



WHITE MOUNTAIN CHAPTER 586

(LOCATED AT THE SHOW LOW AIRPORT)

JULY 2024 - NEWSLETTER

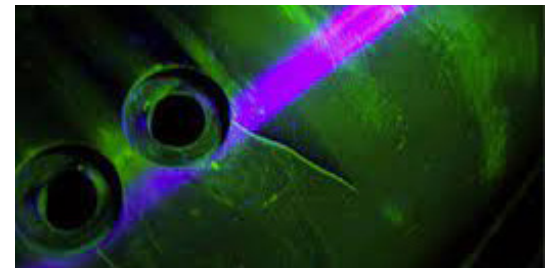


HAPPY
Fourth of July

*** INDEPENDENCE DAY ***

Field Trip during this Month's Gathering

Our monthly gathering will start as usual this month with a social hour from 9-10am and then the gathering at 10am. We will have a short presentation followed by a field trip to Aero Products (just south of the airport) where we will be treated to a NDT (non-destructive test) demonstration. NDT testing is typically used to test parts for cracks and other deficiencies that are not easily seen. We'd like to thank the fine folks at Aero Products for hosting our group and Chapter VP Dwight Stock for putting this together!



Aero Products is a Certified FAA Repair Station right here in Show Low, AZ and it will be a real treat to see their facility first hand. Let's also be mindful of their generosity, respectful of this opportunity and keep in strict compliance with their guidelines for our visit!

Our Very Own Immersive Training Device is on the Way!

Do you remember seeing the image below and or perhaps you were able to try the simulator out yourself when AJ & Kyle from True Course Simulations demoed the ITD-Lite unit at our gathering in February of this year? The ITD (Immersive Training Device) is a virtual reality simulator aimed at reducing costs associated with training for a private pilot license. At the beginning of the year, the board considered purchases the chapter might make with money received from fundraisers, donors and sponsors. One of those items was a real flight simulator that would be a benefit to chapter members seeking to get a PPL. During last month's board meeting, it was approved to purchase a ITD-Lite simulator from True Course Simulations (TCS). The purchase price for the unit was \$12,000.00 plus tax bringing the total cost to \$13,011.60.

An email was sent to TCS notifying them of the approval by the board and asking them what needs to be done to move forward. In response, TCS offered us the opportunity to upgrade from the ITD-Lite to a ITD-Full unit if we were able to come up with an additional \$1,000.00. This proposal was only possible through the generosity of the seller, Leighnor Aircraft, LLC and TCS. Leighnor reduced their asking price of \$20,000.00 to \$16,000.00 for the unit, True Course Simulations donated \$2,000.00 to our chapter to help offset costs and Chapter 586 came up with the balance. In the end, we are now getting a unit valued at \$42,000.00 for \$16,000.00. TCS has gone even further in that they are bringing the unit into their shop and refurbishing anything that requires refurbishing and making sure everything is up to date and working perfectly before delivering it to the chapter hangar and training us on how to use it.



The major difference between the ITD-Lite and the ITD-Full is that the Lite is a desktop version like the one that was demoed during our February Gathering. The Full version includes motion to complete the realistic feel of flying a real airplane. With the Full version, you will feel a sense of lift when pulling back on the yoke or even experience the feel of losing power if the engine were to fail. Both units offer a subscription based virtual instructor and a structured training syllabus to get the most out of what the sim can do to create a true immersive training experience.



True Course Simulations - ITD-Lite



True Course Simulations - ITD-Full

Thank you to True Course Simulations and Leighnor Aircraft, LLC for Partnering with EAA Chapter 586 on this!

Thank You Chapter 586 Sponsors!

Thank You!



**Haines Plumbing
Heating & Cooling**

For Supporting EAA White Mtn Chapter 586

Thank You!



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**ROCKY
MOUNTAIN
PLUMBING**

For Supporting EAA White Mtn Chapter 586

Thank You!



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For Supporting EAA White Mtn Chapter 586

We'd like to fill this entire page and recognize numerous businesses and individuals for supporting EAA Chapter 586 in 2024! If you would like to become a sponsor or know someone that would, please go on-line to eaa586.org/donate to sponsor today!

EAA Chapter 586 Tool Crib

Here is the complete list of tools available to check-out for our chapter members in good standing:

Common Tools for Annual

Compression Tester	Oil Filter Wrench
Magneto Timing Buzz Box	Oil Filter Cutter
Timing Cone and Piston Stop for Continental	Torque Wrench (3/8" & 1/2" drive)
Spark Plug Gap Adjuster	Safety Wire Tie Pliers
Spark Plug Cleaning Picks	Wheel Balancer & Bead Breaker
Bore-Scope	Cleveland Brake Pad Riveter

Basic Hand Tools

Combination Wrench Set (5/16" - 1")	Standard Adjustable Pliers
1/4" Drive Sockets (shallow and deep)	Wire Stripping Pliers
3/8" Drive Sockets (shallow and deep)	Wire Connector Crimping Pliers
1/2" Drive Spark Plug Socket	Soldering Iron
1/4" - 3/8" - 1/2" Ratchets	Screwdrivers (Phillips and flat blade)
Channel Lock Pliers	Cordless Drill Motor with Various Tips
Side Cutting Pliers	Assorted Sheet Metal Shears

