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# Minneapolis Modeler

Issue #333 April thru June, 2013

Dedicated to the encouragement and advancement of Free Flight
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# *Outdoor Season: Come out to July 21 Summer Meet!*

## *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***

## *Upcoming 2013 Events:*

***Friday July 5, Monthly meeting at the EAA.***

***Sunday, July 21, Summer Meet at North Branch including small mulvihill***

***Friday August 2, Monthly meeting at the EAA.***

***Sunday, August 18, Almost Silent Meet***

***Friday September 6, Monthly meeting at the EAA.***

***Sunday, September 15, 2013 North Branch, Fall Mini-Model Contest***

***Late September, next newsletter***

***Friday October 4, Monthly meeting at the EAA.***

## OAKIE'S ORACLES

Summer is finally here after a cold and wet spring. Our May contest was blown out two weeks in a row. There will be no more postponing the contests for a week or two. If we're blown out the meet will be cancelled.

Fellow MMAC members, we have one of the best flying sites in the country. Please come and fun fly, compete at the contests, B.S., drink beer, or whatever. Bottom line is to enjoy our flying field.

Weekly club breakfast, starting July 17, we will meet every Wednesday, 7:30AM, Manning's Café, 2200 Como Ave. S.E., Mpls. All welcome, any questions call Bob Woodhouse (952) 200-7721, or yours truly, (651) 429-3150.

Fun Fly. If the weather is nice the Fridays we have a meeting, throw some planes in your car and we'll slip up to the sod farm that afternoon. I promise you will have a good time!

The club party will happen this fall. The head chef at the Big Ten Club will smoke some ribs for the event. We can have the same room we used for our 75th party. Plans are to schedule the event for a Saturday afternoon so all can attend. Details to follow.

The Outdoor FF Nats are early this summer, July 8-12. The best modelers will attend and fly for the best FF competition in our country. It would be great if more MMAC members could attend.

I'll see you at the meetings and the sod farm.

Thermals. Gary.

# 2013 Club high point scores:

The following point totals are for 2013. Includes November, 2012 thru June 16, 2013 indoor and outdoor points.
The points are accumulated through the contests for the year. 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.

| 2013 Club Points | | |
|---|---|---|
| 2013 Points | L-NAME | F-NAME |
| 4 | Petersen | Aaron |
| 5 | Ringlien | Andy |
| 17 | Watkins | John |
| 20 | Oakins | Gary |
| 21.5 | Ringlien | Jeff |
| 16.5 | Dona | Gordon |
| 3 | Ringlien | Hannah |
| 2 | Kubes | Tony |
| 35 | Thomas | Greg |
| 5 | Gustafson | Tom |
| 0 | Berggren | Don |
| 5 | Oakins | Steve |
| 57 | Edmonson | Dave |
| 0 | Ringlien | Larson |
| 5 | Leitgen | Steve |
| 3 | O'Leary | Jack |
| 5 | Jorgenson | Jim |
| 7 | Mendenhall | Dale |
| 3 | Tiwari | Rahul |
| 5 | Edmonson | Ryan |
| 10 | Griffiths | Bob |
| 4 | Taylor | Terry |
| 4 | Woodhouse | Bob |

# Meeting Minutes

**Per Dale: April 5, 2012**
**20 members present at meeting,**

The meeting began at 12:00. The March indoor session was well attended. Proposed a small mulvi event for the July contest using 20 grams of rubber. Show and tell, Tom Gustafson brought in a Coupe model under construction. He also showed a nice model box, and demonstrated foam cutting for an undercambered wing. Gene Loudon showed some building aids for cutting and pinning parts. The Okie Bird kit was raffled and won by Terry Taylor.

**Per Dave: May 3, 2013, 18 members present at meeting.**

Minutes and treasurer report given. Small mulvihill rubber event at July contest in place of large rubber class.

Rib fest at Big Ten is being planned for this Fall.

When going to North Branch Central Turf site for test flying, please check in at the office at the north end of the field first and ask for permission to fly!

Show and tell: Tom Gustafson showed a new built up Coupe size model that can also be flown in small mulvi.

Greg Thomas brought in another of his beautiful scale models.

**Per Dave: June 7, 2013, 13 members present at meeting.**

Secretary report and treasurers report read. CD to be put into the general fund since it isn't making anything.

Bill Hoffman, died this past month, he worked with Del Marchant.

The club is to purchase the 2013 NFFS Symposium for the club library. Tom Gustafson to make a club intro sheet to post in local hobby shops. Thanks Tom!

Aaron P. discussed his concern about model drones, and will send a letter to the AMA

John Watkins showed his electronic timer DT setup.

