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AMA Club Charter #2988

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<http://www.downeastsoaring.org>

## April 2014 issue of the DSC's "Quiet Happenings" Newsletter Downeast Soaring Club Upcoming Events

Event	Date	Time	Location
DSC Business MTG, Social and Show & Tell	Saturday, 4/12/2014	Door open at 9 AM, 9:30 AM Business meeting; 11 AM Show & Tell	Topsham Public Library; 25 Foreside Road, Topsham
DSC Business and Show & Tell Meeting	Saturday, 5/31/2014	Usually 2nd Saturday of every month Social 9 AM, 9:30 AM Business meeting starts; 11 AM Show & Tell	If event date is the end of the month it is just a place holder, watch email. Topsham Public Library

Note: #1 Changes to an event will be announced by e-mail and posted on the DSC web site as soon as it is known. Check your e-mail on the morning of the event to see if it has been cancelled for an unforeseen circumstance.

## Minutes of the 15 March 2014 DSC Business / Show & Tell Meeting

### MEMBERS PRESENT

James Armstrong, Ken Baker, Dick Rosenberg, Bob Constable, Robert Berry Jr., John Cheetham, Frank Powers, John Seredynski, Tim Will, Mark Higgins, and Frank Bennett.



### TREASURES REPORT:

Acting DSC Treasurer Jim Armstrong provided the following report:

- Jim reported that there were no changes in treasurer's report since last meeting.
- Jim said him and Mike would be making out the Club's AMA charter for 2014.



- Jim reported that John Emery (Actual DSC Treasurer) filed the Club 2013 tax return. Special “Thank You” to John Emery for completing the Club’s 2013 tax return.

## SECRETARY’S REPORT:

Secretary Mike Farnsworth couldn’t make the meeting. He had no correspondence to pass on. He said:

*Hi Jim,*

*I have an Eagle Scout ceremony to set up and prepare for tomorrow. I will not be able to make the meeting.*

*Thanks,*

*Mike*

## OLD BUSINESS:

### RC FIELDS:

*Background: Paul Johnson has been actively lobbying the town for access to the NASB former Radar site on Old Bath Road. A town committee has been formed which will meet in the near future to discuss uses of the site. Paul hopes to be on the committee. A portion of this large site is allotted for Sports fields; this would still leave plenty of area for a flying site.*

*Thanks Paul for your efforts.*

- Latest status: No recent updates.

## NEW BUSINESS:

### INSURE FALMOUTH FORESIDE FIELD:

Since Mike and Jim are going to make out the AMA paperwork to charter the Club for 2014, the question came up about insuring the Falmouth Foreside Field. Jim brought up all the work that Steve Everett and Mike Bergerson did for the club. It was agreed that the field should be insured.

### DSC FREE MAGAZINE RAFFLE:

A free RC magazine raffle was held. Each member received a RC magazine.

## DSC DRAWING LIBRARY:

Plans from Club magazines are pulled out and shown to members for checkout.



## FLOAT PLANE FLYING:

Frank Powers asked if the New Meadows River was a good place to fly float planes. Tim Will said he did it once and his plane ended up covered with salt. Consensus was that there is too much salt, so it is not a good place to fly.

## SUMMER CLUB MEETINGS LOCATIONS

Jim said that we will stop having meetings at the Topsham Library since the weather is turning. Look for upcoming meetings to be held at flying sites.

## CONTEST SCENE FOR ALTITUDE LIMITED ELECTRIC SOARING (ALES) CONTEST.

Mark said he would like to put on an altitude limited electric Soaring contest next year. He said an ALES contest is easier to put on than the other type of glider contests and is loads of fun. Mark explained how the contest is run and explained what you need to participate. All you do is hook up one of the following to your glider:

# **Competition Altimeter for Models**

Designed for the new 200m altitude limited electric soaring (ALES) format, the CAM is small, light, and easy to install. Just plug it in between your receiver and ESC. That's it! The CAM automatically shuts your motor down at 200 meters or after 30 seconds per the emerging ALES rules. This new competition format promises to put the "soaring" back into electric sailplane contests. Even inexpensive RTF models can compete!

