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Time for 2019/2020 Indoor Flying

Monthly Meetings:

Most of the meetings are held at the EAA building at the Anoka County Airport, **first Friday of the month, unless it falls on a Holiday.** Directions, take 35 W north from Minneapolis to Highway 10 west. Note that there is a county road 10 just prior to Highway 10...don't take that road. Proceed west on **highway 10** to 93rd lane (Airport Road), and go right..north, to the bend in the road where you will see a gated entrance. Drive up to the gate and it will open. Proceed on the road until it Ts to the right. Go right until you see the EAA building. *The meetings start at 11:30AM or later?*

Upcoming 2019/2020 Events:

Friday December 6, Monthly meeting at EAA.

Friday January 3, Monthly meeting at EAA.

Sunday, January 19 Indoor Contest

Friday February 7, Monthly meeting at the EAA, and annual MMAC Auction!

Sunday, February 16, Indoor Contest

Friday March 6, Monthly meeting at EAA.

Sunday, March 15, Indoor Contest

Friday April 3, Monthly meeting at EAA.

April, next newsletter

December 6 Meeting: Bring some goodies to share!

We will be signing Christmas cards for our wonderful land owners who allow us to continue our free flight activities.

Ron Cota will be accepting dues for 2020 and has his list of those already signed up. Also Ron will have "Prize Cash" for our contest season of flying based on "high point scores".

Prez..News from the Shop..

By Dave Braun

Well, that's a wrap for the 2019 flying season. Seems like only yesterday we were snowed out in April (indoor) and blown/rained out for the June picnic contest. Another wet and windy one for the Oktoberflug and the outdoor season came to a crashing end. Fortunately, the indoor season opened on November 17 with a fair turnout at Christ the King church. See Dave Edmonson's full report for details. Stuff that I had flying reasonably well last year refused to cooperate this year which led to some frustration. Hit a few walls and my old/cold and much repaired Bostonian had a strong desire to repeatedly hit the hanging backboard structure. Some damage to the oft repaired front end means a new one is already in the works. The building season is upon us.

Speaking of which, as there is no December meet, it's a good time to spend some quality shop time getting ready for the January indoor meet or if you're so inclined, start on some of those projects for the 2020 outdoor season. Embryos and P-30s go together quickly and are very popular events. Also, a few hours and some decent wood will yield a fleet of cat gliders which are easy on aging arms. You can probably guess that I'm trying to encourage participation.

Pretty sure club elections are coming up at the next meeting but as my attendance as president this past year has been spotty at best, I'll defer the nomination (should one come my way) to others. I suspect a likely successor will trade-in his fishin' pole for the gavel when the time comes.

Oh, and to quote Frank Sinatra, "Dues are due, do dooby dooby do."

And Now for Something Completely Different:

Ever wonder about the weight/quality of that stack of balsa that your hoarding? I came across a handy formula in an old issue of the Free Flight Quarterly that works for 3" X 36" sheets which is generally the most common

size. Simply weigh the sheet in ounces (or grams, then convert to ounces) then multiply that times the number of thicknesses necessary to equal one inch. This will by voodoo magic give you the number of pounds per cubic foot. Confused? Ok, Lucy, lemme 'splain.

Say you weigh a piece of 1/16" X 3" X 36" and it comes out to 0.29 Oz. As it's 1/16" thick, multiply 0.29 X 16 and you'll get 4.6 lbs./cubic ft. Put that piece in the pile marked "sacred." Another piece might weigh 0.71 ounces. That comes out to 11.4 lbs./cubic ft., suitable for building a bird house or selling to Edmonson. Same for 1/8" but multiply times 8, etc.

Note from Gary Fezzler:

Electronic news letter is preferred for future issues, should have let you know that years ago! Thanks for keeping me on the list despite my lack of active involvement in MMAC. I really enjoy reading the newsletter and seeing what members are up to. As for me ... I have moved out of my (rental) town house in Blaine and Gail and I reside full time in a 33 foot Motor Home RV. On the 29th of Sep we will move into a 3 BR Beach Front CONDO on PERDIDIO KEY Florida just a little south and east of Pensacola. We will stay there for six months and in Apr 2020 pile into the RV again and head for Key West for a month or two. When it's "safe" to return to MN we will ramble back up to the Twin Cities and spend a few months visiting family and friends. Fall of 2020 looks like a trip from Chicago to LA via the storied ROUTE 66 and a winter stay in southern California. Summer of 2021 will again include a stop in the TC area to visit family etc. From there on we will shoot from the hip on travel plans with the main priority being avoidance of Snow and temperatures requiring footwear harder than flip-flops. People not familiar with Minnesota winters are really surprised to learn that we put beer in the fridge to keep it "warm" December through March ! Will keep you informed of future plans as they evolve.
Best Regards FEZ !

Prizes: Note from Dave Braun

It was agreed on that in lieu of physical prizes, (kits, wood, etc.) that there would a cumulative cash award of fifty cents per contest point to be paid at the end of the calendar year. Ex. If at the end of the year you have won fifty contest points you would receive \$25. This would allow those who fly only an event or two to receive something for their efforts. There are a few drawbacks, of course, but as the "prize committee" is currently in questionable health and difficult to communicate with we have taken this path. Also, it's not much fun. There's a kid in all of us that likes to win a prize. I suppose we could easily go back to the way things were if and when circumstances change and prizes again become available.

Greg Thomas latest scale project!

At our November meeting, the question was raised how is Greg doing on his latest **BIG PROJECT?**

I called Greg to see how he was doing on it, and received some beautiful pictures, with total completion less a finished prop. The replica of the Hazel Sig.... Cub has been the culmination of the last 1 1/2 years of skillful work. Greg creates 3D cad models in great detail, and then engineers the construction. This is a 56" wingspan rubber powered model for FAC competition weighing only 300 grams (11 ounces) without prop and rubber, very light weight for the size, and yet with supreme scale detail. I asked for a small article, and received a 13 page document detailing construction methods. I am sending this to members on the email list, but you may also view it on the NFFS club newsletter link: <https://freeflight.org/community/club-newsletters/>

Meeting Minutes:

September 6, 2019 7 members in attendance

Reviewed indoor schedule, and added an April session. Also agreed to expand the light weight event to any AMA indoor class. Dave Braun brought in a new Coupe model and Edmonson showed his old Hustler models again.

October 4, 8 members in attendance

April 19 was added to the indoor schedule. Edmonson brought in the CLG that had been found by Kevin Mann in a far away field and carefully stored for pickup at a later date.

November 1, 2019 10 members in attendance

Gary Oakins and O'Leary visited Joe Huettle the prior week. The club decided that there was no need to renew a state sales tax license. Also discussed AMA licensing of club members, no decision. Prizes for 2020 to remain the same as 2019 with cash based on club points. Garry Peterson showed a Bostonian model just completed, and Edmonson showed some all balsa RC high start gliders.

End of the calendar year for 2019. Includes indoor and all outdoor points. The first place for an event is 3 points if there are 3 or fewer entrants in an event. If there are more than 3 entrants, last place gets one, and it goes up from there. More entries, more points!

2019 Club high point scores:

2019 Points	L-NAME	F-NAME
91	Braun	Dave
57	Ringlien	Andy
1	Oakins	Gary
8.5	Dona	Gordon
7	Berggren	Don
126	Edmonson	Dave
54	Jorgensen	Jim
3	Hansen	Dean
11	Kuhl	Bill
62	Decker	Matt
14	Ringlien	Larson
12	Ladwig	Jim



