

President
Jim Armstrong
207-725-5758

Secretary
Mike Farnsworth
207-729-7290



AMA Club Charter #2988

Vice President
Glenn Collins
207-547-2030

Treasurer
Ken Baker
207-504-1464

<http://www.downeastsoaring.org>

September 2016 issue of the DSC's "Quiet Happenings" Newsletter

Downeast Soaring Club Upcoming Events

Event	Date	Time	Location
On Saturday 17 September, at the Bowdoin Field, we will have a DSC Meeting, Thermal Fun Fly get together, and open flying on a not to interfere with thermal rounds basis.	17 Sept. 2016	09:00	Bowdoin Flying field
DSC Business Meeting, Social and Show & Tell	October TBD	TBD	TBD
DSC Business Meeting, Social and Show & Tell	November TBD	TBD	TBD

Note: #1 Changes to a scheduled event will be announced by e-mail to Club members. Check your e-mail on the morning of the event to see if it has been cancelled for an unforeseen circumstance.

Minutes of 27 July 2016 Downeast Soaring Meeting:

MEMBERS PRESENT



Members: Mike Bergerson, John Curtis, John Cheetham, Jim Armstrong, Dick Rosenberg, Frank Bennett, and Kevin Karnes

Guests: 11 year old Peyton Young and his father Ray Young (see pics below) and Jan Paul JP Folkenroth (pic above, back row between Kevin and Mike). JP has a stepson Rick Hood who is getting into planes and copters, etc.



Peyton Young

TREASURES REPORT:

None.

SECRETARY'S REPORT:

None

OLD BUSINESS:

UPCOMING EVENTS:

We plan on continuing to cover Upcoming Events in the Old Business section of our newsletter. Members should keep their eyes open for any upcoming events and try to find out if any of the following are planned:

- BAM Swap
 - TBD
- Sanford Jet Rally and Model Expo:
 - September 8 to 11th 2016
 - See flyer at the end of this newsletter

Editor's note: Jim sent club members and e-mail reminding them of the Jet Rally, days before the event.

- Any other events?

NEW BUSINESS:

DSC DRAWING LIBRARY:

A plan from a Club magazine was pulled out and shown to members for checkout. Someone checked it out and will be made available to other members.

Editor's note: Whoever checked this plan out needs to let Jim know as he wants to build one?

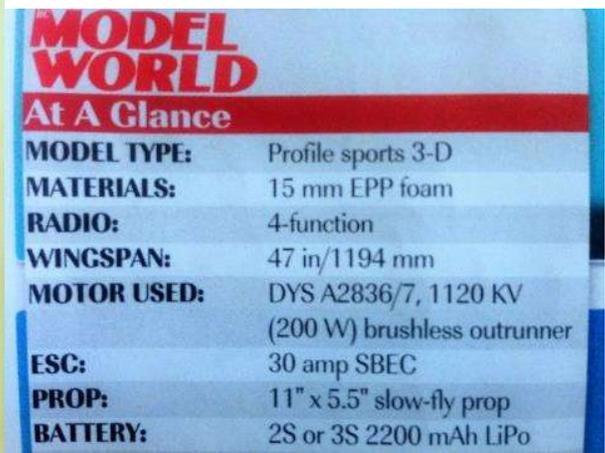


Zortayak-55
A 47 inch (1194 mm) span 3-D EPP 'shockie' for 200 watt brushless motors and 4-function R/C, designed by Mike White

MODEL WORLD At A Glance

MODEL TYPE:	Profile sports 3-D
MATERIALS:	15 mm EPP foam
RADIO:	4-function
WINGSPAN:	47 in/1194 mm
MOTOR USED:	DYS A2836/7, 1120 KV (200 W) brushless outrunner 30 amp SBEC
ESC:	30 amp SBEC
PROP:	11" x 5.5" slow-fly prop
BATTERY:	2S or 3S 2200 mAh LiPo

