



The Fly



Volume 51, Issue 4

Experimental Aircraft Association Chapter 44

April 1, 2019



YOUNG EAGLES 2019

by Elise Isler, Young Eagle Coordinator

The Young Eagle season is beginning! **Our scheduled dates are June 1, July 12, August 10 and September 14.** I already have a few committed pilots for our first event and anxious students pre-registered for their flight experience. Now, I am reaching out to the general membership to get involved.

For many, I am preaching to the choir. You have been, and will remain, long time volunteers. You and your experience help the events run smoothly and you are greatly appreciated! In fact, I do have one or two already willing bodies, however, we always like to get members (and their significant others) involved! Please let me know if you are available and would like to assist this year – especially for the June 1 line up. You can contact me at: singholley@aol.com

Everyone is invited to participate in the **Youth Protection Policy Program**. If you are not an EAA member you can login as a guest: <https://www.eaa.org> (under pilots). All pilots must be a member of EAA and complete the policy. Ground volunteers are not required to do so but I would like a few certified personnel.

Also– don't forget to check out the **Adventure of Aviore #2** in your Sport Aviation magazine or online: <https://www.eaa.org/eaayouth> Here's to clear skies, good visibility and calm winds! Let's go flying!!

RANDY'S RAMBLINGS

by Randy Spurr

This is what many of us have been waiting for! Warmer days, no shoveling snow, longer afternoons, and getting involved in aviation in some way! We do have a lot of great things coming up this spring and summer.

First, we will be kicking off **Aviation Explorer Post 44** on April 4th and then meeting every Thursday night through May 30th. Stop in and check it out! Depending on the success of this program we may have another phase later in the year.

Our first **Young Eagles Rally** will take place on June 1st, with flights planned on July 13th, August 10th and September 14th. Pending Board approval, we will be hosting a Fly-in Breakfast on Saturday, June 15th! This is a great way to involve the great members of EAA Chapter 44 with the local community. We could really use help at this event.

Friday, July 20th is our **Camp with EAA 44** event! Join us Friday night and leave at your leisure on Saturday. We will have hots and burgers available and ask that you bring a dish to pass.

These are some of the things we have planned, and we have several other things we are working on! **Remember, this is your chapter. We need your participation! Thank you!**

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, and have fun doing it.

**EMAIL FROM
<ART@HellNo.com>**

No Old Goat Droppings in March. Why? FUBAR. (Service word. If you don't know it, don't ask.)

My printer ran out of ink. They don't make my printer anymore, so Staples doesn't carry the ink. Bought an ink cartridge online. Printer refused to recognize it. Now what? Go to manual typewriter. No ribbon! Have you tried to buy a typewriter ribbon lately? OK- hand write. Then editor Bob has to type my material into his computer. If I do that, he will probably move his retirement date. A replacement printer will happen. The problem is my 15-year-old computer won't talk to it. So, a new computer and monitor will be coming. In the meantime, my daughter Sue will type the material and email it to Bob. *(Which he did on April Fools Day! I thought it was a joke on me. Art using email?!? Ironically, both of us are going through the New Computer/Printer Blues at the same time so I could commiserate. Luckily, we're not up against a deadline. Ed.)*

General Aviation News March, has listed the top 10 best selling GA aircraft for 2018. There are four Cirrus models, a Pilatus, a Cessna Grand Caravan, a Gulfstream jet, a Cessna 172, a Piper Archer, and a Tecnam. Not a light sport in the group. The Cirrus SR 22 sold the most, 135.

I just finished reading an article in the January Kitplane about two pilots who built a Pitts with the idea of flying it in the Reno Air Races. Now these are not just two ordinary pilots. One was an Air Force veteran who flew C-17 and U-2 planes. The other was a plane builder that won a Lindy at Air Venture in 2017.

Continued on next page.

**SPEAKERS SPAN 100 YEARS
OF AVIATION**

Our Speaker Seekers have continued to bring us a variety of excellent speakers on all things aviation. If you have any ideas for speakers, or want to volunteer yourself, see any member of the Board.



In June we welcomed Andy Moore, Director of the Greater Rochester International Airport (ROC) to talk about the recent renovations at the ROC terminal. The ROC design has received several awards for its innovations and use of technology for passengers with disabilities.



Jumping back to WWI in July, Jeff Brooks showed us photos of his build of a 1918 Fokker D.VII replica. Jeff admits to being a "slave to authenticity" and is building one of most accurate replica's of that Fokker.

Email from Art Con't.

They found a fuselage, wings and other parts. In their favor was the fact that they had a hangar at an airport that was a hot-bed of experiment and especially pylon racing activity. They changed the landing gear, lowered the seat and fuel tank two inches, reworked the turtle deck, used beer can fairings, used a water bottle cabane fairing, clipped the wings, and the list goes on.

