



September

Minneapolis, Minnesota U.S.A.

2017

TCRC Purchases New Mower Deck

by Jim Cook

The club purchased a new pull-behind mower deck for the New Holland tractor and it attracted a lot of interest at the August 12th Meeting at the Field.



Chief mechanic Doug Elyea shows off his new mower deck at the August meeting. (Photo by Jim Cook)

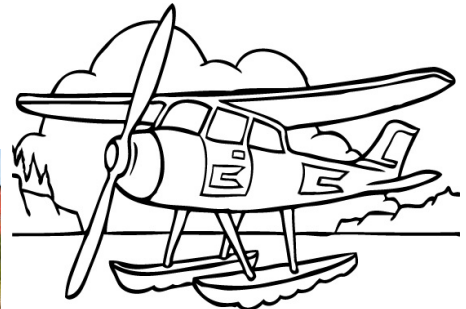
The under-tractor mowing deck was in bad shape and was in need of being replaced. Doug looked at a replacement for the one the club owns, but then looked into pull behind units. As it turned out, the pull-behind was a new unit and a fraction of the cost of the under-tractor model.

Doug had to do some minor adjustments to make the unit connect to the tractor and the power take-off, and it had already been used to mow the Jordan field. The mower cuts a wider swath than the previous mower, and is very easy to hook onto or take off of the tractor.

Thanks to Doug for his time and effort in obtaining the mower. J

TCRC Fall Float Fly September 23

by Steve Meyer



TCRC's annual Fall Float Fly will again be held at Bush Lake Park in Bloomington on Saturday, September 23rd.

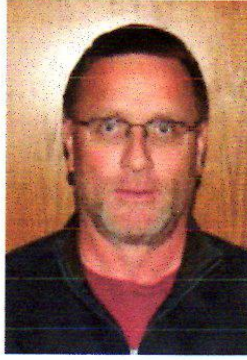
Start time is 10:00 AM. Chair for the event is Steve Meyer, and the event is open to any pilot with a valid 2017 AMA membership card. If it's too windy or raining we will cancel the event.

Get the floats onto a plane and be at Bush Lake beach on September 23. J

**Be a Float Pilot On
September 23rd**

A Note from The Head Wing Nut

By Bob Briesemeister



TCRC Members,

Where has summer gone? I can't believe that I have already been to the State Fair! The field for the most part has been dry this summer until the last weekend of August which forced us to cancel MAD. The water only got to around 19 feet which put the water just past the shelter. Some members made the best of the flood situation by doing some float flying at the main field. They were able to fly wheeled aircraft at the west end and floats at the east. (See pictures to the right.)

There are a few upcoming events in September. The first is the Scale Fly on the 9th. The event has been moved up a week from the 3rd weekend to not interfere with another club's event. So if your aircraft resembles a real airplane bring it out and fly. This event is open to any current AMA members so invite your friends from other clubs to come fly or just come and check out the field.

The next is the last membership meeting at the field on the 12th. Come out early and fly because the sunset is now approaching 7:45. The same rule applies, if the weather is not good for flying we will meet at CrossPoint Church. Please check your email for possible changes.

The Fall Float Fly will be held at Bush Lake Beach on Saturday the 23rd at 10am. Let's all hope for the nice weather that we had at the Spring Float Fly. For more information contact Steve Meyer.

I had the repairs on the runways scheduled for the last week of August but with the flood, I had to cancel. I will try again when the water table permits the equipment to be on the runways. I had one more load of rock hauled in to finish the driveway all the way to the parking lot which will help with the mud and low spots.

I would like to thank the members that mowed the RIM land and that were able to mow some areas that we were not able to mow last fall.

At the May membership meeting I informed the club of the passing of Bill Jennings, a past president of TCRC. There will be a Celebration of Life on September 6th from 2 to 4 at the Perkins in Lakeville MN. It is located at County Road 50 and 35W.

It's time for the Hobby Warehouse Fall Swap Meet on Saturday September 9th from 8 to 12 hope to see you there.

