



The CHECKERBOARD Flyer

Newsletter Editor: Paul Park

March 2016

February Birthdays

Matt Goethe
Greg Meyer
Scott Thompson

EVENTS

March Meeting: 3/17
April Meeting: 3/21

3/19/2016 -- Rockford, IL (E)
ROCK VALLEY R/C FLYERS
SWAP. Site: 1401 N Bell
School Rd. Edward Scherer
CD PH: 815-494-8329 Email:
edward.scherer@comcast.net.
Visit: rockvalleyrcflyers.com

3/26/2016 -- Wheaton, IL (E)
SWAP TIL' YOU DROP 2016.
Site: 2015 W Manchester
Lane. Marty Schrader CD PH:
630-534-0510 Email:
marty@suburbanrcbarnstormers.com

4/3/2016 -- Columbia, IL (E)
SWAP MEET. Site: 211 E
Cherry St. Cameron Cook CD
PH: 618-281-7243 Email:
triplesea@gmail.com. Visit:
columbia-rc.net

Club info

The club charter has gone up by \$30 for 2016. There's still funds in the lawnmower account but it looks like we won't be adding to it this year.

The club now has or will have new (corrected) membership cards, a website, twitter account, and additional insurance. The electronic domains will be owned by the club and contact information can be easily swapped out.

Show and Tell

Matt brought in a new-to-him discus launch glider. I know for a fact these things are expensive.

The Validol DLG was \$800 when new, it takes a 2s 350mah lipo which gives about 45 minutes of total flight time. So far Matt's been getting 3 to 5 minute flights but the warmer weather and experience will increase the times I'm sure. It has a 1.6M wingspan and is 10oz all up. That's light!

I brought in the quad frame I designed myself! Unfortunately they made a small mistake on the arm thickness. They sent me 3.65mm thick carbon arms instead of 3mm. Not a huge deal except all my slots were cut for 3mm so I had to do some filing to get the arms to fit. It turns out carbon is hard on metal files. I basically ruined 2 carbon hobby files opening up the slots. Also make sure you wear a mask and/or wet down the carbon when sanding or filing.

The frame weight is roughly 140g with the total quad weight before camera/battery around 388g. I'd like to lose about 30g if possible.

That said, it flies great and I have been tearing up the indoor race course at White Pines golf dome. If you follow my YouTube channel you will see the videos I have been posting.



Gerardo was at the field flying his HobbyKing efx racer. This thing is FAST! He carved out the foam in the front to take a 2600ma 4S battery. This is one of those planes where the term "flies like it's on rails" really applies. You can however see the wings bow in a high g maneuver. Doesn't seem to affect its performance at all.

And of course I was out flying my quad design.





The first World Drone Prix was just held in Dubai.

Pilots from all over the world competed for the largest prizes yet. \$ 1 Million total prizes!

1st place: \$250,000
2nd place: \$125,000
3rd place: \$50,000

There are really good prizes for 4th-8th place. There are also prizes for freestyle competitions.

The course was made of a dynamic setup where the lights on the side of the track could move. There were gates placed at certain intervals and something I've never seen before -- a gate atop a vertical climb.



There were qualifying events done indoors to narrow down the field of teams (of 4). Each team consisted of a pilot, navigator, and 2 pit stop personnel. The races were mostly held at night and because they were 12 laps, your weight and number of battery changes had a huge impact on how quickly you finished.

There were definitely some teething pains.

Because they wanted to broadcast live HD footage similar to an auto race, they required each craft to carry a wireless HD camera module. Unfortunately these weighed 200 grams. On an aircraft that weighs 300-500 grams to begin with, that's similar to carrying an extra battery and a half but not using that battery. Some of the footage was very laggy and dark. In the beginning the pilots were flying very slowly presumably due to the weight and unfamiliarity. Also each pilot could not use 2.4ghz as that was the frequency the HD system was using so they had to use a 900Mhz radio module.

Hopefully next year they figure these things out.

Regardless by the end races the speed had picked up and the teams were operating very efficiently.

The winner of the \$250,000 price was Luke Bannister from Great Britain.. A 15 year old pilot!!





Event Calendar 2016

January 21
 February 18
 March 17
 April 21
 May 19
 June 16
 July 21
 August 18
 September 15
 September 17 Family Picnic –
 Noon
 October 20
 November 17
 November 20 Chili Fly – Noon
 December 12/15 Mother's Day

Meetings begin @ 7:00 PM.
 Visitors are welcome. The times
 and dates for Fun Flies will be
 announced before the April
 meeting.

Interference Problem

We have continuing
 interference on channels 16,
 17, 24, 25, 26, & 35 at the field.
 If you are using any of these
 frequencies, change to a
 different one ASAP. Or switch
 over to a 2.4 GHz system.

Cook County Forest Preserve Fly Market District Note:

From the Cook County Forest
 Preserve District:
 "The flying of any form of model
 aircraft within the Forest
 Preserve District shall be
 prohibited except in such areas
 which have been designated as
 "Model Airplane Flying Fields".
 The areas will be posted by the
 District and other signs will not
 be permitted. Each area shall
 be available for the flying of all
 types of model aircraft by any
 and all individuals on a first-
 come, first-served basis."

"Model Airplane Flying Fields
 will be maintained by the
 District on a par with picnic and
 similar use areas. Refined
 mowing by individuals or
 groups is permitted"

Board Members

President	Anthony Majdich
Vice Pres.	Ed Papartis
Treasurer	John Ricchio
Field Mrshl.	Kim Kraft

Don't Forget!!!



Club Contact / Web Site

Checkerboard Field R/C Club
 P.O. Box 6178
 Broadview, IL 60155

Club Web Site:
<http://www.checkerboardrc.club>

Email:
info@checkerboardrc.club

Facebook:
<https://www.facebook.com/checkerboardrc>

Newsletter:
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