

Volume 36

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FT	3000	9000	12000	18000	24000	30000	34000
BRL	1937	2215+12	2617+07	9900-09	20734	283444	
DBQ	1922	2215+12	2617+07	9900-09	20734	283444	
DSM	1919	2215+12	2617+07	9900-09	20734	283444	
MCW	1709	2215+12	2617+07	9900-09	20734	283444	
JOT	2229	2215+18	2106+13	2706+06	3205-09	9900-19	191034
SPI	2028	1921+18	1911+12	9900+06	3611-10	3405-20	191034

Winds Aloft



EAA Chapter 790

Lake in the Hills, IL

790.eaachapter.org



President's Message

Happy New Year Chapter 790! 2016 Has been a very successful year for us with a lot of positive changes. I would like to take the welcoming of 2017 as an opportunity to look back and celebrate all of the hard work we have done and highlight our accomplishments. Starting with our Youth in aviation, we have hosted six Young Eagles rallies flying over 330 children and also sent two chapter family members to EAA summer camp. The Oshkosh summer camps are a great way to immerse children in aviation and I am hopeful that more members nominate relatives as I suspect we will be offering this opportunity again in the future. We closed out our youth in aviation efforts with a free pizza dinner for all those who helped including the CAP participants. Kudos to Bud Herod and Rob Nelson for all they have done in this area, thank you. *(continued on next Page)*

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PRESIDENTS MESSAGE (Continued)

Next is our annual banquet where we had a great time at Millrose restaurant last February. We will be hosting this year's banquet at Crystal Lake Country Club and due to the great success of our pancake breakfast and sponsorship drive, 790 will be subsidizing over 50% of the bill for members and their guest. On the subject of food, we have continued our tradition of the pre-meeting BB'Q in the summer months and in 2017 will be waiving the fee for members and guests in favor of a voluntary donation.

We have been very successful with membership attendance at our monthly meetings and it is very important that this remains. We will continue do our best to make the meetings interesting, comfortable and on-time. I would request from all members that if you have a suggestion or something you would like to see at these meetings please let me know; we are open to new ideas for meeting activities and speakers. On the subject of member meetings, Ole has set-up monthly breakfast fly-outs for on the first Saturday of the months that we do not fly Young Eagles. The first breakfast was at Lake Lawn Lodge and was a huge success. Please keep an eye on the website for these and other fly-out destinations from B-29 restorations to Air Zoos there is always something on the horizon at 790.

2016 was an election year for 790 and one of my goals as president was to recognize the term limits stated in our bylaws. As a result, we have some new

people in leadership positions and some prior leaders in new positions. Please welcome our new leadership team which is Rob Nelson as VP, Tom Solar as Secretary, Tom Legates as Treasurer, myself as President and Ole, Ron and Lon as Board Members. I believe that we have a great and energized team that will serve 790 well in 2017/2018. I would like to acknowledge the members who served on the leadership team in the past and built 790 into what it is today, thank you.

Our upcoming February board meeting will be primarily about setting the goals and calendar for the year so I urge all members to attend as all Board meetings are open and listed on the website. As always feel free to contact me if you have any issues or suggestions you would like the board to consider but cannot attend the meeting in person. Lastly, this month is our membership registration and thanks to Tom LeGates hard work, we can now register and pay our dues online and remember, if you know someone who is interested in attending our banquet, their membership dues would essentially be free due to the reduced banquet price so let folks know.

Again, Happy New Year and thank you to all in the 790 family and let's make 2017 the best and safest year ever.

Regards,

Paul



Drew Bryant's October Newsletter.

Drew was our Chapter 2015 Scholarship Award Winner. He is pursuing Bible Study, Flight and A&P Training to become a missionary pilot. His studies are depended on donations and his hard work. At the end of his newsletter is his address if you wish to donate. Kingdom Air only charges for fuel and oil, which is about \$60/hour for flight training. Drew currently has 30 hours and will be working towards finishing up his private ticket this summer in Alaska.

ABC Fact

Alaska Bible College is celebrating their fiftieth year of educating and training missionaries to impact the world for Christ! I am excited to be a part of ABC and all the missionaries and Bible-trained Christians.

