



April

Minneapolis, Minnesota U.S.A.

2013

TCRC Jordan Field Tentatively Looking Good For Spring Flying

by Corey Kaderlik and Jim Cook

As of the 1st of April, the National Weather Service showed the water level in the Minnesota River at Jordan to be at 12.5 feet. The good part is that the NWS predicted that the River level would stay between 12.5 feet and 13.4 feet all the way through April 9th!



The TCRC Field on March 28th. Today it looks a lot different with the snow all gone. (Photo by Corey Kaderlik)

The last week in March saw daytime temperatures in the high 40's all week and the snow started disappearing very quickly. All of the snow

shown in the picture to the left is gone. This melting occurred but still at a rate that the Minnesota River could absorb it without swelling to flood levels. At the TCRC field, the water starts to creep on to the runways at a level of 19 feet, so, as we cross our fingers, it is very hopeful that the River will stay below the Jordan flood level and allow the club full use of the runways all spring

With the thawing, the road down to the field is very soft, so please use caution when going down to the parking lot. We do not want to tear up the parking lot with the new gravel still AT THE TOP layer.

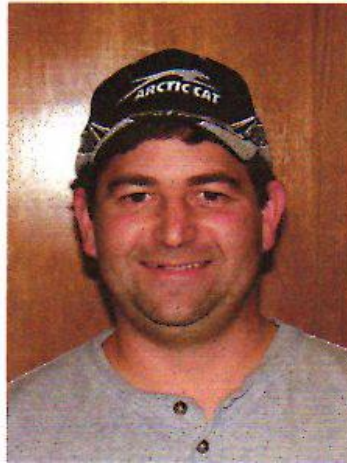
Concerning the brush piles, president Corey has purchased a burning permit for the four piles that need burning. We need and are looking for volunteers between April 2nd to 16th from 7am to 7pm to help with the burning to monitor the fires.

Please contact Corey if you are interested. Bring the hot dogs and planes and let's make a day of it. As we become certain of the date we will post information on the website, TCRCOnline.com and probably have an email mailing at the same time.

Let's hope that April does not bring any heavy rains to the west that will change the NWS's prediction of the water level in the Minnesota River.

From The Left Seat

By Corey Kaderlik



Hi everyone!

April is fast approaching. I hope you all are getting those winter projects finished up for the flying season. I have recently finished up my new Extra 330L 33% Hanger 9 with a DLE 111 in it. Now I am working on covering the fuselage on my Der Jager 1/3rd scale. Hopefully I will be able to paint and finish it yet this year. We will see what happens -- life always seems to throw a curve ball at me at the wrong time.

If you were not at the March meeting this last month you missed out on a opportunity to win a fifty dollar gift card to Hobby Warehouse. Anyone that attended that month's meeting put his name in the drawing to win. Winner was Sherwood Heggen.

Also anyone that worked at the TCRC Auction in February was also put into a separate drawing. Gift certificates consisted of four fifty dollar cards. The lucky winners were: Morgan Larson, Jim Ronhovde, John Hanna and Rick Smith. Congrats to the winners and again a very big thank you to all who worked the TCRC Auction.

Thank you everyone for all of your hard work and dedication to making this club a fun success.

Help Wanted

by Jim Ronhovde

Help is needed. Here is why:

The hot weather of 2012 made a believer of me and taught me some lessons. The steamy days of summer took a real toll on me as I serviced the Tractor/Mower last year. The numerous breakdowns of last summer caused too many hard labor hours where the cooling winds were absent and the hot sun was blazing in the sky. At times feeling flushed, sweaty, fatigued, and agitated I retreated to shade or the A/C of my pickup to recoup my energy for returning to the tasks at hand and I would reflect on circumstances. These were not good situations to put myself in.

At times there were helpers that gave a welcome assist with the work. A big thank you to those that gave a helping hand. Many times I worked with no one else at the field, feeling that operational equipment was needed to keep the field mowed for events or general flying. As winter wrapped itself around us, I realized I must be smarter in the future.

