



The Flyer



Volume 48, Issue 3

Experimental Aircraft Association Chapter 44

March 2017

MORE HOT AIR FROM FLORIDA

by Dave “Capt. Crosswind” Hurd

An email from our erstwhile newsletter editor requesting something for the monthly update has reached my in basket, so I thought I’d write something down while trying to keep cool. It’s currently in the mid 80’s.

Normally I hesitate to report from here, as I don’t want to sound like I’m crowing about being here whilst all y’all are freezing your kneecaps off.



But as I write this, the conditions in Rochcha-cha are reported as 65° overcast with the high going to 71°, which strikes me as awful good for March 1. (Actually, that’s not bad for May 1.) It’s warmer than normal here too with temps in the mid 80’s and dew points in the low 60’s.

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TROPICAL BREEZES

by Norm Isler, CEO of Thank You’s

Two words that we usually don’t think of here in the Brockport area this time of year, unless of course we plan to travel someplace south of here. But this year, both words are very appropriate. And they have one thing that ties them together.

Tropical – Last month we found that our furnace that provides heat to the “Great Hall” at the SAC had outlived its usefulness. Multiple holes in the heat exchanger meant the risk of combustion gas escaping into the heated air and causing health problems in the Great Hall. We now have a brand new furnace, all installed and ready to provide us with TROPICAL temperatures in the Great Hall, and no worries of exhaust gasses in the wrong place.

Breezes – This week saw winds second only to one gust recorded in the history of wind in the Rochester / Brockport area. Sustained winds in the 60+ range, and one gust at Greater Rochester International Airport recorded at *81 miles per hour*. Wow! It was one of those days that it is “Better to be on the ground wishing you were in the air, then in the air wishing you were on the ground!” Several commercial airliners realized that and diverted to other cities to avoid the Rochester breeze.

Continued on next page.

DUES ARE DUE! It is already March and many members still owe their dues for the year. Please send a check to Treasurer Gail Isaac or see her at the General Meeting. Thank you for your support of Chapter 44.

Mission: EAA Chapter 44 is a tax-exempt 501(c)(3) organization of aircraft builders and aviation enthusiasts in Western New York dedicated to promoting aviation and encouraging participation in aviation-related activities. These include designing, building and restoring aircraft, education, advocacy and youth outreach programs. We promote flying with high standards of safety in an environment that supports freedom, family and personal fulfillment.

I am glad to say that the SAC survived the repeated blasts of air without any damage to speak of, other than losing power as so many of us did. By the time our BoD meeting rolls around on Tuesday, we should be in fine shape.

So what ties these two words (and events) together?

One person took the time to make sure the furnace was inspected in a timely fashion. And when it was determined that the furnace needed replacement, one person was there to meet multiple potential contractors, analyze their proposals and make a recommendation to the BoD which proposal to go with. When the time came for the new furnace to be installed, that same one person was at the SAC to oversee the installation and make sure all went well.

The same “one person” has been on site many times each month to be sure all at the SAC is kept airworthy (I was going to say “ship-shape”, but “airworthy” seems more appropriate to this group!) Not only does this person compile an ongoing list of things that need doing, he also oversees the efforts to keep the place looking sharp, and often shows up on his own time to do assorted projects. He even got to the SAC before I could get there this week to make sure all was well after the storm.

Who is this mystery man? Up in the air! Is it a bird? Is it a plane? No, it's Super SAC Man! Otherwise known as mild mannered Kevin Arganbright! Kevin, **Thank You for all you do.**



Kevin (r) with Young Eagle Aviation Camper.

HANGAR FUND CHALLENGE ALTIMETER

For every dollar donated to our Hangar Fund, an additional dollar will be matched by an Anonymous Donor now through December 31, 2017.

Total gifts received as of March 12th toward the \$10,000 challenge is \$4,500.



Now that our Altimeter has broken the \$4,000 threshold, our Anonymous Donor has added their fourth \$1,000 match to the Hangar Fund. At every \$1,000 milestone our Donor will add their matching \$1,000.

