



Mile High Flyer

*The Official Newsletter
of The Experimental Aircraft
Association, Chapter 43
Established May, 1958*



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On the web @ www.eaa43.org

August, 2024

President's Corner.... By Chapter 43 President Jim Wood

Hi Fliers,

Hopefully you've been able to squeeze in some flying between our 100-degree days and our smoke-filled skies.

I just returned from a two-week pilgrimage to Oshkosh. Consensus of folks I've asked is that this year's AirVenture was one of the best ever! The stunningly gorgeous weather certainly helped with that evaluation.

I joined several Chapter 43 members in attending the Memorial Wall service in honor of John Reading and Bob Wilson. It was a very touching ceremony – a very appropriate tribute to those fine men.

I also attended two fantastic 4-hour training sessions at the EAA Pilot Proficiency Center. Both sessions focused on pursuing excellence in our flying – very much keying-in on the mental aspects of all aspects of flight. That work coupled nicely with the work of my friend and local aviation author Michael Maya Charles. Recall that Micheal graciously presented personally inscribed copies of this magnificent book Artful Flying to this year's scholarship winners. I'd love to bring some of the key concepts from Michael's work along with those I learned at Oshkosh to our members. Stay tuned...

Our next Chapter Gathering will be held August 10th at Rocky Mountain Metro Airport in the Mt. Evans Room. The potluck theme is "Takeoffs & Landings" – we'll only bring appetizers and desserts. We'll send out an email, along with posts on Facebook/Instagram, providing a sign-up link early in August.

As always, please let me know what you'd like me and/or our Chapter to start doing, stop doing, or continue doing...

Go write G-L-O-R-Y in the sky!

Jim

Next Gathering - Saturday, August 10, 2024, 6-8:30 PM
@ the Mount Evans Room in the Terminal Building at RMMA (BJC)

Potluck Theme: "Takeoff and Landings"

"It's tough to dispute that, of our three basic phases of flight - takeoff, cruise, and landing (the beginnings and endings) - are the most challenging, rewarding, and most fun." Let's use that phenomenon with this month's Chapter 43 Gathering Potluck theme - rather than appetizers, main course, and desserts, let's just bring appetizers and deserts!

Sign up at <https://www.signupgenius.com/go/30E0A4BA5AD2CABFA7-50529463-takeoffs>

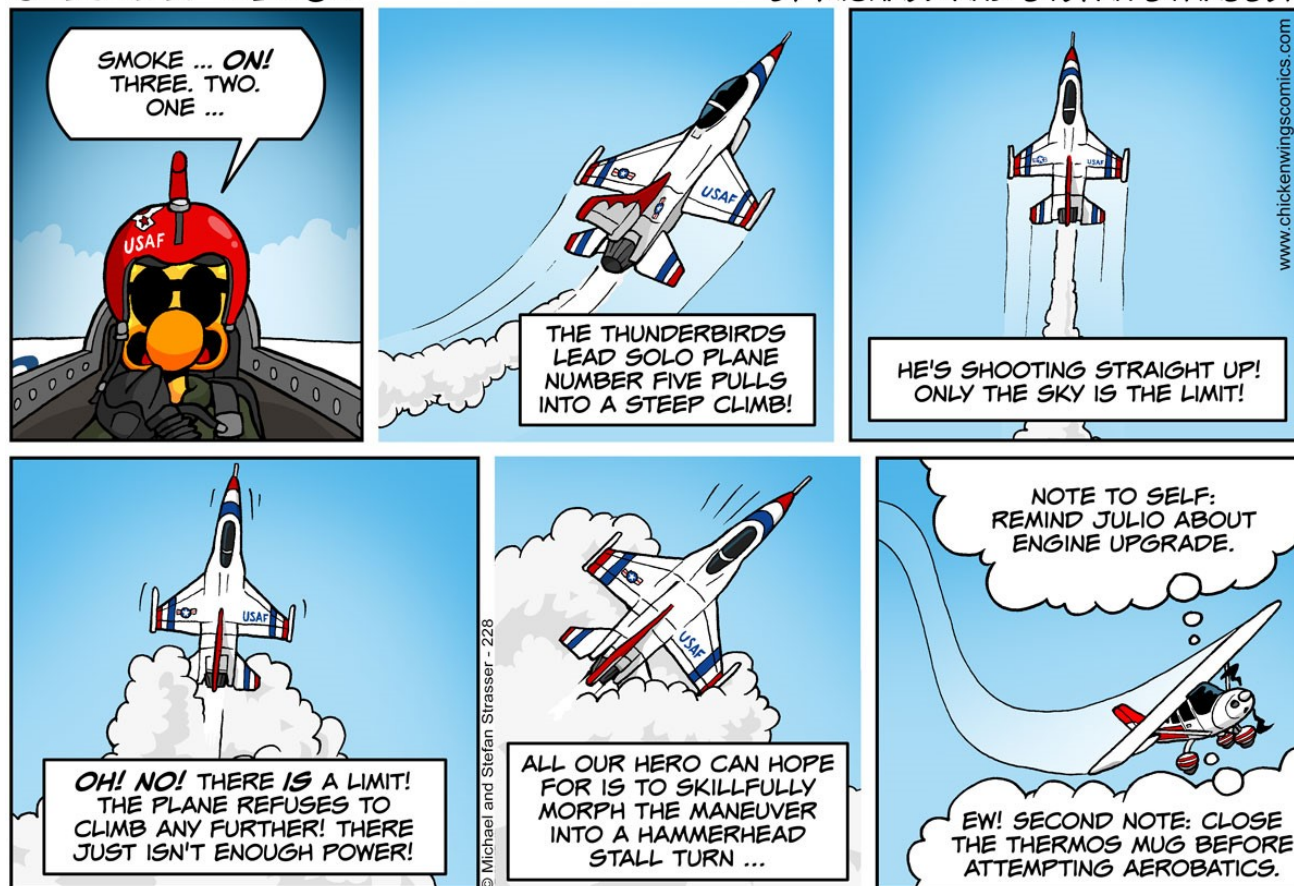
Program will be Anna McAuliffe, from NOAA's Global Monitoring Laboratory, talking about NOAA's Small Aircraft program and NOGAP survey.