The CAM has selectable cutoff altitudes of 100m, 150m and 200m, and does not require a computer to program or use. You can easily change the cutoff right at the field. With the CAM you can make multiple climbs to cutoff without having to land. Great for practicing! And, the CAM is designed, built and supported right here in the USA.

Mark said if the club had a few we could share them. He will come to Bowdoin field to put on a demo of his CAM that he uses in altitude limited electric Soaring contests. Mark said that foam planes do very well in this type contest. So you don't need an expensive glider to have fun.

## **SHOW AND TELL**

RC equipment:

- John Seredynski showed us the infamous 1300KV Blue wonder motor he purchase from Heads up RC for around \$13.
- John Seredynski showed us a motor package he purchased from Grayson Hobbies. The package includes all that you see in the picture.



### **BUILDING TIP:**

John Seredynski showed us some long wood coffee stirrers. He uses them for model building and repairing.



## AT-502 AIRTRACTOR

Bob constable showed us the AT-502 Airtractor short kit he put together. He did an excellent job. It is sold by Pat's Custom Models. Bob is using a 480 mah battery. Some have flown it with an 800ma battery. He used thin plastic, card stock, and foam for canopy.



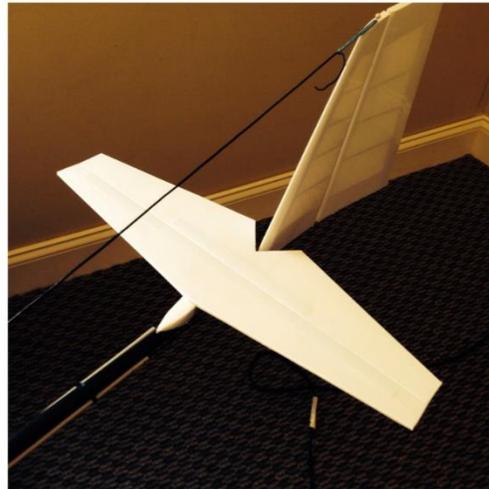
Editor's note: I'm impressed that Pat's Custom Models has build logs for its planes. Take a look: <http://www.rcgroups.com/forums/showthread.php?t=1475597>

The following is from Pat's Custom Models web site:  
<http://patscustom-models.com/index.html>

The AT-502 Airtractor spans 40" Length 24.75" with a Flying Weight 7.3 oz. Power is an E-Flight Park 250 (2200KV) Outrunner with an E-Flite 10A ESC, an APC 7-3.5 DD prop and a 2s 430 mah Li-Poly battery. Guidance is 4 ch. R/C -- Rudder, Aileron, Elevator, Throttle. The Airtractor is set up using 4 Sub-Micro Servos and a Spektrum AR6100 Rx. Price: \$59.95

## SCRATCH BUILT ELECTRIC POWERED GLIDER:

Mark Higgins scratch built an electric powered glider. Wing is 79 inches (2 Meter) and is the one shown in the last newsletter. AG foam wing was cut by Glen Collins. He used lite ply for fuselage. It has a 400 motor which cost \$18. Multiple hatches on bottom to locate the battery in various positions. Carbon boom form Good Wind, who makes kites and cost \$20. Tail is built up.



### [GUPPY STOL:](#)

John Cheetham showed us a horizontal stab he made for a Guppy he is building. He showed how he capped the leading edge and put balsa caps where it is hinged. Capping the trailing edge of horizontal stab prevents warping too. He used gorilla glue to glue wood to the 6 mm depron. He doesn't paint the foam as much as he used too. He finds that you see a lot of marks when you use paint. Then you have to do a lot of filling and sanding. So now he prefers to use covering on the foam. Read more about John's Guppy in the [PRESIDENT'S CORNER.](#)



## SWISH:

John Seredynski brought in his new SWISH **electro** acro park flyer. He opened the box up for the first time at the meeting. He passed out the pieces so people could drool over it.



