



Volume 07 - 06

June 2007

FROM THE LEFT SEAT Len Alt, President

Greetings! Hope you are enjoying some great flights. The weather has been excellent recently and the air field has been very active.

Last weekend at Warrenton Air Park we had an incident that could have proved disastrous. An aircraft took off with a young passenger and shortly after take off had a critical structural component separate from the aircraft, causing an immediate and uncontrolled crash to the ground. Very fortunately neither the experienced pilot nor first time passenger were injured. The cause of component separation may have been evident but undetected during the pre-flight inspection. We have all heard of critical safety items missed during pre-flight, and may have experienced a personal lapse. Please take the time for a thorough and effective pre-flight inspection every time you fly.



Phil Hyland enjoying the WAP air



"Experienced" pilot flies by

Please plan to join us for our annual Memorial Fly In at Warrenton Air Park. This is our traditional recognition of flying friends no longer with us. We will observe a short tribute to our friends, and celebrate them with some flying and a cook out. Please join us, and bring your families. We'll start the meeting at 11:00 A.M. and follow that immediately with the cookout and more flying.

Fly smart. Fly safe.

Field Trip

*Federal Aviation Administration Air Traffic Control Center, Vint Hill Farms Station, Virginia
May 6, 2007*

By: Jim Birnbaum/Pete Bastien



FAA Traffic Control Center Vint Hill Farms Station

We would first like to thank Mel Bearns for coordinating this tour with his friend Mark Nesfeder and to thank Mark for taking the time off position to conduct the tour. While we had a small turnout, the tour itself was interesting and provided insight into how air traffic is managed. The Potomac Tracon facility is located at Vint Hill Farms and has been in operation for less than 10 years. It provides approach and departure control services for all air traffic arriving or departing Dulles, Ronald Reagan, Baltimore, Andrews, and Richmond. Formerly, each of these airports had its own approach and departure control facility located at the airport. Combining the individual facilities into one centrally-located facility results in a more efficient use of people and technology.

Any aircraft approaching one of these airports must contact Approach Control for that airport on the appropriate frequency. At some point near the

airport, usually when the aircraft is established on its final approach, Approach Control will instruct the aircraft to contact the tower, which then issues landing instructions. When departing the airport, it happens in reverse: the control tower issues takeoff instructions, and shortly after takeoff, will advise the aircraft to contact Departure Control for further instructions. At some pre-determined distance from the airport, Departure Control will hand the aircraft off to an enroute facility (Washington Center, for example), or, if the aircraft is VFR, will advise it to “proceed under own navigation”, at which point the pilot is free to enjoy all the prerogatives and responsibilities of properly positioning his or her aircraft in three-dimensional space.

The majority of the tour participants were expecting to see communication towers and radar antennas. The Tracon facility has no antennas and, as we found out during the tour, all communications and radar is piped in remotely from antennas located for the most part in the vicinity of the major airports it supports. This facility also provides training for new air traffic controllers. It has a simulation training room with approximately 10-15 positions on which new air traffic controllers are trained using simulation software. Mark indicated that it can take up to a year to train new air traffic controllers and there is a large washout rate. The new air traffic controllers attend a basic course in Oklahoma before coming to this facility. The air traffic controllers then train on the simulation positions until they are considered qualified to operate active positions. Therefore, the training length for air controllers can vary depending upon an individual’s progress. However, those that take too long or don’t appear to have the aptitude are washed out. The FAA currently is short of controllers and overtime is frequently required. The shift work, low starting pay, and the pressure of the job results in a large turnover rate. . . . “Its more enjoyable controlling an airplane from within the cockpit?”

ADVISORIES

May Meeting – Minutes

USUA Flying Club 1

May 5, 2007

Warrenton Airpark (V7GO)



Inside the Tracon Facility

President **Len Alt** opened the meeting (11:05 AM) in the cedar grove picnic area, under the threat of rain. Len noted that he and several others had flown earlier this morning (powered paragliders and parachutes).

