



## FROM THE LEFT SEAT

Len Alt, President

Early January was relatively kind to us in terms of opportunities to fly. I personally got in a couple of great flights and saw several others flying as well. This time of year we take what we can get in terms of flyable weather. As flying activity at the air field slows with the

increasingly cold weather it's good to see the continued progress with the hanger construction projects. Tom, with the help of several of our club members, has completed

erection of the roof trusses and stringers. Next on the list is installation of the roof. When completed the new hanger will house as many as eight additional aircraft.

I know Tom is still looking for individual volunteers who have a few spare hours to contribute toward construction.

Please take the time to read Dave Riedel's report on options to purchase a utility

vehicle for use by club members at the air field. Dave has done a lot of research and has some great options. The Board of Director's will decide soon on which, if any, options to pursue and needs feedback from the membership on this potential expenditure.



We have finalized our club activities schedule for next year. We need some volunteers to step forward and sign up to lead each of these events. Please help the club if you can.

The first event on our calendar for 2007 is an trip to the Steven F. Udvar-Hazy Center on February 10th. It is the companion facility to the Air and Space Museum on the National Mall, and is an outstanding aviation museum. We plan to meet at the Centreville High School parking lot at 10:00 A.M and proceed to the museum. Please join us with your families for a great time.

Fly smart. Fly safe.

# ADVISORIES

**January Meeting** - Our January meeting was held in the Centreville High School Media Center/Library, as are all our cold weather meetings.

President Len opened the meeting, inviting reports on flying activities for the last month. After reports of flying, most of the discussion centered about the use of auto gas with ethanol and the problems it was causing in our engines. Jim Willess noted that FAA had revoked the STC on use of autogas containing ethanol.

Jim then went on to bring us up to date on the status and schedule regarding conversion to Sport Pilot and the related training.

A motion was made and passed by those present to purchase an updated copy of COM 1, the radio communication training program.

Secretary Lew Clement reported that our membership as of just before meeting time was 82 members. He believes this number represents an all-time high. We have 32 '07 members and 50 '06 members. He then reminded everyone that '07 dues are due.

Treasurer Jim Birnbaum reported that our expenses for the month of January were \$581.93 and our receipts were \$205. Our total assets were \$4,673.52.

Larry Walker thanked Kim Alt for her outstanding job in hosting our Holiday Party. His words were seconded by a rousing round of applause from all present. He also thanked Tom Richards for allowing us to use the Club House (now his residence) for the party. The atmosphere there was so much warmer than at the Legion Hall, site of last year's party.

Tom Richards reported on progress of the construction of the new hangars.

Len reported on the election of Club Officers held at the meeting last month. Pete Bastien was elected as Vice President and Jim Birnbaum re-elected as Treasurer for the period -2007-08.

He also reminded on how important member support of Club activities is, reporting on the volunteer service recognition given to members annually. This year, the Directors' Award recognized Lew Clement "for unique and extended service to the Club by a Club member". The Volunteer of the Year Award recognized Tom Richards "for continuing and outstanding volunteer service to Flying Club 1 by a Club member." The Volunteer Service Awards

"recognized continued volunteer service by Club members for the Club." They were awarded to Pete Bastien, Jim Birnbaum, Dave Riedel, Jerry Starbuck and Kim Alt. Congratulations and thanks to all our hard-working, devoted volunteers. They are what make the Club a success.

Len pointed out the 2007 Club Event Schedule, printed in the January newsletter. Club members had expressed their desire that more of our events be held on Saturday, rather than Sunday. Sundays would become our rain dates, if needed. We now need volunteers to head each of these events. Please contact Len if you would like to help out. Don't feel you have to do it all yourself. There will be other members who will volunteer to help you. Just remember, please, that none of these events will operate by themselves.

Jerry Starbuck asked that he be replaced as our Clothing Sales manager. Member Phil Hyland volunteered to replace him. Thank you, Phil!

We have talked about making a Club visit to the Udvar-Hazy Annex to the Air & Space Museum at Dulles Airport. We decided to make that visit on Saturday, February 10. We will meet at the Centreville HS parking lot at 10 AM and consolidate in as few cars as possible. The entry fee is actually a parking fee by the car, regardless of the number it contains. Hope to see you there.



The immense main hangar at Udvar-Hazy.

### 2006 Club 1 Members

Your membership expires on January 1, 2007. **NOW** is the time to renew your membership! See the 2007 membership form on the inside of the rear cover of this news letter. Mail it to the address at the bottom of the form with the appropriate membership fee.

## Proposed Club 1 Utility Cart

As was decided at the November meeting, I did some research on finding a utility cart for the airpark. This utility cart would be parked near the circle and whenever anyone needed to go to a hangar or haul something from their vehicles or to go to the hangars across the runway they could use the utility cart. It will be an invaluable asset for the fly-ins also. With the No Driving rule on the airpark grounds and the addition of the additional hangars, I propose that it would be useful for those that rent hangars, PPG pilots, and Tom to run around the airpark. I had borrowed a John Deere Gator for the fly-in last June and it helped out tremendously; Len can attest to that too.