Reading this I felt like a first grader in an advanced calculus class. I built a plane, the MiniMax ultralight, which was like a model airplane. I needed skilled help and got it from Earl Luce, Al Garlic and Vet Thomas. But I wish I had the skills and knowledge to build a plane like Luce's Buttercup. A number of our chapter members here have done this, and my hat goes off to them. In Reno, the Pitts qualified at 202 mph and averaged 192 in the Gold final. One can dream. Now to buy a printer and computer.

Old Goat out.

BABY ACE UPDATE



In a flurry of frenetic activity, the BART's recently put in long hours on weekends to finish N75H in time to take it to AirVenture for the Baby Ace Celebration. At the same time, our Junior BARTS have been taking flight training and will each pilot a leg on the trip this summer to OSH. Vet and Earl will fly escort. Visualize THAT three-plane formation!

The plane was finished in its original white with red color scheme. Thank you to everyone who supported this project. Next project?

SIGNS, POSTS, & SIGNALS
by Frank Grossman



We finally have **our new sign** for the Sport Aviation Center! It's taken longer than I thought but I'm pleased with the results. I hope you like it as much as I do. We are already getting compliments on it from members and non-members alike.

The Explorer program is moving forward and we have our **Aviation Explorer Post 44** registered with the BSA. We have six youths signed up already. Thanks to Exploring Executive, John Sheible for helping us establish the Post and thanks to Norm Isler, Jim Martin, Jeff Paris, and Earl Luce who are all helping to teach aviation to our explorers. Thanks also goes to the Rochester Air Center for donating the simulator time that they will receive.

We also have our **internet hotspot** up and running and it is receiving a stable signal allowing us to have internet in the building. The Wifi has been particularly helpful to the BART parents who can make efficient use of their time

Unfortunately, we may lose it in the near future as the FCC may take the frequency it uses and sell it at auction. Mobile Beacon, the company that provides it, has asked its users to contact their local representatives to urge them to preserve the EBS (Educational Broadband Service). The following address will give you more information on the FCC's proposed change.

<https://www.mobilebeacon.org/saveebs/>

ANEMOMETER CALIBRATION

by Vet Thomas

On the first day of this month, I was out on a lonely stretch of rural expressway, locally know as "The Parkway." Driving alone, cruise control on, calibrating the anemometer for his Fokker D. VII Jeff Brooks told you about last month.

Red and blue flashing lights appeared in my mirror and I reluctantly pulled over and stopped along the shoulder. While waiting for the officer to approach my car I busied myself with the latest calculations.

Officer: Sir, do you have any idea how fast you were going?

Me: Why yes I do! Give me a moment here.

I rustle through my papers and grab my calculator.

Me: Let's see...temperature is 43 deg. F., that's, uh... 6.11 deg C. Wind 14 mph/22.53 kph, out of 200. My heading is 260 degrees, so factor in the crosswind component, barometric pressure at 30.29, convert to metric, so that comes to 150 KPH!

Officer: What?!

Me: Oh, sorry, hold on, works out to 93.2 MPH. What did YOU get?

Officer: I clocked you on radar at 90 MPH!

Me: No, no, that's not right. My measurements show 93.2. Your radar is off, better get that thing checked. But thanks for the input. Got to go. Need to get in a 160 run before it gets dark.

An hour later I call Jeff Brooks.

Jeff: Hey old man, what's up?

Me: Hey Jeff, are you still in touch with the State Police guys you served with in the Guard?

Jeff: Maybe...Why?

Me: Oh, having a little misunderstanding with one of their coworkers. Wondering if they could help.

Jeff: WHAT DID YOU DO NOW???

Please note that the above story is told with tongue firmly in cheek! Did I get you?

Actually, an engineer friend and myself did go out on a lonely road and do the checks, him holding the anemometer out the window and me driving. It was a little off below 55 kph, but very close up to 160 kph! We attribute the differences to the built-in inaccuracies of car speedometers. Most speedos read 3-5 mph fast, and surprisingly that is what we were seeing on the gauge. SUCCESS! (160 kph? That's about 96 mph. I guess you do need to test throughout the whole flight envelope. Ed.)

AVIATION BACK IN THE DAY AND WAY BACK IN THE DAY

In the last of our serial look back at aviation in Mechanix Illustrated 1955, there is a cover story about "Nuclear Submarine Airplanes."



According to Wikipedia, that font of all worldly knowledge: ...A 1952 study was slightly more realistic, carrying three F2Y Sea Dart seaplane fighters, with a topside launching ramp for rough seas (the Sea Dart could only take off on a calm sea). This would still be a large submarine, projected at 460 ft. long and 9,000 tons submerged, with a 70,000 hp (nuclear power plant to achieve 28 knots.)

