



FROM THE FRONT SEAT

Steve Beste, President

I got a call early this morning from Pat Tyler. He and Art Felt were about to fly up to John Franklin's field near Purcellville at 39.110038,-77.757758. Pat had just entered this into his GPS and was checking the result when he noticed that the location was somewhere west of Winchester (kudos to Pat for checking his results! It would have been a long flight to the wrong field otherwise.) If ever there were something we need to be careful about, it's entering our GPS coordinates. In the end, it turned out to be a problem of **mismatched geo formats**. I had given him the coordinates in decimal degrees. But his GPS was set up for degrees and decimal minutes. Let's walk through what then happened:

Latitude 39.110038. When Pat typed this into his GPS, the GPS took it to be

- 39 degrees, 11.0038 minutes

Longitude -77.757758. The GPS took this as

- 77 degrees, 75.7758 minutes. But there are only 60 minutes in a degree. Instead of complaining, which would have helped, his GPS kindly rounded up a degree to
- 78 degrees, 15.7758 minutes.

That location is an area of fancy mansions in suburban Winchester, where Pat and Art might have gotten a very different welcome than what they were expecting.

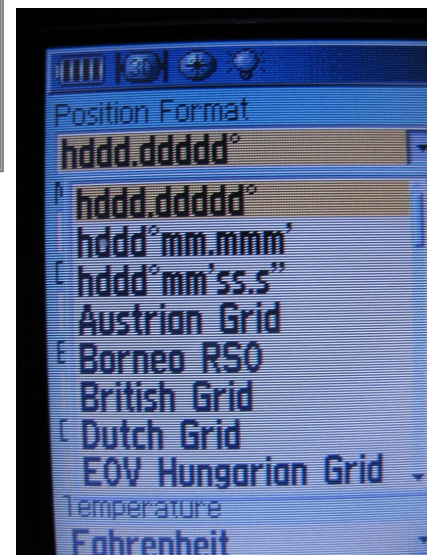
Three Notation Formats

The key understanding here is that the world of aviation uses **three** notation schemes for latitude and longitude. Consider this listing for the airpark in www.AirNav.com. It shows the coordinates of the airpark in all three formats:

- Degrees-Minutes-Seconds
- Degrees-Decimal Minutes
- Decimal Degrees

FAA Identifier: 7VG0
Lat/Long: 38-39-20.4330N / 077-47-13.9750W
38-39.340550N / 077-47.232917W
38.6556758 / -77.7872153

Like your GPS, my Garmin 76 can be set up for any of those three formats (plus a bunch of others that I have no idea what they are. Borneo?).



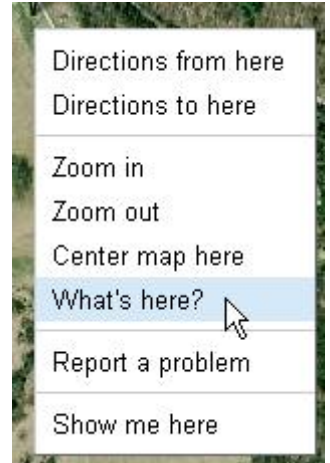
You Must Choose A Format

AirNav may use all three formats, but you can't. You have to choose one. That's because your GPS can be set up only one way at a time. I recommend that you set it to decimal degrees. Here's why:

- 1) Decimal degrees are simpler. It's metric, with all the usual advantages of metric over pints, cups, tablespoons, yards, inches, and shillings.
- 2) You don't have to figure out how to enter the ° symbol into your computer or GPS.
- 3) Google Maps reports location in decimal degrees. For example, find your destination in the satellite view. Put the cursor there. Right-click and pick **What's Here?** on the context menu as shown at right. The coordinates of the field show up at the top of the screen like this:



If your GPS is set up for this format, you can just type it in and off you go. Otherwise, you'll end up wandering in the wilderness of west Winchester.



About the only thing you lose is the ability to get airport locations out of the FAA's Airport Directory. It uses degrees and decimal minutes like this:

FRONT ROYAL–WARREN CO (FRR) 3 W UTC–5(–4DT) N38°55.05' W78°15.21'

That's OK. Use www.airnav.com, instead. Not only does AirNav show all three formats, it lists private airfields.

