



THE R.C. SPORTFLYER

AMA#1160
KANSAS CITY, MO.

February 2015



1

VICE-PRESIDENT
Bill Dillinger
8310 Cherry Street
Kansas City, MO 64114
816-309-8649
bill@nickelkid.net

NEWSLETTER EDITOR
Chuck Bernard
816-213-4104

PRESIDENT
Everett Loughridge
P.O. Box 528
Belton, MO 64012
816-322-2378
eloughridge@kc.rr.com

SECRETARY
Bobby Miller
816-506-0044

TREASURER
Randy Lawson
2410 Twin Oaks Dr.
Harrisonville, MO 64701
816-884-6639
Lawson8484@yahoo.com

FIELD MAINTENANCE
George Wright
Herb Hestand

The Radio Control Sportflyers Club operates from Stamm Field, located at the southeast corner of Longview Park
Managed by the Jackson County Parks Department www.jacksongov.org/rec.shtml.

<http://www.rcsportflyers.org/>

**The next meeting is Saturday, February 14th at 10:00 A.M.
At the Belton Fire Station, 16300 Mullen Rd., Belton, Mo.**

Try to arrive a little early, breakfast food will be available.

Also bring checks or cash to renew your club membership.

Minutes of the January Meeting

**The meeting was called to order at 10:13 A.M. by club president Ev Loughridge.
There were 13 members present.**

Treasurers Report

Checking:	\$544.88
Savings:	\$1244.69
Total:	\$1789.57

Old Business

January 1st Freeze Fly was a great success. Several members attended and a few brave souls flew their planes. Chili and all the things that go with or into chili were available.

New Business

As promised, Everett showed up with some small raffle prizes to start the year off. The winners were: Jim Adams, Chuck Bernard, Bill Dillinger, Steve Redding and Randy Peterson. The winners got to choose an item in the order that their names were drawn.

Members Only Raffle

A Hawker Hurricane 25e Electric airplane was donated by Bob Prosser. The proceeds from the raffle will go for the purchase of a new BBQ grill for the club.

Park Board Appointment

George Wright was appointed to represent the club at the Jackson County Parks board.

New BBQ Grill

The club voted to authorize Everett to purchase a new grill. He was able to find a stainless grill for \$250.00

Web Site

The club web site is undergoing a long overdue update by Bill Dillinger. Please view the site and send your comments, pictures or ideas for improvement.

Show And Tell

Randy Peterson showed his TuffLight 4D airplane. This plane is ideal for learning to 3D fly. Details at the end of the newsletter:

<http://www.tufflight.com/4d.html>

Randy also talked about his power supply and charger setup that can charge several batteries simultaneously. The iChargers are very solid and Paraboards make it easy to charge/discharge up to 6 batteries at once (can be different mAh but all need to have same # of cells).

<http://www.buddycrc.com/power-system/paraboard-parallel-charge-board.html>

Bill Dillinger demonstrated accessing the club web site features. The site can be accessed at: <http://www.rcsportflyers.org/>

Wally Gloor showed an electric motor test stand he made. The stand can accommodate several different electric motor configurations for testing.

Meeting was adjourned at 11:15

Don't forget to get your 2015 Parks permit before you head out to the field for your first flight of the year!!

Fun Facts

The Whole Nine Yards

American fighter planes in WW2 had machine guns that were fed by a belt of cartridges. The average plane held belts that were 27 feet (9 yards) long. If the pilot used up all his ammo, he was said to have given it the “whole nine yards”

Calendar Of Events 2015

Dates Subject to Change

Jan. 1st RCSF Freeze- Fly

Feb. 7th KCRC Swap Meet The Pavilion at John Knox Village

520 N.W. Murray Rd., Lee's Summit, Mo. 9AM – 3PM

May 4th Golden Valley R.C. Fun Fly Clinton, Mo.

May 24th K.C. Heli Open House at the heli field across the parking lot

May 31, June 1 RC Barnstormers Float Fly , Paola, Ks city lake

June 7th & 8th Eagles Associates 4th Annual Heli Fun Fly at Stamm Field

July 11th RC Sport Flyers fun-fly carnival at Longview Stamm Field

Aug. 8th & 9th Clinton, Mo. ProBro fly-in , Golden Valley R.C.

Aug. 23rd, rain date for RCSF fun-fly if needed.

Sept. 6th KCRC warbirds fly in Jacomo

Sept. 13th Shawnee Mission R.C. Float-Fly

Sept 19th R.C. Sport Flyers Fall Electric and glow/gas Fun Fly

Dec. 13th? Meeting and Christmas party

For Sale

If anybody wants to sell something, e-mail me with the info and I'll publish it in the next newsletter or forward the e-mail to the Sportflyer List.

Chuck@CalBizSales.com

From January meeting show-and-tell:

Here's my new TuffFlight 4D with a Saito 82 4-stroke. It's supposed to be indestructible with an EPP foam wing, breakaway engine mount & throttle link, Official Wiffle Ball bat fuselage and Coroplast for everything else. A 46 2-stroke would be fine as well.

It's really a 3D trainer that should take the abuse of multiple nose plants and cartwheels when learning to do torque rolls close to the ground. If you've seen me crash, you know I'm hard on planes so this is right up my alley and maybe yours too? This is my 3rd TuffFlight plane and my favorite. A bit different to build but not too difficult. Be aware that it IS a build – not a next day ARF.

Aileron servos (pull-pull) and throttle servo buried in wing. 1/4" nylon sheer bolts to release engine and/or landing gear in case of an excessively hard landing (fortunately have not had one yet). Full surface rudder/elevators (no vert/horiz stabs) for extreme maneuvers.

<http://www.tuffflight.com/4d.html>

You can download the pdf instructions from the website and see flight videos, etc. I bought the deluxe 4 stroke kit + the 5 servo add-on and Coroplast ski option.



With the optional ski kit (the toe-in and camber is intentional):



We discussed 12v power supplies, chargers, discharging resistors and parallel charging boards during the meeting. See picture below.

The iChargers are very solid and Paraboards make it easy to charge/discharge up to 6 batteries at once (can be different mAh but all need to have same # of cells).

Here's a good source for chargers and paraboards:

<http://www.buddyrc.com/power-system/paraboard-parallel-charge-board.html>

Here's where I bought my latest 12v power supply (to replace noisy Turnigy power supply shown in picture):

<http://www.rcgroups.com/forums/showthread.php?t=2212158>

The two 1 ohm resistors mounted on a CPU heatsink is used with the iCharger to quickly discharge liPos to storage voltage (3.85v/cell) if not going flying for awhile.

This is a good article on how to be nice to your expensive LiPos to extend their life:

http://batteryuniversity.com/learn/article/how_to_prolong_lithium_based_batteries

