



Serving the Port Angeles & Sequim Area

EAA 430 FLYER

NOVEMBER 2021



Dedicated to having fun with airplanes and promoting General Aviation



CHAPTER CHATTER

With President Ken Brown

The candy corn dish is finally empty and all the Halloween decorations have been stored for another year. The Thanksgiving cornucopia is on the table already and the leaves from the trees are everywhere. The clocks all fell back and the early sunsets have arrived.

All of this means the election of chapter officers will occur this month. The changing of the guard if you will. With this change, we will have a new voice, ideas and direction.

What will be your part in this organization? Will you step up to coordinate one of the youth programs or be a mover and shaker for a breakfast fly-in, or some other program? You have talents and we would like you to share them with the chapter.

Our chapter has continued to grow, in spite of the difficult times the last 18 months. We have expanded the scholarship program to support three students pursuing careers in aviation. Good on us.

Looking to the immediate future, we have this year our November Election (11/27), the Christmas Toys-For-Tots Annual Dinner Party (12/11) at The Cedars of Dungeness and the transition board meeting (12/17) where the gavel and torch pass to the new president. Look for your invitation so you can RSVP for the annual party.

You have already received your ballot. Please vote early by mail. It works really well and only takes a minute or two.

Wishing you a Happy Thanksgiving (11/25) and A Joyful Chanukah (11/28-12/6). Yes, it is early this year.

Ken

IN THIS ISSUE	Page
Chapter Chatter (Ken Brown)	1
Calendar of Events	2
VMC Club (Ray Ballantyne)	2
Review of October 30 presentation	3
Aviation From My Rocking Chair	4
Interview with Tom	5
Fly-out to Chehalis	6
Partnership For Sale	7
October Gathering Minutes	8 -9
2021 Board and Directors	10

NOVEMBER & DECEMBER 2021
<ul style="list-style-type: none"> VMC Club Meeting 2nd Wednesday of the Month Nov 10 & Dec 8 7 - 8 pm Mariner's Café EAA Chapter 430 Board Meeting Nov 19 & Dec 17 (BOD transition) 9:00 am Mariner's Café EAA Chapter 430 Gathering Nov 27 10:00 - 12:00 TBD
<p>Our Annual Christmas Party December 11 Cedars of Dungeness Woodcock Road</p>

EAA Annual Christmas Party

Don't miss a night out on December 11th with your EAA friends. Social hour 5-6; partake of excellent food 6:00; program and entertainment @ 7:00. You'll be receiving an email requesting the number of people in your party and your entrée preference. Please send a check for your meal prior to the party. We are not accepting PayPal payments for the meal. Proof of Covid vaccination will be required at the door. Bring an unwrapped gift for our Toys for Tots table. This will be a night of good fellowship with your fellow EAA 430 members.



WHAT: VMC - Visual Meteorological Conditions (flying VFR - visual flight rules)

Discussions involving flying airplanes led by Ray Ballantyne

WHERE: Mariner's Cafe

WHEN: 2nd Wednesday of the month starting at 7:00 pm.

WHO: Anyone interested in flying is welcome to attend. It is a great place to meet new people and have some fun!

WHY: The one-hour meetings use real-world scenarios to engage members and allow a free exchange of information that improves awareness and skills. Designed to provide organized "hangar flying" focused on building proficiency in VFR flying. We hope to create a community of aviators willing to share practical knowledge, nurture communication, improve safety and build proficiency.



Kevin Widdowson presents Boats and Airplanes



Flying his airplane when he is home in England is another favorite pastime.

Kevin, presenter at the October gathering, explains the process of laying internet cable underwater and making repairs when necessary .

Global Challenge

Kevin was chosen out of 350 applicants as a member of the 6-person crew on the *Cable & Wireless Adventurer*, the around-the-world voyage encompassing 10 countries and 15 ports in just 73 days. According to Kevin, it was a trip of a lifetime; however comfort was not part of the experience. Below are pictures of the unique boat.



The *Cable & Wireless Adventurer* was designed and built to circumnavigate the globe in less than 80 days, to break the world record held by the US. Equipped with mostly British-designed, state-of-the-art navigation and communications equipment, the unique 115-foot stabilized monohull , twin-diesel powered vessel, left Gibraltar on 19 April 1998 on its pioneering 26,000-mile world-wide journey.



Kevin is the Captain of the CABLE INNOVATOR, a deep-sea vessel designed to lay underwater cables for telecommunications, electric power transmission, military, or other purposes. These cables are the undersea internet network cables providing our connections to distant places. It was built in 1995, is currently sailing under the flag of UK and is berthed in the Port Angeles Harbor. Its mission is cable repair on the west coast from Alaska to Mexico.





Aviation From My Rocking Chair

By Rick Vaux

Electrical Bonding (What?)

Greetings, Chapter 430. As some of you know, I have been relying on articles I wrote originally in the 20th Century! Thank Heaven some things don't change much. It seems that I have been stuck on electrical problems and troubleshooting lately. Bear with me one more time, and maybe next month will be different.

