



SANDERSON FIELD R.C. NEWS

Pylon Race 3/15/09



CHARTER NO. 3079

CLUB MEETING

*This months meeting will be held
on Thursday March 12th from 7:00
p.m. to 9:00 p.m.*

at PUD #3

At 3rd & Cota

Minutes read and accepted as read.

Treasurers report read and accepted as read.

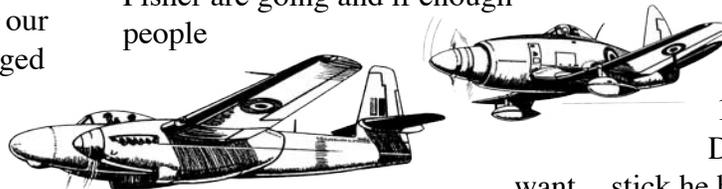
We did have flyers at Monroe where our club had 10 tables, Dick Robb noted that our swap meet location has changed from the high school gym to the Jr. high gym next door. We that we need to have some special signs made up to redirect people to the right place.

Chuck and Bob contacted Hunter farms about the corner markers for the field there and they would like wood stakes flush with the ground. We can use survey tape to make them more visible. Bob Andrew suggested drilling holes and putting driveway markers in the stakes when we are flying. Hunters have been paid.

Chuck questioned the need for the \$60 field insurance for Hunter farms. It was explained that it is for liability for the field owners.

Dick gave the scholarship fund another \$319 from Hugo VanPassen's estate, that brings the total to about \$3300 for the scholarship fund. Everything but 1 kit and 1 set of floats have been sold except for a few odds and ends. Dick will try to sell them at Toledo.

Dick noted the McMinnville swap meet on March 14th, He and Dave Fisher are going and if enough people



want a ride he will put the seats back in his van for the trip. He also noted the Toledo swap

meet on June 20th.

Gordie Osberg showed a picture of last year's scholarship winner, Torrie Peckham that he received from her. This is the first time one of our winners has let us know their progress. She is doing well and has Soloed on Dec. 4th, 2009. Gordie made a suggestion that we might extend her Scholarship for another year. Stacy Myers motioned to do that, motion carried.

Bob Beatty showed his new GWS foamy ME-

109

Dick Robb showed his little stick he built from plans, turned into a low wing stick.

Meeting adjourned 7:30



Thank you for all of your support! Solo'ed Dec 4, 2008 (B-19 Sport) Sincerely, Tori Peckham

A-123 Cells

From RCadvisor.com

By Carlos Reyes

Electric model airplanes have been around for roughly three decades. A huge problem in the early days was battery energy density. In other words, they simply weighed too much for the amount of juice you could get out of them. This situation has improved dramatically in recent years with the advent of Li-Poly cells, but a battery pack for a larger model can easily cost hundreds of dollars. The advent of electric cars, such as the Toyota Prius has spurred an enormous amount of research into new battery technologies. In this article, I will describe an alternative to Li-Poly batteries that offers intriguing possibilities.

A123 Systems (www.a123systems.com) produces Lithium-Ion Nano-phosphate cells. These cells have a nominal voltage of 3.3 volts and can withstand continuous discharge

rates of 30C. They can be safely discharged down to 2.0 volts. The voltage remains fairly constant through the discharge cycle, but they do have a sharp drop-off at the end. Expect 300 cycles before you notice any reduction in capacity while at 1,000 cycles you'll have 75% of the original capacity. They are very safe. Overcharging or over discharging will not cause an explosion and will have little effect on the life of the battery. Balancing the cells when they are charged is still a good idea, but not absolutely required. They can be charged immediately after use in 15 minutes. The cells are available in two sizes. The original M1 cell has a capacity of 2.3 Ah and weighs 70 grams (2.47 oz.). A newer, smaller size can hold 1.1 Ah and weighs 40 grams (1.41 oz.).

The primary source for A123 M1 cells has been DeWalt 36-volt portable power-tool battery packs. Each pack contains 10cells. I pur-

chased two of these for \$100 each through Ebay. The prices appear to have gone up recently to the \$120-\$130 range. Single cells can also be purchased online for \$15 from a growing variety of vendors. You can find two of the smaller cells in a Black & Decker VPX battery pack which sells for about \$15. The smaller cells can also be had for \$12.50 each.

There are many Li-Poly chargers that support or can be modified to support the charging of these A123 cells. Because of the sharp voltage drop-off when discharged, you are probably better off using a timer when you fly. Otherwise you need your ESC to shut off the motor when 2.0 volts per cell is reached. Bottom line? These cells give you 70% the energy density of Li-Polys for about 45% of the price. For many of us, that is a good trade-off. They are extremely safe and can be charged in 15 minutes. If you end up buying half as many battery packs because of the shorter charge time, then they become a much better value.