Design Considerations
I have built several foamy type shockies. But they have one thing in common and that is that they can only be flown indoors or in totally calm weather outside. I thought that it would be better to have a model that's a bit bigger and heavier so that it could be flown in the windier conditions we now seem to get when it is flying time.
I stayed at the R/C Hotel in Corfu a couple of years ago and watched some flyers doing great things with a 40 inch model built from EPP foam. Now, I know that it is not the plane that makes an impressive pilot but it does help you go a long way towards being one if you practice often and hard enough.
This Zortayak-55 model instead so because it represents a Yak-55 uses 15 mm EPP foam with some 2 mm carbon fibre rods as reinforcing where required (see Contacts). The wing is a Bet type with a doubler on the top surface at the leading edge, to make a Kline/Fogleson (stepped) type aerofoil (see the KPn2 illustration on the plan). The fuselage is two laminations of 15 mm EPP stiffened with a carbon fibre rod either side. The glue I used to bind the fuselage sides and wing doublers is Sikkatok Superspray. But if you use another contact glue be sure that it does not eat the EPP!
For the motor I used a DYS A2836/7, 1120 KV from Rikeboards and fitted an 11" x 5.5" slow-fly prop running from a 2S-3S 2200 mAh LiPo battery and a 30 amp ESC. It is advisable to use mini metal geared servos, TowerPro SG 90MG for instance



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DSC FREE MAGAZINE RAFFLE:

Each member was given an opportunity to take home a free RC magazine.



FALL CLUB MEETINGS:

When the weather is good, Club meetings will not be held at the Topsham Library. Members will be notified by e-mail when and where they will be. Since these meetings are outside, they are weather dependent. You probably won't get much notice because it depends on the weather forecast and other factors. So check your e-mail before you leave, because the event may have been cancelled due to weather or other reasons.

DSC RC YARD SALE/SWAP:

Jim mentioned, that the last of the large RC planes showed at the SWAP in April, was sold. Frank Bennett bought the Super Sports gas ARF for \$40.

ALES

Mike Bergerson mentioned that the club should have a Spring motor glider Fun Fly ALES (altitude limited electric soaring (ALES)) FUN Fly. He went over all the details. Members agreed. Mark Higgins and Mike really enjoy ALES.

SHOW AND TELL

FOAM TAC:

Kevin Karnes explained why he liked Foam Tac so much. In order that members get all the information why Kevin liked it, Jim took a video of him at the meeting. This video is being sent to all members. Very interesting.



LIPO BAG:

Jim brought a new Lipo bag design he just purchased. It's designed so you can easily carry a few batteries for flying session.

*RC lipo Safty Bag/Lipo Guard Bag For Charging large 235*65*180mm Description:*

*Item Name:RC Li-Po Battery Safety Guard Charge Bag Large 235*65*180mm*

Usage:For stopping and containing any fire caused by incorrectly charging or

poorly functioning lipo packs Features: - The safest way to charge and store your

lipos. - Protect your workshop, family and home from the hazard of lipo -The LIPO

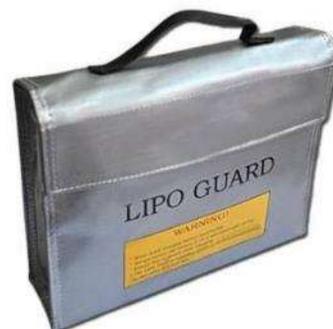
SAFE is intended to reduce the chances of damage o charging. - This is a fireproof

bag, designed to stop and contain any fire caused by incorrectly charging or poorly

functioning lipo packs. Warning: -Never leave charging battery unattended. -

Always ensure the battery is on a non-flammable surface. -Ensure flap is sealed

while charging.



PRESIDENT'S CORNER

(Jim Armstrong):



TIPS

I was reading a How To article at www.flyrc.com and noticed a comment about trying new things and thought of Kevin's show and tell in this newsletter. I'll plagiarize Tim Bailiff's comments here.

Crossover Tips & Tricks

Fly RC Staff August 8, 2016 How To's

This article was originally published in Fly RC's April 2016 issue.

By Tim Bailiff

Excerpt:

CONCLUSION

Hopefully I have presented some ideas that you will find useful. I should add that there may be several brands for some of the products I've mentioned. All are good, but some are better. Only your own experience will tell you which ones work best for you. Don't be afraid to try something different. There are many materials that can easily cross over and be used in our world of model aviation. Keep your mind open to change. Dare to be unique. Remember that with age comes experience, which leads to wisdom. Happy modeling my friends. Fun stuff.

