



July

Minneapolis, Minnesota U.S.A.

2018

Minnesota River Just Won't Stay Inside Its Banks!

by Jim Cook

The spring and early summer of 2018 have not been good to TCRC. In the spring snow melt and heavy rain brought high water to the River and the TCRC Jordan Field was under that water for a period of time.

After the water receded, the club organized a clean-up crew to bring the field up to its normal beautiful state and everyone got ready for some great flying times.

These plans quickly got changed as more heavy rains in the west brought the River back up to flood levels and again closed the field. The field is still closed and projections show that it will be late in the month of July before TCRC can reclaim it.

But this will not stop the club from flying. TCRC's alternate flying site is the Scott County Fairgrounds, and we will be available until the Scott County Fair which is at the end of July. Hopefully we will be back at the Jordan field by then.

High Water Won't Stop 'Meeting At The Field'

The Minnesota River won't stop TCRC's 'Meeting At The Field' in July. Granted, it will prevent the club from having the meeting at the Jordan Flying Site, but it will be held – at the Jordan Fairgrounds Flying site.

The River caused the cancellation of the June meeting at the field, but the board was adamant the River wouldn't stop the July meeting.

As usual, dinner will be served at 5:00 PM, and the meeting will start at 7:00 PM.

President Bob stresses that everyone should remember to bring a folding chair since we do not have access to tables at the Fairgrounds.

The August and September meetings hopefully will be back at the Jordan Flying site. J



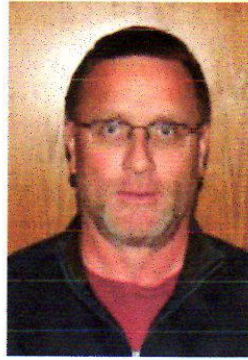
Watts 2018 Cancelled

Due to resource and scheduling issues, we are not able to put on Watts 2018. We will miss hosting all our friends new and old and hope that you can make plans for 2019 when we will be back with electrifying the skies of southern Minnesota.

Watts Over Owatonna 2019 will be held on July 19 and 20. J

A Note from The Head Wing Nut

By Bob Briesemeister



Calendar

- June 22-Aug 3 **AMA NATS**
Muncie, Indiana
- July 10 **TCRC Meeting At The Field, Fairgrounds Flying Site**
Dinner at 5:00 PM
Meeting at 7:00 PM
Please Bring A Chair
- July 12-14 **Air Supremacy Over Goshen**
Goshen, Indiana
- July 14 **Wings over Jordan Cancelled**
- July 14-15 **Wings Of The North AirExpo**
Flying Cloud Airport
Eden Prairie, MN
952-746-6100
- July xxx **Watts Over Owatonna 2018 Cancelled**
- July 23-29 **EAA AirVenture Oshkosh, Wisconsin**
- Aug. 1 **3rd Quarter Board of Directors Meeting**
President's Home
- Aug. 3-5 **Wisconsin Fun Fly Siren & Rice Lake Wisconsin**
Jim Cook & Bill Sachs
- Aug. 9-11 **Northern Alliance Military Fly-In**
SMAAC Field
Owatonna, Minnesota
- Aug. 14 **TCRC Meeting At The Field 5:30 PM Dinner**
7:00 PM Meeting
- Aug. 25 **Model Aviation Day TCRC Model Air Park, Jordan MN**
Doug Elyea

TCRC Members

Now I know how Bill Murry felt in the movie Ground Hog Day waking up and checking the flood condition and finding it's the same day after day after day, or do you call that Deja Vue? With that said, the meeting on Tuesday the 10th will be held at the Scott County Fairgrounds with dinner at 5 and the meeting at 7. We will bring the grill and some tables from the field, but you will need to bring a lawn chair. Please come out and fly.

Please note: We will need to cancel Wings Over Jordan which was going to be held on July 14th and 15th 2018.

Hopefully the weather will start to go in our favor and the rain will start falling at a more normal amount or in areas other than in the Minnesota River Valley. Let's hope we will be able to fly in August and also have our scheduled events and meetings. We will have to concentrate our efforts on Model Aviation Day on Saturday August 25th and the Scale Fly on September 8th and make them great events.

As some of you are aware my son moved to Boston in June. My wife and I made the trip with him. We got him settled in his place and explored Boston for 3 days. It was then time to leave him to his new temporary home and we headed southwest to spend 3 wonderful days in our country's capital. If you have not been to D.C. I would highly recommend it.