There will be a plane up for raffle at the September 12 meeting but I have not picked one out yet so it will be a surprise.

See you at the meeting

J



Tim Kemper relaxes between flights on the somewhat wet Jordan field.



Tim's float plane in the pits. (Photos by Bob Briesemeister)

August 8th Meeting At The Field In Pictures



The day was sunny and bright and no wind (and no water to be seen) and the pits were full of planes for some flying before and after the TCRC Meeting at the Field.



Longtime member Bob Sweeney brought out a new plane for a maiden flight and asked Chris O'Conner to do the honors. The plane flew well and had a beautiful landing.



What would a 'meeting at the field' be like without a chow line? President Bob had the grill hot.



Scott Anderson had his Lysander #2 at the field for an engine check. This plane was pretty nifty.



President Bob called the business portion of the MAF to order promptly at 7:00 PM.



Ali Reda's 'spin and toss' technique was something to see as he launched his glider.

Photos by Jim Cook

SCALE SATURDAY

Sept. 9th 2017

11:00AM-4:00PM

TCRC Flying Park

18266 W. Sioux Vista, Jordan, MN



Join Us for a day of flying Scale Aircraft at the TCRC Model Air Park Near Jordan, MN!

No Fees, No Competitions, Just friends having fun flying great looking miniatures! Any Size Scale Models of man carrying aircraft are welcome!

FIELD RULES:

- All Pilots **MUST** have an active AMA Membership Card
- All Pilots **MUST** use a Spotter and fly within the designated pattern
- Maximum (4) Aircraft flying at any one time

CONTACT: SCOTT ANDERSON 952-240-8606 MOBILE (call or Text)
AndersonScottE@hotmail.com

Sponsored by: the Twin City Radio Controllers (TC/RC)
www.TCRCOnline.com



Contact Scott Anderson
AndersonScottE@hotmail.com

Don't



Forget!

The TCRC Membership meeting on September 12th will be held at the TCRC Model Air Park in Jordan, weather and water permitting.

The grill will be on and dinner will be served at 5:30 PM. The meeting will start at 7:00 PM. Bring a plane and get some flying in before enjoying a dinner on the club and then attending the membership meeting.

In case of bad weather the meeting will be at its normal time of 7:00 PM at CrossPoint church in Bloomington.

TCRCOnline.com

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TCRC'ers Trek East To Wisconsin Fun Fly

by Jim Cook

August 4th found several TCRC members and their spouses heading to Siren, Wisconsin for the first leg of the 8th annual Wisconsin Fun Fly. This event, hosted by Jim and Mary Cook and Bill Sachs starts with a lunch at Jim and Mary's home on Viola Lake and then an afternoon of flying great looking airplanes off of the lake.



Most of the Siren contingent getting ready for lunch at Jim and Mary Cook's cabin. (Photo by Jim Cook)

The last couple of years the Friday portion of the WFF has been plagued with bad weather. When everyone was arriving, the sun was shining, albeit the wind was picking up.



By the time the pilots got down to the water, the wind was stiffer and the clouds were gathering. That didn't stop Larry Couture, Don Olson

and John Dietz from attempting some early flights. Don was the first successful one into the air and back down again, making it look easy.

Don also brought out his DJI Phantom 3 drone, and showed everyone how easy it is to fly. He took some great aerial shots of the dock and lake and pilots.



Don and his DJI drone over Viola Lake. (Photo by Jim Cook)

As other pilots readied their planes for a windy flight or two, thunder close by put a stop to those efforts and the group decided to adjourn to Jim's garage until the storm passed.

While in the garage, Conrad Naegele brought out his brand new drone, and when the skies cleared a little, Jim Ronhovde flew the craft in the yard.