We have only 9 months left to meet OUR challenge and we are not yet at 50%. Let's not lose the opportunity to earn the Donor's matching support. Make your tax-deductible donation payable to “EAA Chapter 44” and put “Hangar Challenge” in the memo line. Mail or give your donation to Treasurer Gail Isaac, 6 Clearview Dr., Spencerport, NY 14559.

Thank you to our Anonymous Donor and thank you to YOU for your support of the Sport Aviation Center Hangar Fund.

LETTER TO THE EDITOR

I am a new member of EAA 44, just joined at the end of last year. I have been a member of EAA since 1991 and finally decided to join a local chapter.

In February of last year I purchased a Zenith CH701 kit from an estate sale. I had been interested in the CH750, but I got such a good deal on this kit that I could not turn it down. I have been working on it for a year now, and have the wings, horizontal tail and rudder completed. I also have most of the fuselage completed and am working on some of the controls.

I hope to have it completed this spring or early summer. If anyone is interested or has questions on this airplane, I am usually available most anytime. I am in Medina. Ray Smeal. phone 585-721-2073. I'll be at the March general meeting.

More Hot Air continued

This morning the Winter Haven Pilots' Association flew up to Crystal River (KCGC) for our usual Wednesday lunch. We try to go in the mid morning so as to get back before the thermals get rough. Flight up was nice and smooth at 4,500', but by the time lunch was over, and we had finished our purchase at the FBO – Miss Becky gets a T-shirt from each of the places we go for lunch – the heat was on, and the thermals were rockin' and rollin'. Density altitude must have been up there too, as acceleration was not as crisp, and climb rate was suffering a bit. Went all the way to 7,500' for a nice smooth, and cool ride back. The lesson is to be aware of the density altitude, even when the airport elevation is a mere 45 feet above sea level. Terrific FBO there with all kinds of Naval Aviation memorabilia and a very active flight school.

About 2 and a half weeks ago the Saturday lunch fly out (we eat a lot) was down to Sebring (KSEF) which is right next to the famous auto track. It used to be a B-17 training base in WW-II. There was a flight of 3 coming in at the same time from Spruce Creek, a fly in community up near Daytona. We met up with the group, and there was this guy named Rob Williams flying his Piper. He says he used to be president of Chapter 44 – twice. We had a swell time conversing with the group. Seems another one of them is from Caledonia, keeps his airplane at LeRoy in the summer, and his wife shops at the same quilt store as Miss Becky. Come to Central Florida and meet people who live 10 miles away from you at home.

Another airport with a good restaurant (did I mention we eat a lot?) is in Bartow (KBOW). Like so many of the municipal airports around here it also was a training base in WW-II. They trained P-51 pilots there, and they have a really neat museum.

I help out the local EAA chapter here with their fundraising effort. They sell tie-downs at Sun'n'Fun, or SnF as we call it. Seems the city of Lakeland mandates all aircraft be tied down, as a few years ago a big storm came through and really ripped the place up. So if you go to Lakeland for SnF, look for the guys in the tie-down golf cart. Might be yours truly.

Do YOU know what this new building is in the woods on our airport? Find out next month as new member and investigative cub reporter James Olsen gives us a behind the scenes look at this facility. All is NOT what it seems!



OLD GOAT DROPPINGS

by Art Thieme

Just say no. Tom Johnson, Soaring March 2017, tells what happened to him as a naval aviator when he spoke those words at a squadron safety meeting. After his safety briefing his Commanding Officer got up and reamed him a new one. Johnsons' point was that in normal operation no flight was so important that it had to be flown. His CO explained in no uncertain terms that he was wrong and operational needs will override safety if the operation requires it.

He now flies for Boeing but the situation is the same. FAR 91.3 states that the pilot is in command and is responsible for the safe operation of the aircraft. Pressure in the commercial world is real as it means money if you don't fly. Do you cancel if one brake is not operating correctly? What if the crosswind is a little too strong, what if the RPM drop is a little too high? If there is doubt there is no doubt. Just say no. I think there may have been a time or two when I had doubt but the weather was great and I was only going to fly around the patch. Ever happen to you?

