



August

Minneapolis, Minnesota U.S.A.

2012

TCRC Hosts Big Bird Fly-In At Jordan

by Jim Cook

TCRC's recently refurbished Model Air Park in Jordan was the site of the 2012 edition of the Big Bird Fly-In. Steve Meyer and Chris O'Connor were again the co-chairs for the event and early on it looked like rain might cancel the fly-in. However the rain relented and late in the morning the sun came out and created a great day for flying.

which included newly paved pits, seal-coated runways, new gravel in the parking lot plus a lot of clean-up and paint-up from the club members. The field was looking spectacular!

This year the number of participants was down somewhat and co-chair Chris blamed the fewer planes on the morning rain.

As he has done in the past Gerry Dunne manned a concession stand with the help of his wife Lisa.

Most of the planes present were scale although there were a few giant-size trainers present also.

It was a beautiful day to fly and the participants did just that with some fantastic looking planes constantly in the air.

Steve and Chris say thank you to all of the pilots who came out to showcase their big birds. Also a big thank you to Gerry and Lisa for taking the time to run the concession stand, and to all of the members who worked so hard in getting the TCRC Jordan field into great shape. J



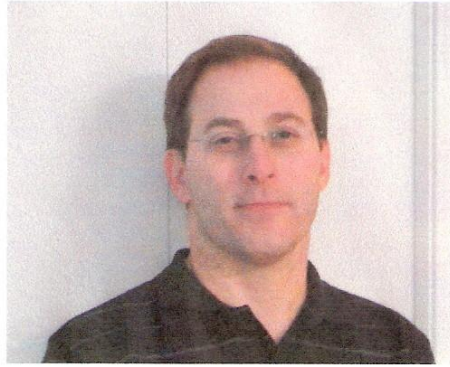
Lots of great looking giant-scale airplanes graced the pits and soared over the runways at Jordan. (Photo by Steve Meyer)

This was the first official event scheduled for TCRC's flying site since the runways and pits had undergone considerable improvements,



From The Flight Deck

By President Tim Len



Hi Everyone!

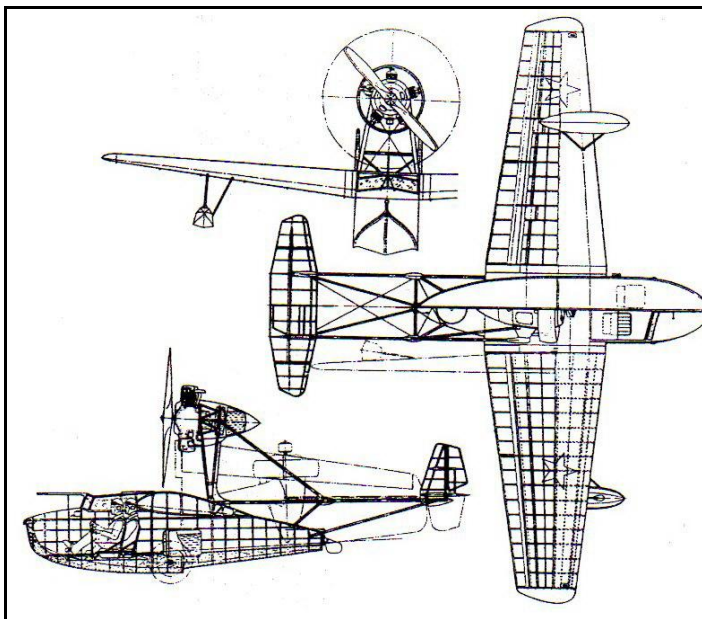
Welcome to August 2012, many of you by now have had a chance to make your way out to the field and see the runway improvements that have been done. Special thanks to Larry and Corey for all their efforts that went beyond the normal field maintenance. I would also like to thank many of our club members who have gone out of their way in keeping the field looking great. Thank you all, it is very much appreciated.

The Big Bird Fly In was a great success, the field was in top condition and we had a nice turn out.

I have been busy working on planes, getting them ready for the Northern Alliance Military Fly-In, and of course getting some flying in. This past weekend was the Watts Over Owatonna and it was great seeing a lot of our members there.

I look forward to seeing you all at the next monthly meeting. Happy Flying!

August Mystery Plane



Model Aviation Day August 25th

The 2012 Model Aviation Day has been scheduled for Saturday, August 25th at the TCRC Model Aircraft Park in Jordan.

