



FROM THE LEFT SEAT

Len Alt, President

Merry Christmas! Hope you are getting in some great flights as the winter season approaches.

At our November meeting Chuck Tippet presented a video of his ski flying trip last winter. Here are a couple of shots taken on the trip north through New York.



Down the River



Lady Liberty

It was a great flying movie with outstanding shoots of the spectacular winter scenery. Thanks to Chuck for sharing the adventure.



Ski Trip



Low Over Snow

Thanks also to JD Ingram for putting in the time and effort to repair our club golf cart, and to Tom Richards for helping procure the needed repair parts.

We held our election of new club officers at the November club meeting. I am pleased to announce the election of Steve Beste as our President for 2010-2011. Jim Heidish was elected as our Secretary. Congratulations to both! With Ami Abramson as our current Vice-President and Jim Birnbaum as our long serving Treasurer the club is indeed in good hands. Autumn Aceto is taking over as our Newsletter Editor, Jim Birnbaum is adding Membership Director to his duties as Treasurer, and Pete Bastien is our Clothing Sales Rep. Thanks to these folks and all the other volunteers who make the club function.

Please think about volunteering to help our club officers with the many tasks required to run the club and it's events. For our club to continue to be successful it is essential that we get active participation from our members. Thanks.

This is my last newsletter message as President. It has truly been an honor and a privilege to serve the club these past four years. My personal thanks to all those who have provided so much support to me and to the club. I look forward to remaining active in club events and to supporting our club officers and events. Thanks to you for allowing me to serve as club President.

Our next club meeting is our annual Christmas Party on Saturday, December 12th starting at 4:00 P.M. at the clubhouse at Warrenton Air Park. I hope to see you and your family at this fun event.

Fly smart. Fly safe.

MEETING MINUTES

USUA Flying Club 1
Chapter Meeting
Thursday, November 5, 2009
Centreville High School
Library

President **Len Alt** opened the meeting at 7:35 PM in the Centreville High School Library. Eighteen members were present (20 total).

New Members/Visitors:

Jim Carey: retired Air Force, working with Chuck Tippett for a tail-dragger endorsement.

Officer's reports:

Secretary:

Jim T. Hill – Not present for the October Meeting.

Treasurer:

Jim Birnbaum – Reported October Income (\$280) exceeded the Expenses (\$257.27), with a Flying Club 1 checkbook balance is \$3356.16. October 2009 Treasurer's Report was submitted to the Board by Jim Birnbaum.

Vice President:

Ami Abramson – No Report

Safety:

Bob Jacobs – Jim Birnbaum discussed his "hard landing" (2000) waiting in pattern to land at WAP with an approaching cold front. On his final over the trees the plane dropped suddenly, initially striking ground with the right wing. Lesson learned, when landing over trees keep plenty of altitude. (Cause not definite – suggested microburst or following gust.)

Members At Large:

Larry Walker: Suggested that the Club initiate a second training/partnership with the local fire department, taken up as new business.

Phil Williams: Not Present

PPG Representative - Not Present

Activities at WAP:

Tom Richards – No report, not Present:

New Business

Len Alt:

1. No new information on the status of USUA. Club 250 submitted to Len a questionnaire which will be passed around.
2. Flying Club 1 needs Organizers & Volunteers for several events next year (2010) please review the list and Sign-Up.
3. JD Ingram has repaired the golf cart and the problem is the starter/generator — cost about \$200. Move – Approve \$200 for the repair of the golf cart – (2nd L. Walker) **Approved**
4. Steve Beste's Trike has been repaired (1-year from date of accident).
5. Instructors in Club 1:
Fixed Wing – Chuck Tippett
PPG - Michael O'Daniel
Welding – Tom Kotsch, (Thomas)
6. Awards: Nominations needed, e-mail to Len Alt before the Holiday Party
Director's Award
President's Award
Volunteers' Award
7. The December meeting will be the Christmas Party – Saturday December 12th 4:00 PM at the Club House (WAP)
Need a volunteer to form a "Chorus"
An e-mail will be sent out detailing the Party and requesting attendance plans. The Club will furnish the meat and drinks, members are asked to bring **side dishes** - salads, desserts, vegetables etc.
8. Elections – officers will be installed at the December meeting.