Jim Ronhovde trims out Conrad Naegele's drone in the front yard. (Photo by Jim Cook)

More thunder signaled the end of flying for Friday, and all started packing up. Dinner was scheduled for Tracks Restaurant in Spooner,
Continued on Page 6, Col. 1

Wisconsin Fun Fly

Continued From Page 5

Wisconsin. This was handy for the TCRC'ers because Spooner is about halfway to Rice Lake where most of the group was staying.

Saturday morning is was breakfast at the Norske Nook in Rice Lake and then around 9:00 AM everyone headed for Hungry Hollow, the home of the Rice Lake Model Airplane Club.

New president of RLMAC Doug Zimmer greeted the TCRC'ers as they arrived at the field. In contrast to Friday, there was absolutely no wind, and the sun was shining brightly.

Besides the Siren contingent of club members, Chris and Nathan O'Connor, Steve Meyer and Jon Perry drove up for the land-based leg of the Wisconsin Fun Fly.

The Rice Lake group is big into large airplanes, and they had several at the field. Flying conditions were superb and the runway was in great shape. The only negative was that this year the crop in the nearby field was corn, but no pilot tried to hide a plane among the corn this day.

After a day of good flying, the group headed for Cousins Hideaway in nearby Haugen, for a delicious meal.

Sunday found the group at the Nook again, and then it was time to head home.

Thanks to all the pilots and spouses who made the trek east, and thanks to hosts Bill, Jim & Mary. **J**

Flying at Rice Lake Was A Laid Back Affair For The TCRC'ers



A few of the ladies returned from a morning of shopping in Birchwood, Wisconsin to join the TCRC pilots at the field, who obviously were taking it easy between flights. (Photo by Jim Cook)

The Father/Son Team of Chris and Nathan O'Connor Flew Their Warbirds At Rice Lake



Nathan O'Connor holds his Dad's P-51 while Chris warmed up the engine. Nathan had his P-47 along, and they both took many flights throughout Saturday afternoon. (Photo by Jim Cook)

Pictures From The Wisconsin Fun Fly



Don Olson was the first into the air at the Friday float fly session at the Wisconsin Fun Fly. Conrad Naegele gives him moral support as Don relaxes on the sticks.



Steve Meyer takes a pass over the Rice Lake Model Airplane Club's runway at Hungry Hollow while Chris O'Connor admires Steve's flying skills. This was Steve and Chris' first trip to the WFF.



Don Olson's DJI Phantom 3 drone took some great aerial shots of the dock and lake shore at Jim's.



While the guys were down at the dock flying off of the lake at Siren, Mary Cook gave the ladies a tour of her gardens and her greenhouse, all of which were full of flowers and vegetables.



John Dietz loaded up his airplane into one of Jim Cook's three golf carts and headed down to the lake for the float fly.



Larry Couture, John Dietz and Conrad Naegele were decked out in their TCRC blue while relaxing under the canopy at Hungry Hollow.

Warbirds & Classics Alliance 2017 Campaign

by Scott Anderson

Several of us giant-scale warbird enthusiasts plan our summers around the schedule for the (6) events hosted by members of the Warbirds & Classics Alliance. These events are attended by some of the BEST builders and pilots in the country! It is great fun to participate with them and learn from these modelers!

The 2017 Calendar Included:

- **June 1-3 Warbirds & Classics Over Michigan**
Lansing, Michigan
- **June 22-24 Windy City Warbirds & Classics**
St. Charles, Illinois
- **July 13-15 Air Supremacy Over Goshen**
Goshen, Indiana
- **August 10-12 Northern Alliance Military Fly-IN**
Owatonna, Minnesota
- **August 17-19 Warbirds & Classics Over the Midwest**
Fond Du Lac, WI
- **Aug 31-Sep 2 Indiana Warbird Campaign**
Muncie, IN

This schedule can be demanding if you are not already retired and have a fleet of aircraft to tap into for the back-to-back events. The Alliance offers a "Warbird Warrior" themed T-shirt and awards pilots an iron-on applique for each event they attend. At the end of the season those "Warbird Warriors" who have attended 4 of 6, 5 of 6 and all of the events earn Bronze, Silver and Gold Warbird Warrior hat pins.