In this issue:

- Title pic - The Missing Man formation flight from the Memorial Wall Ceremony at OSH. See page 4 for more...
- Chicken Wings: A couple of interesting comments on this comic. First, there's a new documentary about the Blue Angels showing on Netflix! Second, someone was reminded of Bob Hoover's famous pouring of iced tea during a barrel roll! You can see a video of that at https://www.youtube.com/watch?v=V9pvG_ZSnCc
- In the Calendar, coloradopilot.org links now have a Google Maps icon for directions!
- At the Chapter Picnic, host John Stewart spoke to the efforts to save Boulder Airport; on Tuesday August 13 there will be an information session offered to the aviation community to organize support. See the Calendar on page 3
- Speaking of the Blue Angels, they'll be flying at the Pikes Peak Regional Airshow August 17-18 at KPUB. Link in the Calendar (page 3); be aware that General Admission tickets are already sold out for the 17th!
- One last Calendar nod; the multi-day History Comes to Life Showcase features the C-47 "That's All, Brother" that led the D-Day invasion and the B-25 "Yellow Rose"
- Since I don't have a second set of eyes to review the newsletter, help find my boo-boos for cookies! Let me know at newsletter@eaa43.org and come to the next regular chapter meeting for your cookies! If you'd like to contribute a calendar event, a newsletter article on a trip, a tool, component, or aircraft review, a how-to for build or test, historical or ANYTHING airplane or chapter related, don't be shy. You can email newsletter@eaa43.org with anything ya got in electronic format, or hand me a hardcopy. Gmail limits attachments to 25MB, so if it's bigger than that, try multiple emails, Dropbox, Google Drive, etc.

CHICKEN WINGS®

BY MICHAEL AND STEFAN STRASSER



Upcoming Events Calendar

2024 CHAPTER EVENTS

AUGUST

- Sat 10 Chapter Meeting at the Mt. Evans room at BJC, 6 PM - details on page 1
 Tue 13 Chapter 43 VMC Club, 6PM, live and virtual, contact andresmith76@outlook.com
 Sat 17 EAA Chapter 43 Young Eagles Rally EIK, 7:45 AM
 Thu 22 Chapter 43 IMC Club, 6:30PM, live and virtual, contact llearnsh@gmail.com
 Tue 27 Chapter 43 Builder's Club, 6PM, live only, contact andy@andymcrae.com

SEPTEMBER

- Tue 10 Chapter 43 VMC Club, 6PM, live and virtual, contact andresmith76@outlook.com
 Sat 14 Annual Pizza Party and OSH Debrief, details to follow next month.
 Sat 21 EAA Chapter 43 Young Eagles Rally EIK, 7:45 AM
 Tue 24 Chapter 43 Builder's Club, 6PM, live only, contact andy@andymcrae.com
 Thu 26 Chapter 43 IMC Club, 6:30PM, live and virtual, contact llearnsh@gmail.com

2024 AREA EVENTS

AUGUST

- Fri 9 Freedom Avionics at BJC - Garmin Demo/Q&A at 4PM, BBQ at 6PM, music and libations until 9PM
 Sat 10 SilverWest AirFest, C08 (10 mi south of Westcliffe on CO-69), 7:30AM-3:30PM, flyer page 8
<https://visitwetmountainvalley.com/silverwest-airfest/>
 Sat 10 Chapter 1627 Young Eagles Rally, Pancake Breakfast, and Burger Burn, KBDU,
 8AM-1:30PM, [https://coloradopilots.org/content.aspx?
 page_id=4002&club_id=612720&item_id=2279033&event_date_id=281548](https://coloradopilots.org/content.aspx?page_id=4002&club_id=612720&item_id=2279033&event_date_id=281548)
 Sat 10 JetBrands Top Gun Experience, Sheltair FBO at BJC, 9AM-2PM, flyer page 9. Tickets available at
<https://www.topgun2024.com/topgun2024-eventtickets>. Proceeds benefit military families,
 Sat 10 Chapter 648 Meeting, KLMO, 10AM, see <https://chapters.eaa.org/ea648>
 Sep 10 Glider Showcase, Exploration of Flight*, 10AM-2PM, <https://wingmuseum.org/events/glider-showcase/>
 Tue 13 Save Boulder Airport Meeting, KBDU, 5:30-8PM
https://coloradopilots.org/content.aspx?page_id=4002&club_id=612720&item_id=2356770
 Fri 16 Chapter 301 Meeting, 7PM, see <https://www.eaa301.org/membership>
 Sat 17 Chapter 301 Young Eagles Rally, KCFO, 7AM, <https://www.eaa301.org/young-eagles>
 Sat 17 AATG & AOPA Open Hangar Event at KGXY, 9AM-12PM, registration required
https://coloradopilots.org/content.aspx?page_id=4002&club_id=612720&item_id=2350745
 Sat 17-18 Pikes Peak Regional Air Show, KPUB, 8AM-5PM, <https://www.pprairshow.org/>
 Wed 21 Chapter 1627 Meeting, KBDU, 6-8PM, <https://chapters.eaa.org/ea1627/event-calendar>
 Sat 24 CPA Sponsored Mountain Flying Ground School, KAPA Admin Bldg/The Hangar, 8:30AM-5PM
 Registration required, https://coloradopilots.org/content.aspx?page_id=4002&club_id=612720&item_id=2133918
 Sat 24 Helicopter Showcase, Exploration of Flight*, 10AM-2PM, <https://wingmuseum.org/events/helicopter-showcase/>
 30-31 History Comes to Life Showcase, Exploration of Flight*, times vary
<https://wingmuseum.org/events/list/page/2/>