Nominations

President – Steve Beste

Secretary – Jim Heidish
No nominations from the floor: the
Slate was elected by acclamation.
Volunteer positions:
Newsletter Editor - Autumn Aceto
Membership Director – Jim Birnbaum
Clothing Sales – Peter Bastien

Program:

Chuck Tippett provided a 15 minute DVD video of flying north through the New York Corridor to Maine as well as a little snow ski flying.
Joe Phaff: Owns a Kit Fox Model VI & UL Trike and has just passed his check ride for Sport Pilot with Rob Albright.
Joe flew to Connecticut (alone) for his check ride.

Len Alt - President adjourned the meeting at 8:50 PM

Respectfully Submitted

Jim T. Hill

Club 1 Safety Hangar

**Takeoffs Are Optional.
Landings Are Mandatory.
By: Bob Jacobs**

Winter Flying Advice

The FAA publishes a bimonthly safety magazine for general aviation, and it is quite good. You can subscribe to electronic or print versions of “FAA Aviation News” on the Web at http://www.faa.gov/news/aviation_news. The November/December issue is dedicated to winter flying, and there are some great articles. I’d like to discuss one in particular: “On Thin Ice, A Little Frost Won’t Hurt...Or Will It?”

We all probably are aware that ice, snow, and frost on a wing are bad, but some may not realize just how much wing and aircraft performance can change with minimal ice, snow, or frost contamination. In most GA takeoff accidents caused by icing, the pilot did not deice the aircraft. Of those, about half understood the hazard of ice or frost and recognized the condition, but did not consider the accumulation to be significant. High wing aircraft account for two-thirds of the GA icing takeoff accidents. The speculation there is that many pilots did not get a stepladder and inspect for ice, snow, or frost. Note that frost can be quite insidious since it can form without visible moisture present. Also, be aware that the wing surface can be below freezing from thermal radiation effects and form frost while the ambient air is above the freezing level.

Ice, snow, and frost affect an aircraft’s performance by changing the wing’s lift characteristics for the worse, increasing drag, and adding weight. Even small amounts of ice, snow, or frost contamination are dangerous. The article states that frost with the roughness of medium sandpaper can reduce lift by as much as 30 percent and increase drag by 40 percent. I suspect most of the aircraft in the club could barely fly or could not fly at all with those penalties in performance. Don’t think you can polish the frost either. Evidently, in 15 percent of the accidents, the pilots did just that. The solution is total decontamination of the aircraft. Don’t try and guess what surfaces are critical, and don’t miss items like pitot tubes, air inlets, static ports, and hinges.

For those with porous fabric wings, use caution if the wings are wet with rain or dew. For example, the wing manual for my trike warns against having any water layer or droplets on the leading edge or top of the wing. “The associated stall speed will increase by approximately 10 km/h. If you wipe the leading edges before the flight, wipe both sides of the wing (right and left).” Wiping both sides avoids an uncommanded roll on takeoff. There is a weight increase as well, which will vary with different wing materials.

I recommend you read all the winter-safety articles in the latest Aviation News. Winter flying in the calm clear air can be very enjoyable, but understand and be ready for the hazards that can quickly develop and surprise you in the type of flying you do.

From [Larry Walker](#) - At the last Club1 meeting, I published the AWOS number for *Warrenton Fauquier Airport, 540-788-4078*. In addition the Club1 members might be interested in the *Culpeper Airport AWOS number, 540-727-0523*. Note these numbers connects to a continuous loop of the announcement and it may take as long as 30 seconds to hear audio and it might be in the middle of the announcement. In addition I have a radio set on the Culpeper AWOS frequency in my hangar. You can activate this radio by placing the small switch on the antenna mast by my hangar door in the up position. Please do not leave it on for hours. I use the Culpeper AWOS as it has a good signal where the Warrenton Fauquier AWOS has a much weaker signal.

ACTIVITIES

2009 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 2009 schedule. Changes in time or location will be posted in this newsletter and on the Club website.

