



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



Volume 51 Issue 4

On the web @ www.eaa43.org

April, 2024

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

High Fliers,

Hallelujah, we've been blessed with wonderful flying weather recently! I hope that you have had the opportunity to go out and write glory in the sky!

First and foremost this month, I am extremely proud to announce that our Mile High Chapter 43 has achieved GOLD status from EAA HQ in Oshkosh – the highest award given to Chapters!! Our Chapter was evaluated on eleven Chapter performance criteria. In order to achieve Gold status, we needed to successfully demonstrate nine performance items. We scored a 10 out of 11. The only item we did not achieve was having a Chapter Hangar/Home. Let's face it, with the availability of hangars in the Broomfield/Erie area, we'd have better luck finding a Chapter Unicorn! But, we're not giving-up yet...a Chapter Home doesn't have to be a hangar. I'd like to extend my congratulations to all Chapter 43 members and, especially the dozens of you that volunteer for our many initiatives, for this great achievement. As far as I know, we are one of only two Gold Chapters in the state of Colorado.

With the onset of more flyable weather, our aviation calendars are starting to fill. We at Chapter 43 are full-speed-ahead with our plans to host our first annual Food Truck Fly-In on June 15, 2024 from 11 a.m. - 2 p.m. at the Rocky Mountain Metro Airport west ramp, near the Signature self-serve pumps. Chapter 43 member Chris Kilker has been hard at work coordinating the logistics. Chris is also looking at a few additional Fly-Out activities for this coming season. He sure could use some help so please consider volunteering.

For those of you that were unable to attend last month's Chapter Gathering, you missed out on a spectacular presentation by Clinton Crookshanks of the NTSB. He discussed fascinating discoveries that came from the tragic P-51D Mustang Galloping Ghost crash at Reno back in 2011. It really was an amazing presentation.

I'll bet a shiny new dime that we'll have an equally extraordinary presentation this month as Kevin Kellogg, Alaska Bush Pilot and Tailwheel CFI is going to discuss his aviation experiences.

Our March Chapter Gathering featured our first potluck dinner format. By all accounts, it was a resounding success. The Chili Cook-off was great fun. The challenge we had is that every chili recipe was loved by every scorecard. Like a five-year-old soccer team, everyone is a winner!

The theme for April's Chapter Gathering Potluck is going to be "Home Cookin'" – so please bring a main dish, side dish, salad, or dessert that is a childhood favorite of yours. You'll find the sign-up link in our Newsletter on page 2.

I have saved the best story for last... Our Chapter 43 Scholarship initiative received an eye-poppingly generous donation from the fine Young Aviator folks after selling their RV-14a project. I am amazed at the incredible grace and generosity displayed by Scott Serani, Jeff Jones, Andy McRae and the many other Young Aviator volunteers. They consistently give their time, money, expertise, and patience to our Chapter youth. Their huge financial gift will help change the lives of many young men and women for years to come. Thank you - it's simply amazing.

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

Blue skies everyone,

Jim

Next Gathering - Saturday, April 13, 2024, 6 PM
@ the Mount Evans Room in the Terminal Building at RMMA (BJC)