Converters

Lastly, you'll sooner or later have to convert a location between formats, no matter what format you prefer. Surprisingly, the FCC maintains an online conversion tool at <http://transition.fcc.gov/mb/audio/bickel/DDMMSS-decimal.html>.

Fly safe,

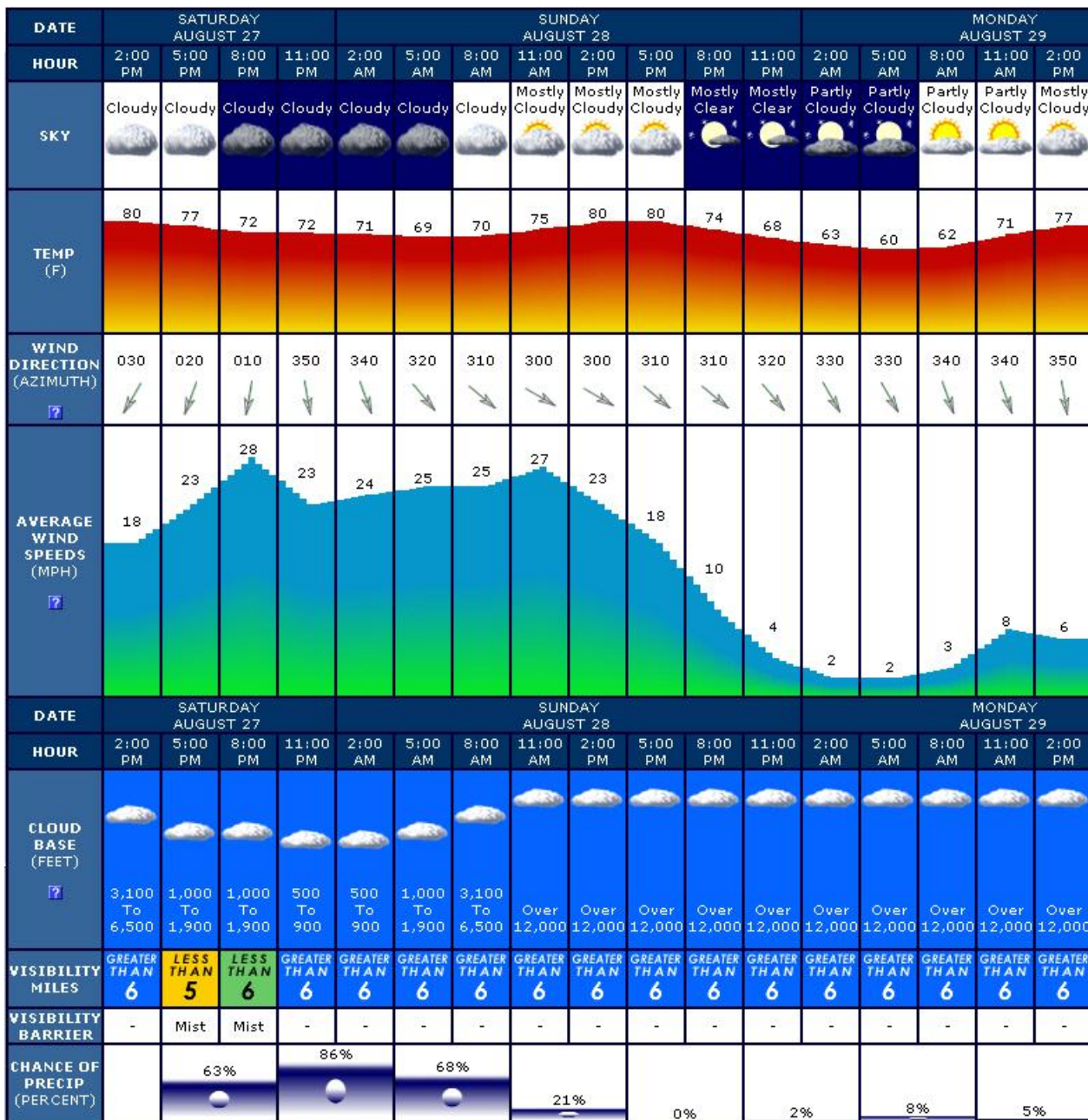
Steve

The Volunteer Sign-up Sheet Is on the Website

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

Was Anybody Flying Sunday Morning?

