

Mile High Flyer

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



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August, 2023

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

Greetings Everyone.

I'm writing this month's message from the flight line at Oshkosh.

Extraordinary aviation author Gordon Baxter captured it perfectly - "Oshkosh is America at her best." For a few short days each year, those of us that love anything and everything aviation gather together for "aviation's family reunion."

I'm flooded with thoughts about this glorious event and how it mirrors both the challenges and the opportunities we face as a Chapter.

This is about my twentieth time attending Oshkosh, yet I never cease to be amazed how a common passion and vision can unite this enormous community of ours and drive us all toward behaving in alignment with a culture of true greatness – from the world-class performers, to the impeccable show planes, the mind -boggling logistics, the hundreds of expert presenters, to the amazing army of volunteers (including the tremendous work our Chapter 43 does at KidVenture), right down to the everyday folks that stop, bend down, and pickup a stray piece of trash — all people of diverse backgrounds, talents, and interests uniting together and volunteering their best effort toward greatness!

This year I especially noticed the diversity of Oshkosh experiences. Some folks stay glued to the flight line and are perfectly content to watch (and critique) the thousands of takeoffs and landings during the week. Others spend the entire show volunteering. Many are workshop junkies. A significant group seek out "birds of a feather" – planes similar to theirs to compare and contrast. Still others scour the vendors for parts, deals, and advice. Others are the party animals. Many are here just for the air shows. Yet the common denominator amongst all these tribes is fellowship and camaraderie. The very best of Oshkosh is the wonderful human connections we enjoy.

It's my intent that we bring our unique tribes together – through fellowship and camaraderie and connection – to maintain a culture of greatness here at Chapter 43.

I look forward to your help,

Jim

Next Gathering - Saturday, August 12, 2023, 6 PM

@ the Mount Evans Room in the Terminal Building at RMMA (BJC)
Program will be Chuck Stout from Wings Over the Rockies
"The 20 Greatest Moments in Flight (That You Never Heard Of)",
along with an overview of what's going on at Wings Over the Rockies.

CHICKEN WINGS

BY MICHAEL AND STEFAN STRASSER















In this issue:

- Title pic From AirVenture, my favorite time of day.
- Save the Date! The annual OSH/AirVenture Debrief Pizza Party is scheduled for Saturday
 September 9, around 6PM, at John Stewart's hangar at Erie (KEIK), 2435 Cessna Drive, Erie, CO.
- This month's Chicken Wings is part of a (short) series; see *Parting Shot!* on page 24 for more.
- Why is this month's newsletter SO BIG??? 'Cause there's so much going on! Had to downsize text in the Calendar there's so much going on! FIVE event flyers. The pandemic is OVER, friends!
- 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 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.

-Ujjeoming/Events/Galendar 2023 CHAPTER EVENTS

AUGUST

- Tue 8 Chapter 43 VMC Club, 6PM, live and virtual, contact andresmith 76@outlook.com
- Sat 12 Chapter Meeting at the Mt. Evans room at BJC, 6PM
- Sat 19 EAA Chapter 43 Young Eagles Rally EIK, 7:45AM
- Thu 24 Chapter 43 IMC Club, 6:30PM, live and virtual, contact <u>llearnsh@gmail.com</u>

SEPTEMBER

- Sat 9 Annual Pizza Party & AirVenture Debrief, John Stewart's hangar at EIK, details next month.
- Tue 12 Chapter 43 VMC Club, 6PM, live and virtual, contact andresmith 76@outlook.com
- Sat 16 EAA Chapter 43 Young Eagles Rally, EIK, 7:45AM
- Thu 28 Chapter 43 IMC Club, 6:30PM, live and virtual, contact <u>llearnsh@gmail.com</u>

2023 AREA EVENTS

AUGUST

- Fri 11 Chapter 301 Meeting, 7 PM (6:30 social) https://www.eaa301.org/newsletters
- Sat 12 SilverWest AirFest, 7:30AM-3:30PM, Butler Field/SilverWest Airport (C08) https://www.custercounty-co.gov/airfest, See Flyer page 8.
- Mon 14 Chapter 648 Meeting, 6 PM, see https://chapters.eaa.org/eaa648 for location
- Wed 16 Chapter 1627 Meeting, https://chapters.eaa.org/eaa1627/about-us
- Sat 19 Runway Revelry Fly-in, Goodland Municipal Airport (KGLD) Kansas, 7 AM to 1 PM. See flyer, page 9.
- Sat 19 CPA Sponsored Mountain Flying Ground School, 8:30AM-5PM, KAPA Centennial Airport Administration Building, 7565 S Peoria St, Englewood, CO.

