



The Flyer



Volume 46, Issue 7

Experimental Aircraft Association Chapter 44

July 2014

LAST MONTH'S GUEST SPEAKER

EAA Chapter 44 was happy to welcome back to our June meeting our friend from the Glenn Curtiss Museum in Hammondsport NY, Executive Director Trafford Dougherty.



Trafford brought us up to date on Museum activities: They have built a new shop for a P-40 restoration project that will take several years. The P-40 Project is a "Wreck Recovery Display" showing the process of recovering 2 P-40's from a Florida swamp; they now have 24 planes on site, making theirs the largest collection of pre-WWI planes and motorcycles; a Travel Air restoration project will be on the Museum floor this summer; and a 1929 Curtiss Fledgling is 2-3 years away from completion. The Museum staff have also been working on period Jeeps and boats, including Curtiss's favorite boat, the Virginia Dare.

Trafford spoke extensively about Glenn Curtiss' relationship with the village of Hammondsport, which until recently, had never formally recognized his contributions to aviation. There is now a 7-stop Heritage Trail identifying 6 significant flight sites around the village and their bicycle shop in the town square where it all started.

Continued on next page.

PRESIDENT'S MESSAGE

by Mike Clayton

Here we are with yet another month gone by...we are halfway through the year.

There are some things in the offing with Homebuilding. First of all, as announced at the last general meeting Ron Logory & Joe DiNardio will be at the SAC on July 12th and 13th to work on their Sonex Onex. Anyone who is interested is welcome. Ron intends to show how to build the tailfeathers and to actually do the work. Those who are there may have a chance to actually work on the project. He plans on starting at 10 am and finishing about 3 pm both days. I encourage anyone who can to come, even if you only stop by for a short while to see what is going on. Should be an informative and fun session.

I am planning to have homebuilding session on the Kitfox project, to explore the use of a new product called Oratex (no date yet). It is an aircraft fabric that comes from the factory pre-coated, so that it needs no painting. It uses a non-toxic glue, and has been used on some bush planes in Alaska, as well as on a number of aircraft in Europe, with great success. I have samples of the fabric, and will be covering a panel and shrinking the fabric. The stuff is non-flammable, and appears to be tough as nails. Sounds like the answer to a homebuilder's prayer. If any of you are interested in finding out more, here is a link: <http://www.betteraircraftfabric.com>.

I now have the trim tab servo and the tab operating. It works really well. **Thanks to Earl Luce for his indispensable help, and to Dave Amsler for some good ideas.**

Continued on next page.

Curtiss Museum con't

Curtiss' aviation career was actually short-lived, only 14 years from 1907-1921. But during that time he took to developing seaplanes and aircraft carriers!

Curtiss joined up with a self-taught pilot who couldn't swim named Eugene Ely (below).



From the Albert R. Stone Negative Collection,
Rochester Museum & Science Center, Rochester NY
Used by permission.

Ely successfully achieved the first take-off from a ship (from a 70' x 30' deck). Ely and Curtiss then developed an arresting cable system on the ship to snag a tail hook on the aircraft. This is STILL how we snag \$14 million F-16's on a carrier deck.

In response to a question, Trafford did tell us that Glenn Curtiss was the person to receive License #1 from the Aero Club of America, the licensing body at the time. The Wright Brothers got Licenses #4 & #5.

After leaving aviation. Curtiss developed pop-up travel trailers! You thought they were invented in the 1960's? Oh contraire!

Thank you Trafford for another interesting tour of Glenn Curtiss' life and times. If you haven't been to the Glenn Curtiss Museum yet, see their events calendar and go. It's a nice day trip. <glenncurtissmuseum.org>

President's Message con't

We all need to congratulate Mike Kuyt on a successful fly-out to Penn's Cave, Pa. Seems like everyone had a great time. Mike is already organizing the next event which will be to Put-In Bay island, in Lake Erie, just offshore from Eagle Harbor. It is scheduled for July 19th. He recommends planning for an overnight stay at a motel on the mainland, using the ferry which runs a regular schedule to go back and forth. There is an airport on the island, and lots of interesting and fun things to do and see. You can see the details in last month's newsletter, or ask Mike at our meeting on the 15th of July. Participate if you can, and I can guarantee you will have a great time!

