

DECEMBER 2019 / JANUARY 2020

# PROPWASH

A NEWSLETTER OF EAA CHAPTER 517, INC.





# From the Chapter President



## RALPH JOHNS

Many thanks to Sherry Rossiter for organizing our Annual Wright Brothers dinner. It was the Hilton Garden Inn Blue Canyon restaurant and was a rousing success.

Saturday, February 15, 2020 at 6 p.m. at our chapter hangar will be our annual Mid-Winter Chili Feed. Please bring a pot of your favorite chili to share.

Monday, March 16, 2020 at 7 p.m. at our chapter hangar, Bryan Douglass will be making a presentation on his experiences with the Miss Montana to Normandy project.

Monday, April 20, 2020 at 7 p.m. at the chapter hangar we plan to view some interesting segments of the EAA national "chapter video magazine" that we receive each month.

Monday, May 18, 2020 at 7 p.m. at the chapter hangar we plan to start VMC Club discussion sessions. These consist of a video of a real life flying scenario followed by discussion of ways of handling it. It is called a "club" but it is really a chapter discussion group that focuses on a scenario video provided



by EAA national. This should get interesting.

This summer we should have the weekly first Saturday morning of each month Pancake Breakfast Fly-In and Young Eagles Flights going. Also, I think it would be nice to

organize some summer fly outs.

If any of you have suggestions of other activities you would like the chapter to organize please let me know.

*Ralph*

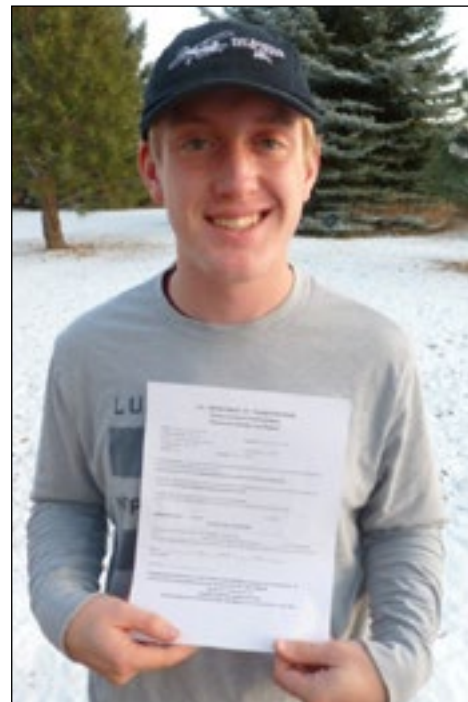
# Ray Aviation Scholar passes written exam

Five Valley's Flyers / EAA 517's 2019 Ray Aviation Scholar, Michael Zielinski, has jumped another hurdle on his way to his private pilot's certificate. November 23, 2019 he passed his FAA Airman Knowledge Test for private pilot-airplane on his first take! In addition, while preparing for the written exam, Michael and his CFI, Greg Eastwood, have been honing his cross-country and maneuvering skills. On one of the trips, Michael's father got to ride along as they flew to Polson and back. A picture from the trip, one of many celebrating Michael's progress, can be found on our chapter's website. Take a look. They might prompt some great memories of your journey to certification.

If you see Michael, congratulate him. He's well on his way to achieving his private pilot's certificate. We look forward to celebrating his next step, solo cross-country. We're crossing our fingers for some weekend weather conducive to solo XC flying.

With the passing of the FAA written he was rewarded with a Zulu 3 headset compliments of Lightspeed. The following is a note from his dad:

"Christmas came a couple weeks early with the delivery of the Lightspeed Zulu 3 headset! It's good to have a big mailbox. Michael hustled back home and began testing it out. He got the Bluetooth synced up with his phone. Then he tested out the noise canceling feature on his mother. Yep, it worked... every teenager's dream! Michael is happy with the dry run...just need to get up in the air now! If only the weather would cooperate. Thanks to Lightspeed for this generous gift."





## 36<sup>th</sup> Annual Montana Aviation Conference

### February 27 - 29, 2020

### Heritage Inn, Great Falls, MT

The annual Montana Aviation Conference will be held at the Heritage Inn located at 1700 Fox Farm Road, Great Falls, Montana. The nearest commercial service airport is the Great Falls International Airport (GTF).