SEPTEMBER

- 1-2 History Comes to Life Showcase, Exploration of Flight*, 8AM-5PM
<https://wingmuseum.org/events/list/page/2/>
 Sat 7 Breakfast Fly-In, Exploration of Flight*, 9:30AM-12:30PM
<https://wingmuseum.org/events/breakfast-fly-in-sept/>
 Sat 14 Chapter 1627 Young Eagles Rally, Pancake Breakfast, and Burger Burn, KBDU,
 8AM-1:30PM, [https://coloradopilots.org/content.aspx?
 page_id=4002&club_id=612720&item_id=2279033&event_date_id=281545](https://coloradopilots.org/content.aspx?page_id=4002&club_id=612720&item_id=2279033&event_date_id=281545)
 Sat 14 Vintage Showcase, Exploration of Flight*, 10AM-2PM, see
<https://wingmuseum.org/events/vintage-showcase/>
 Mon 16 Chapter 648 Meeting, KLMO, 10AM, see <https://chapters.eaa.org/ea648>
 Wed 18 Chapter 1627 Meeting, KBDU, 6-8PM, see <https://chapters.eaa.org/ea1627/event-calendar>
 Fri 20 Chapter 301 Meeting, 7PM, see <https://www.eaa301.org/membership>
 Sat 21 Colorado 99s Wings & Wheels Poker Run, see flyer on page 10 and website info at
<https://www.colorado99s.org/pokerrun>
 Sat 21 Chapter 301 Young Eagles Rally, KCFO, 7AM, <https://www.eaa301.org/young-eagles>
 Sat 21 Breakfast Fly-In, 20V - Kremmling Grand River Aviation, 8AM-12PM
https://coloradopilots.org/content.aspx?page_id=4002&club_id=612720&item_id=2296009

*Most events at Wings Over the Rockies Air & Space Museum and Exploration of Flight require museum ticket pre-purchase. That's not a bad thing, it keeps the museums running!



The Young Eagles Rally for August will start early again to beat the heat. We have a full roster of kids but so far, only 5 pilots. Please consider coming out to fly kids. Make sure your EAA membership, Youth Protection Course, and Background Check are current. Pilot briefing @ 7:30 am, start flying shortly afterwards.

Clifford Hasenbalg
EAA Chapter 43 Young Eagles Coordinator
303-359-2758 c

Chapter Name Tags

Want an official chapter name tag? See Herrill Davenport. Payment to Herrill is requested before the tags are ordered - \$8.50 for a pin fastener or \$9.50 for a magnetic fastener. He'll have your name tag at the next meeting!



Social Media Co-Coordinators John Kellogg & Jim Wood

John and Jim administer Chapter 43 accounts on Facebook, Instagram, and Twitter, but they need content! Send Chapter announcements and project/flight/event pictures and stories to johnkelloggflays@gmail.com and president@EAA43.org. Links to the Chapter Facebook and Twitter accounts have been added just under "Welcome to Chapter 43" on the Chapter's homepage at www.eaa43.org. If you select the Instagram logo in the same area, it will take you to [instagram.com](https://www.instagram.com) where you can type in the handle @eaachapter43! If you use Facebook you can find the Chapter 43 accounts by searching for EAA Chapter 43 or @EAA43. If you use Twitter, search for @eaachapter43.

From Membership Coordinator Mike Savino

December was membership renewal month; if you're not sure of your membership status, see me at the monthly gathering or email me at ea43membership@eaa43.org. You can renew at <https://chapters.eaa.org/ea43/join-or-renew> or bring a check made out to EAA Chapter 43 to the next meeting. Periodically the chapter sends out emails from ea43membership@eaa43.org to all members. To help prevent those emails from ending up in your spam folder, please add ea43membership@eaa43.org to your email contact list. We can't control how e-mail is marked as spam. What we can do is add the contact and this will help.

Miss the old roster? You can access it online at <https://roster.eaachapters.org/main> and log in with your EAA National credentials. Don't have those? Go to <https://www.eaa.org/ea43/>, click on "SIGN IN" in the upper right corner of the webpage, and click on "Create an EAA.org Account" in the popup window to get access!

Scholarship

We had a very determined bunch of young aviator candidates this year, and we are excited for them to become pilots and fulfill their dreams! Many of the scholars were close to soloing or had completed their solo when we interviewed them in January. Now, half of them are working on their cross-country flights and check rides! You'll hear more about them in future newsletters.

The Scholarship Committee

mikesutton@gmail.com

suttonjennym@gmail.com

Memorial Wall Ceremony

Held on the final Sunday of AirVenture, the Memorial Wall Ceremony honors EAA members and other aviators of note that have passed in the previous year. This year Chapter 43 memorialized two of our own, Chapter President (at the time of his demise) John Reading and long-time officer and active member Bob Wilson.



No Name Column by Cliff Goldstein

Oshkosh came and went in a blink of an eye. Before going east, I always do my instrument proficiency check knowing full well, somewhere there's IMC lurking. Polished up Lil top and bottom.

Oscar arrived from Northern Ireland a couple days before and we decided to venture in on Friday, spend the night at Adams County field with Jerry Reuterskiold, John's brother from Wisconsin. Oscar and I have stayed there before. Adams is just about 50 miles west of OSH, a great place for fuel at \$4.96 and the hospitality can't be beat. Good food and catching up. The next morning, we ventured over to OSH. On the first approach to Fisk, we missed Fisk Avenue, and had to go back to Green lake, but a pretty easy approach either way. Very nice ride in. Oscar basically hand flew the plane from departure right up until landing which I blew by with my eyes out the window and not on the airspeed indicator. We seem to land a bit slower down near sea level on a 3000 foot long field. You can always go around, which is what we did.