The first Smithsonian museum we visited was the Air & Space Museum. We saw airplanes from beginning days of flight through current models. It was an amazing, educational afternoon well spent. Oh, and yes, they did have rockets too.

Visiting the WWII and Vietnam memorials was very touching and meaningful and a place every American should visit.

On our way back to Minnesota we went via Muncie IN, the home of the AMA headquarters, museum and 12 different flying fields. We arrived too late to see the museum but did enjoy driving through the fields and did view some flying.

Happy Flying and remember safety first.

J

An Era Ends As Hobby Warehouse Closes

by Jim Lundquist



A sad goodbye to Hobby Warehouse in Richfield. Tom Steinmueller along with Cheryl have been serving the hobbyists for the last 25 years. We're sorry to see them leave, but at the same time they are off on a new journey.

Cheryl and Tom have a used car lot in St. Paul that they will have fun with. Tom will be able to do more flying, and of course, they're looking forward to spending more time at their lake place.

We wish Tom and Cheryl all the best in the world, and that they stay healthy and safe. **J**

Andersen Designs

Andersen La-7
Built by Jeff Quesenberry

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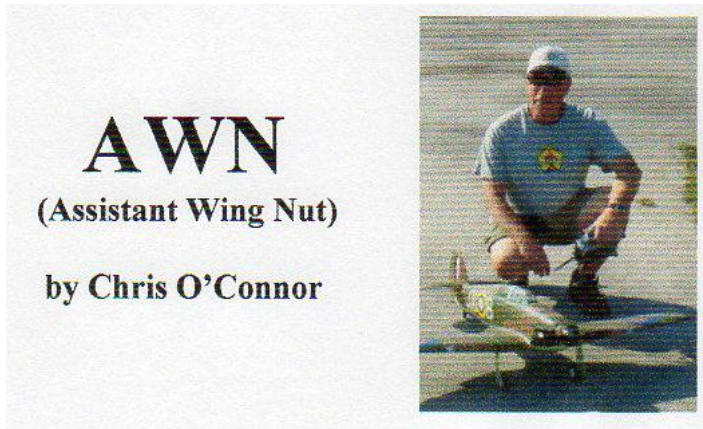
Forget!

The TCRC Membership meeting on July 10th will be held at TCRC's alternate flying site at the **Scott County Fairgrounds**.

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

The meetings for August 14th and September 11th are also scheduled for the Jordan field.

In case of rain or bad weather, but not high water, the meeting will be held at its normal time of 7:00 PM at CrossPoint church in Bloomington. **J**



It's already July and not much flying is getting done with all this rain, wind, heat and our field being flooded. Hopefully some of you are using the fairgrounds or another field. I can only go on the weekends and there has been one good weekend in the last 5 for me to go flying. I'm a member at the SMMAC club, so I have flown in Owatonna at Tim Johnson's field. That's where a lot of guys with giant scale and/or jets fly.

This month I was going to talk about not necessarily pattern flying, but more about precision flying. I know, you are thinking I just want fly and not worry about that. That's okay, but here's a question you might want to ask yourself. Am I flying my plane or just reacting to what the plane is doing? Think about when you do a loop or roll, do you just peg the aileron stick and roll or just pull up elevator and loop which is okay, or can you line yourself up with the pattern and do your roll so the midpoint is in front of you, instead of waiting for the plane to pass and the rolling your plane, or looping your plane with the center of the circle in front of you. I know that starting a roll before it gets to you can feel a little uncomfortable, but that's the whole idea, because once you have mastered that you can feel that you accomplished something, and also learned to control your model a little better. I know when I try something new I will make sure I think about it before I'm even in the air and once airborne plan on doing that maneuver a little higher up, we use to say 2 mistakes high.

Going back to the roll, practice from both directions. Typically, you do a roll downwind because from the ground it gets stretched out and looks better, just like a loop looks better flying upwind. Okay back to the roll, the other element to add is when you are upside down add just a small amount of down elevator to maintain your altitude. For a while it may not look pretty but you will get it.

So, you say I just want to fly in circles or a racetrack pattern, practice maintaining your altitude throughout the turn. When it comes to landing try a rectangular type traffic pattern. Start downwind then turn to a base leg then to final and get a nice descent going and just hold the elevator where it is. Do this every time. If you're short just add a little power or if you're too high just decrease your power trying to maintain the same

elevation. Once you can do that it makes landing a lot easier. That's how you land a full-size plane.

