



### From the Front Seat

Steve Beste, President

**R&D?** Us? About the only research & development most of us do is to try to find a supplier for some obscure gizmo on our aircraft. And yet, it's in our by-laws: "Promote and encourage grass roots efforts relating to aviation research and development." And to my surprise, the club **is** doing R&D. Read on...

**DARPA parasail idea.** A friend of mine is a defense contractor for DARPA, working as a program manager. DARPA is the Defense Department's skunk works for OSD and executes R&D on cutting edge-innovative technology about 10 years out. I brought him to the last club meeting, thinking he was interested in maybe taking up PPGs. But no. His interest was professional. He wanted to apply our PPG crew's experience to a DARPA idea. Some of his colleagues are working on technology problems associated with a parafoil's wind-penetrating capability. If they are successful, the increased capability would open up parafoils' utility, enabling missions that are not currently imaginable. For example, a parafoil might be part of an autonomous all-weather delivery system for troops on the side of a mountain that are cut off from logistics. So far, a company called Paradyamics has demonstrated 100 mph specialized wings and 50+ mph on standard wings such as the ones we fly. My friend was skeptical going into the meeting and even more so coming out of it as to a parafoil's utility due to handling at takeoff. Hearing Michael and Jeff talk about PPG takeoffs, my friend figured there might be a problem in getting a parasail kited up under the conditions DARPA has in mind. (Do you think?) He was grateful to talk with some guys who have hands-on experience with parasails. He left with a plan to put his colleague in touch with Michael for a little real-world reality check on this idea. Club 1 R&D at work!

**Ultralight acoustic sensor.** You'll remember that last year about this time, we were contacted by two companies that were bidding on a Homeland Security contract to sense ultralights bringing drugs over the Mexican border. Lloyd Peterson flew some patterns for them so they could test their sensors on a real ultralight (loosely defined). I then sent them to Ron Dixon, the trike instructor in Amherst, for some testing with trikes. More Club 1 R&D.

**SFRA intrusion exercise.** I just heard from a lady at MIT who's looking for three or four "ultralights" to fly some test incursions into the Washington SFRA next November as part of the military's regular tests of their detection abilities. (She promises that they won't shoot you down. But then, she says that she herself will be in Cambridge on the day, so you're on your own, Bucko.) The sponsor is DoD, via something called the Joint Integrated Air and Missile Defense Organization. Here's the plan:

- Three or four aircraft
- Trikes or something like a Phantom / Flightstar / Hurricane. Maybe Dick Martin's Allegro
- Tests will be going on during one week next November.
- You'll be asked to make a flight of half an hour to two hours out of Quantico around a course of GPS waypoints. Just regular flying. Nothing especially high or low or weird.
- Bear in mind that there aren't many places to land near Quantico. It's all woods, river, or subdivisions, so you would be flying over hazardous terrain.
- Each aircraft will probably make just one flight, different aircraft on different days.
- The lady seemed supremely confident that she could get the FAA to waive the usual SFRA transponder requirement.
- An aircraft radio would probably be required, though she might supply one.
- You could probably fly into Quantico the evening before and do the test flying early the next morning. Or vice-versa.

Interested in doing this bit of R&D? Let me know. She would like the names of likely pilots and some description of their aircraft by May 15<sup>th</sup>.

Fly safe,  
Steve



## Check Your BRS parachute deployment handle!

Here's a safety tip. Is your BRS deployment handle stuck? Frozen? Once a year disassemble it from the rocket and check it out, lubricate properly, etc. People have found several stuck and frozen in position.

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## Club Website Has New URL: [www.flyingclub1.org](http://www.flyingclub1.org)

Our old website hosting company has gone out of the business, forcing us to go elsewhere. As part of the shift to GoDaddy.com, we have a new website URL. The old one will still work for a year. But set your bookmarks to the new one.