Oscar and I happened over to KidVenture on Sunday, and met with the old Head of KidVenture Dan Makala. We explained that we wanted to help build radios. The guy that set up building radios, Levi, just happened to be sitting with Dan looking for help. We turned around and were hired on the spot. Building radios with 6 year olds is a bit of a drag, but when the kids get a bit older, it's pretty fun. We did that for ½ days and toured the show for the rest.

For me anymore, I guess, it's just walking along and having someone holler out your name from nowhere. With all those people there, it happens more times than not that someone will recognize you or you'll see an old friend from the past. It used to surprise me but it seems to happen often.

The Innovation Center was not what Oscar and I had seen in the past. I don't know if that was just cycles or covid or what. We saw a lot of new things but not as much as in the past. There was the UL engine that could have been a drop in for the XP390 with turbo charger. The weight was just a little light but it's surprising what Rotax, UL and similar smaller engines are doing moving forward.

I met with my old friend Rhonda Brewly from Barrett. We got to talking about an engine in her shop where they were putting on an Electroair electronic ignition conversion. Scott and I had just finished an Electroair system install on Larry Earnshaw's Cardinal. As usual a good system with really poor instructions, and a lot of paperwork. I enjoy sharing those stories with friends. I think that's what OSH has turned into, a chance to visit with old friends from around the country. Like Gino Gharadia. Gino had purchased an RV14 that had an engine identical to mine, Superior XP400. That engine was recalled twice before Superior bought it back and the original owner and I converted both our engines through Barrett to the XP390. Gino was the third owner and had called many times with EFII questions, not to mention what it was like owning an experimental aircraft. It took Gino two years to learn how to start it, not having any understanding of the fuel system. We finally got to meet and as usual instantly became great friends. I'm sure I'll be seeing him soon.

The night airshow was “pretty typical” but... The fire works display integrated with a drone show and an airplane flying in the middle of all that was truly unbelievable, and the best I’d ever seen...Ever.

On a sad note, Oscar and I were taking a final walk on Friday night when we saw a Diamond twin DA-42 overshoot the runway and stall in a skidding turn just over the runway taking out the landing gear and one of the engines. The really stupid part, there’s always a really stupid part, there was literally no one else landing, the field was wide open and he could have easily...gone around.

Oscar and I packed up Saturday morning and cruised on down to Dayton Ohio to take in the Air Force Museum. There’s nothing like flying over the Midwest at 1000 feet and enjoying the green lush countryside at 130 knots. It’s a part of flying we can’t enjoy here in Colorado with airfields in huge abundance welcoming a quick stop and cup of coffee.

By and large, The Air Force Museum is a must see place to go. You’ll see things there you won’t find anywhere else on the planet. A fantastic museum. We spent 2 days there, enjoying clean sheets and soft beds to boot. Everything you could have heard about Dayton is true, it’s spectacular. I think it was the human side that also struck me regarding the military’s involvement. It was very well presented. Being in the aircraft where Johnson took the office after the Kennedy assassination, very moving. I realize I could write a couple of books about this place. 100’s of aircraft from the beginning to the spectacular, right through space travel, and if you care to stop off and learn the detail that is where a life time could be spent. I found the Berlin airlift and the wall of the Holocaust to be especially moving. But writings about every aspect of what you were looking for were everywhere. There’s no entrance fee and the dossiers were fantastic. You just gotta go.

We left Dayton with a 700 foot ceiling, climbed up into clear blue sky and turned SW to go around a mother of a THD Storm. The Wx from ADS-B may not be perfect but for my flying it will keep those storms at bay.

Beautiful stop in IOLA KS. With gas at \$4.96 and great service. Oh, the fuel at Adams County was \$4.96. Pretty crazy.

Oscar and Scott both got colds and no telling what else. I remember getting in the plane in Dayton and praying their illness wouldn’t hit ‘til I got home.

That’s exactly what happened. I got home and I’ve been crashed ever since. Summer colds are the worst. And yes, later test proved the worst.

For those of you at the meeting last month, I took the advice of AOPA and removed my aircraft from the published list that goes out to vendors. So if you look me up Flight Aware or ADS-B watch, in about a month I should not show up. I’m tired of every person on the planet following me around. Not fellow pilots mind you, the guy in his back yard wanting to report me cause I’m flying “50 feet “ above his house. I’ll leave that to the FAA.

Just a quick note on soaring. Took a short 4 hour jaunt in the mountains last month. Like anything else, the more you practice, the better you get. Made a lousy approach, with an ok landing. That wasn’t good enough so I went back a couple of days later and took 1EF up for a couple of pattern tows to sharpen those pattern skills. There’s always something to learn. I’d hoped to take Oscar up soaring, but with all the meds I’ve taken for this cold, about the only seat I want to be in is on the couch!

See you next month.

A Fond Farewell

This month’s gathering will be the last official one for VP and AV guy Ayden Edgar - he’s off to Fort Collins to start school at CSU in the next couple of weeks. He’s been a great asset to the Chapter, and a really good guy. Ayden, you’ll be missed; don’t be a stranger if you’re in the area!

Road Trips in the Works - Chuck Kubin

One of the coolest aspects of doing the coolest thing you can do, flying, is going to cool places and doing cool stuff.

Just call me Captain Roadtrip. If flying in is an option, I'll check into it and provide details. Here's some ideas I'm working on:

*Visit to Wings Over the Rockies — I have an "in" as a docent, so I'll try to get us a more detailed and longer tour than usual, plus a "behind the curtain" look at the restorations area. Hoping for some discussion about acquisitions and the actual work to meet museum vs. airworthy standards. Recent highlights: the second stage of a ULA rocket, the "Baby BOOM" 2/3 mockup of the next-generation supersonic transport, and a 1926 Eaglerock. A long shot, but since Harrison Ford is a huge backer, maybe we could do a Facebook interview with him from the museum theater. And Lowry Beer Garden and an ice cream stand in a rocket is right next door.

