

# THE MAX-OUT

## Newsletter of the Magnificent Mountain Men

AMA CHARTERED CLUB #177

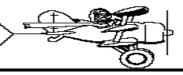


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Editor: Rick Pangell 6994 So. Prescott St. Littleton, CO 80120 Ph: 303-798-2188 Visit our website at: www.themmmclub.com or E-mail us at: themaxout@aol.com

And, join the web group at:http://groups.yahoo.com/group/MMMFreeFlight/

2018-02 (March-April)



#### PONDERINGS DEP'T

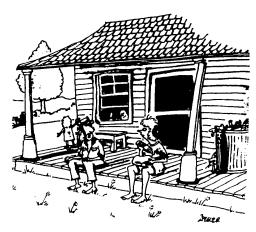
Friendly reminder the outdoor season is starting April 29<sup>th</sup>. The first Scramble!

And... don't forget to get your AMA license up to date. You can't fly on the field without one, and while you are at it, pay your dues too. Dues are only \$40 for us adults with an AMA license.

Our bylaws require all members to have an AMA license. Our trusty secretary is going to reconcile the roster so be up to date.

And just because... join the NFFS while you are at it. All of those pesky questions you have about Free Flight building and flying are in the digest and available on the NFFS website.

New note: the Meetings in Castle Rock are now on the Second Thurdsay!!!



"Ma ... time to cash in some of that egg money to join up again!"

#### "Ochroma lagopus in perpetuum"

Thermals!, or heat from the lights, or whatever...

Rick

"The MAX-OUT" newsletter is printed "periodically" about the second or third (?) week of the month. Submissions should be not later than the end of the prior month.

#### TO JOIN THE CLUB OR SUBSCRIBE

• Full membership is offered to any current AMA member: \$40.00

• Newsletter Subscription Only: \$15

• Send \$ to:

Chuck Etherington 33946 Goldfinch Dr. Elizabeth, CO 80107-7419

#### MMM Club Officers and Contact List

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**Vice President:** 

John McGrath 719-963-9227

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Chuck Etherington 720-201-6218

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**Website Coordinator:** 

Rick Pangell 303-798-2188

**Club Records Monitor:** 

Don DeLoach 719-964-7117

**Club Points Monitor:** 

Jeff Pakiz 303-337-9188

Flying Site Oversight:

Pete McQuade 719-522-1239

**Newsletter & Other Stuff:** 

Rick Pangell 303-798-2188

## MMM MONTHLY GET TOGETHER MTG!

Every Second Thursday at 7:00 PM, Dinner at the Castle Cafe in Castle Rock. Check with the Yahoo web group for info.

Operating the club and providing you with great flying opportunities whether indoor and outdoor, it does cost money and we solicit contributions to help offset that cost. You can donate directly to Chuck Etherington or use the MMM Paypal opportunity noted below.

# Motorcycle Use on the Field Policy:

Follow the roads wherever possible Take the shortest path possible to the plane in order to retrieve it. Avoid riding through noxious weeds.

# MMM Now accepts "PAYPAL" for Dues, Contest Entry Fees, Etc!!

- Simply Log in to paypal.com (or create your own 'PAYPAL" account if you want)
- Click on "Send Money" in the upper menu bar
- In the "To" block, type in <u>mmmffclub@gmail.com</u>, the amount, and click the button "Services"
- In the next form where you confirm payment, in the Lower "Subject" and "Message" boxes state what the money is for... annual dues, entry fees and such.

#### PRESIDENT'S CORNER

Pete McQuade



It's hard to believe that our first outdoor Scramble is next month! We've had a great **Indoor Season**, thanks in large part to the efforts of Darold Jones, Don DeLoach, and John McGrath. Darold has built a great relationship with Manitou Springs High School, in whose gym there have already been four flying sessions since the first of the year.

Don helped organize the Manitou sessions and spearheaded a very successful Pikes Peak Ceiling Climb at the Colorado Springs City Auditorium on January 28th. He CD'd the event.

John McGrath's long-term leadership in Science Olympiad, as Event Supervisor for the Sci Oly Southern Colorado Regionals, continues to strengthen our outreach in this very important venue in the Science, Technology, Engineering, and Math (STEM) field. Importantly, MMM

members helped at the Southern Colorado Regionals on Feb. 17th. A number of the regular fliers at our indoor events are Sci Oly students. They're a welcome addition to our sport!