### NEW THIS YEAR !!

**Online Registration** - All conference registrations will be processed through an online conference registration software. Please visit <https://www.mdt.mt.gov/aviation/conference.shtml> to register for the conference.

*Be sure to review the "Online Registration Tips" section at the end of this publication for helpful hints regarding the online registration process.*

**Refreshment Sponsorships** - We are offering the opportunity for companies to sponsor refreshment breaks this year. When participating in this opportunity, the company's name will be posted at the table with the refreshments along with the company's name listed as a sponsor in the program and on the Sponsor sign at the conference.

### Lodging Information

For your convenience, rooms have been blocked at conference rates at the Heritage Inn. Reservations must be made **prior to February 12, 2020** to be eligible for the conference rate. Please call (406) 761-1900 to make your reservation and reference rooming block **Montana Aviation Conference** to receive the conference rate.

**\*\*\*\*\* To ensure that your company name is displayed at the conference and in the program brochure, registration must be completed by February 1, 2020. Be sure to register early as exhibit space is limited!!! \*\*\*\*\***

### Sponsorship Information

The annual Montana Aviation Conference would not be possible without the generosity of the many sponsors. All company sponsorships will have their company name displayed at the conference and in the program brochure and receive complementary conference registration and meals depending on sponsorship level. Sponsorship Levels: Silver - \$500; Gold - \$1,000; and Platinum - \$1,500.

## Exhibitor Information

You can be a part of this conference and provide attendees with valuable solutions by introducing them to your company. This is an excellent opportunity to showcase your products and services. Contact K&J Convention Services at (406) 442-3238 to order additional booth furnishings, tables, electrical upgrades, and for shipping information.

**Single booths** - \$575 early bird registration, \$675 after 2/1/20 - consists of an 8'w X 6'd pipe and drape footprint with sign, 5' skirted table, two chairs and one 500-watt, 110-volt outlet.

**Double booths** - \$800 early bird registration, \$900 after 2/1/20 - consists of a 16'w X 6'd pipe and drape footprint with sign, two 5' skirted tables, four chairs and two 500-watt, 110-volt outlets.

### Exhibitor Set Up:

2/27/20: 7:00 a.m. – 11:30 a.m.

### Exhibitor Meeting:

2/27/20: 10:00 a.m.

### Exhibit Hours:

2/27/20: 1:30 p.m. – 6:30 p.m.

2/28/20: 9:00 a.m. – 11:00 a.m.

2:00 p.m. – 5:00 p.m.

2/29/20: 9:00 a.m. – 2:30 p.m.

### Exhibitor Tear Down:

2/29/20: Beginning at 2:30 p.m.

## Online Registration Tips

Visit <https://www.mdt.mt.gov/aviation/conference.shtml> to register!

**The first email/person registered counts as an attendee.**

If the person completing the registration is the Conference Contact and is NOT attending the conference, that person should use the email address and information for the person that IS attending the conference. The software will prompt you for the Conference Contact's information.

**Don't know who is attending the conference yet, but want to reserve a booth space?**

Complete the registration for one person. You can come back at a later date and add additional complementary registrations.

### Exhibit Booths -

- Use the interactive map in the conference registration software to select your booth space.
- Hover over a grey booth to see the company's name that has already purchased that booth space.

**Have questions? Don't struggle! Just call us at (406) 444-2506 and we will help you through the registration process.**



# Visiting the EAA Museum



## From Orson Jordan EAA Chapter 517 member

“My daughter Leila Jordan-Templeton and I recently went to a Packers game in Green Bay, Wisconsin, but we had to stay in a motel in nearby Oshkosh.

Unbeknownst to me, the motel just happened to be right next to the EAA Air Museum. On our last day there, we decided to visit the museum before we headed back to the airport in Milwaukee for our trip back home.

I wish now we had found out about the museum sooner and had devoted more time to our visit because the two hours we had before our flight home was not nearly enough, we could have easily spent another 2-3 hours visiting all the airplane collections, exhibits, tours, and various video shows they had.

