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Let's Go Outdoor Flying.....2020

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 Events:

Friday May 1,

Cancelled the Monthly meeting at EAA.

Sunday, May 17, MMAC Fun Fly,

North Branch

Friday June 5, Monthly meeting at EAA.

Sunday, June 7, MMAC Picnic Contest,

North Branch

Friday July 3, Monthly meeting at the EAA

Sunday, July 12, MMAC Summer Contest,

North Branch

Friday August 7, Monthly meeting at EAA.

Sunday, August 9, MMAC Almost Silent,

North Branch

Friday September 4, Monthly meeting at EAA.

Prez Notes

Greetings from Isolation Zone 7 located 6 feet away from anything. As the majority of the MMAC is of an age considered vulnerable, I hope all are well and taking the necessary precautions.

As we know, our indoor season came to an abrupt halt due to the virus so our March and April sessions were no-goes. A balky bostonian and an unpredictable parlor mite will have to wait until next year to get sorted out. But on the bright side, our outdoor season will soon be upon us and I don't believe there will be any issues to hold us back, so get those winter projects wrapped up.

Been reading a bunch and watching a lot of Gunsmoke re-runs, you know, the old ones with Chester and Doc. Oh, and Miss Kitty. Now I know why my dad tuned in every week.

My daily mantra is "maybe I should clean the shop," so down I go only to be waylaid by free flight videos (and other crap) on YouTube. But I have resumed work on a Hawker Fury that's been on the back burner for a while and intend to get back to an Aeronca Sedan that's gathering dust.

Short column this time as there is not much to say. Hopefully this thing will pass sooner than later and we can return to normal, whatever that is. I've been socially distant for years so it's pretty normal for me anyway. Stay safe.

Time to clean the shop. Or not?

Prez Dave Braun

Meeting Minutes:

December 6, 2019 9 members in attendance

Gary Oakins brought in thank you cards for Central Turf and Mann Farms along with gift.

We forgot to do our elections for 2020, so everyone is stuck for another year. Christmas sweets were brought in and the animals were content! Outdoor schedule for 2020 approved. Tom Gustafson brought in 2 tip launch gliders in process, Discus Kid design, viscous timers from defunct A2Z. Don Monson brought in a quadcopter that failed to become airborne.

January 3, 2020 11 members in attendance

News of Tony Saunderson passing, long time MMAC club member. Meetings scheduled with EAA for 2020. Officers for 2020 by mousy acclaim. Don Patterson passed away in 2019, and his son was looking for help with model supply disposal. Show and tell: Gustafson brought in his beautiful completed tip

launch gliders. Dave Braun a new Bostonian. Edmonson showed a Bukin FIG from 2006. Gene Huber showed some modeling tools, and shared that he loves to half construct stuff.

February 7, 2020 15 members in attendance

Short business meeting followed by annual auction, Jack O'Leary and Greg Thomas doing the honors. \$304 purchased the multi table treasures.

March 6, 2020 12 members in attendance

Dona brought in a pre-built rubber model as purchased by the Seattle Club, 26" wingspan, wanted to know if interest in another Butterfly event? Oakins talked with Jim Juhl in Florida. Club sanctions, charter, and insurance signed and sent to AMA for 2020. Don Monson showed a neat lighter for fuses, but doesn't remember where he got it...Walgreens.

April 3 and May 1 meetings were called off by China



Above from Dave Braun in April: With meetings currently on hold, I thought I'd bring show and tell to the club members via the miracle of Al Gore's internet. When not reading or staring out the window, I'm usually in the shop building or procrastinating as the mood fits. One of the fits resulted in the following:

For some unknown reason I've always wanted to build a Moffett in spite of the fact that it's a somewhat obscure category and is not an event on our summer schedule. Event rules are a bit restrictive and cumbersome which usually result in some distinctive designs. So, ruler, T-square, and pen in hand I designed the following effort: "Mr. Natural." (as in no frills) Twin fins and lotts checks. Wing art courtesy of R. Crumb

Length: 30" Projected Span: 33" Wing Area (Projected) 139.3 sq. in. Stab plus wing area: 188.5 sq. in. Prop: 15 d X 17 p