Model Aviation Day is open to the public. COME JOIN US in the excitement and thrills of flying radio-controlled aircraft! Not only will you see these aircraft perform exciting maneuvers across the sky, but you will get a chance to try your skills at flying on a computer simulation, and then, actually FLY an aircraft YOURSELF! Demonstrations and discussions will be held on checking out and preparing an aircraft for flight by experts! Pilots will be flying all day! Food and soft drinks will be available onsite.

This is a great event designed to let the people in our area know what our hobby is all about and to give them a chance to experience what it is like to take the sticks of an R/C airplane. We need our members to bring some of their neat looking aircraft that can be used in static display, but also to be seen in the air doing flying demonstrations. We need members to help with the static display, the flight simulators, concessions, and to be available to answer the questions of our neighbors about this great hobby of ours.

Scott Anderson is the champion for Model Aviation Day and he is promising great weather for the event!

J

Pictures From TCRC's 2012 Big Bird Fly-In



Gerry and Lisa Dunne provided concessions to everyone at the Big Bird Fly-In.



Co-chair Steve Meyer had one of his newest giant-scale planes at the event.



The newly paved pits and taxiways were great backdrops to the big planes.



Morgan Larson gets an assist from Chris O'Connor with his giant Cessna 182.

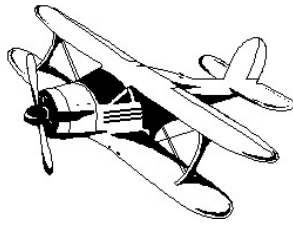


Larry Couture unloads his planes from his van.



Morgan Larson helps Chris O'Connor as he taxis his giant-scale P-51 onto the runway.

Show & Tell



The July meeting brought some nice airplanes for Show & Tell. Scott Anderson sent the pictures of all of the planes to me but I was not able to obtain the data sheets and notes for each plane. Therefore I will present the pictures for you to enjoy and add what I can infer from those pictures.



President Tim Len and a great looking ARF warbird. Probably awaiting its maiden flight.



A nice looking Sig Kadet trainer with a 40-size two stroke engine ready to take its builder into the skies.



Chris O'Connor with the cockpit from what will be his newest giant-scale warbird.



Sherwood Heggen with a glow-powered sport plane. Knowing Sherwood the plans for this plane are probably from the 70's.



Gerry Dunne with what is undoubtedly an electric ARF warbird.

Veep's Corner

By Chris O'Connor



As I write this, the electric fly, Watts over Owatonna has just ended. TCRC was well represented with fliers, volunteers, and spectators. I hope everyone enjoyed themselves. It's nice to see such good support from the members. Next meeting we can discuss any pros or cons that you experienced.



The flight line at Owatonna was a busy place. TCRC'er Gerry Dunne is shown here getting in one of his many flights. (Photo by Paul Doyle.)

Two weeks ago we had our Big Bird Fly-in. The weather started out with rain, but by 11:30 the flying had started and lasted all day, with sunny skies and light winds. Almost too light for giant scale. We had 10 fliers that participated. In the past we would have 15-20. I think the rain kept people away. That's OK, that meant we all were able to get lots of flying in. The field was in excellent shape. I won't try to list names for fear of forgetting someone, but I want to personally thank everyone that was responsible for getting the field in great shape.

The next event for TCRC is the fun fly at Jim Cook's cabin on Friday August 10th, with continued flying Saturday and Sunday at the Rice Lake club's field. Make plans to attend the Wisconsin Fun Fly August

10-12. Contact Jim Cook or Bill Sachs for more info. For those of you that are not attending the Wisconsin Fun Fly, Owatonna has their annual Northern Alliance Fly-In. Close to one hundred fliers will be there, including some TCRC members. So much to do, so little time!

The following weekend August 16-19 is another fly-in in Fond du Lac, Wisconsin. Although not a TCRC event, a number of TCRC members will participate. Very similar to the Owatonna event.

The following weekend, August 25 is TCRC's annual Model Aviation Day. We invite our neighbors to come down and see what we are all about, plus guest fliers to come and fly and enjoy our beautiful flying site. We can use everyone's help with this one.