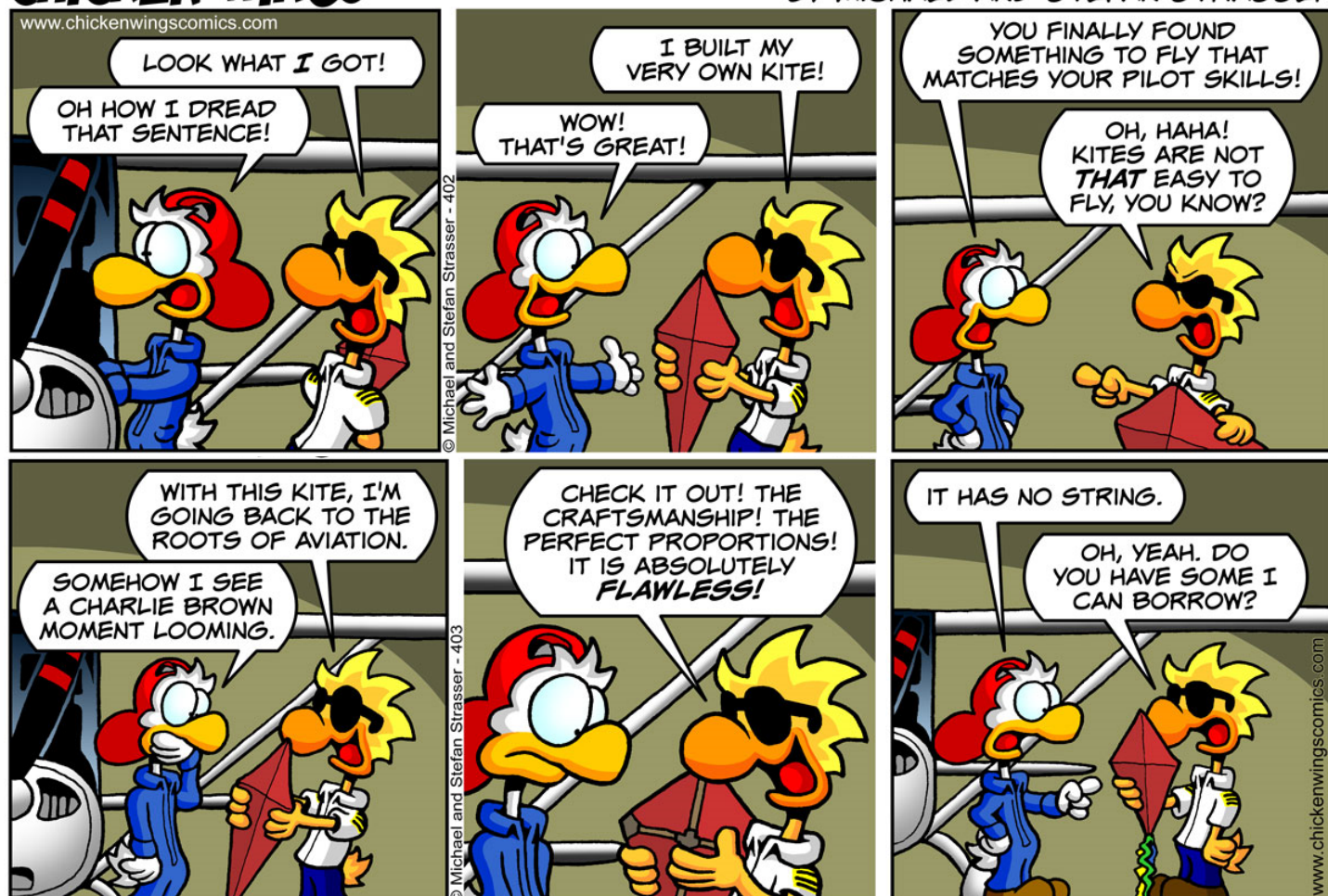
Home Cookin' Potluck, sign up at

<https://www.signupgenius.com/go/30EoA4BA5AD2CABFA7-48634941-home!>

Program by Kevin Kellogg, Alaska bush pilot and tailwheel CFI, who will tell about his adventures up north and from the right seat.

CHICKEN WINGS®

BY MICHAEL AND STEFAN STRASSER



In this issue:

- Title pic - The 2017 Great American Eclipse was tracked by 2 NASA WB-57 aircraft, and they'll be in the air again on April 8! For more info, go to <https://science.nasa.gov/solar-system/skywatching/scientists-pursue-the-total-solar-eclipse-with-nasa-jet-planes/>
- As I typed this with the wind howling outside, I ran across some EARLY Chicken Wings strips that seemed appropriate!
- Jim's already talked about the wonderful program last month; it really was a live episode of Smithsonian's *Air Disasters*! Find it starting on page 13!
- 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.

Upcoming Events Calendar

2024 CHAPTER EVENTS

APRIL

- Tue 9 Chapter 43 VMC Club, 6PM, live and virtual, contact andresmith76@outlook.com
 Sat 13 Bob Wilson's Memorial Service, Lunch and Remembrance of Life to follow, see page 4 for more information.
 Sat 13 Chapter Meeting at the Mt. Evans room at BJC, 6 PM, see page 2 for more info
 Sat 20 EAA Chapter 43 Young Eagles Rally EIK, 7:45 AM
 Tue 23 Chapter 43 Builder's Club, 6PM, live only, contact andy@andymcrae.com
 Thu 25 Chapter 43 IMC Club, 6:30PM, live and virtual, contact llearnsh@gmail.com.