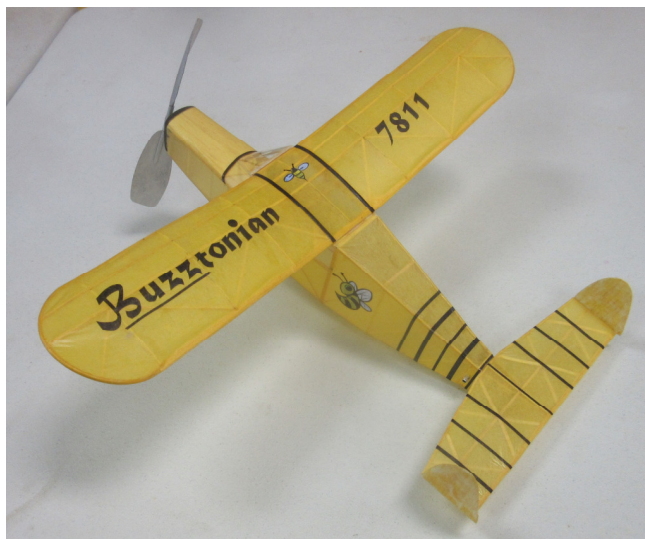
Minimum required wt based on the above specs: 69.7 grams

Actual wt: 71 grams. Will probably use 3 loops of 1/4" SS X 24"

The following point totals are for 2020. First two indoor sessions. 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!

2020 Club high point scores:

2020 Points	L-NAME	F-NAME
25	Braun	Dave
18	Ringlien	Andy
	Oakins	Gary
	Dona	Gordon
4	Cota	Ron
	Gustafson	Tom
	Berggren	Don
	Peterson	Garry
33	Edmonson	Dave
16	Jorgensen	Jim
	Mendenhall	Dale
	Kuhl	Bill
23	Decker	Matt
	Ringlien	Larson
10	Ladwig	Jim



Dave Braun's cute new Buzztonian!

Dave really loves his twin fin models.

They certainly do fly nicely!

Sunday, January 19, 2020: Indoor Session (notes by Edmonson)

7 of the hardy MMAC flyers arrived, 5 to compete, and 2 to spectate and time. We had a subdued contest with many good flights and a good time again. The final results were very close with the exception of Jim Jorgensen who is recovering from back surgery, and was not into ROGing his Phantom Flash and FireFly models. So the results were decided by who did not get the bad bounce off the ceiling rafters and who had the energy to fly the most events.

Dave Braun and Andy Ringlien could have surpassed their records if they had given it another try, but decided to leave it for another time? Andy Ringlien came up with a clutch flight with his HLG beating me by a second....I wonder if my tenths would have added up, but were not scored, and then there was my last good launch that just skimmed the beam after a nice transition...excuses? Matt Decker tested a new No-Cal at the end of the contest, and it looks like Braun will be challenged in the future? Thanks to Ron Cota for arranging for this nice facility, I don't think that any models have been lost to date, and for his generous timing of events. It is a great low ceiling arena, 18 ft 2" to the bottom of the beams, with another 3 feet if you can work between, and provides for a fair competition.

No-Cal				Total	
Entrant					Place
Dave Braun	91	92	86	269	1
Matt Decker	65	64	71	200	2

Phantom Flash				Best 3	
Entrant	#1	#2	#3	Total	Place
Andy Ringlien	56	61	59	176	1
Dave Edmonson	52	54	63	169	2
Dave Braun	53	47	51	151	3
Matt Decker	31	30	25	86	4

FireFly					
Entrant	#1	#2	#3	Total	Place
Andy Ringlien	55	51	74	180	1
Matt Decker	48	53	37	138	2
Dave Edmonson	24	40	44	108	3

Butterfly				
Entrant	#1	#2	Total	Place
Dave Edmonson	71	78	78	1

Scale						
Entrant		#1	#2	#3	Total	Place
Matt Decker	Leningrader	48	45	45	138	1
Dave Braun	Farman 400	35	48	28	111	2
Jim Jorgensen	Vagabond	13	13	20	46	3
Andy Ringlien	Lacey M-10	13	13	18	44	4