When the Wright Brothers flew the first powered flight they used wires and pulleys to bend and twist the wood and canvas wings. Now we use ailerons to serve this purpose. But engineers at MI and NASA are working on a bendable "morphing" wing. This project is based on a system of tiny lightweight subunits that could be assembled by a team of small specialized robots.

The wing would be covered by a "skin" made of overlapping pieces that might resemble scales or feathers. The actual design and building of this wing escapes me. Info by David Chandler, Soaring Tech Corner, January 2017

Age doesn't matter unless you're cheese.

Old Goat, out.

Editors Note: I did a Google search on "MIT NASA morphing wing" and found lots of stories about it. This one seems to have the best photos of the wing structure and a video of it in motion. It looks like wing-warping to me. The video shows the wing "morphing" into ailerons, flaps, and speed brakes. Go to:

<<http://news.mit.edu/2016/morphing-airplane-wing-design-1103>>



New member James Olsen sent in this photo of a Waco CSO on floats flying over the Finger Lakes (so said the photo caption.) Does anyone know of this plane?

The photo was found on the internet, source unknown. Apologies to the photographer for lack of credit. Let me know its yours and I'll recognize you.

**EAA Chapter 44
Board of Directors' Meetings
13 February 2017**

Board Members Present: Isler, Clayton, Nelligan-Barrett, Hazen, Horne, Englund, Arganbright and Peters

Other Members Present: G. Isaac

Reports:

- President (Norm Isler)
 - As the February General Meeting has been canceled due to the furnace issue, Art Thieme and his daughter Susan Vicari, who was going to provide the February meeting chili dinner, have agreed to do the rain check meal in March. Samantha Horne agreed to be the March Meeting speaker and will discuss her recent journey in obtaining her instrument rating.
 - Norm has updated the Young Eagle pilot plaques for the three Chapter 44 pilots who participated in the 2016 Young Eagle Rally.
 - To facilitate the scheduling of the General Meeting meals, a sign-up sheet will be circulated at the March meeting. Norm will ask for a volunteer(s) to be the speaker seeker and also the “trip” coordinator at the March meeting.
- Treasurer (Gail Isaac)
 - The January report was read and approved as per motion of Phil Hazen, seconded by Frances Englund, passed unanimously.
- Secretary (Jeff Peters)
 - January minutes, as amended, were read and approved via an e-mail vote. To facilitate the timely publication of the approved minutes in the Chapter Newsletter, Jeff Peters agreed to distribute an e-mail draft of the minutes to the Board within two weeks

Business:

- Capital Campaign (Rob Williams)
 - No Report.

- Building Committee (Kevin Arganbright)

Kevin and Norm led a discussion re the need to replace the Great Room furnace as well as the furnace requirements and replacement options and timing (the new furnace must be installed and operating prior to the next BOD meeting – March 14th.) Mike Clayton made a motion to authorize Kevin Arganbright to obtain quotes from 3 furnace contractors and to distribute the quotes to the board within 1 ½ weeks via e-mail. The board will then conduct an e-mail discussion re the quotes as well as an e-mail vote. The motion was seconded by Frances Englund and passed unanimously.

- Chapter Web Site (Phil Hazen)
 - No report

New Business:

- To facilitate the process of canceling a General Meeting, primarily due to adverse weather, the Board agreed to send out an e-mail blast to the membership no later than 4:00 pm on the day of the meeting. A limited number of designated members who have been identified as either not having or limited access to e-mails, will be contacted by phone or another suitable method. The membership will be notified re the new policy via the newsletter, an e-mail blast and general meetings. Members will be encouraged to check their e-mails on meeting days with potential adverse weather or other environmental conditions.

- Norm led a discussion re a variety of anticipated chapter activities and events for 2017 including the chapter calendar, the Sport Aviation Camp (August 7th – 11th), a potential joint chapters 44 & 46 aviation museum bus trip to Washington, D.C. (Sept/Oct.), fly-outs, Young Eagle events (June 3rd or 4th, July 15th or 16th, August 12th or 13th, and September 16th or 17th), and other activities. Due to the number of events, coordination of the event leaders will be necessary. A potential conflict may be the Geneseo Airshow on July 15/16. As the 50th anniversary of the Ledgeale Airpark will occur on June 3rd, the board discussed the opportunity of combining the Young Eagle Rally in the morning with a fly-in and local community celebration of the airport in the afternoon.