I have been contacted by a gentleman named Dave Garbe. He has restored the front portion of an F 4 Phantom, containing both cockpits. He has asked if he could bring it to one of our meetings to show people, and I said YES! We have him scheduled for the upcoming meeting on July 15th. I asked him if he could give us a presentation on the restoration. Here is a picture of the restored F4 (and a before photo on the last page of the newsletter):



As you can see, it is a full size cockpit. My understanding is that he will bring it mounted on a trailer.

Let's all enjoy taking a good look at this restoration! Being an older guy, I remember the F4 from the Vietnam war. It was an awesome

Continued on next page.

OLD GOAT DROPPINGS

by Art Thieme



West High School Yearbook, 1943

If you fly out of a tower-controlled airport have you noticed any change in controller terminology? Some controllers are using the word “fife” for five. Also “Tree” for three. and worst of all “line up and wait” for “position and hold.” This has got Budd Davisson so annoyed that he devoted an entire editorial on the subject in the July issue of “Planes & Pilot.” The reason for the changes is a push to use the international language as used in Europe. Also apparently “papa” is now pronounced “paPA,” with the emphasis on the last PA. Bud said that he will not use that in calling in his number. A line in the sand!

When I was in high school (*see above, Ed.*) I built airplanes from plans that I enlarged from AIR TRAILS magazine. One tool that I found very helpful was the proportional dividers. I no longer need to do that so I want them to go to a good home. Micro-Marks lists them at \$127.20, on sale for \$88.90. You can have mine for \$49.99, case included. What a deal! But does anyone still draw plans by hand?

A few issues back I mentioned that I like the PBY and could buy a desk made from the wing of the airplane. Now the same company is offering a desk made from the tail rudder and

Continued on next page.

President’s Message con’t

aircraft, and played a key role in the air war over North Vietnam. Later on, I worked with another engineer who had been on the design team for the aircraft, as we built one of the first reconnaissance satellites.

I stopped by the SAC yesterday (June 28th), and found Ron Logory inspecting and taking pictures of Dave Amsler’s Sonex. Inside, Bob Nelligan-Barrett, Carol Swanger and Dave Amsler were sorting through and cataloging the contents of our library. A huge job, but **thanks to Bob, Carol, and Dave (& Art Thieme) for helping out.** I think we will be amazed at what we have in the end.

We have committed to work with the Spencerport Rotary Club, supporting them for their Pancake Breakfast on August 24th. We will play a role pretty much the same as what we have done for the Hendershot’s fly-in breakfast, sponsored by the Hilton Rotary. That event is no longer being held. We are also discussing the possibility of holding an open house at the same time. Stay tuned for what develops. If anyone is interested in working on ideas for an open house, let me or any board member know.

The end of July is the beginning of Airventure at Oshkosh! This is a reminder for all of you to give serious consideration to attending. This year looks like it will be a good one, with an emphasis on homebuilding that is ramping up. Remember that homebuilding is the most affordable way to fly.

The Geneseo Airshow is July 11, 12, 13. If you really want to overdose on aviation, go to the airshow and come to the SAC to help build an airplane, and then head for Oshkosh!

Finally don’t forget the fly-in at Mesmer’s airstrip on Grand Island, July 11, 5:00pm to 8:30 pm. This was mentioned at the last meeting. Free food and lots of airplanes. Lots of fun. It is located right on Love Rd, on Grand Island. Once you get there you can’t miss it because of all the cars! You could catch this on the 11th, and then either go build an airplane at the SAC, and/or go to the Geneseo Airshow.

I hope everyone is enjoying the summer. As the weather gets warmer, and hopefully nicer, flying is on pilot’s minds. Remember to fly safe!

Old Goat Droppings con't

vertical wing stabilizer from the twin-tail Beech of the 1930's and '40's. Interested? Visit <motoart.com>.

