



August

Minneapolis, Minnesota U.S.A.

2023

Wings Over Jordan Held July 15th At TCRC Field

by Bob Breisemeister

My day for Wings Over Jordan started early with mowing the runoff areas at the end of the runways and trimming the fence and parking lot curbs so that the TCRC field would look its best for members and guests. Tim Wirtz arrived and set up the PA system so we could have music and tables for the TCRC café.



Lots of people and planes were at Wings Over Jordan on July 15th.
(Photo by Bob Breisemeister)

Members started to show up around 9:30 and began to assemble their airplanes they were going to fly that day. In all we had around 25 pilots with a few that were guest pilots from other clubs that have never flown at the TCRC flying site before. They were impressed with how nice and well maintained the field was.

I finished setting up the café for lunch and started cooking around noon. On the menu were hot dogs, brats, and hamburgers with all the fixings. Water and soda were also available along with chips. TCRC was asking for a donation to help cover the cost of the food - we broke even, which is perfect.

The flying started at about 9:30 and was still going when I had to leave at 2:30, and continued until 4:00. Brian Johnson brought out the paintball gun and the fun continued until the target plane started to fall apart, but we do have more trainers to shoot at!

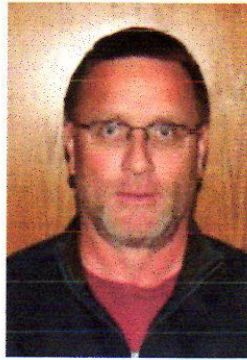
Overall, it was a fun day and a great day to fly. Of course, there were the usual dead stick landings, hard landings, and even crash landings turning airplanes into toothpicks, but we all know these things are part of the hobby.

Thanks to all of the pilots and spectators that came out to the field and make Wings Over Jordan an enjoyable and successful event.

The next event scheduled is MAD (Model Aviation Day) on August 26th, so come out, fly, and bring your family and friends - they will have a chance to fly and see what this great hobby is all about. ☺

A Note from The Head Wing Nut

By Bob Briesemeister



Hello Members,

Would someone please turn the thermostat down I'm getting tired of 90-degree days and tropical dew points – we have had around 25 so far this summer. I guess it could be worse and we could live in Phoenix where it has been over 100-degrees for most of the summer. Maybe this winter I will be wishing for temperatures in the 90s or at least above zero.

Is it just me or does it seem like time is going faster? I know that's not possible. Maybe there are just less hours in the day. It's hard to believe that this is our 3rd meeting at the flying field with only the September meeting to go and we are back inside at the church.

The club had one event in July which was "Wings Over Jordan." We had good weather and 25 pilots including some pilots from other clubs. I want to thank Tim Wirtz for his help and support for this event.

Besides the August membership meeting, TCRC is holding "Model Aviation Day" on August 26th from 10am to 4pm. This event is TCRC's effort to support and introduce new people to the hobby of flying and building model aircraft. We will have simulators and members with aircraft with buddy boxes so people can try to fly. So please come out and fly and invite your family and friends to watch or possibly try flying. The TCRC café will be open with hot dogs, brats, and soda. There will also be a chance to shoot the paint ball gun at a flying airplane.

Northern Alliance Military and Classic Fly In will be held August 10th, 11th, and 12th at the SMMAC field in Owatonna. This event draws pilots from all over the Midwest with giant-scale aircraft 80 inch wingspan and larger and also jet airplanes.

September will be a busy month for TCRC with our Scale Fly event on the 9th, last membership meeting at the field on the 12th, Fall Float Fly on the 16th at Bush Lake, and the Fall Swap Meet and Fun Fly at the flying field on the 23rd.

In August, the long grass at the field or RIM land (Reinvest In Minnesota) can be mowed. I would like to thank Jim Ronhovde for

switching the tractor over to the brush mower and getting it mowed. If any other members spent time mowing, I want to thank them also!

Good flying!



