



August

Minneapolis, Minnesota U.S.A.

2010

## TCRC Has Great Showing At The Wings Of The North Expo

For several years now, TCRC has had a display booth at the Wings Of The North Aviation Expo at Flying Cloud Airport in Eden Prairie. This tradition was continued in 2010 thanks to the organizational efforts of Scott Anderson.



**Chris O'Connor and Steve Meyer enjoy the view at WOTN as a full-size Sea Fury taxis by. (Photo by Scott Anderson)**

Several TCRC members had signed up to help at this event, and being a volunteer brought some great privileges – free admission to the Expo and being able to see some great planes of the past on the ground and in the air.

Scott had the crew set up for the weekend event on Friday evening, and TCRC had a very nice booth with lots of planes for display. He had even printed out nice display tags so that the public would learn a lot about each of the models in the booth.

The TCRC crew at the Expo included: John Rosenberg, Sam Rosenberg, Tim Len, Chris O'Connor, Joe Neidermayr, Gerry Dunne, Gerry Dunne Jr., Kiera Dunne, Steve Meyer, Scott Anderson and Larry Couture.

The Wings of the North Expo was well-attended again this year, and there were lots of neat full-size aircraft to see and to hear as they fired up for their flights.

The spectators were not only interested in the big birds however. The TCRC booth drew many, many inquisitive people that wanted to know all about the models, about the R/C hobby, and if the planes on display could really fly. The display probably had 20 to 25 great looking aircraft on exhibit, and the guys in the booth enjoyed lots of conversations with the spectators. There was considerable interest in the club itself, and if past history is an indicator, we will probably get a new member of two into TCRC because of the booth.

Thanks to all of the guys who put in the time to man the TCRC booth, and a really big thanks to Scott Anderson for all of his time in effort in putting together another great showing at the Wings of the North Aviation Expo. ☺

# Ramblin's From The Left Seat

by President Steve Meyer



Well guys it's time to put away your yellow rubber duckies. The water is off the field (again). Today the water level is sitting at 16 feet and dropping so keep your fingers crossed that we don't get any more rain. I want to give a big THANK YOU to all the guys who cleaned up the field after this second flooding.

If you didn't make it to the July 13th club meeting you really missed out on a lot of great airplanes for Show and Tell.

Scott Anderson did a fantastic job of coordinating the static display at Wings of the North Air Expo at Flying Cloud Airport on July 17-18. This is a great event to meet people interested in aircraft and airplane history. Our display was well received by the spectators who attended the event. Our models generated a lot of interest in the hobby of R/C flying. They asked many questions: like if the planes really fly, how much they cost, how far away they can fly, etc. I think we generated considerable interest in the hobby and maybe some new members for the club.

At the last meeting on July 13<sup>th</sup> Chris O'Connor and I decided to cancel the Big Bird Fly-In because it didn't look like the water would be off the field by the day of the event. However, by July 15<sup>th</sup> the water level had dropped significantly to a point that the water was off the runways and we decided the Big Bird Fly-in could be held as scheduled on July 25<sup>th</sup>. The field was drying out nicely but on the Friday night before the event a storm dropped over an inch of rain on the field. Saturday's weather was great but the field was a soggy mess....This is how contest directors get ulcers. I want to thank Mike Timmerman, Pat Dziuk and crew for the great job they did sweeping the water off the runways and pit area. They also helped get some stuck spectator cars out of the mud. Spectator and pilot cars filled both parking areas so we had a full house. Tim Wirtz and Corey Kaderlik ran the concession stand that fed all the people. Chris and I want to thank all the pilots that flew at the Big Bird event because without them there wouldn't be an event.