*Visit BOOM — One of about 158 aerospace companies associated with KAPA, this is the company developing aircraft capable of traveling over land without blowing out your picture windows as we will hear a thump instead of a sonic BOOM. Planes are built in Alabama, so we'll be talking to developers about concepts and production.

*Visit the towers at KAPA and/or KBJC — Over years I did both, and back then they toured small handfuls of visitors or a still relatively small group divided into shifts.

*Flight for Life — All the details are pending what we can get, but the concept is to see the birds up close and talk to the pilots, planners and responders.

*National Museum of WWII Aviation/Westpac Restoration — Smallish, intimate museum has 28 FLYING aircraft on display and 10 more in restoration, including B-25 "In the Mood," the only flying P-47, Dauntless dive bomber, one of six remaining F7-F Tigercats, P-38... Westpac, right next door, gets you right into the thick of the work. Located on the northern tip of KCOS.

*Pueblo Weisbrod Aircraft Museum — WOW! Where to start! Nationally famous, dedicated to the B-24, but it doesn't have a B-24 (12 B-17s and -24s are rumored to be buried near Pueblo). It does have a small museum, two huge hangars and a big outdoors display with the B-29 "Peaches," a B-47, B-17, A-26, C-45, MiG 15 and -17, F-80, T-33, F-80, F-104, F-86, and even the Sikorsky Seabat 'copter that fished Alan Shepherd and Friendship 7 out of the drink in 1961. Located on KPUB.

*Denver Air Route Traffic Control Center (ZDV), Longmont. See what it takes to coordinate a region's worth of air traffic.

*Oshkosh, Neb. — sweet roll/donut humanitarian rescue mission. Repeating a favorite.

*Space Command satellite operations — My aviation merit badge wingman was recently promoted from satellite driver to satellite driver supervisor at a Space Command detachment at Peterson AFB. He briefly mentioned a control room visit once, so I'll look into it. No, you don't get to see the classified stuff...even if you could tell what it is.

*USAF Academy — Visitor center is free and the famous chapel (NOT built from spare airplane parts, as rumored) is open daily. The trip can continue into CS to get either the best barbecue or German food in Colorado. Or maybe one of three distilleries or several breweries.

*Back to FlyteCo — In the wake of our 5-star rated 2023 banquet, several members are interested in going back as a group for some social time.

So that should keep us busy for awhile. Hit me at dreamwoodck@yahoo.com with your ideas, and if you want to register high interest in any of what's here. I'll turn up the heat on what seems the most popular and from here I'll get with Jim and the VPs to target some dates.

SilverWest

AIRFEST 2024

AUG 10 GATES OPEN **7:30AM**

SILVERWEST COB AIRPORT
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**SATURDAY
SEPTEMBER 21**

RULES

- OPEN TO ALL VEHICLES - CARS, MOTORCYCLES, ANY TYPE OF AIRCRAFT
- \$20 PER HAND - UNLIMITED HANDS!
- STOPS INCLUDE: FORT COLLINS (FNL), LONGMONT (LMO), BOULDER (BDU), TERMINUS-ROCKY MOUNTAIN METRO AIRPORT (BJC)
- START AT 8:00 AM. PICK UP A CARD AT ONE OR MORE AIRPORTS, IN ANY ORDER OR PICK UP ALL OF YOUR CARDS AT THE TERMINUS (BJC)
- SUBMIT YOUR HANDS AT THE TERMINUS (BJC) BY 12:30 PM FOR AWARDED OF PRIZES
- CHECK WEBPAGE FOR DETAILS AND LAST MINUTE UPDATES



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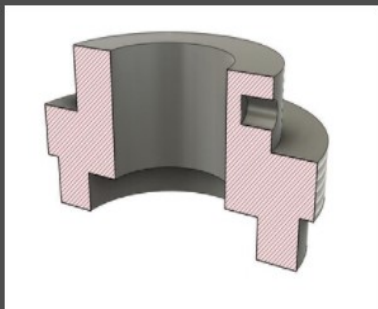
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John was recommended to do some work on Herrill Davenport's 182 fairing, and wants to do more airplane work.



A small machine shop using a manual mill, lathe and surface grinder to offer custom machined parts to the advanced hobbyist or individual seeking support in product development or parts no longer available from a manufacturer. Shop rate is \$55 per hour, typically less than half what most shops charge. Specializing in very small quantities of parts, tools, etc. Turnaround time is one day to a couple of weeks, depending on the needs of the customer. Hansen Precision is your answer.

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Prototype Development



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Freedom Avionics is located in Broomfield, Colorado at the Rocky Mountain Metro Airport (KBJC). Our roots go back 30 years! Let us impress you with our high quality of service and support for all of your avionics needs. Whether it be new digital glass or old legacy avionics, count on us to find solutions for you. We are certified dealers for every major brand and have been awarded by Garmin as being in the top 1/3 of all dealers in the world!

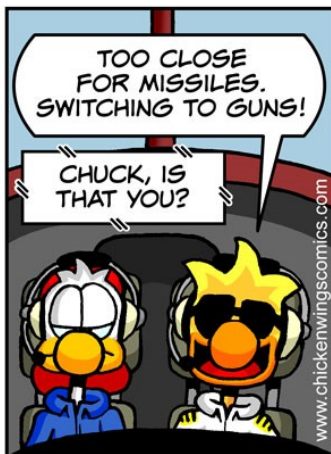
Services include: FAA-approved Part 145 Repair Station (Testing, Repairs, New Installs)
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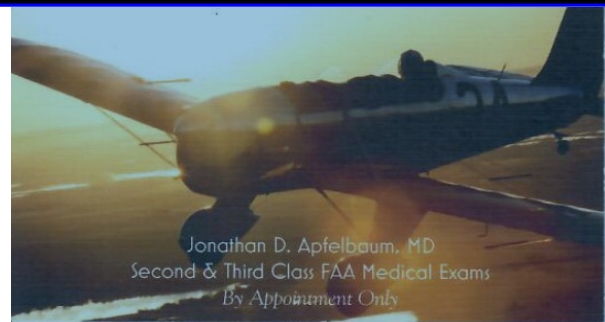
Located at 11905 Corporate Way, 303-469-5633, <https://freedomavionics.com/>

Chuck Grow Flight Instruction

Basic Instruction, Check Rides, Bi-Annals
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No, not that Chuck!



