

# *Plane Talk*

January 2010



<http://www.qcskyraiders.com>

## ***Next Meeting***

Wednesday January 13, 2010 @ 7:00 p.m.  
at the Deere Wiman Carriage House  
817 11th Avenue  
Moline, Illinois



## 2009 Officers

President Rockne Brosman 269-2023  
(rbrosman@hotmail.com)

V. President Les Schjelderup 799-5678

Secretary Rick Haney 764-6089

P.R. Dennis Witt 797-2893

Newsletter Mike Cobert 788-1132

([mcobert@mchsi.com](mailto:mcobert@mchsi.com))

## *HAPPY NEW YEAR*

### Minutes of the December Meeting

**There are no minutes of our December meeting, due to its cancellation.**

*Respectfully submitted: Rick Haney Sec.*

## NOTICE

### **THIS MEETING WILL BE ELECTION OF OFFICERS**

Make sure and come to the January meeting and cast your vote for those running for office. If you would like to add your name to the ballot, it's not too late.

We thank all of this year's officers and members who have given of their time and dedication in keeping our club going, and our events a success. As this year closes, we forward to the coming year and all it will bring. Come out and help make this next year a successful one.

Nominations for club officers is as follows: Rick Haney for Pres. - Les Schjelderrup for VP. - Larry McWorthy for Sec. - Skip Chick for Treas. - Glen Williams for Safety - Mike Cobert for Newsletter.

Voting will be held next meeting. If anyone is still interested in an office there is still time to get your name on the list.

### **Calendar of Events**

Jan 1 Happy New Year

Jan 9 Flying at the Dome 10pm – 12pm

Jan 13 QCSR meeting 7pm at Deere Wiman Carriage House

Jan 30-31 E-Fest Champaign, IL Sat 7:30am-10pm, Sun 7:30am-3pm

Feb 10 QCSR meeting 7pm at Deere Wiman Carriage House



### **How I See It – by Rick**

Went to Freeport to their swap meet and took some stuff to get rid of. I did good! I didn't buy anything but sold quite a bit of stuff, including my Fly Baby and a bunch of old kits. Hope to sell more stuff at the DRCS meet.

Sounds like a nasty snow storm in the making. Don't think I'll go flying for a while. The next flying could be at the Chilly Fly. This is always a good time even if it is colder than a well diggers bippy. I think I've missed one year out of all the years that I have been involved with R/C. I've seen snow, freezing temps, fog (really thick stuff) and also some nice weather but have had a good time at all of them. Can't remember bringing home a broken airplane.

Meeting was canceled due to nasty cold winter weather. So we will have elections next month.

Now that the "real" winter is upon us I'm building another SIG Sr.. Can't beat a Sr. with a big engine can you. I may have it ready to show at the next meeting. I'm kind of a stand still because the engine hasn't come yet. I ordered a OS 91 FX. It should be about right. I also am finishing up another Sr. that I started a year ago. It has about the same span but the cord is around 1/3 more. Should float better. If it doesn't work out I'm sure the garbage man will take it!

Hope every one had a nice Christmas and a great New Year.

Come to the next meeting and see my new Sr. and we will be voting for the officers of the club.

Have a good one.

Rick

### **Flying in the Golf Dome**

**Next date to participate is January 9, from 10pm until 12am.**

Participation this year has been a little sparse this year. In December there was only flying one night, that night, the weatherman was calling for icing conditions and the times were changed to 10pm – 12am at the

last minute. These circumstances led to another night of low participation and the cancelling of the next night of flying December 12.

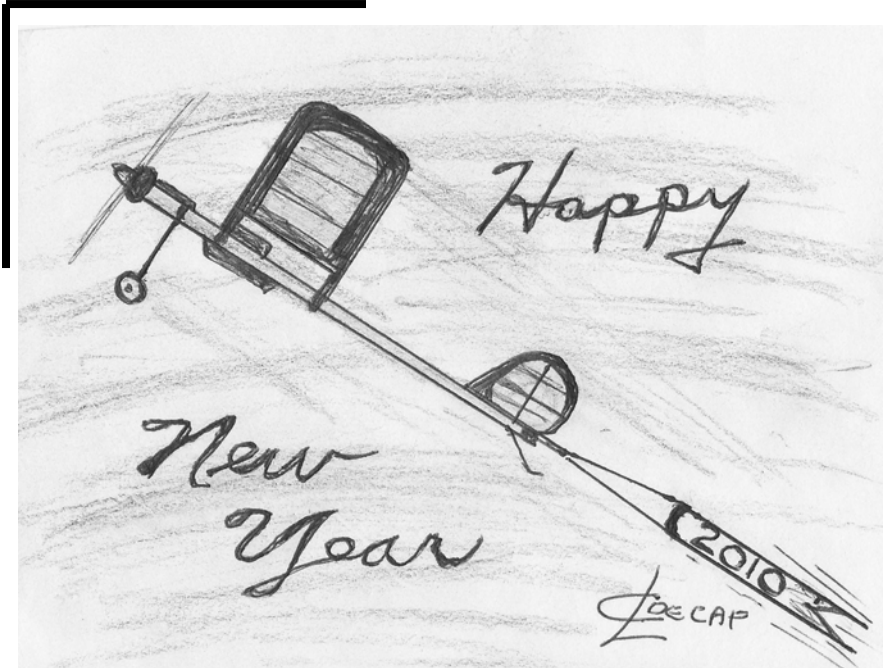
The next date for flying will be January 9<sup>th</sup> from 10pm – 12am, and again the weatherman is calling for low temperatures and windy conditions.

