

Volume 03 - 5 May 2003

## FROM THE LEFT SEAT Rich Pendergist, President Flying Club 1

## LOG YOUR TIME! Be ready for Sport Pilot

Sun 'n Fun has come and gone. Another sign that the flying season for us has begun in earnest. Another sign is the frequency that I fly with students. Last weekend I flew with 5 students. Three of them are relatively new to the sport and in the beginning stages of learning to fly.

It goes without saying that I get a great deal of satisfaction in taking newbies up for their first ride. Interestingly, they have one of two reactions, "Get

me back to earth and I will never defy the gods again" ... or ..." When can we do it again!" Most are excited and look forward to flying again or even beginning their training as soon as possible. These are the ones that have heard about or seen us flying around in our little machines and want to try something

Scene from Paradise City, Sun'nFun, April 2-8, 03 (by Bob Morris )

new or to fulfill a lifelong dream of flying. When they show up they are usually pretty well informed about us. Theire first question is usually centered on the fact that they "really don't have to have a license" to fly an ultralight ... that, followed by, "But what about this "Sport Pilot" thing?".

Until recently my response has always been the same: "Sport Pilot is still some time away from being a rule. And even when it becomes a rule, there will be a transition phase that will give us ultralighters time to move into it." So I have always advised them to begin flying for fun now and not wait on the legislators to do whatever it is they are going to do about "Sport Pilot". Now I take it one step further and tell them ... "Don't wait, begin flying for fun now and *also*, becoming a Sport Pilot will be easier if a person is a member of USUA (or one of the other organizations), has been trained with their

time logged. While it is still unknown as to the extent the FAA will recognize the training that a person has received from a bonafide **USUA** instructor, the proposed Sport Pilot rule clearly says there will be some kind of credit given. behooves everyone is flying "ultralights" today to become a member, get

hooked up with a USUA Basic Flight Instructor, become a registered USUA pilot with all their time logged, before Sport Pilot hits the street.

In all likelihood, Sport Pilot is going to happen. Those of us who want to move into it need to get ready now. Sadly, I am only able to fly on weekends now. My new job and its associated commute takes its toll on flying time during the week. It seems I don't get to see many of the club members around as much, either. I always fly over the airpark with my students...many times an orbit around the field is the first time they get to make a turn after leaving W66 and recently, I guess because the field is so wet, there hasn't been anyone in the air or in their hangars. Except for Larry Walker, whose car is always there with his hangar doors open.

I am looking forward to our Memorial Fly In at the Flying Circus on Saturday, May 31.

Anyone who would like to volunteer a little time at the fly-in should contact our club Vice President Dave Riedel.

Fly Safely,

Rich



Kolb Landing at Paradise City Sun'n Fun, 2-8 April '03 (photo by Bob Morris)



Club 1 Treasurer Mike Moulds hands \$500 check to Lew Clement, COB, USUA, at March meeting.

#### **Advisories**

**April Meeting** – Our President, Rich Pendergist, was at Sun'nFun, helping represent USUA at the time of our meeting so VP Dave Riedel chaired our meeting.

Dave noted that we had no visitors. We talked briefly about recent flights. There hadn't been many due to very soft ground and windy weather. Phil Williams is recovering his plane in red, white and blue fabric – joining the other patriotic planes in the Club!

Lew reported that we now have 42 '03 members. He stated that he believes there are a few more who will re-up. This is down from a total of 59 total in 2002.

Mike Moulds gave his Treasurer's Report. Our checking account has \$3559 in it after having contributed \$500 to USUA last month. We have received \$672 in income in 2003, of which \$610 is in memberships. Our expenses so far this year have been \$358, for a net income of \$313 so far. Our Library Fund is down to \$36 because of expenses in setting up the library in Larry's hangar. Our Trailer Fund remains at \$500.

Phil reported on his progress on the report he is preparing on the donations being made to USUA.

We had a lot of discussion about our Club website and what Paul had done to improve it and that led to comments about the magnificent improvement that Bob Comperini had made in the USUA website.

We discussed the upcoming fly-in this next Saturday at New Kent County Airport, east of Richmond. This is a new fly-in, particularly encouraging the three Virginia clubs(1, 6, and 250) to get together.

Dave is looking for volunteers to help run our May 31<sup>st</sup> Memorial Fly-in at the Flying Circus Field. He discussed the need for Club members to head up or help on the various activities that make up the fly-in and was circulating a sign-up sheet. If you want to participate and haven't been approached, contact Dave Riedel at dave.riedel@Verizon.net or 703-815-4924.

