



The CHAPTER 221 FLYER

Proudly Serving the Experimental Aircraft Association Chapter 221 in Kalamazoo, Michigan
www.EAA221.org

May 2019

President's Message



Hello Everyone.

Thank goodness for some long overdue warm weather. I was able to find warm again a few weeks ago while at Sun n Fun. I missed the typical excitement of flying my own airplane but enjoyed a nice commercial flight out of GRR on Frontier Airlines.

Our regular monthly meeting next Wednesday on May 1 will take place at our regular location, the Kalamazoo Air Zoo at our regular time of 7:00pm. We will have a special guest at that meeting. That special guest is

Frank Woodhams, age 99, a local aviator who has been a resident of AZO his entire life and is receiving the Wright Brothers Master Award. Presenting the award will be Sam Heiter of the FAA South Bend. Frank served in WW II and flew approximately 60 missions as a transport pilot. His uncle, Irving Woodhams ran the Austin Lake airport and has been inducted into the Michigan Aviation Hall of Fame. I know the more "mature" members of our chapter are quite familiar with the Woodhams name and should especially enjoy this meeting. ✈

Bob Aardema

President, EAA Chapter 221

robert.aardema@wmich.edu



Next Event...



AirZoo East Campus

Wednesday, May 1 at 7:00 pm

3177 E Milham Road, Portage, MI 49002

Young Eagles, Unique Aircraft and More.



[AIR+ZOO] Like No Place Else on Earth!

Map at www.EAA221.org

Ron Ryan

EAA 221 Newsletter Editor & Secretary

rryan@lewisreedallen.com

Unless otherwise specified, our chapter meetings are the first Wednesday of the month at 7:00 p.m. at the **Airzoo Flight Center Classroom** on the west side of the Kalamazoo-Battle Creek International Airport

Sun-n-Fun 2019 trip report, Andy Cotyk w/good friend Ken Avery

By Andy Cotyk, EAA Kalamazoo Chapter 221
4/19/19



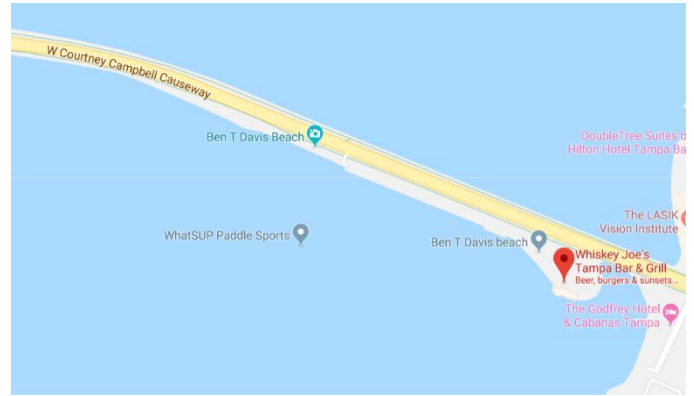
Andy C. outside the gates. White legs and all!



Friend Ken Avery and I travelled to Lakeland Florida recently for the 2019 EAA Sun-n-Fun international Fly-In and Expo. The event ran April 2-6.

We arrived Wednesday at Tampa Intl. airport and stayed there that evening at one of the many great hotels in the area. The town was buzzing with activity as it was in the height of Spring Break. Dinner that evening was at Whiskey Joe's Bar and Grill, on the water in Old Tampa Bay, just off the W. Courtney Campbell Causeway. The food was great and at resort prices!

Ken Avery



We then travelled Thursday morning, 40 miles east of Tampa to the Lakeland Linder Int'l airport (KLAL). Entry was \$32/ea for each day there (with EAA discount), and \$10 to park the car. We visited the show 3 days. They are setup well to efficiently collect your funds, there was little to no waiting in any of the lines each day.

As with Oshkosh, Ken and I love to hit the SnF Ultralight area early in the morning. The light winds then always bring out large flights of powered Parachutes, Light Sports, Small Helicopters, Gyro's, Trikes, etc., flying the pattern. A donut and coffee make for a great spectator visit there to start the day. There were many manufacturers displaying light aircraft as well.



From there we'd head on to the many activities available on the schedule each day. Numerous things to see and do including forums, workshops, commercial and military displays, vendor's, food and much more. The weather was fantastic, temps in the 80's to low 90's after the long winter months in Michigan. Even the light warm rain was a welcome experience. Sunshine was abundant each day.