In August I will be traveling to other Fly-in events in the area. The first is 2010 Northern Alliance Military Fly-In on August 13-15<sup>th</sup> in Owatonna, Minnesota. ([www.smmac.com/NAMFI](http://www.smmac.com/NAMFI)). The next week

(August 18-21<sup>st</sup>) we go to Fond du Lac, WI to take part in Warbirds and Classics Over The Midwest ([www.midwestwabirds.com](http://www.midwestwabirds.com))

August 28<sup>th</sup> Is Model Aviation Day 2010 at TCRC field. I hope to see YOU at some of these events this summer or out at the field. ☺

## Calendar

- |                   |   |
|-------------------|---|
| <b>Aug. 4</b>     | <b>Jim Miller Day</b><br>1:00 PM Jordan Field<br>CD Chris O'Connor  |
| <b>Aug. 6-8</b>   | <b>Wisconsin Fun Fly</b>  |
| <b>Aug. 6</b>     | Float Flying 11:00 AM<br><b>Jim Cook's Cabin</b><br><b>Siren, Wisconsin</b>   |
| <b>Aug. 7,8</b>   | <b>Fun Fly</b><br><b>Bill Sachs' Field</b><br><b>Birchwood, Wisconsin</b>   |
| <b>Aug. 10</b>    | <b>TCRC Membership Meeting, 7:00 PM</b><br><b>Fellowship Hall</b><br><b>CrossPoint Church</b><br><b>Bloomington</b>   |
| <b>Aug. 13-15</b> | <b>Northern Alliance Fly-In, Owatonna</b>   |
| <b>Aug. 22</b>    | <b>Micro Pylon Racing</b><br><b>Jordan Field</b><br><b>Noon Practice</b><br><b>1:00 PM Start</b><br><b>Paul Doyle</b> |
| <b>Aug. 28</b>    | <b>Model Aviation Day</b><br><b>Jordan Field</b>  |
| <b>Sept. 18</b>   | <b>Fall Float Fly</b><br><b>Bush Lake Park</b><br><b>Bloomington</b><br><b>CD David Erickson</b>                      |



# Pictures From Wings of The North Aviation Expo



Joe Neidermayr explains about an R/C transmitter as a P-51 taxis behind him.



A full-size Japanese Zero takes to the air as another warbird waits on the taxiway.



Chris O, Gerry and Gerry D and Tim L enjoy the shade of the TCRC booth at WOTN Expo.



The beautiful B-17 was a favorite of all at the Expo, both in the air and on the ground.



TCRC president Steve answers a few questions.



Guys and gals, young and old, like airplanes.

## Off-Again On-Again Big Bird Fly-In Held At Jordan On July 25<sup>th</sup>

CD's Chris O'Connor and Steve Meyer were looking forward to hosting this year's Big Bird Fly-In on Sunday July 25<sup>th</sup> at the Jordan Field. That is, however, until the Minnesota River crept back on the runways. It appeared that the river was not going to leave in a timely manner and so Chris and Steve decided to cancel the event for this year. No sooner did they do that and the river receded and Jordan was quickly restored to good condition. The Big Bird Fly-In was on again!



Dave Wilmott does some final prep before putting his 50% Pitts M12 into the air at TCRC's Big Bird Fly-In. (Photo by Steve Meyer)



Corey Kaderlik and Tim Wirtz had the concession stand under control at the Big Bird. (Photo by Steve Meyer)

So much for the elation of having the event back. Friday night another storm came through the area and the field got a large amount of rain in a short amount of time. Saturday morning found the field soggy and the parking lot pretty muddy. But the club was committed and so were the pilots and so this year's edition of the Big Bird was held.

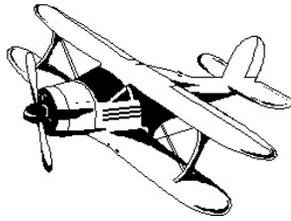
Several TCRC'ers rolled up their sleeves and got the water off of the runways and out of the pits and the field was flyable. Tim Wirtz and Corey Kaderlik set up and manned the concession stand and everyone was ready for the planes and the pilots.

