

# The USUA Insider



## www.USUA.org- Looking Good...So Look Often!

### Member News And Information Summer 2003

Inside This Issue  
Of



#### SPORT PILOT & LIGHT SPORT AIRCRAFT

New Rules Are Just  
Around The  
Corner.....2,3

#### MEMBER BENEFITS Magazine

Discounts.....4

Merchandise  
Discounts.....5

Money Saving  
Coupon.....5

Hertz Discounts.....5

#### CONTESTS & RECORDS

Hempy & Wells  
Appointed As FAI  
Delegates.....6

US World Team News  
.....6

#### USUA CLUB NETWORK

Club  
Comments.....7

USUA Club 497 Makes A  
Difference.....7

#### FEATURED MERCHANDISE

USUA's Aviation Classics  
Series.....8

"I love going to the web site and now seeing daily changes." John Davis (USUA #A80191) recently wrote this statement about the USUA web site.

As part of its efforts to improve service to USUA members, the USUA web site has received some long overdue changes. In March, Bob Comperini (USUA #A16560) came on board as web master. The web site has undergone maintenance and design changes – which improved its appearance and made it easier to read and navigate. It has been relocated to a secure server for processing membership and Flying Store transactions. In addition, with the editorial assistance of Carol Plotnick, some sections were rewritten and new sections were created.

The Flying Store contains the familiar array of training materials and other aviation related merchandise. New to the Store is the addition of the PayPal service. This complements the already familiar credit card options – MasterCard, Visa, and Discover. Customers will notice when they use a credit card, they will receive a real-time notification that their purchase was either completed or

denied. Another new feature of the Flying Store is the choice of delivery services (Federal Express, UPS, or USPS).

The web site also has news articles and listings of various current events. Visitors have read about the changes at USUA headquarters, USUA members who have been mentioned in other news media, the new insurance committee, and the 2003 World Team. USUA's periodical newsletter, *The USUA Insider*, is available for either viewing on line or downloads with Adobe Acrobat. There is also an archive of previous news items.

Other additions to the web site include a frequently updated listing of USUA Clubs; a monthly club news column – compiled by Jerry Rosie (USUA #A86096); current list of USUA Signature events; downloadable forms for pilots, students, instructors and clubs; USUA by-laws; and Board of Directors/Membership meeting minutes. Even though the USUA staff has made excellent progress, they continue to work on others areas of the web site. Visit the USUA web site ([www.usua.org](http://www.usua.org)) frequently for the latest announcements, news, and updates.



**USUA Members are encouraged to visit [www.USUA.org](http://www.USUA.org) often for timely information.**

#### GET YOUR USUA INSIDER ONLINE!

If you are a USUA member and you want to receive important announcements via email, please sign up for the list by visiting our online subscription form.

## New Rules Are Just Around The Corner!

When the SportPilot/Light Sport Aircraft rules become effective, perhaps in late 2003 or early 2004, the new rules are expected to be somewhat different from the specifics spelled out in the NPRM 11133. FAA reported the public made over 4,000 comments and some of the comments will result in changes to the proposal. There are certain givens that can be counted on.



### *For instance, when the rules become effective:*



\*We know that if you want to continue flying the same two-seat aircraft (yes, you can call them aircraft now) you have been flying as a registered trainer, or that fat single seat ultralight, you will need to become a Sport Pilot or something higher in the FAA hierarchy of registered airmen -- such as recreation or private pilot. According to the NPRM, Part 103 pilots registered with USUA, with logged time, will be given credit for their aeronautical experience. In addition, they will be required to pass written, oral and practical tests to qualify for Sport Pilot.



\*We know that the aircraft you are flying today will have to be certified as a light sport aircraft experimental class, complete with an airworthiness certificate and N-number. According to the NPRM, if you operate a light-sport aircraft that does not meet the existing definition of an ultralight vehicle in 14 CFR 103.1, you have to apply for an experimental airworthiness certificate for your aircraft under this provision. Further, you will have to register your aircraft no later than 24 months after the effective date of the final rule. Your aircraft will be inspected and an airworthiness certificate issued no later than 36 months after the effective date of the final rule. You could use aircraft with an airworthiness certificate issued for this experimental purpose for sport and recreation and flight training. For a period of 3 years after the effective date of the final rule, you may operate these aircraft for compensation or hire, while conducting flight training.