We had the best of intentions to hold a final Coupe Contest and Scramble at Edwards Free Flight Base in Colorado Springs on Sunday, February 18th. Alas, the weather wasn't on board with this, so instead, several of us had lunch at the Radisson Hotel next to The Airplane Restaurant. It was a great time. The Leadership Council will soon begin exploring the possibility of finding a replacement for Good Ol' Edwards.

The Crosswinds RC Club, one of our fellow tenant organizations on Lowry, recently invited us to give a short presentation on free flight at their monthly meeting on March 14<sup>th</sup>. Jerry Murphy is organizing the details, including a slide presentation. Several guys will bring models to show. This is a great way to get to know Crosswinds better. We'll reciprocate by asking them to give us a similar presentation on their activities, possibly at our Annual Business Meeting in December. In the meantime, Jerry and Rick Pangell spoke with the Crosswinds president at a recent AMA District IX meeting and suggested that Crosswinds join us at our April 29 Scramble—for a mass-launch of AMA Alpha rubber models. (That's Rob Romash's design.) Stay tuned for more.

F1E Team Selection Finals. We were approached by Bob Sifleet, chairman of the F1E Slope Soaring Team Selection Committee. The result is that we will be hosting the F1E Finals at Indian Point, north of the Lowry field on Friday, June 22, 2018. John McGrath has graciously offered to CD this very important contest. We'll keep you posted in the coming months.

To help the MMM prepare for our "major" contests (the Ceiling Climb, the 14 Rounder, and the Rocky Mountain Championships), we now have a Major Contest Management Team. The seven members of the Team are: Mark Covington, Don DeLoach, Chuck Etherington, John McGrath, Pete McQuade, Jerry Murphy, and Tom Norell. The team has already met twice and will meet again, as necessary. Our goal is to ensure these nationally-prominent contests are planned for, prepared for, and executed excellently.

If you have an older FAI model (Nordic glider, Wakefield, or FAI Power), please consider flying it in our Legacy FAI events. We'll be featuring Legacy FAI in the Scrambles all year, as well as in the 14 Rounder and the Rocky Mountain Champs. To sweeten the deal, there'll be a \$10 cash prize for the top score in Legacy FAI at each Scramble. The rules for Legacy will regularly appear in The MaxOut. So, dust off those old models and come re-discover the fun and excitement of FAI flying. Remember, our models were never intended to sit in a box, collecting dust.

Next time you see Rick Pangell, NFFS Central region Vice President and our faithful MaxOut Editor, thank him for another great issue of our newsletter. It's the glue that holds our club together.

Hey, let's go flying!

Pete

#### Hello Fellow Free Flighters in District IX,

As your representative on the Free Flight Contest Board I need your feedback on the proposals currently before the board so that I might accurately represent your views in the casting of my votes. The process goes like this. There are three rounds of voting. The first round is to filter out those proposals that deserve additional consideration in the Cross-proposal phase. Those proposals not moved forward will be rejected in this first round of voting. The votes must be in to AMA by the first of May.

In addition to these proposals, thee are two Indoor proposals and your feedback on them needs to go to Don DeLoach who is your District IX board member.

The proposals I need your feedback on are as follows and the full text of the proposals can be found on the AMA web at

http://www.modelaircraft.org/events/ruleproposals/outdoorFF.aspx

OFF19-03 Submitted by Jerry Murphy. This proposal will sunset those events no longer being flown an general free flight competition. When they are flown they have been reduces to being participation award events. Events will be removed based on the number of Nats entries. The reason for basing the criteria on the Nats is there are no records on events outside of the Nats.

OFF19-06 Submitted by Don DeLoach. This proposal will define the CLG as a solid handle with a maximum length of the rubber to be 9 inches.

OFF19-07 Submitted by Aram Schlosberg. This proposal increases the fly off max times for E-36, A electric and B electric

OFF19-08 Submitted by Aram Schlosberg. This proposal will add the requirement of a measurement of static Wattage to determine the motor run time for E-36. Please refer to the full text of these proposals on the AMA web.

OFF19-09 Submitted by Aram Schlosberg. This proposal will add an Auto Rudder to E-36 to improve trimming.

OFF19-10 Submitted by Bob Miller This proposal will remove the limit of models allowed.