A more economical plan was also conceived to convert World War II fleet submarines to carry a seaplane version of the A4D Skyhawk in a similar manner to the Regulus missile-equipped SSGs, using hydro-skis for takeoff as the Sea Dart did.^[6]...

Long-time members will remember aeronautical engineer and former member Jim Reddig present about the 1931 Loening XSL-1 Submarine Airplane he helped design. Some ideas keep coming around. Anyone know of current versions of this concept?

Experimental Aircraft Association Chapter 44

Meeting Minutes

March 14, 2019

Opening

The regular meeting of the Experimental Aircraft Association Chapter 44 was called to order by President Randy Spurr at 7:04pm on March 14, 2019 at the EAA44 SAC.

Board Members Present

R. Spurr, K. Arganbright, N. Isler, F. Grossman, M. Clayton, D. Kenney, F. Englund, F. Grossman

Board Members Absent

J. Weinkauff, P. Hazen

Approval of Minutes

Upon the *motion* of _____. seconded by _____, the minutes of the regular meeting of the Board of Directors, February 13, 2019 were unanimously approved.

Officer Reports

President Spurr –

1. Capital Campaign – Brochure Draft is ready to go final after a few minor corrections. The committee is working on a list of potential donors.

Vice President Grossman –

1. Provided an update on the BSA Aviation Explorer Post 44 program. Presenters have been secured for the program. Reminder, the program will run for 8 weeks, every Thursday starting April 4th through May 30th with no meeting April 18th due to school spring break.
2. Sign for entrance has been delivered to the SAC. Frank is working with the NYSDOT for installation soon. Sign will be on NYS property.
3. Frank was shared an e-mail regarding Youth Science Exploration Days at St. John Fisher on May 16 & 17 and Brockport Central School on June 7. Thee EAA will have a presence and information to promote the Chapter and promote to local youth (approx. 1200 students)

Financial Report – Gail Isaac Treasurer

1. Presented January 28, 2019 Financial Reports, motion _____ seconded by _____ to approve the Treasurer's Report, carried
2. Norm and Francis presented a draft 2019 Proposed Revenue and Appropriations budget supported by fiscal year 2018 Actual Revenue and Expenses.
 - a. Motion by Darrin second by Francis that for an ad hoc Budget Committee be established to compile the monthly Treasurer's detail reports into year to date budget statements. The motion was carried 7-0
 - b. Norm and Francis graciously agreed to serve on the budget committee
 - c. Motion by Darrin second by Frank to approve the 2019 Fiscal Year Budget as presented by the Budget Committee
3. Further discussion regarding whether the chapter should have a debit and/or credit card, cyber security and if any related tax-exempt issues. The consensus was that use of a Chapter debit/credit card would alleviate the tax-exempt concerns, especially for large and online purchases.
 - a. Motion by Francis second by Kevin to authorize the Treasurer to seek obtaining from ESL an EAA44 credit card for ease of monthly payments and reporting. Motion carried 7-0

Facilities Report – Kevin Arganbright

1. None –

New Business

1. By-Law Update – Randy pointed out the By-Laws need review and have not been updated in 18 years and requested volunteers to undertake the project Norm and Mike volunteered to work on the project.
2. Baby Ace Restoration Project – Robert Nelligan-Barrett
 - a. Wing assembly about to commence and rib fabrication almost complete
 - b. Wood Spars drilled
 - c. Fuselage - minor modification from square tail to original round tail has afforded some of the young members some value metal working experiences. That's what our EAA is all about!!
 - d. Bob received confirmation from National EAA that the Corben Baby Ace will be recognized in this year's AirVenture Anniversaries and Gatherings.
 - e. Painting and some other sub-projects are on the horizon
 - f. Workspace Shortage – the issue was again revisited by Randy. After considerable heated debate, motion by Frank second by Francis that the southeast corner of the meeting room could temporarily be utilized by the BART when not needed for Young Eagles, AOPA rental or other activities as deemed by the Board. Motion carried 5-2
 - g. Bob Nelligan-Barrett will be responsible for keeping the location orderly and vacating the items per the motion.
3. Young Eagles – request to spend from the proceeds from the National EAA to replace the simulator tables. Motion by Norm second by Darrin, motion carried 7-0
4. June Fly-in Breakfast (Father's Day Saturday) – As previously discussed, after two years Bob indicated he would not oversee the event this year. So far there is nominal interest from the membership to assist in making the event happen. Time is of the essence, so one last query at the next general meeting will be made. Absent sufficient participation and due to external scheduling conflicts, the June 2019 Pancake Breakfast may need to be canceled. No action was taken, to be discussed further at a subsequent meeting.
5. Sport Aviation Camp – has been canceled for 2019 due to insufficient member participation. This is another revenue loss to the association.
6. Rotary Pancake Breakfast – Randy shared the date has been moved to August 11th.
7. EAA Memorial Wall – Norm expressed viewpoints regarding honoring two deceased members by starting a local Memorial Wall at the SAC rather than at Oshkosh. Gail will investigate obtaining a quote and designs on said plaques

Adjournment

Motion by Frank, second by Norm to adjourn approved 7-0. President Spurr adjourned the meeting at 9:33pm.