A discussion of the proposed week-end fly-out to First Flight at Kittyhawk on August 16<sup>th</sup> ensued. The idea is to fly down on Saturday and back on Sunday. An ambitious undertaking! Mike Moulds will plan the flight.

As we move closer to the start of our flying season, more time at our future meetings will be spent in planning our flights and outings.

Flying Club 1 Trailer Fund - \$500 As of 4/15/03



Flying Club 1 setting up at the Flying Circus' field during a visit with the Flying Circus on 7/22/01



Club 1 (and Club 6) aircraft at the Flying Circus
Bealeton, VA



At the Flying Circus, Bealeton, VA 7/22/01

#### NAME TAGS Lew Clement

Flying Club 1 members wear name tags provided by the Club at their meetings. Their purpose is to help new members know who these old guys are and to help the old guys learn what the new members' names are. Makes sense and simple, wouldn't you say?

Well, not quite. I make a name tag for the new member when I receive his membership form and give it to him at the next meeting. Only he doesn't come to the next meeting, or the next and I carry the thing around with a growing number of nametags for members who don't come to meetings or only come to fly-ins when I don't remember to bring the name tags.

Then, an old member tells me at a meeting that he can't find his name tag or he's lost it. So, I make him a new one and carry it around until he picks it up at a meeting.

There's an incentive to remember to get your name tag and to wear it at meetings. It's called the 50/50 drawing. The way it goes is for every dollar you contribute to the club during a drawing you get one ticket in the drawing - one chance to win 50% of the pot (the rest goes to the Club treasury). But, if you are wearing your name tag, you get two tickets for one dollar - two chances to win! Now, isn't that an incentive to make you remember to wear your nametag?



On Sundays when Club 1 particpates with the Flying Circus, our aircraft are the subject of much interest from the visitors to the show. Our pilots take much pride in the fact that, except for the flying part of the show, our planes draw the largest crowds.

#### **COMPUTER PILOT**

Lew Clement

"Computer Pilot" is the title of a magazine dedicated to flight simulator programs. If you are a serious flight simulator pilot, you will welcome this publication. It will open your eyes to a wide variety of flight simulator programs and other software, and hardware that most of us never knew existed and give us access to them.

Computer Pilot is the best source of information on the new programs and add-on software that exists, to my knowledge. It helps computer pilots interested in historic aircraft or other special planes and flight to find the kinds of aircraft that perhaps they flew at one time or would like to fly. It helps novices by training them in techniques that they can use in real flight. And it connects us with the world of flight simulation – a world that is so much larger and widespread than I had ever realized.

FAA does not recognize most flight simulation programs for use in serious flight training. Yet, I am convinced that you can get a lot of good out of using one of the better commonly available programs, like MS Flight Simulator 2002, to practice your flying, your radio work and your navigation. Granted, none of these will substitute for the real thing but they will help you practice and hone your procedures to the point that they have become second nature. Then go out and practice them in a real aircraft and I believe you will find they will come a lot easier because you will not have to spend so much of your concentration on procedures. You will know what you do next without having to think about it.

"Computer Pilot" not only keeps its readers up to date on all programs and hardware; it also has articles on flight procedures that will supplement the new flyer's training materials.

Is someone thinking how impossible it is for a simulator to be accurate enough to practice navigation on it? Until I tried it, I had my doubts but, now, I believe that you can practice DR navigation on it with surprising accuracy. Using major landmarks, not the swing in Aunt Mae's backyard, you can plot a flight plan and then practice flying it, using time and distance calculations. If you wish, you can add a wind vector to make it a bit more complicated. The land mass details were originally created from USGS satellite imagery data – and that's pretty accurate stuff.

As new software comes along to supplement the basic MS Flight Simulator and other simulation programs, there are preview articles in Computer Pilot so you will know in advance what is coming down the road and whether it is something you want to add to your library. For example, later this summer, Microsoft will release a new flight simulator program, recognizing this centennial year of flight, called "A Century of Flight". In the March issue of Computer Pilot, there was an article describing it in detail. It will not only have the expected improvements in basic flight simulation, but it will include a number of historic aircraft such as the 1903 Wright Flyer, the Curtiss JN-4 Jenny, and the Spirit of St Louis, to name a few.