There were lots of great looking planes to be seen: Bob Glass had his 1/3<sup>rd</sup>-scale Super Cub; Steve Meyer, 1/4-scale Super Cub and Fokker DR1; Jeff Quesenberry, 1/4-scale Lavachin LA-7; George Toon, Top Flite B-25; Chris O'Connor, Top Flite P-51D; Mike Timmerman, Bridi Big Bee; Sherwood Heggen, CAP 231EX; Brian Crossley, Jamaican Fighter; Dave Willmott, 50% Pitts M12; Terry Foster, 35% Extra 300; Mike Robin, 40% Aerobat; Danny Collier, Slick; Mark Souers, T-34 Mentor; Roy Maynard, ME-163 Komet; David Andersen, Focke Wulf TA 152H; and Scott Anderson, Byron F4U-1 Corsair.

The day was great for flying with lots of sunshine, and the beautiful aircraft filled the skies over the Jordan runways.

Thanks to all of the TCRC members who came out and pitched in to make this event a soggy success. Special thanks to Chris and Steve for all of their efforts. **J**

## Show & Tell



by Steve Meyer with photos by Scott Anderson

More neat planes showed up in July at the TCRC regular meeting.



Gerry Dunne had a CT-114 foam profile electric at the meeting. It was white with red trim. It was a ducted fan and used a 2,200 mah 3-cell lipo for power. Gerry said he got 4-minute flights on the set-up and that it was a pretty slow flyer for a jet.



Todd Tibbs and Tim Wirtz had a Postal Plane at the meeting. This is a project that comes apart so it can be mailed to other clubs. It is 1/2 -A size with

solid balsa wings. It is covered with SolarTex and costs \$12 to mail. For more info go to <http://www.graceusa.info>.



Mike Burk had his latest rendition of his FPV camera plane. This is a first-person-view plane that has a camera in the front and transmits the aerial view back to the pilot who is wearing special goggles to display the images.

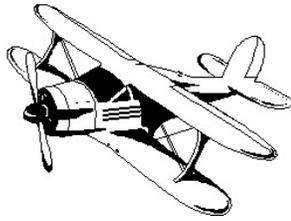


Tim Len had a nice looking E-Flite Beech V-tail that had electric retracts and was powered by an E-Flite 25 motor. It weighed in at 4 pounds and had seven servos on board.

Curtis Beaumont had a Sea Raider 2000 electric boat that is capable of 30 mph across the water. The motor was water cooled and powered by a 3-cell lipo battery. (The editor did not receive a picture of this craft.

**Continued On Page 6, Column 1**

# Show & Tell



Continued From Page 5

magnificent plane was powered by an RCGF 26cc gas engine that swung a 17x8 prop. The plane was a Cox ARF and contained Serria retracts and a complete cockpit. The wingspan was 80 inches. ☺



Sherwood Heggen had his latest shop project, a very beautiful Sig Cap 231X done in Breitling colors – yellow with black trim. The plane had a 72-inch wingspan and was powered by a Saito 1.8 4-stroke engine that swung a 16x8 prop. The plane weighed in at 13.5 pounds.



President Steve Meyer had his latest warbird at the meeting. This was a T-28 done in Navy white with red trim on the nose, wingtips and vertical stab. This

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**First Person View (FPV) Operations**

1. An FPV-equipped model must be flown by two AMA members utilizing a buddy-box system. The pilot in command must be on the primary transmitter, maintain visual contact, and be prepared to assume control in the event of a problem.
2. The operational range of the model is limited to the pilot in command's visual line of sight as defined in the Official AMA National Model Aircraft Safety Code (see Radio Control, item 9).
3. The flight path of model operations shall be limited to the designated flying site and approved overfly area.
4. The model weight and speed shall be limited to a maximum of 10 pounds and 60 miles per hour.