There was a lot of notable activity at the CFAA (Central Florida Aerospace Academy) building each day. The school rooms hold many of the SnF forums, typically lasting 1 hour each. The School's charter is well stated (see below), it is a STEM academy and we talked to some of the students there who seemed quite engaged in the program.



Central Florida Aerospace Academy

Home ▾ C

About CFAA

Central Florida Aerospace Academy opened its doors in August 2008 on the Sun 'N Fun and Aerospace Center for Excellence campus at Lakeland Linder International Airport.

Central Florida Aerospace Academy of Kathleen High School is a unique career and technical STEM public high school academy developed to provide students with an interest in aviation, aerospace, and engineering technologies an opportunity to participate in industry-related electives, earn industry certifications and licenses, and complete dual enrollment/ advanced placement college credit all while completing their high school education. Students attend high school everyday on Lakeland International Airport property and also have access to participate in traditional high school activities such as sports, clubs, and committees.

In addition to the rigorous academic courses, CFAA offers aeronautical instruction including flight training, aircraft maintenance and avionics, engineering, UAS operations, FAA Part 147 Airframe and Powerplant Mechanic courses, and boasts an impressive Air Force JROTC program. CFAA is proud to be recognized as a National Career Academy Coalition

Our Mission

Through a combination of relevant academic experiences, collaboration with the local aerospace community, and an aviation focus, all students will engage in a rigorous college preparatory program that will maximize the potential for successful careers.

Our Vision

The vision of the Central Florida Aerospace Academy is to promote the lifelong process of learning by challenging students with a rigorous curriculum and tailored hands-on experiences with special focus on science, technology, engineering, and math. The academy will respond to the needs of industry by placing emphasis on teamwork, individual achievement, skill development, creativity, and innovation, as well as critical thinking. As students are prepared to be productive and responsible members of the workforce, the academy will instill in them an appreciation for professionalism, ethical behavior, and an awareness of global opportunities, while developing self-worth, high expectations, and mutual respect among a diverse population of students and staff.

A CFAA hangar on the grounds, hosted by students/staff from the Academy, gave show goer's a chance to see their unique education in action. Students were taking part real-time, in classes on aircraft assembly, maintenance and repair. There were also a number of Academy owned aircraft, that students were eligible to learn to fly in. Ken and I both agreed, that if there had been such an opportunity during our High School years, we would have been all over it!



We attended a Cessna 120/140 Maintenance forum at the CFAA center, and also a forum on Van's aircraft transition training (I have a C120 and am building a Van's RV-9A). We also attended an aircraft wiring workshop, and one on off-airport landing. There's a forum or hands-on workshop at SnF for most any General Aviation topic you may be interested in!

There were airshows each day, typically beginning around 2:00pm and lasting until 5:30pm. The shows would start with an Army Golden Knights parachute drop with National Anthem and flag, and included numerous acts including the Aeroshell team, tumbling Extra's, warbirds, Biplanes, etc. The Navy Blue Angel's were the main attraction each day we were there.





There were two night shows during the week which we did not attend. But we did talk to a gal that worked for this company, that had designed a night show with the lighted drones. Maybe they'll be at Oshkosh again this year and we'll see the show there.



There are some great food and drink area's set up on the SnF grounds. Sooner or later during the day we'd scarf up a seat for a sandwich and a beer, usually while the airshow was going on in the background. We struck up conversations through the week with balloon pilots from Norway, an ex-military old timer who had flown E2's off carrier's, a float plane school owner from Winter Haven, two young student's from Embry Riddle, and other like-minded aviation addicts.

We then visited the homebuilt area, to of course see the Van's RV's and other planes available for builders. The number of kits and equipment manufacturers seems to increase every year. So much to see.