In addition to these free flight proposals, there are three proposals that effect the AMA General Rules. The full text of these are available on the AMA web at: http://www.modelaircraft.org/events/ruleproposals/Rules change proposals general.aspx

Gen 19-01 Submitted by Jerry Murphy. This proposal will do away with the practice of setting AMA national records in events not flown.

This applies in cases where a limited performance class is flown and the recorded score also exceeds that of the higher performance class. An example would be where a flyer sets a new records in Classic gas and that record is also greater than the current record in AMA gas even though the flyer did not fly AMA gas. This is current practice in Indoor.

Gen19-02 Submitted by Don Slusarczyk. This proposal will retrain the current practice of setting multiple records at the discursion of the specific Contest Board.

Gen19-03 Submitted by Don DeLoach. This proposal will allow the setting of records in events sanctioned as AMA Record Trials with the same requirements as those of AMA Sanctioned contests.

So, here is your home work. Review these proposals, talk about them with your flying buddies and email me your thoughts. Also if you know of somebody I missed on this distribution, please forward it to them.

#### <u>Jerry Murphy – AMA FF Contest Board</u>

# Results: 12th Pikes Peak Ceiling Climb January 28, 2018

CD: Don DeLoach

H	LG

Darold Jones

Jerry Murphy

P-18 Mass Launch

Chuck Etherington

Bill Carney

Tom Norell

John McGrath

Skilly DeLoach

Don DeLoach 31.1+30.8   Continue Scale 3 flt. total David Aronstein Heath   Continue Scale 3 flt. total David Aronstein Heath   Continue Scale 3 flt. total David Aronstein Heath   Continue Standard Catapult   Continue Scale 3 flt. total David Aronstein Heath   Continue Scale 3 flt. total   Continue Scale 3 flt. total David Aronstein Heath   Continue Scale 3 flt. total David Aronstein Glager   Continue Scale 3 flt. total   Continue Scale 4 flt. total   Continue Scale 4 flt.   Continue Scale 5 fl	HLG			
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Don DeLoach MO-1   1:18				
Bob Miller 29.2+29.3   58.5				
Don DeLoach 27.8+27.3   55.1   Phantom Flash   Tom Norell   2:00			Don DeLoach MO-1	1:18
Rick Pangell 26.1+28.3 54.4       Tom Norell       2:00         Jerry Murphy 17.9+17.3       35.2       John Christensen       1:46         Bill Carney       1:13         Jerry Murphy       0:12         Tom Norell 43.1+35.3 69.3         Rick Pangell 29.7+29.8 59.5       Towline Glider         Bob Miller 31.0+27.2       58.2       Don DeLoach 51.8+49.2       101.0         Don DeLoach 27.3+26.5       53.8       Limited Pennyplane         FAC No-Cal       John McGrath       5:18         Tom Norell C-195       9:19       Rick Pangell       5:08         Rick Pangell Luscombe       3:12         Bill Carney Heinkel 100       3:05       Pennyplane         David Aronstein Ole Tiger       3:01       John McGrath       6:49         Don DeLoach Spitfire       2:08       Rick Pangell       4:25         WWII No Cal Combat       A-6         Tom Norell SBD       WINNER       Rick Pangell       3:14         Don DeLoach Spitfire XII       Jerry Murphy       1:00         Bill Carney He-100       FAC Peanut Scale       best       static bonus         FAC Peanut Scale       best       static bonus				
Jerry Murphy 17.9+17.3   35.2   John Christensen   1:46     Bill Carney   1:13     Jerry Murphy   0:12     Tom Norell 43.1+35.3   69.3     Rick Pangell 29.7+29.8   59.5     Bob Miller 31.0+27.2   58.2   Don DeLoach 51.8+49.2   101.0     Don DeLoach 27.3+26.5   53.8     FAC No-Cal		55.1		
Bill Carney				
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P-18	P-18			
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Skilly DeLoach 2:17	Skilly DeLoach	2:17		
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John McGrath 2:08	John McGrath	2:08	H	

1:55

1:38

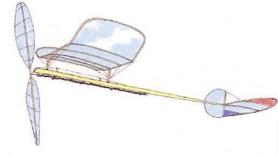
1:33

2:20

2:18

2:15

2:13



#### 12th Pikes Peak Ceiling Climb

#### Grand Champion - "Colorado Cup"

Tom Norell 22 points (5 firsts and 1 second place!)