MAY

- Sat 11 Chapter Meeting at the Mt. Evans room at BJC, 6 PM
 Tue 14 Chapter 43 VMC Club, 6PM, live and virtual, contact andresmith76@outlook.com
 Sat 18 EAA Chapter 43 Young Eagles Rally EIK, 7:45 AM
 Thu 23 Chapter 43 IMC Club, 6:30PM, live and virtual, contact llearnsh@gmail.com
 Tue 28 Chapter 43 Builder's Club, 6PM, live only, contact andy@andymcrae.com

2024 AREA EVENTS

APRIL

- Sat 13 Agricultural Aircraft Showcase, Exploration of Flight*, 10 AM-2 PM
<https://wingsmuseum.org/events/agricultural-aircraft-showcase/>
 Wed 17 Chapter 1627 Meeting, 6 PM, see <https://chapters.eaa.org/eaal627/about-us>
 Fri 19 Chapter 301 Meeting, 7 PM (6:30 social) <https://www.eaa301.org/newsletters>
 Sat 20 Chapter 301 Young Eagles Rally, Exploration of Flight*, 7-11:30 AM
https://www.coloradopilots.org/content.aspx?page_id=4002&club_id=612720&item_id=2170446
 Fri 26 Colorado 99s for World Pilots Day, FlyteCo Tower, 5:30-9 PM. Ticket purchase req'd, see p 7 & link: https://coloradopilots.org/content.aspx?page_id=4002&club_id=612720&item_id=2262364
 Sat 27 Warbird Invasion, Exploration of Flight*, 10 AM-12 PM (Includes Bianca and the Flyboys!)
<https://wingsmuseum.org/events/warbird-invasion/>
 Sat 27 Speaker Series | Oppenheimer's Legacy, Air & Space Museum, 11 AM-12 PM
<https://wingsmuseum.org/events/speaker-series-oppenheimers-legacy/>

MAY

- Sat 4 Breakfast Fly-In, Exploration of Flight, 9:30 AM-12:30 PM. FREE registration is req'd, see link: <https://wingsmuseum.org/events/breakfast-fly-in-may/>
 Sat 4 KBFF - Scottsbluff Airport Fly-in, 1-5 PM. See link below and flyer on page 8.
https://coloradopilots.org/content.aspx?page_id=4002&club_id=612720&item_id=2262365
 Sat 11 Chapter 648 Meeting, 9:45 AM, see <https://chapters.eaa.org/eaal648> for location
 Sat 16 Chapter 301 Young Eagles Rally, Exploration of Flight, 7 AM
https://coloradopilots.org/content.aspx?page_id=4002&club_id=612720&item_id=2176197
 Wed 20 Chapter 1627 Meeting, 6 PM, see <https://chapters.eaa.org/eaal627/about-us>
 Fri 22 Chapter 301 Meeting, 7 PM (6:30 social) <https://www.eaa301.org/newsletters>
 Sat 25 Backcountry Flying Showcase, Exploration of Flight*, 10 AM-2 PM
<https://wingsmuseum.org/events/backcountry-showcase/>

Looking ahead, WOtR and Exploration of Flight have a ton of summer camps starting May 28 - if you have kids or grandkids with an interest in space or aviation, check out <https://wingsmuseum.org/events/list/page/2/> and "Next Events" at the bottom of the page.

*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!



Last month's Rally was held on the rain date March 23rd. We flew 29 kids. 23 were first timers. A big thanks to the 7 pilots who flew the kids. April's rally was full within 2 hours from opening and we have 9 pilots. I had the new seat booster seats embroidered with Young Eagles 43. Come out and enjoy the morning with us!
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/eachapter43) where you can type in the handle @eachapter43! 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 @eachapter43.

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@ea43.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@ea43.org to all members. To help prevent those emails from ending up in your spam folder, please add ea43membership@ea43.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.

Scholarship

Six scholarships have been awarded and we will announce the names at the picnic in June.

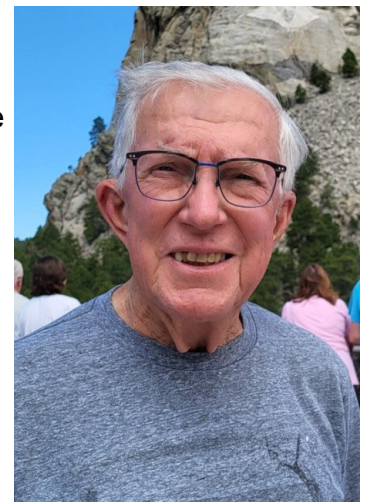
Chapter 43 Scholarship Committee

mikesutton@gmail.com

suttonjennym@gmail.com

FLOWN WEST

Long-time Chapter 43 member Bob Wilson passed away on September 25. He served as Treasurer for many years, was awarded a Chapter 43 Lifetime Membership in 2011, had a long career as a commercial pilot, as well as building and flying an award-winning Long-EZ. Bob's memorial service will be on Saturday, April 13 at 10:30 AM at Messiah Lutheran Church, 1355 Francis St, Longmont, CO. Lunch and a time of remembrance will follow at Vance Brand Airport, 229 Airport Rd, Longmont CO. Memorial gifts can be sent to Children's Hospital Colorado Foundation, 13123 E 16th Ave, Box 045, Aurora CO 80045. See <https://www.dignitymemorial.com/obituaries/longmont-co/robert-wilson-11476227> for more info.