The scenarios above and frustration that so much time at the field did not provide me with the flying time I wanted, I have determined for this aging body, helpers are a must. Some of the work is easy when it goes well. When I am alone and the weather is oppressive and the chore is heavy, the work will have to wait until safer situations come. The grass can grow tall and I may get a plane in the air.

I am asking for a specific list of willing and available helpers. It would be greatly appreciated.

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7144 Chicago Ave S
Richfield, MN 55423
612-861-5587
MyHobbyWarehouse.com

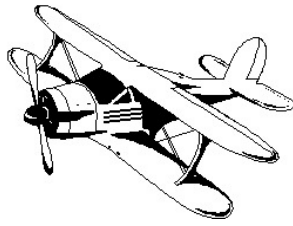
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Stop In Today To Find Out 'The TCRC Special Of The Month'

Show & Tell



Lots of new airplanes at the March meeting.

of 39-inches and weighed in at 25.4 ounces. For power it had a Parkzone 480 outrunner with a 1,300 mah lipo battery. As of the meeting it had not had its maiden flight.



Wayne Rademacher had a very neat looking Autogyro from Hobby King. The aircraft came complete with battery and receiver for \$75. Wayne has flown it ten times and says it is a fantastic flyer as long as he doesn't run out of power, which did result in a crash once, but was quickly repaired.



Tim Wirtz had a nifty little Zero put together from a Guillow's kit. It had a 27-inch wingspan and weighed in at 9.8 ounces. It was powered by a Cox .049 and had a small lipo battery. It was done in silver with red meatballs. As of the meeting it had not had its maiden flight but Tim thought it would be soon.



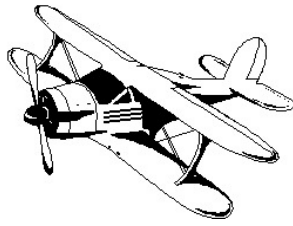
Terry Spletstoeszer had an Easy Sky Drifter which is an ARF hand glider. It had white wings and tailfeathers and a stick fuse. Terry said it was a relaxing flyer and it could fly for over 30 minutes on only a 1,000 mah 2 cell battery.



Mark Wolf had an F4F Wildcat from a Parkzone ARF kit. It was done with yellow wings with silver fuse and bright green tailfeathers. It had a wingspan

Continued On Page 4, Column 1

Show & Tell



Continued From Page 3

Joe Neidermayr had a great looking T-28 which was put together from an FMS ARF kit. It had a 55-inch wingspan and weighed in at 6.5 pounds. It was done in yellow with black trim from spray paint cans. The motor was a 4250 electric and was powered by a 3,600 mah lipo. He had already put in the maiden flight and said it was an easy flyer.



Corey Kaderlik had his 'first giant anything' at the meeting. This was a beautiful Hanger 9 330L Extra that he got at the auction for a price he just couldn't ignore. It had a 97-inch wingspan and was done in white, blue, red and purple colors. He had added a DLE 111 for power and it swung a 27x10 prop. This 33%-scale ARF was ready to go and he would be doing the maiden flight as soon as he could.

Sherwood Heggen had another 'plane from the past', this time it was a Minnie Mambo which was modeled in the 50's. Sherwood built it from scratch with plans he found on the internet. He built his first Mambo when he was 17 and said he wanted to try again to fly a 'rudder-only' airplane. He put a Tower Pro brushless electric motor in the plane with a 2,200 mah lipo and was looking forward to some nice easy flights on the 36-inch wingspan plane. J