 Registration required, FAAST Credit
 https://coloradopilots.org/content.aspx?page_id=4002&club_id=612720&item_id=1916289
- Sat 19 FlyteCo Tower's 1st Anniversary/National Aviation Day Party benefitting I Hart Flying, 5-9 PM, 3120 Uinta St., Denver. See Flyer page 10, <u>tickets</u> at http://anniversaryflyte.eventbrite.com
- Sat 26 Angel Flight West's Runway 5K Run for the Angels, BJC at 11001 Control Tower Road, Broomfield, race start at 8:30 AM. See Flyer page 11. Registration at https://runsignup.com/Race/CO/Broomfield/Runway5KRunfortheAngels
- Sat 26 Vintage & Vargas Showcase, Exploration of Flight*, 10 AM 2 PM https://wingsmuseum.org/events/vintage-vargas-showcase/

SEPTEMBER

- 1-4 History Comes to Life Showcase, Exploration of Flight* 9 AM 5 PM. Featuring Ford Tri-Motor, C-47 "That's All, Brother", C-45 Twin Beech and SNJ. Food trucks on site, rides available, see flight booking at https://wingsmuseum.org/events/history-comes-to-life-showcase/2023-09-01/
- Wed 6 Antique Airplane Association of Colorado Meeting, 7-9PM https://aaaofcolorado.org/news-and-events/
- Fri 8 Chapter 301 Meeting, 7 PM (6:30 social) https://www.eaa301.org/newsletters
- Sat 9 "Flight into the Night" Airshow, KTQK, Scott City KS. Opens at 5 PM, airshow at 7 PM. See Flyer on page 12.
- Sun 10 Erie Air Fair, EIK, 11 AM 3 PM; see page 4 for more details!
- Mon 11 Chapter 648 Meeting, 6 PM, see https://chapters.eaa.org/eaa648 for location
- Wed 20 Chapter 1627 Meeting, https://chapters.eaa.org/eaa1627/about-us
- *Most events at Wings Over the Rockies Air & Space and Exploration of Flight require museum ticket pre-purchase to meet social distancing regulations. That's not a bad thing, it keeps the museums running!

September 10 will mark the return of the Erie Air Fair from 11 AM -3 PM! There is a new group running this event including Angela Tarry and myself (Emmett Dowling). We will have a AH-64 Apache leading the aircraft displays, 11 food trucks, vendors, bounce houses, and Bianca and the Flyboys on stage. We are looking for additional volunteers to help assist with the event and any aircraft that wish to be displayed. The chapter will be provided a space for a tent as well. Please contact me with any questions.

Thank you!

Emmett Dowling
Erie Air Fair
602-690-8104
Emmettdowling@gmail.com



Young Eagles

Our August 19th Rally was filled within 1 1/2 hours, and has 5 pilots for the full roster of 35 kids; more pilots would be greatly appreciated. <u>Please</u> consider flying on the 19th!

Cliff Hasenbalg Young Eagles Coordinator EAA Chapter 43 303-359-2758 Facebook – Young Eagles EAA Chapter 43

Chapter Name Tags

Want an official chapter name tag? See Herrill Davenport (the guy behind the laptop running the meeting A/V system). 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 Coordinator John Kellogg

John administers Chapter 43 accounts on Facebook, Instagram, and Twitter, but he needs content! Send Chapter announcements and project/flight/event pictures and stories to johnkelloggflys@gmail.com. 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 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 Members.

Periodically the chapter sends out emails from eaa43.org to all members. To help prevent those emails from ending up in your spam folder, please add 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.

Interview with Wendy Elliot, a former Ray Scholar

Interviewed and written by Auston Froid

What made you interested in aviation?

When she was 12, she joined many aviation-related groups, such as the Civil Air Patrol and the EAA, as well as discovery flights and free flights on a glider. This is what kickstarted her interest in aviation and then turned into a love for aviation. Her dad was a private pilot, and her brother trained to be a private pilot, so she had a family interested in aviation.

When did you start associating with the EAA, and what was your experience with them? Wendy started in the EAA in Chapter 43, when she joined Young Aviators when she was about 12 years old. From 12 through college, she was actively involved in building the B25 simulator and volunteering at Oshkosh. She just moved to St Louis and plans to join an EAA chapter there.

What are your goals in aviation?

Wendy stated that she has all the certifications up to commercial multi-engine and just got a job at Meisinger Aviation flying around the country and taking aerial pictures of whatever clients need. Her end goal has been to work for FedEx and is hoping to make that happen.

Is there anything you would do differently if you could go back?

She said that she liked how she did all of her training and wouldn't change much. She got into aviation young and met a few GA pilots that were happy to take her flying and teach her about aviation. One big piece of advice she had was to research the flight school and make sure they were credible because they can make your experience great or horrible.

Do you have any advice to give people in flight training or thinking about going into flight training?

Wendy emphasized that if you want to enter an aviation career, a commercial pilot is not the only position in the field. There are plenty of piloting jobs that do other tasks, such as scientific research, firefighting, military operation, and search and rescue.

I had a great time interviewing Wendy and learning about her story. Wendy made it clear that if anyone wanted to contact her (especially any other girls) about getting into aviation, then they could reach her through her email: <u>w.elliot2220@gmail.com</u>

No Name Column by Cliff Goldstein

The flying summer is in full court press, and in spite of the heat, the flying has been wonderful. Just a quick note, working on my glider check ride. Learning today is not what it was like 40 years ago. The one major difference besides a lack of the correct amount of brain cells from long ago, it's simply amazing how many weather products are available for a pilot regardless of whether you're flying, gliding, or ballooning. In spite of all that information we had a ballooning incident in the early day due to un-forecasted winds that sent two to the hospital with two separate ballooning accidents in two different areas a couple of weeks ago. No matter how good those products are, they still come with a percentage of accuracy...be vigilant.