## MAD 2010

### Jordan Field August 28<sup>th</sup>

**Plan on bringing a plane to display, to helping out in anyway you can, and having a great day at the TCRC Airpark!**

# Micro Pylon Racing

The start of the 2010 season for Micro Pylon Racing is still waiting for the starting gun.

Chair for the pylon racing group Paul Doyle said the event has been hampered with high winds, high water, and this month high vacation rate! Most of the participating pilots were on vacation or otherwise not available for the July fly date.

Undaunted, Paul says the scheduled date of Sunday, August 22<sup>nd</sup> will be the kick-off for the league. He reminds all pilots to get those planes tuned up and ready to go. The season's start may be late, but it isn't going to be slow!

Come out to the Jordan field on Sunday, July 22<sup>nd</sup> at noon to watch these fearless flyers in action. ☺

**Be A Micro Pylon Racer In 2010**



## MAD 2010 MODEL AVIATION DAY

**Saturday August 28<sup>th</sup> 2010**  
**11:00AM-3:00PM**

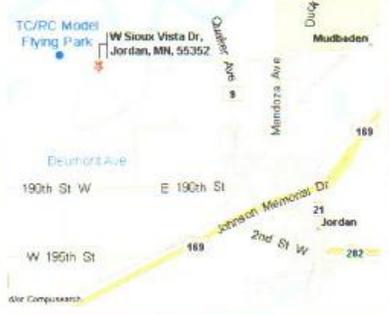
**TCRC**  
**Model Air Park**  
 18266 W. Sioux Vista  
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**Food & Soft Drinks Available**



**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!

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

**Contact:**  
 Scott Anderson 952-240-8606  
[MAD@tcrconline.com](mailto:MAD@tcrconline.com)

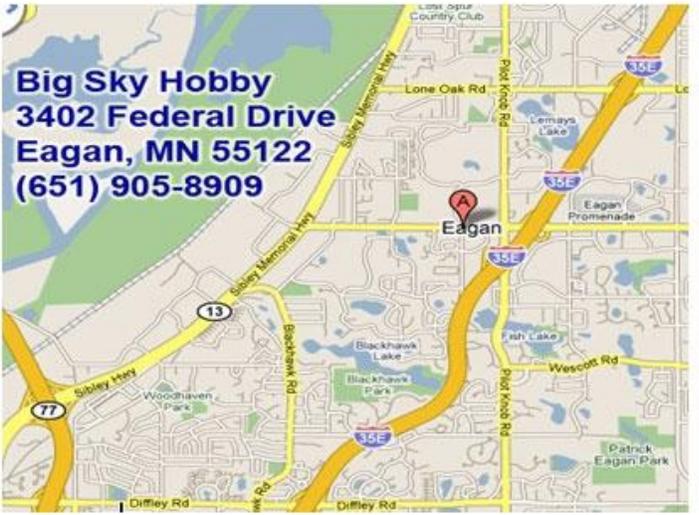


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# The Co-Pilot's Report

by VP Wayne Rademacher



June and July were interesting months at the Rademacher household. To start the story you need to know my workplace offers sabbaticals to those with enough time in service. Well it turns out that I had the proper time in service and was granted the month of June away from work. Yahoo, a whole month and no work.....what could be better.

My plan was to spend the first two weeks catching up on some delinquent home projects, and the second two weeks were to be spent with my sons...two of whom, live away from home. The first two weeks went as planned; many lingering projects were scratched off the list. With all the work behind me, it was now time to jump into the fun part of my sabbatical. After some quick packing I was ready to head out of town in the morning.

As you know, things do not always go as planned. That evening my wife and I took a little time to relax around the bonfire. After making a couple of trips to the kitchen for snacks and refreshments my wife headed to bed. I decided to enjoy the remaining flames of the fire before retiring for the evening. To truly enjoy the moment, I made one final trip to the refrigerator. Not sure exactly what happened on the return trip, but know it only took a split second for me to get to the bottom of the stairs. Although less than excited with this turn of events, my wife hauled me to the hospital to get patched up. Turns out I broke my lower leg in two spots and that it required surgery to make it right.....so much for the remainder of my sabbatical. Here it is 6 weeks later, I am back at work and things are returning to normal. Doc says I should be back on both feet by the end of August.