The picture at the bottom left from the Air Supremacy Over Goshen with the MASH-style sign post.

You can read more about the Alliance at <http://www.warbirdandclassics.com/>

For Sale

I just wanted to let my fellow club members be aware that I'm selling one of my NEW 3-Cylinder Radials Engines.



I am also selling my NEW IN THE BOX SPEKTRUM DX7 GEN2 7 channel transmitter with LiPo battery & 250 model memory!

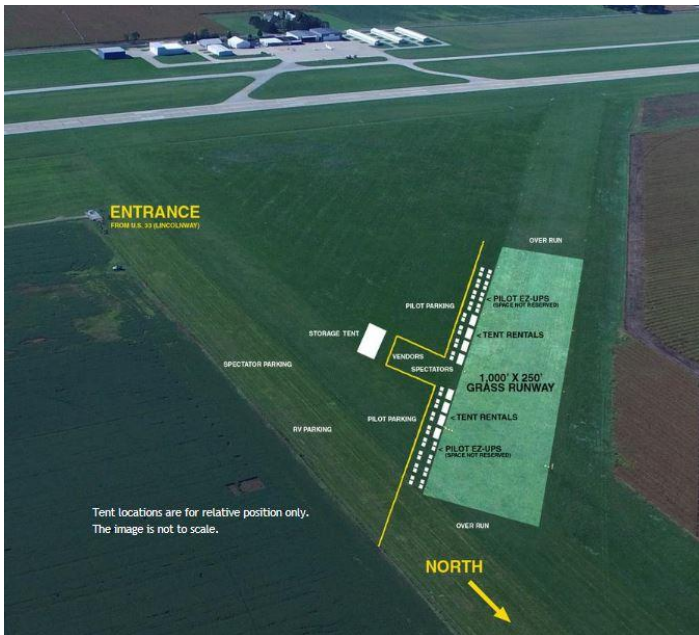


If you are interested in either item, give Scott Anderson a call at 952-240-8606. J

Air Supremacy Over Goshen July 13-15, 2017

by Scott Anderson

This was the 3rd event of the Warbirds and Classics Alliance 2017 calendar and it was being held in a new location! Previously the event was “Air Supremacy over Elkhart” for several years held at the Elkhart Municipal Airport. The change to the Goshen Municipal Airport (less than 20 miles away) gave attendees more flying time and more flexibility. The 1,800’ Runway 5/23 allowed us to fly continuously while the main runway was being used by corporate jets and a flight training school.



This was an 11-12 hour drive from Eden Prairie so it took a day to get there. We were offered space in the circus tents and I shared space with such notable flyers as Greg Hahn, Brian Burcar and Kirk Hall. We had over 140 pilots and nearly 300 giant-scale aircraft topped off with Greg Hahn’s Giant WWI giant-scale Italian Biplane Bomber with a 20-foot wingspan, and Carl Bachhuber’s Constellation.

I had arrived with my newly maiden Seagull Models (SIG) Westland Lysander powered by a Saito FG60-R3 radial engine. This plane flew so well that I flew it constantly Thursday morning before the winds picked up. Mike Cox got some wonderful images of

my Lizzie on Thursday and Friday. I flew it again Friday morning then made a rookie mistake and lost it and made a new divot in the runway.

We had a number of pilots from the Minnesota Scale Flyers attend as well. Kirk Hall had mentored 12 year old Trace who flew a Balsa USA Sopwith Pup constantly and had won the BUSA Dawn Patrol Award for Saturday morning’s dawn flights. Of all the pilots registered, Trace was one of 6 pilots 16 years old and younger. We did have a “Young Bucks” Flight where we had 3 12 year olds, (2) 14 year olds and (1) 16 year old pilots doing low passes with their giant scale spitfires, P51’s and P47’s. It was exciting to see!

With special thanks to Lee Watkins, Chuck Hamilton and all the support volunteers I plan to attend this event in 2018 again! It was well worth the drive!



