



# THE MAX-OUT

Newsletter of the Magnificent Mountain Men

AMA CHARTERED CLUB #177



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Or, join the web group at:  
<http://groups.yahoo.com/group/MMMFreeFlight/>

2010-02 (Feb/Mar)



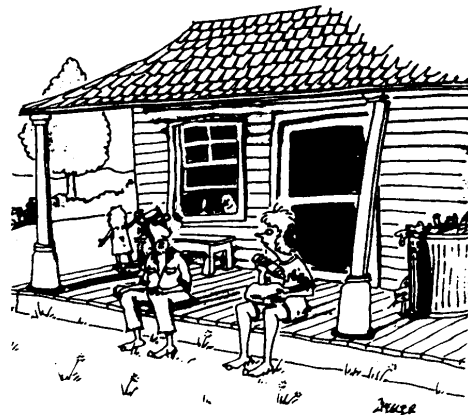
## PONDERINGS DEP'T

No PPCC flyer in this issue. You can find it on the website or I can send you one by email.

Don't forget the "Colorado Cup" Grand Champ Trophy to highest scorer in up to 5 pre-selected events (at least 1 of the 5 must be a glider event, otherwise you may choose only 4 rubber events). 5-4-3-2-1 points for 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup> place; 1 point deducted for each person fewer than 5 in an event.

Maybe it's just me, but there has been a lot of building activity in the community. Sounds like this could be a great year on the field. Maybe with all the bad economic news, FF'rs will thrive. Aren't you glad you are a scrounger and have all that wood, those engines and kits in your shop?

Have a party...build, cover, fly!



"Ma ...kin you take the laundry down from the front room so I can test my new Pennyplane?"

The Pikes Peak Ceiling Climb is up coming so I hope you got your sticks together!

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

Rick

*"The MAX-OUT"* newsletter is printed 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
- SAM-1 Crossover membership: \$20
- Newsletter Subscription Only: \$15
- Send check to:  
**Chuck Etherington**  
 33946 Goldfinch Dr.  
 Elizabeth, CO 80107-7419

**MMM Club Officers and Contact List**

**President:**

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Rick Pangell 303-798-2188

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**Flying Site Oversight:**

Pete McQuade 719-522-1239

**Newsletter & Other Stuff:**

Rick Pangell 303-798-2188

**Flying Field Weather Line: 303-766-0020**

**NEAR TERM EVENTS:**

<b>MMM MTG!</b>	<b>Every Third Tuesday at 7:00 PM, Dinner at the Castle Cafe in Castle Rock.</b>
<b>Wings Over the Rockies Indoor</b> 7711 E. Academy Blvd. in the former Lowry AFB Denver	Various Sundays of every month from 1-5pm. Admission \$. A good clean site, 24' height
<b>February 28th</b>	<b>Pikes Peak Indoor Champs In Colorado Springs</b>

Note: For those of you who wish to have a real live MMM Club Member Name Tag, you can order them yourself through:

**Sun Signs**  
**4420 Tennyson**  
**Denver, CO 80212 - 2310**  
**(303) 477-1594**

Call and tell them you are with the Magnificent Mountain Men FF Model Airplane Club. The cost is about \$5 delivered to your door.

***NOTE: !!!!***

***Going to the field Monday-Friday!***  
***Don't forget to call the Corps of Engineers trailer on Quincy Rd,***  
***The number is (303) 690-3816***

**Motorcycle Use on the Field Policy:**

- *Follow the roads wherever possible and not to follow the planes cross-country. If the plane lands within walking distance of the road, park the bike and retrieve the plane on foot. If not, take the shortest path possible to the plane in order to retrieve it.*
- *Avoid riding through noxious weeds*

## STUFF DEP'T

### **Individual Spray Unit:**

Spraying a model with some fuel proof finish usually means you want to use epoxy paint. I have used Ace Hardware white appliance paint with great success on gas models, but what if you want yellow? You can go buy some jar paint and maybe use a sprayer, but they are a pain to use for small amounts.

While I was looking for a yellow epoxy spray at Ace hardware, I came across this nifty item called the Preval Spray system. It has a jar and a pressurized canister attached to the top of it for \$6.99. Put what you want to spray in the jar, mixed like you want and spray. Also, if you want to use another finish, like Helmsamn outdoor urethane, which is fuel proof, you can buy a can of it and not spend the price of a spray can. Also available at Harbor Freight.