Sorry for the long story.....but telling you that I simply tumbled down the steps would not have sounded nearly as dramatic.

Remember, there are some fun events this month;

- August 13 -15<sup>th</sup> Northern Alliance Military Fly-in @ Owatonna Minnesota
- August 28<sup>th</sup> Model Aviation Day (MAD) @ TCRC field, Jordan Minnesota

Although I have missed the last meetings, programs do continue to occur with the aid of the other officers while I have been laid up. Thanks for the help guys.

The July program was Sherwood Heggen discussing the scale construction of his CAP 231. This is one great looking plane and Sherwood did a good job on the presentation.



**Sherwood Heggen presents the program in July.  
(Photo by Scott Anderson)**

I do not know what the August program will be as yet, but hopefully it will be something very interesting. Let's see a good turnout.

That's it for this month, see you at the meeting. ☺

## MAD 2010

Our premier public relations event is the TCRC Model Aviation Day. This year it is Saturday, August 28<sup>th</sup>.

We will be having static displays, flying demos, flight simulators, stick training via buddy box, concessions, and general Q&A with the many friends and neighbors who come to learn about us and our hobby.

We need your expertise, your planes and your help. J

# Wisconsin Fun Fly

by Bill Sachs

Just a note to let you know the itinerary for the Wisconsin Fun Fly to be held on August 6<sup>th</sup>, 7<sup>th</sup> and 8<sup>th</sup> in Siren and Birchwood Wisconsin:

Friday, August 6<sup>th</sup>:

Float Fly at Jim & Mary Cook's cabin in Siren, Wisconsin

Lunch will be served at noon with Jim and Mary providing the brats and beverages. Please bring a dish to pass. Flying off of Viola Lake will go after lunch until 3:30 or so.

At 4:00 PM, everyone will head for Birchwood (about 40 minutes from Jim's cabin) to check into the prestigious Birchwood Motel.

Dinner will be served at Bill and Sue Sachs' house at 6:30, bring your favorite beverage. Stay as long as you like or until Bill kicks you out.

Saturday August 7<sup>th</sup>

Breakfast at Birchwood Cafe at 8:00 AM and then head out to Birchwood Flying Field around 9:00 AM for a great day of flying and BS.

Guys bring your favorite beverage and snacks to share while flying.

10:00 AM: The girls go to discover Cumberland and lunch at the Tower Restaurant.

Girls head back to Bill & Sue's for wine in afternoon and more BS.

Guys are still flying till around 5:00 PM

Head back to the Birchwood Motel to clean up for dinner.

Dinner at Back To The Woodlands Supper Club 7:00 PM

Everyone is welcome back to Bill & Sue's for cocktails after dinner.

Sunday August 8<sup>th</sup>

Breakfast at Birchwood Cafe at 8:00 AM and then head out to Birchwood Flying Field for another spectacular day of flying and BS.

Birchwood and Rice Lake flyers let me know if you plan on coming to any of the breakfasts or dinners so I can make reservations.

We are anxious to see you all again this year and hope the weather cooperates. Come to the 2<sup>nd</sup> Annual Wisconsin Fun Fly. ☺

## Directions To Wisconsin Fun Fly

The Wisconsin Fun Fly kicks off on Friday, August 6<sup>th</sup> at the cabin of Jim and Mary Cook in Siren Wisconsin. Here are the directions to get to Jim's place:

Take 35W north from the Twin Cities. South of Forest Lake, 35W will join 35E to become 35.

Continue north on 35 to mile post 165 which is the Rock Creek/Highway 70 exit.

At the top of the exit, turn right onto Highway 70 and go east through Grantsburg, Alpha and Falun into Siren.