Calendar

- Aug. 2** **3rd Qtr Board Meeting**
President Bob's Home
7:00 PM

- Aug. 8** **Meeting At The Field**
TCRC Jordan Field
5:30 PM Dinner
7:00 PM Meeting

- Aug. 10-12** **Northern Alliance**
Military Fly-In
SMMAC Field
Owatonna, MN

- Aug. 17-19** **Warbirds & Classics**
Over the Midwest
Fond du Lac, WI

- Aug. 26** **Model Aviation Day**
TCRC Jordan Field
Tim Wirtz &
Brian Johnson

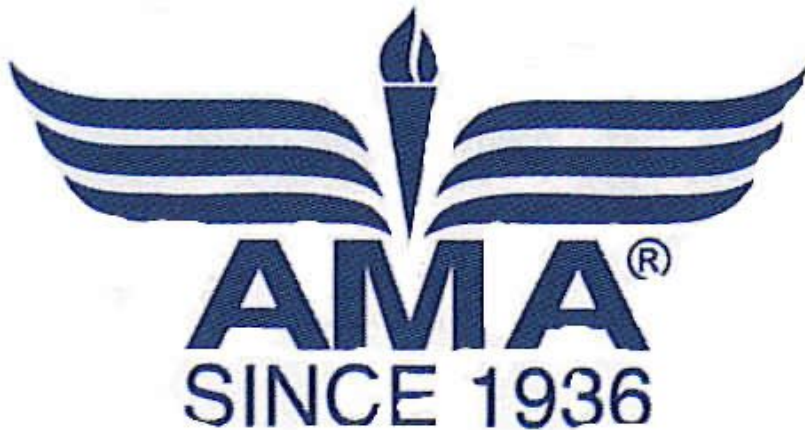
- Sept. 9** **Scale Fly**
TCRC Jordan Field
Scott Anderson

- Sept. 12** **Meeting At The Field**
TCRC Jordan Field
5:30 PM Dinner
7:00 PM Meeting

- Sept. 16** **Fall Float Fly**
Bush Lake Park
Bloomington, MN
Steve Meyer

- Sept. 23** **Swap Meet & Fun Fly**
TCRC Jordan Field
Bob Briesemeister





2023 FAA Reauthorization Bill

By Tyler Dobbs, Senior Director of Government Affairs
(Reprinted from *Model Aviation*, August 2023, Volume 49, No. 8)

At the time of this writing, the House has officially released its 2023 FAA Reauthorization Bill and, soon after, the Senate's 2023 Reauthorization Bill was released. Both bills provide solutions to some of the issues that our recreational community currently faces, which are outlined below; however, we are continuing to work with members of Congress on amendments that would further loosen restrictions.

We are early in the process as we work toward the final bill, and determine when changes to the proposed language will occur. There are still many months of work ahead of us as we continue to remove restrictions on the hobby. We will update our members along the way.

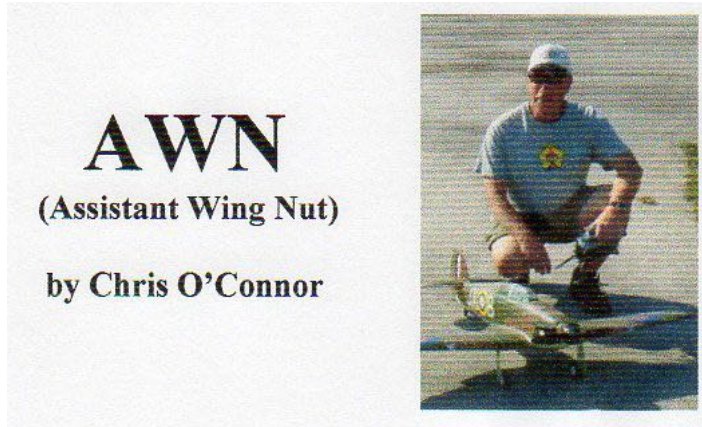
House Bill

- Includes a process to fly above 400 feet in Class G airspace.
- Better clarifies large model aircraft operations in Class G airspace and includes a process for operations above 400 feet.
- Updates educational provision to allow elementary and secondary schools to fly under recreational rules.
- Changes the term "sanctioned events" to "CBO-sponsored operations."
- Requires the FAA to work with CBOs to develop a process to approve altitude requests above the UAS Facility Map in controlled airspace.
- Requires the GFAA to prioritize and adjudicate FGTRIA (FAA-Recognized Identification Areas) requests at fixed sites.
- Requires the FAA to determine if a network base solution can satisfy the Remote ID rule.
- Mandates rulemaking for beyond visual line-of-sight (BVLOS) commercial operations.