The canisters are replaceable for about \$5 so I bought two more whole units. That way I get two more jars too. Look into it: Their web site is: [www.prevalspraygun.com/home.htm](http://www.prevalspraygun.com/home.htm)

### **Balsa Source:**

I sometimes help out schools and teachers with the Science Olympiad, Technology Student Association and the Odyssey of the Mind. An Odyssey coach called me and she asked me if I had heard of this balsa place called Specialized Balsa Wood, LLC, in Loveland, Colorado. If you are into cutting your own wood, you might give these guys a call.

Specialized Balsa Wood, LLOC  
405 8<sup>th</sup> Street SE, Unit #2  
Loveland, Colo, 80537-6491  
970-461-9663  
[www.specializedbalsa.com](http://www.specializedbalsa.com)

### **Boxes:**

If you are like me, a free flighter, that means that you are a scrounger too. Boxes, for whatever reason are kept to put balsa, engines, and everything else we come across. Why do we save all those express mail boxes too

But I'm afraid this is for the local Colorado folks...

I found a local store that has these nifty boxes...inside dimensions of 10-1/4 x 36-1/4 x 4-1/4" deep that have a carrying handle on them. The good news is they are less than \$2. With a few glued in restraints they can store some indoor models too.

For the Denver folks:

BoxBoys,  
4165 South Broadway, Englewood, CO  
(303) 789-7647



## PRESIDENT'S PONDERINGS

By Pete McQuade



*“Free Flight is not dead! I got the answer loud and clear. When Ocie Randall asked the crowd if it was, three hundred voices shattered the desert land with a resounding “NO” which clogged my ear for a week. Every crawling lizard on the vast prairie-land at Taft now knows that Free Flight is here forever!”*

That prophetic observation by Don McGovern appeared in “Flying Models” magazine’s September 1971 coverage of the US Free Flight Championships. It was of course, prompted by a pervasive feeling, that with R/C’s increasing popularity, FF was a dying dinosaur. I’m sure Don would have smiled if he could have glimpsed the Free Flight world of 2010.

Oh, the changes he’d have seen. The indomitable Taft is no longer the Mecca of Free Flight, and the Nats is always held in just one place -- Muncie, Indiana. The Tee Dee .049 is no longer the gold standard of 1/2A engines, and Pirelli rubber is just a memory. Carbon fiber and exotic covering materials Don probably never dreamed of are *de rigueur* today. Discus-launched gliders have wrought a revolution and a renaissance in hand-launched gliders, both indoors and out. Electronic timers, and Silly-Putty timers, and bunters and delayed-pitch props and composite D-box structures, and four-minute-plus early-morning maxes, now all commonplace, would surely be alien to Don’s eyes. And a host of Free Flight’s greatest personalities are no longer with us, sadly including Don himself.

On the other hand, he’d see some familiar things, too. The sport is still vibrant and has a dedicated following, with enough young people to guarantee its future. “Flying Models” is still around and giving Free Flight excellent coverage. Although

Taft has relinquished its place of honor, that role has migrated only a few miles to Lost Hills. Thermals can still be tricky, downdrafts too often get the better of us, and a max-out is still something to be proud of. Some of the very same chase bikes that putt-putted around Taft and kicked up dust on Don’s models are still chasing models today. And Fast Richard is, once again, a colorful *force majeure* in this sport.

But most of all, I wish he could see what’s become of the MMM. It’s always been a first class club, but its metamorphosis in the recent past has been astonishing. Our club has become an important and much-respected center of free flight activity in this country. The enthusiasm, dedication, and creativity of our members, the lifeblood of the MMM, is well-known and thriving. Our fliers, volunteers, organizers, and CDs continue to keep the sport going strong. On a national level, our own Don DeLoach is now the editor of the NFFS Digest. In just a few months, he has already done amazing things in that capacity. Jerry Murphy, a recent Outdoor Nats CD, is chairman of the AMA’s Free Flight Contest Board. Chuck Etherington is co-chairman of the FAI Outdoor Team Selection Committee. Rob Romash is chairman of the NFFS’s Indoor Subcommittee, and a past Indoor Nats CD and frequent Assistant CD. And our MaxOut editor, Rick Pangell, was editor of the prestigious 2008 NFFS Symposium.