Missions Conference

Alaska Bible College just had their second annual missions conference which was based on 2 Corinthians 5:17 "We are made new" which is the theme for this year at ABC. I really enjoyed interacting with the many missionaries that were able to be involved.

Biking in Alaska!

I am so glad that I brought my bike from Chicago. I have put many hundred miles on it in Alaska! Living at a fellow student's family's house over the summer gave me the opportunity to bike to work, giving me about 12 miles a day!



Dear Family and Friends,

I am so happy to tell you about the experience I had at Brooks Range Bible Camp. It was like no other experience that I have ever had. I served as a camp counselor, and I really enjoyed this position. It allowed me to be with the kids all day, hanging out with them and being a godly example. We had chapel times where we would memorize a verse with the kids and sing songs of worship as well as a chapel time where a message was given overviewing the Bible. Being with the kids for a whole week at a time gave me just a glimpse of what the kids' lives are like in the villages. I was privileged to go visit one of the villages, Anaktuvuk Pass, on one of the weekends while we were there. This was a really amazing experience, and it gave me an even greater understanding of what life is like there and in what ways we can minister to this particular village.

This semester I am taking four classes, and I am learning so much from them. The classes I am taking are History and Issues of Missions, Pentateuch, Marriage and Family, and the Instrument Ground School Course (which is being taught by Kingdom Air Corps). I am excited for this school year and all that it brings. As well as working at the near-by pizza restaurant, I am serving at the YAK Palmer youth center, serving at my church's AWANA program, and doing some other side jobs. I am excited to be able to be involved with all that I am. It is busy, but I am really enjoying each part of my ministry training.

(Drew Bryant's Newsletter continued)



The Village of Anaktuvuk Pass

A village of three hundred

Some prayer points would be:

Praise that Brooks Range Bible Camp went well and that we had several kids proclaim their faith and 9 baptisms

Pray for sufficient funds to come in so as I will not have to put my training on hold

Pray as I continue to build my knowledge as well as my flight

Follow me on the web!

I have started a blog in which I hope to give more frequent updates! So go to pilotforhiscglory.wordpress.com and subscribe so that you will receive the updates straight to your email!

Kingdom Air Corps is operating throughout the winter which is not usually the case. Kingdom Air Corps is growing and developing an effective relationship with Alaska Bible College and being a part of incorporating aviation classes. I am excited about the partnership between these two ministries and look forward to seeing more students come about as a result of this growth.

I having been taking flying lessons with the intention of obtaining my Private Pilot Certificate before the end of the semester and at the same time studying for my Instrument Rating through the Instrument course at Alaska Bible College. I still have the same passion for flying as I did when I first started; every time I hop in a plane the excitement is still there. At some points, it is hard to hold the excitement in!

I am still in need of funds to pay for the rest of this semester (\$1,978) as well as a loan that I had to take out. I have a lot of the costs coming up. Some of those costs are my Private Pilot Check ride \$600 (November, God willing) to get my Private Pilot Certificate and the Instrument Rating Written Exam which is close to \$150 (December). Please be in prayer about possibly supporting me. If there is an insufficient amount of funds I will have to take a break from my training. I am actively looking for ways to pay off my tuition, living expenses and training expenses such as working and looking for scholarships. If you would like to support me, you can do so by mail with the form I have included or donate using the fundraiser link <https://www.gofundme.com/mkx7uO>

Please return to: Drew Bryant

In Christ

248 E. Elmwood Ave. # 405

Drew Bryant

Palmer, AK 99645



Time To Put on the Skis, *by Tom Jackson*



Winter for many pilots is a time to either rest or think about doing some work on their plane. Winter flying is one of the best times of the year, the air is dense, thermals for the most part are nonexistent, and the wait for take offs is gone.

So where do you fly. Well, small airports, with grass fields, which are not usually plowed are a first choice; then in Wisconsin most lakes, when frozen hard, are a major play area with their multiple eateries.

The problem with skis is how to get the plane out of the hanger or back in, or what if there is a limited amount of snow at my field, how do I get to the fuel pumps at a field with hard pavement. These and many other situations stop pilots from flying in the winter which is taking half the fun out of flying.