Here is what I've found. I know we have limited funds, but I want to get something that is in running condition. I didn't want a project that we had to rebuild and put in additional money just to make it serviceable. If a Club member wants to enhance it by painting or adding some "bling" to it in the future, that's fine; we just need it operational from the start. What I've found also is it could be run by an electric or gas motor. There are "goods and others" for both types of engines. An electric cart costs less initially, runs quieter, and has less maintenance, but since we're buying a used cart and the life of the batteries is unknown, replacing 6 batteries could cost as much as \$650. Gas motors cost a little more initially, require a little more preventive maintenance, and obviously need gas, but they are not limited on running time [electric would last roughly 30 miles...how many trips around the field, I'm not sure] and most of us know how to work on a Briggs & Stratton motor.

With those two criteria [low cost and operational] I did a lot of searching and web surfing. I discovered that a 4 wheel drive John Deere Gator, Kawasaki Mule, Polaris Ranger, etc. are way out of our price range at \$4000 and up. I even watched 5 on eBay and even before their auctions were closed, they were all over \$3500 and up to \$7000 at closing time. So I changed my search to used golf carts, mostly made by EZ-Go and Yamaha. I visited two places in Harrisonburg. I was looking at a basic golf cart [2 passengers] that has a box on the back instead of the place for the clubs. There are some

pretty wild rigs out there, for a lot of money! What we could get is either electric or gas, used [late 90's early 2000's], with a box or a seat that flips down to make a platform for \$2500. One place said if we got the electric cart and tried it and it didn't work out, he would just charge us a rental fee for the time used and we could trade it for a gas cart. Both places have quite a few on hand with a fairly fast turnover rate.

I've looked at a lot of sites from a lot of places [even "Craig's List"] and I recommend one of these two places. The first is Valley View Golf Carts at [www.ValleyCarts.com](http://www.ValleyCarts.com) and the second is Virginia Golf Carts at [www.vagolfcars.com](http://www.vagolfcars.com). Take a look at the sites. Again, there are some really cool and fancy carts, but check out some of their basics to get an idea of what we could afford. Len would like input on this proposal at the February meeting.

Fly safe,  
Dave Riedel



The Enola Gay at the Udvar-Hazy Museum



The Lockheed P-38 "Lightning"

## HOW LONG HAVE YOU BEEN A MEMBER?

I think it might be interesting for us all to know which current Club member has been a Club member the longest. So the question is: which of you has been a Flying Club 1 Club member, continually, the longest? E-mail me the date you joined and I'll publish it, probably in the March newsletter. Question 2: Which member of Flying Club 1 has been a continual member of USUA the longest? For this, you need only look at your membership number.

If you are the senior member in either category, I may ask you to tell us something about Flying Club 1 when you first joined and, also, anything you might remember about USUA as well.



Winter at the Warrenton Air Park, 2005



The WWI Nieuport Fighter



The Winnie Mae, a modified Lockheed Vega, in which Wylie Post circumnavigated the world in 1931 and 1933.



Baby, It's Cold Outside!

## The Virginia Aviation Museum

Please note the March 10, Saturday entry in our Activities Schedule. The Ultralight Safety Seminar is an annual event, and has been held in the Aviation Museum at RIC for about the last seventeen years. The Seminar alone is worth the trip; however, the museum is worth it as well. Put the two together and you have a great day's outing. The Seminar is conducted, jointly, by the Virginia Department of Aviation and USUA Club 6, located down on Virginia's middle neck.

The Museum is unique in that it focuses on Virginia's aviation history. Surprised that Virginia has an aviation history? It's nothing as grand as is represented at the Udvar-Hazy but there are some very interesting planes there, and well-preserved.

Try to be there by 9 AM, sign in, have coffee and doughnuts, and the program will start at 9:30. Lunch at a nearby restaurant and the program is usually over by 2:30 or 3:00 PM.

Why not get a group together and drive down?



An Exterior View of the Virginia Aviation Museum

## 2007 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 the Warrenton Airpark as shown in the 2007 schedule. Changes in time or location will be posted in this newsletter and on the Club website.