CONTROL FREAKS RC

2365 W. Wayzata Blvd. Long Lake 55356
952-473-0271 www.ControlFreaksRC.com

Spring Swap Meet

Saturday April 20th

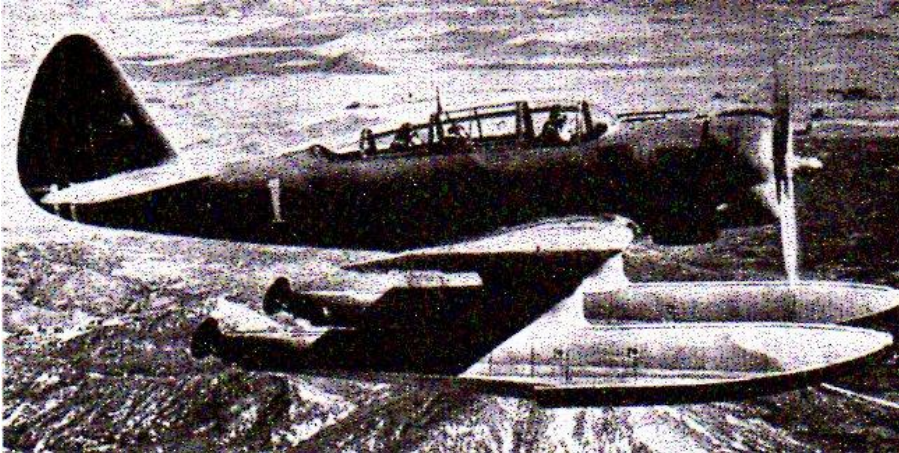
Bring anything RC that you want to sell, barter or trade.

At Control Freaks RC Hobby Store

Northrop N-3PB

by Conrad Naegele

The March Mystery Plane was the Northrop N-3PB.



Northrop Aircraft, long established, was absorbed by Douglas Aircraft in 1940. The 3PB was designed in 1939, and was the first plane under Douglas. In 1940, a Norwegian firm ordered 24 3PB planes. This was a 3-seat float plane, all-metal. It featured an oval semi-monocoque fuselage, flush riveted, the wings were also metal flush riveted, and had Edo single-step floats. Floats were attached with cantilevered pedestals.

The plane was powered by a Wright R-1820 engine, previously used extensively in Douglas dive bombers, and Curtiss Hawk 75's. Also provided were 4 machine guns, and a 2,000 pound bomb or a standard Navy torpedo. Test flights had been completed and all 24 planes were delivered by April 1941 when Germany took over Norway. The planes were sent to Iceland, to be used for convoy escort duty, and submarine patrol. It was soon apparent that the planes were not suitable for these tasks, and were replaced by the PBY-5 Catalina Flying Boats. The Northrop 3PB planes were then relegated to a training role.

The plane was completely satisfactory, was easy to fly, was fairly heavily armed, with a good range. It was just not up to rapidly changing military requirements.

The 3PB had a wingspan of 49 feet, a gross weight of 10,600 pounds and a maximum speed of 257 mph. The Wright Gr-engines were 9-cylinder radials and developed 1,100 horsepower. J

TCRCOnline.com

A Great Website!

Spring Float Fly May 18th

Warm weather means the Spring float Fly can't be too far away! However, it is still hard to imagine when Bush Lake and all of the other lakes in the area still are covered with ice. The cold month of March delayed the opening of Minnesota lakes but with the weather that is forecast for April, it won't be long before you are thinking about putting some floats on a plane or two.

The TCRC Spring Float Fly is held at Bush Lake Park in Bloomington every May and this event attracts a lot of pilots from TCRC and clubs from the surrounding areas to come out and enjoy a great day of float flying.

Bush Lake Park is an ideal venue for float flying. The park has a sand point that juts out into the lake and allows pilots to fly no matter what the direction the wind is from.

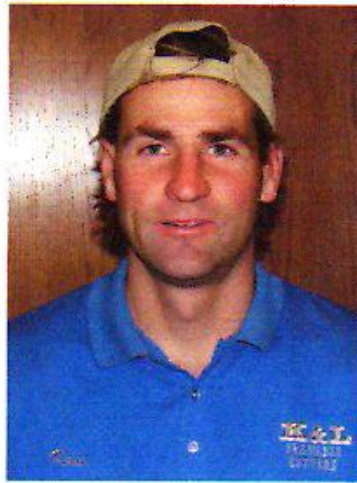
The Spring Float Fly also attracts a lot of spectators that come down to watch the airplanes and to enjoy a warm spring day by the lake.