“How To Spin Unintentionally” by Dr. Daniel L. Johnson, SOARING magazine, May 2014. “The principle is simple: don't skid low turns, and he who skidded a slow turn stalleth, spinneth, and(quite possibly) dieth. Note carefully: Unless the turn is perfectly coordinated, we either are skidding or slipping somewhat. The skid-bottom rudder tends to create a spin. The slip-top rudder “improves” the sink rate, safely.” You also have to watch your speed. Amen.

“Once you have tasted flight, you will forever walk the Earth with your eyes turned skyward, for there you have been, and thee you will always long to return.” Leonardo Da Vinci (According to Barry Schiff, AOPA PILOT, Feb. 2014)

FLYING magazine has identified the “25 Most Beautiful Airplanes.” You have to go to <<http://www.flyingmag.com/photo-gallery/photos/top-25-most-beautiful-airplanes>> to see the list and photos of the aircraft. There may be also be a listing for FLYING readers-choice 25 most beautiful airplanes. I tried but could only see #25 the Grumman Tiger Cat. Maybe the Editor could list them in the newsletter. (*For you Art, anything. Ed.*)

The 25 Most Beautiful Airplanes” identified by FLYING magazine.

- 25 Grumman F7F Tigercat
- 24 Beechcraft Duke
- 23 Nemesis
- 22 Northrop Grumman B2 Bomber
- 21 Hawker Sea Fury
- 20 Piaggio Aero Avanti
- 19 Cessna Airmaster
- 18 Supermarine Spitfire

- 17 de Havilland Mosquito
 - 16 Lancair IV
 - 15 Macchi-Castoldi M.C.72
 - 14 Hughes H-1 Racer
 - 13 Cessna Citation X
 - 12 Ryan ST
 - 11 Lockheed Model 10 Electra
 - 10 Vought F4U Corsair
 - 9 de Havilland Comet
 - 8 Cessna Model 177 Cardinal
 - 7 North American P-51D Mustang
 - 6 Lockheed SR-71 Blackbird
 - 5 de Havilland Dragon Rapide
 - 4 Lockheed Constellation
 - 3 Piper J-3 Cub
 - 2 Concorde
- and the Number 1 Most Beautiful Airplane is...

**CHAPTER MOVIE NIGHT
PLANES: FIRE AND RESUCE
PREMIER IN 3D**

Have you seen the commercials by now? Dusty is back for more thrills and exciting flying. Come join your fellow EAA Chapter 44 members and their families on **Friday July 18 at the Tinseltown IMAX theater in Gates.** Check listings for the time of the first evening 3D show, probably around 7 PM. See you at the movies!



Image copyright by Disney/Pixar

PUT-IN-BAY FLY-OUT "PRE-FLIGHT" INFORMATION

by Mike Kuyt

Sat/Sun July 19/20

Put-In-Bay, Ohio, www.putinbay.com

Put-In-Bay Airport, 3W2

7G0 to 3W2 is 236nm

The runway is 2870 x 75. Runway 3 is right traffic and there is no fuel.

This is an island on the West end of Lake Erie. It is a popular tourist destination. It is accessible only by boat or airplane. There are golf carts and motor scooters for rent. It has some very good restaurants, hotels, fishing, charter boating, gift shops, and museums. There are two ferrys that run between the island and the town of Port Clinton on the mainland. I am suggesting booking a hotel in Port Clinton as it appears that all the hotels on the island are already booked. Julie and I reserved a room at Best Western. They allow cancellations with 24 hours notice.

If you think you might go, consider booking a hotel now with the option of canceling later! Even in Port Clinton, the rooms tend to go quickly this time of year.

Julie and I are planning on renting a car and will try to provide as many rides as we can between the ferry and hotels in Port Clinton in the mornings and late evenings. Make a note of my cell number.

There is also a very nice airport in Port Clinton with fuel. The designator is PCW if you prefer to fly in there. You would need to arrange

for transportation to the ferry from the airport to get to the island.