Bostonian			Total	
Entrant	#1	#2		Place
Matt Decker	44	36	80	1
Dave Braun	24		24	2
Dave Edmonson	10		10	3

HLG/CLG (best 2)				
Entrant	#1	#2	Total	Place
Andy Ringlien	19.4	21.6	41.0	1
Dave Edmonson	21	19	40	2
Dave Braun	13.6	14.1	27.7	3

Lightweights				
Entrant	#1	#2	Total	Place
Dave Edmonson	278		278	1
Dave Braun	125	128	128	2

Entrant	Points
Dave Braun	13
Dave Edmonson	13
Matt Decker	12
Andy Ringlien	11
Jim Jorgensen	2



Look at the intensity of concentration at our January 19, 2020 indoor session.

Top picture: Dave Braun winding his new Bostonian. First outing, survived initial boinks.

Middle: Matt Decker winding his winning Leingrader peanut scale model, holds club rubber scale record of 155 seconds for 3 flight total. Matt really makes these small rubber models fly great! If Matt had opened up his Butterfly box and flown one flight, he would have topped the score totals. Butterfly box just sitting there on the right side of the picture with yellow printing.

Bottom picture: Andy Ringlien tests his new Lacy M-10 peanut scale. Survived a rocket climb to the beams, and resulting dive, Oakins would have cheered the climb!

Andy carries on the craftsmanship of his dad Warren, and his models even look better, and his record keeping notes make him very competitive.

His organized model box is disgusting.



Tom Gustafson displays one of his two new tip launch gliders, Discus Kid.

Sunday, February 16, 2020: Indoor Session (notes by Edmonson)

Once again, 7 eager indoor flyers attended to take advantage of the calm weather conditions at the church gym. I arrived a half hour early, and found the gym setup with tables and chairs and Braun, Decker, and Jorgensen already putting up flights.

Jorgensen's Firefly continues to fly well and topped his previous record by 13 seconds. Braun also upped his No-Cal record by 35 seconds, and Edmonson was able to put his CLG high enough between the beams to add almost a second to that record. Young Jim Ladwig continues to impress with high scores in 3events. Matt Decker's Leningrader continues to dominate the scale event. Andy Ringlien made the trip up from Northfield again with his trusty helper Ashley, and was distracted with a bunch of new models not quite trimming out on the first flights, watch out next time! I almost lost my trusty little Mini-Stick model on the top of a beam, but luckily it poked its' nose just over the far edge so that it could be retrieved. After dislodging it continued to fly for 4 minutes bouncing around and almost getting hung up again. Like Oakins would have said, your recent health problem was probably caused by that lucky horseshoe stuck in there.

No-Cal				Total	
Entrant					Place
Dave Braun	91	103	102	296	1
Jim Ladwig	65	67	75	207	2
Matt Decker	59	74	65	198	3
Andy Ringlien	44	35	54	133	4

Phantom Flash				3	
Entrant	#1	#2	#3	Total	Place
Dave Edmonson	58	59	67	184	1
Jim Jorgensen	55	55	50	160	2
Jim Ladwig	36	49	64	149	3
Andy Ringlien	29	52	28	109	4
Dave Braun	48	29		77	5
Matt Decker	23	22		45	6

FireFly					
Entrant	#1	#2	#3	Total	Place
Jim Jorgensen	62	65	66	193	1
Matt Decker	17	39	46	102	2

Scale						
Entrant		#1	#2	#3	Total	Place
Matt Decker	Leningrader	39	49	41	121	1
Jim Jorgensen	Vagabond	16	27	24	67	2
Dave Braun	Farman 400	31	16	12	59	3
Andy Ringlien	Lacey M-10	9	23	11	43	4

Bostonian			Total	
Entrant	#1	#2		Place
Dave Edmonson	32	39	71	1
Matt Decker	28	40	68	2

HLG/CLG (best 2)				
Entrant	#1	#2	Total	Place
Dave Edmonson	20.8	21.2	42.0	1
Andy Ringlien	17.4	18.5	35.9	2
Dave Braun	12.7	13.3	26.0	3