There are way too many exhibits to list here or write about, but one of the most interesting exhibits that I was impressed by was the partial replica of the Burt Rutan designed aircraft Voyager which flew a

nonstop, non-refueled flight around the world in 1986, flown by his brother Dick Rutan and navigator Jeana Yeager. The flight covered over 26,000 miles and lasted more than nine days. Such an aeronautical feat seems so incredible and amazing to me, not to mention the design and planning for such a trip. How two full-grown people could fit in those cramped quarters for nine days non-stop is unbelievable, and I wonder how they went to the bathroom. I always think about the simple problems. The smell,



OMG! I bet they were glad to be able to use a real bathroom and take a shower as soon as they touched down. Oh yeah, the engineering feat was also amazing! They had thought it would take their team 18 months to prepare; it took six years! Burt Rutan has got to be the most talented and gifted aeronautical engineer of the 20th Century!

One other super interesting exhibit was the one of Richard Branson's Virgin Galactic spacecraft that will take six civilian tourist passengers and two pilots to the edge of space in the near future. Won't that be something?

Well, if my daughter and I decide to go to another Packers game in the future (this was our second in the last

10 years, she lives in L.A.), we will definitely devote a full day to going back to this air museum. I've been to the Smithsonian Air Museum, the Boeing museums in Seattle and in New Orleans, but the EAA Air Museum in Oshkosh is a must-see for any pilot or airplane enthusiast. Hope you enjoy the attached pictures."





# Follow EAA 517 on Facebook

# Opportunities at MSO

## GENERAL AVIATION HANGAR

Delta Golf Hangars. These hangars are located near the east corner of the Delta and Golf taxiways. Construction was completed in November. One is available for sale. It's 42' w x 50' deep; door opening 12'6". The Hangars are individually owned and managed by a condo owners association. The hangars are gas heated and each unit has water and sewer. Interested parties can contact Mike McCue at (406) 240-9868 or [mike@nw-tower.com](mailto:mike@nw-tower.com).

## FLY WITH THE CIVIL AIR PATROL

Private pilots. Expand your flying experiences with the Missoula Civil Air Patrol Squadron. Receive training to fly a CAP aircraft. Practice flights and the first flight evaluation (with a CAP designated Check Pilot) are paid for by the prospective pilot. Cessna 182 training runs about \$115/hour including aircraft rental and fuel. After the successful flight evaluation CAP pays for additional training or aircraft upgrade to the T206H.

**CFIs:** We are looking for CFIs who could assist with training other CAP pilots. Contact Peter Graf, 406.370-3066 [grafpeter49@gmail.com](mailto:grafpeter49@gmail.com) Website <https://mtwg.cap.gov/about-us/units/missoula-composite>

## BUILDER'S REPORT

### Rutan

Ed Lovrien

Limo EZ – 50%

### Van's RV

John Barba

RV-6

### Zenith

Duane Felstet

CH-750 75%

*Builders, please send updates to the newsletter editor at [cburson@gmail.com](mailto:cburson@gmail.com) so this list can be kept current.*



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# Fly safe: Addressing GA safety



## By FAA

The Federal Aviation Administration (FAA) and the general aviation (GA) community's national #FlySafe campaign helps educate GA pilots about safety, including loss of control (LOC), powerplant failure, and controlled flight into terrain (CFIT).

Stay safe! This series will show you how you can incorporate safety into every flight.

### **Keep Your Focus**

Interruptions and distractions may be brief, but they can be deadly. They can cause you to lose focus, which

could lead to catastrophic errors.

Interruptions and distractions break your train of thought, but at times can convey information that is critical for safe flight. The key is to learn how to safely manage the inflow of competing information.

Examples of interruptions/distractions include air traffic control (ATC) communications or alerts, head-down work, or having to deal with an unexpected situation. If not managed properly, distractions can set a deadly chain of events in motion.

Pilots are trained to manage several tasks concurrently, and for the most part, this is a skill pilots execute well. However, it's

important that you avoid becoming preoccupied with one task over all the others. Do you remember the December 1972 L-1011 crash, where the crew became so preoccupied with a landing gear light malfunction that they failed to notice that someone had erroneously turned off the autopilot? Similar events can happen to the GA pilot. Don't let it happen to you!

### **Reduce the Risk**

- Realize that you may have control over some interruptions and distractions, and not over others.
- Realize that the actions

under your control, like head-down work, including standard operating procedures and checklists, should be conducted during periods of minimal disruption.

- Observe the FAA's "sterile cockpit rule," and make sure your passengers understand your need to focus at critical junctures of the flight.
- Keep communications clear and concise.