<b>Jan 4, Thur</b>	<b>Monthly Meeting, Centreville High School (CVHS)</b>
<b>Feb 1, Thur</b>	<b>Monthly Meeting, CVHS</b>
<b>Mar 1, Thur</b>	<b>Monthly Meeting, CVHS</b>
Mar 10, Sat	UL Safety Seminar, RIC
<b>Apr 7, Sat</b>	<b>Monthly Meeting, Warrenton Air Park (WAP)</b>
<b>May 5, Sat</b>	<b>Monthly Meeting, WAP</b>
May 6, Sun	Club 6 Spring Fly-in
May 19, Sat	Club 250 Spring Fly-in, Holly Springs
<b>Jun 2, Sat</b>	<b>Club 1 Memorial Fly-in, WAP</b>
<b>Jun 7, Thur</b>	<b>Monthly Meeting, CVHS</b>
Jun 15-17, Fri-Sun	Fathers' Day Fly-in, Footlight Ranch
<b>Jun 23, Sat</b>	<b>Club 1 Poker Run, WAP</b>
<b>Jul 7, Sat</b>	<b>Monthly Meeting &amp; Family Picnic, WAP</b>
<b>Aug 4, Sat</b>	<b>Monthly Meeting, WAP</b>
Aug 12, Sun	Club 6 Fly-in, New Quarter Farm (NQF)
<b>Sep 8, Sat</b>	<b>Monthly Meeting, WAP</b>
<b>Sep 15, Sat</b>	<b>Club 1 Fly-out to (TBD)</b>
<b>Oct 6, Sat</b>	<b>Club 1 Fall Fly-in &amp; Monthly Meeting, WAP</b>
Oct 13, Sat	Club 250 Fall Fly-in, Holly Springs
<b>Oct 13, Sat</b>	<b>Club 1 Color Run</b>
<b>Nov 1, Thur</b>	<b>Monthly Meeting, CVHS</b>
<b>Dec 1, Sat</b>	<b>Club 1 Monthly Meeting and Holiday Party</b>

Additions or deletions to this schedule will be made as other club schedules become known and as the Club 1 schedule may be adjusted. Changes will be published in this newsletter and on the Club website.

## CLASSIFIEDS

Ads will be run twice and then dropped unless resubmitted, or renewed by telephone or e-mail. Please advise the editor when the ad is no longer needed.

**CHALLENGER I** Long Wing - Rotax 503 DC/DI, Tall redrive w/60" prop w/leading edge protection. Elec. st., 10 gal tanks, brakes, fiver nose, flaperons, AS, VS, Tac, compass, dual EGTs and CHTs, BRS chute (out of date). A great flyer. Great deal at \$6500. Fred Kuester, 804-932-3397 or 804-514-1364 <fkuester@verizon.net> (10/06)

**KITFOX II KIT**, 95% complete, ready to cover. With 582 Rotax, eec. st., prop, gauges & misc. items. Everything new. \$15,000. Dan Brandmahl 804-443-4619 or 804-769-2756. <cranks4u@inna.net> (10/06)

**93 PHANTOM** - Rotax 503, new black & green sails, BRS, dual carbs, heavy landing gear, aluminum wheels, elect St., strobe, 10 gal tank, wood prop, dual EGTs and CHTs, ASI, Tach, Alt, slip indicator, Hobbs. Very clean bird. Price reduced to \$6,500. C.A. Nuckles 757-294-0518 or (C)757-636-0609 (10/06)

**RANS S-12** - Rotax 582, 20 hrs on engine and airframe, elec. start, oil injection, C-box, twin 9 gal wing tanks, in-flight trim, Hegar 6" hydraulic brakes and wheels, full enclosure, all lexan smoked, BRS 750 parachute (out of date), full instrumentation, slightly crunched on last landing, repair parts included. A fun and very quick airplane for someone mechanically inclined and looking for a cheap way to fly. Located at Woodstock, VA. E-mail at <tcooper@shentel.net> for info and photos. (9/06)

**RANS S-14** - Rotax 503DC/DI, 254 TT, clip wing, elec start, Oil-inj, in-flt adj Ivo prop, ASI, Alt, dual CHT & EGT, VSI, tach, Blk & Yellow clear coated, dual wing tanks, cabin heat, BRS (ood). Always hangared, flies hands off, \$13,500. Dennis Gregory <dgregory@oonl.com.> Tel:804-758-4178. (10/06)

**FLIGHTSTAR 11SL**- Bluehead Rotax 582 w/E-gearbox. 86 hrs. All upgrades completed by Lockwood Aviation. Advanced EIS w/vertical speed, Alt, Tach, EGT, CHT & water temp, turn/bank.