No Name Column by Cliff Goldstein

N914YA went over the hill to Reno last month on its journey to Reno, Nevada. The Owners were pleased and excited to get her. The work done by the members of Young Aviators was much appreciated. The end result was an aircraft that flew straight and was as happy upside down as right side up. For my final flight, I took her to 16,500, flew around Longs Peak south down the Divide finally through the Eldorado Canyon, in front of the Flat Irons. It was a great sightseeing trip along with a good deal of fun flying. The Dual P Mags proved to be real performers with excellent performance and easy starting even when hot. What a great little ship.

I launched back into soaring this last month. We're required to perform a spring check out after being dormant for several months. A good practice for all of us. My instructor and friend Jeff took the DG505 into some of the air we never fly our single engine planes into. We intentionally flew into the wave. This phenomenon often shows its face in Colorado, especially in the spring. Took a tow to about 9000 ft and found lift from either Thermal or Convergence. Climbed up to 12,500 and entered a wave that took us to 17,800 before we had to turn out or bust Class A airspace. The ride was smooth and unmatched by anything I'd ever flown in, and by others, this was a "mild" wave day. What a kick in the pants.

Our 14, Lil, got some much-needed maintenance with a new set of spark plug wires, a new ADSB Receiver, seat stitching repair, and you all know those little nasty hoses that connect the return lines from the head in the Lycoming engine back into the case. I'm trying something very new with hot oil return lines for transmissions - spring clamps instead of worm clamps, and a dab of fuel lube on the tubes coming out of the engine. I'm so tired of those hoses needing constant attention. I read a post on Vans regarding this use, and when you look at the automotive industry, the spring clamp is all they use on hoses due to thermal expansion and contraction. My fingers are crossed on this one. As for the spark plug wires, my radios, after 6 years of some kind of noise have finally gone quiet. I don't think it was the wires but better care in assembling and routing, but for whatever reason, radios sound great!!

We had a couple of Chapter members go West in the last two months. It's a constant reminder to me to make the most of every single moment. Next month, jumping back in the front seat of an F33A Bonanza!

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.

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(KBFF)

FLY-IN

Saturday May 4 2024
1p - 5p

Scottsbluff Airport (KBFF) Scottsbluff, NE

***ALTERNATE WEATHER DATE: SATURDAY MAY 11 2024**



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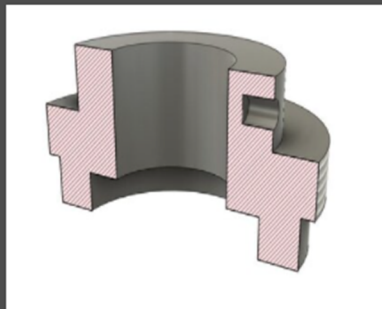
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John was recommended to do some work on Herrill Davenport's 182 fairing, and wants to do more airplane work.

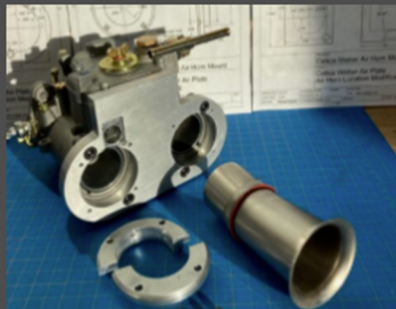


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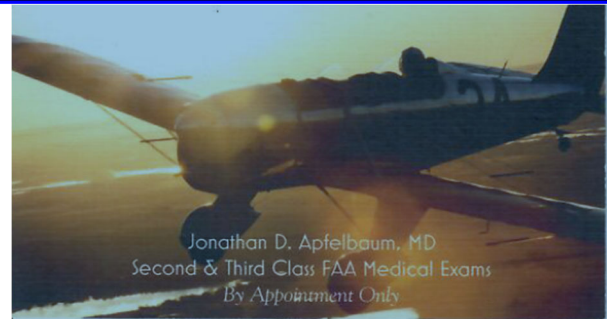
Located at 11905 Corporate Way, 303-469-5633, <https://freedomavionics.com/>

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No, not that Chuck!