\*We know that USUA Basic Flight Instructors (BFIs), who want to continue training, will eventually need to become instructors for Light Sport Aircraft or Certified Flight Instructors (CFI's). According to the NPRM, BFI's will be given a three-year period to use their BFI registration for credit in becoming instructors for Light Sport Aircraft.

\*We know that the NPRM says, that aircraft currently being used as trainers by BFI/AFI's, cannot be used for training after a certain transition period. After the transition period, the aircraft must be factory built.

\*We know that the NPRM says if you want to perform maintenance on your aircraft, you will be required to attend and satisfactorily complete a 16-hour maintenance course that will allow you to work only on your own aircraft.

---

***USUA members will soon have another regulatory option under which to fly for fun!***

## New Rules Are Just Around The Corner! /continued/

The list goes on and thousands of USUA airmen are growing weary of this long wait-and-see period. From USUA's perspective, it seems inevitable that the rules will eventually be published and implemented. USUA airmen, especially those flying two-seat aircraft or craft that are otherwise outside the regulatory limits of Part 103, should be preparing for the changes.

USUA can provide pilots with the following general knowledge and practical requirements information that may be helpful in making their transition to Sport Pilot:

**\*The FAA's Pilot's Handbook of Aeronautical Knowledge**, a handbook that provides a broad spectrum of knowledge, essential to all pilots as they progress with their training, \$18.95

**\*The FAA's Airplane Flying Handbook**, a handbook used in conjunction with the FAR/AIM manual to improve flying proficiency and aeronautical knowledge. This handbook conforms to pilot training and certification concepts established by the FAA, \$15.95

**\*The FAR/AIM Manual 2003**, which includes fundamental information required to fly in the United States National Air Space. It includes items of interest to pilots concerning health and medical facts, factors affecting flight safety, a pilot/controller glossary of terms used in the ATC System and information on safety, accident and hazard reporting. This publication is not regulatory, but it is useful in executing the proper required operating techniques and procedures outlined in other publications and regulations, \$15.95

**\*Visualized Flight Maneuvers Handbook** (for high or low wing aircraft), a handbook that provides student pilots with the basic parts of each flight maneuver required by the test standards. It covers all the required maneuvers a Sport Pilot candidate may be tested on and more, \$18.95

**\*Say again Please!**, a guide to proper techniques and use of radio communications in both controlled and uncontrolled airspace, \$19.95

If purchased together, these handbooks are available at the discounted price of \$74.95. Ask for the Preliminary Sport Pilot Candidate Transition Package. All of this material is available for purchase online in the [Sport Pilot section](#) of the [USUA Flying Store](#).

In addition, USUA highly recommends that anyone interested in becoming a Sport Pilot, whether they are a previous UL pilot/instructor or not, should be reviewing FAA CFR 14 Part 1, Abbreviations; Part 61, Certification; and Part 91 General Operating and Flight Rules. All of these regulations may be reviewed by visiting the [Rules & Regulations](#) page on our website.

Ultimately, USUA will provide a one-stop shop for information on how to make the transition to Sport Pilot. Products and services are being developed that will provide information on how members can make the transition. USUA will provide details on all the necessary steps, who to see, where to find instructors and examiners, how to get aircraft N-numbered, etc. Packages containing specific knowledge requirements and practical test standards for Sport Pilot, along with study guides and handbooks, will be available as soon as details of the final rule are known. Visit this web site frequently for updates.



*The Preliminary Sport Pilot Candidate Transition Package is now available online at The USUA Flying Store*



*Safety Through Education*

## USUA MEMBERSHIP- IT HAS IT'S ADVANTAGES

USUA Members receive many benefits for their low \$25.00 annual dues, including:

- **USUA Registered Ultralight Instructors Who Have Safely Trained Pilots For Over 20 Years!**
- **Representation Of Your Aviation Interests In Washington DC!**
- **Airman And Vehicle Registration Programs!**
- **National Club Network!**
- **Local, Regional, National & International Contests And Records Program!**

Along with these programs, USUA provides Money-Saving benefits for all your aviation needs. The next few pages detail some of these benefits. Take some time to get acquainted with all the spectacular benefits of USUA Membership, and you'll agree...