Plan on being part of the Spring Float Fly on May 18th. J



Veep's Corner

By Kris Hanson



April already! That means we are going to be able to start flying with wheels outside instead of skis.

I would like to thank John Kessler of Control Freaks Hobby Shop in Long Lake. He was at the meeting on March 12th to tell the membership about Control Freaks Hobby Shop -- an event-based hobby store. He said they sell R/C hobby equipment including cars and trucks, but they really are for flyers. The shop's goal is to set up opportunities to fly, to go to parades, festivals, and to attract new people to the hobby.



John Kessler of Control Freaks Hobby expounds on the concept of being an 'event-based hobby store. (Photo by Jim Cook)

One of the neat parts of the store is their 'You Break It, We Fix It' program for R/C airplanes. If you purchase your plane through them and crash it, well they turn around and fix it. I have even helped on that program. John said they have repaired one plane at least three times!

Thanks to John for coming to the membership meeting and sharing what Control Freaks Hobby Shop is all about.

We have tentatively scheduled two 'competitive fun flies' for this summer. The dates are on Saturday, June 22 and August 31. No rain dates scheduled, but I have some inside information that the weather will be great.

The events will be competitive fun flies. The number of events will be determined by how many participants we have. The more people need more time and we will schedule fewer events. There will be no early notification of what the events will be, each will be drawn out of a hat on the day of the fun fly. There will be no practicing or prep for the fun fly. Plan on bringing a plane or two or three and having some fun. Trophies and prizes will be given to the top three point finishers after all of the events. Registration will be at 9:00 AM and flying starts at 10:00. Mark your calendars.

Other dates to keep in mind:

- Fridays is for dome flying at the Golf Dome in Long Lake, 9:00 PM to midnight every Friday.
- Control Freaks Swap Meet on April 20 in Long Lake.
- Hanson Family Fun Fly May 24 thru May 27, at my home in Mayer. See the separate article on page 9 of this newsletter.

Spring is here! Grab a kid and go flying! J



Academy of Model Aeronautics Expresses Concern Over "Drone" Incident at JFK

A New Challenge Faces Model Aviation

Anyone who has been following the FAA's effort to regulate the operation of small unmanned systems (sUAS) will know that this effort has revolved around safety in the national airspace (NAS). AMA has worked with the FAA, and played a significant role in this effort since the creation of the FAA's sUAS Aviation Rulemaking Committee in early 2008.

AMA guidelines for recreational model aviation will do much to ensure that aeromodeling activities meet the high level of safety that the FAA is looking for.

Today new challenges now face recreational model aviation. Fueled in part by the media, Congress, state legislatures, and even the general public have turned their focus toward civil liberties and privacy issues relating to the use of domestic unmanned aircraft systems (UAS) in the US.

Most of the recent debate has centered on the public's reasonable expectation of privacy and the use of UAS to infringe on that expectation. Much of this is a philosophical discussion.

I don't think the paparazzi are going to be using UAS to snap a picture of me anytime soon, and, if some law enforcement agency is using a UAS to keep tabs on me, then I suppose I should ask myself what I'm doing that would make them want to do that. But I can also understand one's opinion that using this type of surveillance technology may cross the line of being reasonable. And, yes, I probably would take exception to someone flying a UAS, popping into my yard, and looking in my kitchen window.

It's important, however, that we don't lose sight of the fact that this technology can be incredibly useful and valuable. Farmers monitoring crops, power companies inspecting power lines, and firefighters monitoring wildfires are examples of how UAS can be used as an effective means of managing tasks.

In the last few months, many states have begun to consider state-level legislation that would regulate the use of UAS. While likely well-intentioned, some of the language in these proposed bills is so poorly written that, if passed, they would have a negative impact on recreational model aviation and the other activities I've mentioned.