- Include a provision for Unmanned Aircraft System Traffic Management (UTM) development and testing.
- Creates the Office of Innovation to manage the continued modernization of the National Airspace System.
- Provides \$1 million a year for Know Before You Fly from 2024 to 2028.

Senate Bill

- Includes a process to fly above 400 feet in Class G airspace.
- Better clarifies large model aircraft operations in Class G airspace and includes a process for operations above 400 feet.
- Provides \$1 million a year for Know Before You Fly from 2024 through 2028.
- Changes the term "sanctioned events" to "CBO-sponsored operations."
- Uses the word "drone" in place of UAS (definition remains the same from 2018).
- Requires that a categorical exclusion to the National Environmental Policy Act (NEPA) be developed for low-impact operations.
- Requires the FAA to develop UTM procedures specifically for BVLOS operations.
- Creates the Airspace Innovation Office to manage the continued modernization of the National Airspace System.
- Updates educational provision to allow elementary and secondary schools to fly under recreational rules. →



August already and more flying events to see and or participate in.

Later this week, Thursday through Saturday is the Northern Alliance Military Fly In down in Owatonna at the SMMAC field. Go to their website for info and directions. About an hour south of Bloomington. There will be 100-120 pilots with upwards of 500 giant-scale warbirds and classics, and also jets. Pilots from as far as Oklahoma, Colorado, Kentucky, Canada, etc. travel to Owatonna making this one of the premier fly-in's in the country. If you haven't been to this event before, make sure to put this on your bucket list. There will be as many as 5 planes at a time flying. Members from TCRC will be in charge of the flightline this year as in the past. If you come don't forget to bring a chair. Even some of the TCRC members will also be flying in the event.

One reminder that I would like to bring up is safety. The past few times out at the field, I have noticed people not practicing some of the club's safety requirements. These are there for everyone's safety, not just trying to make it difficult for everyone. Just imagine if, in violating one of our safety guidelines, someone is injured. How would you feel then? Examples that I've seen are taxing in the pit area. This should be common sense. I know it would be fun to do, but what if you accidentally hit your throttle and the plane hit someone, or something broke and your plane damaged someone else's plane or again hurt somebody. Look at what your selfishness just caused because you didn't follow the guidelines. I know when by yourself what difference does it make and you are correct, but we fall back into bad habits when there are other members out there.

Another one is taking off from the taxiway. That's not supposed to be happening. Maybe it doesn't seem like an issue, but you could miss seeing a plane and cause a midair or lose control and the plane goes into the piloting area hurting someone. Let's not be so lazy, just take the extra seconds and taxi onto the runway for take off.

The last one I'll bring up is flying in a racetrack pattern when there are multiple planes in the air. If you are alone or with a couple of buddies that fly

together do this with each other fine, but if someone else is in the air, give them the courtesy of flying responsibly.

Please, let's be courteous to our fellow members and friends.

Hopefully I will see you at Owatonna, the Jordan flying site, and at a TCRC meeting.

Safe flying.



Model Aviation Day August 26th

By Tim Wirtz

Model Aviation Day will happen on August 26th this year. We will have concessions, shoot paintballs at a sacrificial airplane (a different one than before as the old U.S. AirCore coroplast plane we had delaminated itself in mid-air and met the ground with thunderous impact).

We will be giving away a trainer plane, probably an Apprentice or something similar, to non-members, so tell your friends to bring their kids.

If anyone is available for set up and/or takedown, that would be really appreciated. We'll also need a simulator if anyone has one.

Since the public will come, the more pilots and planes we have there, the better it will show off our club and the sport.

If you have any questions or can help out, please contact me.