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 Aviation Medical Examiner

 Cell: 801-913-1211
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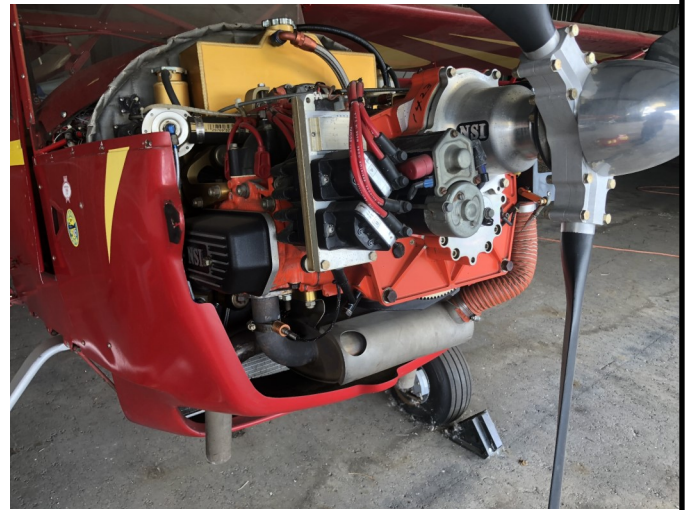
Shown in completed form, from <https://fisherflying.com/horizon1/>

Additional aircraft specifications at <https://fisherflying.com/wp-content/uploads/2020/05/Horizon-1-Info.pdf>



For Sale

Subaru NSI firewall forward for Kitfox Model IV. EA81 engine (98hp) with reduction drive, 3 blade ground adjustable prop (and electric in-flight 3 blade (NSI??) of unknown condition). Engine has 400 hours. Will sell for \$3500. Call Lynn @ (720) 289-5378 or email LVBDesign@msn.com. I haven't removed it yet but I'm very close to that. Installing a Rotax 912.



MILE HIGH EAA Chapter 43 Minutes

July 13, 2024

VMC Coordinator Andre' Smith opened tonight's gathering at 6:00.

VISITORS & NEW MEMBERS

- Introduce Yourself.
- How Did You Find Us?
- Your Interests?
- FREE 6-month Membership.

No visitors other than program speakers.

FOOD & FRIENDSHIP

- Welcome Our Guests!
- Enjoy the food and friendship!
- Speaker Begins at 6:45 p.m.

TONIGHT'S SPEAKERS – Brett Treadway and Jim Louis from Freedom Avionics

Jim asked trivia questions! Who was the first pilot to break the speed of sound? Chuck Yeager, in 1947, in the Bell X-1. In September 1908, the Wright Brothers demonstrated a new plane, flown by Orville. What famous future aircraft manufacturer witnessed the flight? A young Donald Douglas, who went on to create Douglas Aircraft Company, which later merged with McDonnell Aircraft to form McDonnell Douglas Corporation.

Brett got his PPL in 1987 and bought a C-172 immediately. He came to the Denver area to get his A&P at what is now Spartan. He also got a 182, and flew anything he could. He spent 3 years as a missionary in Brazil, and navigated IFR with a GPS295 handheld in 2001 on the way to Nicaragua. He started Legacy, then sold it and bought Freedom Avionics at the original owners' request so they could retire. It was a tough transition, but the company picked up after a couple years. He sold Freedom in 2021, but the new owners couldn't make a go of it so Brett and his wife bought it back. He partnered with Jim Louis in 2022. (Jim brought plates tonight, as well as his dad, really good with avionics and a mechanic.) Jim bought a PA28-180 which his dad fixed up. General aviation is a small community - there are about 150,000 GA planes in the US - compare that with city traffic!

Jim asked who's going to OSH this year, and who's been (almost everyone!) Jim is a member of Bonanzas2OSH (B2OSH). He first flew from California to OSH with his dad, as well as a friend in another plane. He was antsy about arrival due to his colorblindness and figured the easiest way to land was with a wingman. B2OSH lands 3 planes abreast (on both north/south runways and the parallel east taxiway) with 1/2 mile between the trios - up to 15 planes on the runways at a time! Jim's dad suggested a trailer to display avionics for Freedom; Jim obtained an Empennage (C35 Bonanza) fuselage, added rudimentary wings and a glass cockpit for road use!

Jim told us about Freedom Avionics' August 9th Open House - see the Calendar on page 3 for details. Jim came to Colorado in 2018. He and Brett are opening up a second shop at Front Range.

ADS-B Questions: Ken Scott asked if military aircraft show up in ADS-B. Only if flying cross country; otherwise they're silent. General aviation go on UAT (1090 frequency) if their avionics allow, but there's no anonymous mode. Law enforcement is another issue - they worked with the FAA to remain anonymous from the bad guys. Freedom took a call from a guy claiming to need

anonymous mode to avoid harassment from his ex-wife's brother. Beyonce had bad guys on Flight Aware tracking her departure so they could rob her house.