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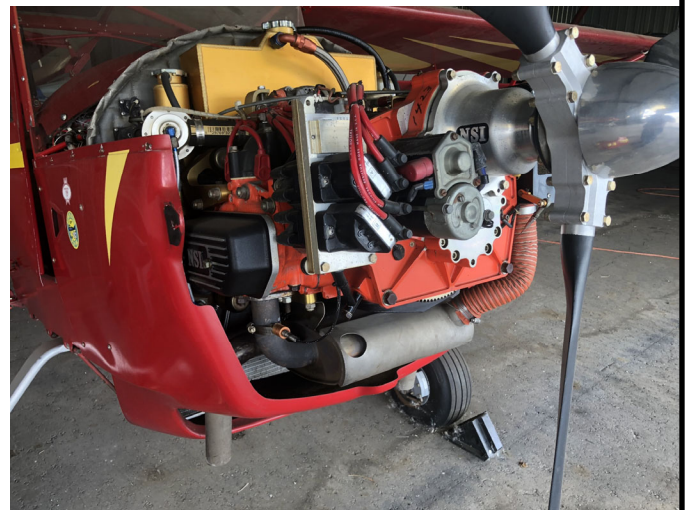


Additional aircraft specifications at <https://fisherflying.com/wp-content/uploads/2020/05/Horizon-1-Info.pdf>



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
March 9, 2024

President Jim Wood opened tonight's gathering at 6:05 PM.

WELCOME - President Jim Wood

VISITORS, NEW MEMBERS

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

Don Albardo flies a Bonanza and is building a Glastar Sportman.

Dad and son whose names the Secretary didn't catch.

Eric, who works at Ball Corp.

Xavier Colt has an interest in aviation, wants to go to work at Lockheed Martin or United Launch Alliance. He also wants to be an aerobatic pilot!

CHILI COOKOFF!

- Welcome Our Guests!
- Tickle Your Taste Buds
- Submit Your Scorecard
- Anticipate Fabulous Prizes

SPEAKERS AND PROGRAMS - VPs Ayden Edgar and Andy McRae Coordinators:

March 9th - Clint Crookshaft - Lead NTSB Investigator on the 2011 Reno Air Race P-51 crash

April 10th - Bill Mitchell's Test Flight Stories

TONIGHT'S PROGRAM – Clint Crookshanks (began at 6:45)

Clint Crookshanks is an Aerospace Structures Engineer and a lead investigator for the National Transportation Safety Board. He was the Lead Investigator for the tragic P-51D Mustang "Galloping Ghost" accident at the 2011 Reno Air Races. Mr. Crookshanks will discuss lessons learned gleaned from that incident that are applicable to all pilots, especially those that fly experimental aircraft.

Clint grew up in Carson City Nevada, saw the air races and was hooked! He earned his Bachelor of Science in Mechanical Engineering, couldn't get a job, went back to school for a Masters of Science in Aerospace Engineering and went to work for Boeing. Then was laid off and got a job with the NTSB working incident investigations all over the world. He was working a booth at the 2011 Reno Air Races where the Galloping Ghost pilot was talking smack, so they were watching him closely as his plane went into the crowd - the pilot and 10 spectators were killed with 60 more injured.

The NTSB leads investigations, but the team for this incident included the FAA, the Reno/Tahoe Airport Authority, the Reno Air Racing Association, the National Air Racing Group, an avionics/telemetry company, a specialist in Mach buffet, etc. This was the Reno Air Races, so lots of videos and thousands of photos, including a 1.3-1.5 second series by Dr. Jon Apfelbaum (see his ad on page 10). The first photo is at T-0.25 seconds, at T+0.14 seconds the plane rolled to the left, at T+0.29 seconds there was bank increase but the pilot was moving the left aileron. At T+0.56 the bank was 90° and the tail left trim tab moved 21° trailing edge up - it had disconnected from its actuator. At T+0.70 the roll rate is slowing, the left tab angle is less (the right tab was fixed) and acceleration is 8G. At T+1.30 right stick is effective but buckling of the fuselage around the wheel wells is visible. Maximum G force of 17G (so 4G to 17G in a couple of seconds, which disabled the pilot). At T+1.44 the trim tabs are oscillating independently. From a different photographer T+3.40, the pilot is visibly slumped. The next photo shows the left trim tab separating. The wreck site was missing that trim tab; airport personnel found it further back along the flight track. Clint showed a slide of airplane motion with bank, pitch, etc. and a vertical load factor chart showing Gs. The plane telemetry shows load factor oscillation that worsened with speed. The telemetry had an 8G cutoff. Manifold pressure and RPM were also oscillating every 5-10 seconds. Mach buffet was thought to be involved, but the plane's speed was below 0.69 Mach throughout the race. A company in California that builds new P-51s helped with the Mach buffet issue. The pilot was 74 years old, but very healthy so that wasn't thought to be a factor. Airworthiness was in compliance, though there was a discrepancy of 6.9 hours in the airframe hours. Originally the pilot had the plane in Ocala FL, but following the racing rebuild the plane was kept in Menden NV.