Each month, in the magazine, there is a section on information available by way of the Internet; much of it free downloads of aircraft and scenery. I have C-130 and C-47 software that I downloaded free. The are links to other sources of software. I recently ordered (not free) a B-25 CD from a museum in Pennsylvania that makes money for restorations by selling such software. There is such a variety of flight software and hardware available that Computer Pilot publishes a catalog full of it.

So, whether your choice is to fly a Flightstar or a Quicksilver (see the USUA Web Site) on your computer screen or you prefer a WWII B-17, there is a lot of information here to make your computer flight experience more meaningful.

I will have several copies of the magazine with me at the next meeting for those who may be interested in checking it out. If you are serious about your flight simulation, I believe you will recognize how much Computer Pilot can do for your future use and enjoyment of flight simulation.



FlightstarSL flying over the Outer Banks

### **CLASSIFIEDS**

Ads will be run <u>twice</u> and then dropped unless resubmitted, or renewed by telephone or email. Please advise the editor when the ad is no longer needed.

**FISHER CLASSIC** - two place biplane, complete kit including cowling, seats, landing gear, fuel tank, hardware, more ... Spars, ribs, and one wing panel are completed. Sells for new for \$7,950. Will sell for \$5,900. Alan Hall, 757-719-9804 (4/03)

FISHER FP 101 - Rotax 277. TT - 10 hrs. Single seat UL copy of J-3 Cub. Alt, compass, AS, EGT, CT, Tach. Doors & windows for cold wx flying. 20' enclosed trailer w/wing racks. Will sell trailer & plane separately. \$5900. Dan Brandmahl 804-769-2756 or 804-443-4619. <cranks4u@inna.net> (4/03)

**FLIGHTSTAR Spyder, 1996,** 503 SuperCowl,DI/SC, electric and pull start, 247 hrs.TT, Ivoprop, EGT,CHT,ALT,ASI,Hobbs, ten gal.tank, disk brakes, 4-point Hooker Harness, redundant elevator cables, clear-coated red and yellow sails, hangered \$10,000 Contact Dennis Gregory 804-758-4178 <a href="mailto:dgregory@oasisonline.com">dgregory@oasisonline.com</a> (04/03) I'm a new BFI. Have to sell mine to get a trainer.

**Ison Airbike – '96**. Always hangered, Rotax 447, tundras, small tires and wheel fairings included, alt, dual egt, dual cht, wing tank, ballistic chute, ext. antenna, drawings and flight manual, nice little taildragger, \$7,500 contact Wes Rogers, 540-631-5706, bitsy@rmaonline.net (4/03)

**JET FOX** - Italian experimental (Sport Pilot Legal) for sale. Fresh annual. 100hp Rotax. 40 hrs TT. Green /White. 15 Gal. Check out included. \$35,000 Jim Willess 540-788-4341 (4/03)

**KITFOX II KIT** - 95% complete, ready to cover. 582 Rotax, elec. start, prop, gauges & misc. items. Everything new. \$15,000. Dan Brandmahl. 804-443-4619 or 804-769-2756 <cranks4u@inna.net> (4/03)

**PHANTOM** – '88. Rotax 447. 165 hrs. Some multi-colored new sails, 5 gal tank, strobe, 4 bl prop,

dual EGT and CHTs, ASI, VSI, RPM, ALT, Tiny Tack. Takes off in 50 ft. \$5,000. C.A. Nuckles 757-599-3657, nights – 757-876-4025. (4/03)

RANS 10 kit, ready for covering, many extras, adjdustable bucket seats, large instrument panel, radio-stack cage. Includes new 912. Excellent deal for interested party. Alan Hall, amh@ahcservices.com. 757-719-9804. (4/03)

RANS S-14, Rotax 503, elec start. Full instruments, wing tanks, strobe, fairings & wheel pants. Yellow/black, clear coated. ICOM Navcom radio. Like new, always hangared. \$12,000. Charles Isenhour. 804-932-8373. (4/03)

SAVANNAH - all metal, two seat. Super STOL performance aircraft TO in 60 feet, climb at 1200 fpm, and has a 480 mile range. The Savannah can be powered by a variety of engines incl. The Rotax 582, 912 and 912S. Kit w/912 engine and FWF comes standard with everything needed to build, incl. Full instrumentation, elec. Sys, lights, in-flight elec. Trim, hyd. Brakes, seats, doors, & cabin heat. Basic kit (airframe only) is \$12,495. Call for special pricing for Club 1 members. Call Bill Magrini – SKY RIDER, INC. 703-266-9245. <sky-rider.net> (3/03)