Recommend that you go to www.flyrc.com to read the whole article. It is on the first page when you go to www.flyrc.com. Good tips and tricks. Pay special attention to the paragraph on Blue Foam Core.

Brown tail moth rash:

I asked Tim Martel to tell us about his recent incident with Brown Tail Moths. My son and I have had very bad cases of Brown Tail Moth rash, which lasted a week. We tried all kinds of lotions, which only worked for an hour or so. I'm now glad to know how to treat it in the future. Thanks Tim.

Here is what Tim said: As I mentioned to you yesterday, after dislodging my plane from a tree at the Bowdoinham Field last week, I started itching like crazy. Pretty soon, my left arm and side were covered in bumps that itched like crazy. I tried to relieve the itching with over the counter meds and nothing would touch it. I called my doctor at Martins Point and he told me that it was caused by Brown Tail Moths and that Kennebec Pharmacy at Mid-Coast Hospital had developed a spray that would get rid of it. He called over a prescription and it is relatively expensive and not covered by insurance, approximately \$43.50. Spray the affected area every 4-6 hours. Within 24 hours the itching stopped and I used about ¼ of the bottle.



FLYING:

- Several members and a guest flew recently.
- Peyton flew his Aero Champ at the meeting. He loves to fly his Aero Champ on floats.



BUILDING PROJECTS

LOCKHEED C-130 HERCULES

Dick Rosenberg scratch built a C-130 out of foam, balsa sticks, sheeting, fiberglass and anything else he could find. He did a great job completing this enormous project. Dick flew many aircraft as a pilot in US Airforce. This was one of them. I'm sure he will tell you that he learned a lot doing this project.

From the Webb: What the Herc's Done for 60 Years, Other Airlifters Only Dream Of. It can be said without fear of contradiction that the C-130 Hercules is one of the most important aircraft in aviation history. Since its first flight in 1954, the Hercules has been everywhere and done just about anything. Aircrews have flown it to both poles, landed or airdropped military supplies to hot spots from Vietnam to Afghanistan and performed countless relief operations around the globe.



SCRATCH BUILDING 118" ALES

From: "Mike Bergerson"

Scratch building 118" ALES wings from my plan. Carbon and balsa. Super lightweight and strong. Cutting ribs for a large tapered wing is tedious as some already know but the results are well worth it. The fuse is next... tbc. Mike



JOHN SCRATCH BUILT THIS PLANE

Unfinished picture was shown in last newsletter. This is what it looks like now.



JOHN CHEETHAM ASSEMBLED A ROBBE CANARD

68" wing, 3 cell 1300, D2836/8 1100 kv motor.

Yes it flies very fast.



JOHN CHEETHAM SCRATCH BUILT THIS FROM MODEL WORLD PLANS IT IS CALLED AND SPELLED LIKE THIS.

WET A WING



John had trouble with the scratch built wing so he tried an Old Timer wing. It still had trouble.. So he went back the one built by the plans. Guess what. It flies good now and nothing was done to it. Go figure?

JACK PIGNOLO'S TERRIFIC FRONT YARD SHEET FOAM ELECTRIC 26 INCH PLANE FEATURED IN MODEL AVIATION MAGAZINE.

Jack's Dream Stik is Featured in Paul Bradly's AMA Small Field Flying, August issue, page 73. Jack also mentions our Club Downeast Soaring Club and had our DSC web site listed in the article.



PLAYBOY (MODIFIED):

Jack Pignolo sent in the following interesting item:

The original air frame was built in 1981 from a Leisure Playboy Electric kit, by Roland Boucher of Astro Flight brother Bob.

It barely flew with the Astro Flight 05, 8 volt Brushed dc can motor. I have over 1000 flights on this model. I just replaced the 67.5" wing with a 78" wing from a larger PlayBoy that was built for me by John the R/C builder Cheetham. This new configuration has made an amazing increase in thermal performance. The PlaBoy is now a true Sailplane. It is a moldy oldy, a blast from the past!!!!



*Happy safe Flying,
Jim*