At Siren, 70 turns north at the stoplight and runs concurrently with highway 35.

Go north 2 miles on 70/35 until 70 turns east to Spooner.

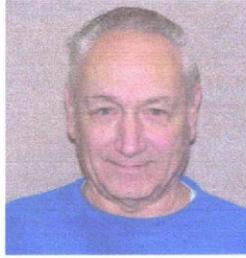
Take the right turn onto 70 east and go exactly 6.3 miles to Jim's driveway on the right. Look for the big red garage and light green house. You have arrived.

These directions should also be published on the website, [TCRCOnline.com](http://TCRCOnline.com). ☺

**TCRC meets every month on the 2<sup>nd</sup> Tuesday at 7:00 PM in Fellowship Hall of CrossPoint Church located on the southeastern corner of the intersection of 98<sup>th</sup> Street and France Avenue in Bloomington. Guests are welcome to attend these meetings.**

## Safety At The Field

By Larry Couture



Well here it is the end of July, 2010. I am sorry I missed last month but I was out of town with my wife for our golden wedding anniversary. *(Editor's Note: There are very few exceptions for not getting your article in to me on time, but this is one of them. Congrats to Larry and Joyce!)* For those that really care the river level is 15.8 feet, and is rising to 16.9 feet before it begins to fall, which means no flooding on the field. I hope they are right with this projection. I am getting tired of water!

I will miss all the doings at the field this month as we are out of town every weekend in August. Bad news for me but good for all of you as I will not be able to catch anyone breaking the rules. (Of course nobody breaks any rules whether the safety officer is there or not!)

I have been flying on weekdays but the turn out has been very light when I have been there. I have had no reports from others as to infractions of the rules so I assume that everyone has been perfect like me. (lots of humor there). I have been keeping my reputation up as I did crash again yesterday from dumb thumbs or brain fart. And for those keeping track that makes four, and I will try for more in the future.

I know that this is very redundant but I want to point out that as the year goes on and you fly your plane again and again it is a great idea to check and double check all surfaces and controls before flying each and every time. As we all know s\*\*t happens but hopefully this will slow it up.

**FOR ALL MEMBERS NEW AND OLD:** (same old harp but it's working)

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. I do suggest that all members should read the rules from time to time just to refresh the memory. There is always one 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 and on the field travel and make sure the others **HEAR** you and **ACKNOWLEDGE** you. This is in my opinion the most important rule to follow always as it makes accidents less likely to happen. **AND IT SEEMS TO BE WORKING SO KEEP IT UP!!!**

Thought for the day: Fly often, have fun and crash less and as usual all landings from which you can fly again are great but not always graceful. ☺

## Marion Larson

Marion Larson, wife of long-time TCRC member Morgan Larson, passed away on July 7<sup>th</sup> after a long illness.

Marion accompanied Morgan to many TCRC functions over the many years and was a great supporter to Morgan for his hobby. The Larsons were standard fixtures at the Park Rapids Fun Fly every August, and usually at the TCRC Banquet in November.

All the members of TCRC offer their sympathies to Morgan and his family for the loss of their loved one.

## Jim Miller Day August 4th

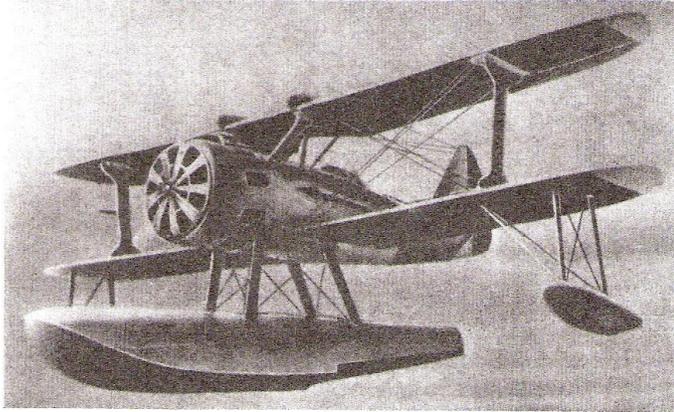
All members are welcome and encouraged to come on Wednesday August 4th at 1:00pm to the TCRC Airpark in Jordan. The assisted living facility Village Shores and Age Well Health Care are sponsoring a make a wish for Jim Miller to be able to come out to the field and fly a model airplane again. Jim will be flying Chris O'Connor's P-51 Mustang on a buddy box. This is even going to be covered by the media. Channel 11 is going to be at our field along with Boyd Huppert to do a story about Jim. Please come if you can and bring a plane to fly. This should be great exposure for the TCRC. J