**T-BIRD I** - 532 Rotax, point ignition, new paint, new sails, new BRS, new full enclosure, hydr. brakes. Like new, \$10,900 OBO. Bennie Barnes 757-890-0689 or e-mail BennieRoller@juno.com. (4/03)

**XAIR** - Two-seat UL trainer. Assembled and flying with full instruments and Rotax 582 engine w/ Warp drive prop. Warrenton, VA. Make offer. Call Bill, 703-266-9245 (3/03)

**HANDHELD ICOM IC-A22**. Exc. Cond. Comes w/ belt clip, headset adapter, wall charger, manual and warranty card. Money back guarantee. Asking \$310. Ron Madsen 804-693-5186 or e-mail <a href="mailto:phantom11@toast.net">phantom11@toast.net</a> (4/03)

**ULTRALIGHT STROBE** - Full 25-joule flash. Powered by 2-cycle engine lighting coil or 12v. battery. Power supply clips to 1" to 1 <sup>1</sup>/<sub>4</sub>" TUBE. Light head mounts where you like. One-year warranty. 12v battery model. Only \$75. Lighting coil model \$100. Cheapest 25-joule model on market.

Ron Madsen 804-693-5186 or <phantom11@toast.net> (4/03)

**WANTED:** Fifty-five gallon steel oil drum suitable for storage of gasoline - no rust, no holes. I am just about through building my Spark Plug Cleaning and Tester Project. To complete it, I need a shielded harness connector for a REM40E Spark Plug. It is a 5/8" 24 tpi connector. Anyone have a dead harness I could have one from? Also need Clecos. Sizes 1/8 Copper, 5/32 Black and 3/32 Silver. Buy or borrow. Pneumatic Cleco installation tool. Buy or borrow. . Larry (540) 347-7609, e-mail gltconf@earthlink.net (2/03)

**FOR SALE:** Two 55 gallon white plastic drums I new condition and one 55 gallon steel oil drum that has some rust. Make offer or trade for steel drum (see Wanted, above.) Microsoft Flight Simulator 2000, \$5. Larry (540) 347-7609, e-mail qltconf@earthlink.net (2/03)

A&P - will do Annual/100 Hr inspections for nonbuilder owners of Experimental aircraft in Virginia/ Maryland area. You do the work. I do the paper work. Fixed fee plus small transportation fee over 25 miles. J. Willess 540-788-43431. (4/03)

**SPRING DECARBON SPECIAL** - Decarbon your Rotax engine for best performance and longer life! (recommended by Rotax maintenance schedule each 50 to 100 hours depending on condition of engine and usage)

- 1. Remove heads
- 2. Non-destructive carbon removal on cylinder dome.
- 3. Remove and clean rings and ring groves.
- 4. Examine cylinder walls for wear.
- 5. Clean top of piston
- 6. Re-assemble with new base gasket.
- 7. Torque heads to Rotax specifications.
- 8. Drain and replace gear oil
- 9. Check carbs for wear.
- 10. Clean and re-oil air filter

Any out of tolerance parts replaced at extra cost. \$100.00- Please give me one week notice to order parts. Jim Willess 540-788-4341 Work done at your hanger. (4/03)

#### **ULTRALIGHT CROSS-COUNTRY COURSE -**

Cross-country training to non-local airport, includes

ground and flight training for cross-country sign-off (may be required for new FAA SPORT PILOT Rating). \$100. Jim Willess 540-788-4341 (4/03)

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

#### **EVENTS - 2003**

2003 FLYING CLUB 1 ACTIVITIES SCHEDULE Club meetings are held the first Thursday of each month in the Centreville Elementary School, Centreville, VA, at 7:30 PM. Changes in time or location will be posted in this newsletter or the Club website