Flaps, trim and BRS 1050. Magellan GPS, ICOM A5 radio, headsets and Sigtronics intercom. IVO prop, strobes and Hobbs meter. Sails are clear-coated. A beautiful plane and excellent flier. Always hangared. \$16,000. Can assist in delivery. (434)298-3940 or <jkriley904@earthlink.net>. Located in Blackstone, VA23824. (10/06)

**CGS HAWK** - new Rotax 503. Single seat classic. Elect start, BRS, Alt, A/S, CHT, EGT. Tach, Slip Ind., Hobbs. Red, White & Blue sails. \$9,500. Paul Irby, 804-829-6141 (10/06)

**FISHER FP-404** - Biplane w/ Rotax 503 w/ 4 hr TT. New prop, exhaust, motor mounts. Good condition. Good flyer. Complete w/open trailer. Can be seen on Barnstromer website. \$8,500. J. Noble 804-125-0084 <thenavigatorva@gmail.com> (10/06)

**PHANTOM** - rebuilt Kawasaki 440. 2-blade Powerfin prop, 5 gal gas, sails in good condition, many upgrades, runs and flies great. Part 103 legal. \$4000 OBO. Joey Smith 757-870-4071 (10/06)

**1996 FISHER DAKOTA HAWK.** Continental A-65 TSMOH 1078. Aircraft Total Time 117 Hrs. Fabric Superflite 102 system II. Warp Drive, carbon fiber ground adjustable Propeller. Wings fold for storage. Location: Gordonsville, VA [jpaananen1@juno.com](mailto:jpaananen1@juno.com) (10/06)

**Items bought and sold through the Newsletter are solely at the risk of the buyer and seller. Neither the Newsletter nor USUA Flying Club 1 guarantees, or is in any way responsible for, the airworthiness or other aspects of the items listed.**



There's Snow in Those Clouds!

# USUA FLYING CLUB 1 GENERAL INFORMATION

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

## 2007-2008 CLUB OFFICERS, DIRECTORS & STAFF

President	Len Alt*	703-467-0586
Vice President	Pete Bastien+	703-568-5778
Secretary	Lew Clement*	703-444-1639
Treasurer	Jim Birnbaum+	703-361-7478
Past President	Dave Riedel	703-815-4924
Dir, Safety & Tng	Jim Willess	540-788-4341
Dir, Membership	Phil Williams	703-361-3320
Dir At Large	Jerry Starbuck	301-928-8755
Dir at Large	Larry Walker	540-347-7609
Club Artist	Jim Heidish	703-524-5265
Events Coord.		
Librarian	Dick Walker	202-363-4546
Newsletter Editor	Lew Clement	703-444-1639
	e-mail: lclem@falconsresidents.org	
		Fax: 703-444-2535
Web Master	Greg Palmer	703-912-3774
<b>Terms of office: +2007-08 *2006-07</b>		

**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 web site.)

**SUBMITTING ITEMS FOR THE NEWSLETTER** Members and non-members are encouraged to submit items for this newsletter. Send submissions to Lew Clement, 46917 Grissom St., Sterling, VA 20165. E-mail and fax addresses are shown at left. Deadline for entry of items into the newsletter is 10 days before each meeting.

**Ads will be run twice and then dropped unless resubmitted or renewed by phone. Advise editor when item is sold.**

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 wek-end activities.

**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.

## FLYING CLUB 1 MEMBERSHIP APPLICATION - 2007

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 \_\_\_ Renewed \_\_\_ Regular \_\_\_ Family \_\_\_ Membership

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

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

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

\*Spouse's Name \_\_\_\_\_ \*Name to go on your Name Tag \_\_\_\_\_

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

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

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

Type aircraft \_\_\_\_\_ Stored/Flown From \_\_\_\_\_

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

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

\*Club Activities or Services for which you volunteer \_\_\_\_\_

(NOTE: Reference above to Ultralight aircraft includes Ultralight-type aircraft). Starred items must be completed. Mail application to Club 1 Treasurer Jim Birnbaum, 8570 King Carter St., Manassas, VA 22110, accompanied by dues for regular (\$20) or family (\$25) membership for a full year or \$10 and \$12 for a half year (July 1 or after). 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 \_\_\_)

# USUA FLYING CLUB 1

February 2007

**To join USUA Flying Club #1, fill out the forms on the reverse side. To join the national USUA, fill out the form below:**

\_\_\_\_\_ **\$25.00** U.S. Ultralight Association annual membership does not include magazine subscriptions. All publications are optional, and are available to USUA members at the discounted prices below. A current USUA membership is required to take advantage of these discounts. Subscribe to your choice when you renew your membership.

**Ultraflight Magazine - \$24.95**  
**Light Sport and Ultralight Flying - \$34.95**  
**KITPLANES Magazine - \$19.95**  
**Air & Space - \$19.00**

\_\_\_\_\_ Enclosed is \$2.00 for work in ultralight safety by USUA.

(Canadian and non-US membership add \$5.00)

**Lew Clement**  
**46917 Grissom St.**  
**Sterling, VA 20165**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ Date of Birth \_\_\_\_\_

Enclosed is my Check \_\_\_\_\_ Money Order \_\_\_\_\_  
Visa \_\_\_\_\_ Mastercard \_\_\_\_\_

**United States Ultralight Association**  
**104 Carlisle Street**  
**Gettysburg, PA 17325**