**TCRCOnline.com**  
**Are You Using It?**

# Beriev KOR 1

by Conrad Naegele

The July Mystery Plane was the Russian Beriev KOR 1.



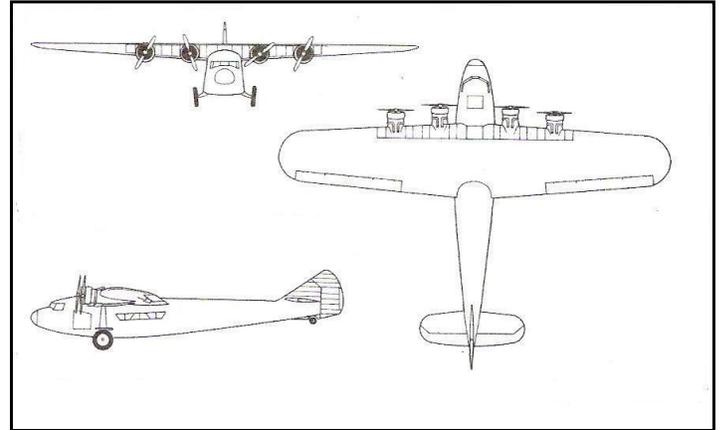
The Soviet Navy used a great number of flying boats through the late 30's, and into WWII. However, very few float planes were used routinely. Basically, the only such planes were the KOR 1 and 2. These two planes were extremely similar, intended for use as catapult planes from Russian cruisers, and as observation scout platforms.

The KOR 1 was flown in 1934. It carried a 750 horsepower radial engine derived from the Wright Cyclone, and it was all-metal, with fabric covering. A single step central float was braced to the fuselage, and stabilizing floats were braced to the lower wing.

Although it was an observation/scout plane it did have two 7.62 machine guns, one firing forward, and one for the observer. It could also carry 2 to 4 bombs. In 1939, it was fitted with a more powerful engine of 900 horsepower. Both models were good fliers, reportedly had easy handling, and were fairly fast for a mid 30's biplane – 193 mph. These planes were used on a small scale throughout WWII. You sharp-eyed people might note the close resemblance of the KOR 1 to the well-known Poikarpov I-5, 15, and the I-153.

The KOR 1 had a wingspan of 36 feet, a gross weight of 4,652 pounds and a range of 404 miles. ☺

# August Mystery Plane



## For Sale

**DLE 55 Brand new Spring 2009. Only 3 gallons of gas have been run through it.**

**Motor was used on an 84" Edge 540 last summer only. The airframe was sold at the TCRC auction.**

**Comes with:**

**\$420 Motor, Ignition and Stock DLE muffler**

**\$50 3.5 inch Dave Brown polished aluminum spinner**

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**Contact Terry Foster at:**

**[terry@fostercomputerconsulting.com](mailto:terry@fostercomputerconsulting.com)**



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## I Think Tab A Goes In Slot B



This is just one of the giant-size airplanes that made an appearance at TCRC's Big Bird Fly-In on Sunday, July 25<sup>th</sup>. There were almost 20 very beautiful, very large aircraft that came to the club's event, even though the field was somewhat soggy. (Photo by Steve Meyer)

### 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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