In a prior life I was an inspector for American Airlines and was asked one night to check a couple bonding jumpers attached to a 757 elevator. Aha! Electrical Bonding, that looks like an easy subject. Man, when I'm wrong, I'm really wrong! However, having already committed to this subject, let's see if it's possible to simplify a little.

An Electrical Bond is defined as any fixed union existing between two metallic objects that results in electrical conductivity between them. This can be either physical contact or from an electrical connection, i.e. bonding straps, clamps, jumpers, etc. O.K., why is electrical bonding so important to our aircraft? As anyone who has witnessed lightning can see, clouds can become highly charged with electrical energy. An aircraft (especially rotorcraft) in flight can also become very highly charged, primarily due to static electricity caused by atmospheric and slipstream effects. If an aircraft is improperly bonded, all metal parts will not have the same amount of charge. This causes a difference in electrical potential between various metal components.

When these charges neutralize along paths of variable resistance (such as intermittent contact caused by vibration or control surface movement) they produce electrical disturbance or noise in radio receivers. If the resistance between isolated metal parts is great enough, charges can accumulate until the potential difference becomes high enough to cause a spark. This could be very detrimental to the airframe, especially sensitive avionics or fuel tanks.

To my dismay, it would take more pages than I have available to cover this subject in our newsletter. However, I can list some of the reasons for electrical bonding in aircraft.

They are:

- (1) To minimize radio and radar interference by equalizing accumulated static charges.
- (2) Eliminate a fire hazard by preventing static charges from building up between two isolated members and creating a spark.
- (3) To minimize lightning damage to aircraft or occupants.
- (4) Provides a ground for proper function of radios.
- (5) Provides a low resistance return path for single wire electrical circuits.
- (6) Aids the effectiveness of ignition or radio shielding.
- (7) Provides a means of bringing the entire aircraft to ground potential and keeping it there when not in flight.

Well, did that water your eyes as much as mine? To find out how to bond an aircraft, check out AC43.13-1c. With that troopers, class dismissed and Rick has left the building!

Rick Vaux TC 4130



Editor's Note: I usually interview a Chapter 430 member for the newsletter; however, now that the holiday season is upon us, most of you are busy, so I decided to interview a special Thanksgiving friend, Tom. I had no preference between male or female, and this interview was based on the turkey who answered the following questions.

Hello Tom. Thanks for taking the time to help us get acquainted with you.

Tom: Thank you for asking me. Although my time during this season IS limited, I'm happy to be here. The alternative for me is that I might meet one of you in quite another way, on your dining room table.

Question: My first question to you: When did you decide on this particular career?

Tom: My career was predetermined. My mother used to tell me I could fly like an eagle but she neglected to tell me how to do this. I did try it on my own, but I could only fly a few feet off the ground before landing.

Question: Have you had a happy life?

Tom: Yes. I live on a farm and have been well fed and taken care of. I've always lived among my own kind and have lots of friends. At this time, unfortunately I seem to run around like a chicken with its head cut off.

Question: Do you have any regrets about how you have spent your life?

Tom: Since you asked, yes. I would like to have seen more of the world. I was pretty well stuck in the barnyard all my life. Not many of us get to have adventures.

Question: What has been your favorite memory as a turkey?

Tom: I always enjoyed eating with my friends. We woke up super early in the morning to get the good corn. The struggle was always worth it, though. We were stuffed by the time the rest of the turkeys woke up.

Question: Did you ever imagine yourself becoming a Thanksgiving turkey?

Tom: I always hoped I would be pardoned and live a long life.

Question: Do you have a favorite song this time of year?

Tom: *Staying Alive* by the Bee Gees

Question: Tom, what are your plans this Thanksgiving?

Tom: Well, honestly, I make it a habit not to plan ahead. One never knows. On Thanksgiving I am hoping for one of those wonderful NW storms when all the power goes out. Then I'll be watching football on my iPhone.

Question: Do you have any last words for our Chapter?

Tom: Yes. Don't be a turkey. Go fly with the eagles and be kind to your friends. Have a happy Thanksgiving, EAA 430.

Fly-out to Chehalis October 7, 2021

What a neat fly-out we had today! There were enough clouds on the way down from Sequim (and over from Norman Grier for Tim) to make the trip interesting and pretty but not an obstacle to getting there. Heading home kept some clouds in the picture but again a fine VFR day. I was surprised to see all the small lakes and rivers down there. I think most of my flying in that area had more clouds, less viz, and not so much time to just enjoy the scenery. This particular fly-out has enough distance to make the trip an adventure but not so long as to make it boring. Even in a Cub! Thanks for coming today. I was really pleased to see all of you, and I think the restaurant was, too! *Barry*