If you want to see pictures of OSH, you're going to have to attend the September pizza party.

Stephanie and I set out on the Saturday before OSH with the intentions of landing a mere 50 miles away to fuel and visit Jerry Reuterskiold's brother at Adams Field. 250 miles before we got there it seemed an unlikely landing spot. ATC announced our intended airport was under moderated to severe weather. I did a quick look out the window and we were on the ground now just 70 miles from OSH, high and dry with a gaggle of others. A good stop.

After about an hour the weather had cleared from OSH, the field was open, and we could see the conga line forming. We jumped in at the end and proceeded with hundreds of others. Having a second person looking out the window was welcomed as we proceeded down the line. The usual folks who know they should be in the line in front of you occurred, as usual, so a very uneventful ride in except this was a first...Runway 18...Home built parking, a quick ride to the Chapter 43 campsite and an hour later, sitting at the camp with cocktail in hand. Let the fun begin.

In general OSH was...OSH, too hot, too humid, but a chance to catch up with many old friends and make many new friends. The B-25 had the normal long lines with a constant flow kids with huge smiles. I missed the rib building, a chance to connect with so many kids on a one on one basis.

Airshows, cheese curds, and let's not forget Wendt's on the Water and fresh perch.

The level of "new" technology was almost non existent, The flight schools and airlines took much of that space to attract new students and future pilots.

The night airshow on Wednesday was wonderful and the fireworks unmatchable.

As the week wore on the campground became more empty by the day, the flightline with less and less planes to be seen.

I left Sunday for Goshen, Indiana to see an associate and friend which provided a day on the lake with dinner on the lake as well, A little business on Monday, and Monday afternoon a quick ride to Cedar Rapids to spend another day with an old friend and his wife. Burgers, corn, potato salad, and apple pie with ice cream in lowa...Oh My.

Finally turning Lil West, I climbed up through the class C airspace, to 8000 feet. There was a little weather to go around near Lincoln NE. When I arrived back in Erie, Bobbi had the



hanger open and was out waiting for me to taxi up. I handed her the dozen ears of corn from lowa, happy to have had another wonderful trip to Oshkosh.

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 that 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 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 Larry and Jim and target some dates.



RUNWAY REVELRY FLY-IN



SATURDAY, AUGUST 19TH, 2023 7:00 AM-1:00 PM (MST) GOODLAND MUNICIPAL AIRPORT

Join us for a celebration at Renner Field-Goodland Municipal Airport. Enjoy a fun-filled day of aviation, learning, exploring, and community.

Allow your youthful spirit to soar through the skies!

Butterfly Aviation will offer \$0.15 off/gallon of fuel for aircraft attendees.

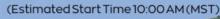
7:00 AM to 9:00 AM:

Free Pancake Breakfast
**Forthefirst 500 ppl

Attractions/Activities:

(Open 7:00 am to 1:00 pm)

- *Live Music from 10:00 AM to 12:00 PM
- *Variety of Aircraft on Display: Including American Flight Museum Warbirds, Classic Cessna 195, Sprayers, & more!
- *AirportBusinessPartners&Hangars Tours
- *LocalEmergencyPersonnelDemonstrations
- *High Plains Museum Aviation History Adventure
- *NOAA/NWS Goodland Exhibit
- *Flour Drop Contest







































CELEBRATE FLYTECO TOWER'S & NATIONAL AVIATION DAY **1ST ANNIVERSARY**

SATURDAY, AUGUST 19

6 PM - 10 PM

FLYTECO TOWER 3120 UINTA ST, DENVER, CO 80238

LOCATED AT DENVER'S HISTORIC STAPLETON CONTROL TOWER



2023 RUN FOR THE ANGELS 5K SIGN UP NOW!

Race Info

This year's 5k will be held on August 26th, 2023 at Rocky Mountain Metropolitan Airport.

We will be having both virtual and in-person races which will begin at 8:30 am on August 26^{th} .

To register go to:

https://runsignup.com/Race/CO/Broomfield/Runway5KRunfortheAngels

or scan the QR code!



SCAN ME

About Angel Flight West

This race is a fundraiser for Angel Flight West, an organization that provides non-emergency medical transportation for patients in areas with little access to the medical care they need.

In 2023, Angel Flight West will commemorate not one, but two amazing milestones: their 40th anniversary and their 100,000th mission. Together with their partners, volunteers, and passengers, they invite the community to join us as they honor our past and celebrate the future of charitable aviation.



Volunteering

If you are interested in volunteering, please reach out to:

Hannah Rockwell or Marty Droze











Our Sponsors

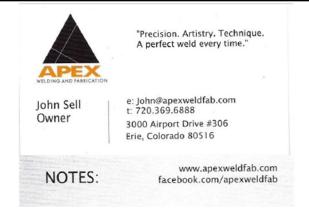
This year's race is sponsored by HDR, Rocky Mountain Metropolitan Airport, Alaska Airlines and FlyteCO Brewing.