New Member: Mike Blackwell – He flies out of W-66 and the owner of a new Six-Shooter.

Secretary report

Jim T. Hill – No changes in the Minutes published in the May news letter.

Treasurer's report

Jim Birnbaum – Significant expenses this month of \$2,622.42, which includes the purchase of the golf cart (\$2,500). Income was low (\$63.00), with a current balance of \$2,625.92.

Officer's reports

None

Len Alt – Still need coordinator for Memorial Fly-In, also provided a sign-up sheet for other projects as well. Len tentatively will be the Memorial Fly-In coordinator if no one steps up. If no one steps up for future openings these events will be canceled.

Cart Report

Dave Riedel – Only adult members of Flying Club 1 may use with signed waiver of liability. Other details on driving golf cart, see Dave.



USUA Club 1 members and tour guide, Mark Nesfeder

Status of Warrenton Airpark

Tom Richards – Tom is not working full time and he looking forward to the summer. The Number One priority is getting the roof on the far hanger (45 x 80 ft, single hanger, 3 doors). Closer hanger will be up with the roof completed perhaps by the end of May (45 x 168 ft, interlocking T). A third new

hanger is in the planning stages. Tom thanked those that have helped building/roofing the hanger; as well as mowing and general maintenance here at WAP.

Due to the increasing rain the meeting moved to Jim T. Hill's hanger.

General information:

Len Alt – Tour tomorrow (May 6, 2007) at 11:00 AM at the Potomac Approach facility in Flint Hill, VA arranged by Mel Bearns.

Len Alt – Noted USUA's 16 hr repairmen's course see flyer

Len Alt – **Six Flags** coupons available for \$20 off

Len Alt – Phil Highland is the clothing representative and has some samples on site.

Buck Buchanan – FAA's Report on the use of ethanol is available.

Directors' report:

Phil Williams - Phil described his personal search for Jim Willess, and provided visual descriptions (digital pictures) of the area of search which included parts of New Mexico and Texas and the Guadalupe Mountains. It is a wilderness area without water, roads, or people and is hostile to either land or air searches. Although it has been over two months neither Jim Willess nor his airplane have been found. The Club will continue to aid in the search, however there will be no major search party (just kind of of like working a knot a little bit at a time).

Len Alt - President closed the meeting at 12:17 PM and Club members adjourned to the picnic area for burgers and dogs grilled by **Dave Riedel**.

Respectfully Submitted

Jim T. Hill

ACTIVITIES

2007 FLYING CLUB 1 ACTIVITIES SCHEDULE

Designated Club meetings will be held the first Thursday of each month in the Centreville High School, Union Mill Rd., Centreville, VA, at 7:30 PM. Others will be held at the Warrenton Airpark as shown in the 2007 schedule. Changes in time or location will be posted in this newsletter and on the Club website.

Jun 2, Sat Club 1 Memorial Fly-in, WAP

Jun 7, Thur Monthly Meeting, CVHS

Jun 15-17, Fri-Sun Fathers' Day Fly-in, Footlight Ranch

Jun 23, Sat Club 1 Poker Run, WAP

Jul 7, Sat Monthly Meeting & Family Picnic, WAP

Aug 4, Sat Monthly Meeting, WAP

Aug 12, Sun Club 6 Fly-in, New Quarter Farm (NQF)

Sep 8, Sat Monthly Meeting, WAP

Sep 15, Sat Club 1 Fly-out to (TBD)