Specialty Tools

Aircraft Jacks & Tail Stand	Standard Cherry Pop Riveter
Aircraft Scales	Tube Flaring Tool
Air Compressor	Small Slip Roll / Shear / Brake for Light Alum
Pneumatic Rivet Gun w/Rivet Sets & Bucking Bars	Instrument Hole Punch 3-1/8"
Hand Operated Rivet Squeezer - 2", 4", 6" Throats	Hand Operated Hole Punch 1/8" - 1/2"
Pneumatic Pop Rivet Gun	Dynamic Prop Balancer

If you have a need to use any of the tool crib tools listed above, contact Tool Crib Manager, Patrick Krugh at (818) 257-4943 and he will get you taken care of!

Get Information and Alerts About Chapter Events!

text
EAAChapter586
to
(844) 427-5026

You will receive a welcome message after sending which is confirmation you have been added to the list.
Once added to the list you will receive individual text messages about chapter events (not a mass group text)

That's Quite A Collection!



Left to Right - Dominic Pieper, George Leon, Brent Meyer & Steve Sweet

New member George Leon donated a collection of vintage radio aircraft kits to the chapter. Some of our members were pretty excited as they looked over the kits seeing how well preserved and complete they were, given their age. One kit in particular still had a price tag on it of \$1.50. You can't hardly buy anything for a buck fifty these days! There is real value in some of these kits and now, the challenge is getting them built. Young Eagle Build & Fly Coordinator, Steve Sweet has a couple of ideas in mind of how to best use them for the chapter and we'll look forward to hearing all about it soon!

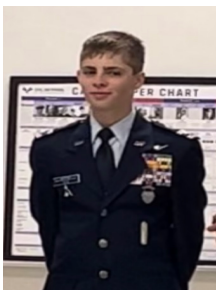
Thanks George for the awesome donation and joining the EAA Chapter 586 family!

CAP Hangar Tour & Spaatz Award on July 20th

Civil Air Patrol, Squadron 210, Commander Jeff Hess is seeking members that are willing to open their hangar on July 20th and share about their aviation experiences with the cadets. This is your opportunity to invest a few minutes of your time and help inspire the young men and women in the Civil Air Patrol. If you are willing to help make this a great event for fellow chapter member and CAP Commander, Jeff Hess, please give him a call at (928) 940-0958 for more details.

Also happening on that same day... CAP Cadet & chapter member TJ Hess will be presented with the General Carl A. Spaatz Award, which is the highest honor a cadet can receive. This is no small feat considering on average only two cadets in every one thousand earn the Spaatz award. In the 60 year history of the Civil Air Patrol, less than 2,500 cadets have earned this award.

The Spaatz Award is presented to cadets who have demonstrated excellence in leadership, character, fitness, and aerospace education. Cadets qualify for this prestigious award after devoting an average of four years to progress through sixteen achievements in the CAP Cadet Program. Along the way they develop self-discipline, a strong sense of personal responsibility, the ability to lead and persuade, and the foundation necessary for pursuing a career in aviation, space, or technology.



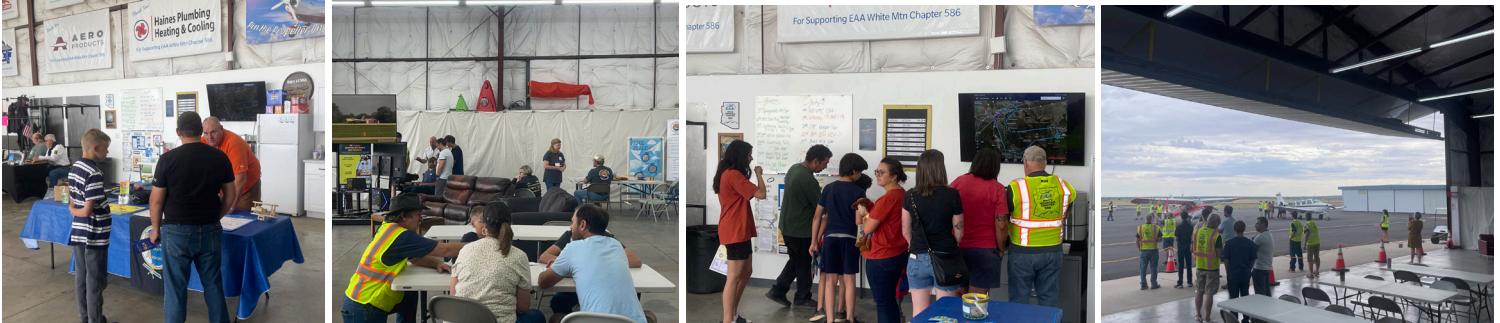
The award ceremony will take place at 8:00am, Saturday, July 20th in the chapter hangar. We invite you to come out and celebrate TJ Hess and his remarkable achievement!