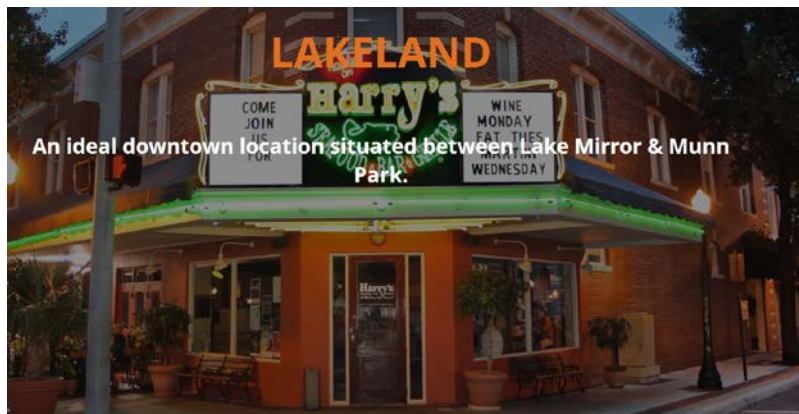
And no EAA show is complete without walking through the large buildings full of fancy new avionics and all kinds of stuff you can buy for your airplane. Everything from nuts and bolts, to brand new engines and touchscreen panel's worth thousands of \$\$\$. It's a GA feast!



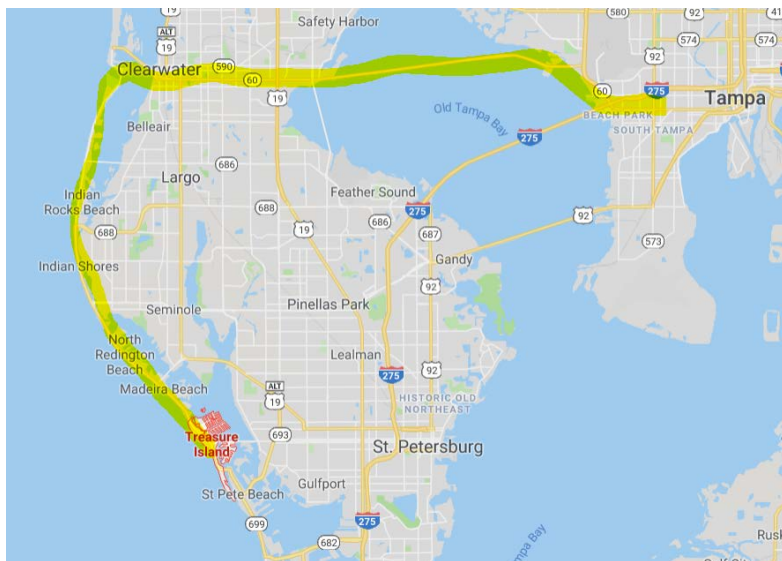
We took the opportunity to meet up with some retired ex-coworkers (Ken and I worked at the same company for many years – Nat'l Waterlift/Parker Hannifin on Miller Road) who winter in Lakeland, having dinner with them at Ford's Garage Restaurant one night.



And don't miss Harry's Seafood Bar and Grill at Munn Park Lakeland as well. There's a waiting list every night of the week but it's well worth it.



So on Sunday we headed back to Tampa area in preparation for flying home. We did drive over to the Treasure Island area for a bit of Beach therapy. We drove along the coastline all the way up to Clearwater Beach, then back across the Causeway to our last hotel night before Monday's flight home.



Dinner Sunday evening was at "World of Beer Westshore" close the airport. During dinner we watched the Baylor lady Bears win the NCAA Nat'l Championship, quite a game. My brother lives in Waco Tx, it was pandemonium in that town, he reported.



One thing to note, spring break is one really crowded time to visit Florida. If you don't have 2.3 children off school (or EAA Sun-n-Fun) forcing you to go there then, you might choose to pick another timeframe! We survived the crowds if not without moments with loss of patience....

In the end, SnF is a mini-Oshosh and there's plenty to see and do, along with a soul-soothing dose of 80/90 degree weather while snow still swirls in the north. Put it on your schedule!

(photo's courtesy Ken Avery)

Dates of Upcoming Chapter Events

May EAA Chapter 221 Meeting

Wednesday, May 1, 2019

7:00 pm

AirZoo East Campus

3177 E. Milham Rd., Portage, MI

May IMC Club Meeting

Tuesday, May 14, 2019

8:00 pm

WMU Parkview Campus

Room C124

May VMC Club Meeting

Wednesday, May 22, 2019

7 pm

Brewster's

5135 Portage Rd, Portage, MI 49002

June Chapter 221 Meeting

Wednesday, June 5, 2019

June IMC Club Meeting

Tuesday, June 11, 2019

8:00 pm.