On the local scene, at least for now, we have access to not just one, but TWO great fields. Randy Reynolds’s Scramble format has re-energized our monthly contests so they’re now more excitingly competitive. Our major outdoor and indoor contests continue to draw top-level competitors from around the US, and our members travel to major contests around the country and do exceptionally well there. And at the recent club Annual Meeting, we voted to host WESTFAC III in 2011, an important step for us. So, if anybody wonders if Free Flight in the US is anything but healthy and flourishing, they just have to look at the MMM.

Yes, I wish Don McGovern could have glimpsed all these things back in September, 1971. But then, from the tone of his quote above, I have to wonder if maybe he did.

Hey, let’s go flying...

## STUMP CLUB DEP'T

*This is the place where club members can share their most treasured learning experiences*

Don, DeLoach---Yes I lost my two best power models OOS in a span of two months in 2007. Been doing a lot of rubber since then but 2010 is my comeback year.

As for Deliverance Dan's [Berry] snarky jab about my future crashes, I did have one spectacular crash with my Seelig-tube equipped ABC bunter back in 2005 that proved the ruggedness of said tube. Chuck was there and can vouch that it was at least a 9.5 out of 10 (*Chuck's comment: I gave it a perfect 10*).

I launched the model on a full run and it bunted perfectly, but the engine never shut off. It then kicked into glide and proceeded to do a beautiful loop at 80 MPH, ascending to, what would you say Chuck, 1000 feet, then screaming down to earth and (mercifully) completing the loop at about 10 feet AGL, at which time it (mercifully) ran out of fuel (*Chuck's comment: Don's use of the glide setting to maintain positive wing loading was inspired. It provided the lateral stability needed to make a really large inside loop and show off the model's grace*).

At some point near level flight the wings departed the aircraft (but did not fold—great builder!) and the fuselage continued forward ballistically spearing us on the flightline as it skipped smartly across the hill top (*Chuck's comment: The timing of the body release from the wing left the judges on the edge of their seats*).

Was the plane dead? Far from it Danny boy. The stab and wing were both undamaged. The Seelig tube body was cracked in several places near the pylon but was easily fixed with epoxy and glass cloth. The model was back in the air the following weekend and went on to compete at the '05 Nats (where on its first official it glided into the white farmhouse to the southeast and broke again).

Now tell me, Dan, do you feel THIS lucky??

*Chuck's comment: As Don was walking back with the wreckage looking angry, I looked at Murph and he had that, "What can I do to be helpful," look in his eyes. I whispered to him, "Don't say a thing." He agreed.*

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## MMM'rs DO GOOD DEP'T

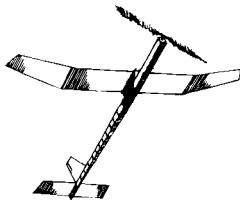
Hi guys, and thanks for coming to the Southwest Regionals.

The P-30 event was well received and with the top 3 finishers separated by only 8 seconds after 5 flights, it was all we hoped for.

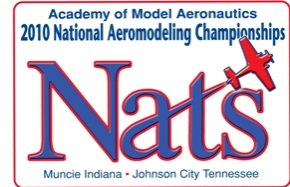
Third place was a guy new to the event. P-30 is one of those rare events that puts seasoned veterans and rookies on nearly even footing.

Here is a picture of Jerry with the Trophy





## Small Mulvihill Event At The Nats



A rules proposal has been submitted for Category III Mulvihill for smaller models to help make them more favorable to small field conditions.

A Special Event at the 2010 Nationals in Muncie will take place for models meeting the recently submitted rules proposal criteria:

- Maximum Wing Area: 200 Sq. In.
- Maximum Rubber: 20 grams
- No auto surfaces (lock down only)
- Maximum Times: 2 min., 3 min., 4 min. All fly off flights are 4 minutes.
- All other rules as they pertain to the Mulvihill class apply.

*Please note this event is not sponsored by AMA or NFFS. It will have separate entries and awards.*

Date: Monday, August 2, 2010

Entry Fee: None

Contest Director: Paul Andrade

Awards: 1st through 5th Place

Entries: Pre-entry via e-mail at [thermalspa@yahoo.com](mailto:thermalspa@yahoo.com) or enter on the field.

Any questions contact:

Paul Andrade

9662 Beacon Hill Ct.

Highlands Ranch, CO 80126

Ph: 303-246-4336

E-mail: [thermalspa@yahoo.com](mailto:thermalspa@yahoo.com)

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## 2011 Outdoor Free Flight Proposals

Jerry Murphy, 9 Via Escondido Valle, Manitou Springs, CO 80829 ([jb\\_Murphy@msn.com](mailto:jb_Murphy@msn.com))

It's time to be thinking about the 19 rule change proposals currently before the Free Flight Contest Board.