Want Ads & articles for publication may be sent to the editor newsletter@eaa43.org



Bill Mitchell reports that Valerie can embroider a couple of different sizes of our chapter logo on jackets, shirts, etc. Bill showed some examples at one of our gatherings, and they were beautifully done! The Gregorys had her embroider their tail art and N-number on their plane's seat cushion covers!



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.

Contact Rich Hansen at rlhansen@hansenprecision.net or 720-984-9293



FOR SALE: VAN'S RV-10 PROJECT...WITH EXTRAS!

ACT NOW!!

Are you looking to get a JUMP START on flying your own Van's RV-10? This partially completed airplane is available for sale, including A TON of custom extras!



KIT PROGRESS

- Empennage 99% complete, attached to fuselage
- Wings complete except for fuel tank baffles/final plumbing, lower skins
- Fuselage sheet metal work complete, some systems work done
- Finish READY TO SHIP FROM VAN'S RIGHT NOW!

INCLUDED EXTRAS

- Control Approach rudder pedals
- Beringer brake system, including parking/anti-skid
- Aircraft Specialty fuel/brake lines and filters
- FlyLED landing, position and strobe lights
- Andair fuel selector & Airflow Performance pump
- RED capacitive fuel probes & Fuel Guardian system
- Mountain High 0₂ system (mount, plumbing, stations)
- Garmin heated/regulated pitot/A0l plus mount
- Garmin auto-pilot servo (1) and connector kits
- Bob Archer NAV and MB antennas
- Delta Pop COM antennas (2)
- Aerosport Products NACA vent controller
- Stainless steel heater boxes w/TCW servos
- Van's oil cooler mount and FF hardware
- Wing and fuselage cradles
- LOTS of extra hardware, wire, aluminum, and more!!

\$57,500 for Members and Friends of EAA43



OPTIONAL EXTRAS - LET'S DISCUSS!

- Finishing Kit available immediately
- Lycoming IO-540 from Aerosport Power available this year
- Complete RV toolkit, incl. pneumatic squeezer

CONTACT: MIKE GILBERT, 303-808-6472 M.TRAVIS.GILBERT@GMAIL.COM

BUILDER LOG VIEWABLE AT https://eaabuilderslog.org/?blproject&proj=7it03FA3j SERIOUS INQUIRIES ONLY, PLEASE

Fisher Flying Products Horizon1 Kit For Sale

Almost ready to cover; includes the following:

- Continental A-80 Engine
- 2 Wing Tanks and 1 Header Tank (all pressure tested)
- Fiberglass Cowl
- Tachometer
- Oil temperature gauge
- Vertical Speed Indicator
- Air Speed Indicator
- Cylinder head temperature (CHT) with 4 station switch
- Matco brakes

Asking \$10,000 or best serious offer Contact Greg Hall at horizongreg@yahoo.com or 303-726-9109



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













For Sale - RV14A

This is a rare opportunity to become part of the build team on an RV14 Kit.

Tri County Aviators LLC is in the process of building an RV-14A. We are the 3rd owners of this kit. The kit arrived with quick build wings completely open, the fuselage 40% complete, and with all flying surfaces complete.

We are a team of experienced builders, this being the 6th aircraft to pass through our hands. This is also the 3rd RV-14A that we've worked on. As builders, we have meticulously gone through every rivet on the aircraft to ensure the quality of the work from predecessors. As builders, our standards required us to ensure that every bolt was torqued properly and every seam near perfection. We started this project by going to the front of the build manual and ensuring each step had been completed per the plans, including any service bulletins that have occurred since the start of this project.

Our IO-390 Thunderbolt engine with P-Mags will be arriving shortly, so we'll have most of the components in house to move the project along.

Our team expects to fly off the hours when the aircraft is complete.

Coming into the project now allows a buyer to become a member of our team and become intimate with the aircraft, having a complete understanding of the build process. You would also understand all the systems involved in the RV-14.

The panel will be an all-GARMIN suite with duel G3X touch screens. GTN650 Navigator, autopilot, with auto trim. And a backup G5 to insure safe IFR operation of this aircraft. The aircraft is being built at KEIK and available for viewing upon request.

Please feel free to contact Cliff Goldstein for further information at 720-280-2916.









From: MOONEY SPACE < lindaeljays@gmail.com>

Subject: RV 9A Kit and Caboodle for sale!

It pains me greatly to post this, but... life sometimes forces us to chart a new course. I am running out of time to finish my projects and I'm sure someone would love to jump on this one. I have assembled the core elements of a lovely flying machine and am offering it at replacement cost. The deal here is not the cost advantage, but the time advantage. I really would like to recoup my expenses if possible. The purchaser has the benefits of an advanced project with no wait line for pieces. I have the following for sale. (Prices edited 13, 24, 23)

sale. (Prices edited 12-24-22)
Quickbuild fuselage -\$23,000
Mostly complete wings, -\$12,900
Empennage assembled - \$2,400

Finishing kit - \$11,750

IO-360 Superior (Brand New, and preserved) - \$34,300.00 Catto 3 Blade Prop (Red tips, White, and Nickel plated, with carbon fiber spinner, extensions - \$5800.00

I would be happy to send more detail if someone is genuinely interested.