ADS-B was first tested in Alaska. The federal government went to Garmin to build, and plane owners were sold units at half price to install - this was successful, so the FAA mandated ADS-B use, and made use of the system free. There are no blank spots now in the US, but that took from 2010 to 2022! Jim asked if anyone had had a control tower claim they couldn't hear your ADS-B - you have to have a transponder with a Mode C pressure altitude encoder; need to be within 150 feet. If GPS isn't working (there are blind spots east of Front Range), it can take time to get it back. Your system must be set to 1echo7 - GPS location within 3 meters. Planes identified in hexadecimal and octal versions of your N-number. There are ground stations to cover blank spots and shadowing, which makes navigating traffic almost bulletproof.

Stan Specht asked about ADS-B in Canada - their ground station system is vestigial; planes have diversity with antennas top and bottom. Mexico is implementing ADS-B; don't know if they'll use diversity or not. Europe was first to implement ADS-B, but there's nothing in Africa.

Someone asked about "seeing himself" - what causes that? Jim said installation.

uAvionix has an LED beacon with a 1090 blade antenna for wing mounting - but you can't see the light to tell it's on! Then they made a tail install! They need an indicator on the panel. Need to update transponder to Aperi or Garmin. Freedom has taken out a lot of transponders.

Sarah Winkler asked if anonymous mode is allowed at OSH - per the NOTAM, transponders should be on, with the exception of mass arrivals - ADS-B should only be on for the lead and final planes. If you're flying to OSH, be prepared for anything to happen!

Herrill Davenport has a uAvionix unit - his info shows airplanes next to him as being 1000' lower than he is. It worked well for the first year, now it's off. Jim gave Herrill a business card and asked him to contact Freedom to take a look. The problem is in the ADS-B IN box.

If flying in formation, only 1 plane with their ADS-B system on; otherwise the tower hears a steady beep-beep-beep of two planes too close.

Jim wished us safe journeys to OSH; he's going as far as LaCrosse. He asked if anyone had gone to Depot Avionics lately - its owner passed away recently in a 182 crash.

Lynn Briggs is getting a panel version uAvionix system - is it okay, is there an affordable alternative? The experimental G5 is cost-conscious, and works with a Garmin autopilot.

After the program, the meeting opened at 7:49 by Andre' Smith.

MEMBERSHIP – Michael Savino

- Unsure of your status?
- Need to add a picture?
- Want online access to our roster? You can access it at <https://roster.eaachapters.org/main> and log in with your EAA National credentials. Don't have those? Go to <https://www.eaa.org/eaaf>, click on "SIGN IN" in the upper right corner of the webpage, and click on "Create an EAA.org Account" in the popup window to get access!
- Check your status during the break or after the meeting.

JULY 2024 CHAPTER VIDEO MAGAZINE

<http://eaa.brightcovegallery.com/chapters/detail/videos/feature-video-collection/video/6354886592112/july-2024-chapter-video-magazine?autoStart=true>

1200 pilots are signed up to fly Young Eagles - that's back to pre-pandemic levels! The FAA is committed to releasing MOSAIC in 2025. It expands LSA and reauthorizes Basic Med! General aviation is specifically mentioned in the FAA's federal budget authorization, which the President has signed. One unleaded aviation fuel is certified, two more are close as is an ASTM standard that will allow more manufacturers to produce.

CURRENT EVENTS

- Stan Specht invited OSH attendees to attend the EAA Memorial Wall Ceremony on the last Sunday of AirVenture.
- Metro Airport Director Eric Dahl is scheduled to meet with Chapter President Jim Wood and has been invited to present at the October Chapter Gathering.
- Metro Airport Advisory Board - First meeting is Wednesday, July 17 - Jim Wood will update us at the August gathering.
- Noise Abatement Checklist - Please try to follow!

NEW CHAPTER INITIATIVES

- Return of "Café 43"???
- **Volunteers Needed**
- Artful Flying Deep Dive (August 2024)
Get a copy!
- Fall Fly-In/Fly Out???
- **Volunteers Needed**
- 2025 Elections Nominating Committee
- **Volunteers Needed**, Elections in December
- 2025 Annual Banquet (in January)
- **Volunteers Needed**

REGULAR EVENTS

- **Young Eagles** – Coordinator Cliff Hasenbalg - Next Rally: August 17, 2024, Erie Municipal Airport 7:30 – 11:30AM **PILOTS and GROUND CREW NEEDED!!**
- **VMC Club** – Andre' Smith Coordinator
Next Meeting: August 13, 2024, 2400 Industrial Lane, Broomfield, CO, 6:00 – 8:30PM. WINGS credit! Scenarios from EAA training!
- **IMC Club** - Larry Earnshaw Coordinator
Next Meeting: August 22, 2024, 170 Cessna Drive, Erie, CO, 6:30 – 7:30PM. WINGS credit!
Scenarios from EAA training!
- **Builder's Club** - Andy McRae Coordinator
Next Meeting: August 27, 2024, 2400 Industrial Lane, Broomfield, CO, 6:00 – 8:00PM. Continuing discussion on POH (Pilot's Operating Handbook).

The Noise Abatement Checklist

Avoid disturbing/overflying residential areas if practical by:

- Climbing initially at V_y
- Reducing RPM when safe
- Flying standard or higher glide path
- Overflying major road corridors and/or open space when able
- Using 30R/12L for night pattern operations

Your cooperation with noise abatement, when able, is appreciated.

SCHOLARSHIP UPDATE

None this month.

SAFETY CORNER – Sarah Winkler on Mountain Flying

Sarah showed a YouTube video (<https://www.youtube.com/watch?v=WgKgVRumwmo>) of a Cessna 152 near-crash attempting a pass in the Colorado mountains. “Always leave yourself an escape route!” Sarah was piloting during an Army Search and Rescue of a missing hiker at the Crestone Needle - in the helo you HAVE to keep a minimum of 40kts. This pilot has a similar issue.