The real core of the issue, and the threat to us as recreational model aviation enthusiasts, is public perception. The public looks at an airframe and doesn't see or understand the difference between a model airplane and a commercial, public-use UAS. And most elected representatives are simply doing their job by reacting to the concerns of their constituents.

Just a little over a month ago there was only one state considering some form of regulation pertaining to the use of UAS in its state. A few short weeks later there were 15 states considering legislation.

AMA's job in advocating for its members is to reach out to the sponsors of these proposed bills and help them understand that there are significant

differences between what we do as recreational users and the types of UAS that could potentially invade someone's privacy. I think we have an obligation to point out all of the good that can come from advancements in this technology. During the last several years, a number of colleges and universities have developed UAS programs as part of their curriculums. Many students taking part in these programs will be part of this country's next generation of aviation and aerospace engineers.

Our federal and state representatives need to be careful not to stifle the advancement of these programs or the use of the technology for any number of good things including recreation. Representatives need to carefully draft their proposed legislation. They need to reach out to both the recreational and commercial public-use communities — the recognized experts — and ask for our help in drafting language that only affects the concern that is their focus.

Doing otherwise only runs the risk of handicapping those who need the technology to enhance their ability to do their job, taking the enjoyment of flying a model aircraft out of the hands of recreational users and, deterring innovation and creativity in our young people.

Dave Mathewson
AMA Executive Director

To support the AMA's government relations advocacy efforts consider making a donation to the AMA Government Relations Fund. Donations made toward this effort help AMA's Advocacy Team with its work on Capitol Hill and go directly to supporting the costs associated with efforts made on behalf of the entire aeromodeling community. To learn more visit <http://www.modelaircraft.org/supportama/supportama.aspx>.



TCRC 2013 Mowing Schedule

May	1-4	Corey Kaderlik	Runway edges and South section
	5-11	Ken Corrin	Runway edges and North section
	12-18	Jim Lundquist	Runway edges and South section
	19-25	Wayne Rademacher	Runway edges and North section
	26-31		Runway edges and South section
June	2-8	Ken Corrin	Runway edges and North section
	9-15	Curtis Beaumont	Runway edges and South section
	16-22	Jim Lundquist	Runway edges and North section
	23-29	Steve Meyer	Runway edges and South section
July	1-6	John Dietz	Runway edges and North section
	7-13	Steve Meyer	Runway edges and South section
	14-20	Ken Corrin	Runway edges and North section
	21-27		Runway edges and South section
August	28-3		Runway edges and North section
	4-10	Doug Elyea	Runway edges and South section
	11-17	Ken Corrin	Runway edges and North section
	18-24		Runway edges and South section
	25-31		Runway edges and North section
	1-20	J. Ronhovde and D. Olberg	RIM Land, North, West & East sections
September	1-7	Darryl Volk	Runway edges and South section
	8-14	Ken Corrin	Runway edges and North section
	15-21	Gerry Dunne	Runway edges and South section
	22-28	Jim Lundquist	Runway edges and North section
October	29-5	Corey Kaderlik	Runway edges and South section

The blank spaces still need to have volunteers sign up for those five weeks.

Hanson Family Fun Fly

by Kris Hanson

With the advent of spring, Memorial Day weekend can't be far behind!

So with that in mind, I want to talk about a fun family event that I am putting on. For Memorial weekend, May 2th thru 27th. This is a camp fly all weekend day and night, which will include day flying and night flying. The reason I say family event is that there is something to do at the Hanson Fun Farm for absolutely everybody regardless of age, size, sex or whatever.

Location is north of Mayer, just 45 minutes west of the Cities. To get directions call Kris.

Let me give you a list of fun: flying, R/C cars and trucks (on a really neat track), playground, two big trampolines, pony rides, lots of kittens and one very nice dog. So leave your pet at home! This is a rain or shine event because there is a large in-ground enclosed swimming and play area, that has a pool, hottub sauna and large game room free of the effects of weather. There is plenty of room for parking so bring the camper or tent or pop-up or whatever you are going to sleep in.