***Dues for 2013 are due, if you have not paid yet, please pay at the next club meeting!***



The MMAC's top notch sunfisher and sunfish cooker at work at the Picnic Contest. Everyone enjoyed Gary Oakins tasty fillets of sunfish, at least, all who got there on time!

## *March 22, 2013* Indoor Session
## CD: Gary Oakins

| Phantom Flash | | | | | |
|---|---|---|---|---|---|
| Entrant | #1 | #2 | #3 | Total | Place |
| John Watkins | 87 | 112 | 121 | 320 | 1 |
| Greg Thomas | 88 | 95 | 96 | 279 | 2 |
| Steve Leitgen | 79 | 80 | 46 | 205 | 3 |
| Gary Oakins | 29 | 47 | 40 | 111 | 4 |
| Jeff Ringlien | 58 | 60 | 66 | 184 | 5 |

| Butterfly | | | | | |
|---|---|---|---|---|---|
| Entrant | #1 | #2 | #3 | Best | Place |
| Gary Oakins | 87 | | | 87 | 1 |
| Terry Taylor | 55 | 85 | | 85 | 2 |
| Tom Gustafson | 74 | 77 | | 78 | 3 |
| Dale Mendenhall | 59 | 30 | 72 | 72 | 4 |
| Bob Woodhouse | 81 | 16 | 85 | 85 | 5 |

| Bostonian | | | | | |
|---|---|---|---|---|---|
| Entrant | #1 | #2 | #3 | Total | Place |
| Bob Griffiths | 51 | 42 | 26 | 141 | 1 |

| Peanut Scale | | |
|---|---|---|
| Entrant | Total Time | Place |
| Jeff Ringlien | 2+1 | 1 |

## *April 26, 2013:* Indoor Session
## CD: Dave Edmonson

| Phantom Flash | | | | | |
|---|---|---|---|---|---|
| Entrant | #1 | #2 | #3 | Total | Place |
| John Watkins | 67 | 107 | 107 | 281 | 1 |
| Gordon Dona | 76 | 97 | 102 | 275 | 2 |
| Dave Edmonson | 72 | 93 | 89 | 241 | 3 |
| Gary Oakins | 71 | 58 | 61 | 190 | 4 |
| Bob Woodhouse | 38 | 35 | 57 | 130 | 5 |
| Jeff Ringlien | 36 | 34 | | 70 | 6 |
| Jack O'Leary | 53 | | | 53 | 7 |

| Butterfly | | | | | |
|---|---|---|---|---|---|
| Entrant | #1 | #2 | #3 | Best | Place |
| Dave Edmonson | 93 | 120 | | 120 | 1 |
| Greg Thomas | 97 | 94 | | 97 | 2 |
| Tony Kubes | 64 | 66 | 92 | 92 | 3 |
| Gary Oakins | 84 | 58 | | 84 | 4 |
| Jeff Ringlien | 72 | 76 | 72 | 76 | 5 |
| Gordon Dona | 76 | 48 | | 76 | 5 |
| Dale Mendenhall | 25 | 30 | 64 | 64 | 7 |
| Bob Woodhouse | 46 | 40 | | 46 | 8 |

| Phantom Mass L.<br>6 entries | | |
|---|---|---|
| Entrant | | Place |
| Greg Thomas | 95 | 1 |

| Bostonian | | | | Best | |
|---|---|---|---|---|---|
| Entrant | #1 | #2 | #3 | Total | Place |
| Bob Griffiths | 38 | 48 | 54 | 54 | 1 |
| Jack O'Leary | 22 | 38 | 22 | 38 | 2 |

| Catapult Glider | | | | |
|---|---|---|---|---|
| Entrant | #1 | #2 | Total | Place |
| Krystal | 19 | 18 | 37 | 1 |
| Janice | 18 | 19 | 37 | 1 |
| Greg Thomas | 16 | 19 | 35 | 3 |
| Dave Edmonson | 14 | 19 | 33 | 4 |

| Peanut Scale | | |
|---|---|---|
| Entrant | Total Time | Place |
| Jeff Ringlien | 2+1 | 1 |

| No-Cal<br>2 entries | | | | Total | |
|---|---|---|---|---|---|
| Entrant | | | | | Place |
| Gordon Dona | 65 | 108 | | 173 | 1 |
| Dave Edmonson | 28 | 42 | 26 | 96 | 2 |

# ***2012-2013 Indoor Season Re-Cap***

Phantom Flash was scheduled at all of the sessions. It was entered a total of 27 times for an average of 5.4 entries per sessions. Butterfly was scheduled at 3 sessions with an entry of 18 with an average of 6. Twenty Butterfly models were ordered and all were purchased, and all were flown with great success. As a matter of fact, our powerhead even won the second contest with a flight of 87 seconds!