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.

The Chapter email address is:
<mail@eaa44.org>.

OFFICERS

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BUILDING/GROUNDS COMMITTEE

Kevin Arganbright:
585-392-2689

CAPITAL CAMPAIGN

Volunteer Needed

YODA HE IS

Art Thieme: 585-663-1875

FLIGHT ADVISOR

Jim Martin: 585-507-0245

HOMEBUILDERS COUNCIL

Volunteer Needed

BABY ACE RESTORATION TEAM/ HISTORIAN/LIBRARIAN/ MEMBER WHO CAN'T SAY "NO"/ NEWSLETTER EDITOR

Bob Nelligan-Barrett:
585-754-7263
newsletter@eaa44.org
146 Worthington Rd.
Rochester, NY 14622

SPORT AVIATION CAMP

Volunteer Needed

TECHNICAL COUNSELORS

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Jim Martin: 585-507-0245

WEBMASTER

Phil Hazen: 585-227-9811
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YOUNG EAGLE COORDINATOR

Elise Isler
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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.

REGIONAL CALENDAR

Look to Upstate NY's Aviation List at <upstatelist.org> for regional fly-in breakfasts and other events.

May 1

AOPA/ASI Safety Seminar
@ the SAC (7G0)

June 1, July 13

August 10, September 14

**EAA Chapter 44
Young Eagle Rallies**
@ the SAC (7G0)

July 12-14

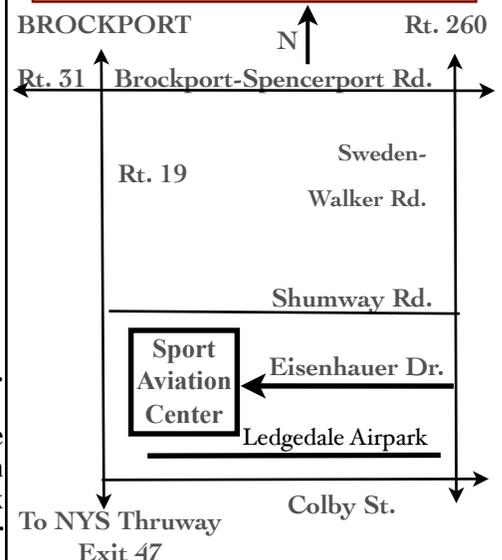
**National Warplane Museum
Airshow,**
featuring the A-10 Thunderbolt,
B-17 and C-47 Rides
Geneseo NY (D52)

July 22-28

AirVenture 2019
50th Anniversary in Oshkosh
90th Anniversary Baby Ace
Oshkosh WI (OSH)

August 24/25

Rochester Airshow
featuring USAF
Thunderbirds
and F-22 Raptor
Rochester NY (ROC)



EAA 44 Calendar



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NEXT GENERAL MEETING 4/16 6:30 Dinner 7:30 Speaker

Past member, past speaker, renewed member, retired 23,500 hour airline pilot, **Tom Henion**, will be enthraling us with any story he wishes to tell. Maybe about how the movie "Flight" is about him! Or not.

Jeff Peters will be cooking up a ham dinner. We all look forward to your sides and desserts to complement his meal.

April 13 SAC Work Day
April 16 General Meeting

May 1 AOPA/ASI Safety Seminar 7-9 PM

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

June 1 Young Eagle Rally

June 11 Board Meeting
June 18 General Meeting
(moved to Hendershot Field in Hilton)

All activities take place at the Sport Aviation Center, & are free & open to the public
Sport Aviation Center
44 Eisenhower Dr. Brockport 14420
Brockport's Ledgesdale Airpark (7G0)

Baby Ace Restoration Team

Every Wednesday 6-9 PM

Aviation Explorer Post

Thursday's April 4-May 30 5:30-9 PM

History Committee

1st Saturday of the month, 10 AM

Board Meetings

2nd Tuesday 7 PM

SAC Work Day

2nd Saturday, 10 AM

General Meeting

3rd Tuesday

\$5 Dinner 6:30 PM, Speaker 7:30-9

VMC Club

4th Wednesday 6:30-8 PM

Flight Simulator Group

4th Thursday, 5:30-8 PM

Bob Nelligan-Barrett
EAA 44 Newsletter Editor
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