



BASS NEWS

The Baltimore Area Soaring Society Newsletter

Year XXIII, Vol.III, No. 6

"Information Provider to the Glider Guider"

July 2003

2003 Officers:

President

Don Vetter
[REDACTED]

Past President

John Appling
[REDACTED]

Vice President

Al DeRenzis
[REDACTED]

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Tony Guide
[REDACTED]

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Gary Sober
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At-Large Director

Al DeRenzis
[REDACTED]

Contest Director

Erich Schlitzkus
[REDACTED]

Web Master

Don Vetter
[REDACTED]

Newsletter Staff:

Editor

Randy Kleinert
[REDACTED]

Photographer

Bernie Sovitsky

The next meeting will be held on July 3, 7:30 PM, at Villa Maria or Ridgley depending on the weather.

MINUTES FROM THE JUNE, 2003 MEETING

Bill Cavanaugh -Acting Secretary

The June meeting was called to order at 7:40 p.m. at Villa Maria by VP Al DeRenzis in the absence of President Don Vetter. Bill Cavanaugh took the minutes in the absence of Secretary Gary Sober

The minutes of the May meeting as printed in the newsletter were approved.

Treasurer's Report

Treasurer Tony reported that we have \$264.58 in the LTRC account. Total income from the ECHLC was \$906. Expenses so far are \$338.65, but all have not been submitted. The \$250 deductible for the accident has been paid by LTRC.

Old Business

GENERAL

Al reported that the ECHLC was a good contest and he thanked all who helped out, including those who did not fly but came to help. He mentioned that of the four regional HL contests, only ours, the East Coast Hand Launch Classic, is sanctioned by the ESL.

Bill Cavanaugh noted that the June 7 Sovereign contest has been cancelled due to predictions of continuing rain and thunderstorms. We will try to reschedule

The 2-meter contest and annual picnic is still on for June 14. Hopefully it will not be rained out. The contest will be 2-meter with no spoilers or flaps. We will start at noon and fly until dark.

The Bald Eagles are flying on Wednesdays at Villa Maria at 1:00 p.m. when weather permits. There has not been much flying lately due to all the rain.

Heyward Macdonald confirmed that he and Sandy are moving to Charlottesville, VA in August, and thanked club members on behalf of Sandy for their support during her recent illness.

Russ Bennett will be ordering more Switchcraft plug & jacks at about \$7.00 per set. Anyone wanting these should contact Russ.

50/50 Raffle -

The 50/50 raffle was won by Al DeRenzis.

Show and Tell: Kevin Sharbonda showed his AEGEA 3-meter wing cores which cost about \$40. They were beautifully CNC cut by Les Horvath

The meeting was adjourned at 8:15 p.m.

BASS NEWS is a membership newsletter published 11 times each year by the Baltimore Area Soaring Society, a Gold Leader chartered club (#492) of the Academy of Model Aeronautics. Subscriptions are available via first class mail to non-members. Newsletter editors are welcome to reprint any article or portion of this newsletter provided that credit is given the author and BASS News. Article submissions are encouraged and should be submitted no later than the 15th of the month. We prefer submissions in either ASCII or Microsoft Word format, however other formats including printed or typed material are welcome. We reserve the right to edit any submission.

Al Flesher's Wright Flyer



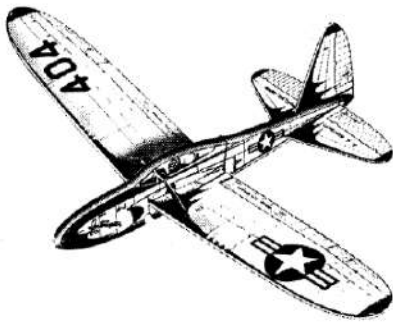
Here's something from the workshop of member Al Flesher - a rubber powered Wright Flyer which is ready for initial flight trimming. As a biplane, twin motored, pusher - canard, it will garnish an incredible number of FAC bonus points, which it will need because the motor sticks are a mere 4 inches in length.

As he always does, Al has really applied himself to this project including building a "micro" foam cutter for making flying surfaces. He has also discovered some very interesting information about the original ship which perhaps we can get him to share with us in a future BASS article.

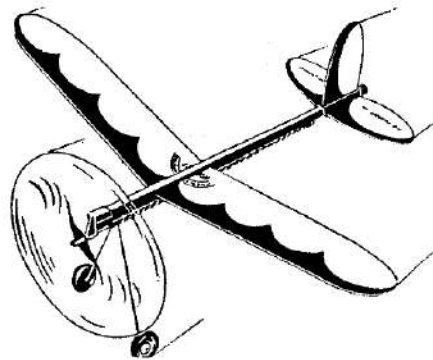
Way to go Al!

Do You Remember These Classics?

American Junior™
"404" INTERCEPTOR



A-J HORNET



Well, you found me out. Your editor is actually over 30 years old, and I used to fly these things as a kid. The great news is they are available again. Frank Macy of McMinnville, Oregon, is producing the Hornet, 404 Interceptor and some parts for Jim Walker's Firebaby, Fireball and Firecat u-control ships.