I have some avionics that I could sell also. I was planning for 2 G3X touch, with an autopilot, 507, a GTN 650xi, GNC 255, 245BT Audio panel, and a G5. These are available right now, if you think you will need them before I do in my RV10 project. The way my time is going it is possible. These avionics have all the install kits and I have someone who could help with harnesses if needed.

2- G3X Touch - GDU™ 460, 10.6" Display \$4,495.00 ea System LRU Kit with GSU 25C, GMU 11, GTP 59 and Configuration Module \$1,695.00

GSU25 C/D Connector Kit (1 required for each GSU 25 C/D) \$95.00 GMU 11 Installation Kit (1 required for each standard LRU kit) \$55.00 GDU 460/465 Installation Kit (1 required for each display of this type) \$77.00 DU 450/455 Installation Kit (1 required for each display of this type) \$77.00

G3X Sensor Kit, 6 Cylinder Lyc/Cont \$1,349.00

G5 Unit Only \$1420.00

G5 Installation Kit \$105.00

G5 Battery Pack \$235.00

Kit, GAD 13, GTP 59, Connection Kit \$495.00

GTN™ 650Xi 4.9" IFR GPS Navigator, VHF Navigator and Comm Radio \$12,200.00

GFC[™] 507 Digital Autopilot \$1159.00

GMC 507 Install Rack (Optional) \$40.00

GMC 507 Connector Kit \$50.00

GSA 28 Servo (1 per axis, roll only, roll + pitch, or roll + pitch + yaw damper) \$845.00

3 -GSA 28 Servo Connector Kit (1 per servo) \$55.00 ea

GSA 28 Servo Installation Kit, RV-7/8/10 Roll \$105.00

GSA 28 Servo Installation Kit, RV-10 Pitch \$105.00

GSA 28 Servo Installation Kit, RV-10 Yaw \$560.00

GNC 255A Standard (Comm, Nav, 8.33 kHz spacing, 10 watt power)

GMA™ 245 BLUETOOTH Audio Panel with Installation Kit and Pilot's Guide

GTX™ 45R Remote Mount Transponder ADS-B In/Out Transponder

GSB 15, Vertical Connector (Back of Unit), Standard

GAD 27 Interface Adapter

GAD 27 Connector Kit

GAD 29 Interface Adapter

GAD 29 Connector Kit

GAP 26 Heated/Regulated

But wait, there's more!

New Lightspeed Zulu 3 \$600

Bose ProFlight 2 headset with Bluetooth Dual Plug \$650

DC PRO-X2 Hybrid ANR Headset w/ Bluetooth \$800 David Clark Pro X Bluetooth, Bose QC3's \$300 David Clark H10-13X ENC Headset \$300

DC Pro X 1st gen \$300

David Clark DC PRO-X2 Hybrid Electronic Noise-Cancelling Aviation Headset \$400

QT Halo (in ear) Headset \$250

BOSE A20 BLUETOOTH DUAL PLUG \$700

UFly Harmony pro bundle \$200

Clarity aloft headset \$400

Bose Aviation X Headset \$300

DC One-X Excellent Condition (with Bluetooth) \$700

I'm out of time :O, please email for the rest of the prices. All of the parts have been lovingly kept in a climate-controlled shop and are in excellent condition. I would really like to sell this as a complete kit if possible. Looking forward to meeting the new owner!

Chuck Grow Flight Instruction

Basic Instruction, Check Rides, Bi-Annuals Contact Chuck at 719-640-2905



No, not that Chuck!



BRADLEY "QUILL" MAURER – LOOKING TO BUILD TIME...

I AM LOOKING FOR A PLANE TO FLY!

Do you need someone to:

Maintain your aircraft?
Fly your aircraft?
Fly with YOU in your aircraft?

Current Class 3 medical, BFR, tailwheel endorsement/currency.

Can fix anything.

Total time - 145 hours

Age – 28 years

Occupation – mechanical engineer but studying to be a high school teacher

(I am especially interested in flying tailwheel planes!)

PLEASE CONTACT ME IF interested:

303-524-4479 kbradley11@msn.com







Recommended by Roxie Juul

Garmin GPSMap 496



Includes the following: AirGizmo Mount; Yoke Mount; Power Cable; Stub Antenna; GPS antenna with cable; XM Radio antenna; Owner's Manual; Pilot Quick Reference Guide. Owned since new.



303pilot@gmail.com or call 303-604-0746 \$500

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 8, 2023

President Jim Wood opened the meeting at 6:03 PM.