Structural Mods - Shortened wings and ailerons, 1 ft shorter than the usual mods. Shortened horizontal stabilizer and elevators. A racing canopy was installed and the air scoop was removed (cooling provided by water/methane). Solid engine mounts directed loads and vibration directly into the airframe. All to reduce drag and go faster.

Horizontal stabilizer forward fitting - same as a stock P-51D except a shim was added to increase instability. The vertical

stabilizer shim was on the wrong side, reversing direction. There were all kinds of flight control modifications - reduced elevator inertia and weight (8.7# vs. 20.7), increased elevator counterweight (25# vs. 16). Lots more modifications, all of which increased pitch instability and flutter. No paperwork or engineering for the modifications. The crew was told no trim during the race!

Clint showed a picture of the left elevator, operated by an electrical servo (another mod). The left inboard attachment screw showed fatigue failure in progress. The left trim tab support was beefed up. The right elevator was damaged in the crash, not in flight. The fixed right trim tab link was bent under G loading. Trim tab actuators are identical, just installed opposite on each side, except the right side was removed and the left was creeping the leading edge up. Trim tab hinges showed signs of loosening; the crew noted frequent adjustments were required. Locknuts on the hinges were installed in 1985 and subsequent adjustments wore the locking features to nonexistence.

Flight Test History - the owner notified the FAA of the water/methane boil-off cooling system but no notification of the other mods - the FAA recommended 3 flight hours with 3 takeoffs and landings. No evidence that flight testing was completed.

Indicators - the plane had the fastest flight by ~35kts. Photos show structural deformation in the fuselage, not visible except at speed and also not visible at all on the other P-51D racers.

Definition of flutter - dependent on the structure, etc.

Clint showed video of a 1966 NASA tail flutter test on a Twin Comanche (PA-30)

Conclusions - incident cause was trim tab flutter.

Initiators - Pilot Input (no evidence). Mach buffet - not that fast. Atmospheric turbulence - calm day for Reno. Trim runaway. Wake encounter - VooDoo telemetry glitched so no evidence. Link assy failure. This was the Probable Cause Statement.

Clint asked how many RV owners were present? How many have flown above V_e ? (0!) Recent RV accidents are untrained aerobatic related. The Galloping Ghost pilot had done all the go-fast mods he'd seen in 30 years of observing and racing.

Lessons learned - proper maintenance (locknuts!) Documentation/Engineering/Test of all mods. Did other racers cooperate with these recommendations? YES!

A round door with red and white paint was found during the search for parts/evidence for this incident. It belonged to another plane; the part was returned and the crew told to make sure it stayed on. The fastest the Galloping Ghost had flown before was around 300kts.

If you want to do something outside the envelope, get training! 10-15% of RV issues have been above V_e - a report is coming out in a couple of weeks at NTSB.gov, #WPR22FA100 (?) (the Secretary was unable to find a report with that designation, possibly should be AIR-22-100?) Email witness@NTSB.gov to report irregularities in aircraft modifications, maintenance, etc.

After the program, the meeting opened at 7:54 by President Jim Wood, who introduced Dixon Herboldsheimer as our new Treasurer.

MEMBERSHIP – Michael Savino

- Unsure of your status?
- Need to add a picture?
- Would you like online access to our roster? Just ask.
- Check your status during the break or after the meeting (with Jim Wood in Mike's absence)

Current

Current Members:	68
Expired Members:	133
New Members:	13

January

Current Members:	67
Expired Members:	136
New Members:	16

MARCH 2024 CHAPTER VIDEO MAGAZINE

<http://eaa.brightcovegallery.com/chapters/detail/videos/prior-years/video/6347049789112/march-2024-chapter-video-magazine?autoStart=true>

January 2024 was the 70 year anniversary of the first EAA Chapter, #1 in California! Audio issues precluded showing the magazine at the meeting, so check the link above!

CURRENT EVENTS

- Colorado House of Representatives Aviation Bill - See https://leg.colorado.gov/sites/default/files/documents/2024A/bills/2024a_1235_h_thl_01.pdf for the amended HB24-1235. Takeaways are: the \$0.50 per avgas gallon tax is gone, Colorado Aviation Board limitations on touch and goes, etc., have been removed. Credit to the Colorado Pilots Association and Colorado Aviation Business Association lobbyists and lawyers.
- Metro Airport Airport Director - The recruitment brochure has gone out! Planning for Key Stakeholders and public meetings in July, which may be optimistic.
- Metro Airport Advisory Board - No report this month.
- Metro Airport Community Noise Roundtable - May be disbanded. It mainly served as a gripe session for NIMBYs, and with 3 counties/cities involved, consensus on any issue was nonexistent.
- Chapter 43 "Night Out" @ FlyteCo Tower, Friday March 15, 2024 @ 4:00 p.m. Jim will reserve axe throw, bowling lane, etc.