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## New on the Website

- Tom Richards has contributed his story. Look at <http://www.flyingclub1.org/resources/resources.php>.
- Cuba Gonzalez' Hedge Hopper video is in the same place.
- Pat Tyler's triking video is there, too.
- A link to Steve Beste's photo albums is there.

Shouldn't your story be there, too? Send your link to Steve Beste.

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### The Volunteer Sign-up Sheet Is on the Website

Find out what you volunteered for!  
Click *Volunteer Sign-up Sheet*  
on the sidebar.



# MEETING MINUTES

## March, 2011 Minutes

### USUA Flying Club One

Thursday, March 3, 2011

Centreville High School Library

Centreville, VA

### Selling 50/50 tickets before meeting

### Call to Order

*President Steve Beste* called the meeting to order at 7:40 P.M.

17 members present.

## CONNECTIONS

### Visitors & New Members

Visitor **Richmon Thomson** is looking into flying light aircraft. He works for DoD on special ops aircraft.

**Carolyn Barley** from Port Royal, VA dropped in with questions about flying, training and whether to start with a PPG or Ultralight?

**Sam Bingham** also stopped in for a visit.

### Old members

**Richard Martin** told us about a new hand held GPS/ Locator /Transmitter hi-tech toy called SPOT. A battery-powered device, the size of a wallet, that sends your position whenever you want (timed) and to whomever you want (transmits to your programmed numbers). It will also immediately summon help in an emergency SOS. Cost about \$300 with all the services.

## IN NEED OF

Looking for an airport with cheap fuel? According to Flying Magazine, the best price on the East Coast is Suffolk Executive

Airport (SFQ), Suffolk, VA. This was confirmed by some of the members.

## SERVICE PROVIDERS

Recap our standing list of service providers:

- PPG instructor and dealer:  
**Michael O’Daniel**
- Fixed wing instructor: **Chuck Tippett**
- Welder: **Tom Kotsch**
- A&P mechanic: **JD Ingram**

## REGULAR REPORTS

*Secretary: Jim Heidish* reported February Minutes are in the March Club Newsletter and approved as published.

*Treasurer: Jim Birnbaum* reported February Income: \$336.00, Expenses: \$0.00, The Flying Club 1 Checkbook Balance: \$2355.80.

*President: Steve Beste* said said that he is working on updating our website and needs photos/images of members aircraft. Best to send a jpg of your aircraft to Steve’s email. Also if members have any suggestions for making the site better, let him know.

*Safety and Training Director: Dave Riedel* - not at meeting.

*Membership Director: Jim Birnbaum* reminded members that if they do not pay their dues they would be dropped from the roster and no longer receive the newsletter. Active membership is at 55.

*Warrenton Air Park Owner: Tom Richards* reported that most of the aircraft flying are PPGs and Bob Breedon in his BIG wheel Super Cub. Both can get around without making tracks in the soft field. The Skydivers are back, but flying out of Warrenton/Fauquier

and dropping the divers above the Airpark. They will be flying out of the Airpark when the field is dry. The hanger progress has hit a snag! Because a bad tempered person told the County that Tom was building hangers without a permit, he now has to take all the red tape of dealing with the government.

*Clothing Sales:* **Pete Bastien** - nothing special to report.

### **Old Business**

Jim Heidish stated that we are still having problems with USUA communications, updates and membership renewals. USUA members need to use their own incentive to renew online or to get a mail form and address (P.O. 38, Greenville, IL 62246) from Ultraflight Radio—the outfit that is trying to keep USUA operating). As we all agree, the only benefit of USUA membership is the (member only) third party insurance from First Flight.

### **New Business**

**Steve Beste** said that we should not have members procrastinate on paying their dues until the year is half over and asked the membership if we should change the bylaws to have more incentives to pay up earlier. The suggestions that Steve will take to the Board of Directors are: Old Members will pay full dues no matter when they pay them within the year. New Members can pay half dues if they join after the first 6 months.

### **MONTHLY PROGRAM**

Our Powered Paraglider instructor **Michael O’Daniel** and PPG members presented an outstanding program. Their very beautiful DVD is a testament to PPGs and why so many people love flying that way.