Solution, retractable skis. There are basically 3 types of skis, straight skis which need snow to go; penetration skis which have an opening for the wheels to penetrate to the runway; and then there are retractable skis which use hydraulics or electric power to give the option of skis or wheels, much like amphibious floats.

Each type has it's plus and minus. Straight skis restrict one to snow, and that is all. Penetration skis give you the best of both worlds which is hard surface access and snow. Penetration skis are lighter but they have more drag (resistance) when taking off

in deep snow. Retractable skis are a little heavier and have the complication of a retract system but they perform better in snow and especially deep powder snow. Skis on a plane are to be used in snow so why not have skis that perform well in all conditions.

My choice was retractable skis which have performed very well in snow up to 18 inches.

The system is quit simple, there is a jack screw that moves the ski under the wheel when landing on snow and off the ski when landing on hared surfaces. I fabricated a control box that can actuate the right ski or the left ski. The power to drive the jack screw can either come from a 12 v power outlet or a jump start 12v battery. I use the jump start just to preserve my aircraft battery since it has my priority to start the engine.



Continued on next page

TIME TO PUT ON THE SKIS *(cont.)*

Datum skis were my choice with simple installation and reasonable price when compared to other manufacturers. Datum has a good web site with interesting information and the owner is very helpful when it comes to matching skis to your plane. Google Datum skis and you will find all the information that you may need. If you are still interested look me up and I may be able to give you some pointers. Some pictures to show who to extend

your flying fun.

Also if you Google 2015 and 2016 EAA SKI PLANE FLY IN you will see some good videos and will also catch N701JT.

THINK SNOW!!!

Tom Jackson Zenith CH701

"We do not stop playing because we grow old, we grow old because we stop playing" Ben Franklin

**FOR SALE**

by Chapter Member Dave Boone

LANCAIR ES KIT • \$55,000 • **ACCEPTING OFFERS** • Lancair ES "Fast Build" kit for sale (still in crates). Purchased 2001. Stored in hanger. This kit has all components except engine and interior. A&P owner has completed the horizontal tail. Fast Build firewall, wings and tail . Wing mate. Construction tables available. I am getting ready to move and have no place to store the project. Project located in Northern Illinois. • Contact David A. Boone, Owner - located Crystal Lake, IL USA • Telephone: 815/540-8327 . 815/455-4555 • Posted December 7, 2016 •



Condolences go out to Rob Nelson and family for the loss of their son.

Annual Awards Banquet - Saturday, February 25, 2017 6-9PM Crystal Lake Country Club

For this year's event, we are returning to the Crystal Lake Country Club. We have decided to reduce the price this year for members and their personal guest. All meals are priced at \$20 each for the member and one guest (spouse/significant other). Additional guests are \$40 each. These are all-inclusive prices.

Meal choices will be Filet of sirloin, Chicken de jonghe and Pan roasted salmon. The meal will include a Caesar salad, baked potato, seasonal vegetable and caramel sea salt cake for dessert. Coffee is also included, all other drinks are available at the cash bar, which will open at 6 P.M. Dinner service will begin at 7:15. The Country Club requests suitable attire, no blue jeans please!

To sign up for the Banquet, **go to the chapter website or fill out the form** below and mail to:

Tom LeGates

C/o EAA Chapter 790

P.O. Box 1206 Barrington, IL 60011

Member: _____ Menu Choice _____

Spouse/SO: _____ Menu Choice _____

Guest: _____ Menu Choice _____

Contact Information (Phone/Email) _____

Guest: _____ Menu Choice _____

Contact Information (Phone/Email) _____

MENU CHOICES:

1. Filet of Sirloin
2. Chicken de Jonghe
3. Pan Roasted Salmon

Amount Enclosed _____

EAA Chapter 790 Membership Form - 2017

or sign up on the Website under Chapter Membership

First Name: _____

Last Name: _____

Spouse: _____

EAA Membership Number: _____ (Must be an EAA member)

Street Address: _____

City: _____ State: _____ Zip: _____

Home Phone: _____ / _____ - _____ Cell Phone: _____ / _____ - _____

Email Address: _____

Own Aircraft: yes or no Model or Type: _____

Aircraft Project: yes or no Model or Type: _____

For Young Eagles

If you have completed Youth Protection training, what was the date _____

If you have completed the background check, what was the date _____

Dues

\$25.00 Family/Individual Renewing Membership _____ \$10.00 Family/Individual First-Time Membership _____