What a busy month for flying. Everyone should have an opportunity to get a plane or two into the air. Get involved, it's fun. Have a great month! **J**

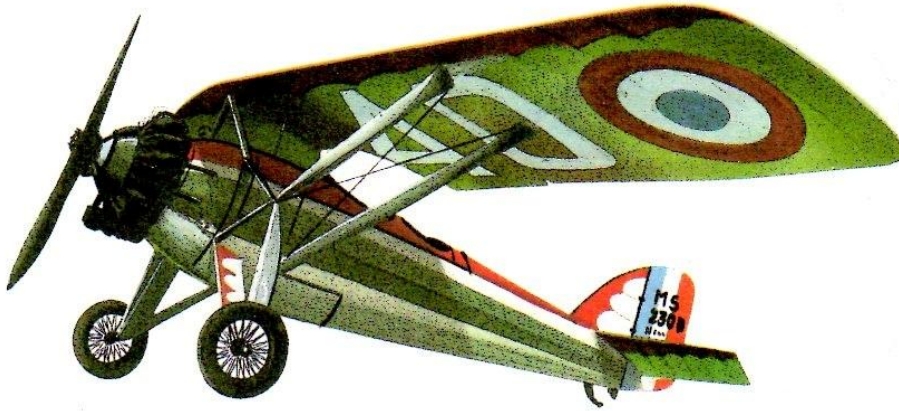


More pix from Owatonna.

Morane Saulnier MS 230

by Conrad Naegele

The July Mystery Plane was the French Morane Saulnier MS 230.



The Morane Saulnier 2-place intermediate trainer was the most important French aircraft of its class during the inter-war years.

Flown for the first time, in prototype form in 1929, this was a robust, strut-based, high-parasol wing monoplane, with a circular section fuselage, and had a wide track landing gear. It was of typical construction for the time, rag and tube, a combination fabric and metal, but with a surprising amount of modern metal fittings. As a trainer, the pupil sat in a cockpit directly under a cutout in the wing trailing edge, and the instructor directly behind.

The plane was very acrobatic, but was used extensively for liaison, observation, gunnery training, and glider towing, plus many other uses, and it led to many additional variants. It was sold to many other countries, and was built under license by other countries. It was fitted with floats, and skis. Over production it was fitted with many different engines, including diesels. Number of units built is vague but about 1,000 to 1,500. Some were still in use after WWII. (Writer's note: In the film *The Blue Max*, with George Peppard, the German experimental fighter that crashed, killing the character that Peppard played, was a Morane Saulnier MS 230. It looked very German, but was French.)

The Saulnier was powered with a Salmson 9 AB liquid-cooled radial engine that developed 230 horsepower. It had a wingspan of 34 feet, a gross weight of 2,535 pounds and a speed of 127 mph. J

Calendar

- Aug. 10-12 Wisconsin Fun Fly
Siren and Rice Lake
Wisconsin
Bill Sachs and
Jim Cook
- Aug. 10-12 Northern Alliance
Military Fly-In
SMMAC Field
Owatonna, MN
- Aug. 14 Membership
Meeting, 7:00 PM
CrossPoint Church
Bloomington
- Aug. 16-19 Fond du Lac Fly-In
Wisconsin
- Aug. 19 Pylon Racing
1:00 PM Jordan Field
Paul Doyle
- Aug. 26 Pylon Racing
Rain Date
- Sept. 15 Fall Float Fly
Bush Lake Park
Bloomington, MN
- Sept. 22 Scale Fly-In and
Camp Out
TCRC Jordan Field

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.

TCRCOnline.com
Are You Using It?

Jordan Field Report

by Corey Kaderlik

Summer is going fast. I would like to thank all of the volunteers who are donating all of their time to getting the Air Park back into top shape again. The field is in great condition. The blacktop and sealing project looks excellent. Great job by the Board for getting this done. Gravel was ordered from Hermann's for the parking lot and it spread out beautifully.

Please check the mowing schedule to see if you have signed up so that the mowing is kept up to par. This month we can cut the East and West RIM Land from August 1st to the 20th for weed and willow control.

Once again, Thank You and Happy Flying!

J

2012 Mowing Schedule

Aug.	29-4	Steve Meyer	Runway edges and North sections
	5-11	Stan Erickson	Runway edges and South sections
	12-18	Ken Corrin	Runway edges and North sections
	19-25	Craig Greenwald	Runway edges and South sections
	26-1	Tim Wirtz	Runway edges and North sections
	1-20	Jim Ronhovde and Daniel Olberg	Rim land and East sections
Sept.	2-8	Tim Wirtz	Runway edges and South sections
	9-15	Ken Corrin	Runway edges and North sections
	16-22	Craig Greenwald	Runway edges and South sections
	23-29	Darryl Volk	Runway edges and North sections
Oct.	30-6	Corey Kaderlik	Runway edges and South sections

Fall Float Fly September 15th

TCRC's annual Fall Float Fly will again be held at Bush Lake Park in Bloomington, Minnesota on Saturday, September 1st. Steve Meyer is the chair for the event and he has set the start time at the usual 10:00 AM, with a short pilots' meeting being held at that time to go through the flying pattern, general safety rules and frequency control. Immediately after the meeting, the planes can soar into the air for a day of flying. The weather, of course, will be beautiful.