John McGreth 11

John McGrath 11

Don DeLoach 7

Rick Pangell 7

David Aronstein 5

Bill Carney 4

Jerry Murphy 4



#### **Manitou Springs HS Indoor session**

Feb 25, Manitou

MSHS Indoor today. John Christensen earns his first Kanone! And Tom Norell earns THREE!

Peanut Scale (Total Pts)

John Christiansen Lacey M10 106.5 Don DeLoach Davis DA-2A 90 Bill Carney Cub 78.5

Phantom Flash (Total of 3)

Bill Carney 154 Jerry Murphy 146 Tom Norell 292

John Christiansen 179

No-Cal (Total of 3)

Bill Carney 67

Tom Norell 234 Don DeLoach 21

P-18 (Best 2 of 5)

Darold Jones 184 John McGrath 233

WW-II NoCal Mass Launch

Tom Norell SBD Winner

Bill Carney He100 Don DeLoach Spitfire XII

John Christensen's 25 year old Lacey peanut flirted with and broke a minute from an ROG!

Also of note was John McGrath who almost broke two minutes in P-18 with his 1:59 flight. Way to go!

Tom

#### Manitou Springs HS Indoor session March 18

Peanut Scale (Total Pts)

Don DeLoach Davis DA-2A 108 John Christianson 93.5 Rob Romash Contestor 88

Phantom Flash (Total of 3)

Don DeLoach 300 John Christiansen 238 Tom Norell 38

No-Cal (Total of 3)

Tom Norell Turbo Cessna4:59Rob Romash Cassutt3:55Don DeLoach Floyd Bean1:24

<u>P-18</u> (Best 2 of 5)

John McGrath 3:40 Darold Jones 3:19

#### Manitou Teaching Opportunity Feb 7, 2018

:

Thanks to Darold's good works we have a very good relationship with the Manitou Springs High School. This became obvious when the math/ physics teacher Mike Talbott, approached Darold to ask if it would be possible to give his students a model airplane experience. Yes, he came to us! Darold took the lead in this project and he arranged for John McGrath to provide Mountain Lion kits for the project and then he rounded up helpers, Don DeLoach, Chuck Etherington, and me.

John's Mountain Lion model is an ideal candidate for events like this. Setting up in the cafeteria worked well as there was ample room for both the students and helpers to build the models. We had eight students and the total construction time was about 45 minutes. The models went together with no problems with the exception of the spray adhesive. It was a Bordon brand and it failed to adequately adhere the tissue to the frame work of the model.

After the models were assembled it was off to the gym for flying. EVERY MODEL FLEW! Asking the students if they were surprised by how well the models flew everybody said they were. We had a mass launch contest that was exciting and fun. The contest had to go a second round as there was a tie in the first round.

The students kept us busy with winding models until it was time for them to go home. I suspect that there were about 100 flights made that afternoon.

Now for the reallygood news. The principal Glenn Hard and his assistant Jessie Hall came to watch the students fly and both were impressed with the performance of the models. Not only were they impressed, they saw exactly what we do when we are in the gym. This will pay off big time if somebody raises objections to us because they think model airplanes are big heavy RC models.

I suspect this event could lead us to being involved with STEM activities. As we learned at the District IX meeting AMA is working on class room STEM teaching guides.

Again thanks to Darold for leading this program.

Jerry Murphy





#### 2/11/18 at the Isaacson

Flying "out of the box"

Greetings, from Lost Hills. Day one started out very nice with light winds and sunny skies. By about 11am the wind picked up and increased to 10mph from the north with a few gusts to 15-20+. Pretty tough, but we flew anyway and enjoyed ourselves.

Chuck maxed out in his first ever E-36 contest, did two flyoff maxes and finished a very respectable third!

2/12/18 ...got second place in the E-36 World Challenge this morning!!

I guess F1C is a stepping stone to Electric?

DD



## Science Olympiad Nationals in Ft. Collins Colorado!!

May 19, 2018

## **Volunteers Requested for Timing**

Mr. Tom Sanders--talking Sci Oly, has asked if the MMM Club could possibly provide timers for the Sci Oly National Contest up in Fort Collins on the 19th of May.

He's looking for a total of six. I'm one. Anyone else interested? It's an all day thing, 8 to 4. Be an early reveille to get there from the Springs.