This was for Front Royal. Higher wind speeds were no doubt forecast for the Airpark.



Sail and Canvas Products

Don Sheehan writes.

- 1) Starbrite Sail & Canvas Cleaner - I can personally attest this does a good job of cleaning spots and general residue from LSA wings.

2.) Nikwax Tent & Gear Solarproof - I can attest this goes on easily, but cannot comment on the efficacy of the product, yet.

The End for Footlight Ranch?

Jerry Rosie of the Mason-Dixon Flyers has produced many fly-ins at Shreveport North (62PA). He writes:

The Florida Keys at Footlight Ranch and its immediate environs (Pool, Deck, Restaurant, Parking Lot, BBQ Pit, Volleyball Courts, Windmill and the Red Shed) known as Parcel #50-000-LD-0052E-00000-9 acres, will be sold at Public Auction starting at noon on Wednesday 21 September 2011.

For you aviators reading this, it does not necessarily mean the end of the Father's Day Fly In, but it may mean a change in how things are done. John Shreve is not selling his house or the runway at this sale - they will remain in his control and operational as before.

The lower portion of the property will be sold, and we hope it will be bought by someone who is friendly to aviation and to our fly ins. If any of you know anyone who fits that category, please invite them to attend this auction so they may have a chance on buying this valuable property.

We'll report what happened in next month's newsletter.



Meeting Minutes

August, 2011 Minutes
USUA Flying Club One
Saturday, August 6, 2011
Warrenton Airpark
Warrenton, VA

Selling 50/50 tickets before meeting

Call to Order

President, Steve Beste called the meeting to order at 11:05 AM.

23 members present.

CONNECTIONS

Visitors & New Members

New member **Scott Meritt** found us when his daughter came out to the Airpark for sky-diving. He is an active CFI and has been flying for 45 years.

Ed Olbon is a new member with a Kolb Firefly Ultralight that he takes around in his special trailer and can set up to fly in 15 minutes.

Erick Vanwezindonk, an airline pilot looking for a relaxing fun flying spot thinks he found it at the Airpark.

Old members

Long time member **Bob Chapman** attended the big AirVenture at Oshkosh and described the special electric *Lazair* Ultralight that has a power system based on electric powered RC models. (Bob was one of the first *Lazair* pilots and dealers in 1979.) He said that the little *Lazair* was the only electric up and flying.

A few PPG and fixed wing members said they were flying early today but were cut short by a few showers moving through the area. Other members said they were having a great time flying to some of the close in airports a few

time a week. Weather and wind being the limiting factor.

SERVICE PROVIDERS

Recap our standing list of service providers:

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

REGULAR REPORTS

Secretary: Jim Heidish reported that the July Minutes will be in the August Club Newsletter and will be presented at the September meeting

Treasurer: Jim Birnbaum reported July Income: \$39.00, Expenses: \$176.56, The Flying Club 1 Checkbook Balance: \$2084.85

President: Steve Beste ó nothing to report

Safety and Training Director: Dave Riedel reported that a PPG pilot in training had a bad accident that happened when he slipped and his hand went through the prop guard and was very severely cut. He was rushed to the hospital and is recuperating. Dave reminded the members that with all the non-pilots coming out to the Airpark for skydiving, you need to be extra careful when starting up and taxing out to the runway. Be sure to clear the area of people especially kids and pets. Say CLEAR PROP! but keep watching for the unexpected.

Membership Director: Jim Birnbaum ó not at meeting.

Warrenton Air Park Owner: Tom Richards said that there is no smoking within 100 ft of the large white fuel tanks, and he will be putting up the warning signs. Anyone that smokes must use the designated smoking area

near the driveway. Tom said that his job is taking away a lot of his Airpark time, but hopes to be doing a lot more of his work at home and that should free him up and get back on schedule.