Frank is the Proprietor of American Junior Classics. He has some flyers and a price list. You can reach him at:



Information in the Modeling Press

Here is some information I have come across recently in the modeling press.

As an electric flyer with no formal electronics training, I always take a look at articles that offer clarification on this fascinating power source. First, from Bob Kopski's RC Electrics column in the August "Model Aviation", there is a discussion on the proper ratings for fuses used to protect out motors. Then, later in the column, Bob offers some description and explanation of voltage, current and wattage as they apply to planes and other things.

In the July "Quiet Flyer", (formerly "Sailplane and Electric Modeler") Stefan Vorkoetter takes on the topic of Electric Motor vs. Glow Engine in his monthly "Demystifying Electrics" Column. The section sub-titled "A motor is Not an Engine and a battery is not a fuel tank" is particularly well done.

The same July issue has a nice construction article on building a Right Angle Sander using hardware store aluminum angle stock. Here's is a preview picture.



Another bit of information comes from the June Issue of MicroFlight. News of a new sub-micro servo from Cirrus, the CS 5.4 (weight in grams without connector), dimensions: .8x.7x.3 in., advertised torque is 11oz at 4.8 volts and the price is \$25.00.

In the August Flying Models, FMA is advertising it's PS 20 which weighs .2 oz with 12.5 oz. of torque at 4.8 volts. Price is listed at \$22.95

Polo Field Reminder

BASS is very fortunate to have access to the Maryland Polo Field for contest and sport flying. The back field has a new set of goal posts. They are made in the old traditional way, with wooden slats. BASS members are reminded that the posts should not be moved. Also, be sure to keep the entrance gate locked.

Club Contest and Cookout

The June club contest was held at the Polo Field on June 14th. Following the contest BASS members, families and guests enjoyed great food and casual flying which included Hi-start and hand launch gliders, Zagis, and assorted electric gliders, sport ships and park flyers.

Al Flesher flew his recently converted Speed 400 Schoolboy which was featured in a BASS article several months ago. Although Al had done major re-working to permit the use of electric power, I could still smell a hint of nitromethane left over from the 1960's. Talk about nostalgia.

Joe Allulis had his Sig LT-40 along and it performed as good as it looked.

Many thanks to all the folks who showed up and helped out. This was great picnic and flying session, which we should do again next year.

Buy and Sell

All new JR radios;
JR 378 complete set with either 4 ballbearing 537 standard or two JR micro and the R700 very small slimline 7 channel receiver. Standard new set at \$290. and with micro servos \$305. Also 4 new 537 servos for \$75. Bernie

SHADOW, 2M fiberglass fuselage, wings balsa covered foam \$110 With 6 installed servos \$199. Mike Miecznikoski

SOVEREIGN CONTEST SCHEDULE

Bill Cavanaugh

The Sovereign One-Design contest schedule for the 2003 flying season is as follows:

July 26


August 9

Contests start at 11:00 AM. Please be there by 10:30 for set-up.

Contests will be held at Villa Maria and rules will be the same as last year. Last year's contests were relaxed and fun. There are a lot more Sovereign kits in the hands of BASS members than contestants last year. So if you haven't yet finished building your Sovereign, you still have time to do so.

CLUB FLYING OPPORTUNITIES

Wednesdays, 1:00 PM, Villa Maria

The BASS "Bald Eagles" gather at Villa Maria on Wednesdays to fly gliders and electrics. Contact Bill Cavanaugh for details: 

Thursdays 4:30 PM, Polo Field

Come out and enjoy the flying, fellowship and the scenic surroundings at our Polo field site. Visitors and student pilots are welcome. As with all our activities, gliders and electric ships are welcome.

Indoor flying at the Bykota Senior Center in Towson is over for the summer. Flying will resume in the fall.

On July 26th, the Loudoun County Aeromodelers Association is holding their 4th annual Electric Fly In. See page 177 of the August AMA magazine for details, contacts etc. Your editor attended two years ago and had a great time.

**Reader Input Needed
Randy Kleinert**

Your editor is in dire need of articles for the newsletter. Several members have been very generous with their time and provided articles about the pet projects, construction techniques etc. That's great, but we need more to fill the pages of our newsletter. Why not let the rest of us know what you've been up to. Drop me a note - email, typed or longhand, it matters not. A photo or drawing or two would be good too. Prepare yourself to gain instant fame and untold wealth as a published author in this great mag.

To get things rolling, I'm going to go out on a limb and presume folks might want to know about my HLG activities. I've been flying a discus ship for about a year and it's getting pretty ratty looking by now, but its been a helpful learning tool and a great deal of fun.

Recently I added flaps to the wing. Retro-fitting flaps on an existing wing is not a pretty sight, but pictures 1 through 3 (page 6) show the concept. Using the bottom skin as a hinge, I cut the flaps loose on the ends, and top and coupled them together with a "U" shaped wire which is housed in an aluminum tube. The servo is mounted almost ahead of the carbon fiber spar. (Photo # 1). Photos #2 and #3 show a "Worms Eye" and "Birds Eye" view respectively of the flaps fully deployed.