**50/50 Drawing:** Winner was **Tom Richards**

### **Adjourn**

*President Steve Beste* adjourned the meeting 9:05 P.M.

Submitted by **Jim Heidish**, *Secretary*



# ACTIVITIES

## 2011 FLYING CLUB 1 ACTIVITIES SCHEDULE

Designated Club meetings will be held the first Thursday of each month in the Centreville High School, Union Mill Rd., Centreville, VA, at 7:30 PM. Others will be held at 11:00 AM at the Warrenton Airpark as shown in the 2011 schedule. Changes in time or location will be posted in this newsletter and on the Club website.

### 2011 Club Activities Schedule

Date	Activity	Location	Description
Thur, January 6th, 7:30PM	Club Meeting	<a href="#">CVHS</a>	<a href="#">Standard Agenda</a>
Thur, February 3rd, 7:30PM	Club Meeting	<a href="#">CVHS</a>	<a href="#">Standard Agenda</a>
Thur, March 3rd, 7:30PM	Club Meeting	<a href="#">CVHS</a>	<a href="#">Standard Agenda</a>
Sat, April 2nd 11AM	Club Meeting	<a href="#">WAP</a>	Club meeting and cookout at Warrenton Airpark
Sat, May 7th, 11AM	Club Meeting	<a href="#">WAP</a>	Club meeting and cookout at Warrenton Airpark (WAP)
Sat, May 21st • 10AM - Memorial ceremony • 11AM - Club meeting	Memorial and Club Meeting	<a href="#">WAP</a>	Memorial ceremony and cookout at Warrenton Airpark (WAP)
Sat, June 11th • 7AM - PPG Poker Run • 9AM - Airplane & Trike Poker Run • 11AM - Club meeting	Club 1 Poker Run and Club Meeting	<a href="#">WAP</a>	Club 1 Poker Run and Club Meeting at Warrenton Airpark (WAP)
Sat, July 9th, 11AM	Summer BBQ and Club Meeting	<a href="#">WAP</a>	Monthly meeting and Summer BBQ at Warrenton Airpark (WAP)
Sat, August 6th, 11AM	Club Meeting	<a href="#">WAP</a>	Monthly meeting and cookout at Warrenton Airpark (WAP)
Sat, September 10th, 11AM	Club Meeting	<a href="#">WAP</a>	Monthly meeting and cookout at Warrenton Airpark (WAP)
Sat, September 17th or 24 <sup>th</sup> TBD	Club 1 Fly-out to Trikefest East at Shreveport North (62PA)	<a href="#">WAP</a>	Club1 Fly-Out from Warrenton Airpark (WAP)
Sat, October 1st	Club 1 Fly-in and meeting	<a href="#">WAP</a>	Monthly meeting, Club 1 Fall Fly-In and cookout at Warrenton Airpark (WAP)
Sat, October 29th	Club 1 Color Run Fly-Out	<a href="#">WAP</a>	Club 1 Color Run Fly-Out at Warrenton Airpark (WAP)
Thur, November 3rd, 7:30PM	Club Meeting	<a href="#">CVHS</a>	<a href="#">Standard Agenda</a>
Sat, December 10th, 4:30PM	Club Meeting / Holiday Party	<a href="#">WAP</a> Club House	Monthly meeting and <a href="#">Holiday Party</a> at 4:30PM

## CLASSIFIEDS

Ads will be run twice and then dropped unless resubmitted, or renewed by telephone or e-mail. Please advise the editor: **Autumn Aceto** ([alaceto@gmail.com](mailto:alaceto@gmail.com)) when the ad is no longer needed.