Clothing Sales: **Pete Bastien** had nothing special to report, but some members were inquiring about hats after the meeting. If there is a big demand we can get more made and also we have connections with an online outfit that has our Club logo on file and can ink jet it on hats, shirts and some other items, see Pete!

Old Business ó none

New Business

Steve Beste brought up a proposal that we disband the Club library. We had a discussion about the non-use of the library for many years and how it keeps being moved from place to place so members can get access, but it just sits in cabinets rotting away. Two book cases plus boxes contain a lot of reference books and old VHS instruction tapes, some contain out-of-date information. It is more a history collection now. The membership agreed that we get rid of it but will continue the proposal discussion at our next meeting in September.

MONTHLY PROGRAM ó none.

50/50 Drawing ó Winner, **Pete Bastien**.

Adjourn

President, Steve Beste adjourned the meeting at 12:00 noon.

Cookout: everyone enjoyed great BBQ brought by **Dick Martin**. (See photo below. Notice he is wearing the official Flying Club 1 chef's apron. Get yours! All you need to do is bring the lunch!)



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 6 th , 7:30PM	Club Meeting	CVHS	Standard Agenda
Thur, February 3 rd , 7:30PM	Club Meeting	CVHS	Standard Agenda
Thur, March 3 rd , 7:30PM	Club Meeting	CVHS	Standard Agenda
Sat, April 2 nd 11AM	Club Meeting	WAP	Club meeting and cookout at Warrenton Airpark
Sat, May 7 th , 11AM	Club Meeting	WAP	Club meeting and cookout at Warrenton Airpark (WAP)
Sat, May 21 st • 10AM - Memorial ceremony • 11AM - Club meeting	Memorial and Club Meeting	WAP	Memorial ceremony and cookout at Warrenton Airpark (WAP)
Sat, June 11 th • 7AM - PPG Poker Run • 8:30AM - Airplane & Trike Poker Run • 11AM - Club meeting	Club 1 Poker Run and Club Meeting	WAP	Club 1 Poker Run and Club Meeting at Warrenton Airpark (WAP)
Sat, July 9 th , 11AM	Summer BBQ and Club Meeting	WAP	Monthly meeting and Summer BBQ at Warrenton Airpark (WAP)
Sat, August 6 th , 11AM	Club Meeting	WAP	Monthly meeting and cookout at Warrenton Airpark (WAP)
Sat, September 10 th , 11AM	Club Meeting	WAP	Monthly meeting and cookout at Warrenton Airpark (WAP)
Sat, September 17 th or 24 th TBD	Club 1 Fly-out to Trikefest East at Shreveport North (62PA)	WAP	Club1 Fly-Out from Warrenton Airpark (WAP)
Sat, October 1 st	Club 1 Fly-in and meeting	WAP	Monthly meeting, Club 1 Fall Fly-In and cookout at Warrenton Airpark (WAP)
Sat, October 29 th	Club 1 Color Run Fly-Out	WAP	Club 1 Color Run Fly-Out at Warrenton Airpark (WAP)
Thur, November 3 rd , 7:30PM	Club Meeting	CVHS	Standard Agenda
Sat, December 10 th , 4:30PM	Club Meeting / Holiday Party	WAP Club House	Monthly meeting and Holiday Party 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) when the ad is no longer needed.

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.”

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

FOR SALE — Partnership - Taylorcraft BC-12D (1946) - available. Aircraft is hangared at Warrenton Airpark. The Taylorcraft is flown about 65hrs/year and should be flown more. Annual, hangar, insurance, maintenance and repair are shared costs, while fuel is individual responsibility. Tom Richards and Jim T. Hill are looking to add one or two partners to replace a leaving partner. Please contact Tom Richards ([703\) 568-3607](tel:7035683607); warrentonairpark@yahoo.com or Jim T. Hill for details.

FOR SALE — 1978 Weedhopper Ultralight for sale: JC24C model; no engine; just frame. Will need new sails. Contact Mark Ripberger for more details. Sold ðas isö \$400.00
ripbergerm@darden.virginia.edu
434-589-8311

Shared hangar space available @ KHWY.
Contact loyd.peterson@verizon.net.

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 Warrenton 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
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://usuclub1.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.

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