The way the process works is the contest board will vote to see which of these proposals can go forward in the process or be rejected. I must have my vote recorded by AMA before May 1 and I need your feedback to help in guiding how I will be voting.

So please take a few minutes to look over the proposals and give me your feedback. Please, make the feedback in written form, either email or a letter but not a phone call as that doesn't leave a record of your thoughts as the process moves along. You can give me a call with questions, but please make your feedback in a written format to my email above or to Jerry Murphy.

Full text of these proposals is presented on the AMA web site at <http://www.modelaircraft.org/events/ruleproposals.aspx>



# 2010 MMM Free Flight Schedule

DATE 2010	EVENT	CONTEST DIRECTOR
3 <sup>rd</sup> Tue of each Mo.	MMM DINNER MEETINGS	CASTLE CAFÉ IN CASTLE ROCK
FEBRUARY 28	MMM Pikes Peak Ceiling Climb Indoor Champs – C'Springs	Don DeLoach
APRIL 18	MMM SCRAMBLE & SAM 1	Rick Pangell
MAY 16	MMM SCRAMBLE & SAM 1	Mel Gray
JUNE 13	MMM SCRAMBLE & SAM 1	Grampa Jones
JULY 9-11th	31st ANNUAL 14 ROUND FAI MEET + Nat Cup and Bonus Events	Jerry Murphy & Marc Sisk
JULY 25	MMM SCRAMBLE	Pete McQuade
AUGUST 15	MMM SCRAMBLE & SAM 1	Marc Sisk
SEPTEMBER 4-6	45 <sup>th</sup> ANNUAL ROCKY MOUNTAIN CHAMPIONSHIPS, DYNASTY CUP & FAC!	Don DeLoach / Chuck Etherington
SEPTEMBER 11,12	ANNUAL SAM 1 MEMORIAL	
SEPTEMBER 26	MMM SCRAMBLE	Jackson Ivey
OCTOBER 9,10	SAM 1 MONTHLY	
OCTOBER 17	MMM SCRAMBLE	Duane Hjerleid
NOVEMBER 7	MMM SCRAMBLE & SAM 1 & FRITO PIE ANNUAL	Dave Wineland
NOVEMBER 14	10 <sup>th</sup> ANNUAL FALL INDOOR CHAMPS – C'Springs	Roland Solomon
DECEMBER ??	MMM ANNUAL BIZ MEETING	THE PREZ is in charge

### CONTACTS:

Don DeLoach at 719-964-7117 Jerry Murphy at 719-685-3766 Rick Pangell at 303-798-2188

*The following events will be flown and scored separately for National Cup consideration:*

1. **AMA Power:** 1/2A, A, B, C and D
2. **Classic Power:** 1/2A, A/B and C/D
3. **Nostalgia Gas:** 1/4A, Early 1/2A, 1/2A, A, B and C
4. **Rubber:** Mulvihill, Moffett, and P-30
5. **Nostalgia Rubber:** Nos Rubber/ Wake Combo
6. **Glider:** HLG, CLG and Classic Towline
7. **Junior:** 1/2A, 1/2A Classic, HLG, CLG and P-30

*The following are the monthly event combinations that will apply to MMM Season Champion Points (club members only):*

1. **Catapult Glider**
2. **Hand Launch Glider**
3. **2-Minute Combo** (any 2 min event) (P-30, F1G, F1H, F1J, Payload, Rocket, etc.)
4. **3-minute FAI Combo** (F1A, F1B, F1C, F1P)
5. **Nostalgia Gas / MMM "Slow Open Power" Combo**
6. **AMA/Classic Gas Combo**
7. **3-Minute Rubber Combo** (Mulvihill, Gollywock, Moffett, OT Rubber)
8. **Classic Towline Glider**



FREE FLIGHT WITH AN ALTITUDE!  
UPCOMING EVENTS

DATE	EVENT	FEATURE EVENT
FEBRUARY 28	MMM Pikes Peak Ceiling Climb Indoor Champs – C'Springs	Don DeLoach
APRIL 18	MMM SCRAMBLE & SAM 1	Rick Pangell
MAY 16	MMM SCRAMBLE & SAM 1	Mel Gray

FIRST CLASS



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



**The Magnificent  
Mountain Men**

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