T-Shirt & Lunch provided.

He's looking for a total of six. I'm one. Anyone else interested? It's an all day thing, 8 to 4. Be an early reveille to get there from the Springs.

T-Shirt & Lunch provided.

I'd like to get him some early numbers if possible, even though it's two months out. I think this is a pretty cool invite.

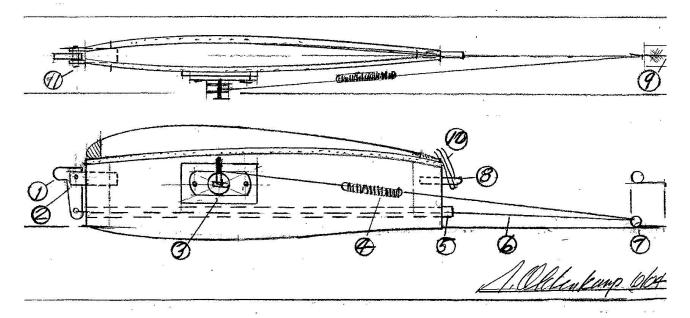
Thanks in advance for your help!

John McGrath (719-963-9227)

# Ever wonder how to Pop that Wing DT on your P-30 or other lightweight Model?

One further rookie rant: Try to place the timer with plenty of finger clearance in order to arm, change, and make lanyard hookups without fouling the system while winding, hooking up the prop, and doing air picks. Various pull-out locking pins should be fitted so that your system can be set in "Park" while the needed preliminaries are performed.

Three of the five systems so far are on P-30s. Each follows almost exactly the details shown below in the Larry Bagalini P-30 Pop-Off Wing Dethermalizer. Users should know that this drawing differs slightly from the ruff passed out at the club meeting, as do some of the annotations. Suffice to say that Larry's solution is clever, lightweight, and ultra reliable. John and Greg Hutchison have used it successfully:



Drawing is full size, shows top and side views, and is in the "armed" state. Front rubber band over crank is omitted for clarity.

- Bellcrank made from thin plastic, aluminum, or plywood. Drill 1/32 holes for axle and lanyard attachment. Top corner may need to be radiussed to clear pylon.
- 1/8" aluminum tube bellcrank mount. Sharpen and drill full of end grained balsa plus C/A glue. Drill hole for axle. File slot well past axle point. C/A into pylon, leaving clearance shown.
- 3. Viscous Timer as sold by FliteTech, FAI, Peck, or G. Sullivan
- 4. Light pressure spring from FliteTech, or old Ballpoint pen.
- 5. Small diameter plastic cocktail straw runs through pylon.

## It's Back to the Future ...

Hey, Marty! Do you have an old FAI model you don't fly anymore? Because you think it's supposedly *outdated*?



Yeah, sure

Then get with the times!

Come on out to the next MMM Scramble and fly

## Legacy FAI

#### The rules:

F1A: Current F1A rules except no bunt allowed

F1B: No DPR allowed, 40g max motor and 190g empty weight

F1C: NFFS Vintage FAI rules\*
F1G: No auto surfaces or DPR

F1H: Circle tow allowed but no bunt, 5.08 oz. minimum weight

F1J: 7 sec engine run, no bunt



\* For NFFS Vintage Power rules, see Section 18 of the 2017-18 NFFS Competition Rules. Download at:

https://free flight.org/wp-content/uploads/2016/01/NFFS Competition Rules 2017-2018 v1.pdf

So, to all my Free Flight Friends, here and abroad.... You are an NFFS member, aren't you? If not, come join us... This is our 50th year and we will be having some new and exciting offerings. Be part of the "in" crowd! <a href="www.freeflight.org">www.freeflight.org</a>

John Lorbiecki, NFFS President

#### NFFS MEMBERSHIP APPLICATION

## 2018 Overall Regional MMM Contest Schedule

Paste this into your home calendar so you have anticipation to your travel and build plans!