So why go to all this trouble with an old ship like this? Well, it's thermaling ability is improved and there is a dramatic improvement in the ability to get the ship down quickly without building up excessive speed.

It's time for a re-build. I've decided to stick with a poly wing, utilizing flaps. I'm going to increase the tail moment and decrease empanage area slightly, still trying to maintain the handling characteristics I love about this ship. Photos #4 and #5 are the mold and pod halves I've developed to replace the balsa/1/64 plywood/glass pod I began with. The wood pod was bigger in cross section (bad!!) than a glass pod and heavier (not too bad considering it's up front and the plane needed nose weight anyway) but man was it strong and easy to repair (very good!!). I reasoned that there was a big learning curve to discus launching. Interestingly, I don't recall ever planting the ship as the result of a bad launch, but I had a number of structural failures on launch with landings like a lawn dart. That wooden pod has survived.

Well, there it is, Randy's Excellent Discus Adventure to date. Let me know if you have questions. Better yet, don't be



Photo # 1



Photo # 2

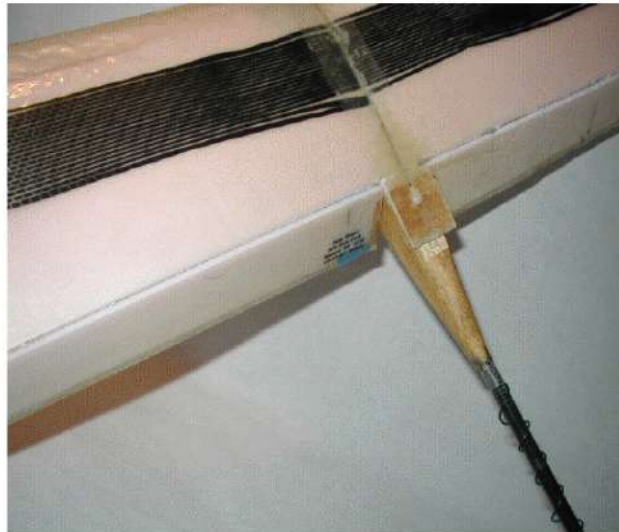


Photo # 3

Photo # 4

Photo # 5



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Baltimore Area Soaring Society

2003 Membership Application

Full memberships are \$30.00. Junior memberships are \$12.00, and associate memberships are \$18.00. If you would like to join BASS, or have not renewed, please take a moment today to write out a check and send it in along with a copy of this application. Please complete all information.

2003 promises to be another award-winning year for BASS. Be part of it!

Personal Information

NAME: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____

PHONE (WORK): _____ PHONE (HOME): _____

AMA NUMBER : _____ (Valid 2003 AMA Membership is required)

LEAGUE OF SILENT FLIGHT & LEVEL (if _____

PRIMARY RADIO FREQUENCIES USED: _____

PRIMARY PLANES FLOWN: _____

NAME OF SPOUSE OR SIGNIFICANT OTHER: _____


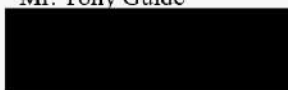
E-MAIL ADDRESS (IF AVAILABLE): _____

Signature: _____

In what areas of the club would you be interested in becoming involved? _____

How can BASS help you? _____

Please return this application with a check or money order payable to BASS.

SEND To:  Mr. Tony Guide


BASS EVENTS

July	3	7:30 PM	BASS Meeting, Villa Maria
July	19	10:00 AM	Monthly TD Contest Villa Maria
July	26	10:00 AM	Sovereign One Design Contest Villa Maria
Aug	7	7:30 PM	BASS Meeting, Villa Maria
Aug	9	10:00 AM	Sovereign One Design Contest Villa Maria
Aug	16	10:00 AM	Monthly TD Contest Polo Field
Sep	21	10:00 AM	Monthly TD Contest Polo Field

BASS Meetings during the summer are held at Villa Maria, weather permitting. Otherwise, at Ridgley Middle School

From 695, North on York Road. Right on Ridgley Road (Lincoln/Mercury dealer on corner) At first light turn right on Charmuth

BASS Contests start at 10:00 AM unless otherwise noted. All skill levels are encouraged to attend. Be at the field 1 hour early to help set up contest. Fun flying after events. Spectators and

SOARING SCENE

July	12-13	DBSF Reading, PA
July	19-26	AMA / LSF NATS
Aug	2-3	SKSS 2 Newark, Delaware
Aug	9-10	CRRC Soar-In Sudbury, MA
Aug	23-24	South Jersey Marlton, NJ
Sep	6-7	CASA Open Warrenton, VA
Sep	14	South Jersey HL Marlton, NJ
Sep	20-21	LISF Long Island, NY
Sep	27-28	CASA HLG, Rockville, MD
Oct	4	ESL End of Season, Reading, PA
Oct	10	DESS HLG XC Wilson, NC
Oct	11-12	DESS HLG Wilson, NC

*** Denotes Eastern Soaring League (ESL) sanctioned event.**



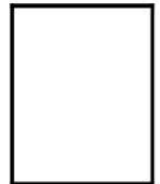
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First Class Mail