## PRESIDENT'S CORNER

(Jim Armstrong) :

### TWO DSC GAMBLER-AG FOR SALE:



The DSC Club has two gambler kits for sale/ with motor mount. Now is the right time to build one. **Cost is a bargain at a Club discount price of \$65. You save a lot because there is no shipping cost, a free motor pod is included from Allen**

**Wright, and clear covering is provided free.** Add it up and see how much you save. Go to <http://www.wrightbrothersrc.com/> for FMI on Gambler AG.

Video of Jack Pignolo's Gambler

<http://www.youtube.com/watch?v=BqDNK8iF2R0>.



### NEW BUILDING PROJECTS.

*Our Club is fortunate to have a bunch of prolific builders.*

#### **Ralph D'Amilio:**

Ralph has a RC Groups discussion on his V2 version of the T28 Cartoon Plane he has been scratch building. Here is what he said:

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V1 flew pretty well after I put ailerons on wing with a KFM 3 airfoil notwithstanding cold weather.

Here's prototype V2 DSFB with a paper covering. You can see the internal structure. The final version will having 2 mil vinyl covering with the paper removed only on the outside.

By the way, plane with is 2". Everything fits in nice n easy.





### JACK PIGNOLO:

Jack sent an update to the info below that was in the last newsletter.

*Previously: Hi Jim, I have attached several photos of my version of the Navy F7U Cutlass. It is not to scale, and I have taken several artistic liberties so, I renamed it the Switch Blade. Hope test fly it soon. With 400 sq." of wing area and gross weight of only 13ozs, it should go up like a rocket.....*

*Jack P.*

**Update:** Hi Jim, I can hardly wait get a flying video of this for you.

Color fabric marker pens, and fiberglass cloth make it all happen...No leds just sunlight, and prop wash....

Jack P.



## [JOHN EMERY'S FLORIDA PLANES](#)

Hi Jim

The red & yellow one is the Akro that I mentioned to previously. My newest one-the ugly stick. The last one is one I just bought-powered glider (sort of). Anyway, just let you know what I am up to. Btw, filed the club tax return. Guess we don't owe any money!! (Grin).

Take care.

P.S. Thanks for sending the pic of the snow disappearing!! I wasn't looking forward to shoveling my way into my home on the return on the 17th.