The event is open to any R/C pilot that has a current AMA card, and the club will furnish a retrieval boat for those planes that stall on the water or have other minor mishaps.

The Fall Float Fly is always well attended, with lots of TCRC pilots and several pilots from other area clubs. In addition the event always attracts a lot of favorable attention from the many spectators that use the Bush Lake Park amenities.

If you haven't flown off of water yet, you don't know what you are missing. The runways are much bigger and a lot easier to find during a landing. That the time to put some floats on an airplane or two and head for Bush Lake Park on Saturday, September 15th. Even if you don't plan on flying, take the time to come out to the park and enjoy the great fall day, and watch the many beautiful float planes that will be gliding over the water. J

Northern Alliance Military Fly-In

One of the best military scale flying events in the country is held right here in Minnesota at the Southern Minnesota Model Aircraft Club in Owatonna.

This year it is from Friday, August 10th through Sunday, August 12th. Registration forms can be obtained at the www.smmac.com website.

The Northern Alliance Military Fly-In is a great event to participate in as an R/C pilot, but it is also a fantastic event to attend as a spectator. The quality and number of giant-scale warbirds is awesome and this is an event that you shouldn't miss. It is always well attended. Plan on attending the Northern Alliance Military Fly-In in Owatonna this year. **J**



MAD 2012
MODEL AVIATION DAY

Since 1957 **Saturday** *Join Us!*

AUGUST 25 2012
11:00AM-3:00PM
TCRC Model Air Park
18266 W. Sioux Vista
Jordan, MN

Food & Soft Drinks Available on site!


COME JOIN US in the excitement and thrills of flying radio-controlled aircraft! Not only will you see these aircraft perform exciting maneuvers across the sky, but you will get a chance to try your skills in flying on a computer simulation, and then, actually **FLY** an aircraft **YOURSELF!**

Demonstrations and Discussions will be held on checking out and preparing an aircraft for flight by Experts! Pilots will be flying all day!

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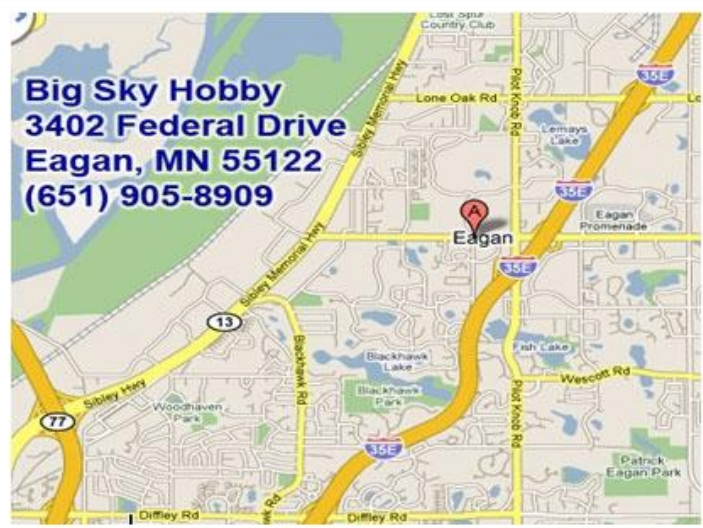
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Pylon Racing Hot And Heavy For Third Race Date

by Paul Doyle

The third race of the T-28 pylon race league had eight racers in attendance racing in heats of four to minimize the risk of mid-air and mishaps but once again that did not keep Kris Hanson from finding another racer for his third mid-air of the season. The mid-air occurred during lap two of the first race when Kris turned corner two and his prop found my tail in his way tearing the rudder in two and removing almost the entire left side of the horizontal stabilizer and elevator. Unfortunately for Kris the impact forced him out of the race and I was lucky to limp my way through with half a tail finishing a close second to Mike Burke.

Heat two was equally exciting when Mike started the heat focused on the wrong airplane and didn't notice until his plane did a reverse Immelman followed by a split S into the ground effectively ending his day. Despite Kris's best efforts :) I was able to race heat two with half a tail for the win proving how resilient and stable these Parkzone planes are, though I'd like to thank Mike for letting me finish races 3-6 with his horizontal stab after his mishap but I'm not so sure the rest of the field was as happy as I was to see my plane whole again.

Race week 3 was our most competitive yet with most races ending with the top three or four racers within a half second or so of each other and I expect August's races to be even more competitive!

Just a reminder it's never too late to join in on the fun and the next race date is August 19th. Hope to see you all there!!!