Speakers and programs, Larry Earnshaw Coordinator: Tonight July 8 - Ben Barash / Matt Lane, Co-Founders of the FlyVirga smartphone app August 12 – Paul Anslow, RMMA Manager

TONIGHT'S PROGRAM – Ben Barash / Matt Lane: Enhancing GA Safety With PIREPs:

Jim is excited for this program; he's been on a mission to get more PIREPs out there! VP Larry Earnshaw introduced Matt and Ben, noting that PIREPs enhance general safety; how else can you know current conditions? Matt has stated that less than 7% of GA Pilots in 2022 submitted PIREPS. Larry pointed out that before the FAA cancelled Flight Watch, he submitted numerous PIREPs. When you received a weather update from Flight Watch they requested a PIREP. Currently to submit a PIREP a pilot has to look up the nearest FSS or use busy band width on ATC to report one. The Virga app on your phone makes it very easy to submit and retrieve a PIREP.

Matt Lane Background

- 1. AMEL, IFR Private Pilot, 2000 hours TT
- 2. Citation M2/CJ3, Eclipse, and Cirrus Owner/Driver
- 3. EVP of Hewlett-Packard's Media & Entertainment business
- 4. EVP of Technicolor, North America
- 5. CEO of several Private Equity backed consumer retail companies (Roark, General Atlantic, Quad Partners, Guideboat Capital)
- 6. Founder of Virga

Ben Barash Background

- 1. ATP, CFI, CFII, MEI, ASES, 2500 hours TT
- 2. Challenger 350, Gulfstream III, Honda Jet, and Cirrus Drive
- 3. Full-time Corporate Pilot
- 4. Part-time practicing CFI KAPA
- 5. Former Engineer at GE Aviation
- 6. Co-Founder of Virga

Larry pointed out that after the presentation there will be a 20 minute break for refreshments and conversions, please contribute to the donation jar as refreshment expenses are not covered by the Chapter. Thanks, and give it up for Matt and Ben.

Matt - general information about Virga, a free app for Android or iOS. We were invited to download the app using the slide QR code and play with the app during the talk. Ben taught Matt to fly and shortly after earning his PPL, flying VFR, he found himself over clouds. He called ATC, but there were no PIREPs available, so he called his wife who looked at current conditions and told him there was a break coming up. A PIREP submitted to Virga goes both to Virga and the ATC with a picture. Virga allows multiple reports (wind, icing, etc.) in one PIREP, and also allows observation times. Only 7% of GA flights submit a PIREP; why don't more? It's intimidating to file with the ATC over the radio, especially for low-time pilots. It's equally useful to report good conditions as well as bad, but the ATC favors only bad. Matt and Ben thought "We need WAZE for PIREPs!" Matt showed a video demonstration of Virga. It's on your phone and there's not always coverage, but the PIREP is stored until connectivity is restored, then sent. Location/altitude is from the phone GPS, but you can move the location on the map for a past event if needed.

How are PIREPs used? You can set up areas to get alerts from areas you plan to fly over. You can also share PIREPs with friends. Virga is useful for flight planning - use Windy® for conditions, especially where TAFs don't exist. Use Virga for the PIREPs, the Foreflight or Garmins, etc. for planning. GA PIREPs are becoming more prevalent, but still - 7%.

ARP/AWC/Virga comparison to report specific conditions - ARP (FAA Office of Airports) averages 1 condition, AWC (Aviation Weather Center) averages 1.2, and Virga averages 3 per PIREP.

Do pictures make a difference? Imagine a PIREP stating "Snow on runway, brake action good", or "Broken clouds". Pictures help a lot.

Virga is also being used by some ground crews to report runway conditions, especially at non-towered airports. Matt showed some Virga FAQs - Is it legal to use a phone while flying? FAR sez it's at the PIC's discretion. But the app can't be constantly pinging and refreshing, so that's manual. PIREPs can be anonymous so boss/spouse/etc. won't know where you are, or personal if you do want folks to know where you are.

Virga is completely free, funded by the founders. It's their gift to aviation. They're working with Garmin to transmit over the Iridium constellation. See Max Trescott Av News Talk Episode 216 for more information. Questions:

Scott Serani asked if there's a problem with false PIREPs - users can be flagged as false and kicked off if

malicious.

Mike Savino - Is AWC shown? Yes! How many active users? Currently only in the US, but 1000s of users here. Virga is reliant on word-of-mouth to grow. Also working on Virga Vision - lots of data, so will be adding AI to aggregate PIREPs into a map.

Stephanie Wells - flying to Canon City via Colorado Springs, the problem is getting over the Palmer Divide. Matt - need pilots to file PIREPs with sharing set to full crowdshare. Stephanie noted that there was a report today from a pilot noting severe turbulence and a 4000' drop - classic mountain wave roller.

Jeff Jones asked about estimating altitude of cloud tops and bottom. Ben demonstrated, and Matt said that the heights could be estimated.

What's the biggest serendipity you've found? Instructors for training exercise areas and ground crews. Just gotta submit reports! One flight, one PIREP, just make it a habit.

Matt thanked Jim and Larry with branded Yeti mugs.

Jim reminded us to donate for snacks before starting the break.

After the break, the meeting opened at 7:16 by Jim Wood.

WELCOME

VISITORS, NEW MEMBERS

- Grab the mic and introduce yourself (Flying/Building experience).
- How did you find out about us? Where are you from?
- Why you are here tonight (Just visiting? New to the area?)
- Get a free 6-month membership to EAA National and this chapter.
- New Member Mentor program.