**USUA WAS THERE FOR YOU THEN,  
IS HERE FOR YOU NOW,  
AND WILL BE THERE FOR YOU TOMORROW!**

## MAGAZINE DISCOUNTS- FOR MEMBERS ONLY!

USUA offers you a choice (or combination) of the best aviation magazines on the market. With your paid USUA membership you can now receive **KITPLANES** Magazine and **UltraFlight** Magazine, as well as the **OFFICIAL PUBLICATION OF USUA- Ultralight FLYING!** Magazine, all at significant discounts from the subscription price!

To take advantage of these spectacular deals- you only need to join USUA

or renew your USUA membership, make your selection of magazine/s, and include payment. Then, begin saving money! For example: If you already receive these 3 magazines, you could be paying as much as **\$101.85**. Through this offer your cost will be **only \$69.85- a savings of \$32 off the subscription price!** That's like getting your USUA membership FREE with an additional \$7 "rebate" for good measure!



### Ultralight Flying! Magazine

~~\$36.95~~ -USUA Members pay \$24.95

**THE OFFICIAL MAGAZINE OF USUA- THE WORLDS OLDEST AND LARGEST ULTRALIGHT PUBLICATION.**

With each monthly issue of *Ultralight Flying!* you'll get all the latest ultralight news, information, flying stories and the comprehensive *Pilot's Report* on the newest fixed wing ultralights, trikes and powered parachutes.

As part of your subscription you will receive the

January **Ultralight and Microlight Buyer's Guide**- with **hundreds of different models** of Ultralights and Microlights. Photos, prices, specifications, standard features, options, shopping tips and manufacturers' addresses (including e-mail and Internet) and phone numbers are listed in a convenient, easy to read format. All this **plus** all the **regular monthly features** of *Ultralight Flying!* magazine. 12 Monthly issues. Allow 6-8 weeks for new subscription start up.

**US SUBSCRIPTIONS ONLY.**



### Kitplanes Magazine

~~\$29.95~~ -USUA Members pay \$19.95

**Interested in Light Sport Airplanes, Experimentals, Homebuilts etc.?**

The premier periodical for people interested in the most dynamic segment of sport aviation: homebuilt airplanes, rotorcraft, ultralights and other special-interest, do-it-yourself flying machines.

The magazine features pilot reports on the best kitbuilt and plansbuilt aircraft, builder surveys on the

most popular projects and annual directories of hundreds of current kit aircraft, plus homebuilder supplies and aviation electronics.

Every issue contains a wide range of topics from understanding aerodynamics to humor. The magazine addresses the subject of building your own aircraft and provides enough information to help you decide whether to investigate this possibility further. 12 Monthly issues. Allow 6-8 weeks for new subscription start up. **US SUBSCRIPTIONS ONLY.**



### Ultraflight Magazine

~~\$34.95~~ -USUA Members pay \$24.95

**How about more info on Powered Parachutes, Trikes and Powered Paragliders?**

Containing informative articles and aviation tips, *UltraFlight* Magazine is dedicated to ultralight and microlight pilots. It promotes the industry and emphasizes safety advances in technology, as well as

regulatory issues that affect the ultralight community. Articles feature pilot oriented perspectives and how-to's regarding powered paralider, powered parachute, trike and fixed wing flying. 12 Monthly issues. Allow 6-8 weeks for new subscription start up. For a **FREE sample of UltraFlight Magazine**, go to [www.ultraflight.com](http://www.ultraflight.com).

**US SUBSCRIPTIONS ONLY.**

## The USUA Flying Store

Members can find the best prices for all their training supply needs at the **NEW** Online USUA Flying Store. Books, training manuals, USUA identity items, videos, flight simulators, and more! Check the store regularly for special buys and discounted merchandise. Don't have internet access? No problem! Simply call USUA Headquarters at 301-695-9100 and ask any of our staff members for assistance. In addition to normal ground shipping, overnight service is available for those next day orders.



*See the back cover for this issue's featured merchandise!*

## Members Money Saving Coupon- Up To \$25 Off!

**Exclusive to USUA members**, every new or renewing member receives a Members Money Saving Coupon in their member packet. The coupon entitles them to either a \$25.00 discount on their first retail purchase of \$250.00 or more, or a discount of 5 to 10% off their first purchase from one of the fifteen participating vendors (see coupon for details).