Week 3 Results

Heat	Paul	Rick	Kris	Mike	Matt	Gerry	John	Tom
1a					1 st	2 nd	4 th	3 rd
1b	2 nd	4 th	3 rd	1 st				
2a	1 st				2 nd		4 th	3 rd
2b		3 rd	2 nd	4 th		1 st		
3	1 st	5 th	2 nd	8 th	3 rd	4 th	7 th	6 th
4	1 st	2 nd	4 th	8 th	3 rd	5 th	6 th	7 th
5	1 st	5 th	3 rd	8 th	2 nd	4 th	6 th	7 th
6	1 st	5 th	3 rd	8 th	2 nd	4 th	7 th	6 th



The tail section of Paul's T-28 after a mid-air with Kris Hanson. (Photo by Paul Doyle)

Points Scored Week 3

Pilot	Total
Paul	119
Matt	113
Kris	109
Gerry	106
Rick	102
Tom	94
John	92
Mike	89

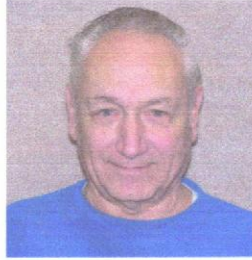
Standings After 3 Race Dates

Pilot	Total	Races
Paul	359	3
Matt	332	3
Kris	322	3
Mike	291	3
John	286	3
Darryl	203	2
Tom	195	2
Curtis	112	1
Gerry	106	1
Tim	103	1
Rick	102	1



Safety At The Field

By Larry Couture



Well here it is the end of July, 2012 and the field is not under water at this time. The lack of rain is more of a problem but we are not farmers and it does slow the grass mowing problem a lot. If you have not been out to the field lately, the sidewalk areas that were patio blocks are now paved with blacktop and this was done with the Jeff Farnum memorial funds. The total runways and taxiways are seal coated and striped using the club's maintenance funds. The fences are painted and the parking lot has new rock on it, so come-on out, the beautiful field is waiting for you.

The field rules are printed in the front of the roster and on a large board in the shelter at the field, along with no smoking signs. Now the adage goes that rules are made to be broken but in this case breaking the rules can lead to an accident and maybe serious injury, so please do not follow or believe in that old adage. The thing I like to harp about and that is let your fellow flyers know what you are doing or going to do by LOUDLY ANNOUNCING take offs, landings, dead stick, on the field or anything else you can think of that they may need to know, and wait for their ACKNOWLEDGEMENT back to you. In my opinion this is the best way to keep our flying site accident-free which it has been for a long time, so let's keep it up.

I want everyone that goes to the field to know where the **Fire Extinguisher**, (red bottle with pin and trigger), **First Aid Kit** (clear plastic case with cross on it) and **Vests** for going in woods for retrieval (blue case with VEST on front) these are all hanging on the NORTH WALL of the SHELTER. Your knowledge of where they are could expedite a faster solution to a problem or an accident.

Fly often, have fun and crash less, and as usual all landings from which you can fly again are great but not always graceful so keep the rubber side down. J

When Was The Last Time You Read The TCRC Field Rules?

Model Aviation Goes Digital

Model Aviation can now be viewed on your tablet device! That's right, you can now download the magazine on your Android tablet or Apple iPad. The Publications staff has worked hard to make this available and the first download is *free* for a limited time.

You'll find your favorite features, reviews, columns, and more. More?

The *Model Aviation* App contains bonus videos, interactive features, and slideshows. For example, embedded in the Globe/TEMCO Swift review on your tablet is a build and flight video. It's only a touch away!

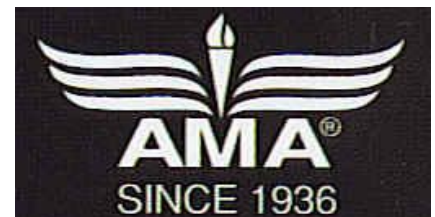
Learn more about how to download the App at www.ModelAviation.com/digital.

While you're there, read about all of the other exciting things going on, including the up-to-date collection of *Model Aviation* magazine, known as "The Library", going back to 1975.

Let us know what you think!

(Editor's Note: As of press time the MA app has been submitted to iTunes for the iPad but it is still being processed. It is supposed to be ready very soon.)

(Reprinted from *Model Aviation*, newsletter of AMA, Muncie, Indiana, August, 2012, Jay Smith, Editor.) J



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Watts Over Owatonna



TCRC member Wayne Rademacher poses with his giant-scale electric at Watts Over Owatonna in July. The weather was great and the event was very well attended.

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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