2018			
DATES	CONTEST	NOTES	CD
January 7	Indoor	Manitou Springs HS	Informal (Don DeLoach)
January 12-15	Southwestern Regionals	Eloy, AZ	PMAC
January 21	Indoor	Manitou Springs HS	Informal (Don DeLoach)
January 28	Indoor – 11th Annual Pikes Peak Ceiling Climb	Colorado Springs City Auditorium	Don DeLoach Mark Covington
February 18	Indoor	Manitou Springs HS	Informal (Don DeLoach)
February 10-18	Fab Feb at Lost Hills		
March 4	Indoor	Manitou Springs HS	Informal (Don DeLoach)
March 9-11	EAA Indoor		
March 18	Indoor	Manitou Springs HS	Informal (Don DeLoach)
March 18-23	Indoor World Champs	West Baden, III	
April 6-9	Round Valley Dome Indoor	Eager, AZ	Phoenix Club - Flyer
April 21-22	Marion Kansas Spring Meet	Marion, KS	
April 28-29	Kent State Indoor		
April 29	MMM Monthly Scramble	Lowry Field	Darold Jones
May 20	MMM Monthly Scramble	Lowry Field- Annual Kid's Day Contest	Pete McQuade
May 23-28	AMA Indoor Nats/USIC	Rantoul, Illinois	AMA
June 10	MMM Monthly Scramble	Lowry Field – Late day meet 9:00 AM – Sunset	Rick Pangell
July 22	FAI World Cup F1E	Indian Point (Lowry Field)	John McGrath
June 23-24	39th 14 Round FAI	Lowry Field	Pete McQuade & Jerry Murphy
July 15	MMM Monthly Scramble	Lowry Field	Mark Covington
July 23-27	AMA Outdoor Nats/USOC	Muncie Indiana	AMA
Aug 11-12	Tulsa Glue Dobbers 67th Annual	Perry Oklahoma	Bobby Hanford bhantulsa@cox.net
August 19	MMM Monthly Scramble	Lowry Field	John McGrath
September 1-3	Rocky Mountain Free Flight Champs/FAC/Mtn States Scramble/Dynasty Cup	Lowry Field	Don DeLoach Chuck Etherington
September 16	MMM Monthly Scramble	Lowry Field	John McGrath
Sept 22-23	Texas Cloud Climbers Annual	Denton Texas	
October 6-7	Heart of America Annual	Marion, KS	
October 21	MMM Monthly Scramble	Lowry Field	Tom Norell
November 4	MMM 12th Annual Frito Pie Meet	Lowry Field	Ken Phair
December 8	Annual Business Meeting	Location TBD	MMM President

#### IF YOU HAVEN'T PAID YOUR DUES YET OR WANT TO BE A MEMBER:

#### JOIN THE MAGNIFICENT MOUNTAIN MEN FREE FLIGHT CLUB HERE

NAME		AMA NO
STREET ADDRESS		
CITY/STATE		ZIP
PHONE (HM)(V	WK)	EMAIL_
DESIRED STATUS: MEMBER(CHECK ONE)	2018 I	DUES: \$40.00 includes Newsletter (Under 16 yrs. old – FREE!)
HARDCOPY NEWSLETTER ONLY	2018 R	RATE: \$15.00 PER YEAR
SEND THIS FORM AND CHECK PAYA		MMM CLUB CHUCK ETHERINGTON 33946 GOLDFINCH DR., ELIZABETH, CO 80107

## News Note: MMM Now accepts "PAYPAL" for Dues, Contest Entry Fees, Etc !!

- Simply Log in to paypal.com (or create your own 'PAYPAL" account if you want)
- Click on "Send Money" in the upper menu bar
- In the "To" block, type in <a href="mmmffclub@gmail.com">mmmffclub@gmail.com</a>, the amount, and click the button "Services"
- In the next form where you confirm payment, in the Lower "Subject" and "Message" boxes state what the money is for... annual dues, entry fees and such.
- When pre-entering a contest that needs event selection or similar, you still need to send in the pre-registration form to the Contest Directors

Note, Paypal does charge a fee for this service so if you do use paypal maybe add an extra buck to help us out

FIRST CLASS

# LAST ISSUE UNTIL YOU PAY YOUR DUES! IF THIS BOX IS CHECKED, THIS IS YOUR



DATE	EVENT	FEATURE EVENT
<i>April 29</i>	MMM Monthly scramble	Cross Pollination with Crosswinds RC Club!
May 20	MMM Monthly scramble	Lowry Field- Annual Kid's Day Contest
June 10	MMM Monthly scramble	Lowry Field Late day meet 9:00 AM - Sunset

# FREE FLIGHT WITH AN ALTITUDE! **UPCOMING EVENTS**





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