What you need to bring: airplanes, camping materials, swimsuits, clothing, food, beverages and a desire to have a great time.

Start time is anytime you want to arrive on Friday, May 24th, and leave anytime up to and including Memorial day. The Hanson family has nothing planned but to make this an enjoyable event for all that come to participate.

To sign up, call Kris at 612-702-3609. J

Bernie Gaub Maintains TCRC Roster

*(Editor's Note: This article ran in the March issue of the **Flare Out** but is running again so more members can get their pictures taken.)*

The editor apologizes to Bernie Gaub for not recognizing his efforts in keeping the TCRC Roster updated. In the February newsletter I inadvertently credited another member for Bernie's efforts.

The TCRC Roster is an important tool for every club member. It not only lists all of the members of the club, but it has the club field rules, AMA Safety Rules, maps of the Jordan Field and the alternate flying site at the Scott County Fairgrounds, etc.

Bernie would love to see pictures of every member in the TCRC Roster, which can be found on the club website, TCRCOnline.com in the 'members only' section. If you do not know how to access the 'members only' section, ask any officer at the next

meeting. There are several members that do not have their photo in the Roster. As of March 1 these members need a picture:

- Roy Aretz
 - Daniel Armstrong
 - Marvin Boote
 - Brian Brastad
 - Mike Cochrane
 - Dick Erlandson
 - Lea Foli
 - William Hunchis
 - Kevin Kavaney
 - Tom McMahan
 - Bill Neneely
 - Sam Rosenberg
-
- Mateo Rossini
 - Vito Rossini
 - Brian Sulheim
 - Chad Sulheim
 - Nucholas Sulheim
 - Stan Von Drasek
 - John Withrow

If you would like your picture in the roster you can stop at the next meeting and ask Jim Cook to take a picture, or if you have a special one you would like in the roster you can send it or email it to Bernie. Bernie's email address is wb0nga@arrl.net and his home address is:

11037 Stanley Curve
Bloomington, MN 55437

Also, if you have a picture in the roster you are not really happy about you are not stuck with it forever. Just see Jim or Bernie and they will get it corrected very quickly. J

Calendar

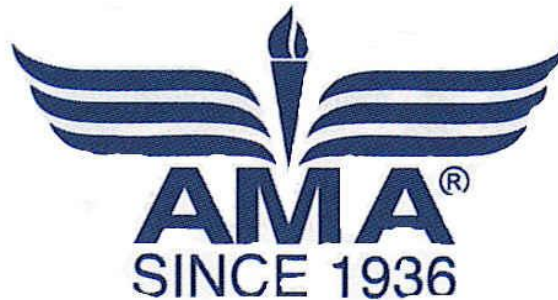
AMA National Model Aviation Day August 17, 2013

- Every Friday Dome Flying
Golf Dome
Long Lake
9:00 PM to Midnight
- Apr. 5,6,7 Toledo R/C Expo
Toledo, Ohio
- Apr. 6 April Fool Fun Fly
Jordan Field
10-10-10 Rule
- Apr. 9 2nd Qtr. Board
Meeting, 6:00 PM
CrossPoint Church
- Apr. 9 Membership
Meeting, 7:00 PM
CrossPoint Church
Bloomington
- Apr. 20 Control Freaks
Hobby Shop
Swap Meet
Long Lake
- May 11 Jordan Field
Clean Up And Fly In
- May 18 TCRC Spring
Float Fly
Bush Lake Park
Bloomington

To celebrate the storied history of model aviation, AMA chartered clubs are encouraged to take part in the first annual National Model Aviation Day on August 17, 2013. Clubs across the country are invited to host an event of their choice to celebrate the day. Clubs are encouraged to reach out and make this a community event. National Model Aviation Day will be a great opportunity to introduce model aviation to your friends and families. And, for this inaugural year, we're asking that clubs who host an event do so in support of the [Wounded Warrior Project](#).

