9 Wings Over Jordan *July 13 3rd Quarter BOD Meeting August 7 **August 13 Membership Meeting At The Field *August 24 Model Aviation Day (Open) *September 7 Scale Fly (Open) **September 10 Membership Meeting At The Field *September 14 Fall Float Fly (Open) Swap Meet and Fun Fly *September 28 October 5 Crocktoberfest Season Finale Membership Meeting October 8 November 12 Membership Meeting - Elections November 12 Ugly Airplane Contest November 16 **TCRC** Annual Banquet & Awards December 4 Joint Board Meeting December 7 All Season Flyer Finale December 10 Membership Meeting

REMARKS

Bob Breisemeister's Home, 7 PM TCRC Model Air Park, 10-10-10 Rule CrossPoint Church, Bloomington, 7 PM Postmarked on or before January 15 CrossPoint Church, 5 PM CrossPoint Church, 6:00 AM to 6:00 PM TCRC Model Air Park, 10-10-10 Rule CrossPoint Church, 5 PM Pizza & Pop TCRC Model Air Park, 10-10-10 Rule CrossPoint Church and Zoom, 7 PM Bob Breisemeister's Home, 7 PM TCRC Model Air Parek, 10-10-10 Rule CrossPoint Church and Zoom, 7 PM TCRC Model Air Park 9 AM CrossPoint Church and Zoom, 7 PM CrossPoint Church Bush Lake Park, 10 AM, Steve Meyer TCRC Model Air Park or Fairgrounds, Bob B 5:30 PM Dinner, 7 PM Meeting TCRC Model Air Park, Gerry Dunne 5:30 PM Dinner, 7 PM Meeting TCRC Model Air Park, Bob Breisemeister Bob Breisemeister's Home, 7 PM 5:30 PM Dinner, 7 PM Meeting TCRC Model Air Park, T. Wirtz & B Johnson TCRC Model Air Park, Scott Anderson 5:30 PM Dinner, 7 PM Meeting Bush Lake Park, 10 AM, Steve Meyer TCRC Model Air Park or Fairgrounds, Bob B TCRC Model Air Park, Brian Johnson CrossPoint Church and Zoom, 7 PM CrossPoint Church and Zoom, 7 PM CrossPoint Church, 7 PM, Sherwood Heggen David Fong's, Prior Lake, 5 PM Bob Breisemeister's Home, 7 PM TCRC Model Air Park, 10-10-10 Rule CrossPoint Church and Zoom,7 PM

* Denotes events open to other than club members.

** If bad weather the meeting will be held at 7 PM at CrossPoint Church

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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/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. 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



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Calendar

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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, <u>www.modelaircraft.org</u>; by phone at (765) 287-1256; or by returning the renewal form you received in the mail in the supplied envelope.

Pay your 2024 AMA dues today to avoid a lapse in membership services.

Jan. 1	Happy New Year
Jan. 6	2024 All Season Flyer Kickoff
Jan. 9	TCRC Membership Meeting, 7:00 PM CrossPoint Church Bloomington, MN
Feb. 2	Auction Set Up 5:00 PM CrossPoint Church Bloomington, MN
Feb. 3	TCRC Annual Auction 6:00 AM to 6:00 PM CrossPoint Church Bloomington, MN

TCRC Membership Meeting, 7:00 PM Auction Appreciation Pop & Pizza CrossPoint Church Bloomington, MN

Show & Tell Data Form

Feb. 13

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 and the completed data form to Jim also.

Be An All Season Flyer In 2024



It's the start of a new year, 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.

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

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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 Bipe 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.





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

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

2024 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: Tom Hall 515-664-7674

Website: http://www.tcrconline.com

Great Program At The Meetings!



Construction programs at the meetings are well done by Chris O'Connor. (Photo by Tim Wirtz)

Twin City Radio Controllers