CONTACT EAA 44



The Flyer is published monthly. For an electronic copy, go to <eaa44.org> and enter your email address where requested. For a mailed hard copy (\$10), contact Treasurer Gail Isaac. For membership info, contact Treasurer Gail Isaac

Stories and photos by the editor unless otherwise noted. Article deadline is 1st Tuesday of the month. Send submissions to Editor Bob Nelligan-Barrett.

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EAA 44 is a 501(c)3 organization.

Gifts of cash, securities or other property to the Chapter for the benefit of the Sport Aviation Center are welcome and fully tax deductible.

Contact Treasurer Gail Isaac for details.

LOCAL
AVIATION EVENTS

Be sure to follow The UpstateList- New York's Aviation Calendar at: <upstatelist.org> for other aviation events in the area.

AOPA ASI

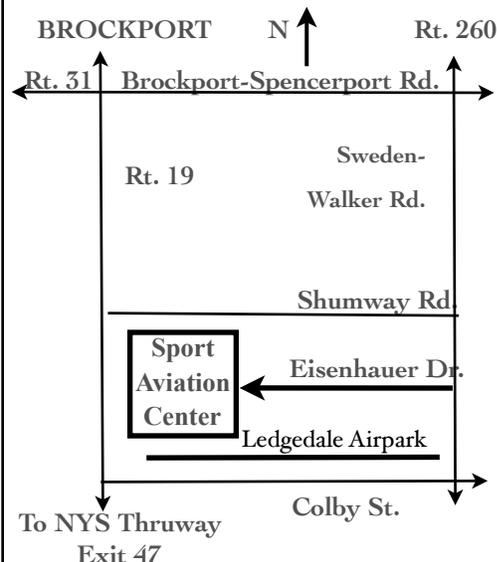
SAFETY SEMINAR

Thursday May 11, 7 PM-9 PM

“Non-Towered Case Studies: What Went Wrong?”

Flying at non towered fields is a balancing act. Especially on busy days, it demands concentration, communication, sharp eyes, solid stick-and-rudder skills, and the ability to improvise at a moment's notice. Sometimes the margin for error can be very slim.

With that in mind, ASI's new seminar turns a spotlight on real-life accidents in the non towered environment. Together with our expert presenters, you'll play the role of accident investigator—starting at the crash scene and working backwards through physical evidence, eyewitness testimony, and other leads to figure out what went wrong, and why.



EAA 44 Calendar



NEXT GENERAL MEETING

Tues. March 21

Art Thieme and his Daughter Susan Vicari are graciously providing a hot chili dinner for us on a cold March night.

Samantha Horne will talk about her experience earning her Instrument Rating.

Please bring a side dish or dessert to compliment our meal. Thank you.

Mar 11 SAC Work Day
Mar 14 Board Meeting
Mar 21 General Meeting

April 8 SAC Work Day
April 11 Board Meeting
April 18 General Meeting

May 11 AOPA Safety Seminar

June 3/4 Young Eagle Rally

July 15/16 Young Eagle Rally

Aug 7-11 Sport Aviation Camp

Aug. 12/13 Young Eagle Rally

Sept. 16/17 Young Eagle Rally

Trip to NASM/Udvar-Hazy TBD

Ledgedale 50th Anniv. June TBD

All activities take place at the Sport Aviation Center, & are free & open to the public unless otherwise noted.

Sport Aviation Center

44 Eisenhower Dr. 14420

Brockport Airport/

Ledgedale Airpark (7G0)

43° 10' 56" N 77° 55' 1" W

Board Meetings

2nd Tuesday of the month, 7 PM

General Meetings-

3rd Tuesday of the month

\$5 Dinner 6:30, Meeting 7:30

SAC Saturday Work Days

2nd Saturday, 10 AM

Bob Nelligan-Barrett
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