Seeking replacement partner for departing member - \$29,950.00

1971 Cessna 172-L

- ♦ Lycoming O-320-E2D
- ♦ Engine Rebuilt 2019 (160 HP Conversion)
- ♦ New AirTex Interior 2019
- ♦ New Panel 2019
- ♦ New Paint 2019
- ♦ SkyView HDX Glass Touchscreen Panel
 - Primary Flight Display
 - GPS Navigator
 - Full-Function AutoPilot
 - Engine Analyzer
 - Synthetic Vision
- ♦ SkyView EFIS D10-A (secondary)
- ♦ Garmin GNS 430W (Integrated to Skyview)
- ♦ Garmin GNC255A Nav-Com with Glideslope
- ♦ Garmin GMA345 Audio Panel
 - 4 Place Inter-com with dual push-to-talk switches
- ♦ 38 Gallon Fuel Capacity
- ♦ Emergency Locator Beacon (406 mHz)
- ♦ Front Shoulder Harnesses
- ♦ STOL Wing Conversion Kit

316 SMOH 4466 TTAF
\$2,892 Engine Fund (Currently)



Partner financial requirements include:
Maintenance/Insurance/Hangar \$85.00/Mo.
Engine Tach Time \$20.00/Hr.

AERO Northwest LLC

For more information contact:

Mike Kiltz
360-460-6606

Jeff Davis
210-394-3512

Dan Gase
360-808-7053

George Kuhrtz
619-302-2553

Rick Stoffel
612-239-5128

Aircraft hangared in Port Angeles (KCLM)

EAA Chapter 430 Monthly Gathering Minutes

October 30, 2021



Date: October 30, 2021 Gathering in-person meeting with 25 members and 3 guests attending.

Ken opened the gathering at 10:10 a.m.

Approved Minutes: The minutes for September 2021 meeting were approved. The minutes are included in the Chapter Newsletter.

Financial Status: Checking \$3,352 Scholarship \$12,896. Total assets: \$16,248.

Correspondence: none.

Guests: Kevin Widdowson, our speaker for today. Francoise Perlman, Stanley Hall.

Board of Directors Reports and Status updates:

Paver Program: Order completed, now we are waiting on the delivery. Once delivered, there will be a work party to lay out the plaza and install the bricks.

Fly outs – Barry Halsted reported 13 people and 7 or 8 planes attended the October Challis flyout. It was a good flyout, and the restaurant at the golf course was nice.

Helicopter Blades – The four blades are offered for sale to the membership at \$75 each OBO as a piece as aviation art.

The boat trailer has not yet sold, it is now priced at \$500.

New Business:

Annual Election – Ballots emailed in November. A proxy will be included A quorum is required (30% of the membership.)

Christmas Dinner - December 11 1700- 2000 at Cedars of Dungeness Toys-for-Tots. Survey requested for an early count of attendees. We must have 50 solid confirmed or there is a large room rate applied. Only 11 total responded. 9+ 2-. Please respond to the survey.

(Minutes continued on next page)

Project Reports:

Dave Boerigter – Has secured a hangar at PA and now needs to move his RV12 project from his home to the hangar.

Jay Perlman – has cleaned out his hangar and has leftover parts to give away or sell. See Jay if interested.

Tom Roorda – The motorglider is being flown now, and Tom is in the process of getting checked out in it.

Richard Howell – The Sling II project is progressing. The engine is in and he is working on the fuel system and plumbing now.

Barry Halsted – The Piper PA 11 Cub has been repaired and is flying again, better than ever.

Hospitality – Skip hosted the coffee and pastries today. There was no lunch service. Need a volunteer for November's meeting

Speaker - Our featured speaker was Kevin Widdowson. He is captain of the large ship berthed in the Port Angeles Harbor. Its mission is cable repair on the west coast from Alaska to Mexico. These cables are the undersea internet network cables providing our connections to distant places. A very important service. Kevin is a pilot and lives in the U.K. Kevin provided a fascinating and informative presentation enjoyed by all. Thank you, Kevin!

The next VMC meeting is November 10, Mariners 7 pm

BOD meeting November 19, Mariners 9 am

Gathering November 27, TDB. Election and Birthday Party

Ken ended the meeting at 12:35 pm.

Respectfully submitted,

Tracy Halsted for

Ray Ballantyne, EAA430 Secretary

2021 BOARD AND DIRECTORS

Chapter Phone Toll free 877-EAA-0430 (877-322-0430)

Position	Name	Phone Ext	Email Address
President	Ken Brown	1	president@eaa430.org
Vice-President	Rick Vaux	2	vicepresident@eaa430.org
Secretary	Ray Ballantyne	3	secretary@eaa430.org
Treasurer	Skip Brown	4	treasurer@eaa430.org

Class II Directors

Build-n-Fly	Need Project leader		build-n-fly@eaa430.org
Programs	No Candidate	5	programs@eaa430.org
Membership	Madeline Patterson	6	membership@eaa430.org
Newsletter	Skip Brown	7	newsletter@eaa430.org
Scholarship	David Miller	8	scholarship@eaa430.org
Tool Crib	Mike Gawley		toolcrib@eaa430.org
Young Eagles	Bud Davies	9	youngeagles@eaa430.org
Web Editor	Andy Sallee		webeditor@eaa430.org
Tech Advisor	Harry Cook		techhc@eaa430.org
Tech Advisor	Barry Halstead		techbh@eaa430.org
Tech Advisor	Ernie Hansen		techeh@eaa430.org
Tech Advisor	Rick Vaux		techrv@eaa430.org