NEW CHAPTER INITIATIVES

Chapter 43 Oshkosh Planning – LAST CALL!!! VOLUNTEERS NEEDED!!!

The Committee will work toward coordinating Oshkosh activities for Chapter 43 including such things as KidVenture, Dinner at Wendt's, pancake breakfast fund raiser, fruity blender drink Happy Hours, Adirondack Chair build, Signpost sign build, etc.

- Val Gregory coordinating Adirondack Chair and Signpost Build
- KidVenture
- Dinner at Wendt's
- Pancake breakfast fund raiser
- Fruity blender drink happy hours
- Campground - Scott Serani

Chapter 43 Fly-In/Fly-Outs - Chris Kilker

- April 18th — Oshkosh, NEBRASKA - Need to clear with the airport, and April may be cold. (Update - rescheduled to later in the year - Editor.)
- June 15th — Jeffco Food Truck Fly-In - 11AM-2PM (after Young Eagles). Two food trucks and Blue Sky Bistro. Chris asked for a show of hands for attendees and got a good response.
- Return of "Café 43"!! - No report this month.

REGULAR EVENTS

Young Eagles – Coordinator Cliff Hasenbalg - Next Rally: March 16, 2024, KEIK Airport, 7:30 – 11:30 a.m. 10 pilots are signed up! Makes Cliff happy, and will always take more! Thank you, volunteers! Kid's sign up started at 5AM and was filled (35 +4 standby) in 90 minutes!

- PILOTS NEEDED!!!
- 2024 Improvements:
 - Child Booster Seats
 - Ground School – Jim Wood (primary)
 - Increase Pilot Volunteers

VMC Club - Andre Smith Coordinator

Next Meeting: March 12, 2024, 2400 Industrial Lane, Broomfield, CO, 6:00 – 8:30 p.m

2024 Improvements:

- PilotWorkshops.com VFR Mastery scenarios added (IFR Mastery also available)
- Wings credit!

IMC Club - Larry Earnshaw Coordinator

Next Meeting: March 28, 2024, 170 Cessna Drive, Erie, CO, 6:30 – 7:30 p.m.

- Wings credit!

Builder's Club - Andy McRae Coordinator

Next Meeting: March 26, 2024, 2400 Industrial Lane, Broomfield, CO, 6:00 – 8:00 p.m.

- Wings credit!

SCHOLARSHIP UPDATE

Affected by glitches with the Treasurer position, Dixon is catching up.

SOCIAL MEDIA - John Kellogg, Coordinator

Send content to: John - johnkellogflies@gmail.com

Jim - president@EAA43.org

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

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

2-3 updates per week resulting in ~8 new members in the past 2-3 months. Looking for content (besides airport/legislative drama!)

SAFETY CORNER – Sarah Winkler

Sarah is out tonight for a family celebration.

CHAPTER SURVEY RESULTS

- How likely is it that you would recommend your EAA Chapter to a friend or colleague? Net promoter score 80.7 out of 100.
Frequent Comments:
 - Enjoy the Speakers & Presentations
 - About the right length
 - More about building
 - Active gatherings
 - Saturday night is inconvenient
- Are you satisfied with your chapter's regular gatherings/meetings? Weighted average 4.29 out of 5. Frequent Improvement Ideas:
 - Need to recruit new, younger members
 - Need Chapter hangar / home
 - More flying activities
 - More direct social time
 - Rotate Gathering days of the week
 - Breakdown strong “clique” mentality (Need New Member Mentors - we’ve had earlier efforts - Secretary)
 - Scholarships to older people too
- Top Five Most Important to Participate:
 - Connecting with other aviation enthusiasts
 - Presentations on flying skills/safety
 - Young Eagles
 - VMC Club
 - Presentations on aircraft building/restoring/maintenance
- Bottom Five Most Important to Participate
 - RC Modeling/Control Line
 - Hosting EAA’s tour aircraft (B-25, Ford Tri-Motor, B-17)
 - Tool Crib (i.e. Specialty tools to loan to members)
 - Presentations on learning to fly
 - Flying Start - Learn to fly presentations and Eagle Flights for adults

GENERAL DISCUSSION

- Next Meeting Saturday April 13th, 2024
- Jim Wood, (720) 314-9663, president@EAA43.org, drjamesmwood@gmail.com
- Scott Serani - blast to Young Aviators - after March Young Eagles, tour of the new RV! Open to all!
- Note that younger members are more active on Instagram. Jim Wood is Social Media Co-Coordinator with John Kellogg.