USUA continues this popular membership benefit again this year with the addition of five new participating vendors: Flightstar (airplanes), IM Flyin Manufacturing LLC (trikes & propellers), Ison Aircraft (airplanes), Southern Skies (powered paraglider sales & instruction), and The New Kolb Aircraft (aircraft). The \$25.00 discount coupon is still honored by such respected vendors and long-time supporters of USUA as BRS Inc., CGS Aviation, and Leading Edge Air Foils.



### PARTICIPATING VENDERS

**BRS INC.  
CGS AVIATION  
COMTRONICS ENGINEERING  
FLIGHTSTAR SPORTPLANES  
HERSHEY SYSTEMS  
IM FLYIN MANUFACTURING LLC  
ISON AIRCRAFT  
LEADING EDGE AIR FOILS  
POWERFIN INC.**

**QUICKSILVER MANUFACTURING  
SIX CHUTER INC.  
SOUTHERN SKIES  
TENNESSEE PROPELLERS  
THE NEW KOLB AIRCRAFT  
WARP DRIVE INC.**

*USUA thanks these vendors for supporting this program by providing USUA members with added savings.*

*By using your USUA Members Discount Coupon just one time- you can save the entire cost of your USUA membership!*

## Hertz Rental Car Discounts

USUA members are eligible to receive upgrades and discounts from Hertz Rental Cars. To take advantage of the year round discount program for USUA members, simply mention the special CDP# (printed on your Hertz coupon) when making your reservation. Then, present the coupon when you get to the Hertz counter. It's that simple.

### **ONE CAR CLASS UPGRADE**

Your USUA membership entitles you to *one car class upgrade* when reserving a mid-size through full sized car. If a car from the next higher class is available, you'll be driving it at the lower rate!

### **\$10 OFF A WEEKLY RENTAL**

If that wasn't enough- you can also receive \$10 off when you reserve a mid-size through full sized car for at least 5 consecutive days, including a Saturday night at Hertz Standard or Leisure Weekly Rates. These services are subject to availability and some limitations- so call Hertz at 1-800-654-2210 for the particulars.

USUA- There for you then, Here for You now, and there for you tomorrow!





United States Ultralight Association  
National Aeronautic Association

Fédération Aéronautique Internationale

Throughout the history of aviation, pilots have sought ways to compete against one another, testing and comparing their piloting and navigational skills in spirited, exciting, and fun ways. Many have also sought to do that which no one else has achieved... farther, higher, faster, etc. and their names and achievements have been recorded in the aviation record books.

Ultralight pilots have an opportunity to compete and set records in a wide variety of organized national and international programs designed to enhance their experience in the sport.

FAI colibri badges are international standards of achievement and proficiency which recognize your successful completion of specific flying goals.

The FAI is the world sport aviation governing body which recognizes USUA as the sole representative in America to supervise FAI related ultralight and microlight flying activities including the issuance of colibri badges. USUA is the exclusive source in the United States for these prestigious internationally recognized awards.

## Hempy & Wells Appointed As Delegates To FAI

Dave Hempy, 2001 World Air Games participant, and Paul Wells, 2002 U.S. National Microlight Championships bronze medallist, have been appointed U.S. Delegate and Alternate to the Fédération Aéronautique Internationale's (FAI) Microlight Commission. In the words of Donald J. Koranda, President of the National Aeronautic Association, their appointments are "important not only to the members of USUA but to NAA as well. The fact that you were selected for (these positions) indicates that you have the trust and respect of your fellow air sport members. The debate and decisions you will participate in at the commission level will have a real impact on your fellow American air sport enthusiasts and on the world air



US Delegates To FAI:  
Dave Hempy- Delegate Paul Wells- Alternate

sport community at large. We encourage you to participate, and to take full advantage of the resource available from your own air sport organization and NAA.

Dave has a broad background in ultralight competition, and is a past USUA Regional Representative from Region 6 (Great Lakes).

In addition to the competitions Paul has been involved in, he is also the USUA Regional Representative for Region 5 (South Central).