Please let me know as far in advance as possible if you plan on going as a pilot or hope to go as a passenger. My cell is 585-802-2189 and email is mkuyt@rochester.rr.com. As we get closer to the trip and I get a sense for how many people are interested, we'll start planning some suggested meeting times to get together as a group.

Some hotels in Port Clinton are;

| | |
|-----------------|--------------|
| Comfort Inn | 419-732-2929 |
| Lakeland Motel | 419-734-2101 |
| Fairfield Inn | 419-732-2434 |
| Best Western | 419-734-2274 |
| Holiday Inn Exp | 419-732-7322 |
| Sleep Inn | 419-732-7707 |

Also, please remember that we have one final trip planned for this year. Join us as we fly out to the **Niagara Aerospace Museum with a possible flyover of Niagara Falls on September 6.**

This is a short trip, but very scenic following the Lake Ontario shoreline. If you review the rules for over flying the falls, perhaps that could be done before landing at IAG. There is a museum at the airport that has an emphasis on aircraft produced in Western NY as well as some space related items.

More details in the August newsletter.

**EAA Chapter 44
Board of Directors' Meeting
10 June 2014**

Board Members Present: Clayton, N. Isler, Byers, Nelligan-Barrett, North, Hazen, and Hurd.

Other Members Present: Arganbright, E. Isler, Logory

Reports:

- President (Mike Clayton):
 - No report
- Vice President (Norm Isler):
 - Norm is still working on plans for installation of the new food prep area cabinets.
- Treasurer (Elise Isler):
 - Report read and approved.
- Secretary (Steve North):
 - Minutes read and approved per motion of Dave Hurd, second by Darryl Byers, passed unanimously.

Business:

- Building Committee (Kevin Arganbright, et. al.):
 - Kevin has received an estimate from Kenny Podgers for enlarged parking lot grading and compacted crushed stone. He will proceed per previous BOD approval. Mike Clayton requested that Kevin confirm the boundaries of the parking lot and the dumping location for the grading spoils.

- Homebuilder's Council (Darryl Byers, et. al.)
 - No report
- Capital Campaign (Larry Greeno - Absent):
 - No report
- Old Business:
 - None
- New Business:
 - Ron Logory reviewed his plans for building his Onex at the SAC as a member educational project. His intention is to commit to be out at the SAC regularly for members to observe and / or help with construction. Dave Hurd moved to approved Ron's plan as proposed through the end of 2014, Darryl Byers seconded, motion passed unanimously.
 - The Spencerport Rotary is hosting a fly-in breakfast on Sunday, 24 August and they are interested in having our support. Mike Clayton will be meeting with Mike Spurr from the Rotary on June 18 to review the details.



Grill Masters Jeff Peters & Larry Greeno prepare dinner for our June meeting.

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 Elise Isler. For membership info, contact Treasurer Elise Isler.

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

OFFICERS

President: Mike Clayton '15:
585-352-1763
mclayton@rochester.rr.com
8 Adams Trail
Spencerport, NY 14559

Vice-President: Norm Isler '15
585-638-8098
normisler2014@aol.com

Secretary: Steve North '14
585-723-5794
snorth59@rochester.rr.com

Treasurer: Elise Isler
3631 County Line Rd.
Brockport, NY 14420
585-764-9811
singholley2014@aol.com

DIRECTORS

Darryl Byers '15
585-659-8150
dbyers9@rochester.rr.com

Phil Hazen '15:
585-227-9811
phil1948@frontiernet.net

Dave Hurd '14
585-226-2402 dbhurd@att.net

Bob Nelligan-Barrett '15:
585-754-726
trailbossbob@mac.com

Jeff Peters '14
585-233-6880
jpeters2@rochester.rr.com

Rob Williams '14
585-737-9435

rwilli3@rochester.rr.com

BUILDING COMMITTEE

Kevin Arganbright: 585-392-2689
jarganbright@itt.com

CAPITAL CAMPAIGN

Larry Greeno: 585-730-4934
greenol2@yahoo.com

FLIGHT ADVISOR

Jim Martin: 585-368-9333
jettester@frontiernet.net

HOMEBUILDERS COUNCIL

Darryl Byers
585-659-8150
dbyers9@rochester.rr.com

LIBRARIAN/NEWSLETTER EDITOR

Bob Nelligan-Barrett: 585-754-7263
trailbossbob@icloud.com
146 Worthington Rd.
Rochester, NY 14622