Meeting closed at 8:31 pm

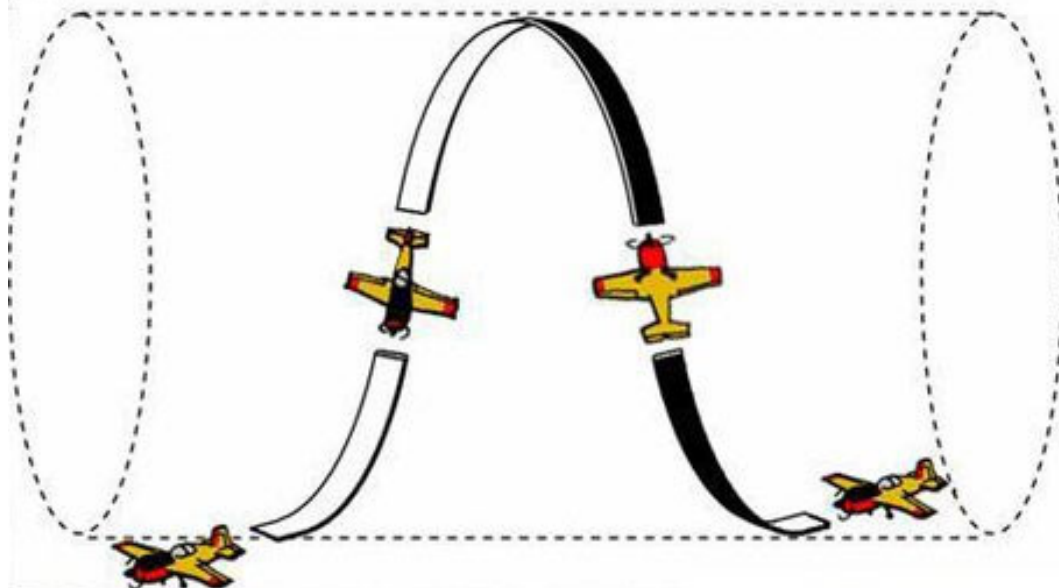
Respectfully Submitted,
Val Gregory
EAA Chapter 43 Secretary

Parting Shot!

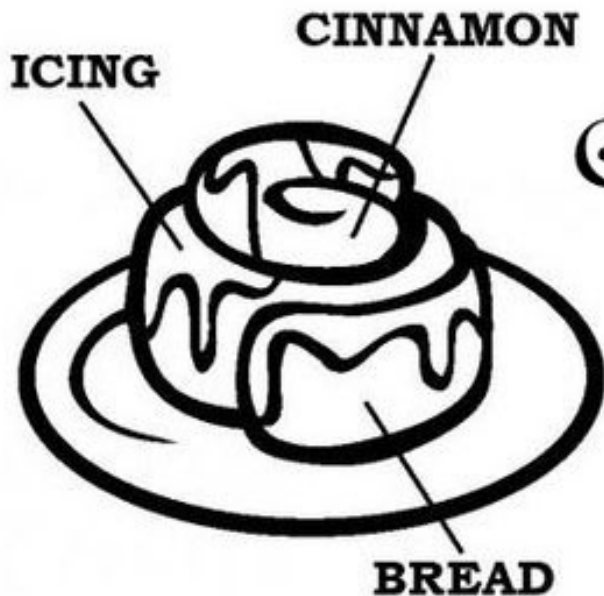
LEARN THE DIFFERENCE



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ROLL



CINNAMON
ROLL!

IT COULD SAVE YOUR LIFE



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)	____.00
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	Victor Pate	VictorLeePateIV@gmail.com
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 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

Disclaimer

Be aware that as always, in past, present, and future, any communications issued by Experimental Aircraft Association Chapter 43, regardless of format, and/or media used, which includes, but is not limited to, this newsletter and audio/visual recordings, is presented only in the context of a clearing house of ideas, opinion, and personal experience accounts. Anyone using ideas, opinions, information, etc., does so at their own risk. Therefore, no liability is expressed or implied by the Experimental Aircraft Association, Chapter 43, or any of its members. Any event announced and/or listed herein, except as noted, is done as a matter of information and does not constitute approval, sponsorship, control, or endorsement of said event.

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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 2 for details of the upcoming gathering.