Scott’s Westland Lysander



Greg Hahn’s WWI Italian Bipe

Northern Alliance Military Fly-In 2017

by Scott Anderson

NAMFI (or typically called 'Owatonna' by attendees) is our closest Giant-Scale Warbird event and is part of the Warbirds and Classics Alliance to promote the building and flying of radio controlled giant-scale warbirds and classic aircraft. A Classic Aircraft is typically defined as civilian aircraft design that is 50 years old or older. Warbirds can be of any era of manned military aircraft that meets the IMAA guidelines for giant-scale.

The event started early as 26 attendees arrived Tuesday from Oklahoma, Arkansas, and Texas to camp and fly with us! A large number were from the Three Rivers Airplane Model Pilots (TRAMPS) club from Oklahoma. They have the most beautiful A-1 Skyraiders I had ever seen! Howard's Skyraider is built up as an air ambulance and has custom built canopies that close before take-off and open after landing!

The flight line was well managed by Chris O'Connor, Steve Mayer and a team of volunteers including Nathan O'Connor, Bob Briesemeister and others. Scott Anderson provided the flight by flight color commentary while Steve and Carla Mills provided their professional photography services. Tim Johnson provided his Backyard Dogs food truck for breakfast, lunch and dinner.

There were over 100 pilots registered and nearly 250 airplanes to be flown. The weather Saturday was spectacular with nice temperatures, low winds and constant flying from dawn til after sunset!



Carl Bachhuber had many flights on his Lockheed Constellation as well as his Northrup RF-15 Reporter giant scale twin!

J



Balsa USA's Chad Asmus never stopped flying his 1/3rd Scale Piper TriPacer even after dark!



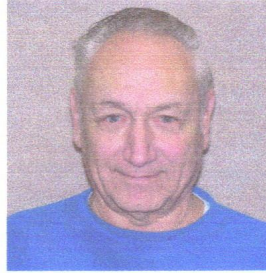
We had over a dozen turbine powered aircraft flying at Owatonna. This F16 was a huge hit as well as being a huge aircraft!



This electric version of a 1910 Curtiss flew very well! (Photos by Scott Anderson)

Safety At The Field

By Larry Couture



Well here it is the end of August, 2017 and the weather is great and the field is NOT FLOODED. It still is a little damp in the outlying areas but it is very flyable so let's see everyone out at the field flying and having fun. The flooding for last week was a hoax as it did not quite flood.

The RIM land has been mowed for this year and the field in general is in great condition. More gravel was put on the road but it needs a little more spreading. There is a new first aid kit at the field and the blood stop packs are under the pull-out tray. (Hope we never need them). If we are all careful and pay attention to one another that may never happen which will be great. I have not had any mishaps so as a control dummy I have nothing to report.

It's been noted that the proper way for turning on is the transmitter 1st and the receiver 2nd, and in any other configuration, or a long distance apart, can cause strange problems, so please be careful and do it in the proper order.

When you fly try to keep the rubber side down and any landing that you can fly the plane again is great but not always graceful. (Quit messing with the plane after approach is set up and just watch it land.) This is a quote from my teacher and sometimes I do it. (You may like if you try it. It does work.) J

Safety Always Comes First!

18304

If someone was 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

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.

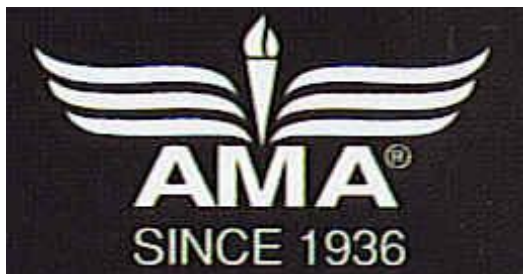
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Hawker Fury

by Conrad Naegele

The August Mystery Plane was the Hawker Fury.