## Responding to Abnormal Conditions

Because some interruptions and/or distractions may be subtle, the first priority is to recognize and identify them. Then, you will need to re-establish situational awareness. Identify what you were doing, and where you were in the process when you were distracted. Determine what action you need to take to get back on track.

Prioritization is key. Remember:

- Aviate
- Navigate
- Communicate, and
- Manage

Be ready to postpone some lower-priority actions until you are in a position to safely address them.

## More Tips on Dealing with Distraction

- Recognize that conversation is a powerful distracter.
- Recognize that head-down tasks greatly reduce your ability to monitor the status of the aircraft.
- Schedule or reschedule activities to minimize conflicts, especially during critical phases of flight.
- When two tasks must be performed at the same time, avoid letting your attention

linger too long on either task.

- Remember that your job as pilot in command is to fly the aircraft. That is your primary focus.
- Treat interruptions as red flags.
  - Remember, "Interruptions Always Distract" Identify the interruption when it occurs.
  - Ask, "What was I doing before I was interrupted?"
  - Decide what action you will need to take to get back on track.

## The Final Word ...

Fly regularly with a flight instructor who will challenge you to review what you know, explore new horizons, and to always do your best.

Be sure to document your achievement in the Wings Proficiency Program. It's a great way to stay on top of your game and keep your flight review current.

## Did you know?

Loss of Control happens in all phases of flight. It can happen anywhere and at any time. There is an average of one fatal accident involving Loss of Control every four days.

## Resource Guide:

Review this FAA Safety Team Fact Sheet on managing unexpected events. The Flight Safety Foundation publishes a Tool Kit that can help you manage the deadly duo of interruptions and distractions. NASA has also created a helpful checklist that will help you balance competing information. AOPA has these tips on distraction management. The FAA Safety Briefing has an article on

strategies to help you overcome your startle response in the Sep/Oct 2019 issue. Curious about FAA regulations (Title 14 Code of Federal Regulations)? It's a good idea to stay on top of them. You can find current FAA regulations on this website. The FAA Safety.gov website has Notices, FAAST Blasts, online courses, webinars, and more on key general aviation safety topics. The WINGS Pilot Proficiency Program helps pilots build an educational curriculum suitable for their unique flight requirements. It is based on the premise that pilots who maintain currency and proficiency in the basics of flight will enjoy a safer and more stress-free flying experience. The General Aviation Joint Steering Committee (GAJSC) is comprised of government and industry experts who work together to use data to identify risk, pinpoint trends through root cause analysis, and develop safety strategies to reduce the risk of GA accidents. The GAJSC combines the expertise of many key decision makers in the FAA, several government agencies such as the National Aeronautics and Space Administration, and stakeholder groups. Industry participants include the Aircraft Owners and Pilots Association, Experimental Aircraft Association, General Aviation Manufacturers Association, Light Aircraft Manufacturers Association, National Business Aviation Association, National Air Transportation Association, National Association of Flight Instructors, Society of Aviation and Flight Educators, and the aviation insurance industry. The National Transportation Safety Board and the European Aviation Safety Agency participate as observers.



# Annual Mid-Winter Chili Feed

## Five Valleys Flyers (EAA 517)

The Annual Five Valleys Flyers (aka EAA Chapter 517) CHILI extravaganza will be on February 15, 2020 between 1200 hours (noon) and 1500 hours (3 PM). This will happen at Hangar 4, the Five Valleys Flyers Hangar in the East LZ Condominium Complex at 4198 Executive Drive at the Missoula Airport. Weather permitting, please fly in.

This year prizes will be awarded to the three chili chefs that receive the most votes by “the tasting committee.” The tasting committee is everyone who tastes the chili.

First Prize: \$25.00  
Second Prize: \$15.00  
Third prize: \$5.00

Chili chefs, please arrive by 1130 to set up your table. Chopped onions, shredded cheese, sour cream, and saltine crackers will be provided on the condiment table. For planning purposes, please let me know that you will be bringing a chili. Call or text me (Steve Rossiter) at (406) 529-1601 or e-mail at: [eaachapter517@aol.com](mailto:eaachapter517@aol.com).

A Donation Jar, with our thanks, will be available to offset the cost of supplies and prize money.



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