DUES ARE \$100.

IF YOU PAY BY MAIL SEND YOUR DUES, YOUR OLD KEY, PROOF OF 2009 AMA MEMBERSHIP AND A SELF ADDRESSED STAMPED ENVELOPE TO THE TREASURER:

**CHUCK KENTFIELD
3122 Madrona Beach Rd.
Olympia WA 98502**

Make checks payable to SFRCF

CLUB OFFICERS

President	Eric Oberg	(360)426-8777
Vice President	Dick Robb	(360)427-4521
Treasurer	Charles Kentfield	(360)866-9473
Secretary	Bob Beatty	(360)426-5601
Safety Officer.....	John Tupper.....	(360)426-6383

BOARD MEMBERS

Board Member.....	Eric Oberg	(360)426-8777
Board Member.....	Dick Robb	(360)427-4521
Board Member.....	Stacy Myers.....	(360)426-9367
Board Member.....	Bob Beatty	(360)426-5601
Board Member.....	Dave Fisher	(360)490-2338
Alt Board Member	Bob Mason	(360)426-9256
Alt Board Member	Chuck Kentfield	(360)866-9473

2nd RACE in the APRA Dash for Cash Series!!!!



2009 SHELTON, WA WINTER SEASON PYLON RACE

SUNDAY MARCH 15TH, 2009

WHERE: Sanderson Field, Shelton Airport, Shelton, WA – call or email for directions

WHEN: Sunday March 15th, 2009. Registration opens 8am.

COST: \$ 25.00 per class

CLASSES: Quickie 428 / Quickie APRA

CD: Eric Ide – Yoteamgreen@comcast.net cell-360-701-0535 / Jody Haack – haacks@msn.com 253-569-4458

APRA Class DASH for CASH 2009 SHELTON, WA WINTER SEASON PYLON RACING **FEBRUARY – MARCH – APRIL – MAY**

Come join the fun of pylon racing and maybe win some cash at the same time!!!!

The winner of the APRA class Winter Season will be awarded a cash prize! The current pot sits at \$ 300.00**, with the possibility of going even higher as the season progresses.

To be eligible for the cash prize you –

-Can not have participated in a Q40 or Quickie 428 race in the last 12 months

-Must be willing to go fast, turn left and have immense fun!

For more information on APRA class rules, contact any of the PROPS members. Contact information can be found at

www.nwprops.org.

**Dash for Cash contributors – Jerrett Cangie, Bill Petterson, Dan & Patt Nalley, Eric Ide, PROPS – if you would like to contribute a cash donation, please contact Eric Ide or Jon Packer – and THANKS for supporting pylon racing in the Northwest!!!!!!

SEE YA AT THE RACES!

March 2009						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3 7:00p SFRCF Board Meeting	4	5	6	7
8	9	10	11	12 7:00p SFRCF Regular meeting	13	14 6:00a Boeing Car Club - closed
15 Pylon Race	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Two no fly days this month, Boeing car club on the 14th and the pylon race on the 15th. Check the web page for late additions. <http://sfrcf.quintex.com/Events.html>

Club Scheduled Events for 2009

- January 1st.....First fly of the year - No go... snow and rain
- February 8th.....Pylon Race - Come out and help officiate
- March 15thPylon Race - Come out and help officiate
- April 18thSanderson Field RC flyers annual swap meet 9:00 to 12:00 SHS Sub
- April 19thPylon Race - Come out and help officiate
- May 16th.....Fly-In - 9:00 a.m. to ?????
- May 24th.....Pylon Race - Come out and help officiate
- May 31stForest festival Parade float
- June 1st.....Public Fly-In 9:00 a.m. to ?????
- June 6th.....Open House Fly-in/work party - Hunter Farms
- June 20th.....Public Fly-In 9:00 a.m. to ????
- July 18th.....Scale fly-in/Public/potluck BBQ - 9:00 a.m. to ?????
- July 24th - 26th.....Pylon Race - Locked
- August 22nd.....Fly-in - 9:00 am to ????
- August 28th-30th.....Pylon Race - Locked
- September 12th.....Fly-In 9:00 a.m. to ????
- October 10th.....Fly-In 9:00 a.m. to ????
- December 10thChristmas Party 6:00 p.m. to 9:00 p.m. (potluck)

It's time for 2009 dues, dues are \$100.00

Check out our web site at <http://sfrcf.quintex.com>