WMU Parkview Campus

Room C124

June VMC Club Meeting

Time and Location TBA

Falcon Ultralight for Sale



The photo is an example of the airplane that is for sale.

For sale by third owner family. Falcon Ultralight plus trailer. Last flown in the year 2000. Only sold as complete parts plane. \$4,500.00. Always hangared or garaged. Ballistic parachute. Custom windscreen cover. UP kit for rudders. NEVER DAMAGED.

Contact Steve Weaver (269) 615-1500. ✈

Skyhawk For Sale

Ron Hassing is selling a 172M Skyhawk. N13770. The plane is hangared in Plainwell. Contact Ron at (269) 375-4446. ✈

News from Chapter 145 – Riverview Airport

*****Note that the Tri-Motor is also coming to KAZO July 11-14, 2019*****

Hi Guys, here is something for your Chapter.

Just wanted to let you know that the EAA Ford Tri-Motor is coming to GRR (Signature) on May 16 to 19, 2019.

Your chapter members are welcome to volunteer to help with the operations, in the mornings or afternoons.

See attached for details. Let me know if you can help. The more the merrier!

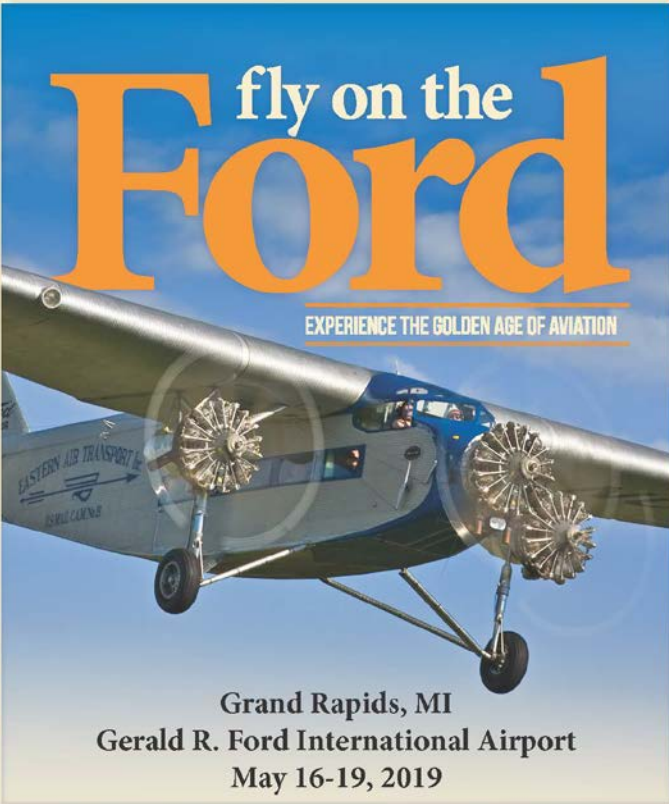
Link to the Ford Tour: flytheford.org

Let me know if you have questions.

Cheers, Dick

EAA145

(616) 350 4715




**fly on the
Ford**

EXPERIENCE THE GOLDEN AGE OF AVIATION

Grand Rapids, MI
Gerald R. Ford International Airport
May 16-19, 2019

ADVANCE ONLINE PRICING: ADULT: \$72 • CHILD (17 & UNDER): \$52
WALK UP PRICING: \$77 • **RIDES:** THURS 2-5PM • FRI-SUN 9AM-5PM

FOR MORE INFO: FLYTHEFORD.ORG  **OR CALL:** 1-877-952-5395

IMC Club

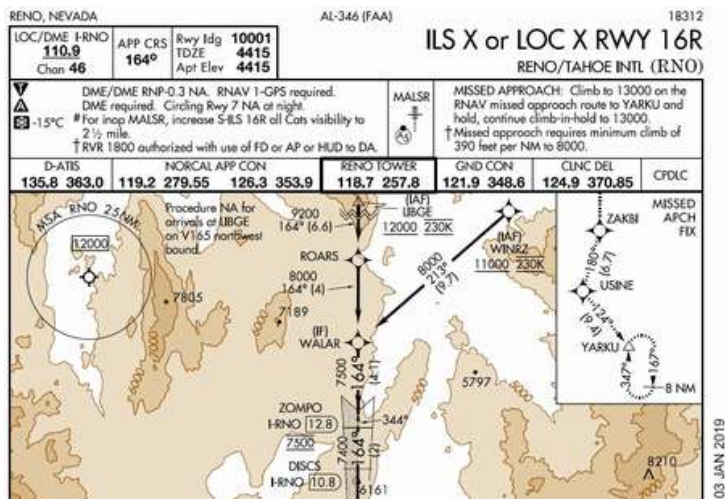


Our next meeting is
Tuesday, May 14 at 8:00 PM.