The $5 site fee covered all of our sessions with a little left over, even with zero cost to the junior flyers. Bob Woodhouse did a wonderful job of scoring the contests and doling out prizes. Thanks Bob for your efforts, and it was great to see you competing in Phantom Flash and Butterfly with a smile and enthusiasm!

John Watkins achieved a milestone this season with a 2:01 flight in Phantom Flash. He has a new model that is supposed to weigh 3 grams. My prop alone weighs 3 grams, so maybe he can bring in his model for a demonstration of how much each component weighs and how he achieves this weight. Gordon Dona also brought out a new model to the final session and did 1:47 with it. Watch out for Gordon next year!

Bob Griffiths was unbeatable in Bostonian. He had several flights of 50+ seconds in the small armory. Getting the Bostonian to center in the small armory and 22 foot ceiling is difficult!

Greg Thomas won most of the Phantom Flash mass launch contests. He also did a great job of mentoring the juniors in the Science Olympiad CLG event. As a matter of fact, he did such a good job that they beat him in the final contest. Krystal and Janice showed great talent in this event flying Greg's design. Perhaps Greg can publish this design in the MMAC newsletter so that us old guys have a chance too?

It was nice to see Terry Taylor back out flying indoor with us, and Tony Kubes seemed to have fun flying the Butterfly models. Tony scored a 92 second flight which was good for third place amongst the 8 entries.

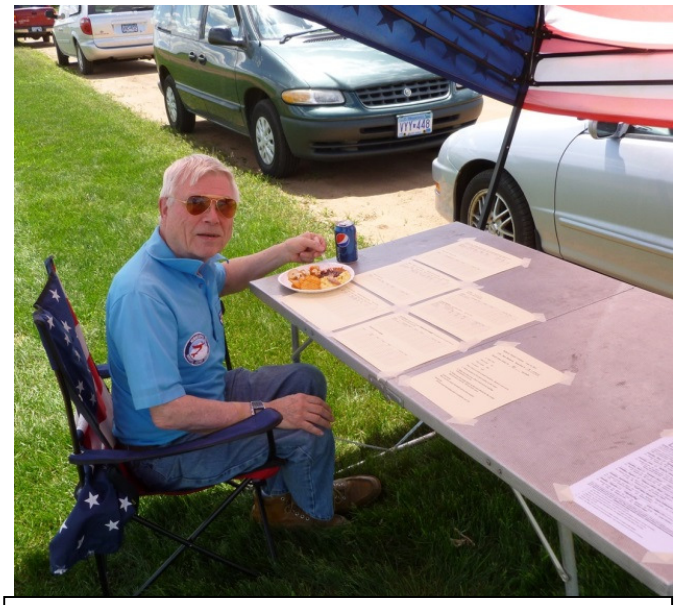
The other indoor events, No-Cal, Peanut Scale, and Mini-Stick showed minimal popularity with only a couple entries at a session. As a matter of fact, Peanut Scale was scheduled 3 times with only 3 entries total, all by Jeff Ringlien.

For the 2013-2014 Indoor season, maybe our members can come up with some more suggestions for events that they would like to participate in!

I think we all had fun flying indoor, and thank you to Jack O'Leary for working out the schedule and working with the Bloomington Armory people. It was also fun to see the custodian flying the Butterfly model that we gave him. He was so enthused, that at the last session he had all of the tables and chairs set up for us old guys, and EVEN put them away while we packed up!



Tom Gustafson brought his wife and daughter to the Picnic Contest! Since we scheduled it by mistake on Father's Day, it gave Tom a good excuse to get them to come!



Picnic Contest Director Don Monson enjoying the picnic.

# Minneapolis Model Aero Club

## 2013 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**

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### *Sunday, July 21 "Summer Meet" Dale Mendenhall, CD* (763-535-2976)

**#1. Junior Event #2. HLG #3. CLG #4. HoSoFo #5. P-30 #6. Small Mulvi Rubber**
**#7. Small Gas #8. Large Gas #9. Embryo-FAC**

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### *Sunday, August 18 "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. Gas #8. Embryo-FAC #9. Towline Glider**

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### *Sunday, September 15 "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**

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### *Sunday, Oktober 13 "Oktoberflug" Gary Oakins CD* (651-429-3150)

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

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**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. Gas: Any size gas powered model. 7 sec engine for AMA and Classic, 9 for Nos, 5 for any FAI model..
3. Small Gas: Any model powered by 061 or less, 7 sec engine for AMA and Classic, 9 for Nos.
4. Large Gas: Any model larger than Small Gas 7 sec engine for AMA and Classic, 9 for NOS, 5 sec for any FAI model
5. Towline Glider: Any A-1, A-2, F1H, F1A, or Classic Towline (50 meter towline length)
6. HoSoFo: See MMAC newsletter for event description. Gary Fessler sponsored in memory of Herman.