Nifty Aircraft Could Be Seen at Wings Over Jordan in July



Wings Over Jordan attracts some good pilots and some great looking airplanes to be enjoyed on the ground and in the air.
(Photo by Bob Breisemeister)

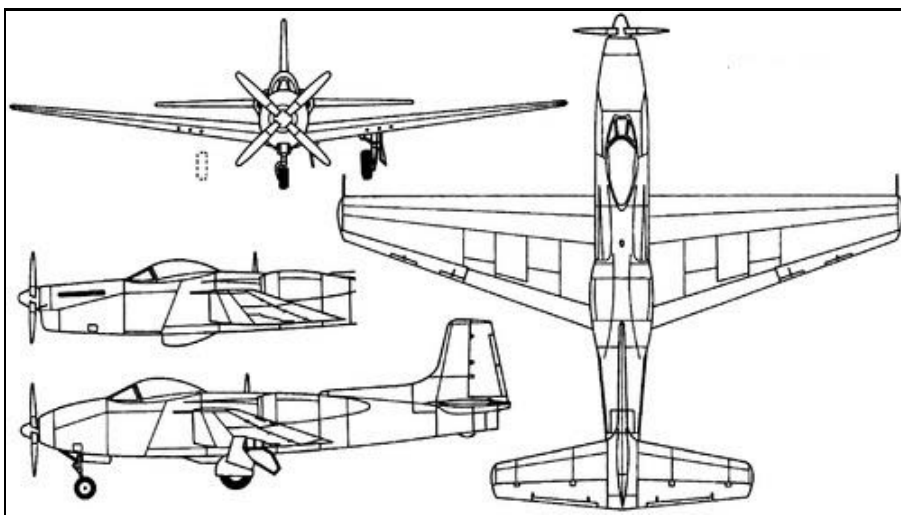


There were even some airplanes for sale at Wings Over Jordan.



A plane soared overhead in the sky at Wings Over Jordan.
(Photos by Bob Briesemeister)

August Mystery Plane



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. 😊

Curtiss F-14 C

by Conrad Naegele

The July Mystery Plane was the Curtiss F-14 C.



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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TCRC Flare Out

Editor James R. Cook 952-200-2030
Publishers: Pat Dziuk 952-445-3089

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On June 30, 1941, Curtiss received a prototype contract for a new shipboard fighter, to be equipped to have a new Lycoming H-2470 liquid-cooled radial engine, developing 2,000 horsepower. However, early on Lycoming failed to develop the engine. Wright had an R-3350 14-cylinder engine ready, so Curtiss designed the F-14 around it. The plane featured a 6-blade contra rotating prop.

First flight testing was started September, 1943, but performance was far below that claimed by Curtiss, and the plane had considerable vibration. After further testing which took considerable time, it was decided to abandon further development and the contract was ended. Apparently three prototypes were produced.

Curtiss F-14 C was a single-seat fighter with a wingspan of 46-feet, a combat weight of 3,405 pounds and a proposed speed of 380 mph. For armament it had four 20 mm cannon.

The last Curtiss fighter with a piston engine as its sole power plant, the XF14, failed to meet Navy requirements. ☺

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.

MNBigBirds.com *Free! Scale Plan Downloads*

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

New!
Hawker Hurricane Mk II
1/4 Scale British Fighter

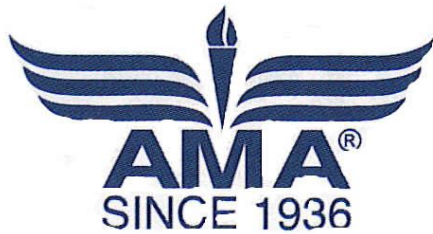
New!
Howard Pete
1/3 Scale Racer

New!
KI-45 DRAGON SJ AVFD

Andersen Designs

Add'l Extras
• In Flight Videos
• Construction Articles
• Scale Documentation
• Paint Masks & More!