Butterfly				
Entrant	#1	#2	Total	Place
Dave Edmonson	73	82	82	1
Ron Cota	67	60	67	2
Jim Ladwig	56	59	59	3
Jim Jorgensen	44		44	4
Matt Decker	21	38	38	5

Lightweights				
Entrant	#1	#2	Total	Place
Dave Edmonson	255		255	1
Dave Braun	92	107	107	2
Jim Jorgensen	44		44	3

Entrant	Points
Dave Edmonson	20
Jim Jorgensen	14
Dave Braun	12
Matt Decker	11
Jim Ladwig	10
Andy Ringlien	7
Ron Cota	4

Minneapolis Model Aero Club

2020 Outdoor Free-Flight Contest Schedule

Events: Free Flight Events per AMA, NFFS, MMAC, and FAI rules

All Contests are held at The Sod Farm, North Branch, Minnesota: 40 miles North of the Twin Cities on US 35, 1 mile east on MN 95, left on County Road #30 (stop light in the center of town), north approx 2.5 miles, right on 420th Street (continue east 2 miles to road just prior of Central Turf Sign, south to field). Must be an AMA

member, and NFFS membership encouraged. **GPS coordinates: 45.54997, -92.92455**

Call or email Dave Edmonson for more detailed directions or contest questions:

Tele: 612-220-5239 email: dedmonson@comcast.net

Sunday, May 17 "Fun Fly" Fly your favorites or new models!

Sunday, June 7 "MMAC Picnic Contest" Don Monson, CD (651-457-2321)

#1. Junior Event #2. HLG #3. CLG #4. HoSoFo #5. P-30 #6. Large Rubber
#7. Small Gas #8. Large Gas #9. Embryo-FAC #10. Rubber Scale Event
Flying until 3:00 PM Picnic afterwards

Sunday July 12 "Summer Meet" Dale Mendenhall, CD (763-535-2976)

#1. Junior Event #2. HLG #3. CLG #4. HoSoFo #5. P-30 #6. Large Rubber
#7. Small Gas #8. Large Gas #9. Embryo-FAC #10. Towline Glider 11. Jimmy Allen

Sunday, August 9 "Almost Silent Meet" Gary Oakins CD (651-429-3150)

#1. Junior Event #2. HLG #3. CLG #4. P-30 #5. HoSoFo #6. Large Rubber
#7. Small Gas #8. Large Gas #9. Embryo-FAC #10. Towline Glider 11. Rubber Scale Event

Sunday, September 6 "Fall Mini Model" Dave Edmonson CD (612-220-5239)

#1. Junior Event #2. HLG #3. CLG #4. HoSoFo #5. P-30 #6. ¼ Nos Gas/.020 Rep
#7. Gas #8. SAM OT Rubber #9. Embryo-FAC 10. Jimmy Allen

Sunday, October 4 "Oktoberflug" Dave Braun (651-731-6179)

#1. Junior Event #2. HLG #3. CLG #4. HoSoFo #5. P-30 #6. Large Rubber
#7. Gas #8. Embryo-FAC #9. Towline Glider #10. Rubber Scale Event

Note: Entries accepted until 2:00 PM. For all contests, 3 scoring flights, and no rounds. You may enter multiple class models in an event if desired (additional class model only). Class 3 field, all maxes except for flyoffs to be 2 minutes, or 90 seconds if the wind is above 12mph at the start of the contest. Combined events, please specify "EXACT" NFFS event for points on score sheet.

1. Large Rubber: Any rubber model including SAM oldtimers.
2. Small Gas: .061 or less size gas powered model. 7 sec engine for AMA and Classic, 9 for Nos, 5 for any FAI model..
3. Large Gas: Larger than .061 size gas powered model. 7 sec engine for AMA and Classic, 9 for Nos, 5 for any FAI model..
4. Towline Glider: Any A-1, A-2, F1H, F1A, or Classic Towline (50 meter towline length)
5. HoSoFo: Fly any event, 3 flight total, specify model type if you want NFFS points.. In memory of Herman Fessler.
6. Rubber Scale, any size or class