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**FOR SALE — Zodiac 601 XL ( 650 XL) partially completed kit.** Kit includes Constructed Tail Surfaces and Fuselage, to include Landing Gear with Wheels and Brakes, Dual Brake Peddles kit, Dual Control Stick kit and Instrument Panel. The wing kit and engine is needed. The wing kit is available now pre-drilled. It The plane will take a Rotax 912S, Jabiru 3300, Continental 0200, Lycoming 235, Corvair or VW conversion engines. All documentation and registered plans are in the package. Asking \$7500 or best offer above \$6000. Note this is a Light Sport class aircraft. It is available built, IFR Certified at Southeast Light Sport for \$99,900. (SouthEastLSA.com). See <http://www.zenithair.com/zodiac/xl/> for details of aircraft.  
Contact: Larry Walker, 540-347-7609

Flight Test Report: Steve Flattum flight tests the Zodiac and reports:  
*“The CH 601 XL / CH 650 family of airplanes are a delight to fly. Simple and easy to fly with a great view and they are very comfortable for long flights. The airplane is very strong and it is backed by a company that has been around for a very long time.”*

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### Editing – Proposals, Technical, Advertising...

Since I am again working as a freelance editor, I’m looking to expand my client base. My largest client is LMI, based out of Tysons. For those who are familiar with this non-profit government contractor, you know their excellent reputation for well-edited documents.

Please contact me at:

Autumn Aceto  
703-244-7349  
[alaceto@gmail.com](mailto:alaceto@gmail.com)

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## **MEMBERSHIP DUES POLICY**

The period of membership follows the calendar year—January through December.

The renewal period starts on 1 October with regular dues at \$20.00 and family at \$25.00.

Members who have not paid their dues by the end of February will be dropped and will not receive the Newsletter or Membership Roster. New Members joining from 1 July through 30 September will be charged \$10.00. New members joining after 1 October will be charged \$20.00 or the family rate, if applicable, and will be credited with full membership for the following calendar year.

Please mail payments to USUA Flying Club 1, 8570 King Carter Street, Manassas, VA 20110.

Payment can also be made at the regular monthly meeting. Please include the 2010 Membership Application form with your payment. This will be used to ensure that our records are current. A copy of the membership application is attached and also printed at the end of the Newsletter.

Jim Birnbaum  
USUA Flying Club 1,  
Treasurer

## FLYING CLUB 1 MEMBERSHIP APPLICATION – 2011

All members are encouraged to provide an e-mail address to the Club. It is our best means for fast communications with a large number of Club members in minimum time. We welcome you to USUA flying Club 1 and hope your membership will be rewarding to you in flying and fellowship.

\*Name: \_\_\_\_\_ New \_ Renewal \_ Regular \_ Family \_\_\_ Membership

\*Street or PO Box: \_\_\_\_\_

\*City: \_\_\_\_\_ State \_\_\_\_\_ ZIP

\*Telephone(H) \_\_\_\_\_ Telephone (W) \_\_\_\_\_

\*Spouse's Name \_\_\_\_\_ \*Name to go on your name tag: \_\_\_\_\_

Emergency Contact: Name: \_\_\_\_\_ Phone: \_\_\_\_\_

To Receive Your Newsletter By E-mail, Enter Your E-mail Address: \_\_\_\_\_

\_\_ Check if you have No Email

\*USUA Member: Yes \_\_\_ No \_\_\_ If yes, enter member number: \_\_\_\_\_ USUA Pilot: Yes \_\_\_ No \_\_\_

\*UL Registration # \_\_\_\_\_ \*Aircraft Liability Insurance \_\_\_\_\_

Type Aircraft Stored/Flown from Warenton Air Park: \_\_\_\_\_

Other Ultralights (Owned or flown) \_\_\_\_\_

Flying Hours: Dual UL \_\_\_\_\_ Single UL \_\_\_\_\_ Conventional \_\_\_\_\_

\*Club Activities or Services for Which You Volunteer \_\_\_\_\_

(NOTE: References to Ultralight aircraft above include Ultralight-type aircraft). Starred must be completed. Mail application to the Club 1 Treasurer, Jim Birnbaum, 8570 King Carter St., Manassas, VA 20110, accompanied by dues for regular (\$20) or Family (\$25) membership for a full year or \$10 and \$12 (Family) for the period 1 July through 30 September. Payments after 1 October should be for the full rate and the member will be credited with membership for the following calendar year. NOTE: Information from this application will be included in the Club 1's membership roster intended for internal use only. (\*Roster \_\_\_ E-mail \_\_\_ USMail \_\_\_ Name Tag \_\_\_).