2009 Club Activities Schedule

Dec 12, Sat Monthly Meeting &
Holiday Party, WAP
(Club House)

2010 Club Activities Schedule

Jan 7, Thur	Monthly Meeting CHS
Feb 4, Thur	Monthly Meeting CHS
Mar 4, Thur	Monthly Meeting CHS
Apr 3, Sat	Monthly Meeting, BBQ WAP
May 1, Sat	Monthly Meeting, BBQ WAP
May 22, Sat	Memorial Fly-In WAP
Jun 5, Sat	Monthly Meeting, BBQ WAP
Jun19, Sat	Poker Run WAP
Jul 10, Sat	Monthly Meeting, BBQ WAP
Aug 7, Sat	Monthly Meeting, BBQ WAP
Sep 11, Sat	Monthly Meeting, BBQ WAP
Oct 2, Sat	Monthly Meeting, BBQ & Fall Fly-In WAP
Oct 9, Sat	Color Run Fly-Out WAP
Nov 4, Thur	Monthly Meeting CHS
Dec 11, Sat	Monthly Meeting, Holiday Party (Club House)

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.

FOR SALE — Sonex Aircraft Kit.

(See website at www.sonexair.com) with some components completed (vertical and horizontal tail, ailerons, fuselage, etc.). Approximately 20% complete with mostly assembly remaining (finished making most of the needed parts from raw metal). Willing to consider all offers including joint effort in return for equity (e.g. 1/2 ownership). Kit is presently located in Davis, WV, but I reside in Washington, DC area. Outright purchase price is negotiable.

Contact: Phil Hyland
202-870-4672

FOR SALE — Lincoln Electric Tig 185 Welder. \$1500

The Lincoln Electric Precision 185 is a very capable TIG welder that can provide between 5-185 amps of welding arc allowing you to weld very thin metals to more than 1/4" steel. It can weld mild steel, aluminum, chromoly and more. I have been using this welder for the last three years and it has served me well. Requires 3-phase 220VAC circuit.

Contact: Tom Kotsch
540-359-5627

Read more on their website: <http://www.tig185.com/product/> (02/09)

FOR SALE — Avid Flyer "C" Model.

Aircraft currently in dry storage
\$20,000

Contact: Mike Fisher
h/o: 434-296-8485
c: 434-989-0778
heardsmtn06@hughes.net (11/08)

FOR SALE — 1999 Sixchuter SR7XL PPC.

Rotax 582 UL DCD1 model 99
APCO 500 Chute
40 hrs. total time airframe and powerplant
Always closed trailered
N numbered, airworthiness cert. Sept.08 annual
2000 Shadow Master trailer, radios, helmets, spare parts,
ground equipment and more.
Runs great, ready to go.
\$7000 or best offer
Contact: Mike Blackwell
703-217-1609
Mikesflight@aol.com (10/08)

FOR SALE — Quicksilver MX Sprint.

New 2005, TT 175 hrs.
Rotax 447
steerable nose wheel
EIS instrument, shoulder harness
hangar stored
wheel pants
excellent condition
Warrenton Air Park
\$7800
Contact: Dick Walker
202-363-4546 (10/08)

TRAINING -- Powered paragliding instruction, motor and wing sales.
I will be based out of Jerry Starbuck's hanger space.
Inquiries: Michael O'Daniel
540-270-8855
onegooddoc@starpower.net
poweredparaglidingusa.com (04/08)

FOR SALE -- Brand new and unused Blackhawk one-piece flying suit in red and black. Size Medium.
\$40.

Inquiries: Bob Bell
(W) 540-351-1081 or (C) 703-943-7129
cedarfield540@juno.com (12/07)

703-217-1609
Mikesflight@aol.com (10/08)

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Membership Due's 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 - 2010

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, goto <http://www.usua.org/>

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 Ami Abramson+	703-366-3717
Secretary Jim Hill*	540-659-8366
Treasurer Jim Birnbaum+	703-361-7478
Past President Dave Riedel	703-815-4924
Dir, Safety & Tng Bob Jacobs	703-321-0225
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 Kim Alt	703-655-4137
	e-mail:
kim.alt@gmail.com	
Web Master Greg Palmer	703-912-3774
PPG Web POC Par Karandikar	703-201-8909

Terms of office: +2009-10 *2008-09

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 Kim Alt, 13102 Mares Neck Lane, Herndon, VA 20171. E-mail is shown at left. Deadline for entry of items into the newsletter is 10 days before each meeting.

Ads will run twice and then dropped unless resubmitted or renewed by phone or email. 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.

To join USUA Flying Club #1, fill out the forms on the previous page. To join the national USUA, fill out the form below:

_____ **\$30.00** 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 chice when you renew your membership.

Ultralight 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)

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