Young Eagle Rally Recap:

Last Saturday, we had our second Young Eagle Rally of 2024. We were able to fly a total of 35 Young Eagles with 8 airplanes, a host of marshals, ramp escorts, greeters and registration workers. This was probably our smoothest rally to date and has increased our confidence that we can open future rallies up to more participants, perhaps 40+ on the next one.

We adopted the "quality over quantity" philosophy early on in our rally model and strive to have a 1 to 1 ratio of pilots to Young Eagles so every participant gets to have their hands on the controls and experience flying the airplane. Opening up the rally to more participants and maintaining the 1 to 1 ratio is only possible because of the "EAA Chapter 586 Volunteer Crew" that is the backbone of the success not only in our rallies but in every offering the chapter hosts.



Thanks to everyone one of you that donated your time to invest in the next generation of aviators!



The EAA Ray Aviation Scholarship is a scholarship program that is funded by the Ray Foundation, managed by EAA, and administered through the EAA Chapter network. Through the generous support of the Ray Foundation, EAA provides up to \$11,000 to deserving youths to help cover their flight training expenses, totaling \$1,800,000 in annual scholarship funding.

The scholarship is open to applicants age 16-19 for powered flight training and 15-19 for glider training.

Are you a young person that has a passion for aviation and a desire to obtain your pilot certificate, then contact our Scholarship Coordinator, Brent Meyer ASAP as the deadline for the scholarship application is July 31st, 2024

Minimum Requirements to Submit Application

- Age 15-19 for glider training
- Age 16-19 for powered flight training
- Possession of FAA or Transport Canada medical certificate *(private pilot students only)
- Possession of a student pilot certificate
- Begin flight training within 60 days of accepting the award

Brent Meyer - Scholarship Coordinator
(719) 339-0229
meyerflyr@gmail.com

TWO MONTH LOOK AHEAD

2024 JULY						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
30	1	2	3	4 VMC CLUB 4TH OF JULY	5	6 4TH OF JULY RODEO
7	8	9	10	11	12	13 GATHERING YE BUILD & FLY
14	15	16	17	18	19 PIONEER DAYS	20 CAP HANGAR TOUR PIONEER DAYS
21	22 OSHKOSH	23 BOARD MEETING OSHKOSH	24 OSHKOSH	25 OSHKOSH	26 OSHKOSH	27 YE BUILD & FLY OSHKOSH
28 OSHKOSH	29	30	31	1	2	3

July Highlights:

- 4th - 4th of July - No VMC Club Meeting
- 6th - 4th of July Rodeo
- 13th - Chapter Gathering & YE Build & Fly
- 19th - Pioneer Days
- 20th - Pioneer Days
- 20th - CAP Hangar Tour
- 23rd - Board Meeting
- 27th - YE Build & Fly

2024 AUGUST						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
28	29	30	31	1 VMC CLUB & FOREFLIGHT WORKSHOP	2	3 SWEET CORN FESTIVAL
4	5	6	7	8	9	10 GATHERING NOMINAT'G COMMITTEE YE BUILD & FLY
11	12	13	14	15	16	17 FLYOUT WINSLOW B-FAST
18	19	20	21	22	23	24 YE RALLY YE BUILD & FLY
25	26	27 BOARD MEETING	28	29	30	31

August Highlights:

- 1st - VMC Club Meeting & ForeFlight Workshop
- 3rd - Sweet Corn Festival
- 10th - Chapter Gathering
- 10th - Nominations
- 10th - YE Build & Fly
- 17th - Fly-Out Winslow
- 24th - YE Rally
- 24th - YE Build & Fly
- 27th - Board Meeting

VMC Club Meeting

Question of the Month - *Is it illegal to make a midfield crosswind pattern entry at an uncontrolled airport?*

VMC Video of the Month - *Collision Course*

ForeFlight Workshop - *Hazard Advisor*

Come join us as we watch the video of the month. After watching the video, we will discuss it and reveal the answer to the question of the month. All are welcome to attend and we hope to see you there!

Date: Thursday, June 6th 2024

Time: 5:30 to 6:00pm Dinner
6:00 to 6:30pm Club Meeting
6:30 to 7:00pm ForeFlight Workshop

Where: Show Low Airport (SLO)
Chapter Hangar (Lusk Hangar)
5130 E. Corporate Way
Show Low, AZ 85901



NO VMC CLUB MEETING THIS MONTH DUE TO THE 4TH OF JULY HOLIDAY



ForeFlight

Reminder!

Our next Chapter Gathering is Saturday, July 13th with the social hour starting at 9am and the gathering starting at 10am. Hope to see you there!

Day: Second Saturday of the Month
Time: 9:00am to 10:00am Social Hour
10:00am to 11:am Chapter Gathering
Location: EAA 586 Hangar (Lusk hangar)
(south hangars on E. Corporate Way)



If you know someone that *Builds... Flies... or Dreams* about Aviation, please invite them to join us!

Best regards from EAA White Mountain Chapter 586