**WMU Parkview Campus
Room C124**

For a map and more info visit www.eaa221.org. See the IMC tab on the website for meeting information.

Question of the Month : What is ILS X? Why straight in ILS approach to the same runway would have two approach plates named ILS Y and ILS Z?



Contact Andy Millin: amillin@sbcglobal.net

VMC Club



Our next meeting is
Wednesday, May 22 at 7:00 PM

All pilots who want to improve their proficiency now have an excellent new resource through EAA's VMC Club.

The VMC Club is modeled after the popular IMC Club concept which provides organized “hangar flying” focused on building proficiency in instrument flying. The VMC Club will do the same, but for pilots who are not instrument rated and fly primarily under visual flight rules and under VMC.

The VMC Club offers monthly meetings in which pilots can network and share knowledge and experience. The meetings use real-world scenarios to engage members and allow a free exchange of information that improves awareness and skills. The intent is to create a community of pilots willing to share information, provide recognition, foster communications, promote safety, and build proficiency.

Our next meeting is Wednesday, May 22, 2019 at 7 pm at Brewster's once again. Mark your calendar. For more information see the www.eaa221.org website or contact Andy Cotyk at acotykw@wmis.net. ↑

Note: We are hosting the Ford Tri-Motor at KAZO, July 11-14



fly on the
Ford

EXPERIENCE THE GOLDEN AGE OF AVIATION

FORD TRI-MOTOR PROPERTY OF 

**RAI Jets 5825 Willoughby Dr at
Kalamazoo/Battle Creek
International Airport
July 11-14, 2019**

ADVANCE ONLINE PRICING: ADULT: \$72 • CHILD (17 & UNDER): \$52
WALK UP PRICING: \$77 • **RIDES:** THURS 2-5PM • FRI-SUN 9AM-5PM

FOR MORE INFO: FLYTHEFORD.ORG  **OR CALL:** 1-877-952-5395

From the Plainwell Trojan Torch

[The following article was given to us by Ginger DeVillers. It is re-printed from the Plainwell High School newspaper, The Trojan Torch, regarding one of Ginger's students, Drake Witt. Congrats, Drake! Blue skies and tailwinds. Ed.]

March 2019

By Scott Deneau
Staff Writer, Plainwell High School

Most people at some point in their life have had a dream of being able to fly, whether it was to avoid traffic or to become a super hero. One high school student chased his dream of flying and now has his pilot's license.

"I have loved flying since fourth grade. The feeling of being on top of the world is what motivated me to get my pilot's license," said Drake Witt '19. Flying has been a huge part of Witt's life.

It normally takes about one or two years with 40 hours of flight time to get your pilot's license. Witt's journey was a bit longer. He began taking his flight classes in middle school so he wasn't able to get his actual pilot's license till he was 17.

"I've been flying since I was 12. So it took me five years, but that's because I wasn't of age to get my license," said Witt.

Drake's friends at school think it's pretty cool that he has his pilot's license at such a young age. "I think it's rad that he can fly planes in high school when most students can only drive cars," said Grant Winenger '19.

To get started on your way to get your pilot's license, you need to take flight classes to gain the total hours of class and flight time. After taking the STEM program in middle school, he needed to go out on his own to complete his goal.

He started his lessons at the Plainwell Airport and finished up at the Sparta Airport once the airplanes were moved from Plainwell. All of his flight time was under the instruction of local pilots and certified flight instructors, some who are retired military veterans, said Ginger DeVillers, CEO of the Plainwell Aviation and STEM Academy (PASA).



Drake Witt is the only student in our school to have a pilot's license. Photo by Kenedie Booden

Most of those hours in Sparta were logged during summer breaks from school, Witt said. He got a scholarship for the use of the

plane, so just had to pay for an instructor, which he said runs about \$20 per hour.