\$10.00 Out of State Membership _____ \$10.00 Student Membership _____

Please make checks payable to "EAA Chapter 790" Bring this form and payment to a members meeting, or mail to:

EAA Chapter 790, PO Box 1206, Barrington, IL 60011

EAA Chapter 790 Board Meeting

December 6, 2016

Meeting called to order at 1840. Attendees Paul Ranieri, Tom LeGates, Tom Solar, Rob Nelson, and Mike Perkins. (Before the meeting, Rob and Tom S were made board members by president Paul Ranieri. A quorum was thus present).

October's minutes – A motion to approve October's minutes by Tom L, second by Tom S, motion passed unanimously.

Treasurer's report – Lon was not present so no report was given. Our Young Eagles thank-you dinner at Marsano's cost only \$200 and the service was so good that we gave a \$75 tip.

Meeting Recaps – The consensus was that the last two meetings were excellent; there was good unsolicited feedback, along with several suggestions that in the future we video-record some of the interesting presentations. **A motion** was made to video certain future presentations by Mike, second by Rob, passed unanimously.

Young Eagles Dinner Recap – Mariano's was excellent and several participating CAP people came to the event.

Chapter Insurance is \$259 for \$1M, \$593 for \$2M, and \$959 for \$3M, reported by Mike. Decision was deferred until Paul can determine if the chapter can increase the level of insurance during the year. Paul will poll the board members when he is able to make recommendations. An answer is needed by December 30.

Banquet – Our annual banquet is set up for February 25. Prices were given for various meals. The suggestion was made to subsidize the banquet meals, possibly trading off one scholarship for this funding. **A motion** was made by Mike to set the price at \$20 for each member and \$20 for one guest meal with the remainder subsidized with chapter funds; others would pay \$40 for each meal. Motion passed unanimously.

LITH Airport Event Coordination – Airport management would like us to consider supporting several airport events: Crystal Lake Dole Mansion event, and a runway running event (in conjunction with the LITH Parks & Recreation Department). These will be discussed in January and decided upon at the February board meeting.

Pedal Park – Rob reported that the Village is still interested in the pedal park at the airport and provided some details regarding logistics and sponsorships. The chapter would pay for and build the airplanes and the Village would be responsible for the remainder. A committee will be formed after Rob makes his presentation to the Village in January.

Youth Program – Rob reported he is setting up youth aviation activities in conjunction in the Crystal Lake High School district (3 schools) where students can take a state-approved after-hours credit course in aviation that takes its members through ground school and dovetails into flight training at Blue Skies Aviation. At a future meeting, Rob will present to the chapter what our potential involvement with this program might be. There may also be some insurance matters to look into.

December Board Meeting Minutes (cont.)

Board Appointments – Paul appointed his board of directions as Ole Sindberg, Lon Danek, and Ron Liebmann. The other board members are the officers consisting of Paul, Tom S, Tom L, and Rob.

Board members will continue sharing the guest speaker selection duties with a schedule to be determined at a later time.

Bud will continue Young Eagles chairmanship.

Tom S will begin doing the newsletter starting in January.

Tom L will continue as web editor.

Ole will remain as our event coordinator.

Rob will be our Youth in Aviation chairman (Pedal Park and Ground School).

Chapter logo – Rob will begin to develop an updated logo.

Chapter Christmas Party – This pot luck event will be held on our usual meeting date and we will have a brief presentation by a youth guest speaker.

Adjournment – A motion to adjourn was made by Rob, seconded by Mike, the motion passed unanimously. Meeting was adjourned at 2003 hours.

Submitted,

Mike Perkins, Secretary

Below are the new logo's which are being considered for the Chapter. These two were picked out of several submitted and are the final contestants. Lets us know which one you like the best if you have not already voted. Send your votes to Paul Ranieri "p.ranieri@comcast.net"

#1



#2



Send any of your aviation adventures, pictures, articles, humor or
For Sale items you would like to appear in the Newsletter to:

“tomsolar@sbcglobal.net”

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