

PROP KICKS

The Voice of the Cloud Kings



Bill Brueckman - President
Dan Crawford - Vice President
Leif Thomson - Secretary
Brian Swarts - Treasurer

AMA # 579



From the President's Bench

Bill Brueckman
President@Cloudkingsrc.org

Hopefully the long, cold, snowy winter is over and flying time is quickly approaching. Bill Losey and Ray Crowley will be making arrangements to have the field rolled and the driveway touched up so get those winter projects off your work benches and get them ready to fly.

Another successful year of In-Door flying has come to a close and thanks to the In-door flyers, donations to the school amounted to over \$750.00 dollars, with \$60.00 dollars used to pay the AMA insurance on the school.

Our events have been scheduled for the year, namely the Tail gate sale, Fall picnic and Octoberfest. In addition, with the cooperation of the Civil Air Patrol, we are planning to host a RC flying demonstration at the New Garden airport. I'll have more details to follow.

The next club meeting is scheduled for April 12th at the Post House restaurant. See you there.

Bill



The Editor's Desk - Mike Denest

Editor@Cloudkingsrc.org

This month we start off with a couple of new projects that we will see on the flight line. Members Dick Martin and Tommy (sorry, I don't have your last name), sent in their submissions for this issue.

On the Mend Department

Members Bob Fling and Jim Davenport are on the mend. Alice Fling says Bob is having problems with his heart and she said he would enjoy a visit from fellow club members. Bob can be visited at the Harrison House, 41 Newport Ave. in Christiana, Pa. 17509 610-593-6901

Jim spent a tour at the VA hospital in Baltimore but is now home recuperating. Our best to Jim and Bob for a speedy recovery.

I spent the last weekend of February at the WRAMS Show. Saw a lot of nifty things with the emphasis on ready to fly. See the following pages of Prop Kicks for a picture report.

Our electric columnist Sparky is back with some interesting thoughts on electric flight.

Enjoy the newsletter, see you at the field.

Mike

Submissions to Prop Kicks

Prop Kicks is a bi-monthly publication of the Cloud Kings RC Club. Your pictures, ideas, articles are needed for publication. Send your submissions to me, Editor@Cloudkingsrc.org. Please submit your articles and photos in electronic format by e-mail or cd.

Weekday Flyers

The Weekday Flyers gather together every Wednesday at the Post House on Baltimore Pike between Oxford and Nottingham. Here are some photos of Earl McMullen giving a demonstration on applying markings.



The Member's Workbench

This month we received a submissions from Dick Martin and Tommy on their latest projects.

Dick Martin has a Cleveland Playboy Senior Cabin almost ready to go. The Cabin is not as popular as the pylon version; regardless it is a good looking machine. Wingspan is 67.5 inches.



Tommy sent in pictures of his Little Stick, a scaled down version of the Ugly Stik.





Electrifying News

By Sparky

More talk about Li-Po batteries

Let's see, where shall we start – hum? Ok, it's like they say a picture is worth a thousand words. So we'll start with a cool picture and then go from there.



Pictured above is a Li-Po battery. The configuration is a simple series of three cells connected in series to produce 11.2 volts @ 1000 mAh.

First let's identify the wiring groups and their associated leads. The red and black leads are called the discharge wires, the **red wire** is the positive lead and the **black wire** is the negative lead. They are terminated here in a red Dean Style connector. The battery is discharged through these leads, and can also be recharged through them.

The second and last group is called the balance wires. They are terminated in a plug which is also known as the node connector, and is usually white in color. This connector can be used to balance the battery while being charged through the discharge leads, or it can be used to charge and balance the battery independently while the discharge leads are left unconnected.

One last point of consideration is the rate of charge. In a previous article we talk at length about C-Rating and how it applied to the charge and discharge ratings of Li-Po batteries. Without rehashing that discussion, let's just point out that many cells are marked with a

WRAMS Report

Lots of things to see (and buy) at the 2014 WRAMS Show. This year was no exception and was even better than the previous year. The new venue at the Meadowlands Exposition Center features plenty of parking and it's easy to get to, right off the NJ Turnpike. Make plans to attend in 2015.



1C only charge rating. Does this mean that we can only recharge at 1C? Yes and no, this warning is because the balance wires are usually a much smaller size wire than the discharge wires, and will not safely carry charging currents greater than 1C, so when charging through the node connector we'll have to settle for a 1C rate. However, when the battery is charged through the much larger discharge wires it can be safely charged at 1c, 2c or 3c, if the battery temperature is monitored during the charging cycle.

Sweethearts Luncheon

Cloud Kings members and their spouses gathered together to celebrate St. Valentine's Day.



Indoor Flying Sessions Announced

President Bill Brueckman says that Dan Crawford has arranged for two more flying sessions at the North East High School on April 13 and April 27 from 1 PM to 4 PM. Donations will be accepted for the school. Thanks Dan!

For Sale

OS Engines

FX 160 - Low run time, w-muffler 150.00
FX 91 - Good condition, w-muffler 100.00
FS 70 - Good condition, w-muffler 100.00
BGX 1 - Looks new, w-muffler 75.00
FS 61 - Battle tested, new bearings 50.00
LA25 - New 50.00

Saito Engines

FA 180 - Low run time, w-muffler 150.00
FA 100 - Pitts/muff & alum mount 100.00

YS Engine

120 AC - New gaskets & regulator 50.00

Super Tigre - Italian

ST 3000 - Good cond. W-muffler 75.00
Twin 60cc - Good cond. W- mount 150.00

Henry Bohe 610-732-4100

Futaba 6 EX 2.4 GHz FAAST Transmitter with Futaba 6106 6 channel FAAST receiver, Futaba R617FS FAAST receiver, charger and manual. \$100.00

Tower Hobbies 6XM 6 channel FM transmitter with manual. \$10.00

Mike Denest 302-234-9597

Calendar of Events

April 4, 5, 6 - 59th annual Weak Signals Exposition
Seagate Center, Toledo, OH
May 17 - 18 ESL Hand Launch SKSS White Clay Creek
State Park
June 7 - 8 ESL Thermal Duration SKSS White Clay Creek
State Park
June 14 - Buy and Fly West Field
June 14 - 15 - Lums Pond IMAC Challenge. Delaware R/C
July 9 - 12 Warbirds Over Delaware. Delaware R/C
August 23 - Club Picnic West Field
August 21 - 24 Great American Aero Tow SKSS White Clay
Creek State Park
October 11 - Oktoberfest West Field