FUTURE CHAPTER GATHERING AGENDA ITEMS – Do you have

- Trip Reports - Someone present bought an Archer in May and flew it home recently.
- Build Projects - Larry Earnshaw’s IO360 dual Bendix mags were outdated and had to be replaced. Electroair has a kit, which Cliff Goldstein installed under the direction of an A&P. It started!
- Safety Topics - Cliff Goldstein had a FSDO near-hit near Lake Winnetka; he was 150ft from another plane. It was reported from the ground (18 second separation).
- Other Ideas - Bill Mitchell reminded us of the after-the-meeting meeting at Applebee’s at 120th and Lamar!

Got something to add to the next meeting? Send an email to Jim Wood (see below) so he can budget time!

GENERAL DISCUSSION

- Next Meeting Saturday August 10th, 2024
- Jim Wood, (720) 314-9663, president@EAA43.org, drjamesmwood@gmail.com. Lynn Briggs thanked Andre’ for stepping in for Jim!

Meeting closed at 8:23PM

Respectfully Submitted,

Val Gregory
EAA Chapter 43 Secretary

Parting Shot (literally)!

(Too many funny memes - here are a couple PG-rated ones.)





Membership Enrollment Information

(Needed for Current Roster & Chapter Correspondence)



MANDATORY INFORMATION: *If nothing has changed from last year, this is all the information required. We need EAA Membership # and EAA Renewal date to comply with EAA Charter and Chapter 43 by-laws.*

Date: _____	Annual Dues or	\$25.00
Name: _____	Save! 5 years for	100.00
National EAA Membership #: _____	Scholarship Donation (Optional)	<u> .00</u>
EAA Membership Renewal Date: _____	Total	.00

Are you a:

Technical Counselor	Yes ___ No ___
Flight Advisor	Yes ___ No ___
CFI	Yes ___ No ___

Scholarship donations are tax deductible.

*Please make check(s) payable to:
EAA Chapter 43
P.O. Box 1725
Broomfield, Co. 80038-1725*

NEW MEMBERS PLEASE COMPLETE - RETURNING MEMBERS OPTIONAL INFORMATION: *Supply any information that may have changed from previous year (if you want a field deleted from your record, please tag it).*

E-Mail Address: _____	Home Phone: _____ - _____ - _____
Spouse: _____	Cell Phone: _____ - _____ - _____
Street: _____	
City, State, and Zip: _____	

HOW WOULD YOU LIKE TO BE INVOLVED IN THE CHAPTER?

Participate in Young Eagles functions, either as pilot or volunteer?	Pilot	Yes ___ No ___
	Ground Crew	Yes ___ No ___
Arrange, Or Be, The Program For One Of Our Meetings? -----		Yes ___ No ___
Host A Chapter Meeting At Your Project? -----		Yes ___ No ___
Run for a Chapter Officer Post? -----		Yes ___ No ___
Interested in attending hands-on workshops (under consideration)		Yes ___ No ___

AIRCRAFT INFORMATION:

Note: Status: ---Built, Building, Restoring, Considering, etc.

<u>Make, Model</u>	<u>Status</u>	<u>Based At</u>
_____	_____	_____
_____	_____	_____

To keep costs down the monthly newsletter is delivered via E-Mail (unless otherwise requested). We also send out periodic news items by e-mail.

2024 Chapter Officers

President	Jim Wood	720-314-9663
Vice President	Ayden Edgar	ayden.m.edgar@gmail.com
Vice President	Andy McRae	303-330-3825
Secretary	Val Gregory	303-908-1252
Treasurer	Dixon Herboldsheimer	303-947-1688

Board of Directors

Jim Wood (Chair)

Pete Watkins*

Stan Specht*

Ricky Domenico**

Larry Earnshaw**

Alternate Directors

Kirk Brennan

Chuck Kubin

(Note: *- 2 year terms expire end of 2024, **- 2 year terms expire end of 2025)

Volunteer Officers

Technical Counselor	Jim Sutton	303-598-4205
Technical Counselor	John Reuterskiold	303-881-3517
Technical Counselor	Will Heltzel	303-345-5784
Flight Advisor	Bill Mitchell	303-427-4025
Newsletter Editor	Val Gregory	303-908-1252
Young Eagles Coordinator	Cliff Hasenbalg	303-359-2758
Young Aviators Coordinator	Jeff Jones	303-809-3994
Young Aviators Advisor	Andy McRae	303-330-3825
Young Aviators Advisor	Scott Serani	303-358-2858
Young Aviators Advisor	Mike Sutton	303-515-5269
Membership Chair	Michael Savino	303-898-8456
IT Coordinator	Bryan Hartley	970-510-6535
IT Coordinator Backup	Chris Alston	alston.chris@pm.me
Social Media Co-Coordinators	John Kellogg	johnkellogflies@gmail.com
	Jim Wood	president@EAA43.org
Safety Officer	Sarah Winkler	303-908-2914
Refreshments	John & Roxie Juul	720-626-7707
Audio/Visual	Herrill Davenport	720-273-1643
	Ayden Edgar	ayden.m.edgar@gmail.com
Scholarship Chairs	Mike & Jenny Sutton	720-515-5269
Builders' Club Coordinator	Andy McRae	303-330-3825
IMC Club Coordinator	Larry Earnshaw	720-425-7987
VMC Club Coordinator	Andre' Smith	720-270-5944

CFI's in Chapter 43

Mark Davis	303-425-4080	Tom Shaw	303-275-0904
Chuck Grow	719-640-2905	Mike Sutton	303-515-5269
Jeff Hinkle	303-550-2291	Stephanie Wells	303-503-0147
Bill Mitchell	303-427-4025		

Mile High EAA Chapter 43

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Mile High Flyer
EAA Chapter 43
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First Class



Gatherings are normally held on the second Saturday of each month at 6:00 PM—Location determined monthly. See Page 1 for details of the upcoming gathering.