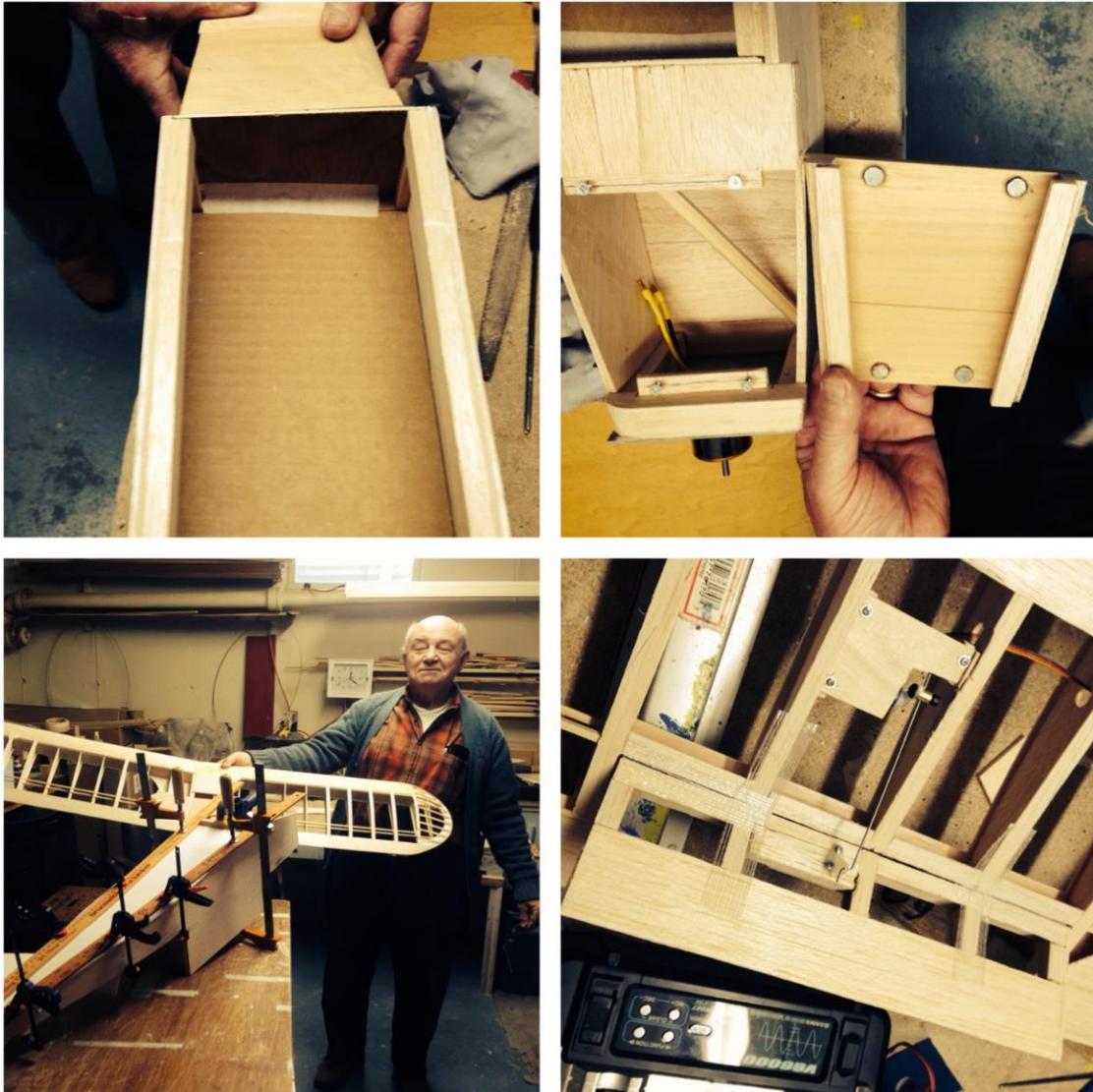
## [JOHN CHEETHAM](#)

John Cheetham is at it again.

John is building a STOL (Short Take Off and Landing) plane called the Guppy.

- One of the tricks that John uses to keep the fuselage square is to make a cardboard template to keep the sides square and parallel. You can see it in the picture.
- He used 4 magnets to hold the hatch on. He used 4 screws that he adjusts up and down to meet the magnets perfectly. See the picture.

- In the picture you can see John holding the wing before he cut out for the flaps. The Flaps are what give it the STOL capability.



### FORREST SUMNER:

Forrest Sumner completed his winter project “Pete ‘n Poke”. It came out fantastic. He will maiden it soon.

Take a good look at how the windshield is secured to the fuselage. Forrest made a windshield so he could design a couple of tabs in the windshield to make a real good connection to the fuselage. He used some of that clear plastic, that is sometime vaccum formed over items purchased at a department store. He made a template of the windshield and cut the base of it to exactly match the curve of the fuselage. The neat thing is that he designed in plastic tabs that are part of the windshield. Real solid connection.



[JOHN SEREDYNSKI:](#)

John Seredynski completed building his Flite Test F-22 Jet kit. He has flown it several times and it flies great.

## SLOW BOAT

Bob Berry competed his Slow Boat. I really like the color of it. In the picture you can see John Cheetham and Bob competing the final assembly. Bob is very pleased with how it flies and how it came out. He appreciates those that helped and guided him.



*Happy safe Flying,*

*Jim*