The participation on this night will make or break whether or not we will have this indoor site for flying. So if you haven't been out yet this year, come out and participate. There is always a good time to be had, and the weather inside will not be quite as cold as it is outside. Hope to see you there!

**The Golf Dome is located:**

**Orthopedic Specialists Sports Complex  
5003 North Brady St.  
Davenport, IA**

### DeCaps Corner



*From the Middle Point RC Flyers, Murfreesboro, Tennessee*  
**Airplanes for Flying in Windy Weather**

By Ivan Cankov

All too often, on an otherwise nice but windy day, folks just don't fly. Obviously, for a beginner, that's common sense—

but for someone who has some experience, the wind can be a challenge that adds some spice to flying.

While it's easy to see that experience level has a lot to do with how much wind is too much, it may not be quite as apparent that the type of model you're flying also can have a great effect on your ability to handle winds.

Let's go through some airplane design features to see which ones give us the best flying characteristics to handle winds and the resulting turbulence:

**Size:** In general, the larger the airplane, the better it will handle winds of all kinds; large models don't "flop around" as much!

**Dihedral:** The more dihedral in a model's wings, the more they are going to be affected by crosswind gusts; it is hard to keep the wings level, therefore lineup to the runway is difficult in a crosswind situation.

**Wing Loading:** The higher the wing loading, the less an airplane will be affected when hit with a gust.

**Aspect Ratio:** Lower aspect ratio (stubby) wings will be less bothered by gusts; there is less leverage for side forces to upset the airplane, and lower aspect ratio wings have a greater tolerance to changes in angle of attack caused by gusts.

**Power:** Having the power to overcome the force of wind is necessary. The same thing goes when you get into a sticky situation.

**Lateral Control:** Ailerons are beneficial in a crosswind landing and takeoff phases. The ability to dip a wing into a crosswind without changing heading is essential, as is the ability to rudder the airplane parallel to the runway heading while keeping wings level with ailerons while landing.

**Landing Gear:** Models with tricycle landing gear are easier to land and take off in a crosswind than tail draggers; in addition, the wider the spread on the main gear, the better.

**Maneuverability:** This one is a bit harder to quantify. You want a model with stability, yet you do need good maneuverability to cope with gusts. Therefore, you want a model that is stable, yet responsive.

**Wing Mounting:** Generally, a low-wing airplane will handle crosswinds better. This is because the center of gravity of

the airplane is nearer, in a vertical sense, to the aerodynamic center of the wing.

Therefore, a side gust does not roll the model as easily. Moreover, by mounting the main landing gear on that low-wing model, they can be spread wider.

It's unfortunate that almost every preceding item is in direct opposition to the characteristics found in many popular trainers. The main exception is the requirement for tricycle landing gear. But even with trainers, there are differences. Compare a Seniorita with the Kadet Mk2. While the Seniorita may be a bit slower and a bit easier to fly, the Kadet, with its ailerons, higher wing loading, lower aspect ratio, and lower dihedral, is a far better airplane when flying in windy conditions. Going a step further with the same kit manufacturer, the Cougar (.40)/Cobra (.60) kits embody all the right characteristics for windy flying.

In closing, I offer Confucius' only known saying about RC flying: "To learn to fly in wind, one must fly in wind!" →

## **FOR SALE CORNER**

Dan Jones is thinning out his hanger, he has asked Mark to pass this along to the club. Please contact Dan with any questions.

[edge540t@mchsi.com](mailto:edge540t@mchsi.com) ph.309-235-1701

Hanger 9 90 Size Funtana - \$400

Aero Works 50cc Katana WS 84" - \$1000

2 Avistar Trainers 1 red & 1 white - \$250

60 size patteren plane - \$100

Aero-Works Ulitimate Bi-Plane, Bind & Fly - \$1400

Shawn Guilfoyle

Shawn has two planes for sale.

Thunder Tiger Velocity 2 - \$100

Zagi 48 Inch wing - \$100

Contact Shawn at any of the following:

Quad City Toyota

4618 Brady St.

Davenport, IA

52806

Toll Free 1-888-391-4106

Local 563-391-4106

Mobile 563-505-4513

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## Membership Application

If you cannot attend the meeting you can fill out the following application and send it, your check, and a self-addressed, stamped envelope to the Treasurer to receive your access instructions, membership card and a copy of the by-laws.

### Application for Membership Quad-City SkyRaiders

Name .....  
Address .....  
City .....  
State & Zip Code .....  
Phone .....  
Email.....  
AMA# (required).....  
Frequency #s .....

### Make check payable to:

Quad-City SkyRaiders  
Mail this application along with your check and a self-addressed, stamped envelope to:

Mark Chronister  
402 - 2nd Ave C  
Silvis, IL 61282

Single membership - - - - - \$20  
Senior membership - - - - - \$15  
Junior membership - - - - - \$10  
Family membership - - - - - \$20  
for each dependent - - - - - \$ 5  
Associate membership - - - - - \$ 5  
Initiation fee - - - - - \$10  
Junior initiation fee - - - - - \$ 5



c/o Rick Haney  
2042 - 52nd St  
Moline, IL 61265