Composite Parts Available Thru MICKO



FAA Registration and Renewal

By Chrystal Pearson, AMA
Director of Government Relations

(Reprinted from Model Aviation,
August 2023, Volume 49 No. 08)

Members often have questions regarding the FAA registration/renewal process. An FAA registration number is required for all model aircraft over 250 grams (0.55 pounds), and the same number can be used on all of your aircraft. FAA registration costs \$5 per individual and needs to be renewed every three years.

One of the most important steps in the registration/renewal process is to make sure that you are on the correct website. There are many fraudulent websites that will charge more than the \$5 fee and will not provide users with a legitimate FAA registration number. The correct website is <http://faadronezone-access.faa.gov>.

Once there, you will create an account or log in to your account if you have previously registered. When creating your account, be sure to save your login information so that you are able to access your account in the future to view your registration number, make changes, and renew your registration before it expires.

Twin City Radio Controllers Model Aviation Day



August 26th, 2023 at the TCRC field in Jordan, MN

Come see what the world of Model Aviation is about!

10 am to 4 pm

Many different types of aircraft — Scale, Aerobatic, Sport, Trainers

Demonstration flights

Try flying for yourself on Flight Simulators and Training Aircraft with experienced pilots

Take Your Best Shot — Shoot paintballs at a model airplane! 50 cents per paintball. Buy 20 balls for \$10 or 40 balls for \$20!

Drawing for Free Airplane (TCRC Members and their families not eligible, must be present to win)

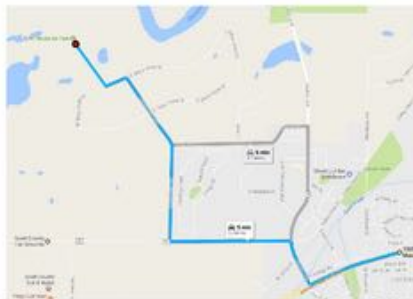


Concessions

- Burgers
- Hotdogs
- Chips
- Soda/Water

R/C Pilots with Current AMA
Membership welcome to fly

Contact Info:
Tim W. (952) 297-5226



Instructions to Main Site	Miles
Head South on US-169 toward Jordan	9.0
Turn RIGHT onto County 9 at the traffic signal in Jordan	0.3
Turn LEFT onto County 57/E 190 th St	0.6
Turn RIGHT on Beaumont Ave. Beaumont Ave becomes Beaumont Way. Go straight through the four way stop.	0.9
Turn LEFT at the yield sign onto W Sioux Vista Dr	0.1
Turn Right onto the gravel road at the signs for TCRC and proceed down to the parking lot.	0.3

The process can be somewhat confusing, so we put together a step-by-step guide to help members through it. You can find the guide on our blog by visiting <https://amablog.modelaircraft.org/amagov/2022/08/09/update-to-the-faa-dronezone-and-registration-renewal-process>. →

TCRCOnline.com

Twin City Radio Controllers



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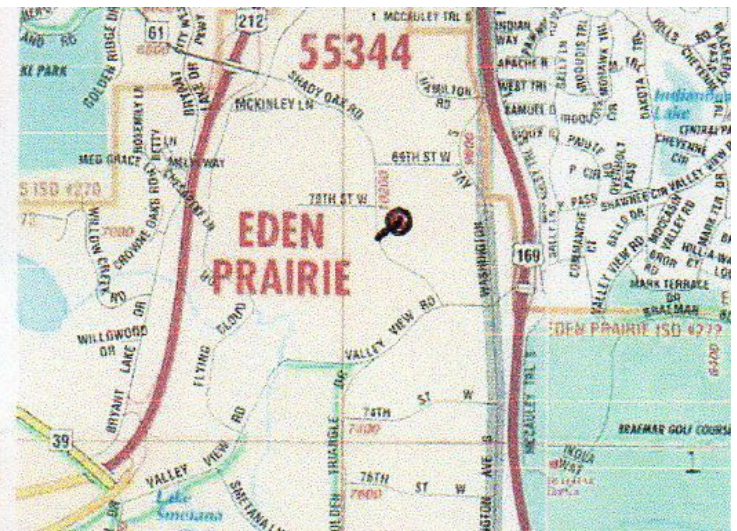
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