In 1927 Air Ministry called for a new all-metal radial-engined fighter plane. Hawker came up with such a plane, but extensive testing revealed considerable shortcomings, and the plane, then called the Hart, failed to result in a contract.

Hawker then developed another similar fighter, as a private venture, but chose to use a liquid-cooled in-line engine, and scrapped the radial. It was considerably improved, made large use of flush riveting, fairly new at the time, but still used fabric in several places and fabric control surfaces. This plane was accepted for production. Renamed the Fury Mark 1, it was the first British fighter to achieve and maintain 200 mph! It featured spatted wheels, and was capable of using several different in-line engines.

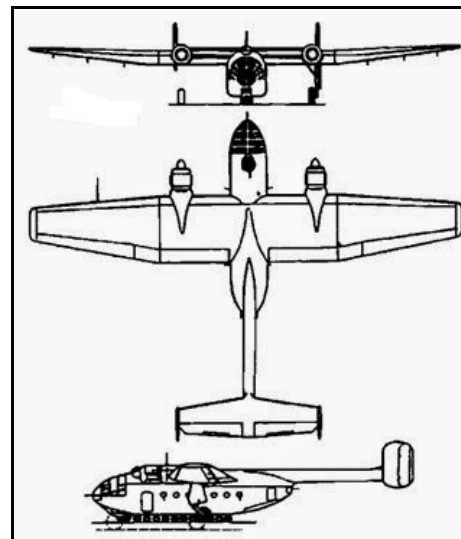
Standard armament was two machine guns, 303 rifle caliber, not much better than back in WWI! This plane was sold to a number of other countries. Production was purposely limited as the Brits were waiting for the new iconic Hawker 'Hurricane' which was just coming on line. Total production of the Fury is not known, but estimates are about 98. This plane was always considered to be one of the most 'elegant' of the then current fighter planes!

The final engine in the Fury was the Rolls-Royce Kestral 12-cylinder liquid-cooled, developing 640 horsepower. The wingspan was 30 feet, weight was 3,490 pounds and the top speed 200 mph. J

Calendar

- Sept. 9 Scale Saturday Fly-In
TCRC Model Air
Park, Jordan, 11 AM
Scott Anderson
952-240-8606
- Sept. 9 Swap Meet
Hobby Warehouse
8:00 AM to Noon
Richfield, MN
- Sept. 12 TCRC Meeting At
The Field
Dinner at 5:30
Meeting at 7:00
- Sept. 23 Fall Float Fly
Bush Lake Park
Bloomington, MN
Steve Meyer
- Oct. 7 Season Finale
TCRC Model
Air Park

September Mystery Plane



Model Aviation Day (MAD) Cancelled Because Of High Water

August was a very wet month with above average rain. Because of that rain, the Minnesota River was projected to peak at 21 feet on August 27th, the day after that scheduled for Model Aviation Day at the Jordan field.



**Water on the runway and shelter on Saturday, August 26.
(Photo by Ken Weddell)**

As it turns out, the River did not crest at 21 feet, but rather 19 feet, which is just one foot above the point at which we see water on the field. After reaching that level, the water immediately started to recede and president Bob Breisemesiter was able to declare the field open again on August 31st.

It is a shame that this mini-flood had to occur on the week when we had scheduled MAD. J

August Raffle Winner



Mark Hodroff accepts the Super Cub raffle prize from Brian Johnson. (Photo by Jim Cook)

At the third 'Meeting at the Field' held on August 8th Brian Johnson's number was pulled as the winner of the ARF Super Cub. The previous month Nathan O'Connor's number was pulled and he donated the Edge 540 back to the club. The next number pulled was Brian Johnson's. This month when Brian was the winner he asked Nathan if he wanted the Super Cub. As it turns out Nathan' and father Chris' friend and club member Mark Hodroff was given the model.

At the September 12th meeting, the raffle prize will be a surprise but of course a great airplane. Chances are only \$5/each and you may enter as many times as you wish. Come to the August 8th 'meeting at the field' and be the next winner of the TCRC raffle. J

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.




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