Wounded Warrior's mission is to raise awareness and enlist the public's aid for the needs of injured members of the US Military and to provide programs and services to help support our country's injured heroes. Hosting an event on National Model Aviation Day is a win/win for AMA clubs, its members, and all of those courageous service men and women who have given so much to protect the freedoms we all enjoy.

Please stay tuned as details will soon be released on the AMA website, in *Model Aviation* magazine, and in future issues of AMA Today. Q



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New Members

TCRC gained three new members in the month of March.



Jack Stewart lives with his wife Vicki at 9416 Portland Avenue S in Bloomington, 55420. Their phone number is 612-636-8851 and his email address is jstewz8@live.com. Jack is currently flying an Alpha Trainer 40.



Doug Elyea lives at 1039 Sunny Ridge Drive in Carver, 55315. His phone number is 612-508-5411 and his email address is elyea2@aol.com. He is currently flying an Ultrasport 60, and a Polestar.

Randy Pramann lives at 1630 Roundhouse Circle in Shakopee 55379. He phone number is 952-496-1448 and his email address is randy1448@msn.com.

When you see Jack, Doug and Randy at a meeting or the field be sure and introduce yourself and welcome them to TCRC. 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.

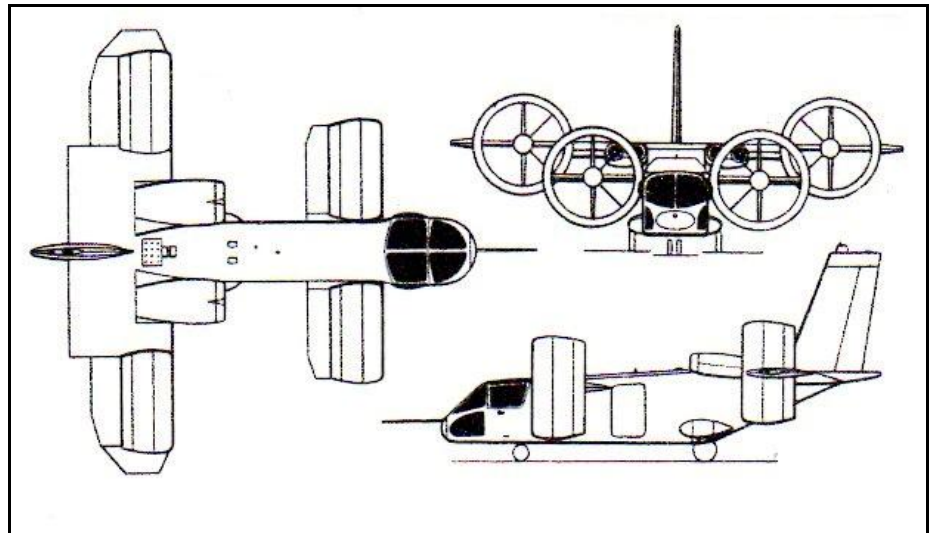
Pylon Racing Coming Soon

Spring has arrived and the field is starting to look pretty good. Soon the air in the TCRC Model Aviation Park should be full of planes of all kinds, from giant-scale to tiny electrics.

One of the neatest events that is performed on Sunday afternoons in the summer is the T-28 Pylon Racing League. Chair Paul Doyle has seen this event grow each year and 2013 promises to be even bigger still.

It is anticipated that Paul will have an article in the May newsletter detailing the rules and the projected race schedule. This is both a great event to be a pilot in and to be a spectator at. Think about joining the T-28 Pylon League this year. J

April Mystery Plane



Editor, Jim Cook
@ Flare Out Publisher
1177 Polk Street
Shakopee, Minnesota 55379

The Meeting After The Meeting



Every Tuesday after president Corey ends the regular TCRC membership meeting, a large number of club members head for Baker's Square in Bloomington to have some coffee and pie and continue to talk about this great hobby. Join the group after the April meeting! 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.

2013 Officers

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