“A local person in Plainwell affiliated with PASA was impressed with Drake’s commitment and sponsored him for Aviation Summer Camp at the Plainwell Airport. Drake was hooked, and the same person sponsored Drake all the way through to earning his private pilot’s license,” said DeVillers.

“I think it’s cool that he started off so young getting his license; he obviously likes it a lot,” said Brian Henry ‘19.

Witt worked for some of his flight time. He worked at community events and volunteered with a local pilots cleaning hangars and airplanes in exchange for airplane flights.

Flying is not only expensive to learn, but it can be difficult; there are a lot of factors to it, such as taking off, weather, and landing the plane.

“Most of it came pretty natural to me but I’d say the hardest part was getting the landings down,” said Witt.

Landing airplanes can be challenging due to a lot of factors going into it such as speed, angle of the plane, and communication with maneuvering the plane down safely.

Witt flew many aircraft on his way to earning his pilot’s license including but not limited to a Stearman Biplane, a Champ, a Cessna 150, a Cessna 172, and a Piper Cherokee, according to DeVillers.

Taking these flight classes and flying can teach you a lot about other things too. “I have learned how to solve problems in new ways and how to be a better student,” said Witt. When you’re a pilot, a lot can happen when

you are up in the air, causing new challenges while flying so people have to adapt and overcome those challenges to fly and land the plane safely. Once the pilot’s license is obtained, there are a lot of different paths, such as becoming an airline pilot or just flying your own private plane.

“My end goal is an airline pilot. Next year I’m going to Western Michigan University and my goal is to be a flight instructor there,” said Witt. DeVillers said Witt should have his Certified Flight Instructor rating in the next year. But that’s not his only goal.

“His plan is to give back to the community that made his dreams possible by returning to PASA to give the next generation of middle school students their first flight in an aircraft. He also plans to return when his has completed his advanced flight training to be able to train new pilots,” DeVillers said.

There are a lot of different reasons to get your pilot’s license,

“I love the amazing views it provides,” said Witt. When flying you get to experience some unique views, from taking off and seeing the city from above to cruising at 30,000 feet above the clouds.

Flying can be nice and fun, but at times you have to make a choice and think on your feet if things go bad or unplanned. Witt has had such an experience.

“I was flying cross country at night and I was going to land, and the runway lights were out,” said Witt. Fortunately, he found a solution and is now able to continue his dream.

Witt realizes he couldn’t have accomplished this feat on his own. “Drake’s success is

due to his dedication and a community that supported his dream,” said DeVillers. Through PASA and other programs, several area youths have earned their pilots license in the last eight years, and others are in the process.

“Drake is but one of our success stories,” she said. ✈

Chapter 221

www.eaa221.org

Supporting the recreational builder/flyer with technical, social, and political news to promote flying safety and enjoyment:

President	Bob Aardema	372-1965	robert.aardema@wmich.edu
Vice President	Kevin Mazer	649-4957	kevinmazer@gmail.com
Treasurer	Dave Hull	323-2669	davhull@sbcglobal.net
Secretary	Ron Ryan	345-1926	rryan@lewisreedallen.com
Webmaster	Andy Millin	685-1643	amillin@sbcglobal.net
Newsletter Editor	Ron Ryan	267-0496	rryan@lewisreedallen.com



Bob Aardema	372-1965	robert.aardema@wmich.edu
-------------	----------	--



John Amundson	731-5135	jamund1009@aol.com
---------------	----------	--

VOLUNTEER SAFETY PILOTS:

Terry Brokaw	(h) 279-7197	terrybrokaw@gmail.com
Brian Eckstein	(h) 624-6719	eckstein@net-link.net
Barb Goodwin	(h) 375-9399	b19977@chartermi.net
(Available for Wings hours, BFRs and Flight Instruction)		
Charles Martell	(h) 343-6972	cmartell@net-link.net
Andy Millin	(h) 685-1643 (w) 345-2564	amillin@sbcglobal.net
Eric Schlanser	(h) 637-3949	eschlanzer@yahoo.com

Articles are solicited from all members. Please contact Ron Ryan, or mail articles or news to rryan@lewis-reedallen.com



5585 Collingwood Ave.
Kalamazoo, MI 49004