Oct 6, Sat Club 1 Fall Fly-in & Monthly Meeting, WAP

Oct 13, Sat Club 250 Fall Fly-in, Holly Springs

Oct 13, Sat Club 1 Color Run

Nov 1, Thur Monthly Meeting, CVHS

Dec 1, Sat Club 1 Monthly Meeting and Holiday Party

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

2006 Club 1 Members

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

CLASSIFIEDS

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

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

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

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

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

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

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

FLIGHTSTAR 11SL- Bluehead Rotax 582 w/E-gearbox. 86 hrs. All upgrades completed by Lockwood Aviation. Advanced EIS w/vertical speed, Alt, Tach, EGT, CHT & water temp, turn/bank. Flaps, trim and BRS 1050. Magellan GPS, ICOM A5 radio, headsets and Sigtronics intercom. IVO prop, strobes and Hobbs meter. Sails are clear-coated. A beautiful plane and excellent flier. Always hangared. \$16,000. Can assist in delivery. (434)298-3940 or <jkriley904@earthlink.net>. Located in Blackstone, VA23824. (10/06)

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

1996 FISHER DAKOTA HAWK.

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

HANGAR FOR SHARE - at Warrenton-Fauquier County Airport (W66). Concrete floors, metal bi-fold doors with electric opener, paved access, fuel, electric service and good lighting. Monthly Rent: \$178 each TWO spaces available Inquiries: Ralph E. Kew 202-437-1580 (03/07)

BLACKHAWK PARAMOTOR - New Blackhawk paramotor with a new rebuilt blackdevil motor, brand new fram, cage and harness. Motor has new-everything: piston, rings, bearings, redrive bearings. Never flown. \$3995.00 Inquiries: Michael O'Daniel 540-270-8855 onegooddoc@starpower.net (05/07)

TOOL BOX/CHEST - 3 drawers and top space. 8.5"D x 12.0" H x 20.5"L. Drawers and top lined. In good condition. \$20.00

(see picture below)

Inquiries: Lew Clement lclem@falconsresidents.org (06/07)

TOOL BOX - w/ tray insert, 8.25"D x 9.5"H x 20.25"L. \$8.00

(see picture below)

Inquiries: Lew Clement lclem@falconsresidents.org (06/07)

FLIGHT JACKET - Air Force style MA-1, size Large.
Grey-green w/ orang liner. Like new. \$40.00
(see picture below)
Inquiries: Lew Clement lclem@falconsresidents.org
(06/07)



*Flight Jacket for sale by Lew Clement
lclem@falconsresidents.org*



*Tool Box/Chest for sale by Lew Clement
lclem@falconsresidents.org*



*Tool Box for sale by Lew Clement
lclem@falconsresidents.org*

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

USUA FLYING CLUB 1 GENERAL INFORMATION

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

2007-2008 CLUB OFFICERS, DIRECTORS & STAFF

President Len Alt*	703-467-0586	
Vice President	Pete Bastien+	703-568-5778
Secretary Jim Hill*	540-659-8366	
Treasurer Jim Birnbaum+	703-361-7478	
Past President	Dave Riedel	703-815-4924
Dir, Safety & Tng	Jim Willess	703-945-9314
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: +2007-08 *2006-07		

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.

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All members are encouraged to provide an e-mail address to the Club. It is our best means for fast communications with a large number of Club members in minimum time.

We welcome you to USUA Flying Club 1 and hope your membership will be rewarding to you in flying and fellowship.

*Name _____ New__Renewed__Regular__Family__Membership

*Street or PO Box _____

*City _____ State _____ ZIP _____

*Telephone (H) _____ Telephone (W) _____

*Spouse's Name _____ *Name to go on your Name Tag _____

To Receive Your Newsletter by E-mail, Enter Your E-mail Address _____

*USUA Member: Yes__No___. If yes, enter member number _____ USUA Pilot: Yes__No__

*UL Registration # _____ *Aircraft Liability Insurance _____

Type aircraft _____ Stored/Flown From _____

Other Ultralights (Owned or Flown) _____

Flying Hours: Dual UL _____ Single UL _____ Conventional _____

*Club Activities or Services for which you volunteer _____

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

USUA FLYING CLUB 1

June 2007

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

_____ **\$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 choice 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

Jim Birnbaum
8570 King Carter Street
Manassas, VA 20110-4888