To join USUA Flying Club #1, fill out *the above form and send to:*

Jim Birnbaum, Treasurer  
8570 King Carter Street  
Manassas, VA 20110-4888  
USUA 1 Website: <http://usuaclub1.org/>

*Check or Cash. We cannot accept credit cards.*

To join the national USUA, go to <http://www.usua.org/>

## USUA FLYING CLUB 1 GENERAL INFORMATION

The United States Ultralight Association's Flying Club 1 is a nonprofit, recreational club dedicated to the sport of ultralight and light sport aircraft flying.

### 2011 CLUB OFFICERS & DIRECTORS

President: Steve Beste 703-321-9110  
Vice President: Dick Martin 703-242-2367  
Secretary: Jim Heidish 703-524-5265  
Treasurer: Jim Birnbaum 703-361-7478  
Director and Past President: Len Alt 703-945-9314  
Director At Large: Dave Riedel 703-815-4924  
Director At Large: Larry Walker 540-347-7609

### 2011 CLUB VOLUNTEER STAFF

Safety & Training: Dave Riedel 703-815-4924  
Membership: Jim Birnbaum 703-361-7478  
Club Artist: Jim Heidish 703-524-5265  
Librarian Dick Walker 202-363-4546  
Newsletter Editor: Autumn Aceto 703-655-4137  
e-mail: [alaceto@gmail.com](mailto:alaceto@gmail.com)  
Web Master: Greg Palmer 703-912-3774  
PPG Web POC Par Karandikar 703-201-8909

*A club is only as good as the members who volunteer to support its activities. The following listed activities with the club require member support in varying amounts. Please indicate on your membership application the function(s) (can be more than one) you will support as a Club member. All active Club members are expected to participate. However, members who live some distance away and cannot attend meetings regularly may prefer to support functions associated with Club weekend activities.*

**ANNUAL DUES** (Jan 1 - Dec 31) \$20.00. (Includes newsletter.)  
Family membership: \$25.00. After July 1, dues for remainder of year are \$10.00. Family membership: \$25.00 (husband and wife). (A spouse who wishes to participate will please complete a membership application form.)

**NEWSLETTER SUBSCRIPTION** (without membership) is \$10.00 per year.

**CLUB WEB SITE:** <http://usuaclub1.org>. Note the change in web site. Flying Club 1 now has an officially registered name on the internet.

**MEETINGS** are at 7:30 PM on the first Thursday of the month at locations announced in the Club newsletter and on the Club web site. (Times and days may vary. check the newsletter and/or the website.)

**SUBMITTING ITEMS FOR THE NEWSLETTER** Members and non-members are encouraged to submit items for this newsletter. Send submissions to Autumn Aceto, 9595 Sherburne Farm Rd, Marshall, VA 20115. E-mail is shown at left. Deadline for entry of items into the newsletter is 10 days before each meeting.

**Club Management/Administration:** Club Officers (elected, Directors and Staff). (Talk to current officer for more detail.) *Fly-ins:* Food supply, preparation; Facilities; Grounds; Ground Support. *X-country & outside events:* ground support. *Safety & Education:* Flight Safety & Training, New Member Mentoring, Library, Monthly Program Development. *Communications:* Membership, Newsletter, Web Site. *Fund Raising:* 50/50 Raffle. *Miscellaneous:* Meeting Facilities, Property Management, Clothing Sales, Tool Custodian, Ad Hoc Committees.

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**"If you are interested in joining the U.S Ultralight National Organization go to their Website for membership information at: <http://www.usua.org/>"**