These two appointments are part of USUA's response to the request of our members for an increased involvement in local, national, and international competitions.

## US World Team News

The 9th World Microlight Championships will be held between August 23 and 31, 2003 at Long Marston Airfield near Stratford-upon-Avon in Warwickshire England. U.S. World Team members and assistants have paid for their own entry fees and will pay for their own expenses. However, the team *urgently* needs your help.

They need to raise \$10,000 for the World Team Fund. This money would help cover the cost of sending them and their aircraft to and from England.

Please note, that all donations received from interested individuals, manufacturers, and clubs are deposited into a special savings account and reserved only for use by the World Team.

To donate using Discover, Mastercard, Visa or Paypal, go to our [Online Donation Form](#).

To make a donation by check, send your check (payable to the

"World Team Fund") to:

**World Team Fund**  
c/o USUA  
P. O. Box 667  
Frederick, MD 21705-0667

2003 Microlight Team Members:

**Weight-Shift Solo:** Dan Grunloh and Dave Hempy  
**Fixed-Wing Solo:** Steve Bensinger, Jon Jacobs, and Jack McCornack  
**Assistants:** Donald G. Cooney, Russell M. Hauser, Janine Ladick and Sharon Westcott  
**FAI Official:** Tom Gunnarson

For more information about the World Championship, please visit [www.wmc2003.org](http://www.wmc2003.org).

## Club Comments by USUA Executive Vice President Rich Pendergist

Finally, USUA Club 1 got to have a club event. After months of being rained out, we had a beautiful day, calm winds, not too hot, lots of flying, no incidents, good food, good friends. Club volunteers did a superb job of coordinating the event. The safety officer provided the safety/weather briefing. The volunteer cooks rounded up the chow and our old friend showed up to do quality control on the burgers.

Gatherings like this are common for our club here in Virginia. The good news is that all across the country USUA Clubs are getting together for similar fun times associated with flying.

These days when there is a gathering of those who fly the little airplanes that we do, the talk will quickly come around to Sport Pilot and the Light Sport Aircraft rules. It did the day we had our club Poker Run and when it did I had thought: It occurred to me that it is not going to matter whether they call us Ultralight Pilots or Sport Pilots and whether we are flying ultralights or light sport aircraft ... things just don't have to change much at our clubs and clubs like ours. We will still be the same bunch of people, flying the same brightly colored, low and slow airplanes and we will have the same old priorities, which are to get together for the fellowship, camaraderie, support and safe, fun flying that we have always enjoyed.

It is gratifying to me to know that no matter what regulations they impose on us we will always have these reasons to hang out. And it occurred to me that it has nothing to do with Part 103 or the new and mysterious sport pilot regulations ... to be sure, it is the joy of flying and the people that travel in the same circles that make it all so enjoyable.

The FAA keeps saying there will be a formal announcement about the new rules very soon. It is reportedly, still being developed by the FAA and has to be reviewed by two more government agencies before it can be signed into existence. No matter when it happens it will mean making some changes in the way we stay legal.

I recommend that you stay close to the USUA clubs and to USUA as the new rules surface and start being implemented. USUA is working hard to help all of those people who choose to make the transition, do so with as little hassle and guess work as possible. Club members can work together to insure everyone is doing the right stuff during this dynamic time.

For those folks who can keep their vehicles down to Part 103 standards, things may not change much. However, there is talk about a weight exemption that may increase the weight allowance for a part 103 vehicle. This will, reportedly, happen sometime after the sport pilot/light sport aircraft rules are in effect.

So while we have lots of changes coming up, a comforting thing to remember is that the character of our clubs will still be the same. We will still be getting together on a sunny Saturday for a spicy hot dog or a burnt burger and to either talk about flying or go punch holes in the sky just for the heck of it. While we don't ever need a reason to fly our neat little airplanes, it is always seems just a little more fun when we do it together.