May 17-18	EAA 186 Spring Fly-in
Sat-Sun	Winchester Airport (OKV)
May 18	Club 6 Fly-in/ Picnic/Competition,
Sun	Hudgins Airpark
May 24	Club 250 Spring Fly-in
Sat	Holly Springs, VA
May 31	Club 1 Memorial Fly-in
Sat	Flying Circus Field
Jun 13-15	Father's Day at Footlight Ranch
Fri-Sun	Shreveport North, PA
Jun 28	Club 1 Poker Run (Starts W66
Sat	-ends Warrenton Airpark)
Jul 5-13	Yankee Ultralight Fly-in
	Sanders Field, Greenland, NH
Jul 12	Club Meeting, Club House,
Sat	Warrenton Airpark
Jul 29-Aug 4	Airventure, Oshkosh, WI
Aug 22-24*	Club 4 Bull Roast
Fri-Sun	Harrison Field, MD
Aug 30-Sep 1	Labor Day at Footlight Ranch
Sat-Mon	Shreveport North, PA
Sep 20	Club 1 Fly-out to Front Royal
Sat	Airport, VA
Sep 20-21	VAEAA Fly-in,
Sat-Sun	Petersburg, VA
Sep 21	Club 6 Fly-in Picnic/ Comp.
Sun	Hudgins Airpark
Sep 27	Club 250 Fall fly-in
Sat	Holly Springs, VA
Oct 18-19	EAA 186 Fall Fly-in
Sat-Sun	Winchester, VA (OKV)
Oct 11	Club 1 Fall Fly-in,
Sat	Lenn Bros Field
Oct 18	Club 1 Fly-out - Color Run
Sat	from WAP
Dec 6	Club 1 Mtg/Party, Club House
Sat	WAP - 6 PM

Dates followed by asterisks are projected and subject to confirmation by managing organization.

#### **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 aircraft flying.

#### 2002-3 CLUB OFFICERS, DIRECTORS & STAFF

President	Rich Pendergist*	540-439-6422
Vice President	Dave Riedel+	703-815-4924
Secretary	Lew Clement*	703-444-1639
Treasurer	Mike Moulds*+	703-771-7038
Past President	Larry Walker	540-347-7609
Dir, Safety & Tng	Jim Willess	540-788-4341
Dir, Membership	Phil Williams	703-361-3320
Club Artist	Jin Heidish	703-524-5265
Club Sales	Bob Van Veghel	703-651-8979
Events Coord.	Tim Stormer	703-560-8904
Librarian	Lynn Nageotte	540-361-4395
		E-mail: randyn@aba2net.com
Membership Coord	Bob Van Veghel	703-651-8979
Newsletter Editor	Lew Clement	703-444-1639
		E-mail: lclem@erols.com
		Fax:703-444-2535
Property Manager	Rich Pendergist	540-439-6422
Web Master	Paul Dwyer	703-550-7371
Terms of office:* 20	02-03 + 2003-04	l .

**ANNUAL DUES** (Jan 1 - Dec 31): \$20.00. (Includes newsletter) 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 available at \$10.00 per year to those for whom membership is impractical because of location or other inability to participate in Club activities.

**CLUB 1 WEB SITE:** http://usuaclub1.org. Note the change of the 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 as announced in the Club newsletter and on the Club web site. (Times and days may vary. Check the newsletter and/or 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 or fax as shown to the left. Deadline for receipt of submissions is <u>10</u> 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 support it. The following listed activities within 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 fly-ins.

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

Starred Items on Membership Application Must Be Completed.

#### FLYING CLUB 1 MEMBERSHIP APPLICATION - 2003

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	_ Membership
*Street or PO Box					
*City		State	ZIP		
*Telephone (H)	Telephon	ne (W)			
*Spouse's Name	*Name To Go O	n Your Name	Tag		
To Receive Your Newsletter By E-ma	il, Enter Your E-mail Address				
*USUA Member: YesNo	_ If yes, enter member number		USUA Pilot: Y	esNo	·
*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 Whic	ch You Volunteer				

(NOTE: References to Ultralight aircraft above include Ultralight-type aircraft). Starred items <u>must</u> be completed. Mail application to Mike Moulds, USUA Flying Club 1, 115 Catoctin Circle, NE, Leesburg, VA 20176, accompanied by \$20 for a full year or \$10 for membership on July 1 or later. NOTE: Information from this application will be included in the Club 1's membership roster <u>intended for internal use only.</u>

# USUA FLYING CLUB 1 May 2003

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

<b>\$49.95</b> U.S. Ultralight Association membership
includes: NAA Division representation, pilot and vehicle registration programs, insurance eligibility, instructor and Club Network listings, USUA decal, manufacturer and car rental discounts, 1-year subscription to <i>Ultralight Flying!</i> magazine.
<b>\$25.00</b> U.S. Ultralight Association membership - same as above without 1-year subscription to <i>Ultralight Flying!</i> .
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 Mastercard	Money Order	_ Visa
Account #		
Exp. Date		

United States Ultralight Association P.O. Box 667, Frederick, MD 21705

Lew Clement 46917 Grissom St. Sterling, VA 20165