Victor Pate, a radar technician for the FAA, introduced his four kids. Vincent, the oldest, wants to be a pilot. Ayden Edgar introduced himself to Vincent, said he's about to start training and let's talk.

Sarah, an Air National Guard pilot, brought her young daughter and said she wants her daughters to have more aviation exposure.

VOLUNTEERS DESPERATELY NEEDED!

One Vice President position

Responsible for programs and Presidential backup.

Permanent Audio/Visual tech

Herrill wants to step down, Ayden Edgar filling in.

Safety Corner presenter

Stephanie Wells is working on spending a year or so in Spain, needs someone to take over.

Chapter Meeting Snacks

Please donate, and talk to Roxie if there's a snack item you'd like her to bring.

CHAPTER MEETING STRUCTURE

Any interest in a longer pre-meeting social? Different days?

CHAPTER DEMOGRAPHICS

We all know there's a lot of gray hair here! It's good to see younger folks; we need your ideas. Scott Serani noted that Young Aviators will be switching to meetings on the 2nd and 4th Saturdays, with the 2nd Saturday at RMMA in the Mt. Evens room. Scott's thinking pizza and invited Chapter members to attend (with pizza) too!

COMMUNITY OUTREACH

Skipped due to time.

MEMBERSHIP – Michael Savino

Working on membership status verification for chapter members, more next month.

Membership Renewal Reminder

Thank you to those who renewed their membership

Reminder to those who haven't yet.

On renewal, an email acknowledgment will be sent out.

Broadcast emails - monthly newsletter, VMC/IMC meetings, occasional special emails

Not receiving email? - spam/junk folder - it may help to add eaa43.org as a contact Contact info - if you haven't recently supplied any updated contact info, send to eaa43.org. Pics are also suggested.

- o Mail a check to EAA Chapter 43 PO Box 1725, Broomfield, CO, 80038
- o Bring a check to the next gathering (August 12th)
- o Go to the eaa43.org website and pay with a credit card using PayPal (no PayPal account needed)
- o Please do not send or pay dues in cash.

PROJECT REPORTS - What are we building? (SEND PROJECT PICTURES TO VAL at newsletter@eaa.43.org)

Tim Stansbury RV10 Mike Gugeler '41 J4 Cub Coupe
Bill Kendall RV10 Thomas Schibli Kitfox Series 7

Young AviatorsRV14AMike GilbertRV10Mike SavinoRV14AMike LitchkoRV8ABrian GarrettSlingTsiWayne GibsonZenith 650

Cliff Hasenbalg with Ed Clint COMP AIR 7 Turbine Steve Paschke Adventurer 333 Others?

Mike Litchko, RV8A - avionics are here! Two throttles are installed and the tail is going on tomorrow!

Thom Schibli, Kitfox Series 7 - Bill Mitchell is providing hangar space, Thom will be moving the plane soon for final assembly.

Cliff Hasenbalg, COMP AIR 7 Turbine - the functional control system is complete, now to disassemble and anodize bracketry. Next up is panel and wiring.

Jeff Jones/Young Aviators, RV14A - the engine came! Installing controls, come see the progress so far at Erie.

TRIP REPORTS - Where have you been? Where are you going?

Quill Bradley is working on his instrument rating and wants to get more flight time, especially tailwheel, as a safety pilot, company, or work for flight. Ayden Edgar noted that Western Air Flight School has a Citabria Champ for rent.

SAFETY - Stephanie Wells, Safety Officer - Words of wisdom from our experts

Looking for a new Safety Officer

The 99s had a flyout to Pima County Airport this morning, with overcast approaching. The usual route is via Colorado Springs over the Palmer Divide, which tends to suck weather down. If there'd been PIREPs there would have been more folks willing to go, but they were told that the Class C area had flight constraints that combined with the low ceiling made things...difficult. Need to have alternate routes in pocket.

How do you avoid thunderstorms? Foreflight, call ATC? Ayden Edgar suggested using a weather PROG chart to see where storms might be. Jim Wood recently upgraded his Windy app (\$30 annual); Stephanie said the ForeFlight upgrade provides better information as well. Always leave yourself an out, arrive alive. Stan Specht noted that skirting thunderstorms is risky due to downdrafts, etc. Ask for help! Quill Bradley noted that ForeFlight doesn't show current conditions and storms build FAST. Larry Earnshaw suggested leaving 20kts between you and storms. Don't try to thread the needle!

REGULAR EVENTS

Young Eagles - Cliff Hasenbalg

- Next Rally: Sat August 19th PLEASE Be There!
- 1st Time YE Pilot Drawings monthly for Lightspeed headset

VMC/IMC Clubs - Andre Smith VMC Coordinator, Larry Earnshaw IMC Coordinator (organized hangar flying!)