---

## USUA Club 497 Makes A Difference

Airport issues are a growing concern for many aviators. However, it's encouraging when we hear about the cooperation on these issues between a local flying club and government officials. A good example of this is the account that Billy Patterson, president of the Ultralight Flying Objects (Club 497) of Central Texas, recently brought to USUA's attention. "When we formed our club in April of 1997," Billy wrote, "only two of the eight hangers had doors, the airport was hardly ever mowed, the runway was grown up badly with grass, there was no bathroom facility and the place was basically dying a slow death." Since that time, this club has accomplished a lot. "We received a \$330,000 TxDOT grant to resurface the 3,300 foot runway, construct a 50 x 100 foot turnaround at each end of the runway, resurface the apron area, construct a new 25 foot wide roadway completely around the existing T-Hangers and re-striping of all of the above. We have also received verbal approval of a matching 50/50 RAMP grant to help the club construct a new 20 x 30 foot pilots' lounge. My partner and I have just begun the construction of a 50 x 60 foot hanger from which we will operate both GA and Sport Pilot training."

In addition, Billy points out that it was the club, not the city, which received the grant for constructing the pilots' lounge. Thanks to the efforts of this energetic club, not only have they saved, but they have also *improved* the facilities of a local airport!

For more information about the club, visit their website [www.ufosofcentraltexas.com](http://www.ufosofcentraltexas.com).



**USUA Club 497- Ultralight Flying Objects Of Central Texas  
Planes in the air and on the ground.**

## FEATURED MERCHANDISE FROM THE

# USUA's AVIATION CLASSICS SERIES

for your library...



### ***Birdflight as the Basis of Aviation\**** by Otto Lilienthal

An unabridged reproduction of Otto Lilienthal's landmark work, which established the foundation of aerodynamics and flying. Lilienthal was the first to methodically approach the problem of human flight, and the first experimental test pilot. When the Wright brothers read of his death in a gliding accident in August 1896, they got inspired to dedicate themselves to unraveling the mysteries of flight, and considered Otto their hero. Features over 100 fascinating drawings, graphs, and diagrams, and many historic photos of Lilienthal flying in the 1890s.  
110 illus., 176 pp. **\$19.95.**

### ***Ultralight Flight- The Pilot's Handbook of Ultralight Knowledge\**** by Mike Markowski.

Covers the fascinating history, aerodynamics, handling qualities, and performance of ultralight airplanes, and how you can get the most out of flying them. It'll help you understand the air, and clearly explains technical subjects in an easy-to-read style that will help you be the best pilot you can be.  
150 illus., 206 pp. **\$19.95.**

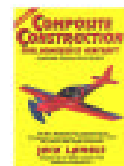


### ***Ultralight Airmanship-How to Master the Air in an Ultralight\**** by Jack Lambie.

Learn how to make the right decisions in the air. Lambie, the pilot's pilot, helps you "see" the air and "shake hands" with the wind, and teaches you how to become the best pilot you can be. Jam packed with easy-to-understand diagrams depicting many important aspects and techniques of ultralight flight that every pilot needs to know  
80 illus., 144pp. **\$14.95.**

### ***Composite Construction for Homebuilt Aircraft\**** by Jack Lambie.

This comprehensive manual shows you the techniques of working with plastics in homebuilt kit airplanes. Lambie's humor and sound judgment are ideal for any avian dreamer. It's loaded with graphs, drawings, diagrams, and photos that show you how.  
300 illus., 240pp. **\$19.95.**



### ***Rubber Powered Model Airplanes\**** by Don Ross

This complete guide covers simple beginner's trainers through gradually more complex designs, including winning scale and duration models. Build a model then build the real thing. Great for kids that you'd like to get interested in flying. Great for adults for when they can't fly the big ones.  
133 illus., 168pp. **\$14.95.**

### ***Flying Models\**** by Don Ross

This comprehensive companion to *Rubber Powered Model Airplanes*, covers electric power, CO2, Micro R/C, and compressed air models. Easy-to-follow explanations break complex processes into simple steps anyone can use to become a better-than-average builder and flyer. An incredible treasure trove of information.  
140 illus., 240 pp. **\$19.95.**



Visit The USUA Flying Store at [www.usua.org](http://www.usua.org) to place your order!

United States  
Ultralight Association

PO Box 667  
Frederick, MD 21705



The USUA INSIDER is produced and published by The United States Ultralight Association, Inc. for sole use by it's members.

Copyright © 2003 United States Ultralight Association, Inc PO Box 667, Frederick, Maryland 21705 (301) 695-9100

All rights reserved. Reproduction by others is prohibited unless expressly authorized by the publisher.