Remember in the end have fun.

Safe flying.

J

**THE TCRC FLARE OUT
Monthly Newsletter**



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

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

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

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.

Mitsubishi F1M2

by Conrad Naegele

The June Mystery Plane was the Japanese Mitsubishi F1M2.



In 1934, Japan, probably anticipating its attack on the U.S.A., ordered a ship launched observation biplane. The design program was assigned to Joji Hattory. He produced a very neat plane. It featured an all-metal oval fuselage, and all-metal wings. To keep it aerodynamic, he restricted the interplane struts and limited the rat's nest of flying wires. It was engine with an 820 horsepower radial.

The initial plane had rather severe stability problems, which included marked snaking, and tended to auto rotate. Joji redesigned it, gave it 3 degrees more dihedral, enlarged the vertical stab 85%, the rudder 30% more and lengthened the main float. The wings were changed to a straight taper and a new engine of 875 horsepower was added. Further flight testing was virtually flawless. It was ordered into production in 1941.

This rather small float plane proceeded to serve in all theaters of the South Pacific. Because of its great rate of climb and maneuverability, it was able to serve as a fighter, dive bomber, and recon plane. Virtually all pilots commented on its superb handling and its ability to absorb combat damage. It continued to serve until the end of the war.

A total of 1,118 were made. Its U.S. Navy code name was 'Pete'.

The Mitsubishi F1M2 had a wingspan of 26 feet, a weight of 5,622 pounds and a speed of 230 mph. The powerplant was a Mitsubishi Mk 2 14-cylinder radial that developed 875 horsepower. For armament it carried 3 7.7 machine guns and 261 pounds of bombs. J

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. 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

Do Some Flying At The Fairgrounds!



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TCRC Apparel For Sale

TCRC's club apparel is available for sale at most club meetings.

The new apparel is pretty nifty looking.

Club treasurer Tim Wirtz has been organizing the order of the club apparel and now has for sale:

- TCRC Hats \$12.00
- TCRC Hatbands \$5.00
- TCRC Gray Sweatshirts \$18.00
- TCRC Gray T-Shirts \$12.00

The dark blue hatbands are to be worn on broad brim straw hats and should look pretty neat.

Tim has plenty of the hats and shirts in an array of sizes. See him at a meeting to get your new TCRC shirt or hat.

July Is A Very Busy Month For R/C Activities!

TCRC may have lots of water sitting on its field right now, but that shouldn't stop anybody from enjoying this hobby in the month of July.

Even though we had to move our July 'Meeting At The Field' to the Scott County Fairgrounds, and we had to cancel Wings Over Jordan, we still have lots of things we can be doing associated with this hobby.

First, we can always fly at the Scott County Fairgrounds. But, in addition to that we have the AMA NATS in full swing at our national flying site in Muncie, Indiana. And the NATS go all month.

Then, right in the area at Eden Prairie, Minnesota is the AirExpo 2018 at the Flying Cloud Airport.

In Oshkosh, Wisconsin, EAA has its AirVenture scheduled for the week of July 23rd. Something like 15,000 airplanes fly-in for this event.

Air Supremacy Over Goshen occurs July 12th thru 14th at Goshen, Indiana.

To the south of us, even though Watts Over Owatonna has been cancelled, the Northern Alliance Military Fly-In is on for its normal time in August.

And just after the end of the month, the Wisconsin Fun Fly occurs on August 3rd thru the 5th.

So, there is plenty of flying events to partake of in July. Get out and enjoy this hobby!

J

J

Wisconsin Fun Fly August 3rd, 4th and 5th

by Jim Cook and Bill Sachs

The time for the 10th Annual Wisconsin Fun Fly is just around the corner – August 3rd, 4th and 5th and the hosts of the event, Bill Sachs and Jim and Mary Cook are promising fantastic weather this year.

The Wisconsin Fun Fly kicks off at 11:00 AM on Friday, August 3rd at the lake home of Jim and Mary Cook in Siren, Wisconsin. This is less than a very easy two-hour drive north of the Twin Cities. If you haven't been there before or need directions, give Jim Cook a call at 952-200-2030.