OSHKOSH AIRLIFT

Steve North: 585-723-5794
snorth59@rochester.rr.com

SPORT AVIATION CENTER CONSTRUCTION MANAGER

Mike Clayton: 585-352-1763
mclayton@rochester.rr.com

TECHNICAL COUNSELORS

Earl Luce: 585-637-5768
earl@luceair.com

Jim Martin: 585-368-9333,
jettester@frontiernet.net

Bob Northrup: 585-507-1000
n714b@rochester.rr.com

Jeff Paris: 585-750-5333
jeffrey-j-paris@excite.com

WEBMASTER

Phil Hazen: 585-227-9811
phil1948@frontiernet.net

YOUNG EAGLE COORDINATOR

Elise Isler 585-764-9811
flyyoung eagles44@gmail.com

EDITORS EMERITUS

Paul Pakusch: 585-746-4514
Art Thieme: 585-663-1875

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 Elise Isler for details.



REGIONAL CALENDAR

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

GENESEO AIRSHOW THE GREATEST SHOW ON TURF

July 11-13

See the 1941 Historic Aircraft Group's whole schedule of summer events at <1941hag.org>

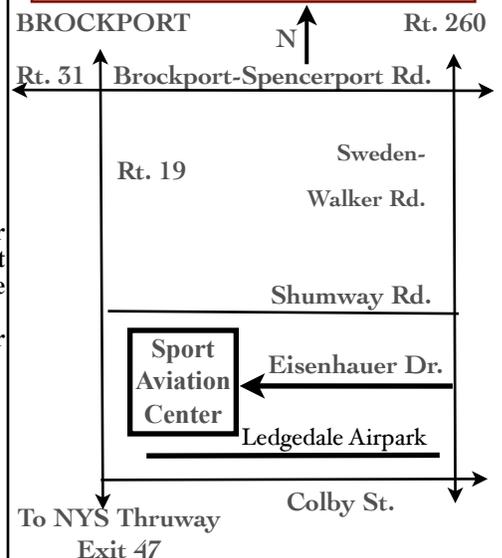
ROCHESTER AIRSHOW

Aug 16/17 featuring the USAF Thunderbirds.
<RochesterAirshow.com>

CURTISS MUSEUM FALL FLYING FESTIVAL (aka SEAPLANE HOMECOMING)

Sept. 13, Hammondsport NY
Watch airplanes and seaplanes fly over Keuka Lake & circle the Curtiss gravesite.
<<http://glennhcurtissmuseum.org>>

1 Beechcraft Staggerwing
Old Goat, Out!



EAA 44 Calendar



Phantom F-4 nose section
before restoration.

NEXT GENERAL MEETING

Tues. July 15

Dave Garbe will be bringing his full-size, Phantom F-4 front cockpits restoration. See page 2 for "after" picture.

Please bring a dish to pass or a dessert for all's enjoyment. Thank you.

July 12 SAC Work Day
July 15 General Meeting
**Jul 18 "Planes: Fire & Rescue"
Premier, Gates Tinseltown, 1st
3-D evening show, check
papers for showtime**
July 19-20 Put-in-Bay Flyout
July 26 SAC Work Day
July 30-Aug 3 Oshkosh Airlift

Aug 9 SAC Work Day
Aug 12 Board Meeting
Aug. 19 General Meeting
**Oshkosh Review &
Dr. David Broadwell, A.M.E.**
Aug 23 SAC Work Day
**Aug. 24 Fly-in Breakfast @
7G0 w/ Spencerport Rotary**

**All activities take place at the
Sport Aviation Center 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 & 4th Saturdays, 10 AM

Bob Nelligan-Barrett
EAA 44 Newsletter Editor
146 Worthington Rd.
Rochester, NY 14622