Prize Committee Professor Bob Woodhouse digs in after handing out the prizes. Thanks for your dedication Bob!

## ***Spring Meet, May 26, Jim Ladwig, CD***

The meet was scheduled for May 19, and just a few of us showed up along with CD Jim Ladwig. It appeared to be very windy, and rain was forecast, so we agreed to postpone until the next Sunday. May 26 was not all that much better, but we decided to fly anyhow since the whole Spring had been VERY poor in general. Although Gary Oakins had called those whom he thought would have interest in the following weekend, we had another poor turnout. However, Gordon Dona was able to attend and bring his father Jack with. Flew to 90 second max because of wind.

| HLG | | | | | |
|---|---|---|---|---|---|
| Entrant | #1 | #2 | #3 | Total | Place |
| Dave Edmonson | 27 | 64 | 87 | 178 | 1 |
| Gordon Dona | 42 | 54 | 52 | 148 | 2 |

| CLG | | | | | |
|---|---|---|---|---|---|
| Entrant | #1 | #2 | #3 | Total | Place |
| Dave Edmonson | 48 | 31 | 33 | 112 | 1 |
| Gordon Dona | 23 | 35 | 32 | 95 | 2 |

| Small Gas | | | | | |
|---|---|---|---|---|---|
| Entrant | #1 | #2 | #3 | Total | Place |
| Dave Edmonson | 90 | At. | | 90 | 1 |
| Gary Oakins | 14 | | | 14 | 2 |

## ***Picnic Contest, June 16, 2013, Don Monson, CD***

The meet started out with moderate winds, and they picked up to 15 plus by noon. Once again the max was set at 90 seconds, and long flights were landing 2 fields down from the launch point. All flying had ceased by 12:30 PM, so we agreed to begin our picnic. We called Gary Fessler, but could not get through, and he arrived just after all but a few scraps of fish were left. Once again, Gary Oakins, our master fisher and chef, amazed everyone with his delicious fish fry. As a matter of fact, my grandson Joshua agreed to come along because he heard in advance that Gary would be doing fish for the picnic. Aaron Petersen arrived early at the contest to take advantage of morning wind conditions, and flew his Vagabond with 3 nice flights, and also his Miss Canada large rubber model. He also brought with some wonderful potato salad. Steve Oakins did a nice job of flying CLG with an almost perfect score. Gary Oakins did achieve perfection in large rubber flying his small mulvi model. The first HoSoFo competition found Tom Gustafson with a perfect score, winning a bag of goodies bringing comments like, boy, next time I will try first to score well in that event! A pound of Tan II rubber, monokote iron, a planer, and a Zaic book!

Greg Thomas made the trip to North Branch, but drove right by the field and continued until 420$^{th}$ dead ended. I hope no one else is missing our contests because they can't find us! I have my cell phone on and you can always reach me at 612-220-5239. Let's make a better showing at the Summer Contest!

| HLG | | | | | |
|---|---|---|---|---|---|
| Entrant | #1 | #2 | #3 | Total | Place |
| Dave Edmonson | 90 | 53 | 90 | 233 | 1 |
| Steve Oakins | 90 | 48 | 33 | 171 | 2 |
| Tom Gustafson | 35 | 30 | 35 | 100 | 3 |

| CLG | | | | | |
|---|---|---|---|---|---|
| Entrant | #1 | #2 | #3 | Total | Place |
| Steve Oakins | 90 | 90 | 82 | 262 | 1 |
| Dave Edmonson | 31 | 37 | 36 | 104 | 2 |

| Large Rubber | | | | | |
|---|---|---|---|---|---|
| Entrant | #1 | #2 | #3 | Total | Place |
| Gary Oakins | 90 | 90 | 90 | 270 | 1 |
| Dave Edmonson | 90 | 88 | 90 | 268 | 2 |
| Aaron Petersen | 90 | 78 | 90 | 258 | 3 |

| HoSoFo | class | | | | | |
|---|---|---|---|---|---|---|
| Entrant | | #1 | #2 | #3 | Total | Place |
| Tom Gustafson | Classic towline | 90 | 90 | 90 | 270 | 1 |
| Dave Edmonson | Classic towline | 80 | 90 | 90 | 260 | 2 |
| Aaron Petersen | rubber | 71 | | | 71 | 3 |

| Vagabond Scale | | | | | |
|---|---|---|---|---|---|
| Entrant | #1 | #2 | #3 | Total | Place |
| Aaron Petersen | 48 | 61 | 79 | 188 | 1 |