The Friday portion of the WFF is a float fly off of beautiful Viola Lake. Prior to the start of the flying a potluck lunch is served to the pilots and spouses, with the grilling meat provided by Jim and Mary. Immediately after the lunch it's down to the dock for an afternoon of float flying and camaraderie.

Around 3:30 the pilots start packing up the planes, and after a little more R and R caravan the 40 miles to Rice Lake to check into their motel.

8:00 AM Saturday everyone will have breakfast at the Rice Lake Norske Nook Restaurant before the guys head for Hungry Hollow for a day of flying and the women head for a day of shopping

and leisure, if they chose not to go to the field and watch the flying. The pilots will bring beverages and snacks to pass for a lunch break. Then it's more flying for the rest of the day.

The Hungry Hollow Air Field is a beautiful site located at the top of a hill overlooking some great Wisconsin farm land. The grass runway is huge, and well mowed.

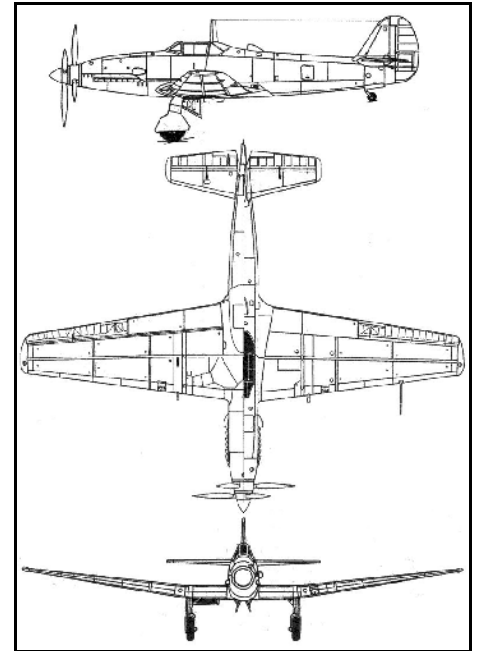
Saturday dinner will be held at Hanson's Hideaway in nearby Haugen, Wisconsin where the food is good and plentiful.

Sunday morning is breakfast at Norske Nook again and then the group can either put a few more flights in at Hungry Hollow, or head for home if they are too exhausted from all of the fun and adventure of the previous two days.

If you haven't attended a Wisconsin Fun Fly it is about time that you should visit our neighboring state and enjoy the great flying conditions Wisconsin has to offer. If you are interested, give Bill a call at 612-716-7256 or Jim at 952-200-2030. **J**



July Mystery Plane



MAD Coming August 25th

TCRC's premier event to show-off our hobby and our beautiful flying site is coming on Saturday, August 25th. It's Model Aviation Day.

Right now, the field is not available, but by August it will be.

At MAD, our neighbors, friends, and anyone who might be interested in our hobby is invited to the field to see what R/C is all about. These people get to see our planes, witness R/C flying, and have the chance to do some hands on both on a buddy box, and on a simulator.

This event takes considerable organization and manpower. Doug Elyea is the chair and needs your help. Be a part of MAD 2018! **J**

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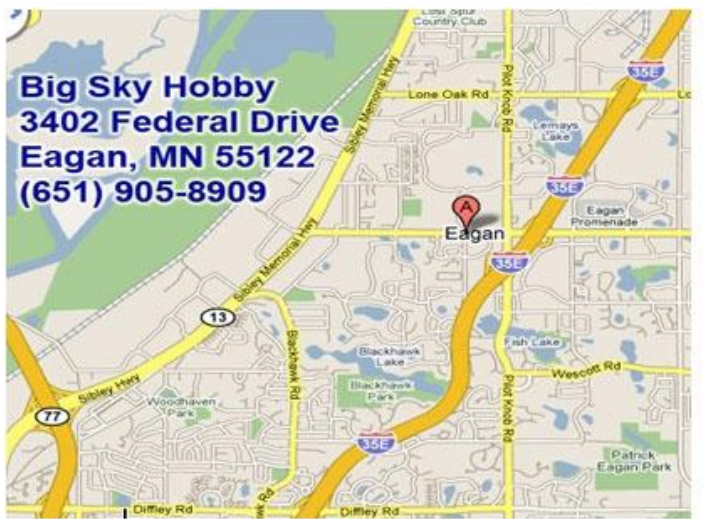
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