VMC Meeting – 2nd Tuesday 6:00p. Next – July 11 and August 8

IMC Meeting - 4th Thursday 6:00p. Next - August 24

WINGS Credits for attending

Available live and on Zoom

EVENTS OF NOTE

- John Reading Celebration of Life at the Roots Copper Leaf Gardens & Events Center, 1200 Miramonte Street in Broomfield, July 16 3:30 6:30 pm. There will be a flyover by members of the Rocky Mountain Renegades.
- AirVenture Oshkosh, WI July 24 July 30. Scott Serani noted Chapter activities. The Young Aviators have a group of 11 campsites, come spend evenings! At Lindbergh and 31/32. Volunteer at AirVenture and get camping, entry, breakfast, and lunch free for 1/2 day of work each day you're there.
- August Meeting Presenter RMMA Manager Paul Anslow (photos from slides) (Postponed to October Publisher)
 He'll be talking about RMMA future plans such as closing the crosswind runway. Don't beat him up, but ask the tough questions.
- FlyteCo Tower's 1st anniversary & National Aviation Day Celebration benefitting I Hart Flying, FlyteCo Tower, 3120 Uinta St, Denver (in the historic Stapleton Control Tower), August 19, 6-10p
- Post Oshkosh Pizza Party Sep 9th

SOCIAL MEDIA - John Kellogg - Coordinator - Help needed!

Send content to John @ johnkellogflys@gmail.com

Facebook - https://www.facebook.com/EAA43/

Instagram - https://www.instagram.com/eaachapter43/

THE (TECH) FUTURE IS COMING

- On-line user updatable website Calendar
- On-line access for all to the Chapter Roster
- Picture galleries linked from website to Facebook
- Working towards a rolling membership renewal system. Requires change to by-laws.

GENERAL DISCUSSION

Next Meeting Saturday August 12th, 2023

Is there something you would like to see on the slides? Email President@eaa43.org

ANYTHING ELSE?

Stan Specht - Applebees on 120th after the meeting - if you get to Sheridan, you've gone too far. Please help put the Mt. Evans room back together.

Bill Mitchell said Young Aviators helped Bill and Jim Sutton judge planes at the JAA Fly-in this morning - the kids knew their stuff!

Ayden Edgar Scholarship update - he has 8.2 hours and 27 landings. His CFI wants him to solo soon!

Meeting closed at 8:02pm

Respectfully Submitted,

Val Gregory

EAA Chapter 43 Secretary

BY MICHAEL AND STEFAN STRASSER YES, SIR! HERR CESSNA 3BT, THAT'S NOT OBERSTURMFÜHRER! CESSNA HOW YOU ADDRESS JUST CALL ME? 3 BRAVO TANGO, TURN LEFT TO A A CONTROLLER! I HAVE A HEADING OF 220. UHM, SORRY. NUMBER FOR MEANT YOU TO COP "THANKS CHIEF" CHUCK! B099! YOU NEED TO WORK ON YOUR RADIO DISCIPLINE!

Parting Shot!

THE THE PARTY OF T

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:		Annu	al Dues or	\$25.00
Name: National EAA Membership #: EAA Membership Renewal Date:		Save! 5 years for Scholarship Donation (Optional) Total		100.00
				.00
				.00
Are you a:		Schol	arship donations are tax ded	ductible.
Technical Counselor	YesNo			
Flight Advisor	YesNo	Please make check(s) payable to: - EAA Chapter 43		
CFI	YesNo	B.O. Por 1725		
NEW MEMBERS PLEASE COMP	LETE - RETURNING	MEMBERS (OPTIONAL INFORMATION:	Supply any
information that may have changed				
E-Mail Address:		Home	Phone:	
Spouse:		Cell P	Phone:	_
Street:				
City, State, and Zip:				
HOW WOULD YOU LIKE TO Participate in Young Eagles fu Arrange, Or Be, The Program Host A Chapter Meeting At Young For a Chapter Officer Post Interested in attending hands-officer Interested in attending hands-officer Status:Built, Building, Restoring Make, Model	For One Of Our Meeting our Project?? n workshops (under const., Considering, etc.	volunteer? Groun gs?	APTER? Pilot Yes No Based At	

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.

2023 Chapter Officers

PresidentJim Wood720-314-9663Vice PresidentLarry Earnshaw720-425-7987Vice PresidentPosition Open!SecretaryVal Gregory303-908-1252TreasurerWill Heltzel303-345-5784

Board of Directors

John Reading (Chair)

John Evens* Alternate Directors
Chuck Kubin* Ricky Domenico
Mike Gilbert** Stan Specht

Pete Watkins**

(Note: *- 2 year terms expire end of 2023, **- 2 year terms expire end of 2024)

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	Mike Gilbert	303-808-6472
IT Coordinator Backup	Lance Scott	650-889-8129
Data Base Editor	Tim Stansbury	719-494-7398
Web Master	Steve Paschke	720-236-7869
Social Media Coordinator	John Kellogg	720-300-0202
Safety Officer	Stephanie Wells	303-503-0147
Refreshments	John & Roxie Juul	720-626-7707
Audio/Visual	Herrill Davenport	303-460-7789
Scholarship Chairs	Mike & Jenny Sutton	720-515-5269
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

Disclaimer

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Mile High Flyer

EAA Chapter 43

P.O. Box 1725

Broomfield, CO 80038-1725

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.